

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024111.D
 Acq On : 16 Dec 2019 16:45
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 16 17:28:46 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	364100	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1630097	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1088717	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2369729	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2408466	20.00	ng	0.00
87) Perylene-d12	23.22	264	2835634	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	1600086	69.70	ng	0.00
7) Phenol-d6	6.65	99	2457863	83.36	ng	0.00
23) Nitrobenzene-d5	8.61	82	2652787	90.34	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1170381	86.12	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	5944634	75.19	ng	0.00
79) Terphenyl-d14	19.53	244	10028755	80.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	342990	37.129	ng	# 100
3) Pyridine	3.43	79	1064990	43.738	ng	100
4) n-Nitrosodimethylamine	3.35	42	320550	36.163	ng	100
6) Aniline	6.80	93	1584525	44.816	ng	100
8) 2-Chlorophenol	7.03	128	945748	40.433	ng	100
9) Benzaldehyde	6.62	77	582854	34.715	ng	100
10) Phenol	6.68	94	1271321	45.797	ng	100
11) bis(2-Chloroethyl)ether	6.90	93	987783	45.290	ng	100
12) 1,3-Dichlorobenzene	7.35	146	1065197	38.102	ng	100
13) 1,4-Dichlorobenzene	7.49	146	1090345	38.525	ng	100
14) 1,2-Dichlorobenzene	7.80	146	1067284	39.554	ng	100
15) Benzyl Alcohol	7.71	79	955311	51.777	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1225240	38.673	ng	100
17) 2-Methylphenol	7.92	107	861561	46.889	ng	100
18) Hexachloroethane	8.52	117	406975	39.206	ng	100
19) n-Nitroso-di-n-propylamine	8.27	70	922365	56.017	ng	100
20) 3+4-Methylphenols	8.25	107	1194678	48.815	ng	100
22) Acetophenone	8.28	105	1693674	42.092	ng	100
24) Nitrobenzene	8.65	77	1292069	45.986	ng	100
25) Isophorone	9.18	82	2377785	49.245	ng	100
26) 2-Nitrophenol	9.36	139	563915	46.491	ng	100
27) 2,4-Dimethylphenol	9.43	122	813413	40.058	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	1502611	44.972	ng	100
29) 2,4-Dichlorophenol	9.89	162	972077	42.342	ng	100
30) 1,2,4-Trichlorobenzene	10.09	180	1090799	38.618	ng	100
31) Naphthalene	10.28	128	3276392	40.679	ng	100
32) Benzoic acid	9.61	122	706713	54.075	ng	100
33) 4-Chloroaniline	10.40	127	1464297	41.872	ng	100
34) Hexachlorobutadiene	10.56	225	625752	37.164	ng	100
35) Caprolactam	11.21	113	352559	51.800	ng	100
36) 4-Chloro-3-methylphenol	11.55	107	1157445	51.675	ng	100
37) 2-Methylnaphthalene	11.90	142	2425483	43.262	ng	100
38) 1-Methylnaphthalene	12.13	142	2326029	43.707	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1208382	32.756	ng	100

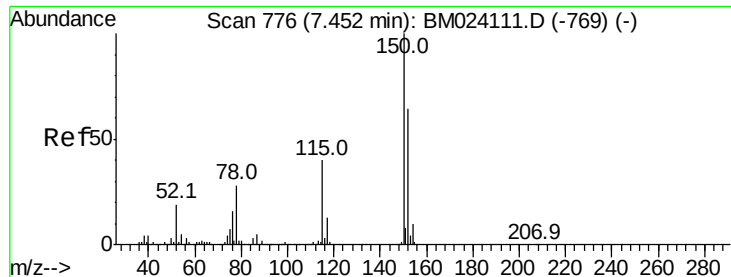
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	432590	21.492	ng	100
43) 2,4,6-Trichlorophenol	12.53	196	836138	39.271	ng	100
44) 2,4,5-Trichlorophenol	12.61	196	854093	38.494	ng	100
46) 1,1'-Biphenyl	12.94	154	3267016	36.257	ng	100
47) 2-Chloronaphthalene	12.98	162	2583697	38.471	ng	100
48) 2-Nitroaniline	13.20	65	873947	49.974	ng	100
49) Acenaphthylene	13.83	152	4027814	40.500	ng	100
50) Dimethylphthalate	13.59	163	3339477	42.444	ng	100
51) 2,6-Dinitrotoluene	13.71	165	729489	44.325	ng	100
52) Acenaphthene	14.18	154	2451801	37.682	ng	100
53) 3-Nitroaniline	14.04	138	812942	42.908	ng	100
54) 2,4-Dinitrophenol	14.26	184	397590	51.166	ng	100
55) Dibenzofuran	14.52	168	3860125	40.638	ng	100
56) 4-Nitrophenol	14.37	139	603730	41.458	ng	100
57) 2,4-Dinitrotoluene	14.52	165	1037628	48.127	ng	100
58) Fluorene	15.17	166	3212836	41.623	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	801403	41.416	ng	100
60) Diethylphthalate	14.97	149	3408021	44.548	ng	100
61) 4-Chlorophenyl-phenylether	15.18	204	1586210	39.994	ng	100
62) 4-Nitroaniline	15.22	138	811557	40.857	ng	100
63) Azobenzene	15.47	77	3343773	48.400	ng	100
65) 4,6-Dinitro-2-methylphenol	15.29	198	533312	48.055	ng	100
66) n-Nitrosodiphenylamine	15.40	169	2793461	38.586	ng	100
67) 4-Bromophenyl-phenylether	16.07	248	1038621	39.406	ng	100
68) Hexachlorobenzene	16.19	284	1264020	41.123	ng	100
69) Atrazine	16.36	200	747405	31.758	ng	100
70) Pentachlorophenol	16.53	266	622193	37.956	ng	100
71) Phenanthrene	16.92	178	5132481	38.384	ng	100
72) Anthracene	17.00	178	5035248	38.855	ng	100
73) Carbazole	17.29	167	4783846	39.670	ng	100
74) Di-n-butylphthalate	17.86	149	5923482	43.320	ng	100
75) Fluoranthene	18.95	202	5957573	39.484	ng	100
77) Benzidine	19.15	184	2066926	31.283	ng	100
78) Pyrene	19.31	202	6123187	38.794	ng	100
80) Butylbenzylphthalate	20.23	149	2806256	46.781	ng	100
81) Benzo(a)anthracene	21.07	228	6141082	39.342	ng	100
82) 3,3'-Dichlorobenzidine	21.01	252	2256913	40.770	ng	100
83) Chrysene	21.12	228	5857467	38.706	ng	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	4047864	45.542	ng	100
85) Di-n-octyl phthalate	21.87	149	6801772	48.016	ng	100
86) Indeno(1,2,3-cd)pyrene	25.33	276	7532706	41.704	ng	# 100
88) Benzo(b)fluoranthene	22.59	252	6836597	39.820	ng	100
89) Benzo(k)fluoranthene	22.63	252	6413555	37.648	ng	100
90) Benzo(a)pyrene	23.13	252	6204702	39.220	ng	100
91) Dibenzo(a,h)anthracene	25.34	278	6242498	37.723	ng	100
92) Benzo(g,h,i)perylene	25.97	276	5877024	37.391	ng	100

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

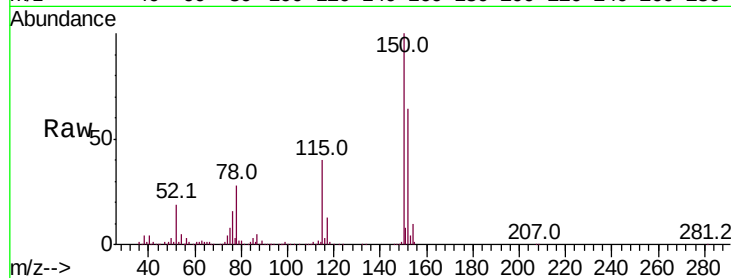


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.0	187.6
115	62.2	49.8	74.6

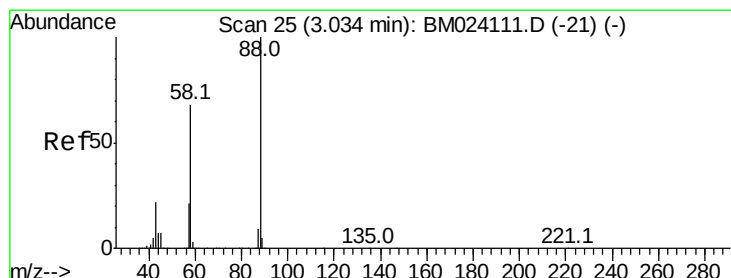
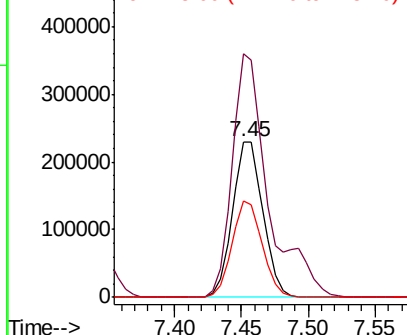
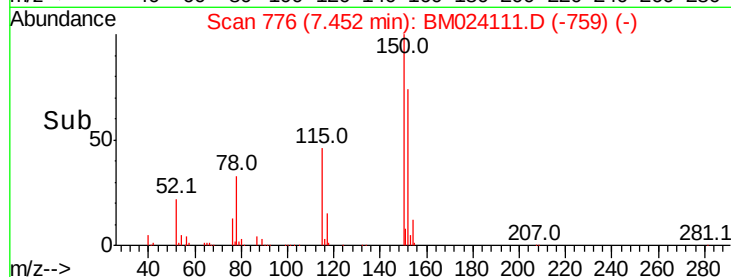


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

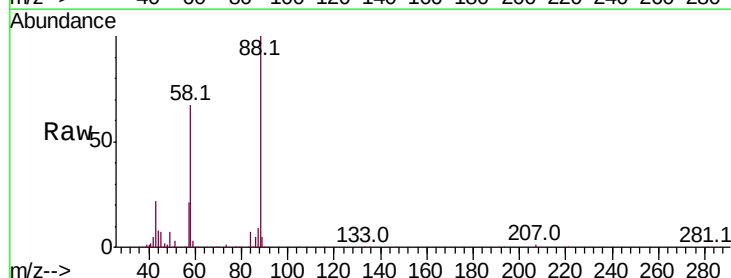
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.129 ng
RT: 3.03 min Scan# 25
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	0.0	0.0#
43	23.4	0.0	0.0#

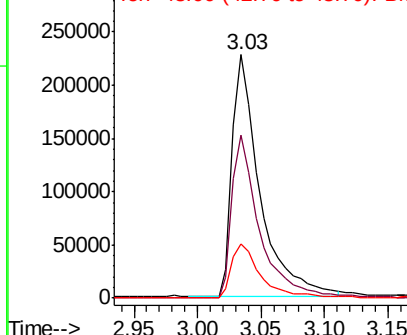
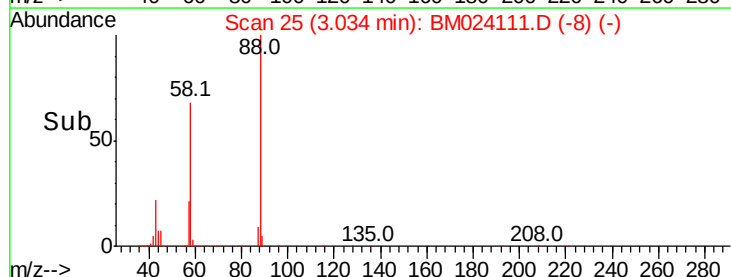


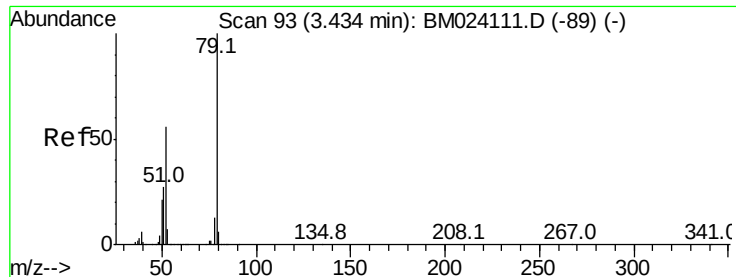
Abundance

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: 43.738 ng

RT: 3.43 min Scan# 93

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

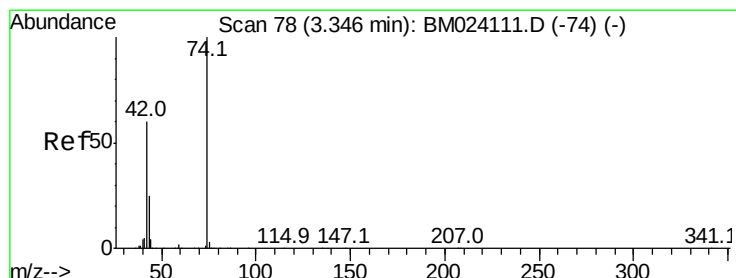
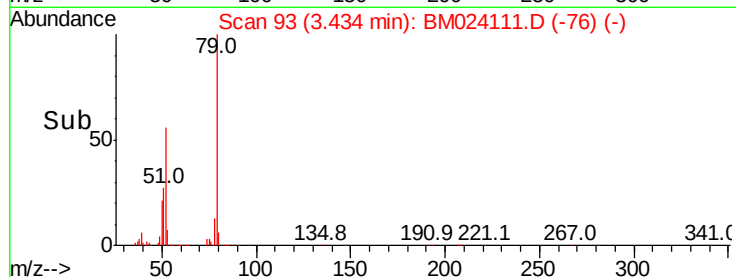
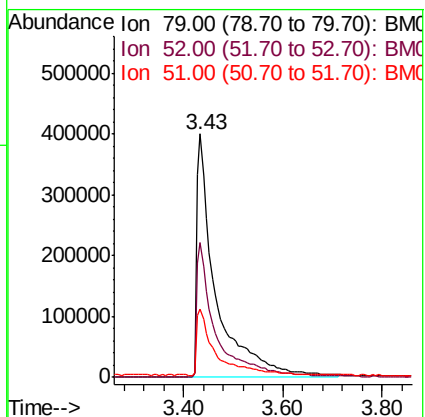
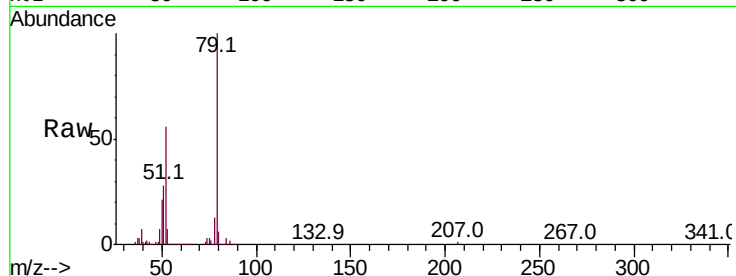
Tot Ion: 79 Resp: 1064990

Ion Ratio Lower Upper

79 100

52 55.6 44.5 66.7

51 28.2 22.6 33.8



#4

n-Nitrosodimethylamine

Concen: 36.163 ng

RT: 3.35 min Scan# 78

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

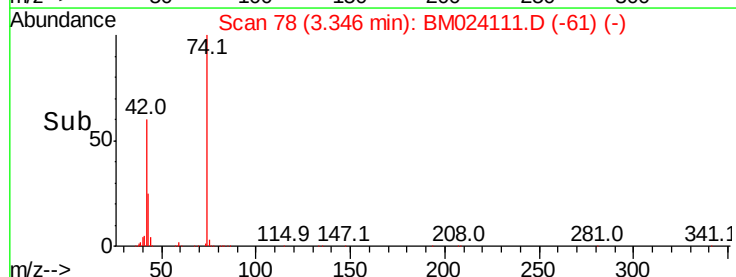
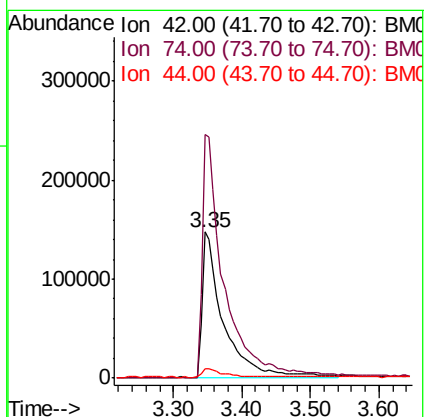
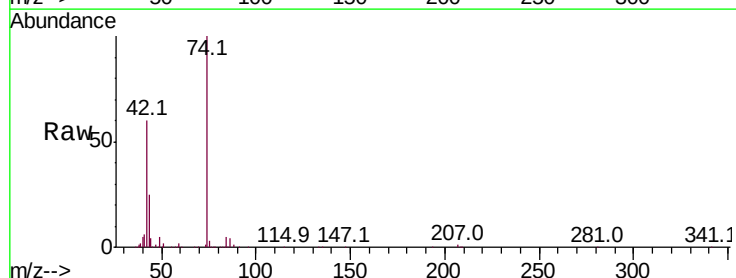
Tgt Ion: 42 Resp: 320550

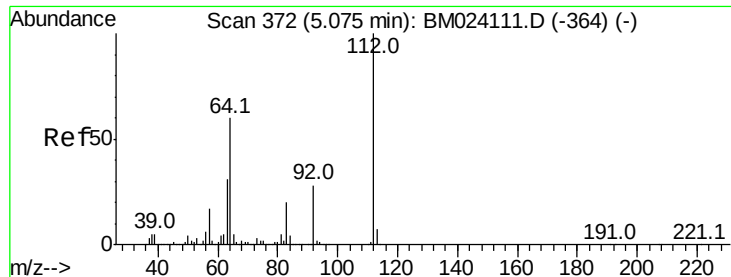
Ion Ratio Lower Upper

42 100

74 167.0 133.6 200.4

44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 69.697 ng

RT: 5.08 min Scan# 372

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampled :

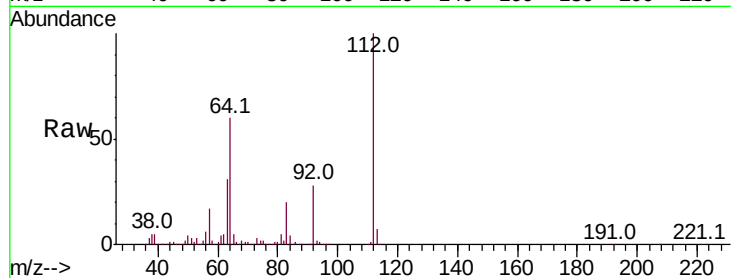
Tot Ion:112 Resp: 1600086

Ion Ratio Lower Upper

112 100

64 60.5 48.4 72.6

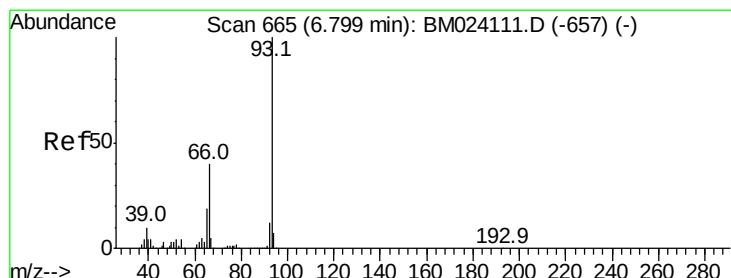
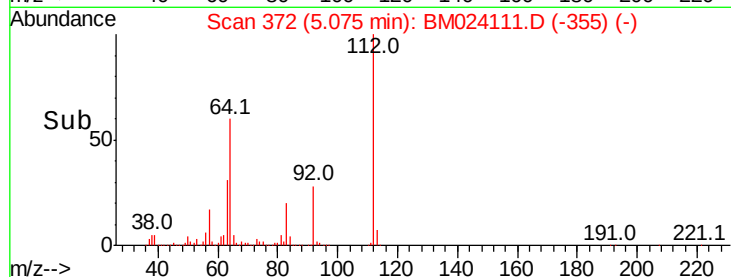
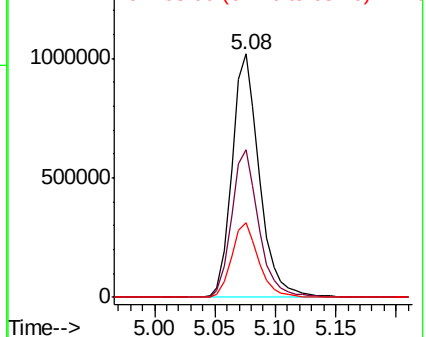
63 30.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 44.816 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

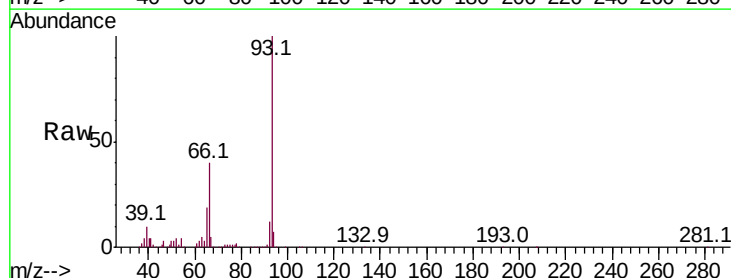
Tgt Ion: 93 Resp: 1584525

Ion Ratio Lower Upper

93 100

66 40.0 32.0 48.0

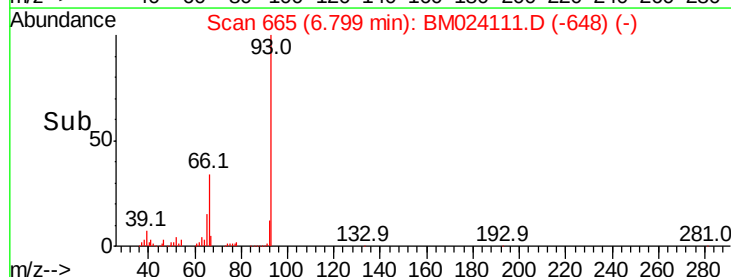
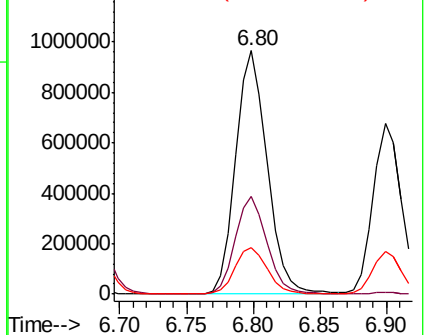
65 19.2 15.4 23.0

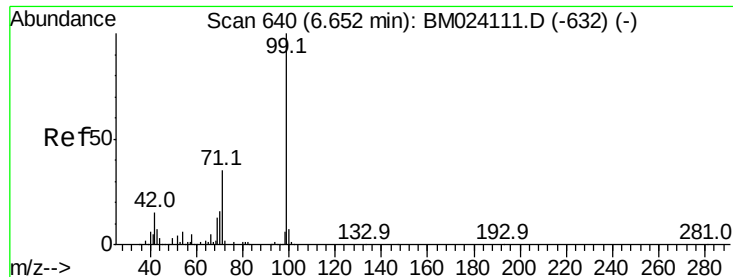


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.356 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

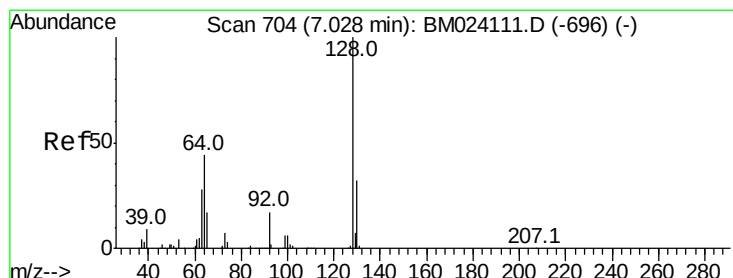
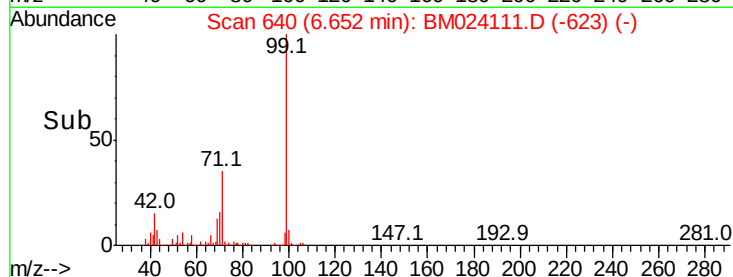
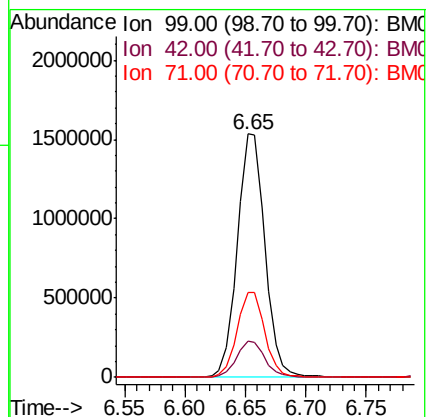
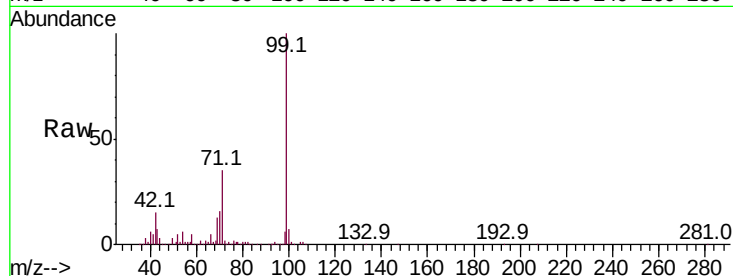
Tot Ion: 99 Resp: 2457863

Ion Ratio Lower Upper

99 100

42 14.9 11.9 17.9

71 35.0 28.0 42.0



#8

2-Chlorophenol

Concen: 40.433 ng

RT: 7.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

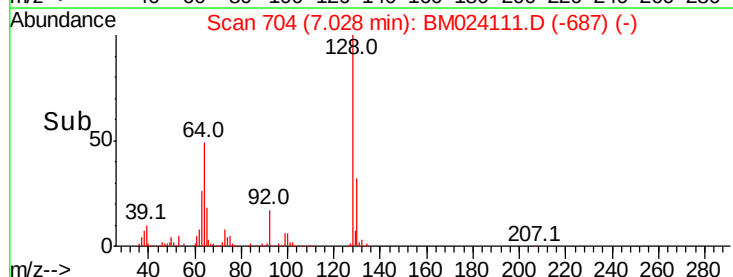
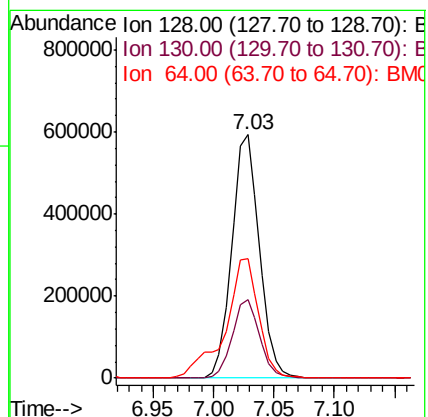
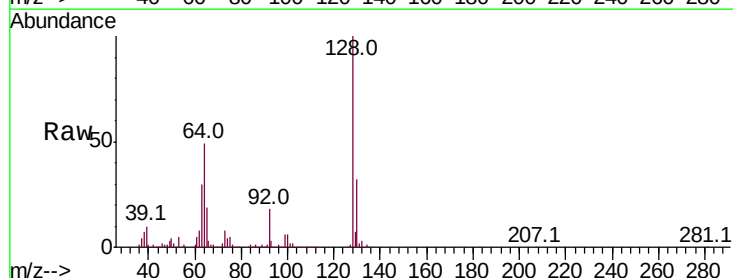
Tgt Ion: 128 Resp: 945748

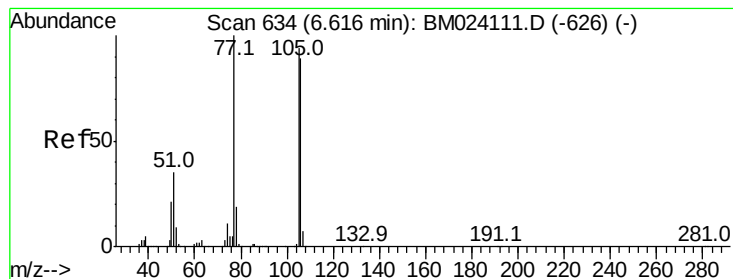
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 48.9 28.9 68.9





#9

Benzaldehyde

Concen: 34.715 ng

RT: 6.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

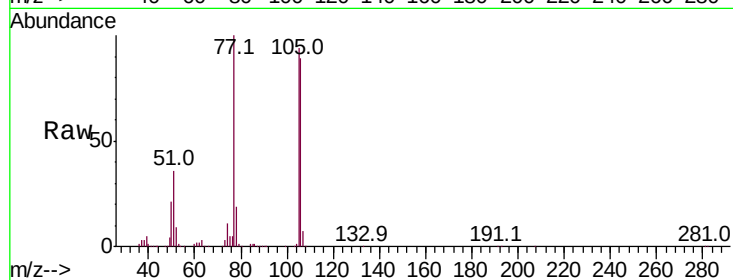
Tot Ion: 77 Resp: 582854

Ion Ratio Lower Upper

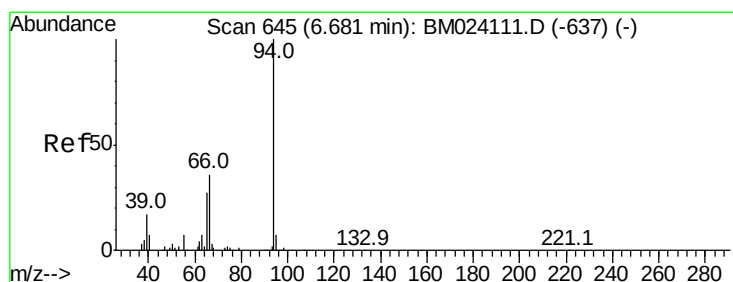
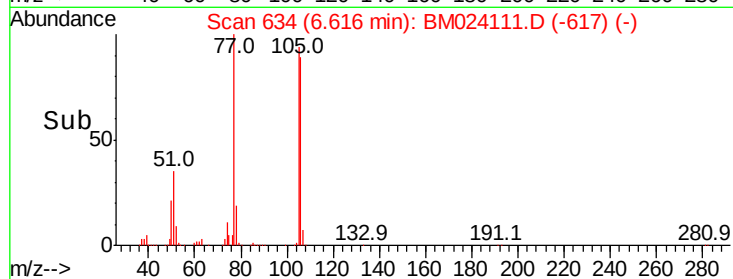
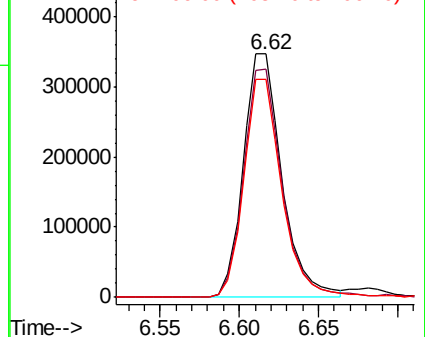
77 100

105 93.9 73.9 113.9

106 89.3 69.3 109.3



Abundance Ion 77.00 (76.70 to 77.70): BMD
Ion 105.00 (104.70 to 105.70): BMD
Ion 106.00 (105.70 to 106.70): BMD



