

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
 Data File : BM024634.D
 Acq On : 28 Jan 2020 10:32
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 14:45:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	324058	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1251955	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	922180	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	2159892	20.00	ng	0.00
76) Chrysene-d12	21.06	240	2066253	20.00	ng	0.00
87) Perylene-d12	23.16	264	1964851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	1411051	82.81	ng	0.00
7) Phenol-d6	6.65	99	1898057	80.86	ng	0.00
23) Nitrobenzene-d5	8.59	82	2010459	78.75	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1430019	95.33	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	5967669	87.98	ng	0.00
79) Terphenyl-d14	19.50	244	10659865	96.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	261299	38.765	ng	92
3) Pyridine	3.45	79	749612	38.362	ng	95
4) n-Nitrosodimethylamine	3.37	42	296979	34.240	ng	84
6) Aniline	6.79	93	1146436	40.119	ng	96
8) 2-Chlorophenol	7.02	128	821890	42.370	ng	91
9) Benzaldehyde	6.60	77	516458	37.236	ng	92
10) Phenol	6.67	94	940253	40.184	ng	94
11) bis(2-Chloroethyl)ether	6.89	93	765570	40.870	ng	95
12) 1,3-Dichlorobenzene	7.33	146	1047101	43.940	ng	95
13) 1,4-Dichlorobenzene	7.48	146	1062808	43.962	ng	96
14) 1,2-Dichlorobenzene	7.79	146	1011115	43.329	ng	98
15) Benzyl Alcohol	7.69	79	747440	38.620	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.99	45	600026	34.990	ng	96
17) 2-Methylphenol	7.90	107	678300	41.136	ng	95
18) Hexachloroethane	8.50	117	376106	40.288	ng	94
19) n-Nitroso-di-n-propylamine	8.26	70	641092	36.375	ng	94
20) 3+4-Methylphenols	8.23	107	942171	41.277	ng	97
22) Acetophenone	8.26	105	1338337	41.458	ng	96
24) Nitrobenzene	8.63	77	954039	38.998	ng	94
25) Isophorone	9.16	82	1743879	40.203	ng	98
26) 2-Nitrophenol	9.33	139	530893	46.866	ng	88
27) 2,4-Dimethylphenol	9.41	122	680468	44.205	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	1110317	41.902	ng	99
29) 2,4-Dichlorophenol	9.86	162	984154	47.322	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	1194354	47.617	ng	99
31) Naphthalene	10.25	128	2781679	43.991	ng	100
32) Benzoic acid	9.60	122	582532	41.369	ng	94
33) 4-Chloroaniline	10.37	127	1246015	44.955	ng	96
34) Hexachlorobutadiene	10.56	225	813733	46.931	ng	99
35) Caprolactam	11.17	113	282071	42.275	ng	85
36) 4-Chloro-3-methylphenol	11.52	107	945073	42.736	ng	90
37) 2-Methylnaphthalene	11.87	142	2223153	45.558	ng	98
38) 1-Methylnaphthalene	12.10	142	2098380	45.206	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1475767	44.839	ng	99

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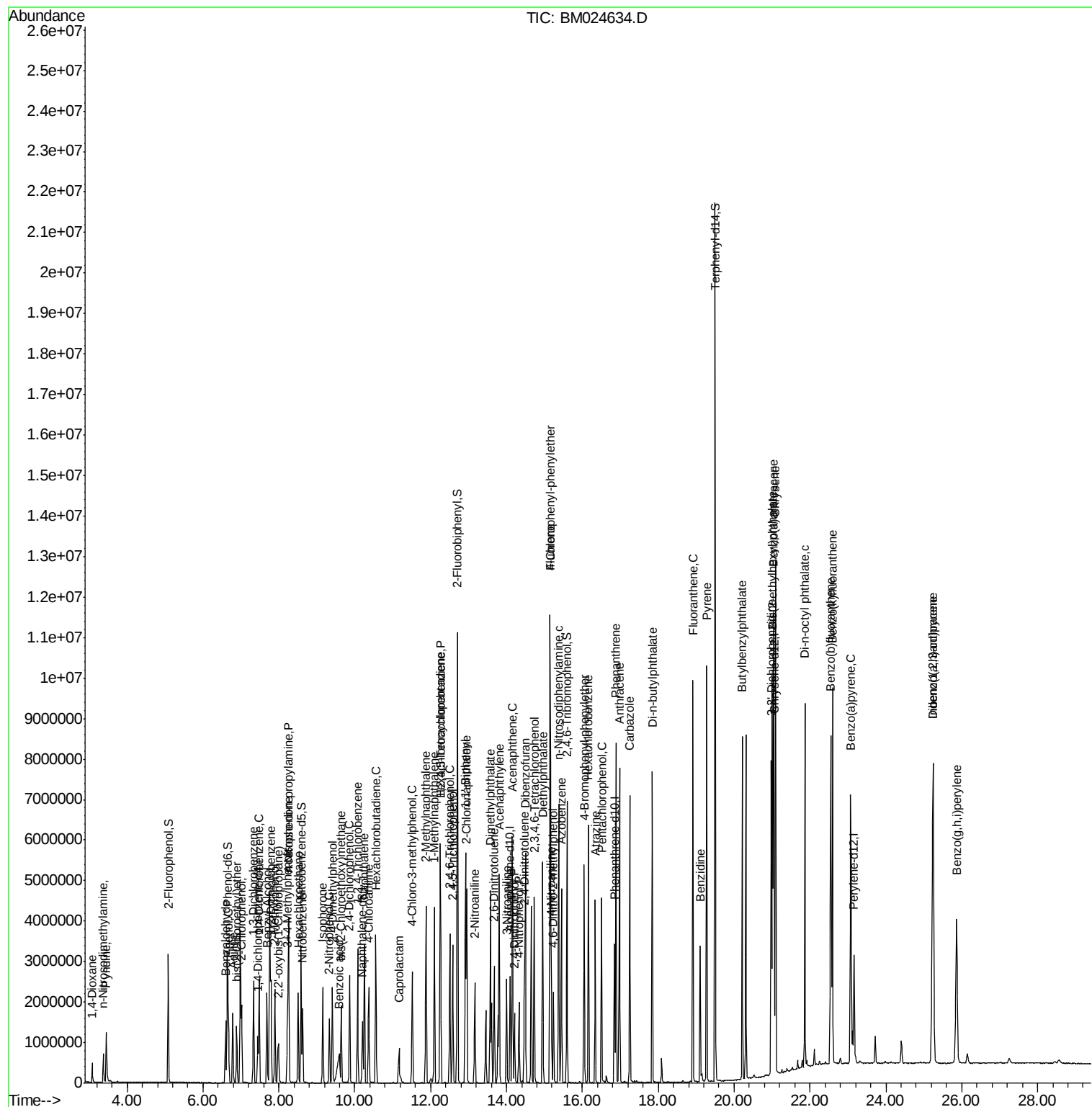
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	845333	45.822	ng	100
43) 2,4,6-Trichlorophenol	12.51	196	964159	46.035	ng	100
44) 2,4,5-Trichlorophenol	12.58	196	987096	46.148	ng	96
46) 1,1'-Biphenyl	12.92	154	3085276	44.209	ng	99
47) 2-Chloronaphthalene	12.95	162	2500441	44.381	ng	98
48) 2-Nitroaniline	13.16	65	637235	37.084	ng	88
49) Acenaphthylene	13.81	152	3720658	44.114	ng	100
50) Dimethylphthalate	13.57	163	3256975	43.677	ng	100
51) 2,6-Dinitrotoluene	13.67	165	713226	44.987	ng #	85
52) Acenaphthene	14.16	154	2296617	43.882	ng	99
53) 3-Nitroaniline	14.00	138	715510	43.513	ng	94
54) 2,4-Dinitrophenol	14.22	184	438794	46.283	ng #	83
55) Dibenzofuran	14.50	168	3767820	44.143	ng	97
56) 4-Nitrophenol	14.33	139	550281	42.811	ng	87
57) 2,4-Dinitrotoluene	14.47	165	1027515	45.222	ng #	85
58) Fluorene	15.15	166	3112533	43.393	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	975981	44.994	ng	94
60) Diethylphthalate	14.96	149	3215022	42.468	ng	97
61) 4-Chlorophenyl-phenylether	15.16	204	1784808	43.159	ng	98
62) 4-Nitroaniline	15.18	138	775527	42.727	ng	91
63) Azobenzene	15.45	77	2412278	37.356	ng	92
65) 4,6-Dinitro-2-methylphenol	15.24	198	582971	45.904	ng	90
66) n-Nitrosodiphenylamine	15.37	169	2737313	44.120	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	1219796	45.413	ng	96
68) Hexachlorobenzene	16.16	284	1446503	46.929	ng	96
69) Atrazine	16.34	200	952937	40.014	ng	99
70) Pentachlorophenol	16.50	266	862218	45.924	ng	99
71) Phenanthrene	16.89	178	5158865	44.107	ng	99
72) Anthracene	16.98	178	5058560	44.201	ng	99
73) Carbazole	17.25	167	4549009	43.664	ng	99
74) Di-n-butylphthalate	17.84	149	5620945	42.203	ng	99
75) Fluoranthene	18.92	202	6356993	43.547	ng	99
77) Benzidine	19.11	184	2098133	43.602	ng	100
78) Pyrene	19.27	202	6486751	47.621	ng	100
80) Butylbenzylphthalate	20.22	149	2556845	44.733	ng	94
81) Benzo(a)anthracene	21.04	228	6303672	43.956	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	2347117	45.497	ng	100
83) Chrysene	21.09	228	6026064	44.036	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	3573076	42.367	ng	97
85) Di-n-octyl phthalate	21.86	149	5730443	41.127	ng #	96
86) Indeno(1,2,3-cd)pyrene	25.24	276	5549572	37.208	ng	99
88) Benzo(b)fluoranthene	22.54	252	5948328	46.677	ng	100
89) Benzo(k)fluoranthene	22.59	252	5679440	45.659	ng	99
90) Benzo(a)pyrene	23.08	252	5201861	44.897	ng	99
91) Dibenzo(a,h)anthracene	25.25	278	4604184	41.868	ng	99
92) Benzo(g,h,i)perylene	25.87	276	4380880	43.873	ng	98

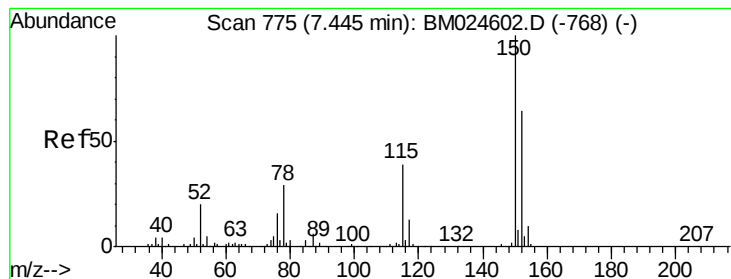
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

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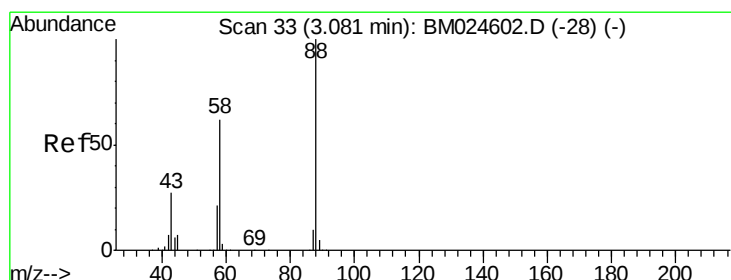
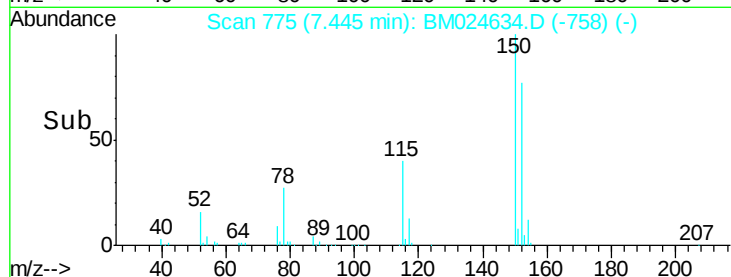
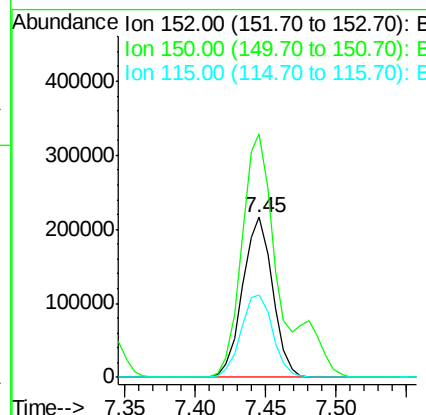
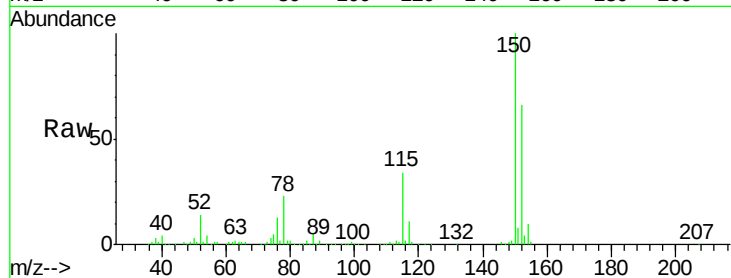


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampled :

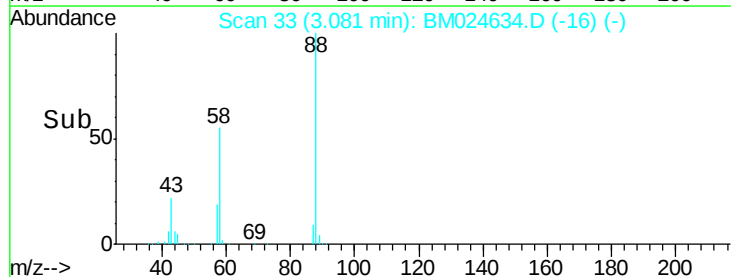
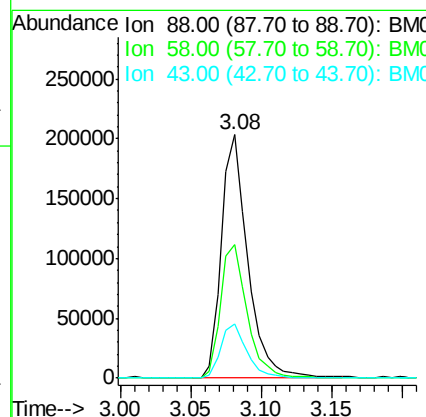
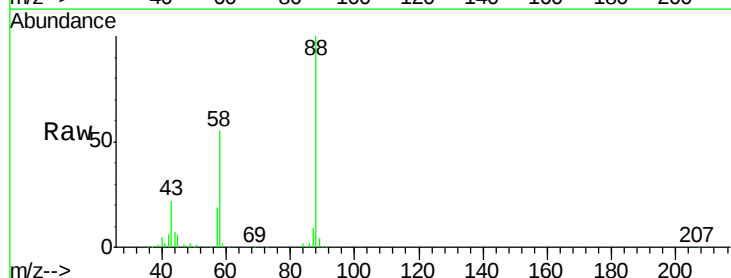
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.4
115	51.7	48.6	72.8

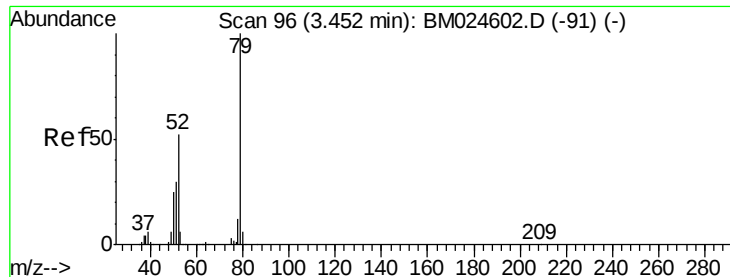


#2

1,4-Dioxane
Concen: 38.765 ng
RT: 3.08 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	50.0	75.0
43	22.7	21.6	32.4

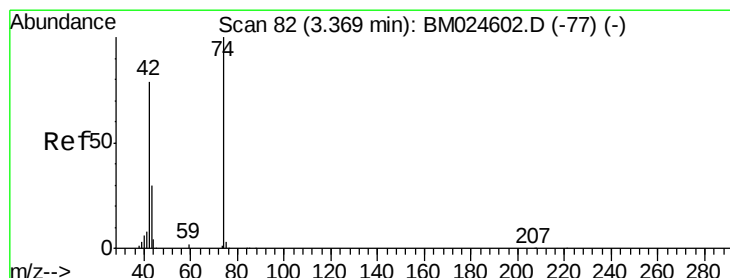
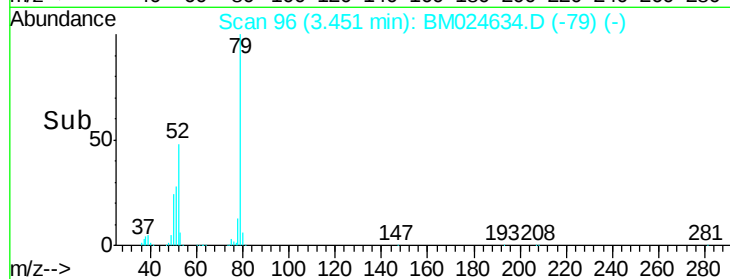
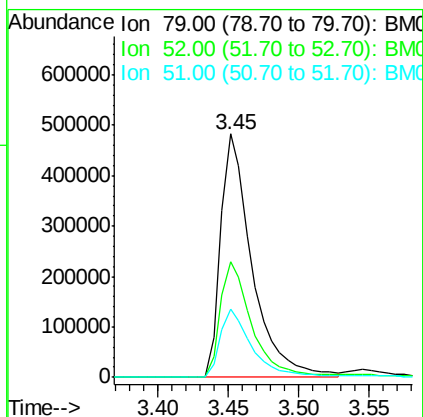
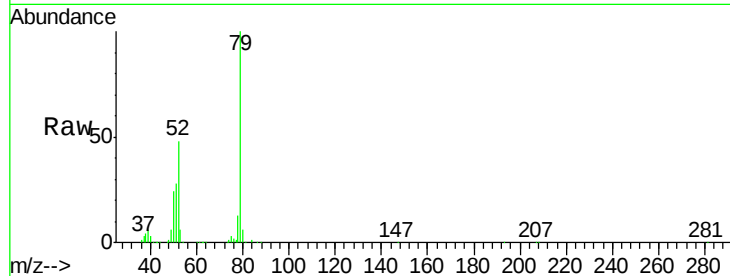




#3
 Pvridine
 Concen: 38.362 ng
 RT: 3.45 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

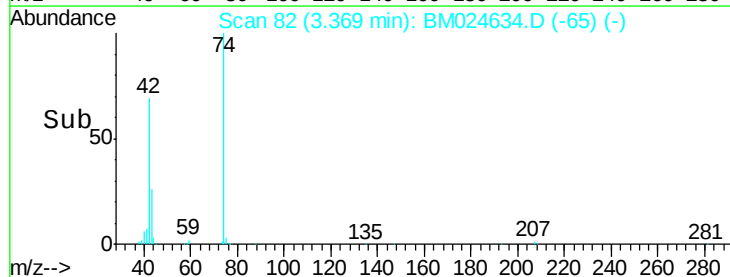
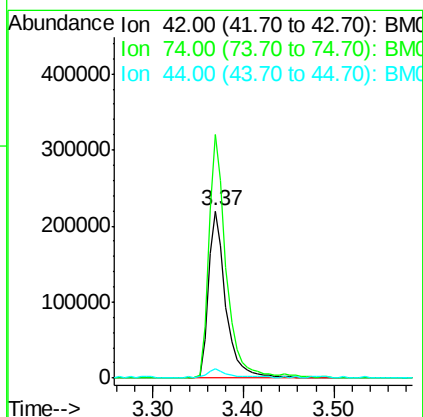
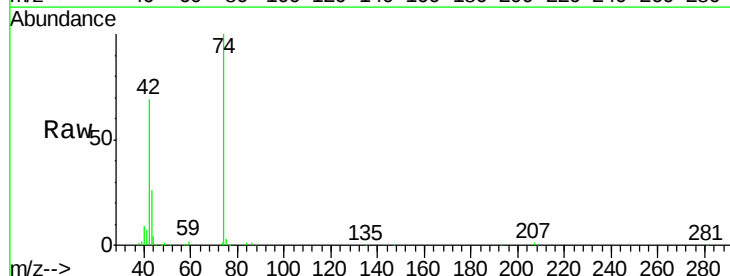
Instrument :
 BNA_M
 ClientSampleId :

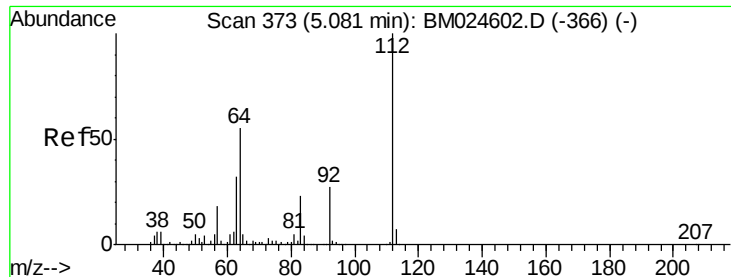
Tot Ion	Ratio	Lower	Upper
79	100		
52	47.6	41.4	62.2
51	28.1	23.8	35.8



#4
 n-Nitrosodimethylamine
 Concen: 34.240 ng
 RT: 3.37 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.7	101.4	152.2
44	5.7	4.6	6.8





#5

2-Fluorophenol

Concen: 82.809 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

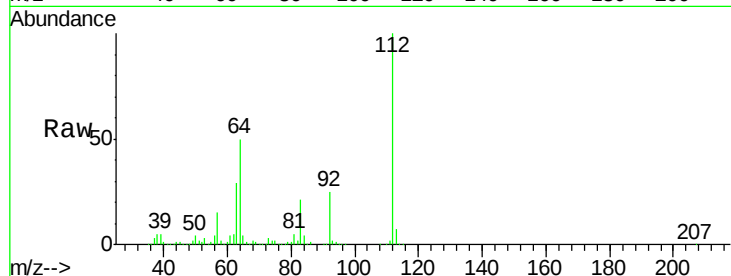
Tot Ion:112 Resp: 1411051

Ion Ratio Lower Upper

112 100

64 49.7 44.2 66.4

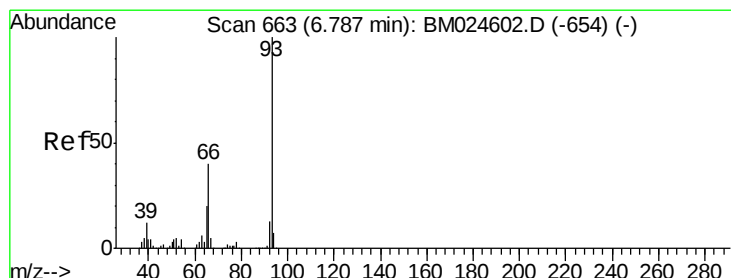
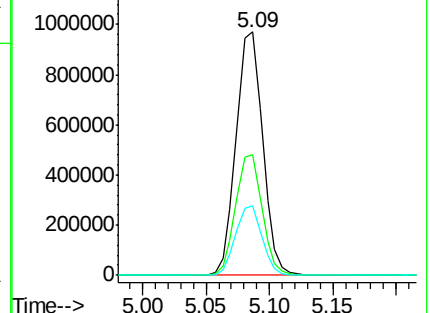
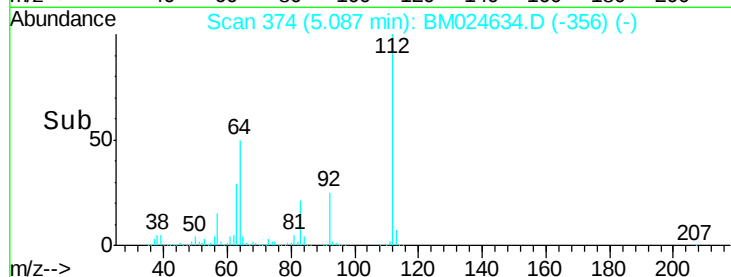
63 28.6 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 40.119 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

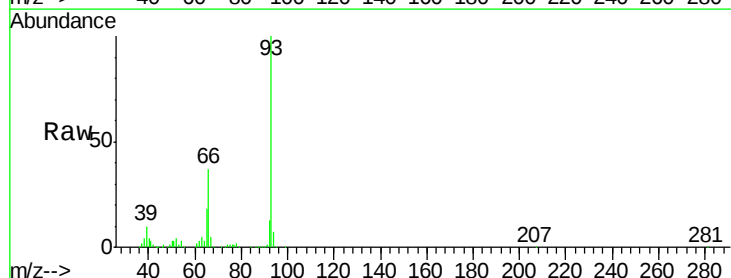
Tgt Ion: 93 Resp: 1146436

Ion Ratio Lower Upper

93 100

66 36.8 31.8 47.8

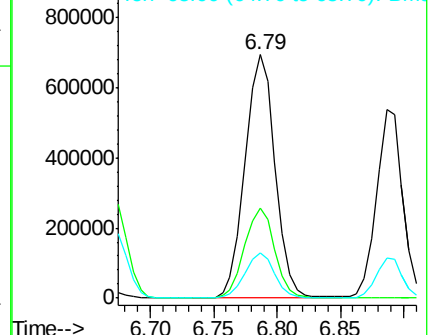
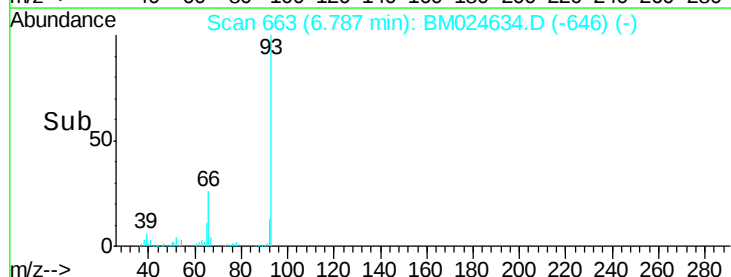
65 18.4 15.8 23.6

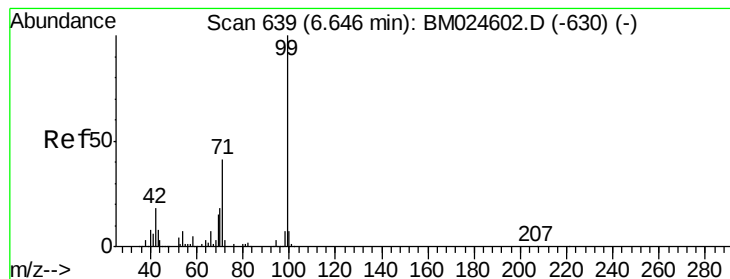


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 80.859 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

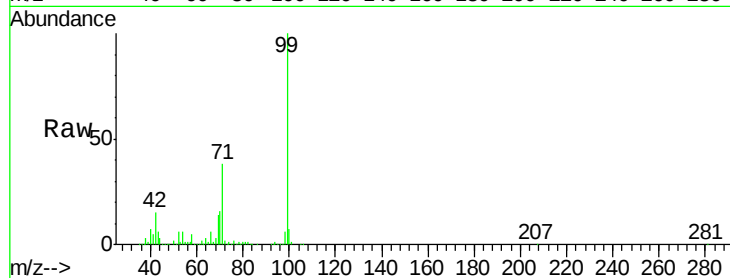
Tot Ion: 99 Resp: 1898057

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.1	21.1
71	38.4	33.0	49.6

99 100

42 15.1 14.1 21.1

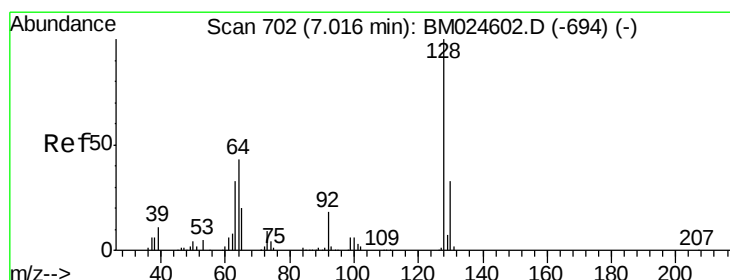
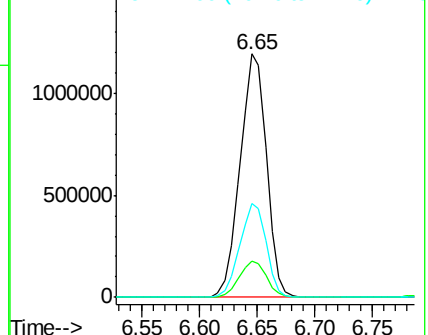
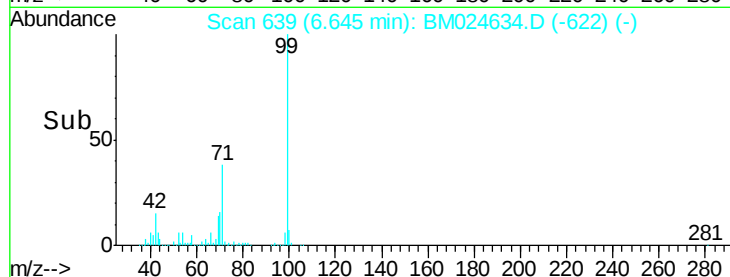
71 38.4 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024634.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024634.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024634.D (-622) (-)



