

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024113.D
 Acq On : 16 Dec 2019 17:57
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 16 18:30:00 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	386359	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1660923	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1100016	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2385442	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2386947	20.00	ng	0.00
87) Perylene-d12	23.22	264	2729775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	2624302	107.72	ng	0.00
7) Phenol-d6	6.66	99	4021737	128.53	ng	0.00
23) Nitrobenzene-d5	8.62	82	4258553	142.33	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1958624	142.63	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	9514666	119.11	ng	0.00
79) Terphenyl-d14	19.53	244	13235200	107.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	546879	55.790	ng	# 100
3) Pyridine	3.43	79	1499029	58.017	ng	98
4) n-Nitrosodimethylamine	3.35	42	520834	55.372	ng	94
6) Aniline	6.80	93	2553337	68.057	ng	99
8) 2-Chlorophenol	7.03	128	1537850	61.958	ng	99
9) Benzaldehyde	6.61	77	855142	47.998	ng	97
10) Phenol	6.68	94	2078068	70.545	ng	98
11) bis(2-Chloroethyl)ether	6.90	93	1602846	69.257	ng	99
12) 1,3-Dichlorobenzene	7.35	146	1727974	58.249	ng	100
13) 1,4-Dichlorobenzene	7.49	146	1752116	58.341	ng	99
14) 1,2-Dichlorobenzene	7.80	146	1723159	60.183	ng	99
15) Benzyl Alcohol	7.71	79	1587605	81.089	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.00	45	1936279	57.594	ng	99
17) 2-Methylphenol	7.92	107	1403433	71.979	ng	98
18) Hexachloroethane	8.52	117	662313	60.128	ng	98
19) n-Nitroso-di-n-propylamine	8.27	70	1484076	84.938	ng	98
20) 3+4-Methylphenols	8.25	107	1954717	75.268	ng	97
22) Acetophenone	8.28	105	2699731	65.850	ng	# 99
24) Nitrobenzene	8.66	77	2067661	72.225	ng	98
25) Isophorone	9.18	82	3842303	78.099	ng	100
26) 2-Nitrophenol	9.36	139	944518	76.425	ng	98
27) 2,4-Dimethylphenol	9.43	122	1328907	64.230	ng	98
28) bis(2-Chloroethoxy)methane	9.66	93	2425307	71.240	ng	99
29) 2,4-Dichlorophenol	9.89	162	1597904	68.310	ng	99
30) 1,2,4-Trichlorobenzene	10.09	180	1775285	61.685	ng	99
31) Naphthalene	10.27	128	5287620	64.431	ng	99
32) Benzoic acid	9.65	122	1177404	88.418	ng	99
33) 4-Chloroaniline	10.40	127	2393231	67.165	ng	98
34) Hexachlorobutadiene	10.56	225	1024945	59.743	ng	99
35) Caprolactam	11.23	113	477893	68.912	ng	97
36) 4-Chloro-3-methylphenol	11.55	107	1881214	82.429	ng	100
37) 2-Methylnaphthalene	11.90	142	3949253	69.134	ng	99
38) 1-Methylnaphthalene	12.13	142	3757978	69.304	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1979420	53.106	ng	100

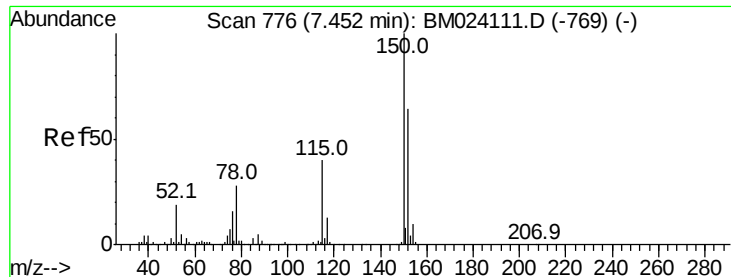
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
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 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	782836	38.494	ng	100
43) 2,4,6-Trichlorophenol	12.54	196	1350460	62.775	ng	100
44) 2,4,5-Trichlorophenol	12.62	196	1384872	61.775	ng	97
46) 1,1'-Biphenyl	12.95	154	5256684	57.740	ng	99
47) 2-Chloronaphthalene	12.98	162	4163263	61.354	ng	99
48) 2-Nitroaniline	13.20	65	1432141	81.051	ng	97
49) Acenaphthylene	13.84	152	6487761	64.564	ng	100
50) Dimethylphthalate	13.60	163	5393437	67.846	ng	100
51) 2,6-Dinitrotoluene	13.72	165	1181500	71.053	ng	97
52) Acenaphthene	14.19	154	3971235	60.408	ng	100
53) 3-Nitroaniline	14.05	138	1341538	70.080	ng	97
54) 2,4-Dinitrophenol	14.26	184	699756	89.127	ng	99
55) Dibenzofuran	14.52	168	6224708	64.858	ng	100
56) 4-Nitrophenol	14.38	139	1002509	68.134	ng	97
57) 2,4-Dinitrotoluene	14.52	165	1686896	77.437	ng	99
58) Fluorene	15.18	166	5234388	67.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1263874	64.645	ng	100
60) Diethylphthalate	14.97	149	5448627	70.489	ng	99
61) 4-Chlorophenyl-phenylether	15.18	204	2594157	64.736	ng	99
62) 4-Nitroaniline	15.22	138	1328429	66.191	ng	99
63) Azobenzene	15.47	77	5267602	75.463	ng	99
65) 4,6-Dinitro-2-methylphenol	15.29	198	897461	80.334	ng	98
66) n-Nitrosodiphenylamine	15.40	169	4482721	61.513	ng	100
67) 4-Bromophenyl-phenylether	16.07	248	1706244	64.309	ng	98
68) Hexachlorobenzene	16.19	284	2057817	66.508	ng	99
69) Atrazine	16.36	200	883253	37.283	ng	99
70) Pentachlorophenol	16.53	266	1004782	60.892	ng	99
71) Phenanthrene	16.92	178	8247517	61.274	ng	99
72) Anthracene	17.01	178	8072969	61.886	ng	100
73) Carbazole	17.29	167	7639126	62.930	ng	100
74) Di-n-butylphthalate	17.86	149	9410702	68.370	ng	99
75) Fluoranthene	18.94	202	9483074	62.435	ng	98
77) Benzidine	19.14	184	2450163	37.417	ng	100
78) Pyrene	19.31	202	9715420	62.108	ng	99
80) Butylbenzylphthalate	20.24	149	4574232	76.942	ng	96
81) Benzo(a)anthracene	21.07	228	9554123	61.758	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	3462597	63.115	ng	99
83) Chrysene	21.13	228	9178350	61.197	ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	6395903	72.609	ng	98
85) Di-n-octyl phthalate	21.88	149	10629002	75.710	ng	100
86) Indeno(1,2,3-cd)pyrene	25.34	276	10982325	61.351	ng	# 100
88) Benzo(b)fluoranthene	22.59	252	10323877	62.463	ng	100
89) Benzo(k)fluoranthene	22.63	252	10263778	62.586	ng	98
90) Benzo(a)pyrene	23.13	252	9614467	63.129	ng	100
91) Dibenzo(a,h)anthracene	25.34	278	9159848	57.499	ng	99
92) Benzo(g,h,i)perylene	25.98	276	8395730	55.487	ng	100

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

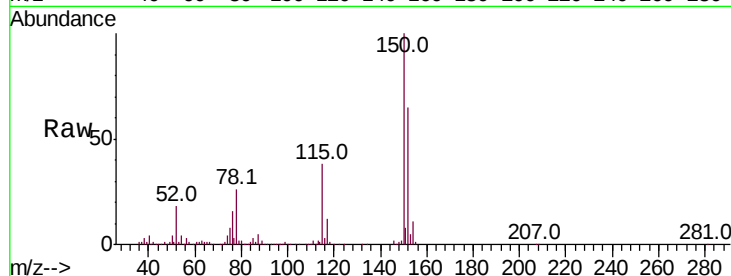


#1

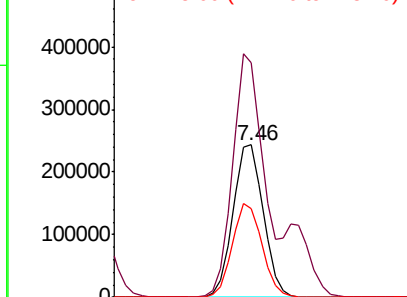
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.46 min Scan# 777
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

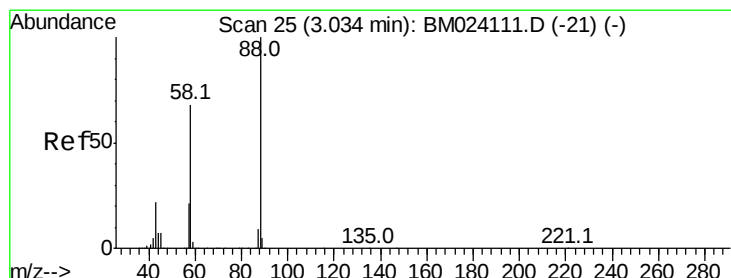
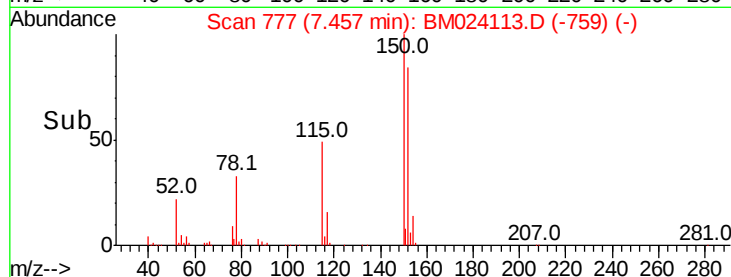
Tot Ion:152 Resp: 386359
Ion Ratio Lower Upper
152 100
150 154.3 125.0 187.6
115 58.6 49.8 74.6



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



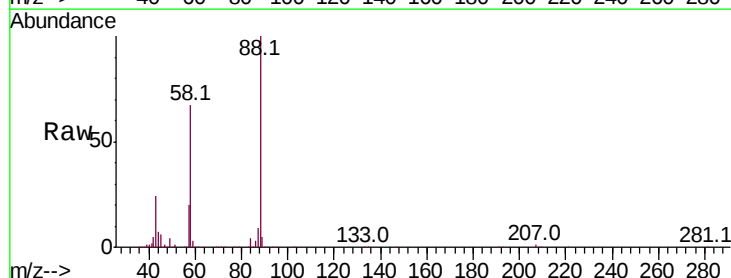
Time-->



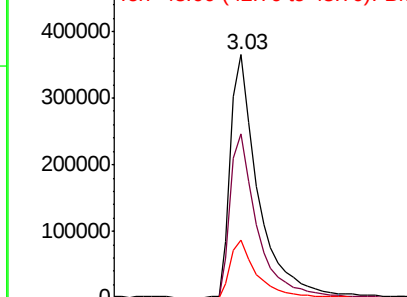
#2

1,4-Dioxane
Concen: 55.790 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

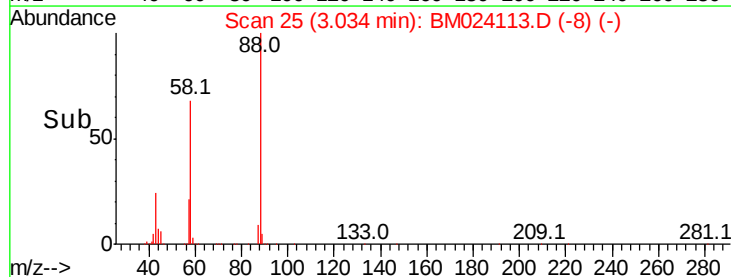
Tgt Ion: 88 Resp: 546879
Ion Ratio Lower Upper
88 100
58 66.9 0.0 0.0#
43 23.0 0.0 0.0#

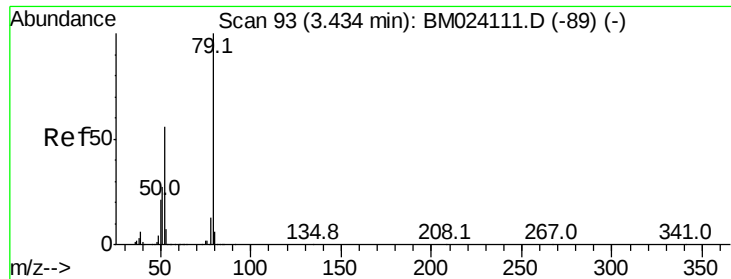


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



Time-->





#3

Pvridine

Concen: 58.017 ng

RT: 3.43 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampled :

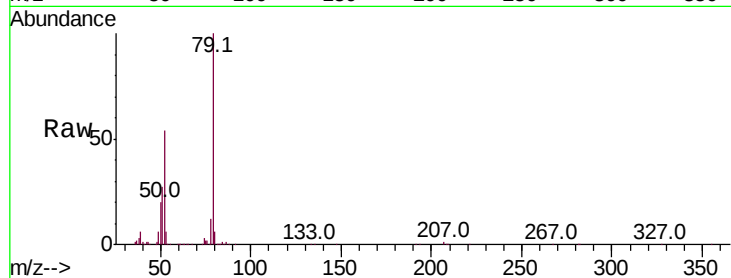
Tot Ion: 79 Resp: 1499029

Ion Ratio Lower Upper

79 100

52 54.1 44.5 66.7

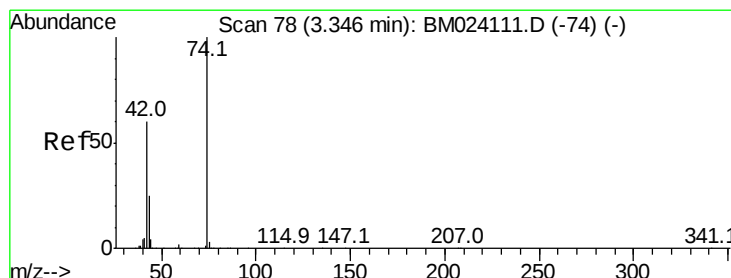
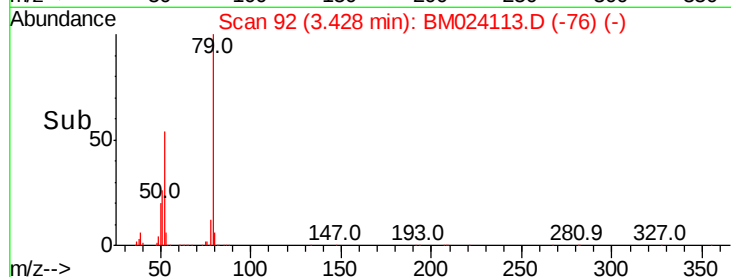
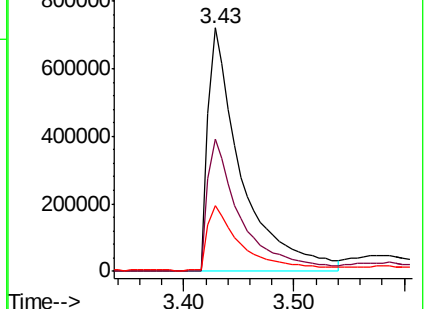
51 26.7 22.6 33.8



Abundance Ion 79.00 (78.70 to 79.70): BM024111.D (-89) (-)

Ion 52.00 (51.70 to 52.70): BM024111.D (-89) (-)

Ion 51.00 (50.70 to 51.70): BM024111.D (-89) (-)



#4

n-Nitrosodimethylamine

Concen: 55.372 ng

RT: 3.35 min Scan# 78

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

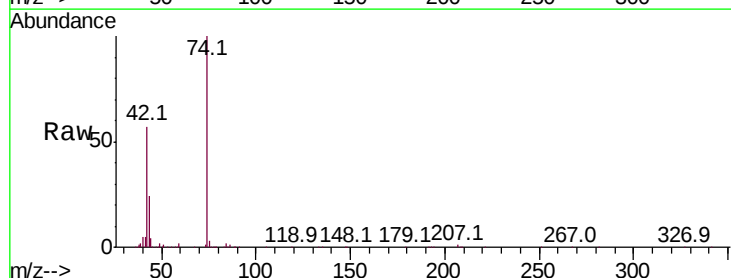
Tgt Ion: 42 Resp: 520834

Ion Ratio Lower Upper

42 100

74 175.0 133.6 200.4

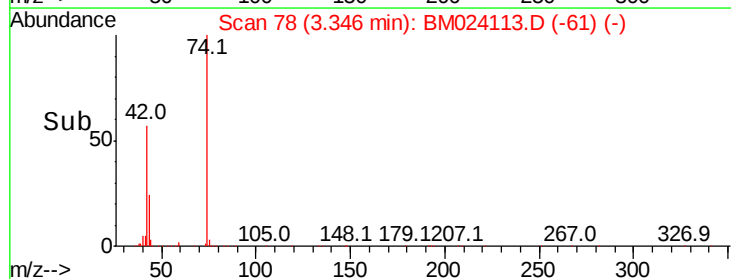
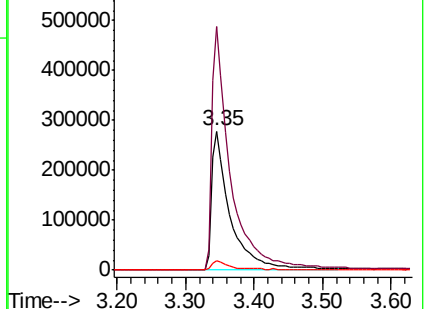
44 6.4 5.4 8.0

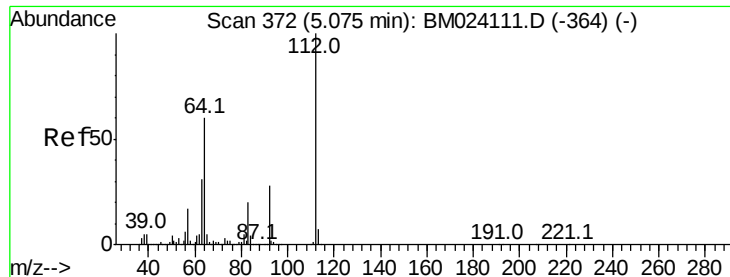


Abundance Ion 42.00 (41.70 to 42.70): BM024111.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BM024111.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM024111.D (-74) (-)





#5

2-Fluorophenol

Concen: 107.725 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

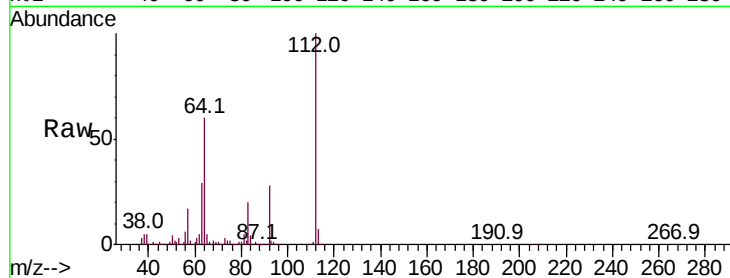
Tot Ion:112 Resp: 2624302

Ion Ratio Lower Upper

112 100

64 59.5 48.4 72.6

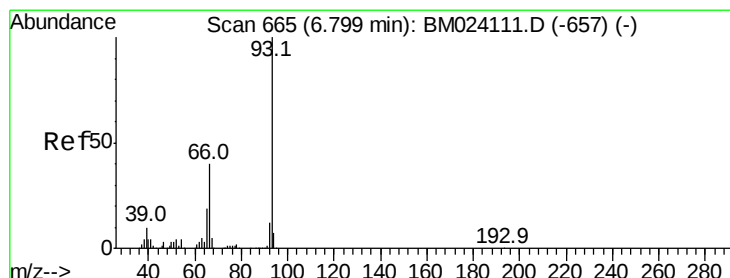
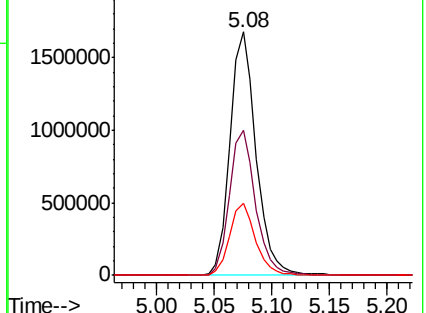
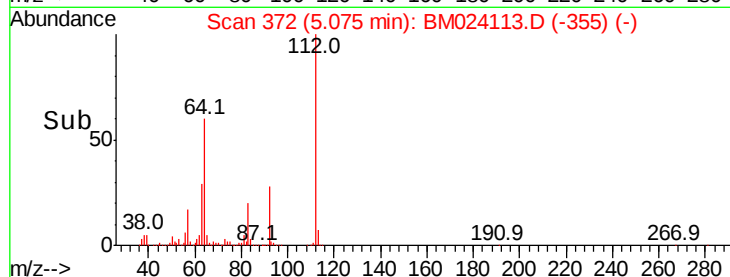
63 29.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 68.057 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

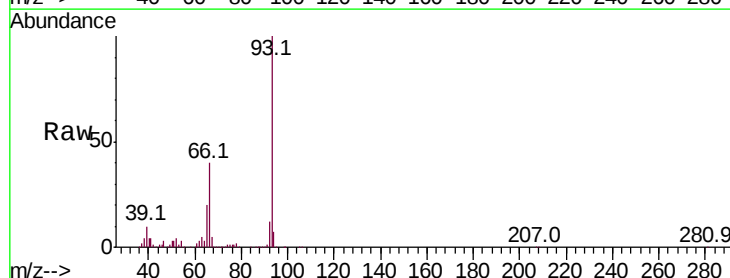
Tgt Ion: 93 Resp: 2553337

Ion Ratio Lower Upper

93 100

66 40.3 32.0 48.0

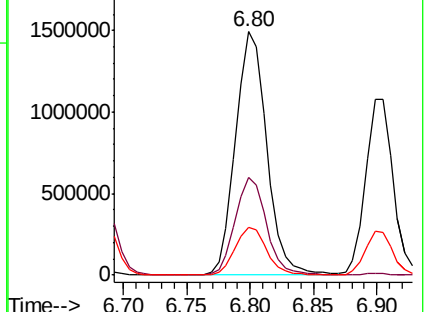
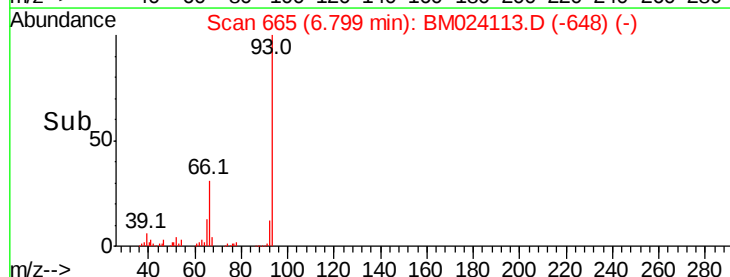
65 19.7 15.4 23.0

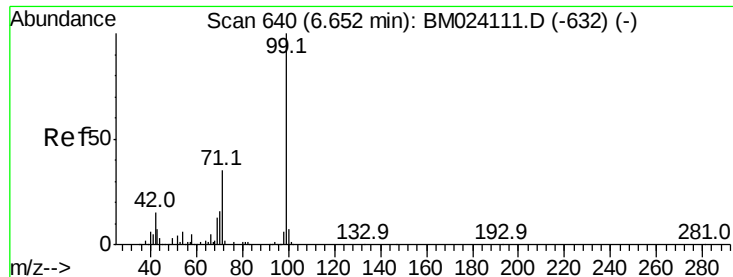


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 128.535 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

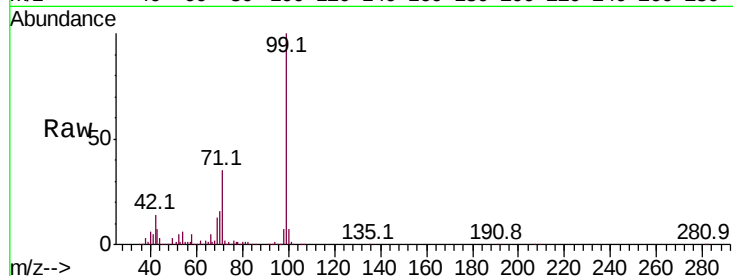
Tot Ion: 99 Resp: 4021737

Ion Ratio Lower Upper

99 100

42 14.4 11.9 17.9

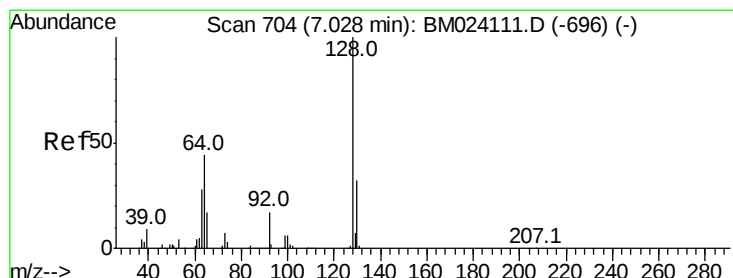
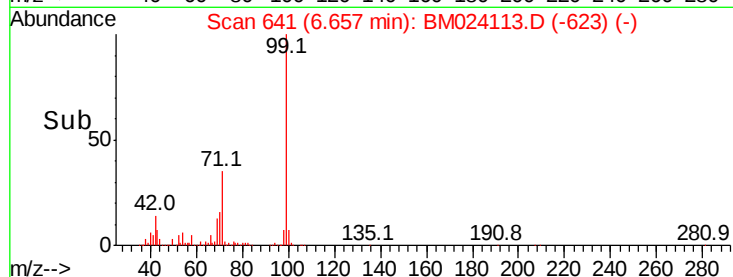
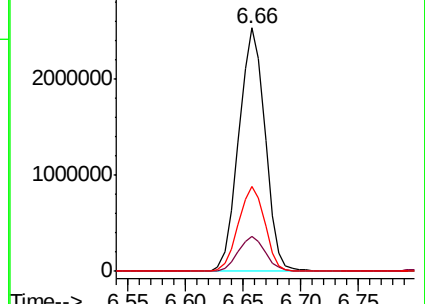
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM024113.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM024113.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM024113.D (-632) (-)



#8

2-Chlorophenol

Concen: 61.958 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

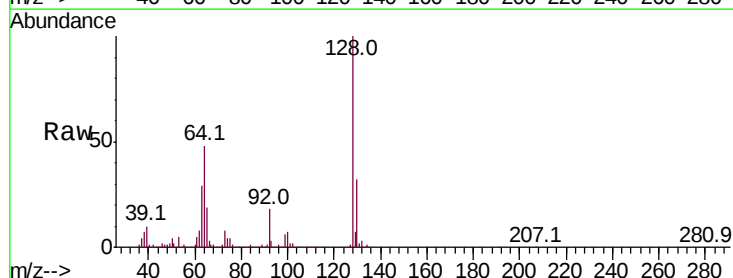
Tgt Ion:128 Resp: 1537850

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

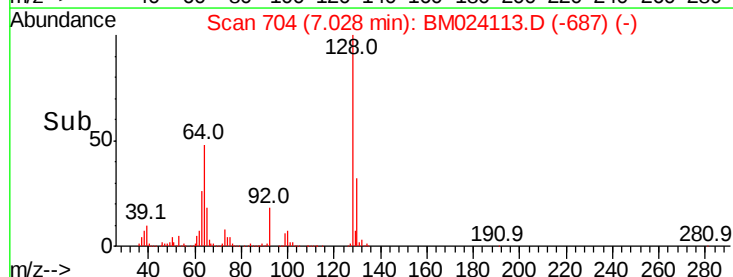
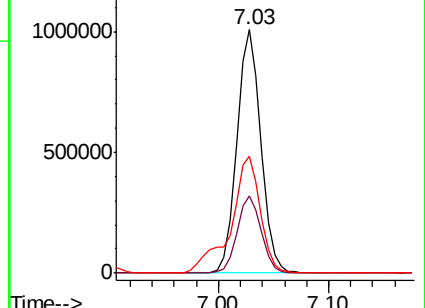
64 48.2 28.9 68.9

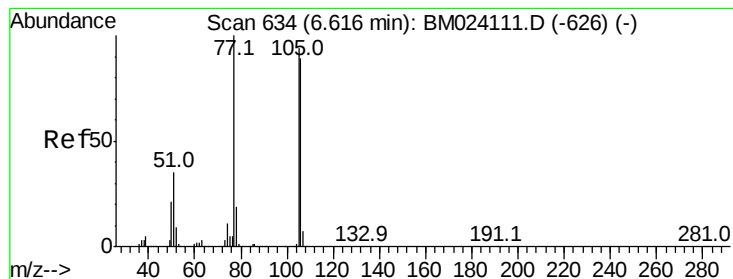


Abundance Ion 128.00 (127.70 to 128.70): BM024113.D (-687) (-)

Ion 130.00 (129.70 to 130.70): BM024113.D (-687) (-)

Ion 64.00 (63.70 to 64.70): BM024113.D (-687) (-)





#9

Benzaldehyde

Concen: 47.998 ng

RT: 6.61 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

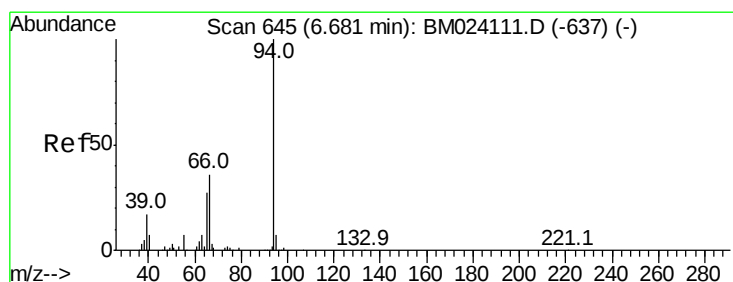
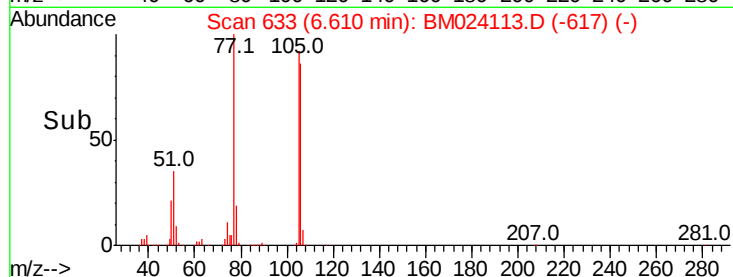
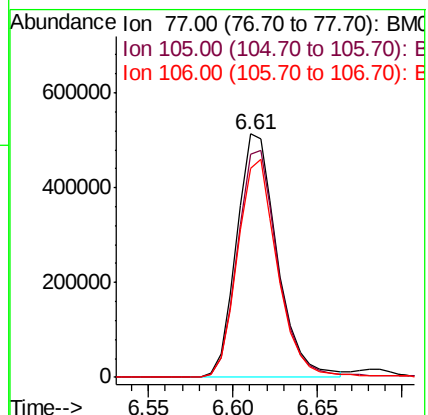
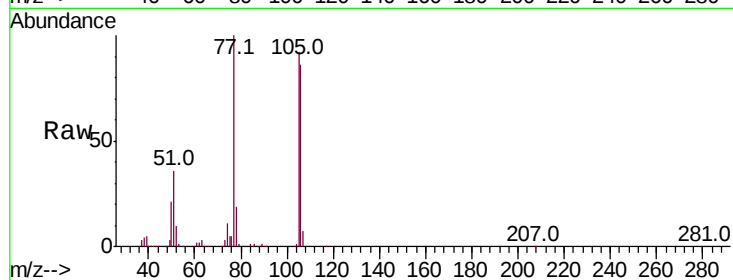
Tot Ion: 77 Resp: 855142

