

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024112.D
 Acq On : 16 Dec 2019 17:21
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 16 17:59:14 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	7.45	152	375558	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1631163	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1073043	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2320269	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2350908	20.00	ng	0.00
87) Perylene-d12	23.22	264	2748986	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	2137168	90.25	ng	0.00
7) Phenol-d6	6.66	99	3279979	107.84	ng	0.00
23) Nitrobenzene-d5	8.61	82	3512349	119.53	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1584241	118.27	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	7896775	101.34	ng	0.00
79) Terphenyl-d14	19.53	244	12037915	99.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	452389	47.478	ng	# 100
3) Pyridine	3.43	79	1222529	48.676	ng	99
4) n-Nitrosodimethylamine	3.35	42	430987	47.138	ng	99
6) Aniline	6.80	93	2107870	57.799	ng	99
8) 2-Chlorophenol	7.03	128	1264388	52.406	ng	98
9) Benzaldehyde	6.61	77	766547	44.263	ng	97
10) Phenol	6.68	94	1702615	59.462	ng	98
11) bis(2-Chloroethyl)ether	6.90	93	1318727	58.619	ng	99
12) 1,3-Dichlorobenzene	7.35	146	1424539	49.401	ng	99
13) 1,4-Dichlorobenzene	7.49	146	1448350	49.613	ng	99
14) 1,2-Dichlorobenzene	7.80	146	1412963	50.768	ng	99
15) Benzyl Alcohol	7.71	79	1300259	68.322	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1613152	49.363	ng	100
17) 2-Methylphenol	7.92	107	1147753	60.558	ng	99
18) Hexachloroethane	8.52	117	544695	50.872	ng	97
19) n-Nitroso-di-n-propylamine	8.27	70	1222622	71.987	ng	98
20) 3+4-Methylphenols	8.25	107	1607921	63.695	ng	99
22) Acetophenone	8.28	105	2251240	55.912	ng	# 99
24) Nitrobenzene	8.65	77	1716587	61.055	ng	99
25) Isophorone	9.18	82	3180312	65.823	ng	99
26) 2-Nitrophenol	9.36	139	759083	62.541	ng	99
27) 2,4-Dimethylphenol	9.43	122	1093548	53.818	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	2013503	60.223	ng	99
29) 2,4-Dichlorophenol	9.89	162	1310953	57.065	ng	99
30) 1,2,4-Trichlorobenzene	10.09	180	1465866	51.863	ng	99
31) Naphthalene	10.27	128	4355280	54.038	ng	99
32) Benzoic acid	9.63	122	952070	72.801	ng	98
33) 4-Chloroaniline	10.40	127	1950702	55.745	ng	99
34) Hexachlorobutadiene	10.56	225	837026	49.679	ng	100
35) Caprolactam	11.22	113	386361	56.729	ng	98
36) 4-Chloro-3-methylphenol	11.55	107	1550387	69.173	ng	99
37) 2-Methylnaphthalene	11.90	142	3246584	57.870	ng	99
38) 1-Methylnaphthalene	12.13	142	3102030	58.251	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1617217	44.479	ng	99

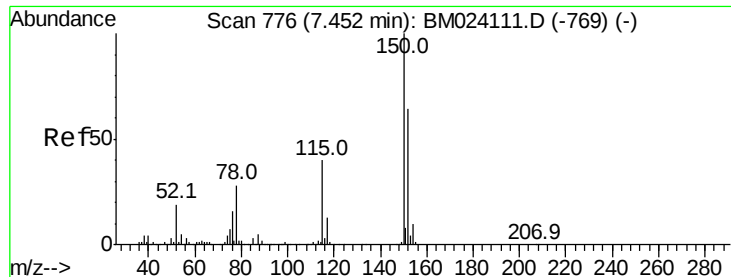
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
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 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	621317	31.320	nq	99
43) 2,4,6-Trichlorophenol	12.54	196	1120028	53.373	nq	99
44) 2,4,5-Trichlorophenol	12.61	196	1146002	52.405	nq	98
46) 1,1'-Biphenyl	12.94	154	4343137	48.904	nq	100
47) 2-Chloronaphthalene	12.98	162	3429235	51.807	nq	100
48) 2-Nitroaniline	13.20	65	1172315	68.014	nq	96
49) Acenaphthylene	13.83	152	5351711	54.597	nq	100
50) Dimethylphthalate	13.60	163	4426593	57.083	nq	100
51) 2,6-Dinitrotoluene	13.72	165	961994	59.307	nq	95
52) Acenaphthene	14.19	154	3266416	50.936	nq	99
53) 3-Nitroaniline	14.05	138	1078349	57.747	nq	97
54) 2,4-Dinitrophenol	14.26	184	545514	71.228	nq	99
55) Dibenzofuran	14.52	168	5113780	54.622	nq	99
56) 4-Nitrophenol	14.37	139	811299	56.525	nq	99
57) 2,4-Dinitrotoluene	14.52	165	1388969	65.363	nq	98
58) Fluorene	15.17	166	4274736	56.189	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1044737	54.779	nq	100
60) Diethylphthalate	14.97	149	4495740	59.624	nq	99
61) 4-Chlorophenyl-phenylether	15.18	204	2129953	54.488	nq	100
62) 4-Nitroaniline	15.22	138	1091431	55.749	nq	99
63) Azobenzene	15.47	77	4373046	64.223	nq	100
65) 4,6-Dinitro-2-methylphenol	15.29	198	718553	66.126	nq	98
66) n-Nitrosodiphenylamine	15.40	169	3684739	51.983	nq	100
67) 4-Bromophenyl-phenylether	16.07	248	1385654	53.693	nq	98
68) Hexachlorobenzene	16.19	284	1676164	55.694	nq	100
69) Atrazine	16.36	200	836448	36.299	nq	98
70) Pentachlorophenol	16.53	266	826385	51.488	nq	99
71) Phenanthrene	16.92	178	6795978	51.908	nq	100
72) Anthracene	17.01	178	6636083	52.300	nq	99
73) Carbazole	17.29	167	6263725	53.049	nq	100
74) Di-n-butylphthalate	17.86	149	7733227	57.761	nq	100
75) Fluoranthene	18.94	202	7829616	52.997	nq	99
77) Benzidine	19.14	184	1951890	30.265	nq	99
78) Pyrene	19.31	202	8018100	52.043	nq	100
80) Butylbenzylphthalate	20.24	149	3736157	63.808	nq	95
81) Benzo(a)anthracene	21.07	228	7967692	52.293	nq	100
82) 3,3'-Dichlorobenzidine	21.01	252	2892760	53.536	nq	99
83) Chrysene	21.12	228	7588379	51.372	nq	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	5284478	60.911	nq	99
85) Di-n-octyl phthalate	21.88	149	8824760	63.822	nq	100
86) Indeno(1,2,3-cd)pyrene	25.34	276	9600229	54.452	nq	# 100
88) Benzo(b)fluoranthene	22.59	252	8729776	52.449	nq	99
89) Benzo(k)fluoranthene	22.63	252	8440472	51.108	nq	99
90) Benzo(a)pyrene	23.13	252	8072321	52.633	nq	99
91) Dibenzo(a,h)anthracene	25.34	278	7984141	49.768	nq	99
92) Benzo(g,h,i)perylene	25.98	276	7451799	48.905	nq	99

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

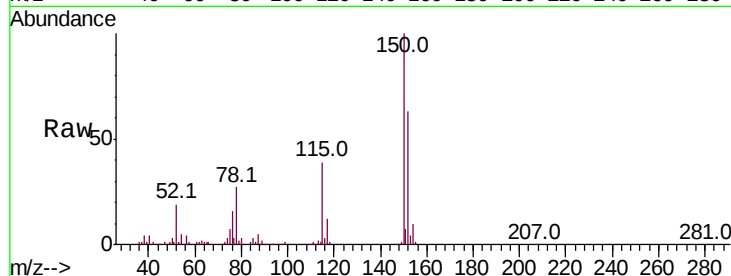


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 776
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.0	187.6
115	61.5	49.8	74.6

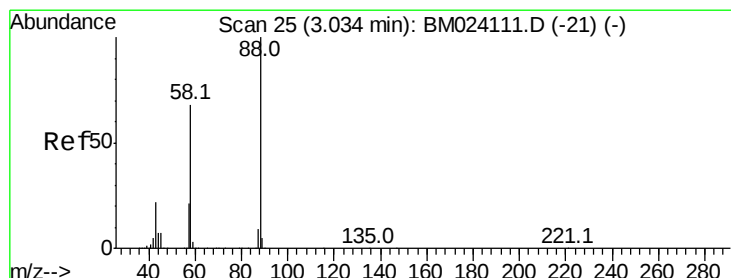
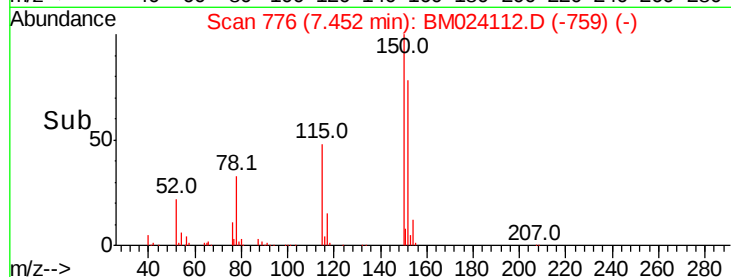
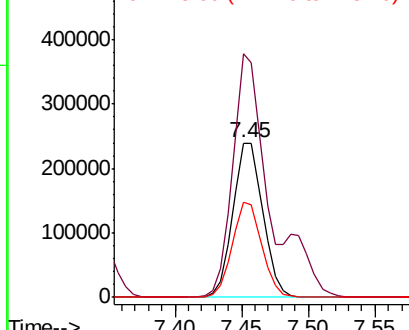


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

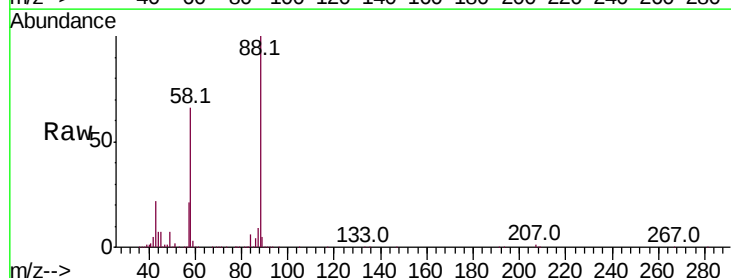
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.478 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	0.0	0.0#
43	22.9	0.0	0.0#

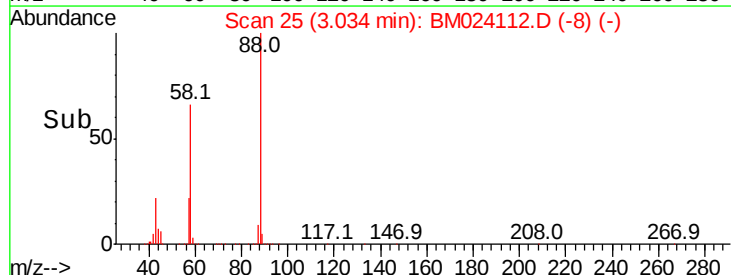
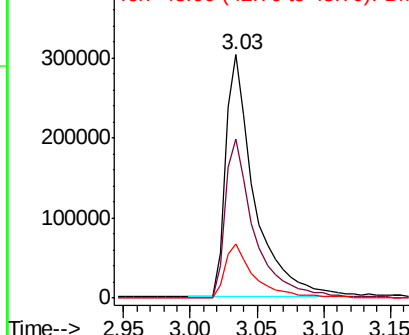


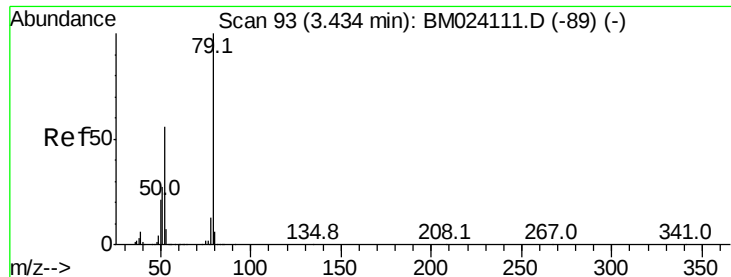
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 48.676 ng

RT: 3.43 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

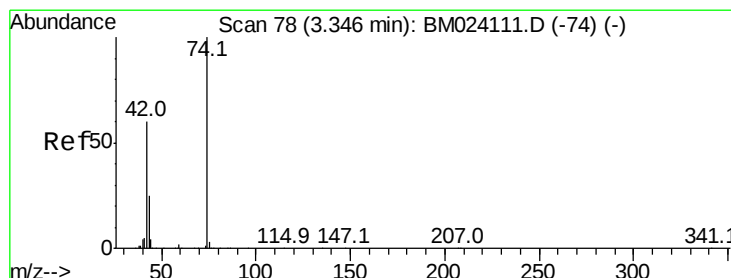
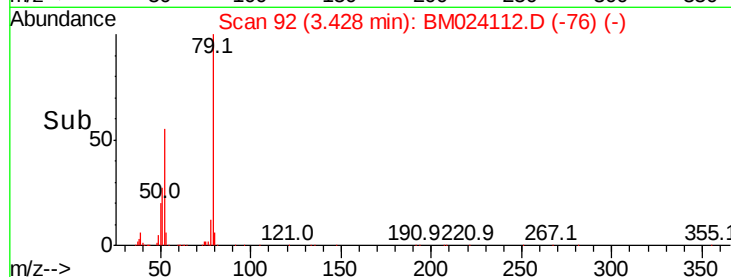
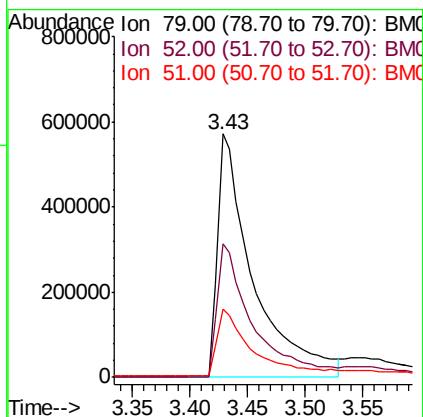
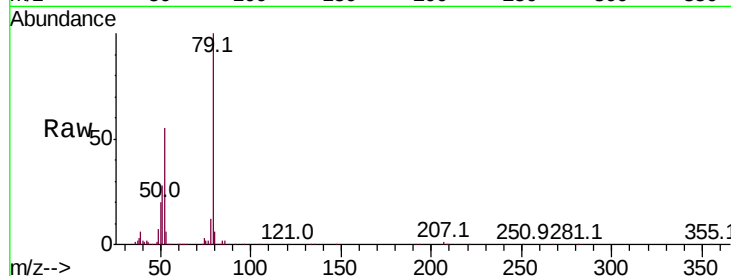
Tot Ion: 79 Resp: 1222529

Ion Ratio Lower Upper

79 100

52 55.0 44.5 66.7

51 28.2 22.6 33.8



#4

n-Nitrosodimethylamine

Concen: 47.138 ng

RT: 3.35 min Scan# 78

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

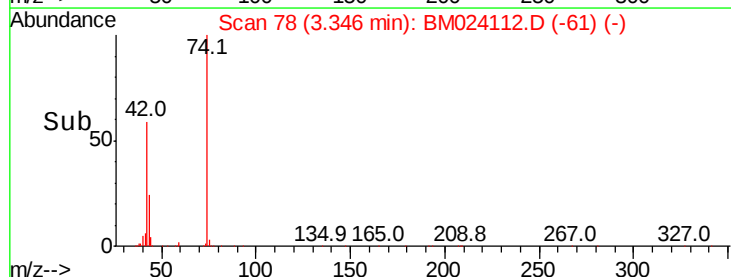
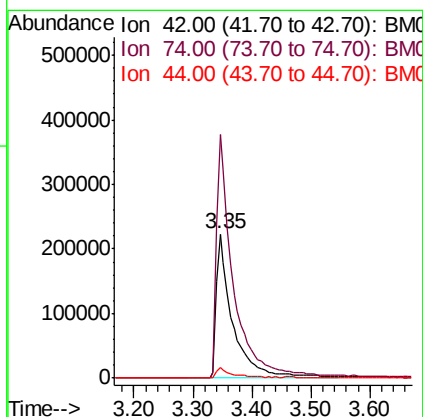
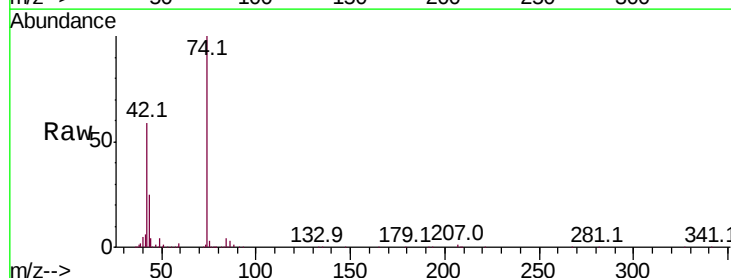
Tgt Ion: 42 Resp: 430987

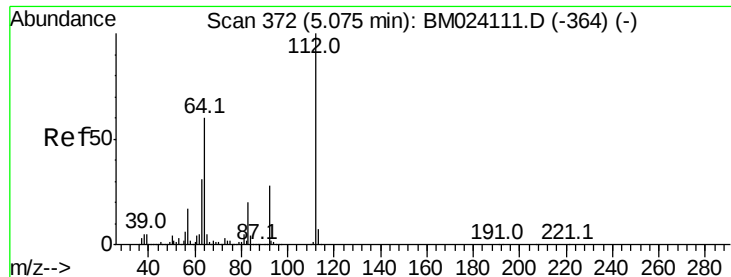
Ion Ratio Lower Upper

42 100

74 169.0 133.6 200.4

44 7.1 5.4 8.0





#5

2-Fluorophenol

Concen: 90.252 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

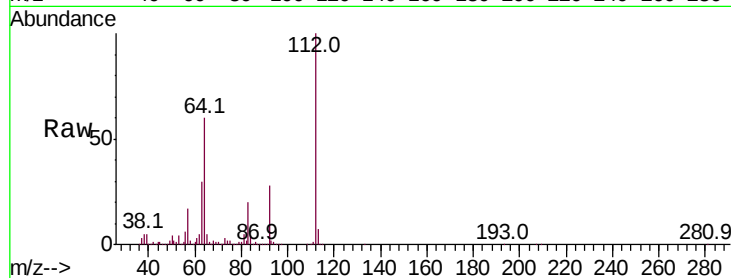
Tot Ion:112 Resp: 2137168

Ion Ratio Lower Upper

112 100

64 59.6 48.4 72.6

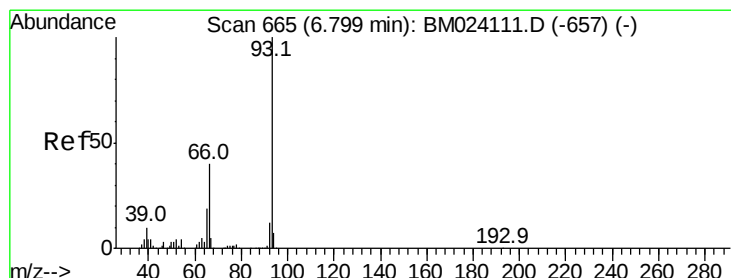
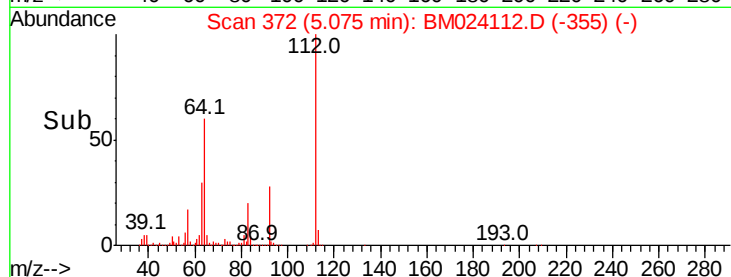
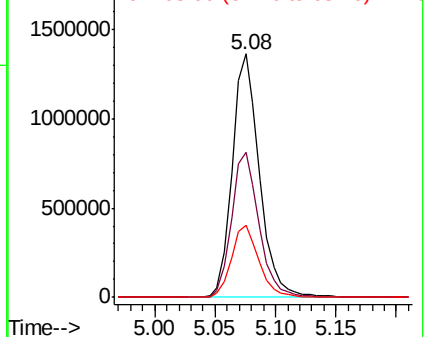
63 29.5 24.4 36.6



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: 57.799 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

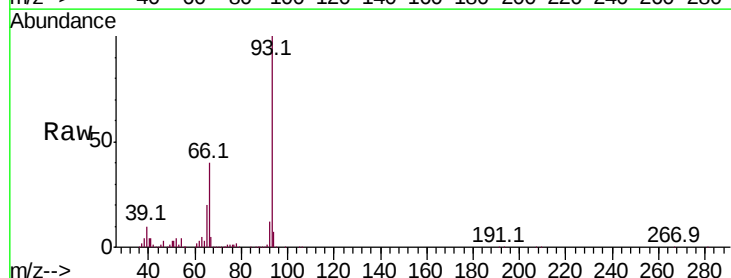
Tgt Ion: 93 Resp: 2107870

Ion Ratio Lower Upper

93 100

66 40.0 32.0 48.0

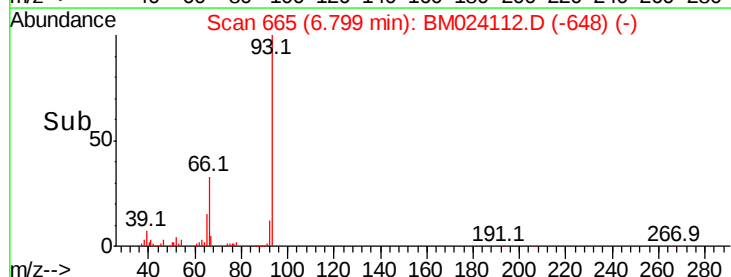
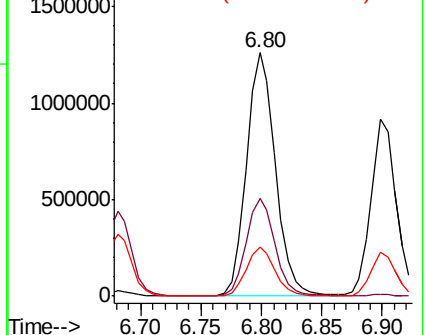
65 20.0 15.4 23.0

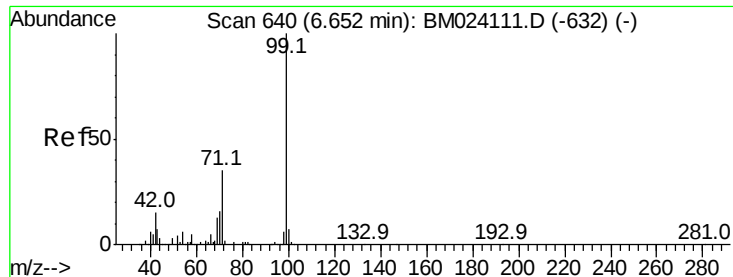


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 107.843 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

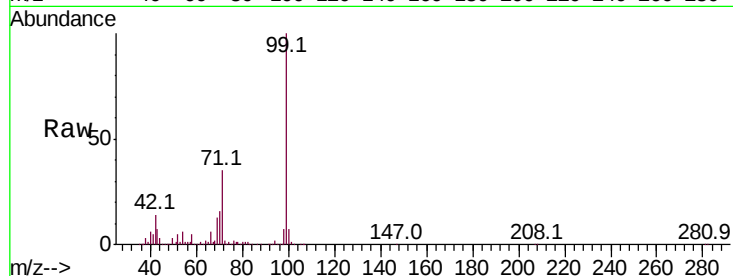
Tot Ion: 99 Resp: 3279979

Ion Ratio Lower Upper

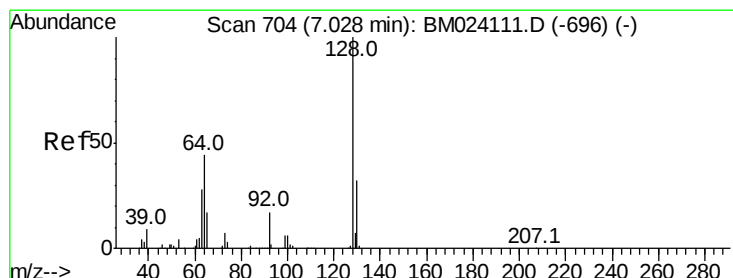
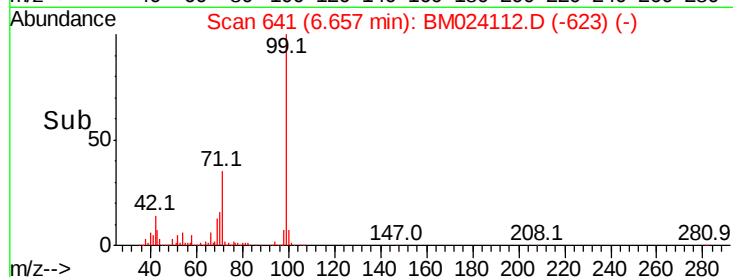
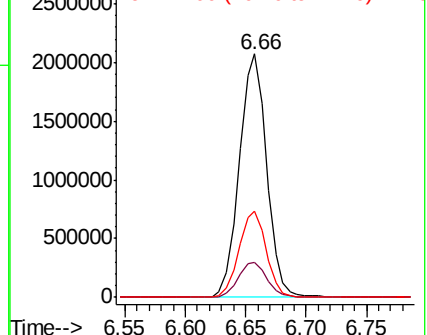
99 100

42 14.3 11.9 17.9

71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 52.406 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

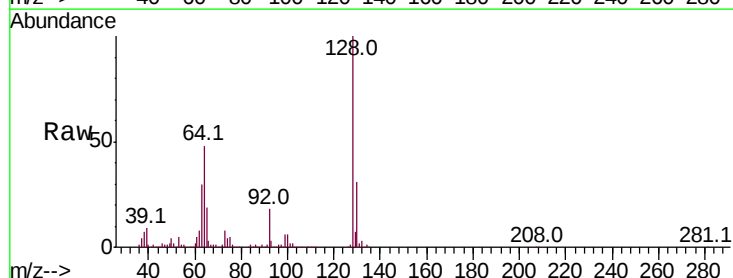
Tgt Ion:128 Resp: 1264388

Ion Ratio Lower Upper

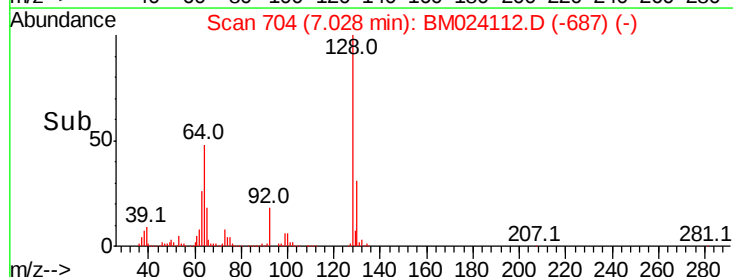
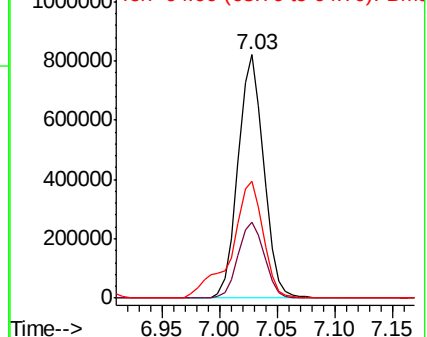
128 100

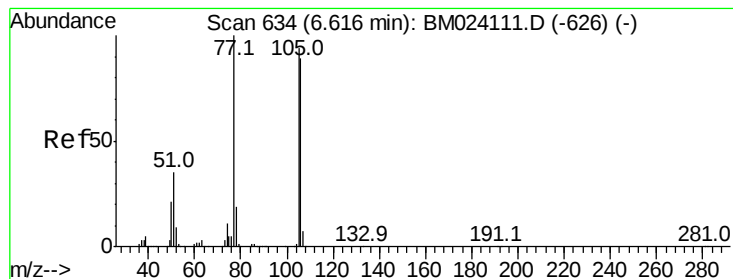
130 31.3 12.0 52.0

64 47.8 28.9 68.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 44.263 ng

RT: 6.61 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

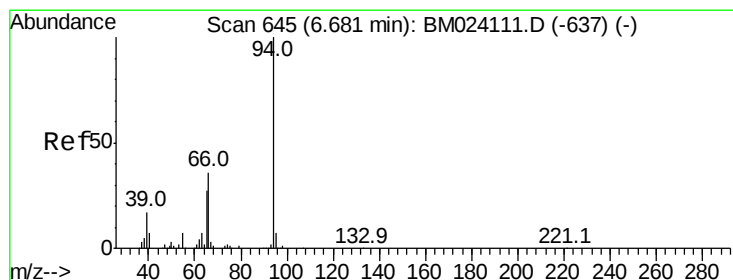
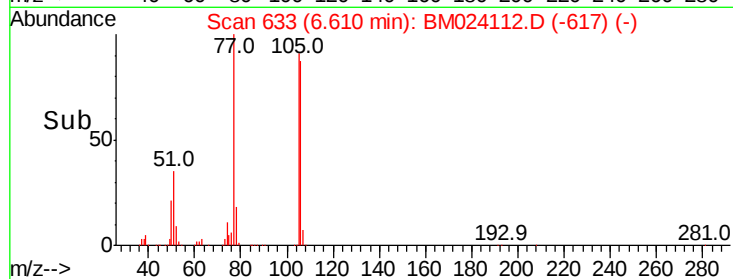
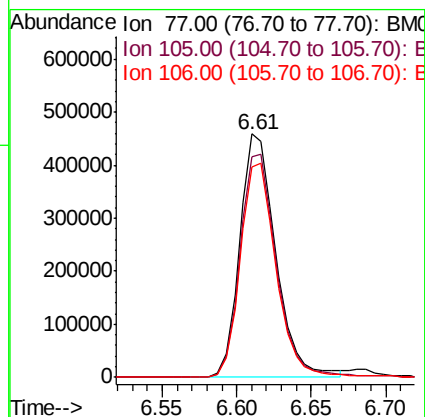
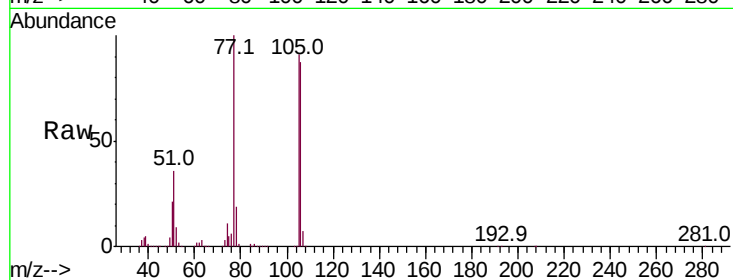
Tot Ion: 77 Resp: 766547