#8

2-Chlorophenol

Concen: 42.370 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

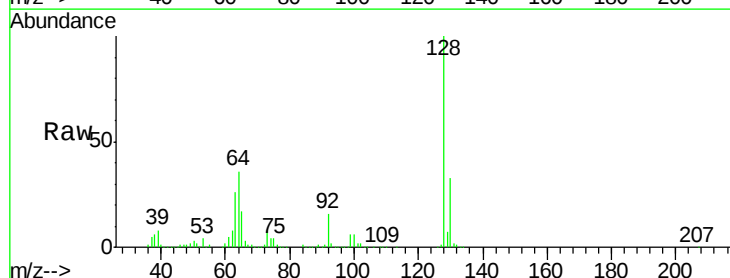
Tgt Ion: 128 Resp: 821890

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	36.2	26.1	66.1

128 100

130 32.7 12.5 52.5

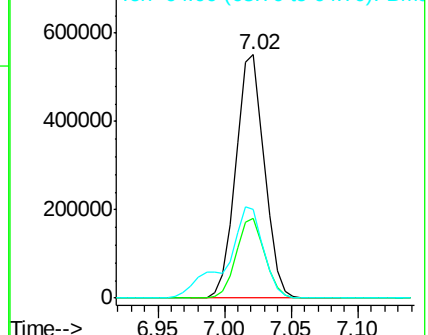
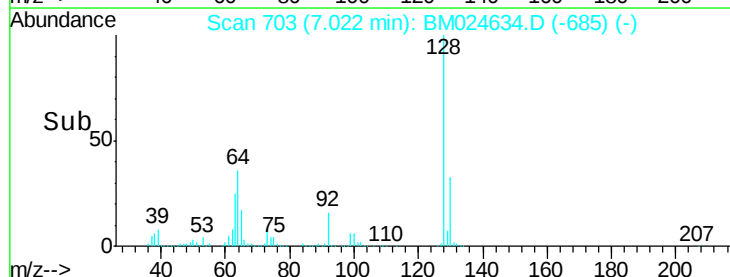
64 36.2 26.1 66.1

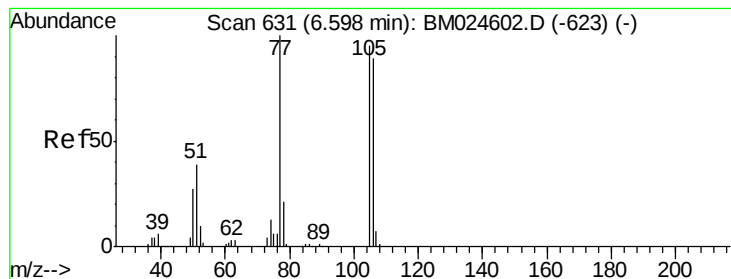


Abundance Ion 128.00 (127.70 to 128.70): BM024634.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024634.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024634.D (-685) (-)





#9

Benzaldehyde

Concen: 37.236 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

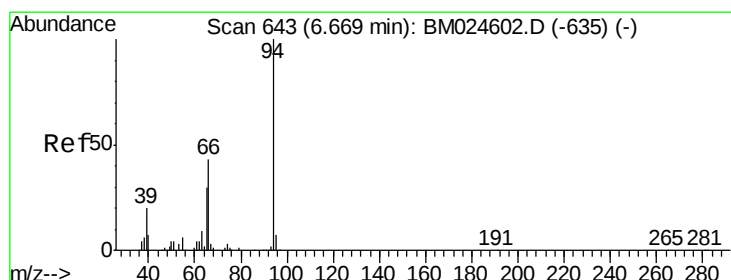
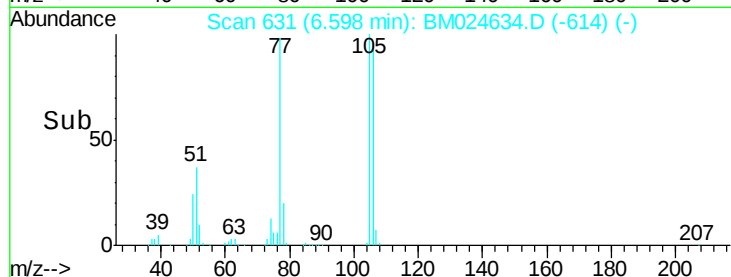
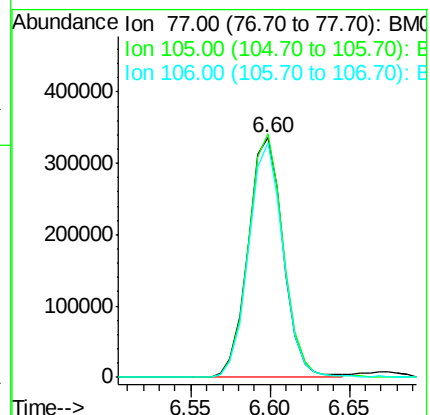
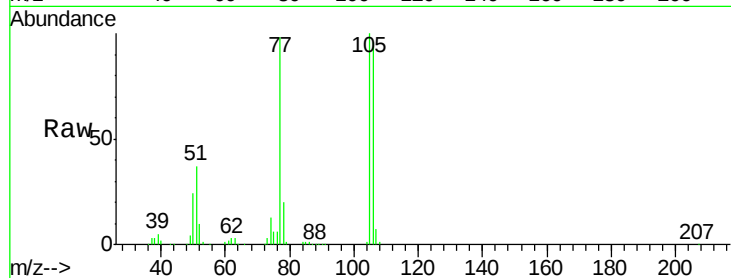
Tot Ion: 77 Resp: 516458

Ion Ratio Lower Upper

77 100

105 101.7 75.2 115.2

106 98.1 68.6 108.6



#10

Phenol

Concen: 40.184 ng

RT: 6.67 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

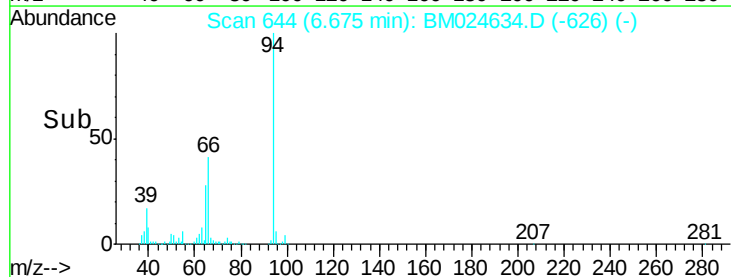
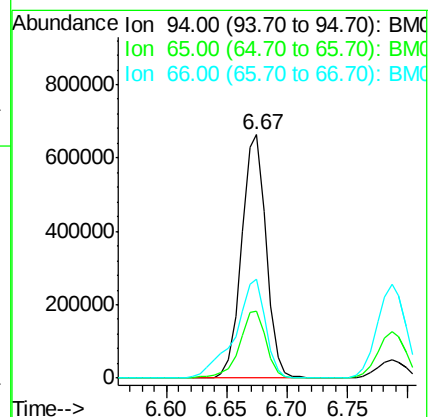
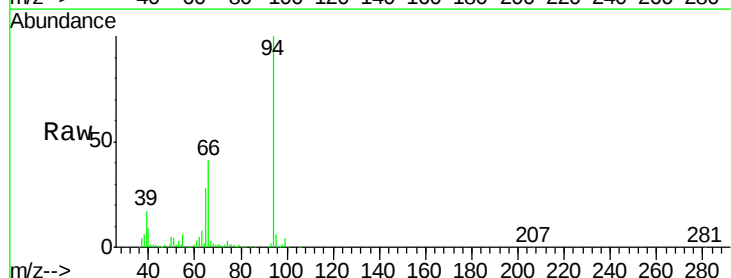
Tgt Ion: 94 Resp: 940253

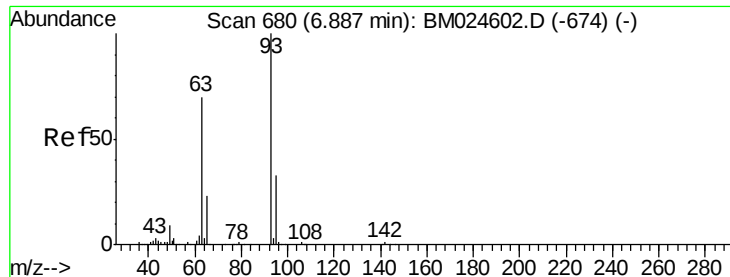
Ion Ratio Lower Upper

94 100

65 27.6 10.3 50.3

66 40.5 24.8 64.8

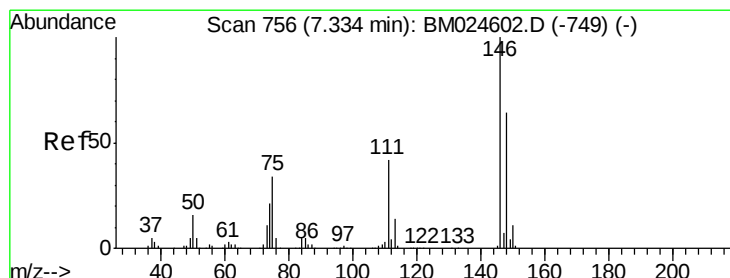
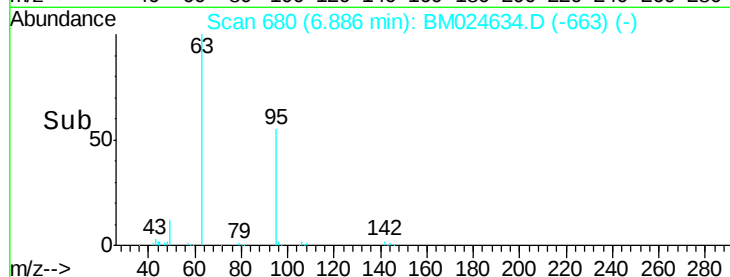
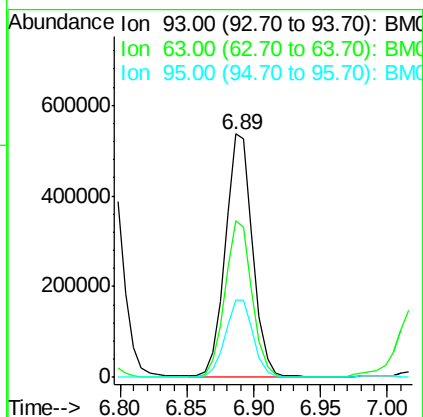
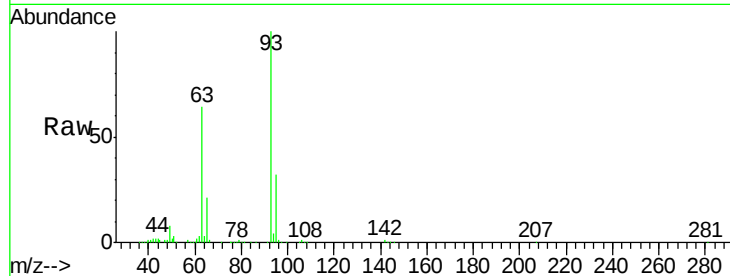




#11
bis(2-Chloroethyl)ether
Concen: 40.870 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

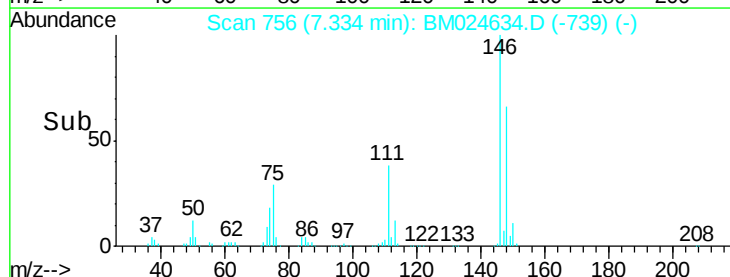
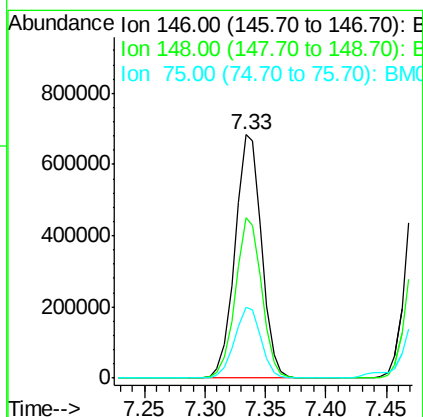
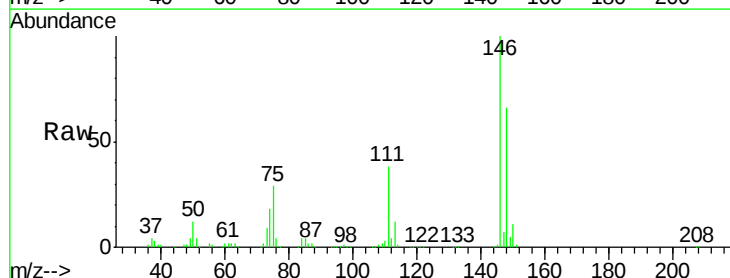
Instrument :
BNA_M
ClientSampleId :

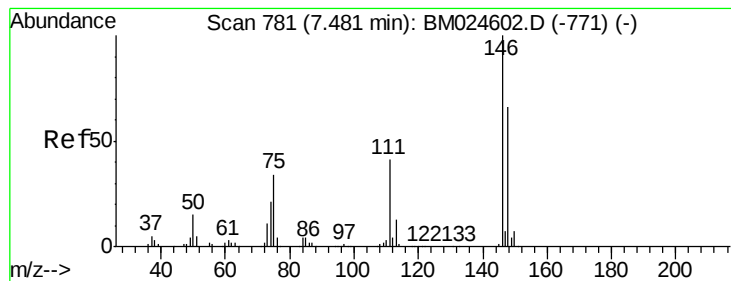
Tot Ion	Ratio	Lower	Upper
93	100		
63	64.3	49.6	89.6
95	31.9	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 43.940 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.0	76.6
75	29.3	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 43.962 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

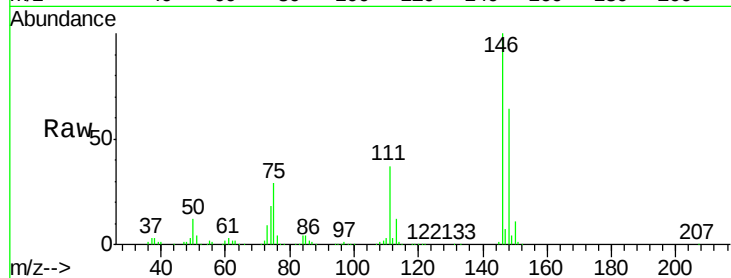
Tot Ion:146 Resp: 1062808

Ion Ratio Lower Upper

146 100

148 64.4 52.5 78.7

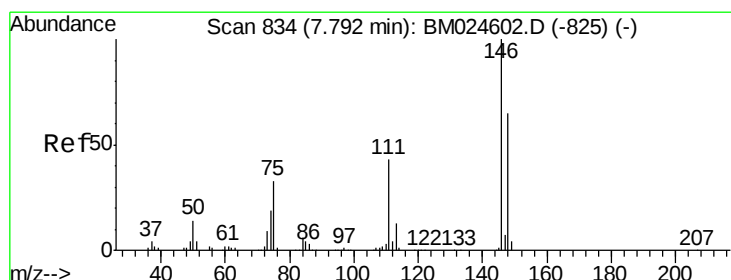
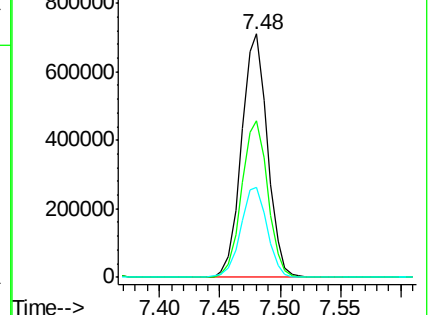
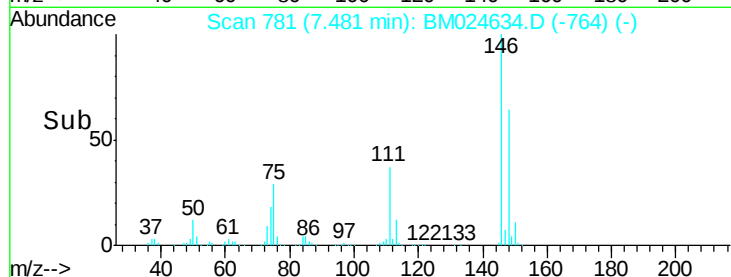
111 36.9 33.0 49.4



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: 43.329 ng

RT: 7.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

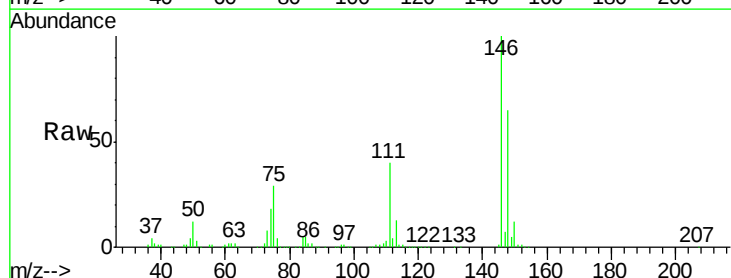
Tgt Ion:146 Resp: 1011115

Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

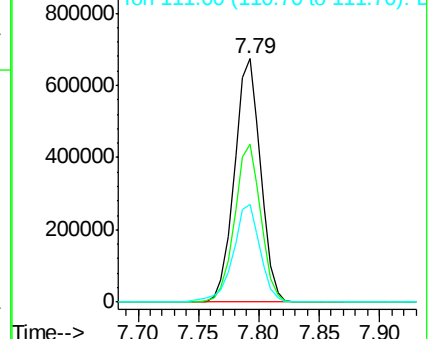
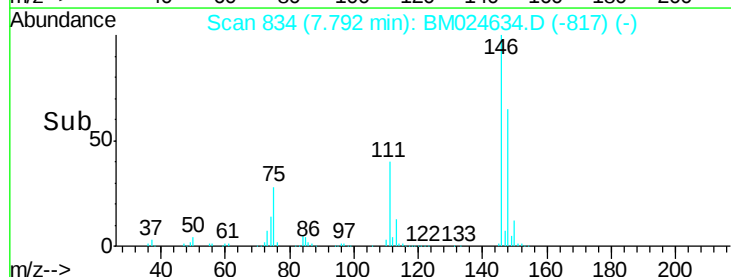
111 40.2 34.5 51.7

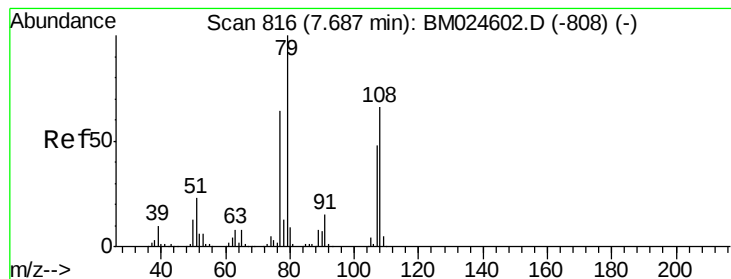


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.620 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

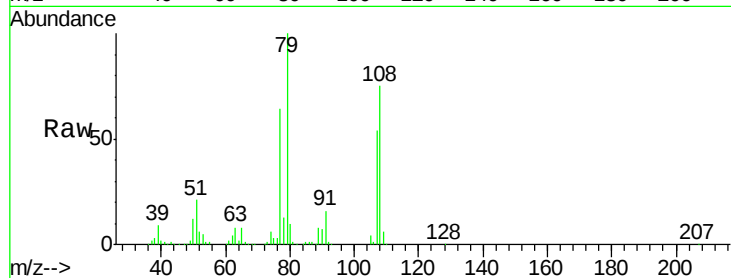
Tot Ion: 79 Resp: 747440

Ion Ratio Lower Upper

79 100

108 75.1 53.0 79.4

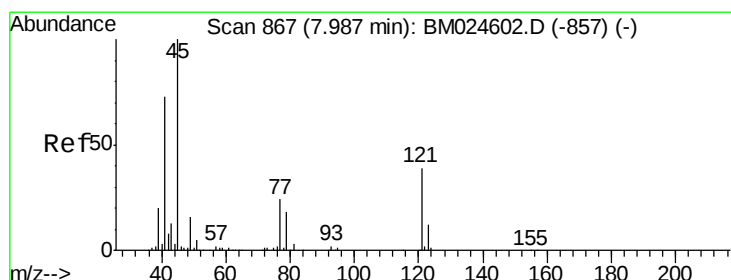
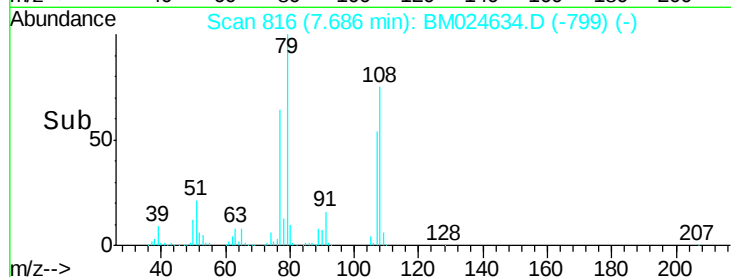
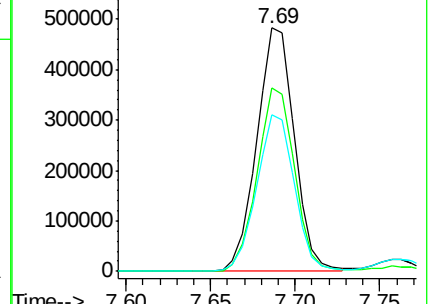
77 64.2 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024602.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM024602.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.990 ng

RT: 7.99 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

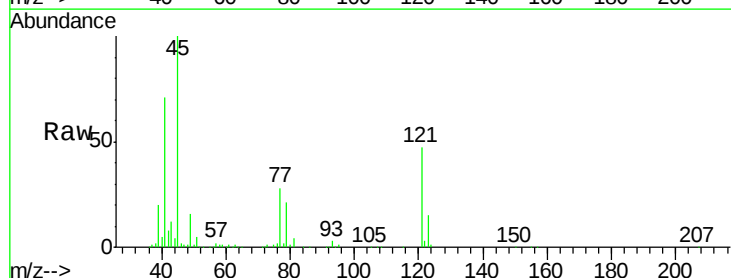
Tgt Ion: 45 Resp: 600026

Ion Ratio Lower Upper

45 100

77 27.6 5.2 45.2

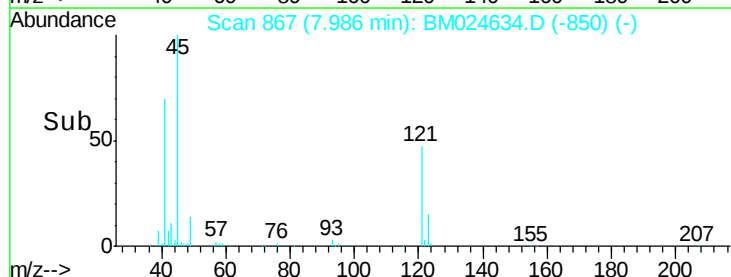
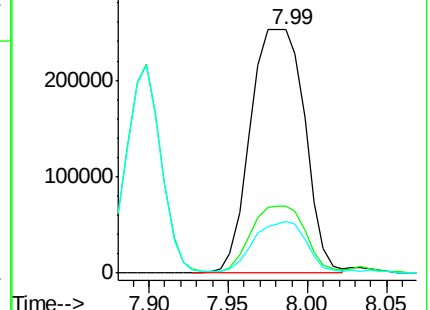
79 21.0 0.0 39.4

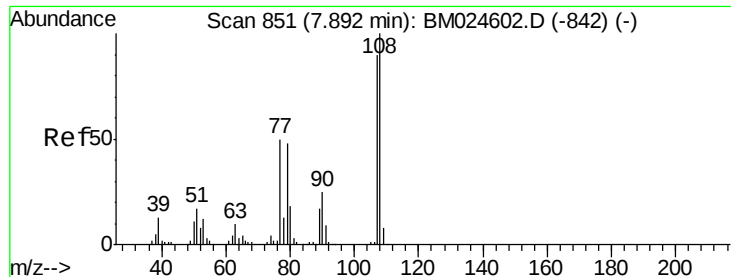


Abundance Ion 45.00 (44.70 to 45.70): BM024602.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM024602.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM024602.D (-857) (-)

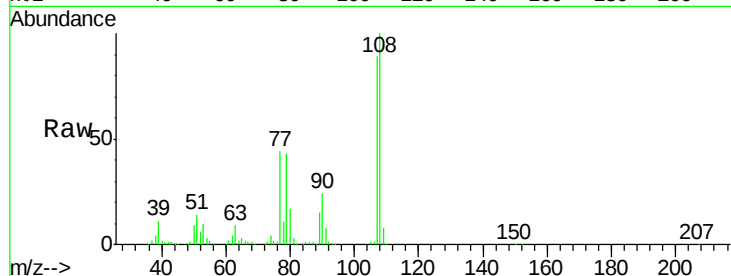




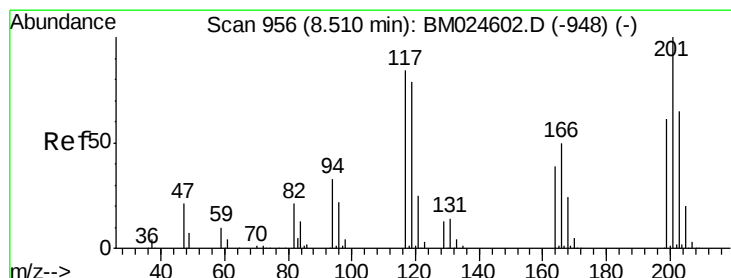
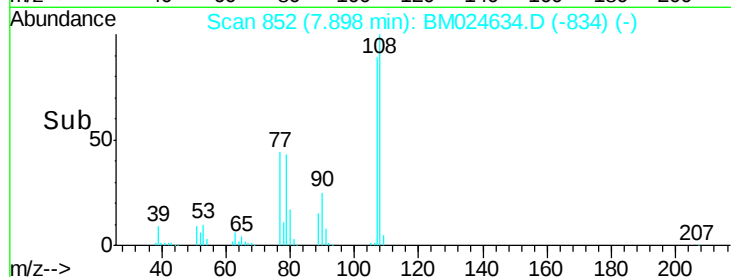
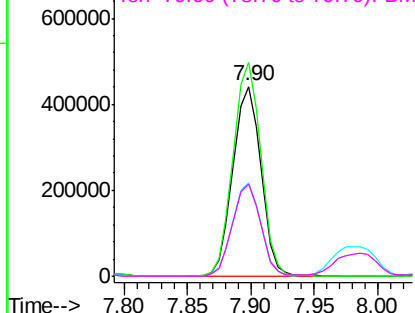
#17
2-Methylphenol
Concen: 41.136 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 678300
Ion Ratio Lower Upper
107 100
108 112.6 88.9 133.3
77 49.1 44.5 66.7
79 48.8 42.9 64.3