Ion Ratio Lower Upper

77 100

105 91.8 73.9 113.9

106 86.0 69.3 109.3



#10

Phenol

Concen: 70.545 ng

RT: 6.68 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

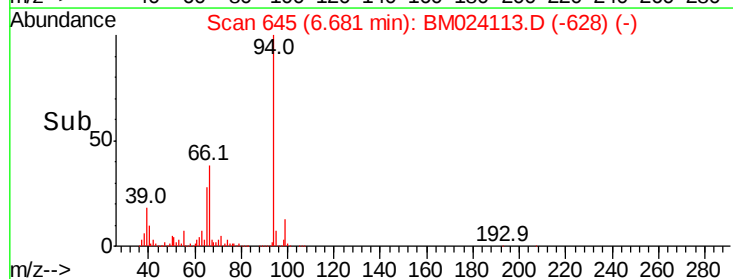
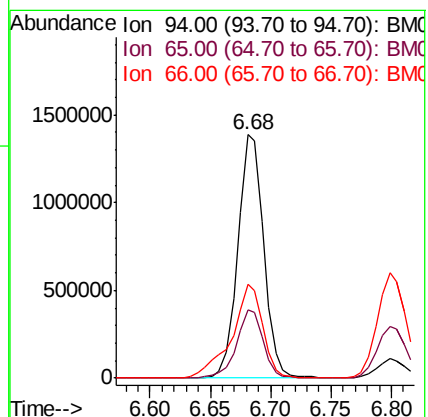
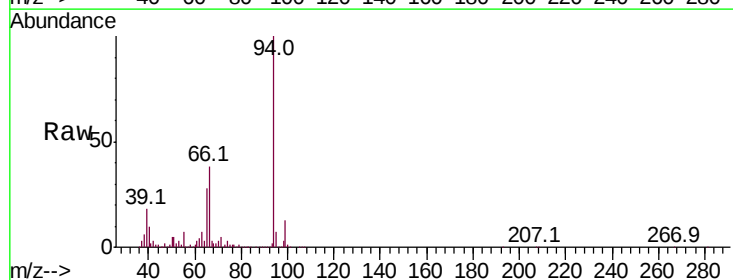
Tgt Ion: 94 Resp: 2078068

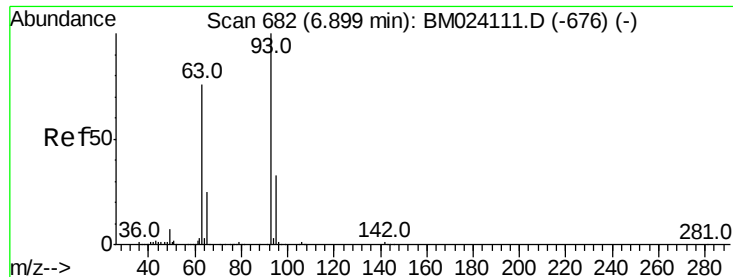
Ion Ratio Lower Upper

94 100

65 28.0 7.3 47.3

66 38.5 17.3 57.3

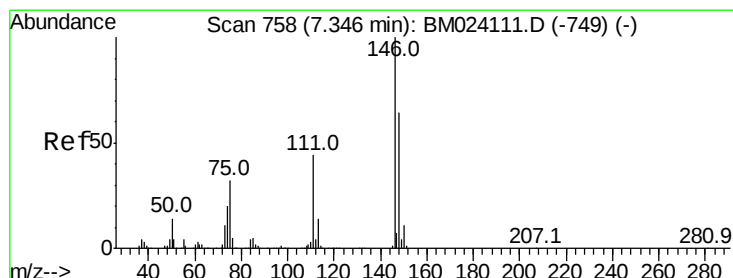
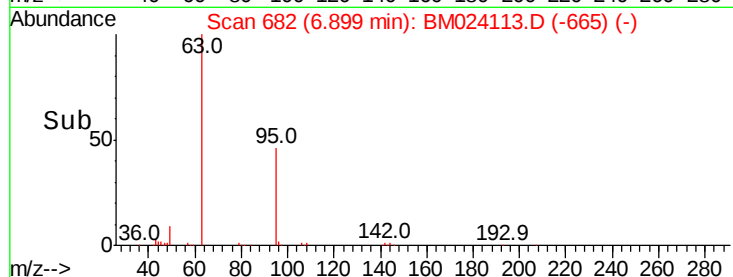
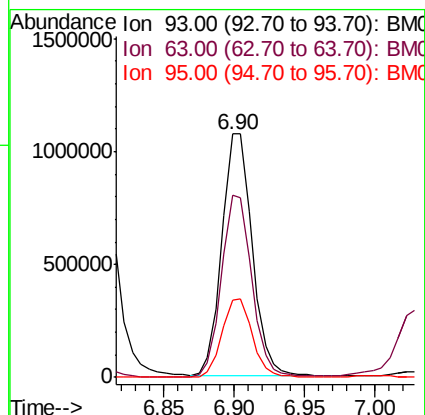
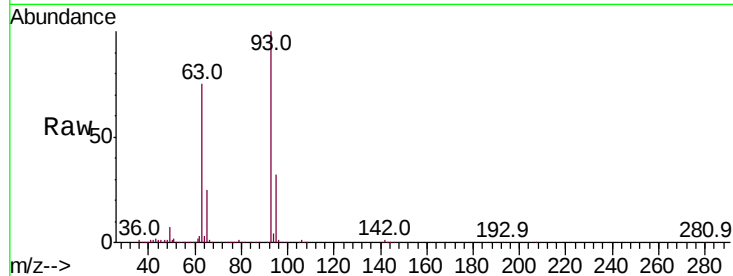




#11
bis(2-Chloroethyl)ether
Concen: 69.257 ng
RT: 6.90 min Scan# 682
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

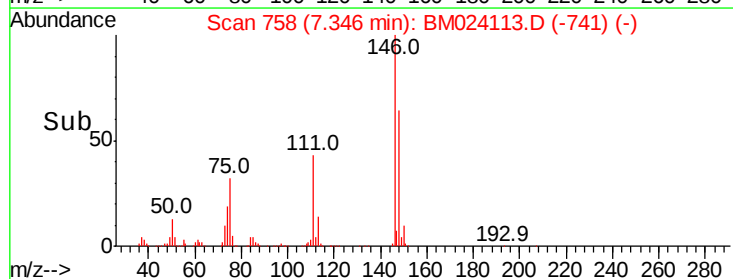
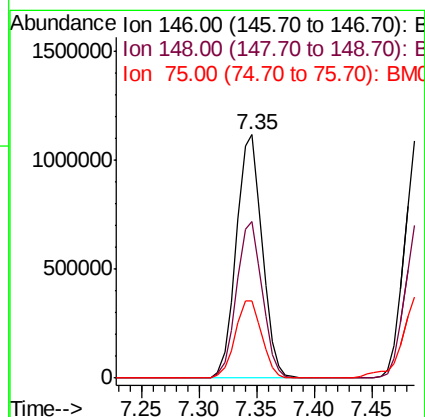
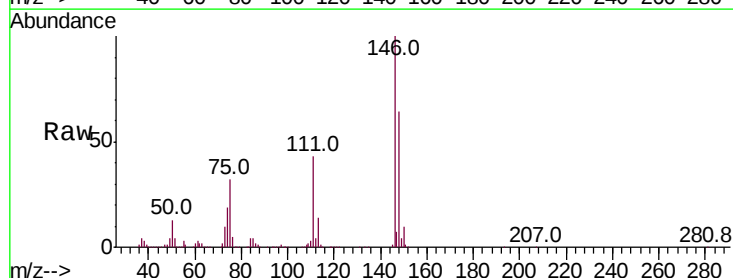
Instrument :
BNA_M
ClientSampled :

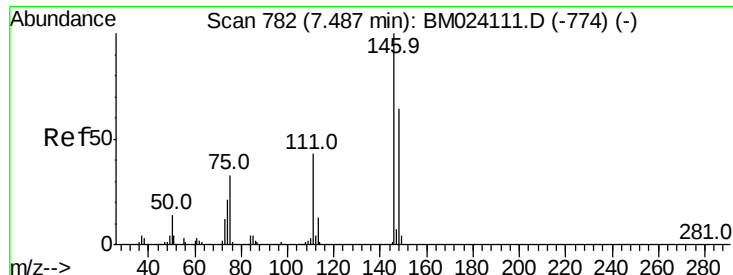
Tot Ion: 93 Resp: 1602846
Ion Ratio Lower Upper
93 100
63 74.7 55.0 95.0
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 58.249 ng
RT: 7.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion: 146 Resp: 1727974
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 31.7 25.5 38.3

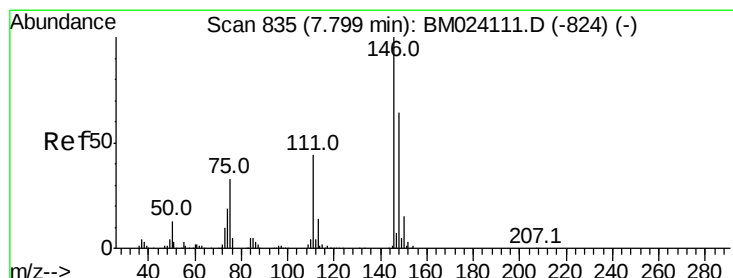
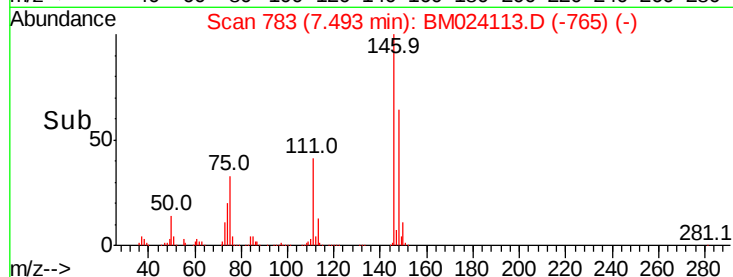
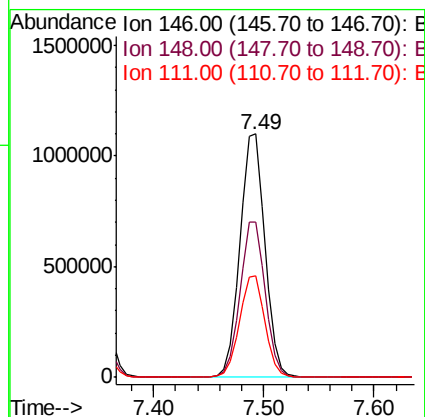
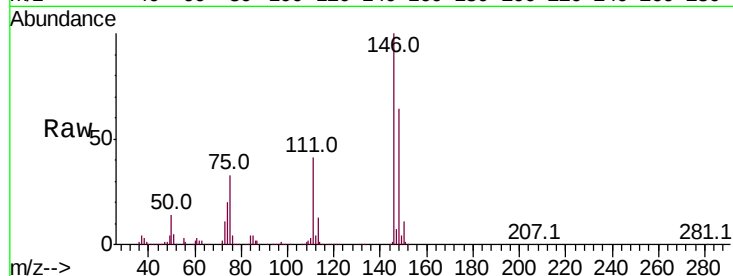




#13
 1,4-Dichlorobenzene
 Concen: 58.341 ng
 RT: 7.49 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

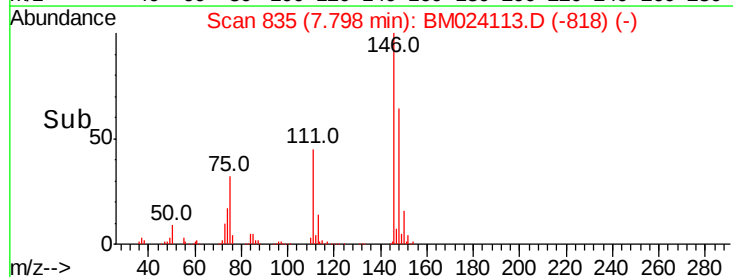
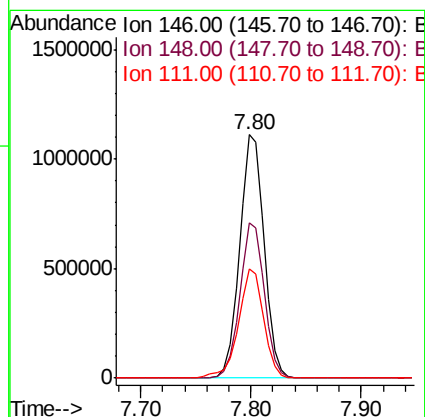
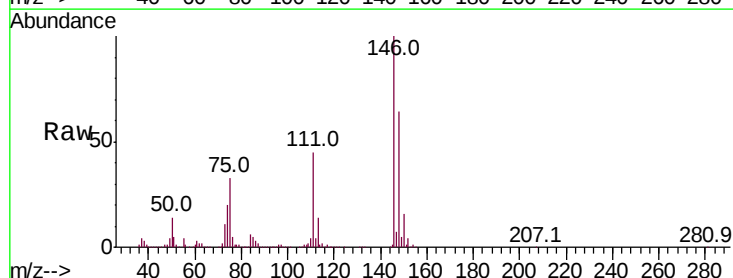
Instrument :
 BNA_M
 ClientSampled :

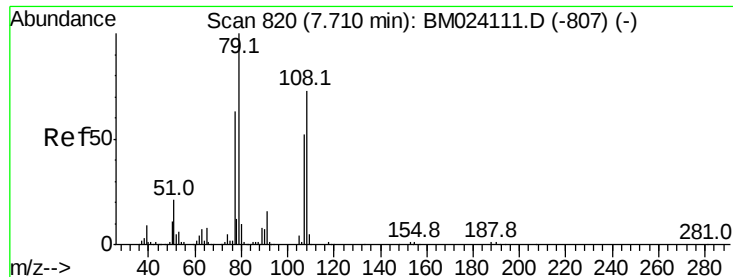
Tot Ion:146 Resp: 1752116
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 41.5 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 60.183 ng
 RT: 7.80 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion:146 Resp: 1723159
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.0
 111 44.7 34.8 52.2





#15

Benzyl Alcohol

Concen: 81.089 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampled :

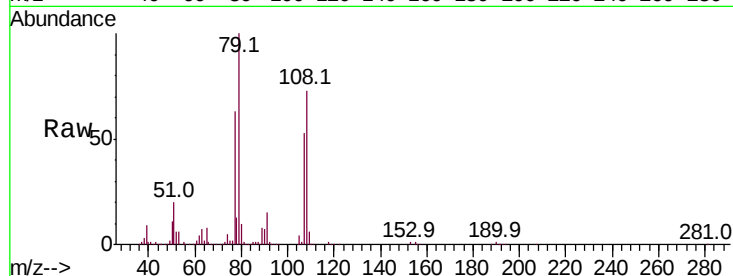
Tot Ion: 79 Resp: 1587605

Ion Ratio Lower Upper

79 100

108 72.9 58.7 88.1

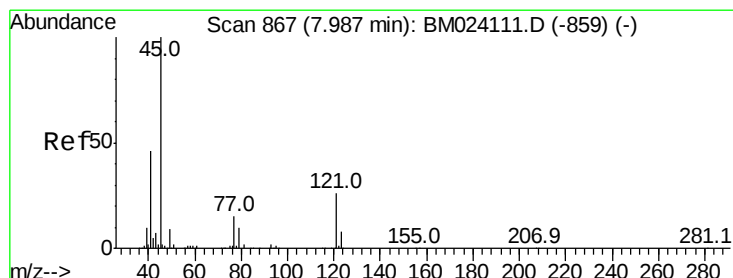
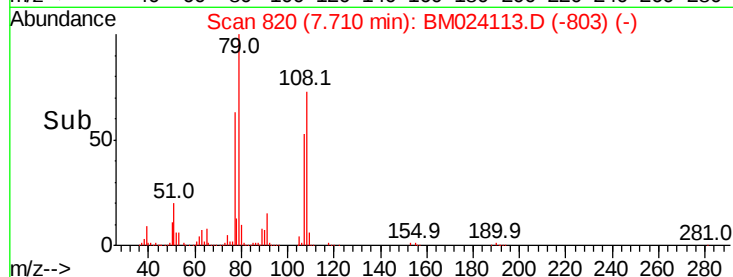
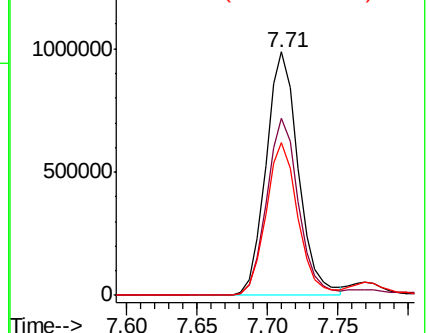
77 62.5 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BM024111.D (-807) (-)

Ion 108.00 (107.70 to 108.70): BM024111.D (-807) (-)

Ion 77.00 (76.70 to 77.70): BM024111.D (-807) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 57.594 ng

RT: 8.00 min Scan# 869

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

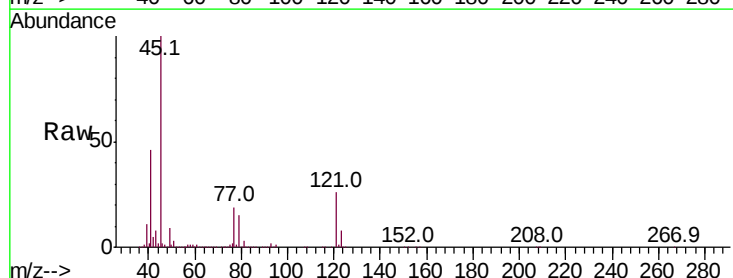
Tgt Ion: 45 Resp: 1936279

Ion Ratio Lower Upper

45 100

77 18.7 0.0 38.7

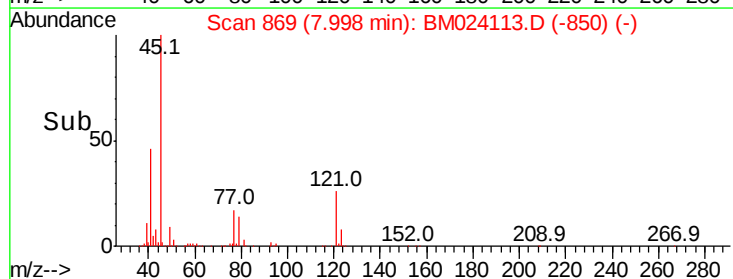
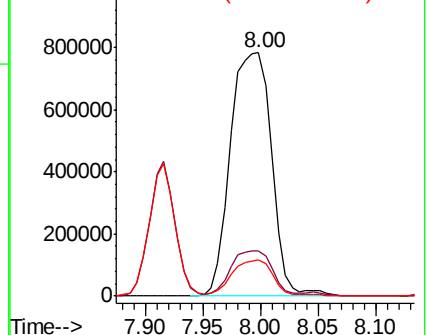
79 14.9 0.0 33.8

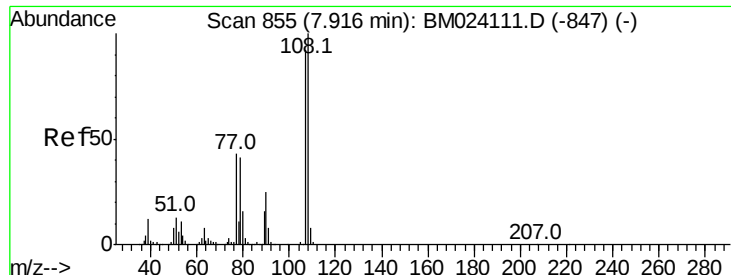


Abundance Ion 45.00 (44.70 to 45.70): BM024111.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM024111.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM024111.D (-859) (-)





#17

2-Methylphenol

Concen: 71.979 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 1403433

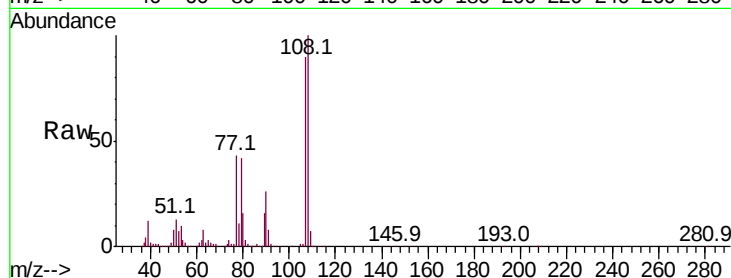
Ion Ratio Lower Upper

107 100

108 110.9 87.5 131.3

77 48.0 37.6 56.4

79 47.0 36.6 54.8

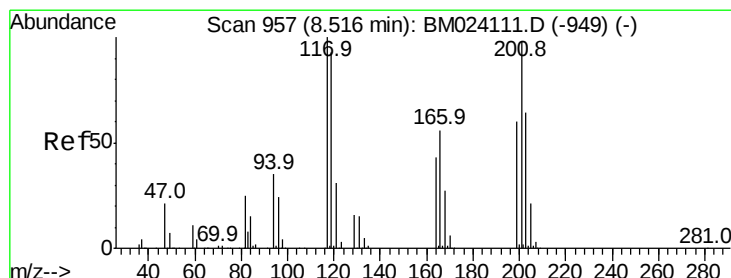
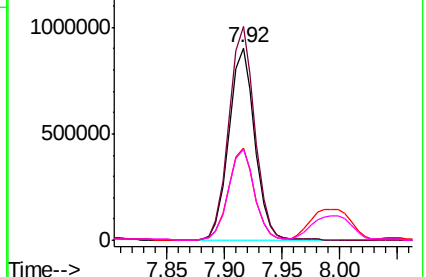
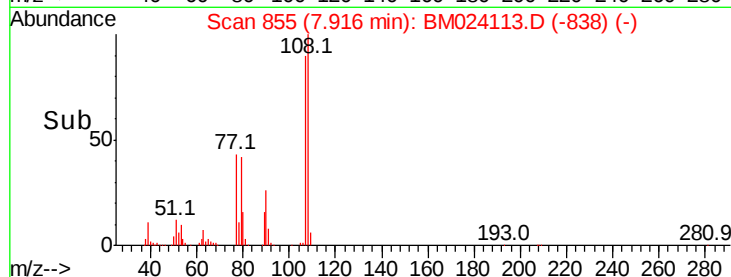


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 60.128 ng

RT: 8.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

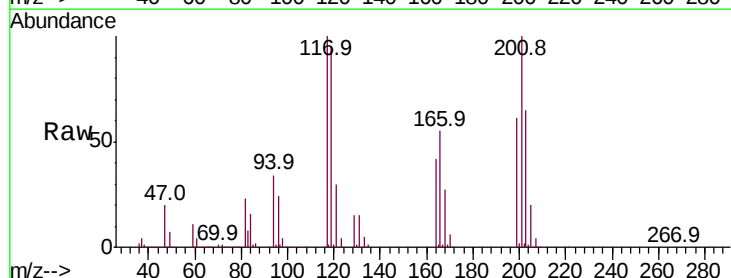
Tgt Ion:117 Resp: 662313

Ion Ratio Lower Upper

117 100

119 95.5 74.7 112.1

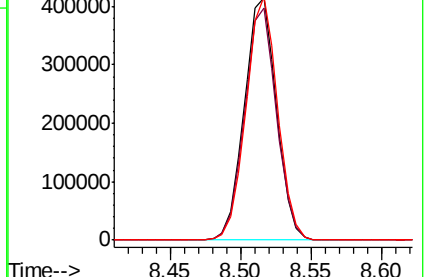
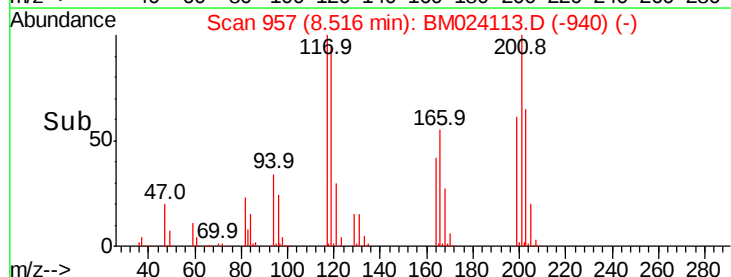
201 100.4 78.2 117.2

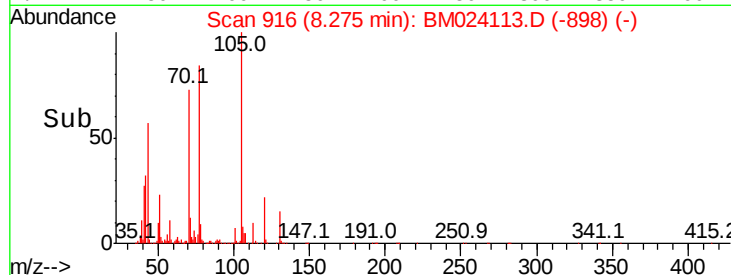
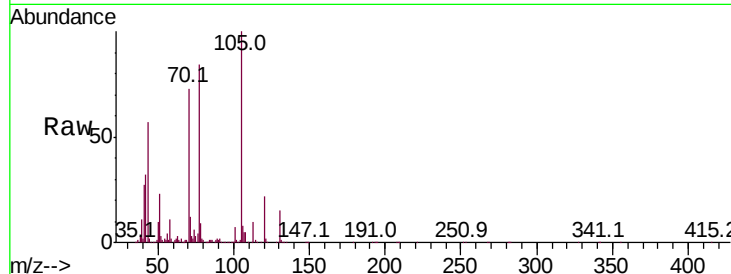
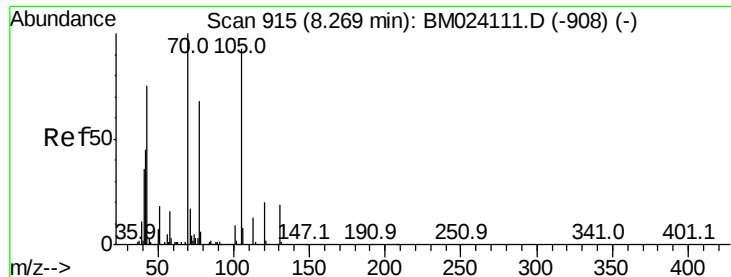


Abundance Ion 117.00 (116.70 to 117.70): E

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: 84.938 ng

RT: 8.27 min Scan# 916

Delta R.T. 0.01 min

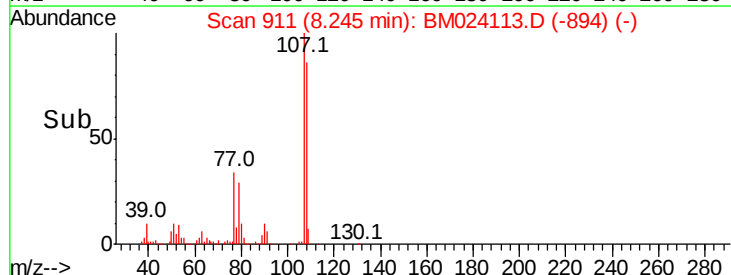
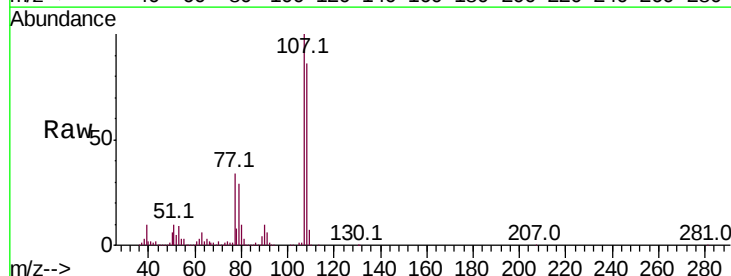
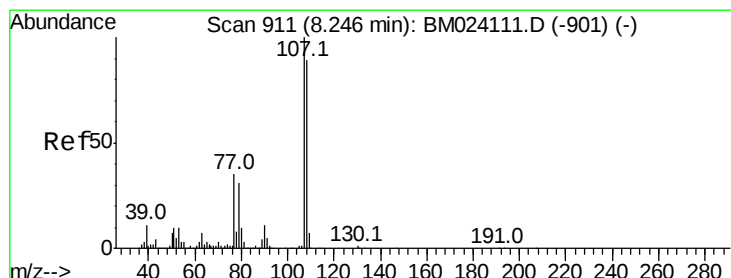
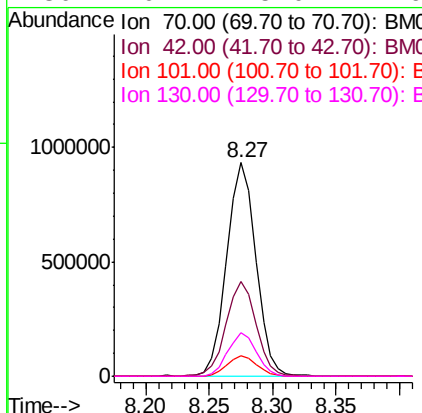
Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 1484076

Ion	Ratio	Lower	Upper
70	100		
42	44.2	36.3	54.5
101	9.4	7.5	11.3
130	20.4	15.0	22.6



#20

3+4-Methylphenols

Concen: 75.268 ng

RT: 8.25 min Scan# 911

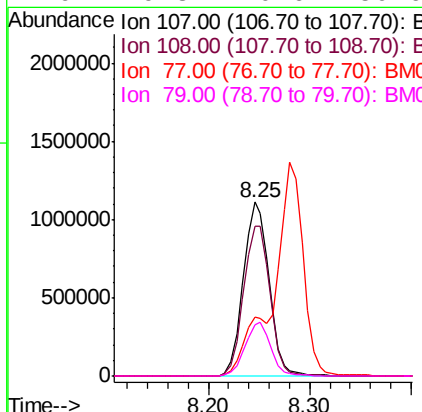
Delta R.T. -0.00 min

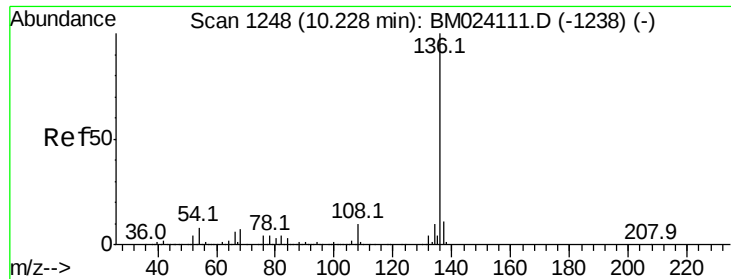
Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion: 107 Resp: 1954717

Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.9	108.9
77	33.8	15.1	55.1
79	29.3	10.6	50.6

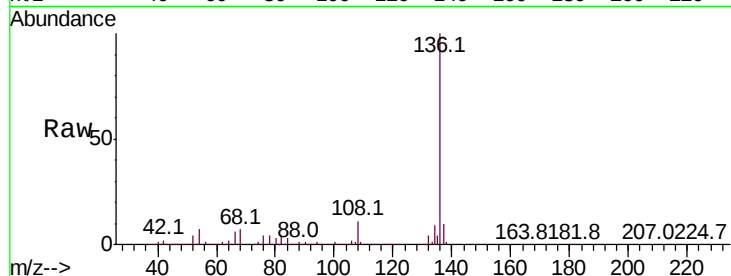




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	1660923
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	7.4	6.0	9.0
68	7.0	5.8	8.6



