

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024114.D
 Acq On : 16 Dec 2019 18:33
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 16 19:07:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	390642	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1627889	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1072076	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2328791	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2316640	20.00	ng	0.00
87) Perylene-d12	23.22	264	2527428	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	3456200	140.32	ng	0.00
7) Phenol-d6	6.66	99	5338872	168.76	ng	0.01
23) Nitrobenzene-d5	8.62	82	5571949	190.00	ng	0.00
42) 2,4,6-Tribromophenol	15.63	330	2608409	194.90	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	12470016	160.17	ng	0.00
79) Terphenyl-d14	19.52	244	14995903	125.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	709660	71.602	ng	# 100
3) Pyridine	3.43	79	1999540	76.540	ng	98
4) n-Nitrosodimethylamine	3.35	42	697830	73.376	ng	93
6) Aniline	6.80	93	3355748	88.464	ng	100
8) 2-Chlorophenol	7.03	128	2034879	81.084	ng	99
9) Benzaldehyde	6.62	77	1019209	56.580	ng	98
10) Phenol	6.69	94	2777252	93.247	ng	99
11) bis(2-Chloroethyl)ether	6.90	93	2119886	90.593	ng	98
12) 1,3-Dichlorobenzene	7.35	146	2269438	75.662	ng	99
13) 1,4-Dichlorobenzene	7.49	146	2311087	76.109	ng	98
14) 1,2-Dichlorobenzene	7.80	146	2272792	78.509	ng	99
15) Benzyl Alcohol	7.71	79	2109168	106.547	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	2525112	74.286	ng	98
17) 2-Methylphenol	7.92	107	1870128	94.863	ng	98
18) Hexachloroethane	8.52	117	873621	78.442	ng	98
19) n-Nitroso-di-n-propylamine	8.28	70	1927106	109.085	ng	97
20) 3+4-Methylphenols	8.25	107	2582986	98.370	ng	99
22) Acetophenone	8.29	105	3558144	88.549	ng	99
24) Nitrobenzene	8.66	77	2709197	96.554	ng	98
25) Isophorone	9.19	82	5088289	105.524	ng	100
26) 2-Nitrophenol	9.36	139	1258934	103.932	ng	97
27) 2,4-Dimethylphenol	9.43	122	1767515	87.162	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	3160515	94.719	ng	98
29) 2,4-Dichlorophenol	9.89	162	2111182	92.084	ng	100
30) 1,2,4-Trichlorobenzene	10.10	180	2351549	83.366	ng	98
31) Naphthalene	10.27	128	6982935	86.815	ng	99
32) Benzoic acid	9.67	122	1537196	117.779	ng	97
33) 4-Chloroaniline	10.40	127	3177129	90.974	ng	98
34) Hexachlorobutadiene	10.56	225	1353923	80.520	ng	98
35) Caprolactam	11.25	113	628224	92.428	ng	96
36) 4-Chloro-3-methylphenol	11.55	107	2494625	111.525	ng	98
37) 2-Methylnaphthalene	11.90	142	5200738	92.889	ng	99
38) 1-Methylnaphthalene	12.13	142	4945321	93.052	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	2631114	72.430	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024114.D
 Acq On : 16 Dec 2019 18:33
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 16 19:07:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

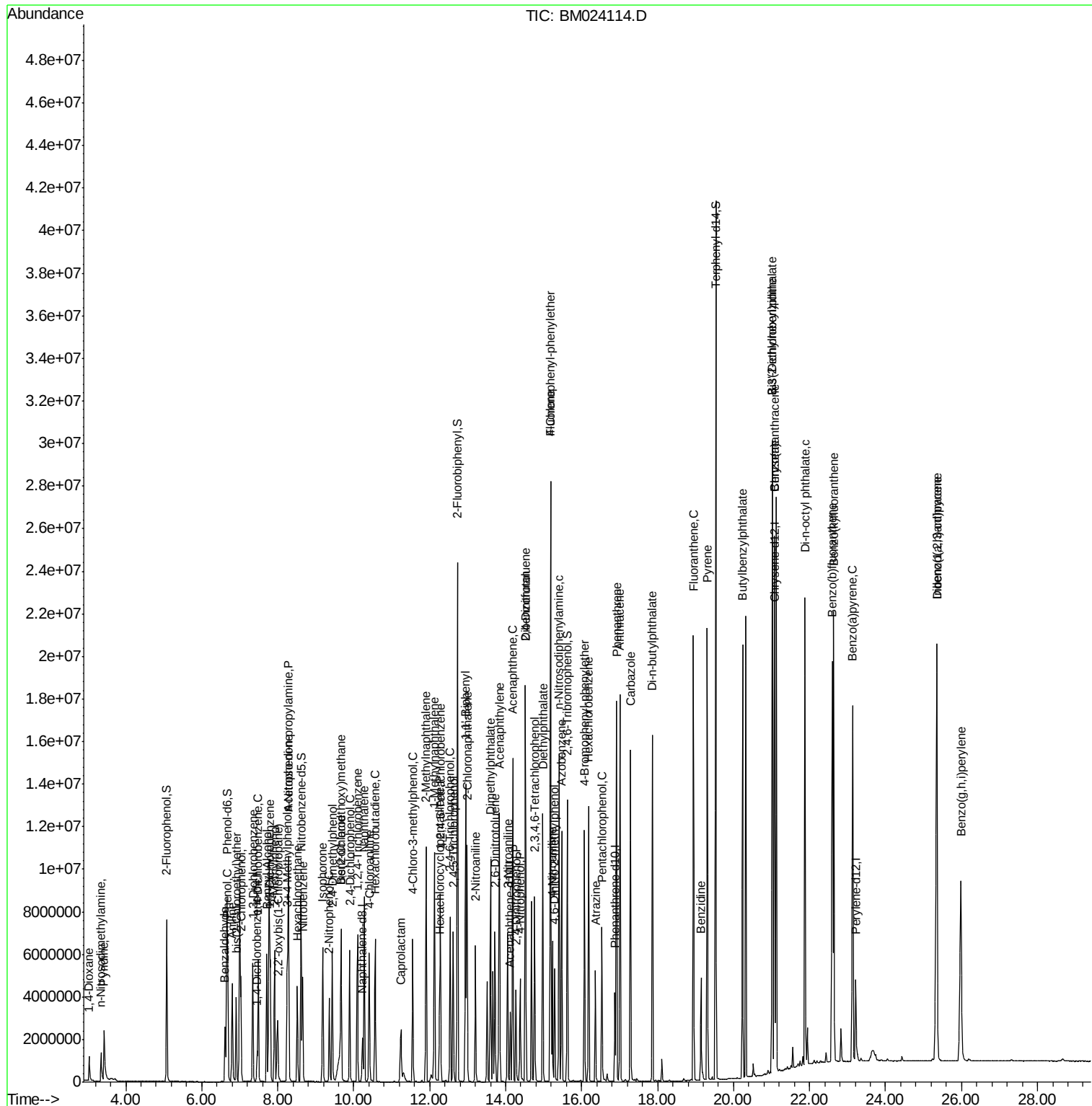
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	1091093	55.050	ng	99
43) 2,4,6-Trichlorophenol	12.54	196	1783222	85.052	ng	100
44) 2,4,5-Trichlorophenol	12.62	196	1832621	83.879	ng	97
46) 1,1'-Biphenyl	12.95	154	6918068	77.969	ng	99
47) 2-Chloronaphthalene	12.98	162	5482588	82.902	ng	100
48) 2-Nitroaniline	13.20	65	1891030	109.811	ng	97
49) Acenaphthylene	13.84	152	8536055	87.162	ng	100
50) Dimethylphthalate	13.60	163	7001354	90.368	ng	100
51) 2,6-Dinitrotoluene	13.72	165	1566534	96.664	ng	91
52) Acenaphthene	14.19	154	5215797	81.407	ng	99
53) 3-Nitroaniline	14.05	138	1781550	95.491	ng	95
54) 2,4-Dinitrophenol	14.27	184	965228	126.144	ng	97
55) Dibenzofuran	14.53	168	8196051	87.624	ng	99
56) 4-Nitrophenol	14.38	139	1335971	93.164	ng	98
57) 2,4-Dinitrotoluene	14.52	165	2237513	105.390	ng	97
58) Fluorene	15.18	166	6855217	90.189	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1654439	86.827	ng	99
60) Diethylphthalate	14.97	149	7113726	94.430	ng	99
61) 4-Chlorophenyl-phenylether	15.18	204	3435255	87.960	ng	99
62) 4-Nitroaniline	15.23	138	1767818	90.380	ng	99
63) Azobenzene	15.47	77	6852790	100.731	ng	99
65) 4,6-Dinitro-2-methylphenol	15.29	198	1213434	111.260	ng	99
66) n-Nitrosodiphenylamine	15.40	169	5926095	83.297	ng	100
67) 4-Bromophenyl-phenylether	16.07	248	2280679	88.051	ng	98
68) Hexachlorobenzene	16.19	284	2735569	90.563	ng	99
69) Atrazine	16.36	200	901791	38.992	ng	98
70) Pentachlorophenol	16.54	266	1321204	82.016	ng	100
71) Phenanthrene	16.92	178	10749837	81.808	ng	99
72) Anthracene	17.01	178	10511957	82.543	ng	99
73) Carbazole	17.29	167	9935729	83.841	ng	99
74) Di-n-butylphthalate	17.86	149	11444552	85.169	ng	96
75) Fluoranthene	18.94	202	12149528	81.937	ng	95
77) Benzidine	19.14	184	2779002	43.727	ng	99
78) Pyrene	19.31	202	12261264	80.762	ng	95
80) Butylbenzylphthalate	20.24	149	5970221	103.471	ng	95
81) Benzo(a)anthracene	21.07	228	11882292	79.139	ng	91
82) 3,3'-Dichlorobenzidine	21.02	252	4391114	82.468	ng	98
83) Chrysene	21.07	228	11882292	81.630	ng	94
84) Bis(2-ethylhexyl)phthalate	21.03	149	8352304	97.696	ng	# 96
85) Di-n-octyl phthalate	21.87	149	12157047	89.222	ng	98
86) Indeno(1,2,3-cd)pyrene	25.35	276	13173732	75.826	ng	# 100
88) Benzo(b)fluoranthene	22.60	252	13427907	87.748	ng	99
89) Benzo(k)fluoranthene	22.64	252	12391412	81.609	ng	97
90) Benzo(a)pyrene	23.13	252	11986667	85.006	ng	99
91) Dibenzo(a,h)anthracene	25.35	278	11004062	74.606	ng	99
92) Benzo(g,h,i)perylene	25.99	276	10040882	71.673	ng	100

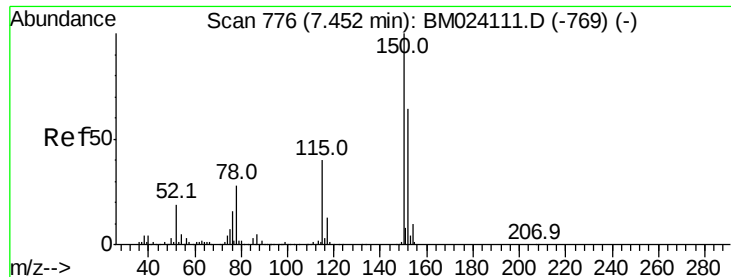
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024114.D
Acq On : 16 Dec 2019 18:33
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Dec 16 19:07:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 17:25:31 2019
Response via : Initial Calibration



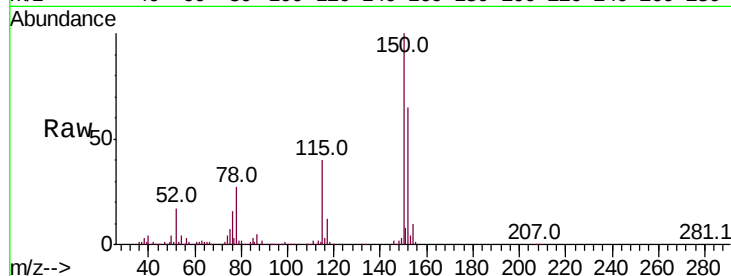


#1

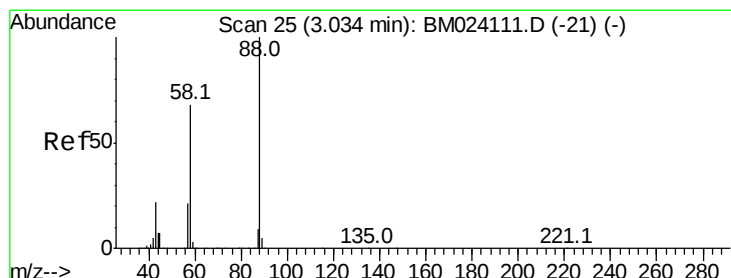
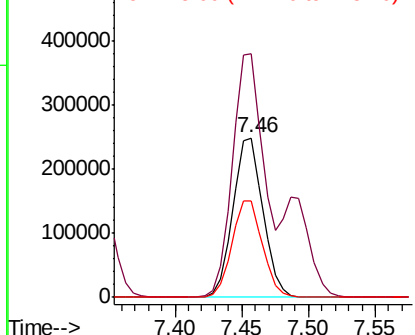
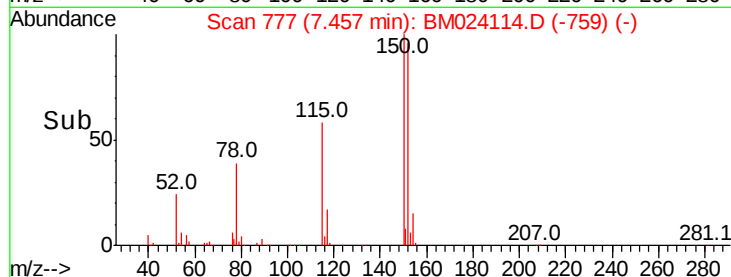
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.46 min Scan# 777
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 390642
Ion Ratio Lower Upper
152 100
150 152.9 125.0 187.6
115 60.7 49.8 74.6



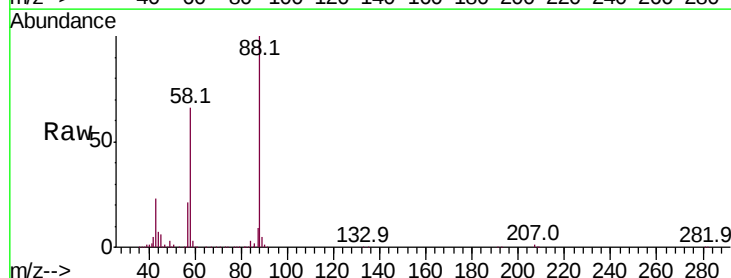
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



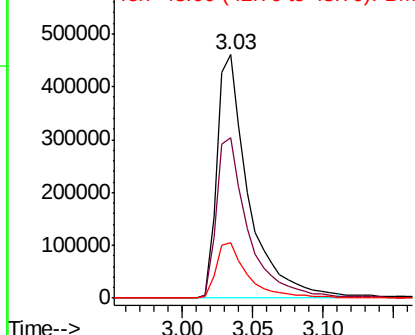
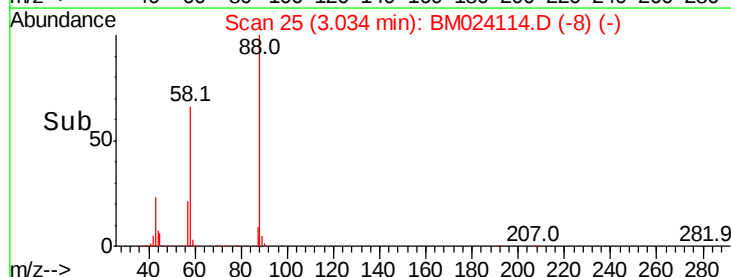
#2

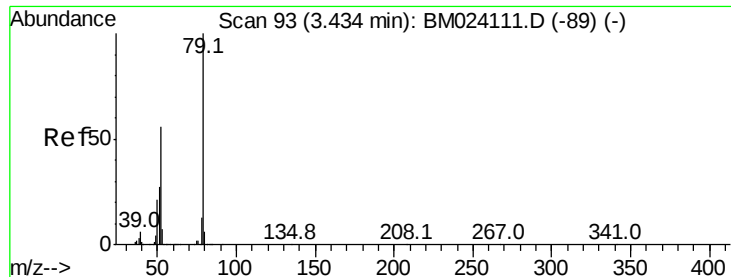
1,4-Dioxane
Concen: 71.602 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion: 88 Resp: 709660
Ion Ratio Lower Upper
88 100
58 67.2 0.0 0.0#
43 22.8 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 76.540 ng

RT: 3.43 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

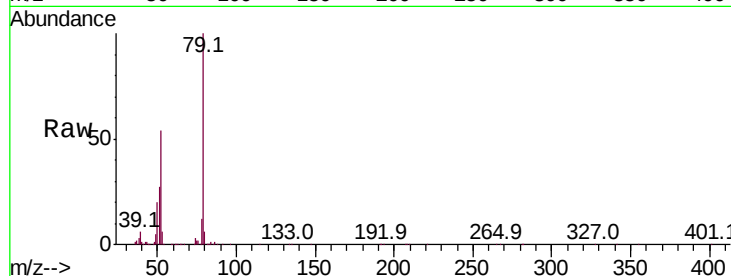
Instrument :

BNA_M

ClientSampled :

Tot Ion: 79 Resp: 1999540

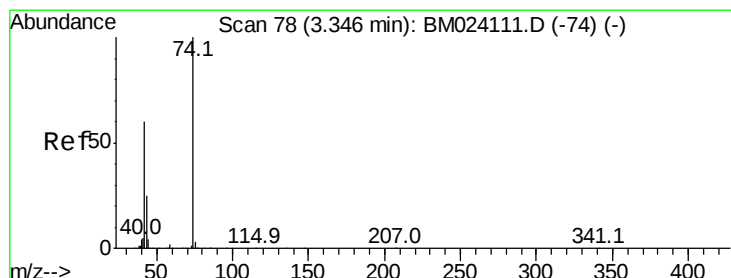
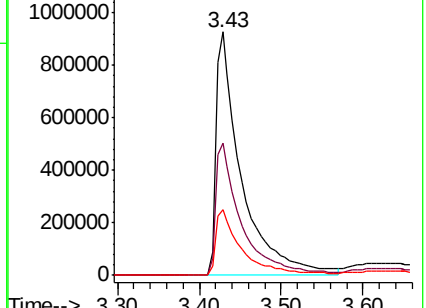
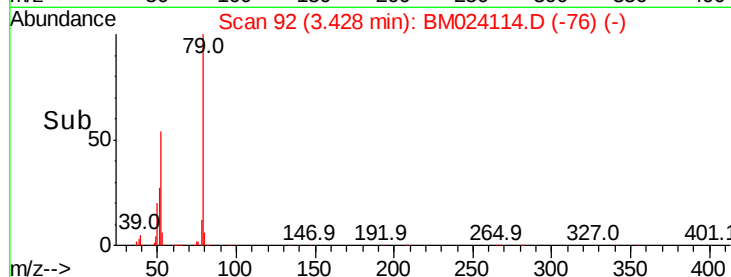
Ion	Ratio	Lower	Upper
79	100		
52	54.4	44.5	66.7
51	27.1	22.6	33.8



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 73.376 ng

RT: 3.35 min Scan# 78

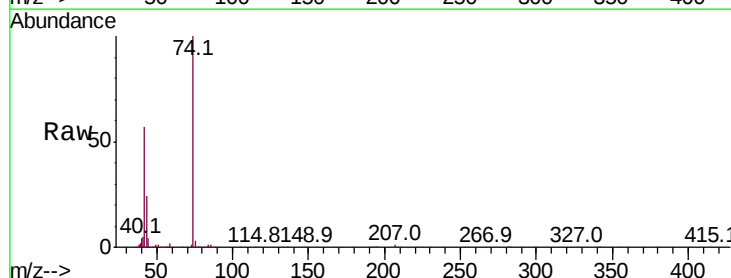
Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion: 42 Resp: 697830

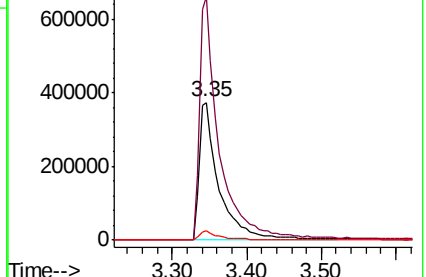
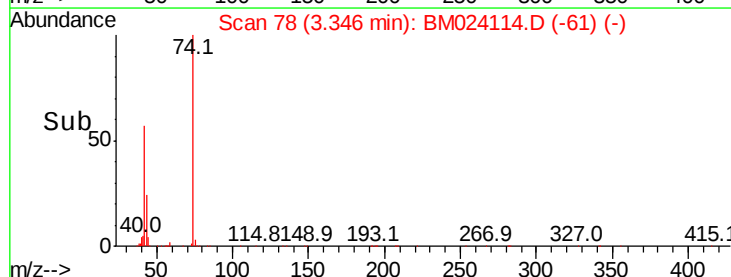
Ion	Ratio	Lower	Upper
42	100		
74	176.4	133.6	200.4
44	6.7	5.4	8.0

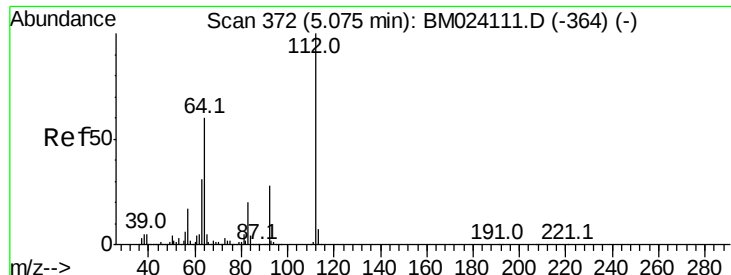


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 140.318 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

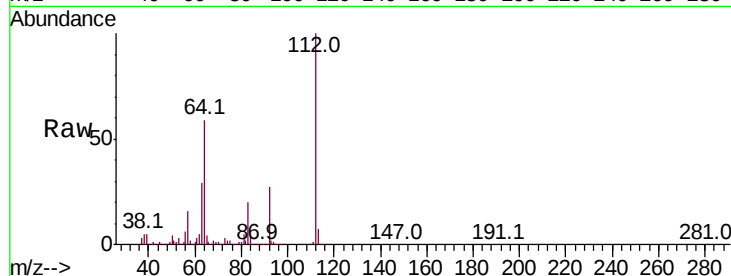
Tot Ion:112 Resp: 3456200

Ion Ratio Lower Upper

112 100

64 58.5 48.4 72.6

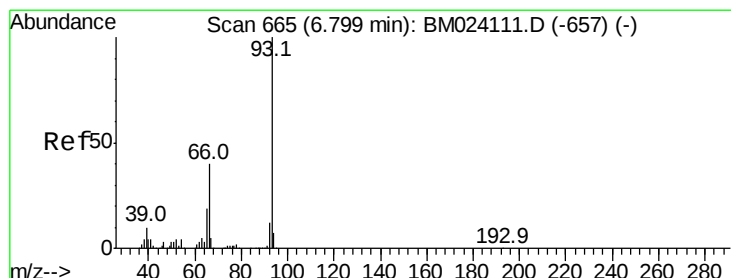
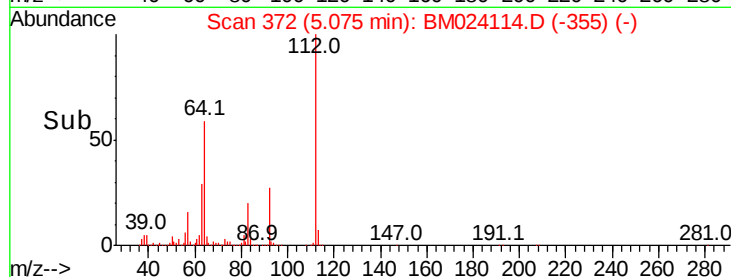
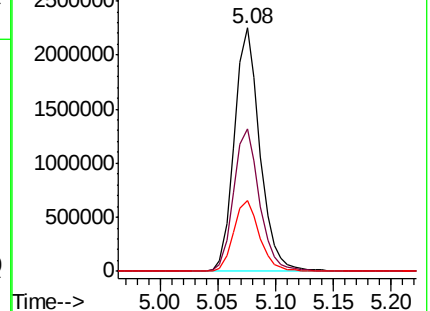
63 29.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 88.464 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

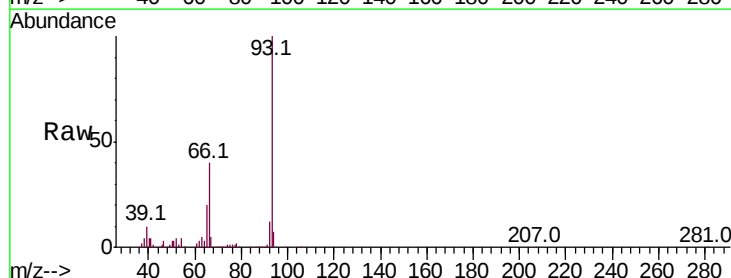
Tgt Ion: 93 Resp: 3355748

Ion Ratio Lower Upper

93 100

66 39.9 32.0 48.0

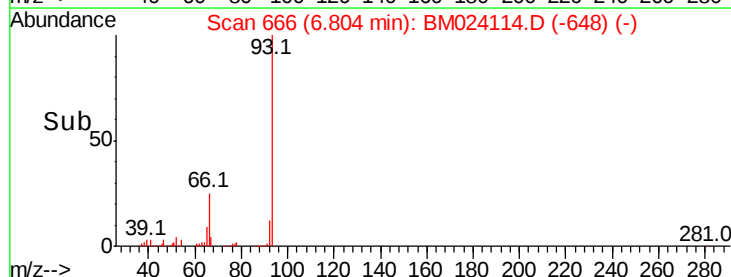
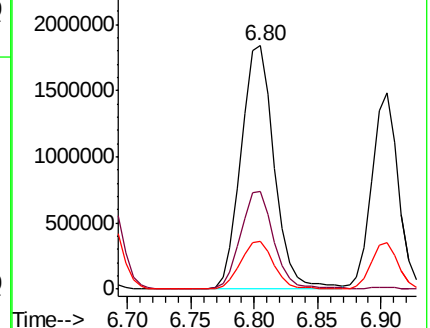
65 19.5 15.4 23.0

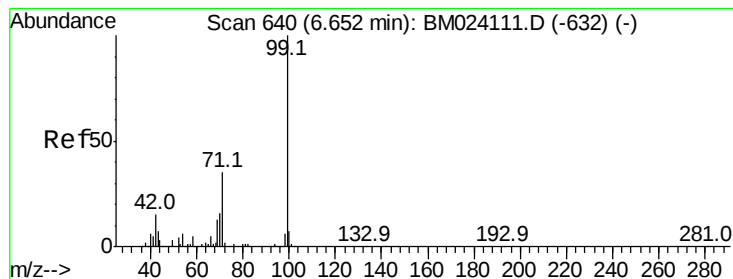


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 168.760 ng

RT: 6.66 min Scan# 642

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

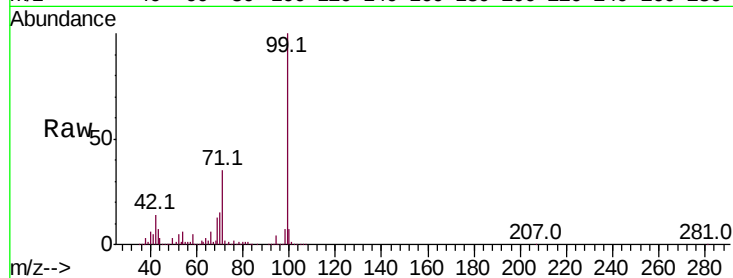
Tot Ion: 99 Resp: 5338872

Ion Ratio Lower Upper

99 100

42 14.2 11.9 17.9

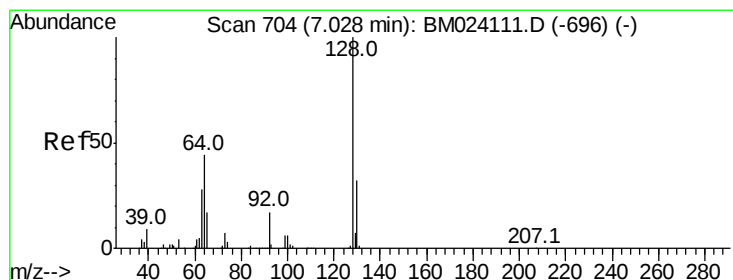
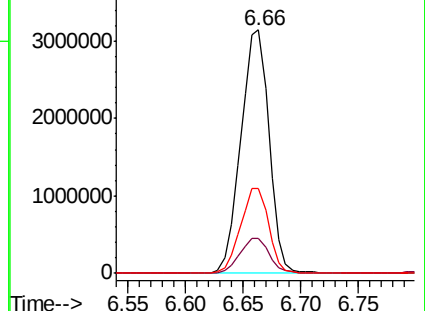
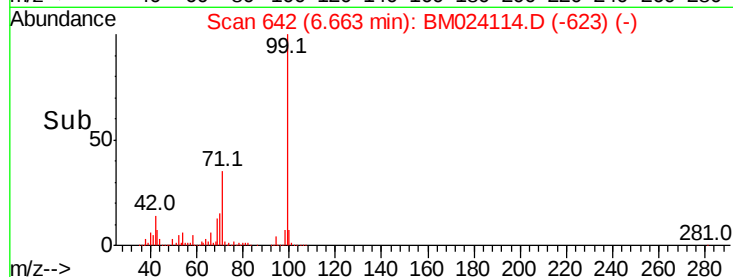
71 34.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM024111.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM024111.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM024111.D (-632) (-)



#8

2-Chlorophenol

Concen: 81.084 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

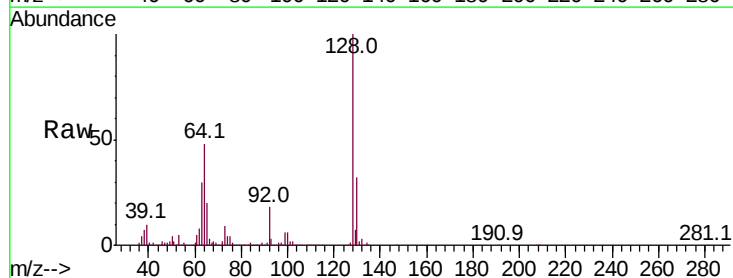
Tgt Ion:128 Resp: 2034879

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

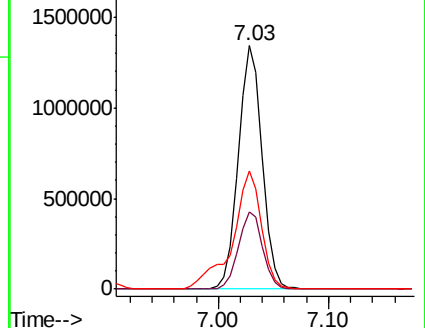
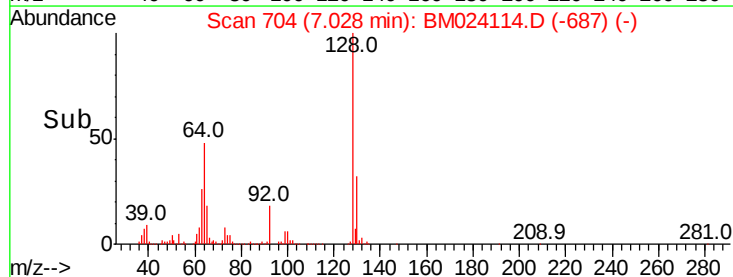
64 48.4 28.9 68.9

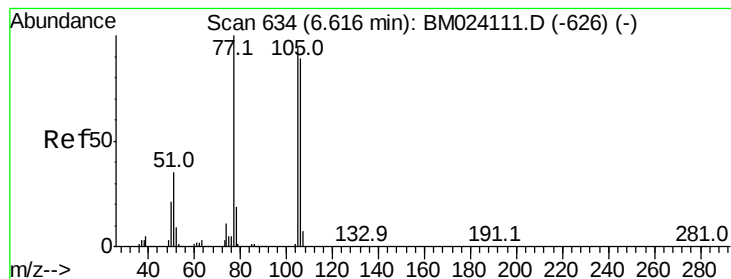


Abundance Ion 128.00 (127.70 to 128.70): BM024111.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM024111.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM024111.D (-696) (-)