Ion Ratio Lower Upper

77 100

105 90.7 73.9 113.9

106 86.6 69.3 109.3



#10

Phenol

Concen: 59.462 ng

RT: 6.68 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

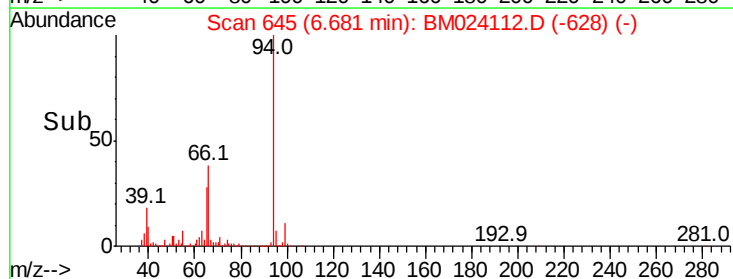
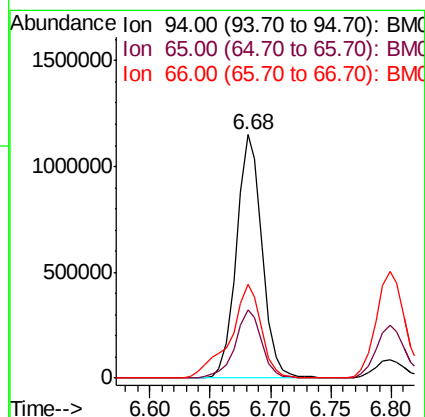
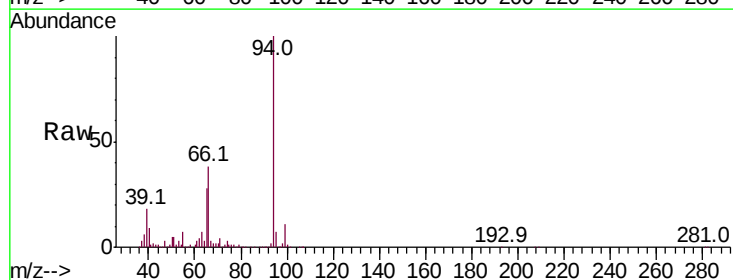
Tgt Ion: 94 Resp: 1702615

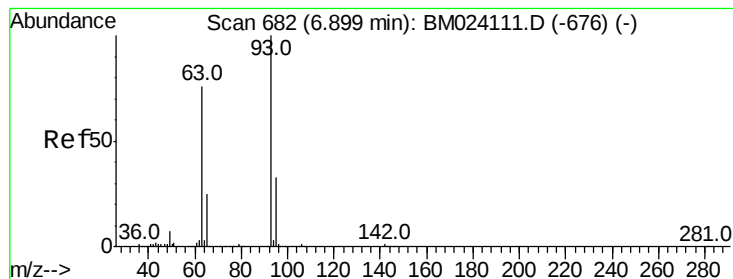
Ion Ratio Lower Upper

94 100

65 27.9 7.3 47.3

66 38.4 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 58.619 ng

RT: 6.90 min Scan# 682

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

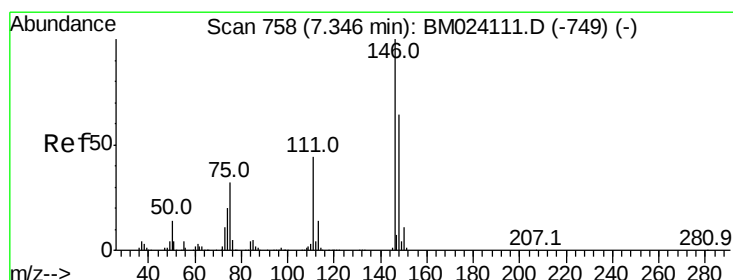
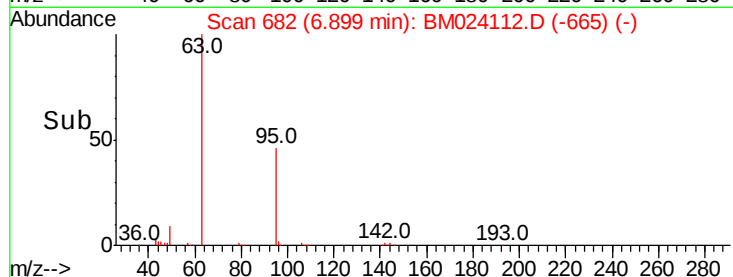
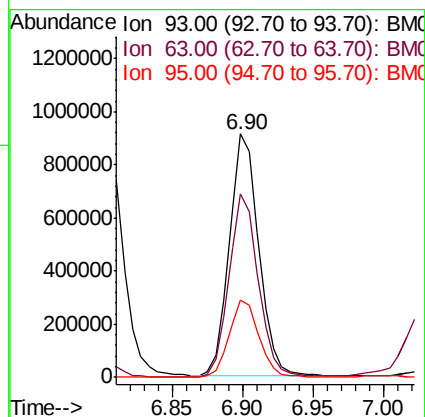
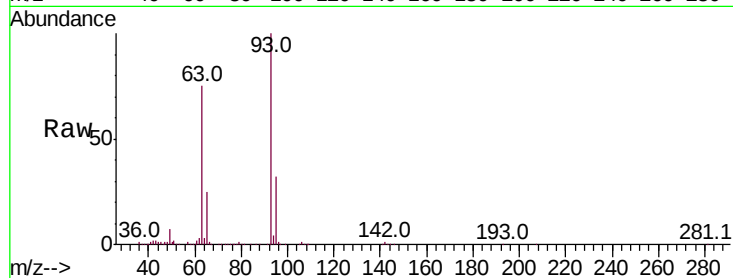
Tot Ion: 93 Resp: 1318727

Ion Ratio Lower Upper

93 100

63 75.3 55.0 95.0

95 31.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 49.401 ng

RT: 7.35 min Scan# 758

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

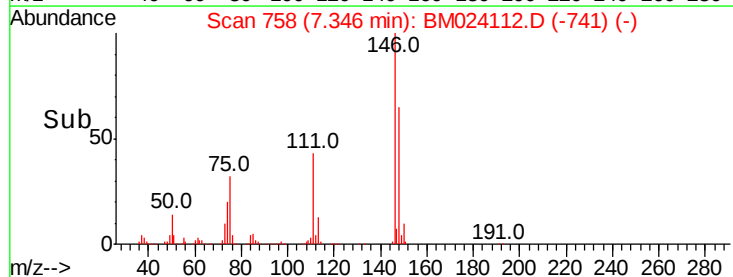
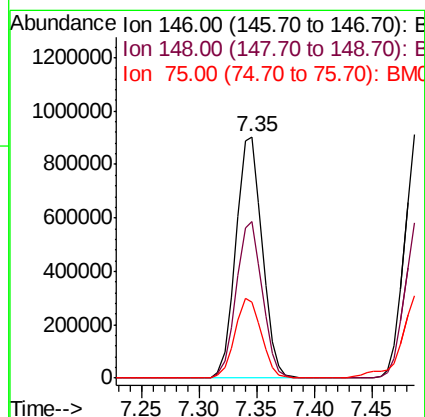
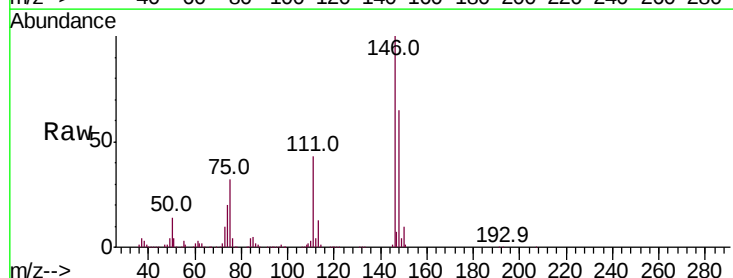
Tgt Ion: 146 Resp: 1424539

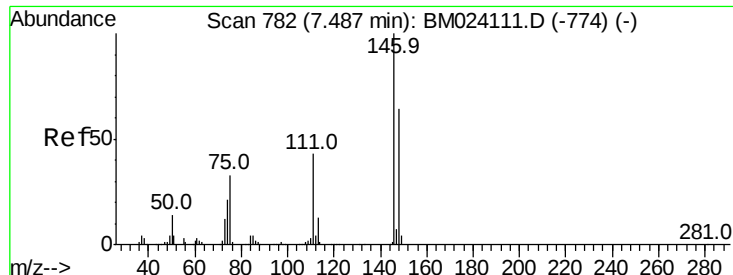
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

75 31.7 25.5 38.3

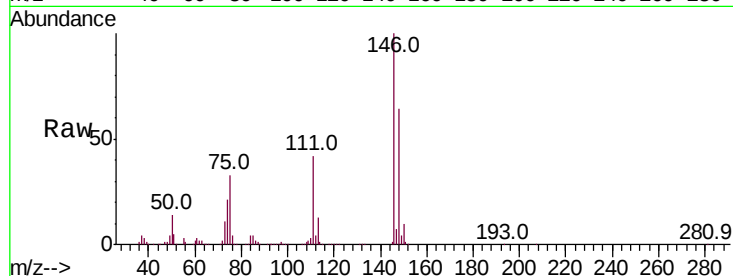




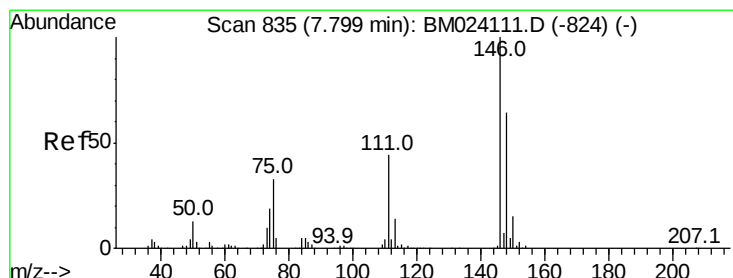
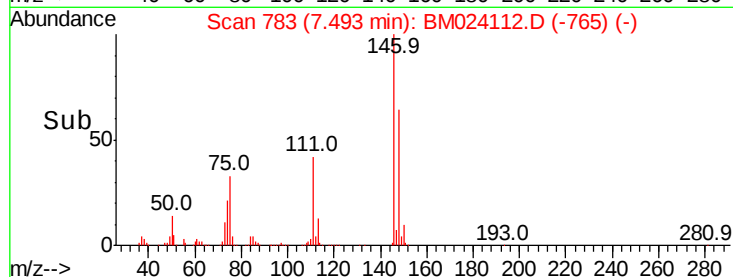
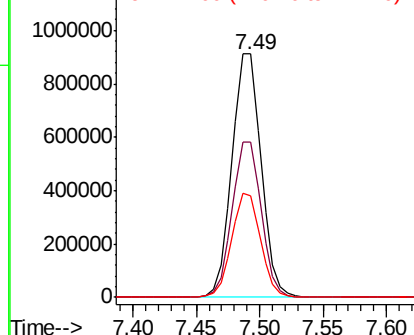
#13
1,4-Dichlorobenzene
Concen: 49.613 ng
RT: 7.49 min Scan# 783
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:146 Resp: 1448350
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 41.7 34.2 51.4

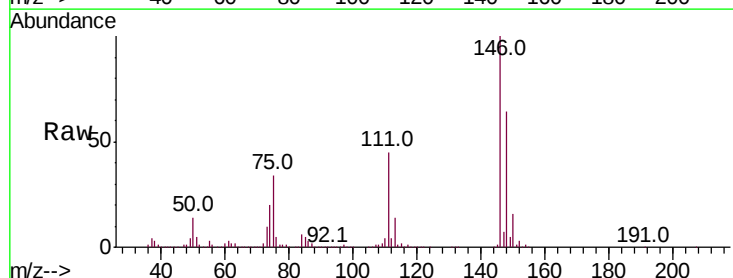


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

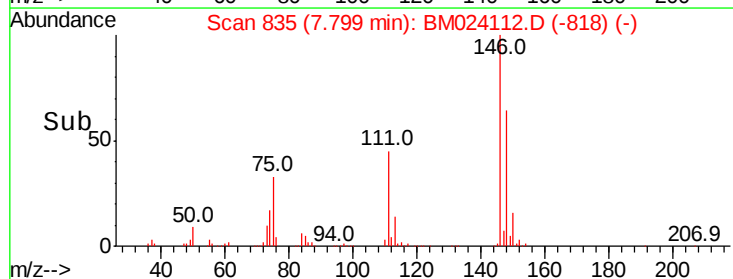
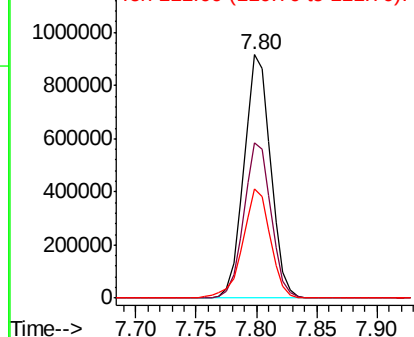


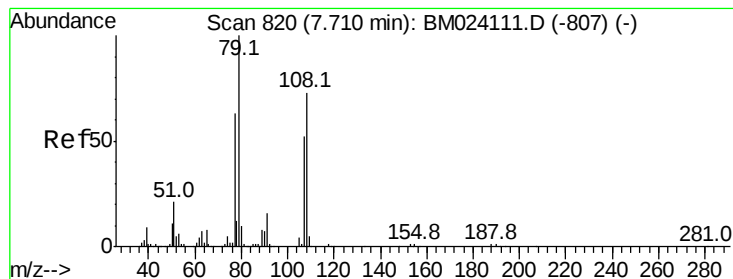
#14
1,2-Dichlorobenzene
Concen: 50.768 ng
RT: 7.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:146 Resp: 1412963
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 45.0 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 68.322 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampled :

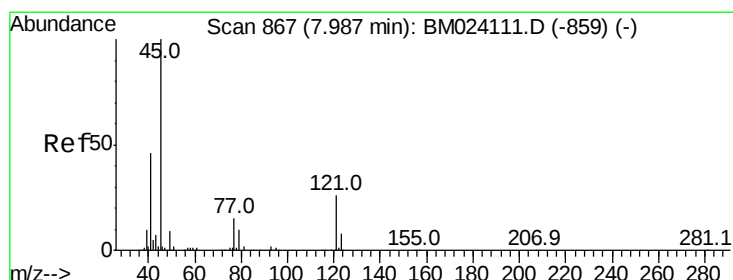
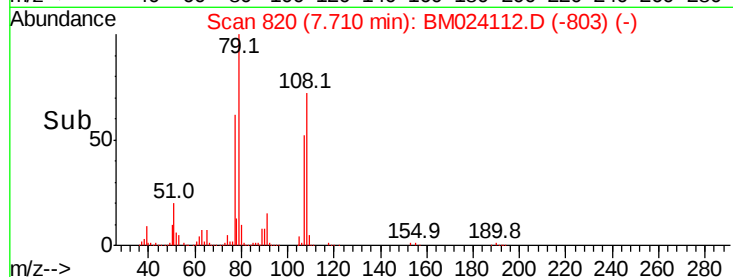
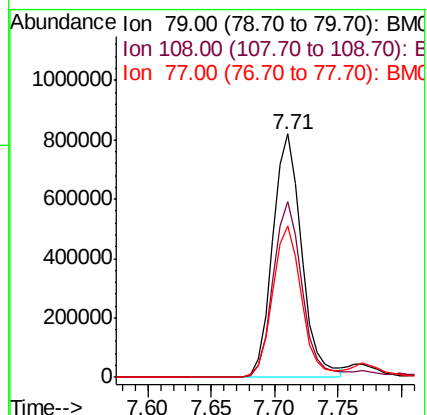
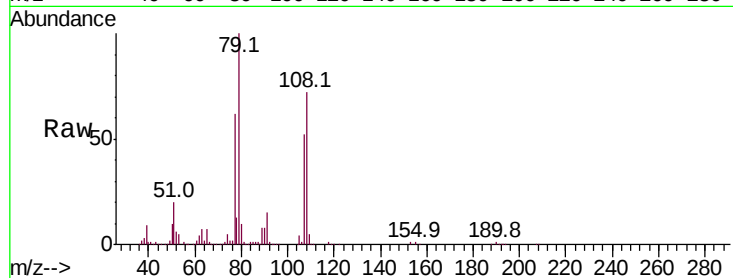
Tot Ion: 79 Resp: 1300259

Ion Ratio Lower Upper

79 100

108 72.1 58.7 88.1

77 62.3 50.7 76.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.363 ng

RT: 7.99 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

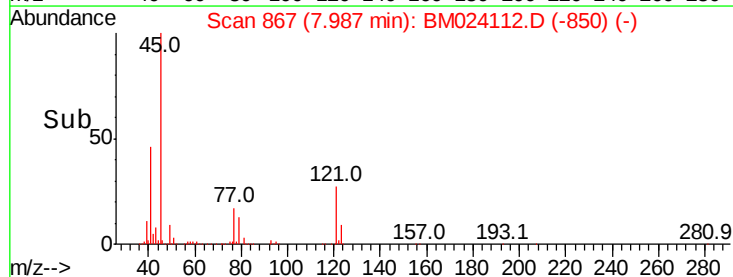
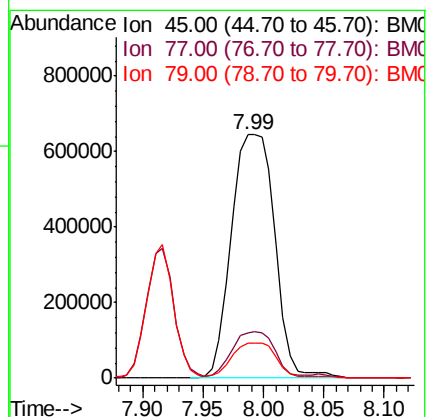
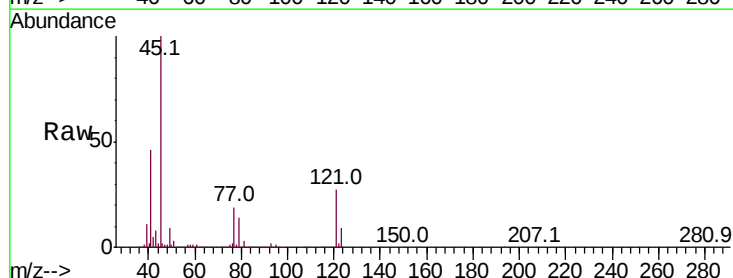
Tgt Ion: 45 Resp: 1613152

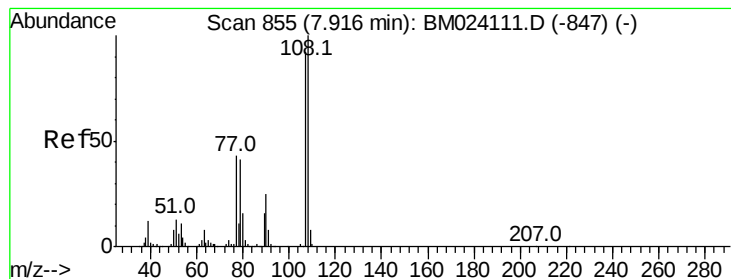
Ion Ratio Lower Upper

45 100

77 18.6 0.0 38.7

79 14.2 0.0 33.8





#17

2-Methylphenol

Concen: 60.558 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 1147753

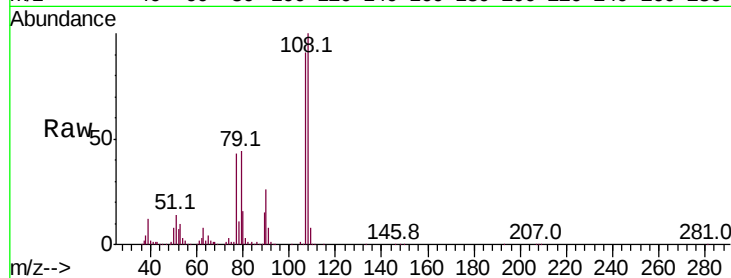
Ion Ratio Lower Upper

107 100

108 109.8 87.5 131.3

77 47.0 37.6 56.4

79 48.3 36.6 54.8

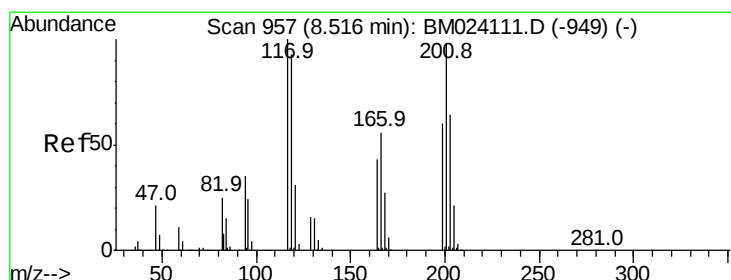
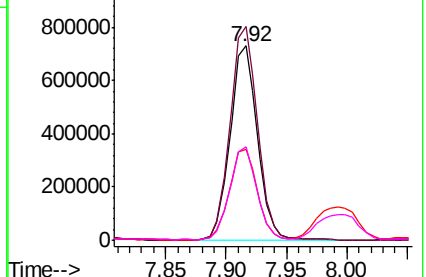
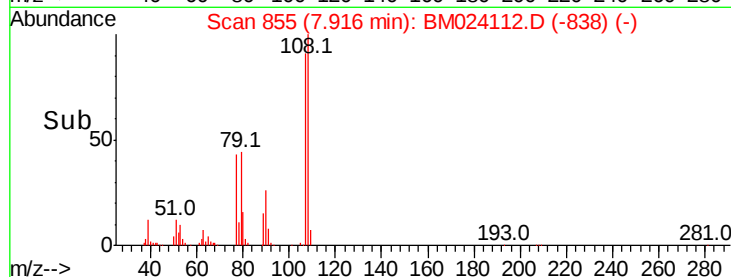


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 50.872 ng

RT: 8.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

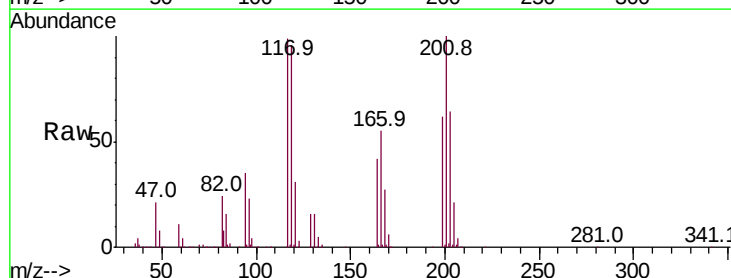
Tgt Ion:117 Resp: 544695

Ion Ratio Lower Upper

117 100

119 97.1 74.7 112.1

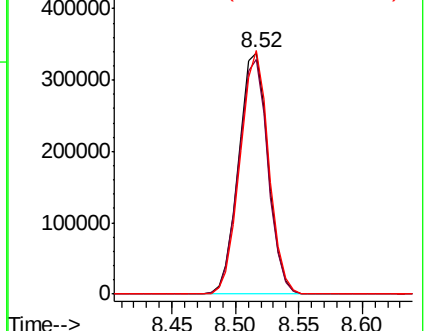
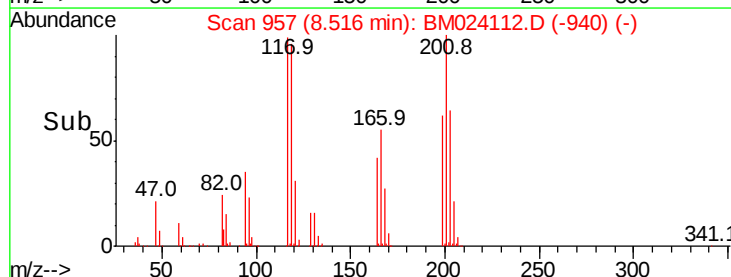
201 100.8 78.2 117.2

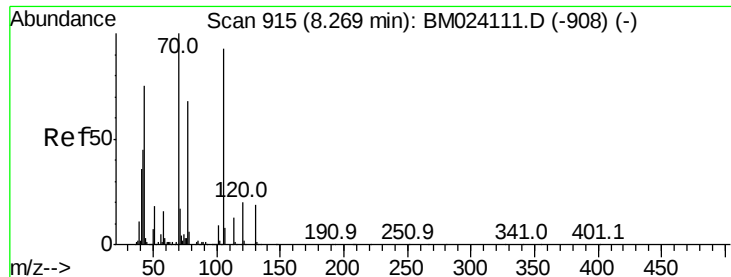


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



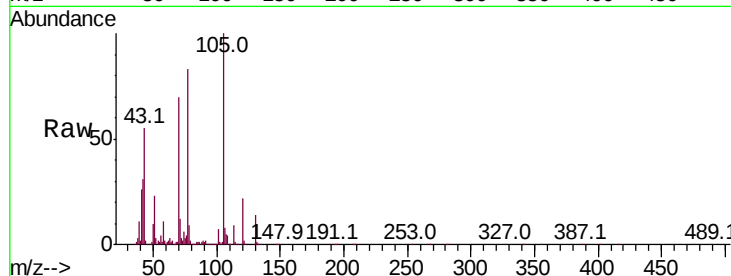


#19
n-Nitroso-di-n-propylamine
Concen: 71.987 ng
RT: 8.27 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 1222622

Ion	Ratio	Lower	Upper
70	100		
42	44.3	36.3	54.5
101	9.6	7.5	11.3
130	20.1	15.0	22.6



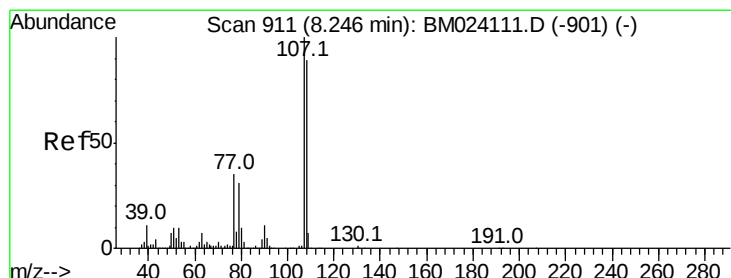
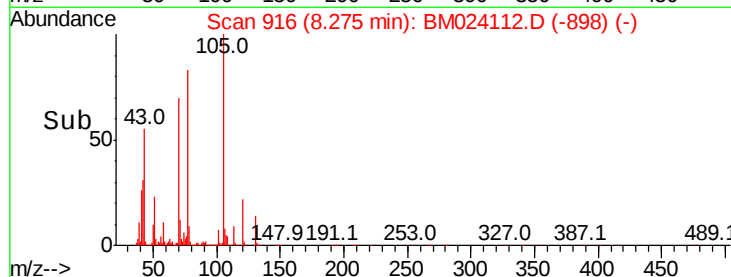
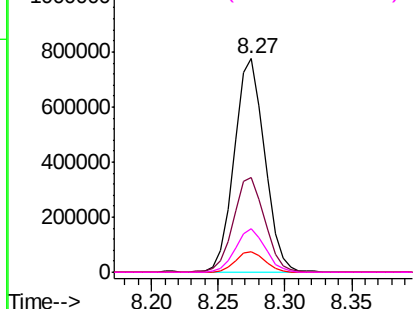
Abundance

Ion 70.00 (69.70 to 70.70): BM024112.D (-898) (-)

Ion 42.00 (41.70 to 42.70): BM024112.D (-898) (-)

Ion 101.00 (100.70 to 101.70): BM024112.D (-898) (-)

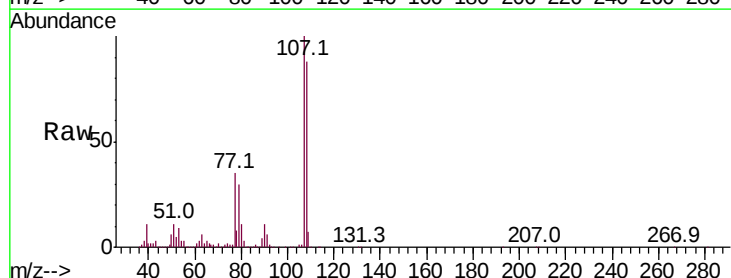
Ion 130.00 (129.70 to 130.70): BM024112.D (-898) (-)



#20
3+4-Methylphenols
Concen: 63.695 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion: 107 Resp: 1607921

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.9	108.9
77	34.6	15.1	55.1
79	30.3	10.6	50.6



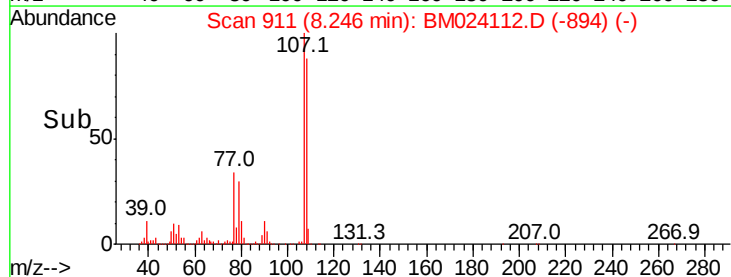
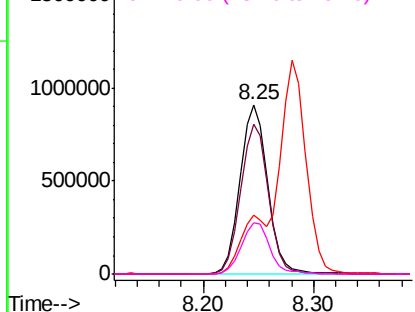
Abundance

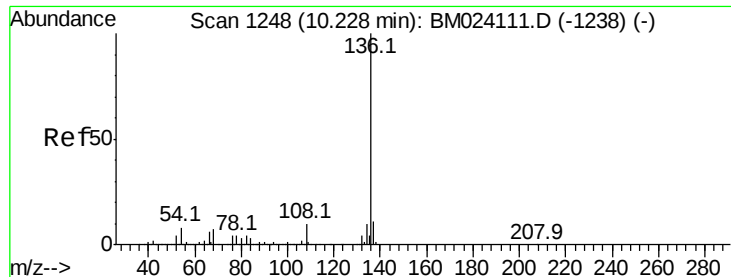
Ion 107.00 (106.70 to 107.70): BM024112.D (-894) (-)

Ion 108.00 (107.70 to 108.70): BM024112.D (-894) (-)

Ion 77.00 (76.70 to 77.70): BM024112.D (-894) (-)

Ion 79.00 (78.70 to 79.70): BM024112.D (-894) (-)

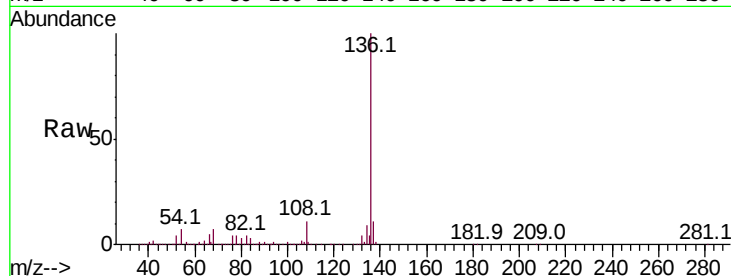




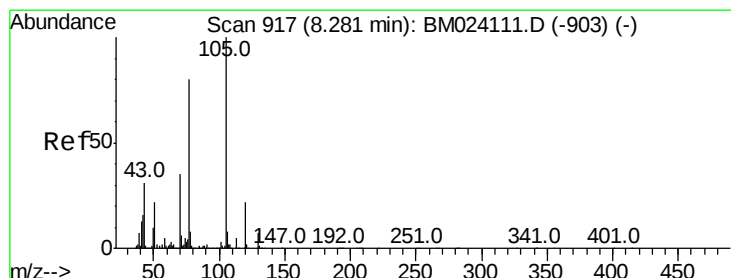
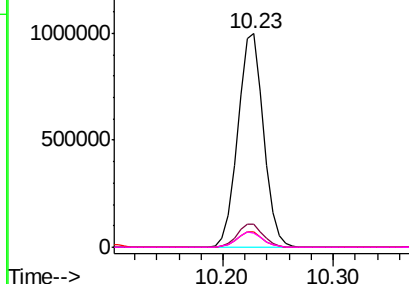
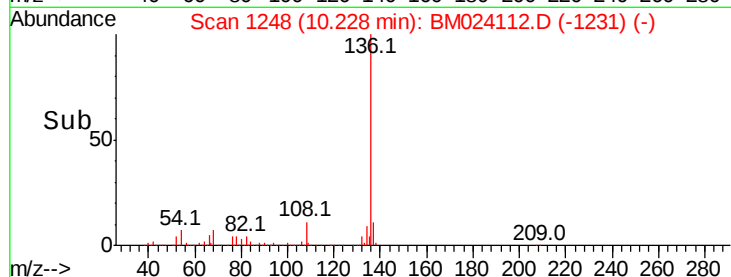
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1631163
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.1 6.0 9.0
68 6.8 5.8 8.6