#10

Phenol

Concen: 45.797 ng

RT: 6.68 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

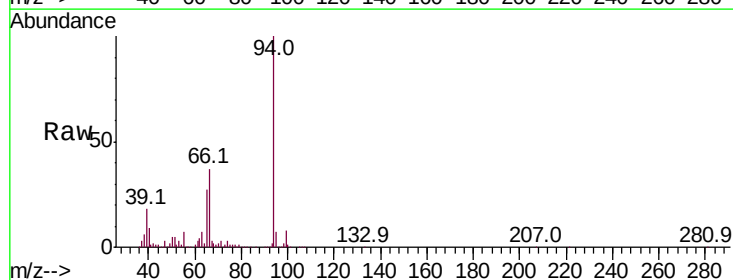
Tgt Ion: 94 Resp: 1271321

Ion Ratio Lower Upper

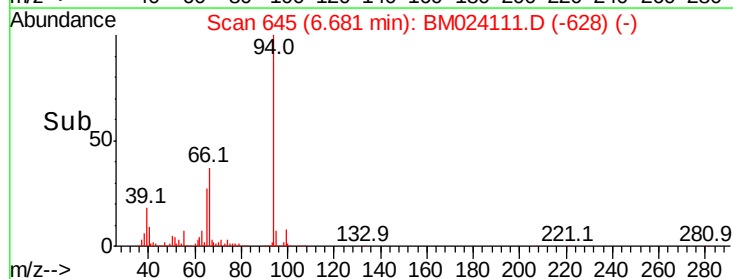
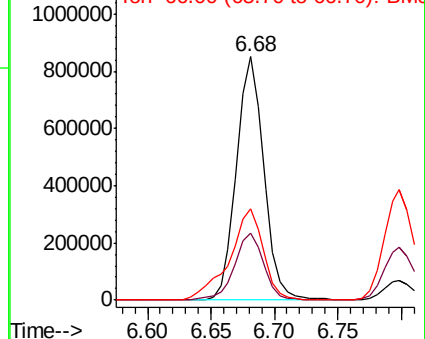
94 100

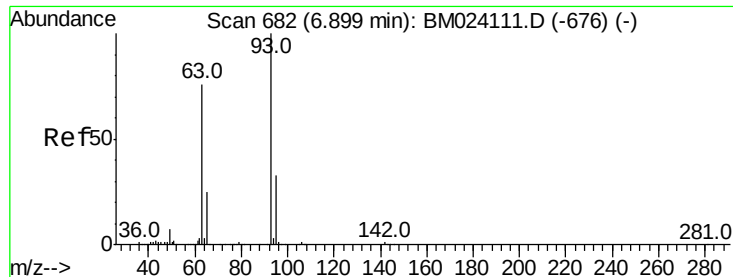
65 27.3 7.3 47.3

66 37.3 17.3 57.3



Abundance Ion 94.00 (93.70 to 94.70): BMD
Ion 65.00 (64.70 to 65.70): BMD
Ion 66.00 (65.70 to 66.70): BMD

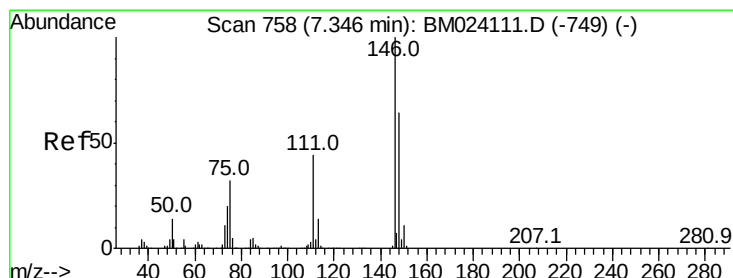
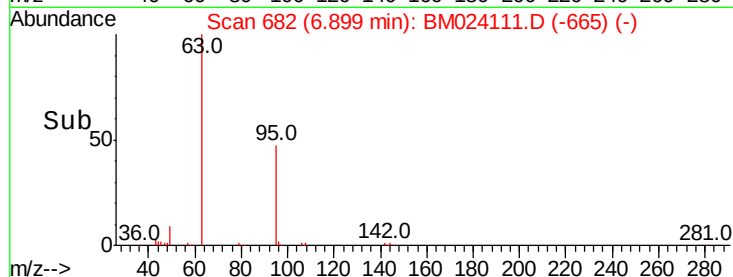
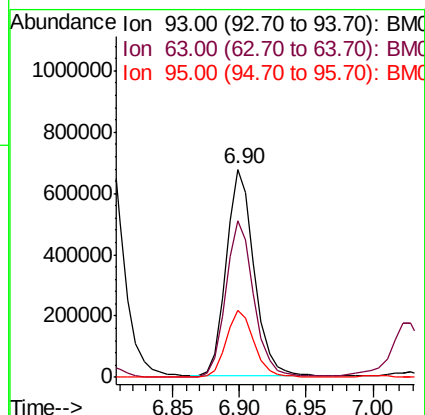
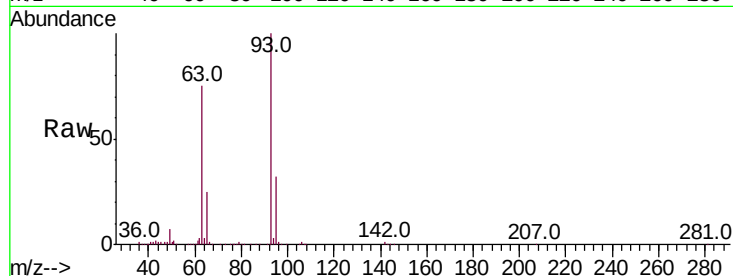




#11
bis(2-Chloroethyl)ether
Concen: 45.290 ng
RT: 6.90 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

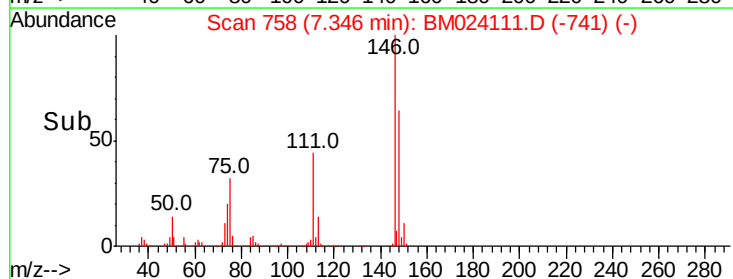
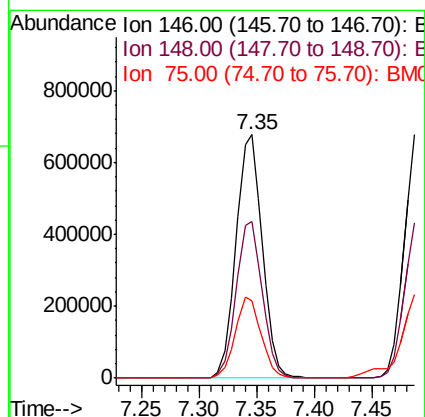
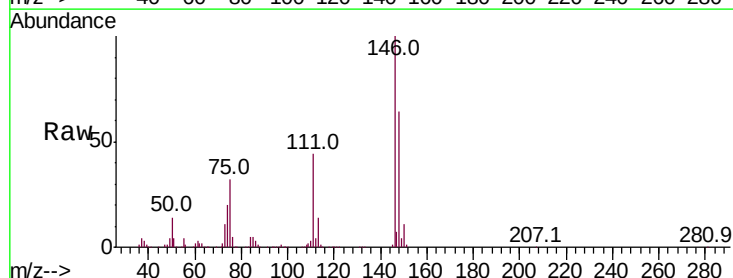
Instrument :
BNA_M
ClientSampleId :

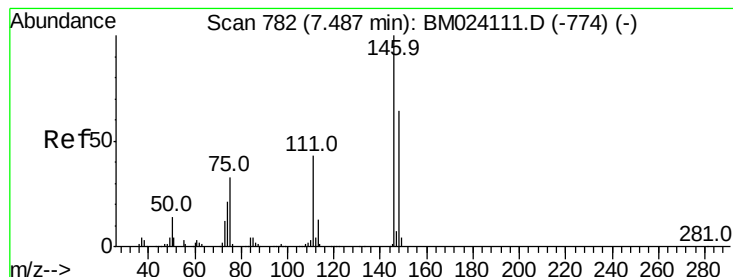
Tot Ion: 93 Resp: 987783
Ion Ratio Lower Upper
93 100
63 75.0 55.0 95.0
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.102 ng
RT: 7.35 min Scan# 758
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion: 146 Resp: 1065197
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 31.9 25.5 38.3





#13

1,4-Dichlorobenzene

Concen: 38.525 ng

RT: 7.49 min Scan# 782

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

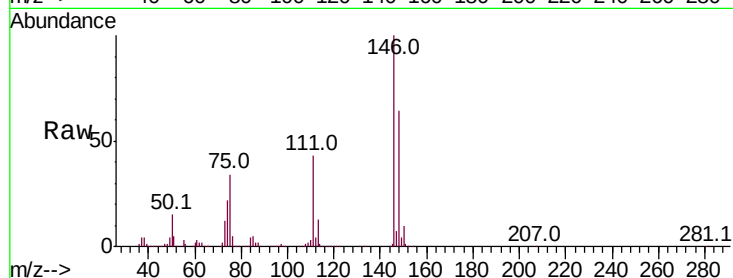
Tot Ion:146 Resp: 1090345

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

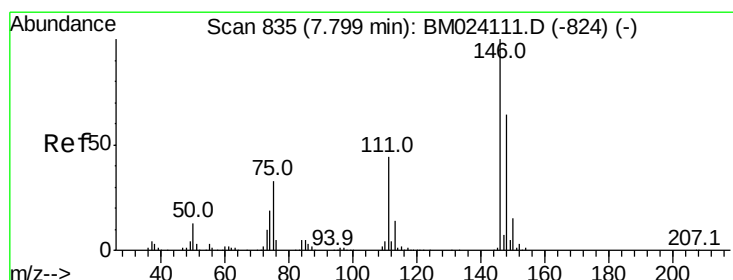
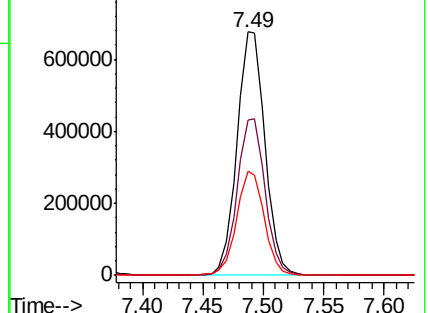
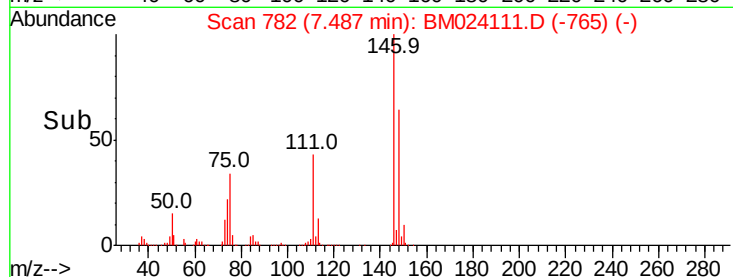
111 42.8 34.2 51.4



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: 39.554 ng

RT: 7.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

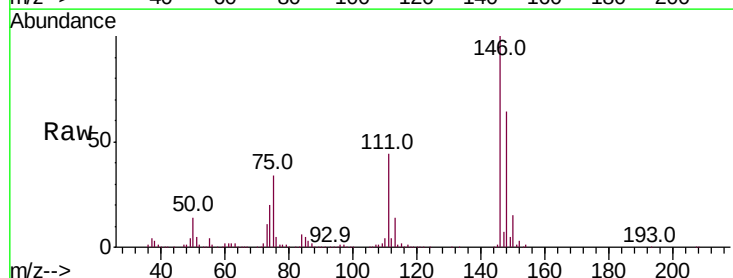
Tgt Ion:146 Resp: 1067284

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

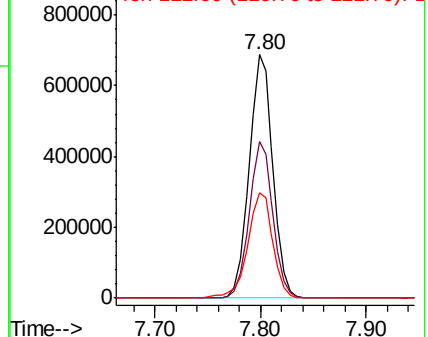
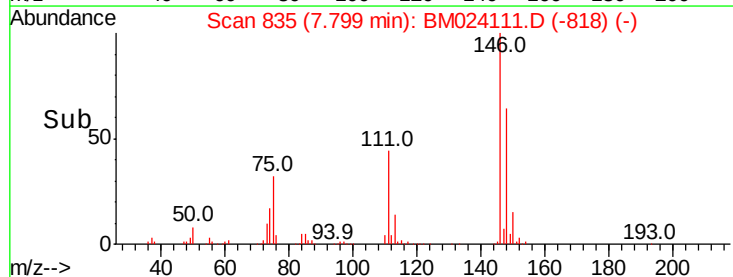
111 43.5 34.8 52.2

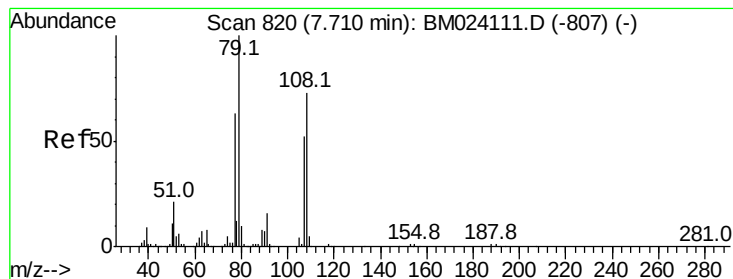


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.777 ng

RT: 7.71 min Scan# 820

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

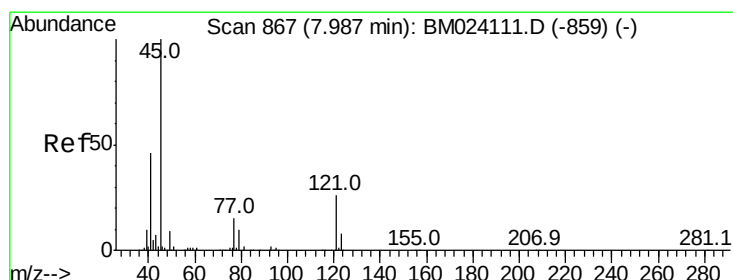
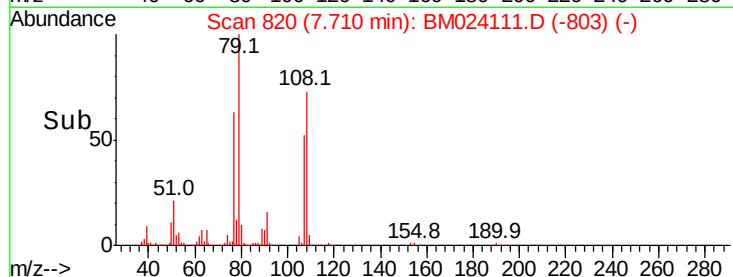
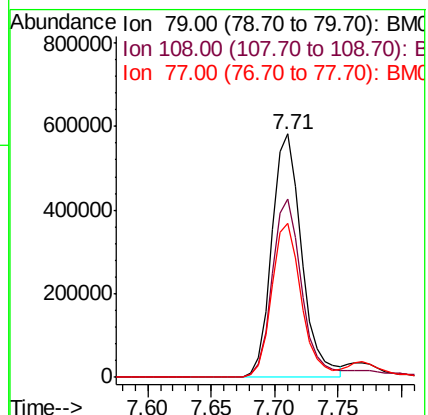
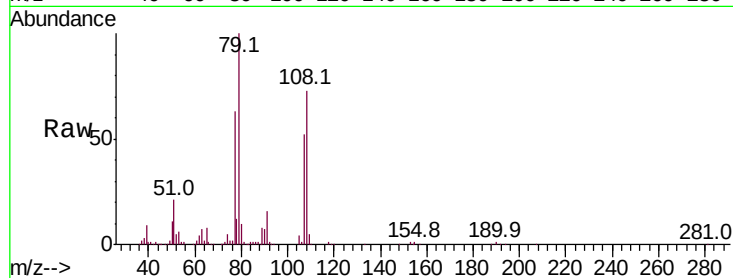
Tot Ion: 79 Resp: 955311

Ion Ratio Lower Upper

79 100

108 73.4 58.7 88.1

77 63.4 50.7 76.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.673 ng

RT: 7.99 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

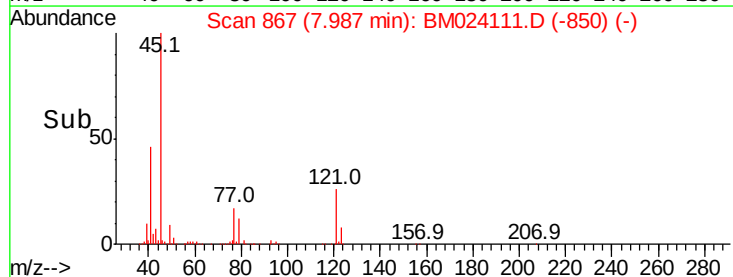
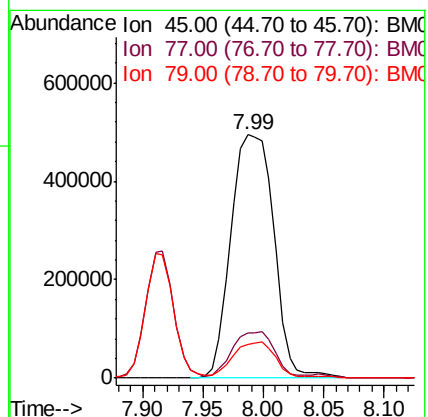
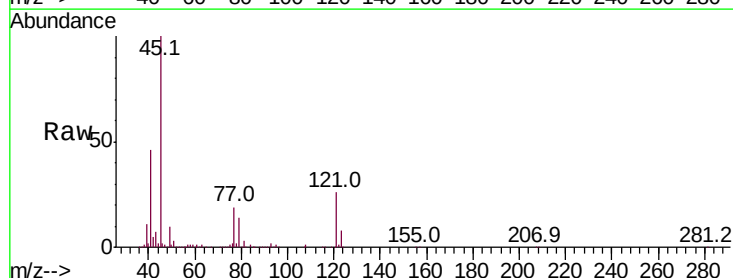
Tgt Ion: 45 Resp: 1225240

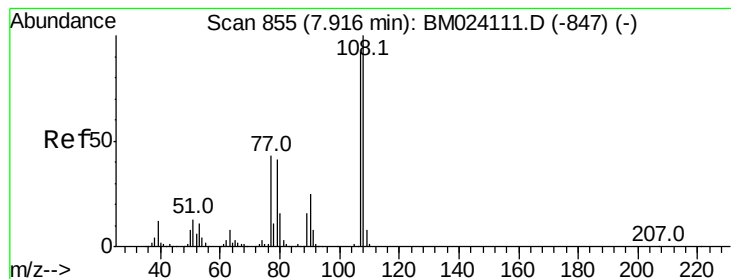
Ion Ratio Lower Upper

45 100

77 18.7 0.0 38.7

79 13.8 0.0 33.8

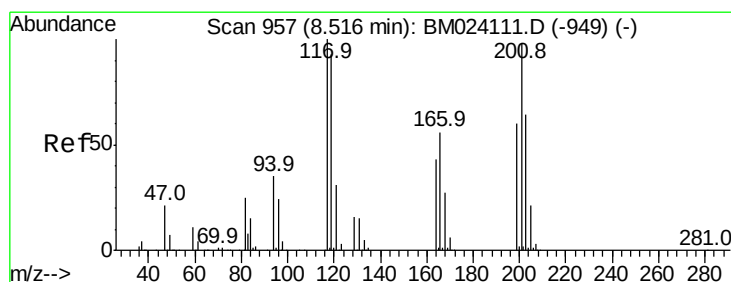
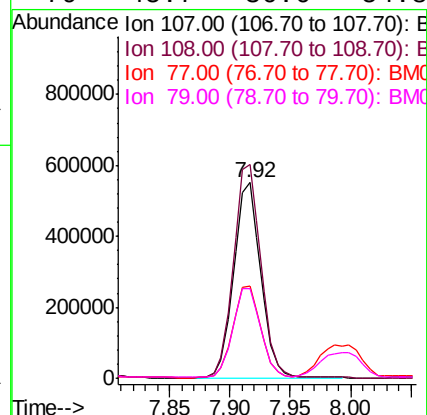
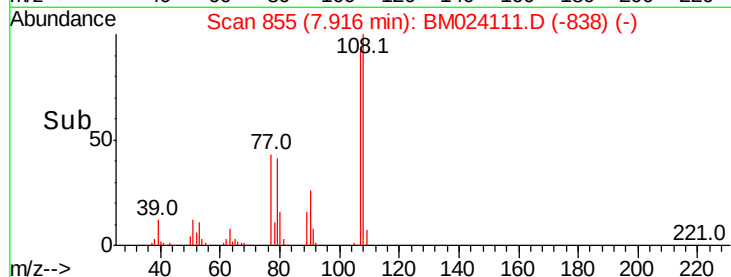
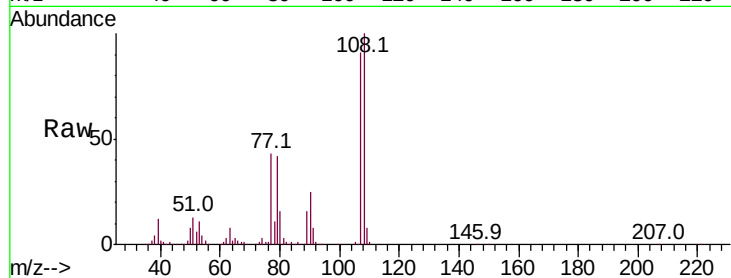




#17
2-Methylphenol
Concen: 46.889 ng
RT: 7.92 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

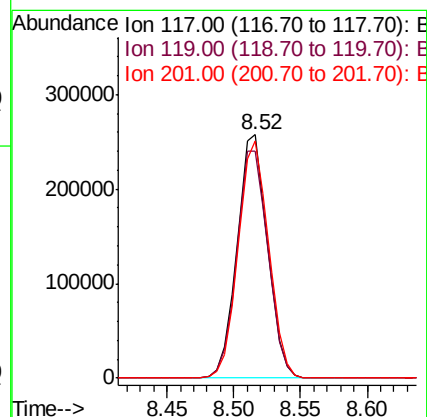
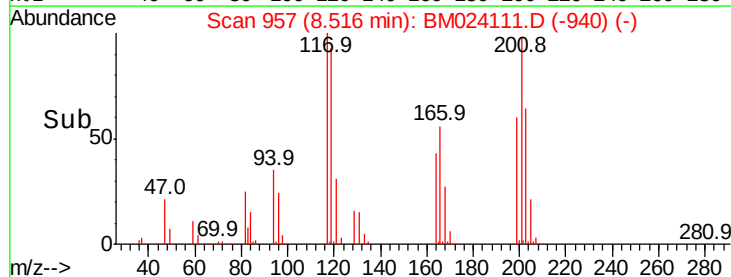
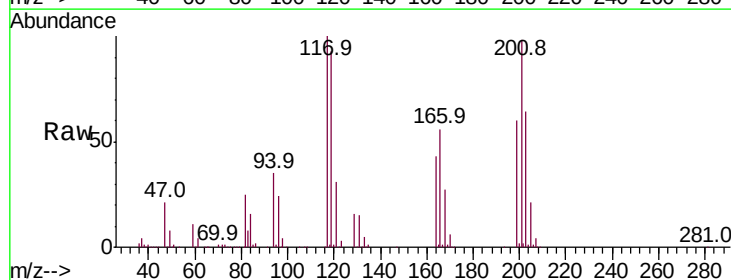
Instrument :
BNA_M
ClientSampled :

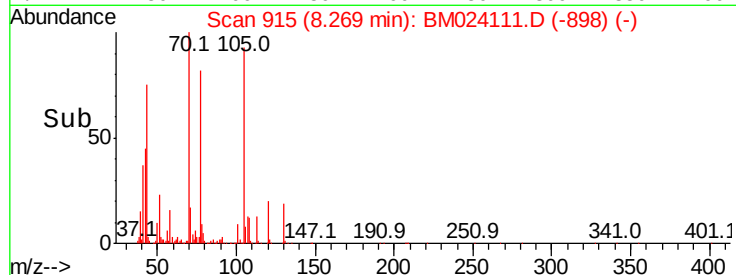
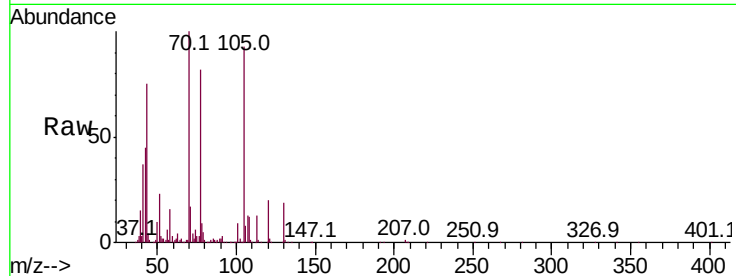
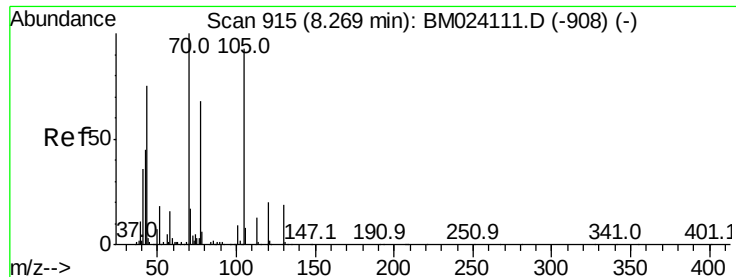
Tot Ion:107 Resp: 861561
Ion Ratio Lower Upper
107 100
108 109.4 87.5 131.3
77 47.0 37.6 56.4
79 45.7 36.6 54.8



#18
Hexachloroethane
Concen: 39.206 ng
RT: 8.52 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:117 Resp: 406975
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
201 97.7 78.2 117.2

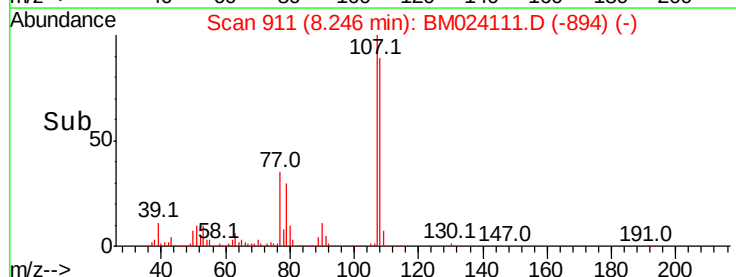
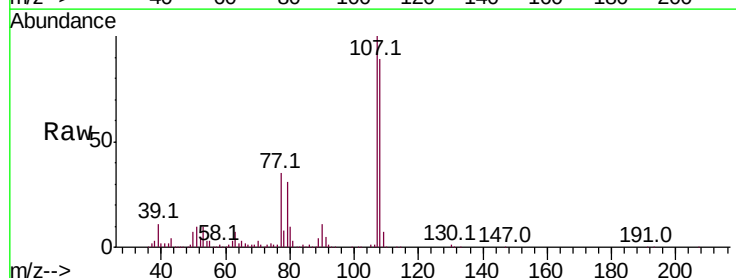
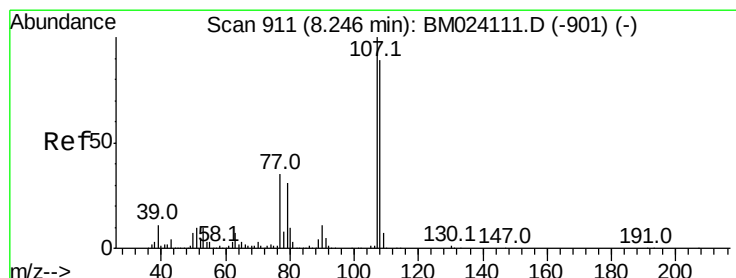
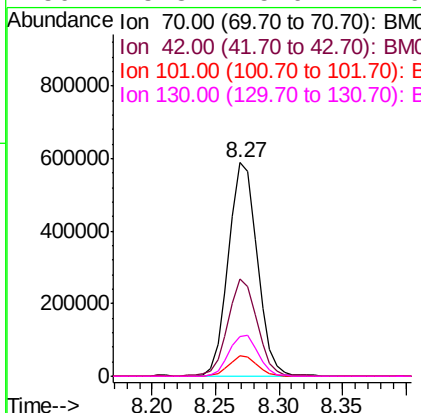




#19
n-Nitroso-di-n-propylamine
Concen: 56.017 ng
RT: 8.27 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

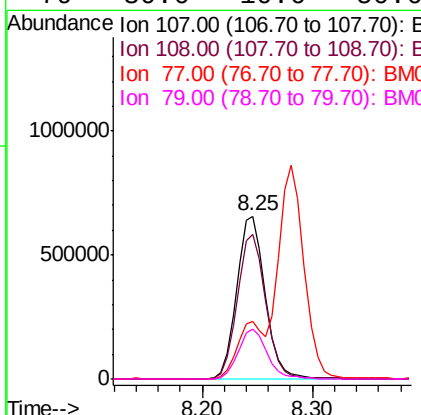
Instrument :
BNA_M
ClientSampleId :

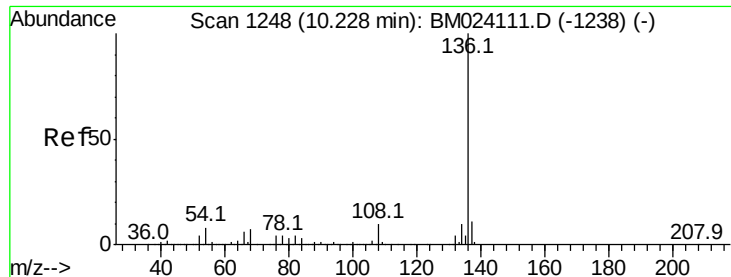
Tot Ion:	70	Resp:	922365
Ion	Ratio	Lower	Upper
70	100		
42	45.4	36.3	54.5
101	9.4	7.5	11.3
130	18.8	15.0	22.6



#20
3+4-Methylphenols
Concen: 48.815 ng
RT: 8.25 min Scan# 911
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:	107	Resp:	1194678
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.9	108.9
77	35.1	15.1	55.1
79	30.6	10.6	50.6



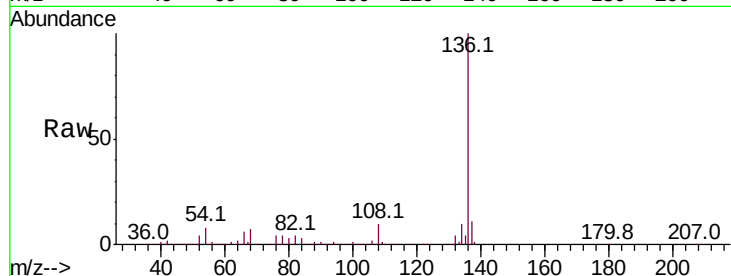


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

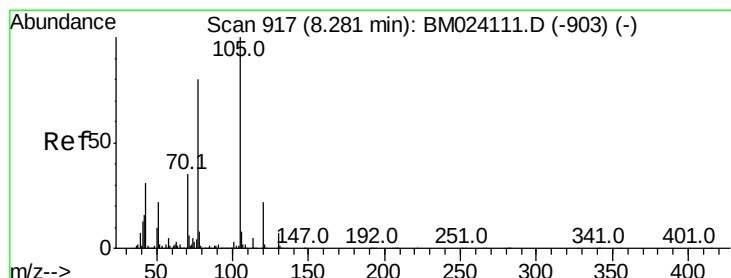
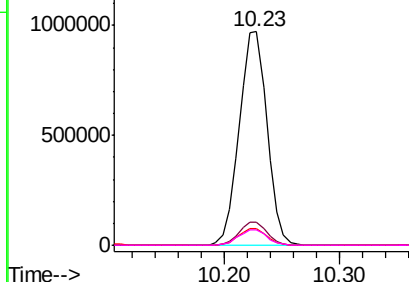
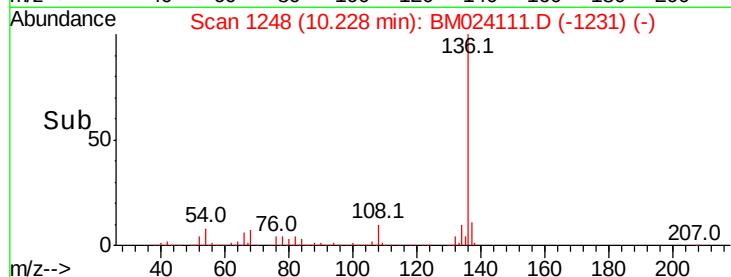
Instrument :
BNA_M
ClientSampled :