#9

Benzaldehyde

Concen: 56.580 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

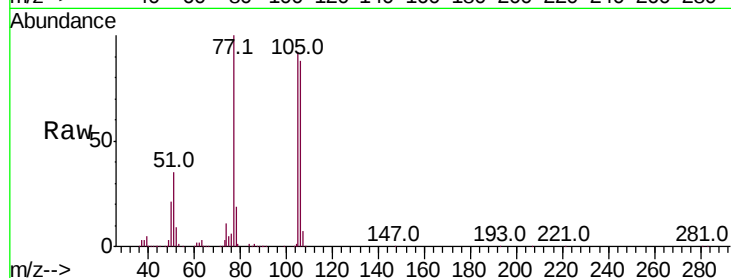
Tot Ion: 77 Resp: 1019209

Ion Ratio Lower Upper

77 100

105 92.2 73.9 113.9

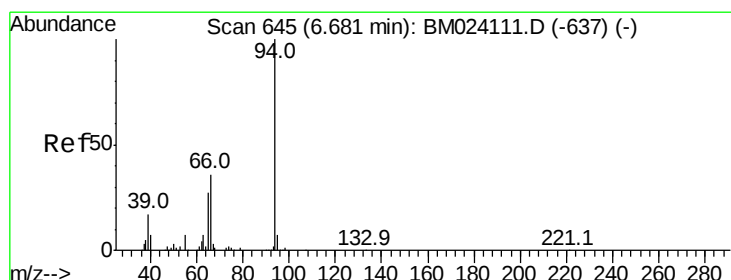
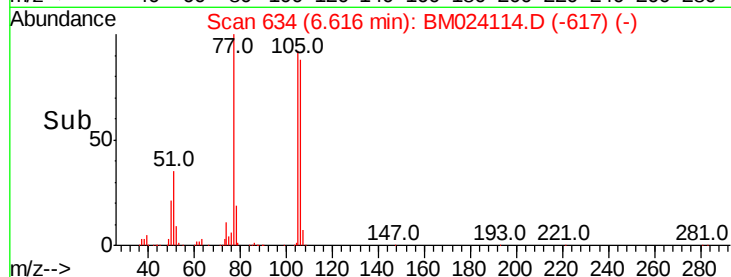
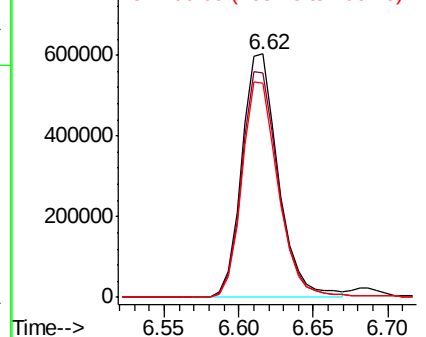
106 88.1 69.3 109.3



Abundance Ion 77.00 (76.70 to 77.70): BM024111.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BM024111.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BM024111.D (-626) (-)



#10

Phenol

Concen: 93.247 ng

RT: 6.69 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

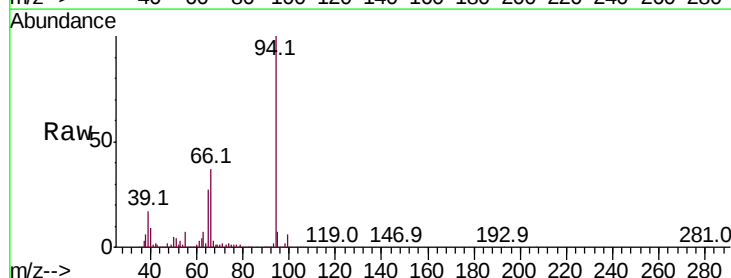
Tgt Ion: 94 Resp: 2777252

Ion Ratio Lower Upper

94 100

65 26.7 7.3 47.3

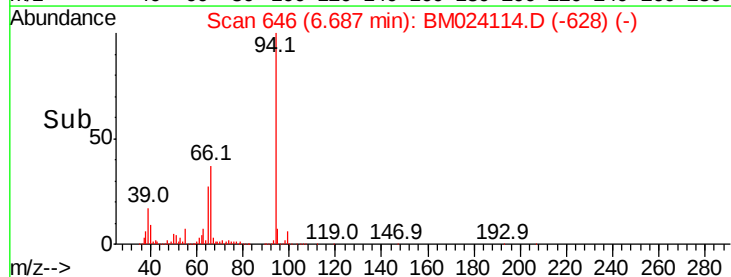
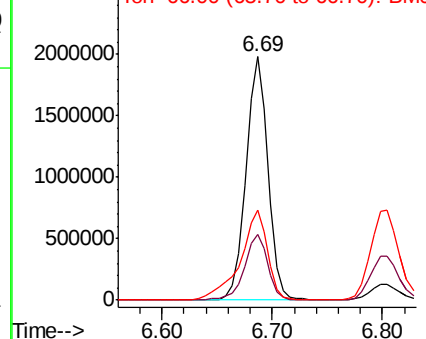
66 36.9 17.3 57.3

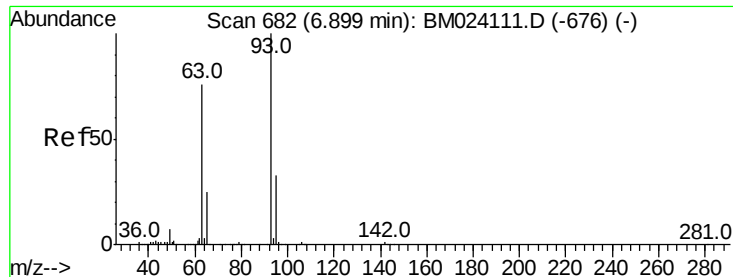


Abundance Ion 94.00 (93.70 to 94.70): BM024111.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM024111.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM024111.D (-637) (-)

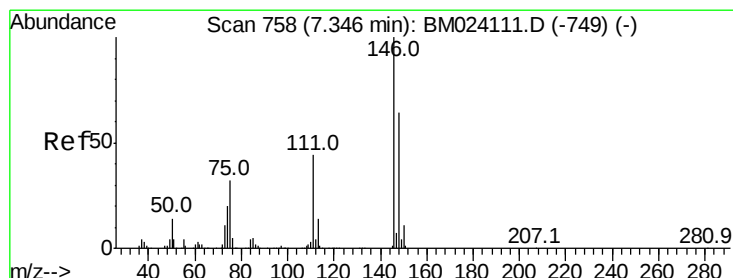
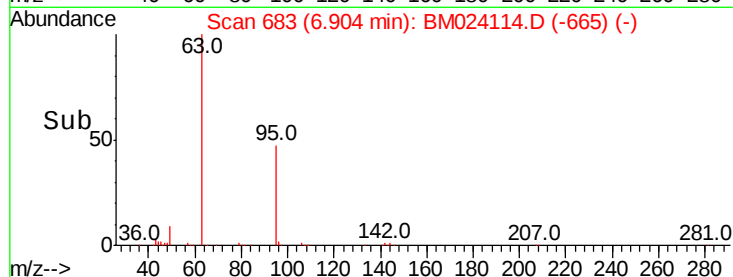
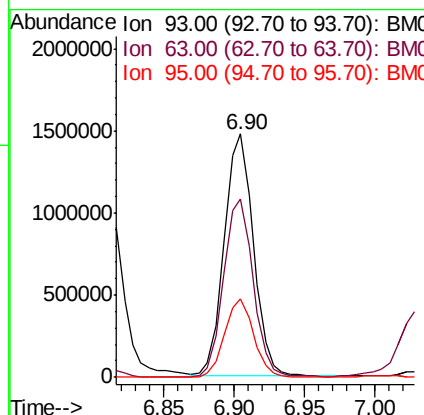
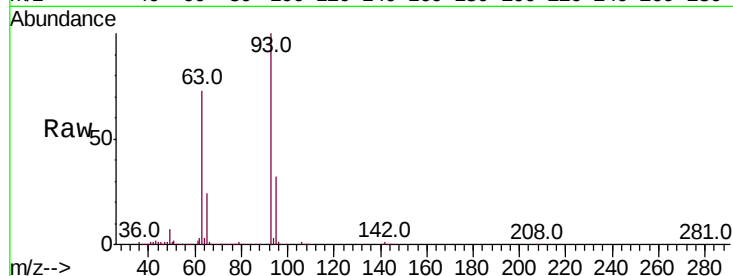




#11
bis(2-Chloroethyl)ether
Concen: 90.593 ng
RT: 6.90 min Scan# 683
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

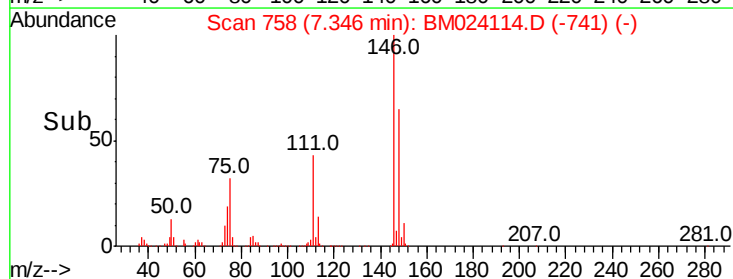
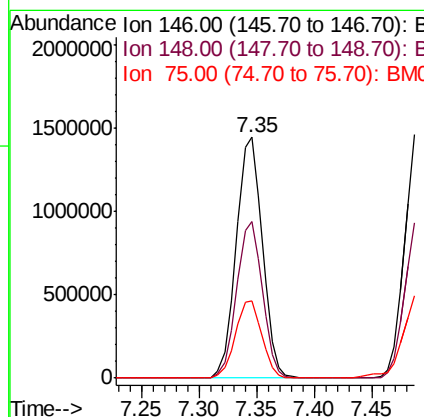
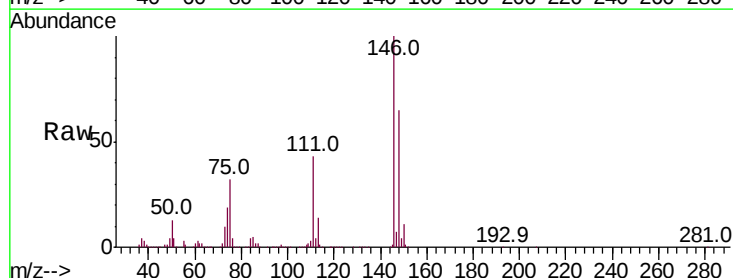
Instrument :
BNA_M
ClientSampleId :

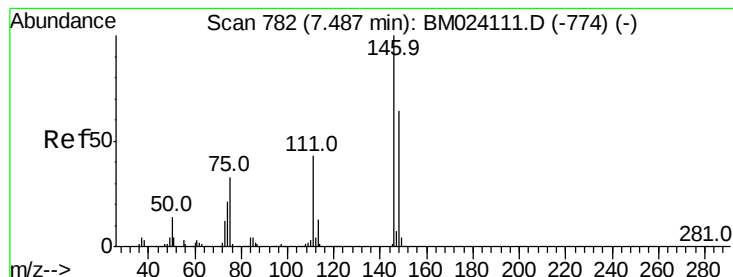
Tot Ion: 93 Resp: 2119886
Ion Ratio Lower Upper
93 100
63 73.3 55.0 95.0
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 75.662 ng
RT: 7.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion: 146 Resp: 2269438
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
75 31.9 25.5 38.3





#13

1,4-Dichlorobenzene

Concen: 76.109 ng

RT: 7.49 min Scan# 783

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

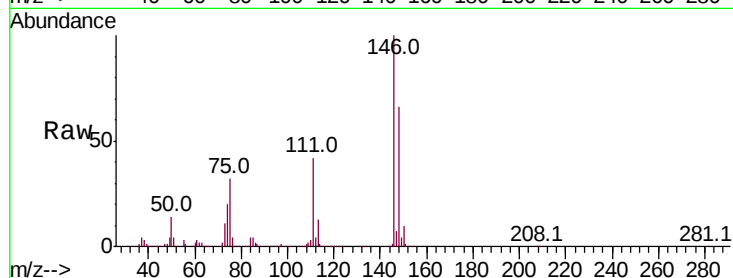
Tot Ion:146 Resp: 2311087

Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.4

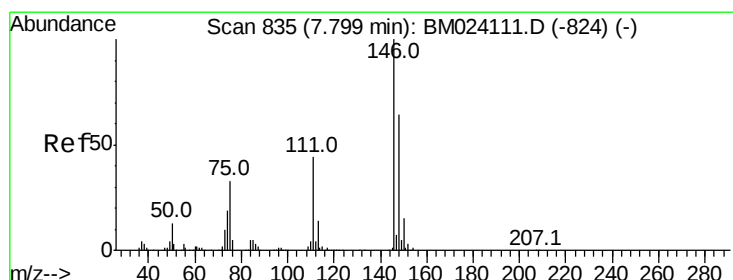
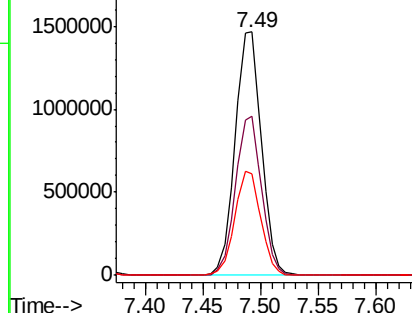
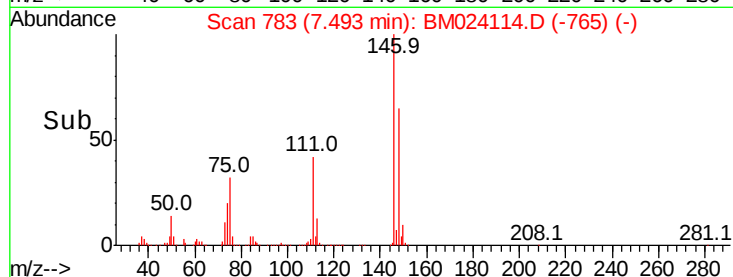
111 41.9 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 78.509 ng

RT: 7.80 min Scan# 836

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

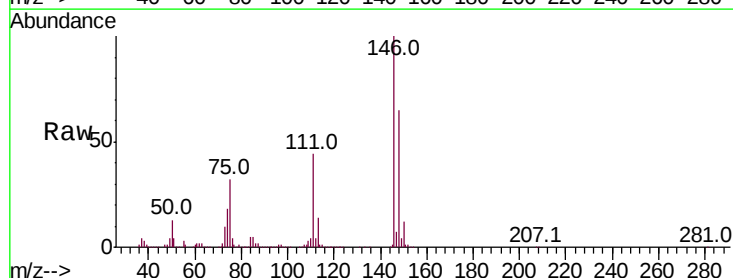
Tgt Ion:146 Resp: 2272792

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

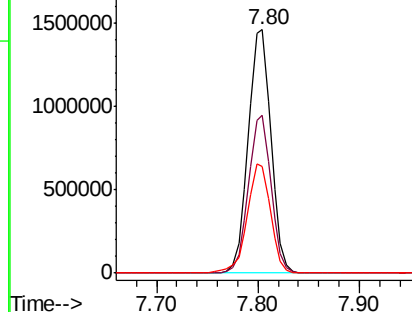
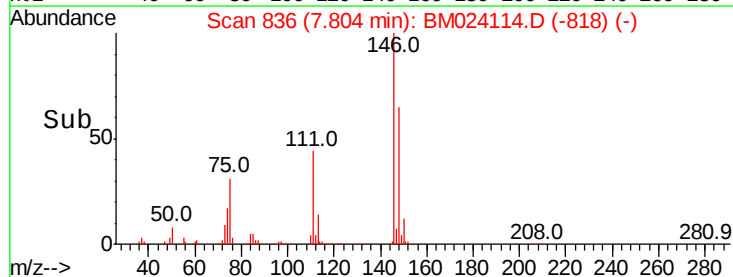
111 43.9 34.8 52.2

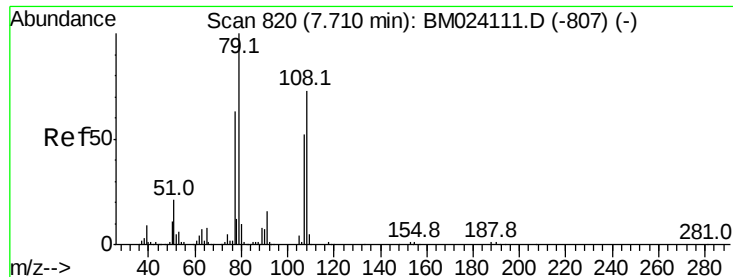


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 106.547 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

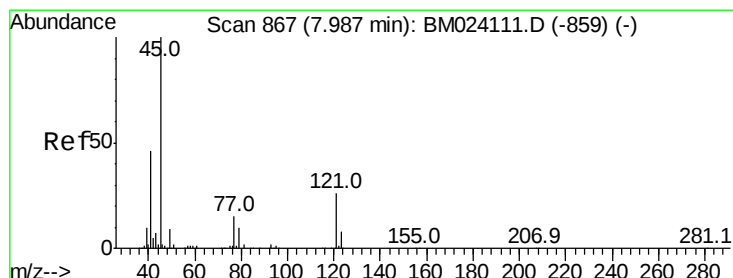
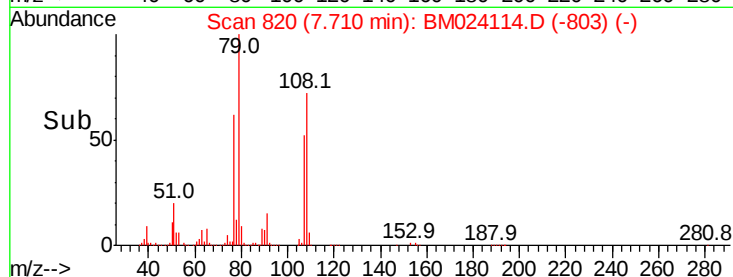
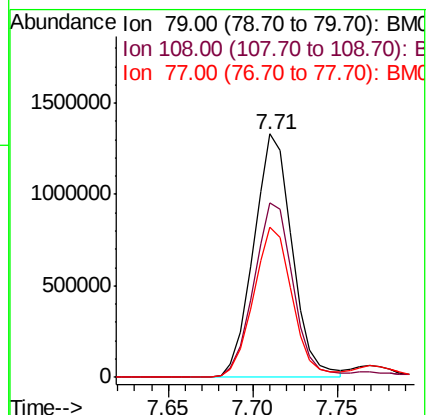
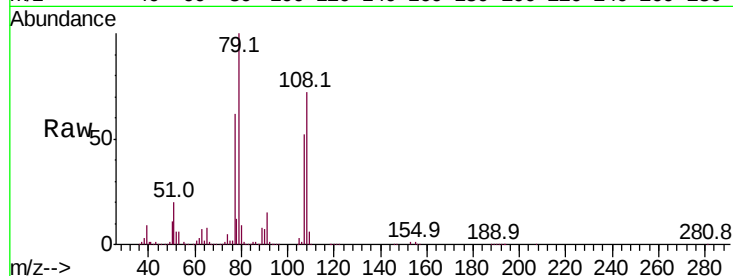
Tot Ion: 79 Resp: 2109168

Ion Ratio Lower Upper

79 100

108 71.9 58.7 88.1

77 61.6 50.7 76.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 74.286 ng

RT: 8.00 min Scan# 869

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

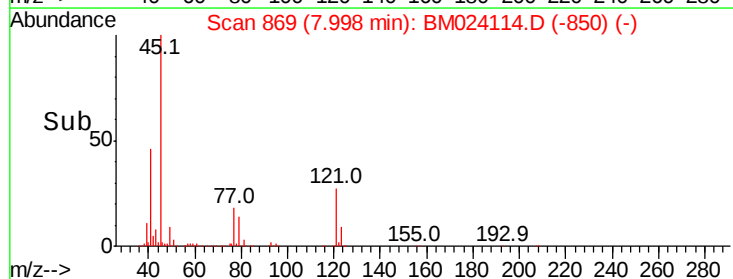
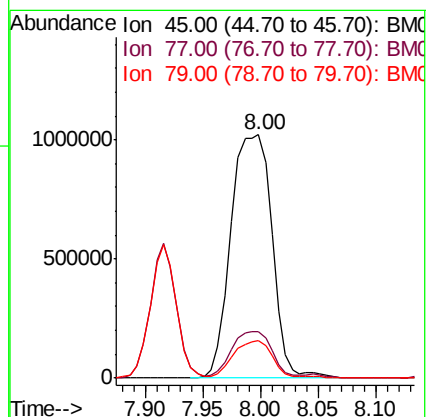
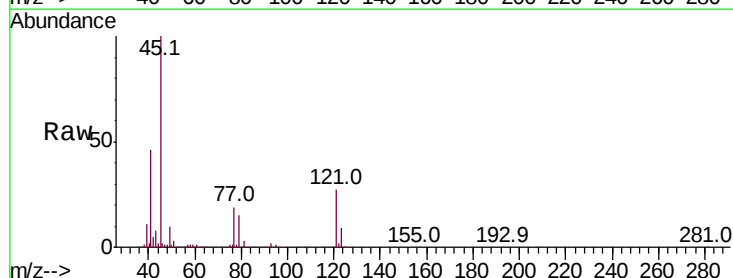
Tgt Ion: 45 Resp: 2525112

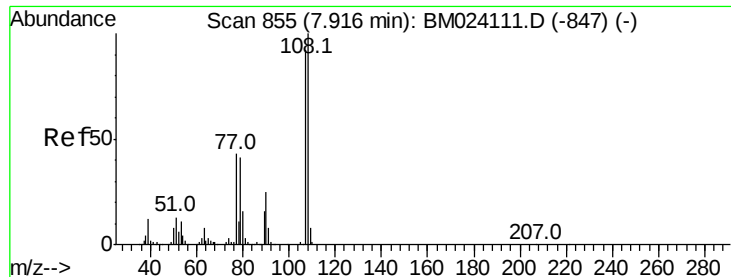
Ion Ratio Lower Upper

45 100

77 19.0 0.0 38.7

79 15.2 0.0 33.8





#17

2-Methylphenol

Concen: 94.863 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 1870128

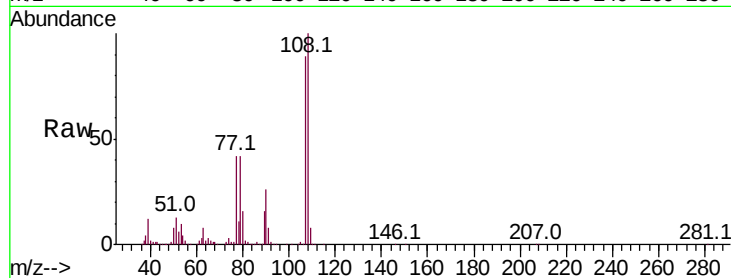
Ion Ratio Lower Upper

107 100

108 111.8 87.5 131.3

77 47.1 37.6 56.4

79 46.7 36.6 54.8

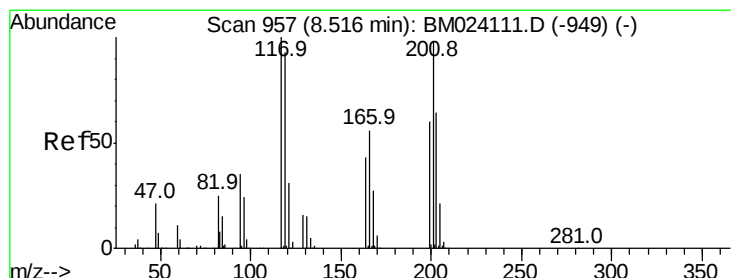
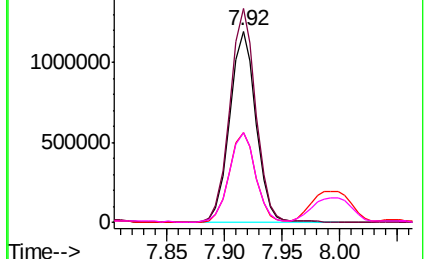
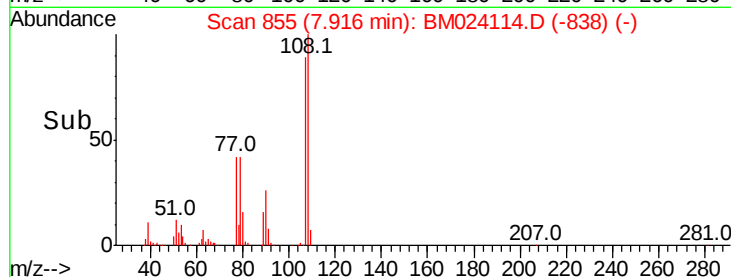


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 78.442 ng

RT: 8.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

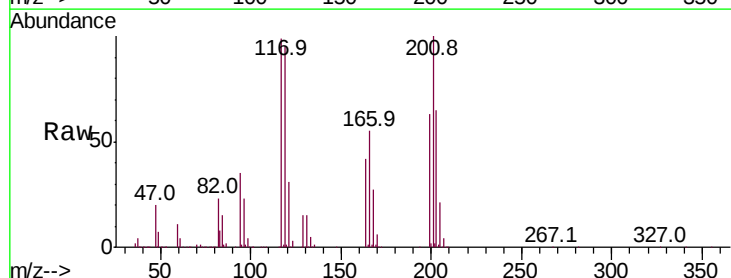
Tgt Ion:117 Resp: 873621

Ion Ratio Lower Upper

117 100

119 95.1 74.7 112.1

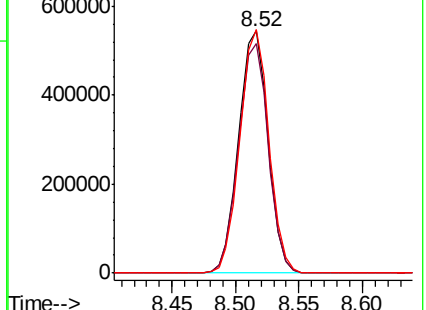
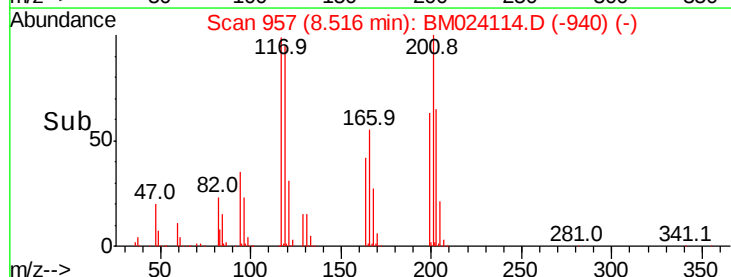
201 100.6 78.2 117.2

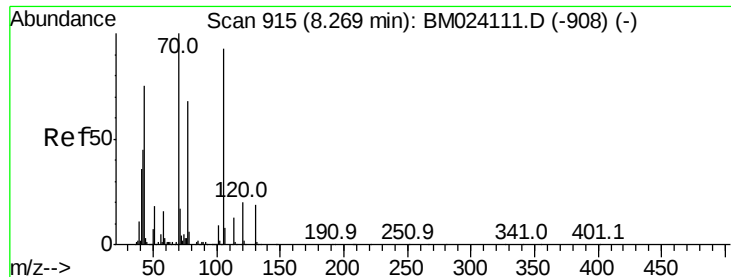


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 109.085 ng

RT: 8.28 min Scan# 917

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 1927106

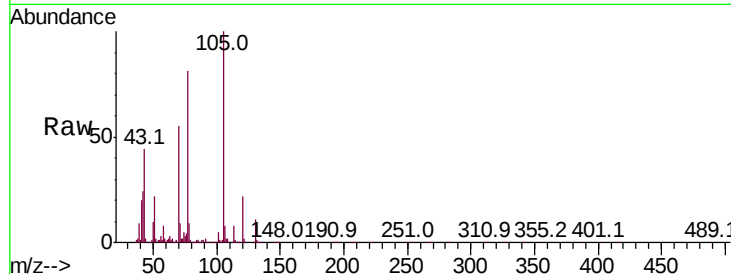
Ion Ratio Lower Upper

70 100

42 43.9 36.3 54.5

101 9.7 7.5 11.3

130 20.5 15.0 22.6

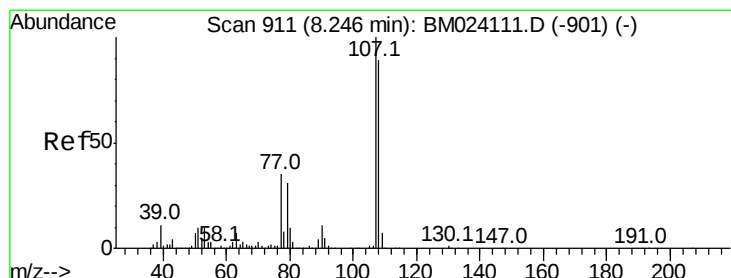
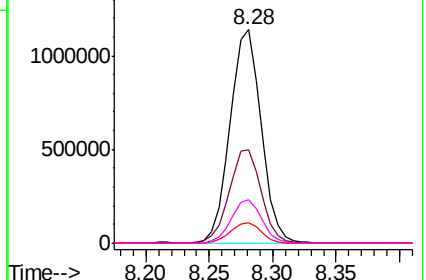
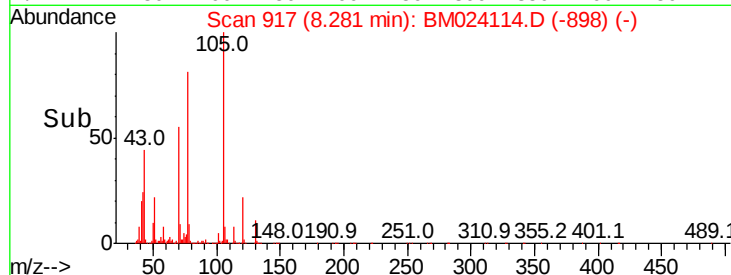


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 98.370 ng

RT: 8.25 min Scan# 912

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion: 107 Resp: 2582986

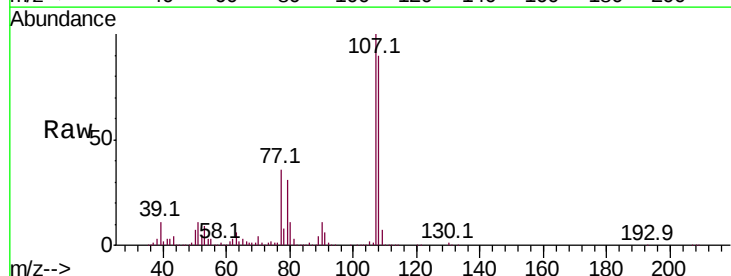
Ion Ratio Lower Upper

107 100

108 89.8 68.9 108.9

77 35.7 15.1 55.1

79 30.6 10.6 50.6

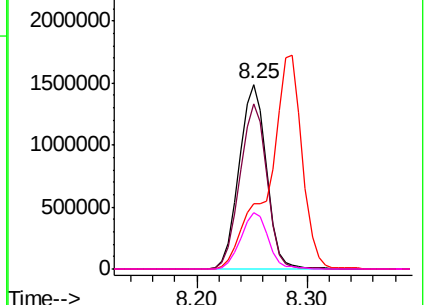
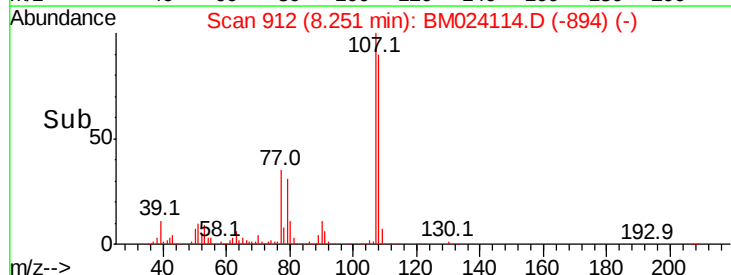