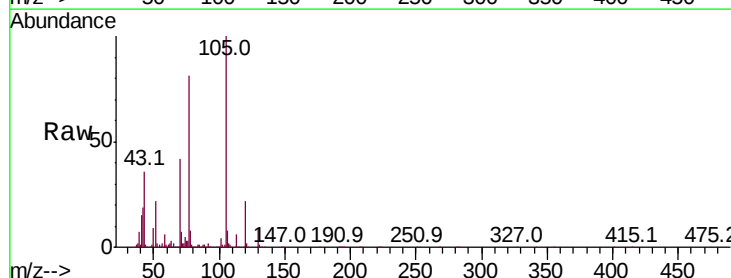


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

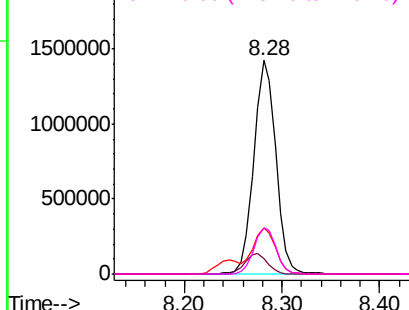
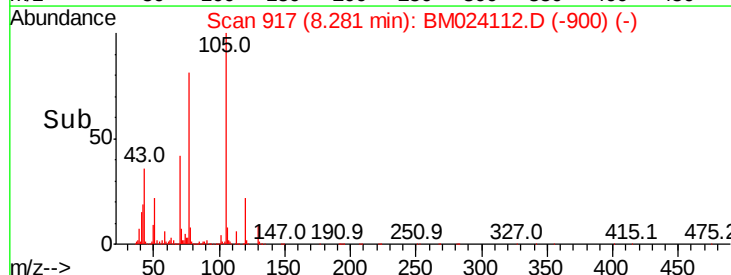


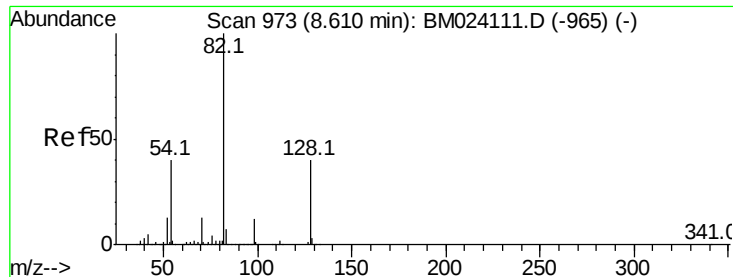
#22
Acetophenone
Concen: 55.912 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:105 Resp: 2251240
Ion Ratio Lower Upper
105 100
71 7.1 4.6 6.8#
51 21.8 17.4 26.2
120 21.8 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

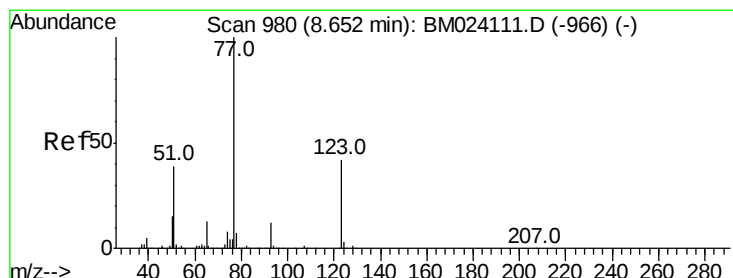
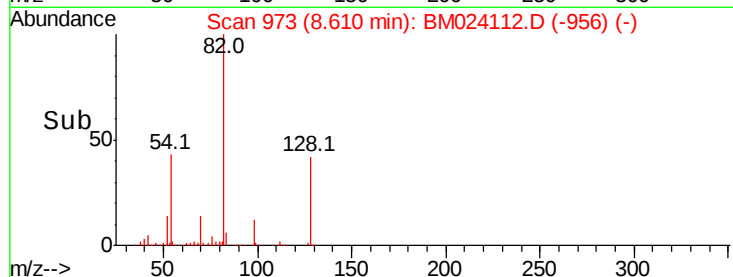
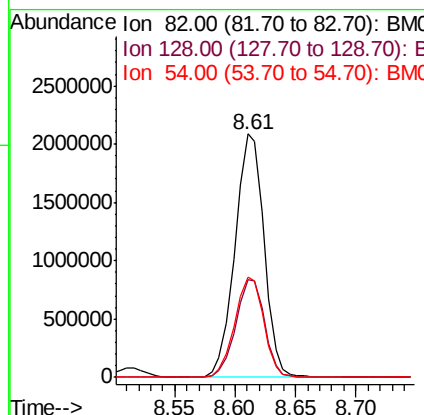
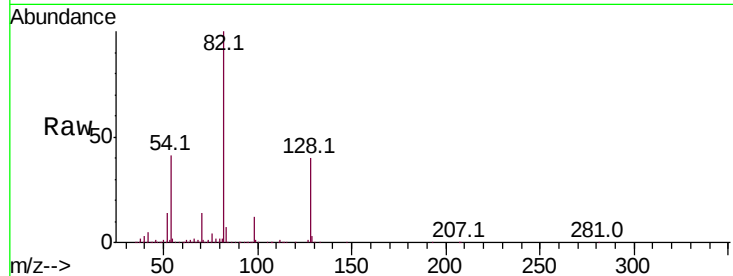




#23
 Nitrobenzene-d5
 Concen: 119.529 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

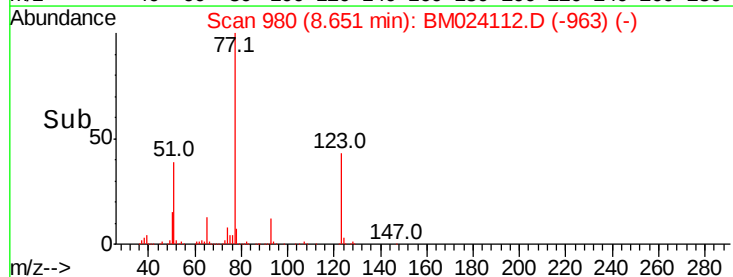
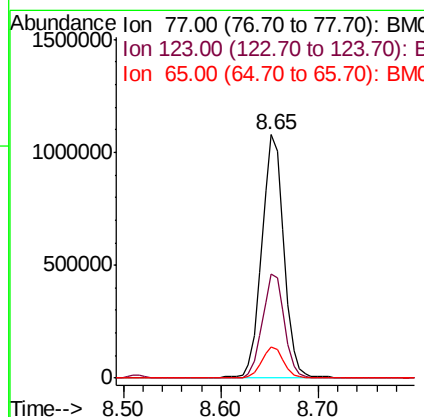
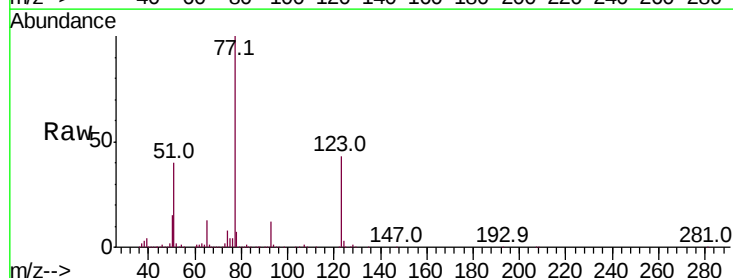
Instrument :
 BNA_M
 ClientSampled :

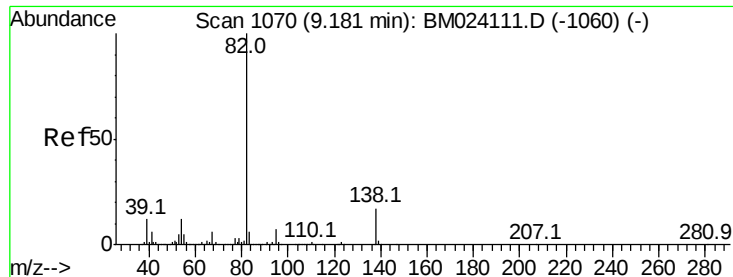
Tot Ion: 82 Resp: 3512349
 Ion Ratio Lower Upper
 82 100
 128 40.3 31.8 47.8
 54 41.3 32.2 48.2



#24
 Nitrobenzene
 Concen: 61.055 ng
 RT: 8.65 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion: 77 Resp: 1716587
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.8 50.6
 65 12.8 10.3 15.5





#25

Isophorone

Concen: 65.823 ng

RT: 9.18 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

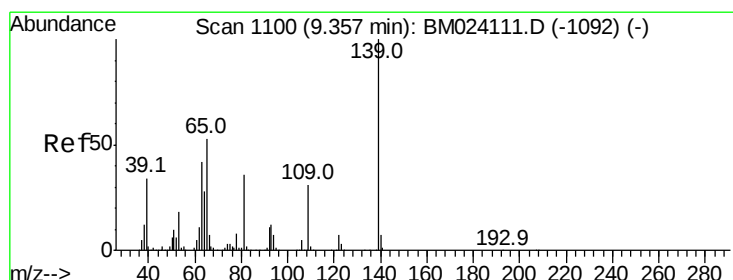
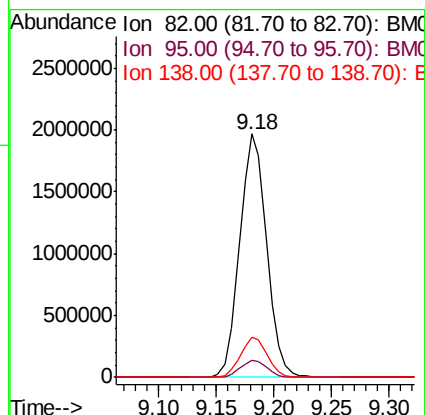
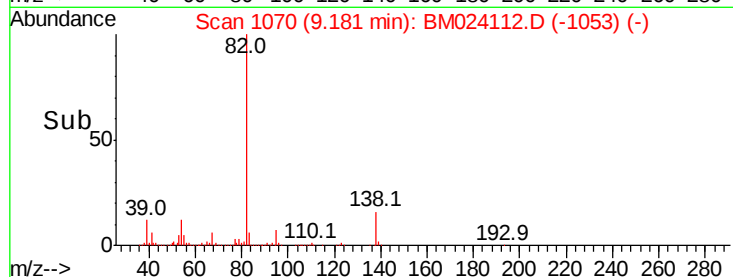
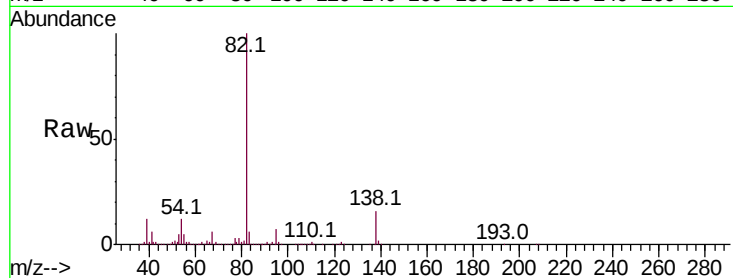
Tot Ion: 82 Resp: 3180312

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 16.4 13.3 19.9



#26

2-Nitrophenol

Concen: 62.541 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

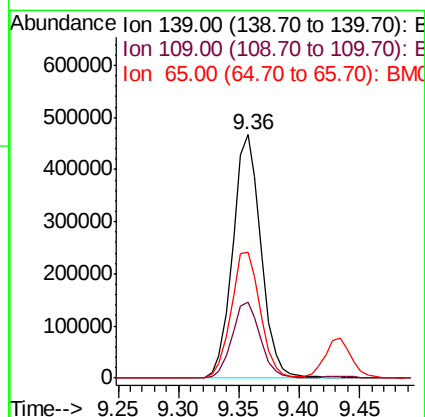
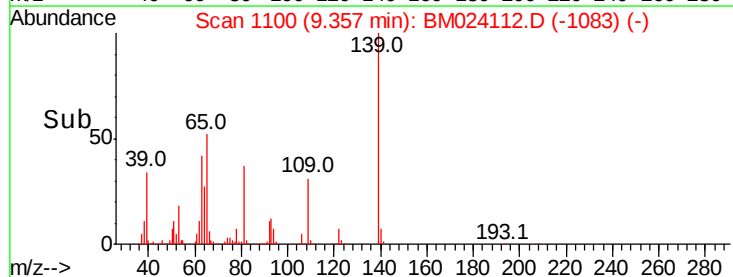
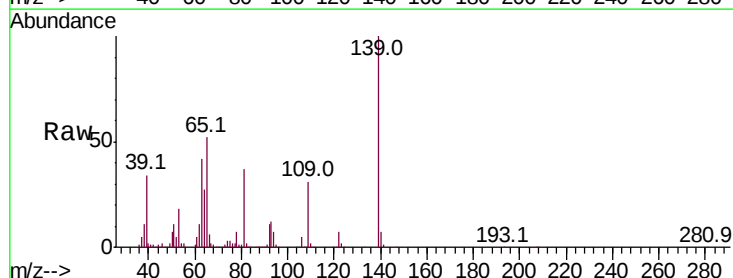
Tgt Ion: 139 Resp: 759083

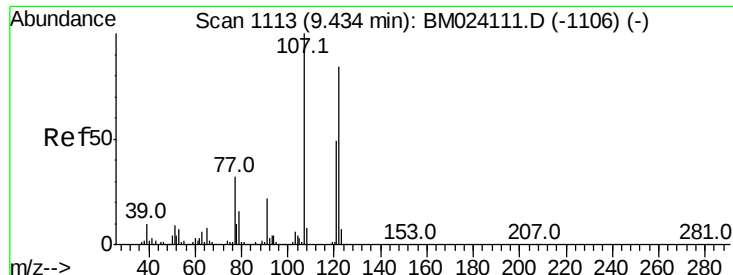
Ion Ratio Lower Upper

139 100

109 31.1 24.5 36.7

65 51.9 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 53.818 ng

RT: 9.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampled :

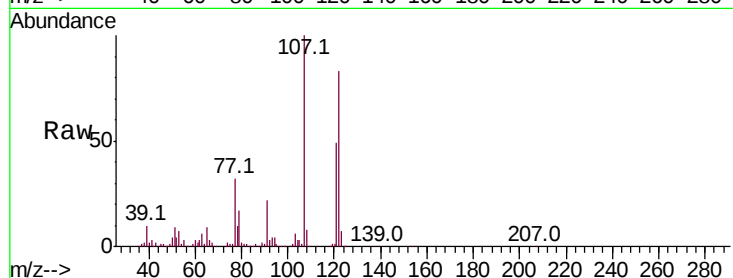
Tot Ion:122 Resp: 1093548

Ion Ratio Lower Upper

122 100

107 119.8 95.8 143.6

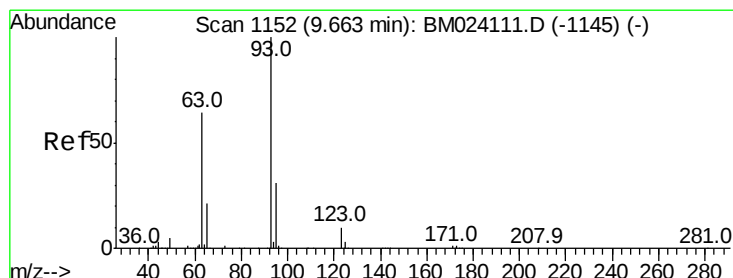
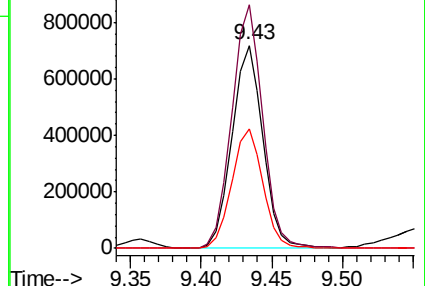
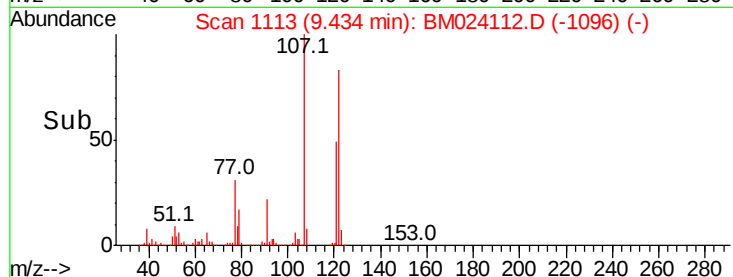
121 58.8 47.0 70.4



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: 60.223 ng

RT: 9.66 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

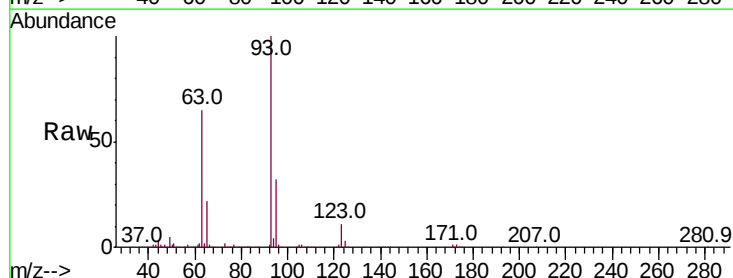
Tgt Ion: 93 Resp: 2013503

Ion Ratio Lower Upper

93 100

95 31.8 25.1 37.7

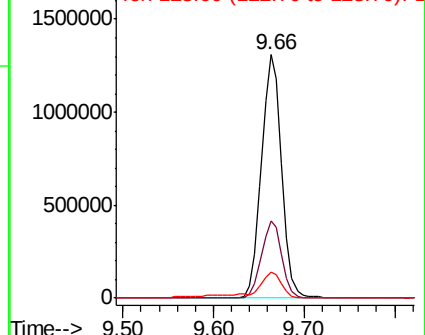
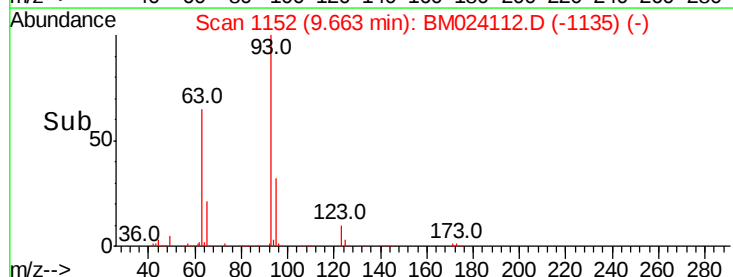
123 10.8 8.5 12.7

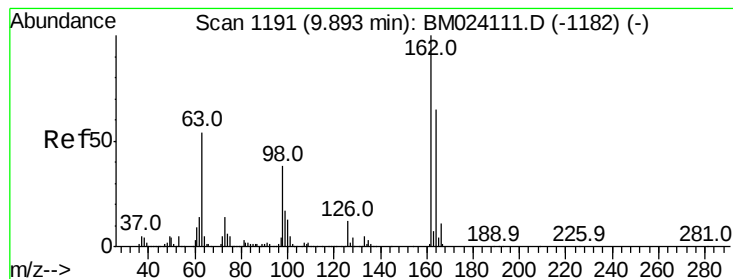


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 57.065 ng

RT: 9.89 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

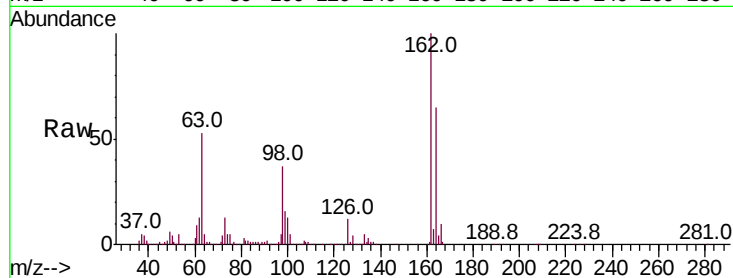
Tot Ion:162 Resp: 1310953

Ion Ratio Lower Upper

162 100

164 64.7 45.1 85.1

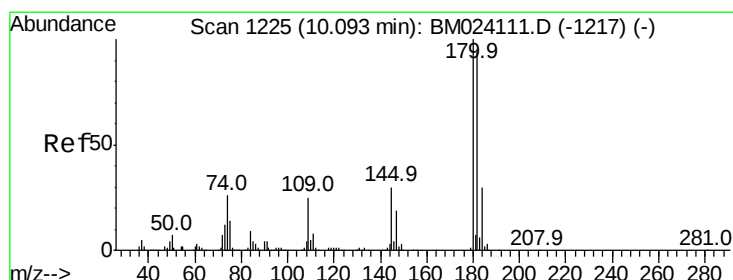
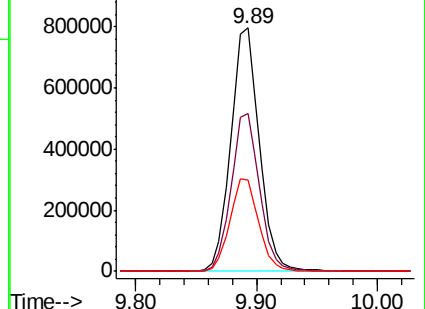
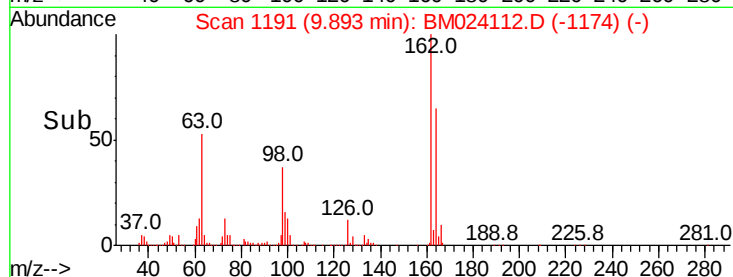
98 37.5 18.2 58.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 51.863 ng

RT: 10.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

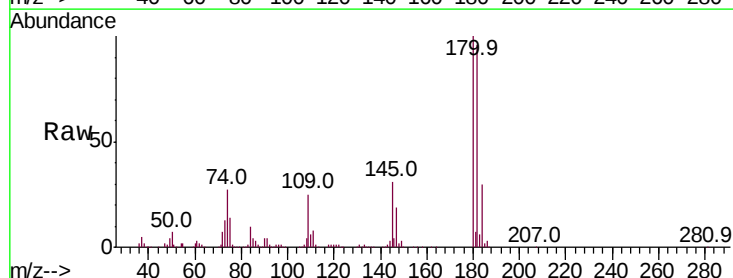
Tgt Ion:180 Resp: 1465866

Ion Ratio Lower Upper

180 100

182 95.7 75.5 113.3

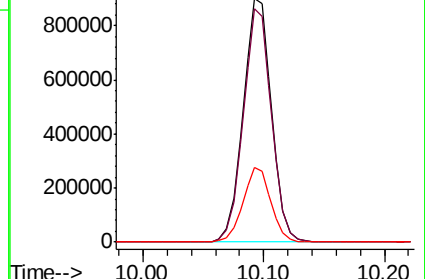
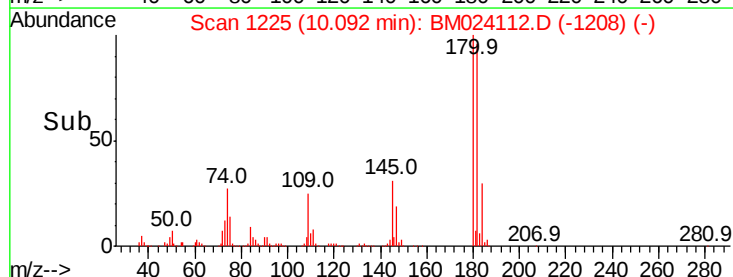
145 30.6 24.4 36.6

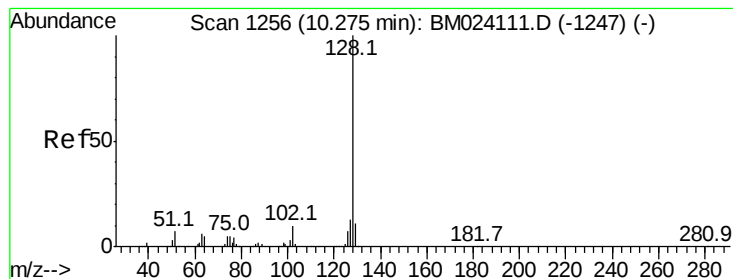


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 54.038 ng

RT: 10.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

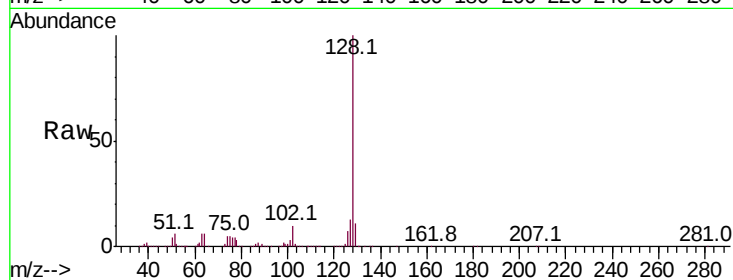
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 4355280

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.2	10.5	15.7

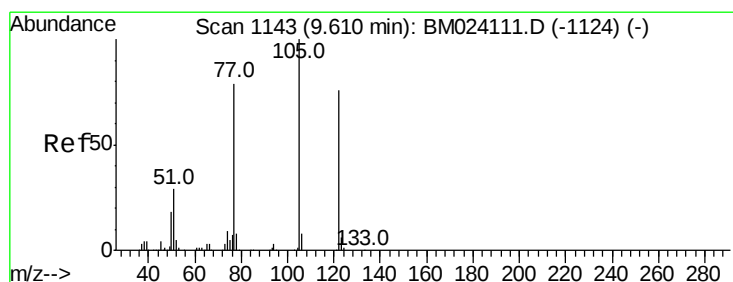
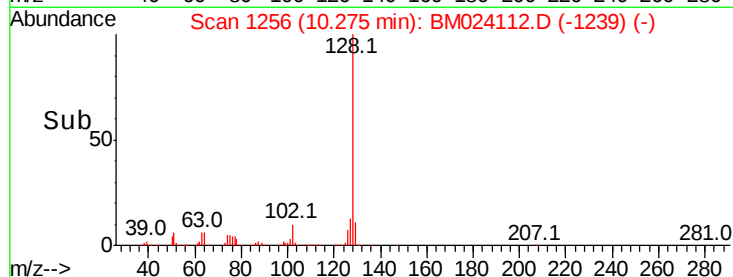
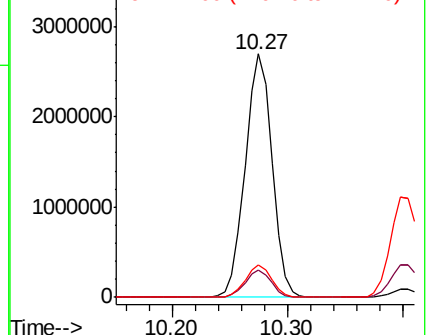


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 72.801 ng

RT: 9.63 min Scan# 1146

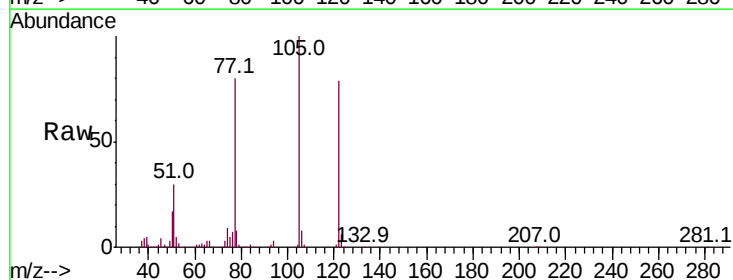
Delta R.T. 0.02 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:122 Resp: 952070

Ion	Ratio	Lower	Upper
122	100		
105	127.4	110.4	150.4
77	101.9	83.0	123.0

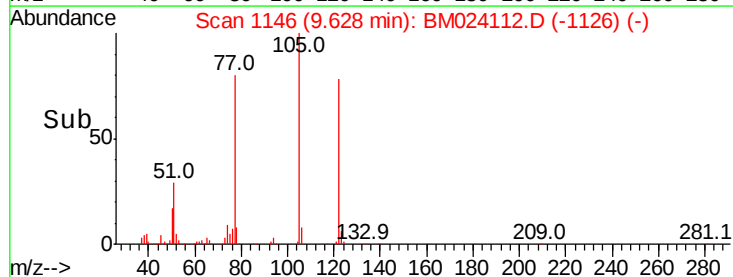
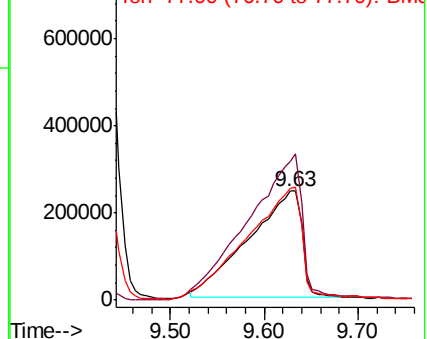


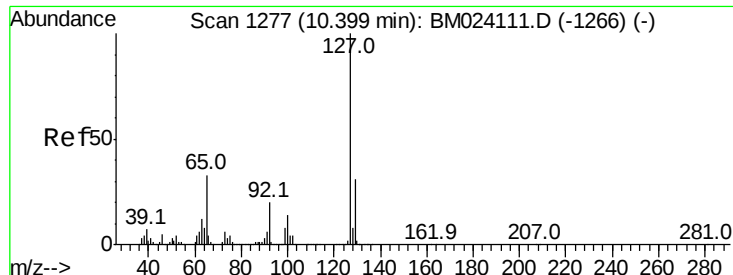
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