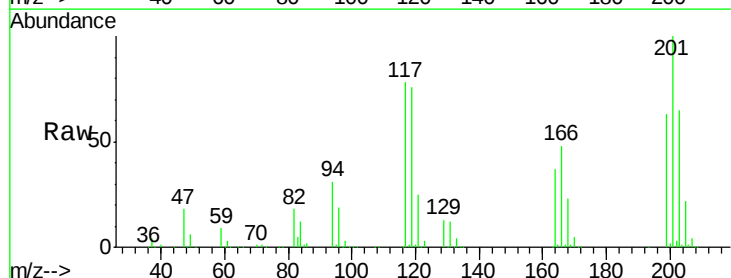


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

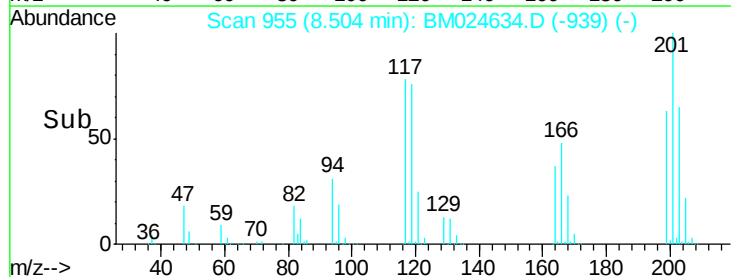
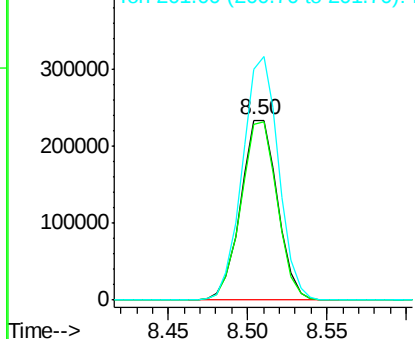


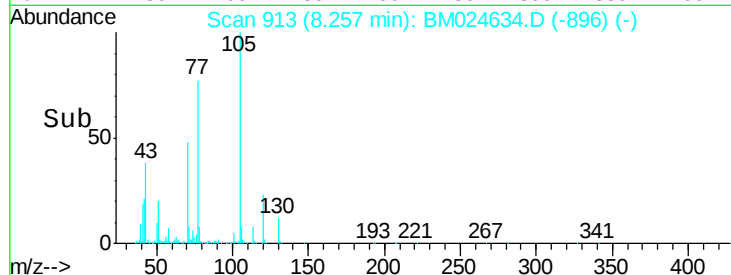
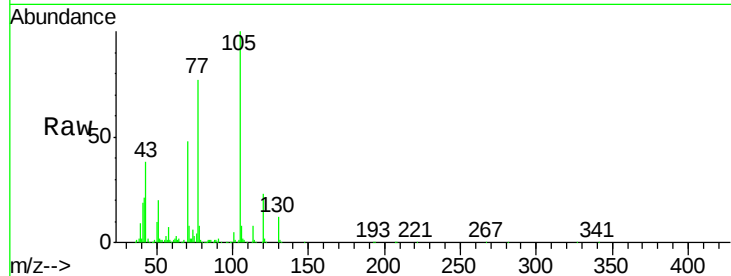
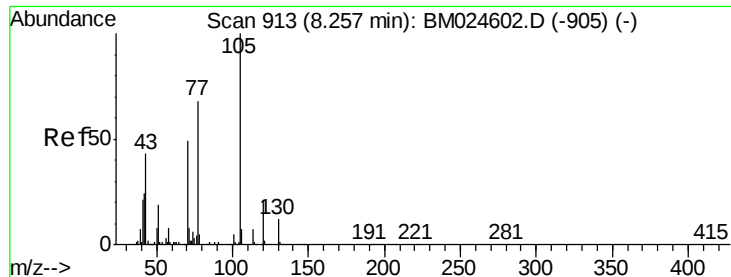
#18
Hexachloroethane
Concen: 40.288 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:117 Resp: 376106
Ion Ratio Lower Upper
117 100
119 98.0 75.4 113.2
201 128.3 95.8 143.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

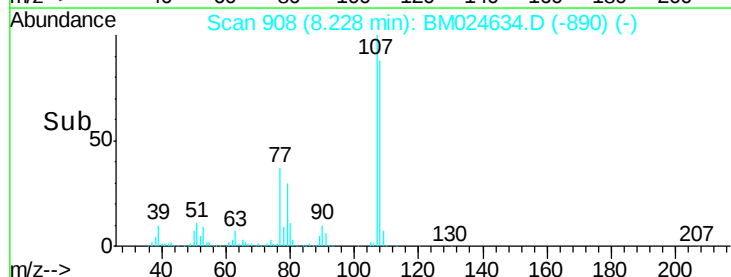
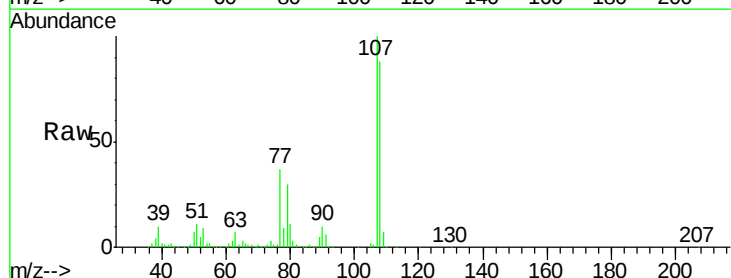
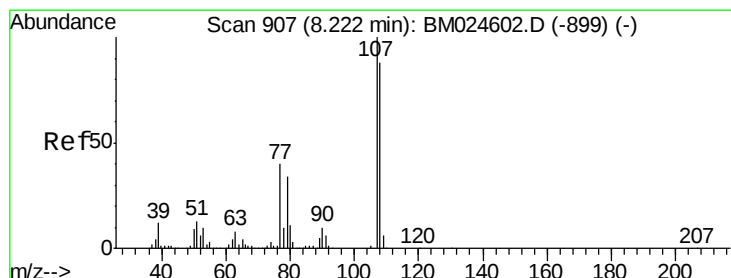
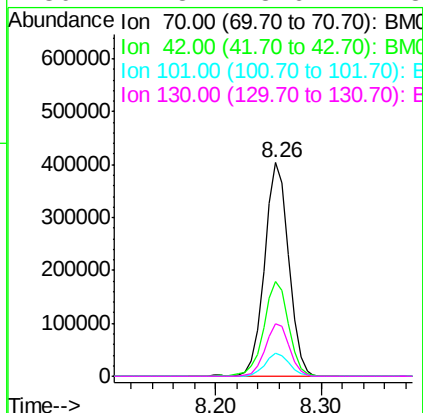




#19
n-Nitroso-di-n-propylamine
Concen: 36.375 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

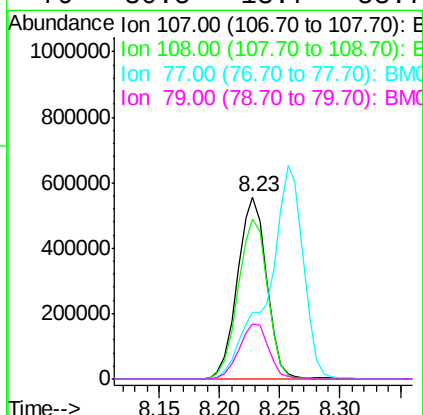
Instrument :
BNA_M
ClientSampleId :

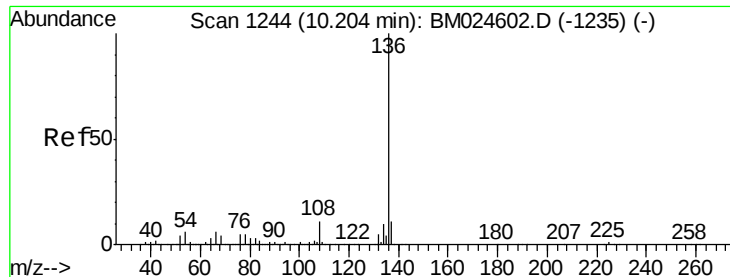
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.3	40.0	60.0
101	10.8	8.2	12.2
130	24.8	18.6	27.8



#20
3+4-Methylphenols
Concen: 41.277 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.0	108.0
77	36.7	19.9	59.9
79	30.5	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

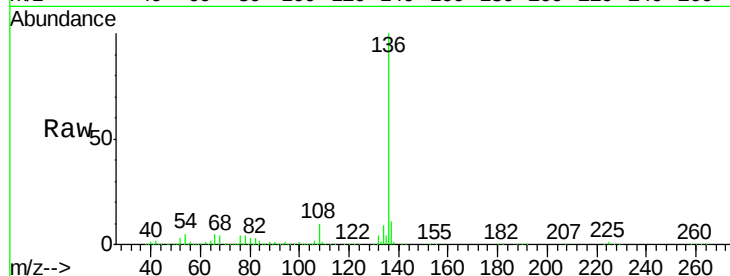
Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1251955

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.6	4.5	6.7
68	4.0	3.4	5.0

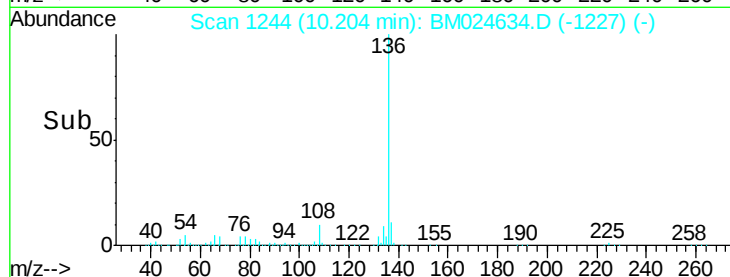


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->

10.10 10.20 10.30

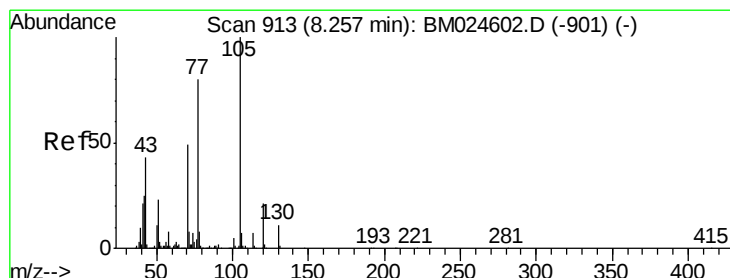
800000

600000

400000

200000

0



#22

Acetophenone

Concen: 41.458 ng

RT: 8.26 min Scan# 913

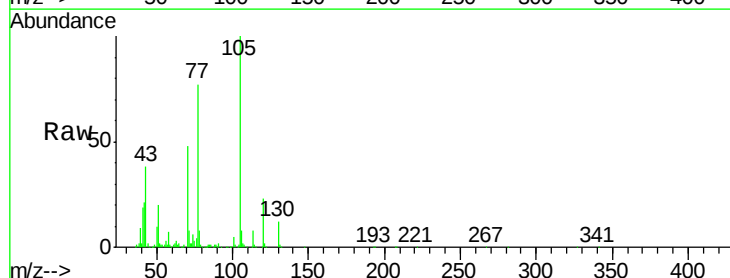
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:105 Resp: 1338337

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.7	10.1
51	20.5	18.5	27.7
120	22.5	16.6	25.0

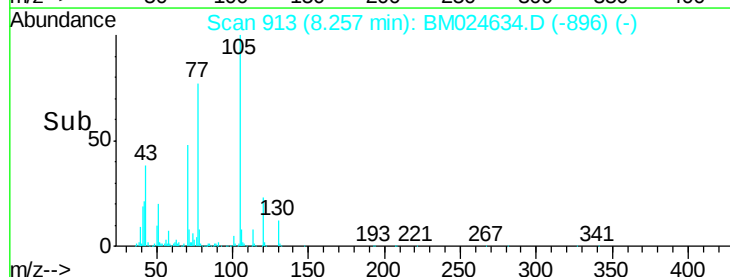


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



Time-->

8.20 8.30

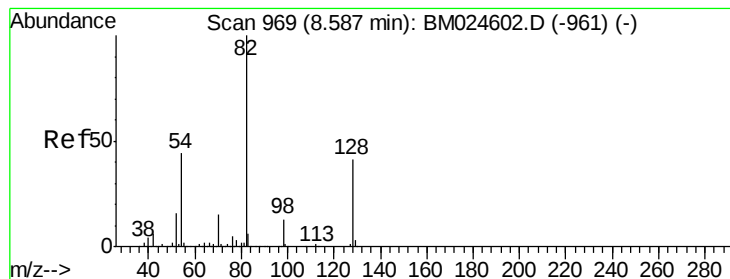
800000

600000

400000

200000

0



#23

Nitrobenzene-d5

Concen: 78.754 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

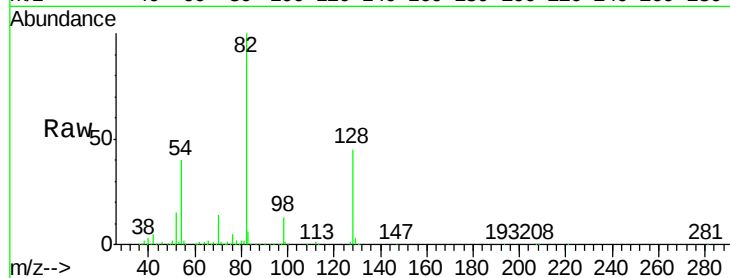
Tot Ion: 82 Resp: 2010459

Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.6	48.8
54	40.4	34.8	52.2

82 100

128 44.7 32.6 48.8

54 40.4 34.8 52.2

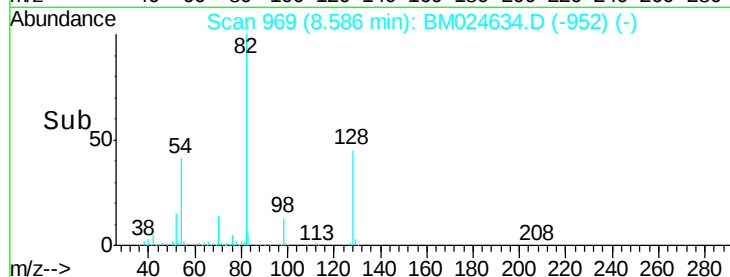


Abundance Ion 82.00 (81.70 to 82.70): BM0

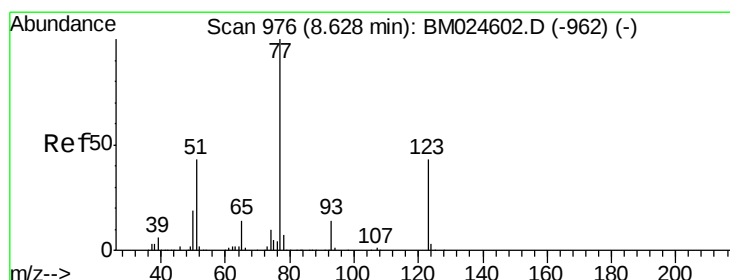
Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BM0

Time-->



Time-->



#24

Nitrobenzene

Concen: 38.998 ng

RT: 8.63 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

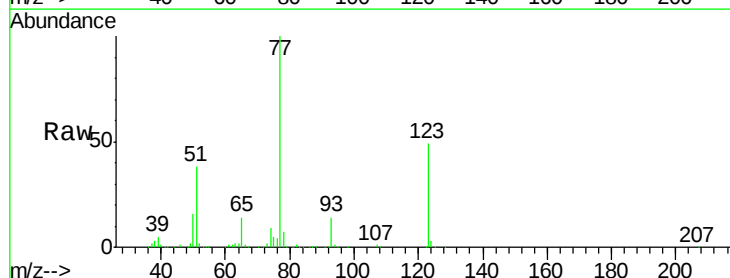
Tgt Ion: 77 Resp: 954039

Ion	Ratio	Lower	Upper
77	100		
123	48.6	34.6	52.0
65	13.9	11.0	16.4

77 100

123 48.6 34.6 52.0

65 13.9 11.0 16.4

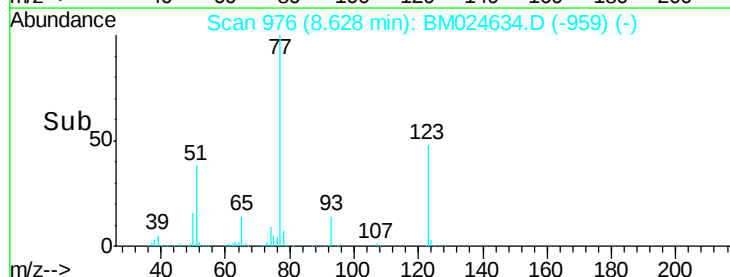


Abundance Ion 77.00 (76.70 to 77.70): BM0

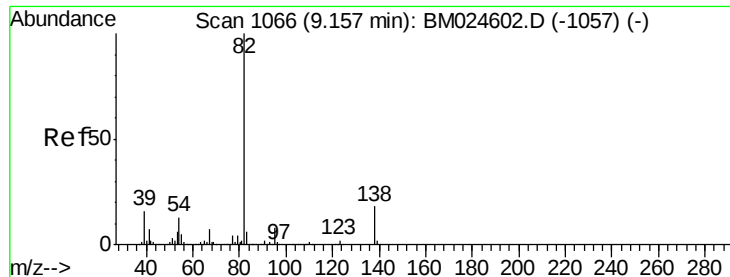
Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BM0

Time-->



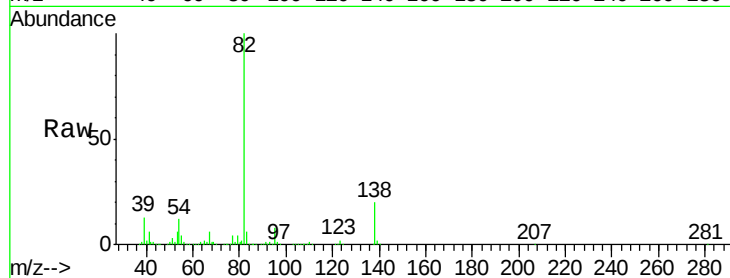
Time-->



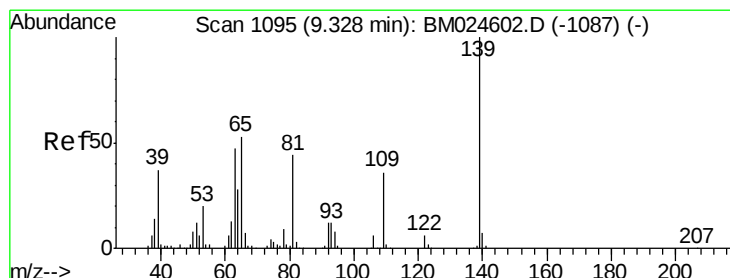
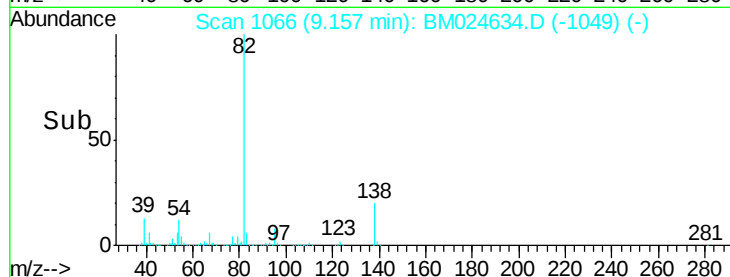
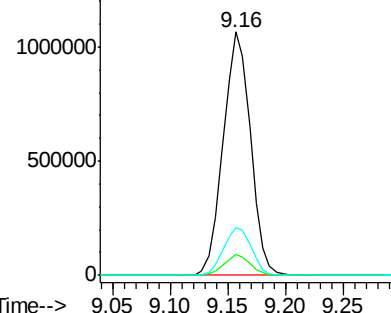
#25
Isophorone
Concen: 40.203 ng
RT: 9.16 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1743879
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 19.7 14.7 22.1

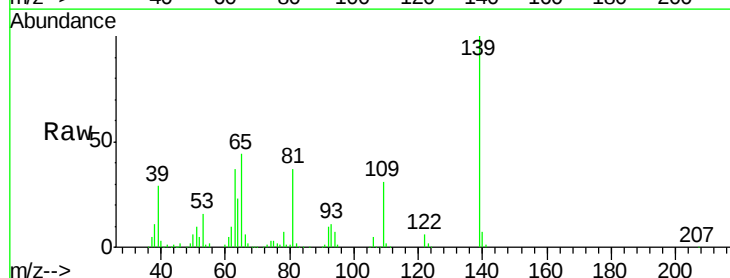


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

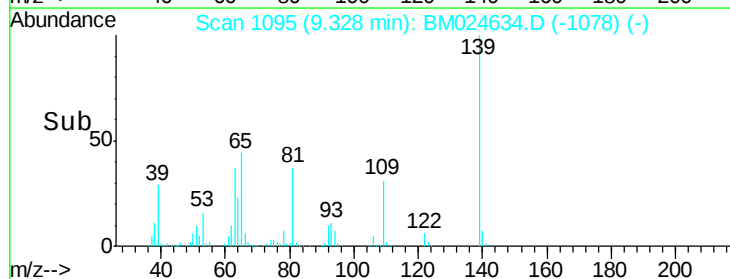
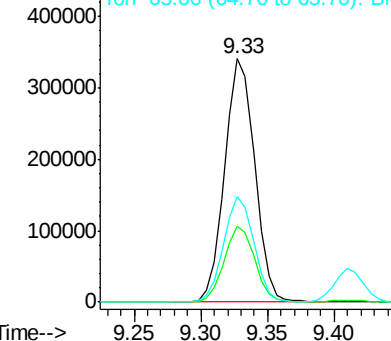


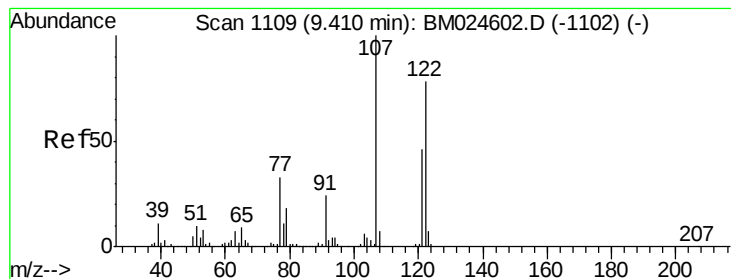
#26
2-Nitrophenol
Concen: 46.866 ng
RT: 9.33 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion: 139 Resp: 530893
Ion Ratio Lower Upper
139 100
109 31.0 28.8 43.2
65 43.5 42.6 63.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





#27

2,4-Dimethylphenol

Concen: 44.205 ng

RT: 9.41 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

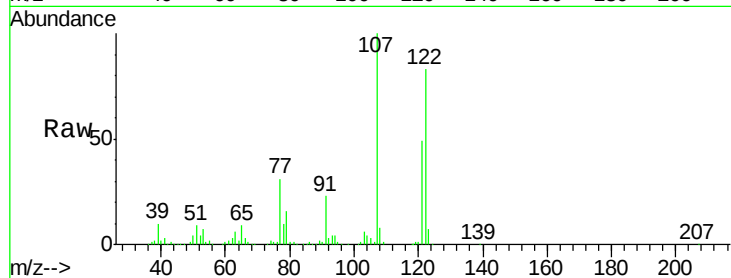
Tot Ion:122 Resp: 680468

Ion Ratio Lower Upper

122 100

107 120.4 102.5 153.7

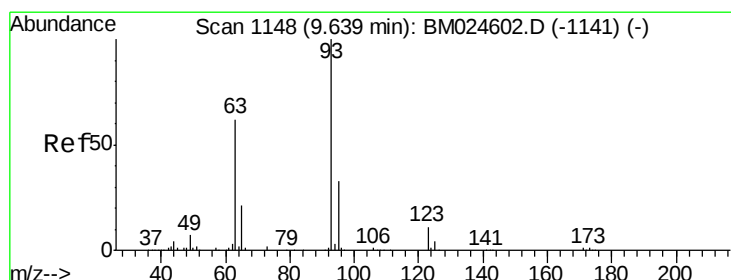
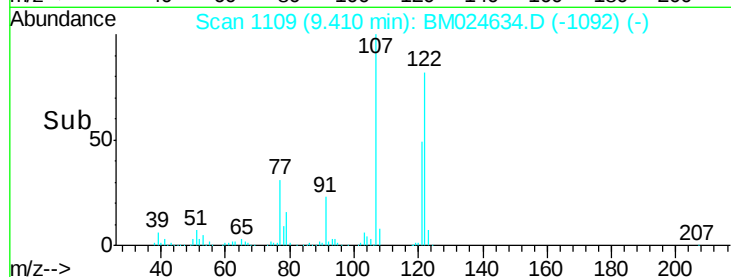
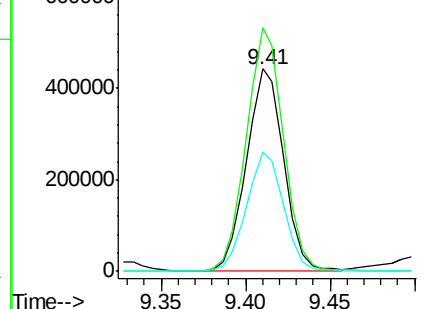
121 58.9 47.0 70.4



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: 41.902 ng

RT: 9.64 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

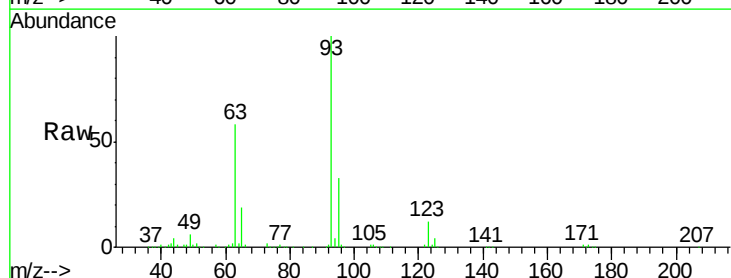
Tgt Ion: 93 Resp: 1110317

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

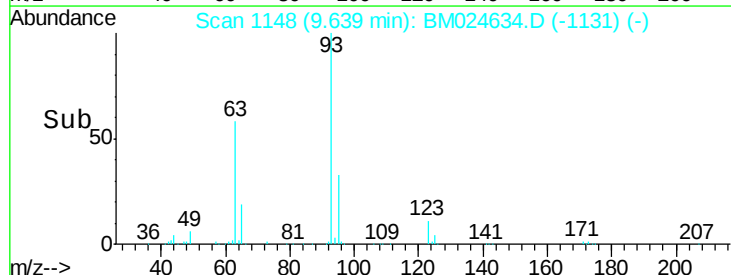
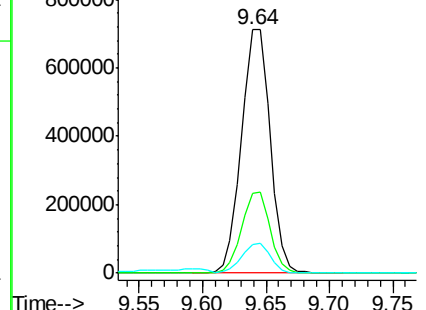
123 12.0 8.7 13.1

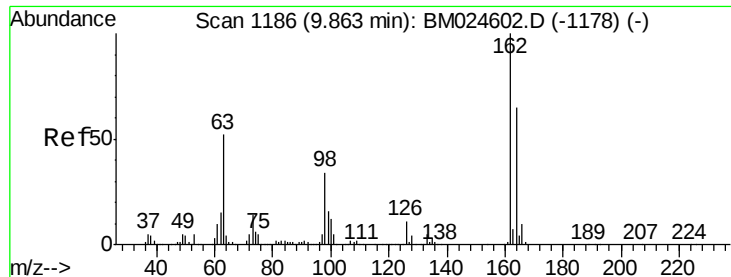


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

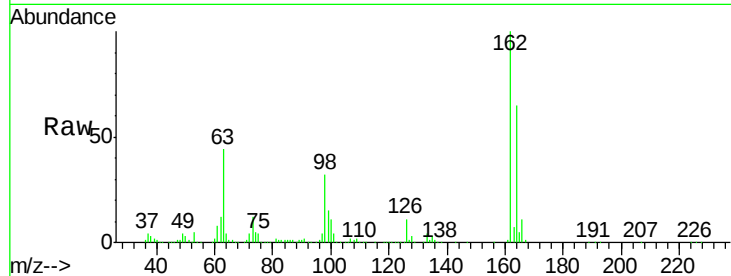




#29
 2,4-Dichlorophenol
 Concen: 47.322 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.5	84.5
98	31.6	14.2	54.2