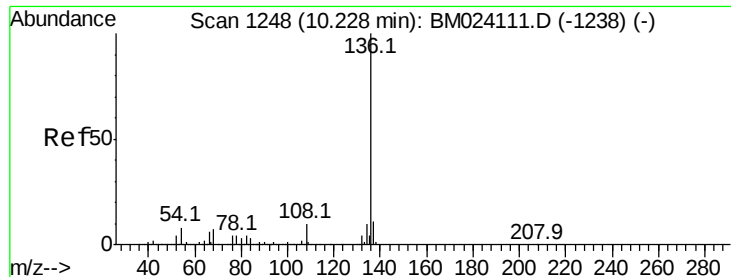
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

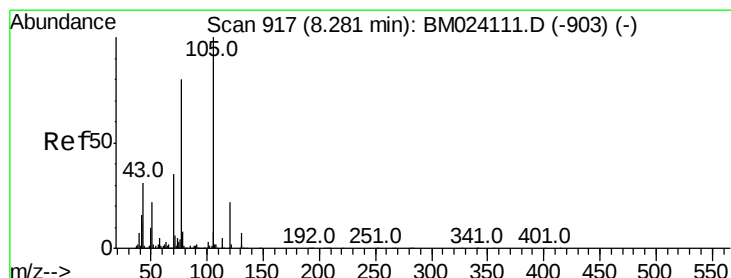
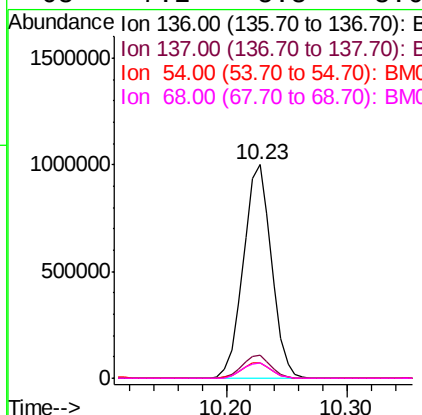
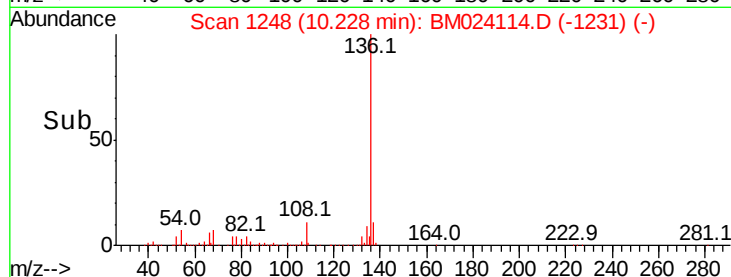
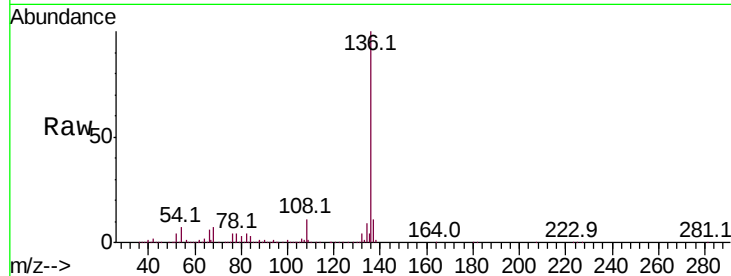




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

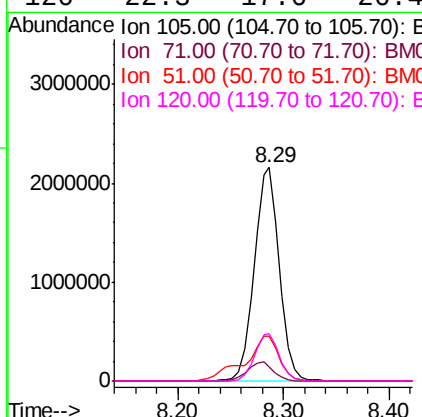
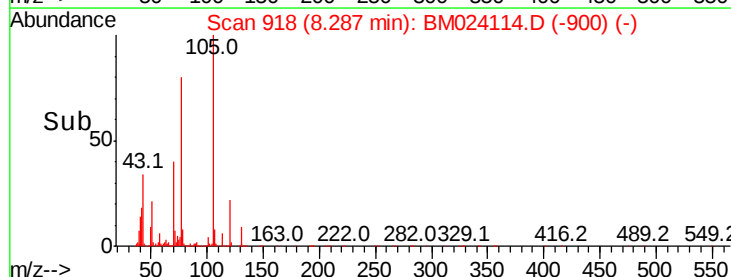
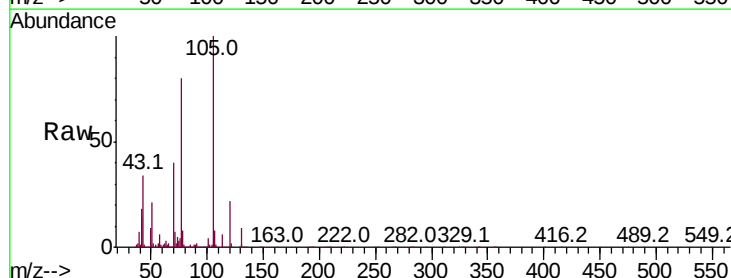
Instrument :
BNA_M
ClientSampleId :

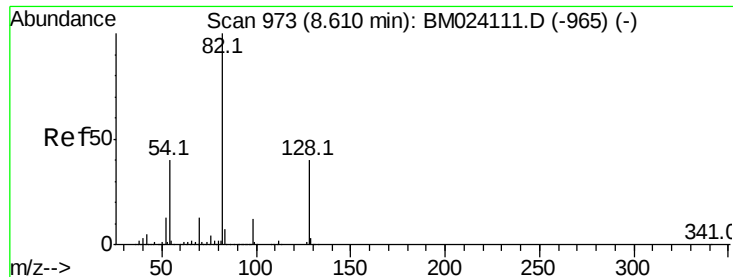
Tot Ion:136 Resp: 1627889
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.2 6.0 9.0
68 7.2 5.8 8.6



#22
Acetophenone
Concen: 88.549 ng
RT: 8.29 min Scan# 918
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:105 Resp: 3558144
Ion Ratio Lower Upper
105 100
71 6.8 4.6 6.8
51 21.2 17.4 26.2
120 22.3 17.6 26.4





#23

Nitrobenzene-d5

Concen: 190.000 ng

RT: 8.62 min Scan# 974

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

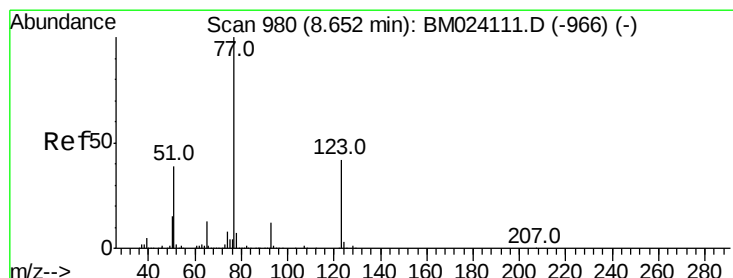
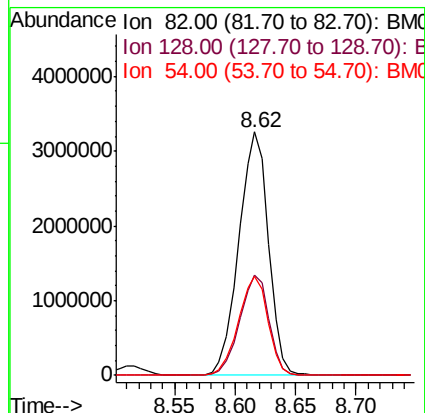
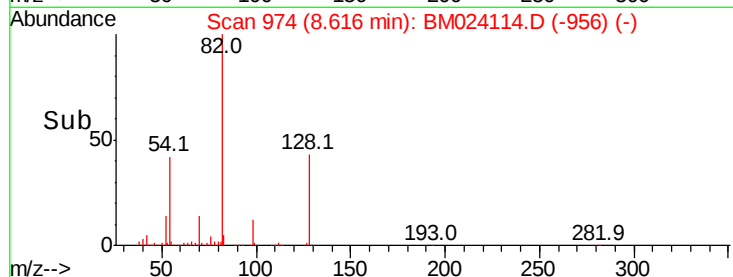
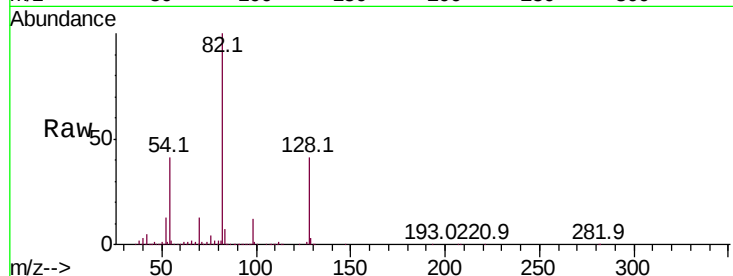
Tot Ion: 82 Resp: 5571949

Ion Ratio Lower Upper

82 100

128 41.1 31.8 47.8

54 40.5 32.2 48.2



#24

Nitrobenzene

Concen: 96.554 ng

RT: 8.66 min Scan# 981

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

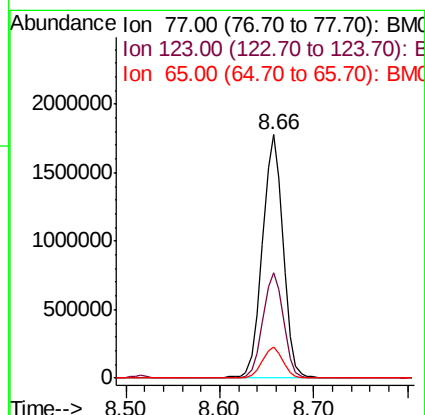
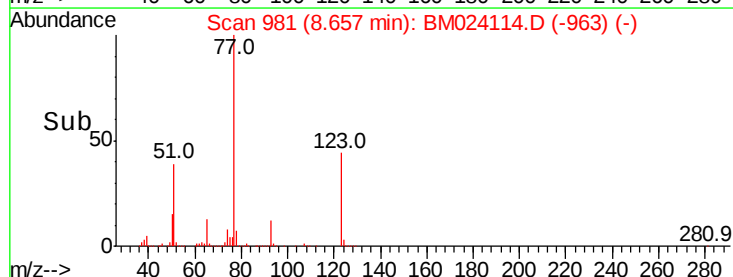
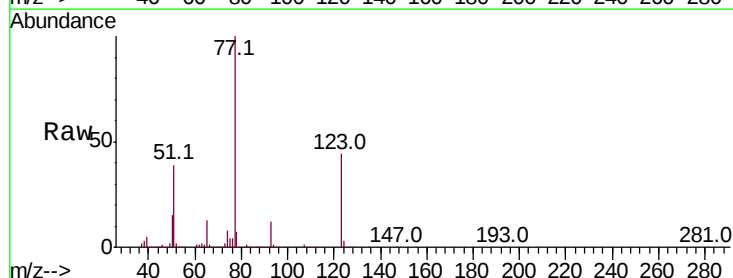
Tgt Ion: 77 Resp: 2709197

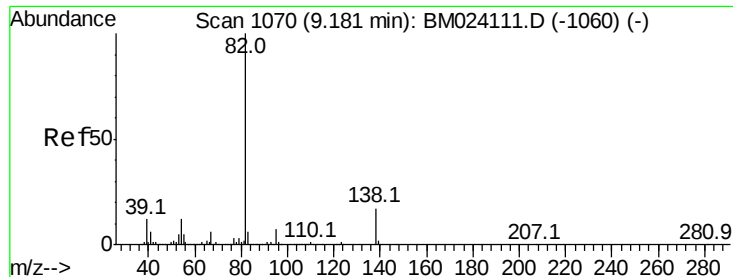
Ion Ratio Lower Upper

77 100

123 43.5 33.8 50.6

65 12.8 10.3 15.5





#25

Isophorone

Concen: 105.524 ng

RT: 9.19 min Scan# 1071

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

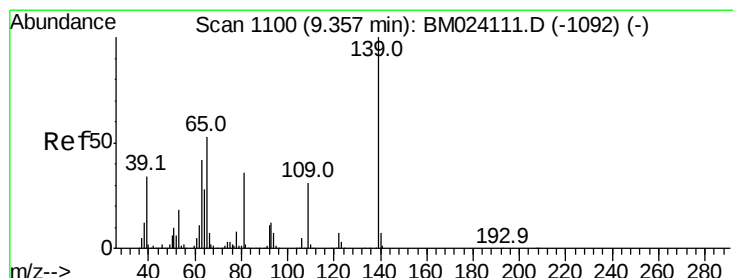
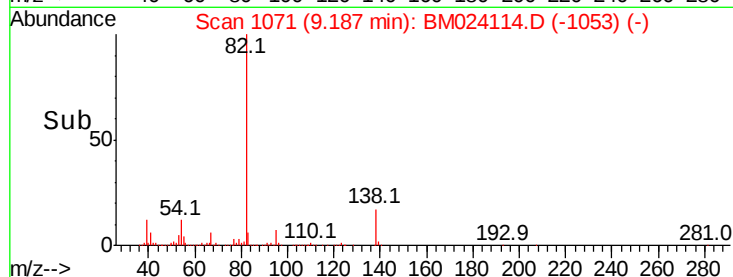
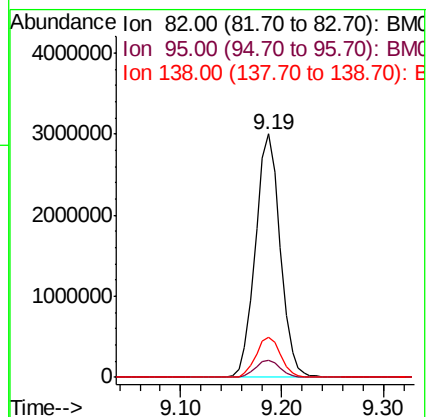
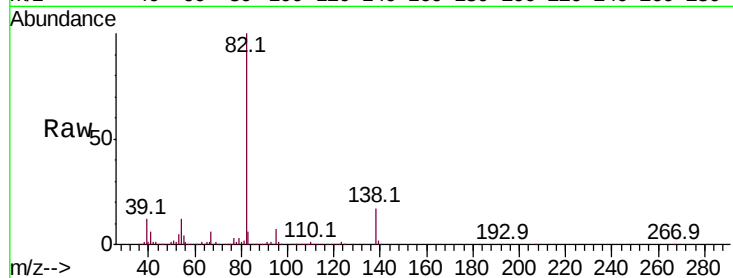
Tot Ion: 82 Resp: 5088289

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 16.7 13.3 19.9



#26

2-Nitrophenol

Concen: 103.932 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

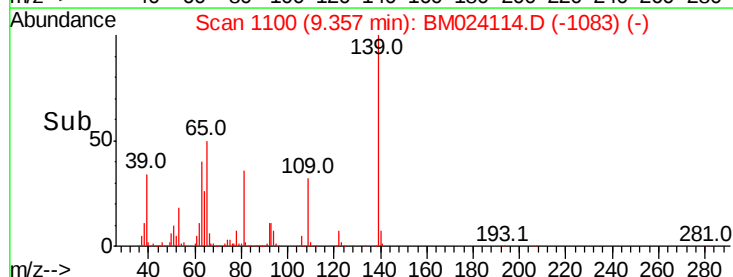
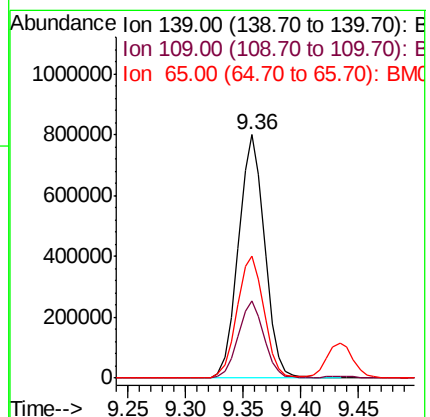
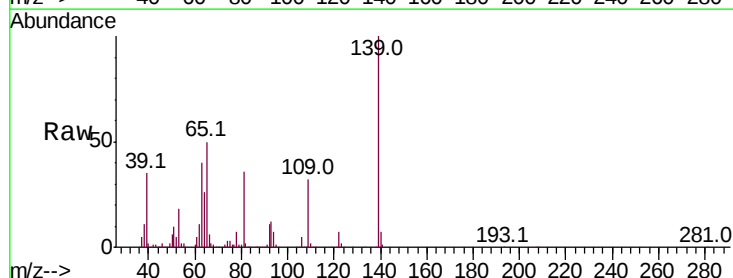
Tgt Ion: 139 Resp: 1258934

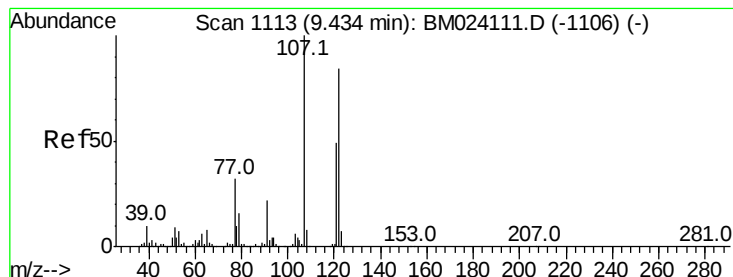
Ion Ratio Lower Upper

139 100

109 31.8 24.5 36.7

65 50.3 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 87.162 ng

RT: 9.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

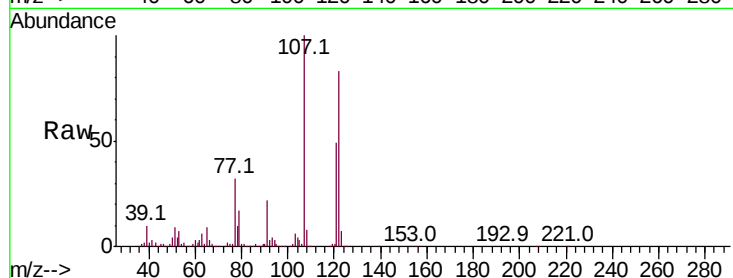
Tot Ion:122 Resp: 1767515

Ion Ratio Lower Upper

122 100

107 119.9 95.8 143.6

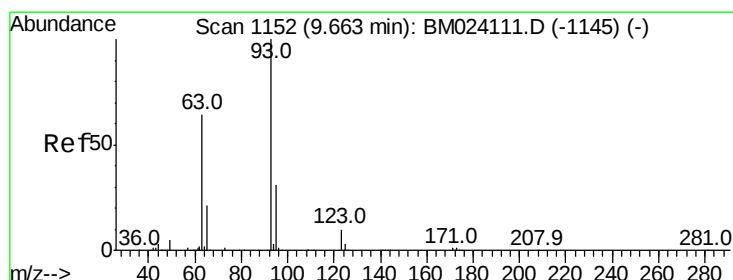
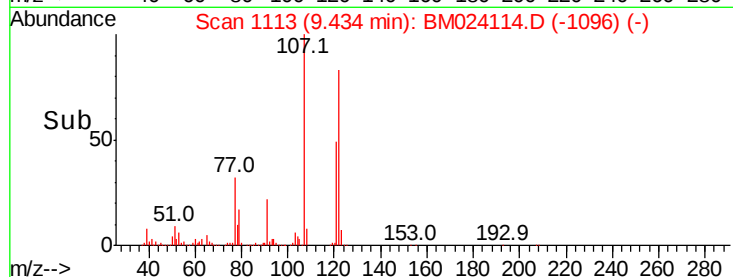
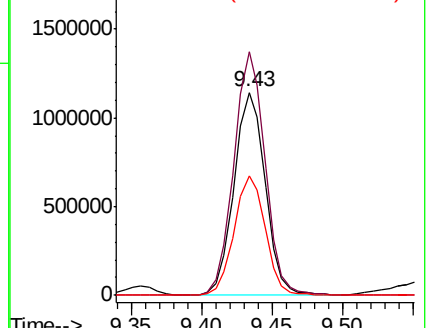
121 59.0 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 94.719 ng

RT: 9.66 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

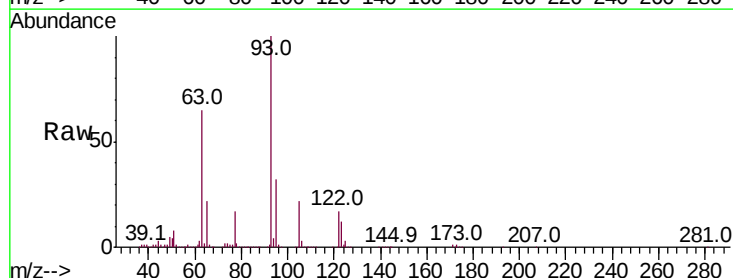
Tgt Ion: 93 Resp: 3160515

Ion Ratio Lower Upper

93 100

95 32.2 25.1 37.7

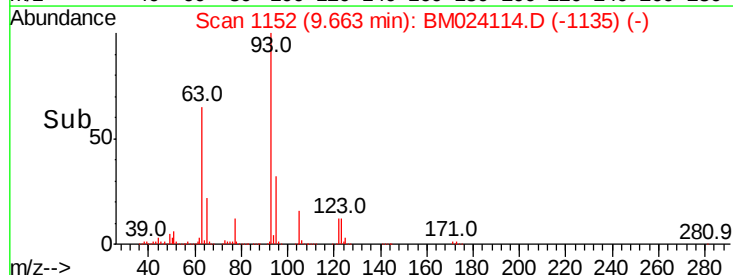
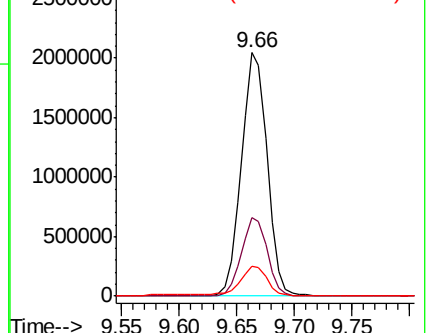
123 12.0 8.5 12.7

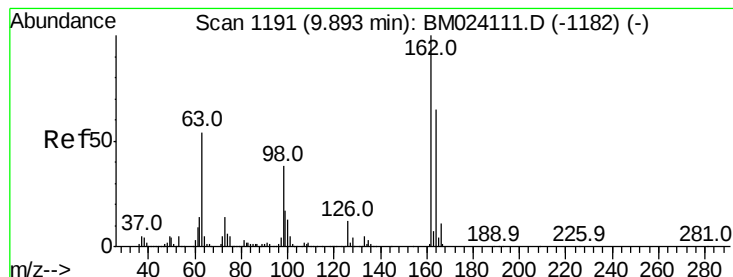


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 92.084 ng

RT: 9.89 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

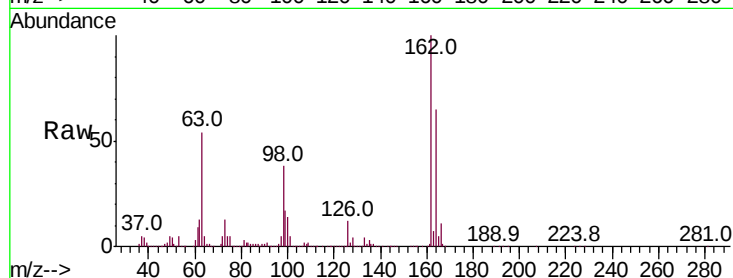
Tot Ion:162 Resp: 2111182

Ion Ratio Lower Upper

162 100

164 64.7 45.1 85.1

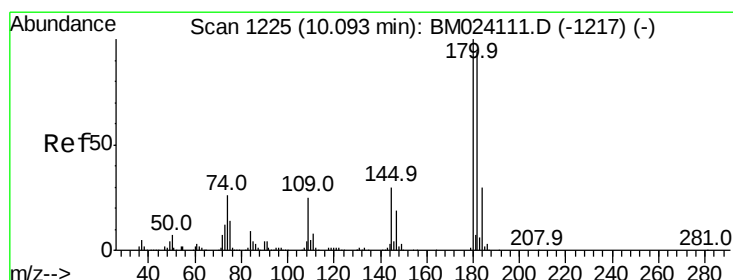
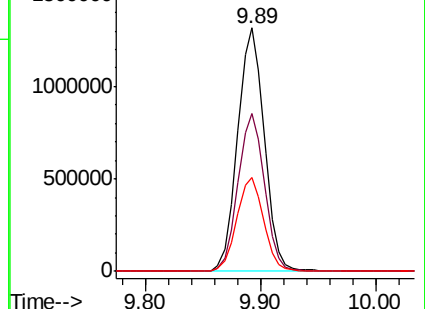
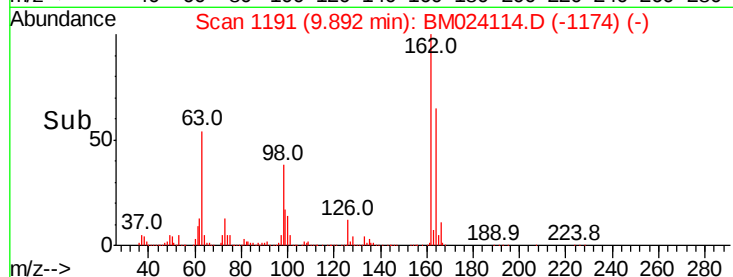
98 38.5 18.2 58.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 83.366 ng

RT: 10.10 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

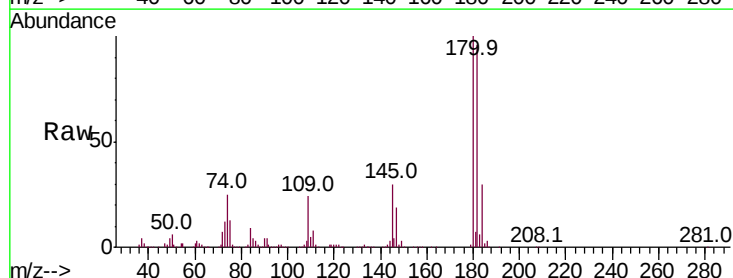
Tgt Ion:180 Resp: 2351549

Ion Ratio Lower Upper

180 100

182 96.1 75.5 113.3

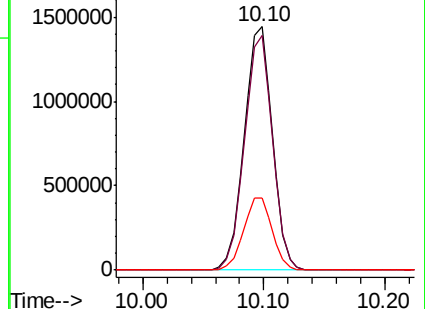
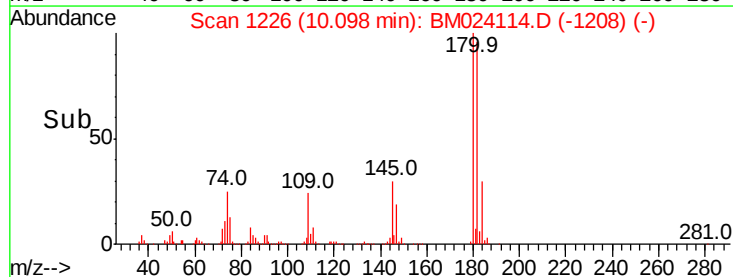
145 29.7 24.4 36.6

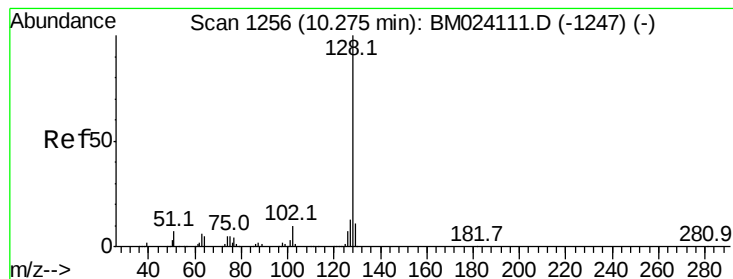


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 86.815 ng

RT: 10.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

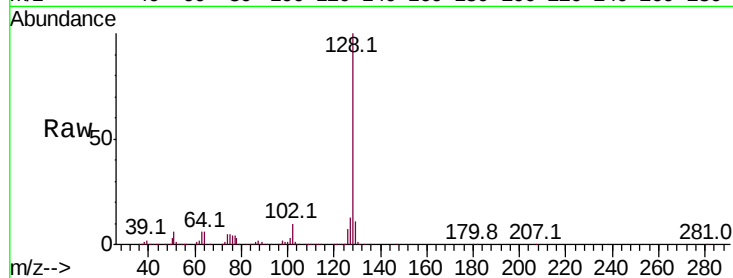
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 6982935

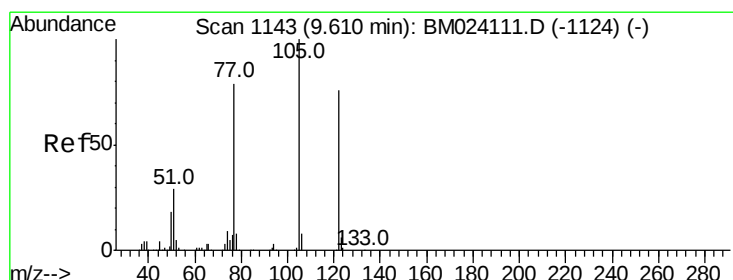
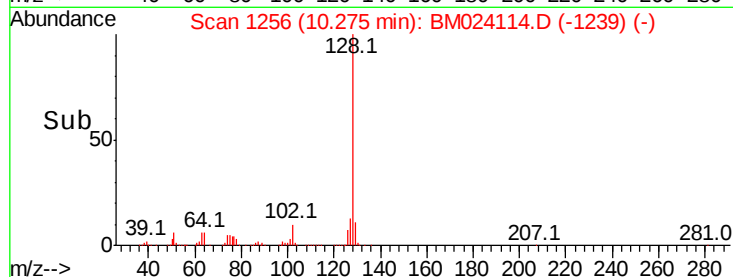
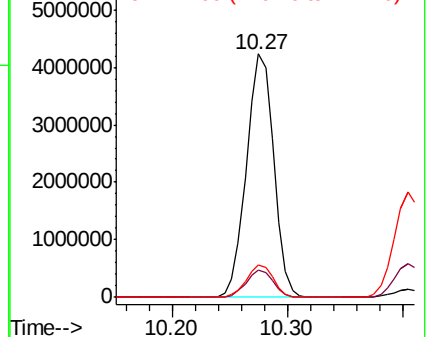
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.4	10.5	15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 117.779 ng

RT: 9.67 min Scan# 1153

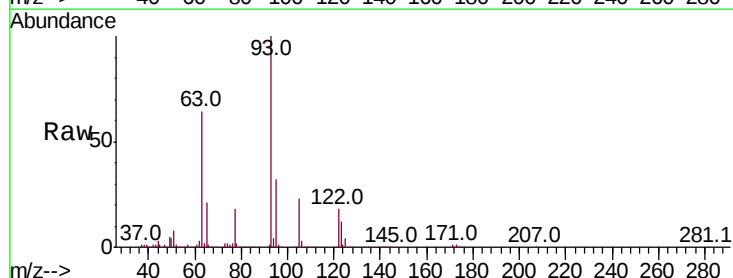
Delta R.T. 0.06 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion:122 Resp: 1537196

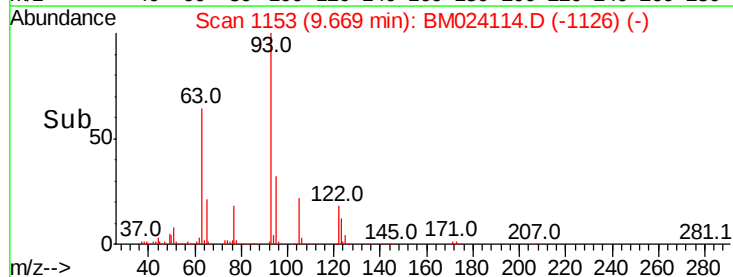
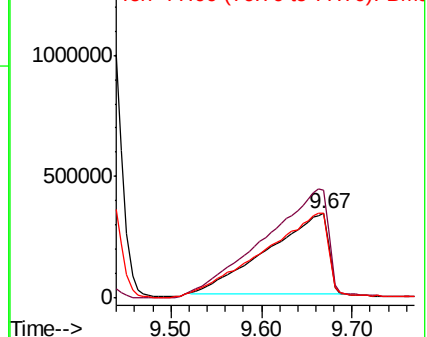
Ion	Ratio	Lower	Upper
122	100		
105	126.7	110.4	150.4
77	100.7	83.0	123.0