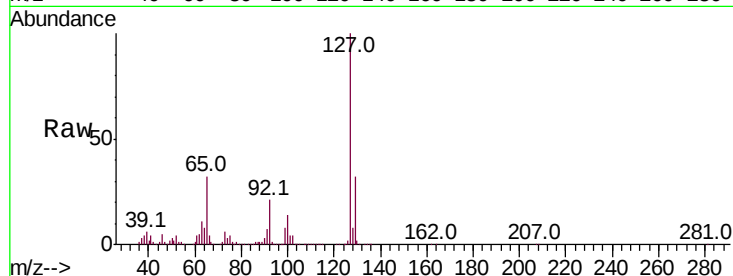




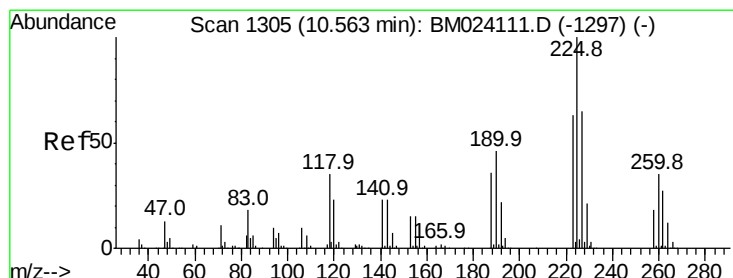
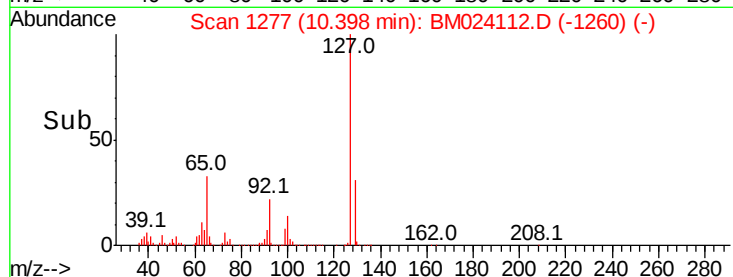
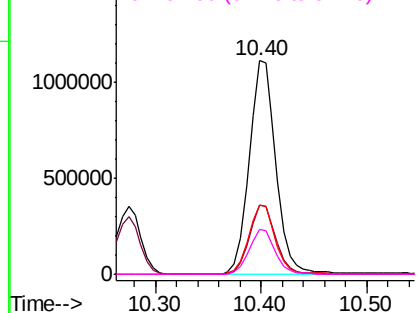
#33
4-Chloroaniline
Concen: 55.745 ng
RT: 10.40 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	1950702
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.9	37.3
65	32.2	26.2	39.4
92	21.1	16.3	24.5

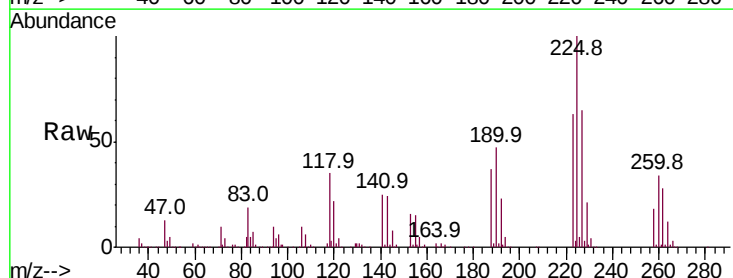


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

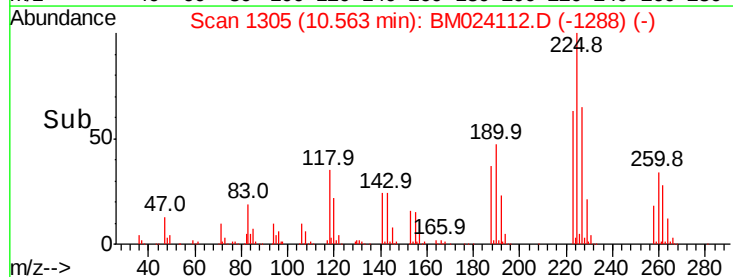
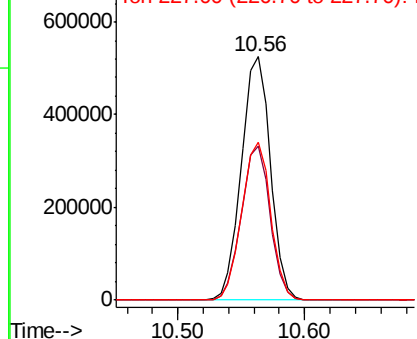


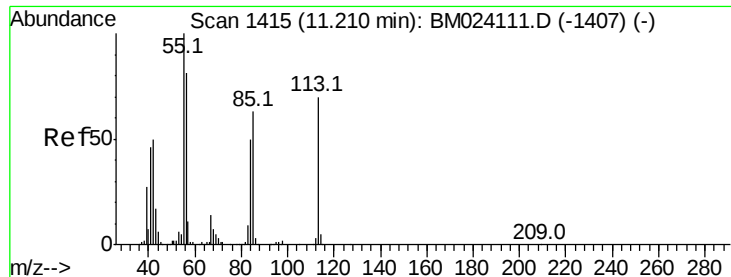
#34
Hexachlorobutadiene
Concen: 49.679 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:	225	Resp:	837026
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	64.9	52.2	78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

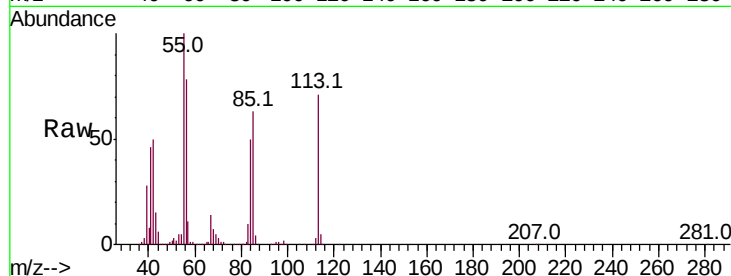




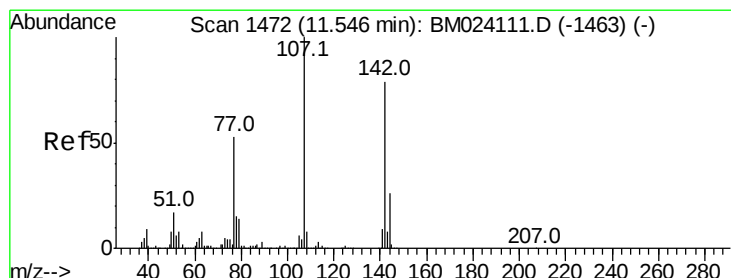
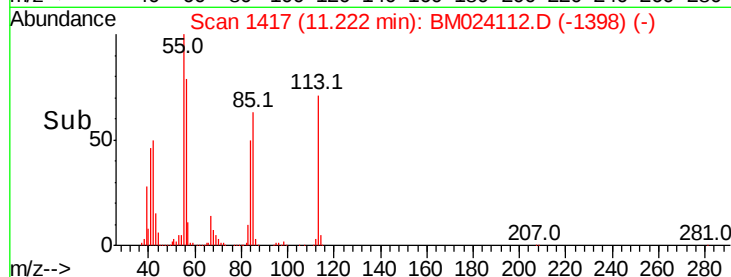
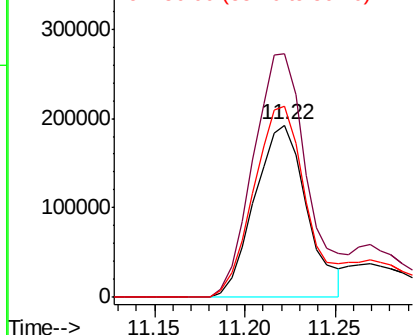
#35
Caprolactam
Concen: 56.729 ng
RT: 11.22 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:113 Resp: 386361
Ion Ratio Lower Upper
113 100
55 141.5 122.4 162.4
56 111.0 95.5 135.5

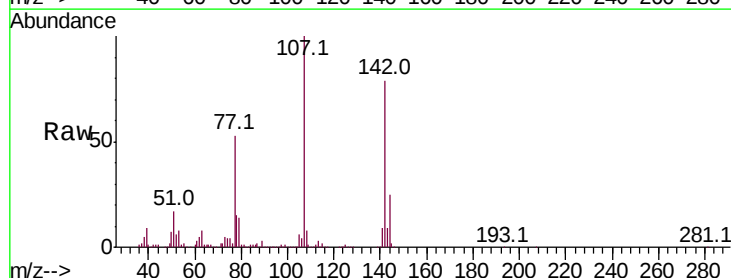


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM
Ion 56.00 (55.70 to 56.70): BM

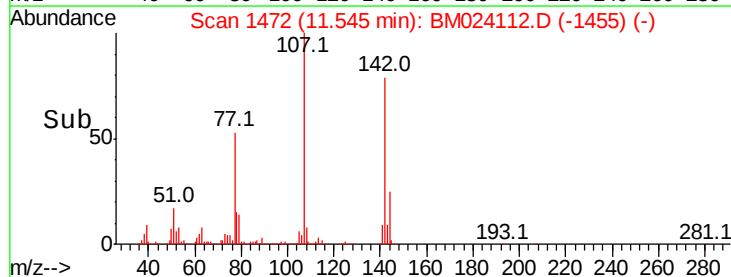
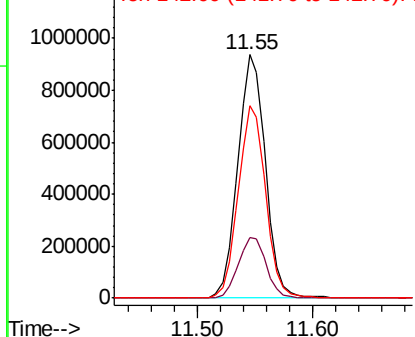


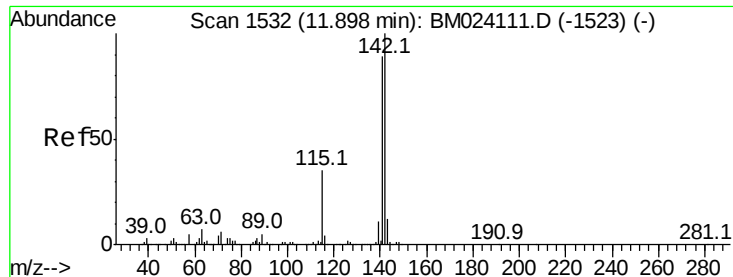
#36
4-Chloro-3-methylphenol
Concen: 69.173 ng
RT: 11.55 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:107 Resp: 1550387
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 79.1 63.6 95.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

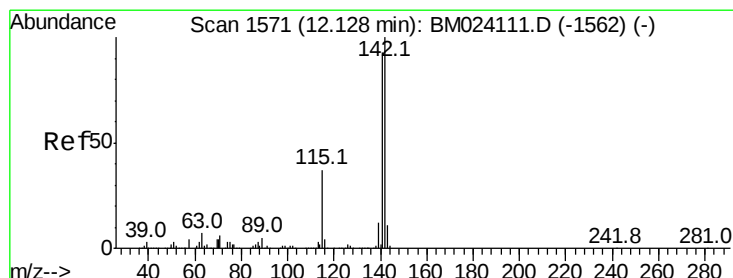
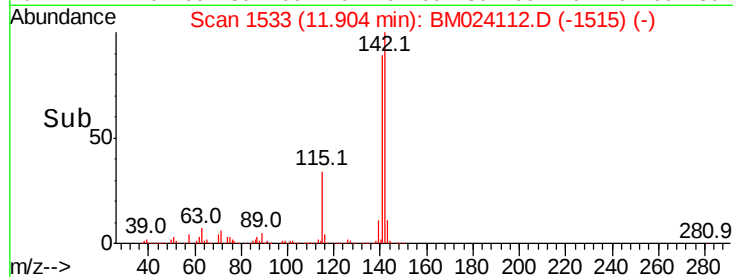
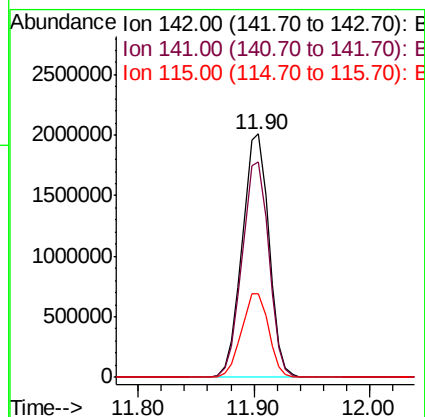
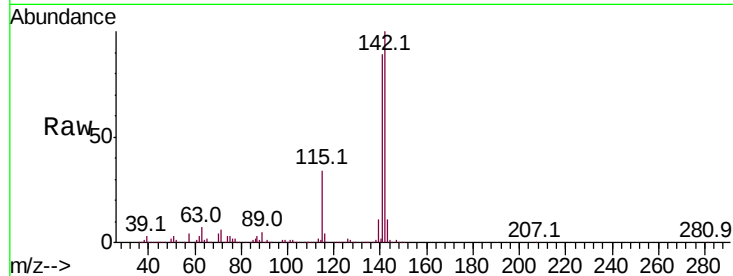




#37
2-Methylnaphthalene
Concen: 57.870 ng
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

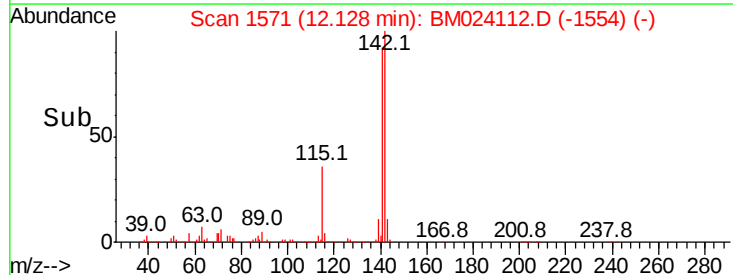
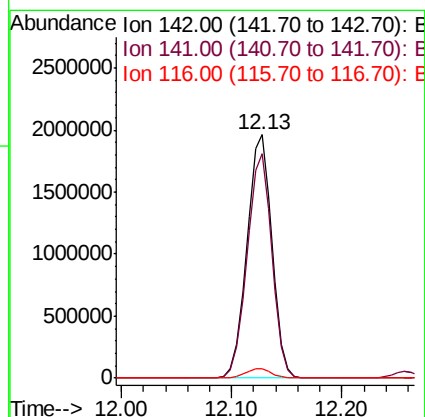
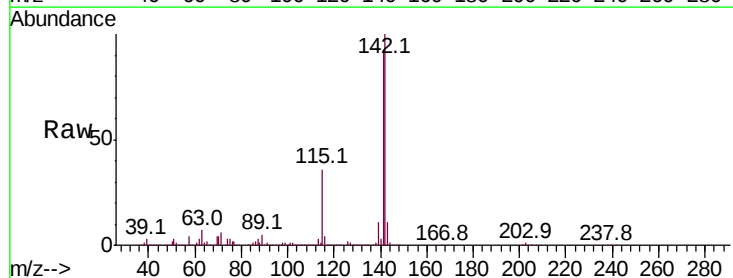
Instrument :
BNA_M
ClientSampleId :

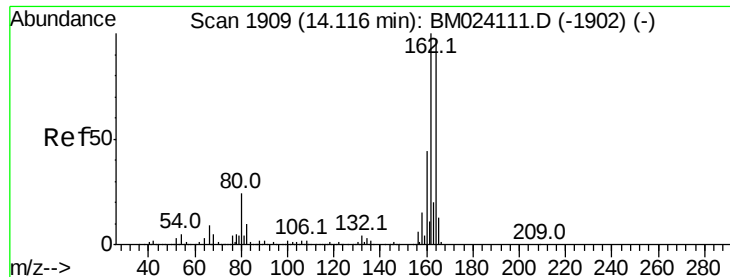
Tot Ion:142 Resp: 3246584
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 34.5 28.4 42.6



#38
1-Methylnaphthalene
Concen: 58.251 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:142 Resp: 3102030
Ion Ratio Lower Upper
142 100
141 91.9 74.5 111.7
116 3.8 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: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampled :

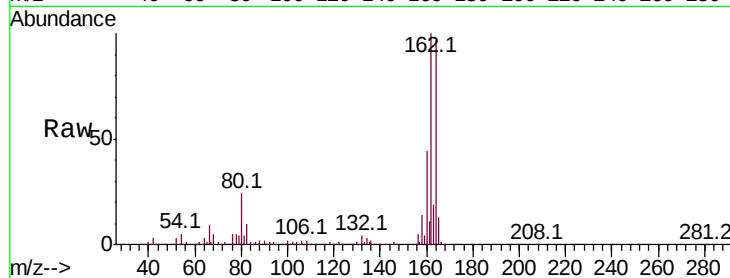
Tot Ion:164 Resp: 1073043

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.4

160 45.3 35.9 53.9

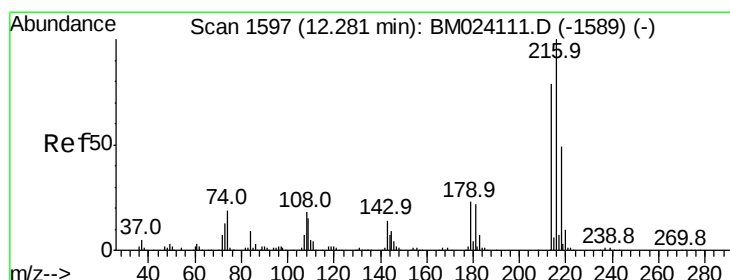
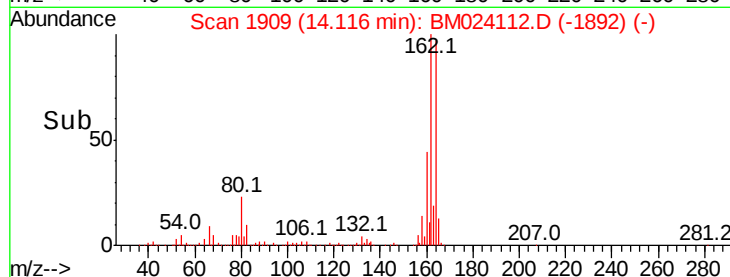
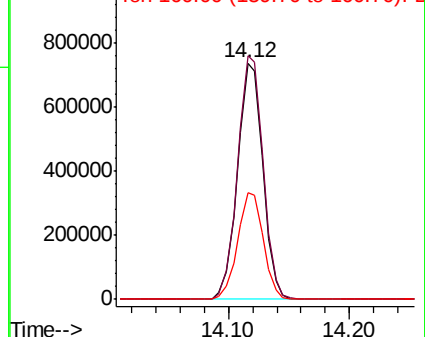


Abundance

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: 44.479 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:216 Resp: 1617217

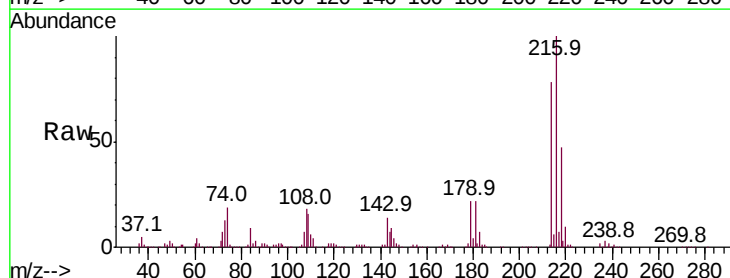
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 22.6 18.0 27.0

108 19.5 15.4 23.0



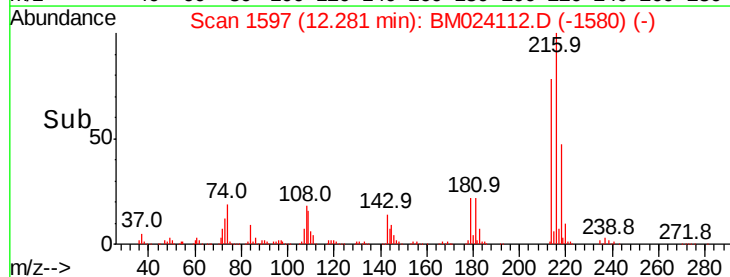
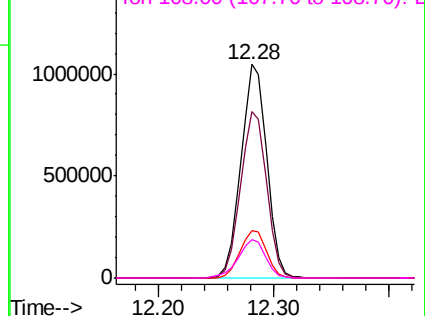
Abundance

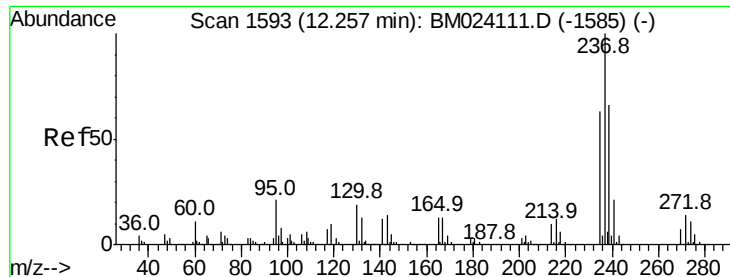
Ion 216.00 (215.70 to 216.70): E

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: 31.320 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

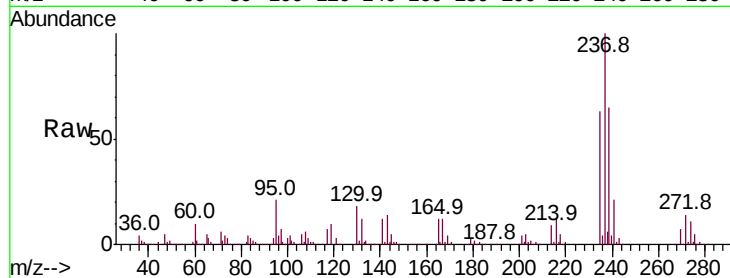
Tot Ion:237 Resp: 621317

Ion Ratio Lower Upper

237 100

235 62.6 43.0 83.0

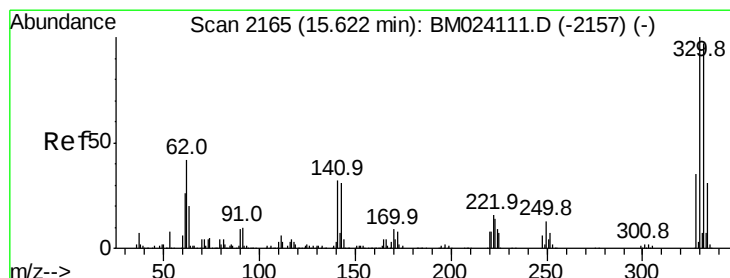
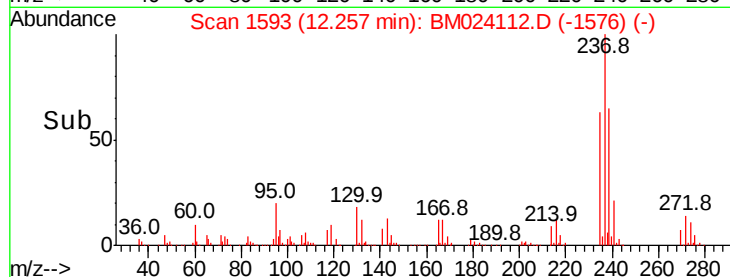
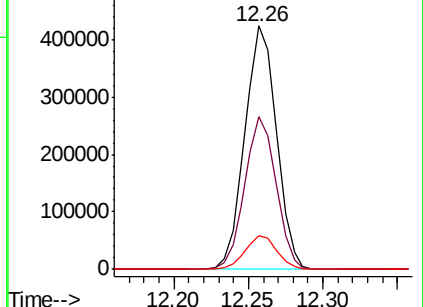
272 13.6 0.0 33.8



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: 118.269 ng

RT: 15.62 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

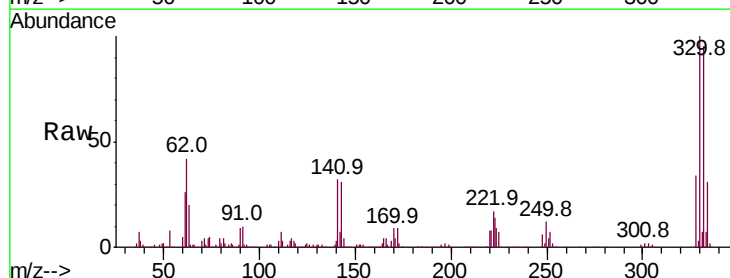
Tgt Ion:330 Resp: 1584241

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

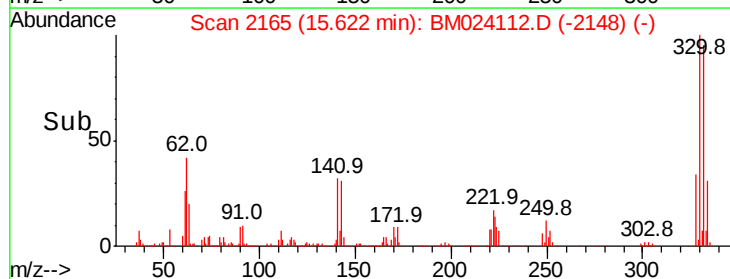
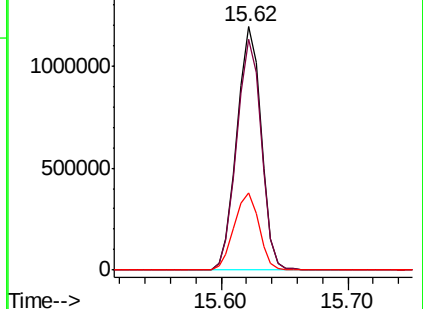
141 32.6 27.0 40.6

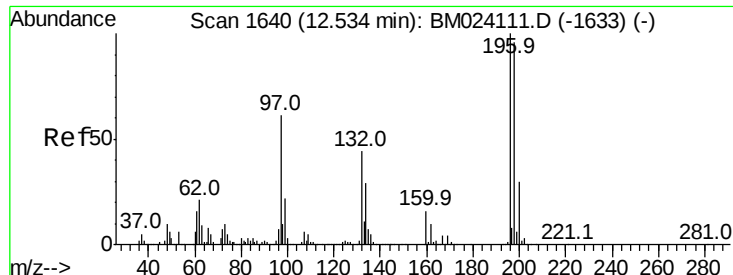


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

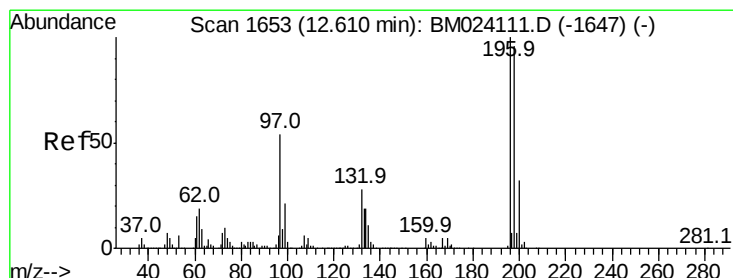
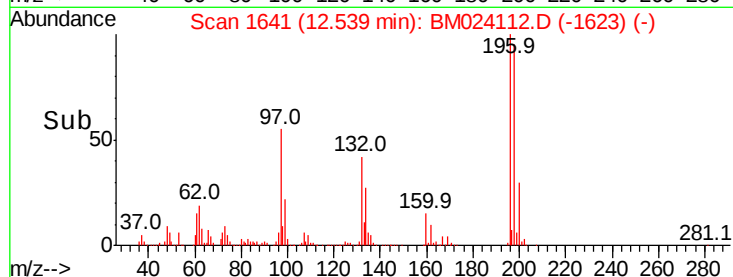
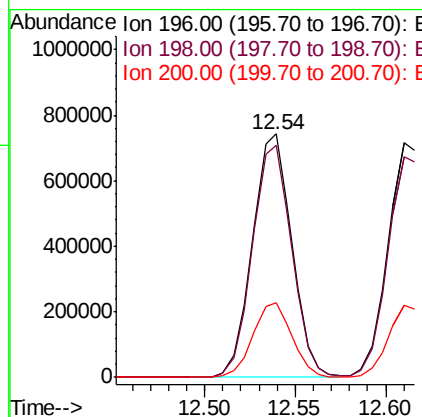
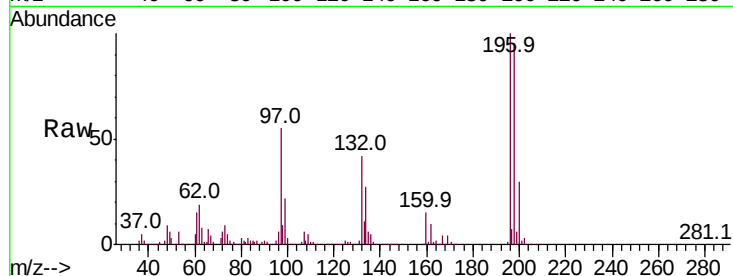




#43
 2,4,6-Trichlorophenol
 Concen: 53.373 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

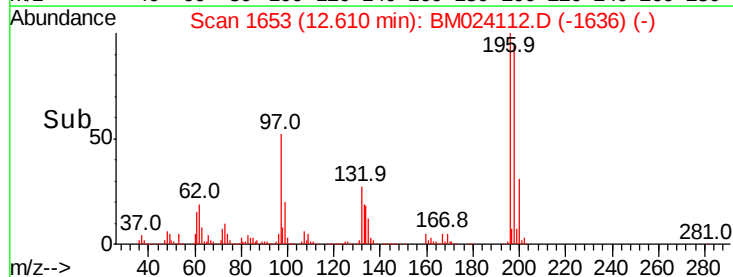
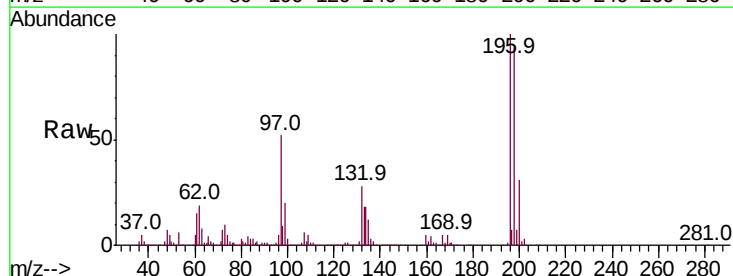
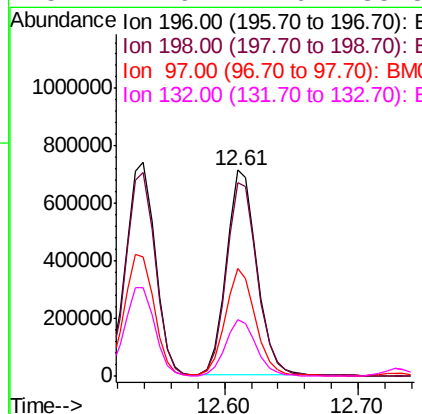
Instrument :
 BNA_M
 ClientSampled :

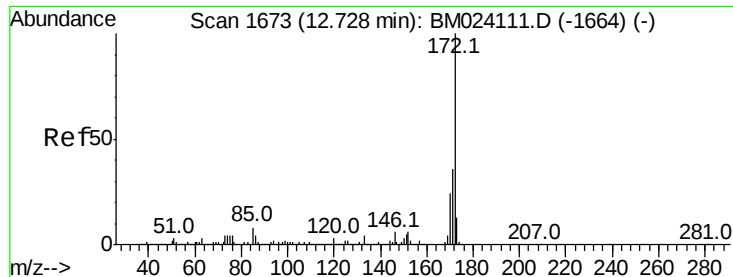
Tot Ion:196 Resp: 1120028
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 200 30.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 52.405 ng
 RT: 12.61 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion:196 Resp: 1146002
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 114.8
 97 52.1 42.9 64.3
 132 27.6 22.6 33.8