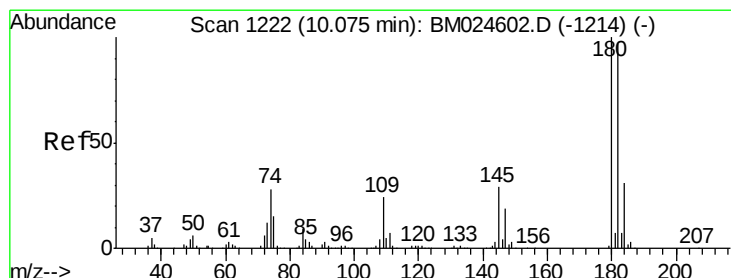
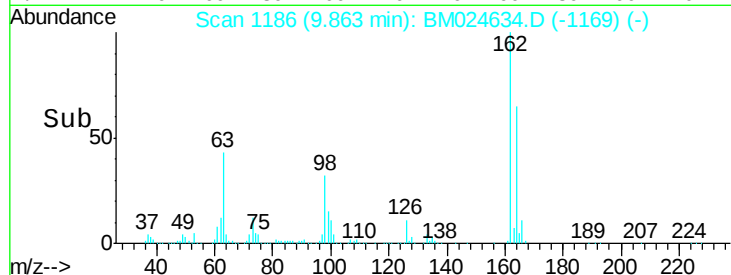
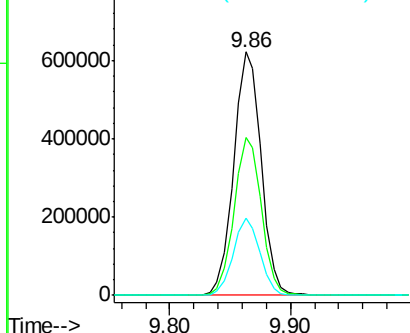


Abundance

Ion 162.00 (161.70 to 162.70): E

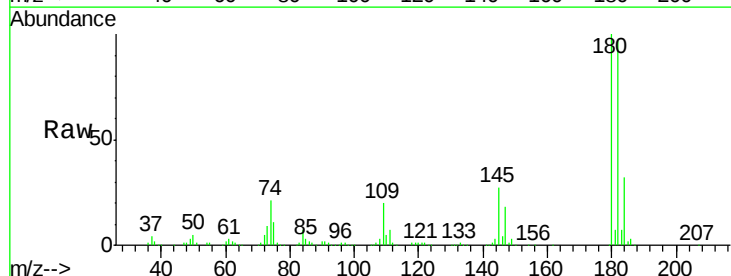
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.617 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.8	116.6
145	27.2	22.9	34.3

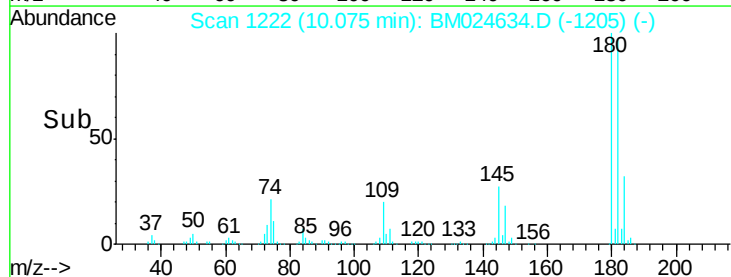
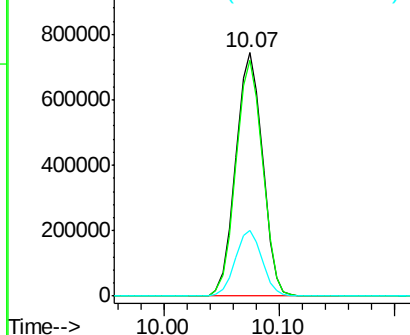


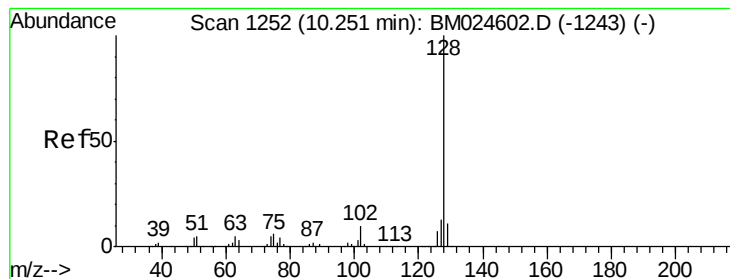
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

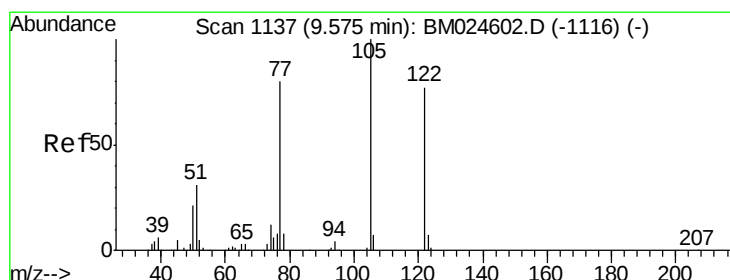
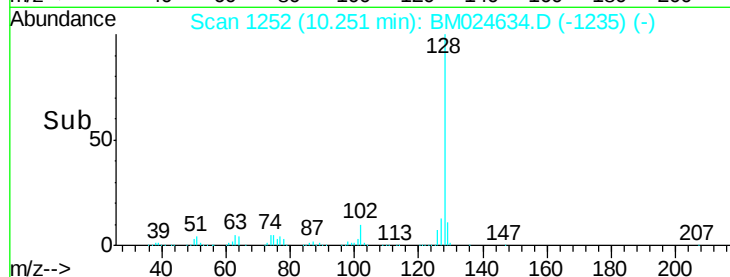
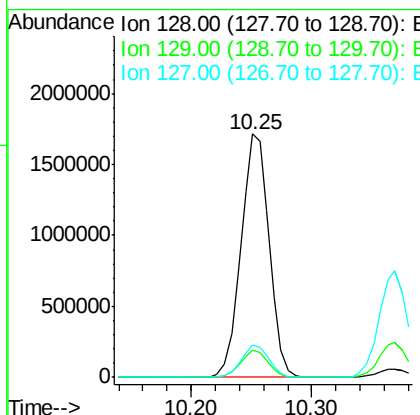
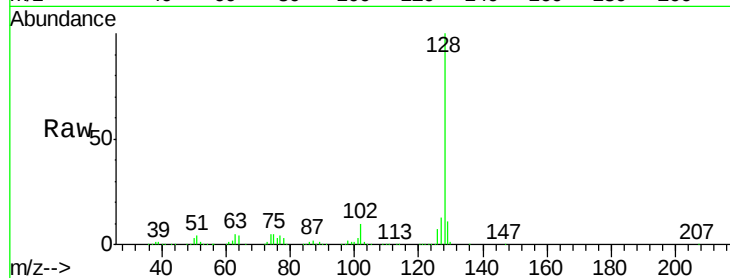




#31
Naphthalene
Concen: 43.991 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

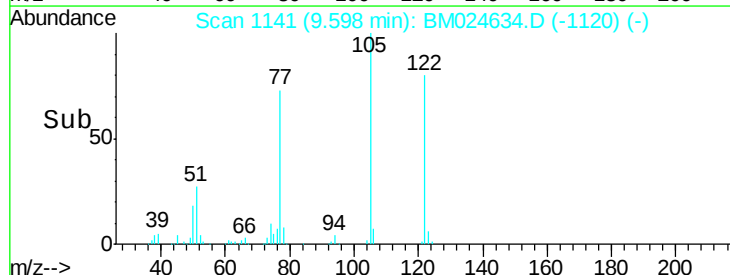
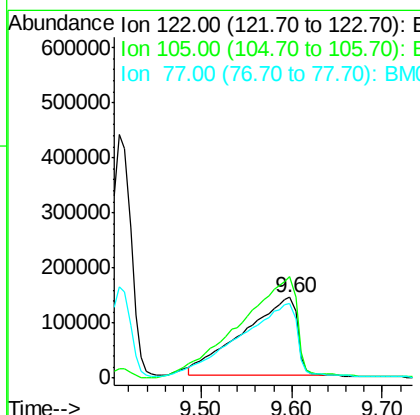
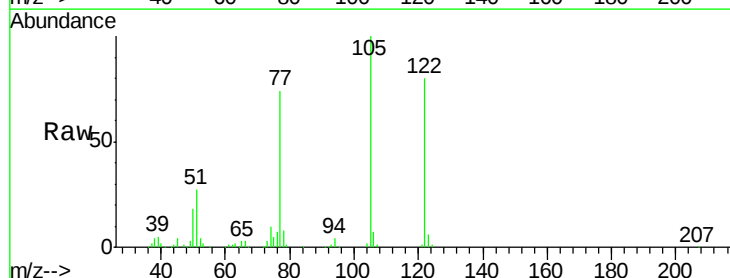
Instrument :
BNA_M
ClientSampleId :

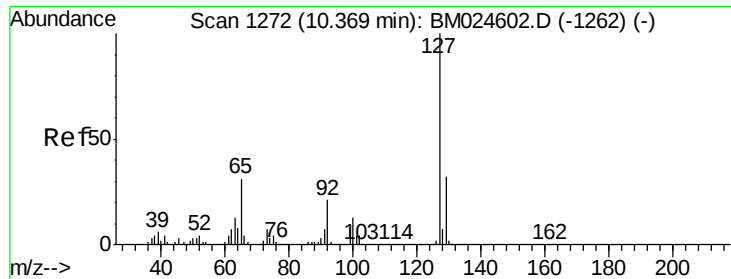
Tot Ion:128 Resp: 2781679
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 41.369 ng
RT: 9.60 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:122 Resp: 582532
Ion Ratio Lower Upper
122 100
105 125.5 107.7 147.7
77 92.5 83.8 123.8

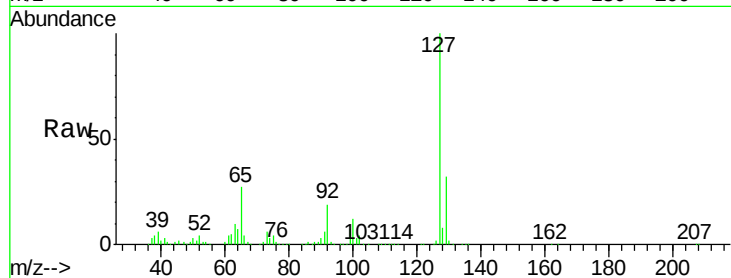




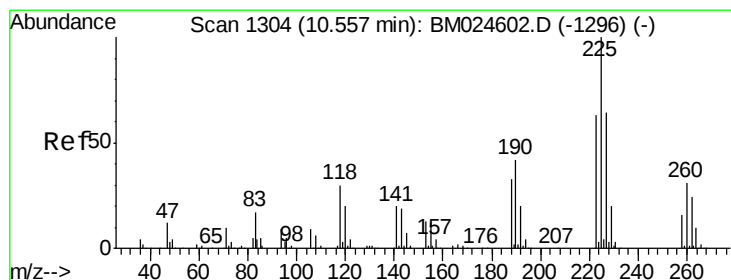
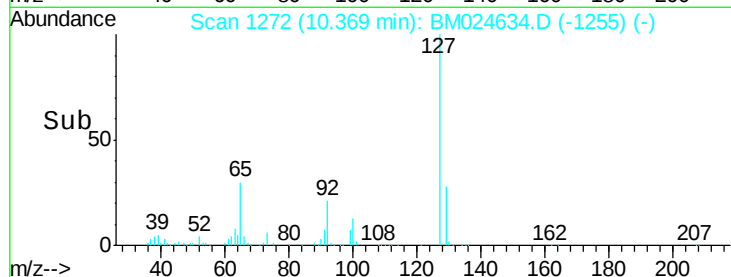
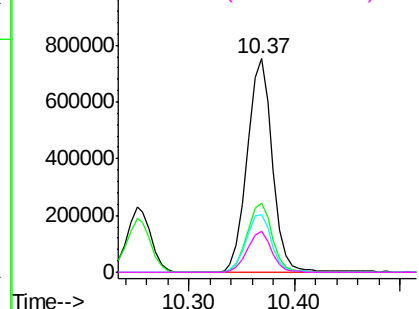
#33
4-Chloroaniline
Concen: 44.955 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	1246015
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.2	25.1	37.7
92	19.1	16.6	25.0

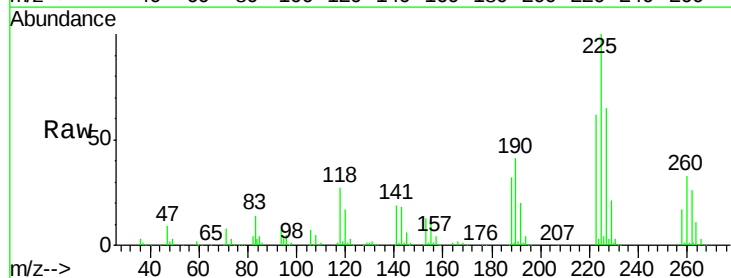


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

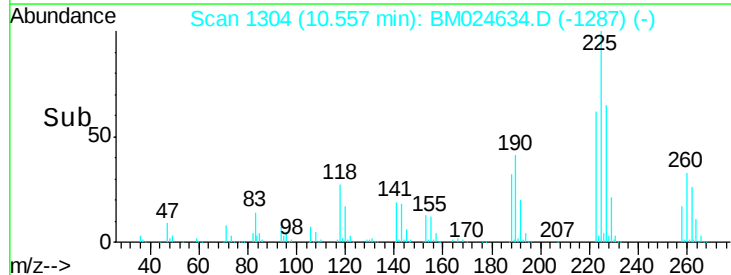
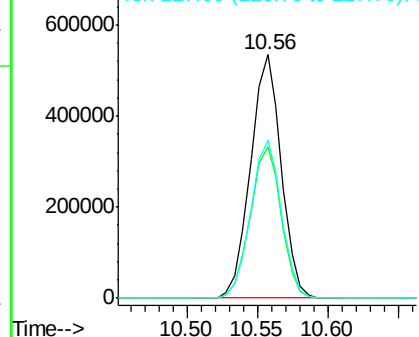


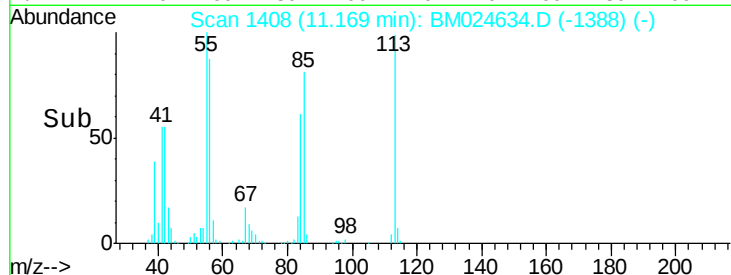
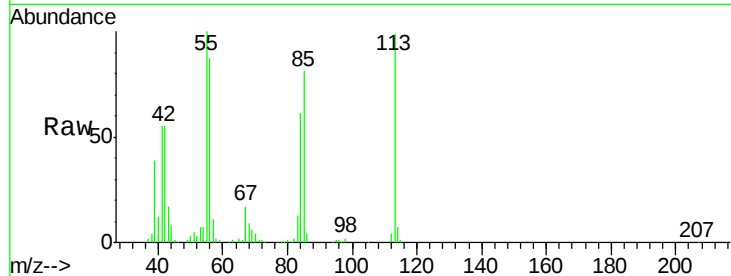
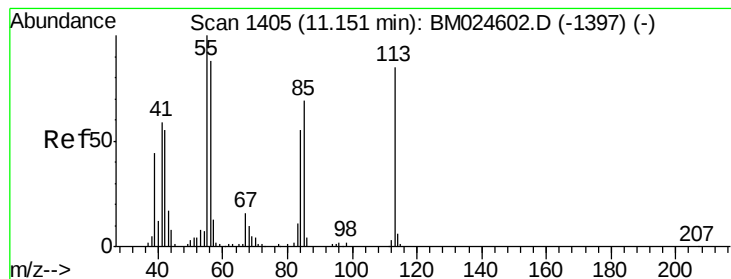
#34
Hexachlorobutadiene
Concen: 46.931 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:	225	Resp:	813733
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	65.0	51.4	77.0



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: 42.275 ng

RT: 11.17 min Scan# 1408

Delta R.T. 0.02 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

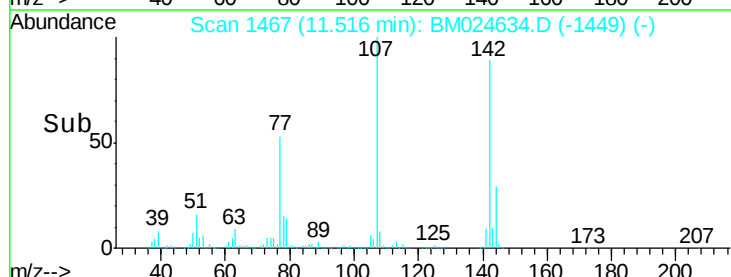
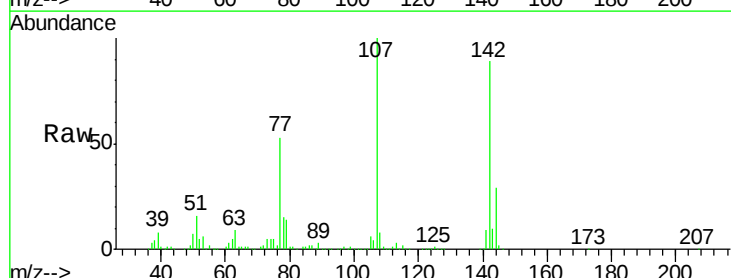
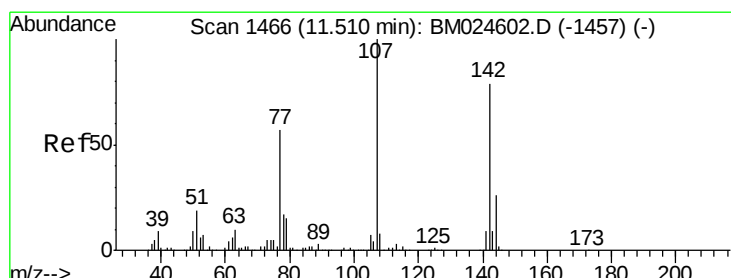
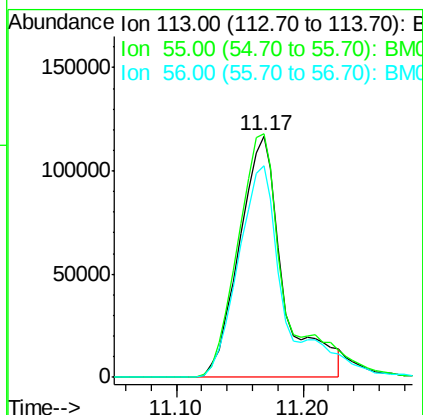
Tot Ion:113 Resp: 282071

Ion Ratio Lower Upper

113 100

55 101.0 97.5 137.5

56 87.9 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 42.736 ng

RT: 11.52 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

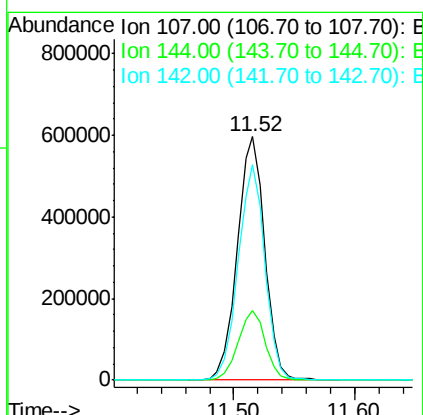
Tgt Ion:107 Resp: 945073

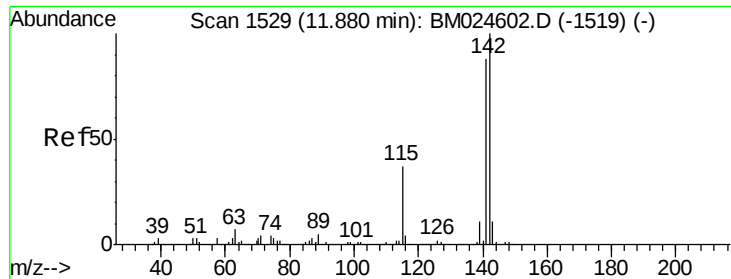
Ion Ratio Lower Upper

107 100

144 28.8 20.5 30.7

142 88.7 62.8 94.2

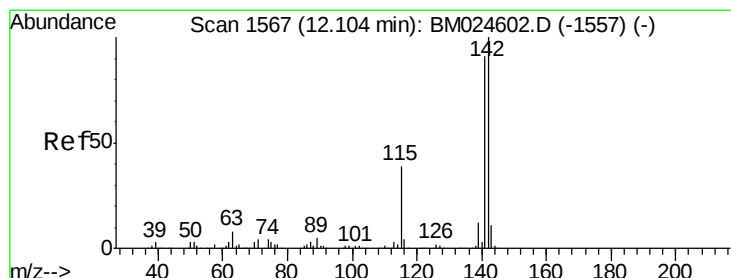
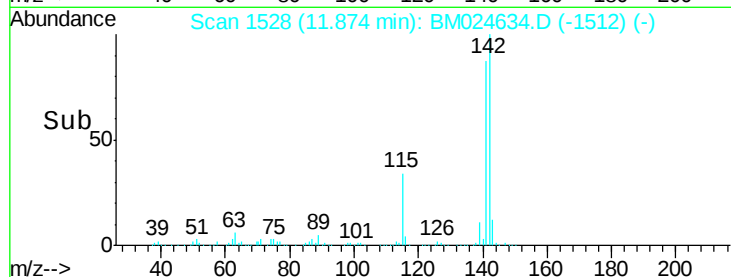
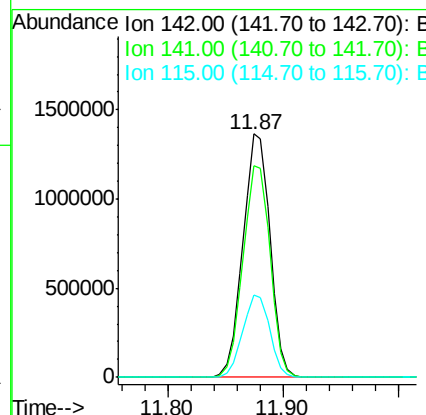
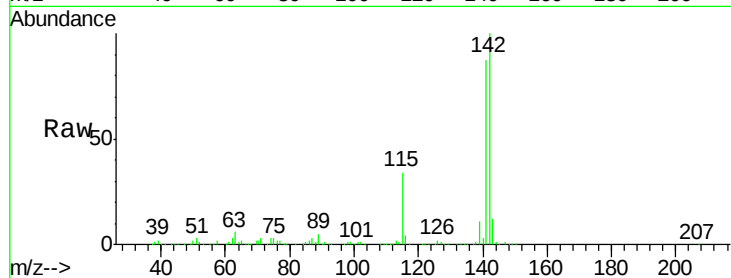




#37
2-Methylnaphthalene
Concen: 45.558 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

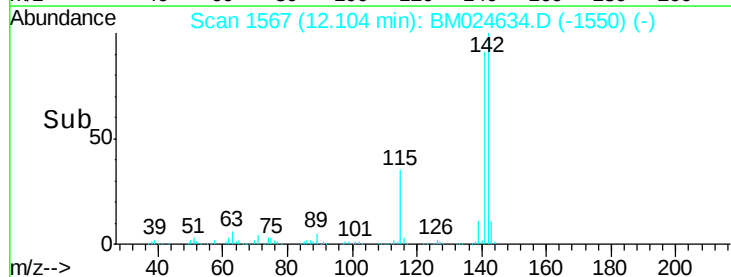
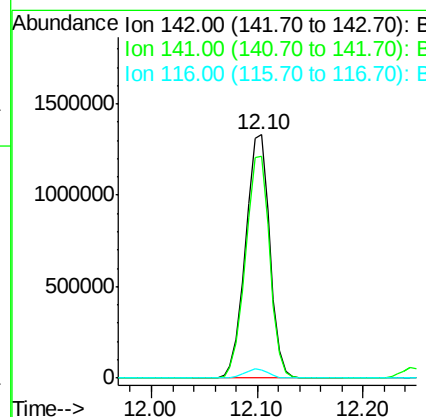
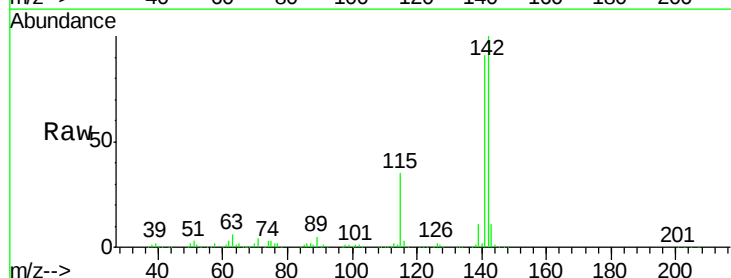
Instrument :
BNA_M
ClientSampleId :

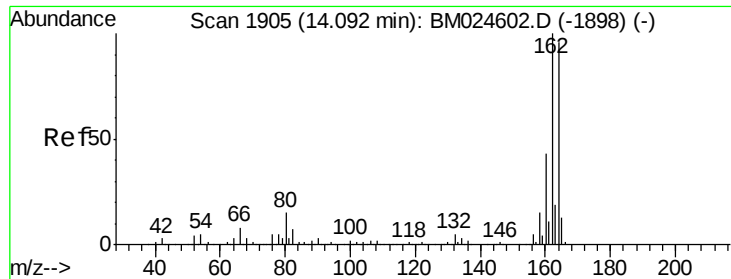
Tot Ion:142 Resp: 2223153
Ion Ratio Lower Upper
142 100
141 87.0 70.2 105.2
115 33.6 29.7 44.5



#38
1-Methylnaphthalene
Concen: 45.206 ng
RT: 12.10 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:142 Resp: 2098380
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2
116 3.4 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

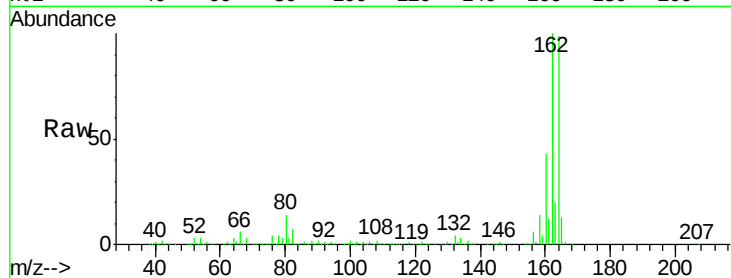
Tot Ion:164 Resp: 922180

Ion Ratio Lower Upper

164 100

162 101.3 82.9 124.3

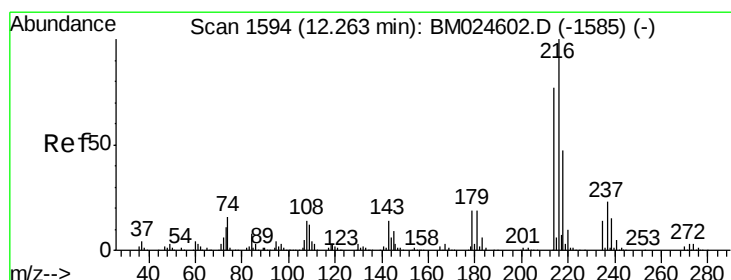
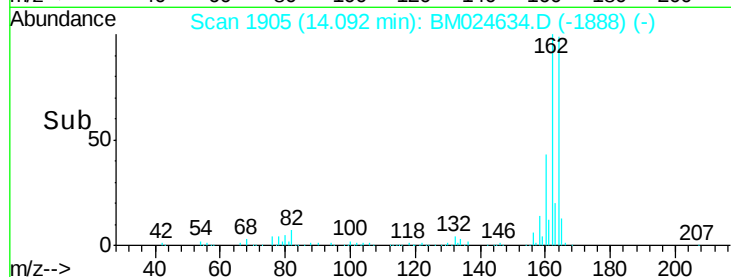
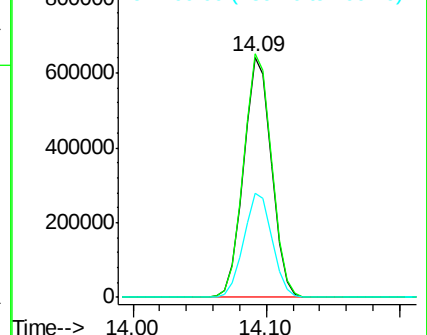
160 43.6 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.839 ng