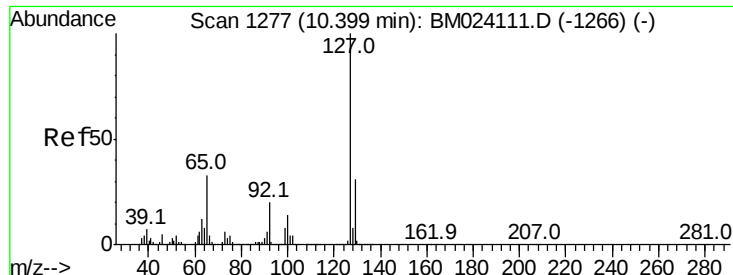


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

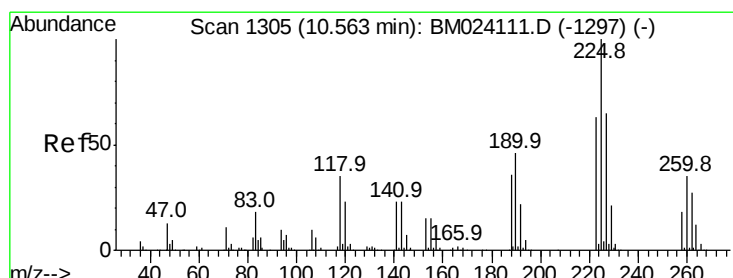
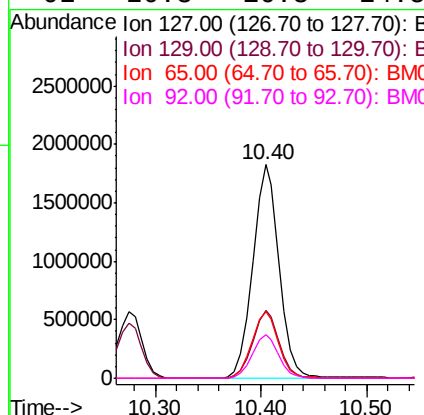
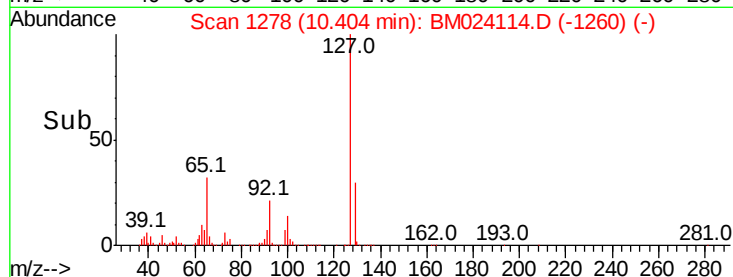
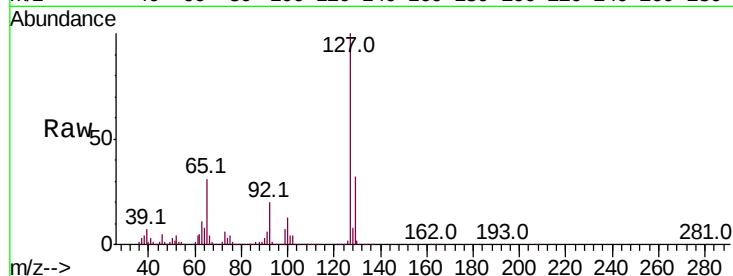




#33
4-Chloroaniline
Concen: 90.974 ng
RT: 10.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

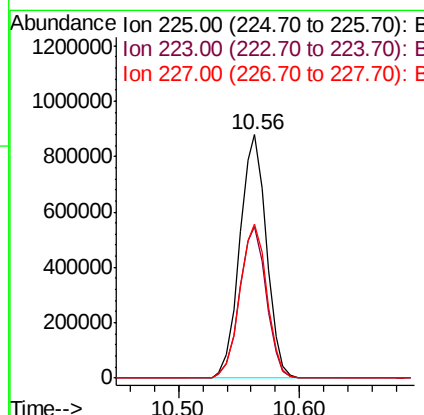
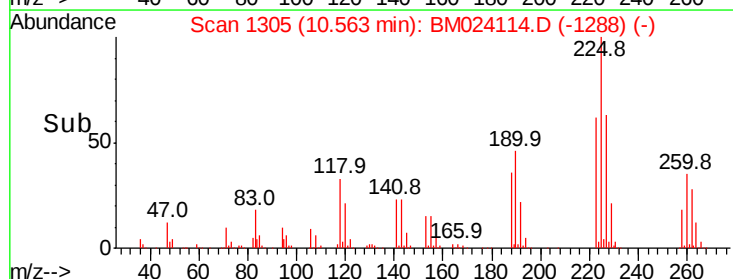
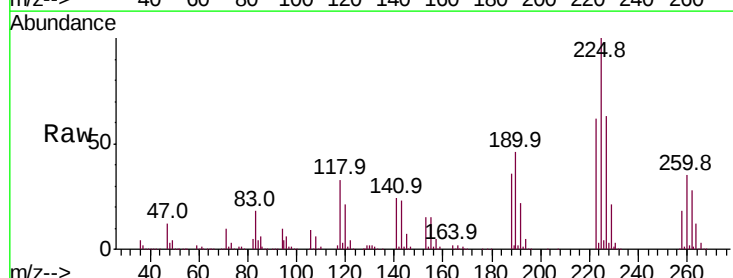
Instrument :
BNA_M
ClientSampled :

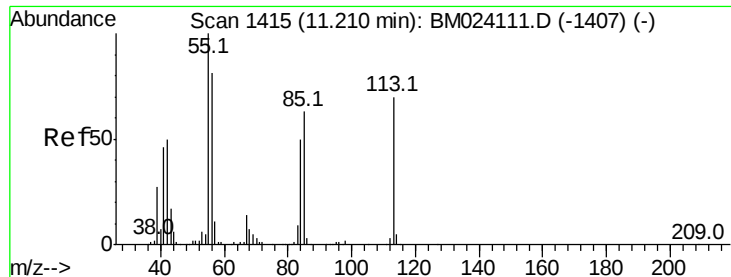
Tot Ion:	127	Resp:	3177129
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.9	37.3
65	31.4	26.2	39.4
92	20.3	16.3	24.5



#34
Hexachlorobutadiene
Concen: 80.520 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:	225	Resp:	1353923
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	75.8
227	63.0	52.2	78.4





#35

Caprolactam

Concen: 92.428 ng

RT: 11.25 min Scan# 1421

Delta R.T. 0.04 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

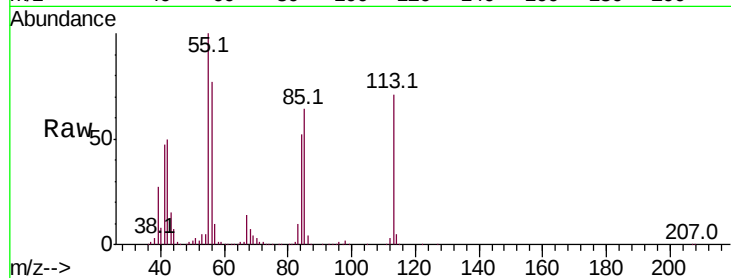
Tot Ion:113 Resp: 628224

Ion Ratio Lower Upper

113 100

55 140.1 122.4 162.4

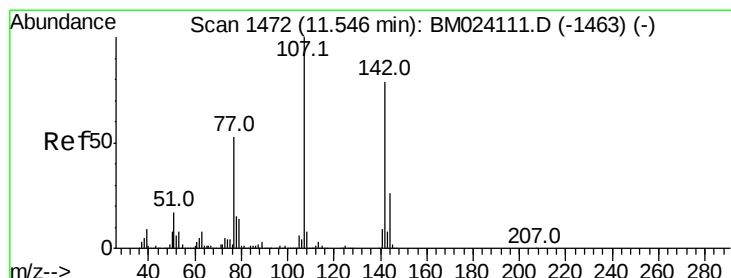
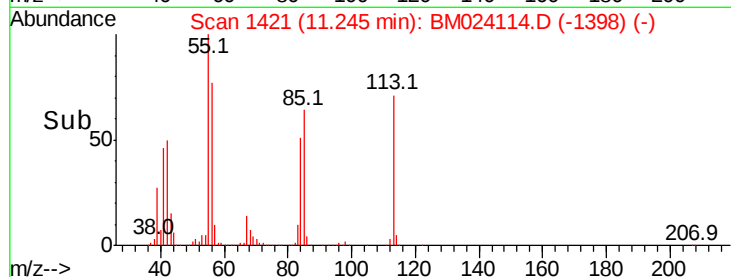
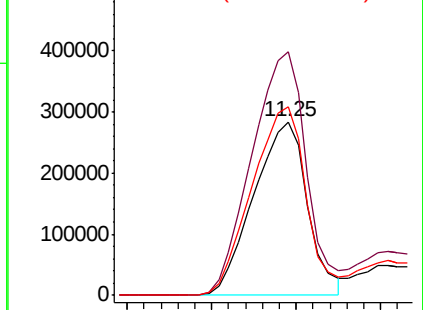
56 108.4 95.5 135.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 111.525 ng

RT: 11.55 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

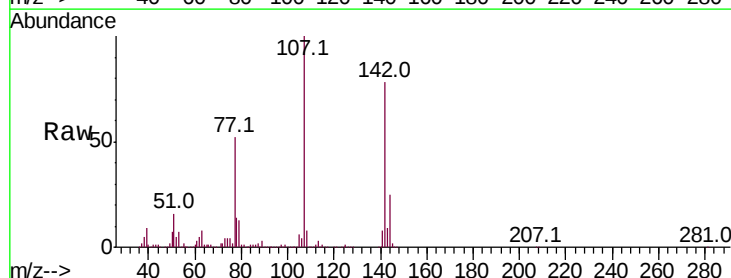
Tgt Ion:107 Resp: 2494625

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

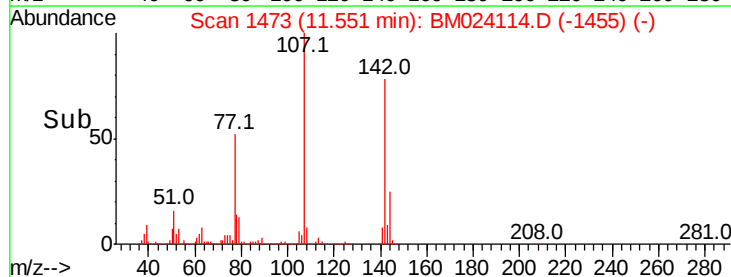
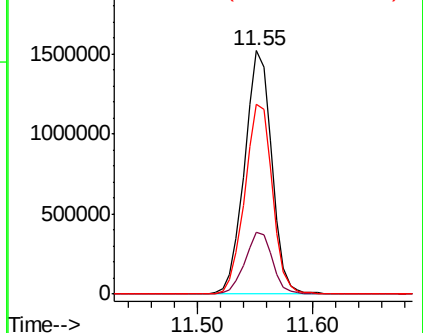
142 77.8 63.6 95.4

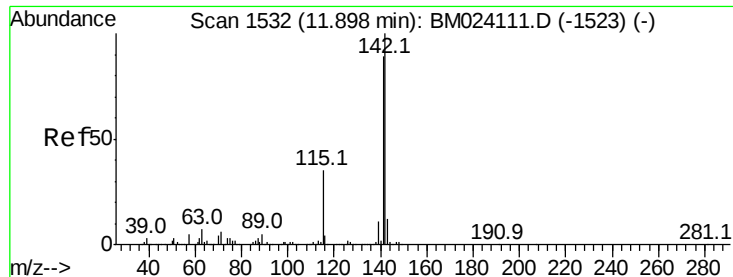


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 92.889 ng

RT: 11.90 min Scan# 1533

Delta R.T. 0.01 min

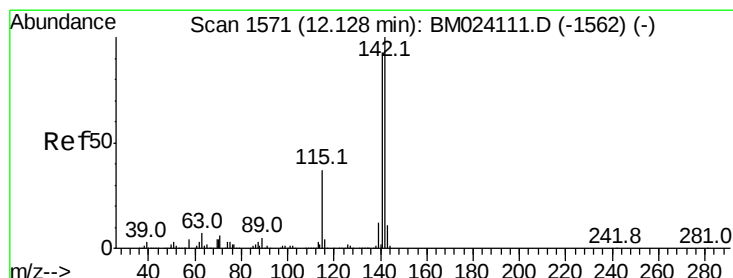
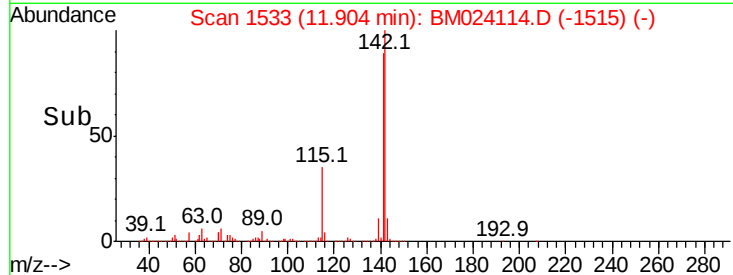
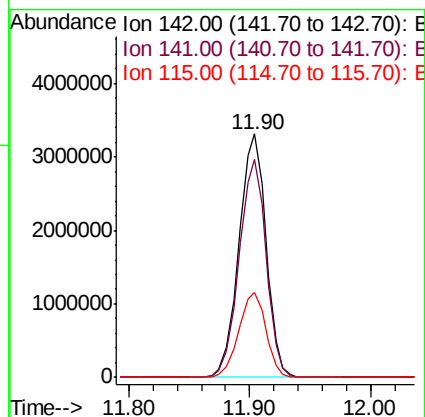
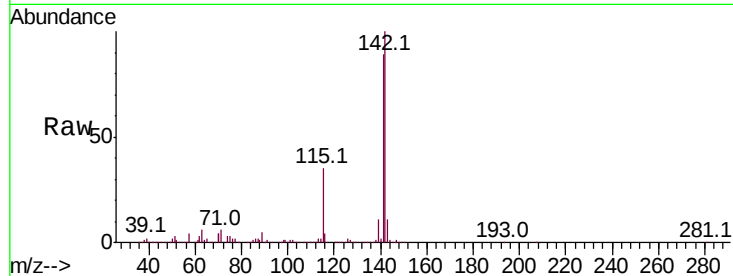
Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 5200738

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	34.9	28.4	42.6



#38

1-Methylnaphthalene

Concen: 93.052 ng

RT: 12.13 min Scan# 1571

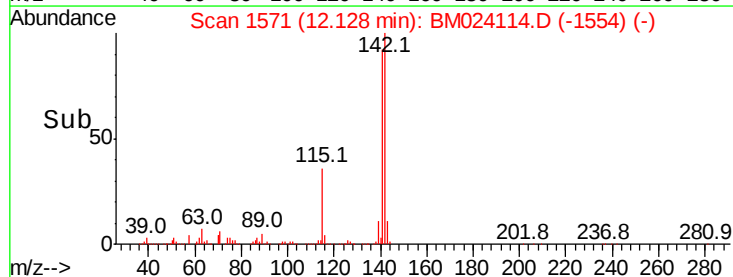
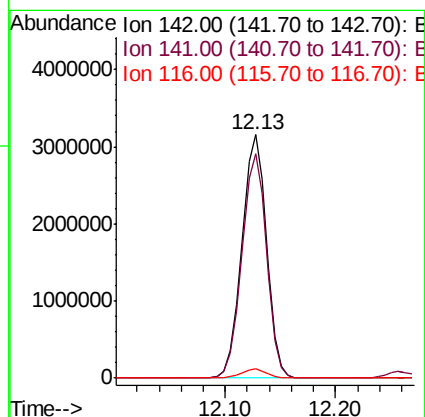
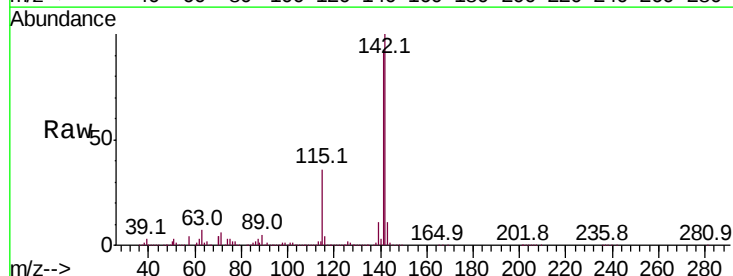
Delta R.T. -0.00 min

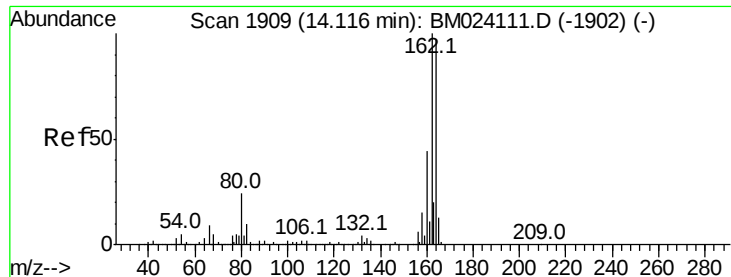
Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion:142 Resp: 4945321

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.5	111.7
116	3.8	3.1	4.7

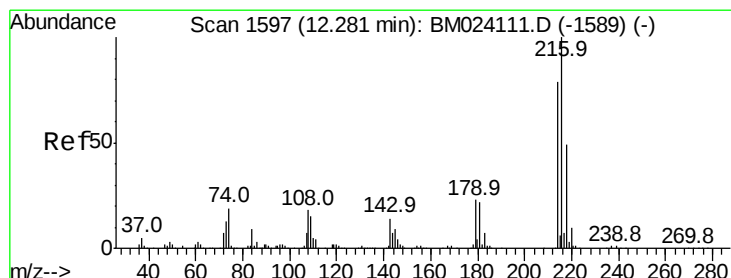
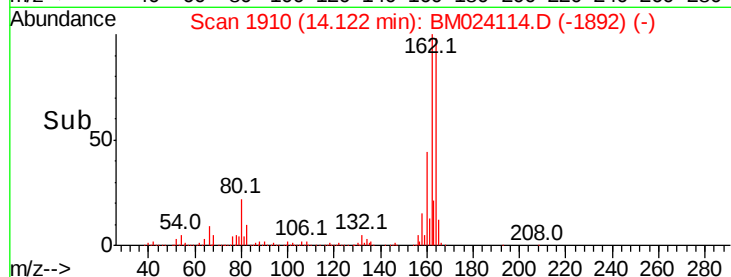
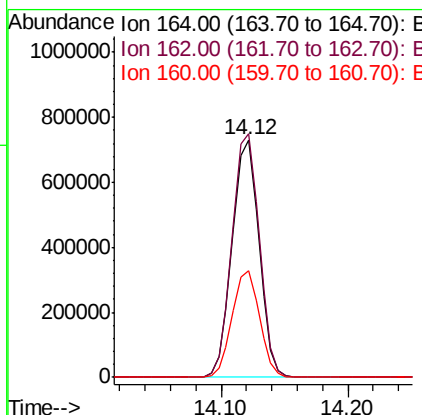
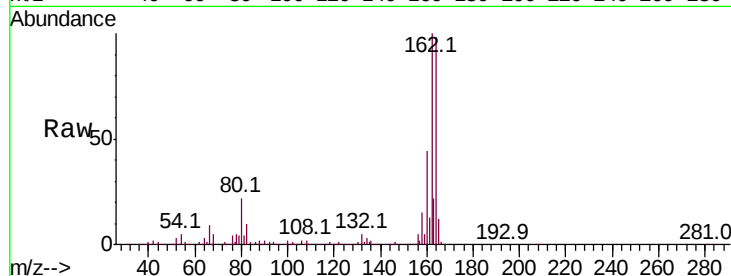




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.12 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

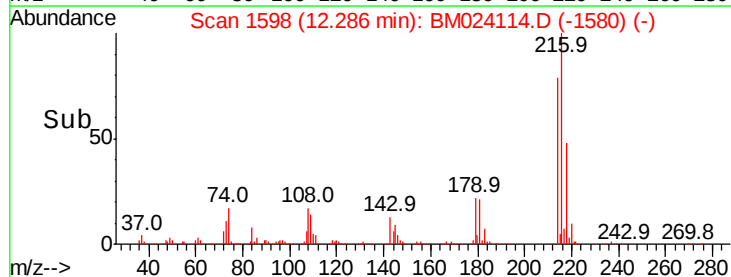
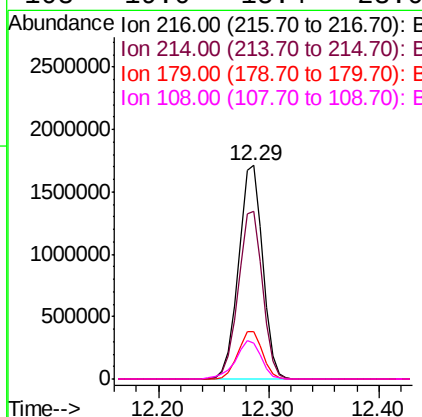
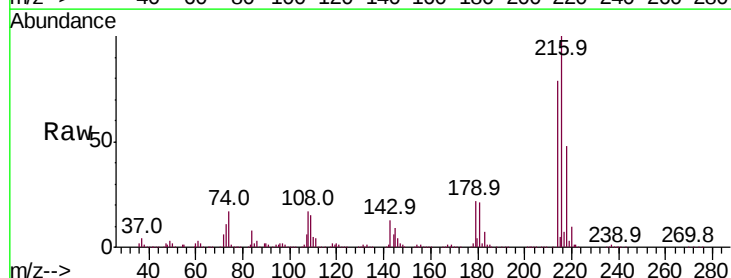
Instrument :
BNA_M
ClientSampleId :

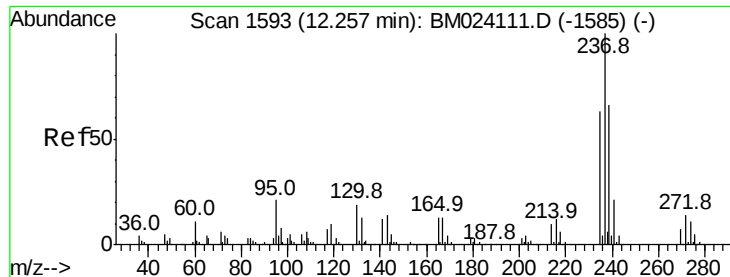
Tot Ion:164 Resp: 1072076
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.4
160 44.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.430 ng
RT: 12.29 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:216 Resp: 2631114
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 22.5 18.0 27.0
108 19.0 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 55.050 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampled :

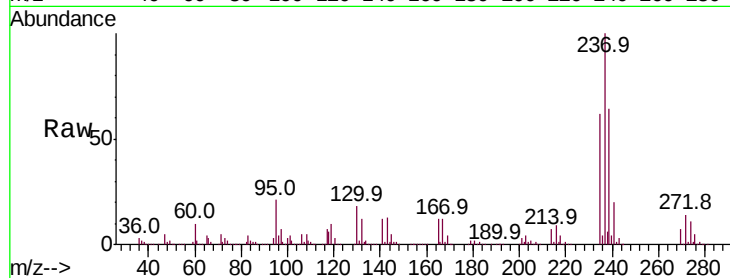
Tot Ion:237 Resp: 1091093

Ion Ratio Lower Upper

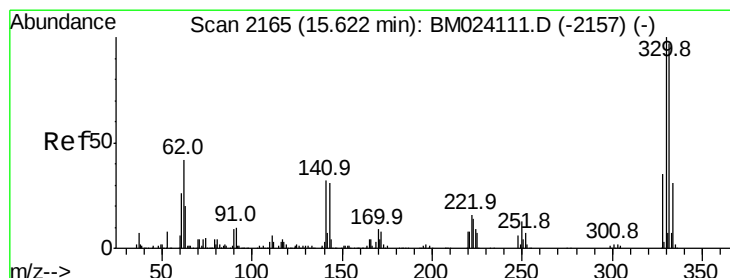
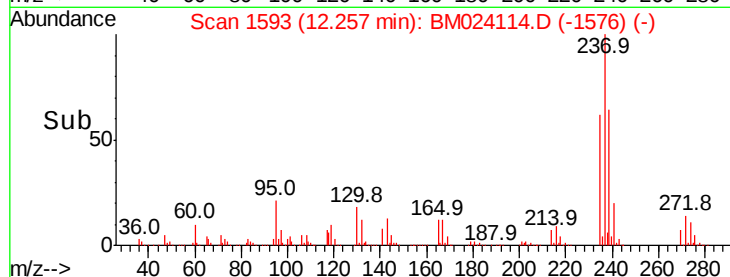
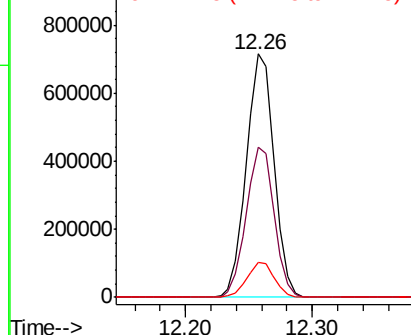
237 100

235 61.9 43.0 83.0

272 14.1 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 194.902 ng

RT: 15.63 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

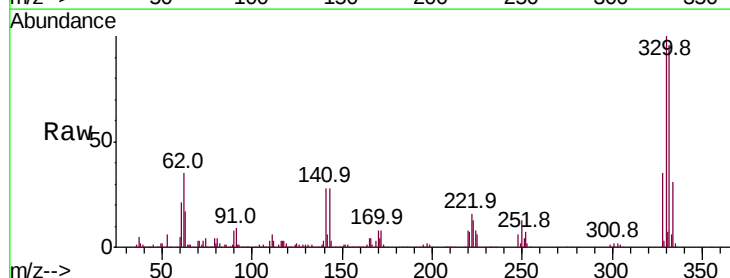
Tgt Ion:330 Resp: 2608409

Ion Ratio Lower Upper

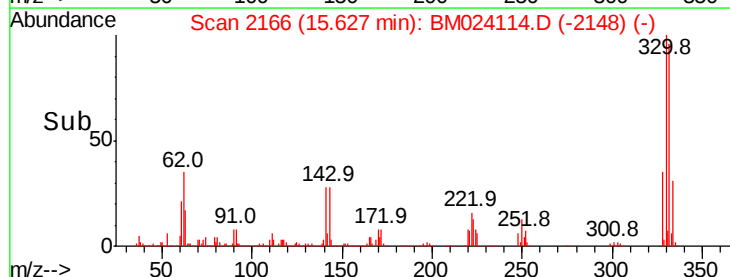
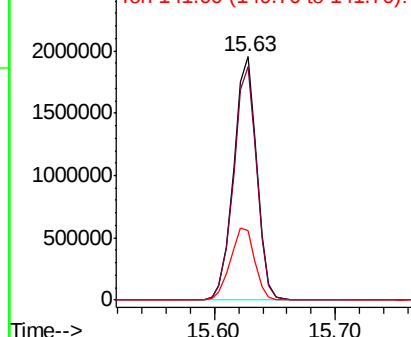
330 100

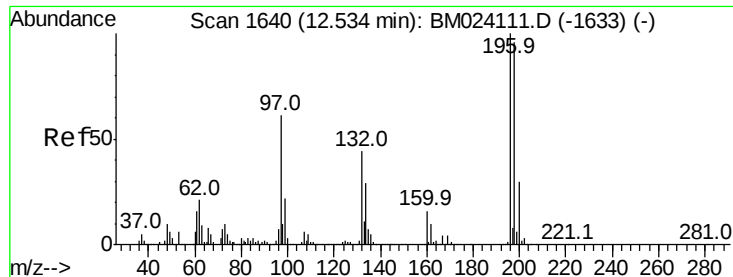
332 96.2 77.3 115.9

141 31.3 27.0 40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

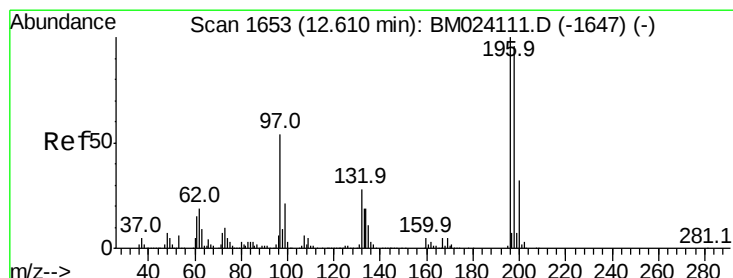
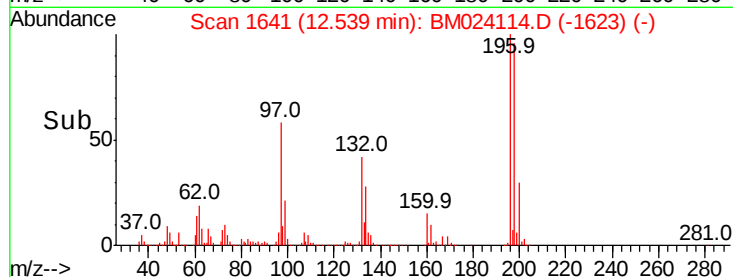
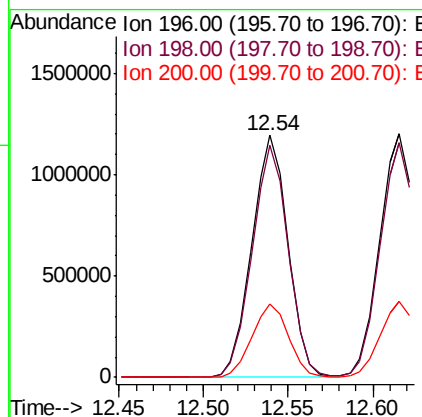
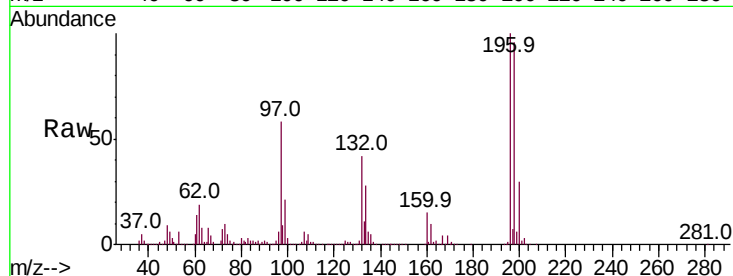




#43
 2,4,6-Trichlorophenol
 Concen: 85.052 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

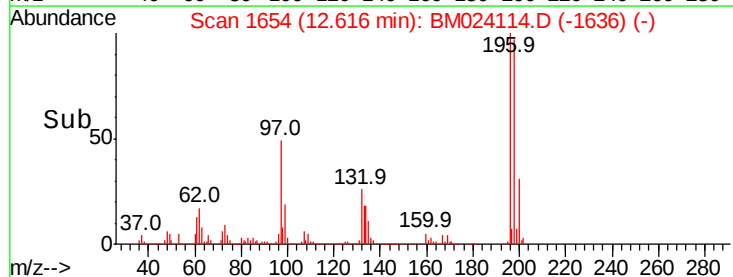
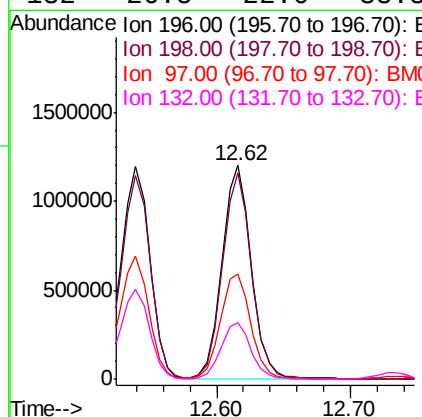
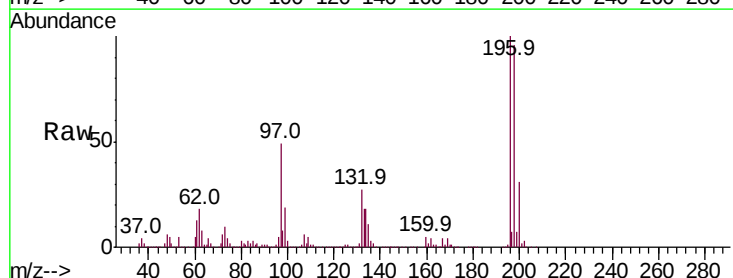
Instrument :
 BNA_M
 ClientSampleId :