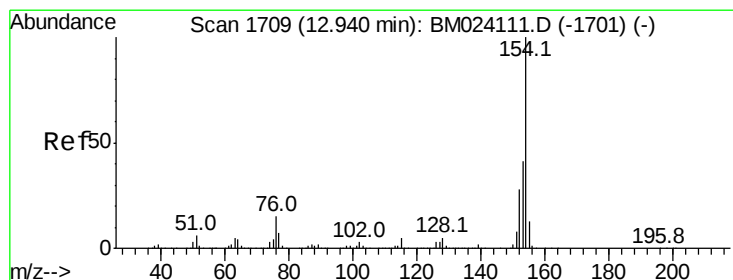
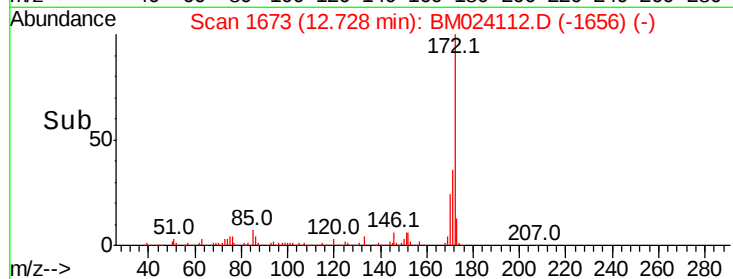
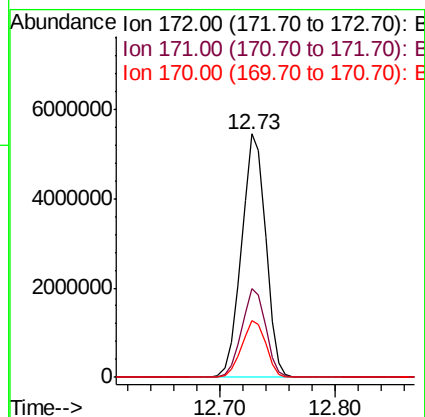
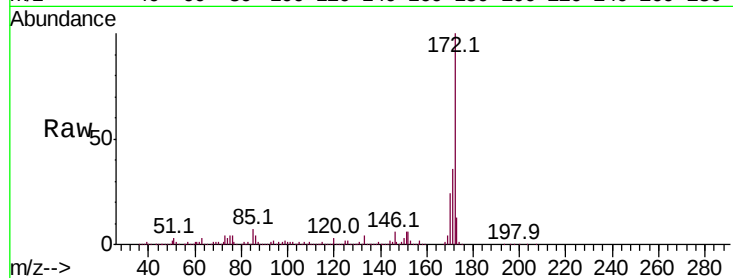




#45
2-Fluorobiphenyl
Concen: 101.340 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

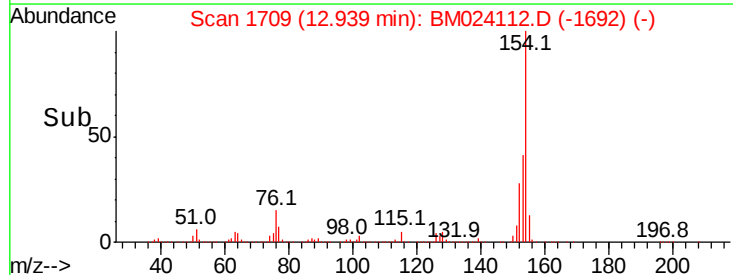
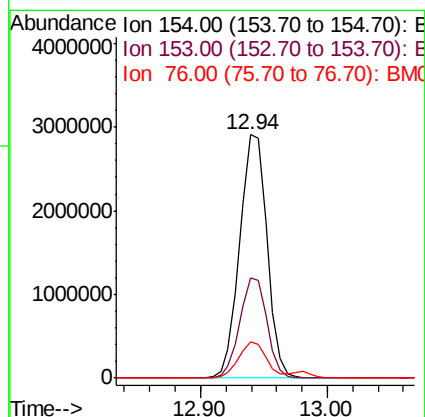
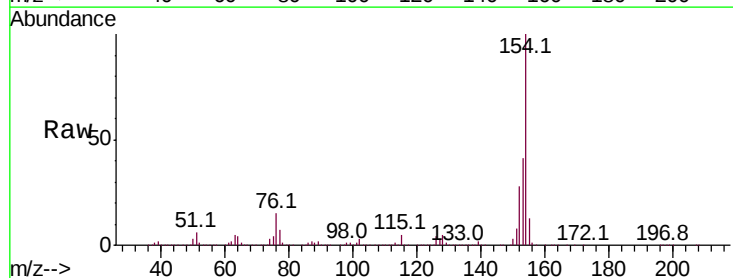
Instrument :
BNA_M
ClientSampleId :

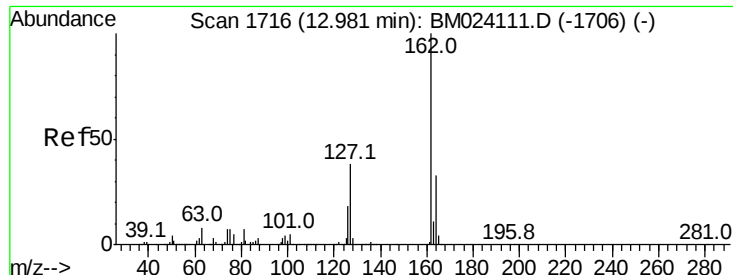
Tot Ion:172 Resp: 7896775
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.904 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:154 Resp: 4343137
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 15.0 0.0 35.1

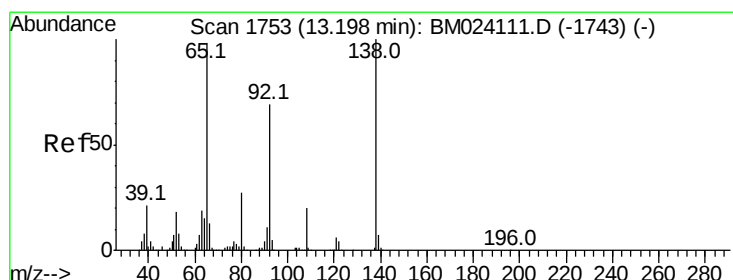
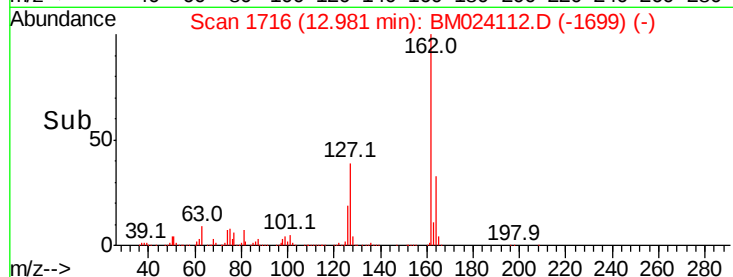
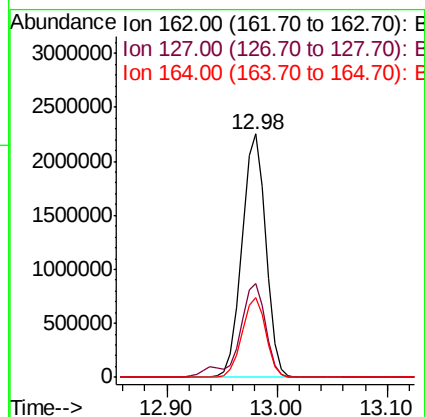
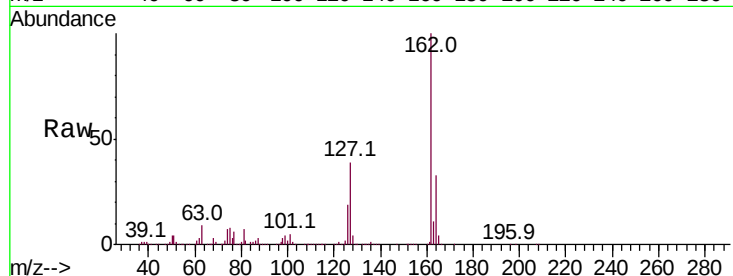




#47
2-Chloronaphthalene
Concen: 51.807 ng
RT: 12.98 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

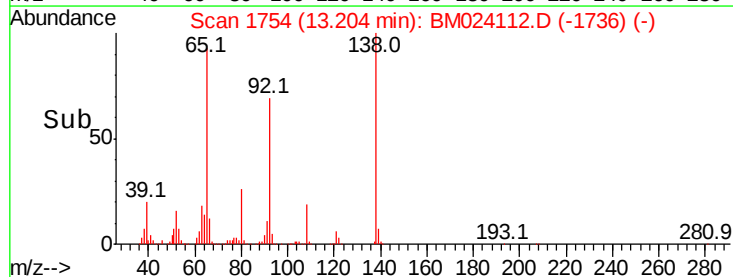
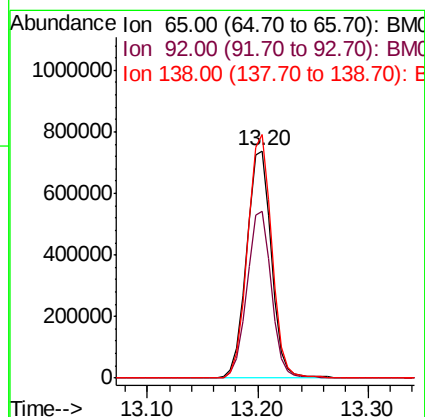
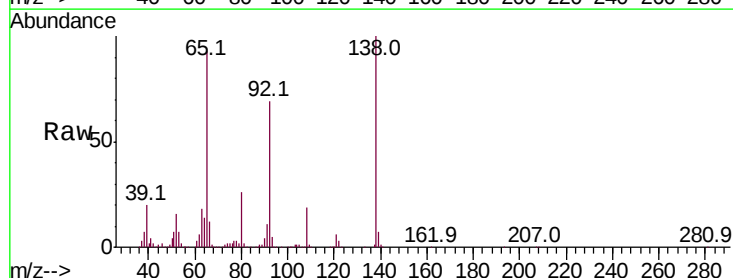
Instrument :
BNA_M
ClientSampleId :

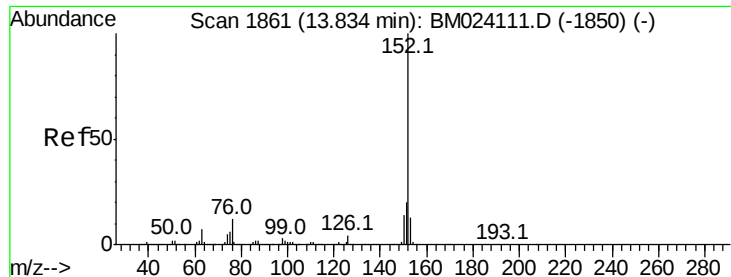
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	33.0	26.2	39.2



#48
2-Nitroaniline
Concen: 68.014 ng
RT: 13.20 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	56.4	84.6
138	107.0	81.9	122.9





#49

Acenaphthylene

Concen: 54.597 ng

RT: 13.83 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

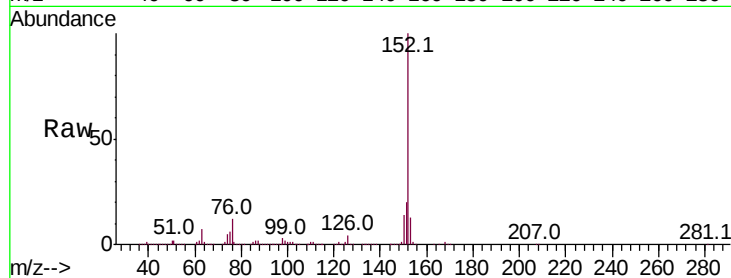
Tot Ion:152 Resp: 5351711

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

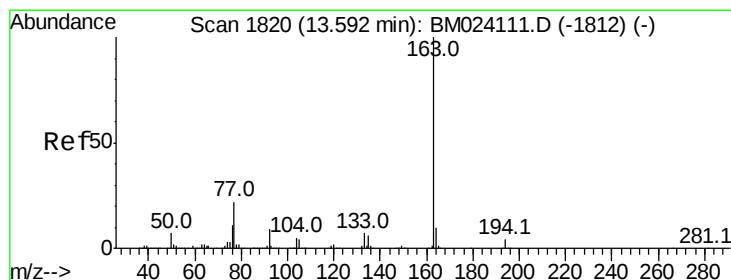
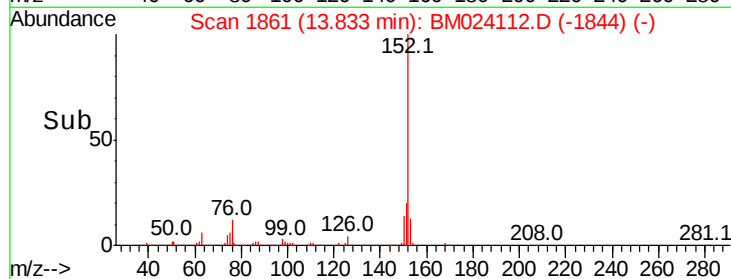
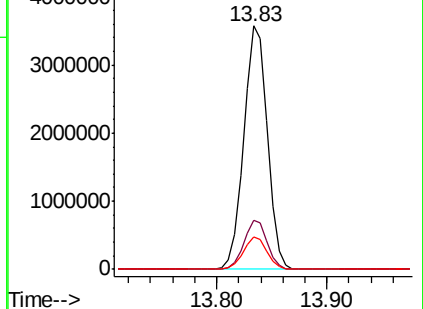
153 13.1 10.6 15.8



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: 57.083 ng

RT: 13.60 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

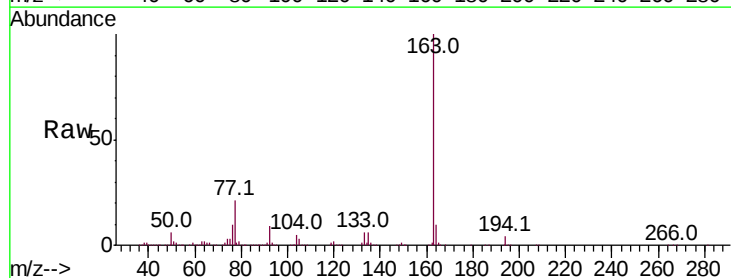
Tgt Ion:163 Resp: 4426593

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

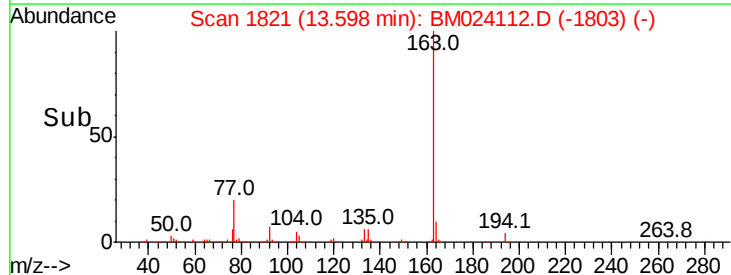
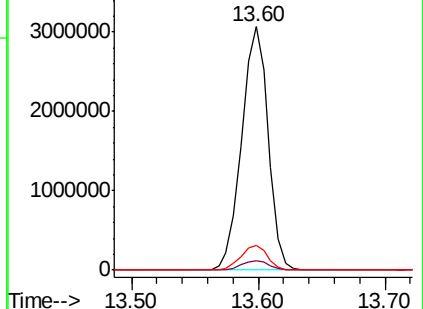
164 10.0 8.1 12.1

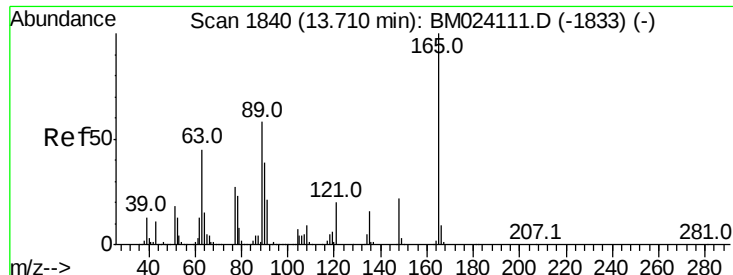


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

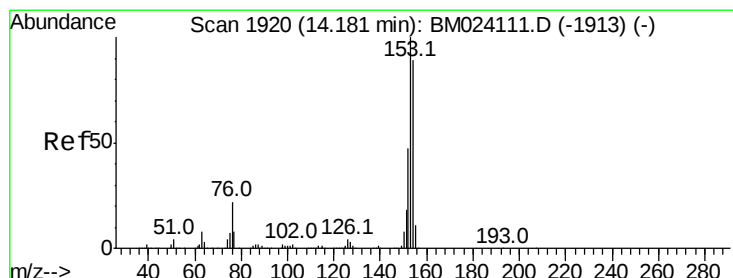
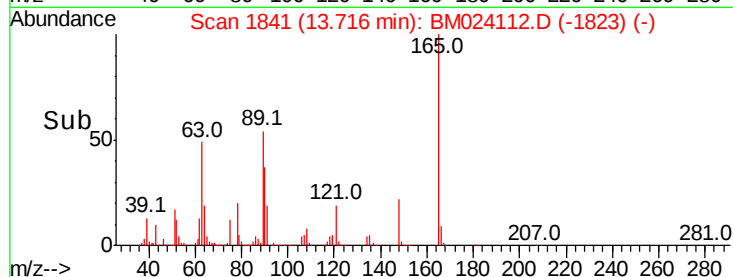
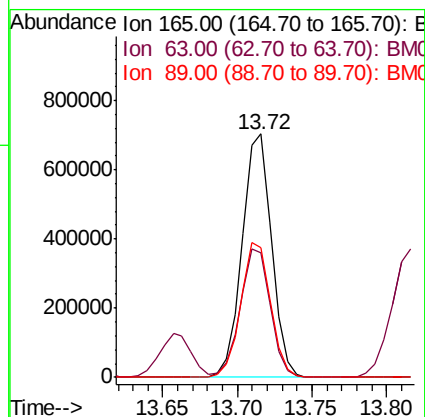
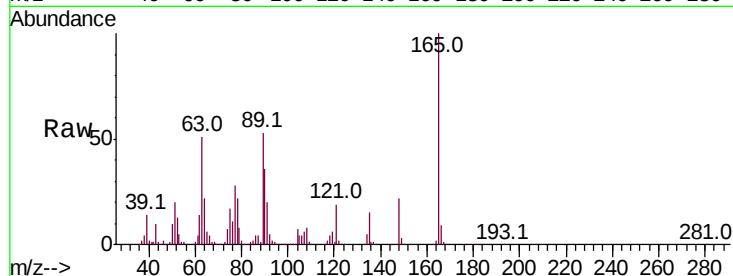




#51
2,6-Dinitrotoluene
Concen: 59.307 ng
RT: 13.72 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

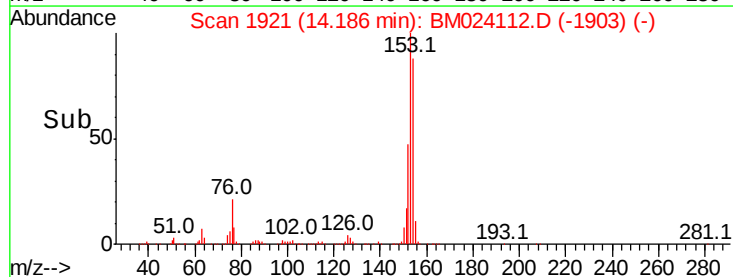
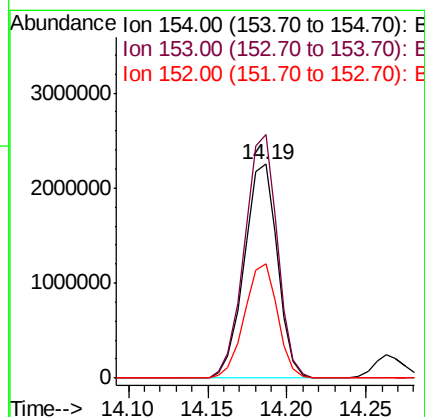
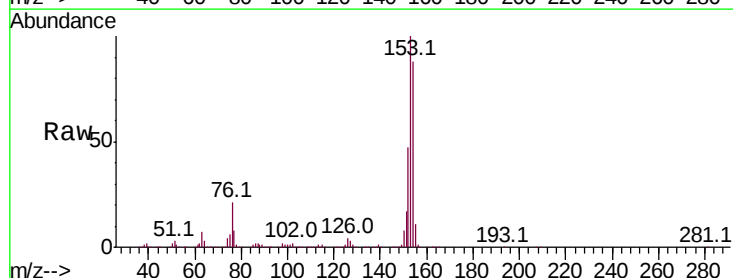
Instrument :
BNA_M
ClientSampleId :

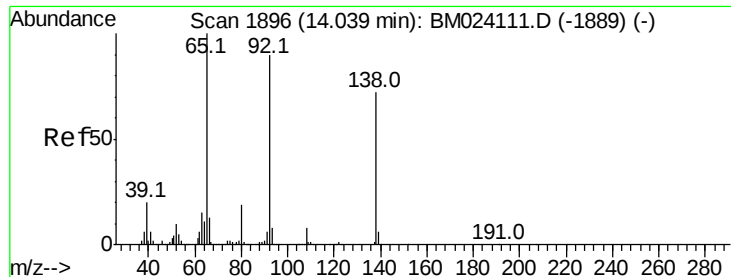
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	43.0	64.6
89	53.2	46.4	69.6



#52
Acenaphthene
Concen: 50.936 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.4	135.6
152	53.4	42.3	63.5

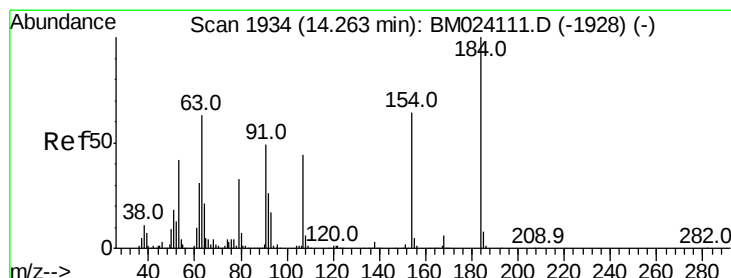
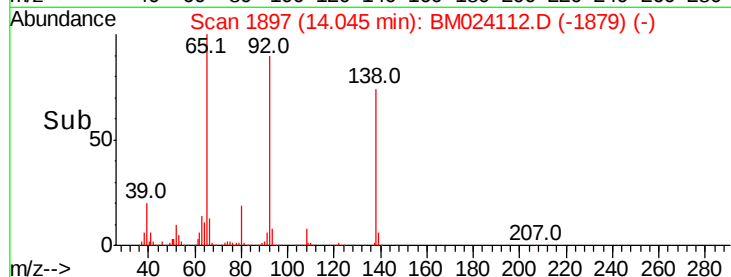
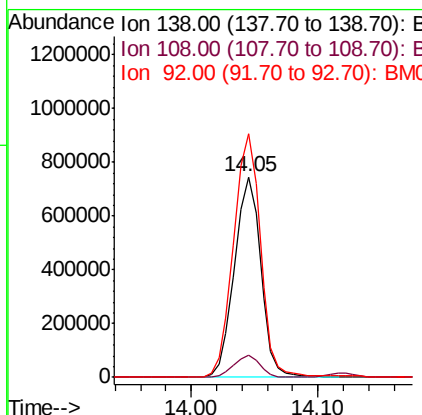
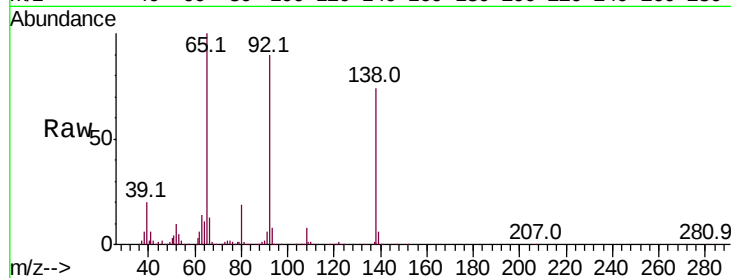




#53
3-Nitroaniline
Concen: 57.747 ng
RT: 14.05 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

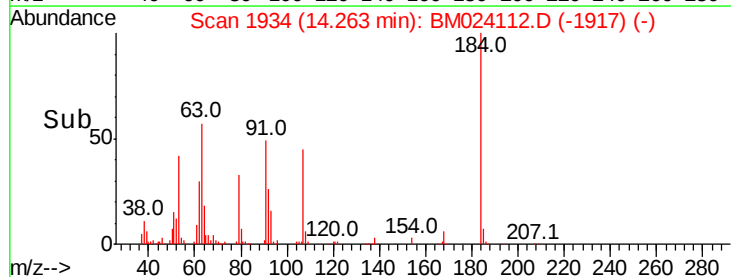
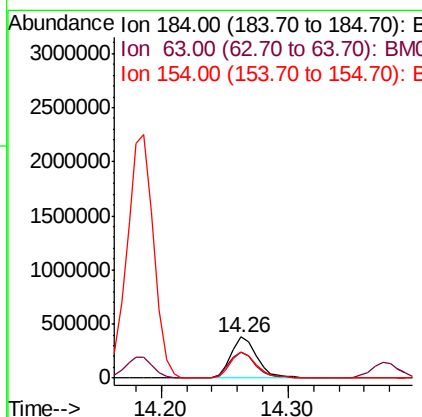
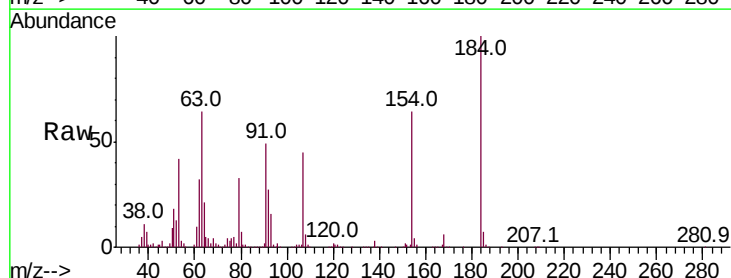
Instrument :
BNA_M
ClientSampleId :

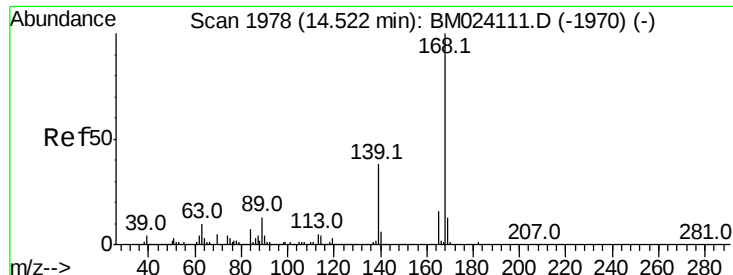
Tot Ion:138 Resp: 1078349
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 121.7 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 71.228 ng
RT: 14.26 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:184 Resp: 545514
Ion Ratio Lower Upper
184 100
63 63.9 50.2 75.4
154 63.8 51.8 77.8

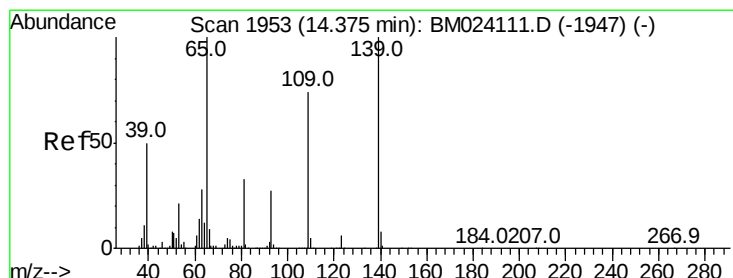
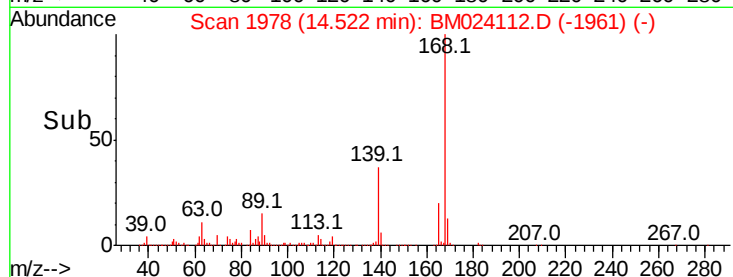
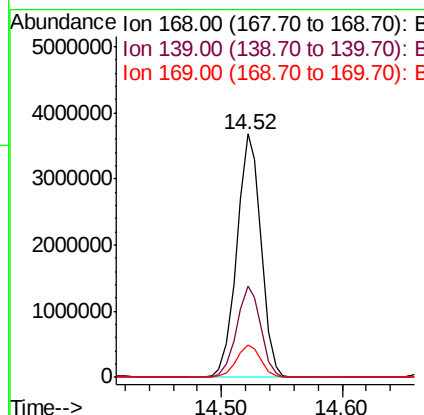
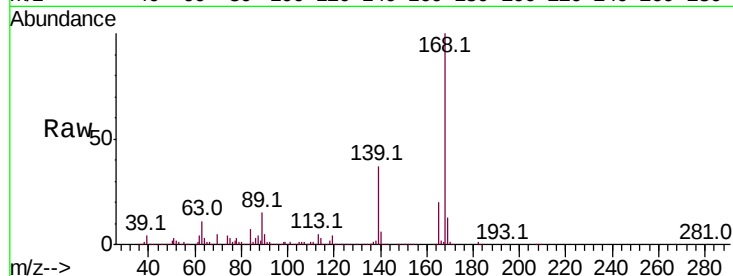




#55
Dibenzofuran
Concen: 54.622 ng
RT: 14.52 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

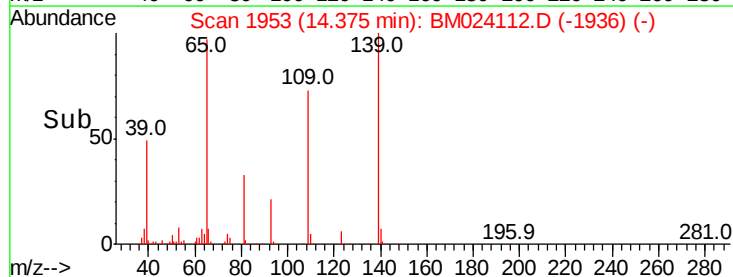
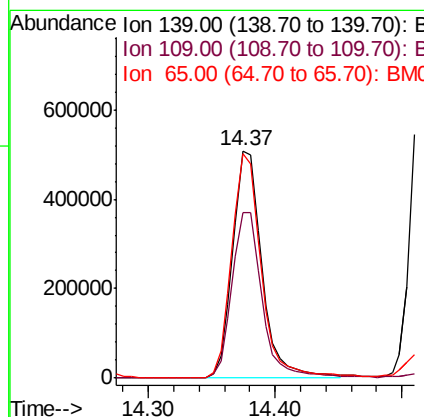
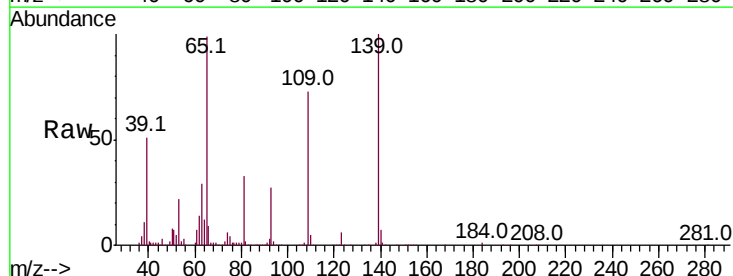
Instrument :
BNA_M
ClientSampled :

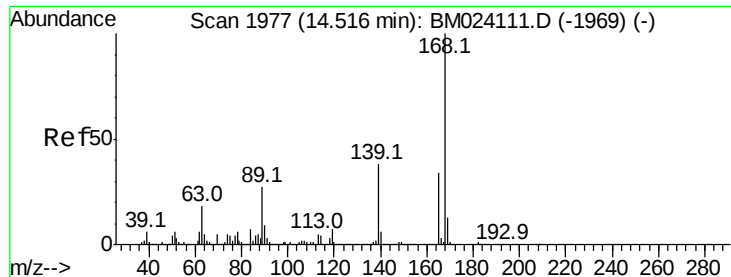
Tot Ion:168 Resp: 5113780
Ion Ratio Lower Upper
168 100
139 37.5 30.4 45.6
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 56.525 ng
RT: 14.37 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:139 Resp: 811299
Ion Ratio Lower Upper
139 100
109 72.9 54.2 94.2
65 99.1 80.5 120.5