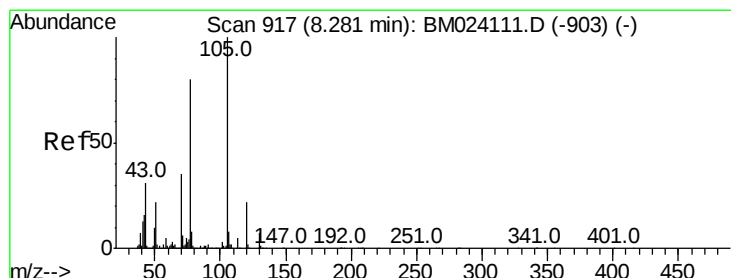
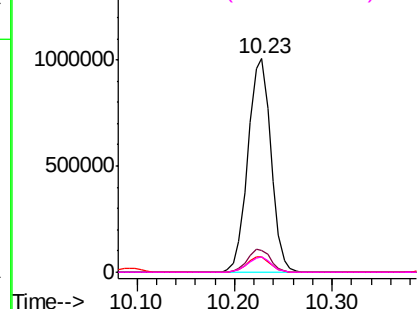
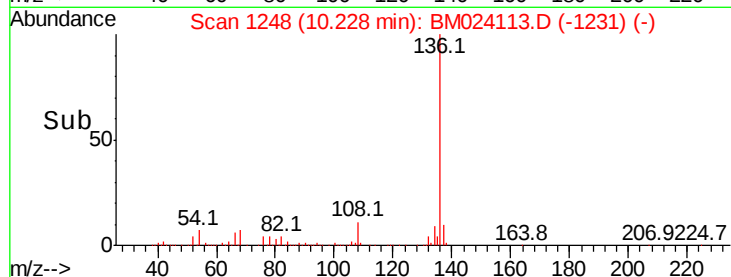
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

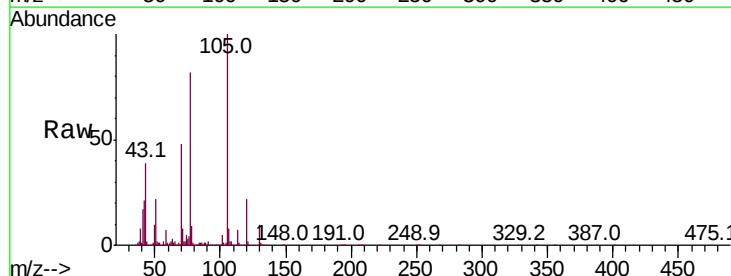
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 65.850 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:	105	Resp:	2699731
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.6	6.8#
51	22.0	17.4	26.2
120	22.3	17.6	26.4



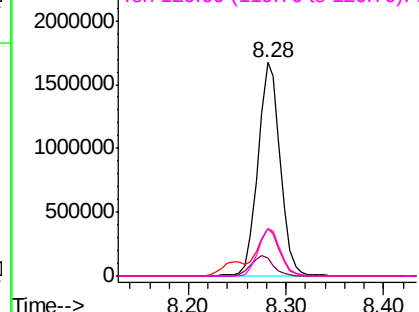
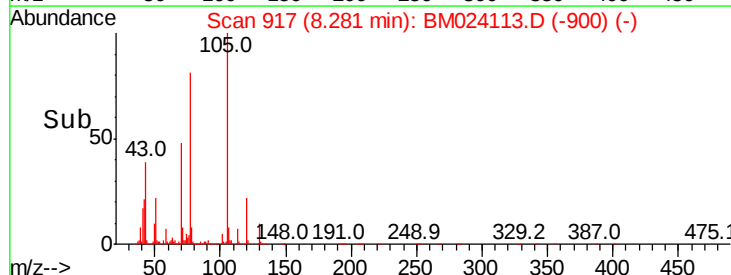
Abundance

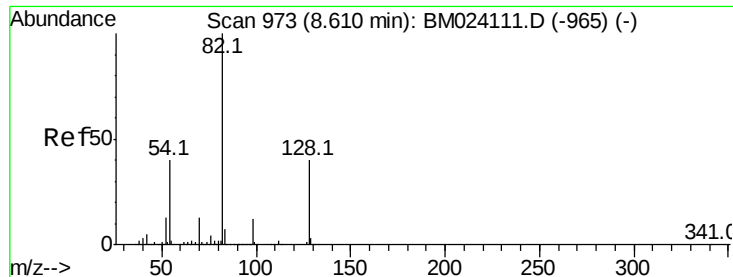
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

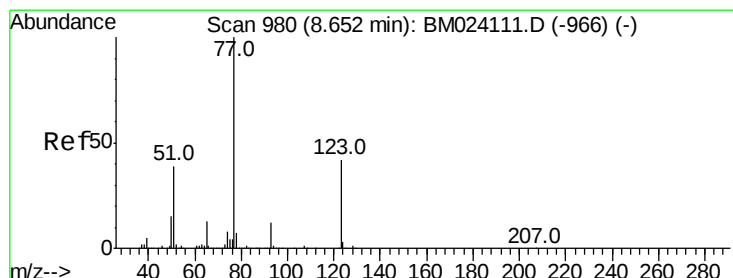
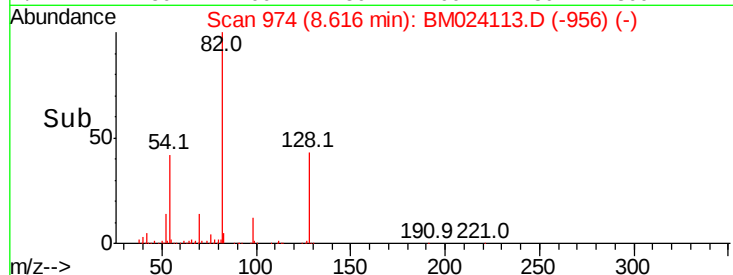
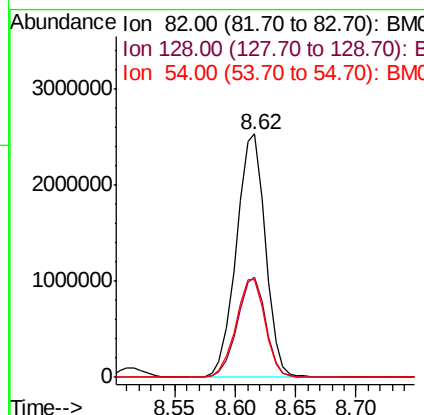
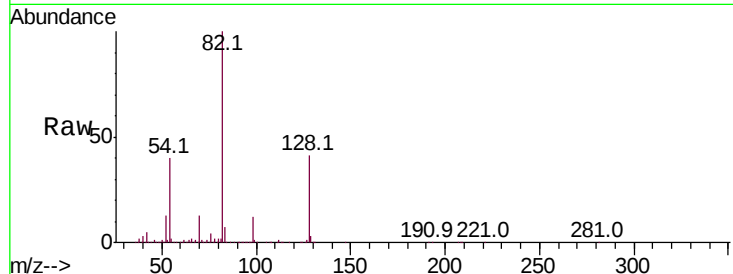




#23
 Nitrobenzene-d5
 Concen: 142.326 ng
 RT: 8.62 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

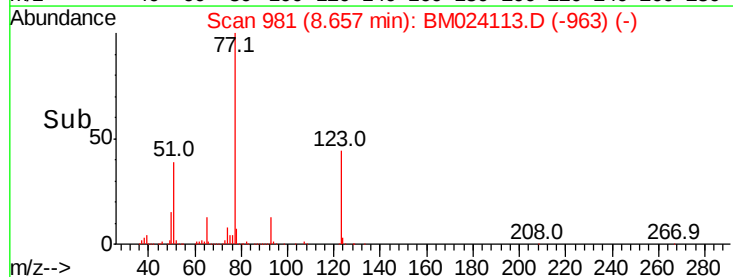
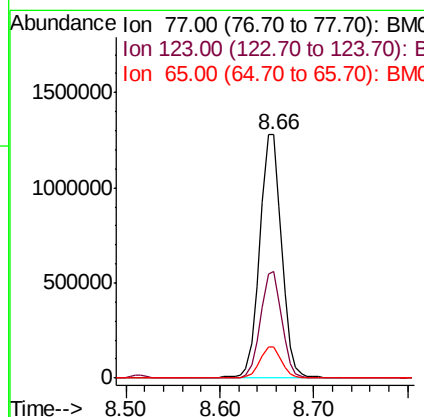
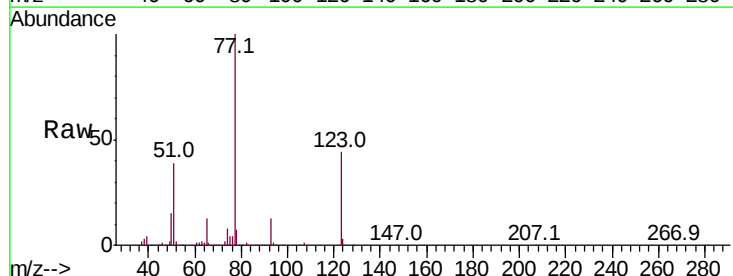
Instrument :
 BNA_M
 ClientSampleId :

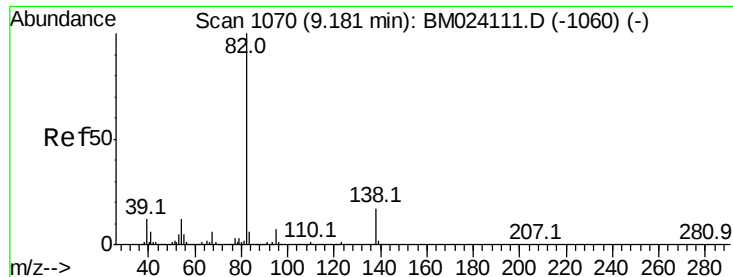
Tot Ion: 82 Resp: 4258553
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.8
 54 40.2 32.2 48.2



#24
 Nitrobenzene
 Concen: 72.225 ng
 RT: 8.66 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion: 77 Resp: 2067661
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.8 50.6
 65 12.7 10.3 15.5





#25

Isophorone

Concen: 78.099 ng

RT: 9.18 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

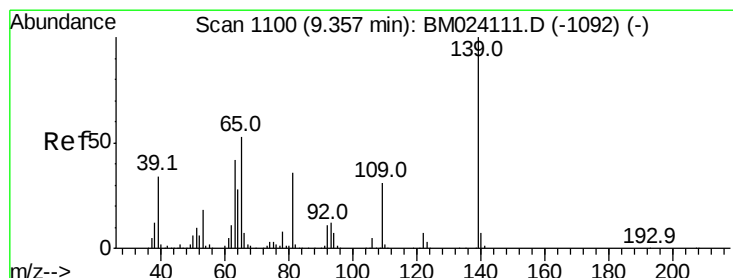
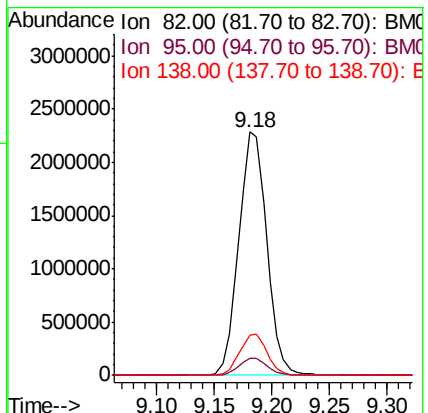
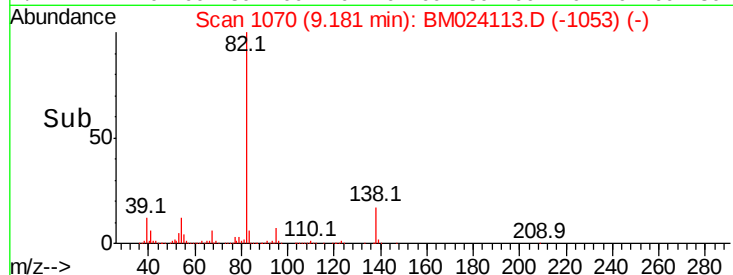
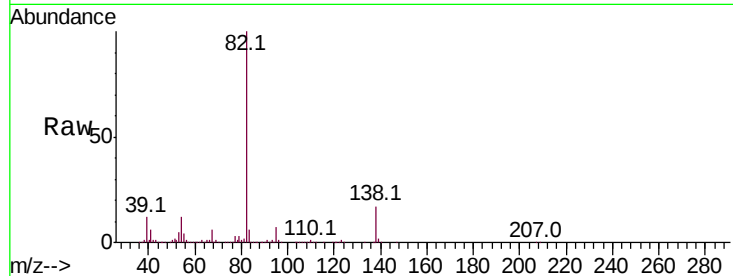
Tot Ion: 82 Resp: 3842303

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 16.6 13.3 19.9



#26

2-Nitrophenol

Concen: 76.425 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

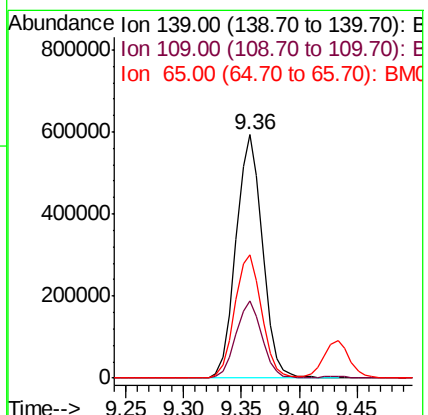
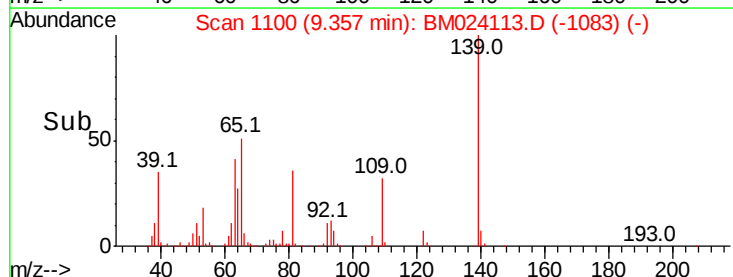
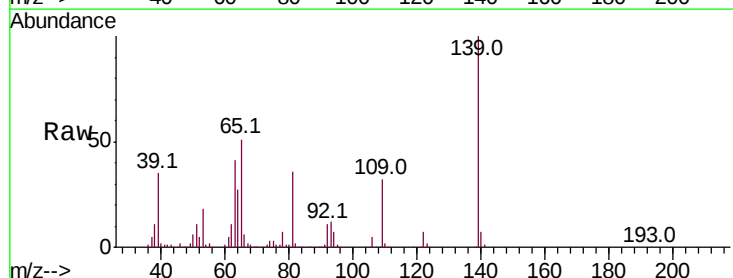
Tgt Ion:139 Resp: 944518

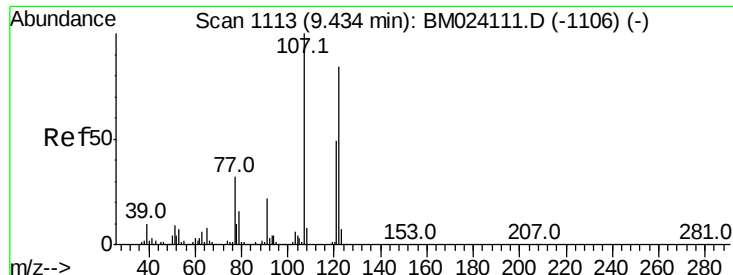
Ion Ratio Lower Upper

139 100

109 31.6 24.5 36.7

65 50.8 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 64.230 ng

RT: 9.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampled :

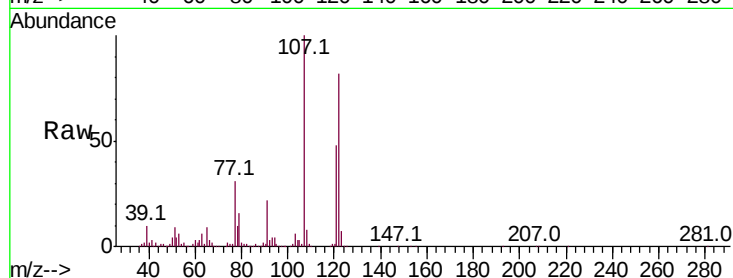
Tot Ion:122 Resp: 1328907

Ion Ratio Lower Upper

122 100

107 121.8 95.8 143.6

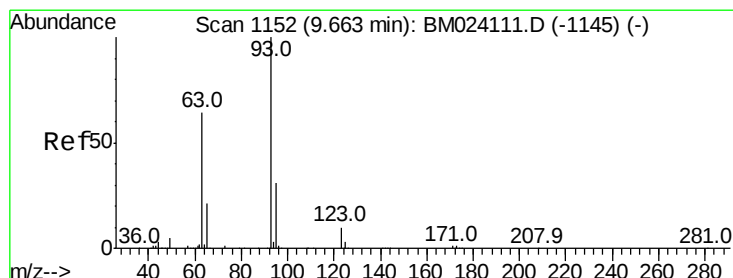
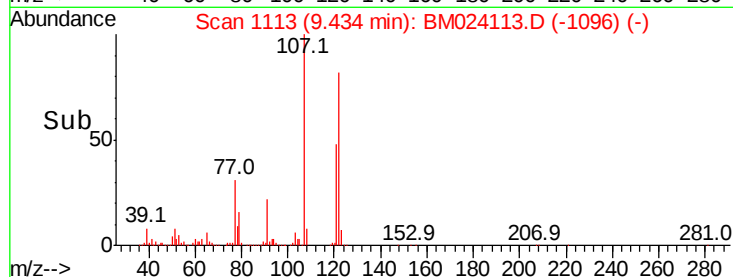
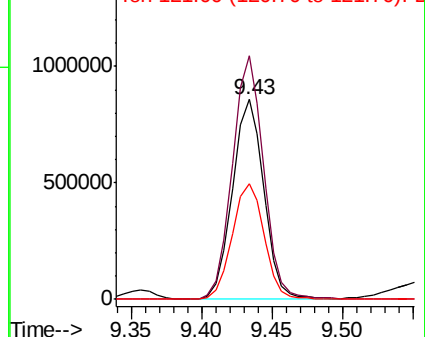
121 58.0 47.0 70.4



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: 71.240 ng

RT: 9.66 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

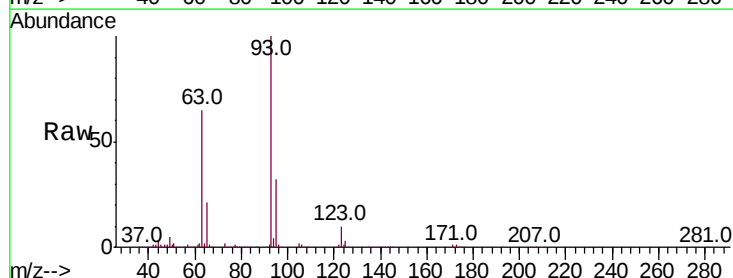
Tgt Ion: 93 Resp: 2425307

Ion Ratio Lower Upper

93 100

95 32.2 25.1 37.7

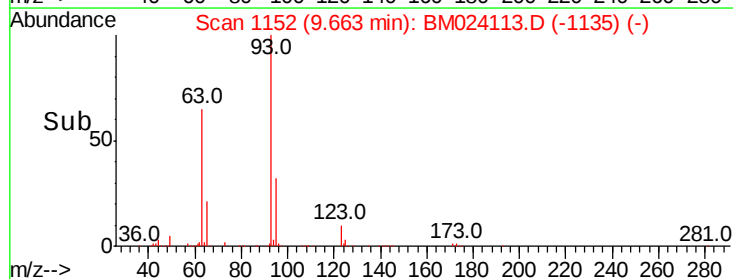
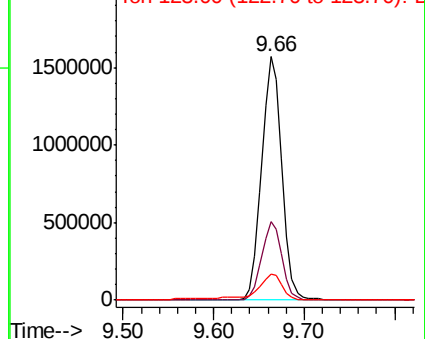
123 10.5 8.5 12.7

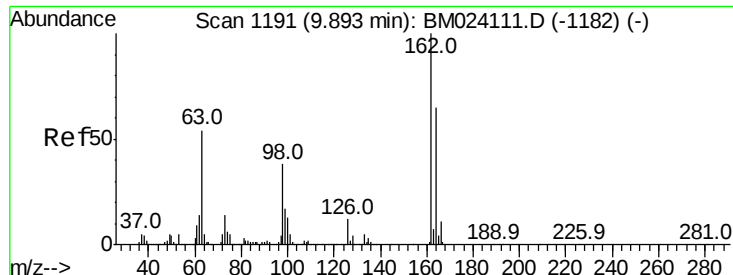


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

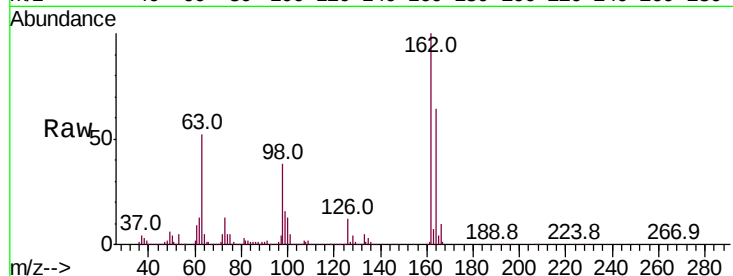




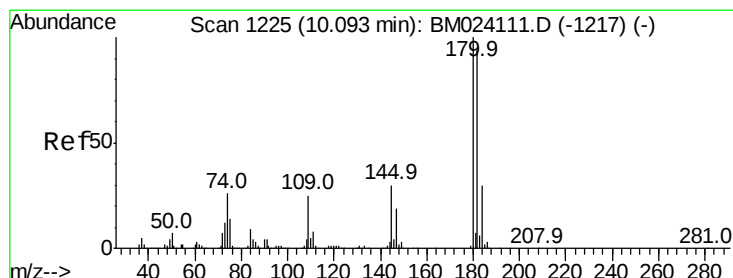
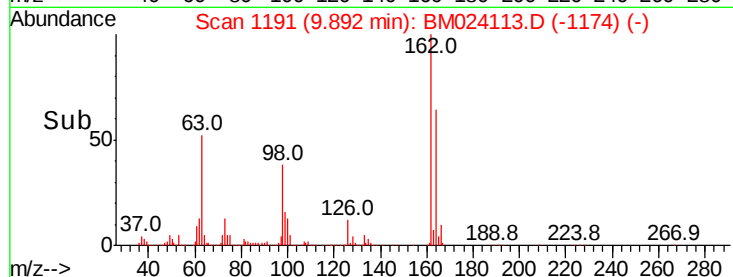
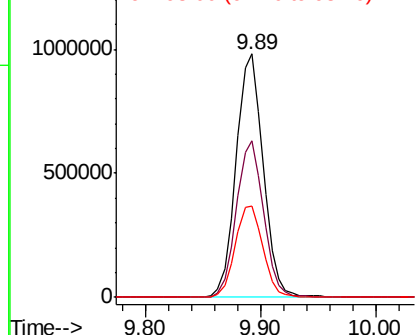
#29
2,4-Dichlorophenol
Concen: 68.310 ng
RT: 9.89 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1597904
Ion Ratio Lower Upper
162 100
164 64.3 45.1 85.1
98 37.7 18.2 58.2

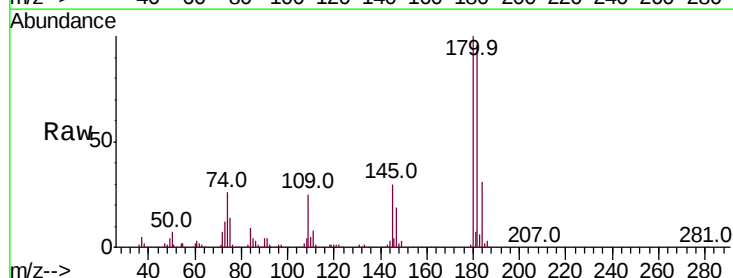


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

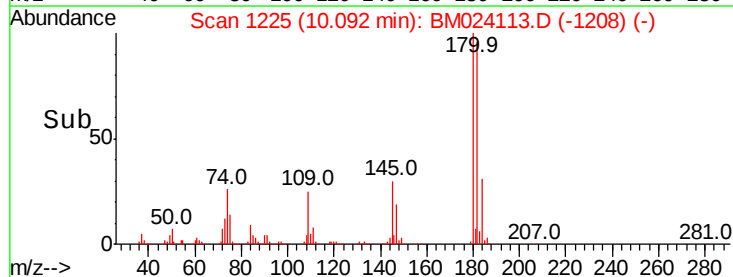
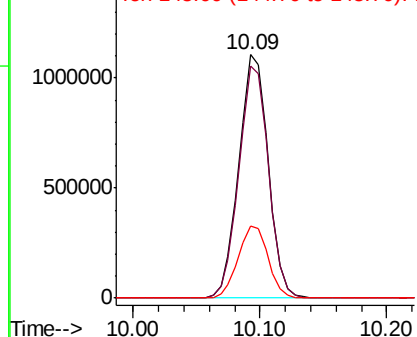


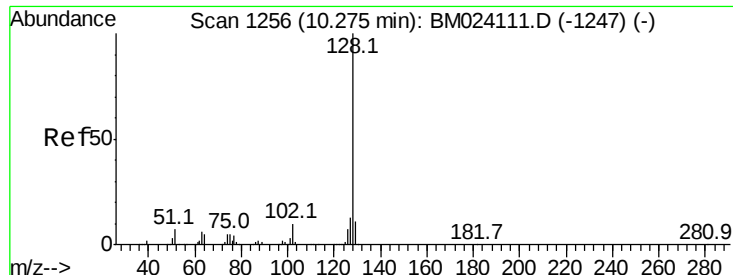
#30
1,2,4-Trichlorobenzene
Concen: 61.685 ng
RT: 10.09 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:180 Resp: 1775285
Ion Ratio Lower Upper
180 100
182 95.5 75.5 113.3
145 29.5 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

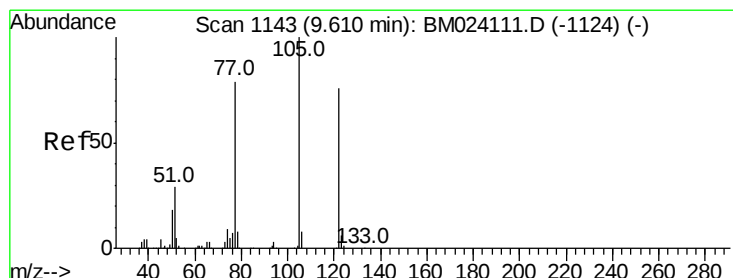
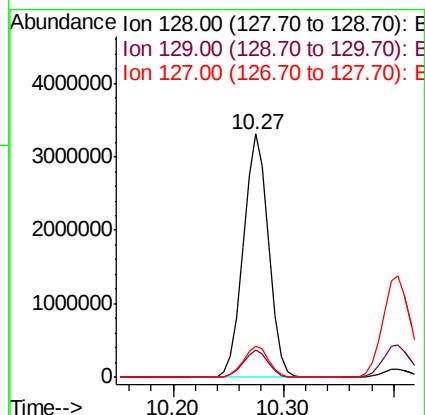
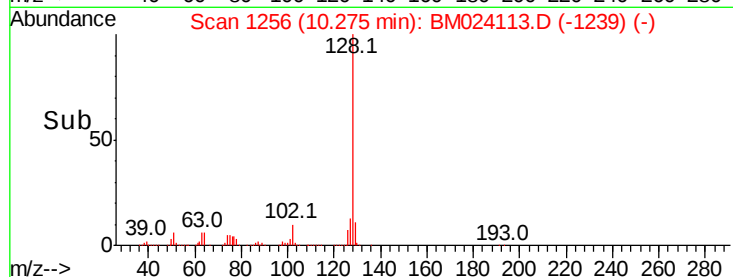
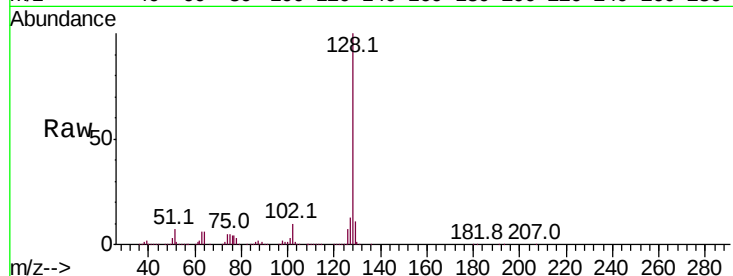




#31
Naphthalene
Concen: 64.431 ng
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

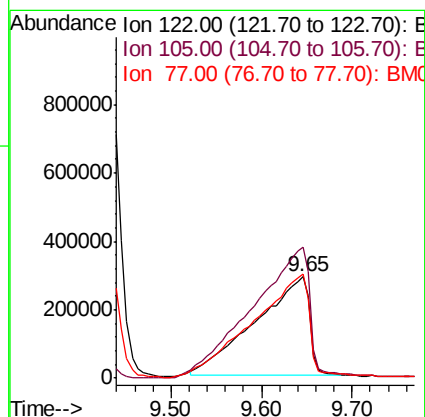
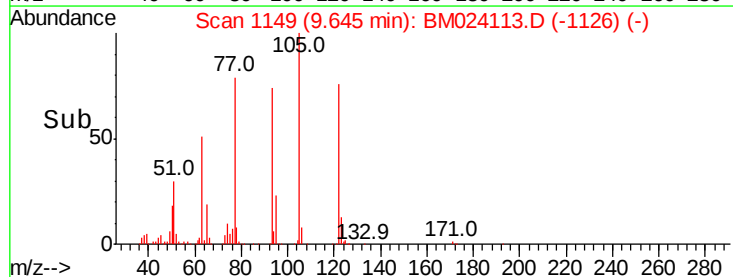
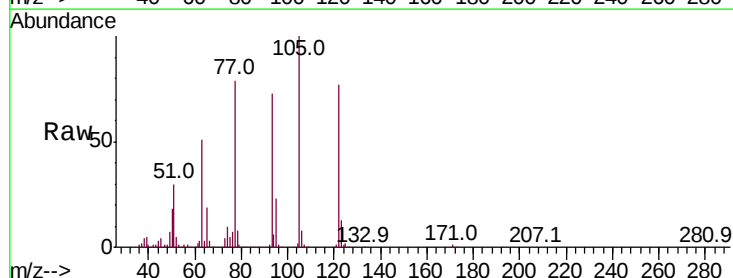
Instrument :
BNA_M
ClientSampleId :

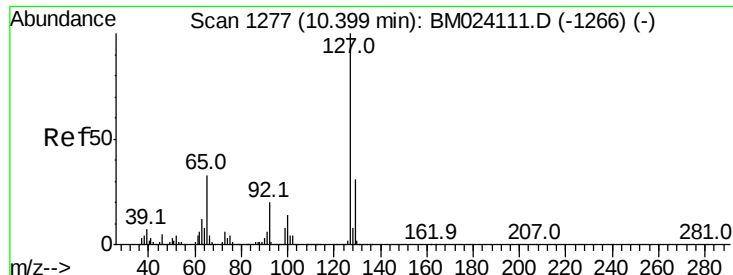
Tot Ion:128 Resp: 5287620
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 88.418 ng
RT: 9.65 min Scan# 1149
Delta R.T. 0.04 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:122 Resp: 1177404
Ion Ratio Lower Upper
122 100
105 129.4 110.4 150.4
77 102.4 83.0 123.0