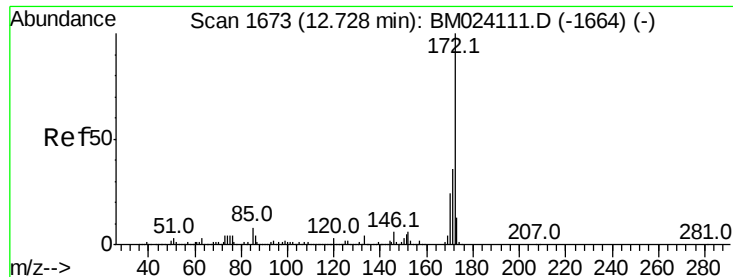
Tot Ion:196 Resp: 1783222
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.1 115.7
 200 30.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 83.879 ng
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Tgt Ion:196 Resp: 1832621
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.6 114.8
 97 49.2 42.9 64.3
 132 26.5 22.6 33.8

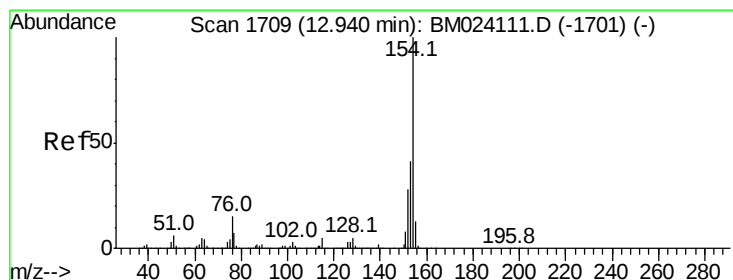
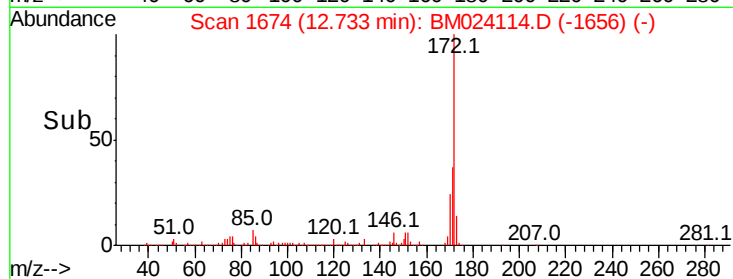
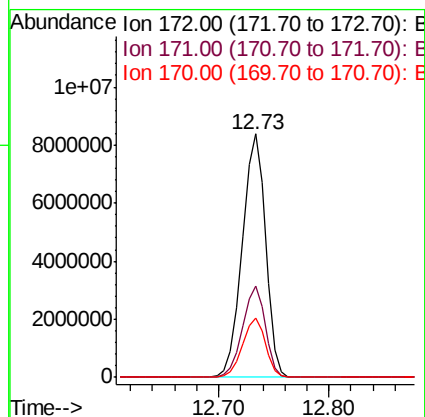
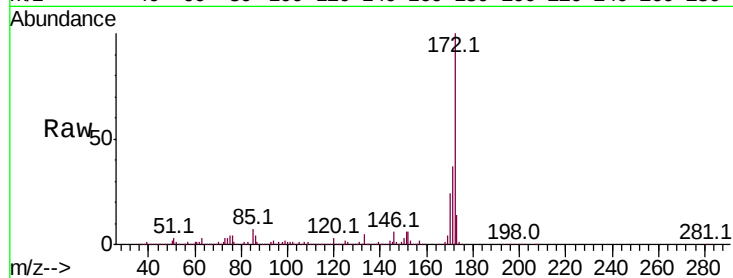




#45
2-Fluorobiphenyl
Concen: 160.173 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

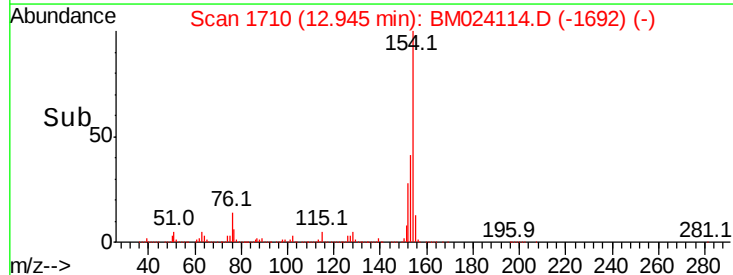
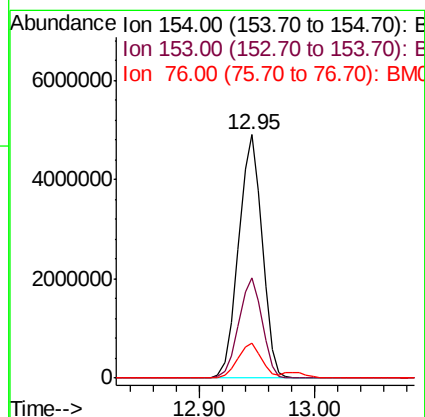
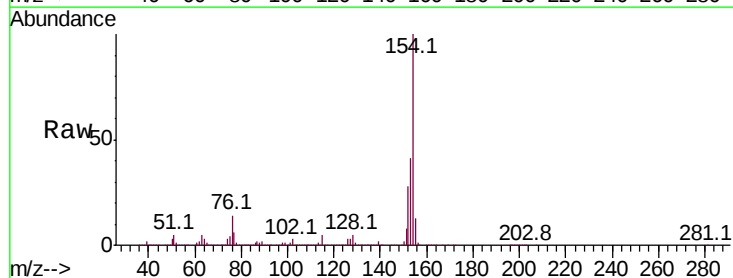
Instrument :
BNA_M
ClientSampleId :

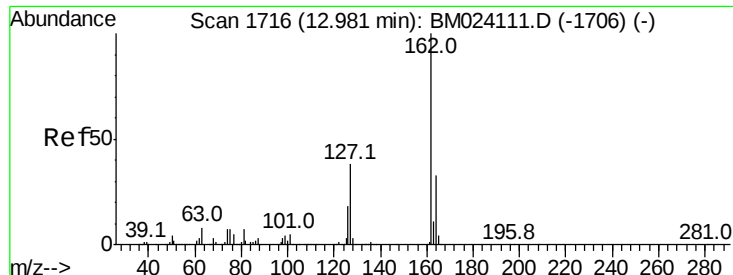
Tot Ion:172 Resp:12470016
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 24.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 77.969 ng
RT: 12.95 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:154 Resp: 6918068
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 14.1 0.0 35.1

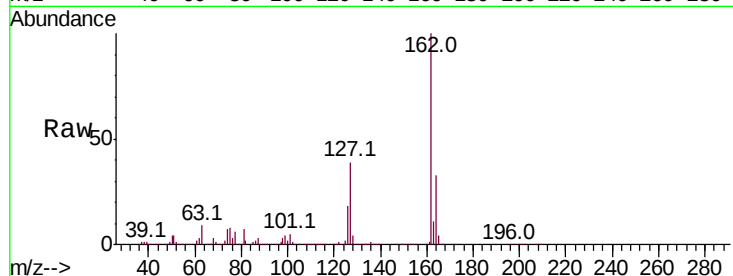




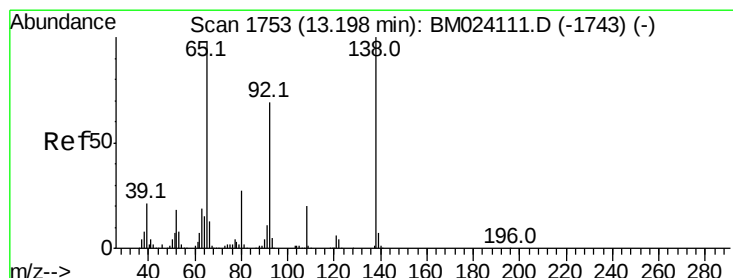
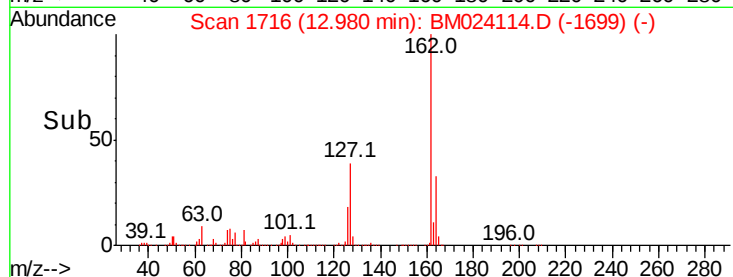
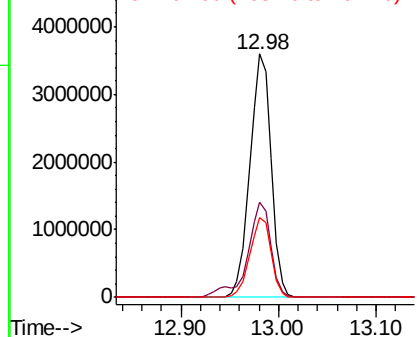
#47
2-Chloronaphthalene
Concen: 82.902 ng
RT: 12.98 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 5482588
Ion Ratio Lower Upper
162 100
127 38.9 31.0 46.4
164 33.0 26.2 39.2

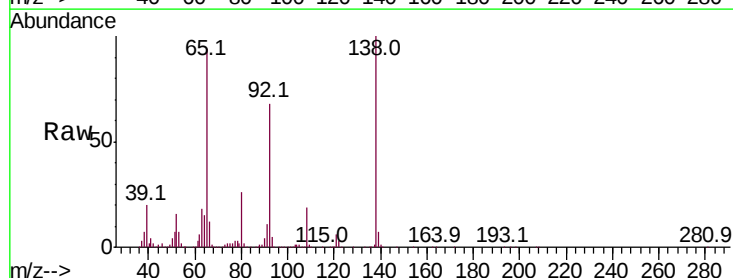


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

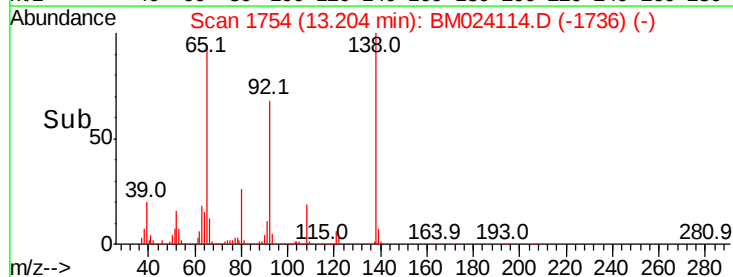
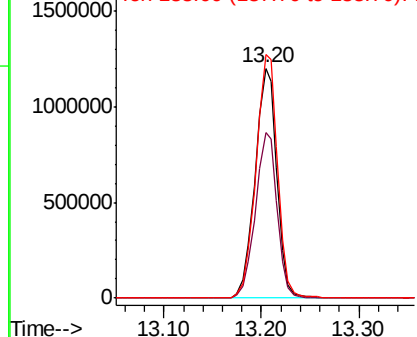


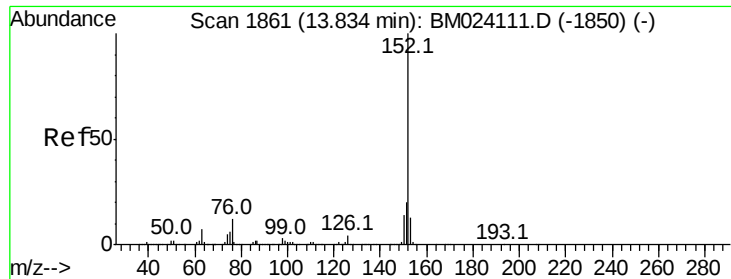
#48
2-Nitroaniline
Concen: 109.811 ng
RT: 13.20 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion: 65 Resp: 1891030
Ion Ratio Lower Upper
65 100
92 72.0 56.4 84.6
138 106.0 81.9 122.9



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 87.162 ng

RT: 13.84 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

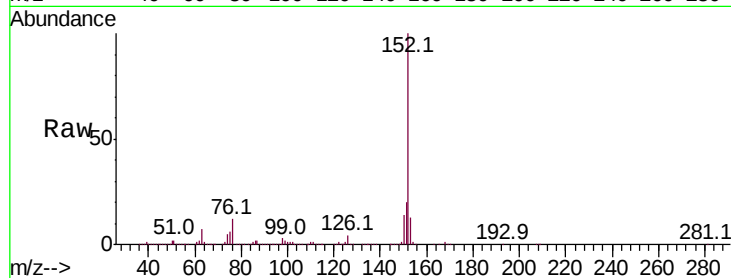
Tot Ion:152 Resp: 8536055

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

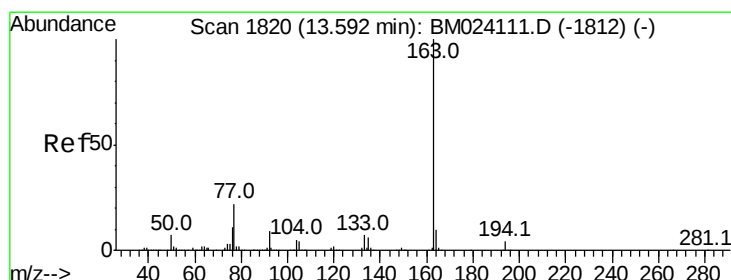
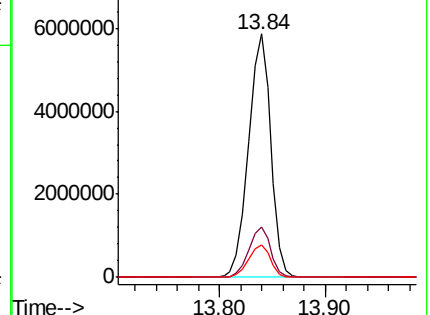
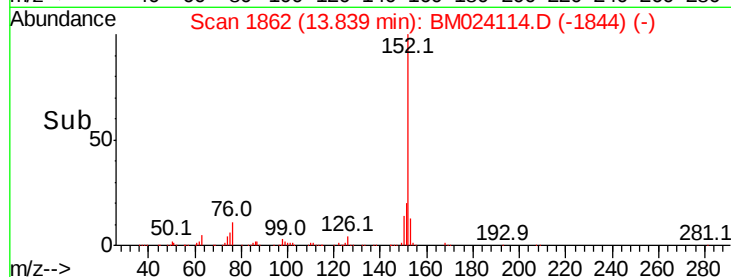
153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 90.368 ng

RT: 13.60 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

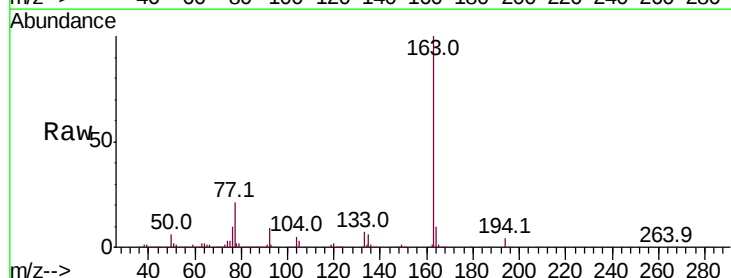
Tgt Ion:163 Resp: 7001354

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

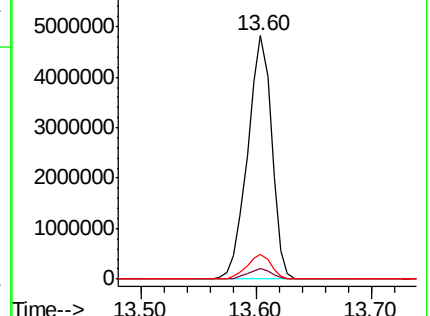
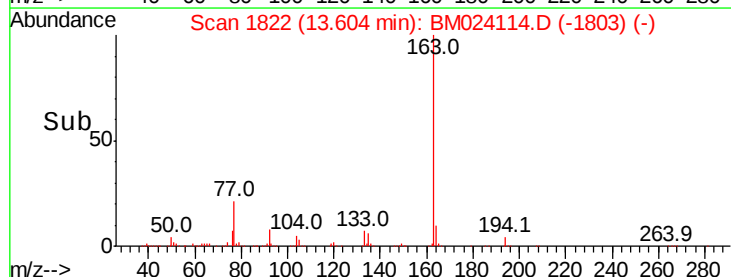
164 10.0 8.1 12.1

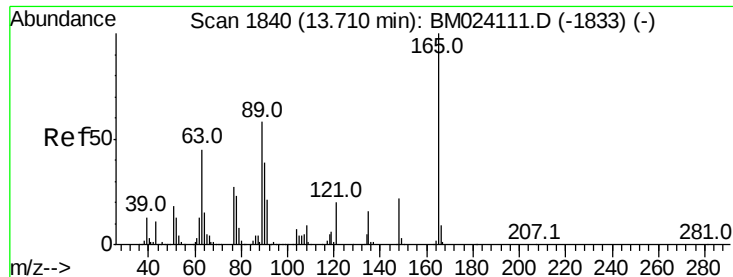


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 96.664 ng

RT: 13.72 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

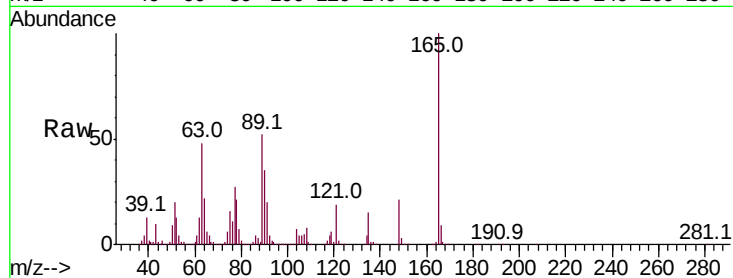
Tot Ion:165 Resp: 1566534

Ion Ratio Lower Upper

165 100

63 47.8 43.0 64.6

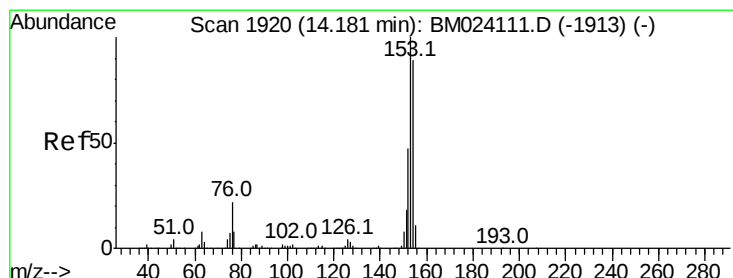
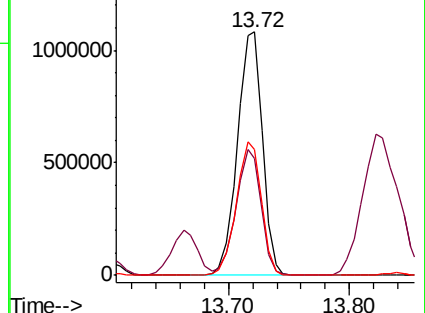
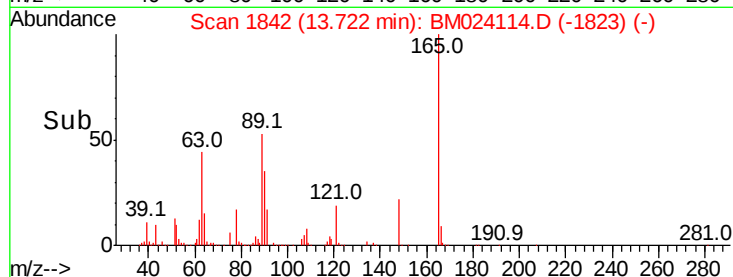
89 51.5 46.4 69.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 81.407 ng

RT: 14.19 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

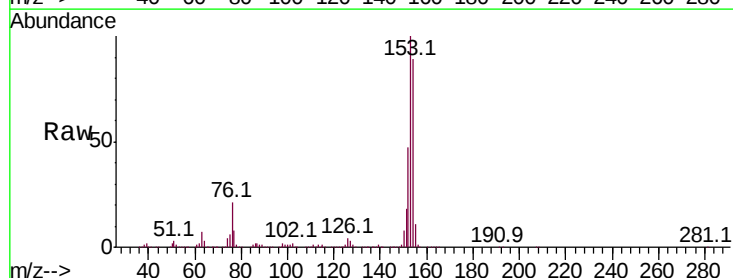
Tgt Ion:154 Resp: 5215797

Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

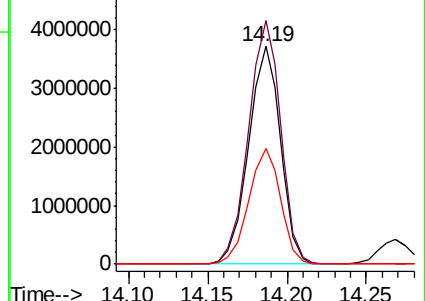
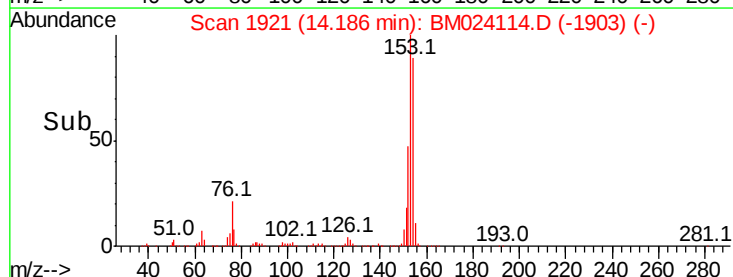
152 52.8 42.3 63.5

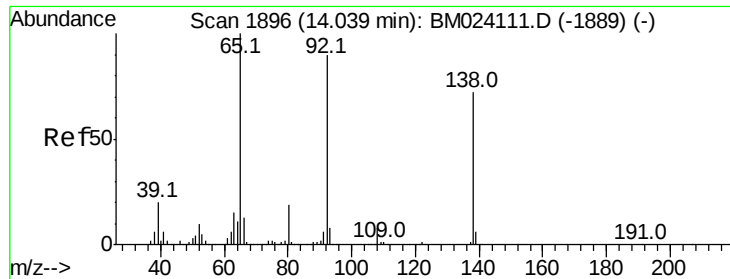


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 95.491 ng

RT: 14.05 min Scan# 1898

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

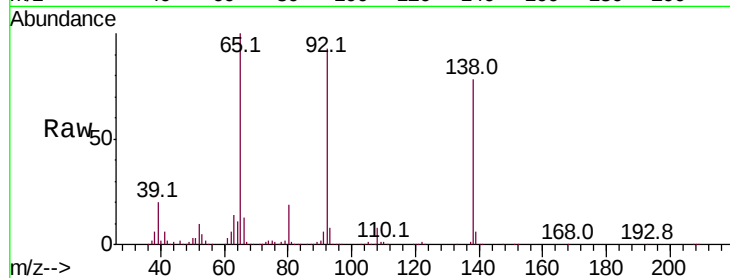
Tot Ion:138 Resp: 1781550

Ion Ratio Lower Upper

138 100

108 10.8 8.8 13.2

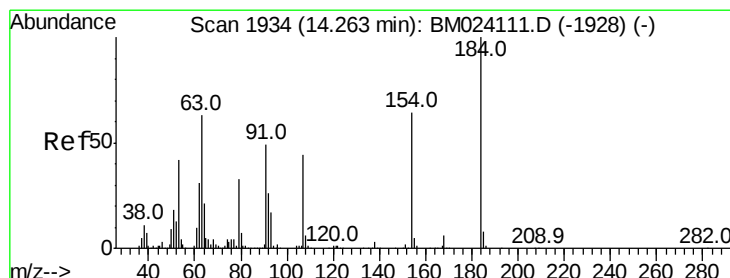
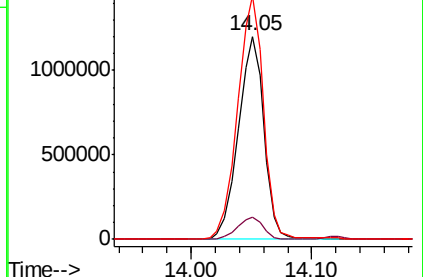
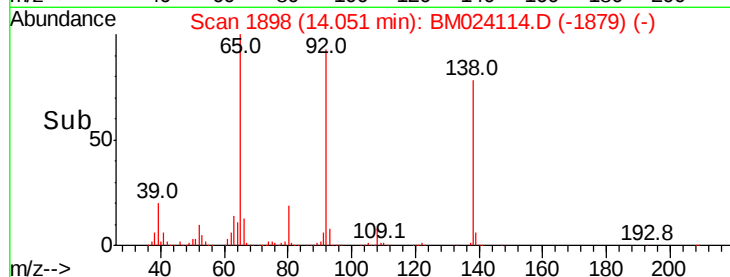
92 120.1 100.6 150.8



Abundance Ion 138.00 (137.70 to 138.70): E

2000000 Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 126.144 ng

RT: 14.27 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

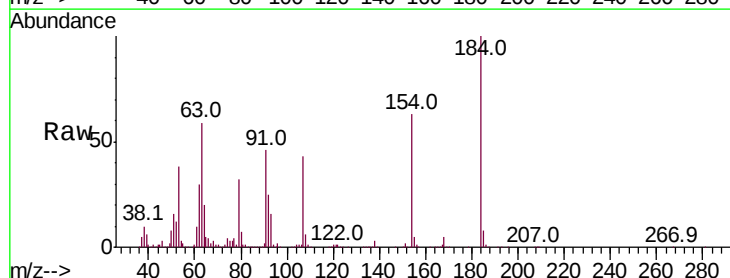
Tgt Ion:184 Resp: 965228

Ion Ratio Lower Upper

184 100

63 58.9 50.2 75.4

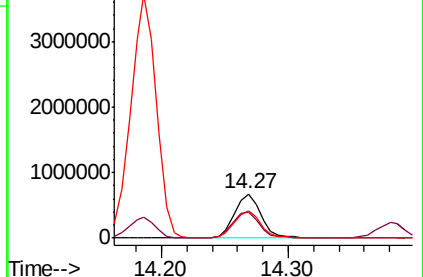
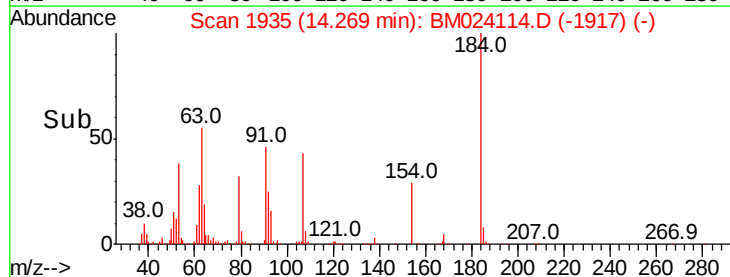
154 63.4 51.8 77.8

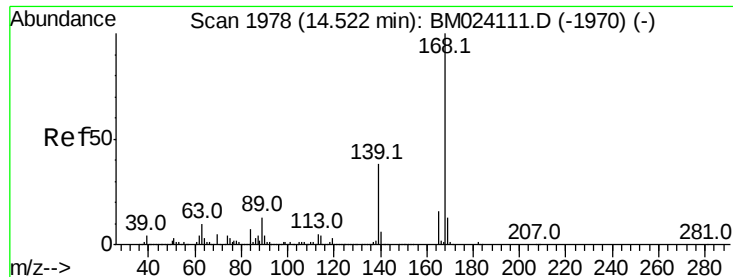


Abundance Ion 184.00 (183.70 to 184.70): E

5000000 Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 87.624 ng

RT: 14.53 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

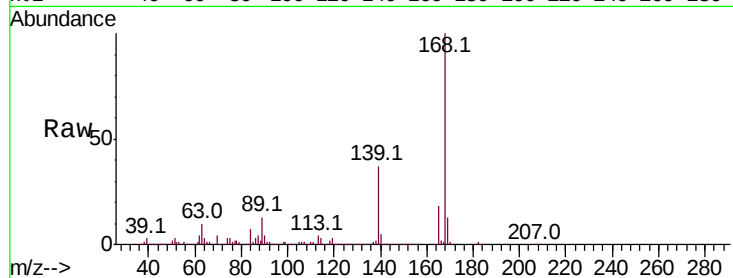
Tot Ion:168 Resp: 8196051

Ion Ratio Lower Upper

168 100

139 36.9 30.4 45.6

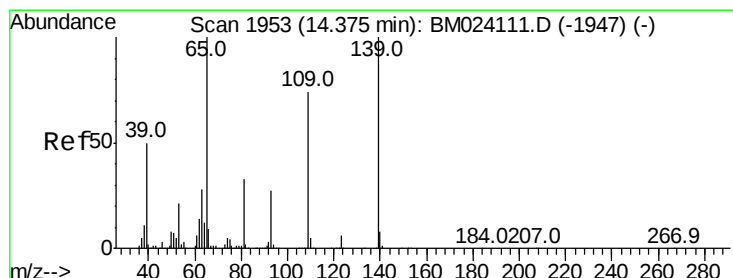
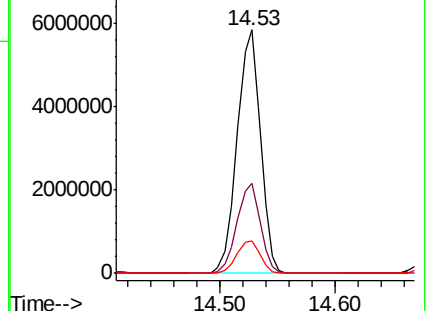
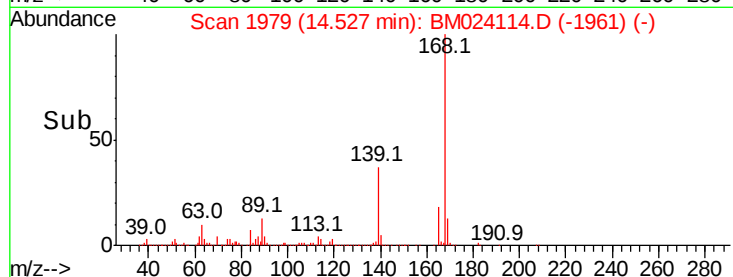
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 93.164 ng

RT: 14.38 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

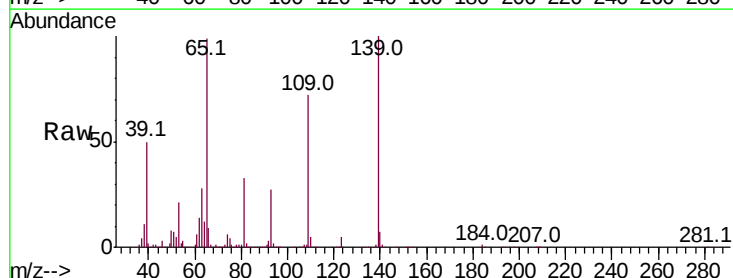
Tgt Ion:139 Resp: 1335971

Ion Ratio Lower Upper

139 100

109 72.3 54.2 94.2

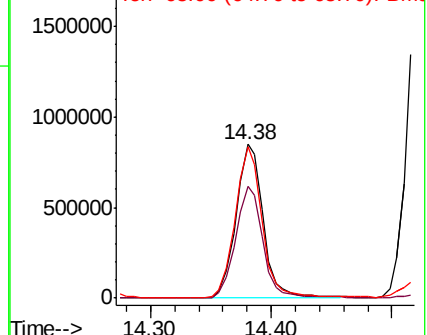
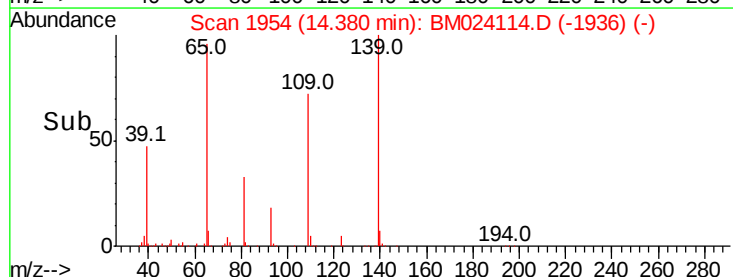
65 98.8 80.5 120.5