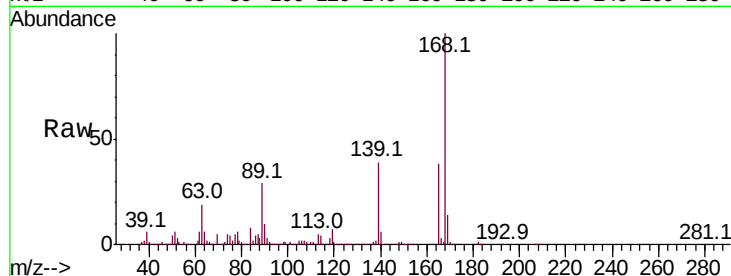




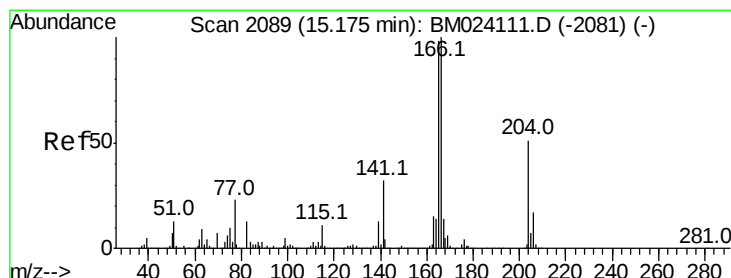
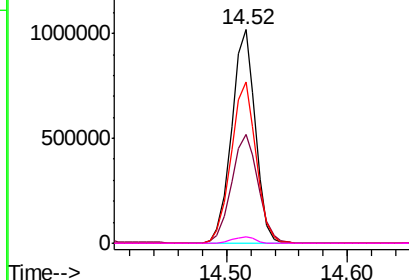
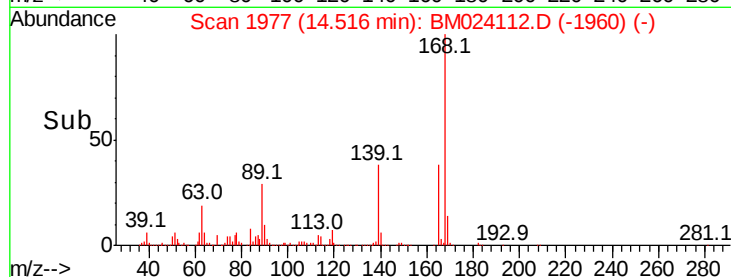
#57
 2,4-Dinitrotoluene
 Concen: 65.363 ng
 RT: 14.52 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 1388969
 Ion Ratio Lower Upper
 165 100
 63 51.0 42.6 64.0
 89 75.6 61.6 92.4
 182 3.1 2.4 3.6

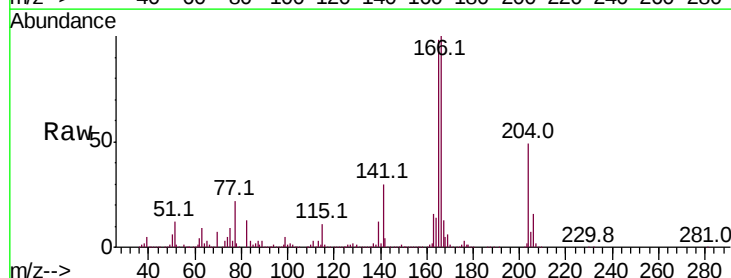


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

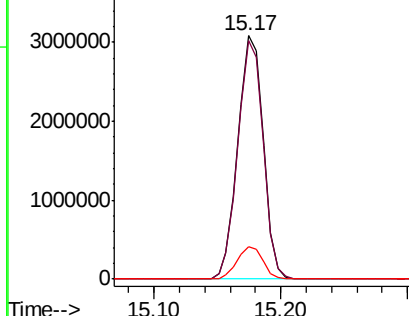
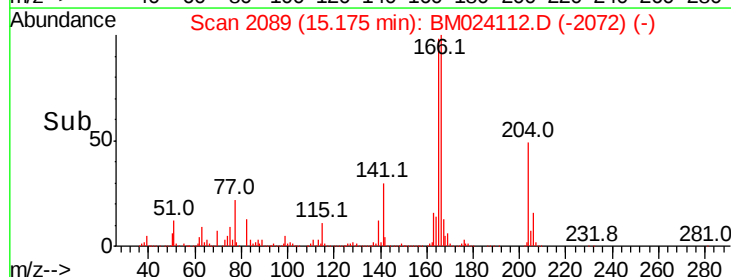


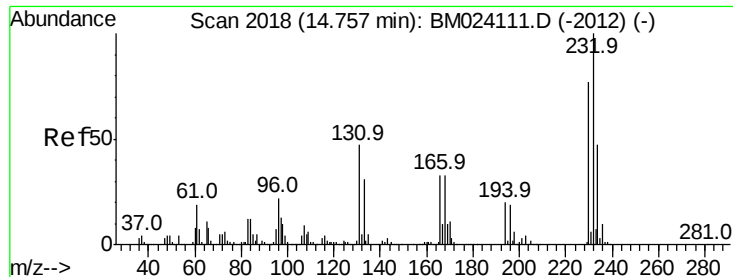
#58
 Fluorene
 Concen: 56.189 ng
 RT: 15.17 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion:166 Resp: 4274736
 Ion Ratio Lower Upper
 166 100
 165 97.9 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: 54.779 ng

RT: 14.76 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 1044737

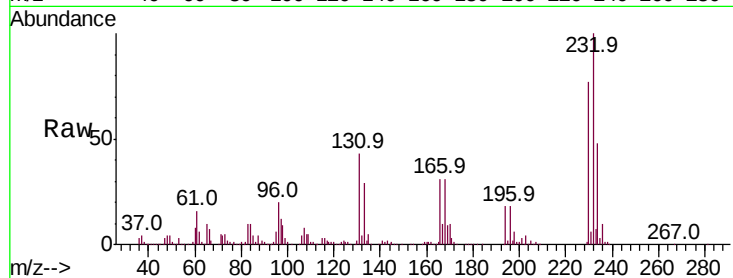
Ion Ratio Lower Upper

232 100

131 45.4 36.1 54.1

130 2.3 1.9 2.9

166 32.2 25.5 38.3

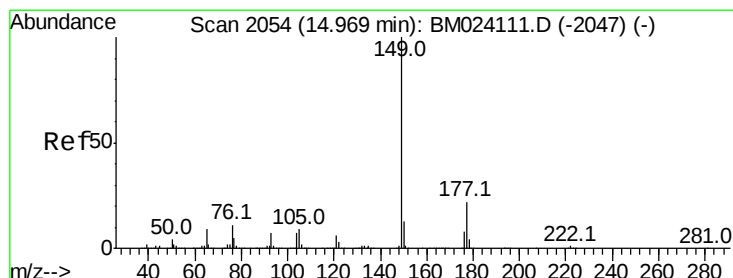
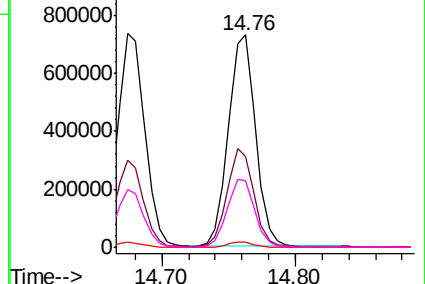
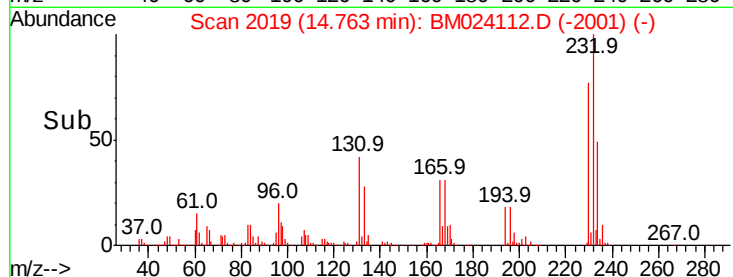


Abundance Ion 232.00 (231.70 to 232.70): E

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: 59.624 ng

RT: 14.97 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

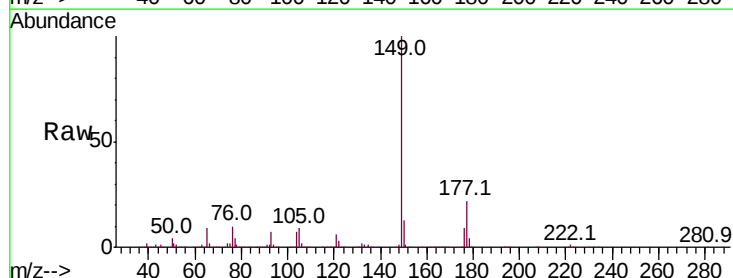
Tgt Ion:149 Resp: 4495740

Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

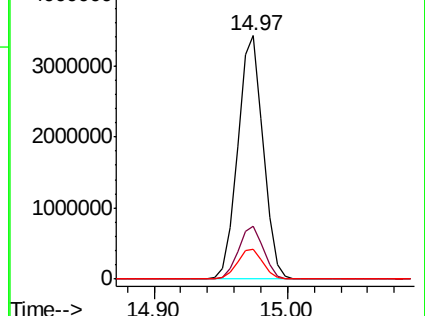
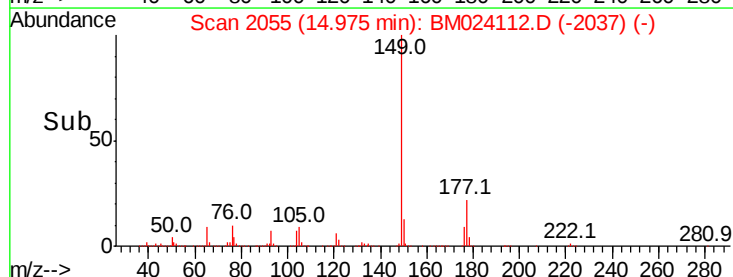
150 12.5 10.1 15.1

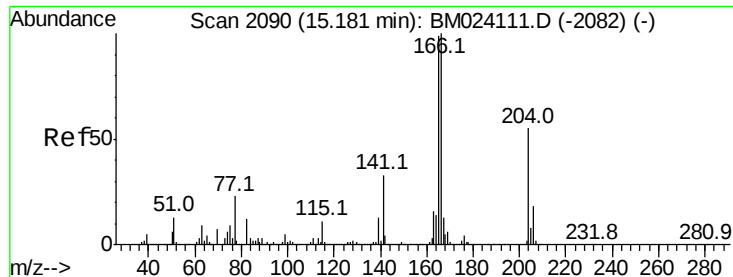


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 54.488 ng

RT: 15.18 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

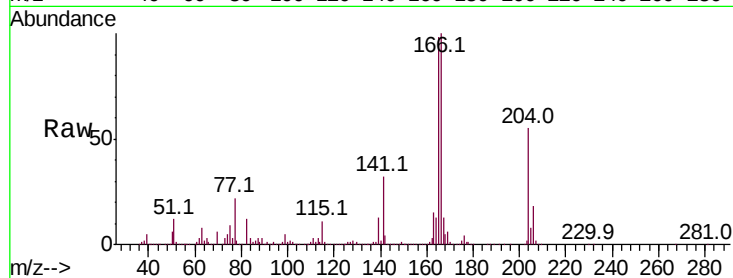
Instrument :

BNA_M

ClientSampleId :

Tot Ion:204 Resp: 2129953

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	58.7	47.0	70.4

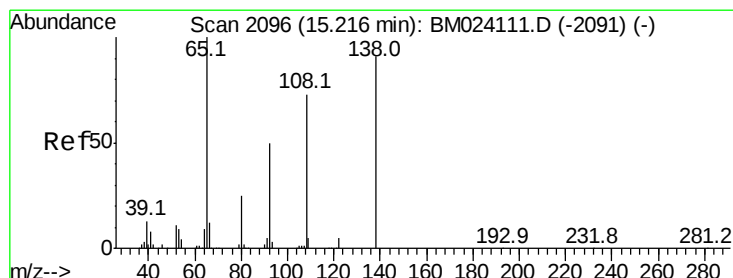
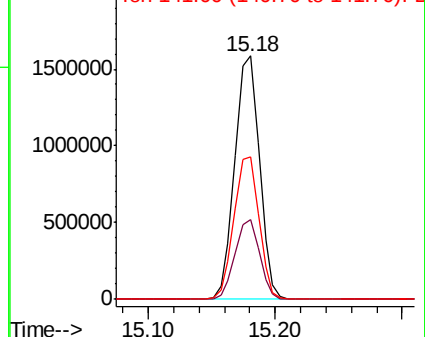
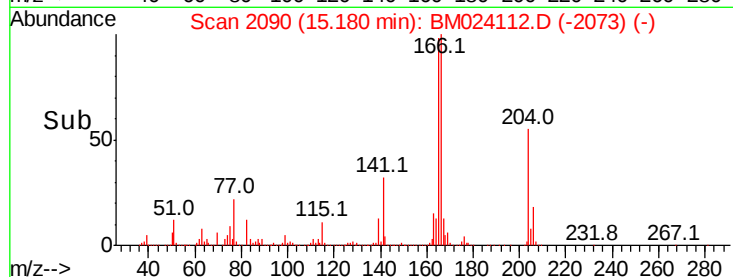


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 55.749 ng

RT: 15.22 min Scan# 2097

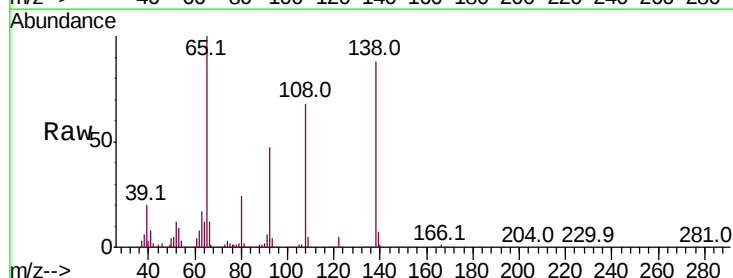
Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:138 Resp: 1091431

Ion	Ratio	Lower	Upper
138	100		
92	53.4	33.8	73.8
108	77.1	57.6	97.6

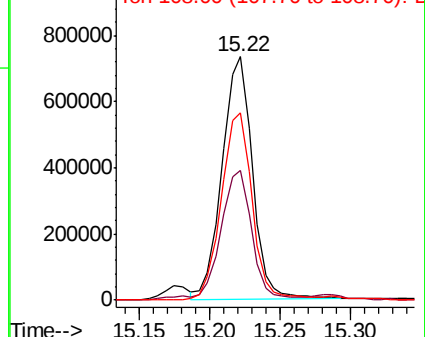
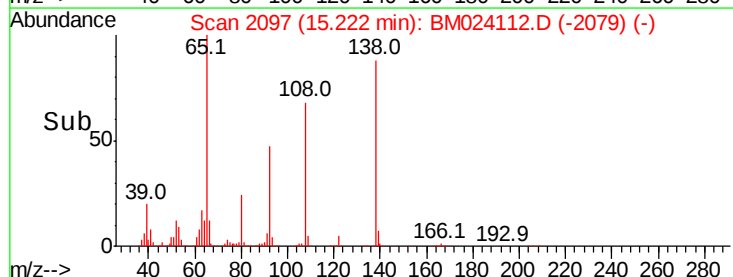


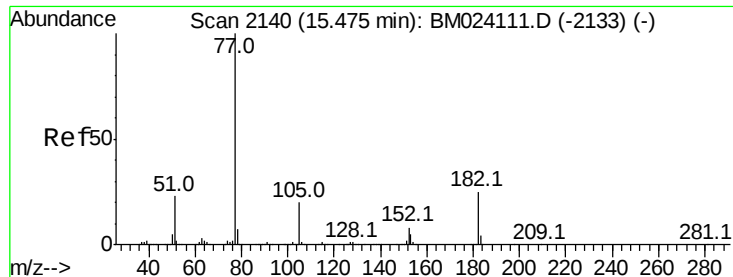
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

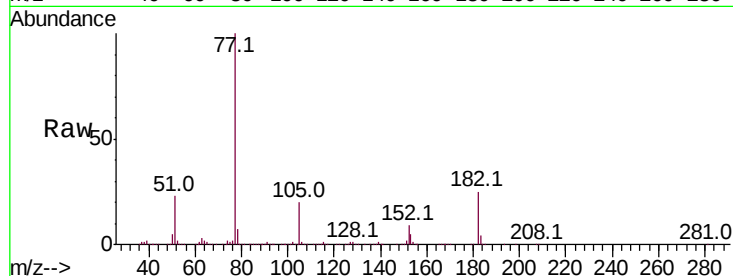




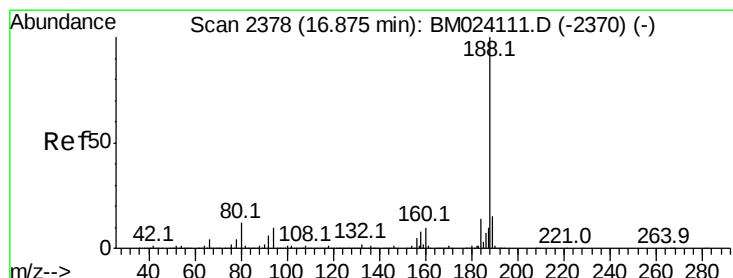
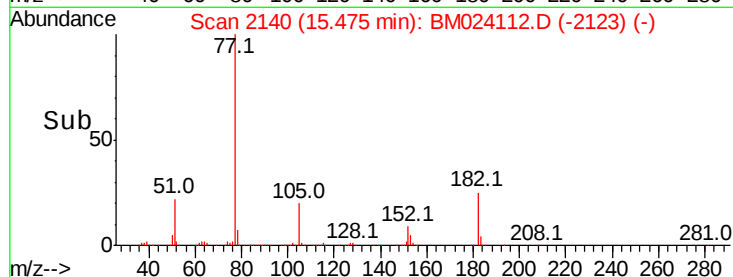
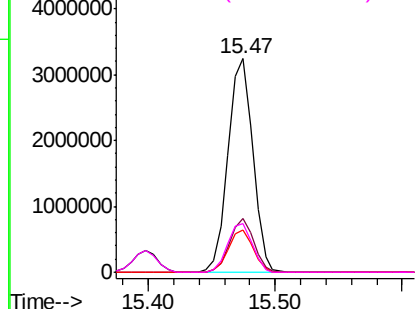
#63
Azobenzene
Concen: 64.223 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 4373046
Ion Ratio Lower Upper
77 100
182 25.0 4.7 44.7
105 20.1 0.0 40.0
51 22.8 2.6 42.6

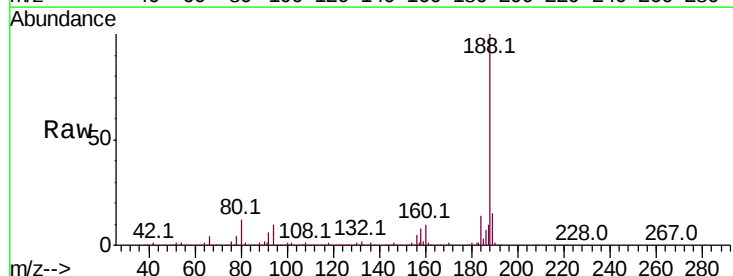


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

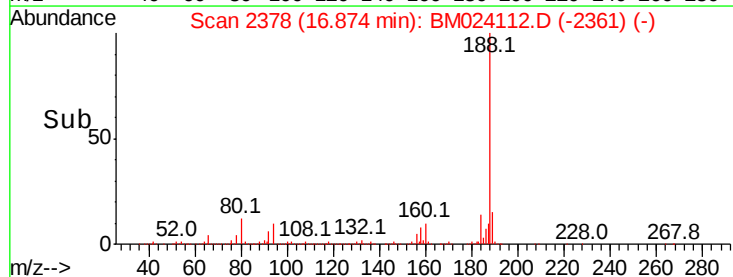
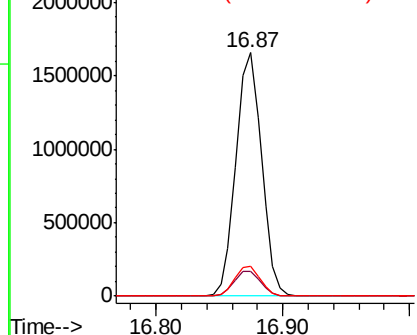


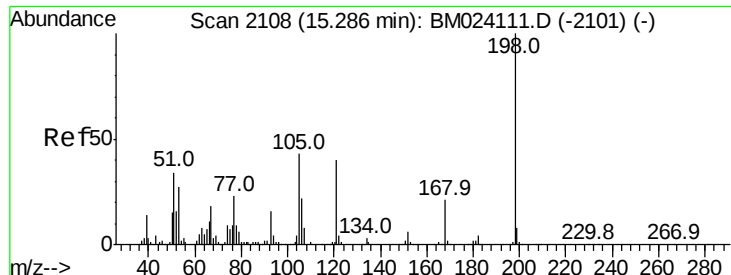
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion: 188 Resp: 2320269
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 12.2 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

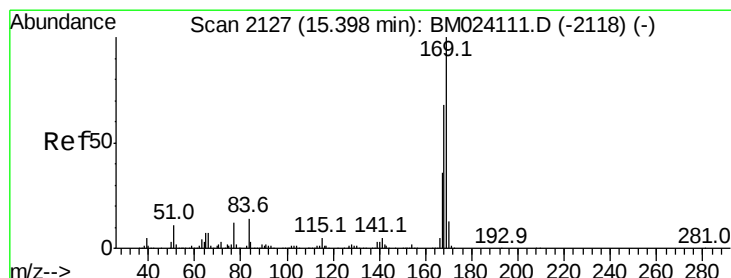
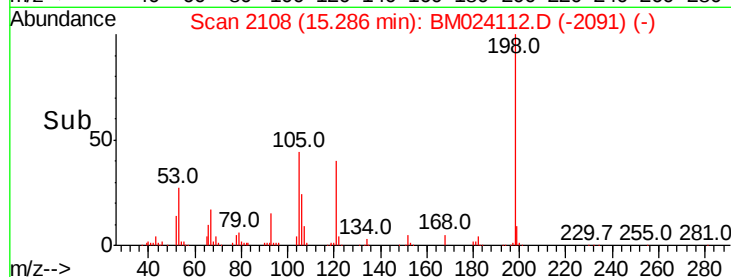
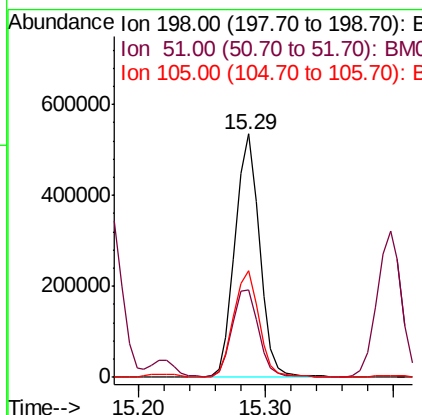
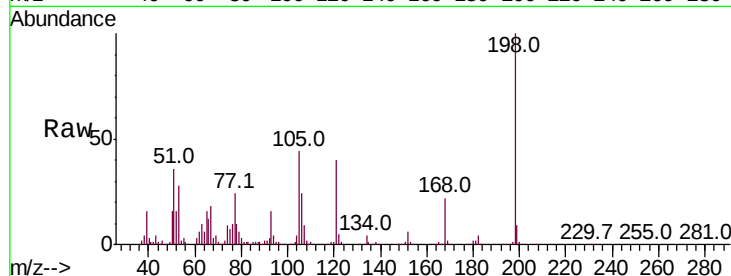




#65
 4,6-Dinitro-2-methylphenol
 Concen: 66.126 ng
 RT: 15.29 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

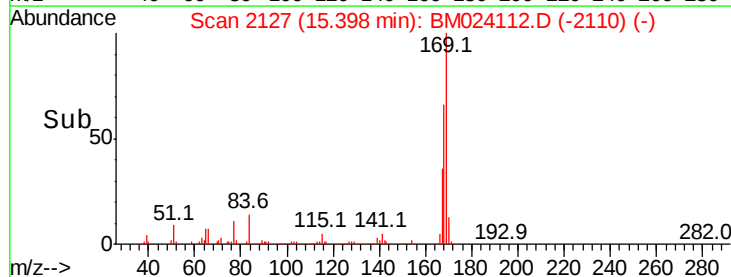
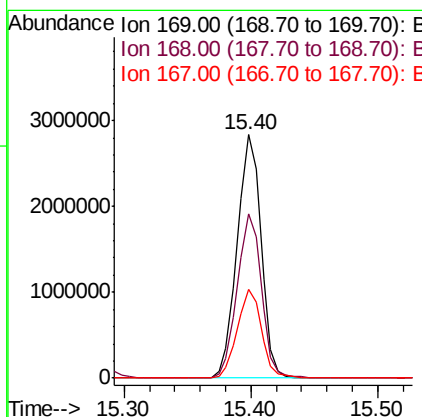
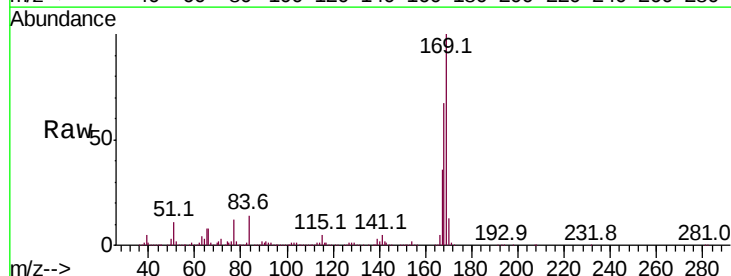
Instrument :
 BNA_M
 ClientSampleId :

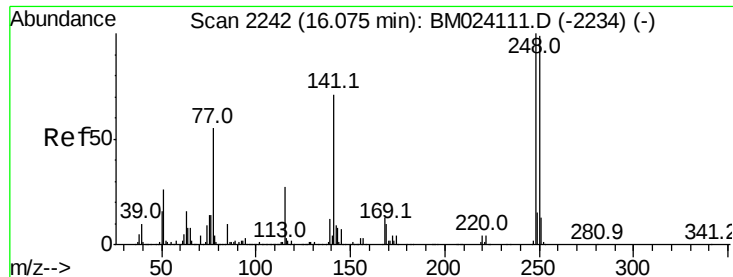
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.1	15.0	55.0
105	43.8	22.9	62.9



#66
 n-Nitrosodiphenylamine
 Concen: 51.983 ng
 RT: 15.40 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.0	81.0
167	36.4	28.9	43.3

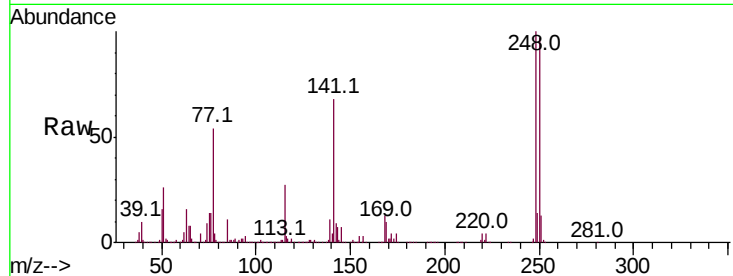




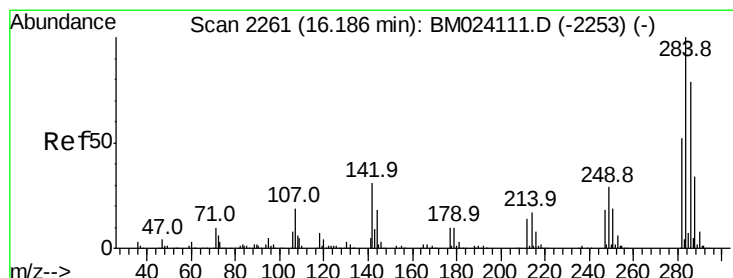
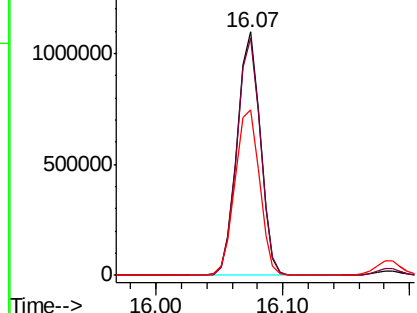
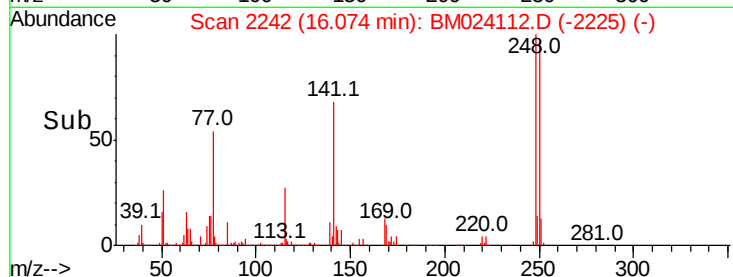
#67
4-Bromophenyl-phenylether
Concen: 53.693 ng
RT: 16.07 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 1385654
Ion Ratio Lower Upper
248 100
250 97.3 79.1 118.7
141 68.0 56.8 85.2

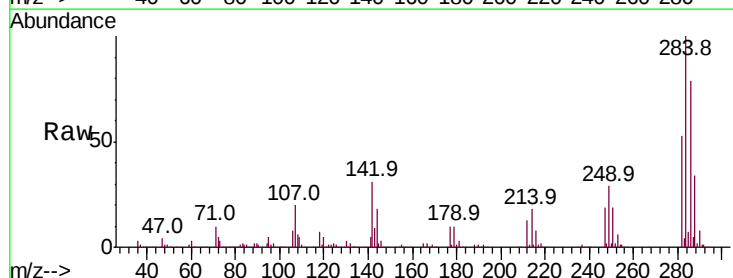


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

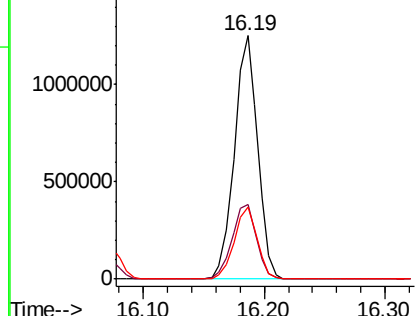
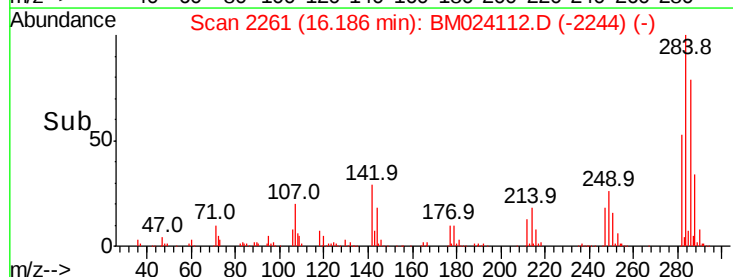