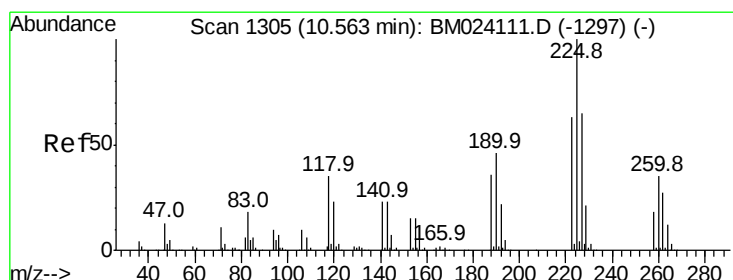
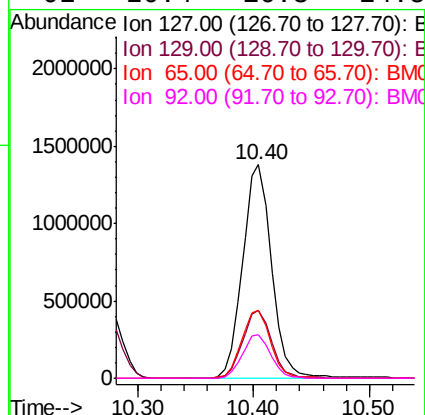
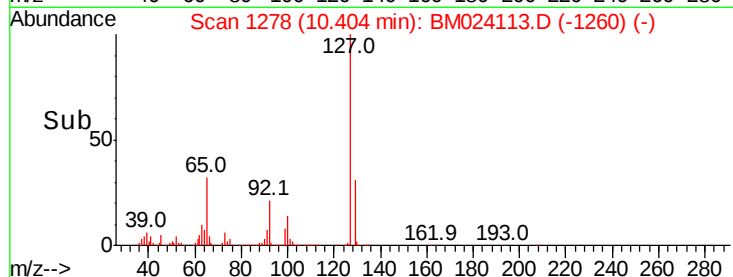
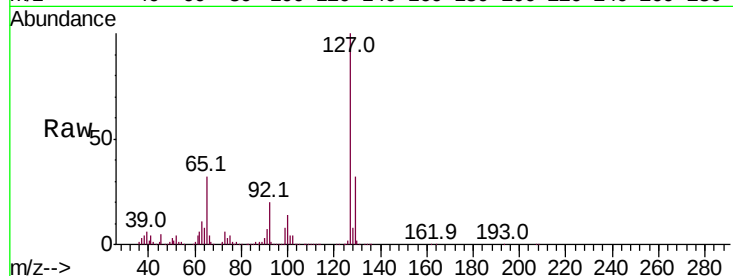




#33
4-Chloroaniline
Concen: 67.165 ng
RT: 10.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

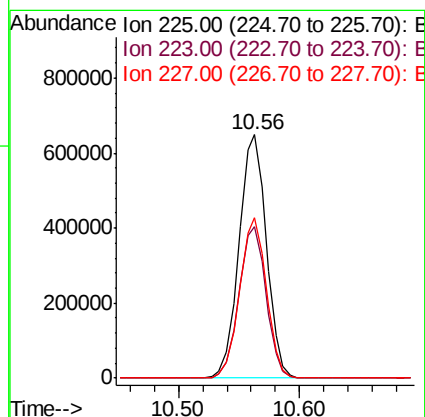
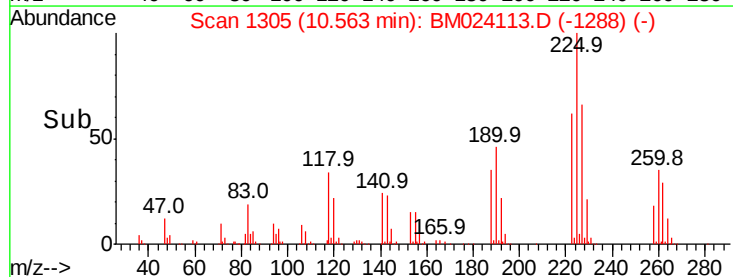
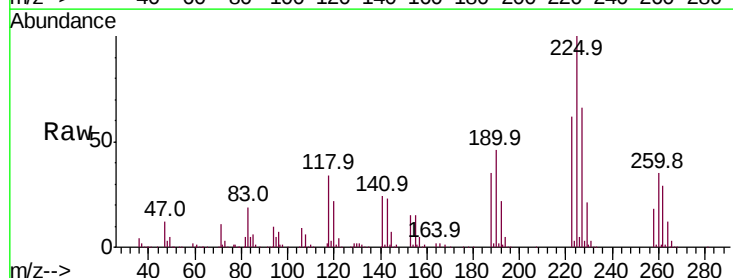
Instrument :
BNA_M
ClientSampleId :

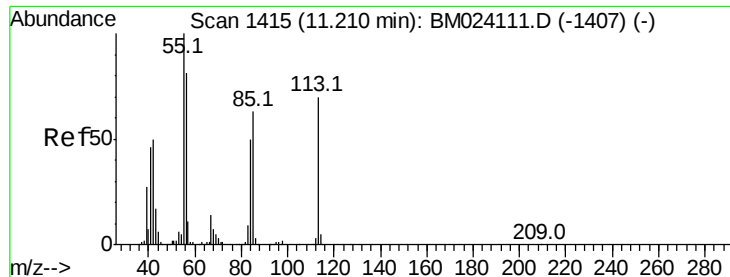
Tot Ion:	127	Resp:	2393231
Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.9	37.3
65	31.5	26.2	39.4
92	20.4	16.3	24.5



#34
Hexachlorobutadiene
Concen: 59.743 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:	225	Resp:	1024945
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	75.8
227	65.9	52.2	78.4

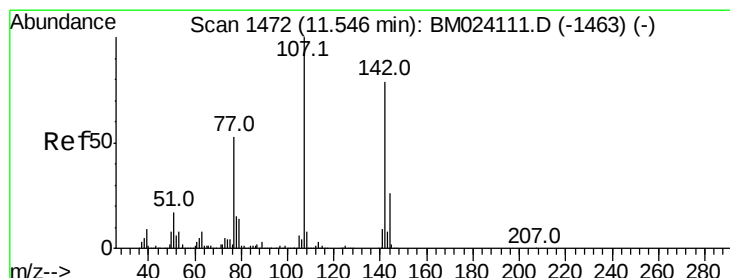
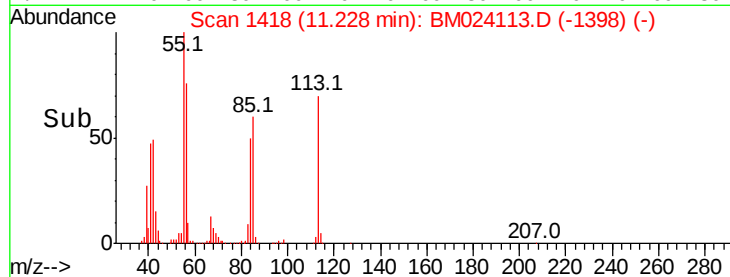
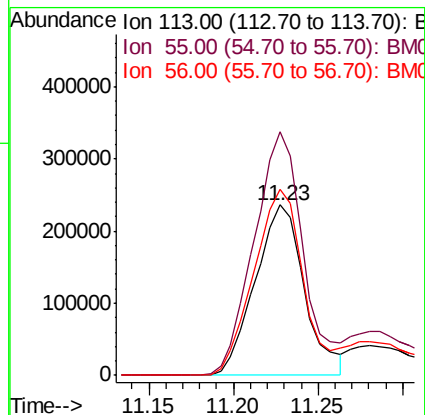
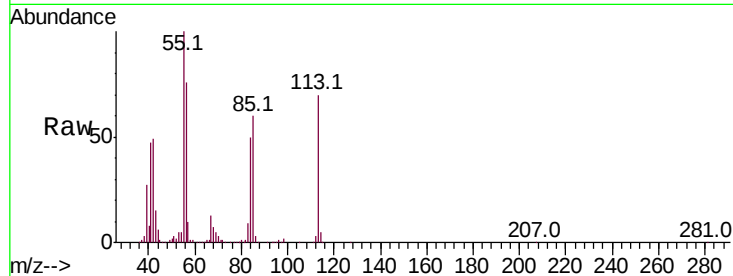




#35
 Caprolactam
 Concen: 68.912 ng
 RT: 11.23 min Scan# 1418
 Delta R.T. 0.02 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

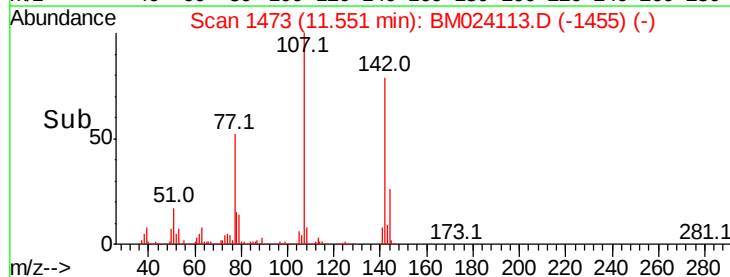
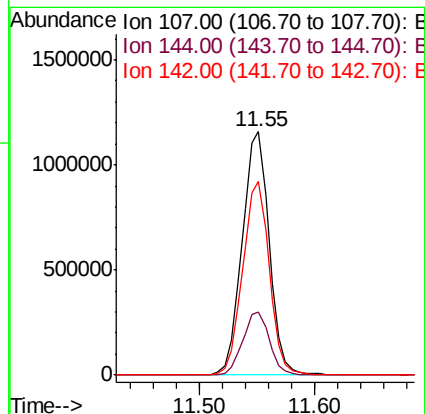
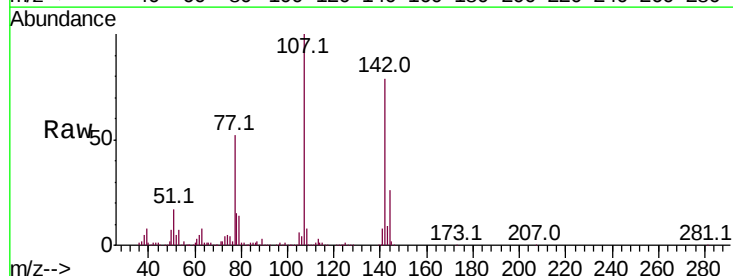
Instrument :
 BNA_M
 ClientSampleId :

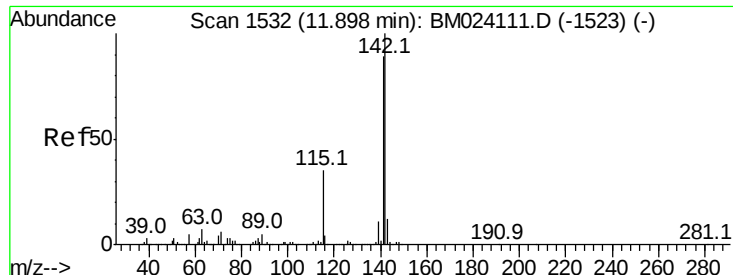
Tot Ion:113 Resp: 477893
 Ion Ratio Lower Upper
 113 100
 55 142.8 122.4 162.4
 56 109.0 95.5 135.5



#36
 4-Chloro-3-methylphenol
 Concen: 82.429 ng
 RT: 11.55 min Scan# 1473
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion:107 Resp: 1881214
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 79.4 63.6 95.4





#37

2-Methylnaphthalene

Concen: 69.134 ng

RT: 11.90 min Scan# 1533

Delta R.T. 0.01 min

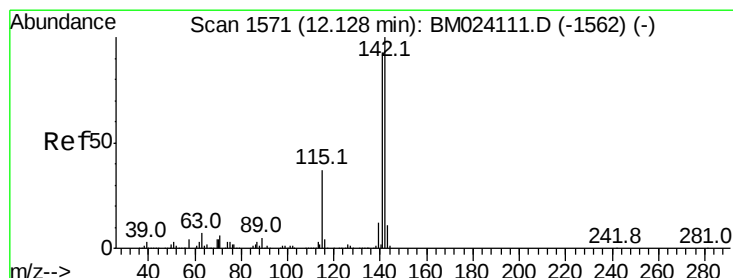
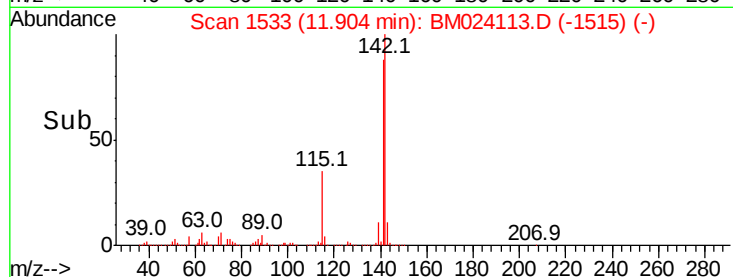
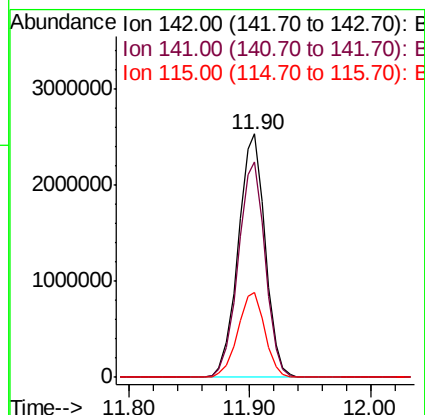
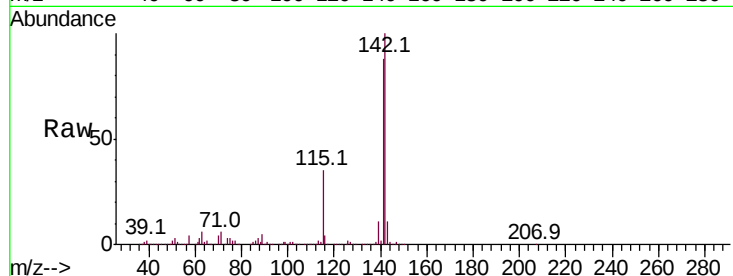
Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 3949253

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	34.9	28.4	42.6



#38

1-Methylnaphthalene

Concen: 69.304 ng

RT: 12.13 min Scan# 1571

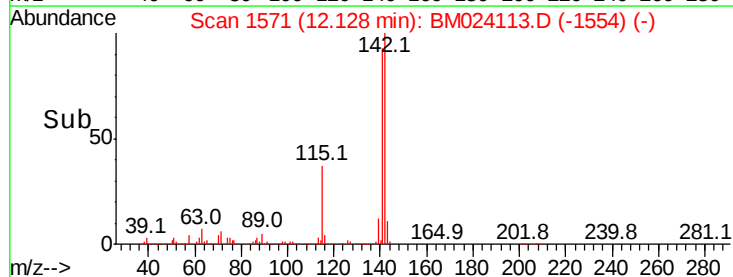
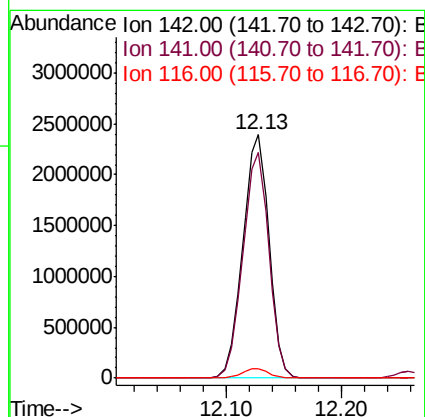
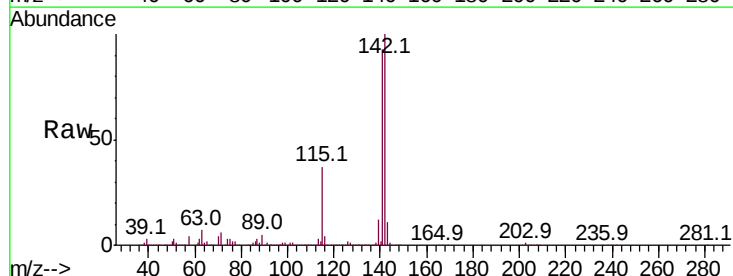
Delta R.T. -0.00 min

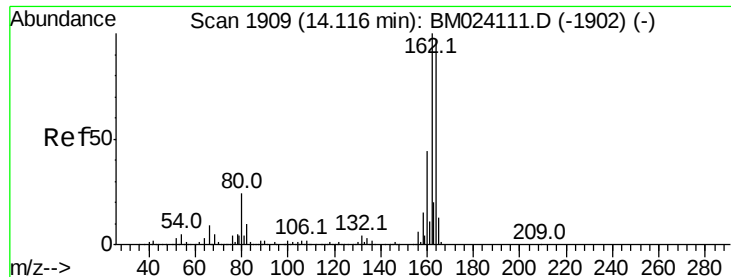
Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion:142 Resp: 3757978

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.5	111.7
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.12 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

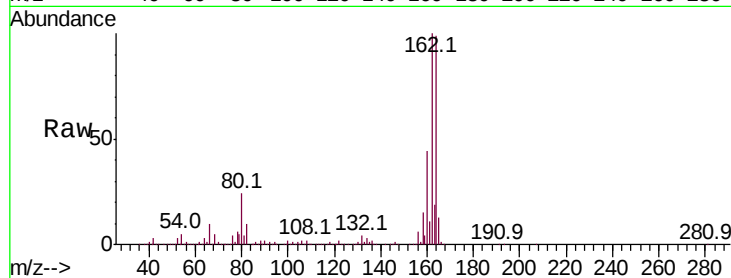
Tot Ion:164 Resp: 1100016

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.4

160 44.8 35.9 53.9

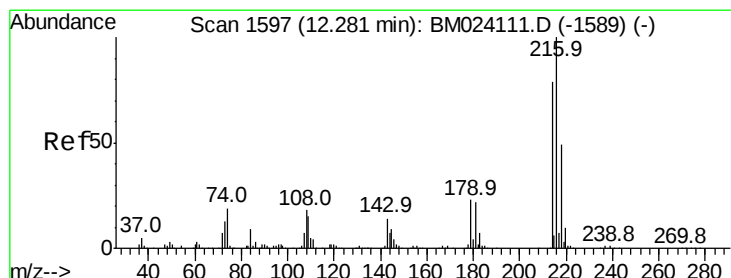
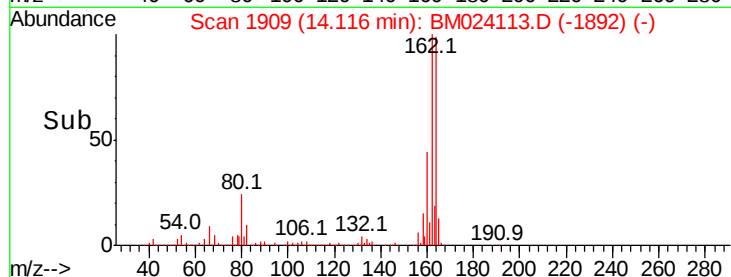
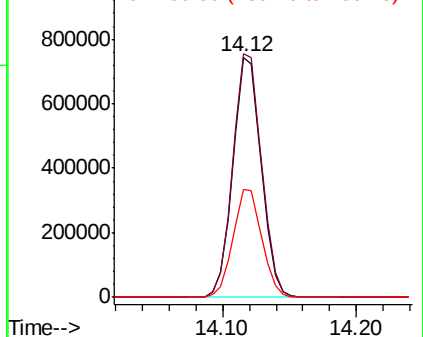


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.106 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion:216 Resp: 1979420

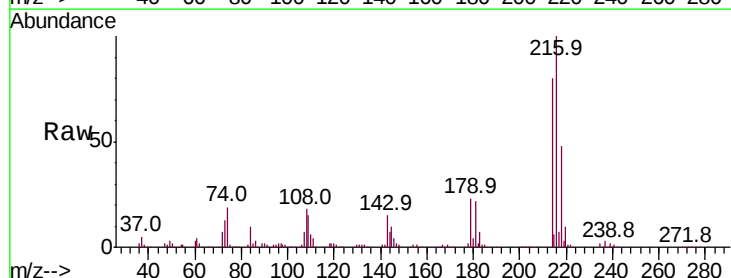
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 22.5 18.0 27.0

108 19.0 15.4 23.0



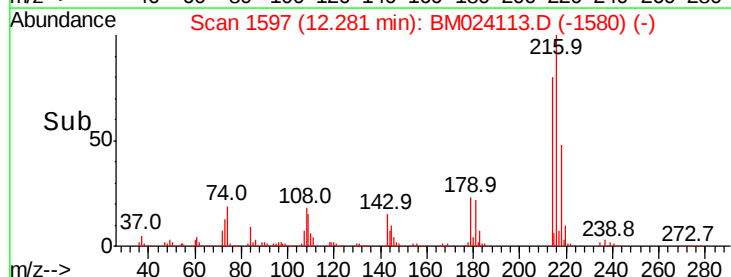
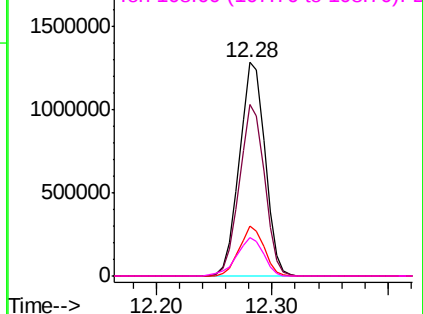
Abundance

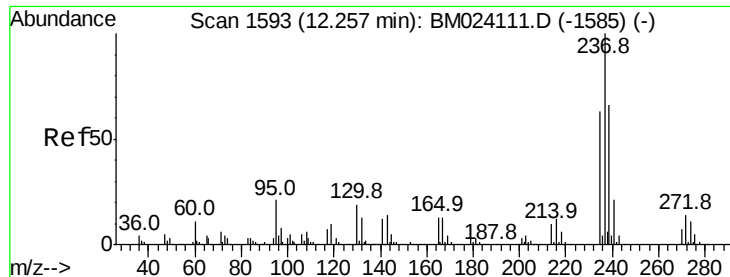
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.494 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

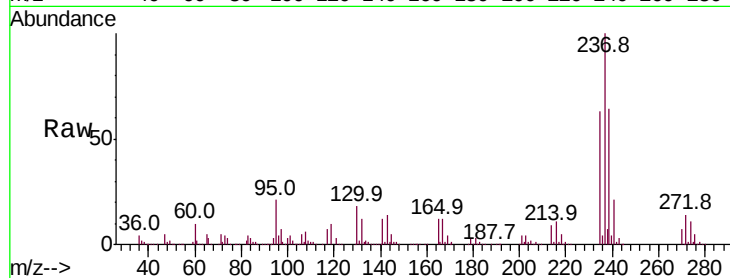
Tot Ion:237 Resp: 782836

Ion Ratio Lower Upper

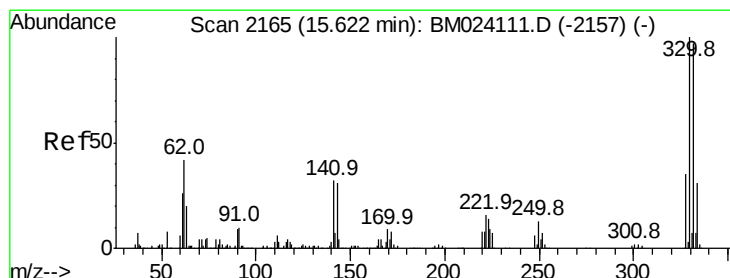
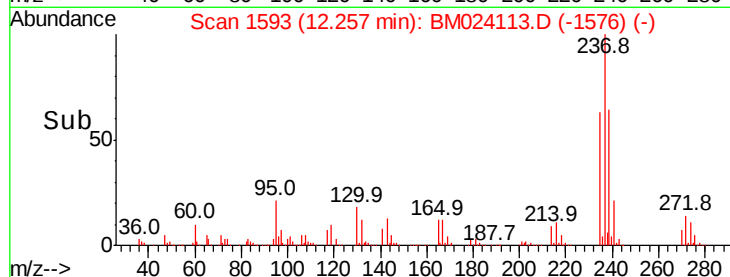
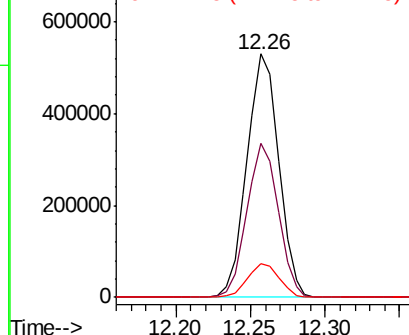
237 100

235 63.4 43.0 83.0

272 13.7 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: 142.633 ng

RT: 15.62 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

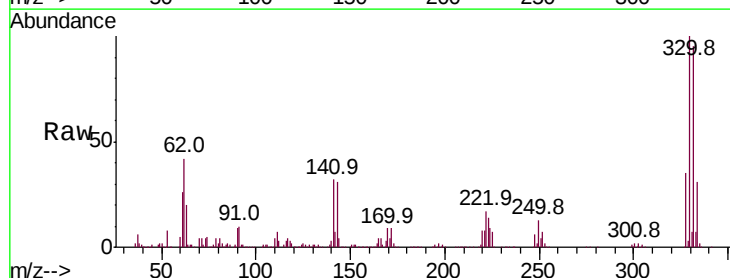
Tgt Ion:330 Resp: 1958624

Ion Ratio Lower Upper

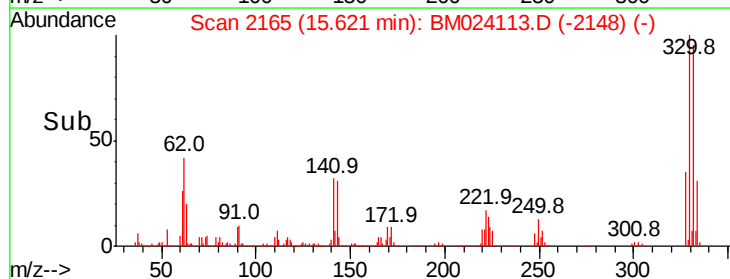
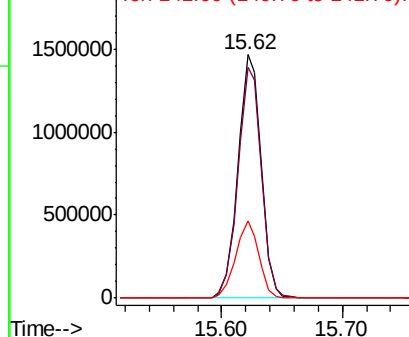
330 100

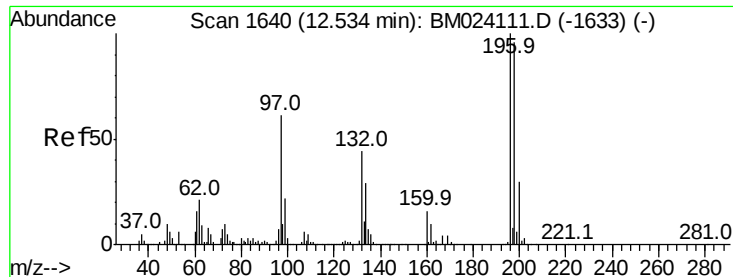
332 95.6 77.3 115.9

141 31.8 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

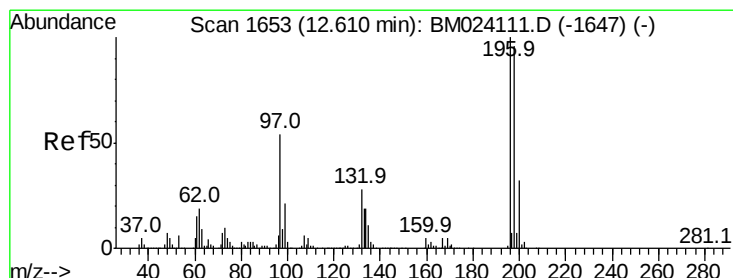
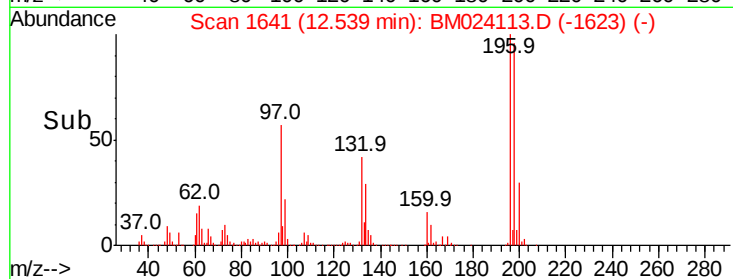
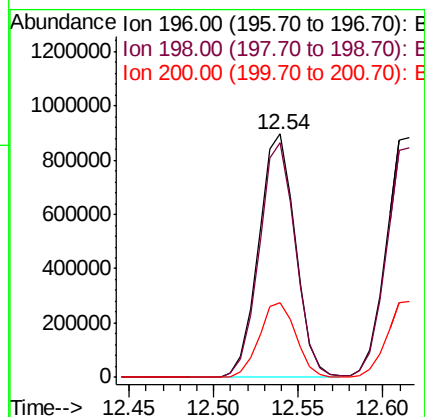
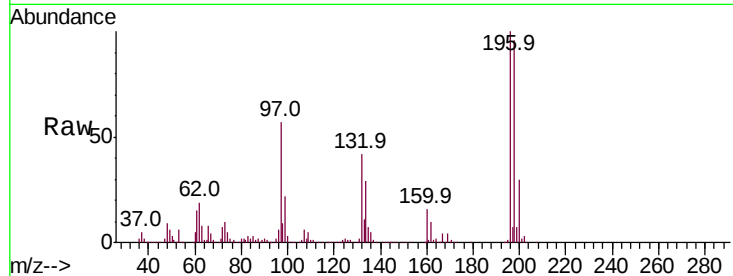




#43
 2,4,6-Trichlorophenol
 Concen: 62.775 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

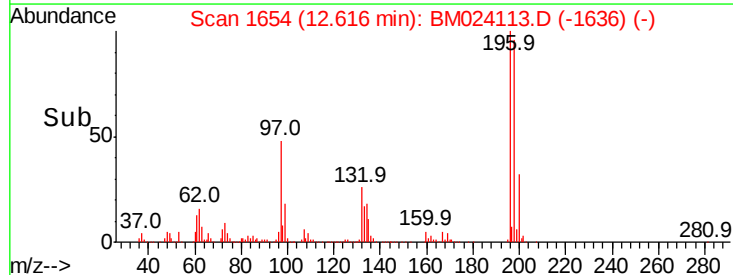
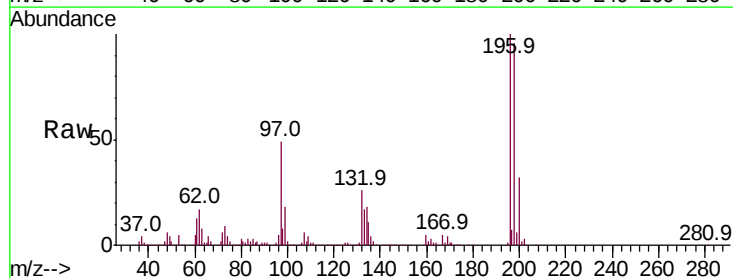
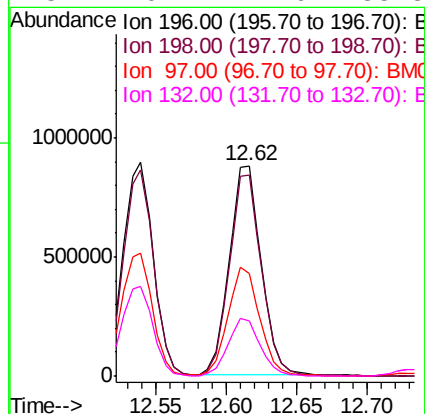
Instrument :
 BNA_M
 ClientSampleId :

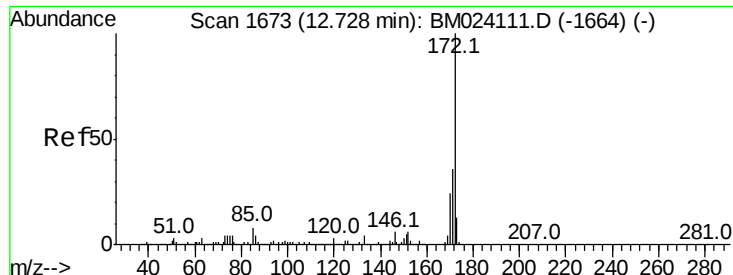
Tot Ion:196 Resp: 1350460
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.1 115.7
 200 30.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 61.775 ng
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion:196 Resp: 1384872
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 114.8
 97 48.6 42.9 64.3
 132 26.1 22.6 33.8