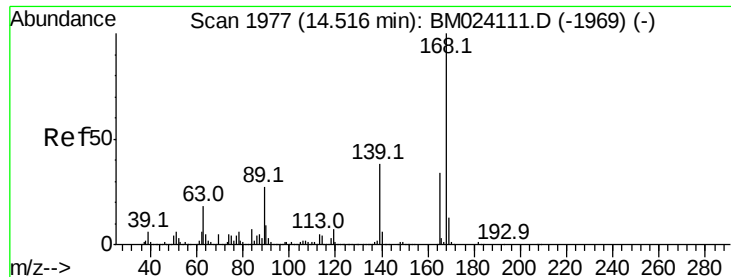


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

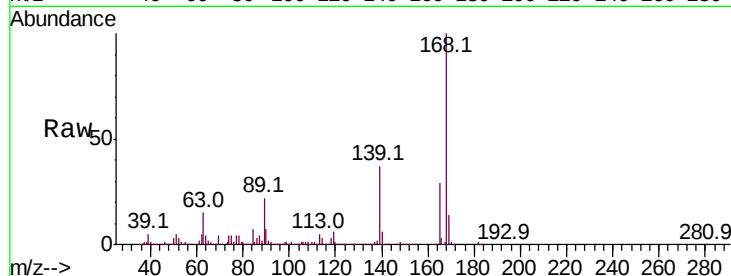




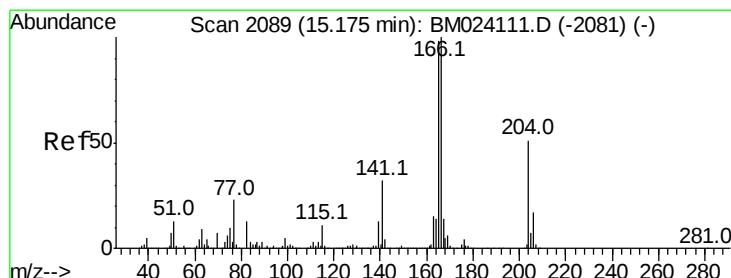
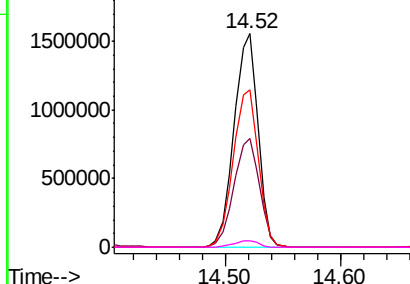
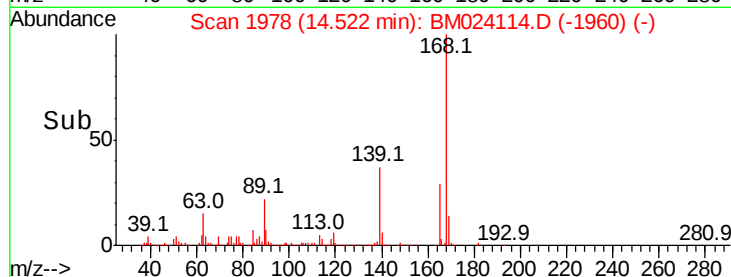
#57
2,4-Dinitrotoluene
Concen: 105.390 ng
RT: 14.52 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 2237513
Ion Ratio Lower Upper
165 100
63 50.7 42.6 64.0
89 74.0 61.6 92.4
182 3.1 2.4 3.6

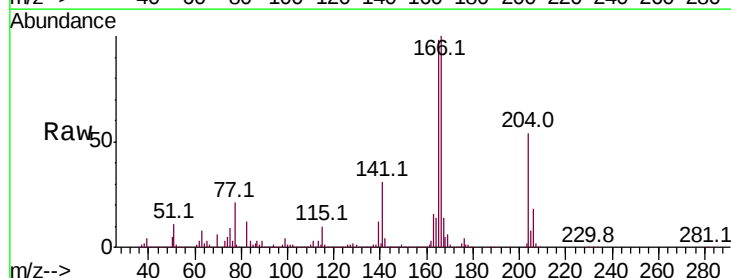


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

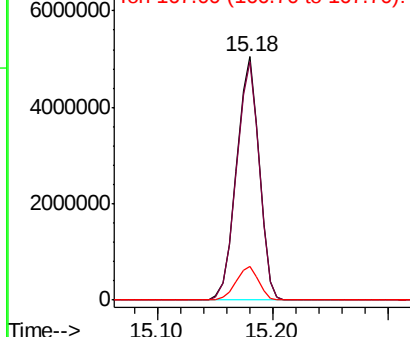
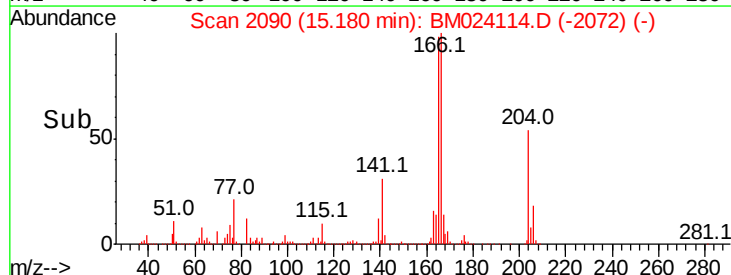


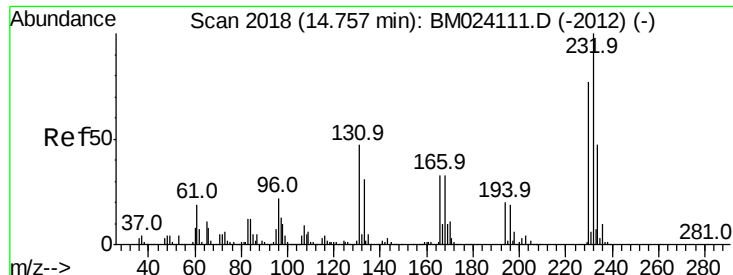
#58
Fluorene
Concen: 90.189 ng
RT: 15.18 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:166 Resp: 6855217
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 13.8 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

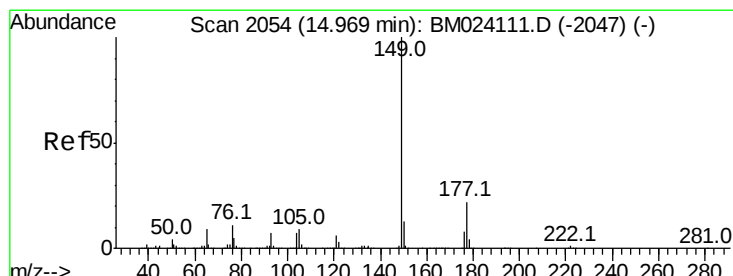
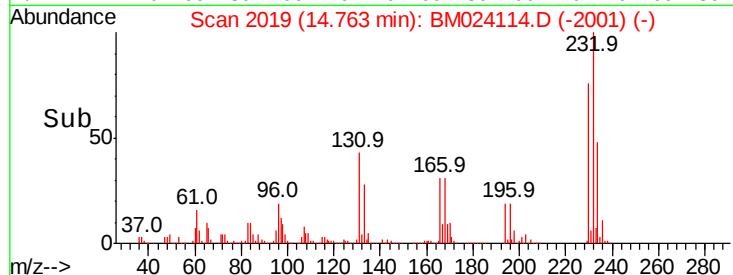
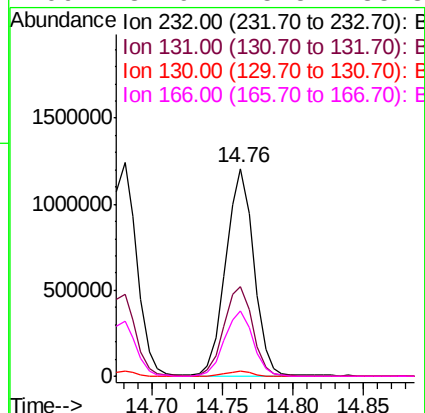
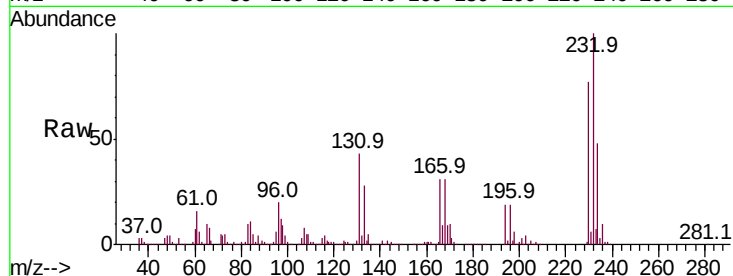




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 86.827 ng
 RT: 14.76 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

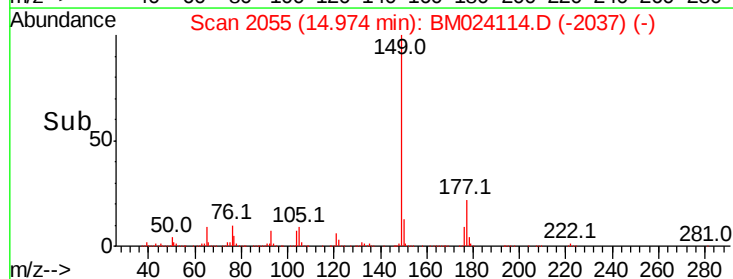
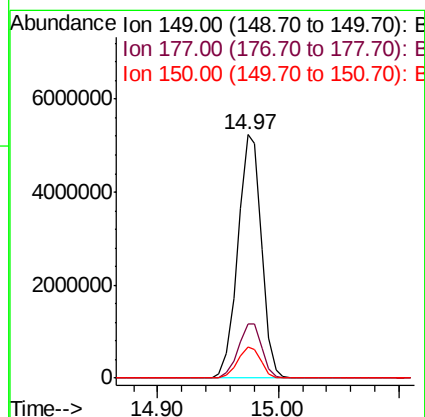
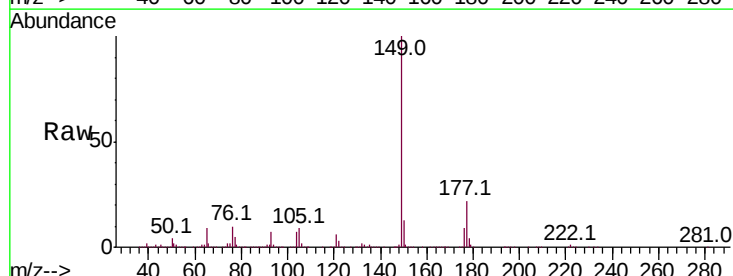
Instrument :
 BNA_M
 ClientSampleId :

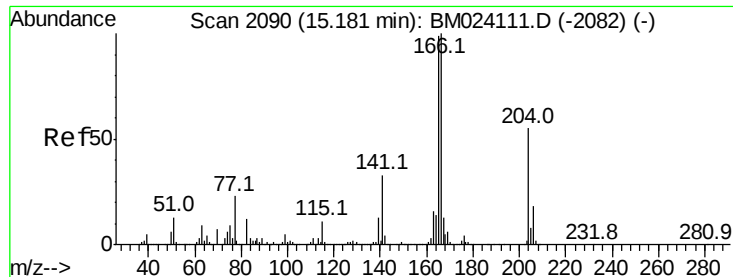
Tot Ion:232 Resp: 1654439
 Ion Ratio Lower Upper
 232 100
 131 44.4 36.1 54.1
 130 2.3 1.9 2.9
 166 31.9 25.5 38.3



#60
 Diethylphthalate
 Concen: 94.430 ng
 RT: 14.97 min Scan# 2055
 Delta R.T. 0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Tgt Ion:149 Resp: 7113726
 Ion Ratio Lower Upper
 149 100
 177 22.5 17.3 25.9
 150 12.9 10.1 15.1

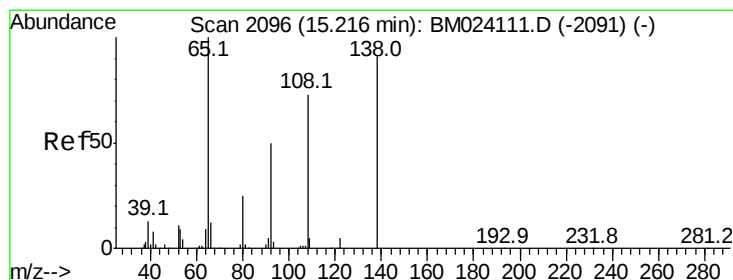
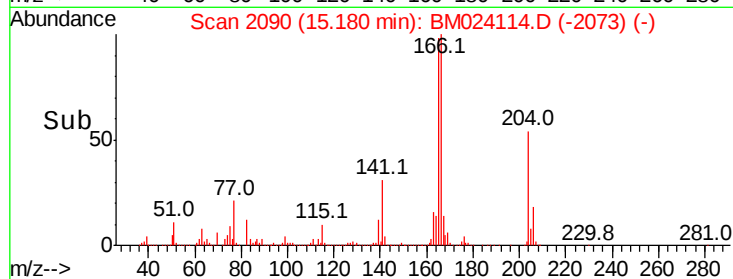
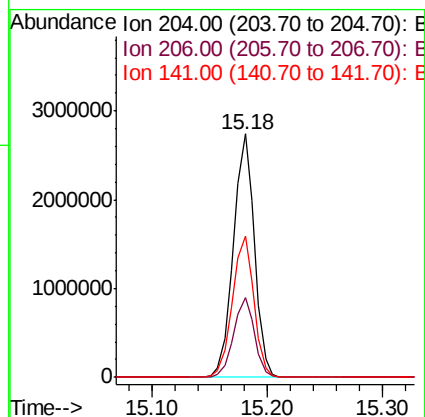
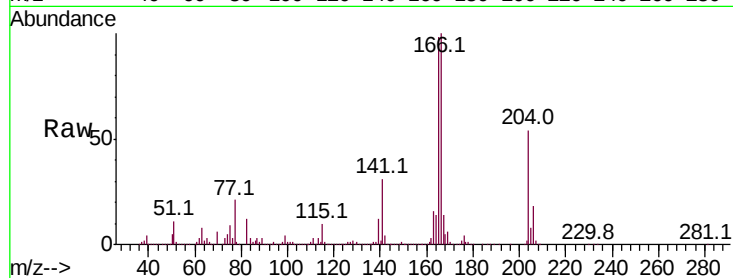




#61
4-Chlorophenyl-phenylether
Concen: 87.960 ng
RT: 15.18 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

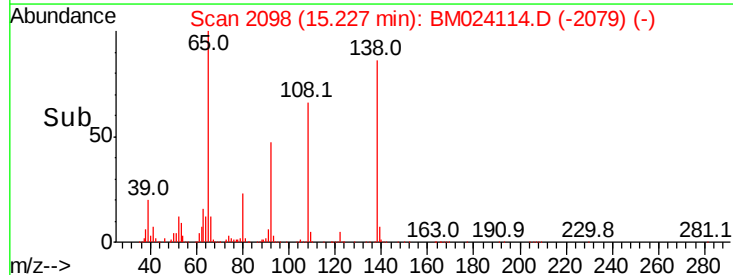
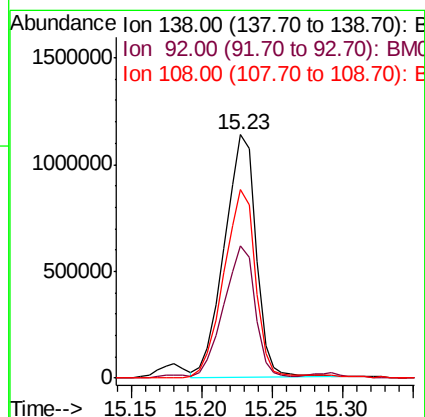
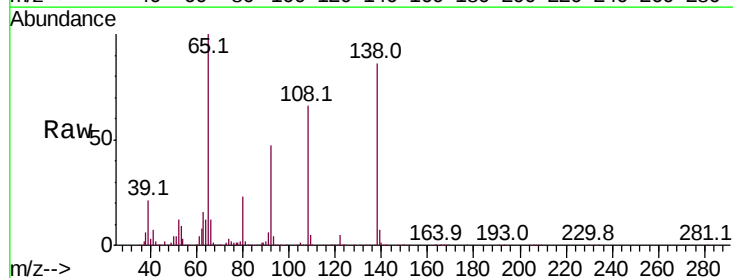
Instrument :
BNA_M
ClientSampled :

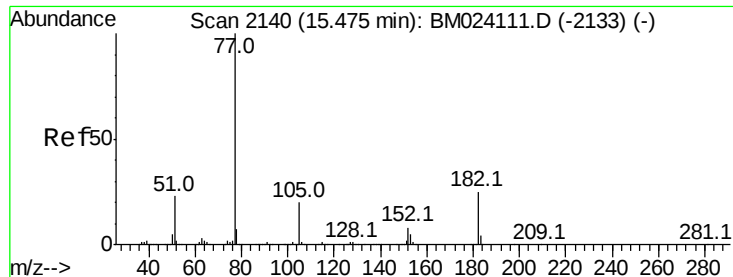
Tot Ion:204 Resp: 3435255
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 57.9 47.0 70.4



#62
4-Nitroaniline
Concen: 90.380 ng
RT: 15.23 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:138 Resp: 1767818
Ion Ratio Lower Upper
138 100
92 54.4 33.8 73.8
108 77.2 57.6 97.6



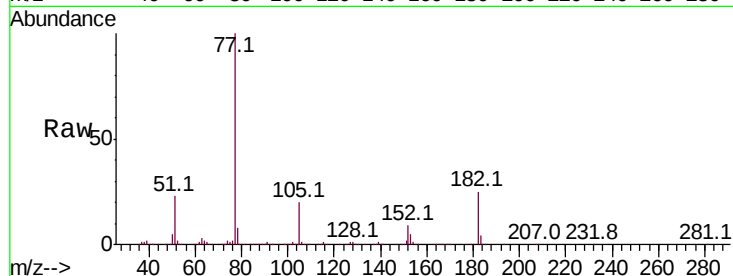


#63
Azobenzene
Concen: 100.731 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 6852790

Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.7	44.7
105	20.5	0.0	40.0
51	22.6	2.6	42.6



Abundance Ion 77.00 (76.70 to 77.70): BM024114.D (-2133) (-)

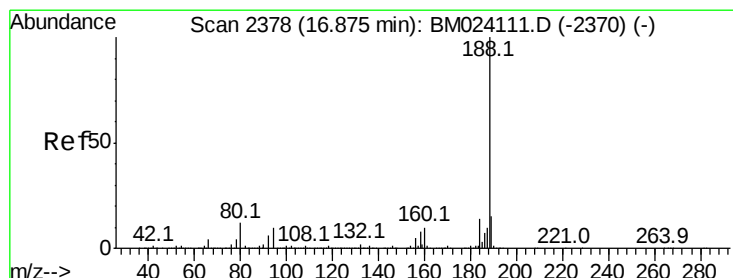
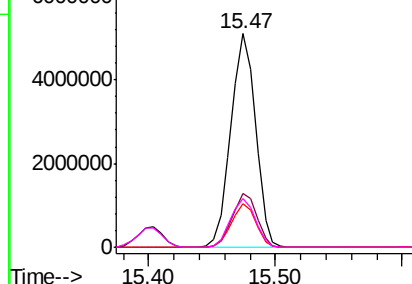
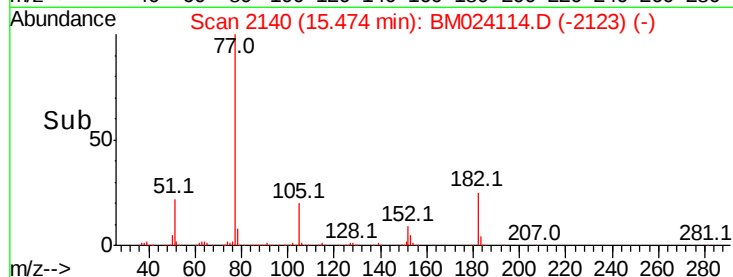
8000000 Ion 182.00 (181.70 to 182.70): BM024114.D (-2133) (-)

6000000 Ion 105.00 (104.70 to 105.70): BM024114.D (-2133) (-)

4000000 Ion 51.00 (50.70 to 51.70): BM024114.D (-2133) (-)

2000000

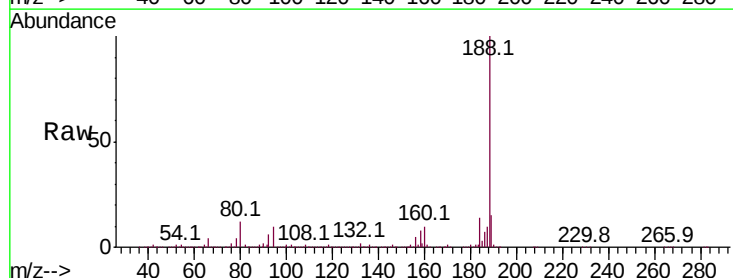
0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion: 188 Resp: 2328791

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.4
80	12.2	9.6	14.4



Abundance Ion 188.00 (187.70 to 188.70): BM024114.D (-2361) (-)

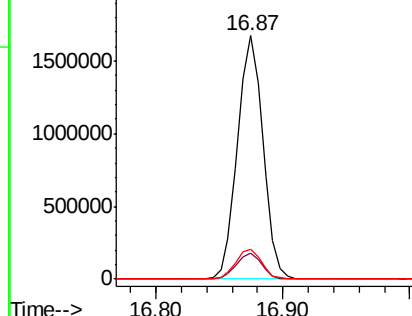
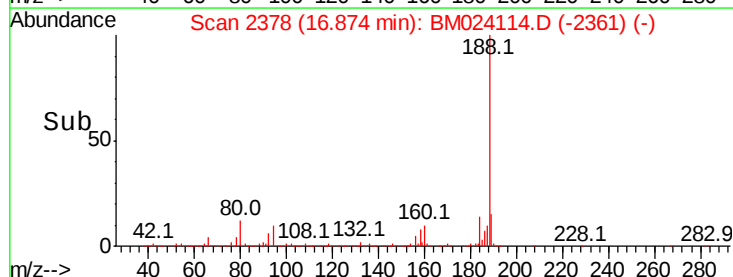
2000000 Ion 94.00 (93.70 to 94.70): BM024114.D (-2361) (-)

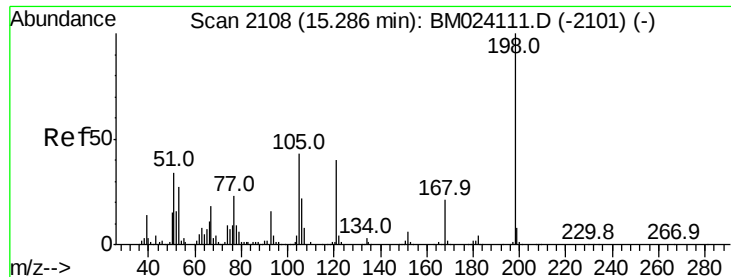
1500000 Ion 80.00 (79.70 to 80.70): BM024114.D (-2361) (-)

1000000

500000

0

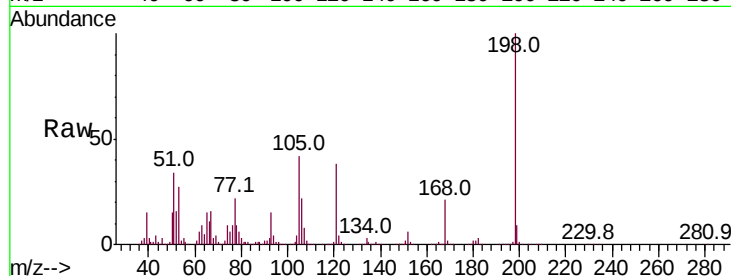




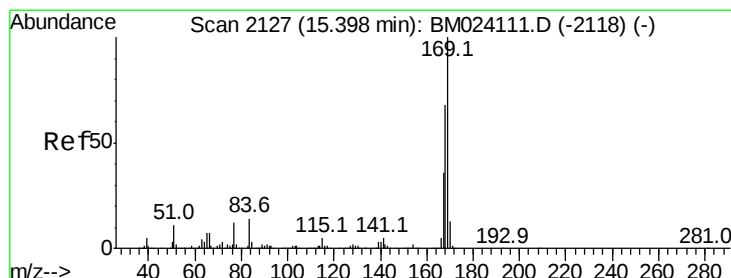
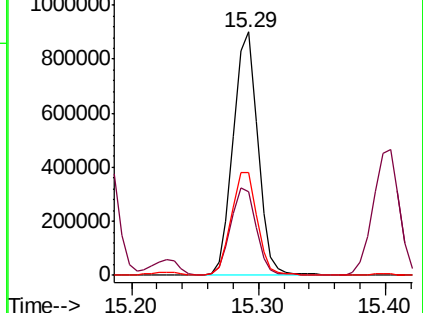
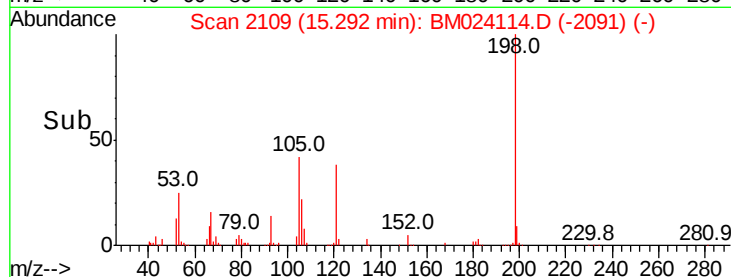
#65
4,6-Dinitro-2-methylphenol
Concen: 111.260 ng
RT: 15.29 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:198 Resp: 1213434
Ion Ratio Lower Upper
198 100
51 34.1 15.0 55.0
105 42.1 22.9 62.9

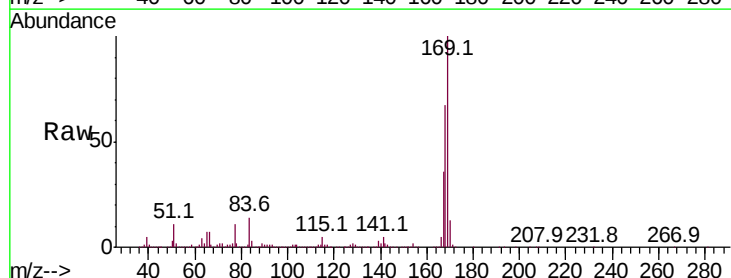


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

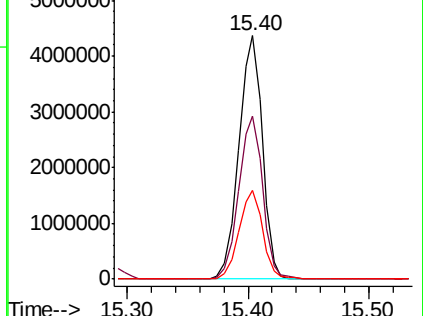
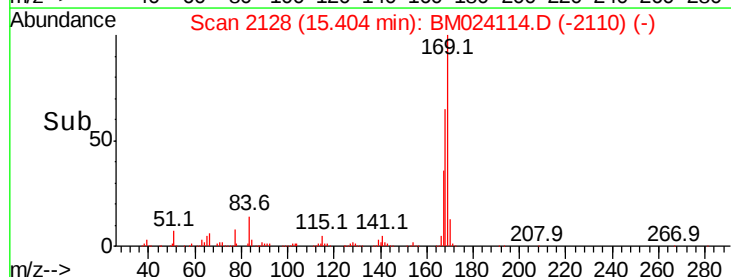


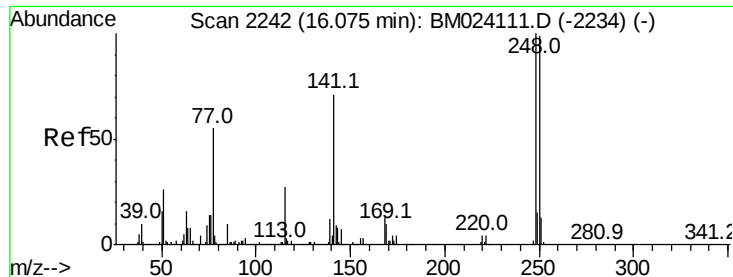
#66
n-Nitrosodiphenylamine
Concen: 83.297 ng
RT: 15.40 min Scan# 2128
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:169 Resp: 5926095
Ion Ratio Lower Upper
169 100
168 67.2 54.0 81.0
167 36.3 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

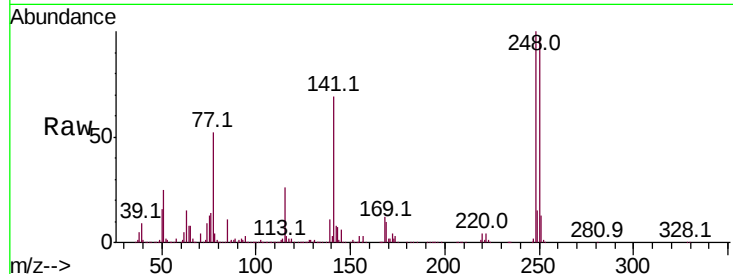




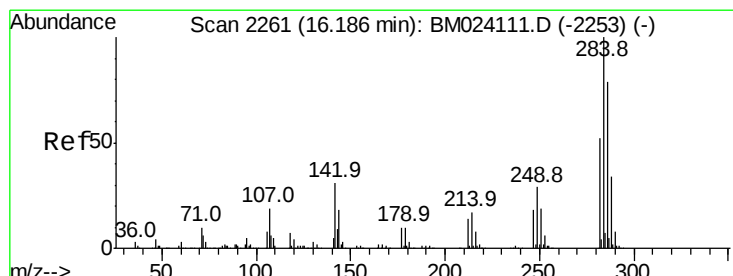
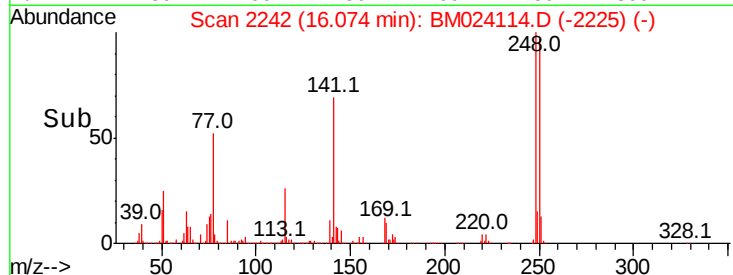
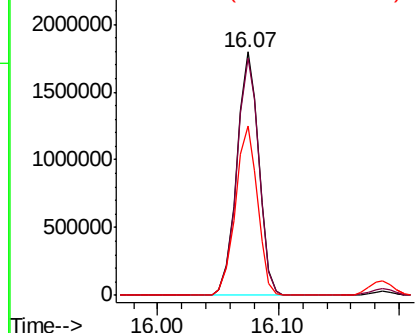
#67
4-Bromophenyl-phenylether
Concen: 88.051 ng
RT: 16.07 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 2280679
Ion Ratio Lower Upper
248 100
250 97.4 79.1 118.7
141 69.3 56.8 85.2