Tot Ion:136 Resp: 1630097

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.5	6.0	9.0
68	7.2	5.8	8.6



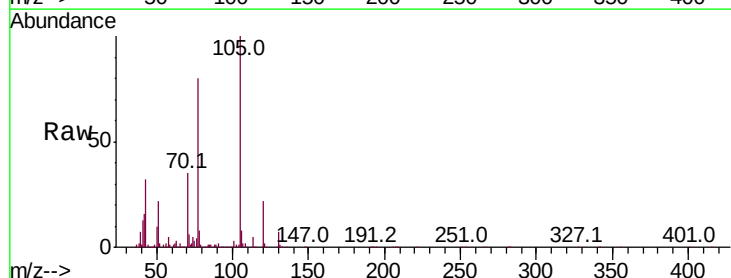
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



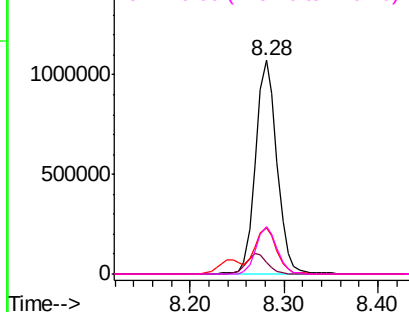
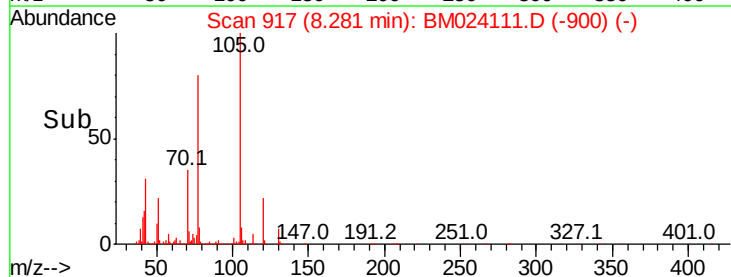
#22
Acetophenone
Concen: 42.092 ng
RT: 8.28 min Scan# 917
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

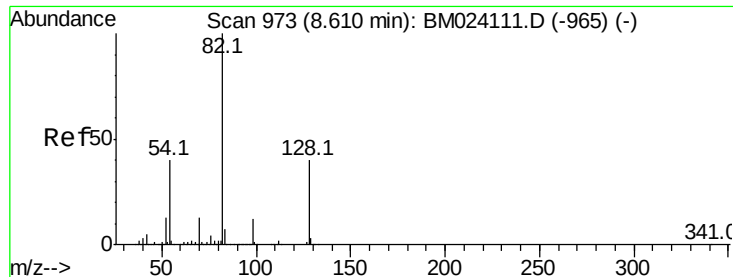
Tgt Ion:105 Resp: 1693674

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.6	6.8
51	21.8	17.4	26.2
120	22.0	17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
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

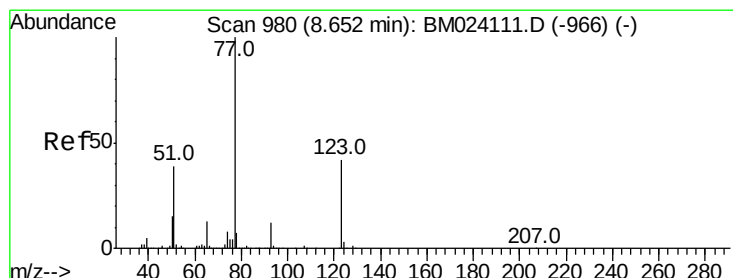
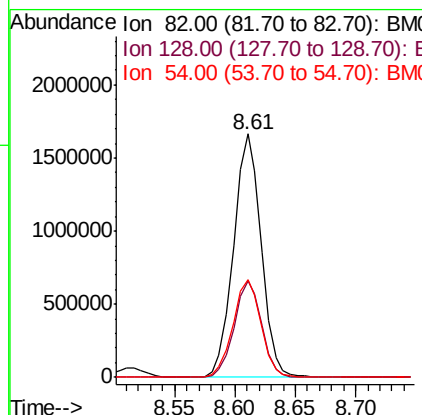
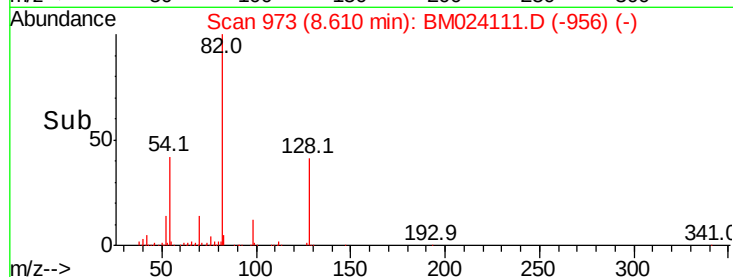
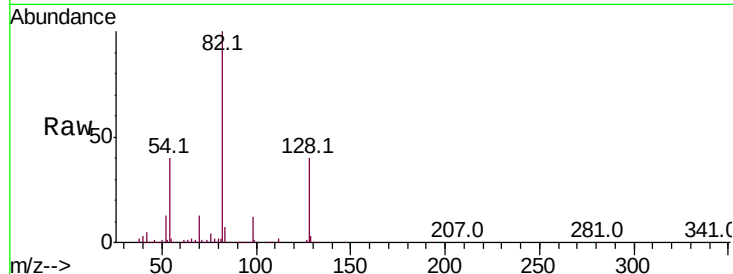




#23
Nitrobenzene-d5
Concen: 90.336 ng
RT: 8.61 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

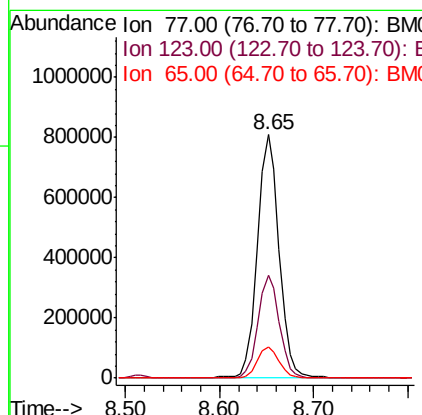
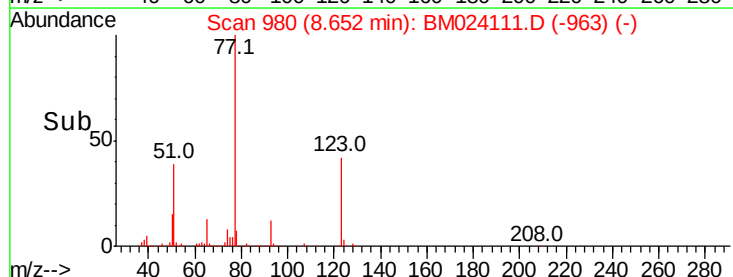
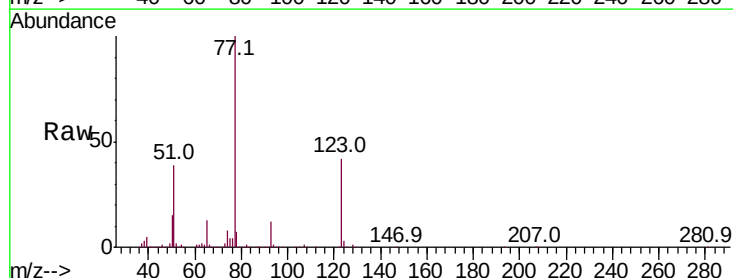
Instrument :
BNA_M
ClientSampleId :

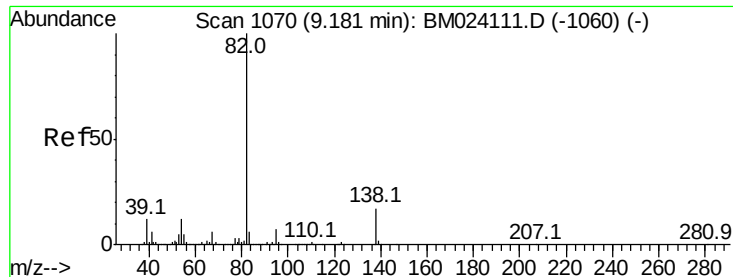
Tot Ion: 82 Resp: 2652787
Ion Ratio Lower Upper
82 100
128 39.8 31.8 47.8
54 40.2 32.2 48.2



#24
Nitrobenzene
Concen: 45.986 ng
RT: 8.65 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion: 77 Resp: 1292069
Ion Ratio Lower Upper
77 100
123 42.2 33.8 50.6
65 12.9 10.3 15.5





#25

Isophorone

Concen: 49.245 ng

RT: 9.18 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

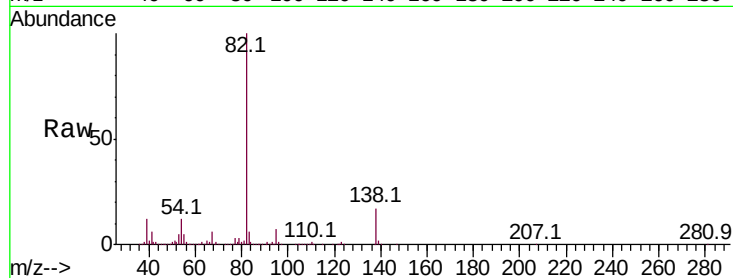
Tot Ion: 82 Resp: 2377785

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

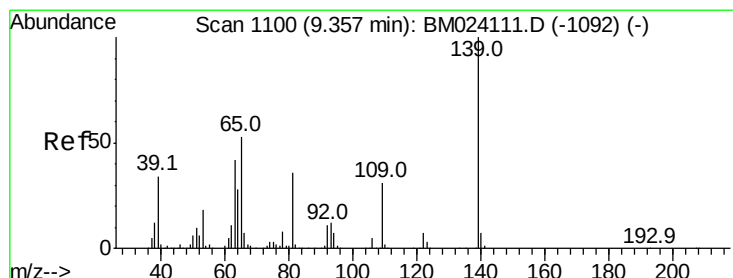
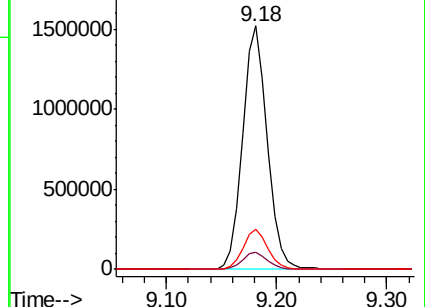
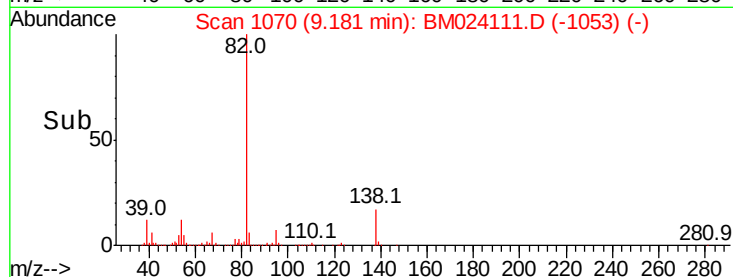
138 16.6 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BM024111.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM024111.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM024111.D (-1060) (-)



#26

2-Nitrophenol

Concen: 46.491 ng

RT: 9.36 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

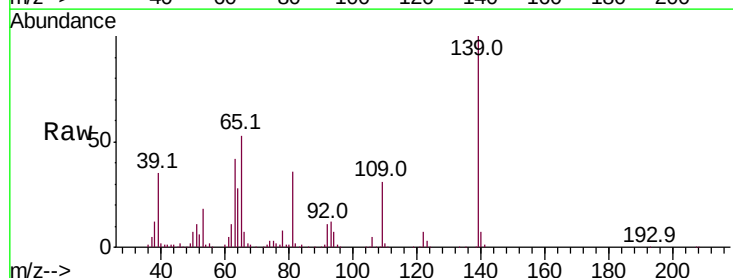
Tgt Ion: 139 Resp: 563915

Ion Ratio Lower Upper

139 100

109 30.6 24.5 36.7

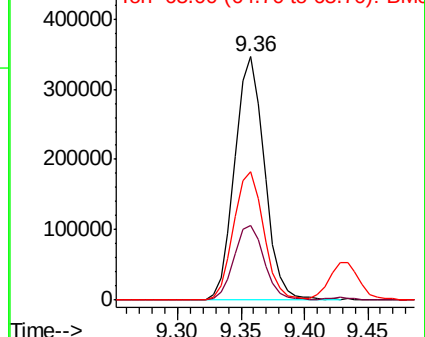
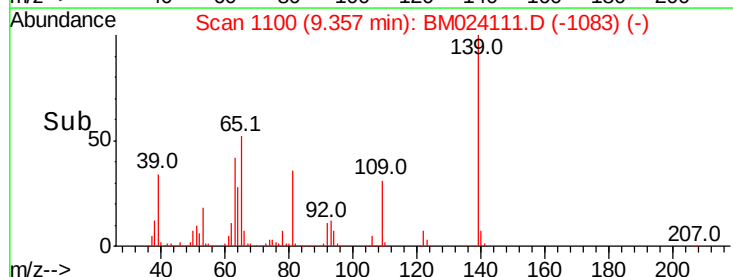
65 52.6 42.1 63.1

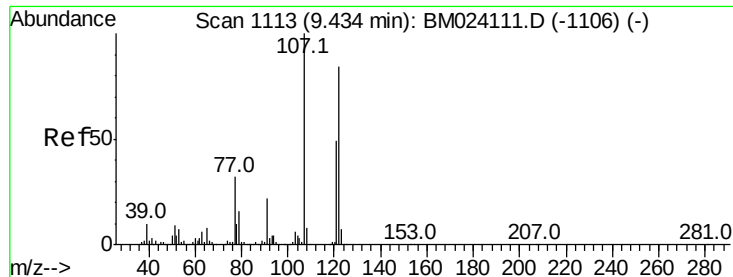


Abundance Ion 139.00 (138.70 to 139.70): BM024111.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM024111.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM024111.D (-1092) (-)





#27

2,4-Dimethylphenol

Concen: 40.058 ng

RT: 9.43 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

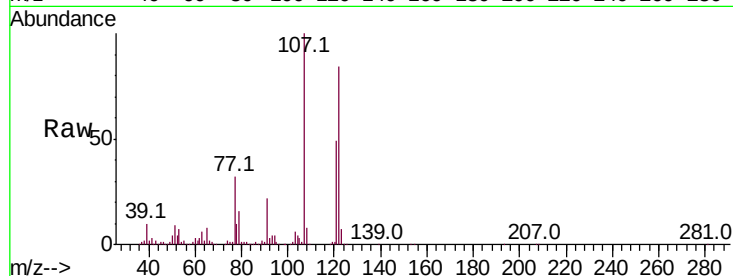
Tot Ion:122 Resp: 813413

Ion Ratio Lower Upper

122 100

107 119.7 95.8 143.6

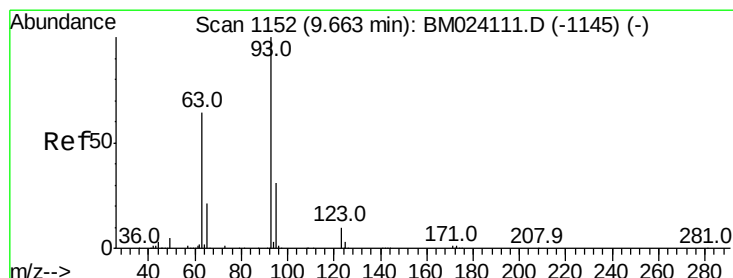
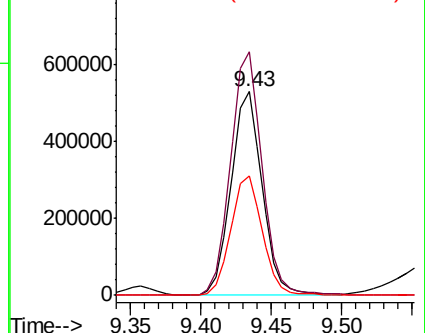
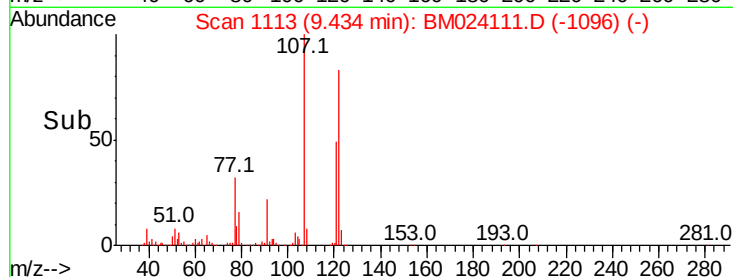
121 58.7 47.0 70.4



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: 44.972 ng

RT: 9.66 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

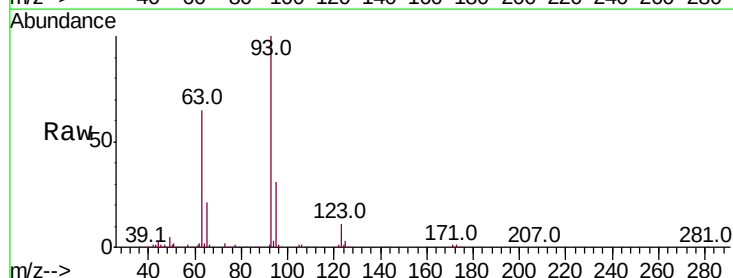
Tgt Ion: 93 Resp: 1502611

Ion Ratio Lower Upper

93 100

95 31.4 25.1 37.7

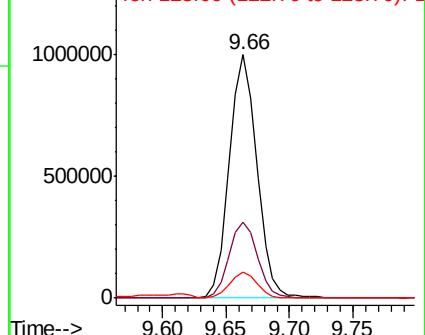
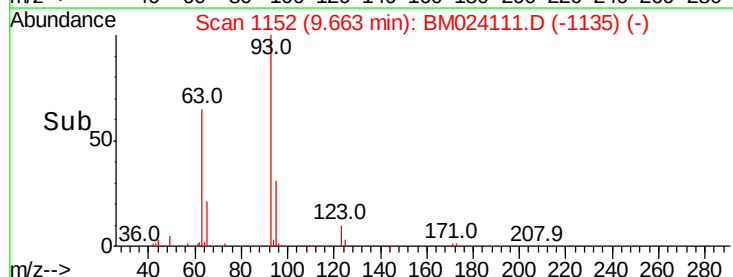
123 10.6 8.5 12.7

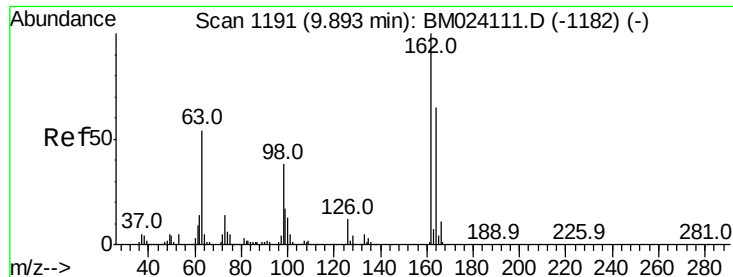


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

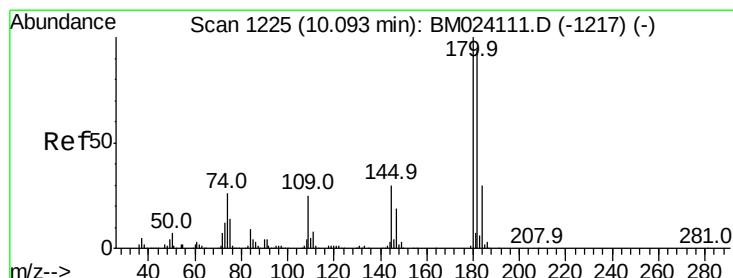
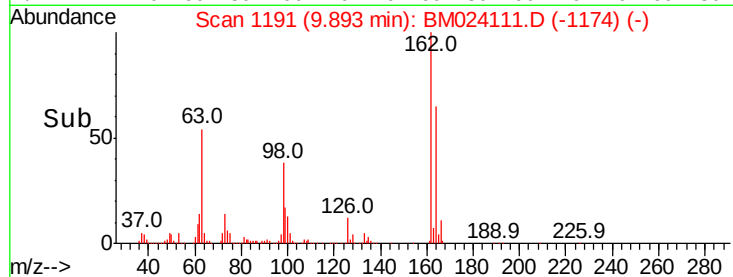
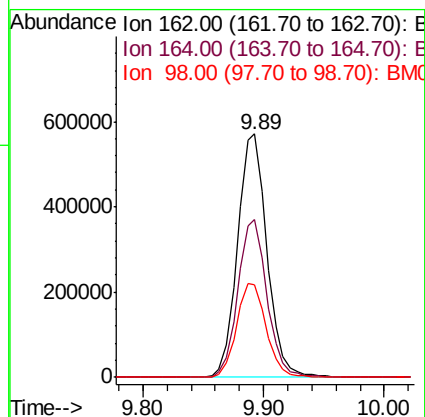
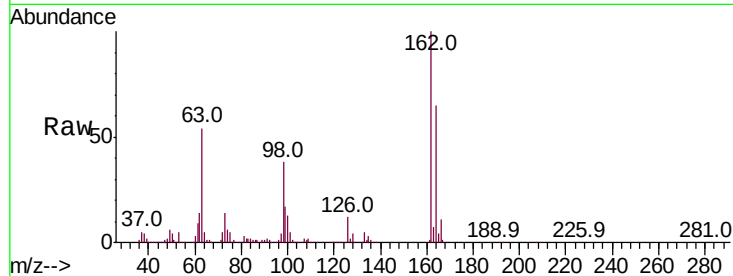




#29
2,4-Dichlorophenol
Concen: 42.342 ng
RT: 9.89 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

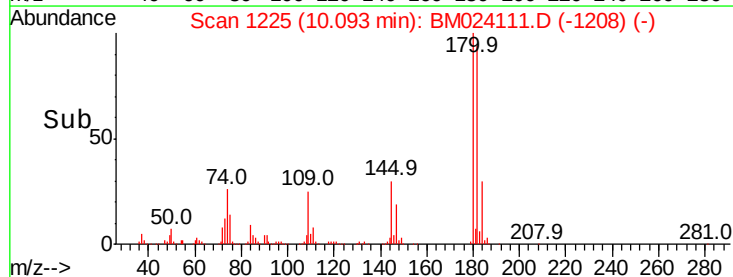
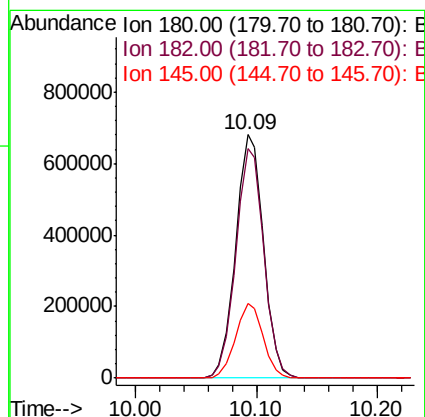
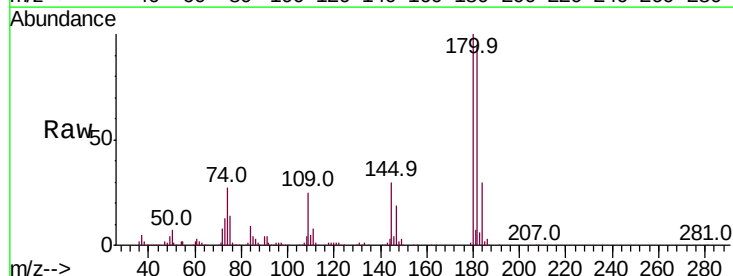
Instrument :
BNA_M
ClientSampleId :

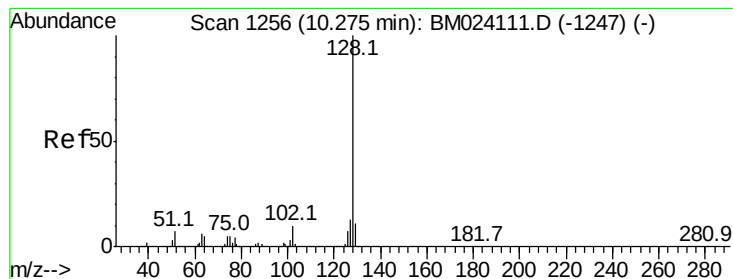
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.1	85.1
98	38.2	18.2	58.2



#30
1,2,4-Trichlorobenzene
Concen: 38.618 ng
RT: 10.09 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.5	113.3
145	30.5	24.4	36.6





#31

Naphthalene

Concen: 40.679 ng

RT: 10.28 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

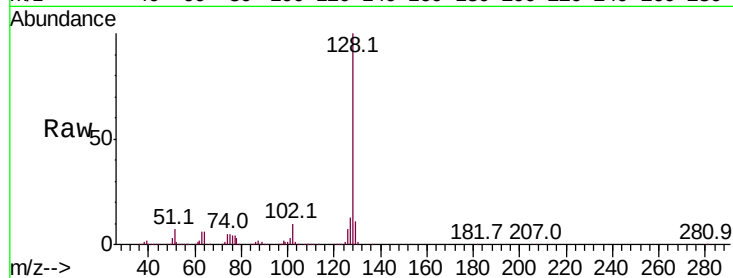
Tot Ion:128 Resp: 3276392

Ion Ratio Lower Upper

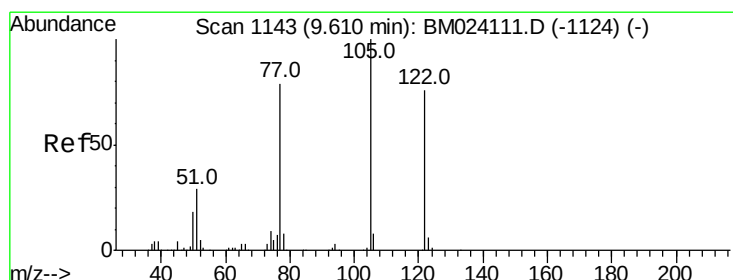
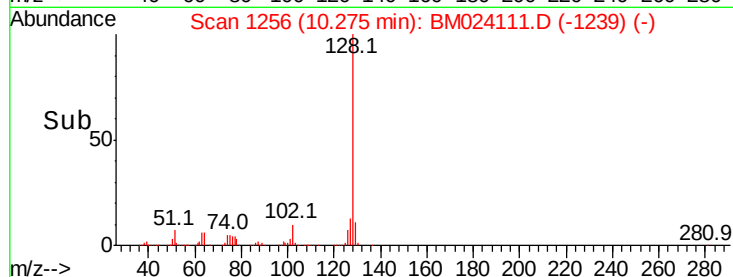
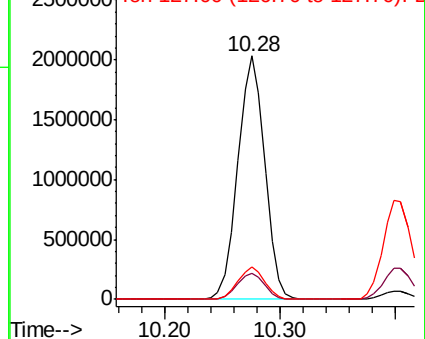
128 100

129 10.6 8.5 12.7

127 13.1 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: 54.075 ng

RT: 9.61 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

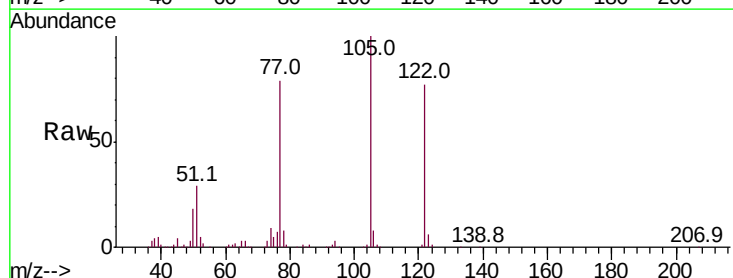
Tgt Ion:122 Resp: 706713

Ion Ratio Lower Upper

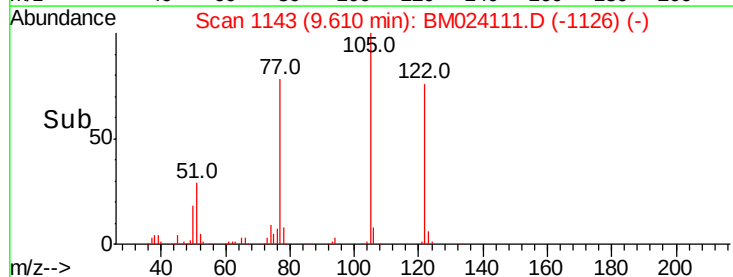
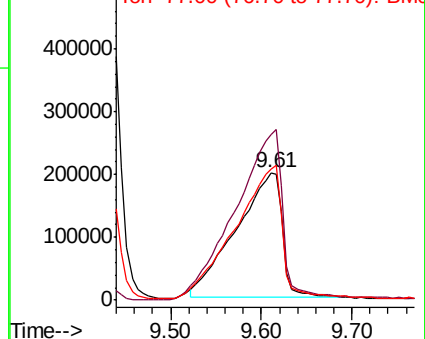
122 100

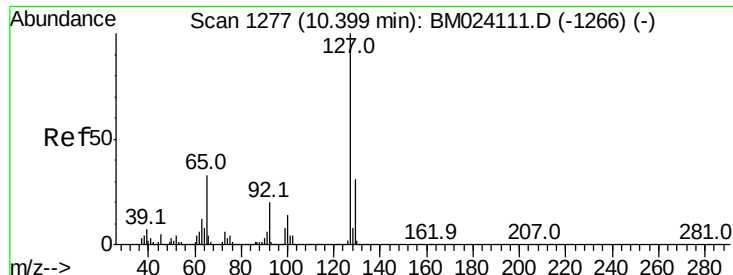
105 130.4 110.4 150.4

77 103.0 83.0 123.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

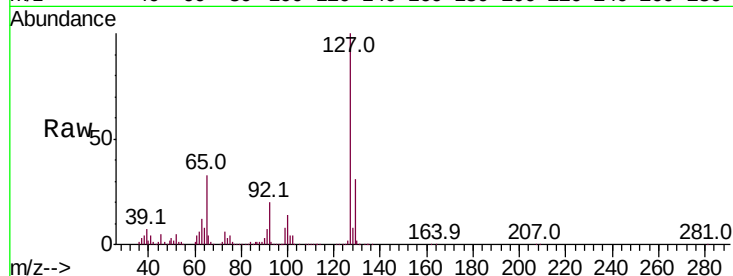




#33
4-Chloroaniline
Concen: 41.872 ng
RT: 10.40 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	1464297
Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.9	37.3
65	32.8	26.2	39.4
92	20.4	16.3	24.5