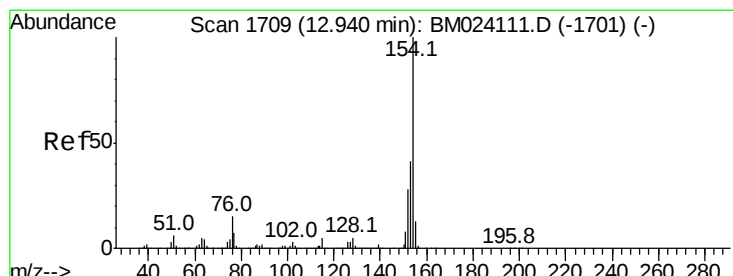
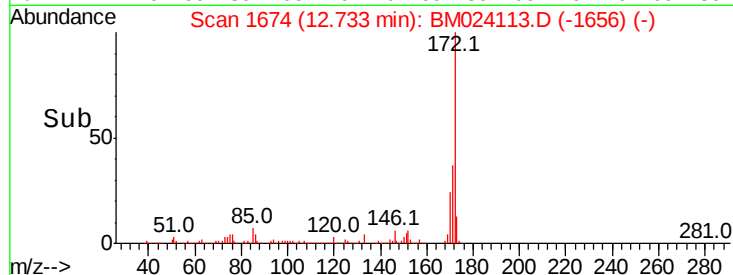
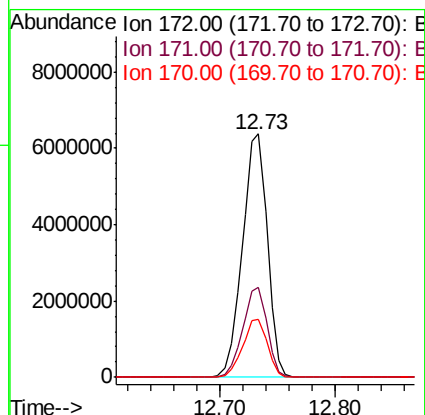
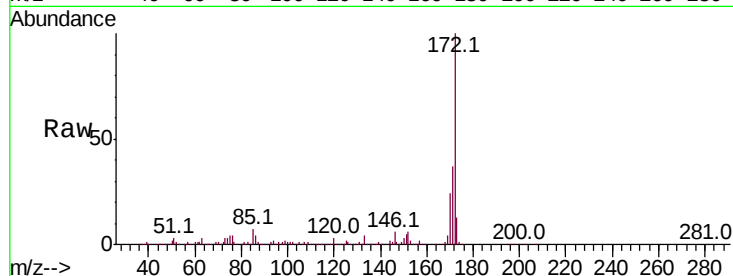




#45
2-Fluorobiphenyl
Concen: 119.108 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

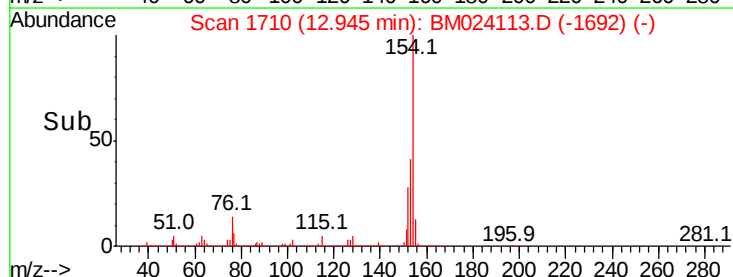
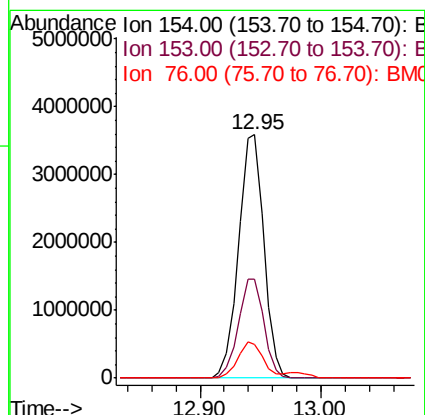
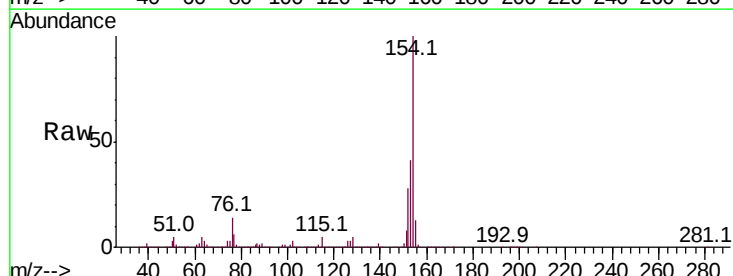
Instrument :
BNA_M
ClientSampleId :

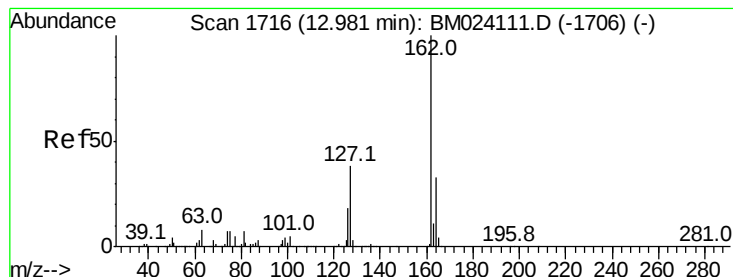
Tot Ion:172 Resp: 9514666
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 57.740 ng
RT: 12.95 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:154 Resp: 5256684
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 14.0 0.0 35.1



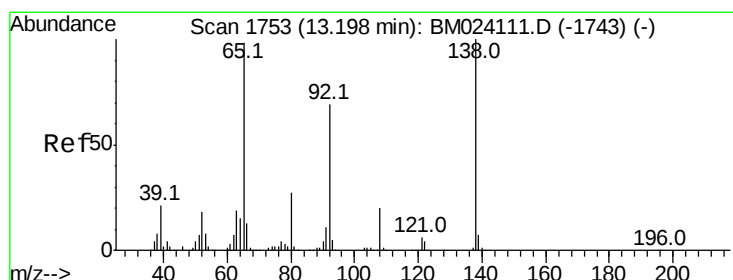
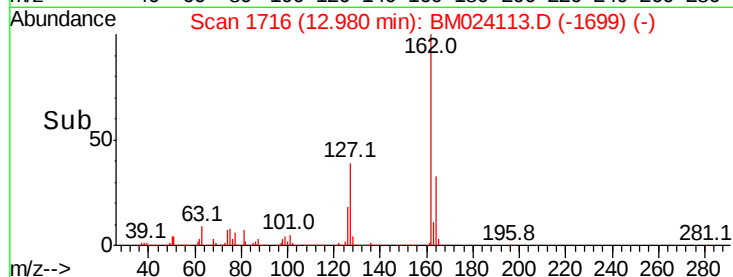
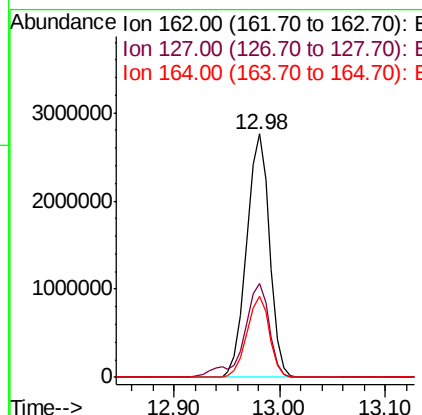
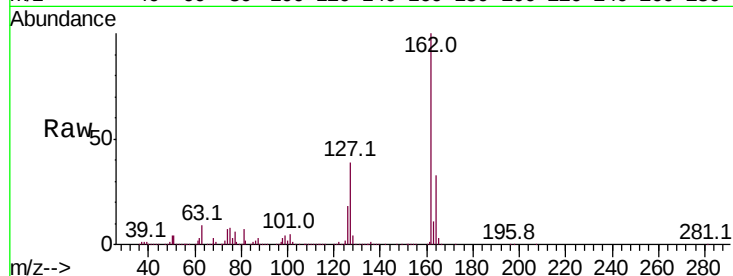


#47
 2-Chloronaphthalene
 Concen: 61.354 ng
 RT: 12.98 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 4163263

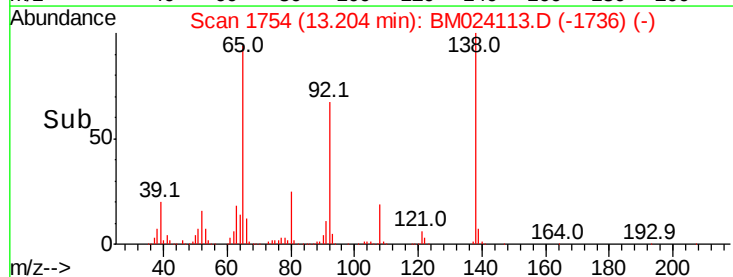
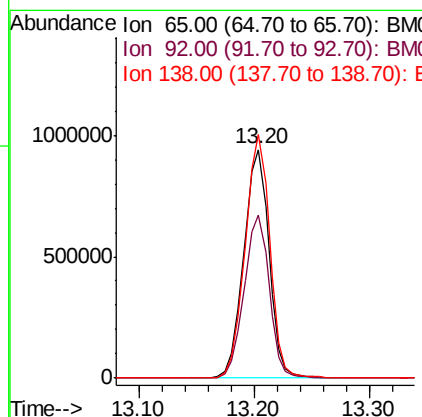
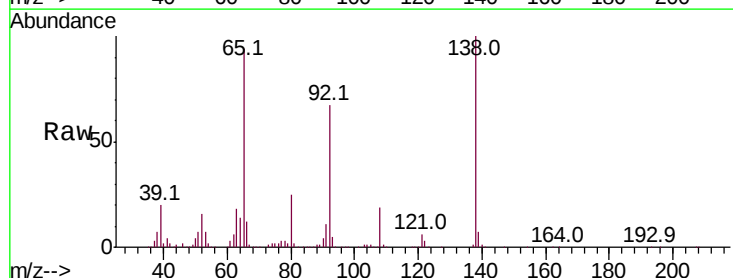
Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	33.3	26.2	39.2

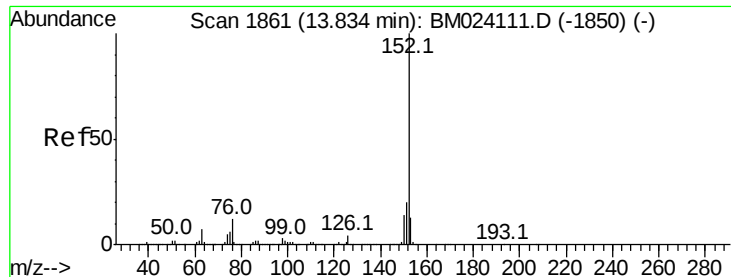


#48
 2-Nitroaniline
 Concen: 81.051 ng
 RT: 13.20 min Scan# 1754
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion: 65 Resp: 1432141

Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.4	84.6
138	106.4	81.9	122.9





#49

Acenaphthylene

Concen: 64.564 ng

RT: 13.84 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampled :

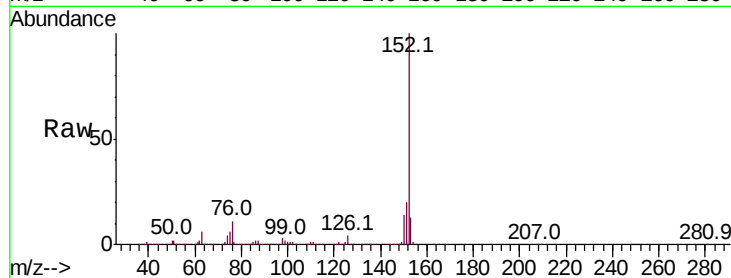
Tot Ion:152 Resp: 6487761

Ion Ratio Lower Upper

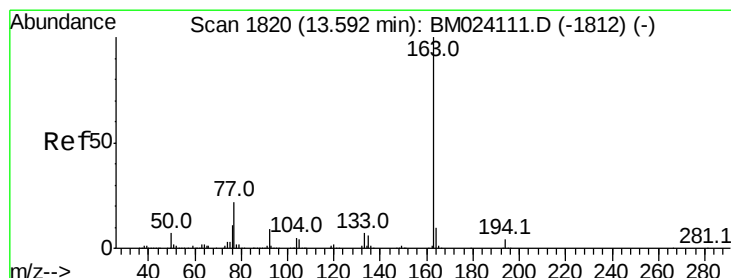
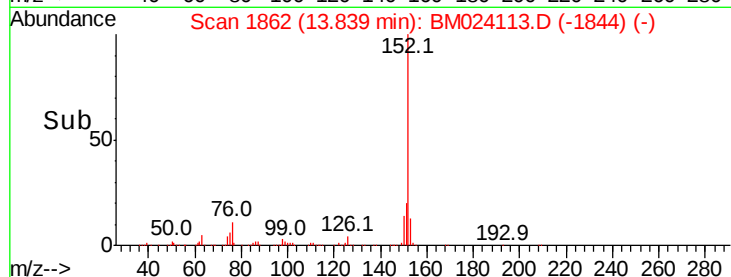
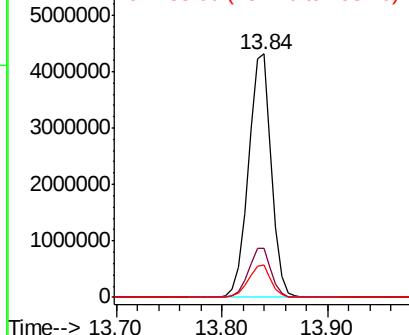
152 100

151 20.1 16.1 24.1

153 13.1 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: 67.846 ng

RT: 13.60 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

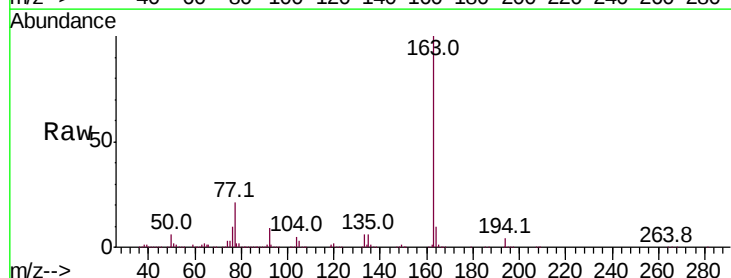
Tgt Ion:163 Resp: 5393437

Ion Ratio Lower Upper

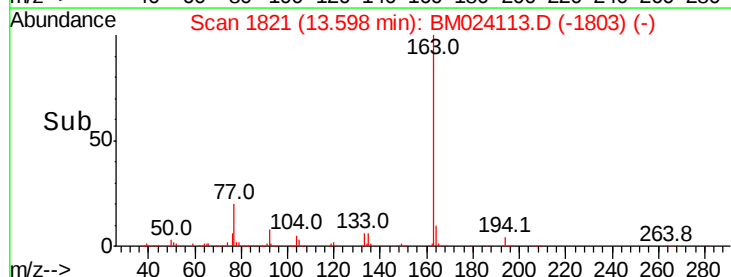
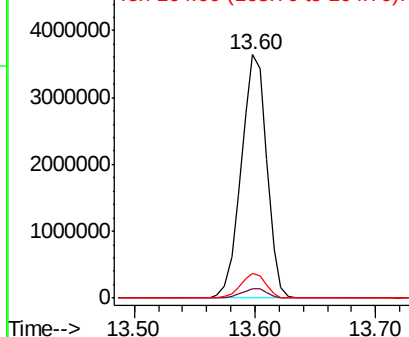
163 100

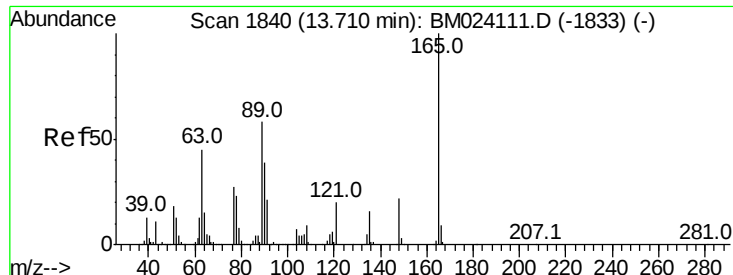
194 4.1 3.3 4.9

164 10.2 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

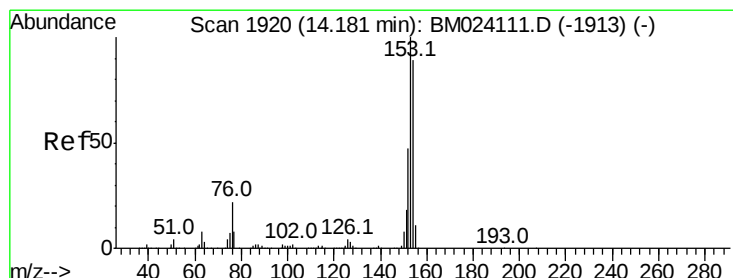
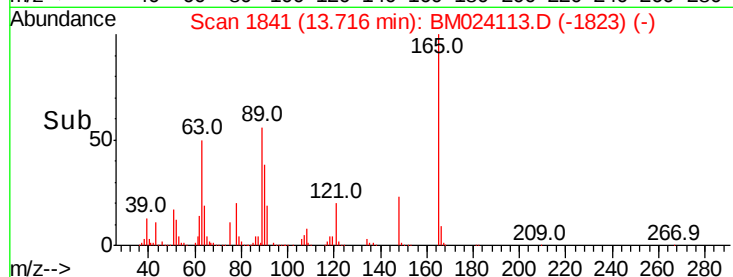
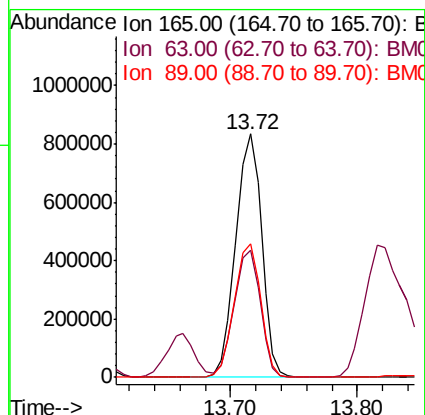
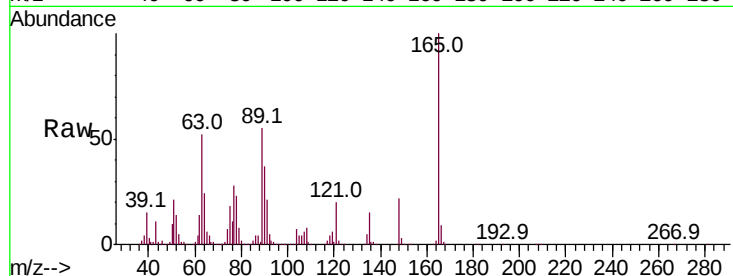




#51
2,6-Dinitrotoluene
Concen: 71.053 ng
RT: 13.72 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

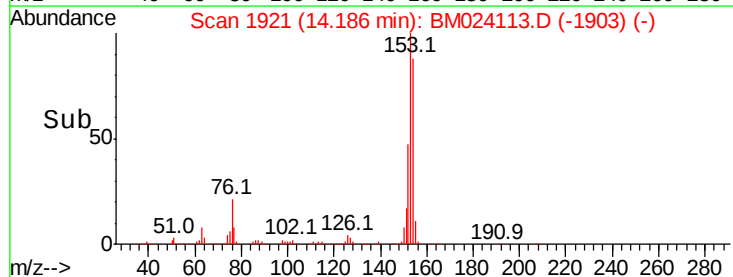
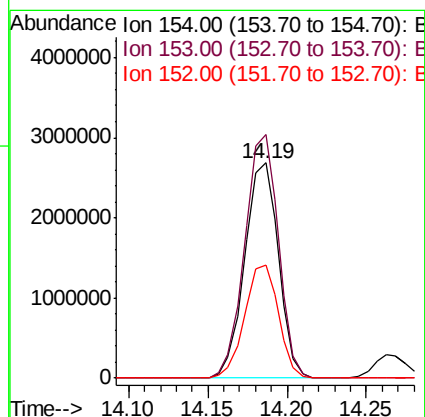
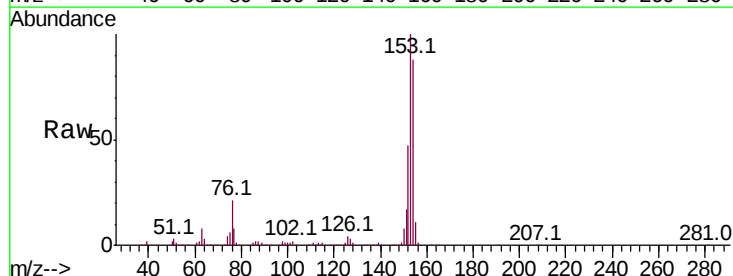
Instrument :
BNA_M
ClientSampleId :

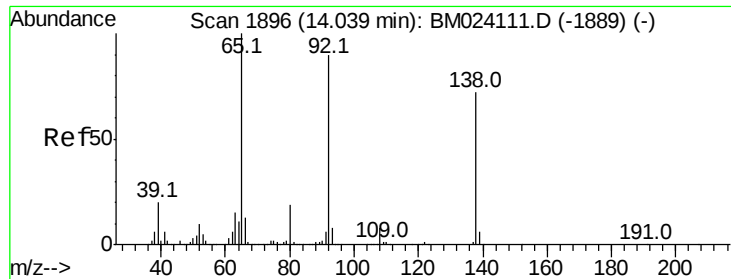
Tot Ion:165 Resp: 1181500
Ion Ratio Lower Upper
165 100
63 52.2 43.0 64.6
89 54.8 46.4 69.6



#52
Acenaphthene
Concen: 60.408 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:154 Resp: 3971235
Ion Ratio Lower Upper
154 100
153 113.3 90.4 135.6
152 52.9 42.3 63.5

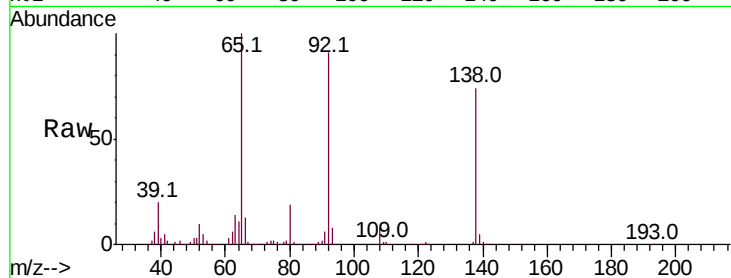




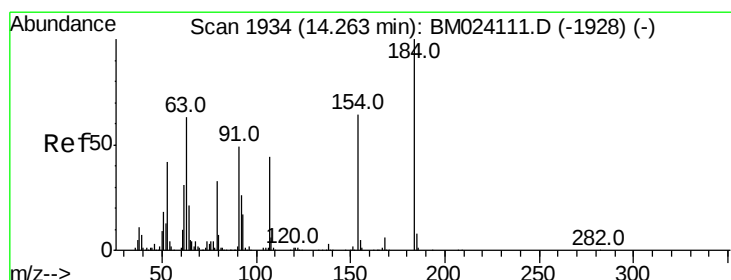
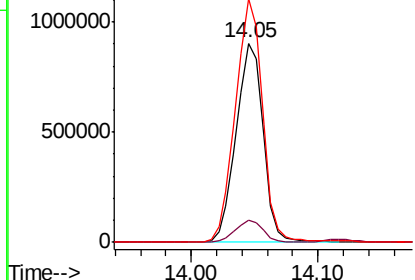
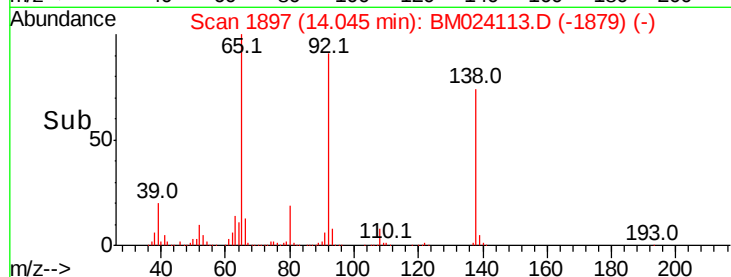
#53
 3-Nitroaniline
 Concen: 70.080 ng
 RT: 14.05 min Scan# 1897
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:138 Resp: 1341538
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.8 13.2
 92 122.3 100.6 150.8

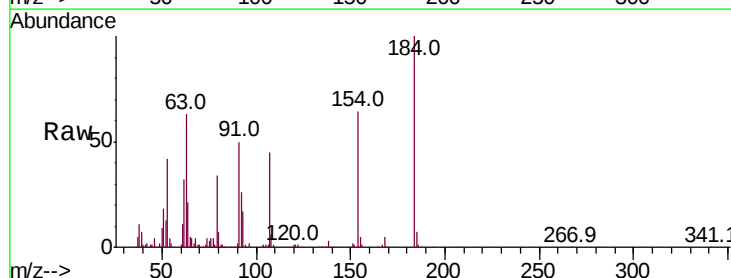


Abundance Ion 138.00 (137.70 to 138.70): E
 1500000
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

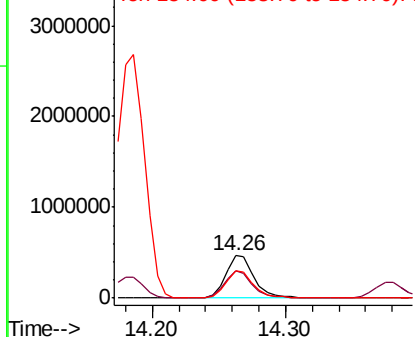
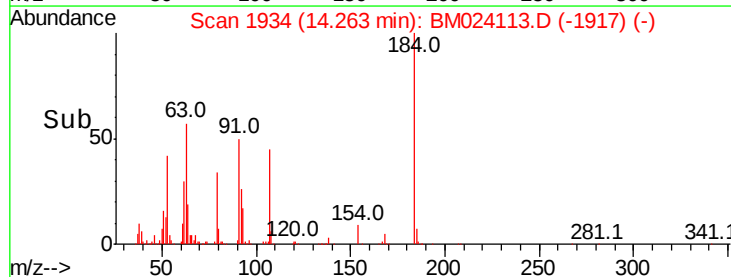


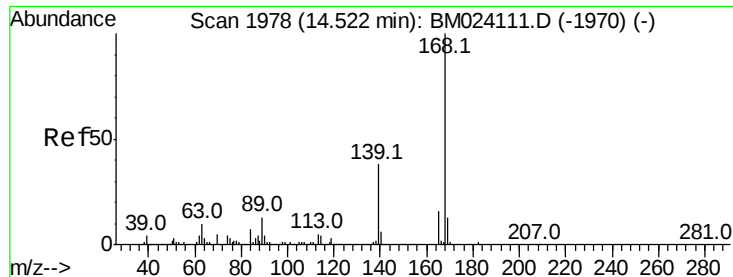
#54
 2,4-Dinitrophenol
 Concen: 89.127 ng
 RT: 14.26 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion:184 Resp: 699756
 Ion Ratio Lower Upper
 184 100
 63 63.4 50.2 75.4
 154 64.3 51.8 77.8



Abundance Ion 184.00 (183.70 to 184.70): E
 3000000
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E

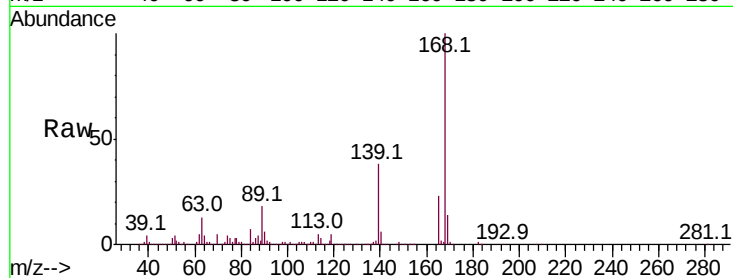




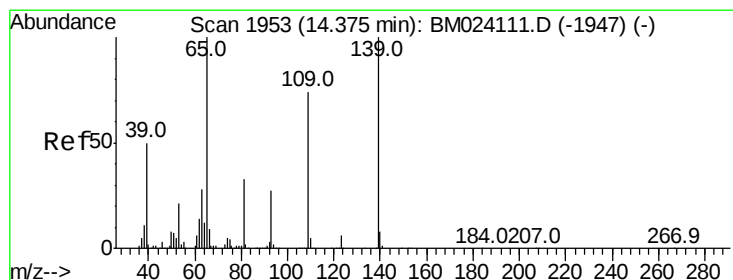
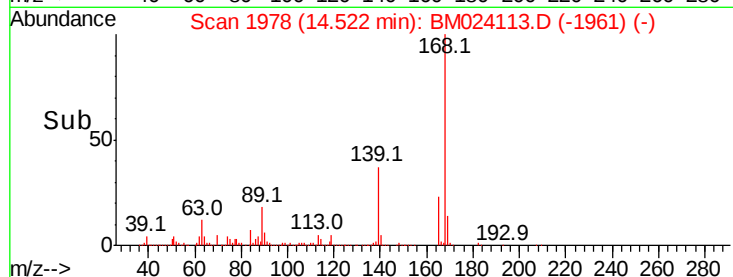
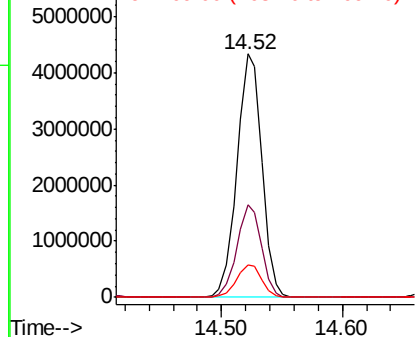
#55
Dibenzofuran
Concen: 64.858 ng
RT: 14.52 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 6224708
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 13.5 10.6 16.0

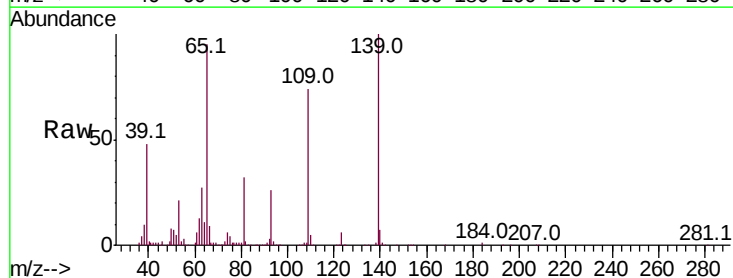


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

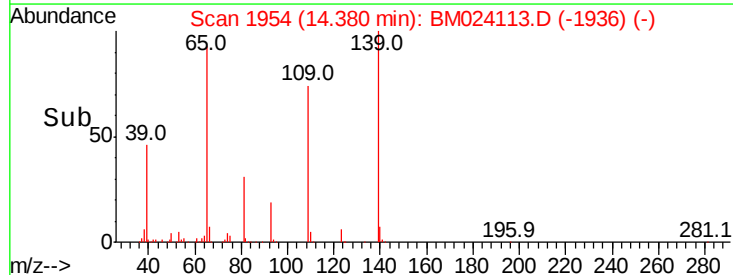
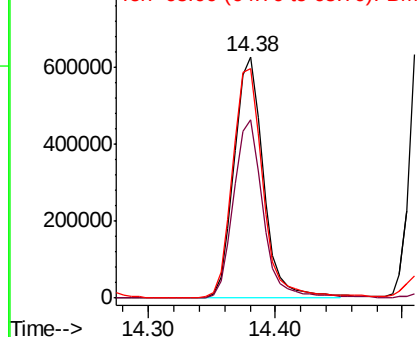