RT: 12.26 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:216 Resp: 1475767

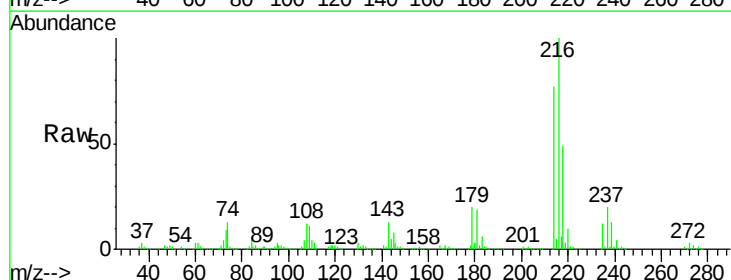
Ion Ratio Lower Upper

216 100

214 78.1 62.3 93.5

179 19.8 16.1 24.1

108 13.8 13.0 19.6

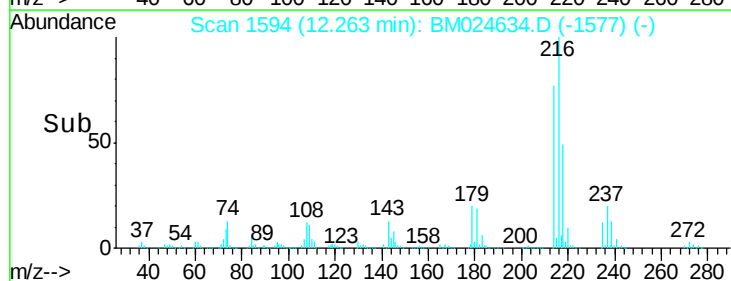
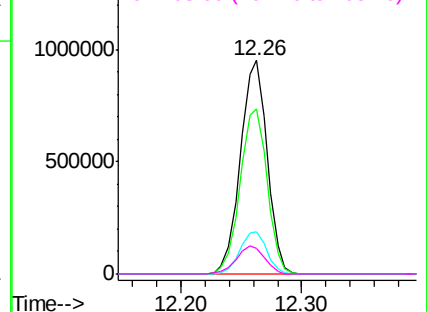


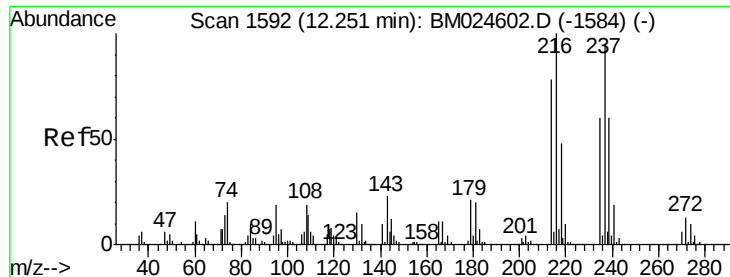
Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.822 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

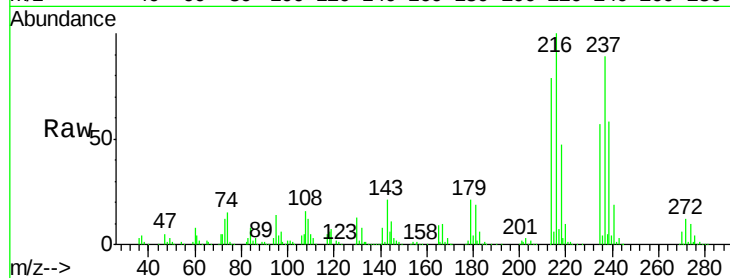
Tot Ion:237 Resp: 845333

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

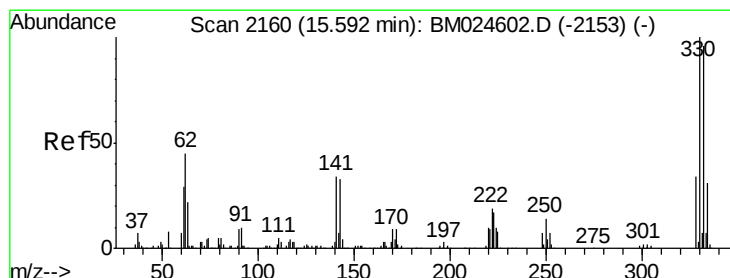
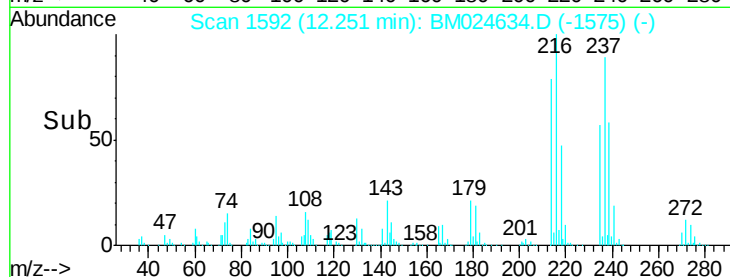
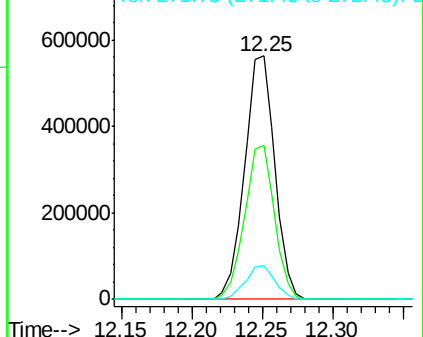
272 13.8 0.0 33.4



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: 95.331 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

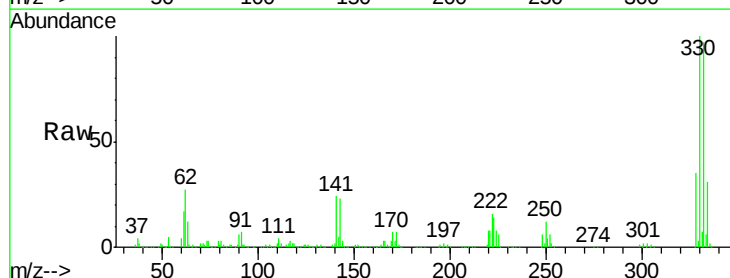
Tgt Ion:330 Resp: 1430019

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

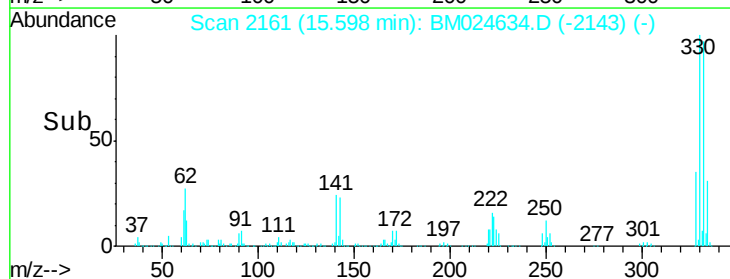
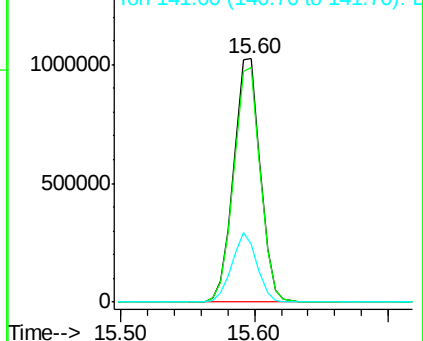
141 27.1 26.9 40.3

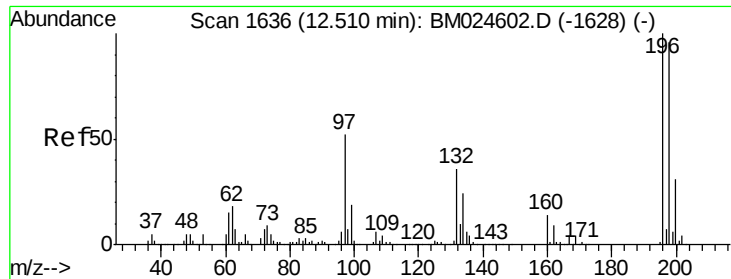


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

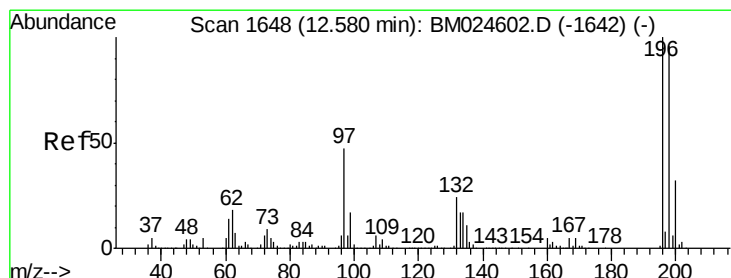
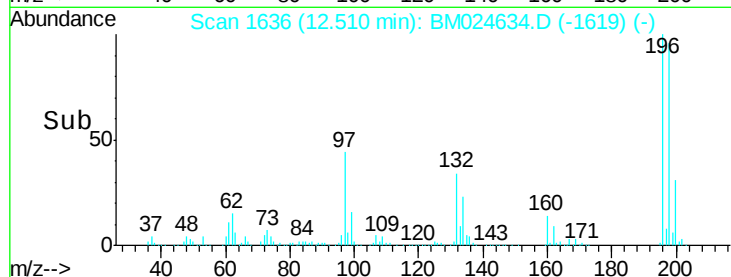
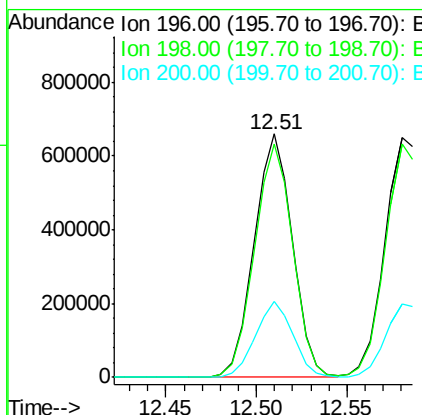
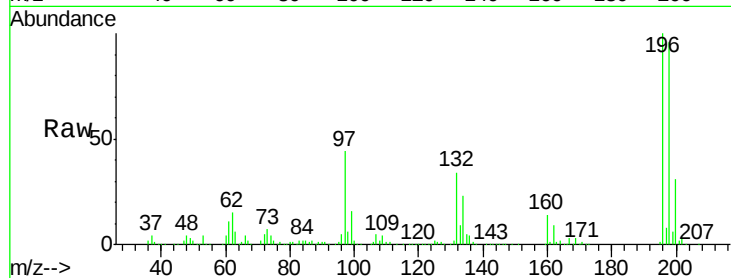




#43
 2,4,6-Trichlorophenol
 Concen: 46.035 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

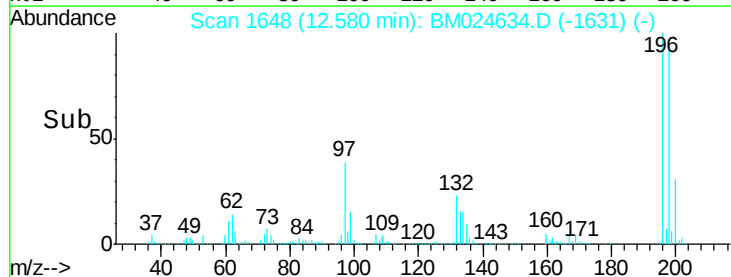
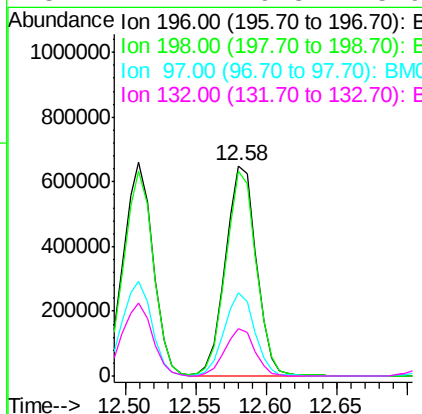
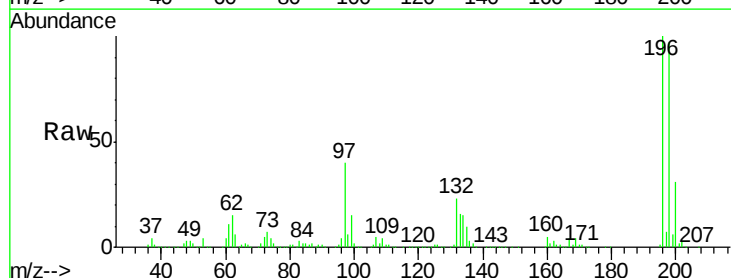
Instrument :
 BNA_M
 ClientSampleId :

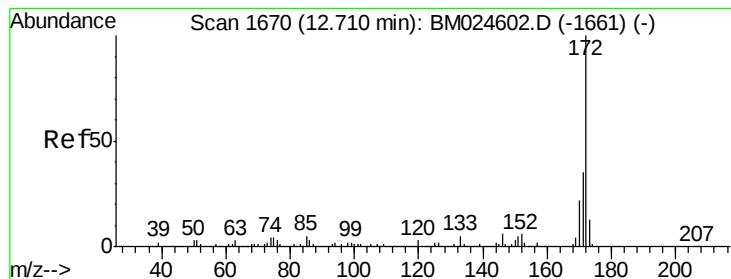
Tot Ion:196 Resp: 964159
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.5 114.7
 200 31.0 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.148 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion:196 Resp: 987096
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.2 115.8
 97 39.6 37.4 56.0
 132 22.7 19.3 28.9



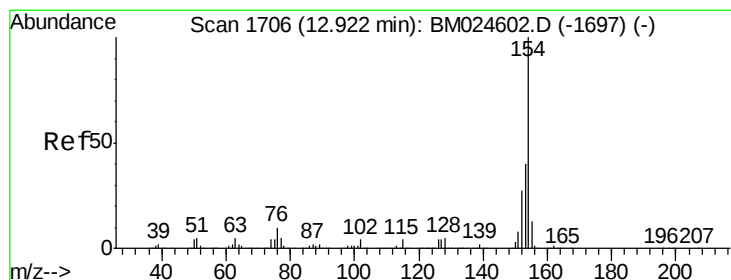
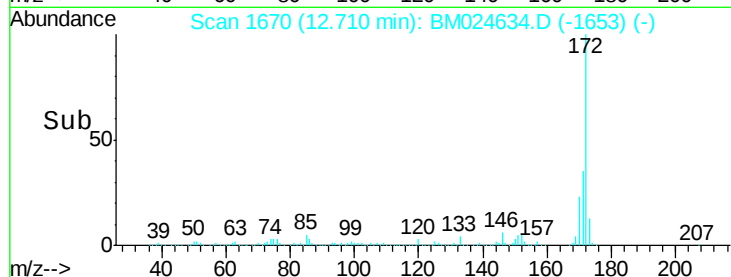
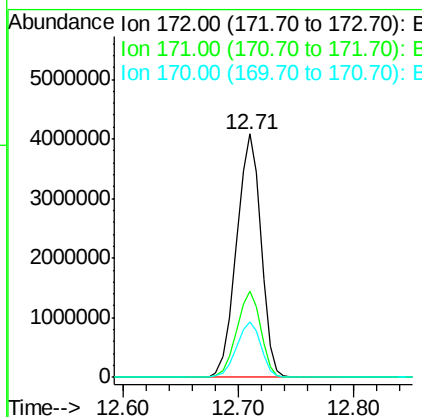
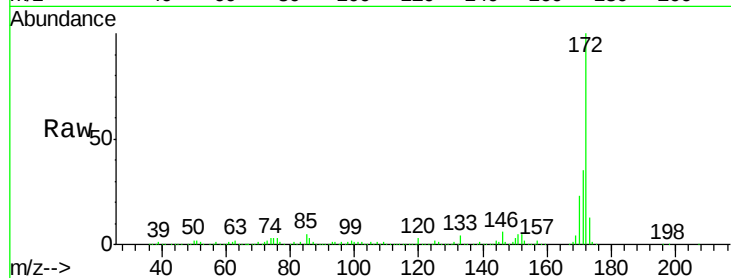


#45
 2-Fluorobiphenyl
 Concen: 87.977 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 5967669

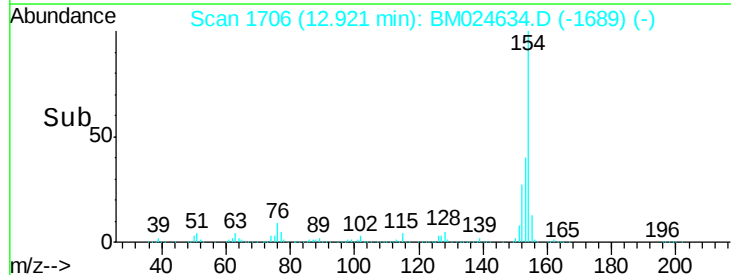
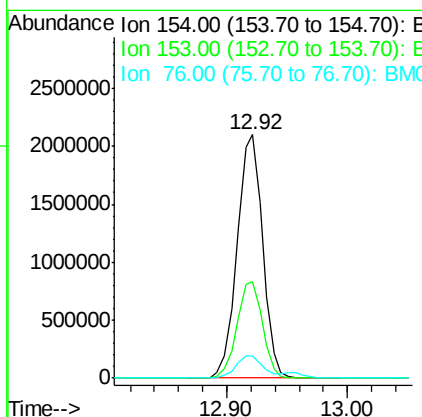
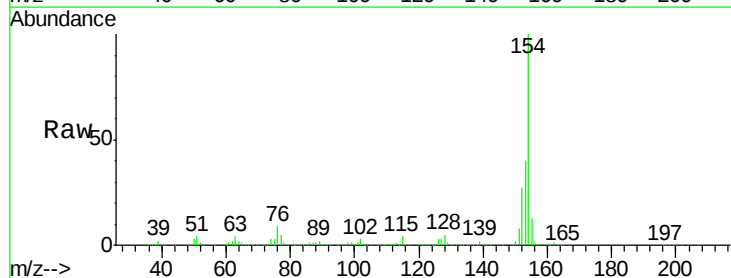
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.9	17.9	26.9

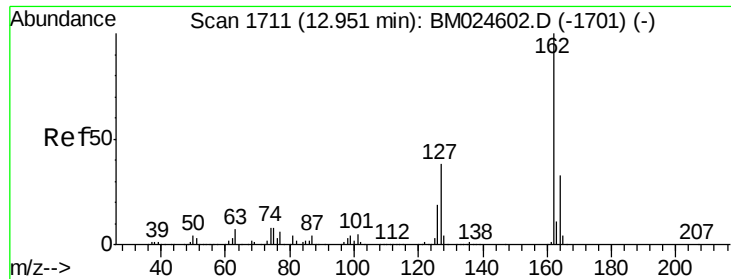


#46
 1,1'-Biphenyl
 Concen: 44.209 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion:154 Resp: 3085276

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	9.1	0.0	30.5

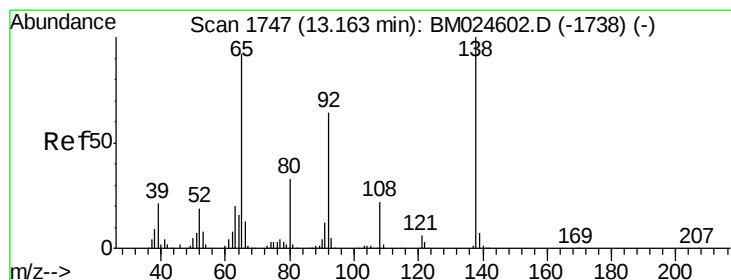
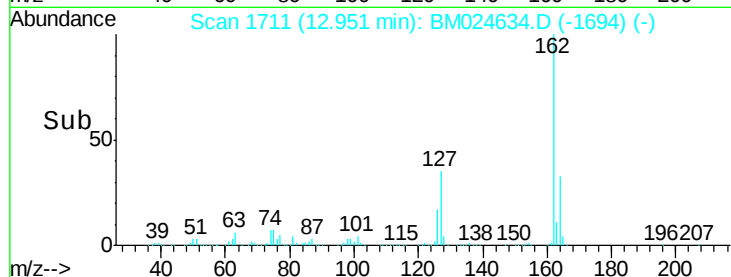
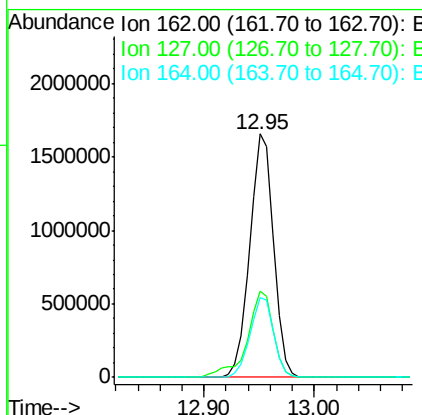
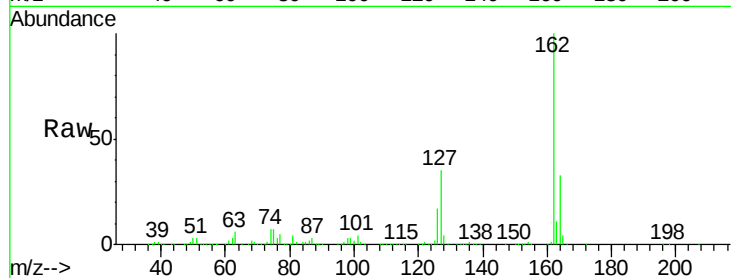




#47
 2-Chloronaphthalene
 Concen: 44.381 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

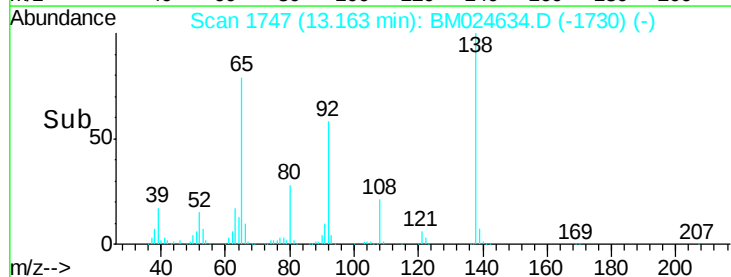
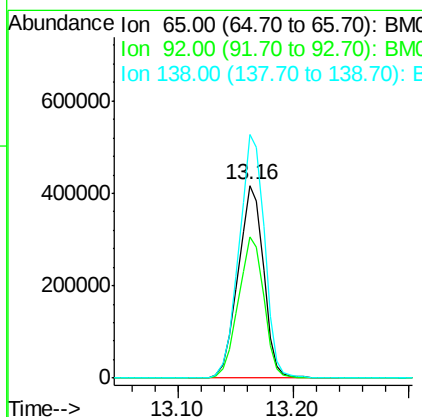
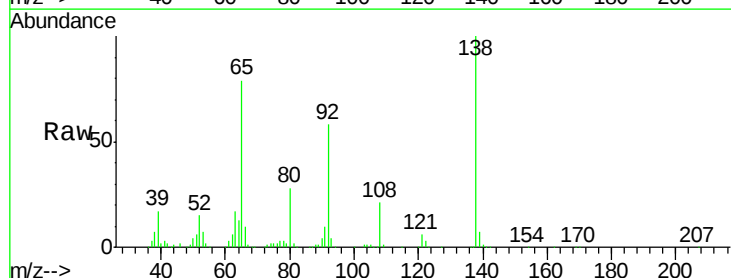
Instrument :
 BNA_M
 ClientSampled :

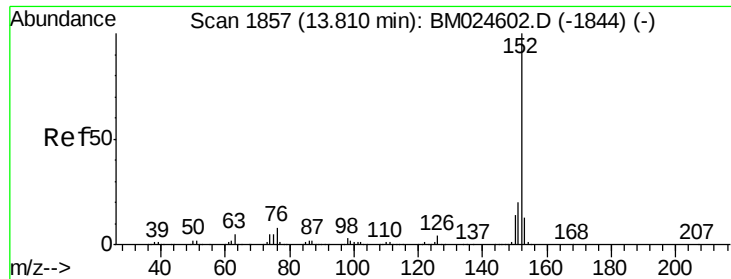
Tot Ion:162 Resp: 2500441
 Ion Ratio Lower Upper
 162 100
 127 35.5 30.4 45.6
 164 33.0 26.5 39.7



#48
 2-Nitroaniline
 Concen: 37.084 ng
 RT: 13.16 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion: 65 Resp: 637235
 Ion Ratio Lower Upper
 65 100
 92 73.4 55.4 83.2
 138 126.3 86.6 129.8





#49

Acenaphthylene

Concen: 44.114 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

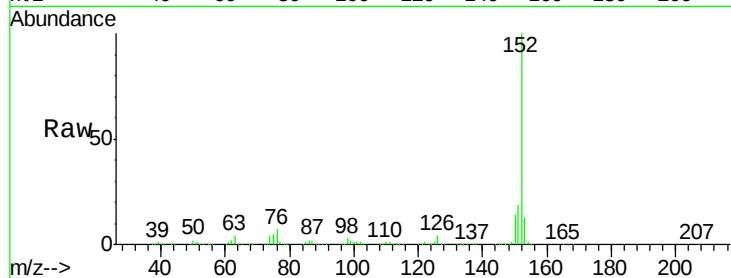
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3720658

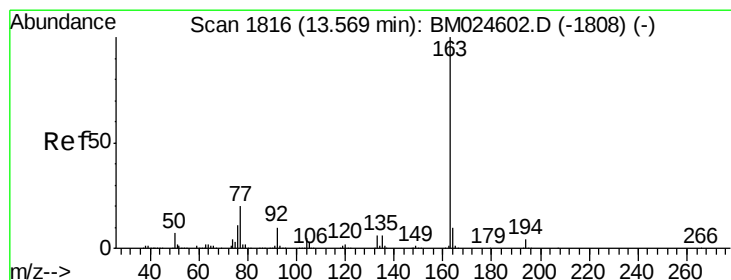
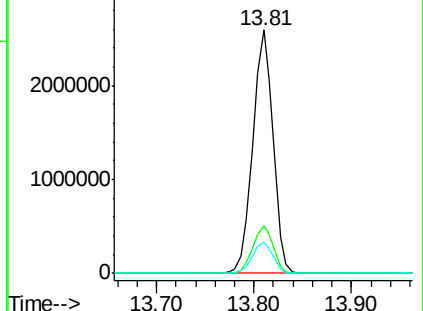
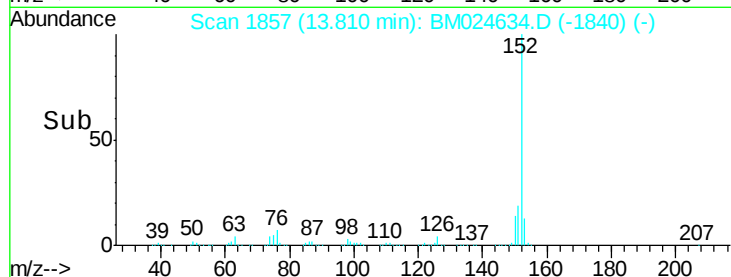
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.0	10.4	15.6



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: 43.677 ng

RT: 13.57 min Scan# 1817

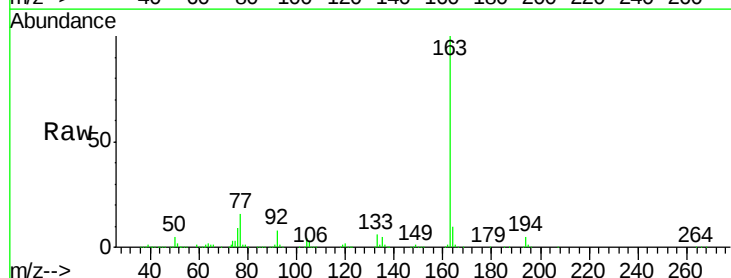
Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:163 Resp: 3256975