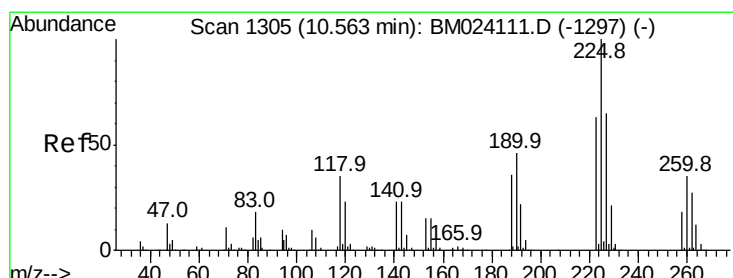
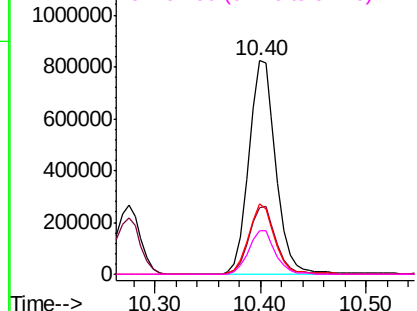
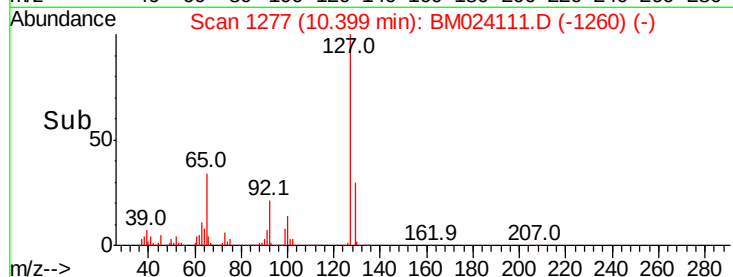
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

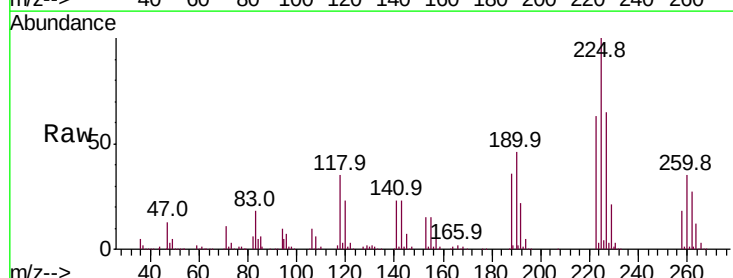
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 37.164 ng
RT: 10.56 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:	225	Resp:	625752
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	65.3	52.2	78.4

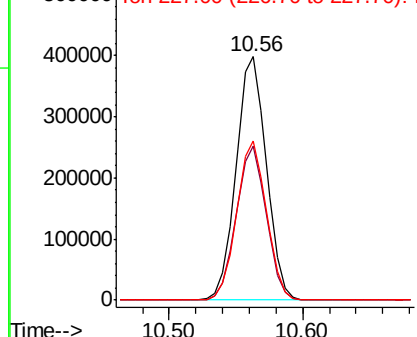
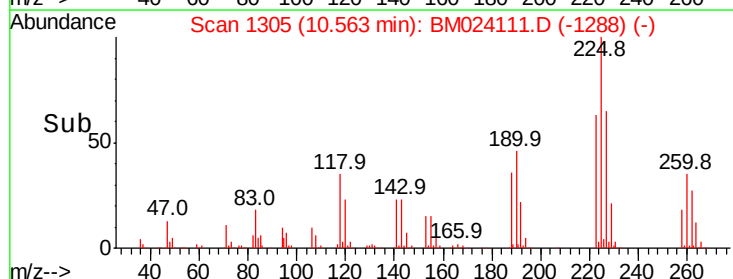


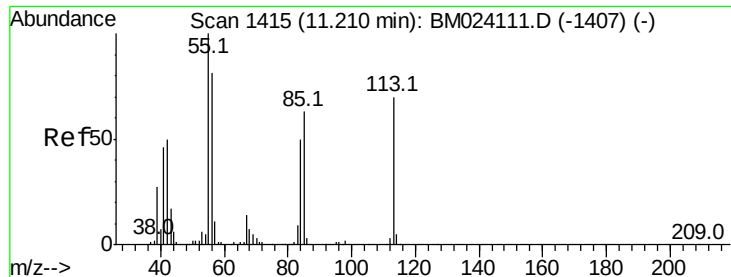
Abundance

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

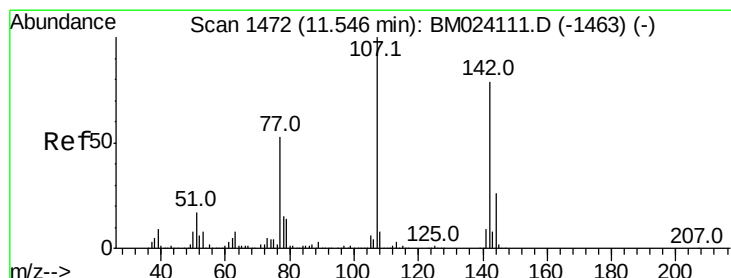
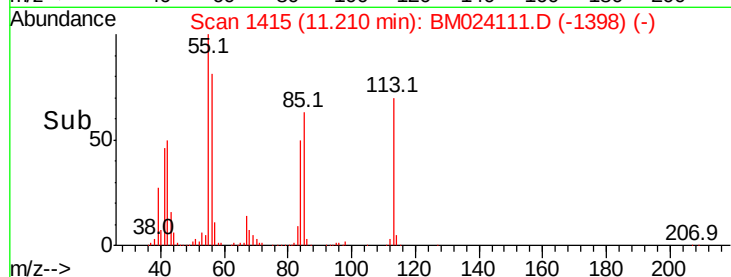
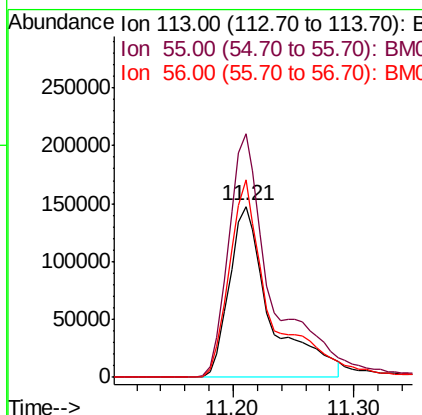
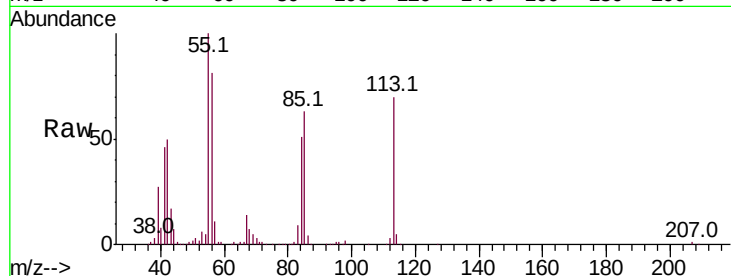




#35
 Caprolactam
 Concen: 51.800 ng
 RT: 11.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

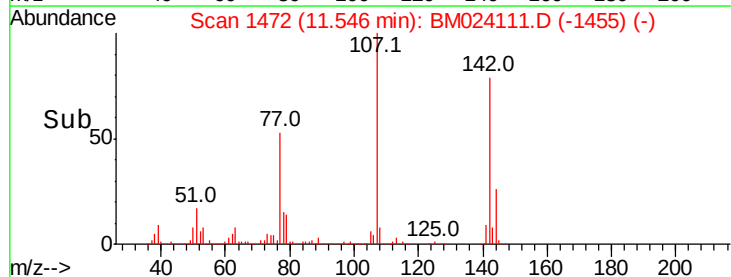
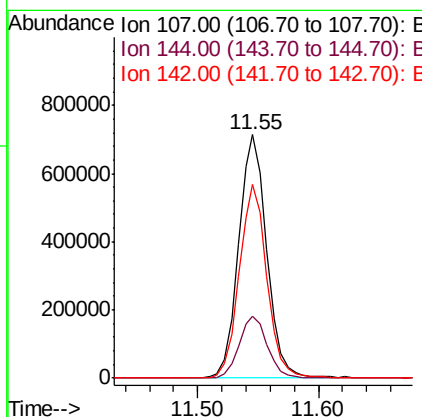
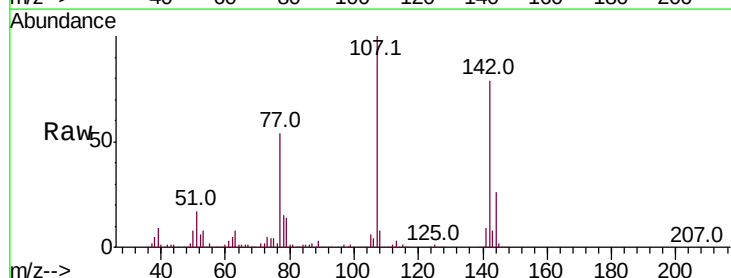
Instrument :
 BNA_M
 ClientSampled :

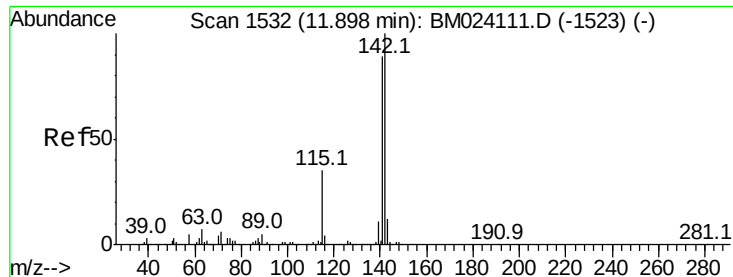
Tot Ion:113 Resp: 352559
 Ion Ratio Lower Upper
 113 100
 55 142.4 122.4 162.4
 56 115.5 95.5 135.5



#36
 4-Chloro-3-methylphenol
 Concen: 51.675 ng
 RT: 11.55 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Tgt Ion:107 Resp: 1157445
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 79.5 63.6 95.4

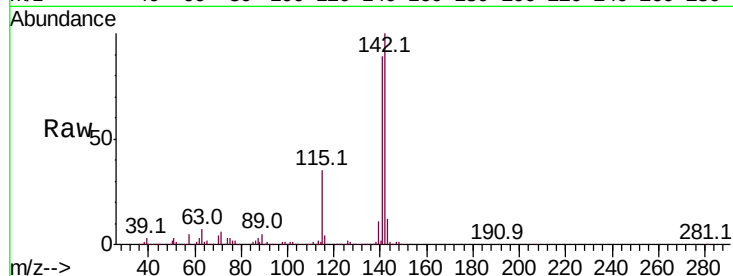




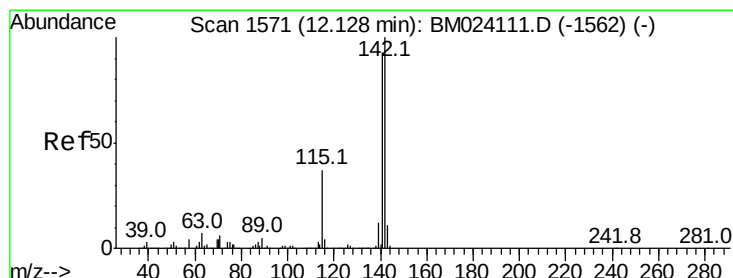
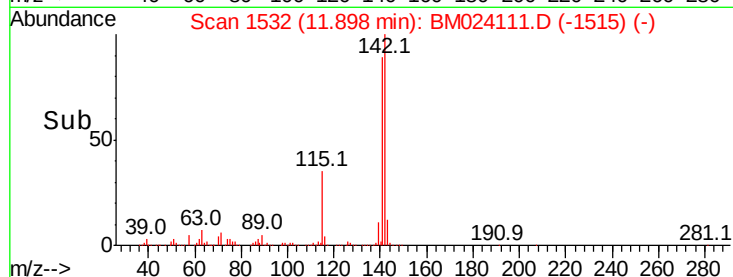
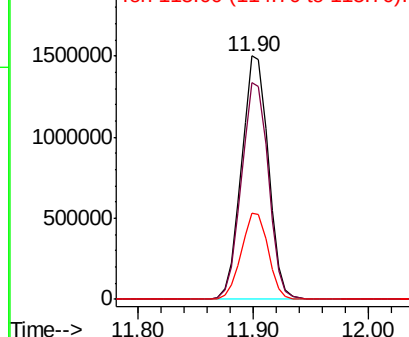
#37
2-Methylnaphthalene
Concen: 43.262 ng
RT: 11.90 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 2425483
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 35.5 28.4 42.6

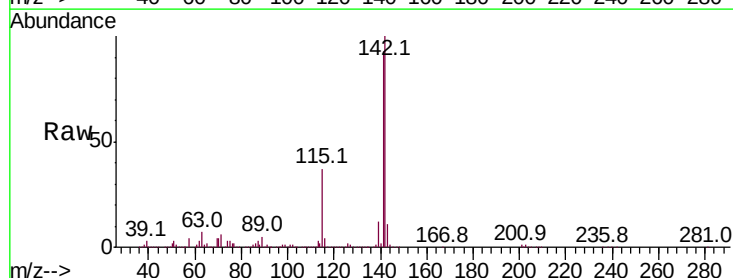


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

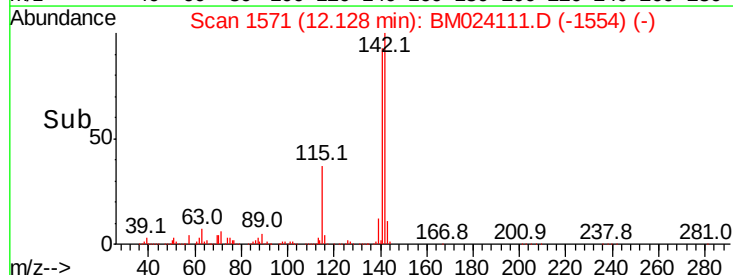
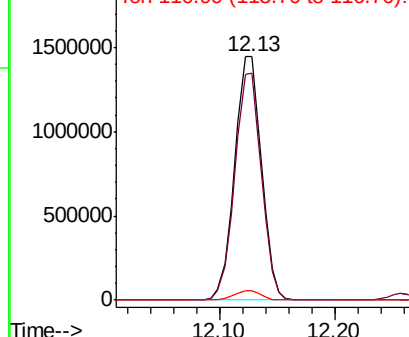


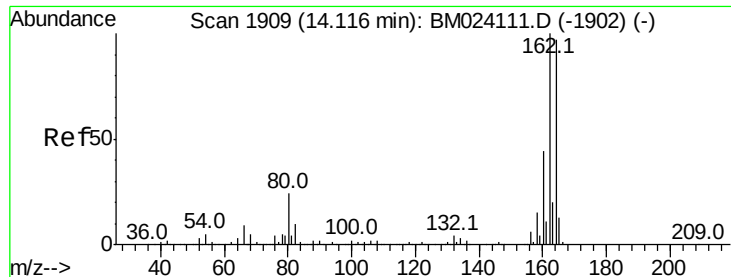
#38
1-Methylnaphthalene
Concen: 43.707 ng
RT: 12.13 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:142 Resp: 2326029
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.12 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

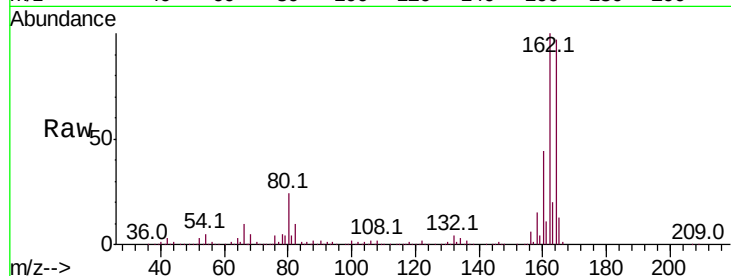
Instrument :

BNA_M

ClientSampled :

Tot Ion:164 Resp: 1088717

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	44.9	35.9	53.9

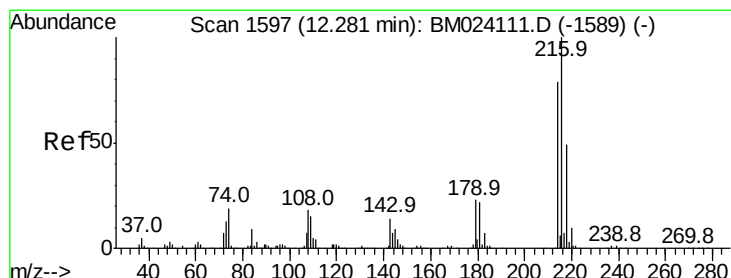
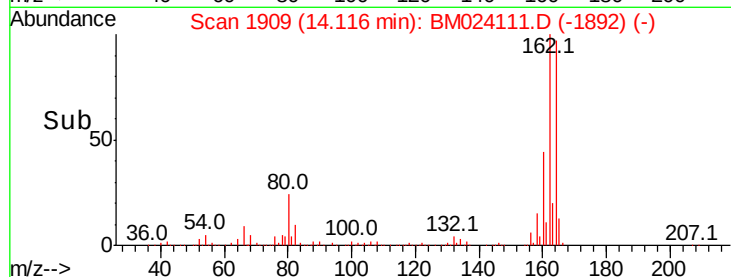
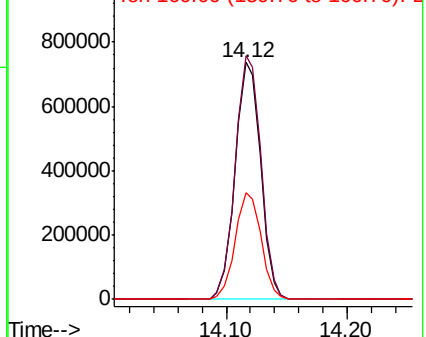


Abundance

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: 32.756 ng

RT: 12.28 min Scan# 1597

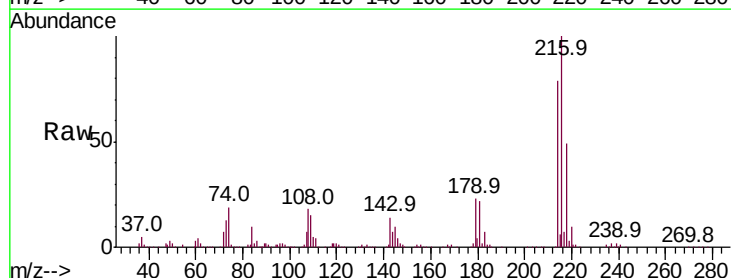
Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Tgt Ion:216 Resp: 1208382

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.5	18.0	27.0
108	19.2	15.4	23.0



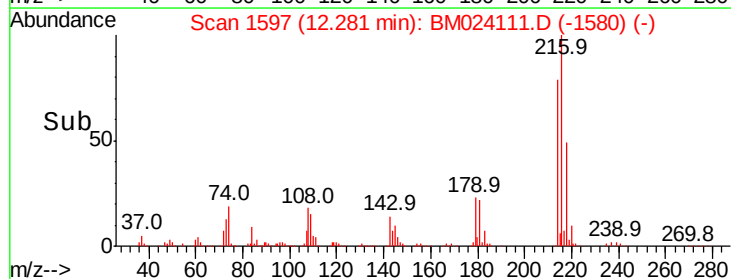
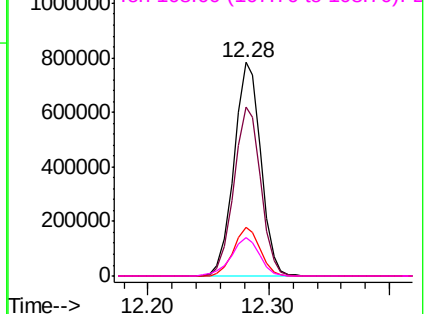
Abundance

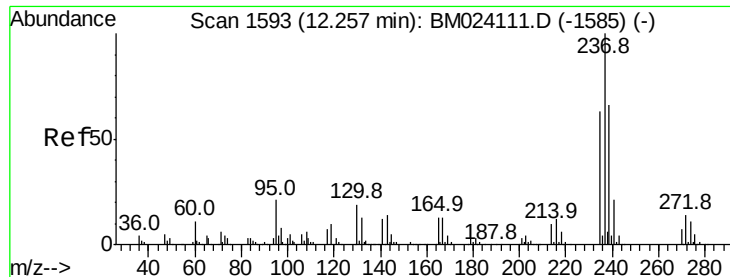
Ion 216.00 (215.70 to 216.70): E

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: 21.492 ng

RT: 12.26 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

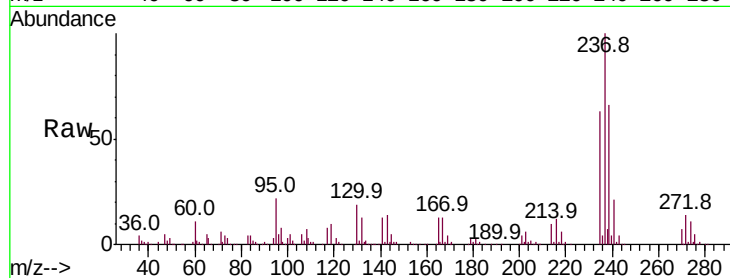
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 432590

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.0	83.0
272	13.8	0.0	33.8

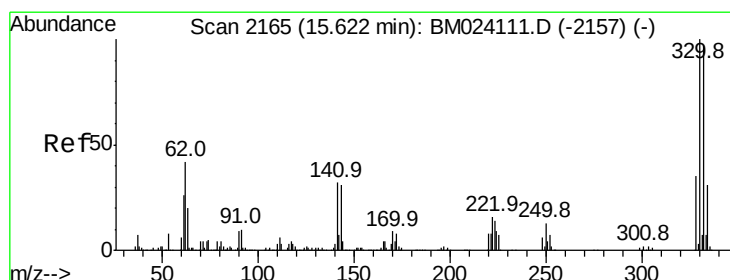
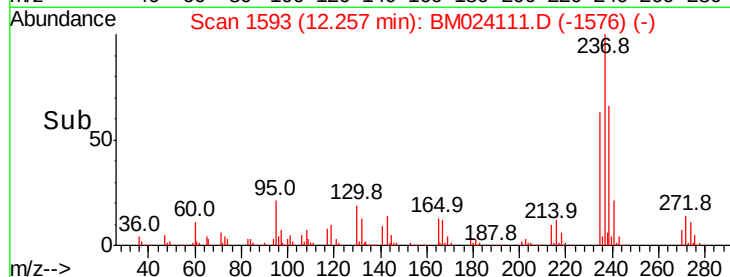
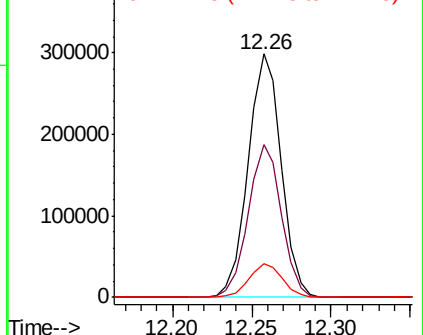


Abundance

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: 86.115 ng

RT: 15.62 min Scan# 2165

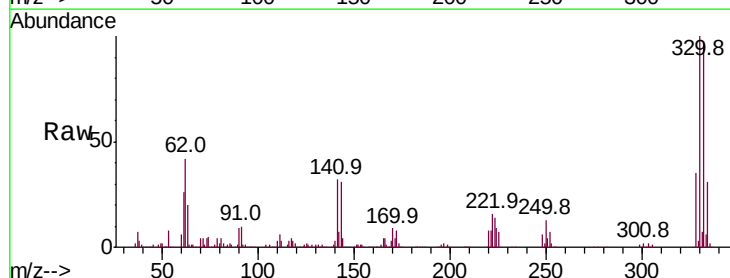
Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Tgt Ion:330 Resp: 1170381

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.8	27.0	40.6

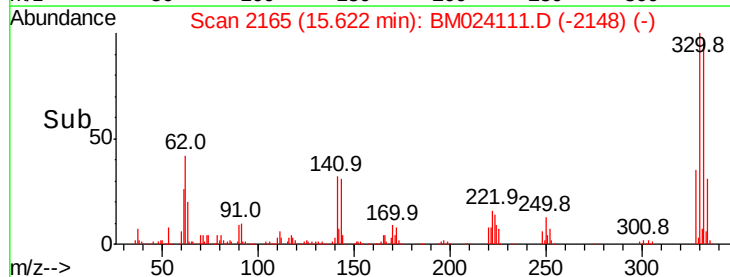
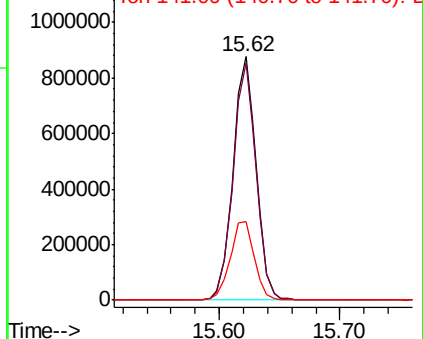


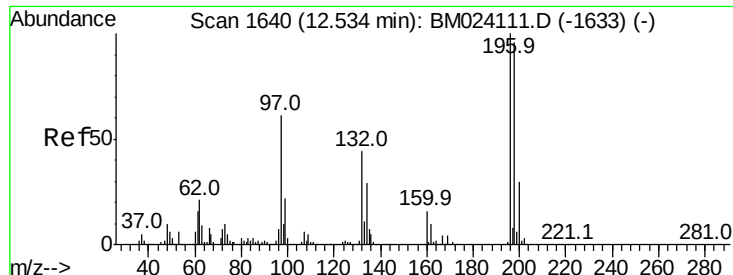
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

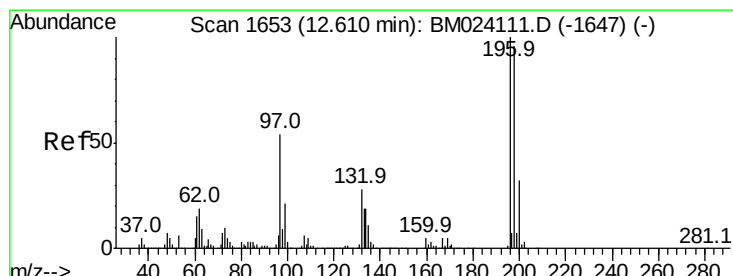
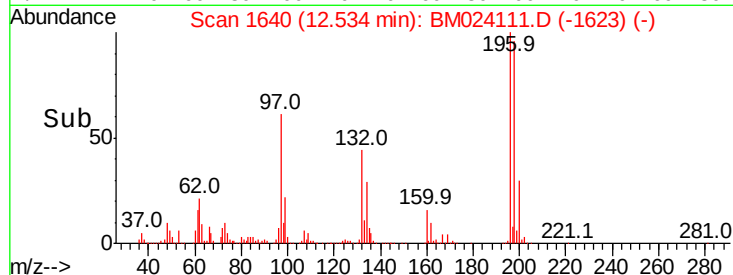
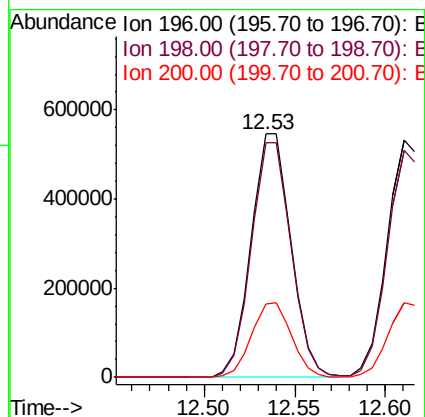
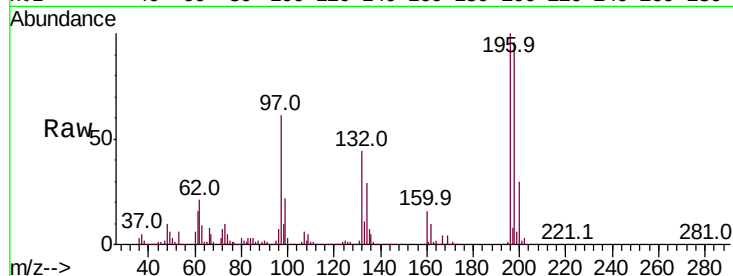




#43
2,4,6-Trichlorophenol
Concen: 39.271 ng
RT: 12.53 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

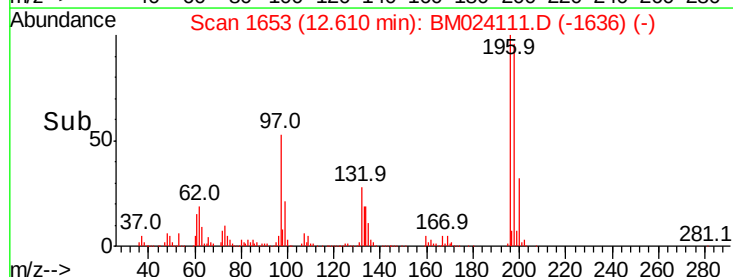
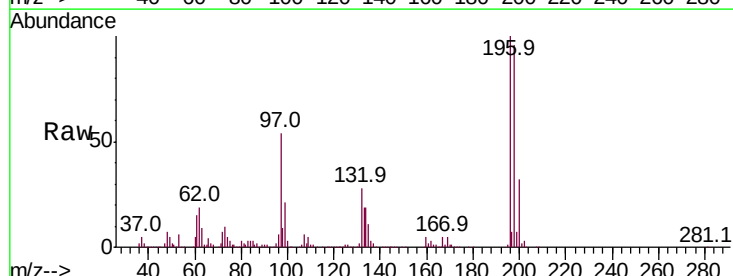
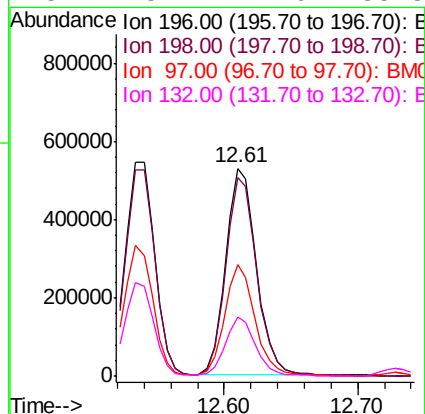
Instrument :
BNA_M
ClientSampleId :

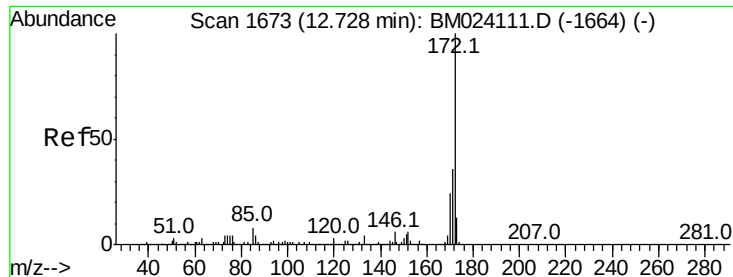
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.1	115.7
200	30.1	24.1	36.1



#44
2,4,5-Trichlorophenol
Concen: 38.494 ng
RT: 12.61 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
97	53.6	42.9	64.3
132	28.2	22.6	33.8