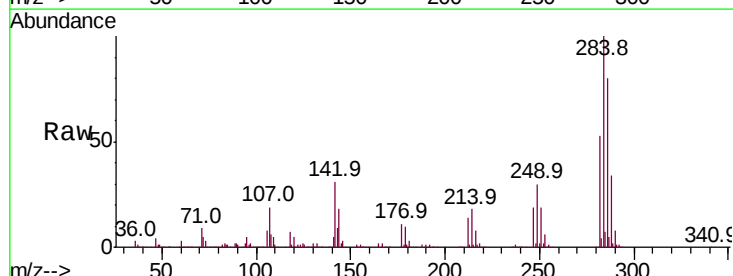


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

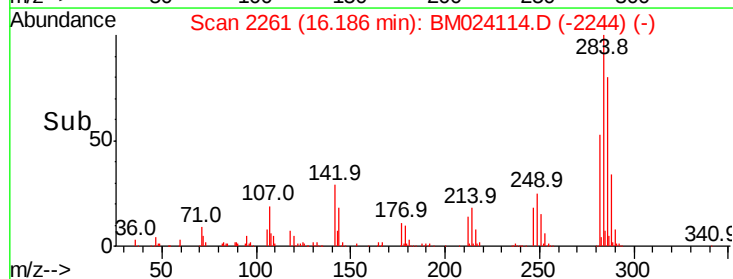
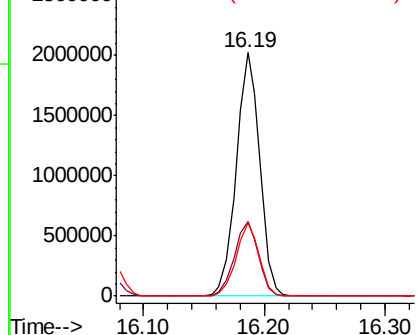


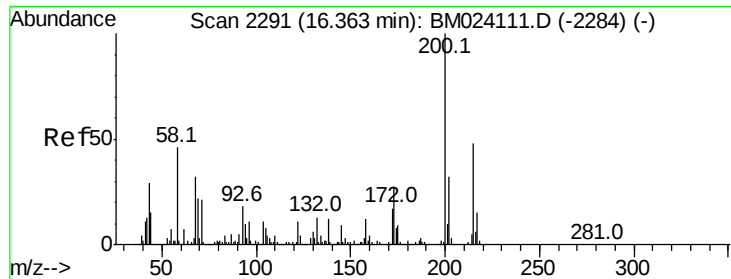
#68
Hexachlorobenzene
Concen: 90.563 ng
RT: 16.19 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:284 Resp: 2735569
Ion Ratio Lower Upper
284 100
142 30.9 24.6 37.0
249 29.9 23.5 35.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

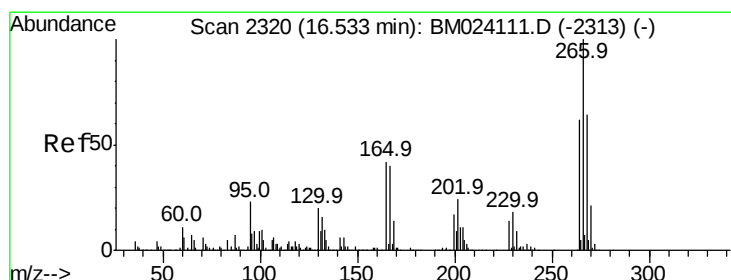
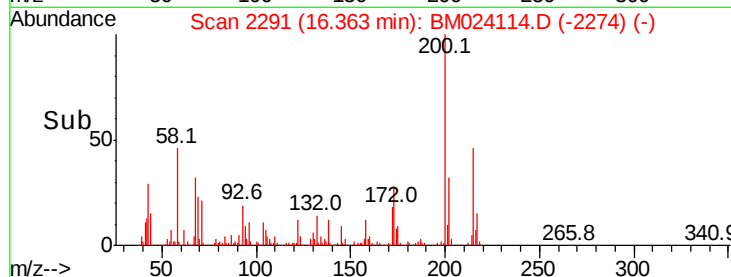
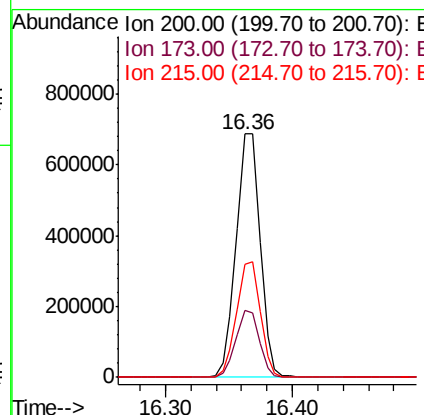
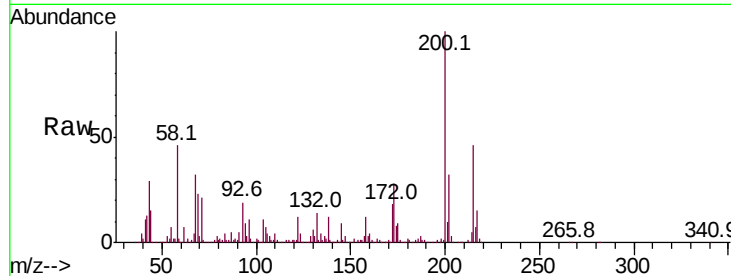




#69
 Atrazine
 Concen: 38.992 ng
 RT: 16.36 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

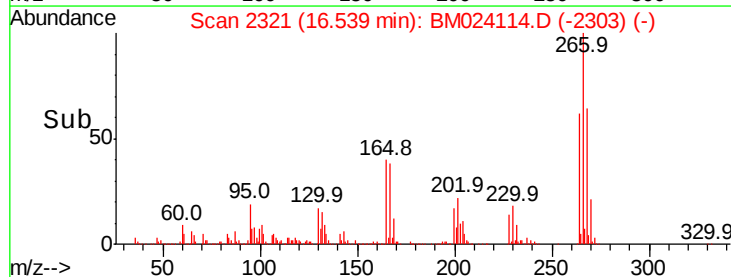
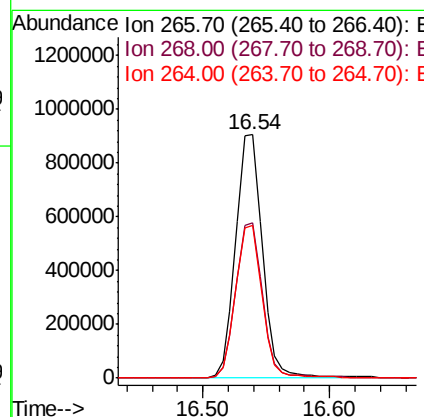
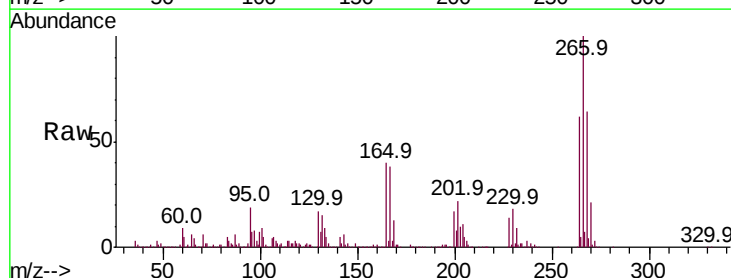
Instrument :
 BNA_M
 ClientSampleId :

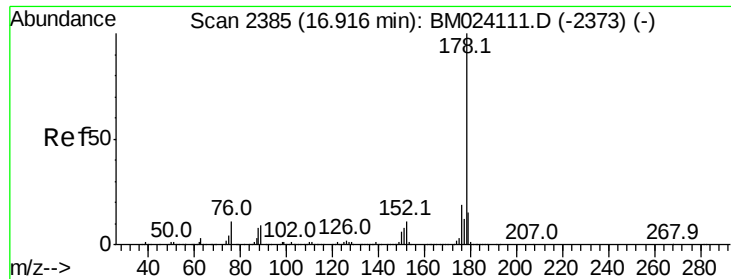
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.2	47.2
215	46.5	27.9	67.9



#70
 Pentachlorophenol
 Concen: 82.016 ng
 RT: 16.54 min Scan# 2321
 Delta R.T. 0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	62.5	49.6	74.4

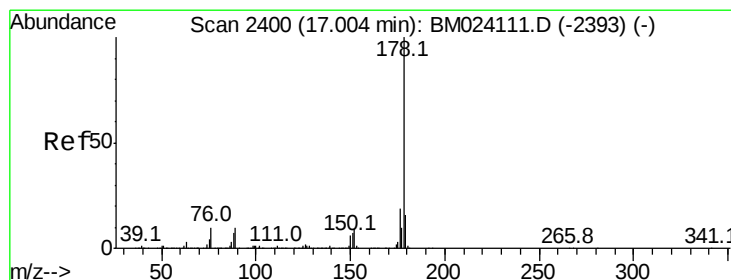
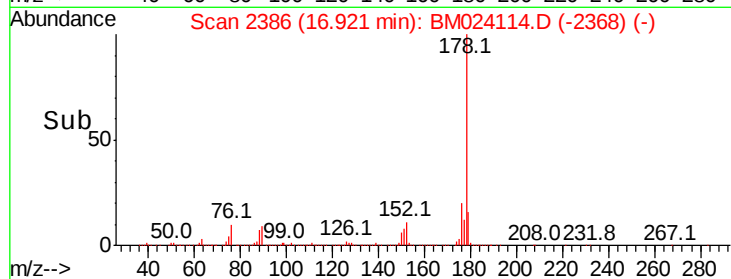
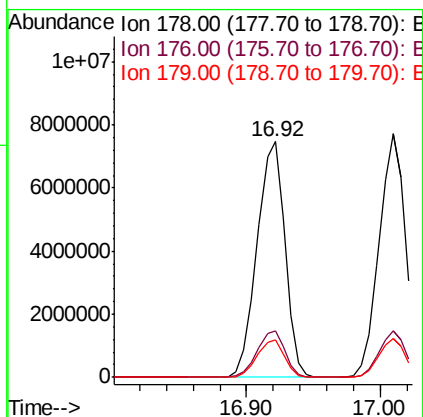
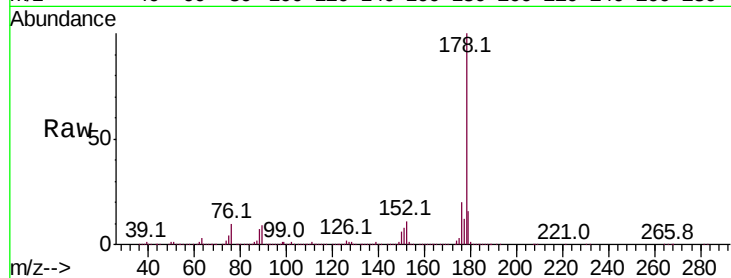




#71
Phenanthrene
Concen: 81.808 ng
RT: 16.92 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

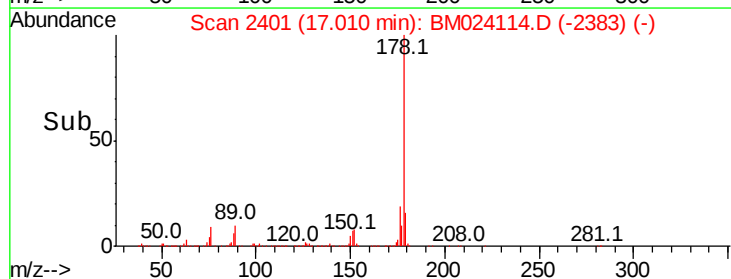
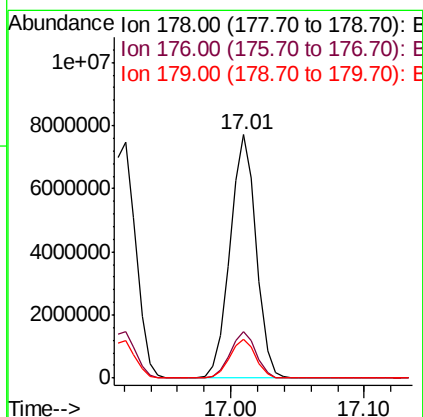
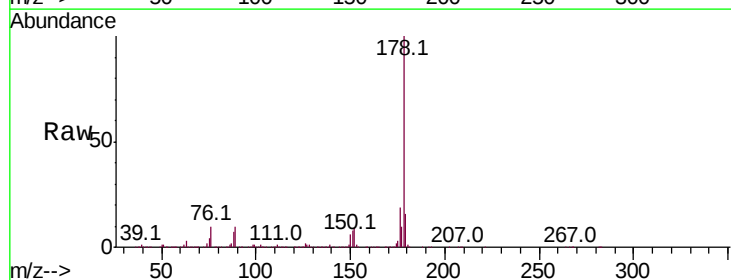
Instrument :
BNA_M
ClientSampled :

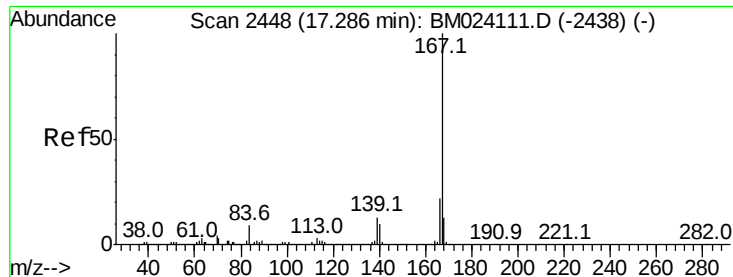
Tot Ion:178 Resp:10749837
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.7 12.2 18.2



#72
Anthracene
Concen: 82.543 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:178 Resp:10511957
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.9 12.5 18.7





#73

Carbazole

Concen: 83.841 ng

RT: 17.29 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

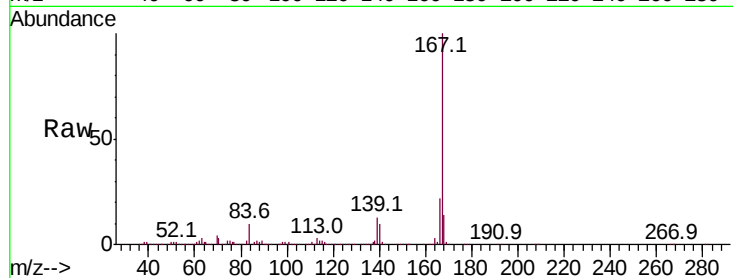
Instrument :

BNA_M

ClientSampled :

Tot Ion:167 Resp: 9935729

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.5	26.3
139	13.3	10.2	15.4

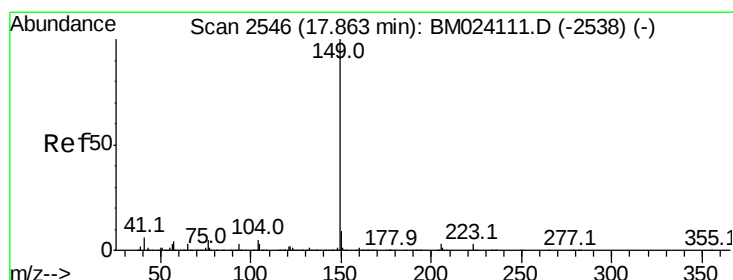
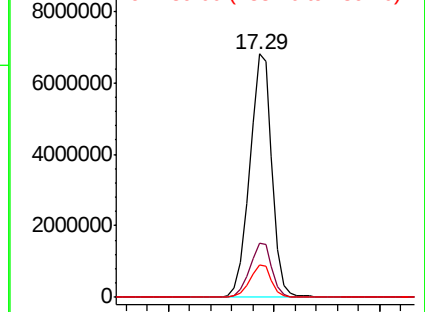
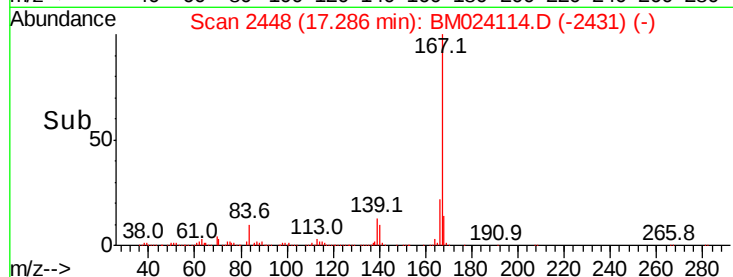


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 85.169 ng

RT: 17.86 min Scan# 2546

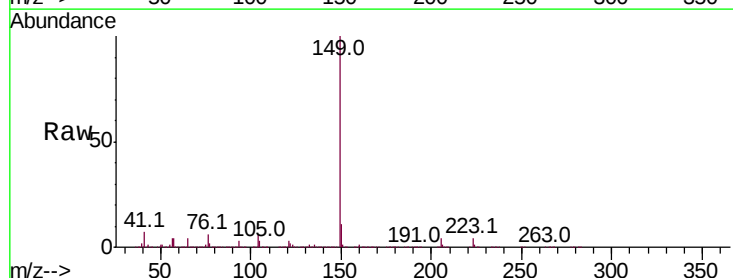
Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion:149 Resp:11444552

Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.4	11.0
104	5.9	4.0	6.0

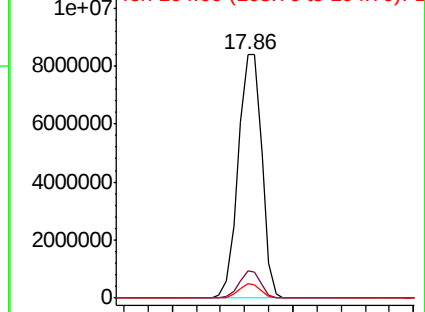
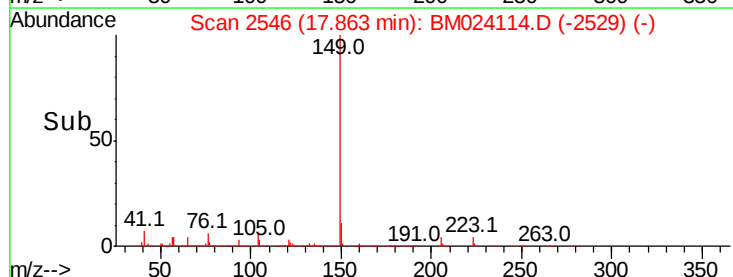


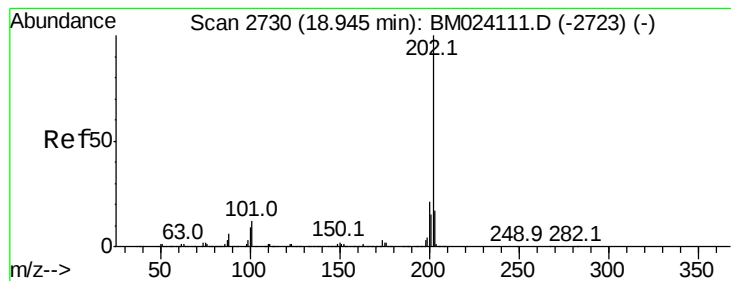
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 81.937 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

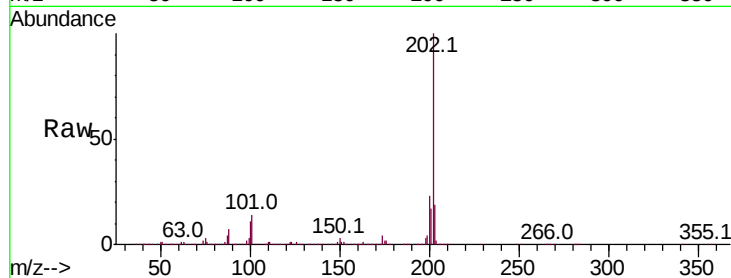
Tot Ion:202 Resp:12149528

Ion Ratio Lower Upper

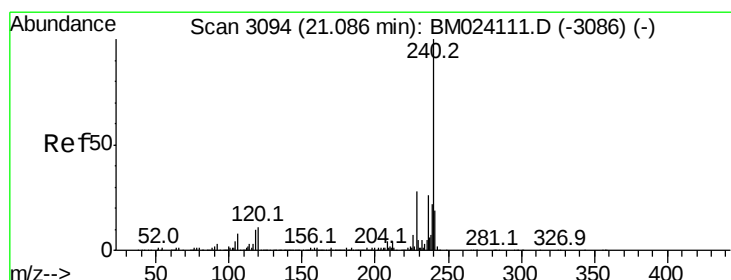
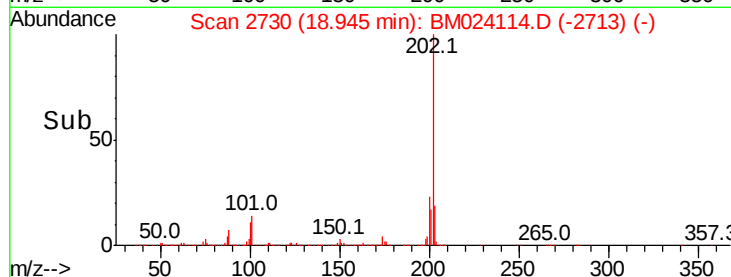
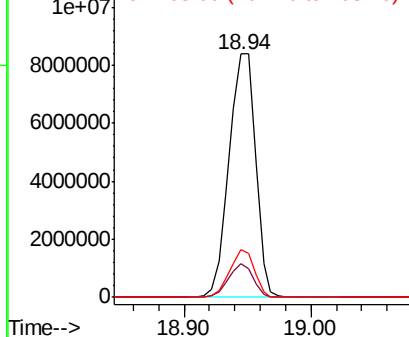
202 100

101 13.8 0.0 32.0

203 19.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

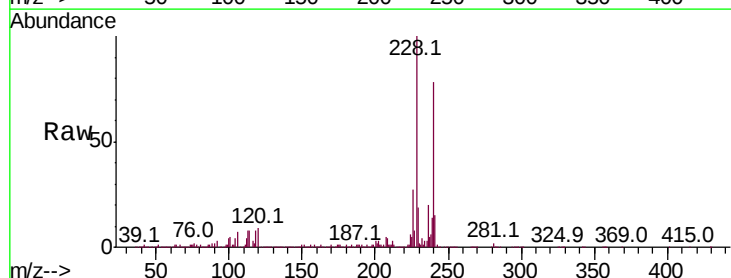
Tgt Ion:240 Resp: 2316640

Ion Ratio Lower Upper

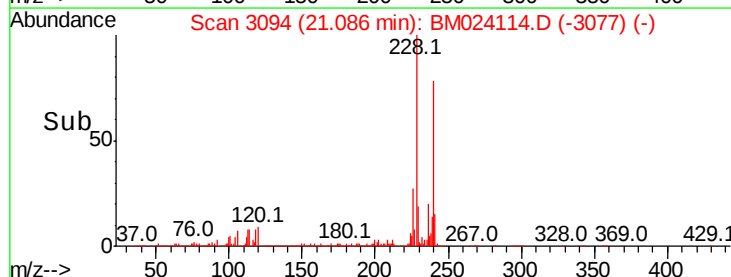
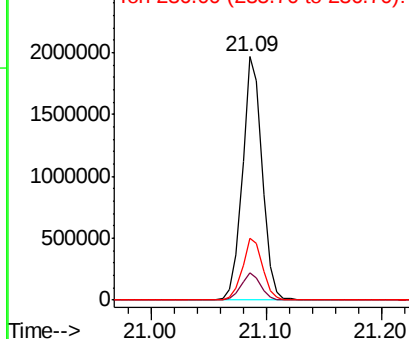
240 100

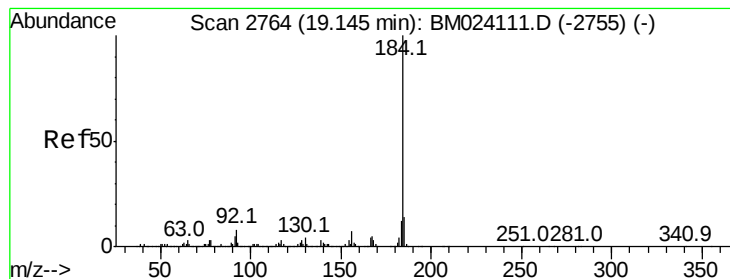
120 11.3 8.6 13.0

236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.727 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

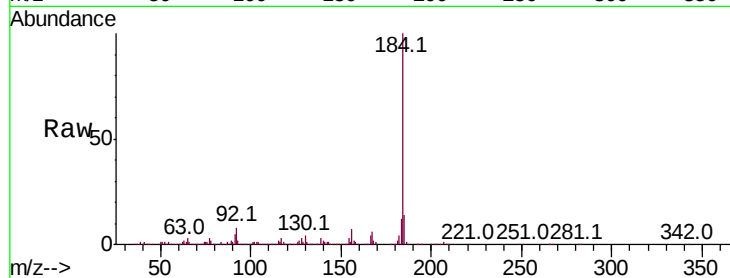
Tot Ion:184 Resp: 2779002

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.0	16.4
183	12.0	9.9	14.9

184 100

185 13.7 11.0 16.4

183 12.0 9.9 14.9

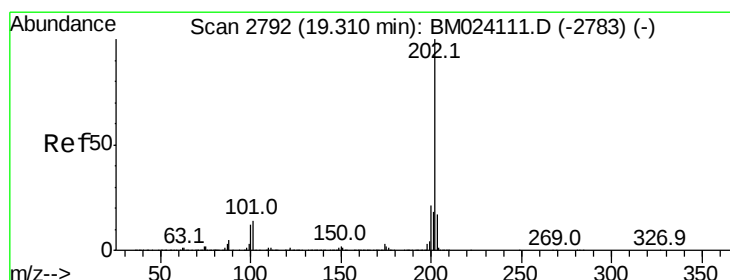
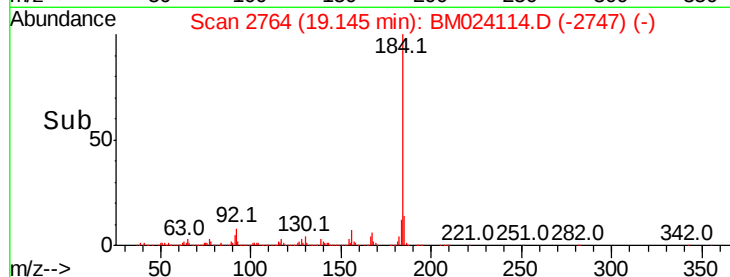
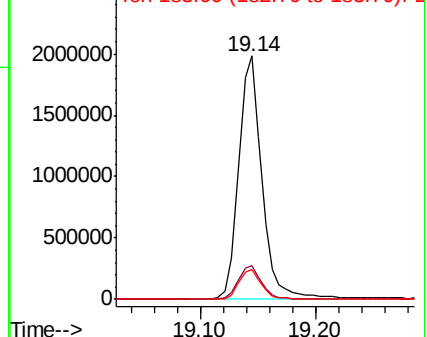


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 80.762 ng

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

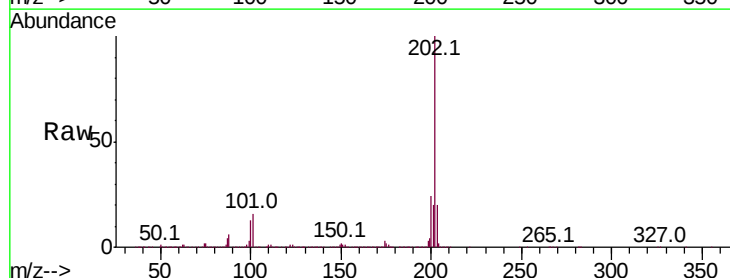
Tgt Ion:202 Resp:12261264

Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.1	25.7
203	19.6	14.0	21.0

202 100

200 23.7 17.1 25.7

203 19.6 14.0 21.0

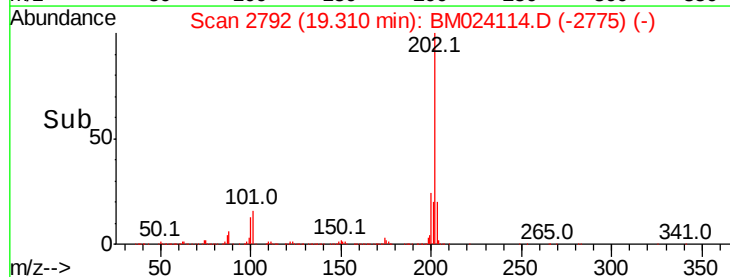
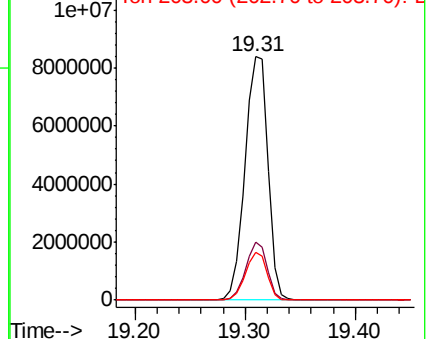


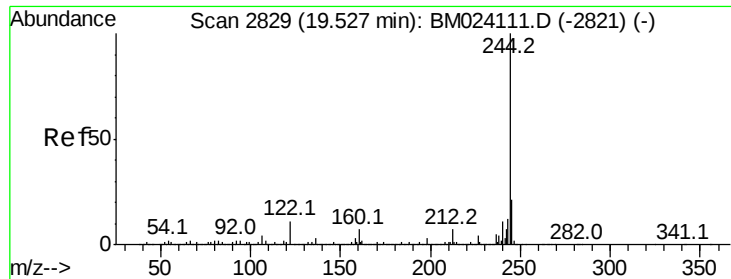
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 125.344 ng

RT: 19.52 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampled :

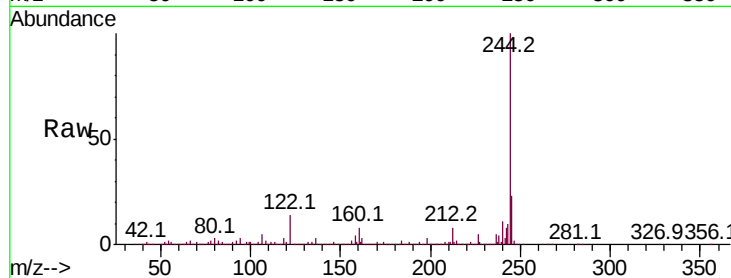
Tot Ion:244 Resp:14995903

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

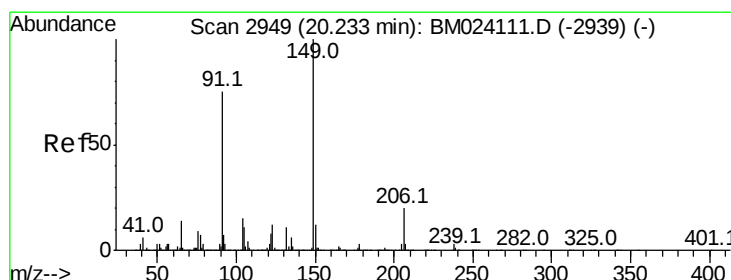
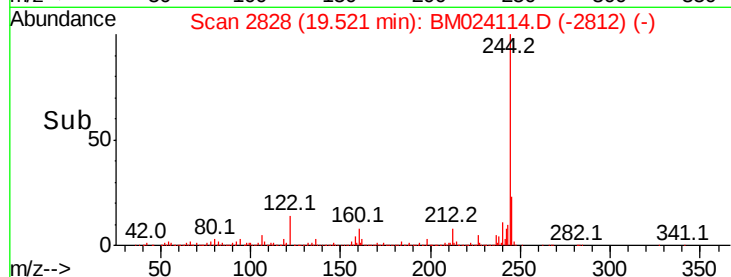
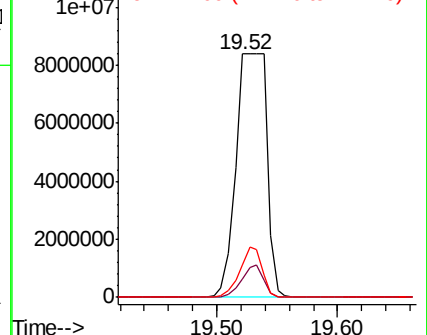
122 13.5 8.9 13.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 103.471 ng