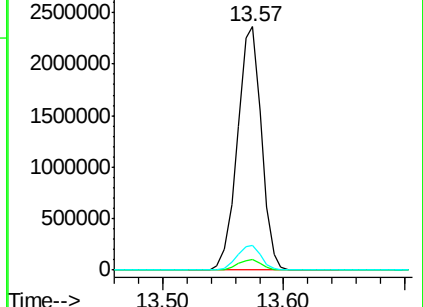
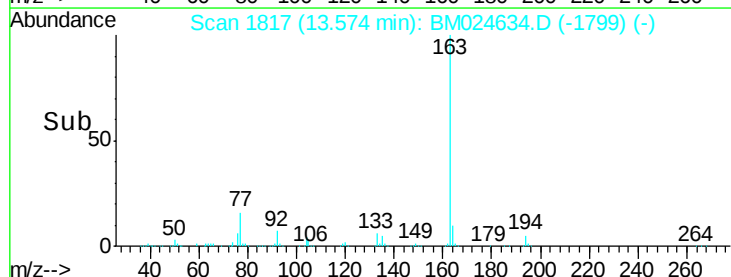
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.0	12.0

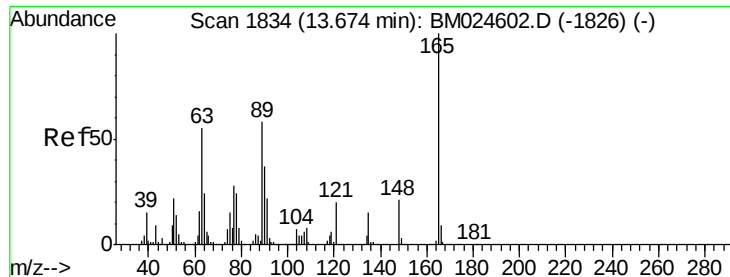


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

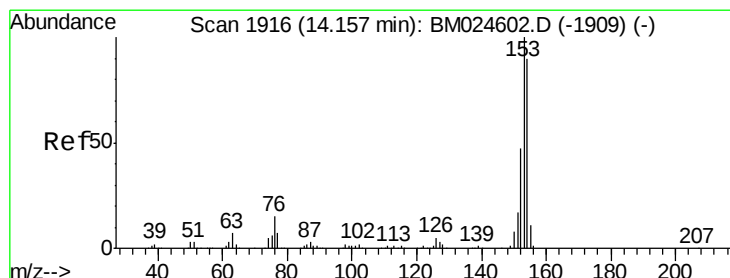
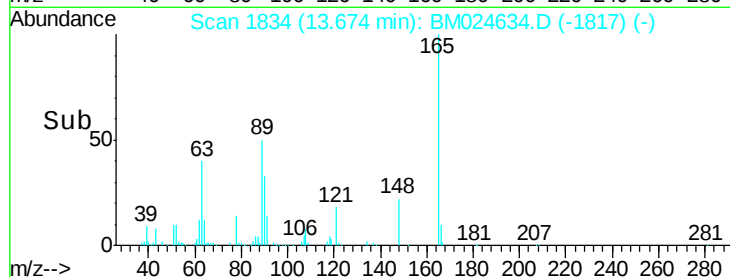
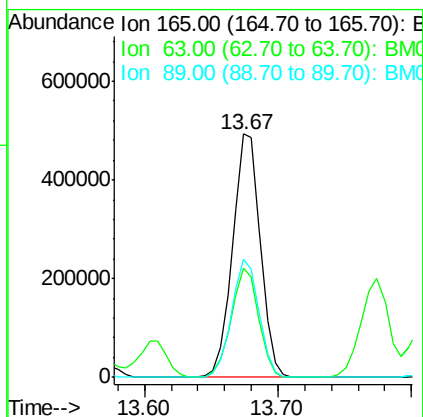
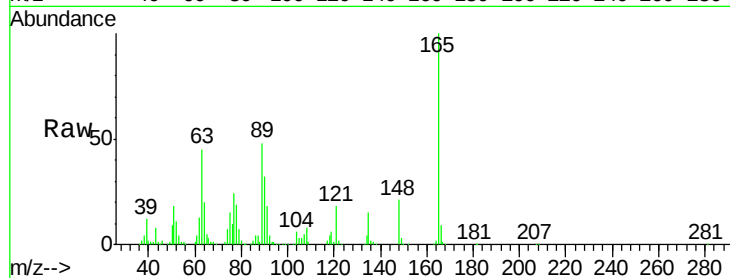




#51
 2,6-Dinitrotoluene
 Concen: 44.987 ng
 RT: 13.67 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

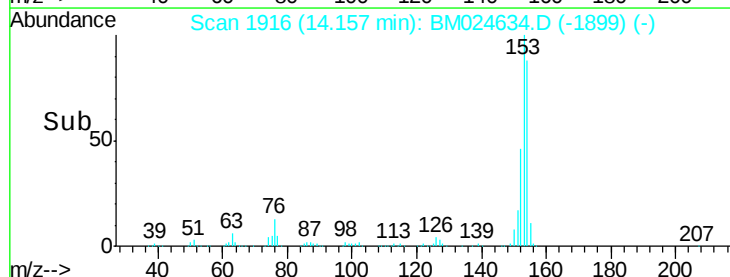
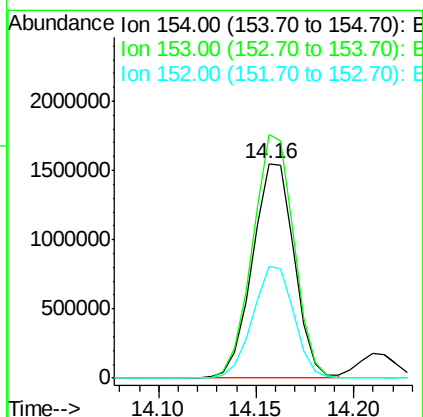
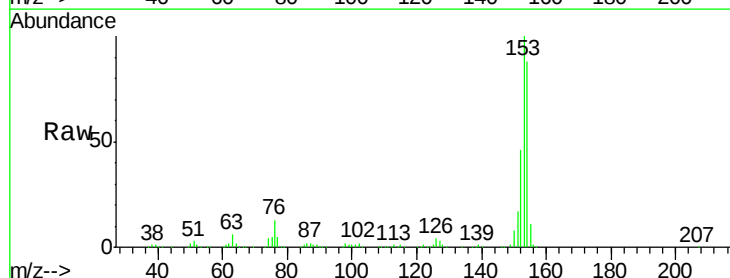
Instrument :
 BNA_M
 ClientSampleId :

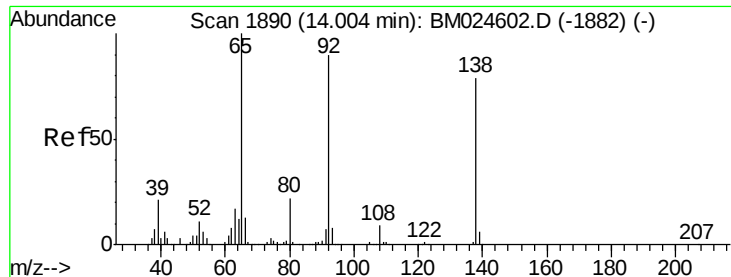
Tot Ion:165 Resp: 713226
 Ion Ratio Lower Upper
 165 100
 63 44.7 45.4 68.0#
 89 48.3 46.6 69.8



#52
 Acenaphthene
 Concen: 43.882 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion:154 Resp: 2296617
 Ion Ratio Lower Upper
 154 100
 153 113.4 89.1 133.7
 152 51.9 41.9 62.9

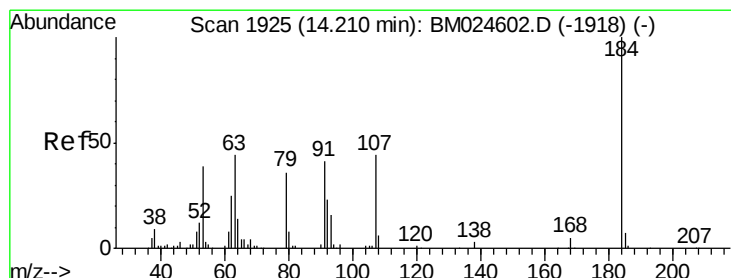
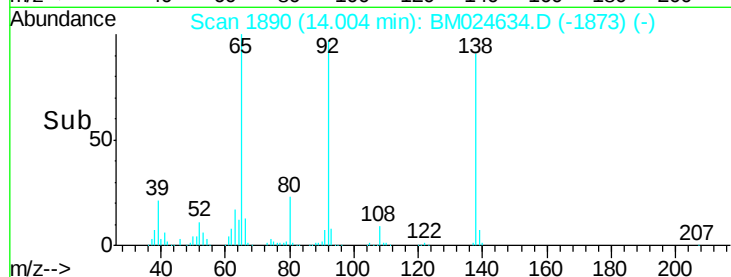
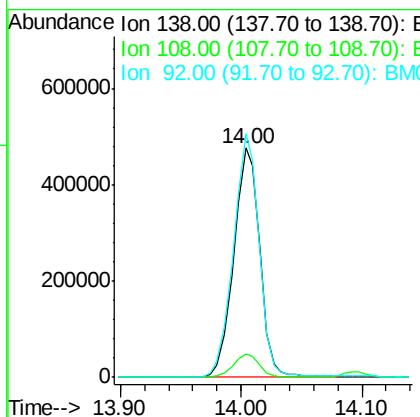
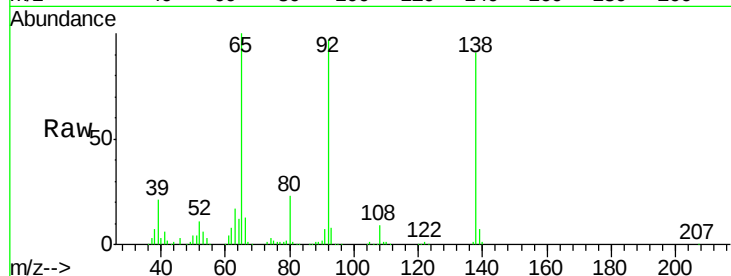




#53
3-Nitroaniline
Concen: 43.513 ng
RT: 14.00 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

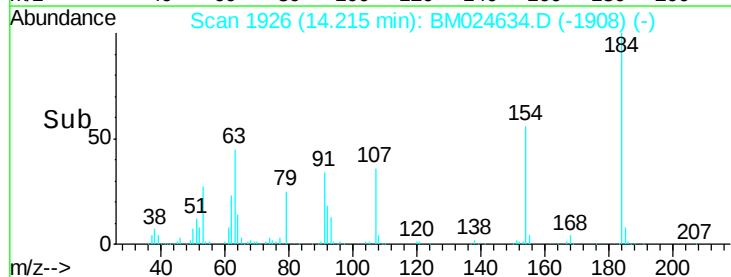
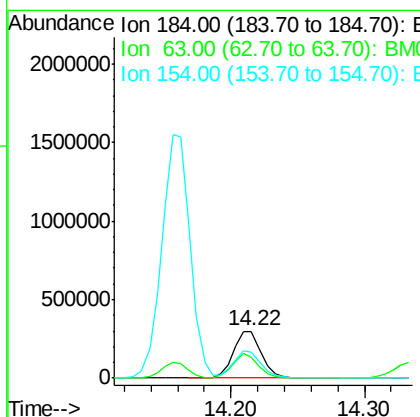
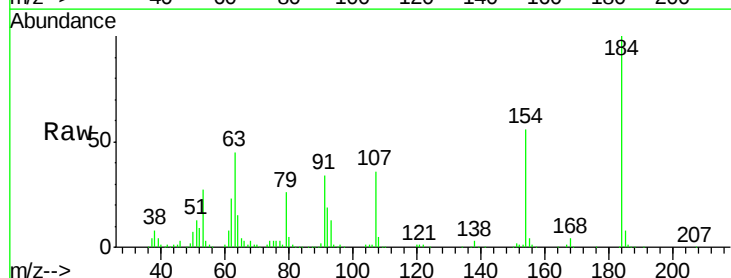
Instrument :
BNA_M
ClientSampleId :

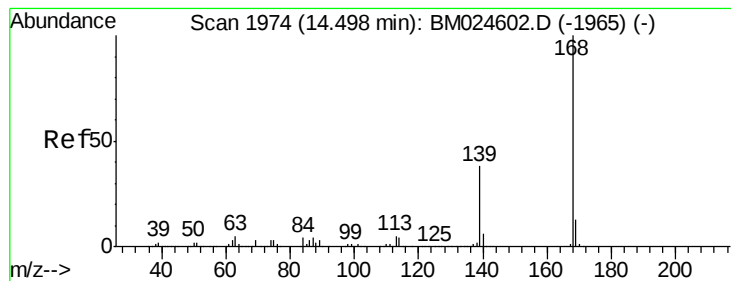
Tot Ion:138 Resp: 715510
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 106.3 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 46.283 ng
RT: 14.22 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:184 Resp: 438794
Ion Ratio Lower Upper
184 100
63 45.0 51.8 77.8#
154 56.3 50.2 75.4





#55

Dibenzofuran

Concen: 44.143 ng

RT: 14.50 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

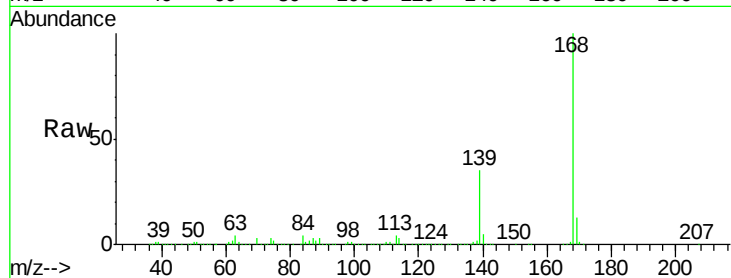
Tot Ion:168 Resp: 3767820

Ion Ratio Lower Upper

168 100

139 35.1 30.2 45.4

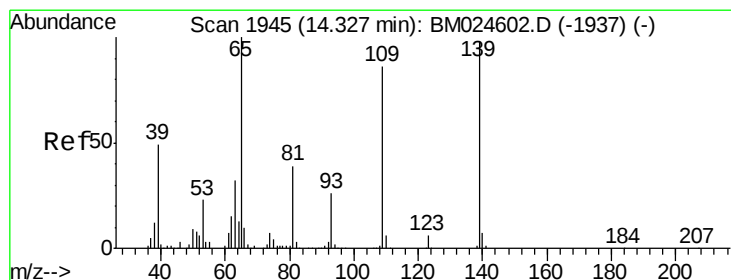
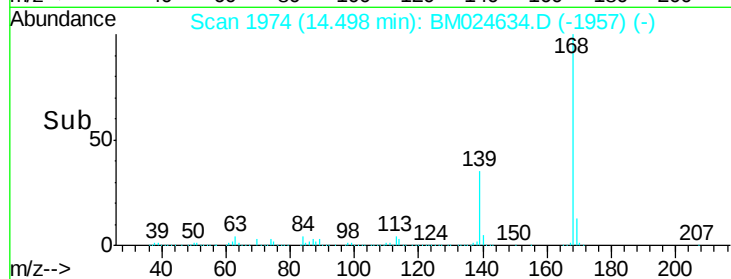
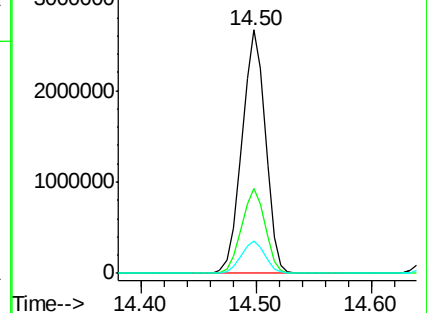
169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.811 ng

RT: 14.33 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

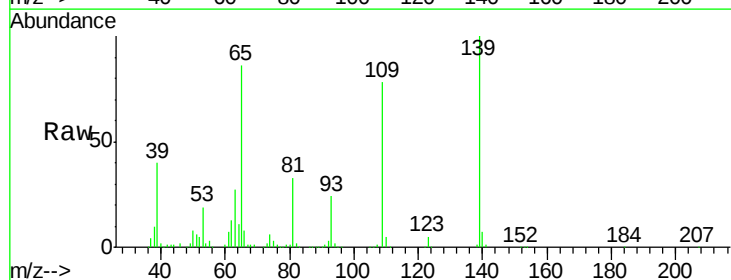
Tgt Ion:139 Resp: 550281

Ion Ratio Lower Upper

139 100

109 78.3 67.4 107.4

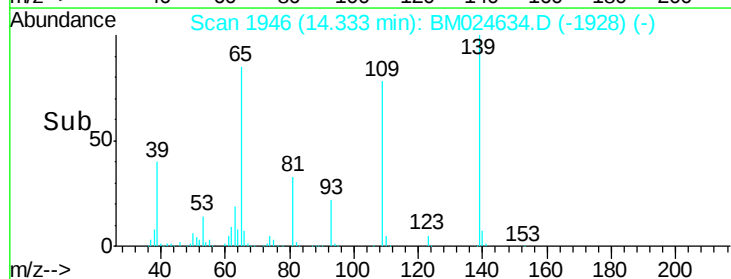
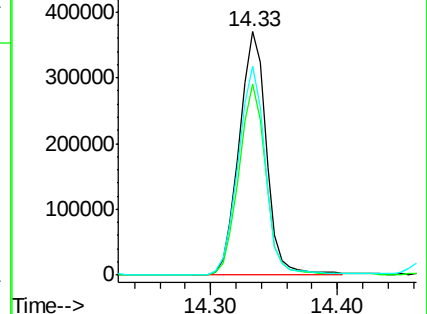
65 86.0 82.1 122.1

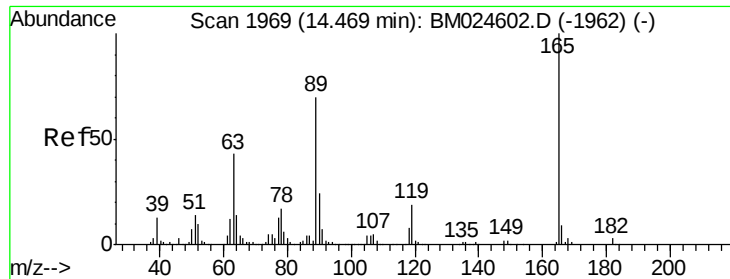


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

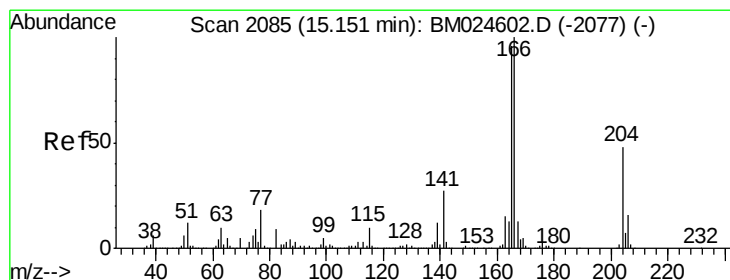
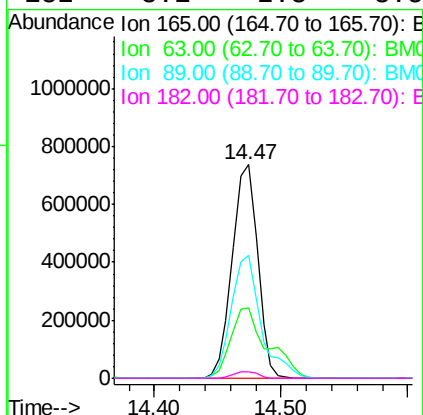
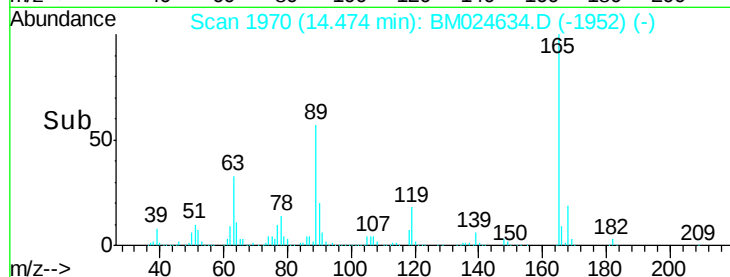
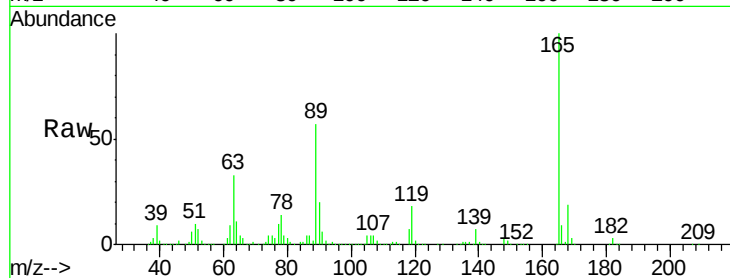




#57
2,4-Dinitrotoluene
Concen: 45.222 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

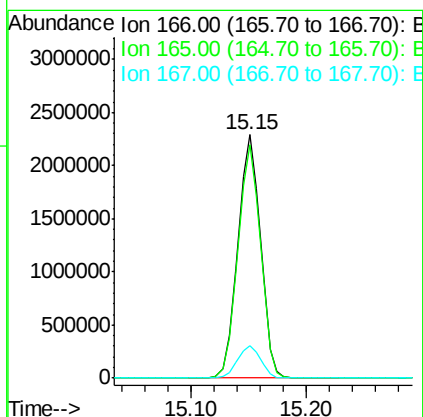
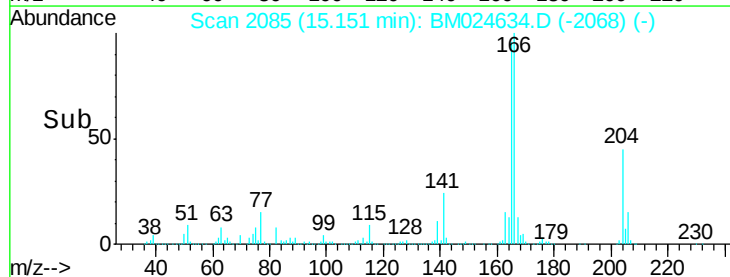
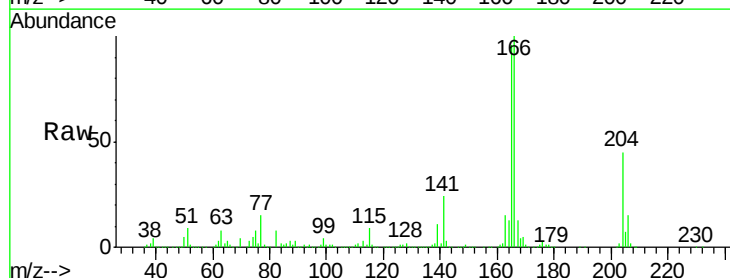
Instrument :
BNA_M
ClientSampled :

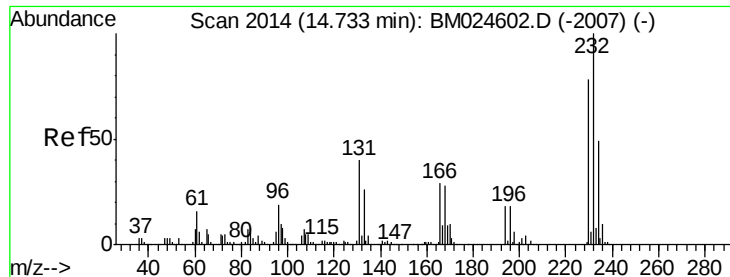
Tot Ion:165 Resp: 1027515
Ion Ratio Lower Upper
165 100
63 33.0 34.5 51.7#
89 57.5 55.8 83.8
182 3.1 2.3 3.5



#58
Fluorene
Concen: 43.393 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:166 Resp: 3112533
Ion Ratio Lower Upper
166 100
165 96.0 76.6 114.8
167 13.5 10.8 16.2

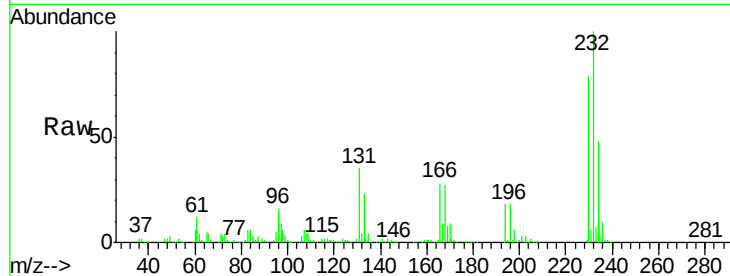




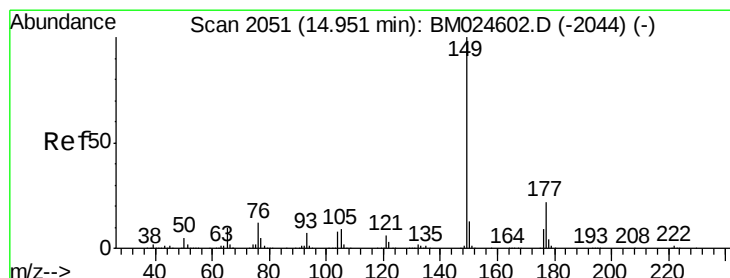
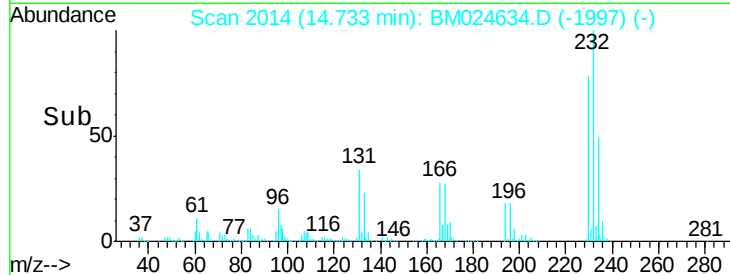
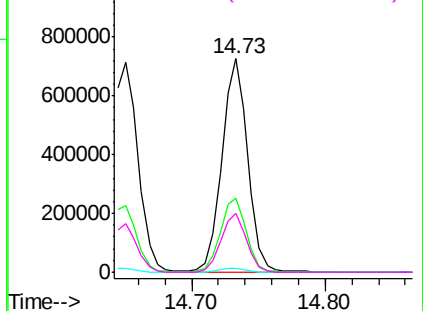
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.994 ng
RT: 14.73 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 975981
Ion Ratio Lower Upper
232 100
131 35.2 32.2 48.4
130 2.0 1.9 2.9
166 27.6 23.4 35.0

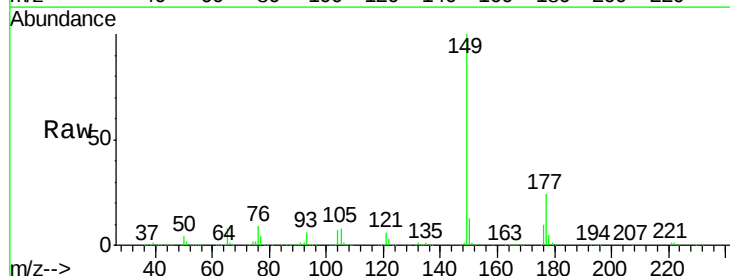


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

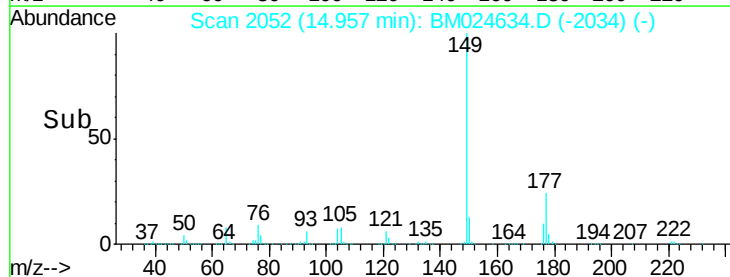
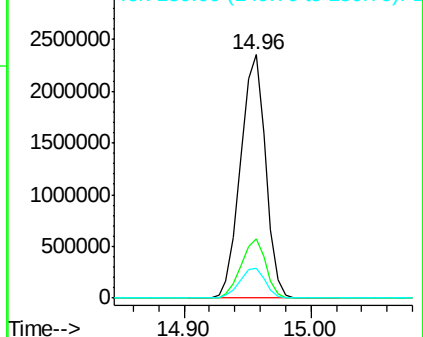