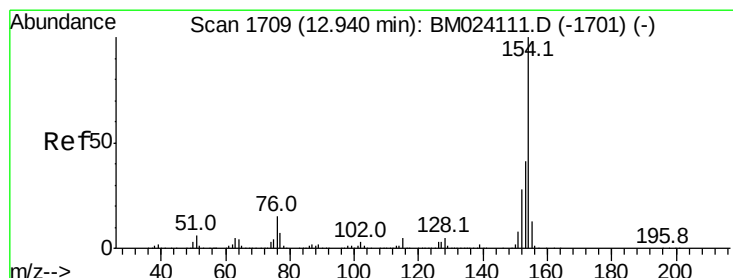
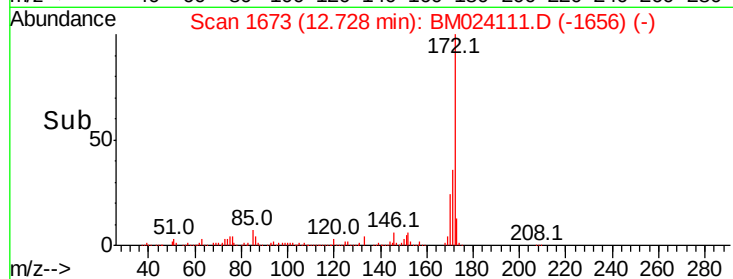
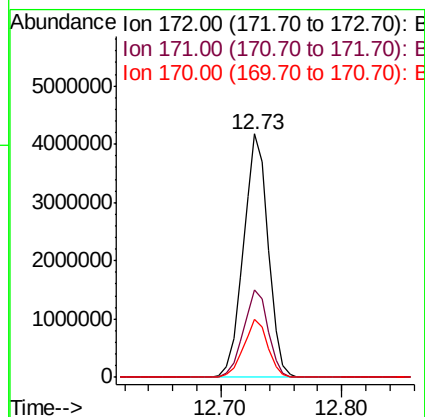
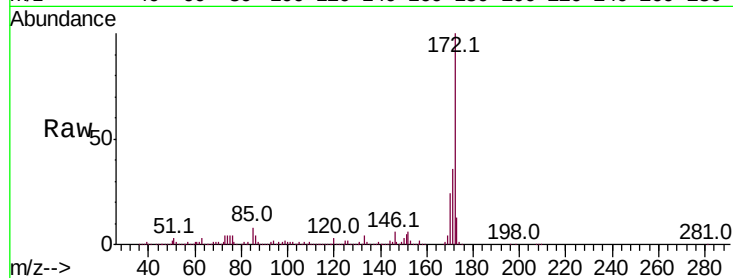




#45
2-Fluorobiphenyl
Concen: 75.190 ng
RT: 12.73 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

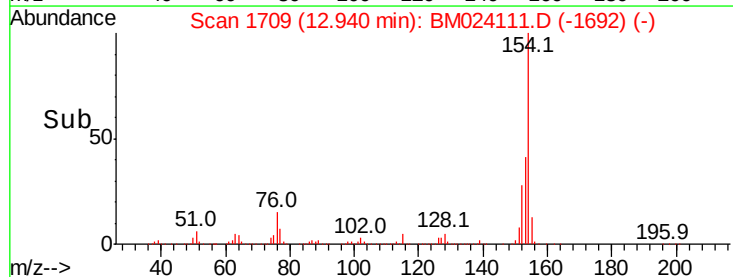
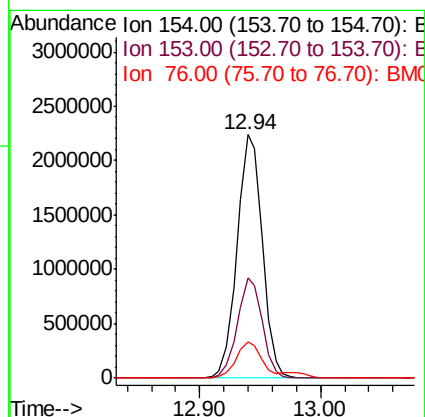
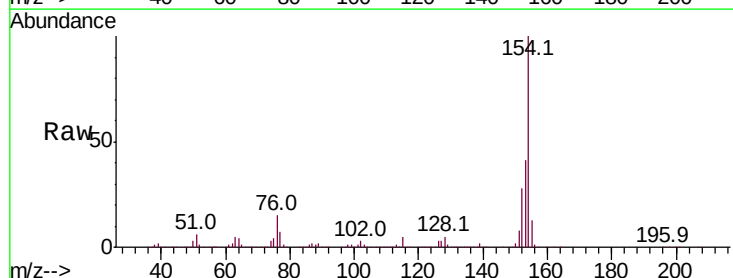
Instrument :
BNA_M
ClientSampled :

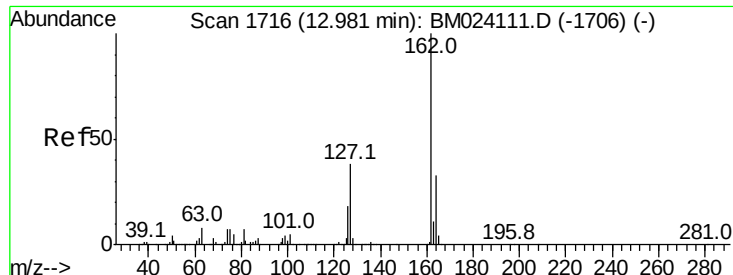
Tot Ion:172 Resp: 5944634
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 36.257 ng
RT: 12.94 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:154 Resp: 3267016
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 15.1 0.0 35.1

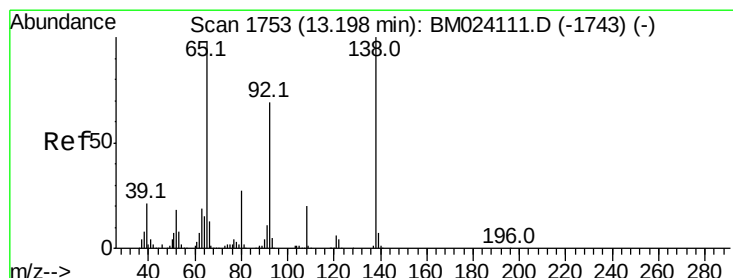
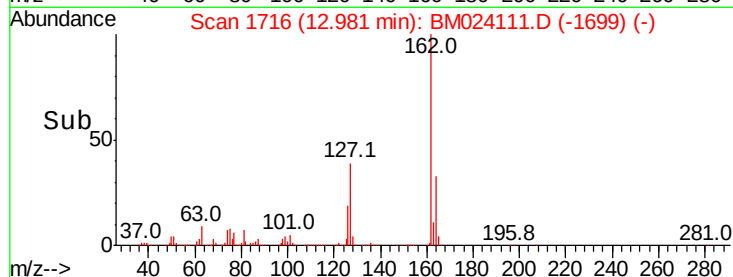
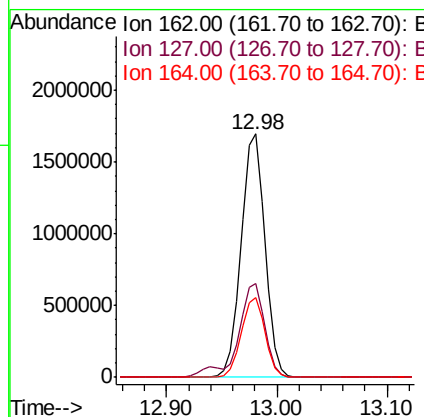
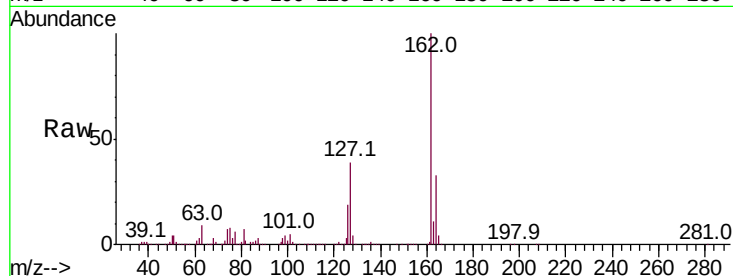




#47
2-Chloronaphthalene
Concen: 38.471 ng
RT: 12.98 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

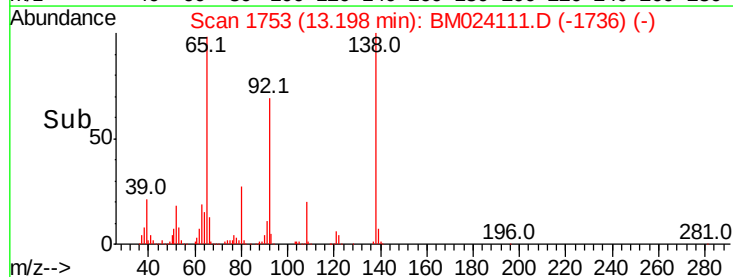
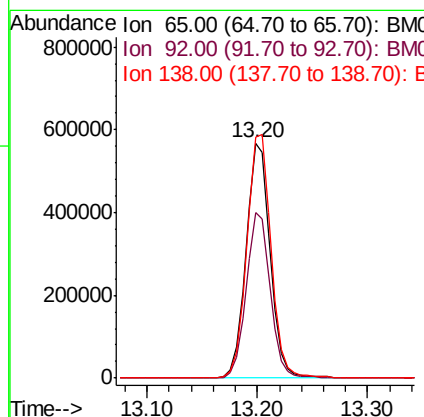
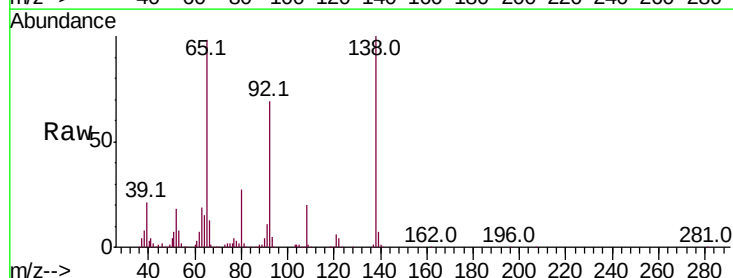
Instrument :
BNA_M
ClientSampleId :

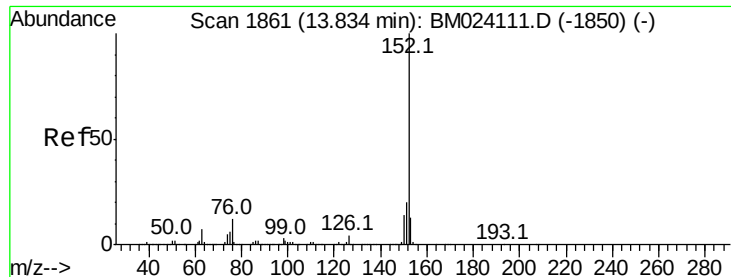
Tot Ion:162 Resp: 2583697
Ion Ratio Lower Upper
162 100
127 38.7 31.0 46.4
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 49.974 ng
RT: 13.20 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion: 65 Resp: 873947
Ion Ratio Lower Upper
65 100
92 70.5 56.4 84.6
138 102.4 81.9 122.9





#49

Acenaphthylene

Concen: 40.500 ng

RT: 13.83 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

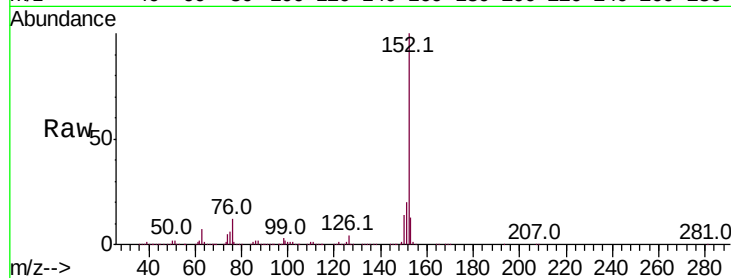
Tot Ion:152 Resp: 4027814

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

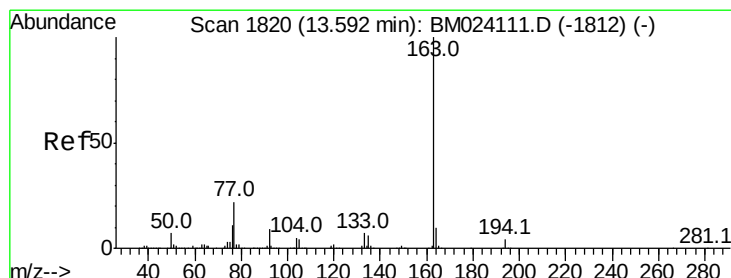
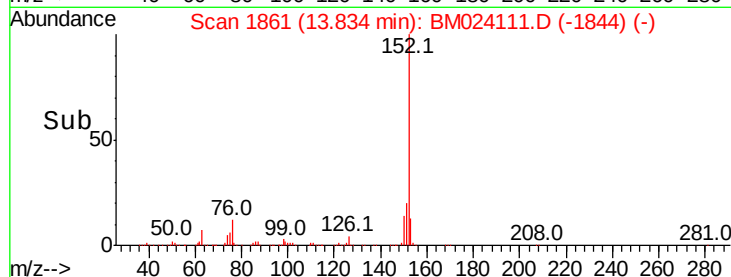
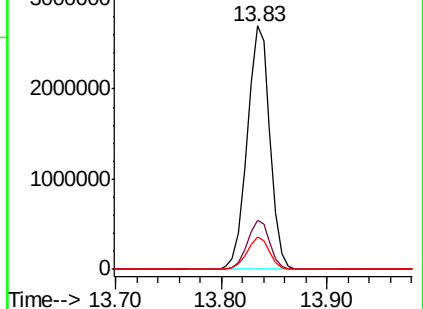
153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.444 ng

RT: 13.59 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

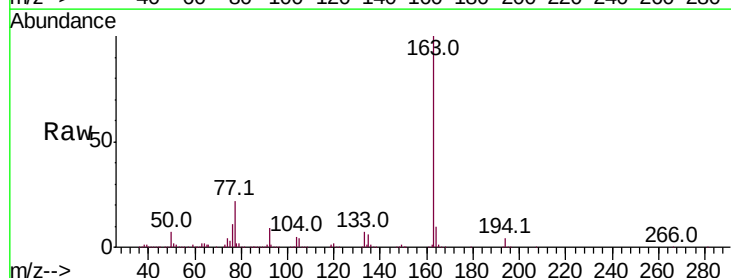
Tgt Ion:163 Resp: 3339477

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

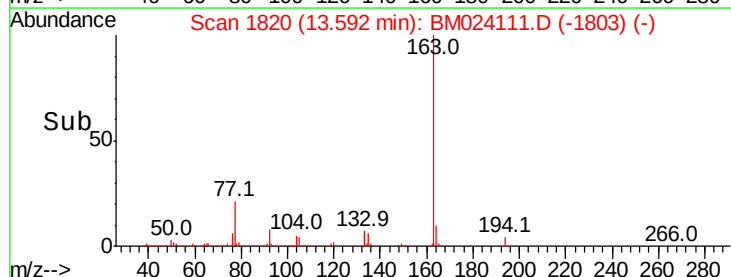
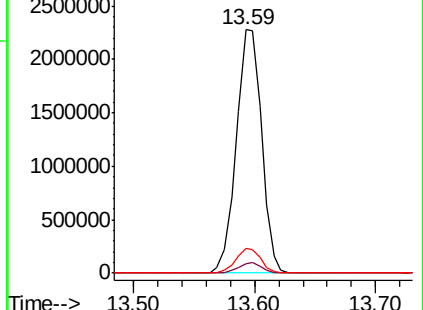
164 10.1 8.1 12.1

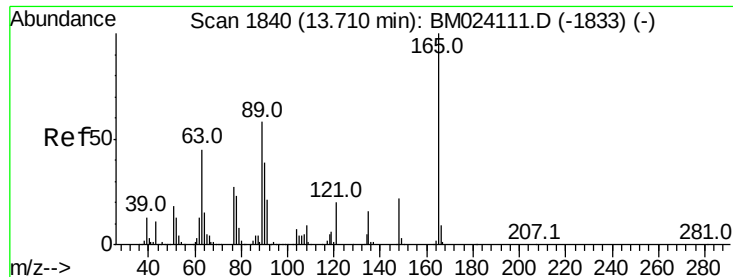


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

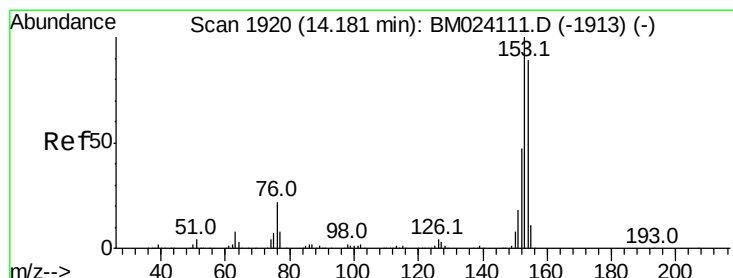
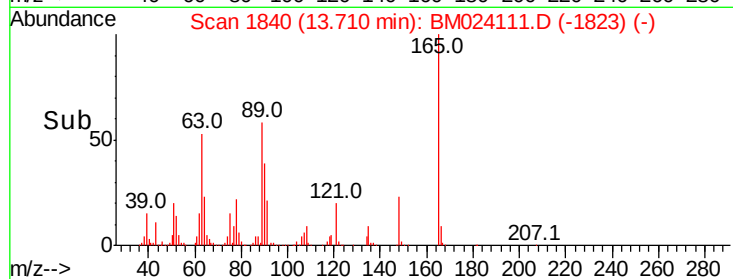
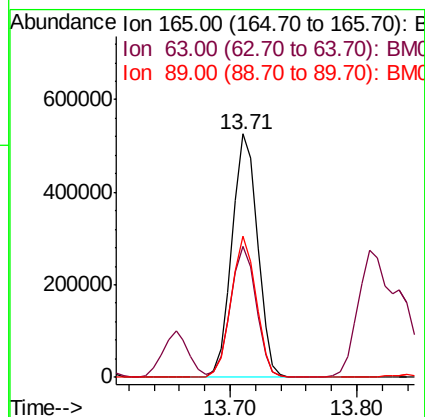
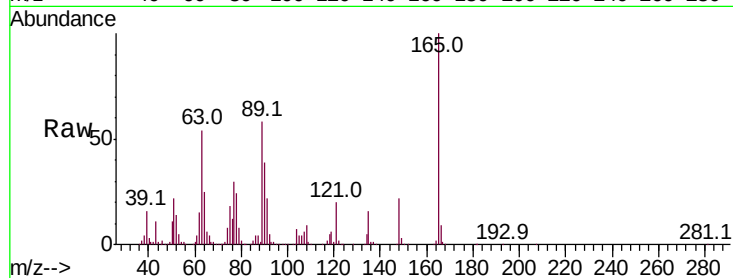




#51
2,6-Dinitrotoluene
Concen: 44.325 ng
RT: 13.71 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

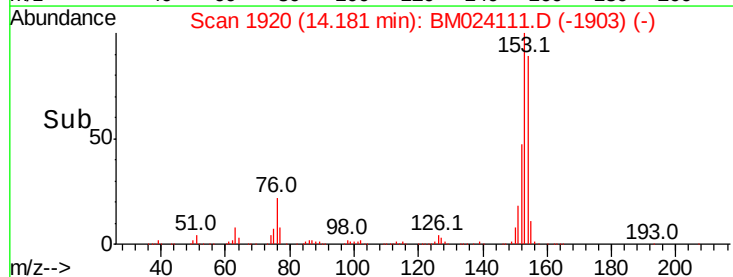
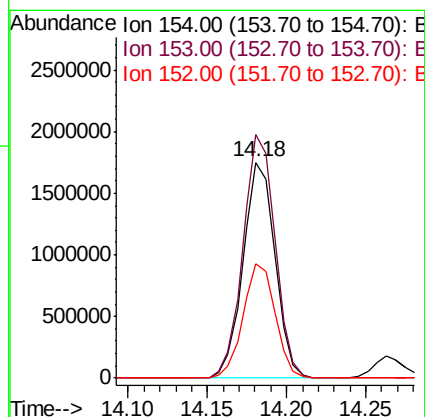
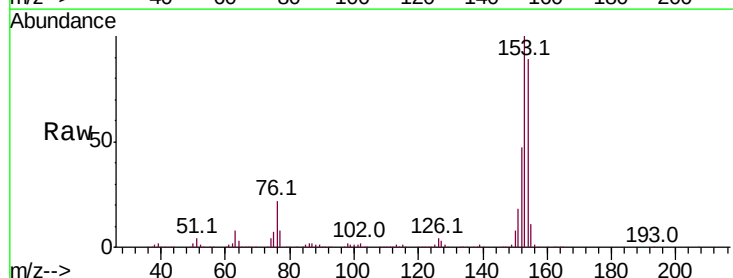
Instrument :
BNA_M
ClientSampleId :

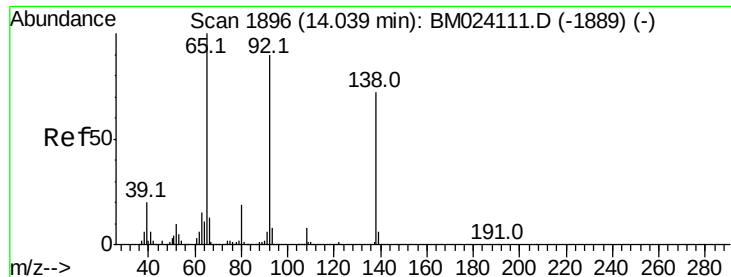
Tot Ion:165 Resp: 729489
Ion Ratio Lower Upper
165 100
63 53.8 43.0 64.6
89 58.0 46.4 69.6



#52
Acenaphthene
Concen: 37.682 ng
RT: 14.18 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:154 Resp: 2451801
Ion Ratio Lower Upper
154 100
153 113.0 90.4 135.6
152 52.9 42.3 63.5

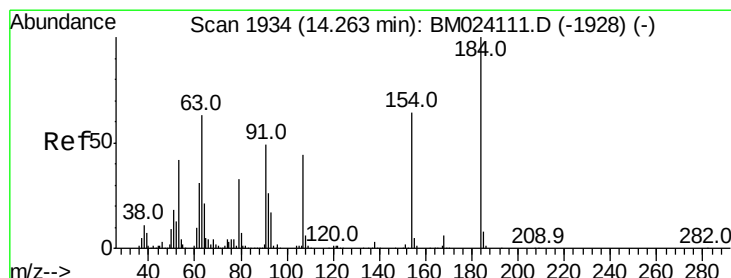
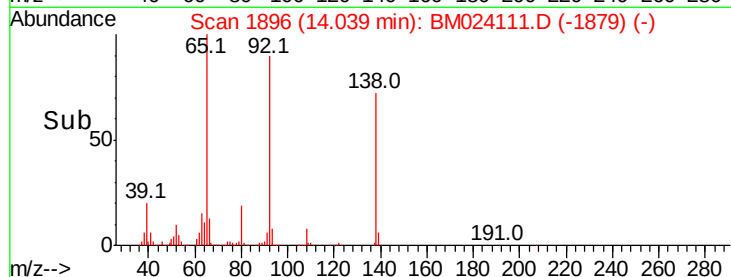
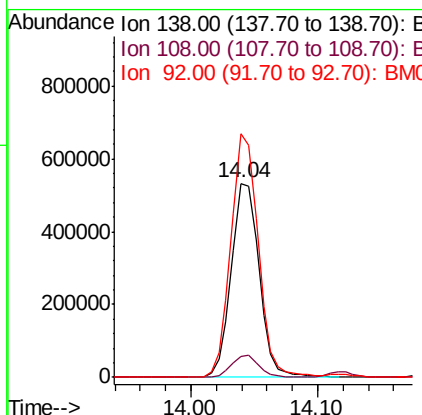
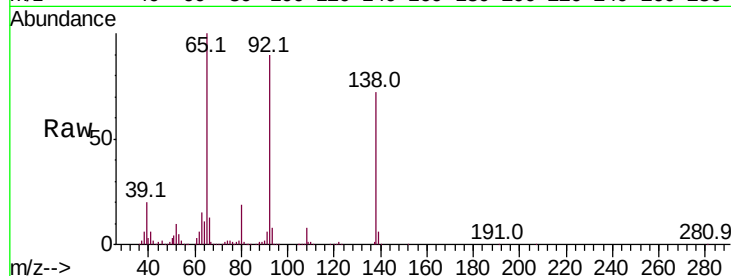




#53
3-Nitroaniline
Concen: 42.908 ng
RT: 14.04 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

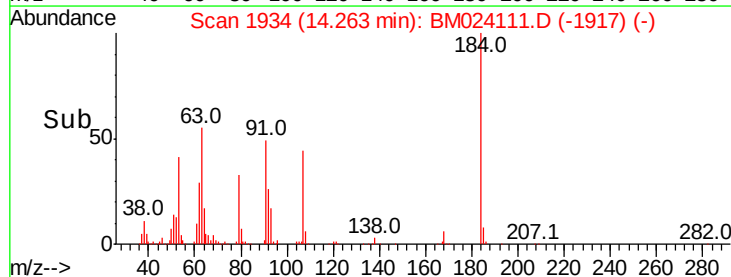
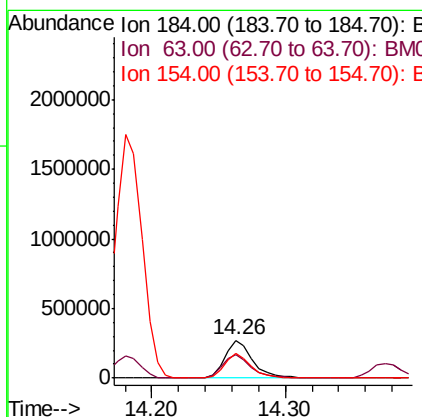
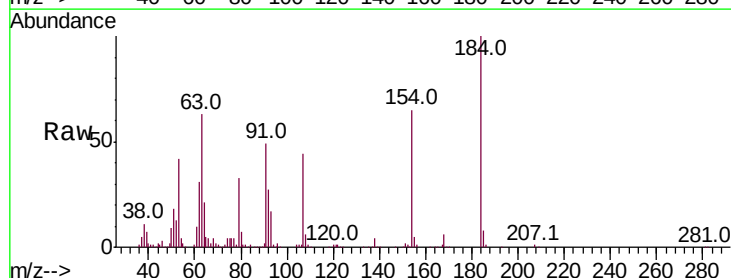
Instrument :
BNA_M
ClientSampleId :

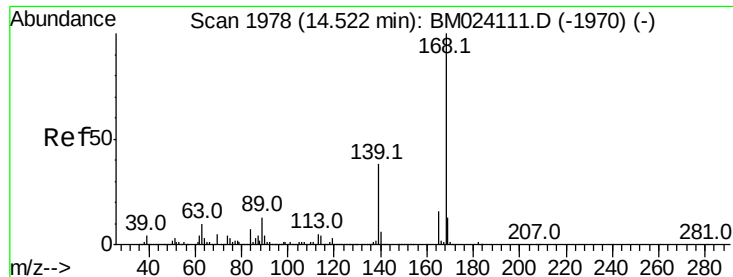
Tot Ion:138 Resp: 812942
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 125.7 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 51.166 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:184 Resp: 397590
Ion Ratio Lower Upper
184 100
63 62.8 50.2 75.4
154 64.8 51.8 77.8

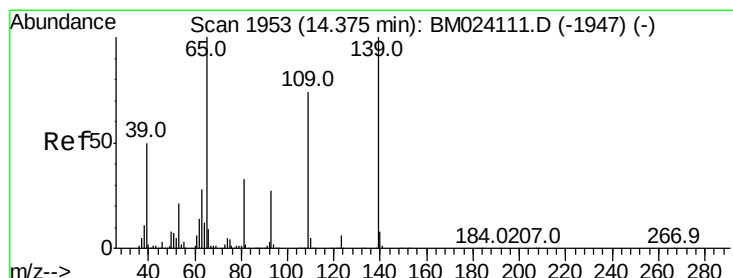
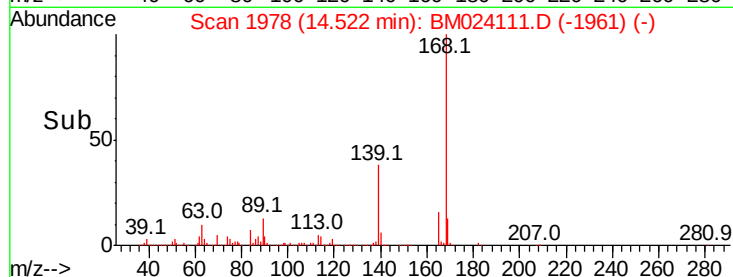
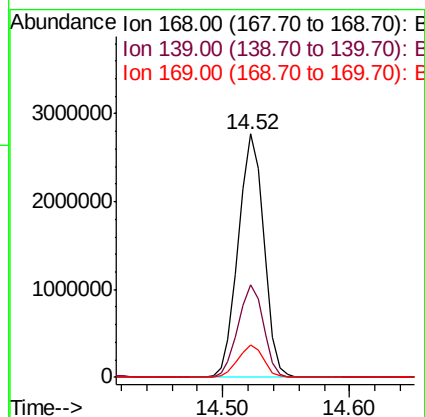
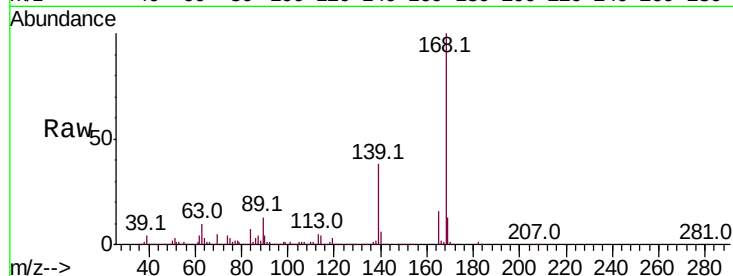




#55
Dibenzofuran
Concen: 40.638 ng
RT: 14.52 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

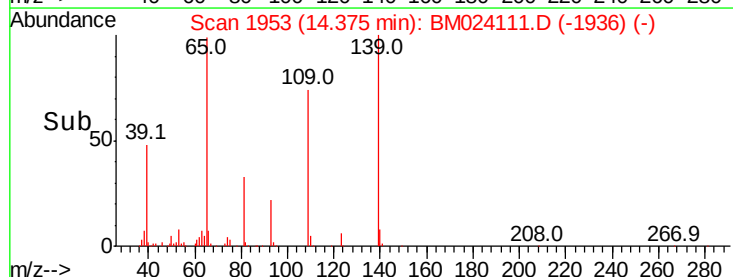
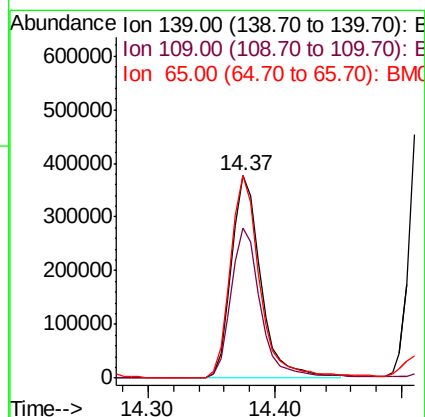
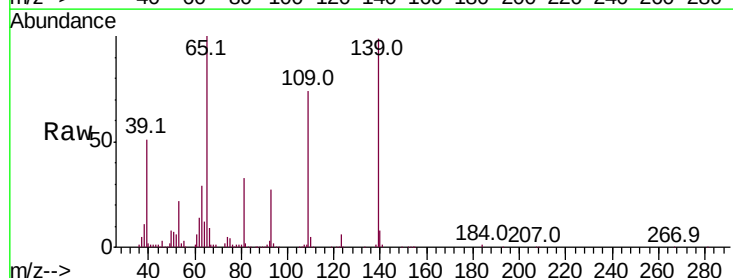
Instrument :
BNA_M
ClientSampleId :