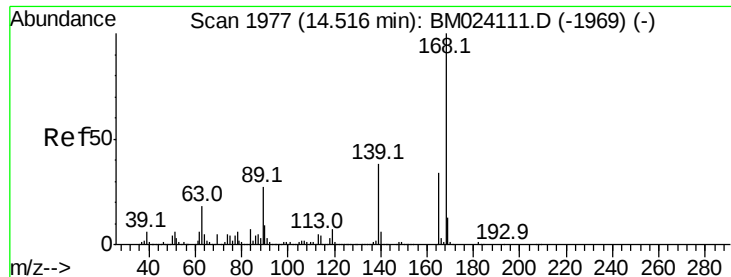
#56
4-Nitrophenol
Concen: 68.134 ng
RT: 14.38 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:139 Resp: 1002509
Ion Ratio Lower Upper
139 100
109 73.9 54.2 94.2
65 95.1 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

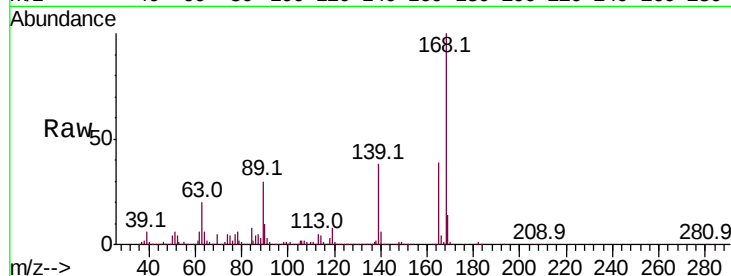




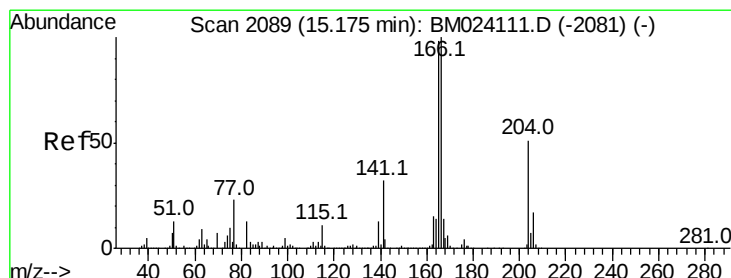
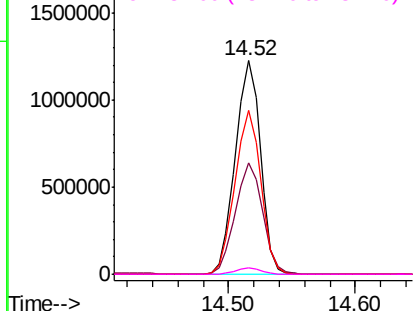
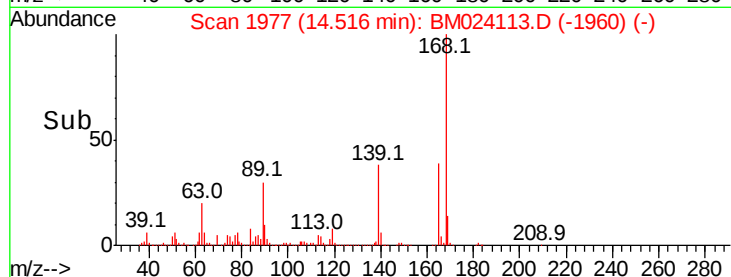
#57
 2,4-Dinitrotoluene
 Concen: 77.437 ng
 RT: 14.52 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 1686896
 Ion Ratio Lower Upper
 165 100
 63 52.0 42.6 64.0
 89 76.8 61.6 92.4
 182 2.9 2.4 3.6

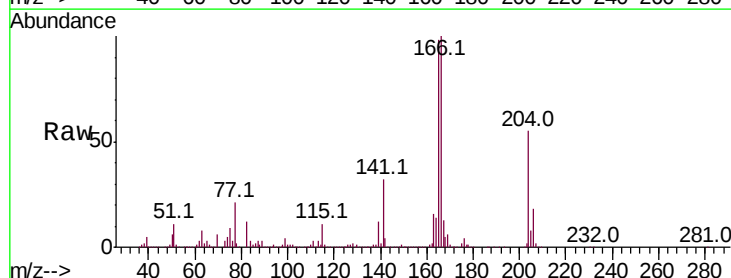


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

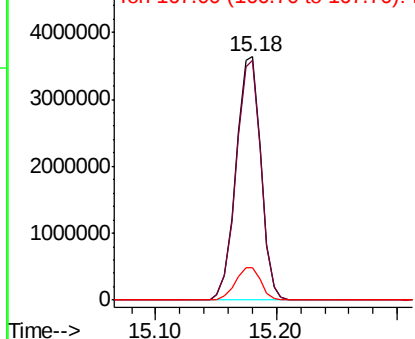
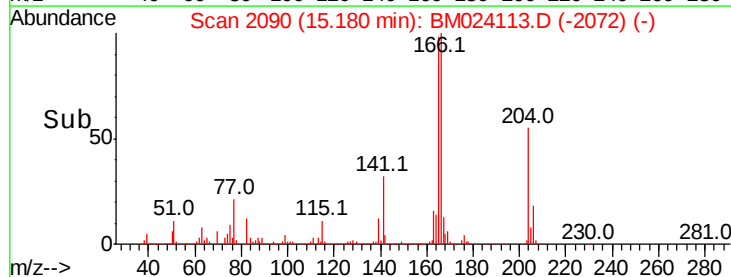


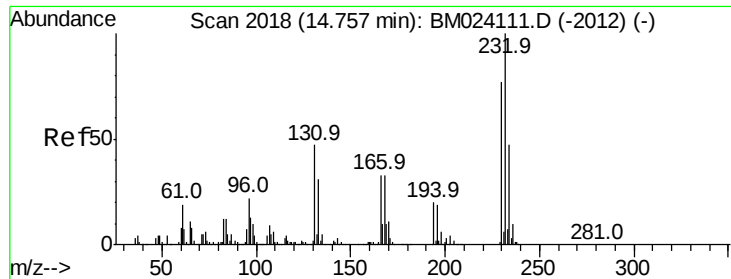
#58
 Fluorene
 Concen: 67.116 ng
 RT: 15.18 min Scan# 2090
 Delta R.T. 0.01 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion:166 Resp: 5234388
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.0 117.0
 167 13.4 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

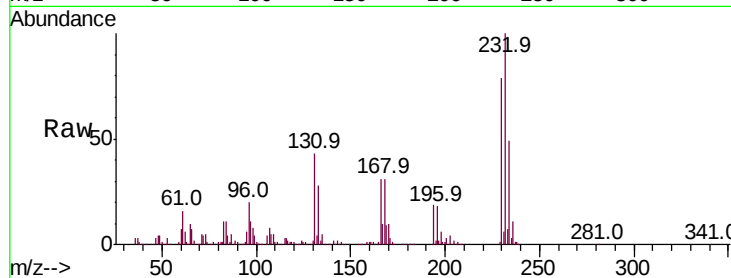




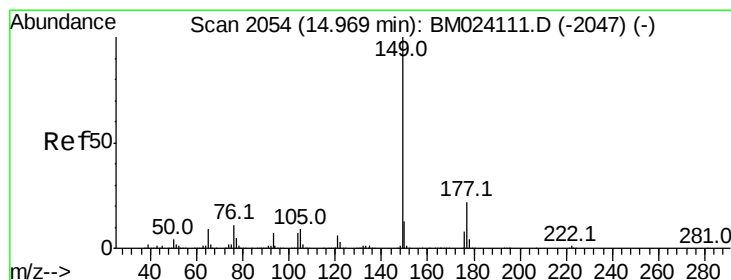
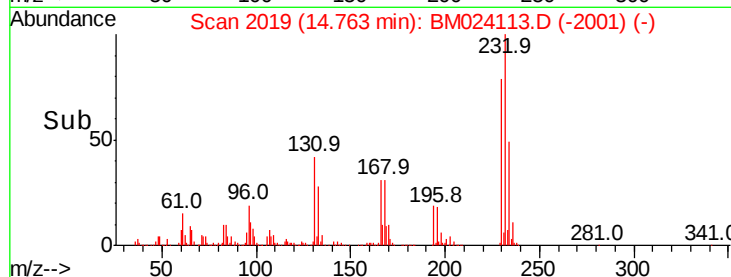
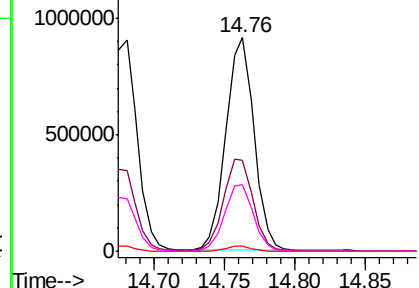
#59
2,3,4,6-Tetrachlorophenol
Concen: 64.645 ng
RT: 14.76 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 1263874
Ion Ratio Lower Upper
232 100
131 45.1 36.1 54.1
130 2.3 1.9 2.9
166 31.9 25.5 38.3

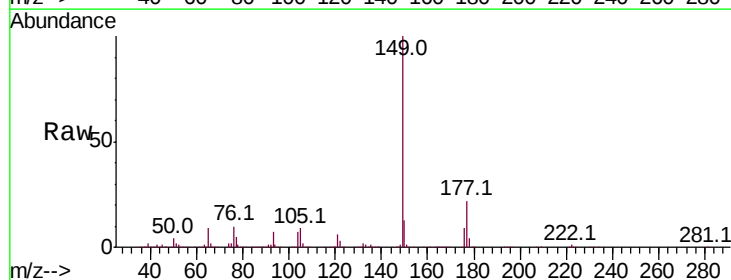


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

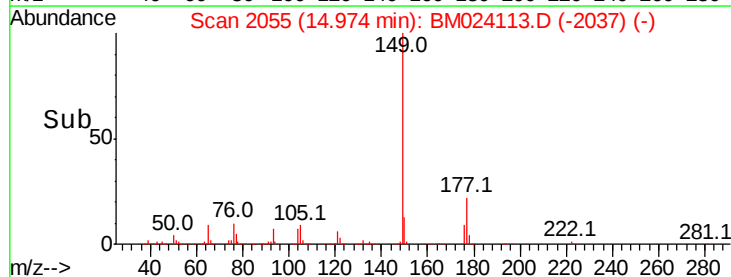
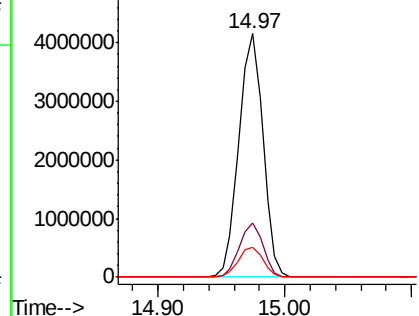


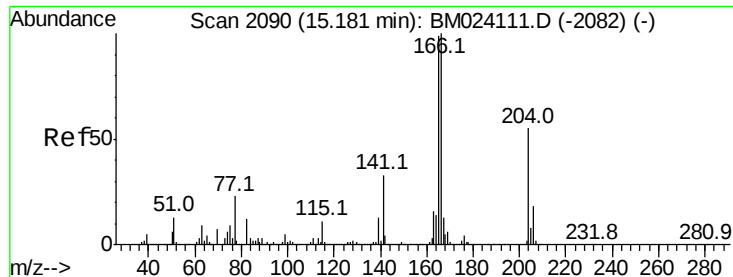
#60
Diethylphthalate
Concen: 70.489 ng
RT: 14.97 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:149 Resp: 5448627
Ion Ratio Lower Upper
149 100
177 22.4 17.3 25.9
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

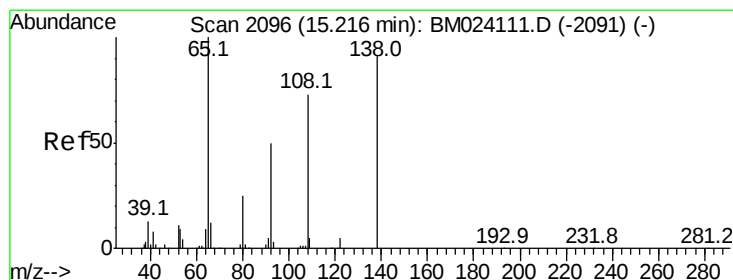
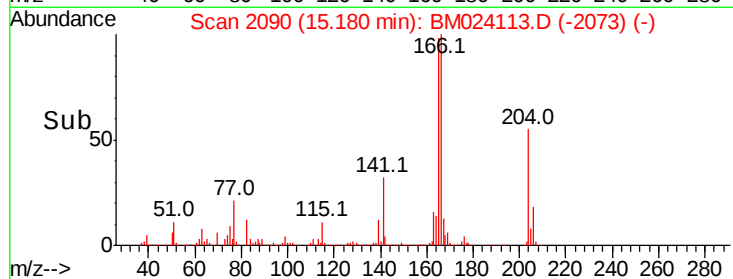
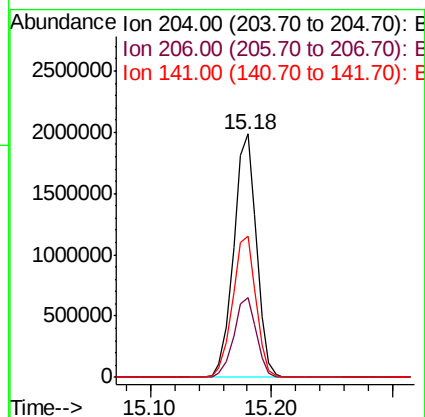
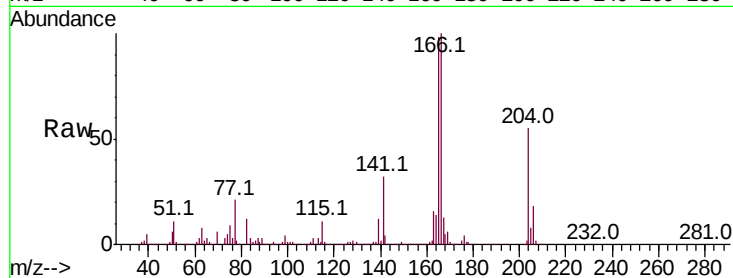




#61
4-Chlorophenyl-phenylether
Concen: 64.736 ng
RT: 15.18 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

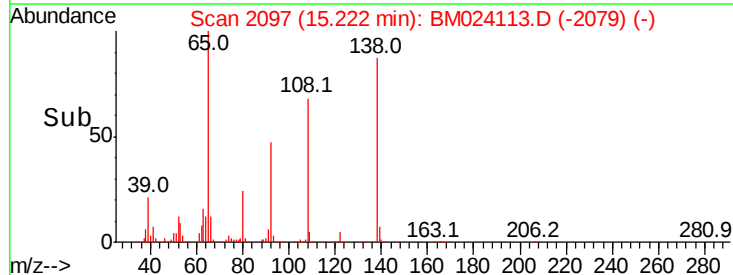
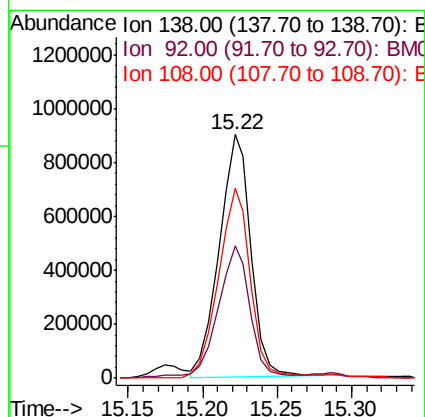
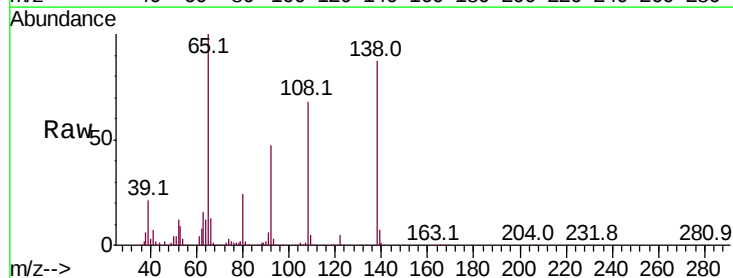
Instrument :
BNA_M
ClientSampled :

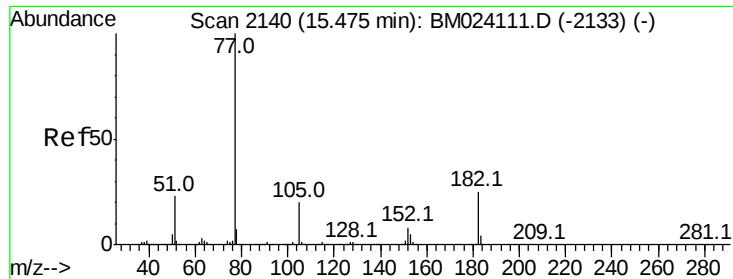
Tot Ion:204 Resp: 2594157
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 58.0 47.0 70.4



#62
4-Nitroaniline
Concen: 66.191 ng
RT: 15.22 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:138 Resp: 1328429
Ion Ratio Lower Upper
138 100
92 54.1 33.8 73.8
108 78.2 57.6 97.6





#63

Azobenzene

Concen: 75.463 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 5267602

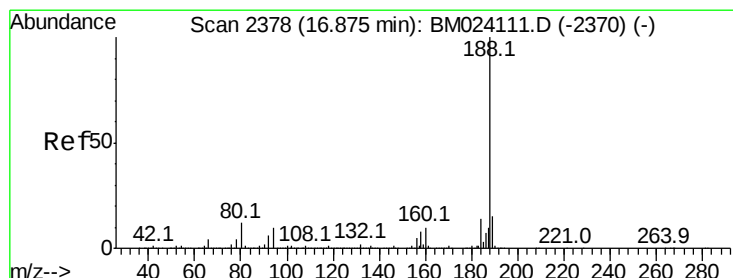
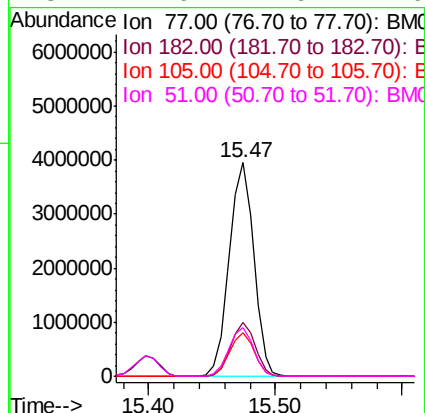
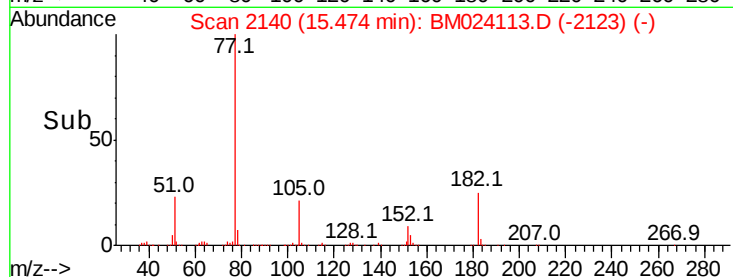
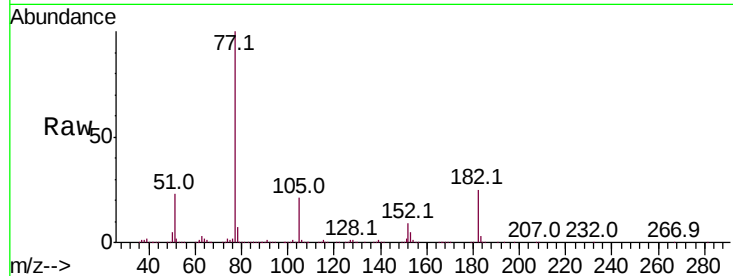
Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.7	44.7
105	20.5	0.0	40.0
51	22.9	2.6	42.6

77 100

182 25.1 4.7 44.7

105 20.5 0.0 40.0

51 22.9 2.6 42.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.87 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

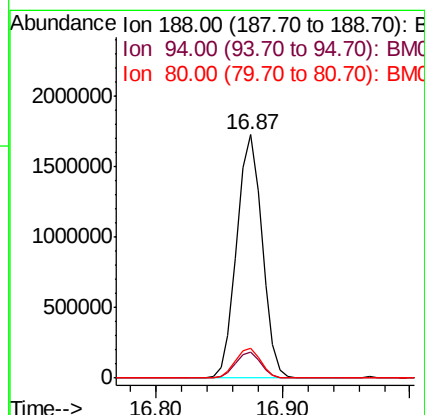
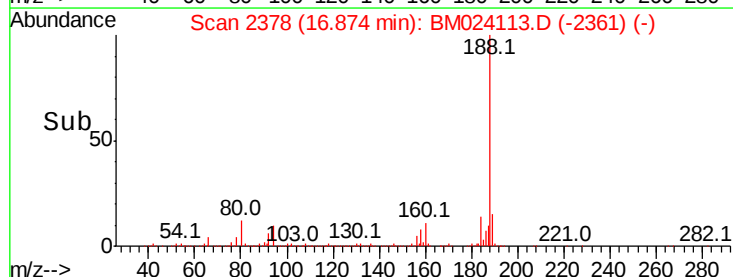
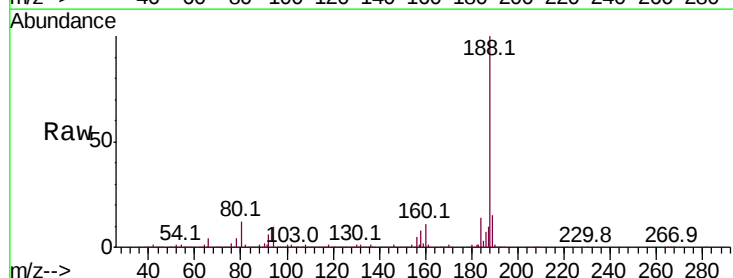
Tgt Ion: 188 Resp: 2385442

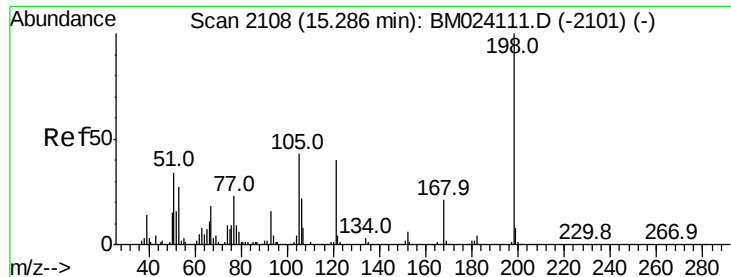
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.4
80	12.2	9.6	14.4

188 100

94 10.5 8.2 12.4

80 12.2 9.6 14.4

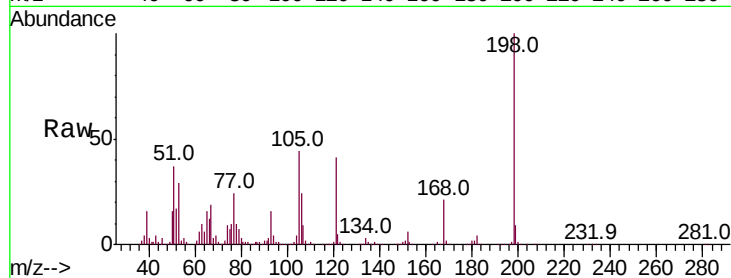




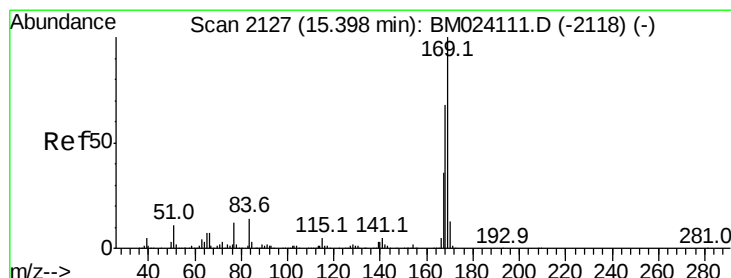
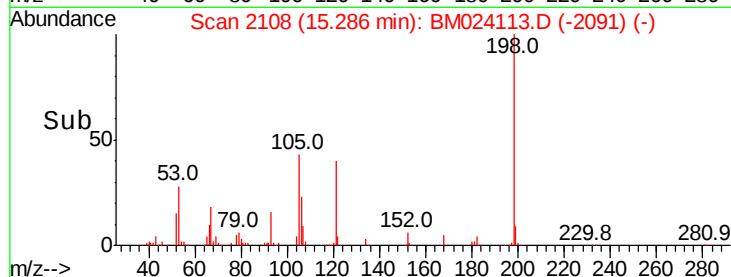
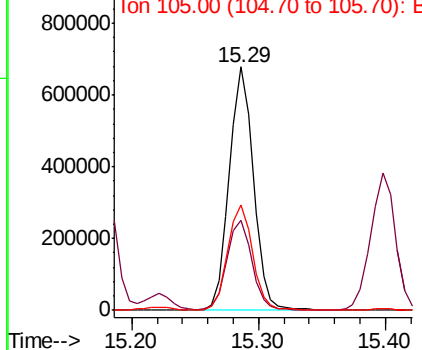
#65
4,6-Dinitro-2-methylphenol
Concen: 80.334 ng
RT: 15.29 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:198 Resp: 897461
Ion Ratio Lower Upper
198 100
51 36.8 15.0 55.0
105 43.5 22.9 62.9

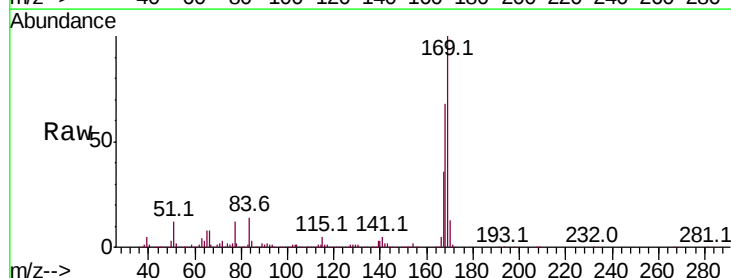


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

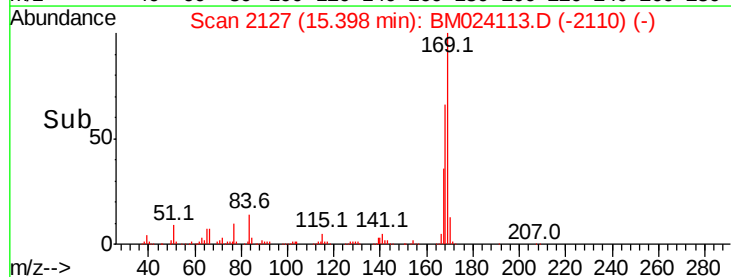
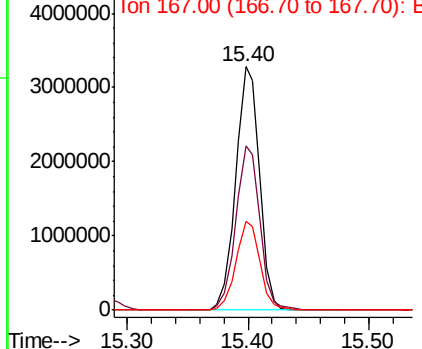


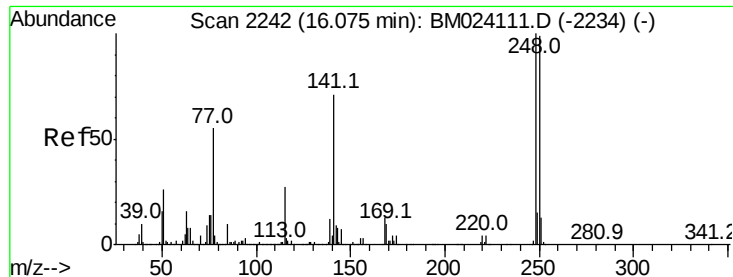
#66
n-Nitrosodiphenylamine
Concen: 61.513 ng
RT: 15.40 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:169 Resp: 4482721
Ion Ratio Lower Upper
169 100
168 67.6 54.0 81.0
167 36.4 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: 64.309 ng

RT: 16.07 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

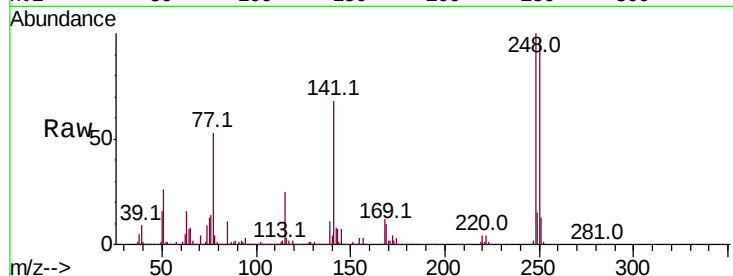
Tot Ion:248 Resp: 1706244

Ion Ratio Lower Upper

248 100

250 97.3 79.1 118.7

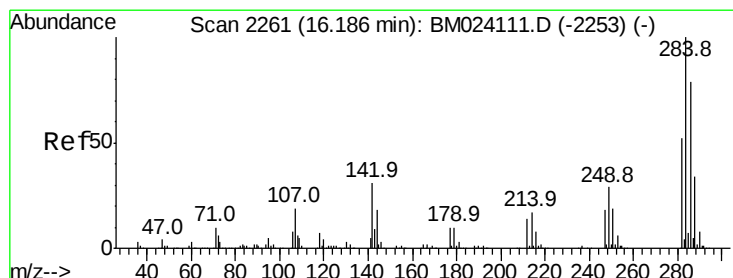
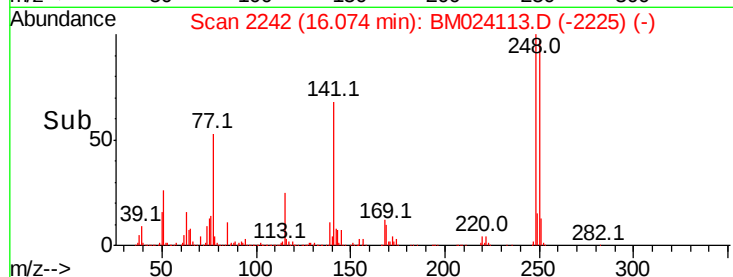
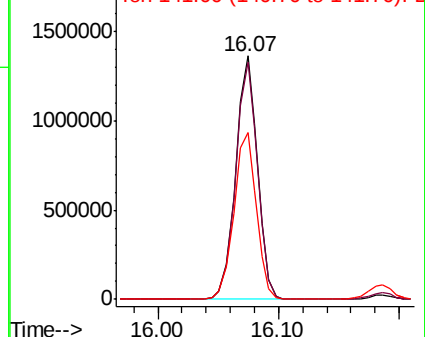
141 68.5 56.8 85.2