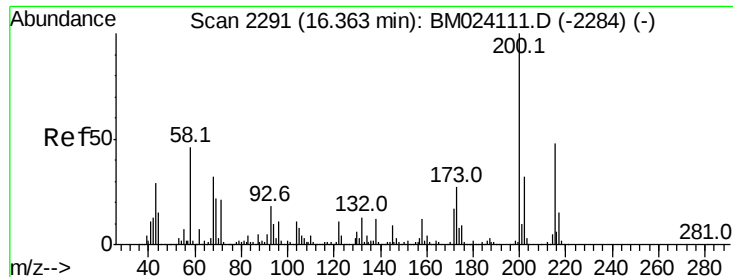
#68
Hexachlorobenzene
Concen: 55.694 ng
RT: 16.19 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:284 Resp: 1676164
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 29.4 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: 36.299 ng

RT: 16.36 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampled :

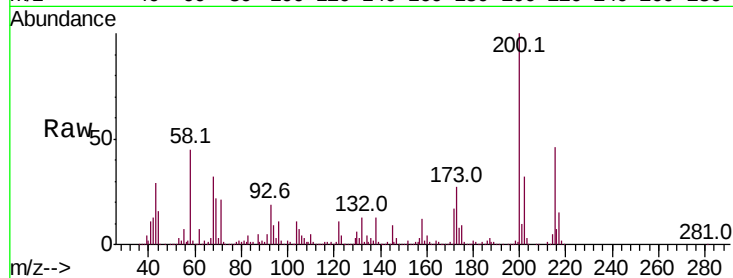
Tot Ion:200 Resp: 836448

Ion Ratio Lower Upper

200 100

173 26.8 7.2 47.2

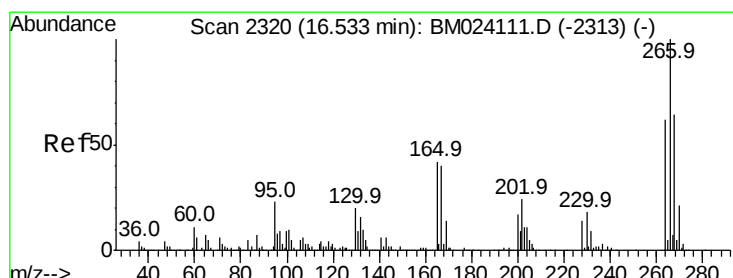
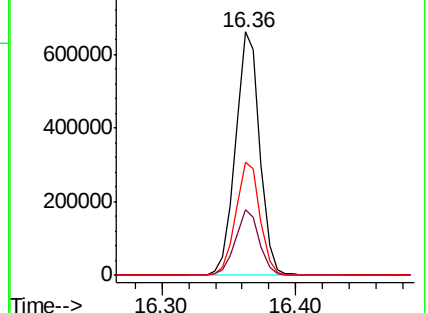
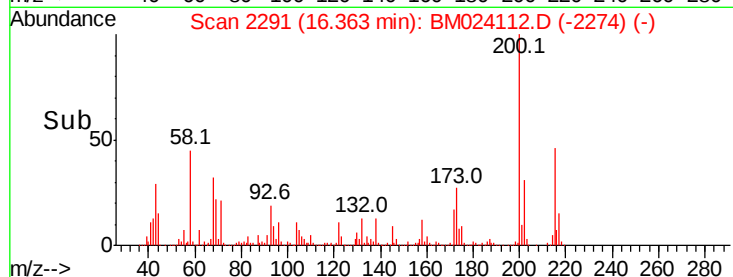
215 46.3 27.9 67.9



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: 51.488 ng

RT: 16.53 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

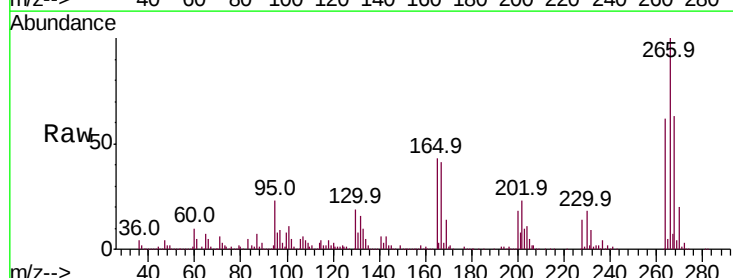
Tgt Ion:266 Resp: 826385

Ion Ratio Lower Upper

266 100

268 62.9 51.2 76.8

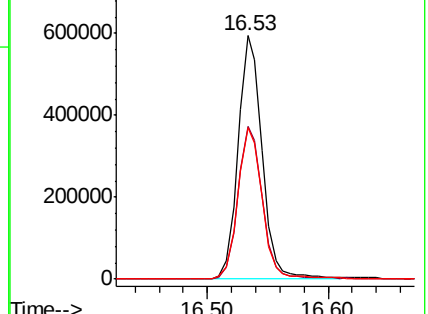
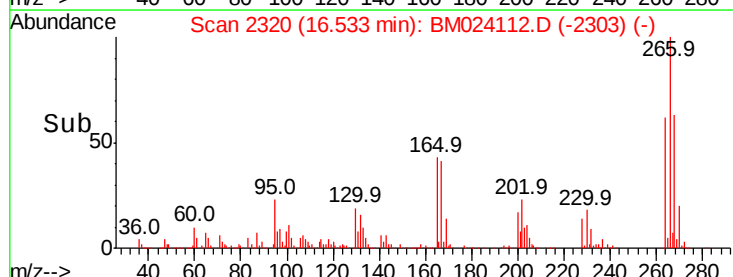
264 62.3 49.6 74.4

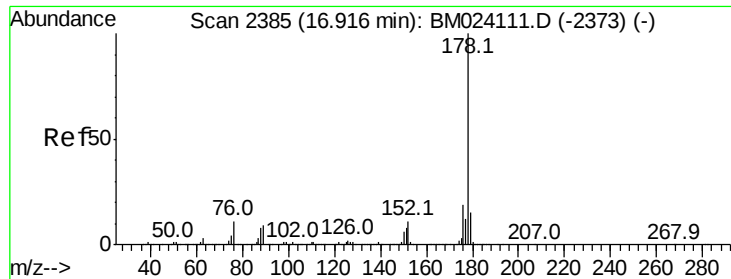


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

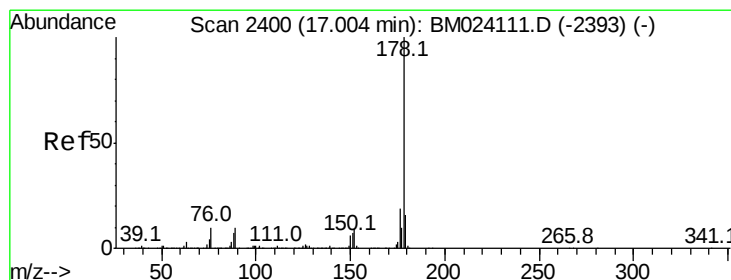
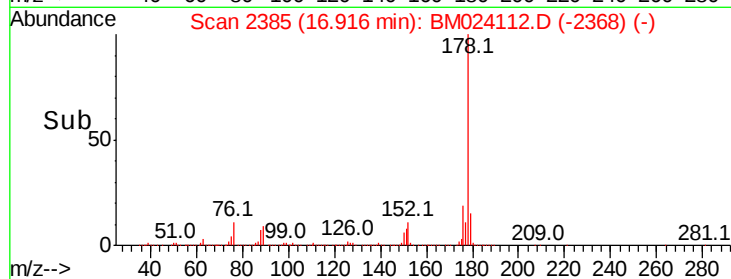
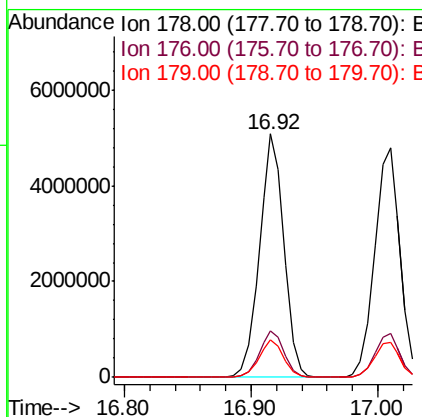
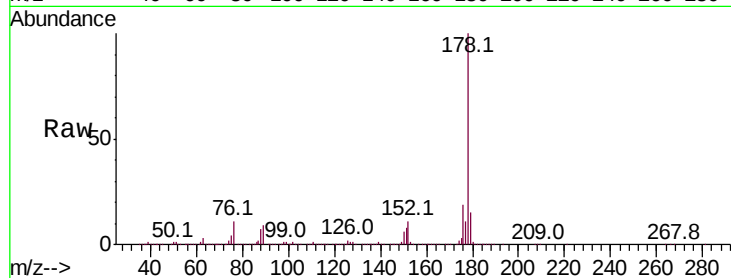




#71
Phenanthrene
Concen: 51.908 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

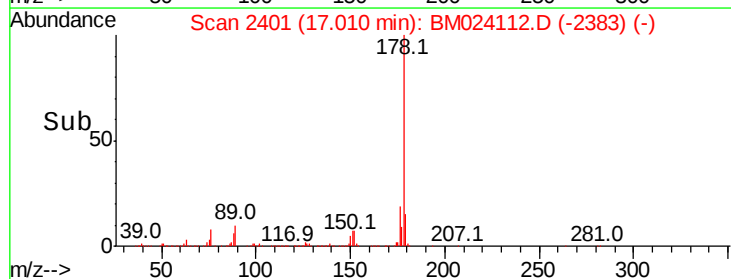
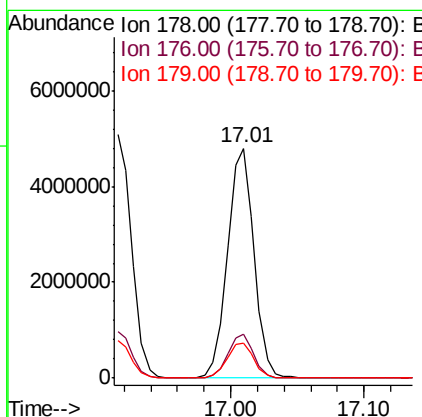
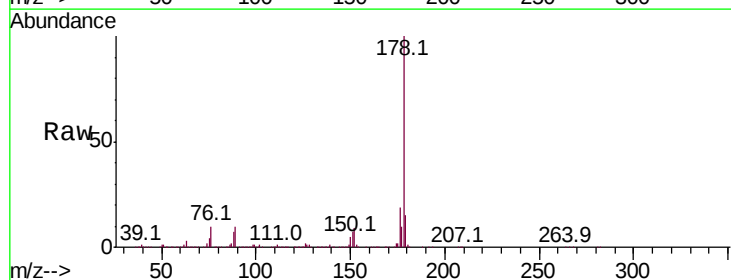
Instrument :
BNA_M
ClientSampleId :

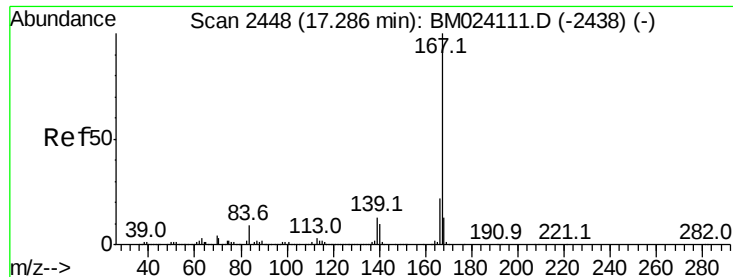
Tot Ion:178 Resp: 6795978
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 52.300 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:178 Resp: 6636083
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.4 12.5 18.7



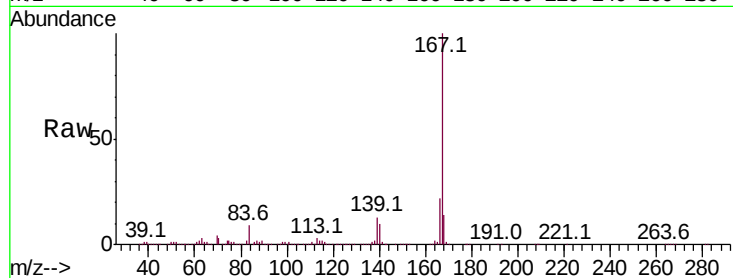


#73
 Carbazole
 Concen: 53.049 ng
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

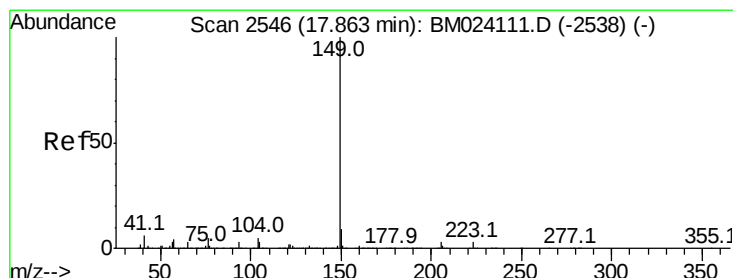
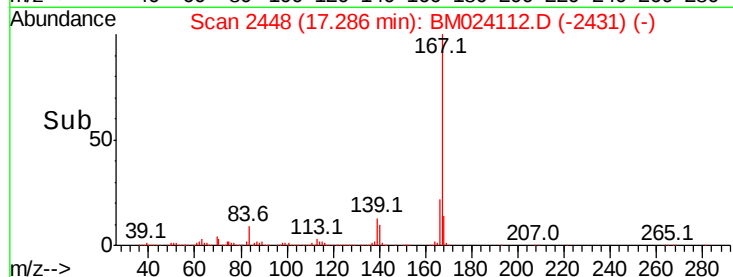
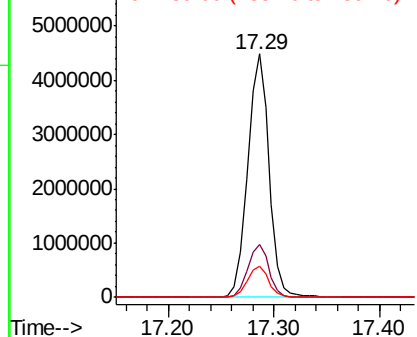
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 6263725

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.9	10.2	15.4



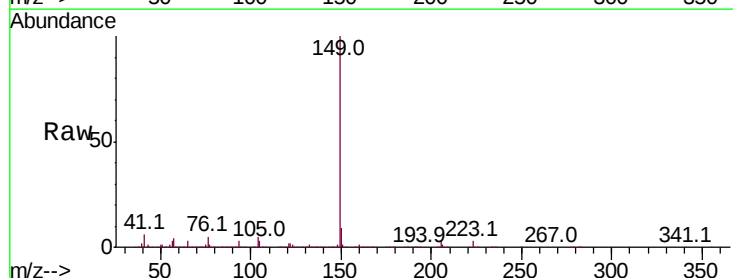
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



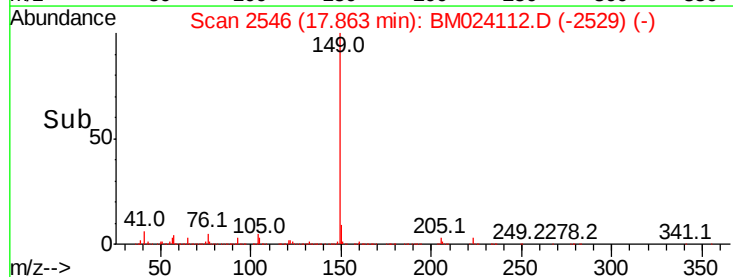
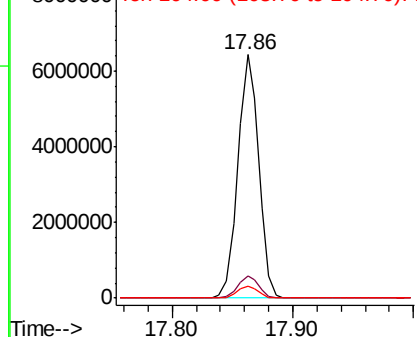
#74
 Di-n-butylphthalate
 Concen: 57.761 ng
 RT: 17.86 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

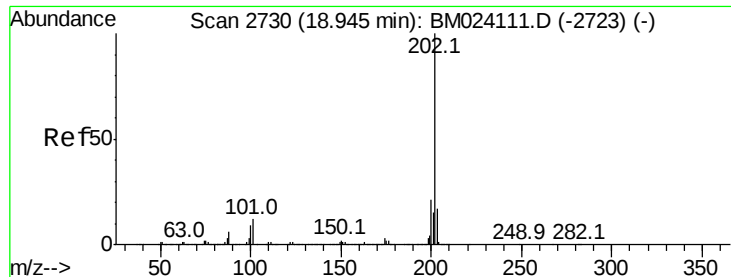
Tgt Ion:149 Resp: 7733227

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.1	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.997 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

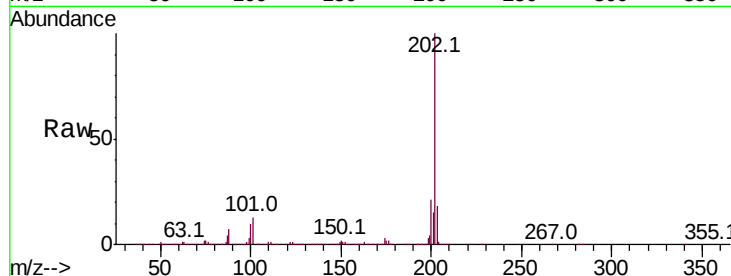
Tot Ion:202 Resp: 7829616

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.0
203	17.6	0.0	37.5

202 100

101 12.7 0.0 32.0

203 17.6 0.0 37.5

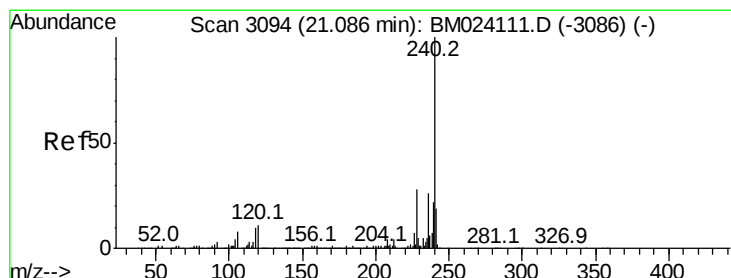
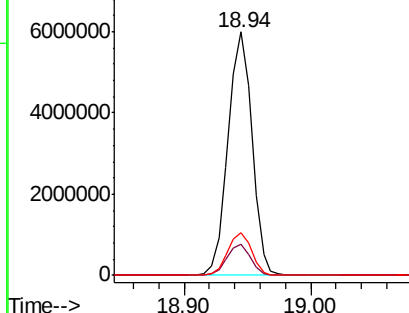
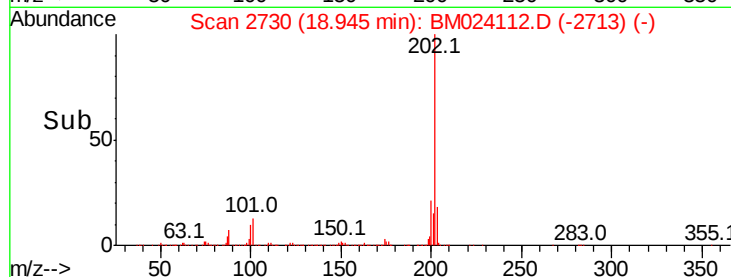


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

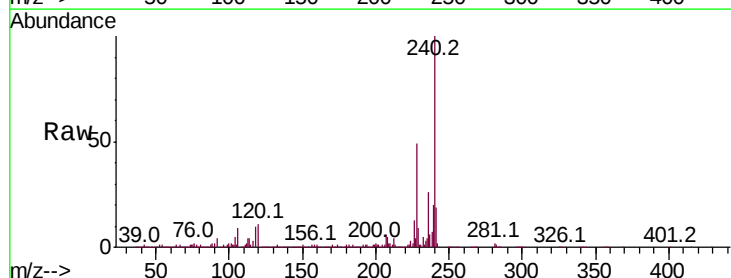
Tgt Ion:240 Resp: 2350908

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.6	13.0
236	25.8	20.7	31.1

240 100

120 11.0 8.6 13.0

236 25.8 20.7 31.1

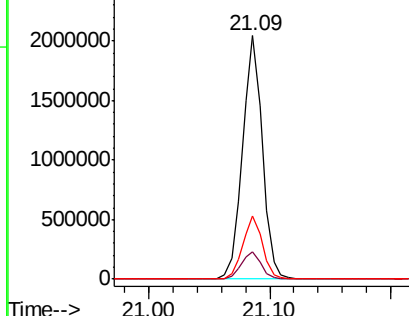
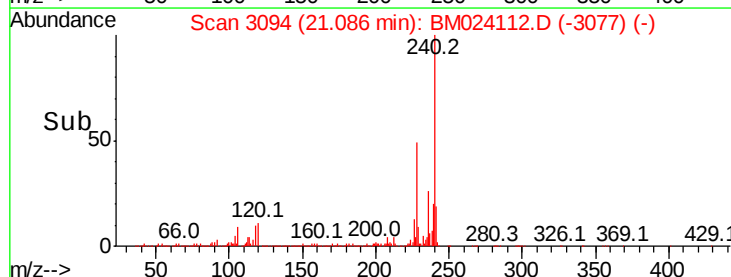


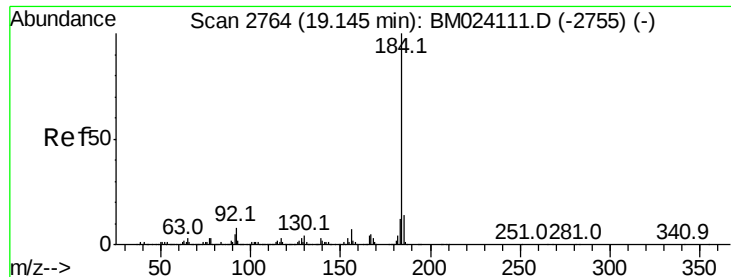
Abundance

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: 30.265 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

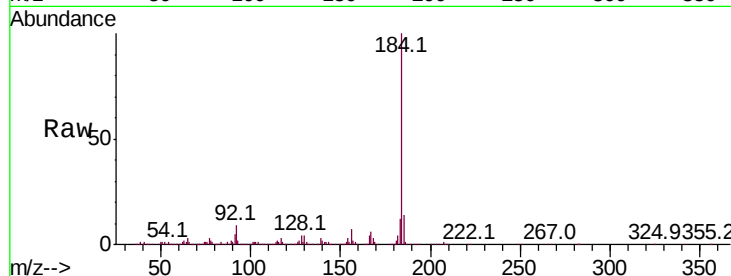
Tot Ion:184 Resp: 1951890

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.0	16.4
183	12.0	9.9	14.9

184 100

185 13.8 11.0 16.4

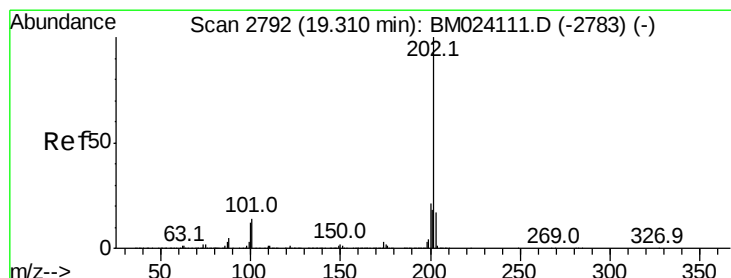
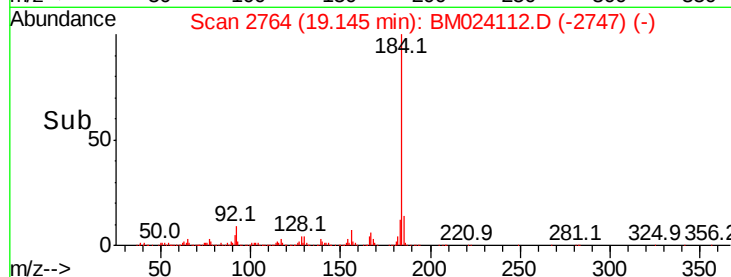
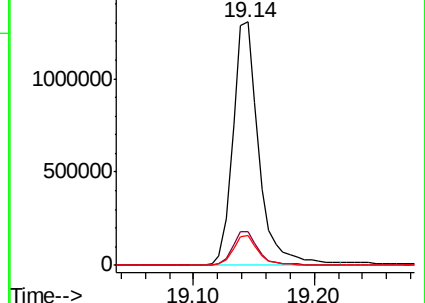
183 12.0 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.043 ng

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

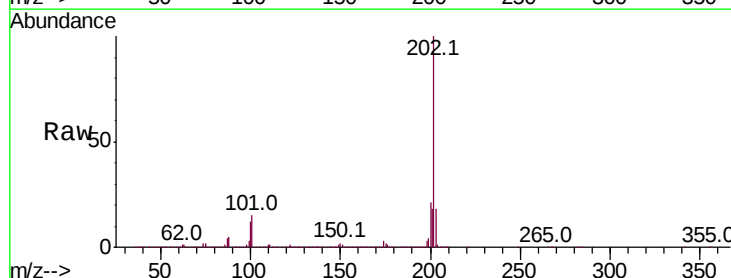
Tgt Ion:202 Resp: 8018100

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.8	14.0	21.0

202 100

200 21.4 17.1 25.7

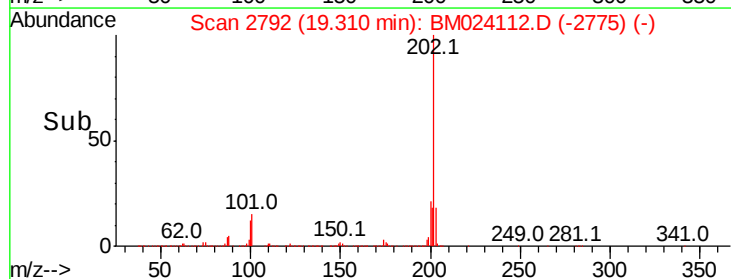
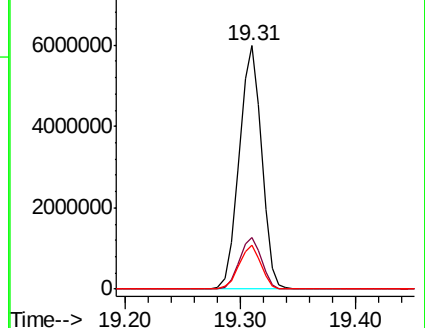
203 17.8 14.0 21.0

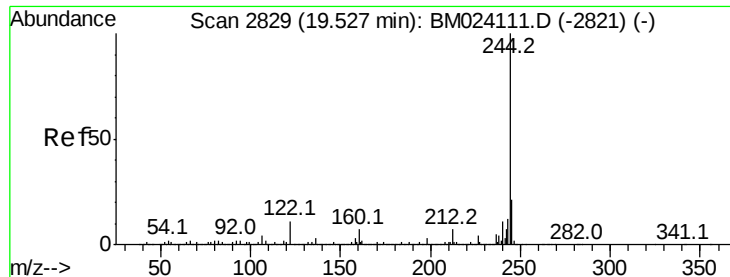


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.153 ng

RT: 19.53 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampleId :

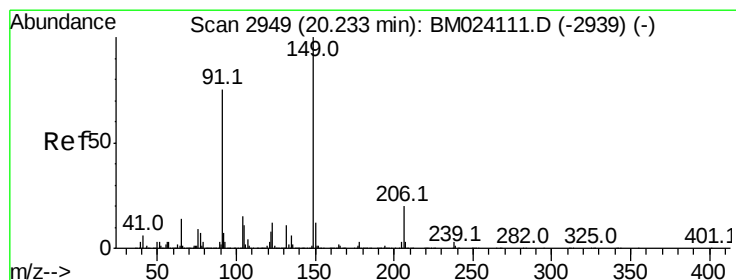
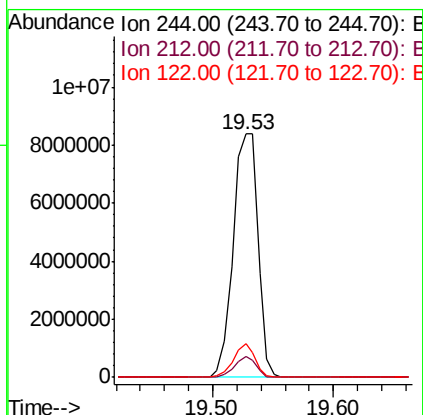
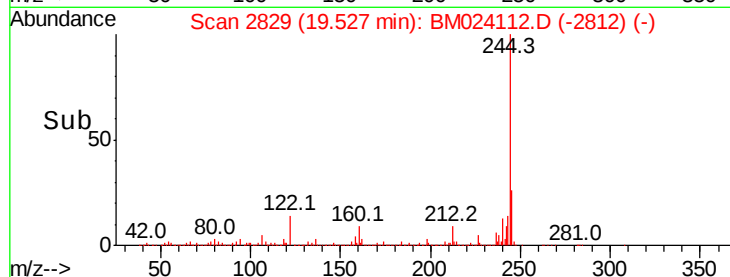
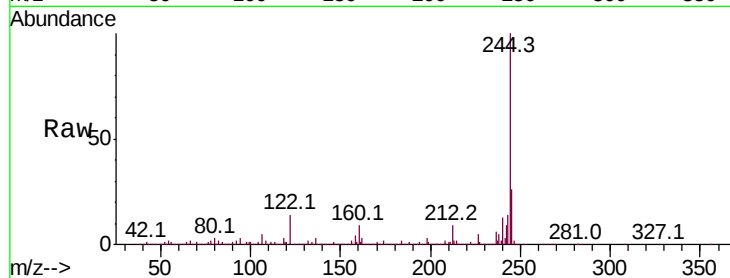
Tot Ion:244 Resp:12037915

Ion Ratio Lower Upper

244 100

212 8.8 5.6 8.4#

122 13.9 8.9 13.3#



#80

Butylbenzylphthalate

Concen: 63.808 ng

RT: 20.24 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

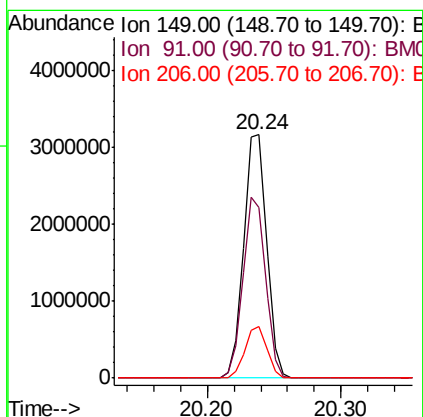
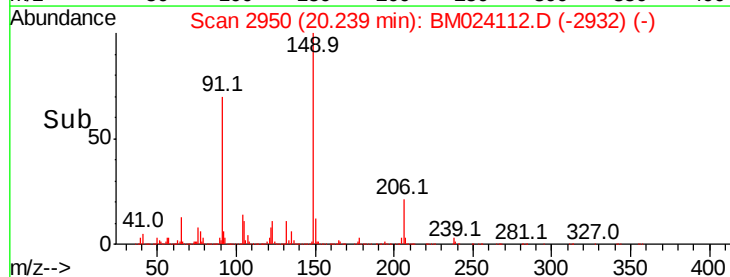
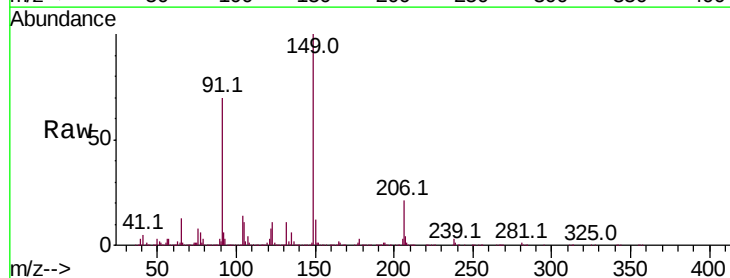
Tgt Ion:149 Resp: 3736157