RT: 20.24 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

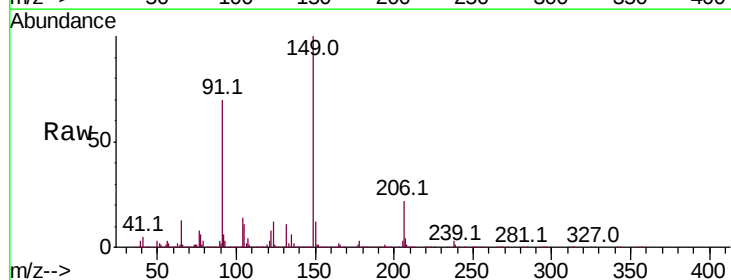
Tgt Ion:149 Resp: 5970221

Ion Ratio Lower Upper

149 100

91 70.1 59.7 89.5

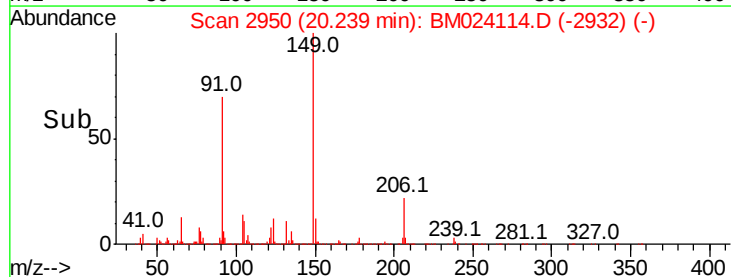
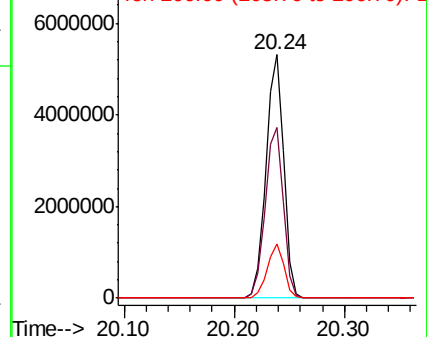
206 22.3 16.0 24.0

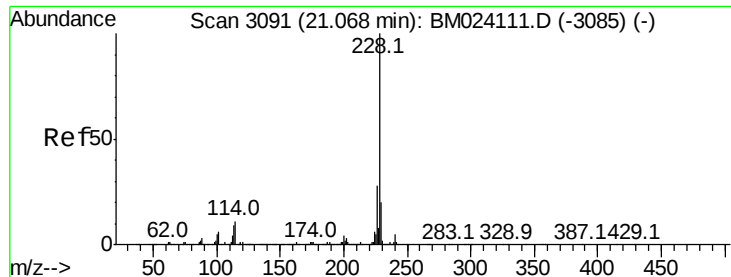


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 79.139 ng

RT: 21.07 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampled :

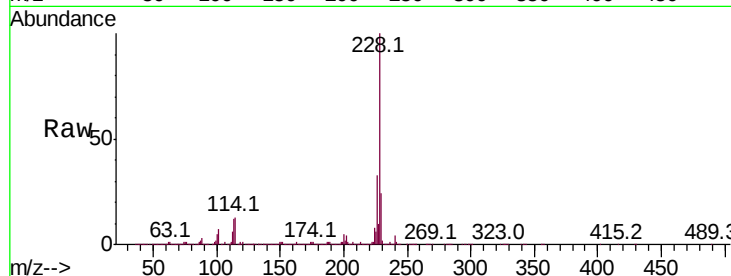
Tot Ion:228 Resp:11882292

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.1	33.1
229	24.0	16.1	24.1

228 100

226 32.7 22.1 33.1

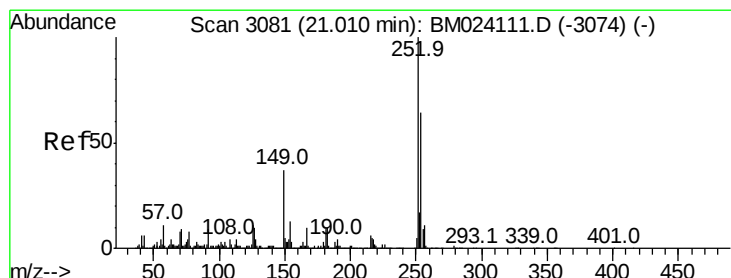
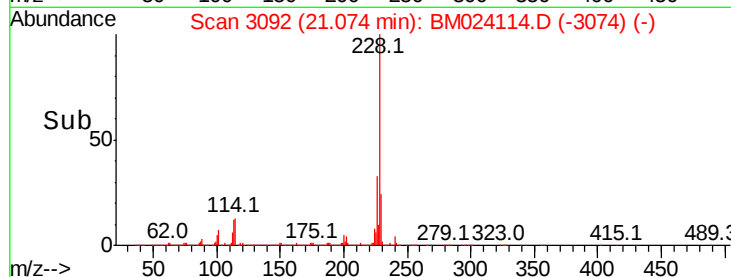
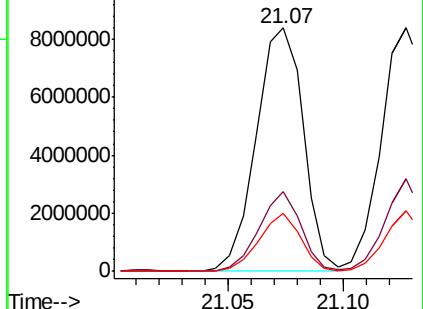
229 24.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 82.468 ng

RT: 21.02 min Scan# 3082

Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

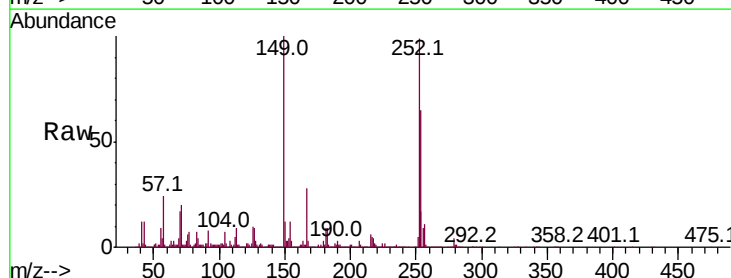
Tgt Ion:252 Resp: 4391114

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.3	76.9
126	9.8	8.6	13.0

252 100

254 65.4 51.3 76.9

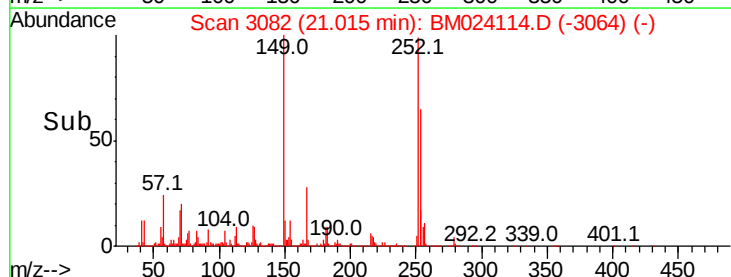
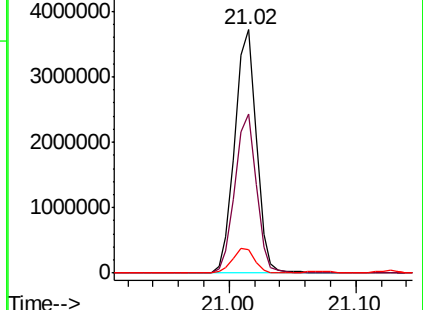
126 9.8 8.6 13.0

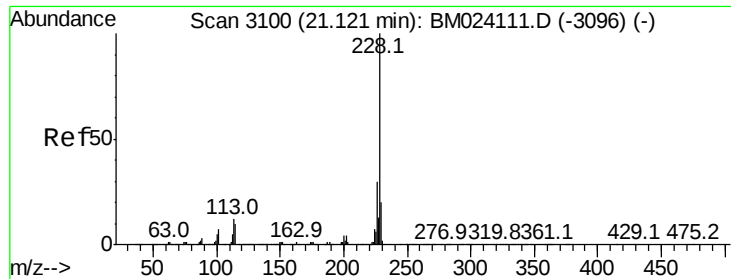


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



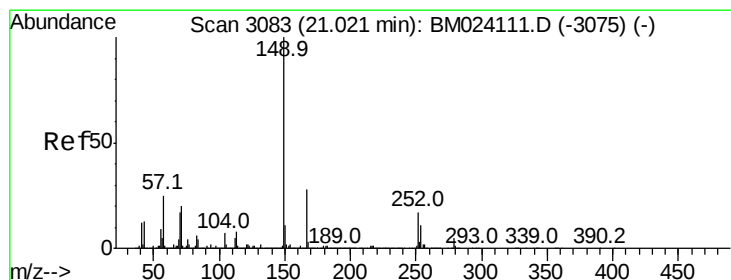
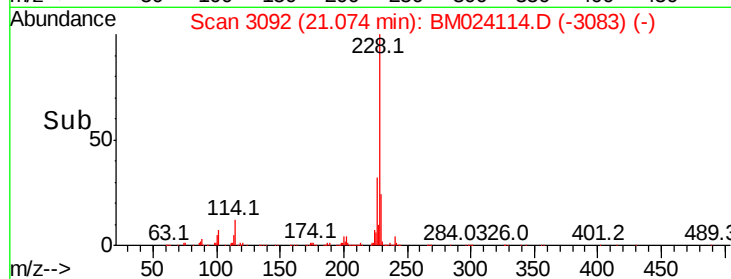
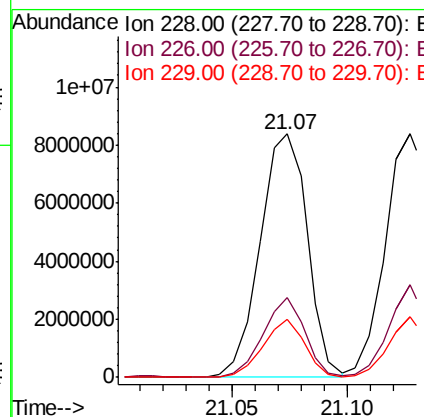
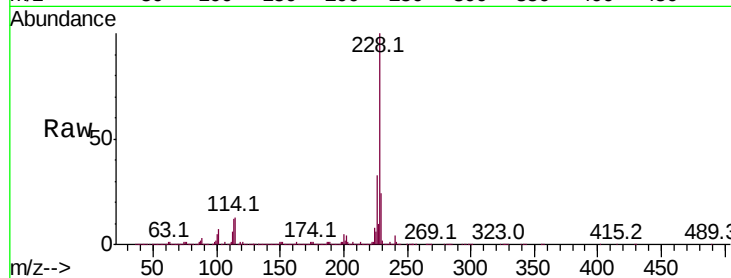


#83
 Chrysene
 Concen: 81.630 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.05 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:228 Resp:11882292

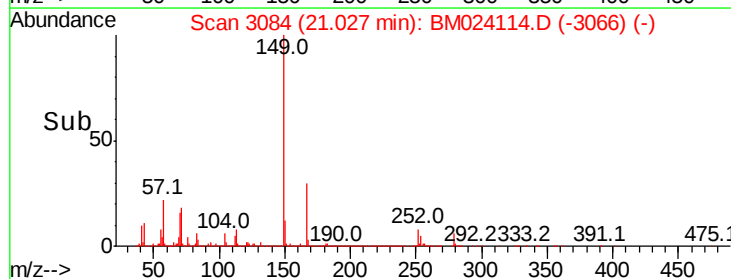
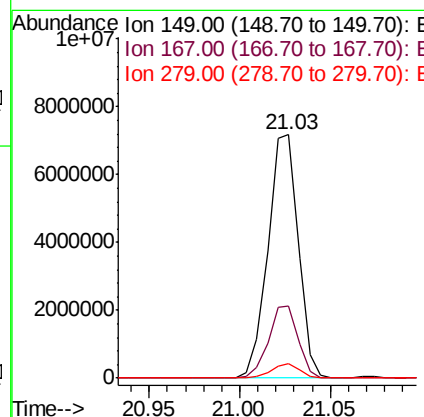
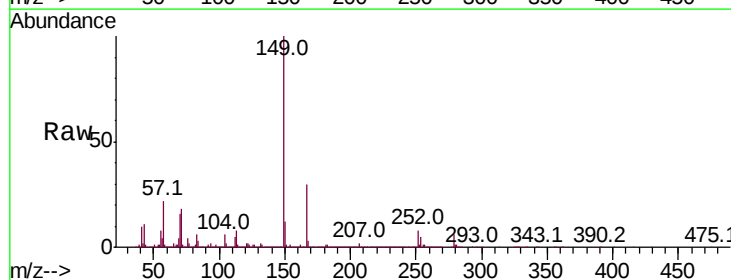
Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.2	36.2
229	24.0	16.1	24.1

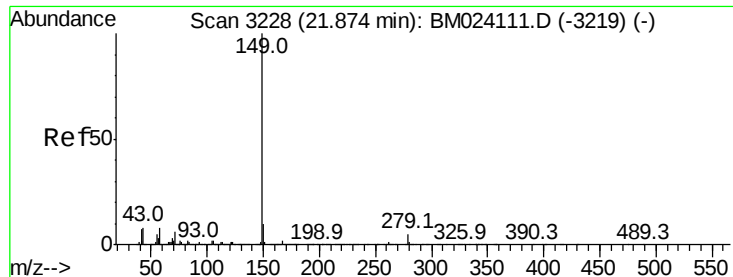


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 97.696 ng
 RT: 21.03 min Scan# 3084
 Delta R.T. 0.01 min
 Lab File: BM024114.D
 Acq: 16 Dec 2019 18:33

Tgt Ion:149 Resp: 8352304

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.1	33.1
279	6.2	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 89.222 ng

RT: 21.87 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Instrument :

BNA_M

ClientSampleId :

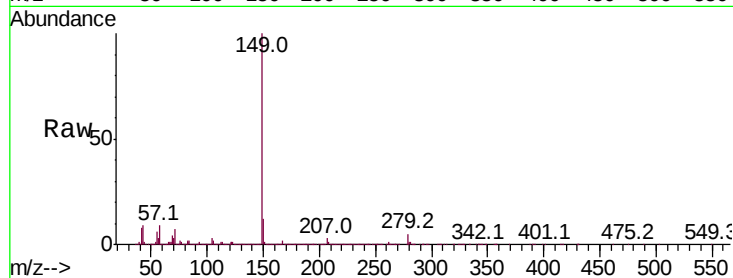
Tot Ion:149 Resp:12157047

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

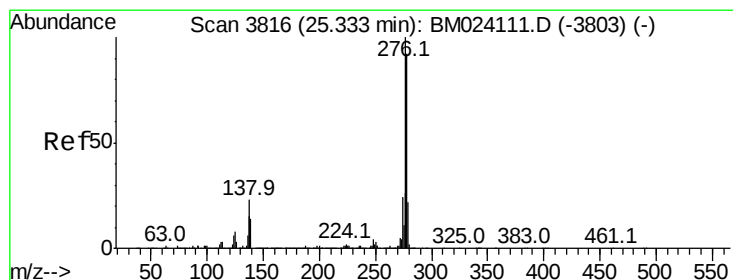
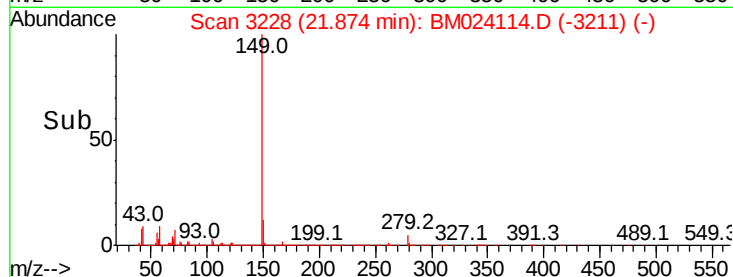
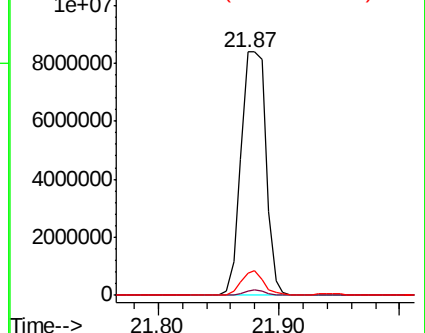
43 9.2 6.6 9.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 75.826 ng

RT: 25.35 min Scan# 3819

Delta R.T. 0.02 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

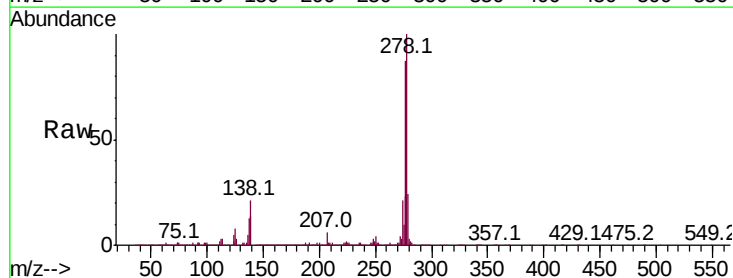
Tgt Ion:276 Resp:13173732

Ion Ratio Lower Upper

276 100

138 22.0 0.0 0.0#

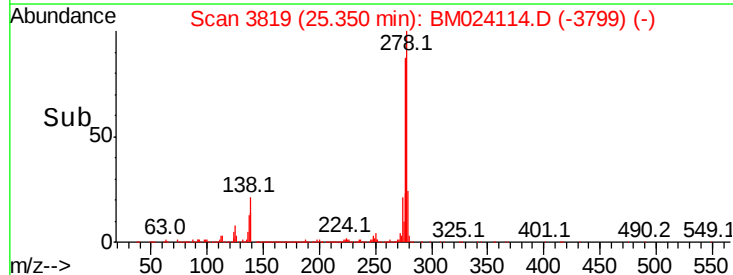
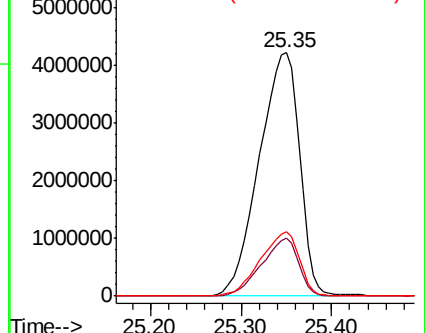
277 25.5 0.0 0.0#

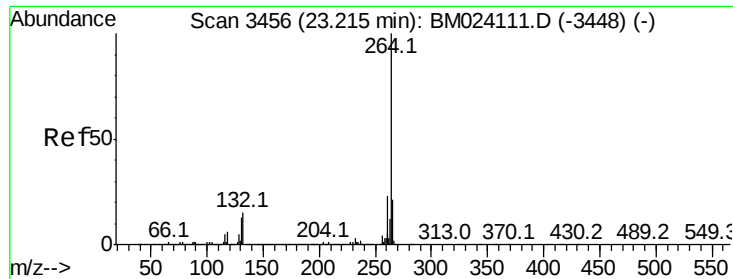


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.22 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

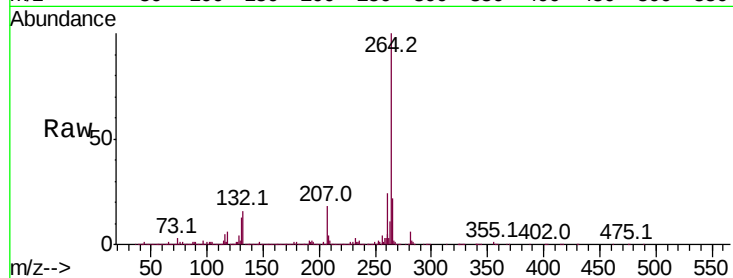
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 2527428

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.9	17.4	26.0

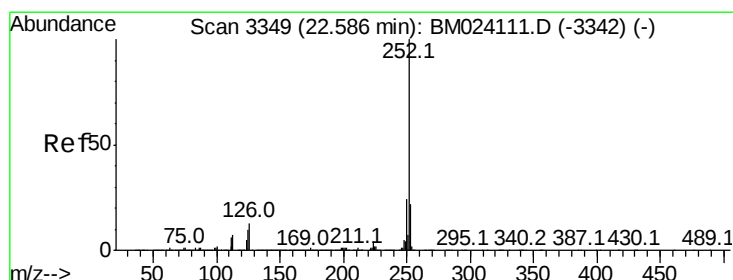
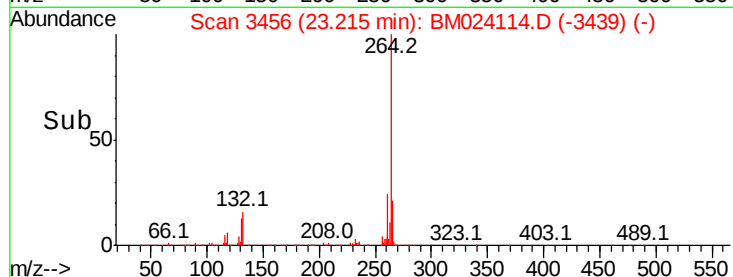
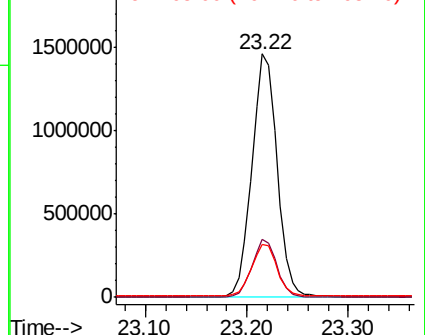


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 87.748 ng

RT: 22.60 min Scan# 3351

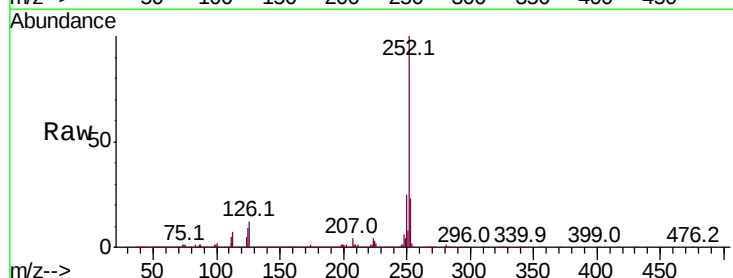
Delta R.T. 0.01 min

Lab File: BM024114.D

Acq: 16 Dec 2019 18:33

Tgt Ion:252 Resp:13427907

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.4	7.9	11.9

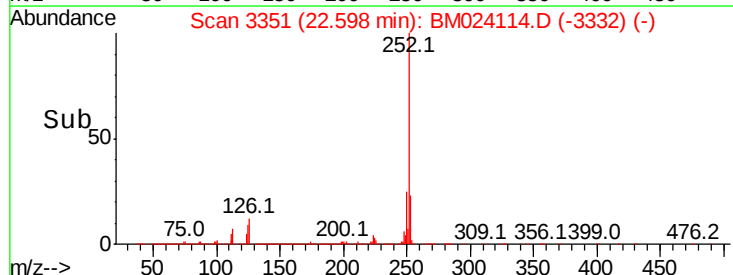
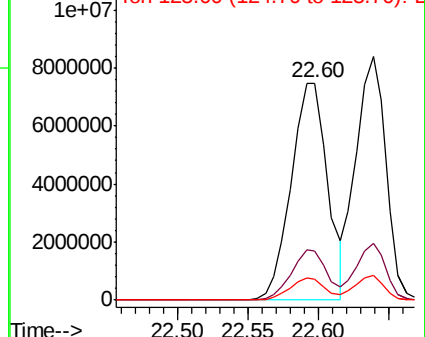


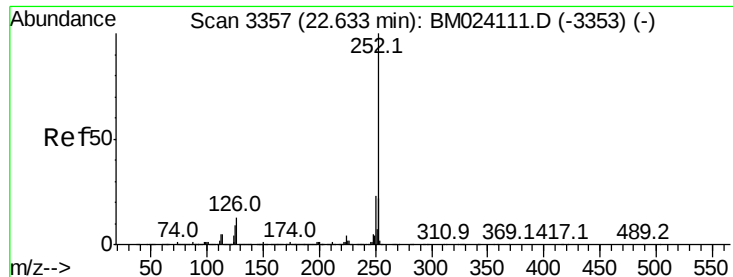
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

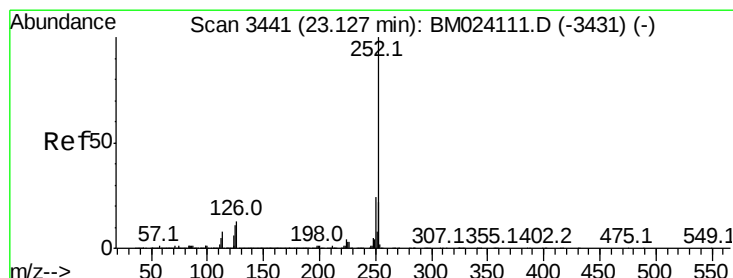
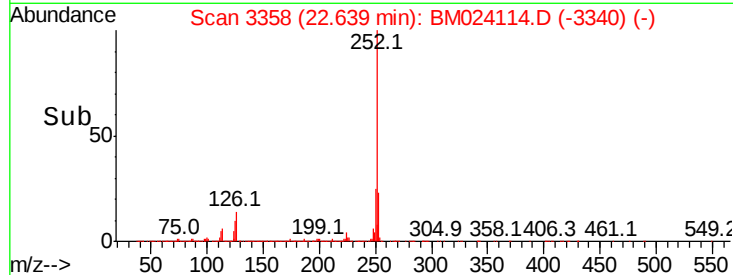
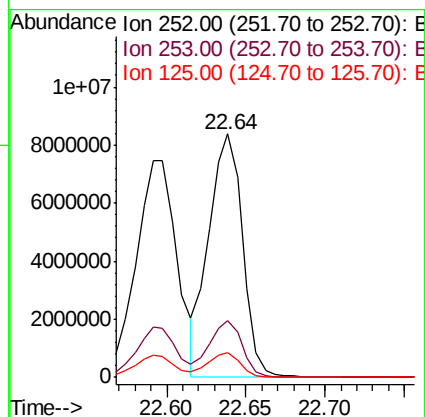
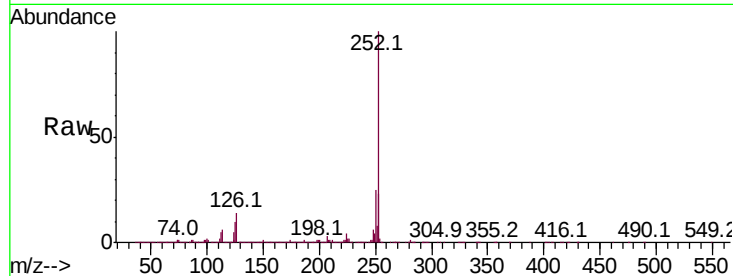




#89
Benzo(k)fluoranthene
Concen: 81.609 ng
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

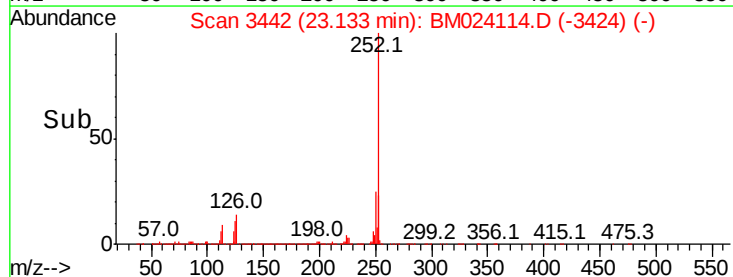
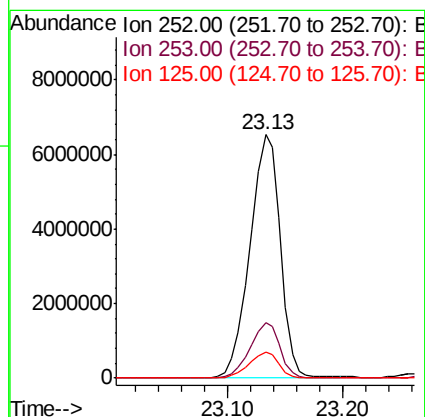
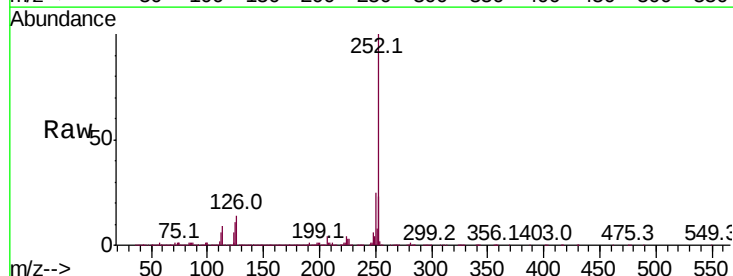
Instrument :
BNA_M
ClientSampleId :

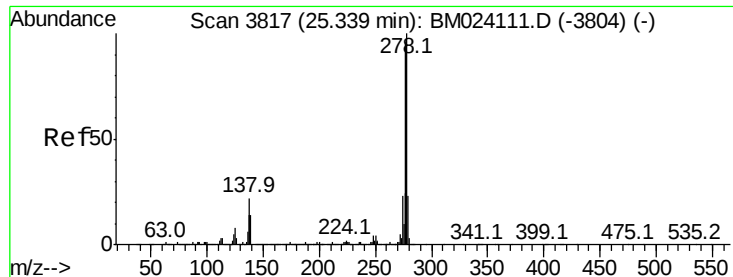
Tot Ion:252 Resp:12391412
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 85.006 ng
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:252 Resp:11986667
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.9 8.5 12.7

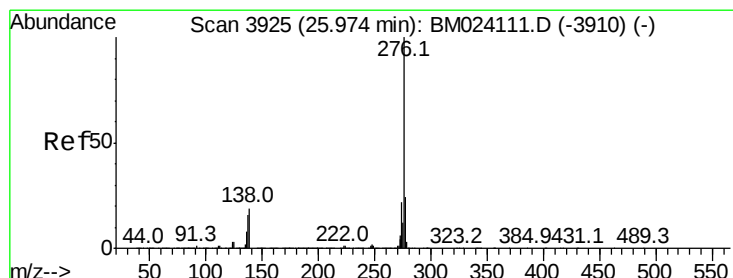
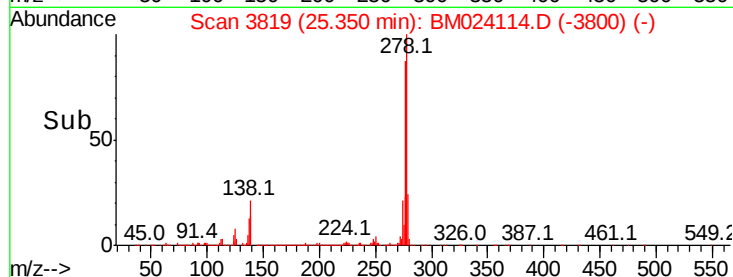
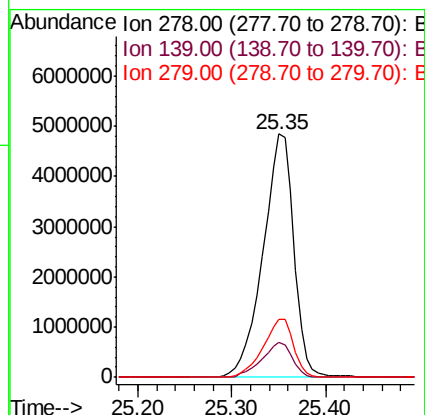
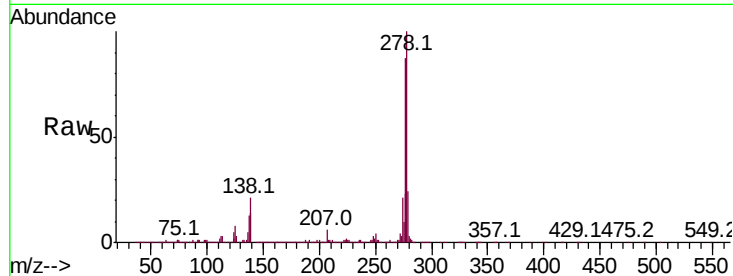




#91
Dibenzo(a,h)anthracene
Concen: 74.606 ng
RT: 25.35 min Scan# 3819
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp:11004062
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 71.673 ng
RT: 25.99 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BM024114.D
Acq: 16 Dec 2019 18:33

Tgt Ion:276 Resp:10040882
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 18.8 15.4 23.0