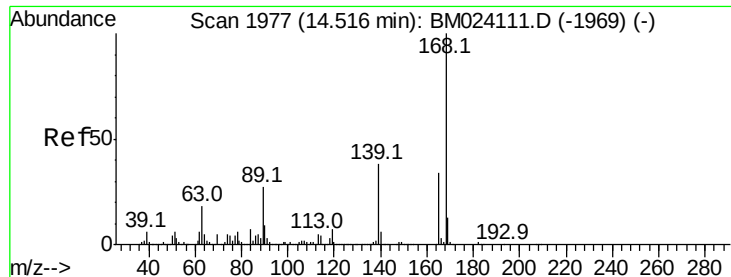
Tot Ion:168 Resp: 3860125
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 41.458 ng
RT: 14.37 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:139 Resp: 603730
Ion Ratio Lower Upper
139 100
109 74.2 54.2 94.2
65 100.5 80.5 120.5

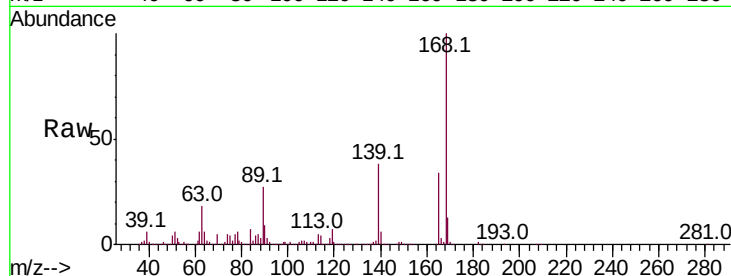




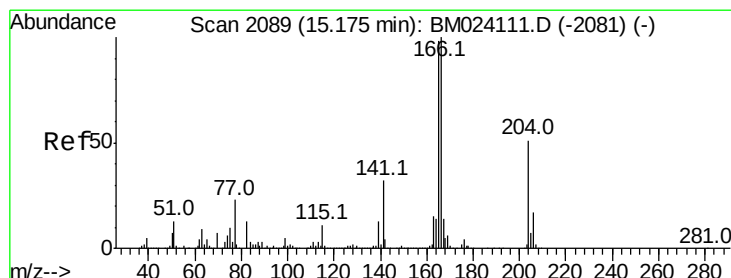
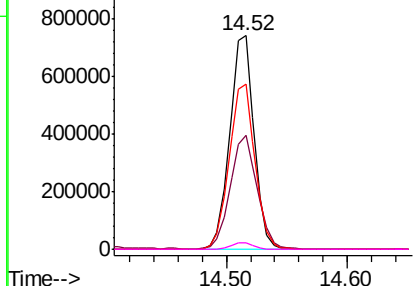
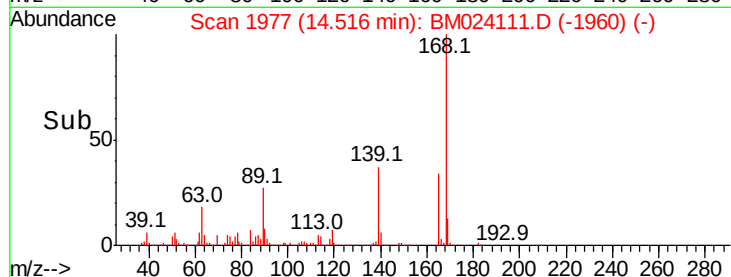
#57
2,4-Dinitrotoluene
Concen: 48.127 ng
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 1037628
Ion Ratio Lower Upper
165 100
63 53.3 42.6 64.0
89 77.0 61.6 92.4
182 3.0 2.4 3.6

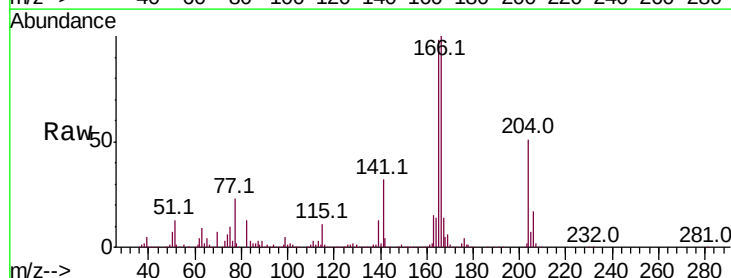


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

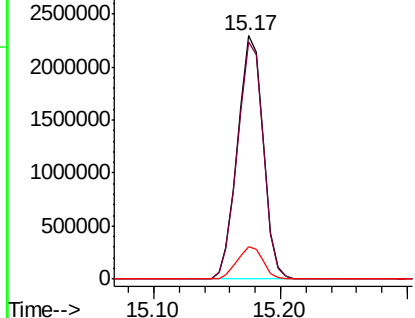
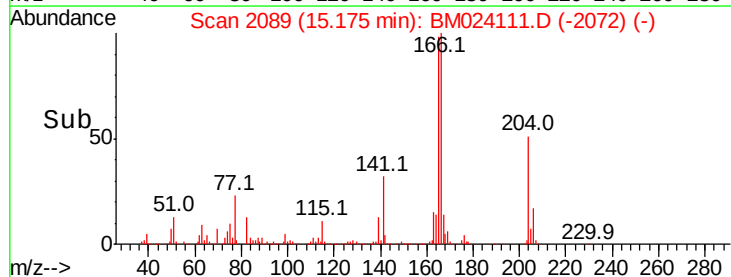


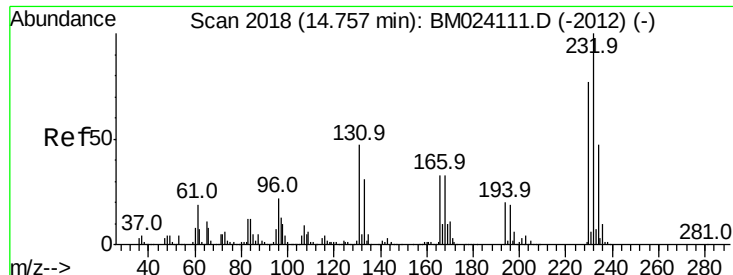
#58
Fluorene
Concen: 41.623 ng
RT: 15.17 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:166 Resp: 3212836
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.6 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

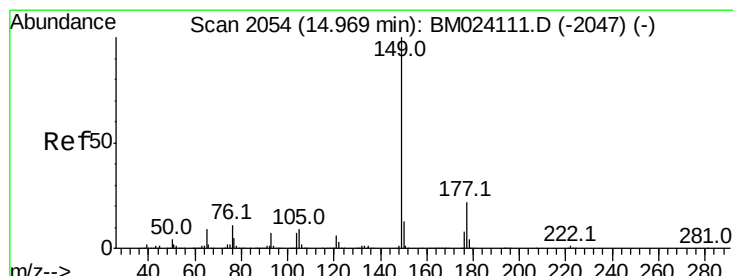
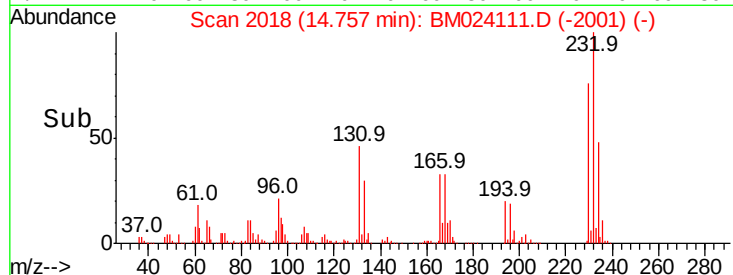
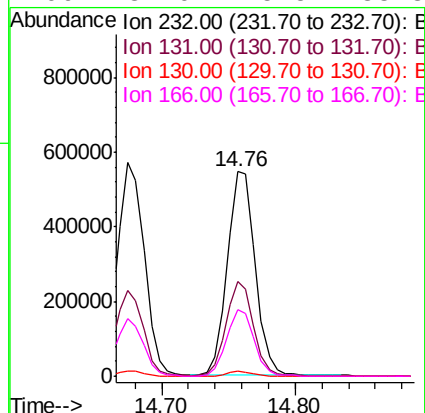
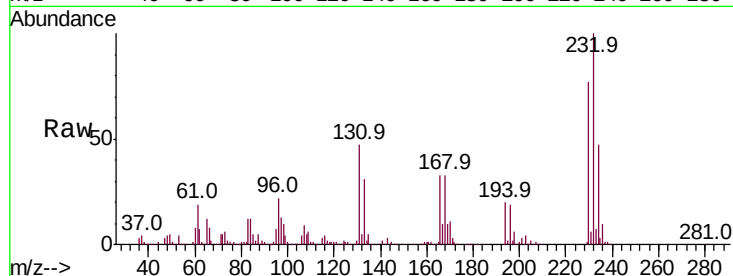




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.416 ng
RT: 14.76 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

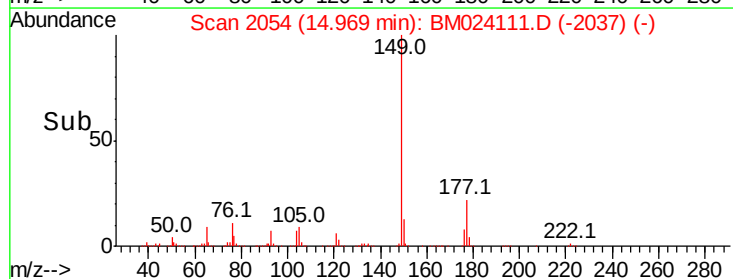
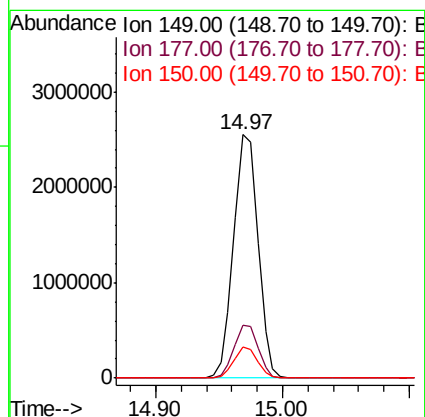
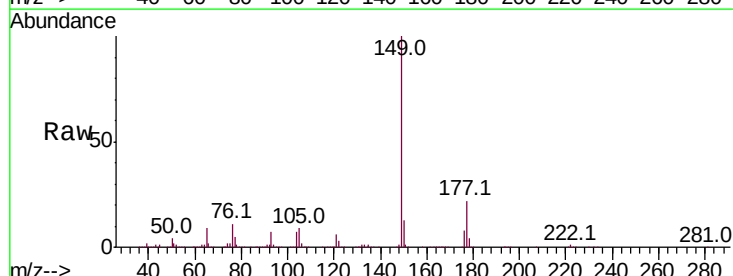
Instrument :
BNA_M
ClientSampleId :

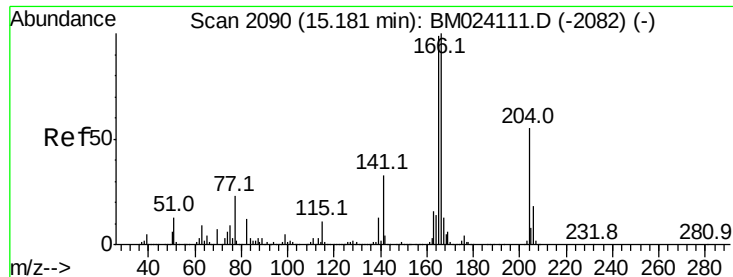
Tot Ion:	232	Resp:	801403
Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.1	54.1
130	2.4	1.9	2.9
166	32.0	25.5	38.3



#60
Diethylphthalate
Concen: 44.548 ng
RT: 14.97 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:	149	Resp:	3408021
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.6	10.1	15.1





#61

4-Chlorophenyl-phenylether

Concen: 39.994 ng

RT: 15.18 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

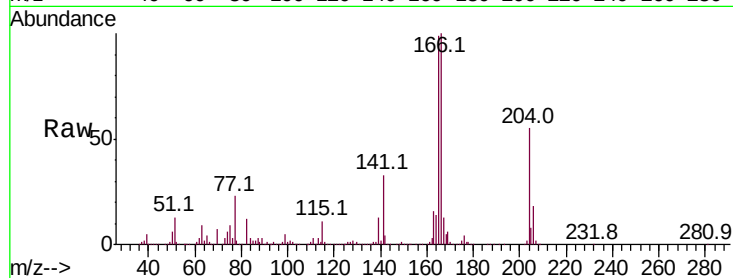
Tot Ion:204 Resp: 1586210

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	58.7	47.0	70.4

204 100

206 32.3 25.8 38.8

141 58.7 47.0 70.4

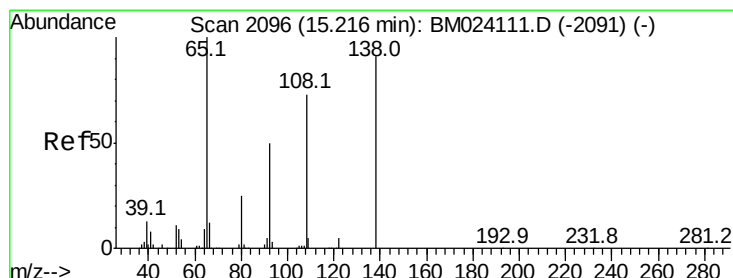
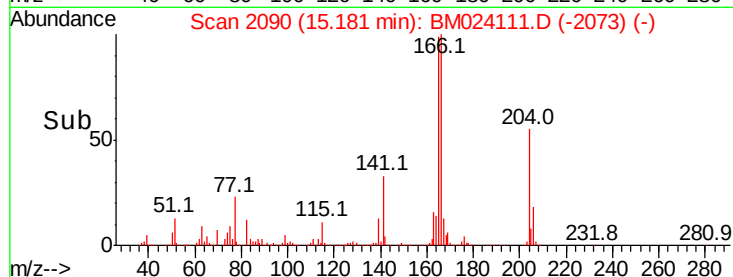
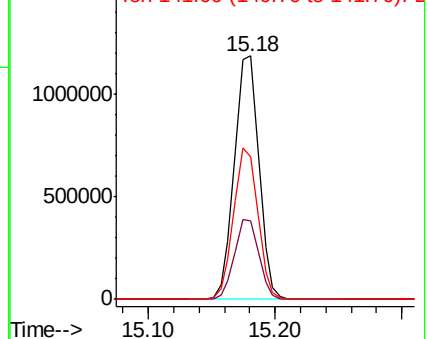


Abundance

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: 40.857 ng

RT: 15.22 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

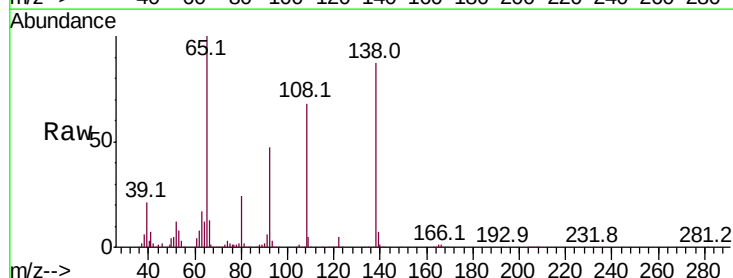
Tgt Ion:138 Resp: 811557

Ion	Ratio	Lower	Upper
138	100		
92	53.8	33.8	73.8
108	77.6	57.6	97.6

138 100

92 53.8 33.8 73.8

108 77.6 57.6 97.6

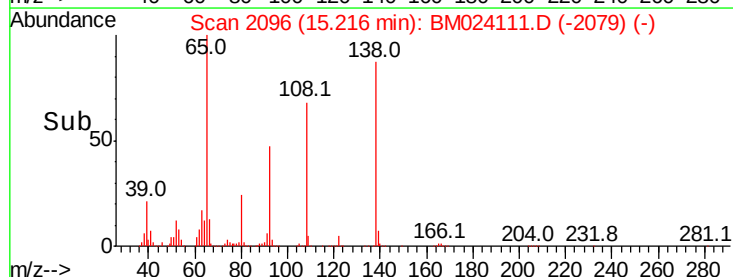
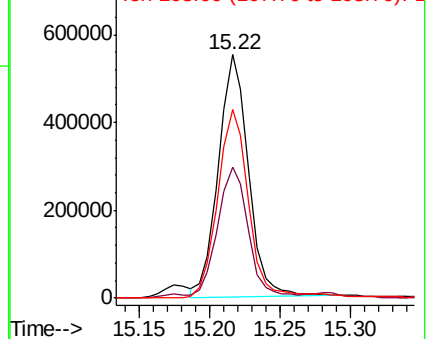


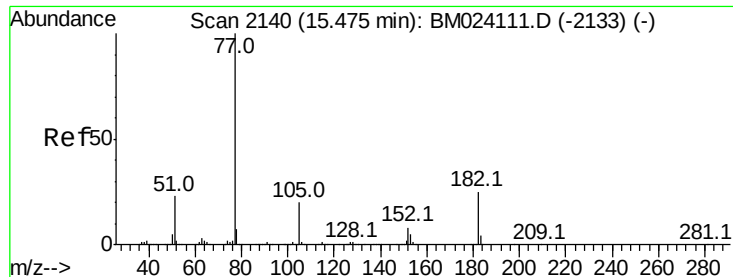
Abundance

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: 48.400 ng

RT: 15.47 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 3343773

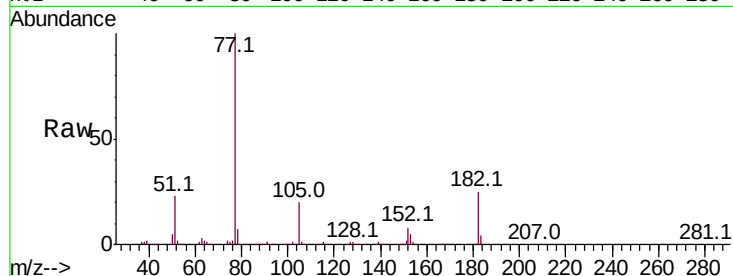
Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.7	44.7
105	20.0	0.0	40.0
51	22.6	2.6	42.6

77 100

182 24.7 4.7 44.7

105 20.0 0.0 40.0

51 22.6 2.6 42.6



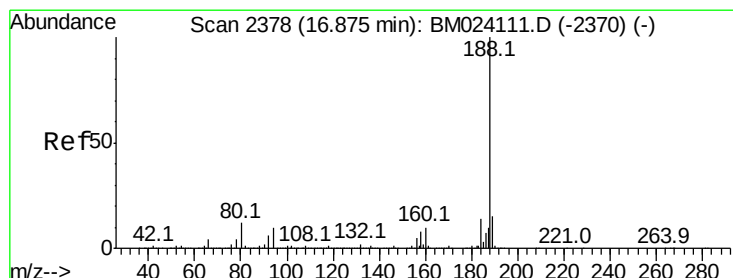
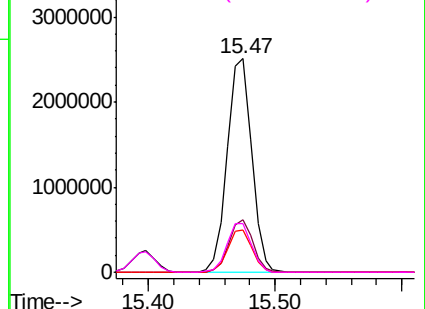
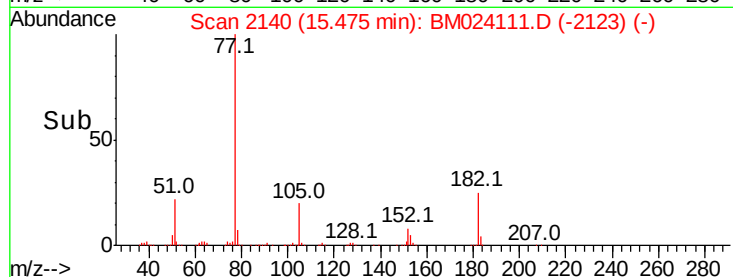
Abundance

Ion 77.00 (76.70 to 77.70): BM024111.D (-2133) (-)

Ion 182.00 (181.70 to 182.70): BM024111.D (-2133) (-)

Ion 105.00 (104.70 to 105.70): BM024111.D (-2133) (-)

Ion 51.00 (50.70 to 51.70): BM024111.D (-2133) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.87 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

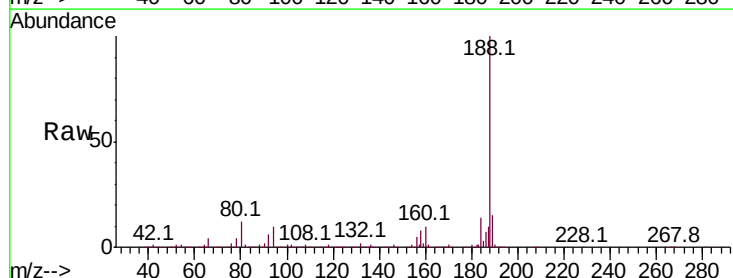
Tgt Ion: 188 Resp: 2369729

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	12.0	9.6	14.4

188 100

94 10.3 8.2 12.4

80 12.0 9.6 14.4

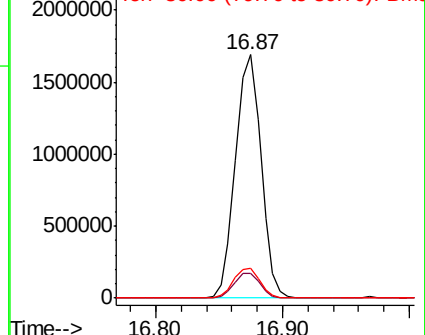
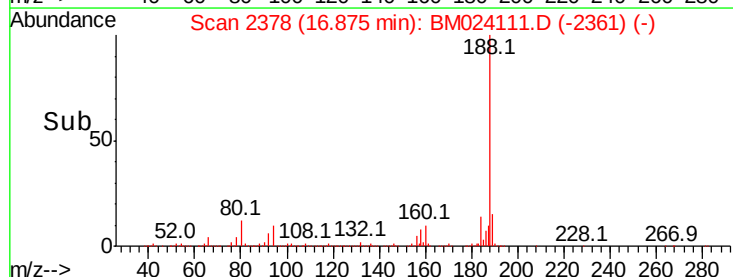


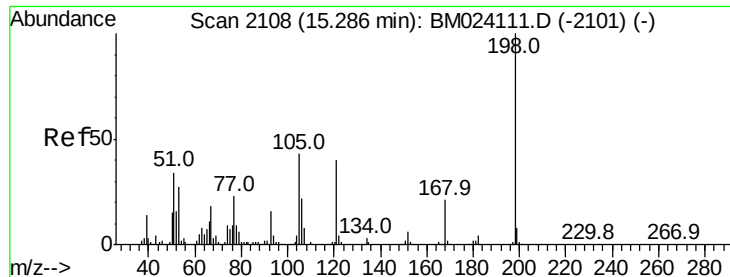
Abundance

Ion 188.00 (187.70 to 188.70): BM024111.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM024111.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM024111.D (-2370) (-)

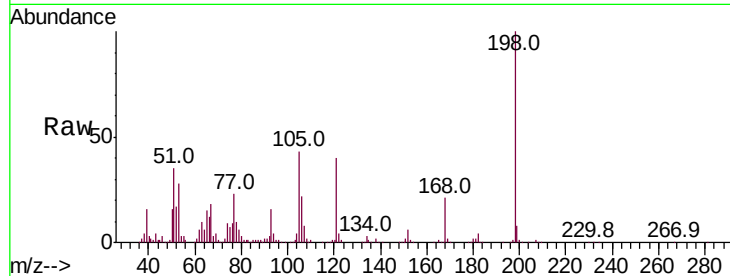




#65
4,6-Dinitro-2-methylphenol
Concen: 48.055 ng
RT: 15.29 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.0	15.0	55.0
105	42.9	22.9	62.9

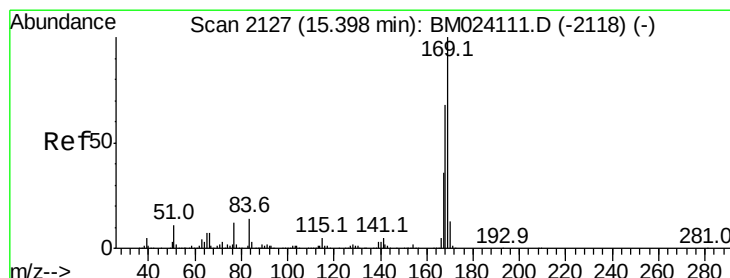
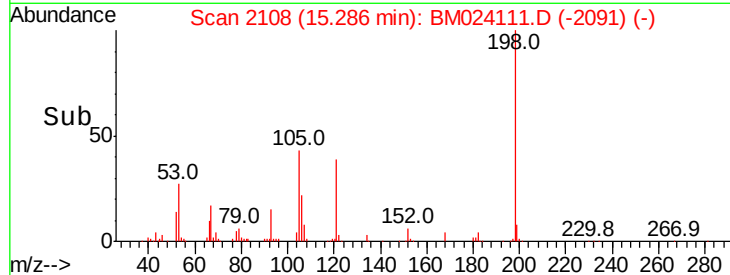
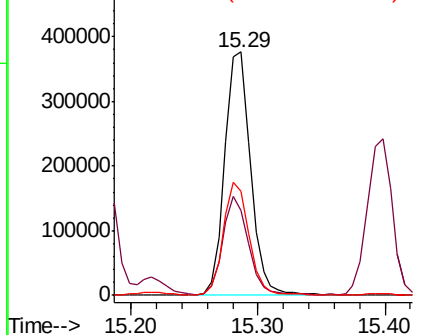


Abundance

Ion 198.00 (197.70 to 198.70): E

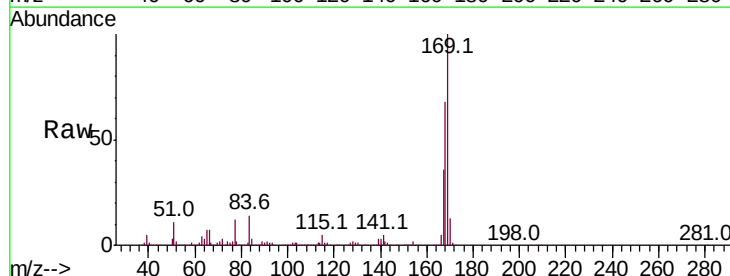
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.586 ng
RT: 15.40 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.0	81.0
167	36.1	28.9	43.3

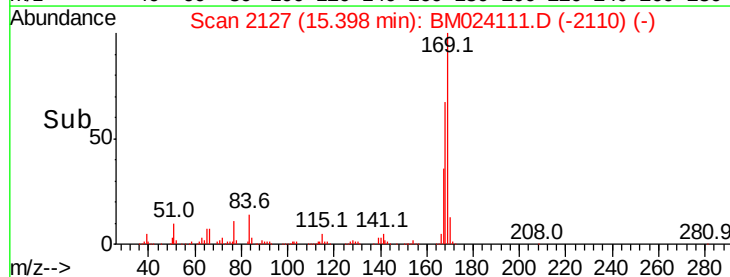
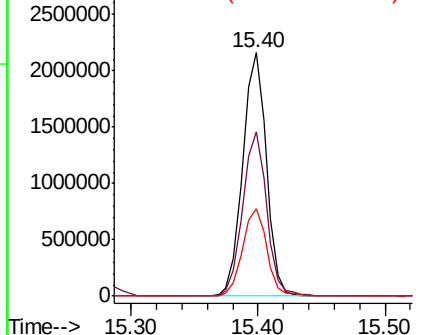


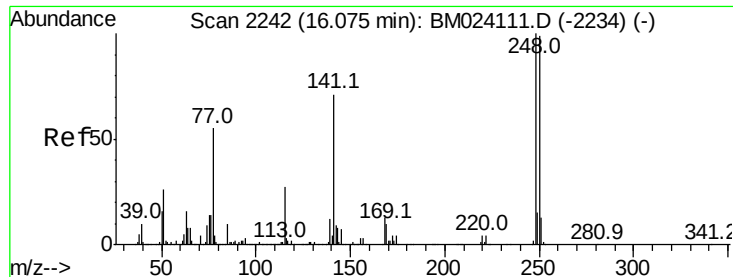
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

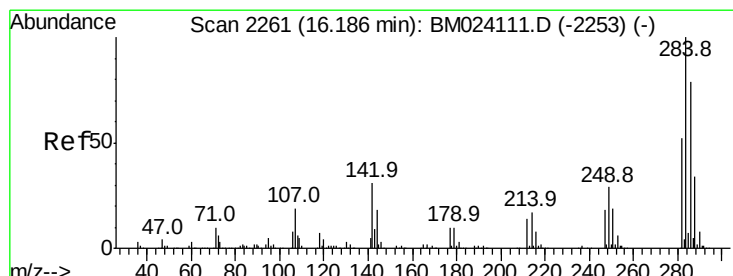
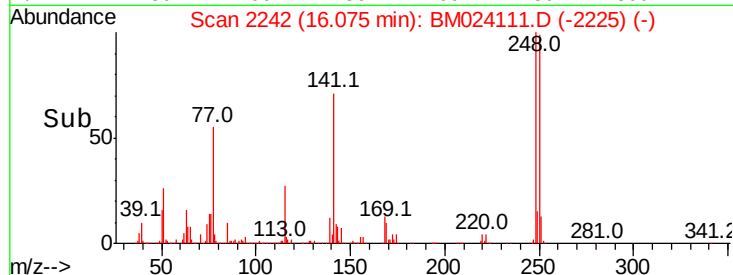
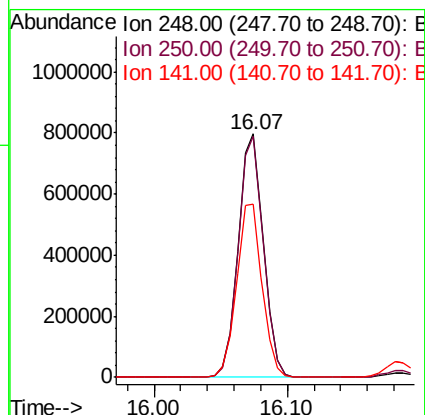
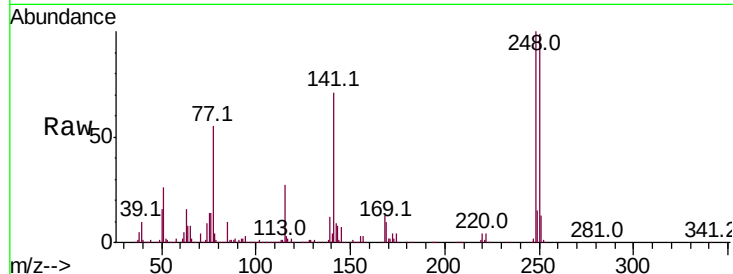




#67
4-Bromophenyl-phenylether
Concen: 39.406 ng
RT: 16.07 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

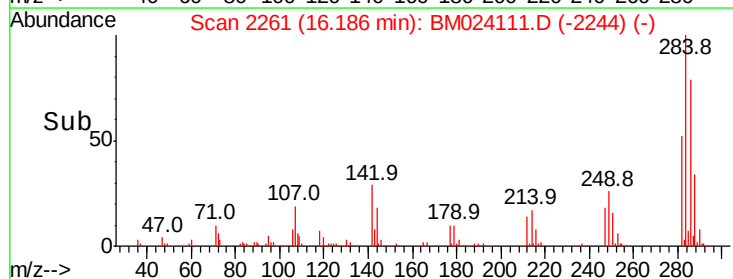
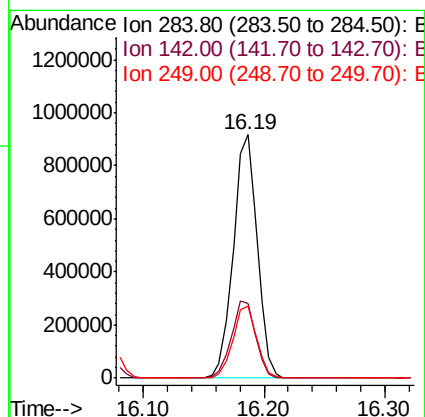
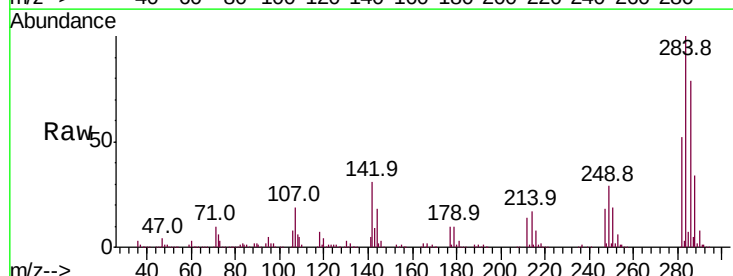
Instrument :
BNA_M
ClientSampleId :