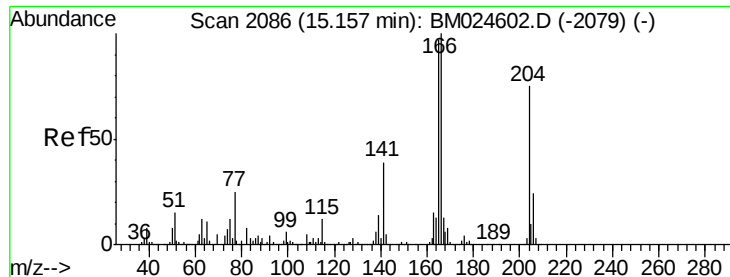
#60
Diethylphthalate
Concen: 42.468 ng
RT: 14.96 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:149 Resp: 3215022
Ion Ratio Lower Upper
149 100
177 24.3 18.0 27.0
150 12.5 10.2 15.4



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

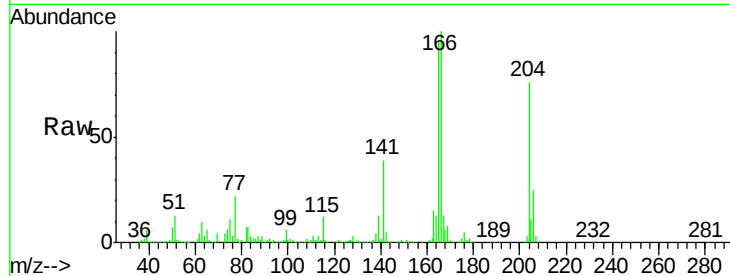




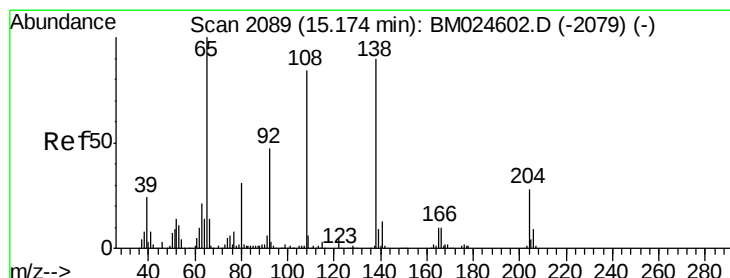
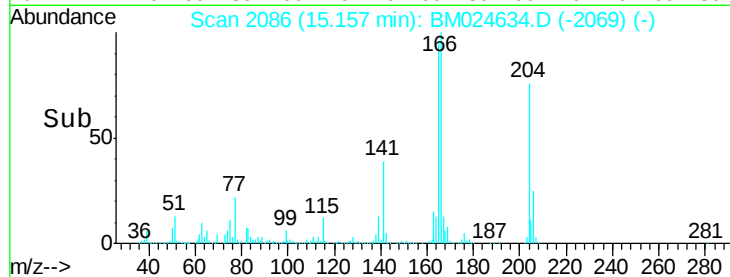
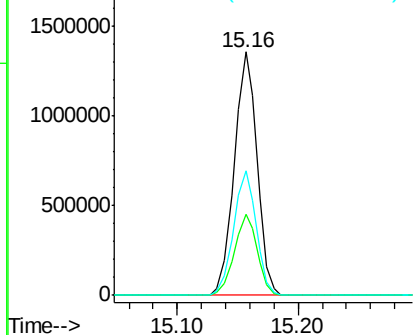
#61
4-Chlorophenyl-phenylether
Concen: 43.159 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1784808
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 51.0 42.2 63.2

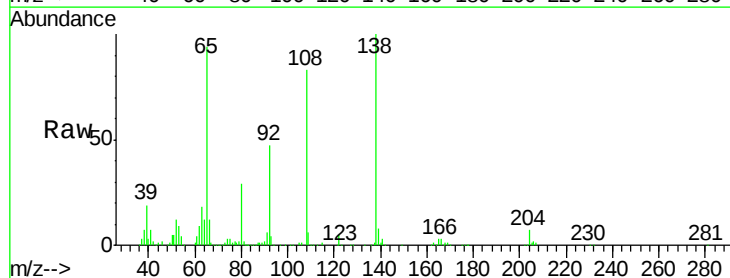


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

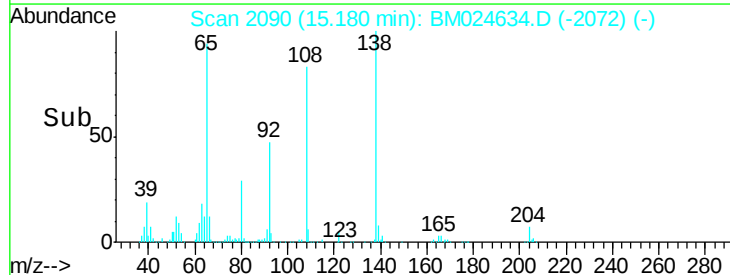
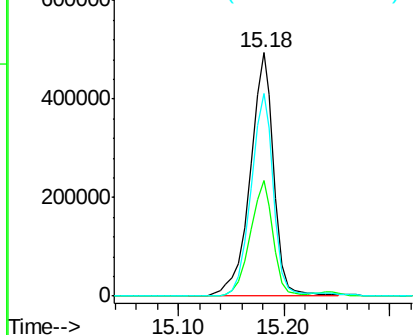


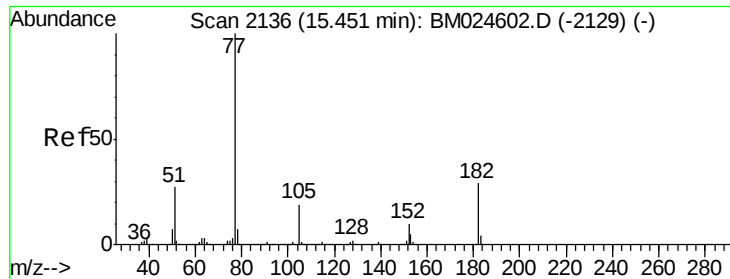
#62
4-Nitroaniline
Concen: 42.727 ng
RT: 15.18 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:138 Resp: 775527
Ion Ratio Lower Upper
138 100
92 47.4 32.4 72.4
108 83.3 73.3 113.3



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: 37.356 ng

RT: 15.45 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2412278

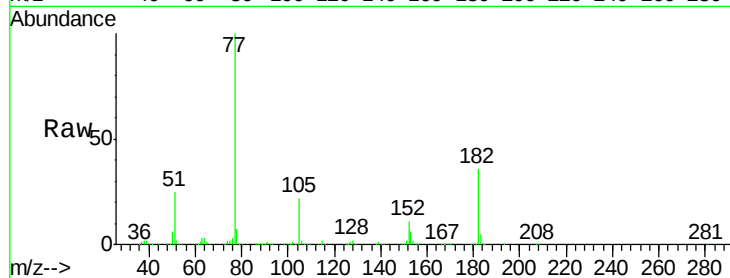
Ion Ratio Lower Upper

77 100

182 35.5 8.7 48.7

105 21.5 0.0 39.2

51 25.5 7.5 47.5

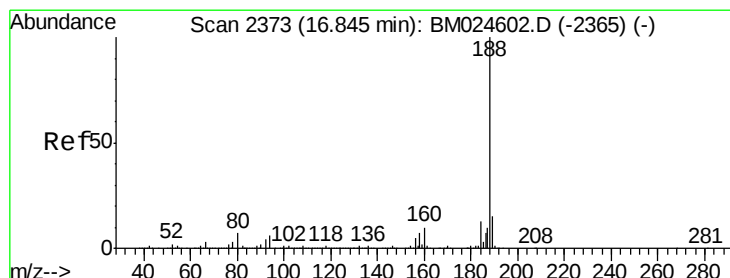
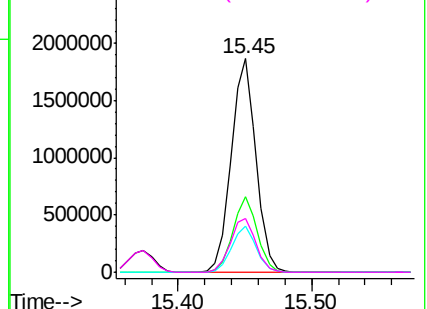
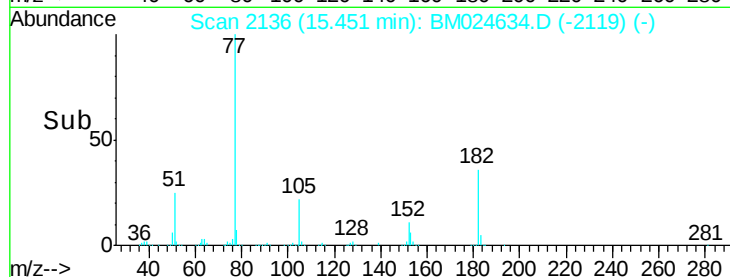


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

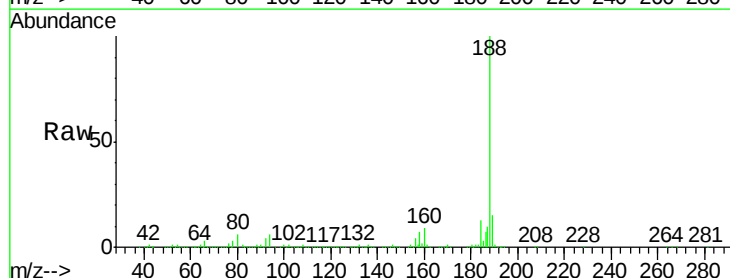
Tgt Ion: 188 Resp: 2159892

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.6

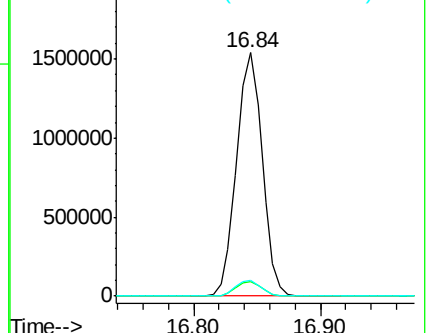
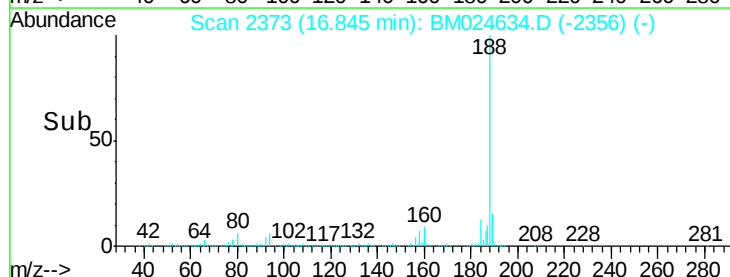
80 6.5 5.8 8.8

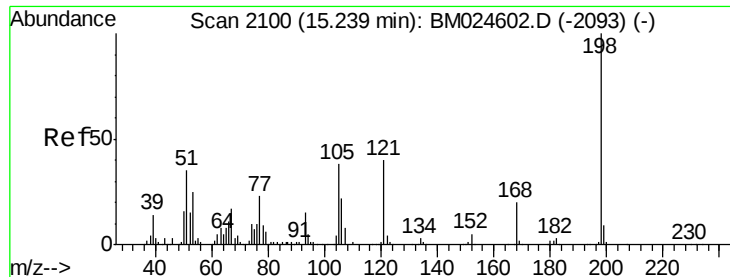


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

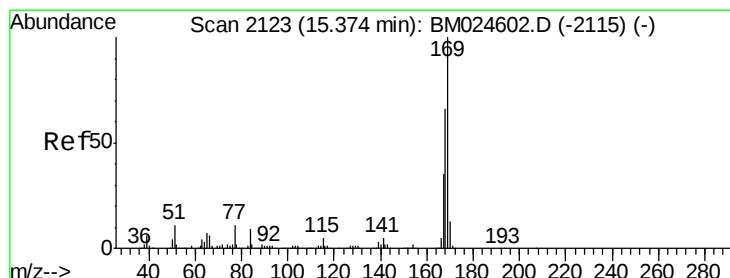
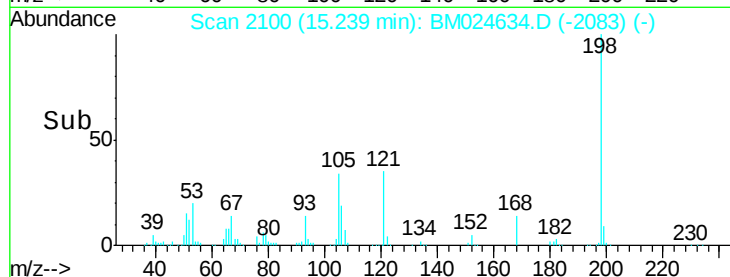
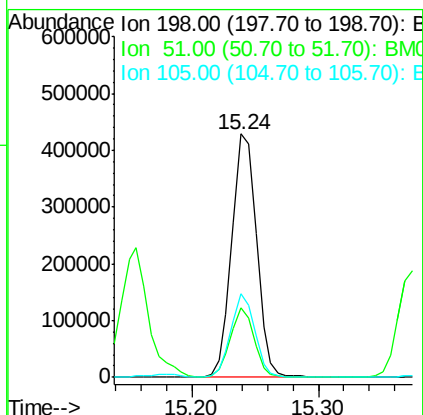
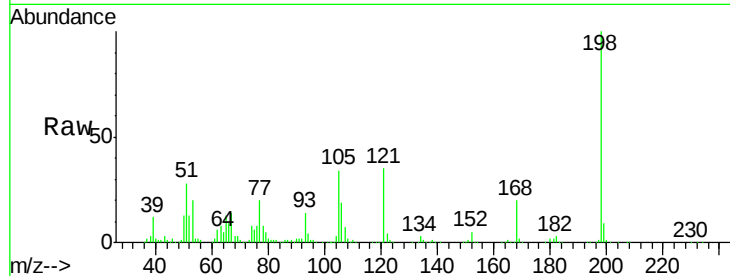




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.904 ng
 RT: 15.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

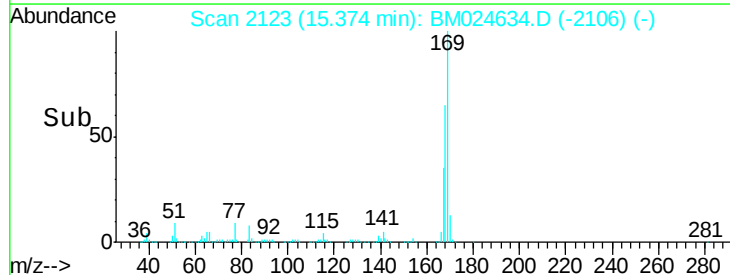
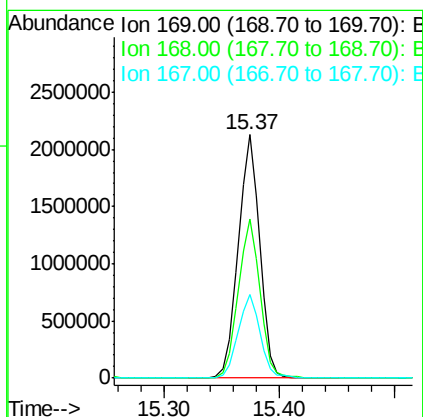
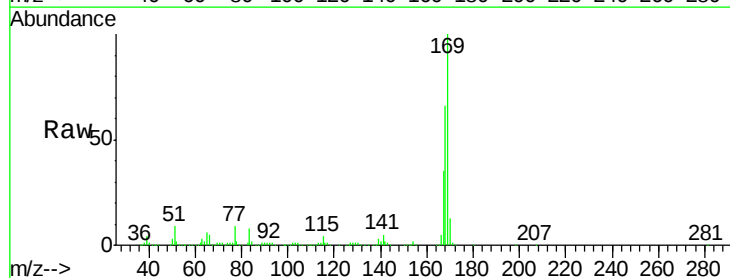
Instrument :
 BNA_M
 ClientSampleId :

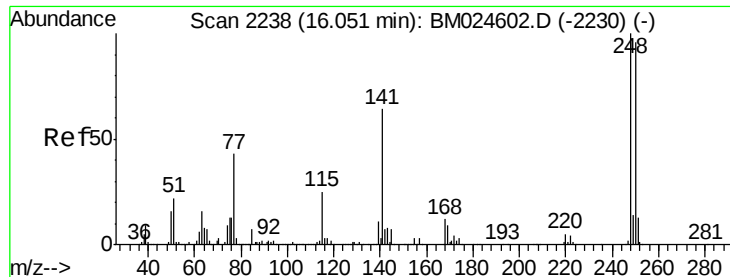
Tot Ion	Ratio	Lower	Upper
198	100		
51	28.3	15.8	55.8
105	34.2	18.5	58.5



#66
 n-Nitrosodiphenylamine
 Concen: 44.120 ng
 RT: 15.37 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.8	79.2
167	34.6	28.2	42.2

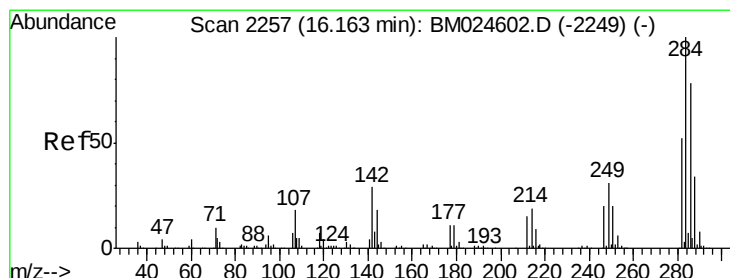
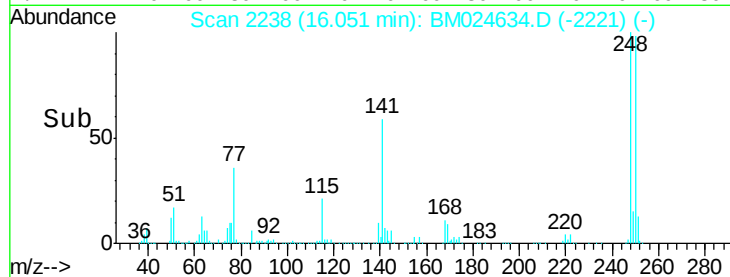
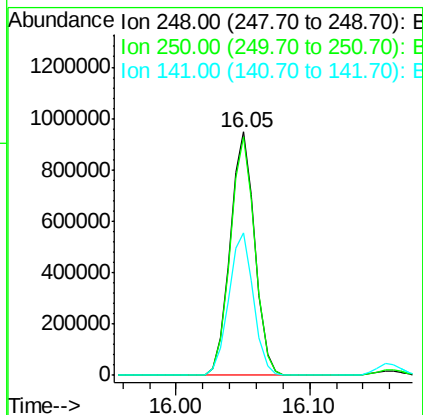
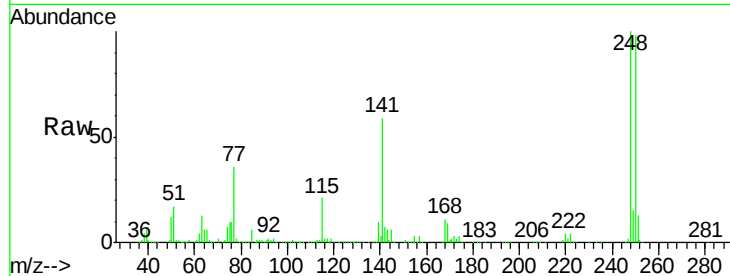




#67
4-Bromophenyl-phenylether
Concen: 45.413 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

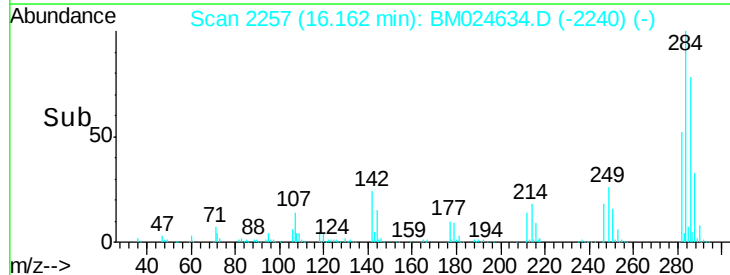
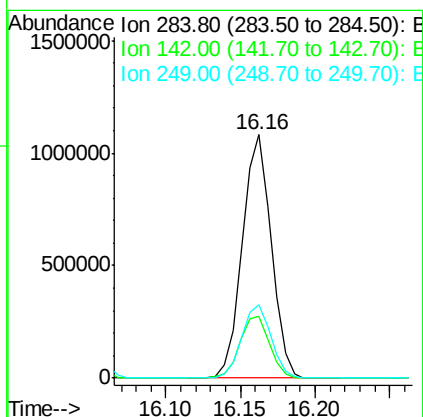
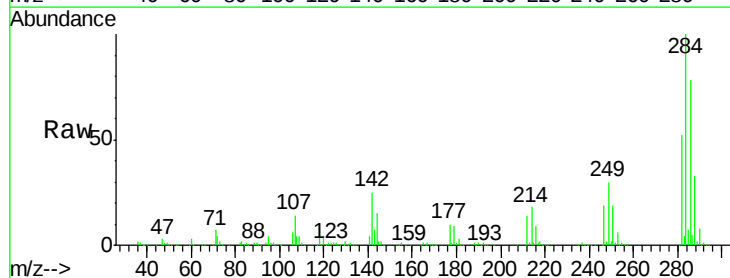
Instrument :
BNA_M
ClientSampleId :

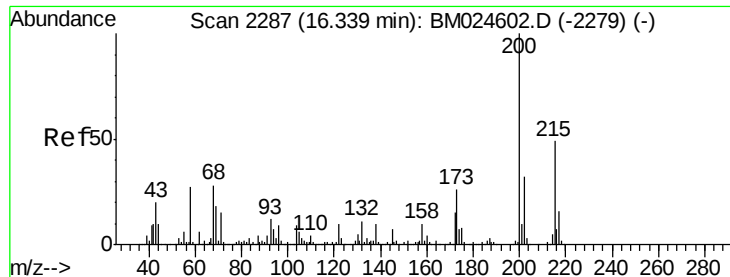
Tot Ion:248 Resp: 1219796
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.6
141 58.5 50.9 76.3



#68
Hexachlorobenzene
Concen: 46.929 ng
RT: 16.16 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:284 Resp: 1446503
Ion Ratio Lower Upper
284 100
142 25.2 23.5 35.3
249 30.3 24.6 36.8





#69

Atrazine

Concen: 40.014 ng

RT: 16.34 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

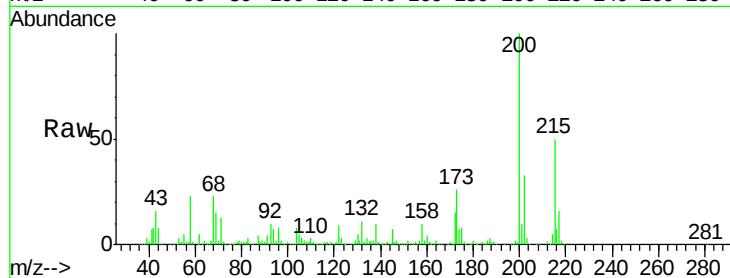
Tot Ion:200 Resp: 952937

Ion Ratio Lower Upper

200 100

173 25.7 5.5 45.5

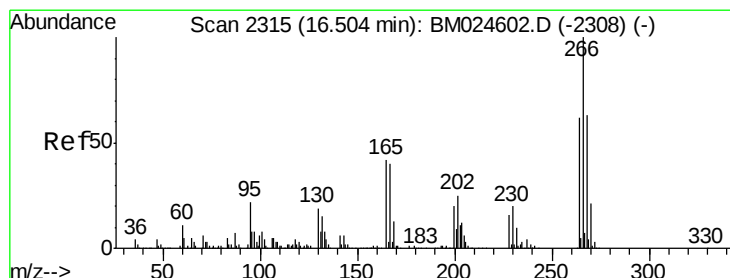
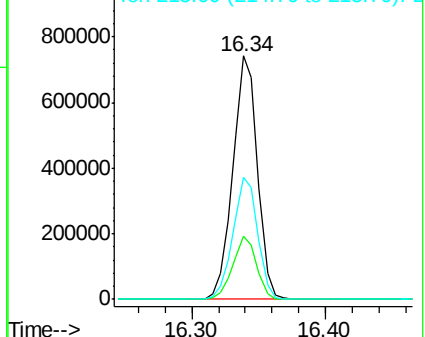
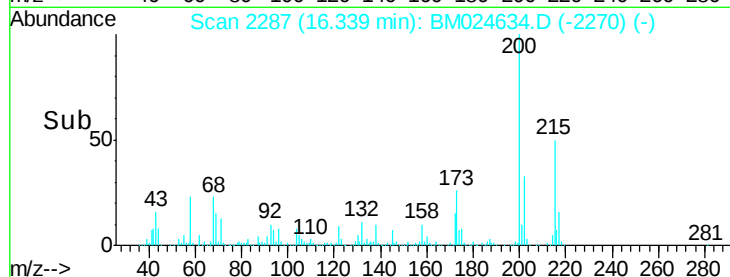
215 50.0 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 45.924 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

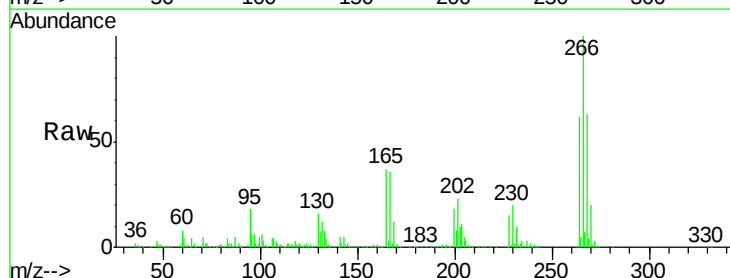
Tgt Ion:266 Resp: 862218

Ion Ratio Lower Upper

266 100

268 63.2 50.4 75.6

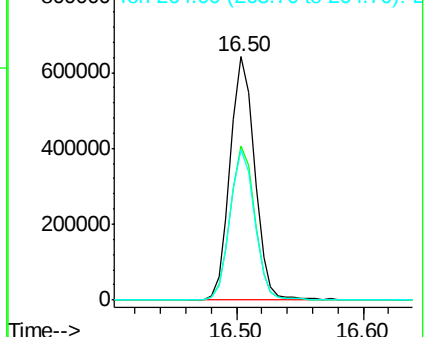
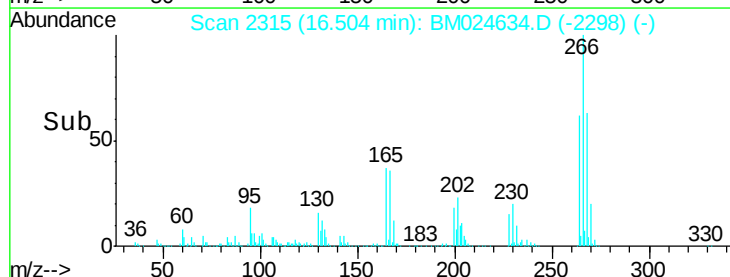
264 61.7 49.9 74.9