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: 66.508 ng

RT: 16.19 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

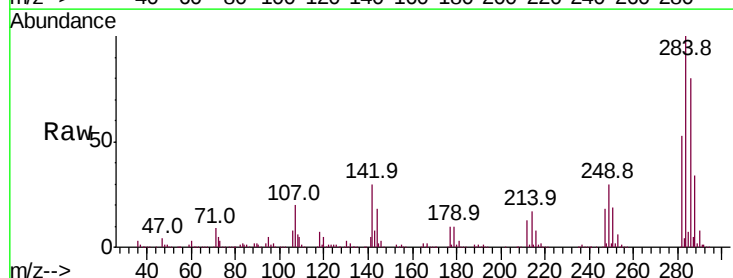
Tgt Ion:284 Resp: 2057817

Ion Ratio Lower Upper

284 100

142 30.3 24.6 37.0

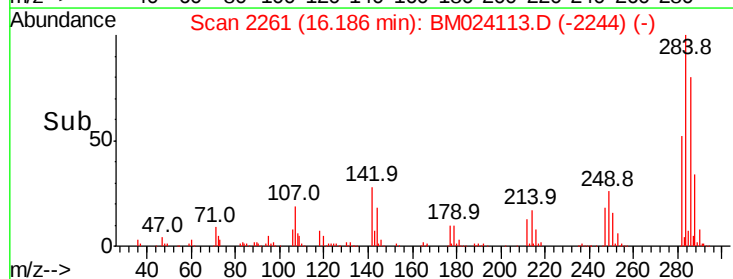
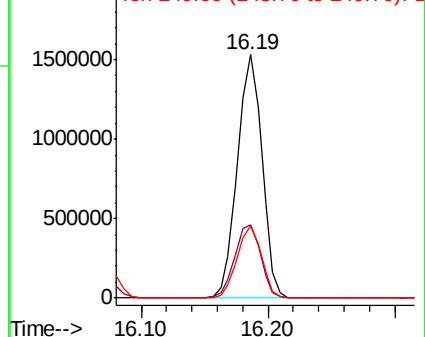
249 29.5 23.5 35.3

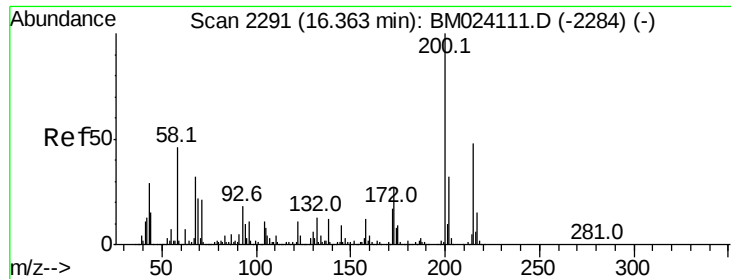


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

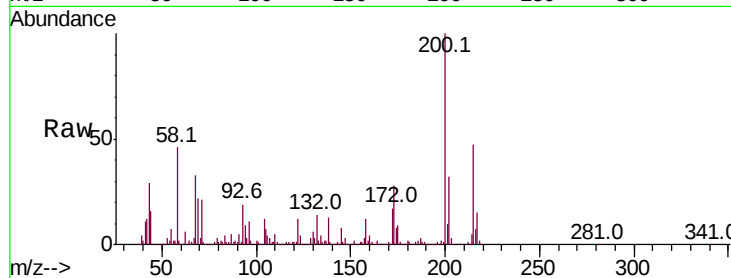




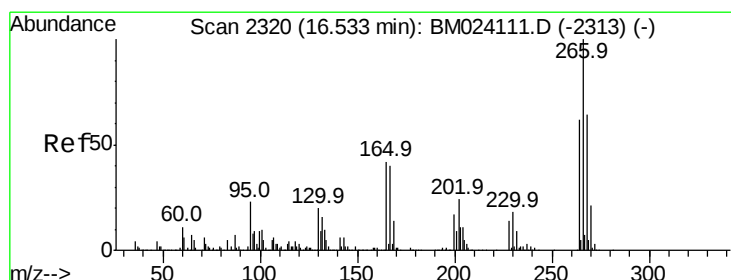
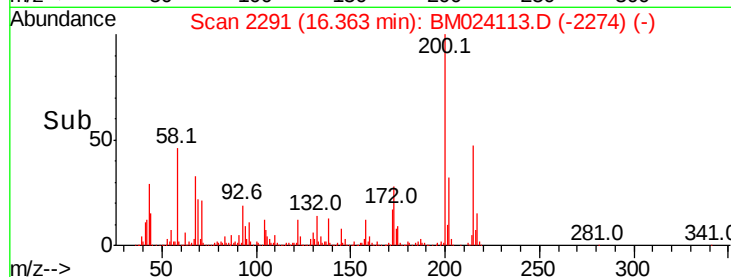
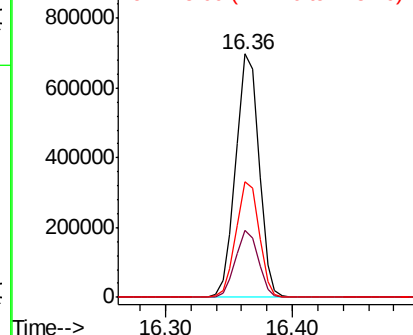
#69
Atrazine
Concen: 37.283 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.2	47.2
215	47.3	27.9	67.9

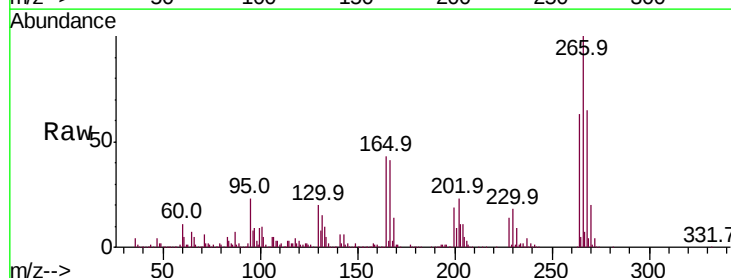


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

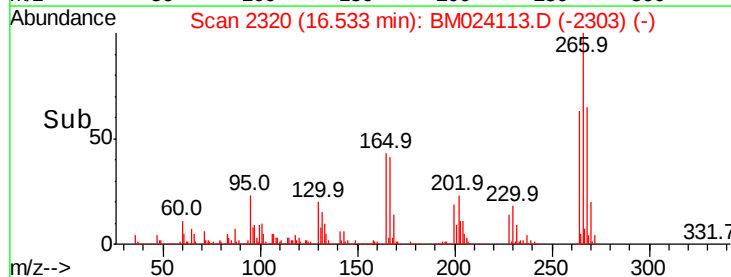
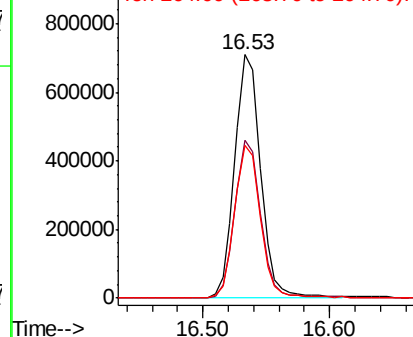


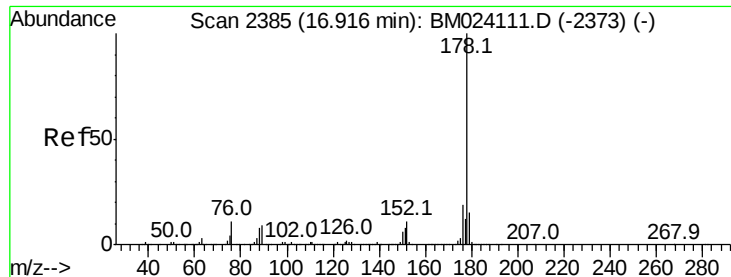
#70
Pentachlorophenol
Concen: 60.892 ng
RT: 16.53 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.2	76.8
264	62.8	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

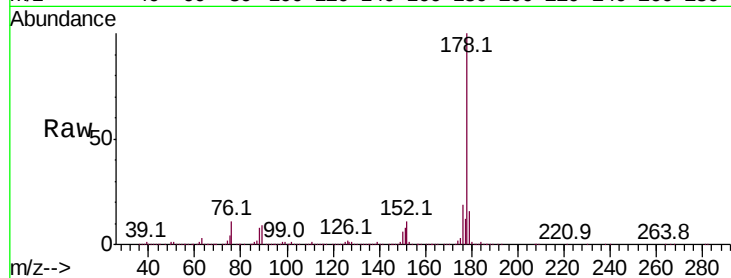




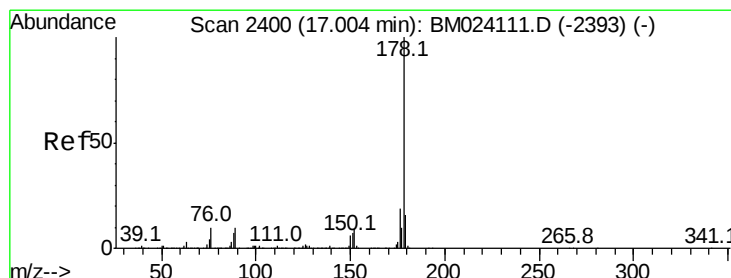
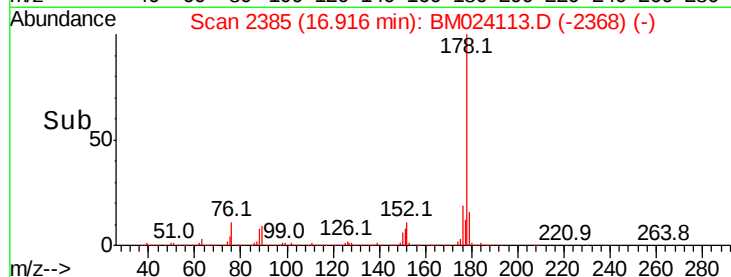
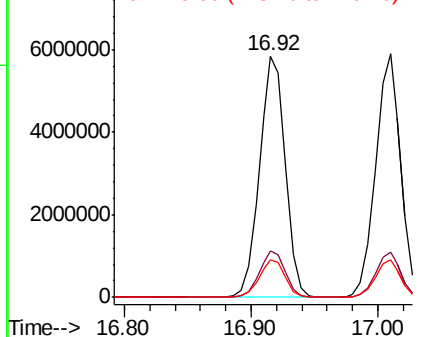
#71
Phenanthrene
Concen: 61.274 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 8247517
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.8 12.2 18.2

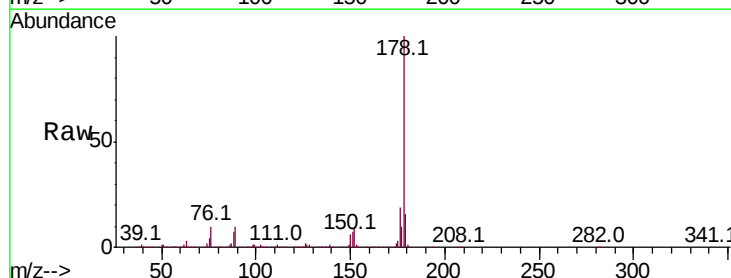


Abundance Ion 178.00 (177.70 to 178.70): E
8000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

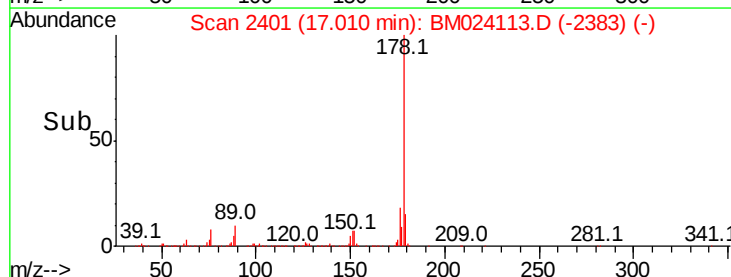
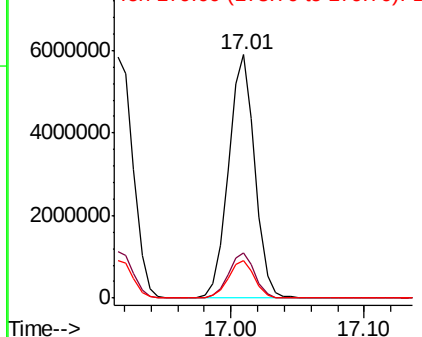


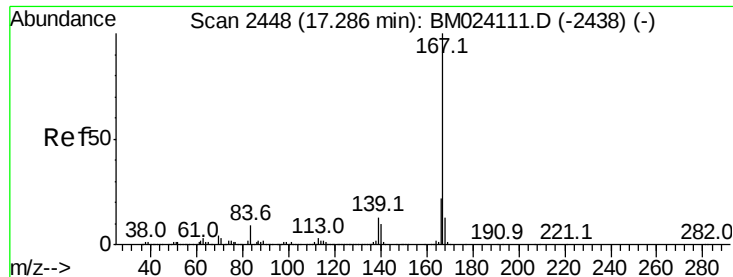
#72
Anthracene
Concen: 61.886 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:178 Resp: 8072969
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
8000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



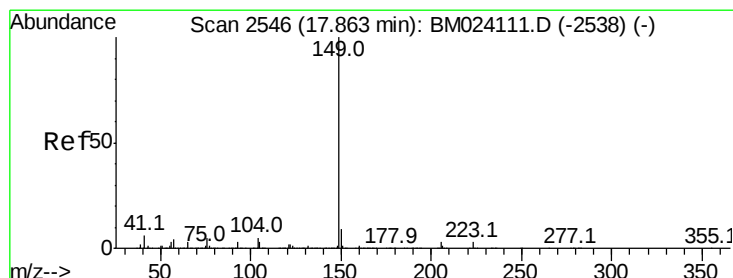
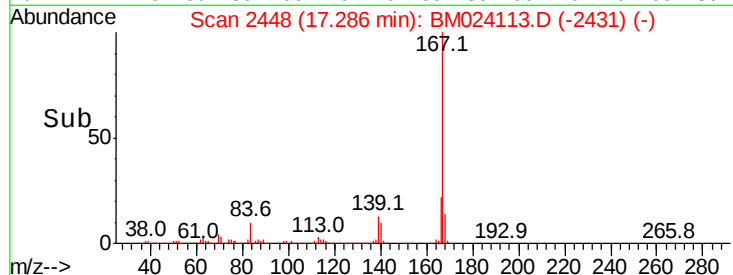
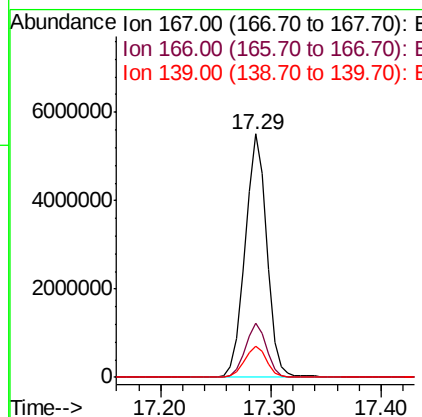
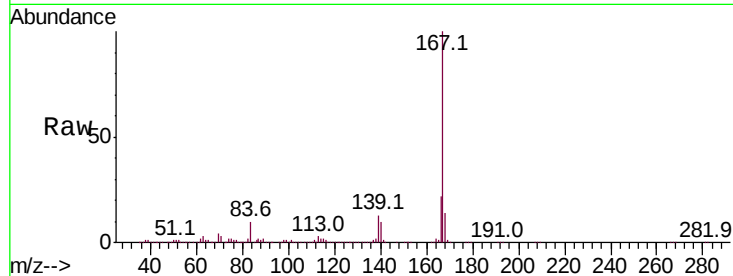


#73
 Carbazole
 Concen: 62.930 ng
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 7639126

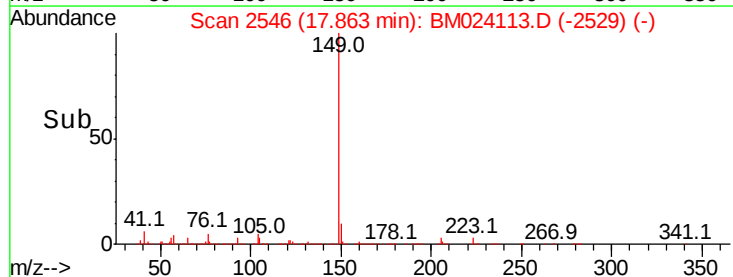
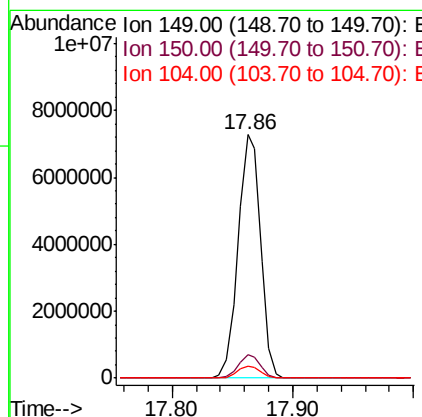
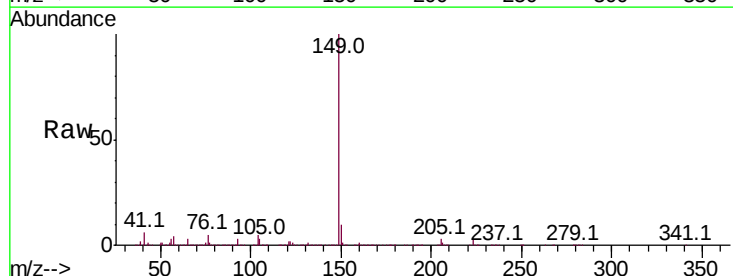
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.0	10.2	15.4

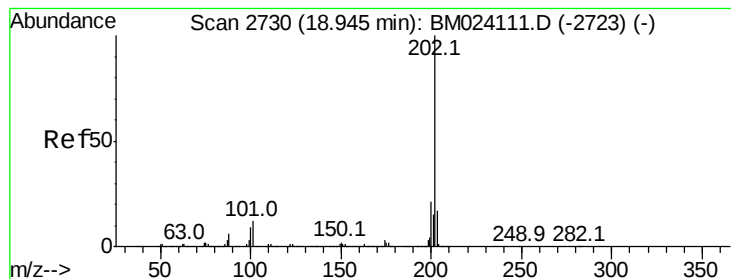


#74
 Di-n-butylphthalate
 Concen: 68.370 ng
 RT: 17.86 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM024113.D
 Acq: 16 Dec 2019 17:57

Tgt Ion:149 Resp: 9410702

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.0
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 62.435 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

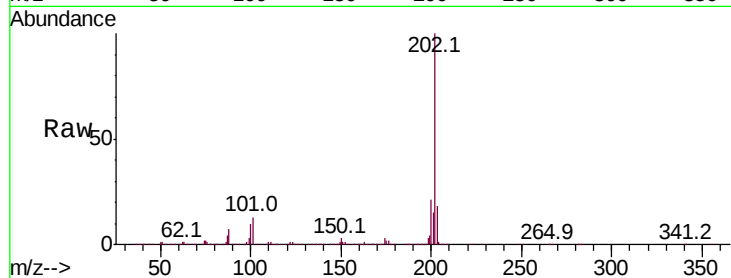
Tot Ion:202 Resp: 9483074

Ion Ratio Lower Upper

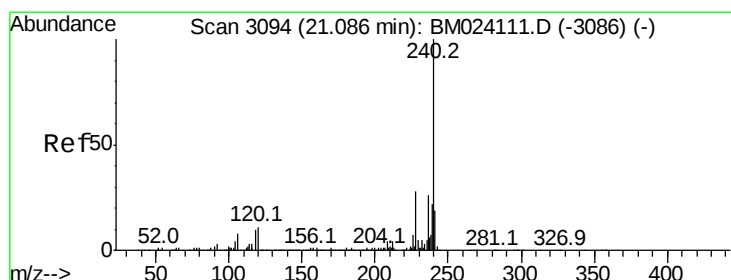
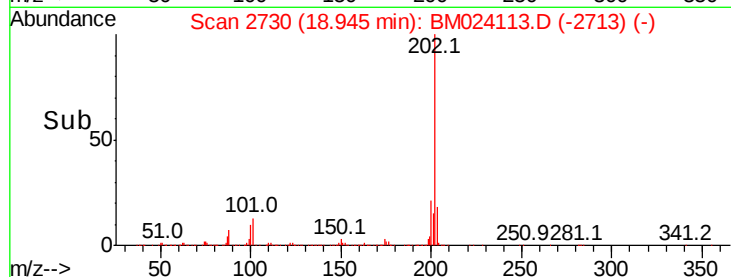
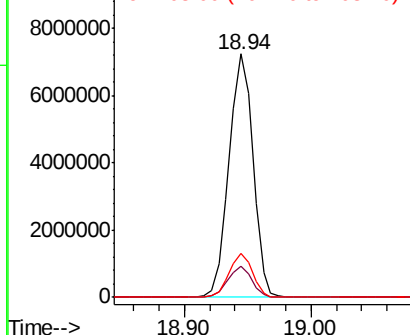
202 100

101 12.7 0.0 32.0

203 18.1 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
1e+07 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: BM024113.D

Acq: 16 Dec 2019 17:57

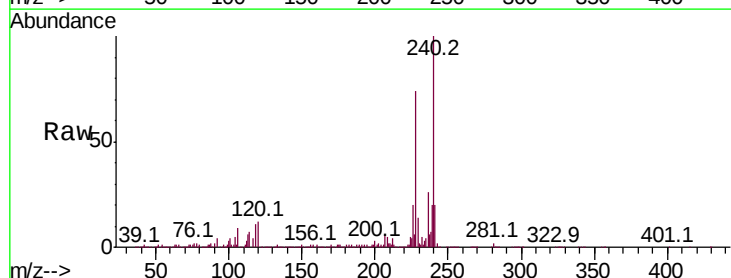
Tgt Ion:240 Resp: 2386947

Ion Ratio Lower Upper

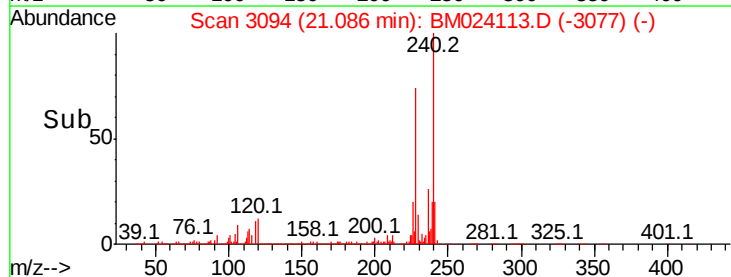
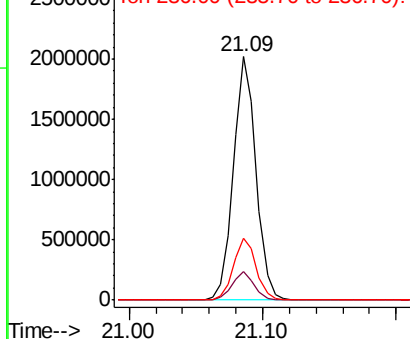
240 100

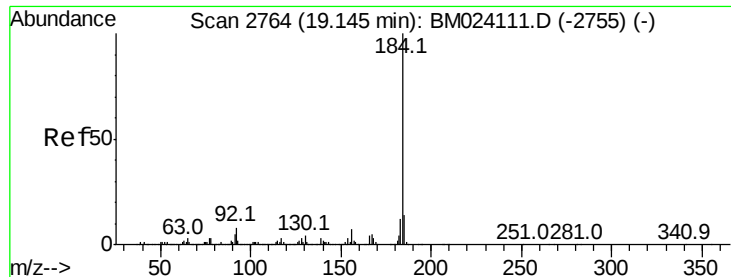
120 11.6 8.6 13.0

236 25.5 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: 37.417 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

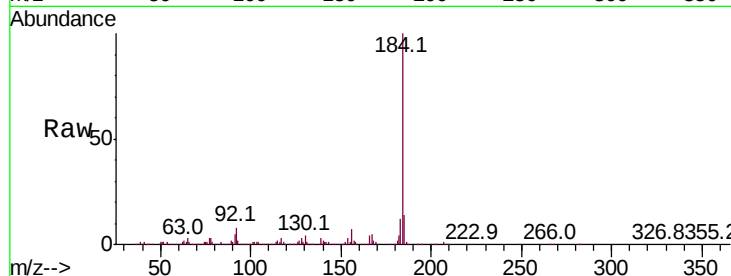
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2450163

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.0	16.4
183	12.3	9.9	14.9

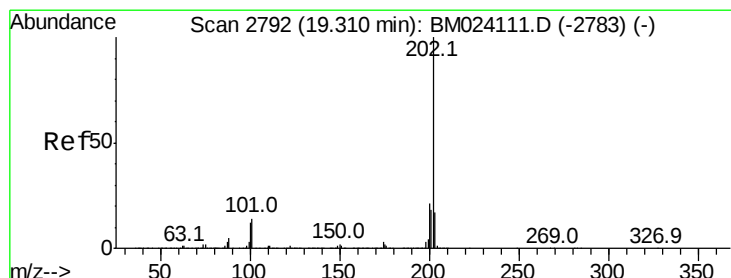
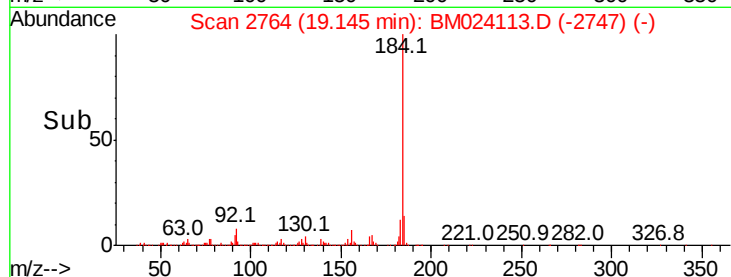
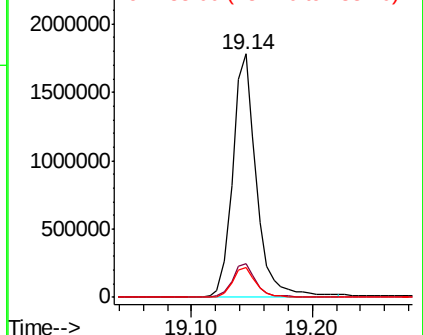


Abundance

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: 62.108 ng

RT: 19.31 min Scan# 2792

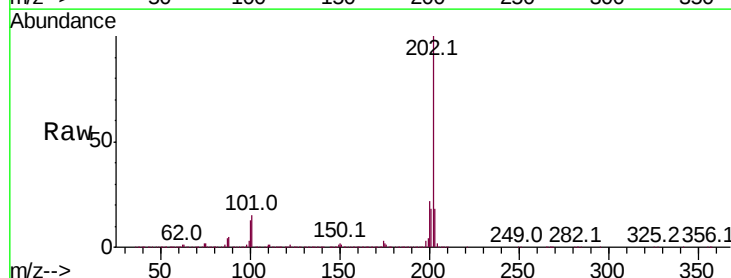
Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion:202 Resp: 9715420

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	18.0	14.0	21.0

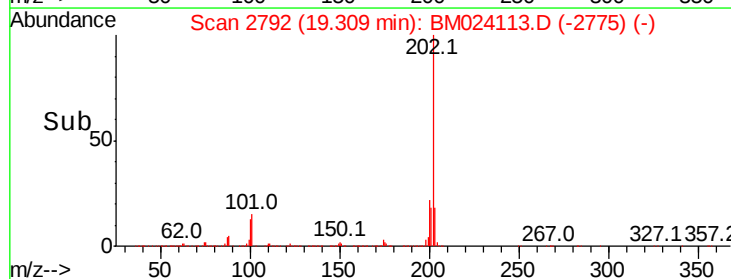
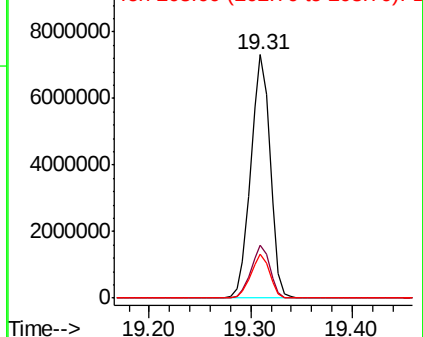


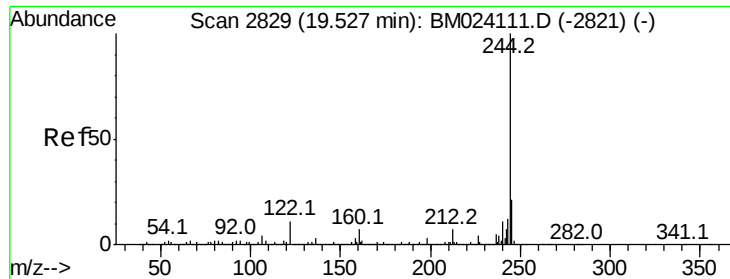
Abundance

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: 107.369 ng

RT: 19.53 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

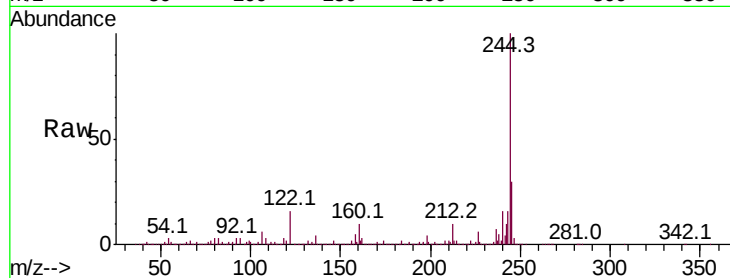
Tot Ion:244 Resp:13235200

Ion Ratio Lower Upper

244 100

212 10.1 5.6 8.4#

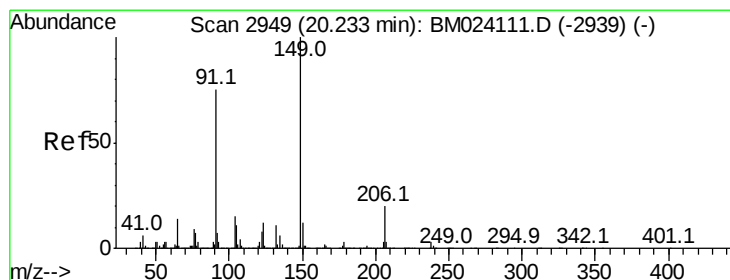
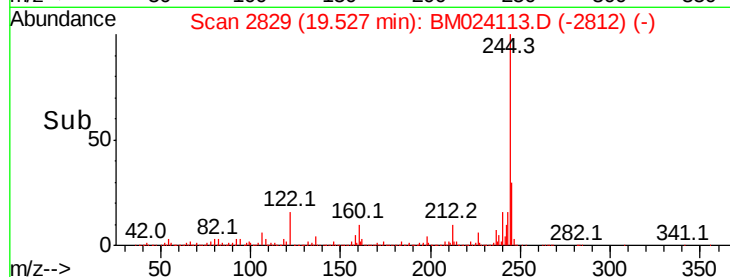
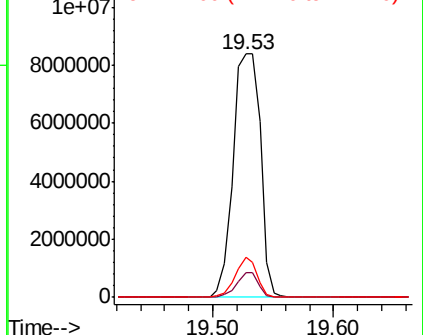
122 16.4 8.9 13.3#



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: 76.942 ng

RT: 20.24 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

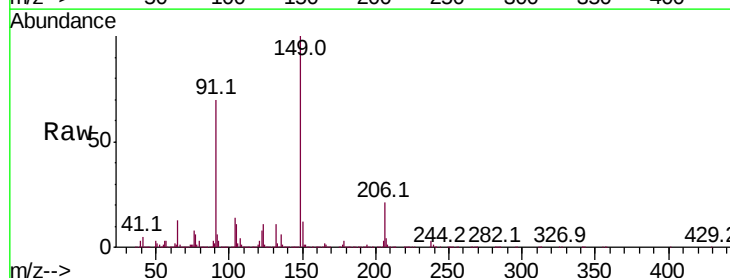
Tgt Ion:149 Resp: 4574232

Ion Ratio Lower Upper

149 100

91 70.5 59.7 89.5

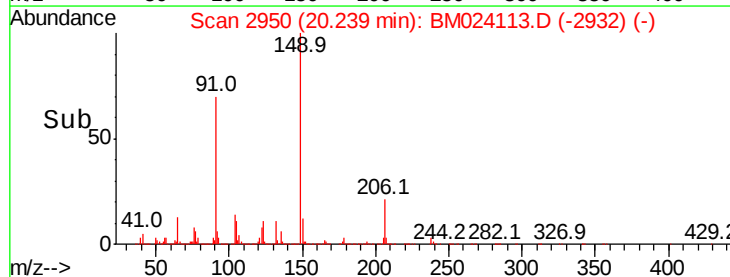
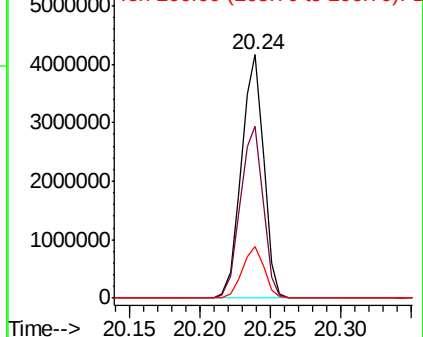
206 21.3 16.0 24.0