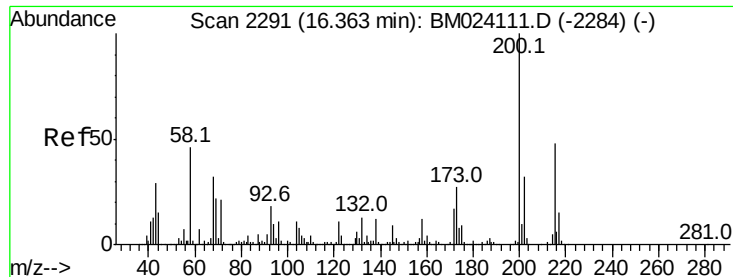
Tot Ion:248 Resp: 1038621
Ion Ratio Lower Upper
248 100
250 98.9 79.1 118.7
141 71.0 56.8 85.2



#68
Hexachlorobenzene
Concen: 41.123 ng
RT: 16.19 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:284 Resp: 1264020
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 29.4 23.5 35.3

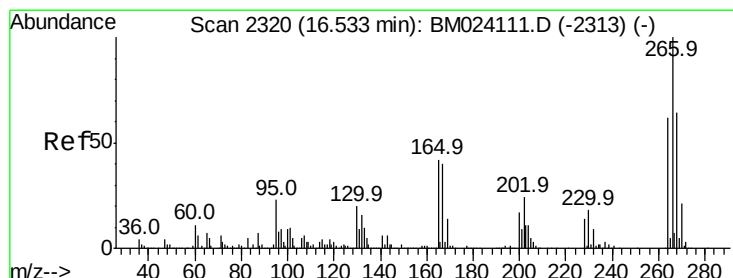
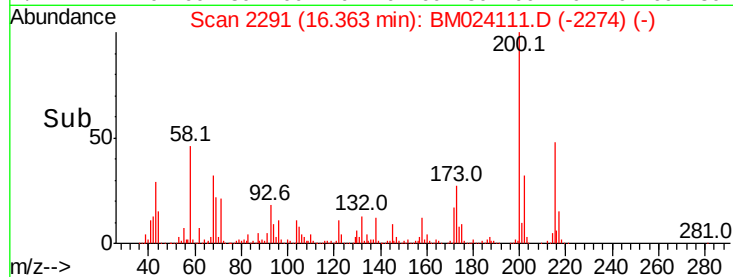
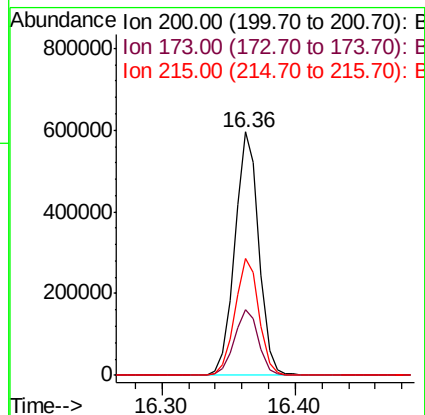
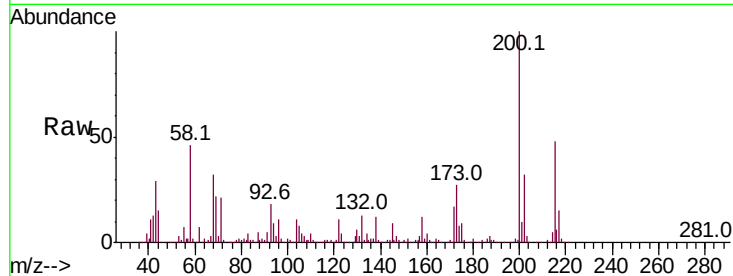




#69
Atrazine
Concen: 31.758 ng
RT: 16.36 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

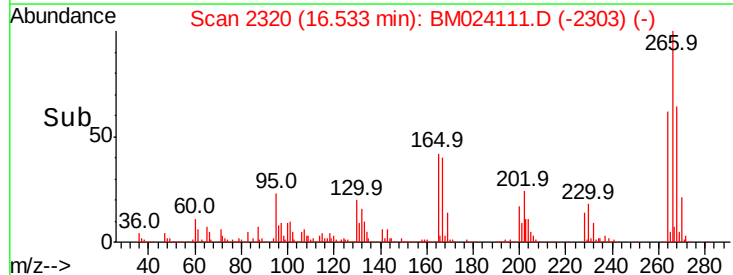
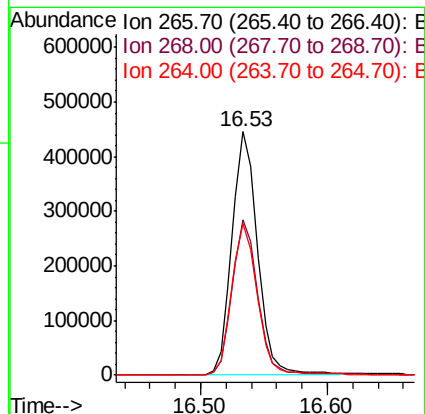
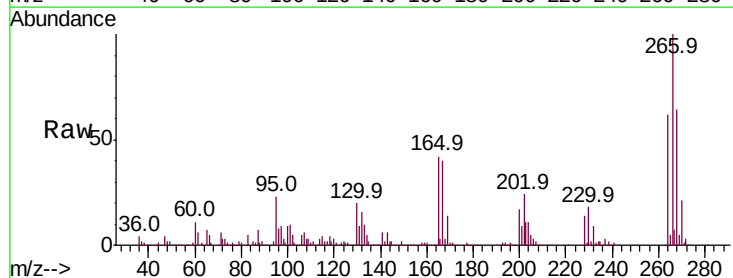
Instrument :
BNA_M
ClientSampleId :

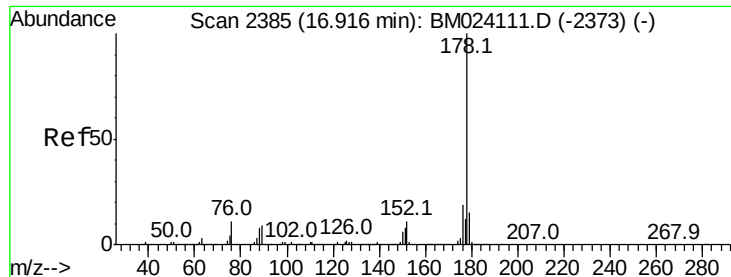
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.2	47.2
215	47.9	27.9	67.9



#70
Pentachlorophenol
Concen: 37.956 ng
RT: 16.53 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	62.0	49.6	74.4

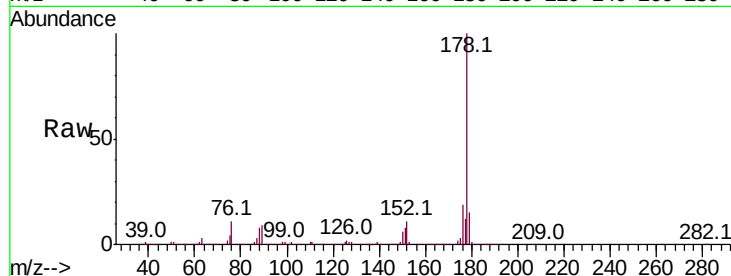




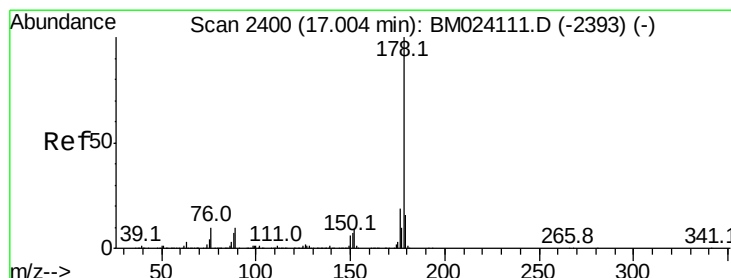
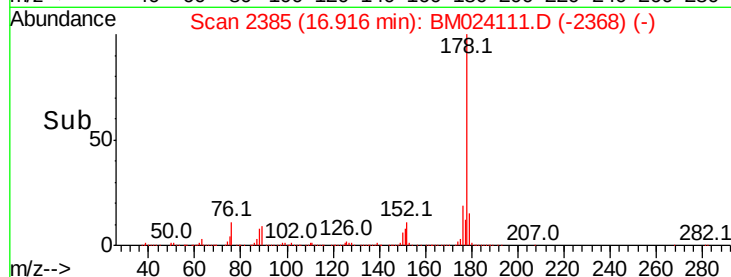
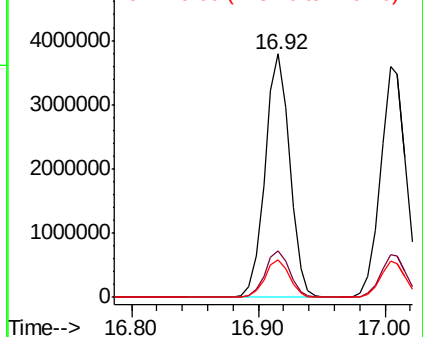
#71
Phenanthrene
Concen: 38.384 ng
RT: 16.92 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 5132481
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.2

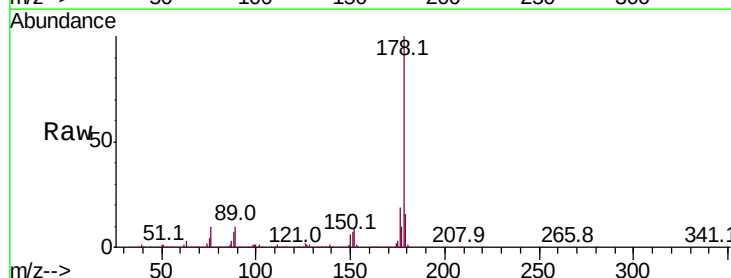


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

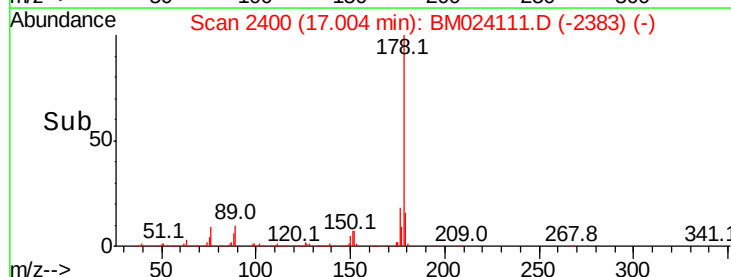
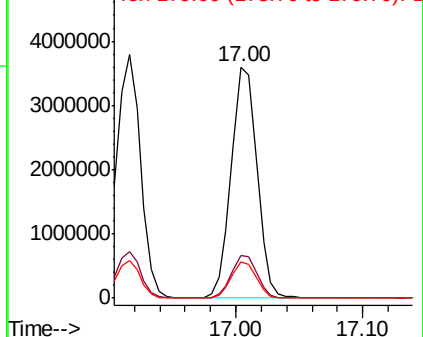


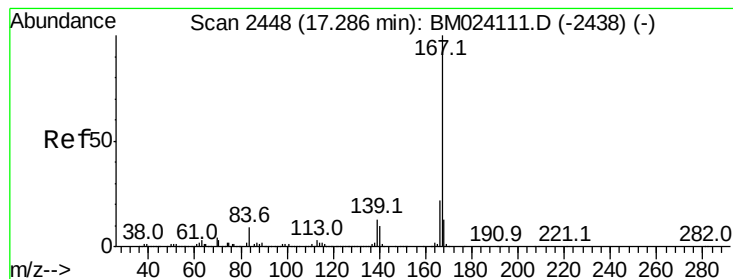
#72
Anthracene
Concen: 38.855 ng
RT: 17.00 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:178 Resp: 5035248
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.6 12.5 18.7



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





#73

Carbazole

Concen: 39.670 ng

RT: 17.29 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

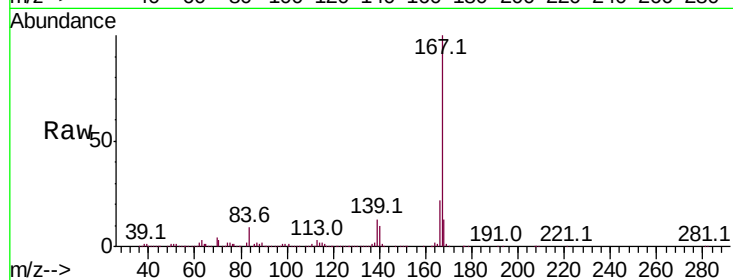
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 4783846

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.8	10.2	15.4

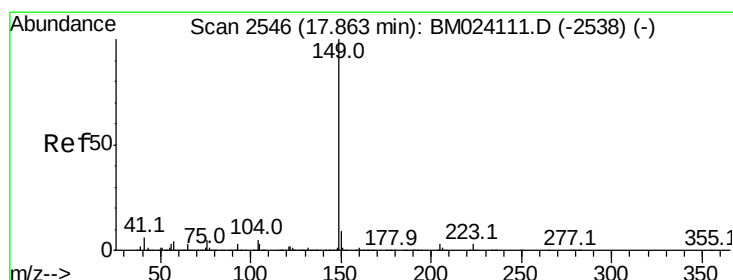
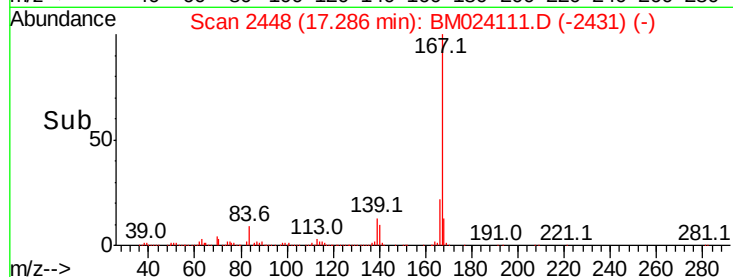
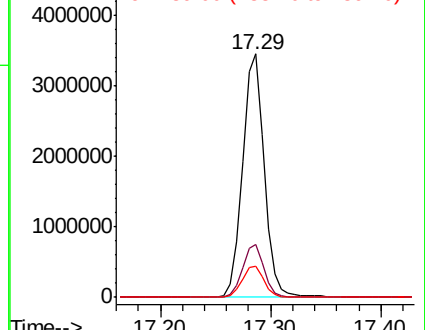


Abundance

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: 43.320 ng

RT: 17.86 min Scan# 2546

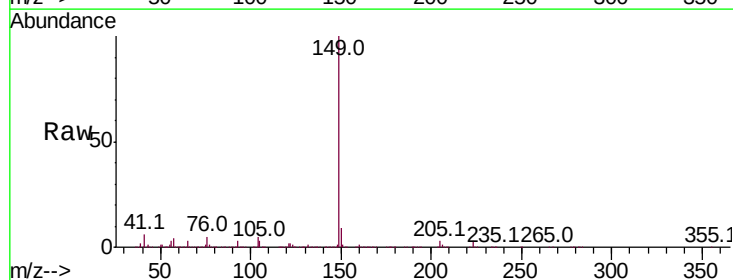
Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Tgt Ion:149 Resp: 5923482

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.0	4.0	6.0

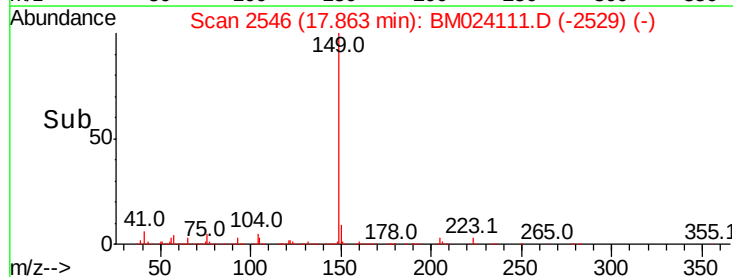
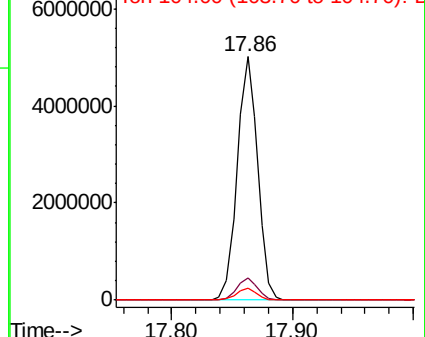


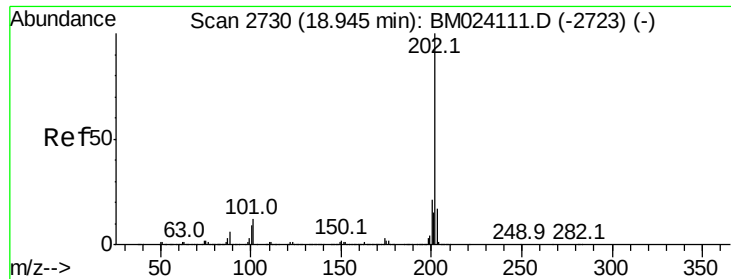
Abundance

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: 39.484 ng

RT: 18.95 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

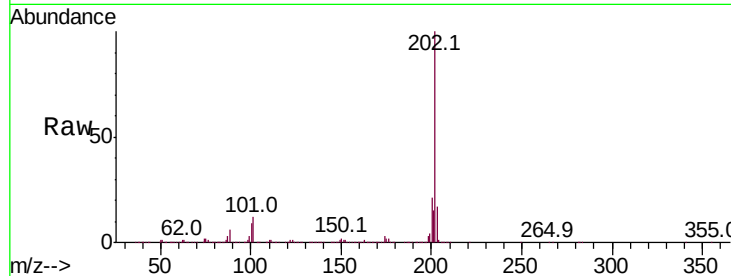
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 5957573

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.0
203	17.5	0.0	37.5

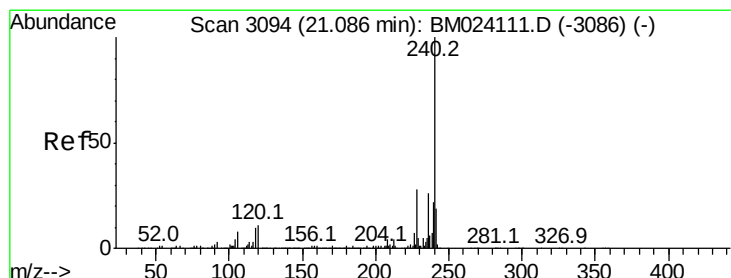
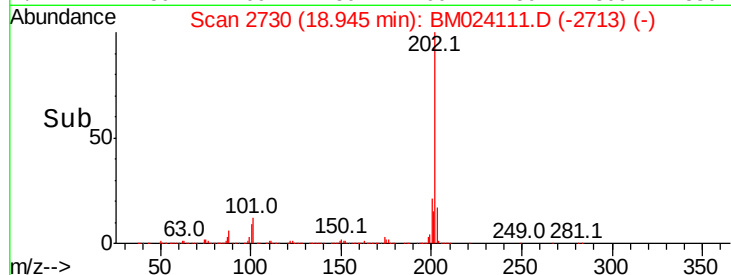
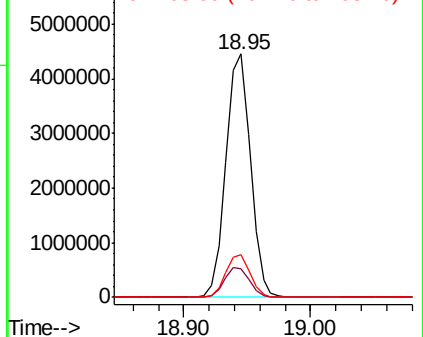


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

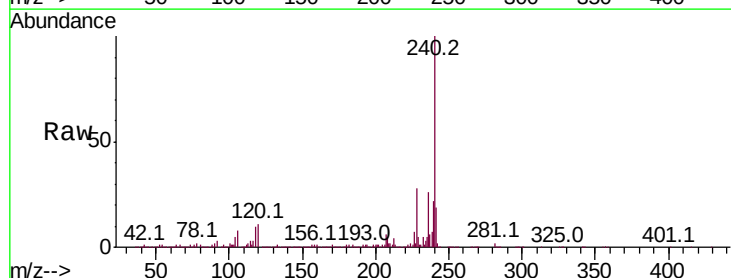
Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Tgt Ion:240 Resp: 2408466

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	25.9	20.7	31.1

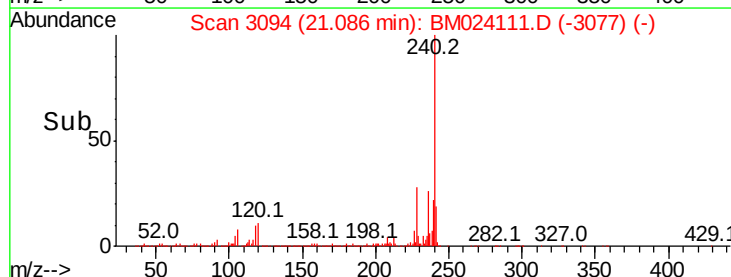
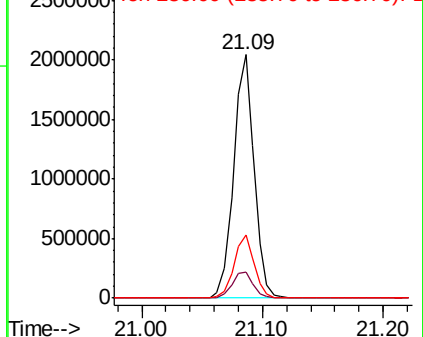


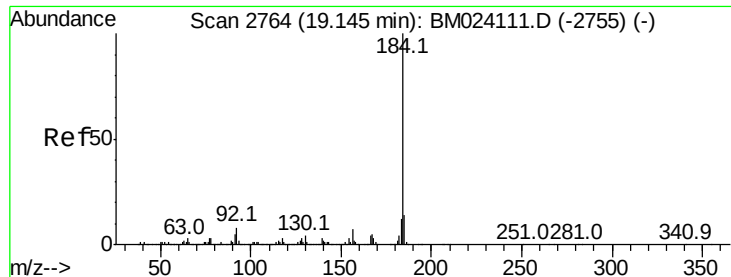
Abundance

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: 31.283 ng

RT: 19.15 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

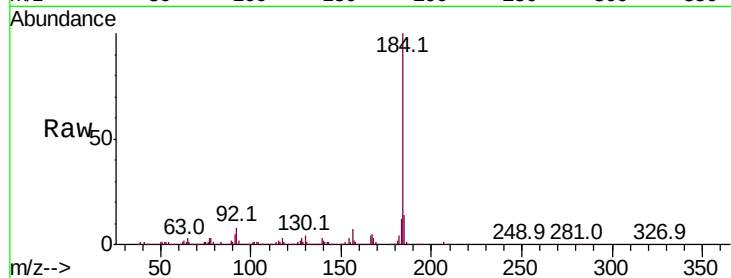
Tot Ion:184 Resp: 2066926

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.0	16.4
183	12.4	9.9	14.9

184 100

185 13.7 11.0 16.4

183 12.4 9.9 14.9

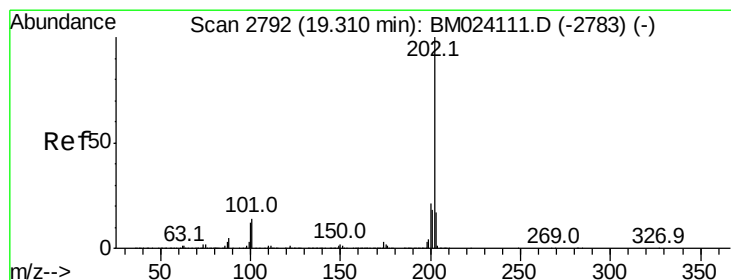
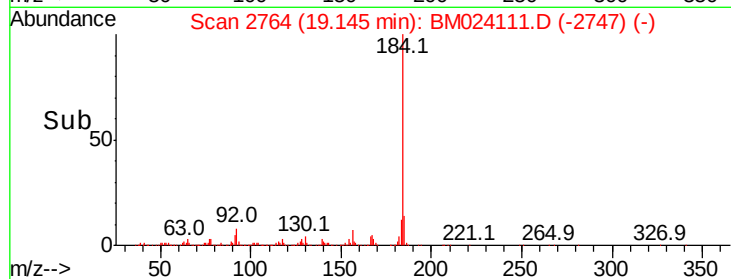
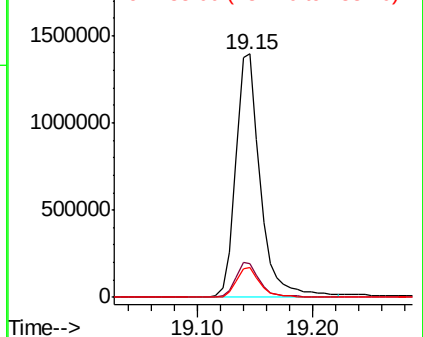


Abundance

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: 38.794 ng

RT: 19.31 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

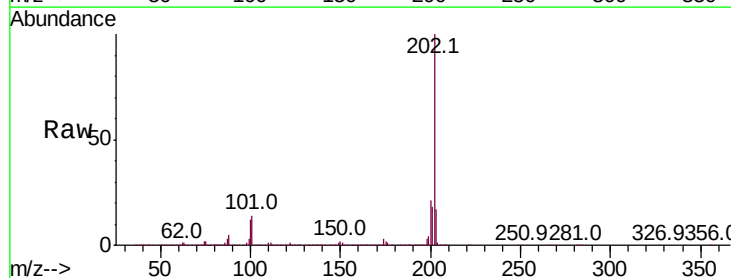
Tgt Ion:202 Resp: 6123187

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.5	14.0	21.0

202 100

200 21.4 17.1 25.7

203 17.5 14.0 21.0

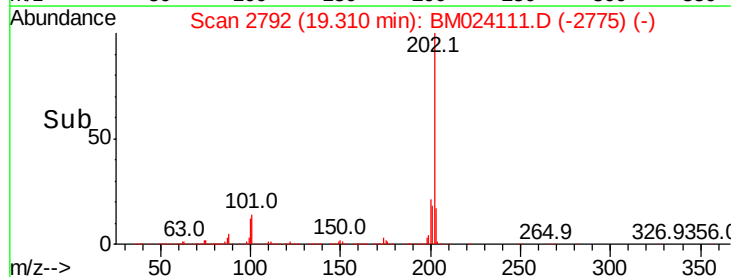
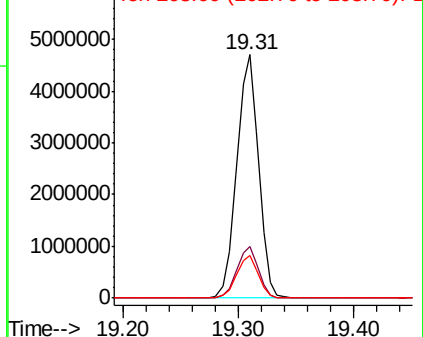


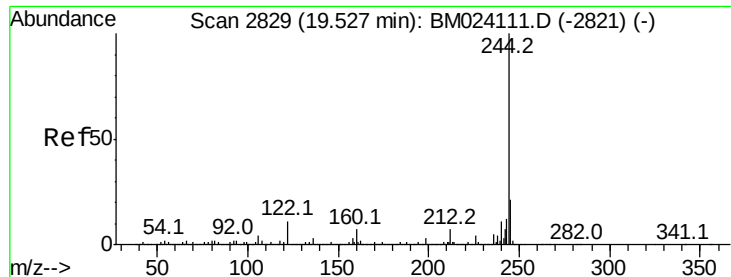
Abundance

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: 80.630 ng

RT: 19.53 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

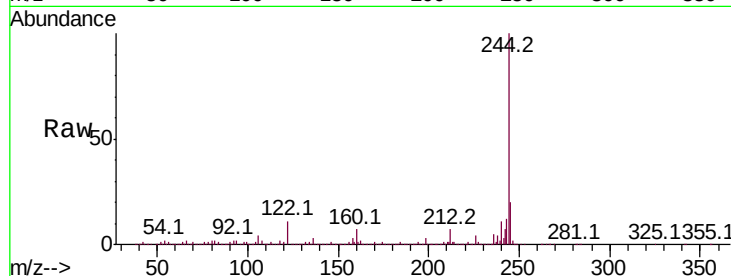
Tot Ion:244 Resp:10028755

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

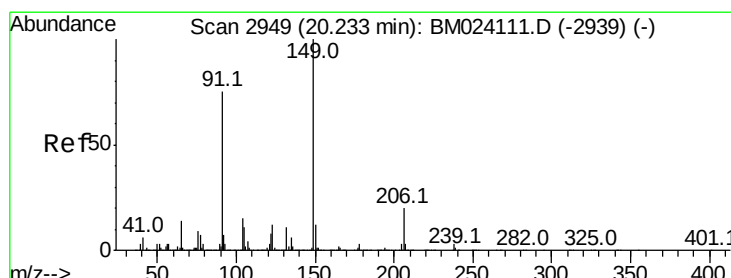
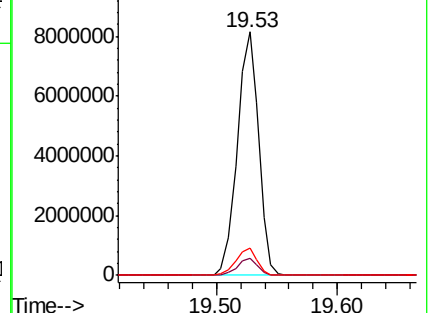
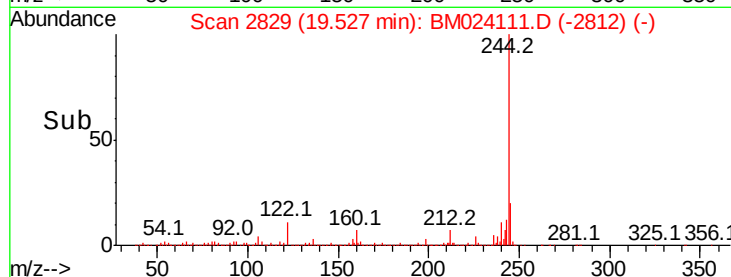
122 11.1 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.781 ng