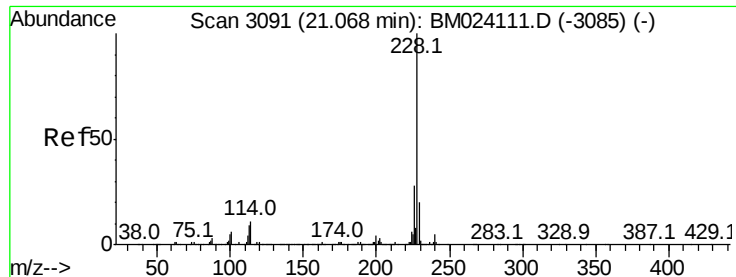
Ion Ratio Lower Upper

149 100

91 70.1 59.7 89.5

206 21.4 16.0 24.0





#81

Benzo(a)anthracene

Concen: 52.293 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

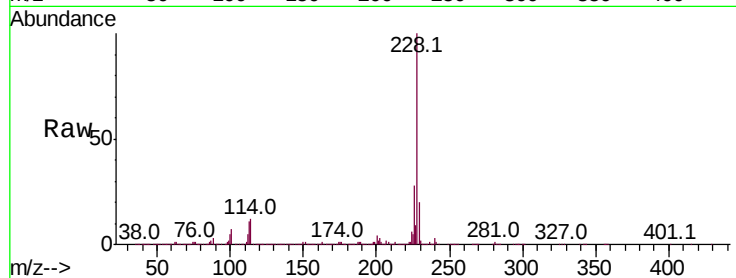
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 7967692

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.4	16.1	24.1

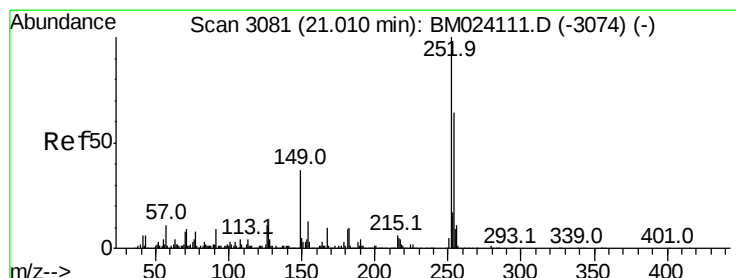
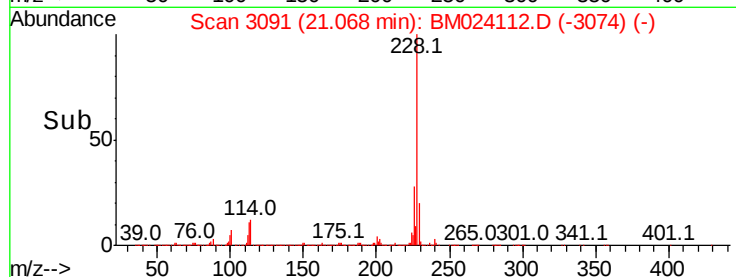
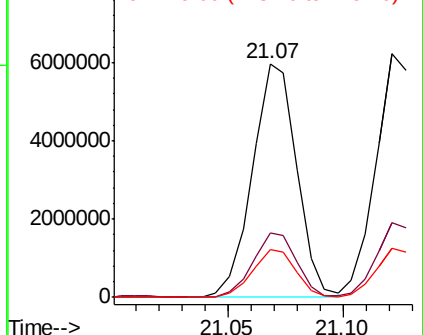


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 53.536 ng

RT: 21.01 min Scan# 3081

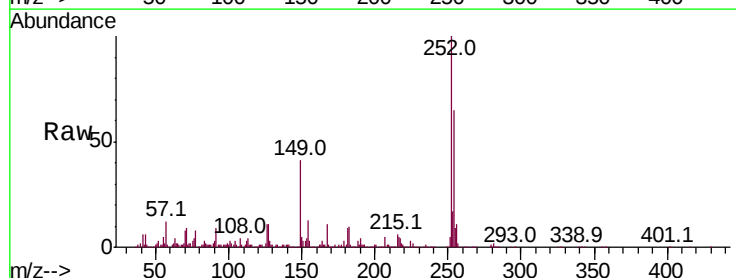
Delta R.T. -0.00 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:252 Resp: 2892760

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	11.0	8.6	13.0

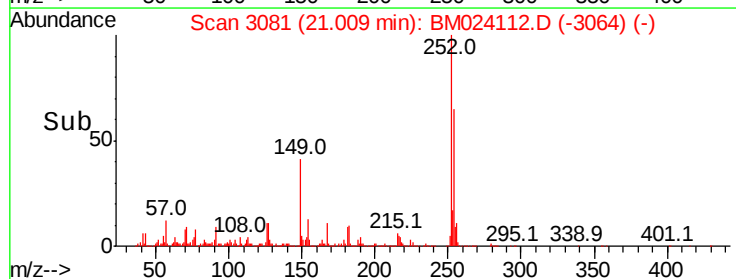
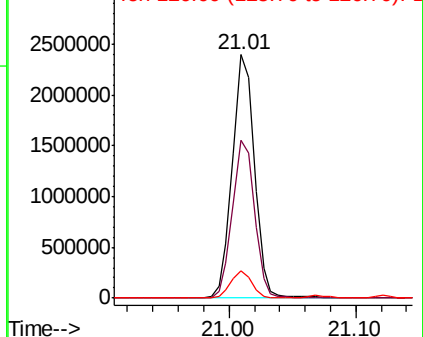


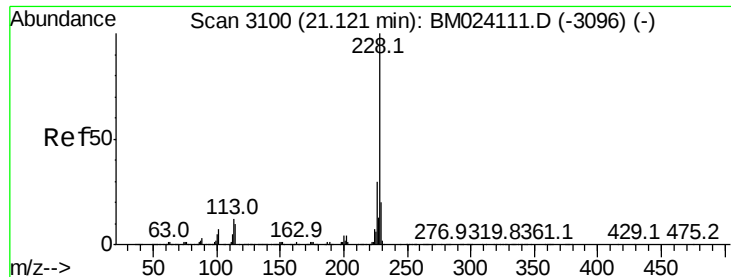
Abundance

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



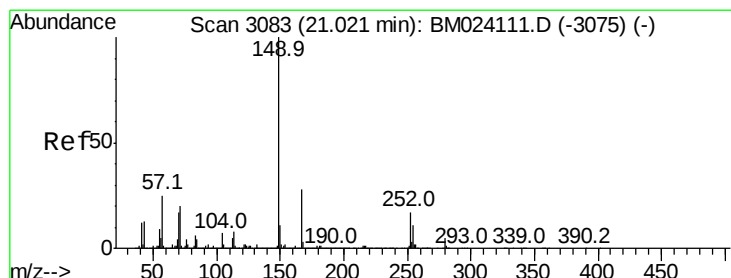
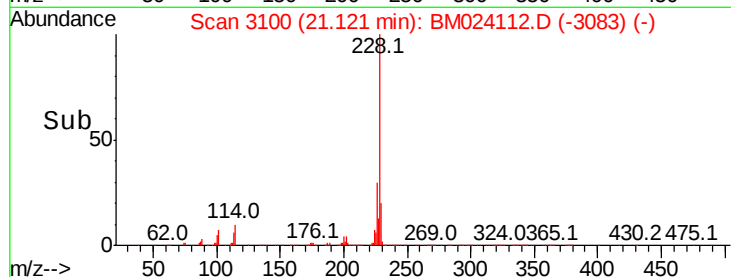
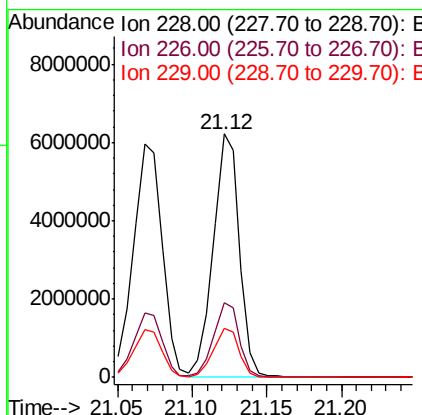
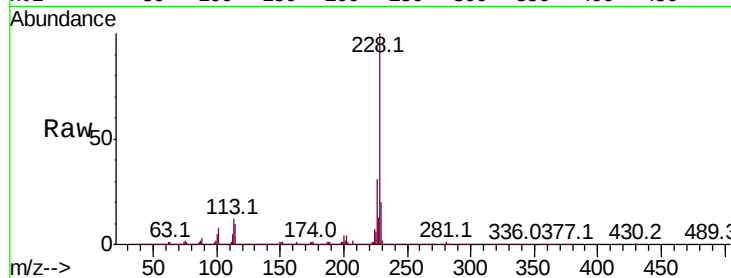


#83
 Chrysene
 Concen: 51.372 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 7588379

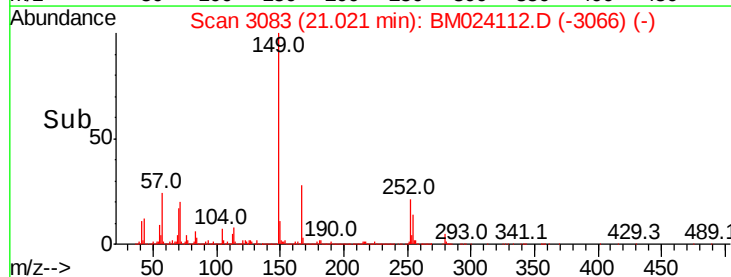
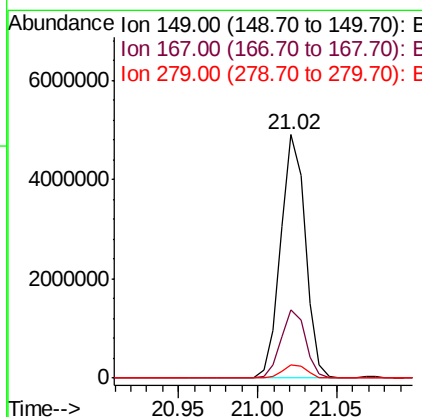
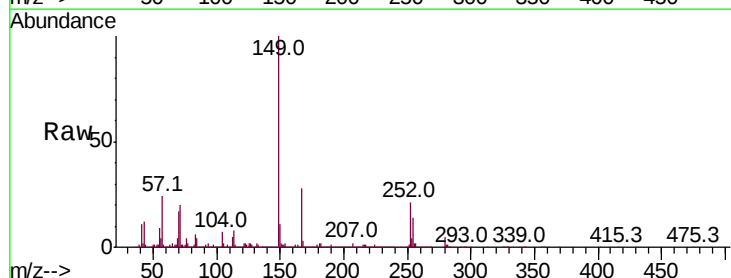
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.1	16.1	24.1

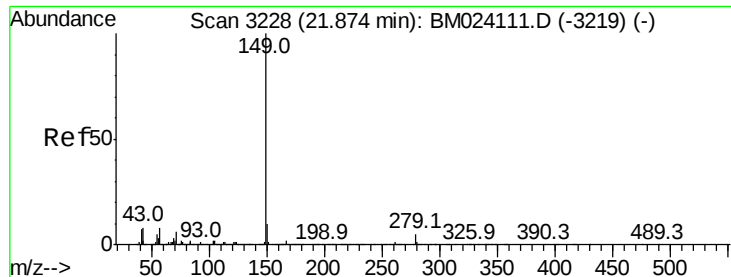


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.911 ng
 RT: 21.02 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BM024112.D
 Acq: 16 Dec 2019 17:21

Tgt Ion:149 Resp: 5284478

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	5.2	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 63.822 ng

RT: 21.88 min Scan# 3229

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :

BNA_M

ClientSampled :

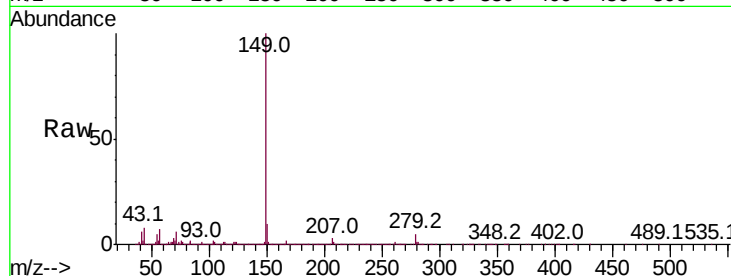
Tot Ion:149 Resp: 8824760

Ion Ratio Lower Upper

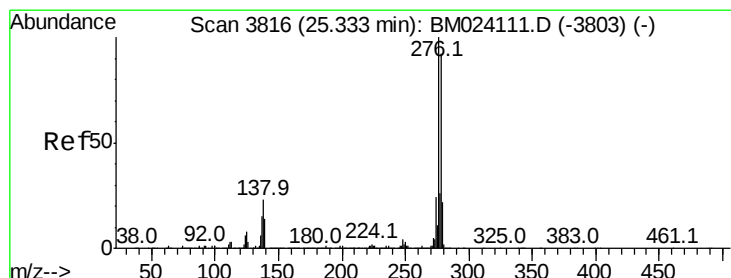
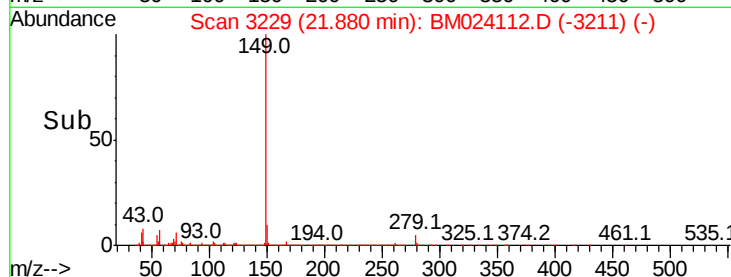
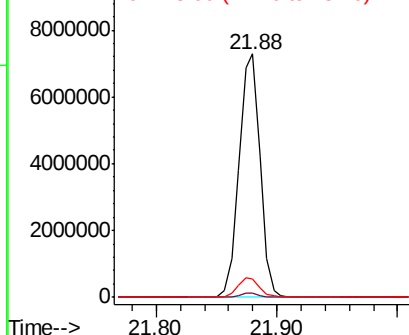
149 100

167 1.6 1.3 1.9

43 8.3 6.6 9.8



Abundance Ion 149.00 (148.70 to 149.70): E
1e+07 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: 54.452 ng

RT: 25.34 min Scan# 3817

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

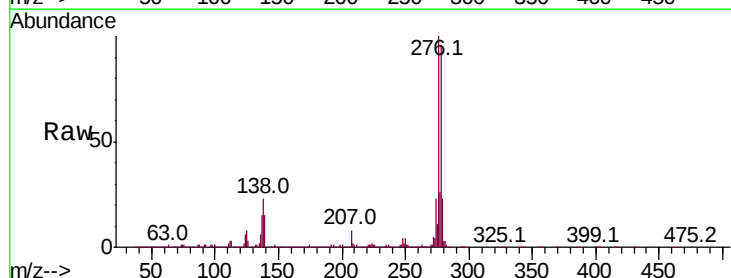
Tgt Ion:276 Resp: 9600229

Ion Ratio Lower Upper

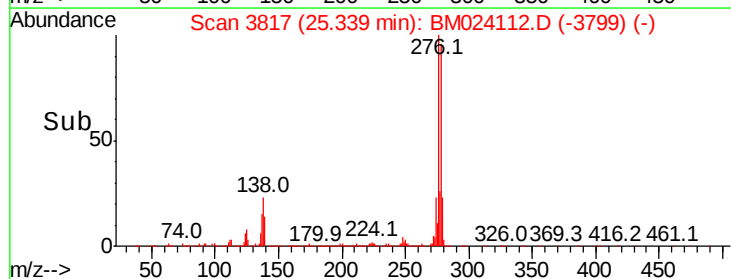
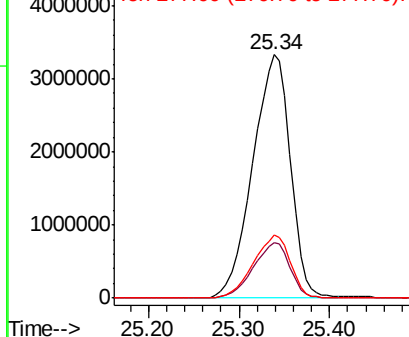
276 100

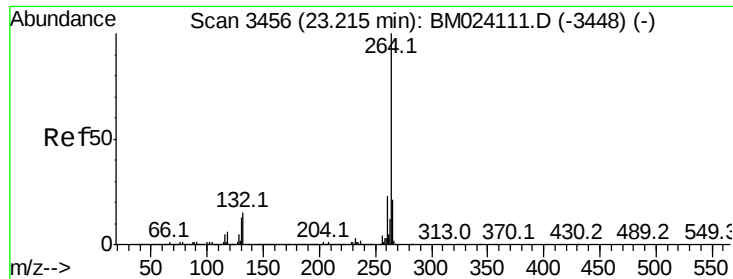
138 22.1 0.0 0.0#

277 25.4 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

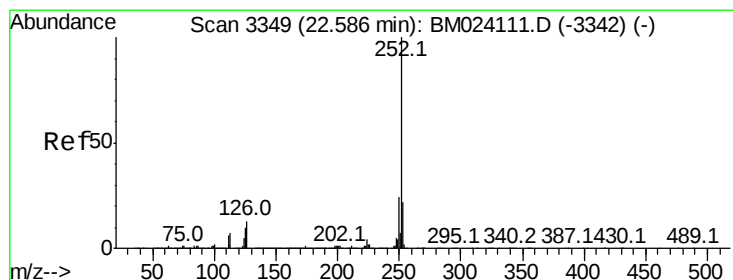
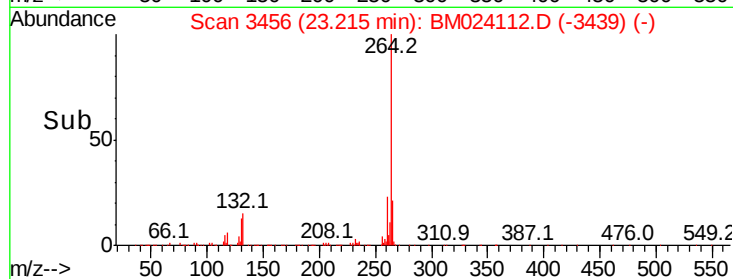
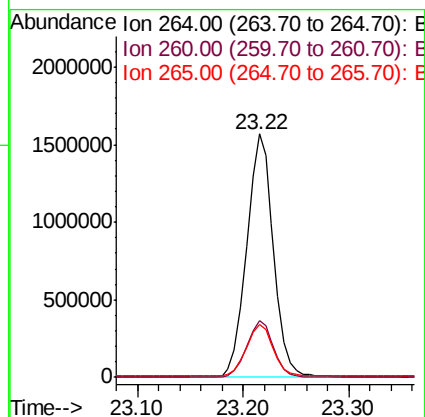
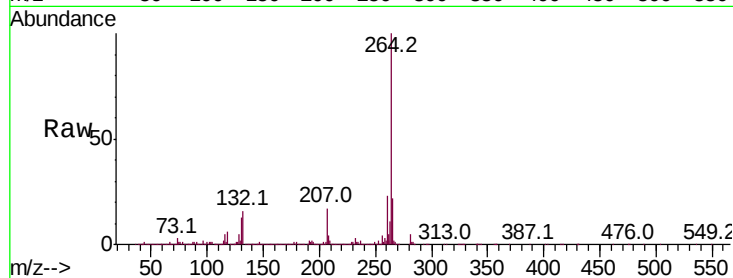
Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 2748986

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.8	17.4	26.0



#88

Benzo(b)fluoranthene

Concen: 52.449 ng

RT: 22.59 min Scan# 3350

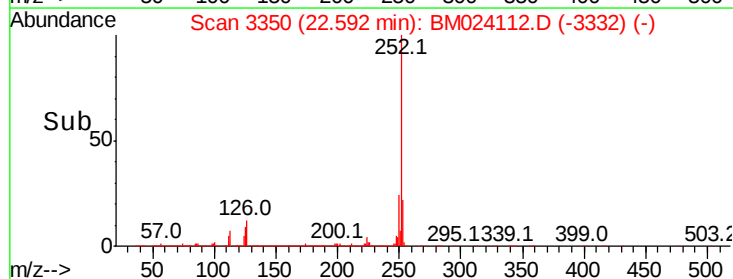
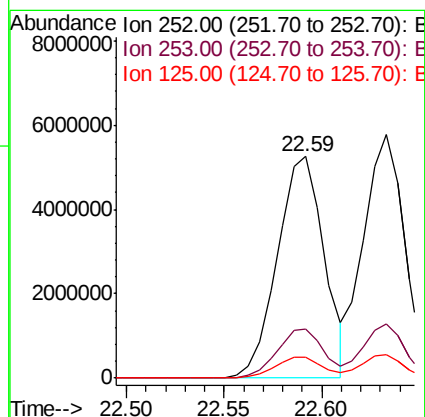
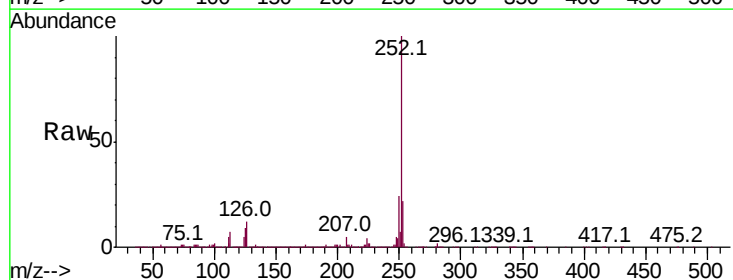
Delta R.T. 0.01 min

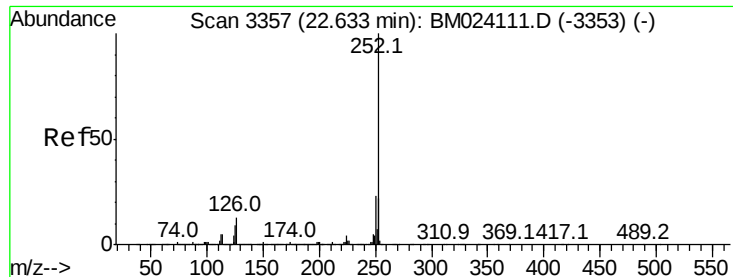
Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:252 Resp: 8729776

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.5	7.9	11.9

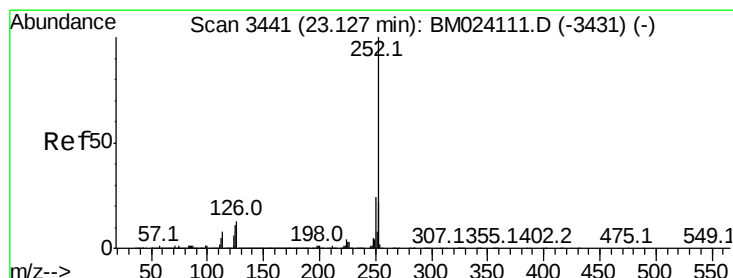
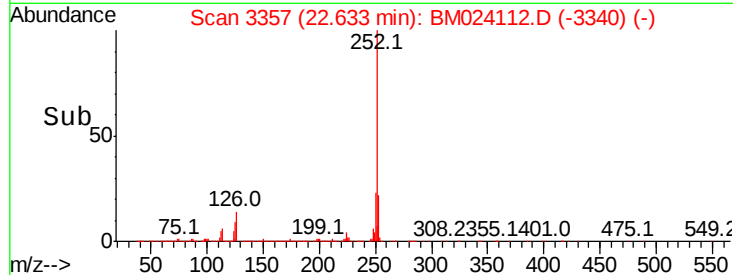
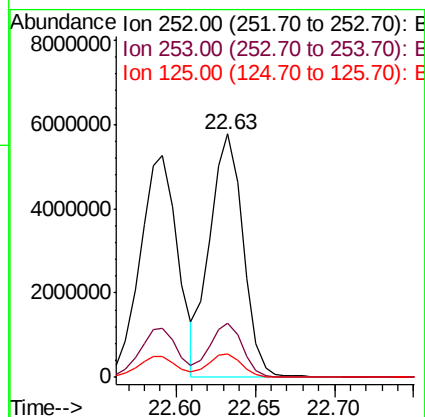
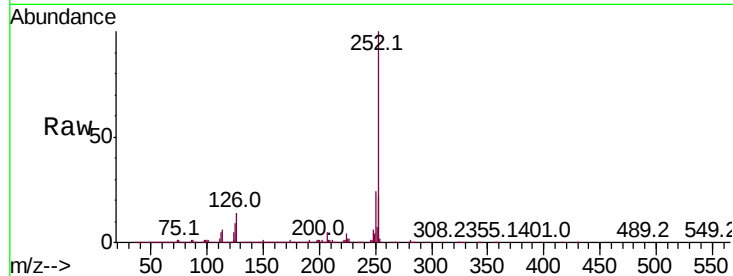




#89
Benzo(k)fluoranthene
Concen: 51.108 ng
RT: 22.63 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

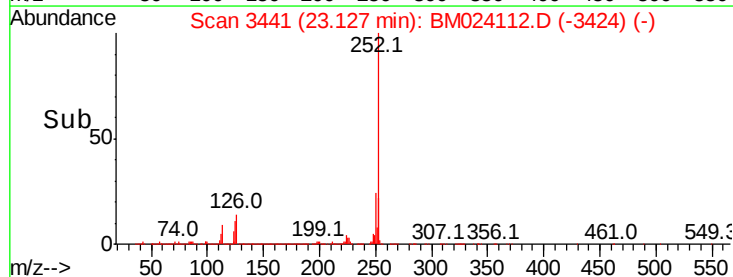
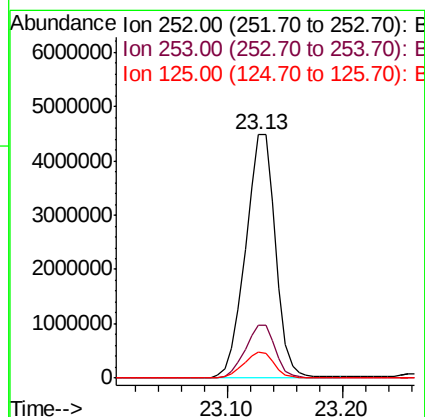
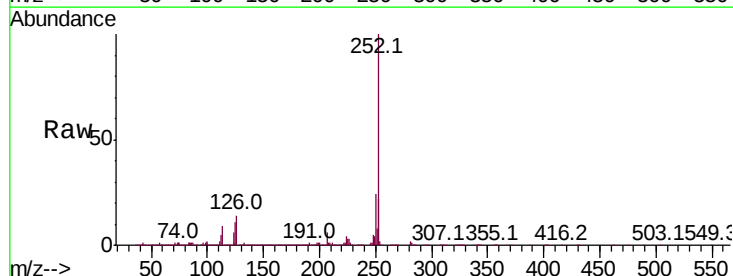
Instrument :
BNA_M
ClientSampleId :

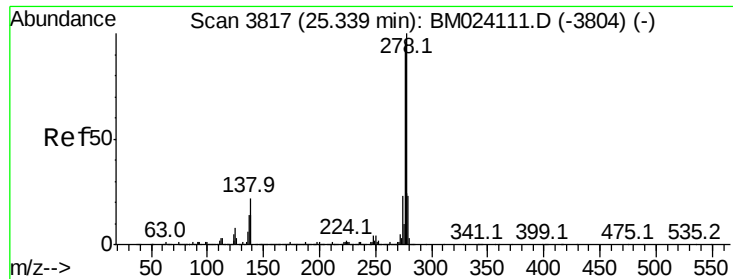
Tot Ion:252 Resp: 8440472
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 52.633 ng
RT: 23.13 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM024112.D
Acq: 16 Dec 2019 17:21

Tgt Ion:252 Resp: 8072321
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.8 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 49.768 ng

RT: 25.34 min Scan# 3818

Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

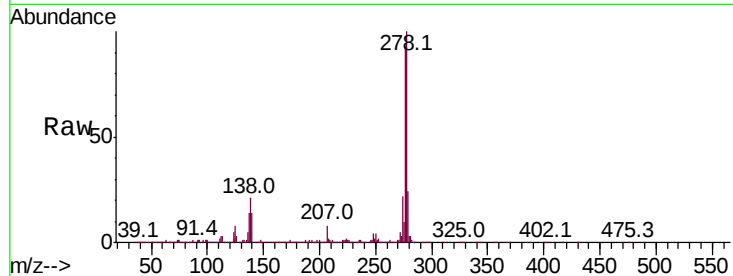
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 7984141

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.4	17.2
279	23.8	18.8	28.2

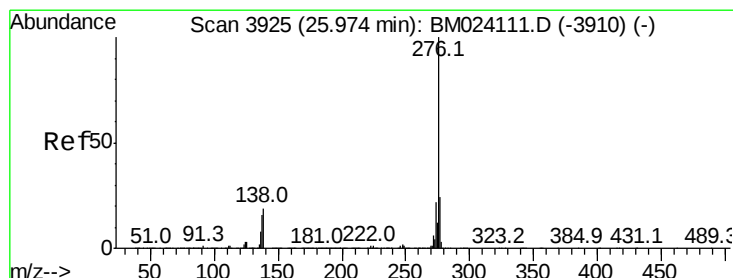
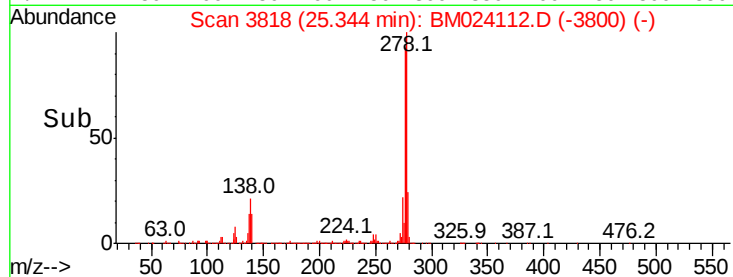
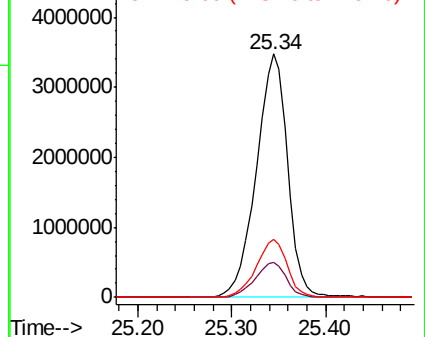


Abundance

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: 48.905 ng

RT: 25.98 min Scan# 3926

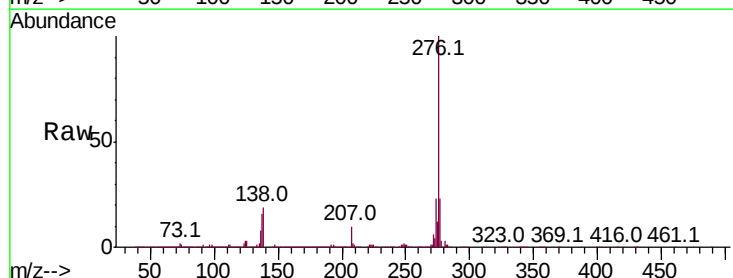
Delta R.T. 0.01 min

Lab File: BM024112.D

Acq: 16 Dec 2019 17:21

Tgt Ion:276 Resp: 7451799

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	19.1	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