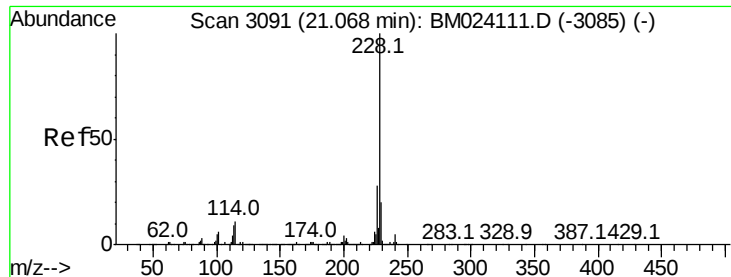


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.758 ng

RT: 21.07 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampled :

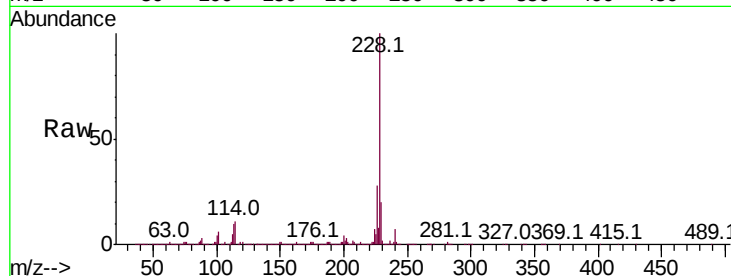
Tot Ion:228 Resp: 9554123

Ion Ratio Lower Upper

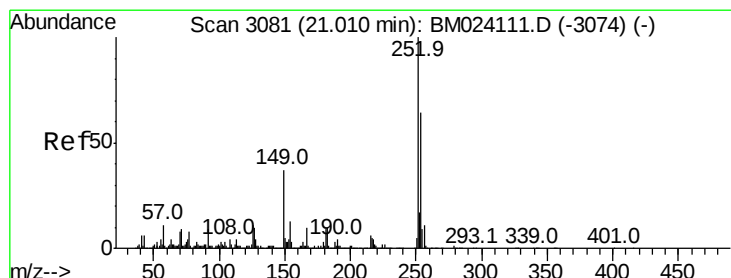
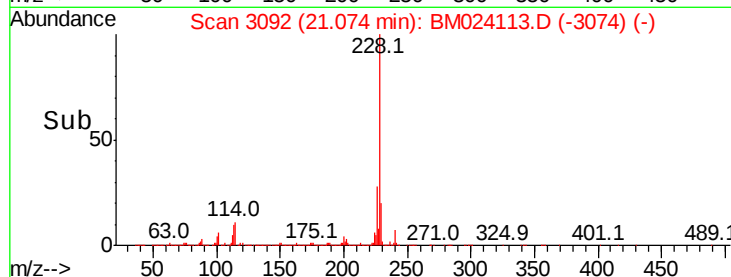
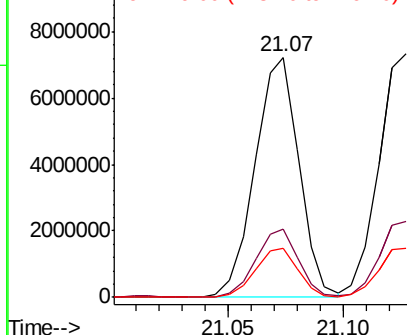
228 100

226 28.2 22.1 33.1

229 20.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
1e+07 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 63.115 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

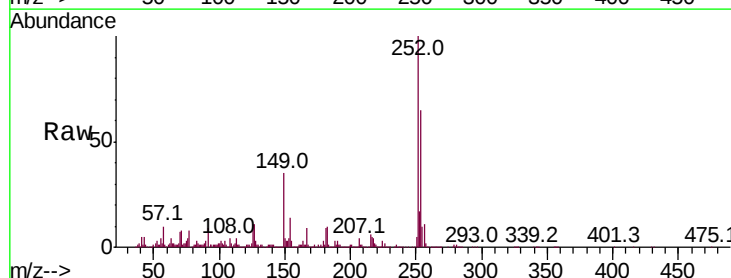
Tgt Ion:252 Resp: 3462597

Ion Ratio Lower Upper

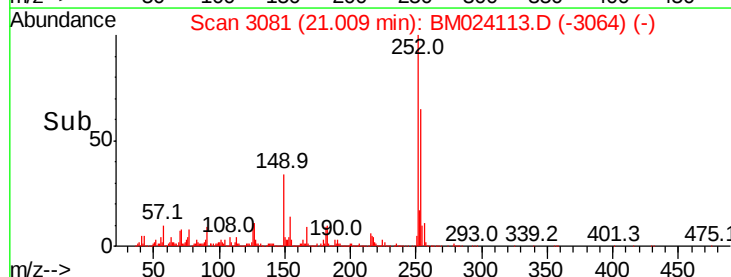
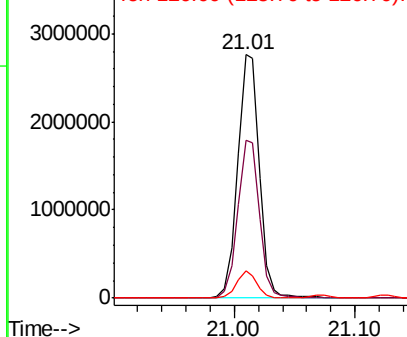
252 100

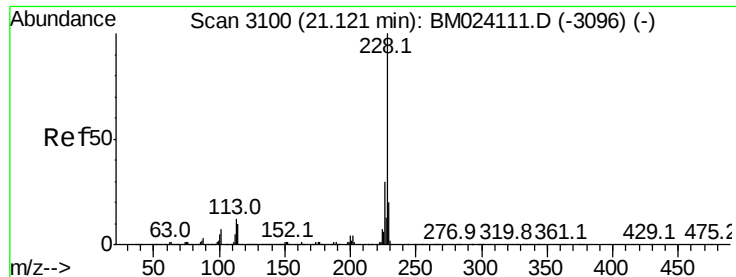
254 64.6 51.3 76.9

126 11.0 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

Chrvsene

Concen: 61.197 ng

RT: 21.13 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

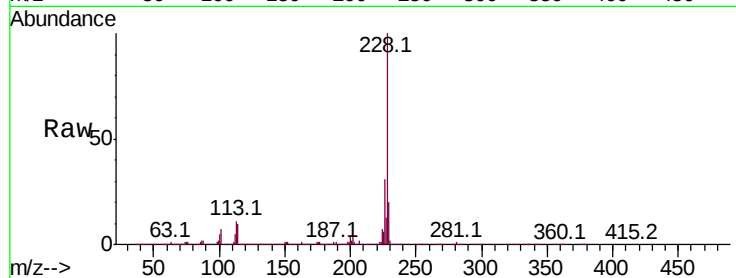
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 9178350

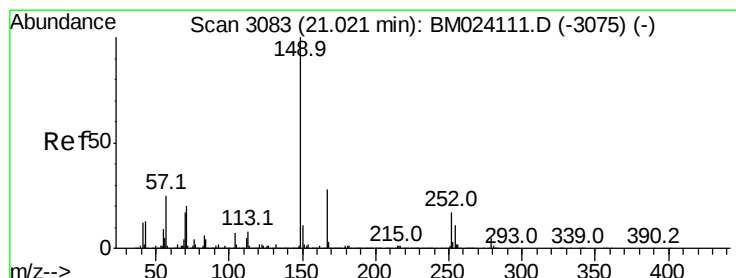
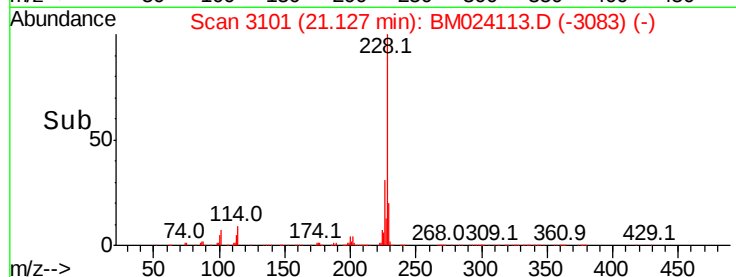
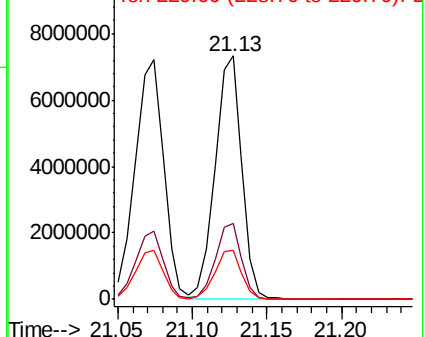
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	20.4	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

1e+07 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.609 ng

RT: 21.02 min Scan# 3083

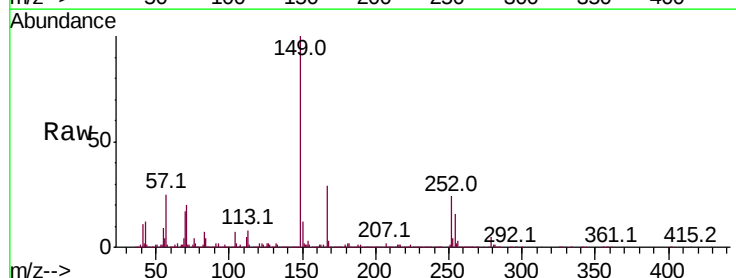
Delta R.T. -0.00 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion:149 Resp: 6395903

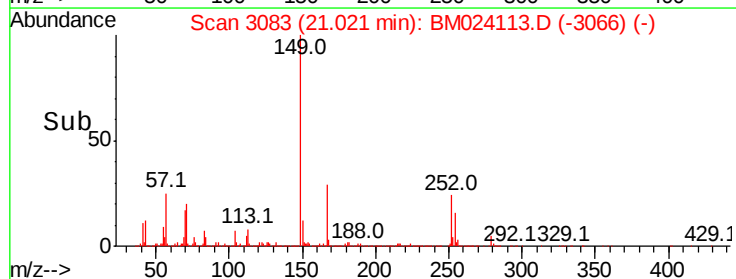
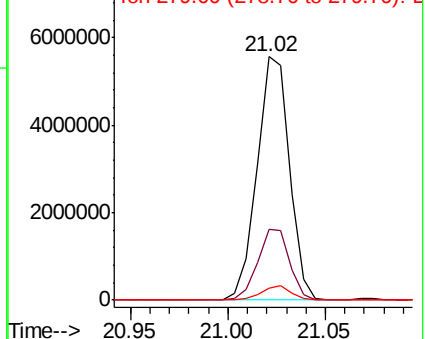
Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.1	33.1
279	5.1	3.9	5.9

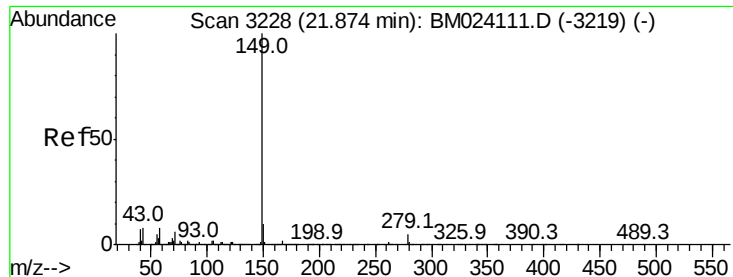


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 75.710 ng

RT: 21.88 min Scan# 3229

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampled :

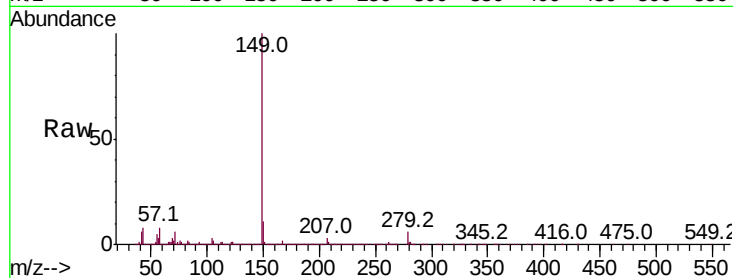
Tot Ion:149 Resp:10629002

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

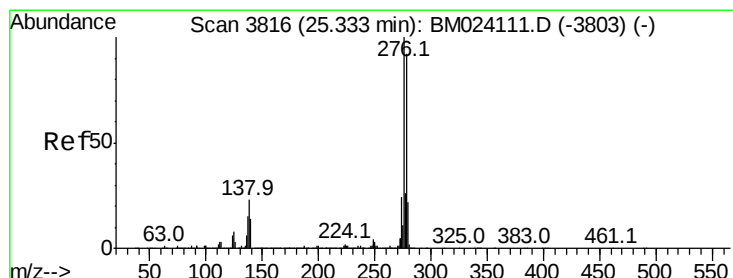
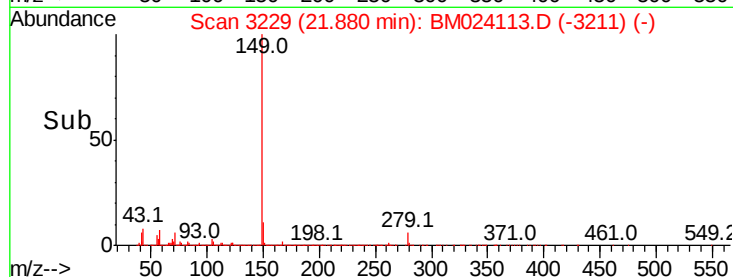
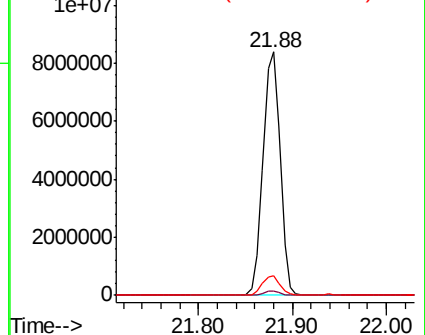
43 8.3 6.6 9.8



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.351 ng

RT: 25.34 min Scan# 3818

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

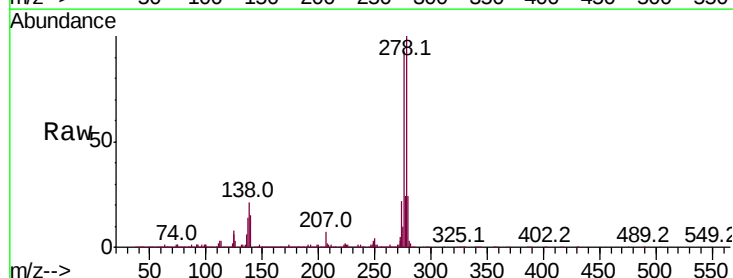
Tgt Ion:276 Resp:10982325

Ion Ratio Lower Upper

276 100

138 22.2 0.0 0.0#

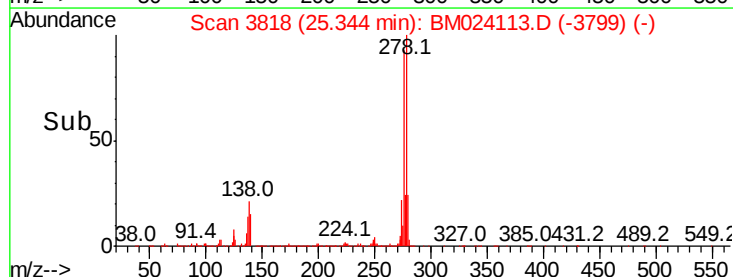
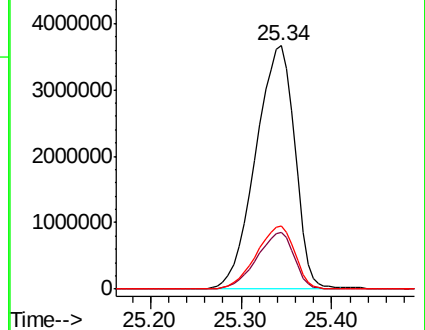
277 25.5 0.0 0.0#

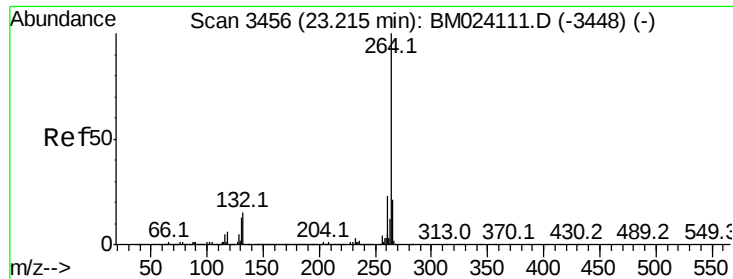


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM024113.D

Acq: 16 Dec 2019 17:57

Instrument :

BNA_M

ClientSampleId :

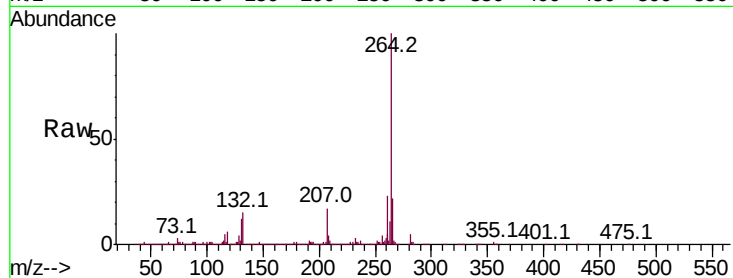
Tot Ion:264 Resp: 2729775

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.9 17.4 26.0

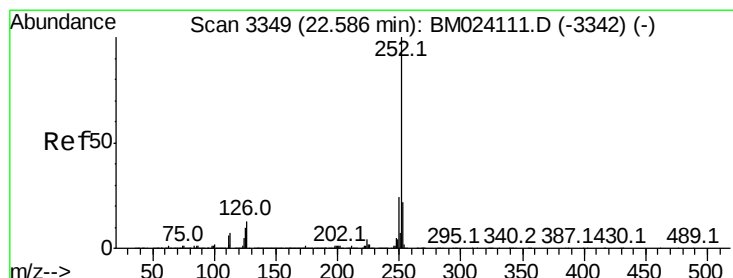
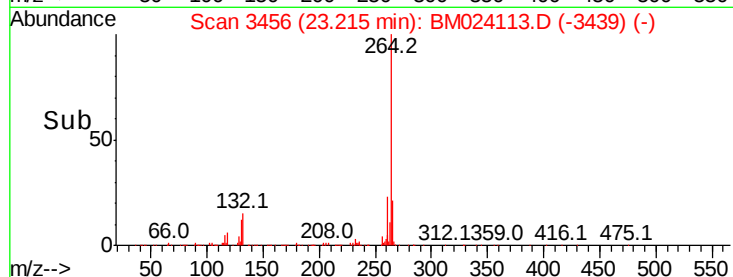
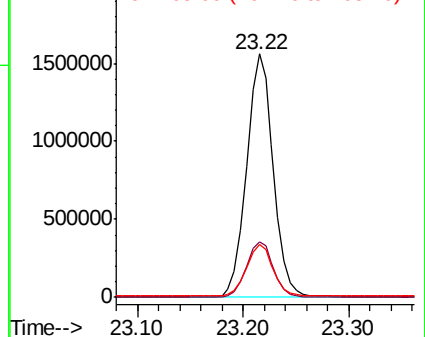


Abundance

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: 62.463 ng

RT: 22.59 min Scan# 3350

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

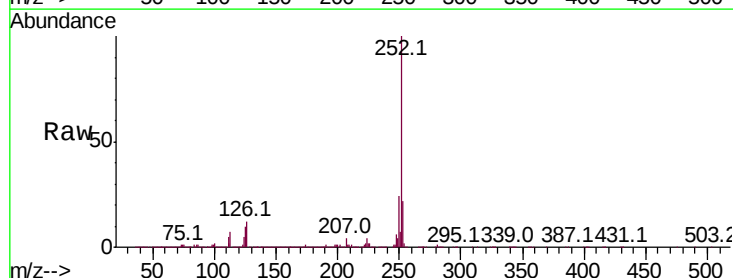
Tgt Ion:252 Resp:10323877

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 9.5 7.9 11.9

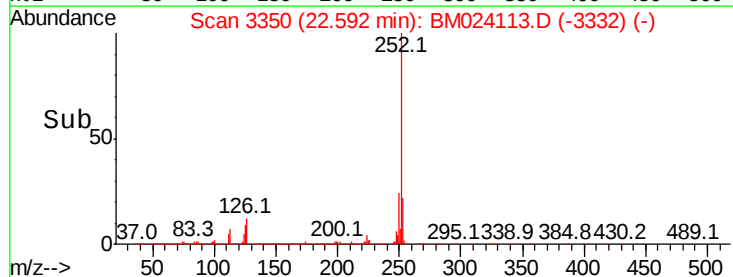
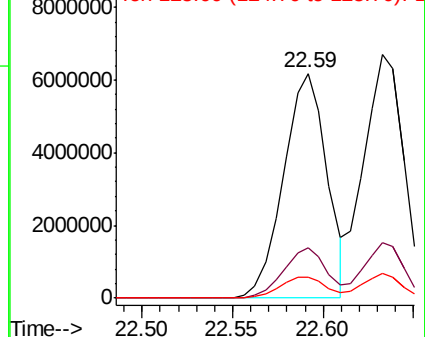


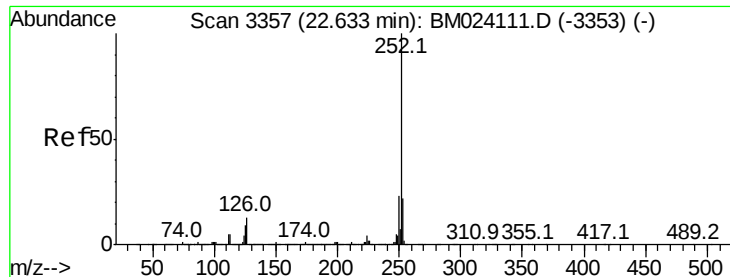
Abundance

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

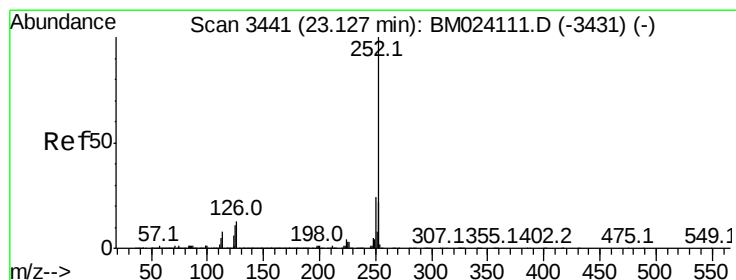
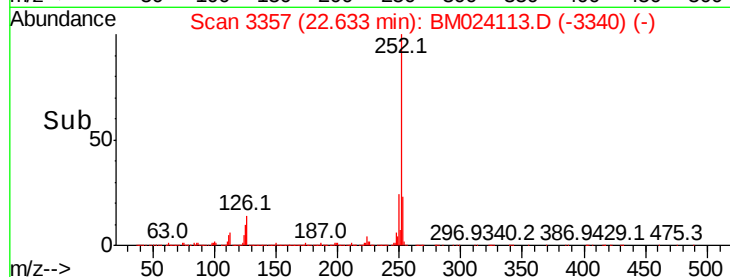
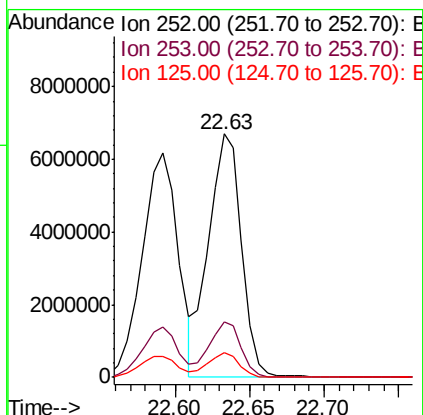
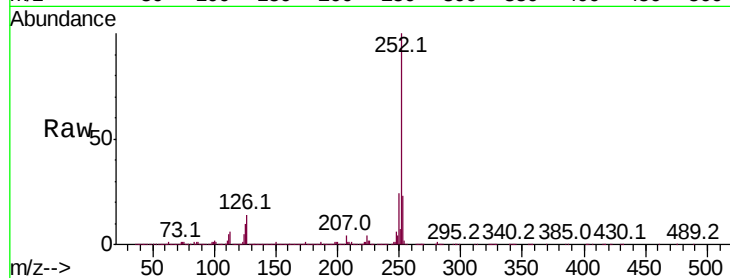




#89
Benzo(k)fluoranthene
Concen: 62.586 ng
RT: 22.63 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

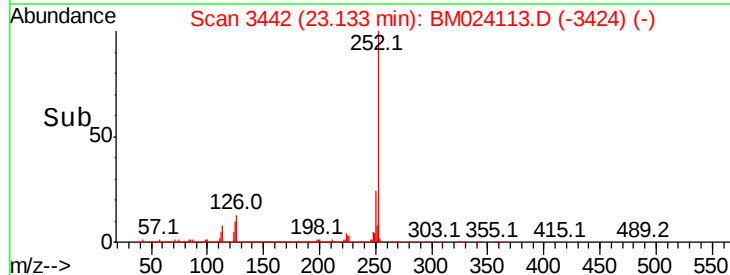
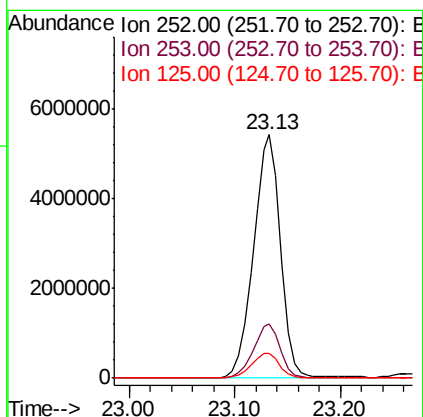
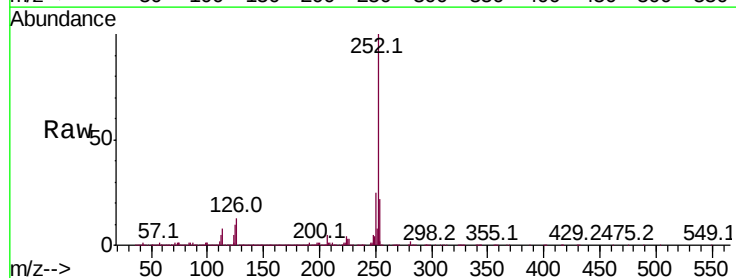
Instrument :
BNA_M
ClientSampleId :

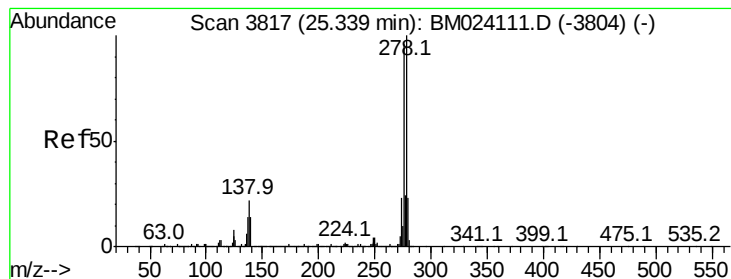
Tot Ion:252 Resp:10263778
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 63.129 ng
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM024113.D
Acq: 16 Dec 2019 17:57

Tgt Ion:252 Resp: 9614467
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.2 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 57.499 ng

RT: 25.34 min Scan# 3818

Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

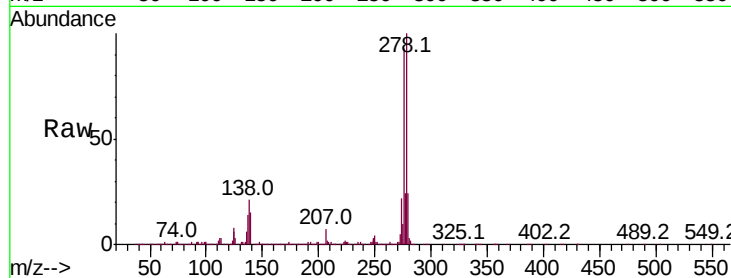
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 9159848

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.4	17.2
279	24.1	18.8	28.2

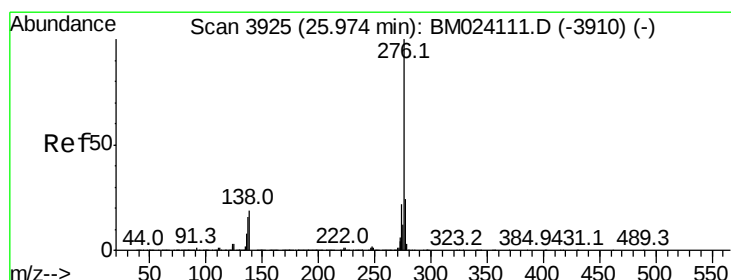
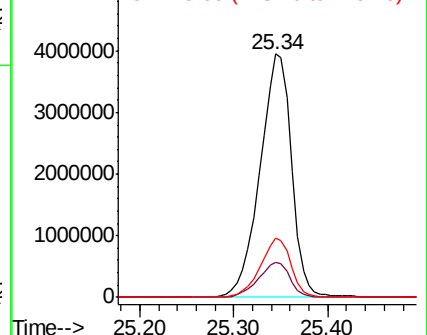
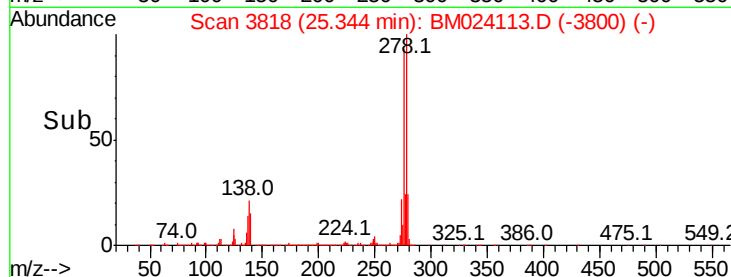


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.487 ng

RT: 25.98 min Scan# 3926

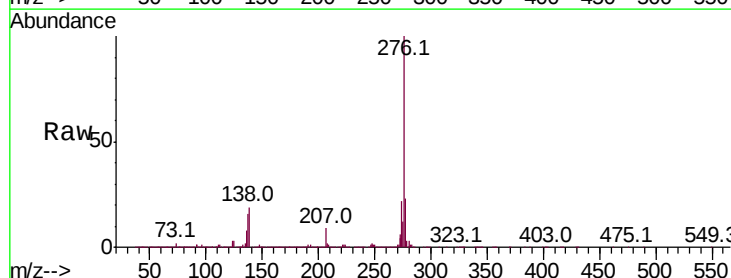
Delta R.T. 0.01 min

Lab File: BM024113.D

Acq: 16 Dec 2019 17:57

Tgt Ion:276 Resp: 8395730

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	19.2	15.4	23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