RT: 20.23 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

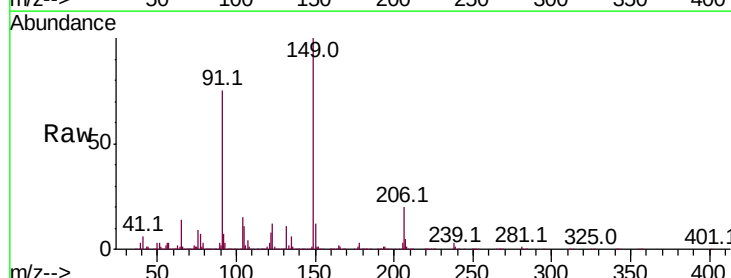
Tgt Ion:149 Resp: 2806256

Ion Ratio Lower Upper

149 100

91 74.6 59.7 89.5

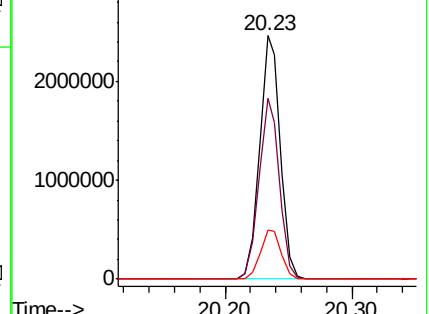
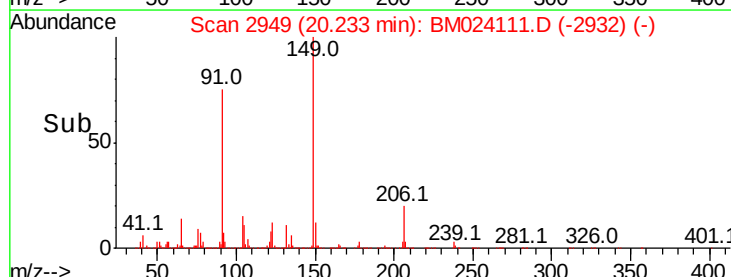
206 20.0 16.0 24.0

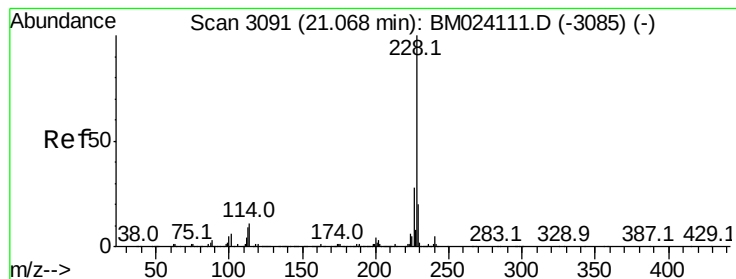


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.342 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

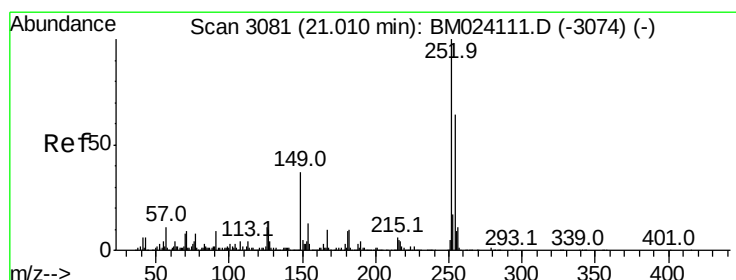
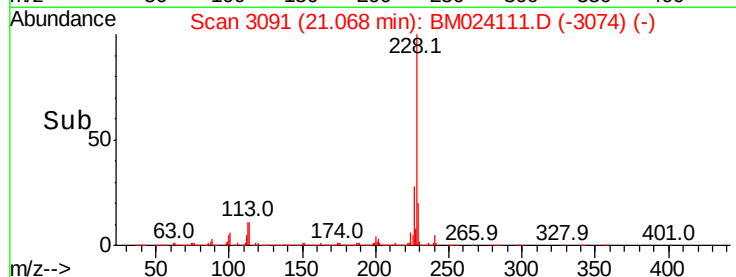
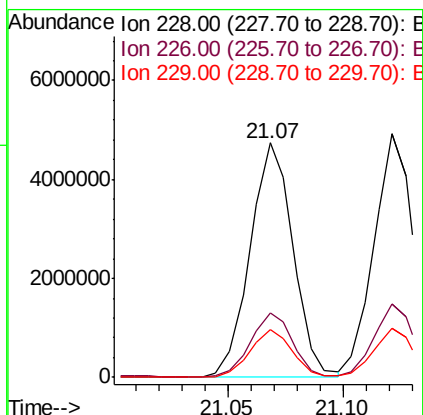
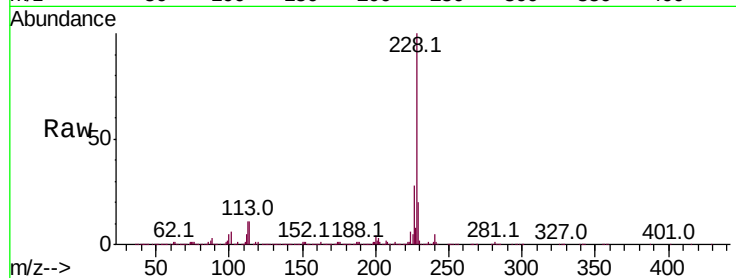
Tot Ion:228 Resp: 6141082

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.1	16.1	24.1

228 100

226 27.6 22.1 33.1

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.770 ng

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

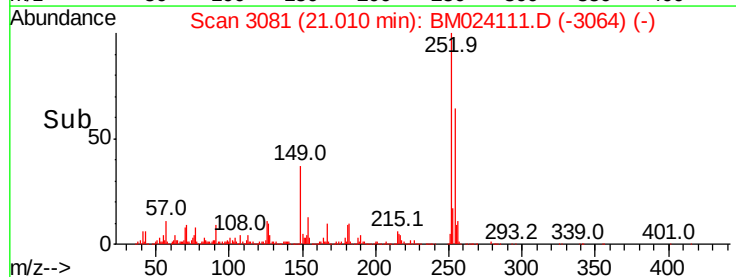
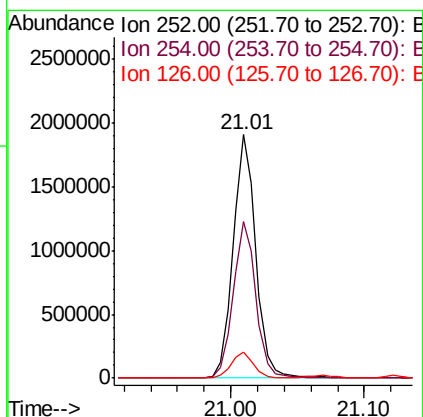
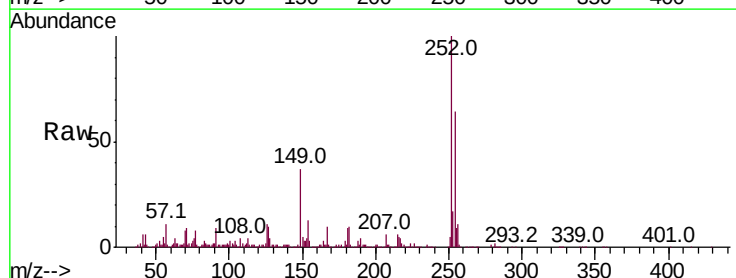
Tgt Ion:252 Resp: 2256913

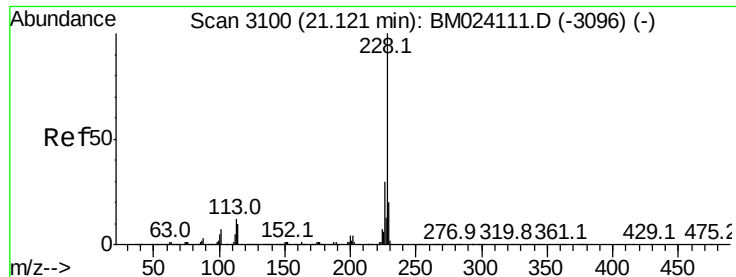
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	10.8	8.6	13.0

252 100

254 64.1 51.3 76.9

126 10.8 8.6 13.0





#83

Chrysene

Concen: 38.706 ng

RT: 21.12 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

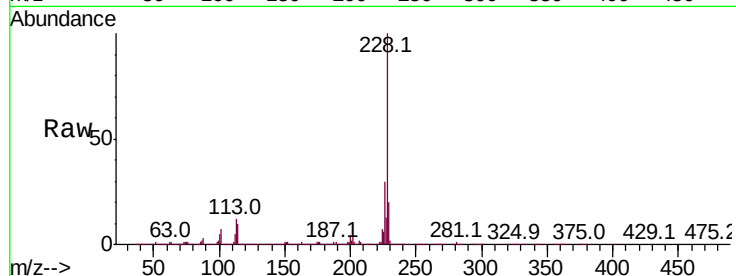
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 5857467

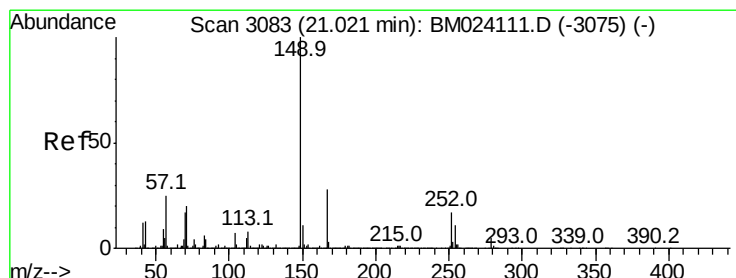
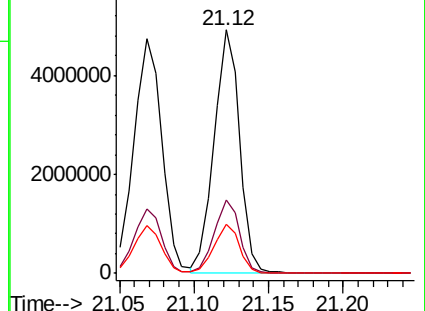
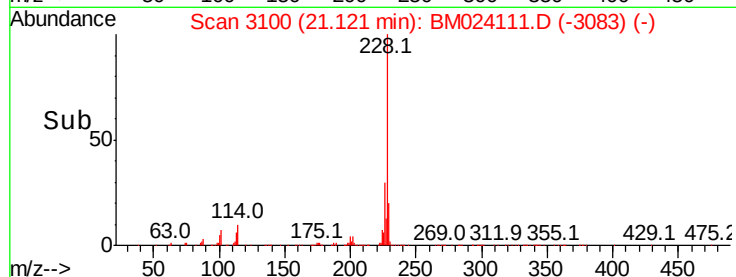
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	20.1	16.1	24.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.542 ng

RT: 21.02 min Scan# 3083

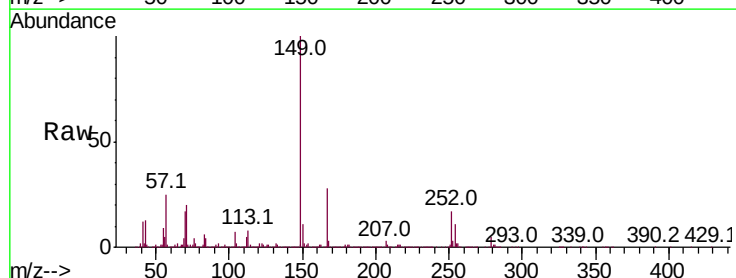
Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Tgt Ion:149 Resp: 4047864

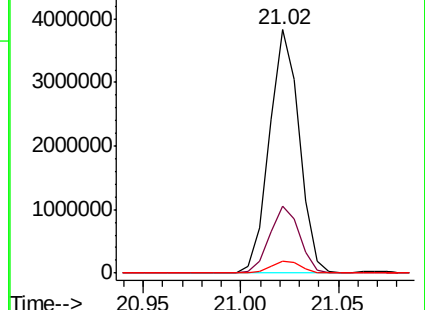
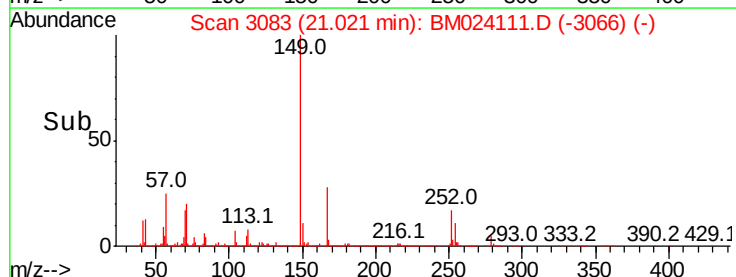
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.9	3.9	5.9

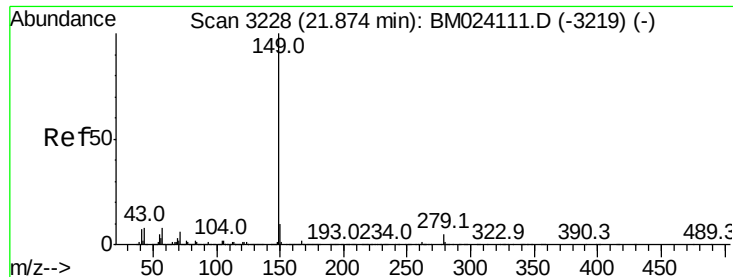


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.016 ng

RT: 21.87 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

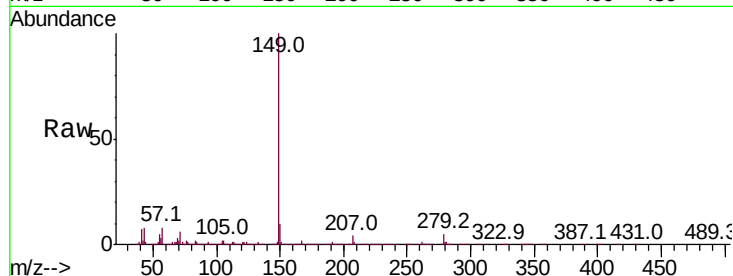
Tot Ion:149 Resp: 6801772

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

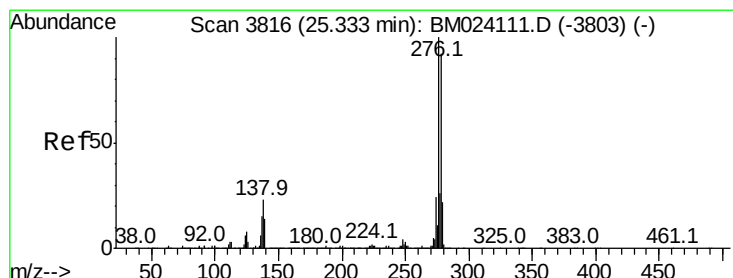
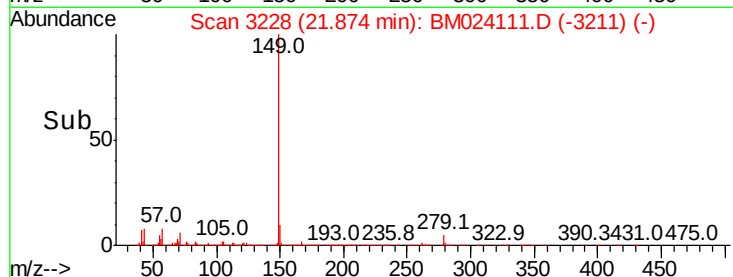
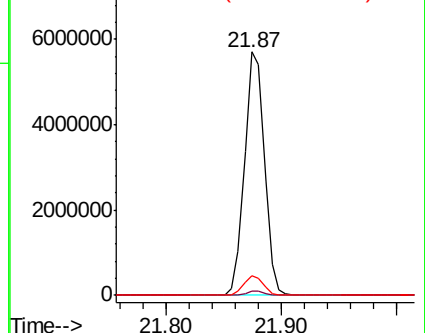
43 8.2 6.6 9.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.704 ng

RT: 25.33 min Scan# 3816

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

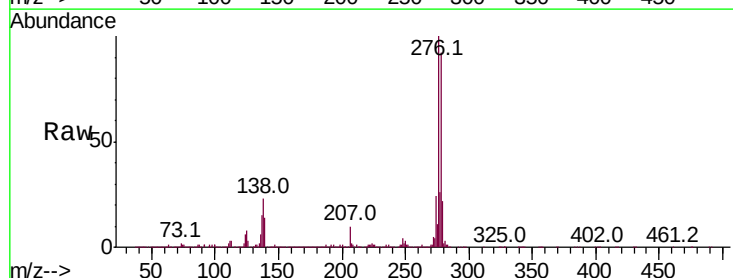
Tgt Ion:276 Resp: 7532706

Ion Ratio Lower Upper

276 100

138 22.2 0.0 0.0#

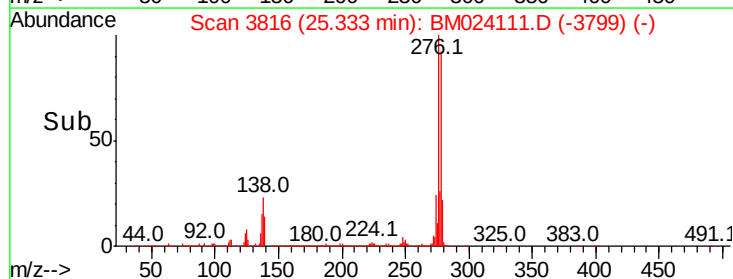
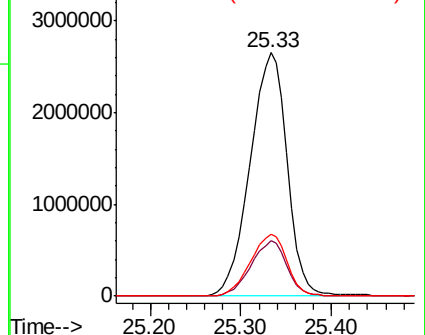
277 25.3 0.0 0.0#

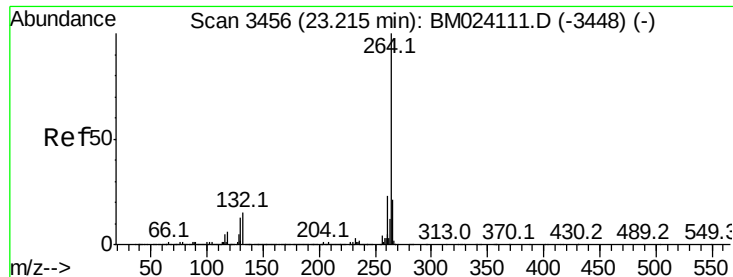


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM024111.D

Acq: 16 Dec 2019 16:45

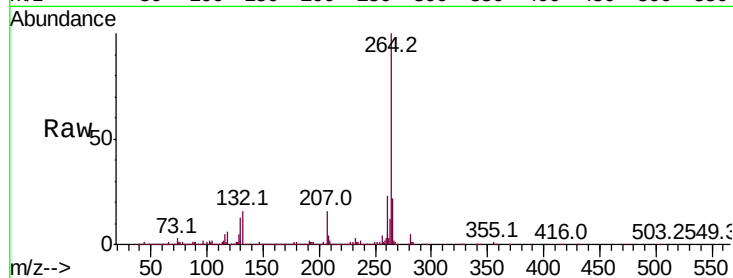
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 2835634

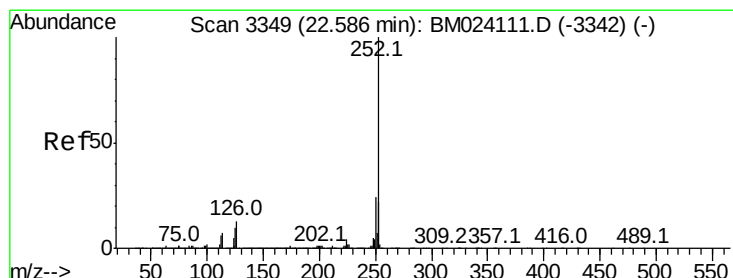
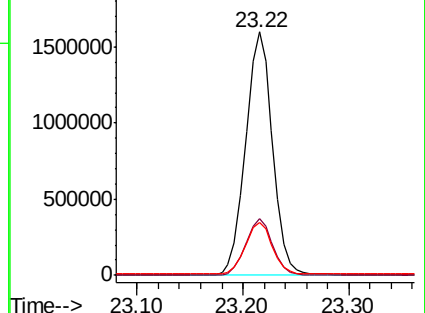
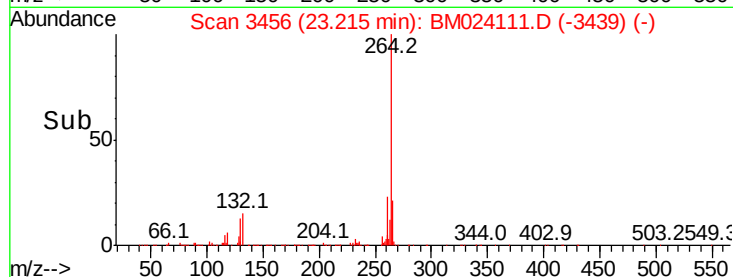
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.7	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.820 ng

RT: 22.59 min Scan# 3349

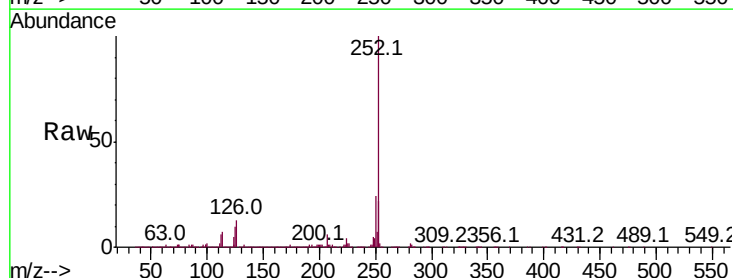
Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Tgt Ion:252 Resp: 6836597

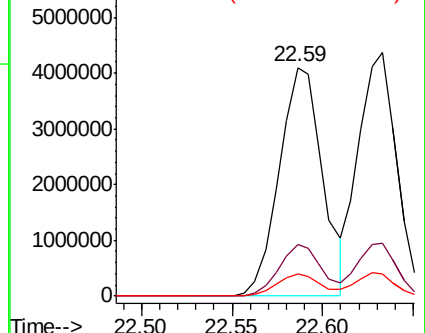
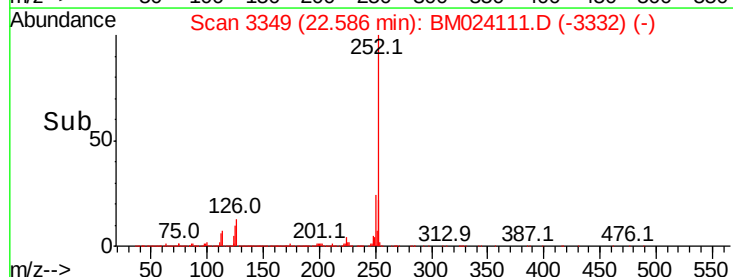
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.9	7.9	11.9

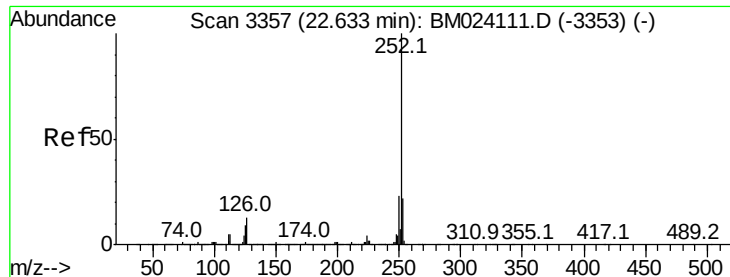


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.648 ng

RT: 22.63 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampled :

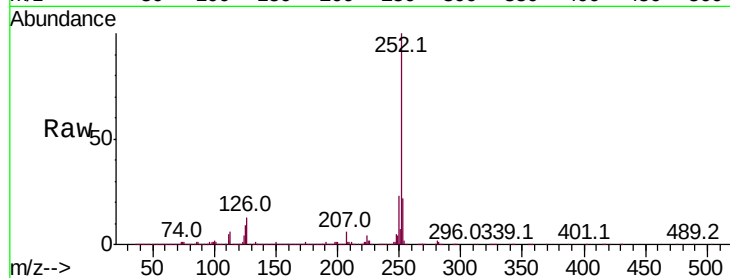
Tot Ion:252 Resp: 6413555

Ion Ratio Lower Upper

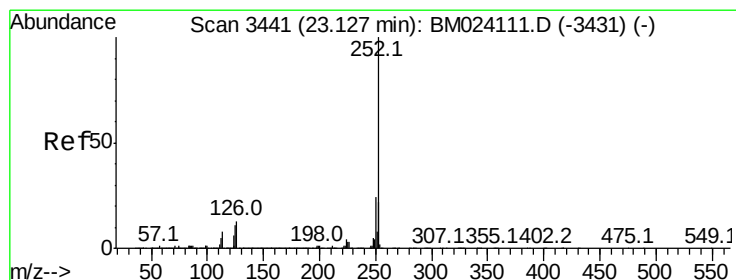
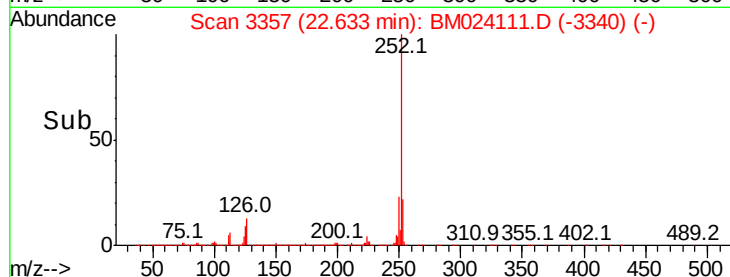
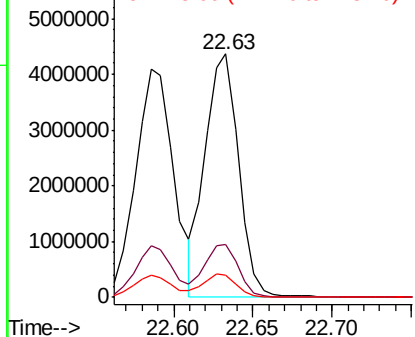
252 100

253 21.7 17.4 26.0

125 9.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
6000000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.220 ng

RT: 23.13 min Scan# 3441

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

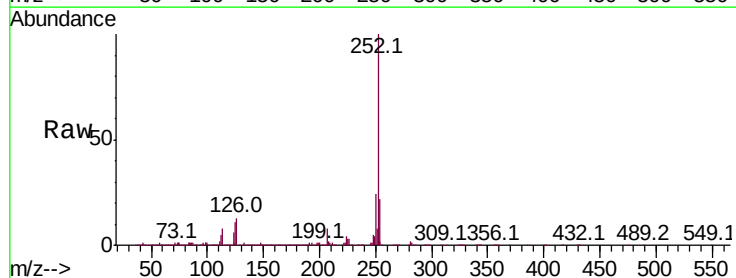
Tgt Ion:252 Resp: 6204702

Ion Ratio Lower Upper

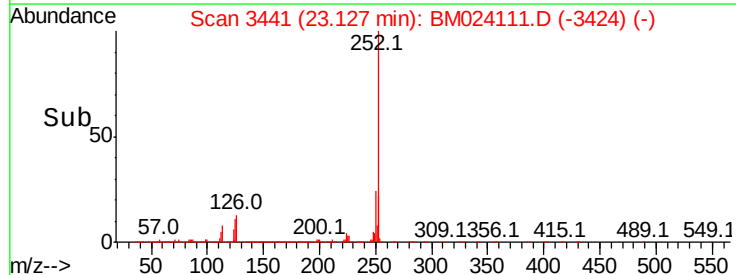
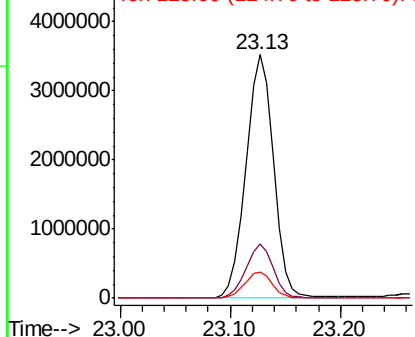
252 100

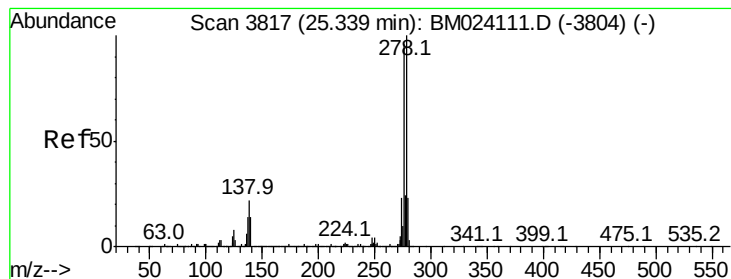
253 22.1 17.7 26.5

125 10.6 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
4000000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.723 ng

RT: 25.34 min Scan# 3817

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

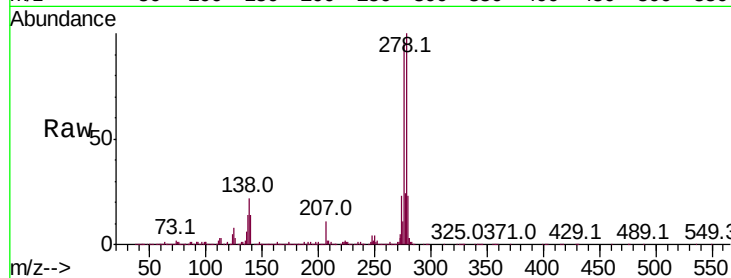
Tot Ion:278 Resp: 6242498

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.4	17.2
279	23.5	18.8	28.2

278 100

139 14.3 11.4 17.2

279 23.5 18.8 28.2

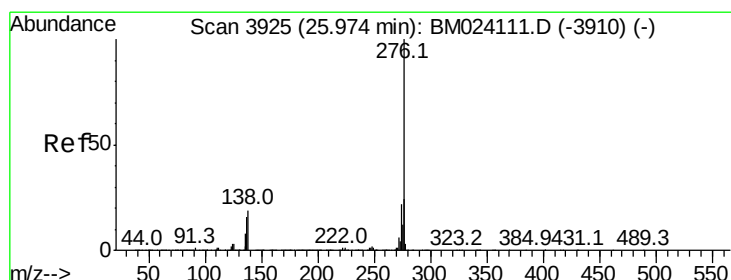
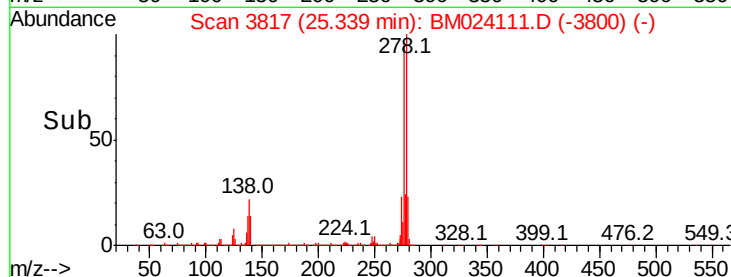
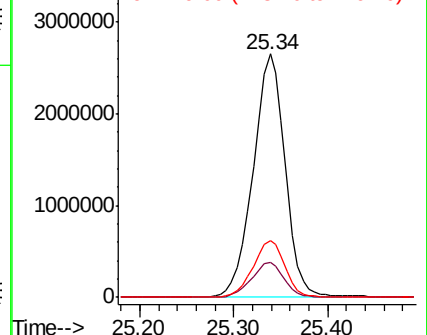


Abundance

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: 37.391 ng

RT: 25.97 min Scan# 3925

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

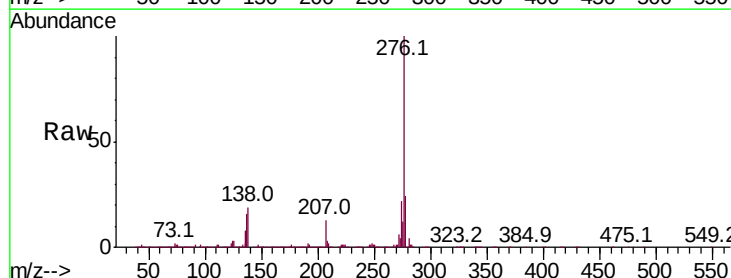
Tgt Ion:276 Resp: 5877024

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	19.2	15.4	23.0

276 100

277 23.8 19.0 28.6

138 19.2 15.4 23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