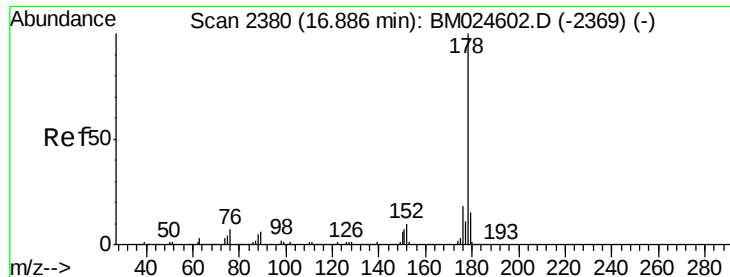


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

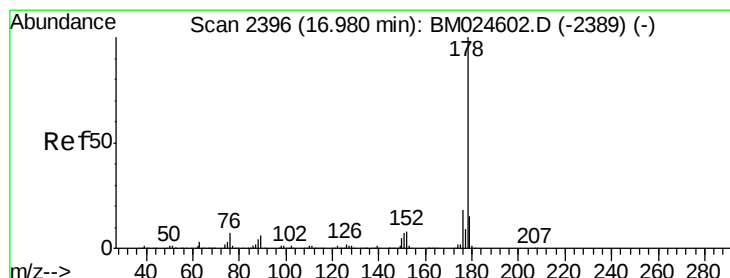
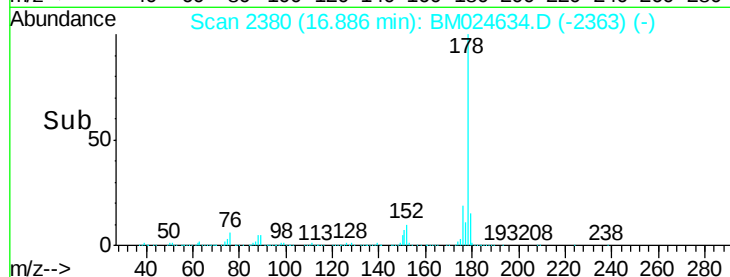
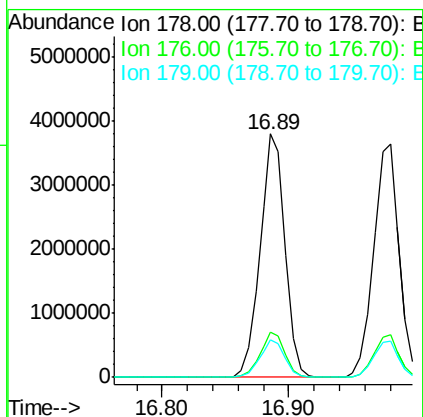
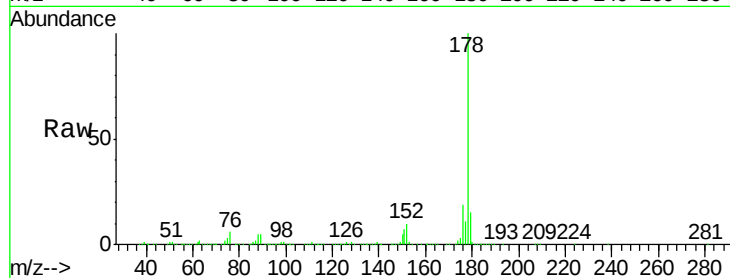




#71
Phenanthrene
Concen: 44.107 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

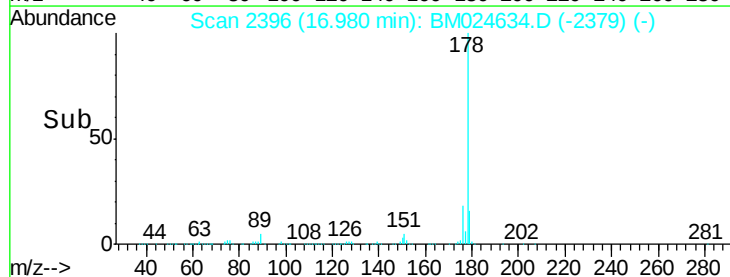
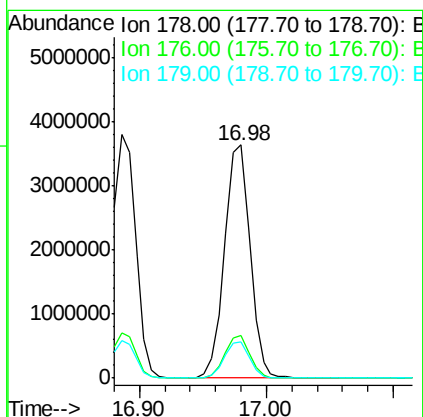
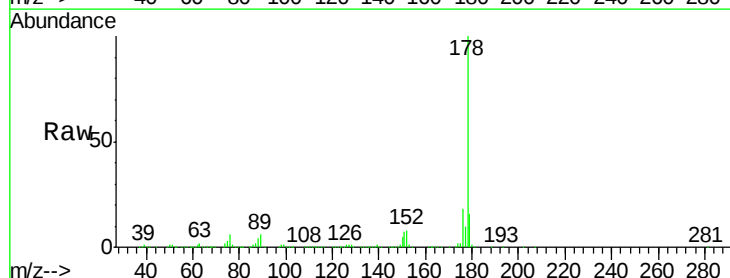
Instrument :
BNA_M
ClientSampleId :

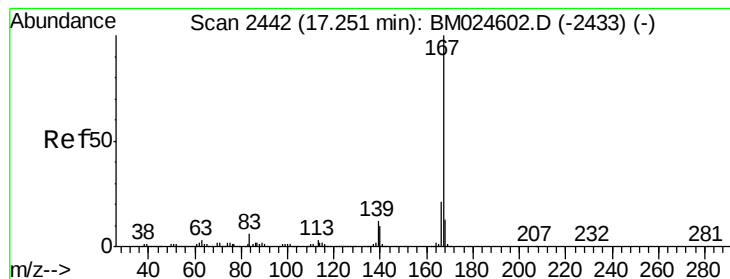
Tot Ion:178 Resp: 5158865
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.4 11.9 17.9



#72
Anthracene
Concen: 44.201 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:178 Resp: 5058560
Ion Ratio Lower Upper
178 100
176 18.1 14.3 21.5
179 15.6 12.1 18.1





#73

Carbazole

Concen: 43.664 ng

RT: 17.25 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

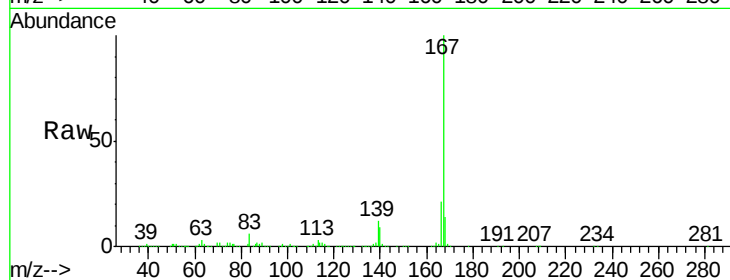
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 4549009

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.0	9.8	14.8

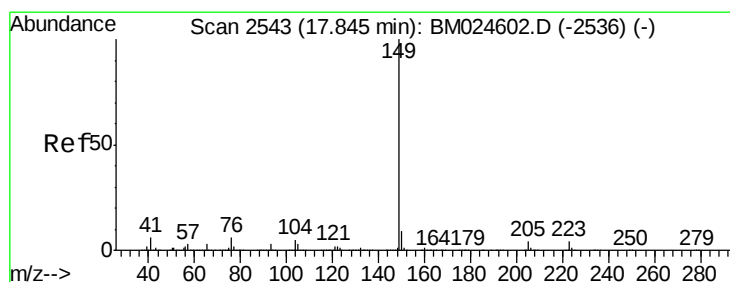
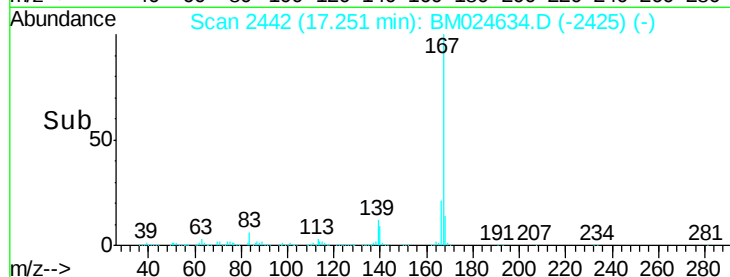
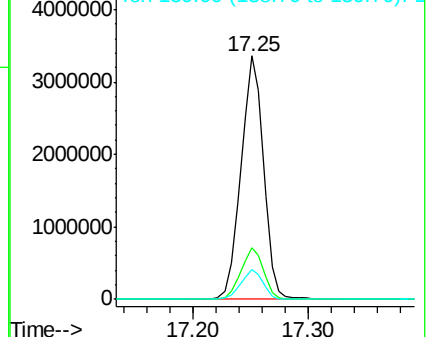


Abundance

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: 42.203 ng

RT: 17.84 min Scan# 2543

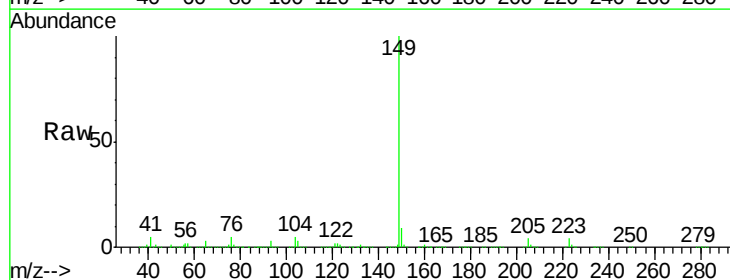
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:149 Resp: 5620945

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	4.3	6.5

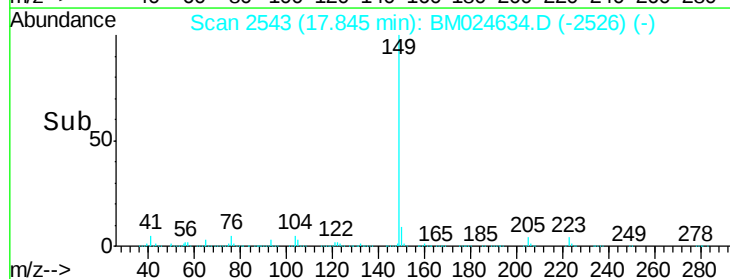
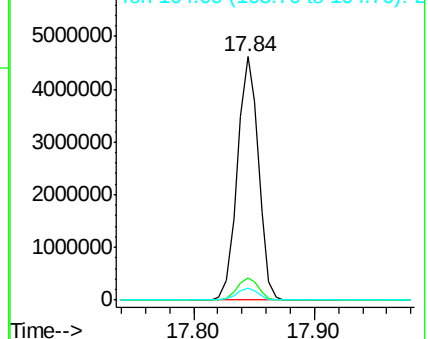


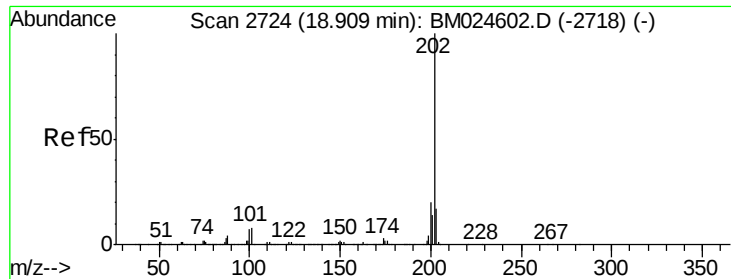
Abundance

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: 43.547 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

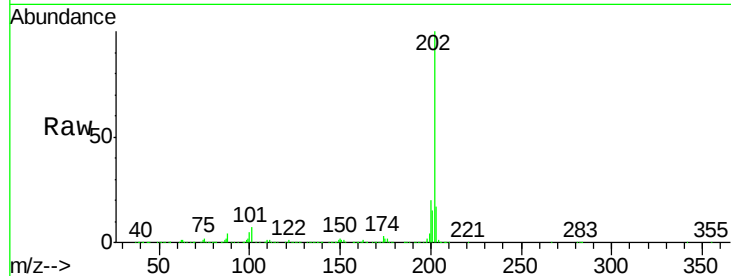
Tot Ion:202 Resp: 6356993

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.4

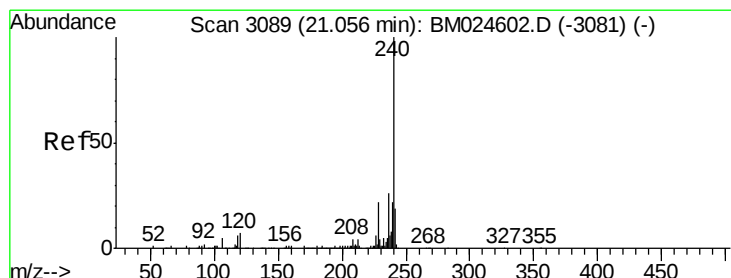
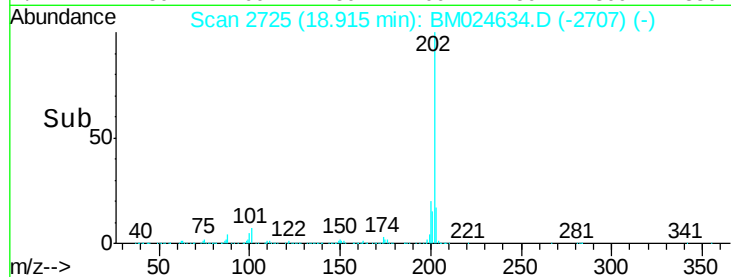
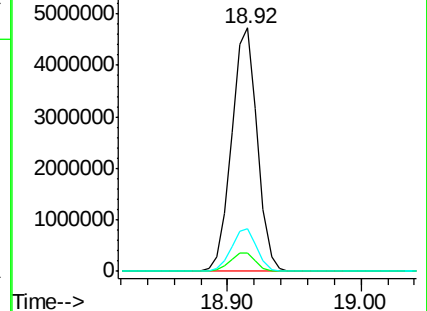
203 17.5 0.0 37.5



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: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

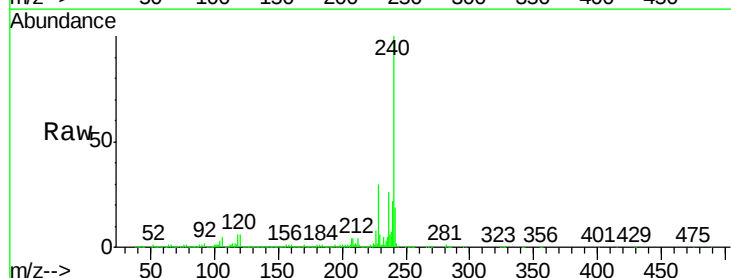
Tgt Ion:240 Resp: 2066253

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

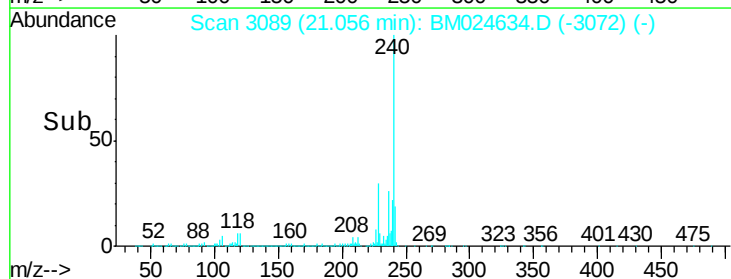
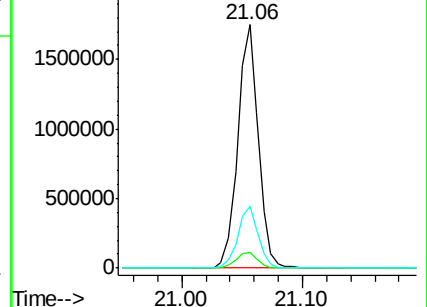
236 25.6 20.6 31.0

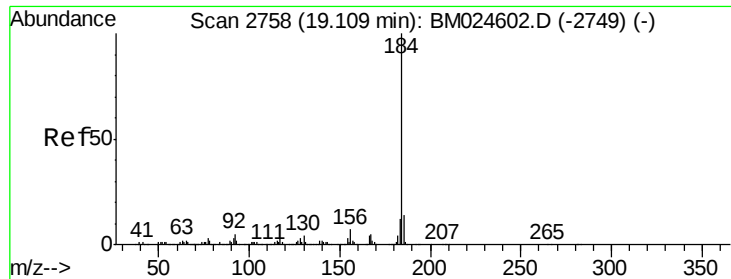


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.602 ng

RT: 19.11 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

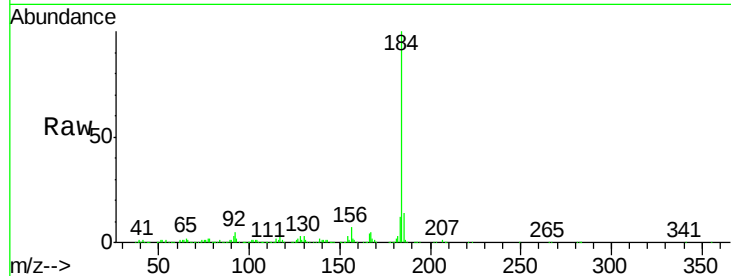
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2098133

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	11.7	9.6	14.4

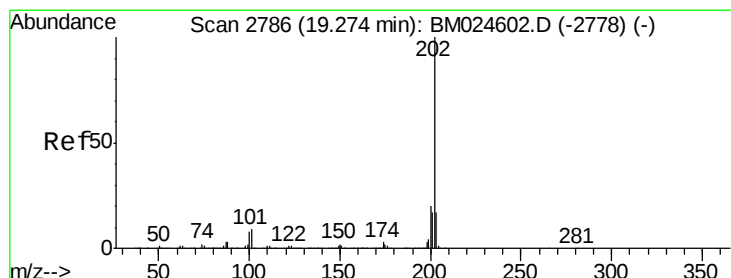
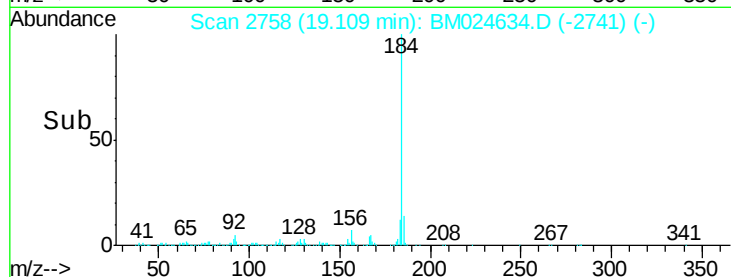
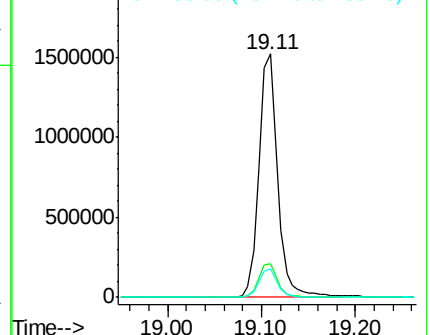


Abundance

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: 47.621 ng

RT: 19.27 min Scan# 2786

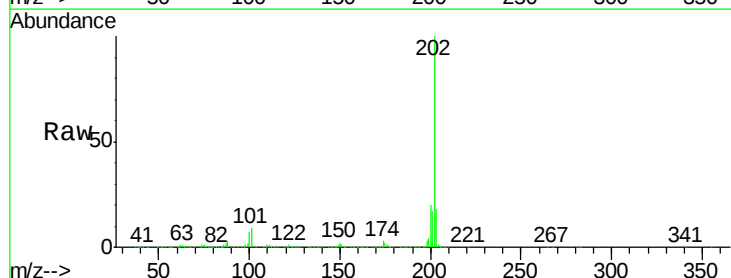
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:202 Resp: 6486751

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.6	14.0	21.0

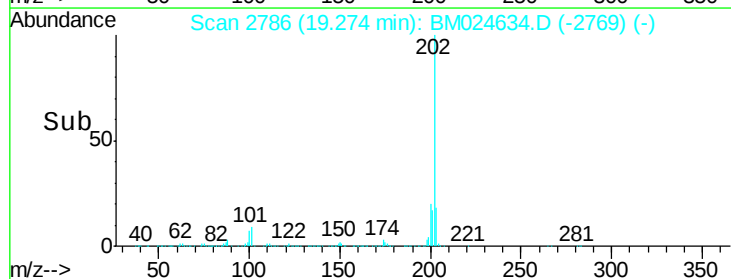
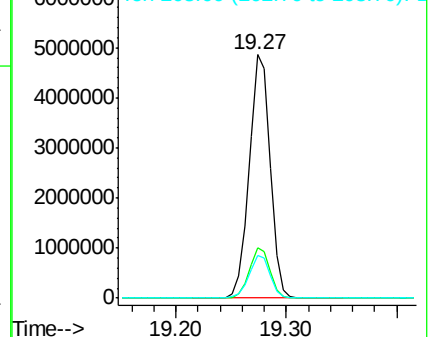


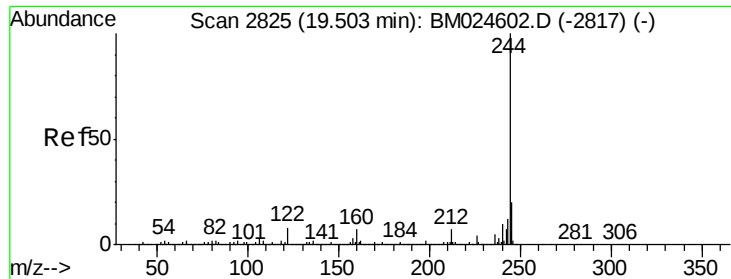
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.314 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampled :

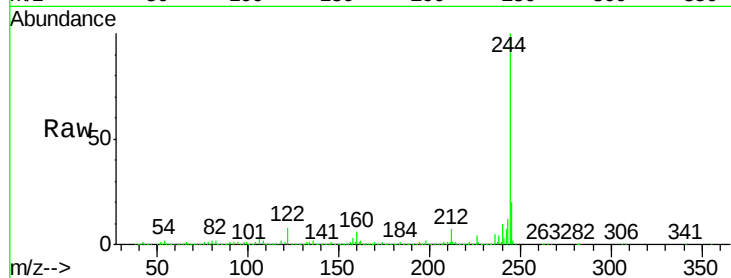
Tot Ion:244 Resp:10659865

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

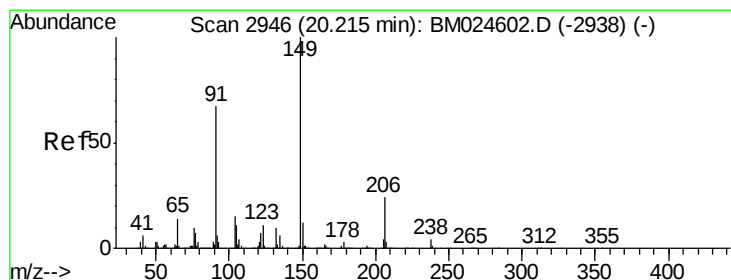
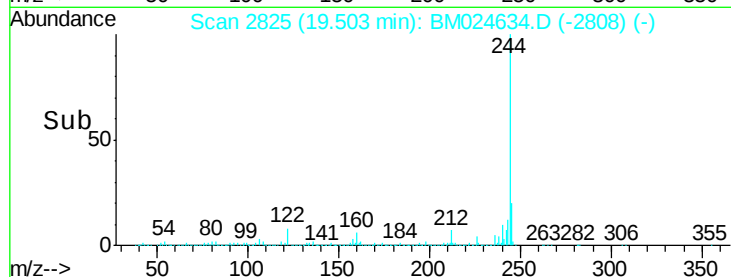
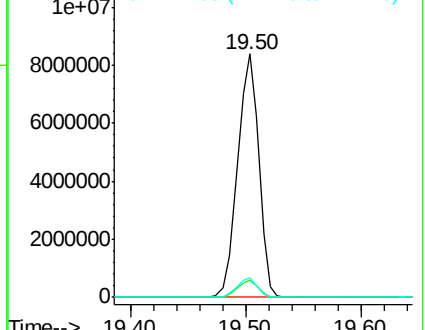
122 7.8 6.2 9.4



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: 44.733 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

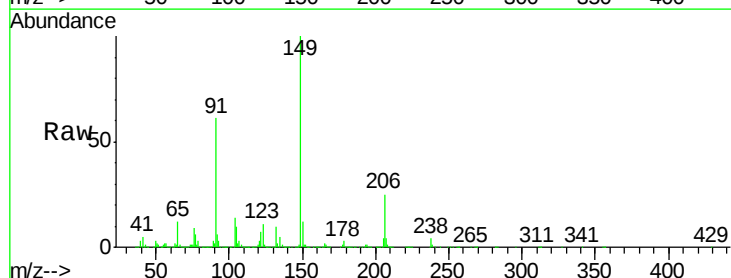
Tgt Ion:149 Resp: 2556845

Ion Ratio Lower Upper

149 100

91 61.3 53.9 80.9

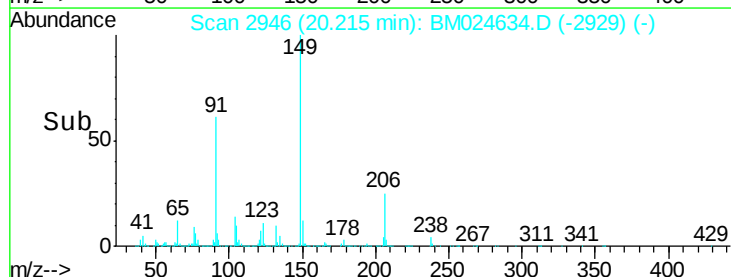
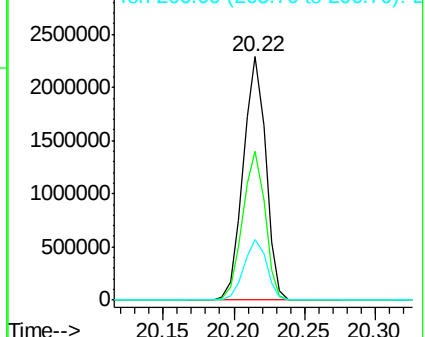
206 24.9 19.0 28.6

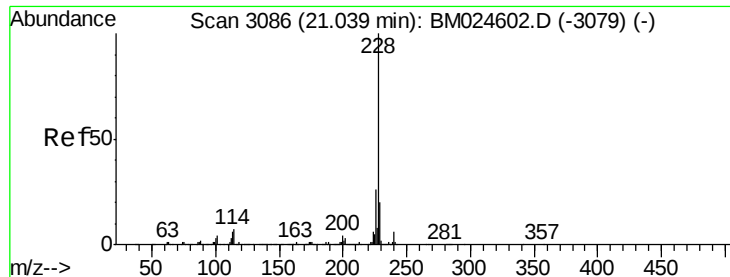


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.956 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

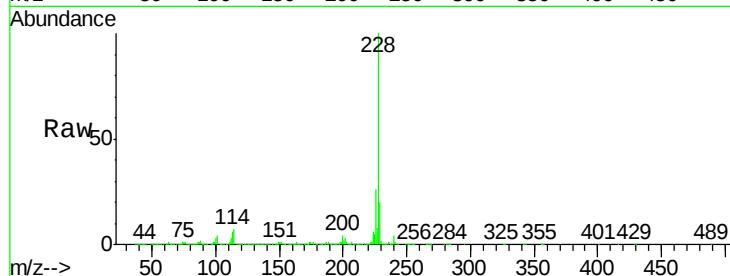
Tot Ion:228 Resp: 6303672

Ion Ratio Lower Upper

228 100

226 26.5 21.1 31.7

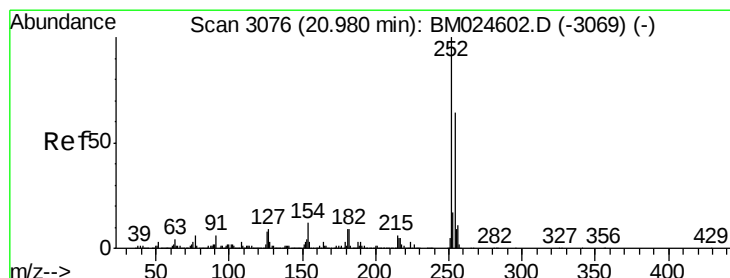
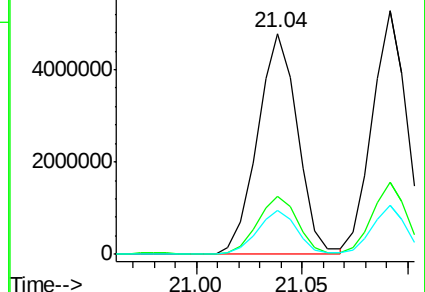
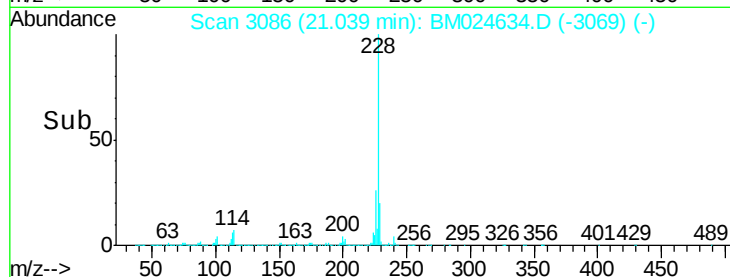
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.497 ng

RT: 20.98 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

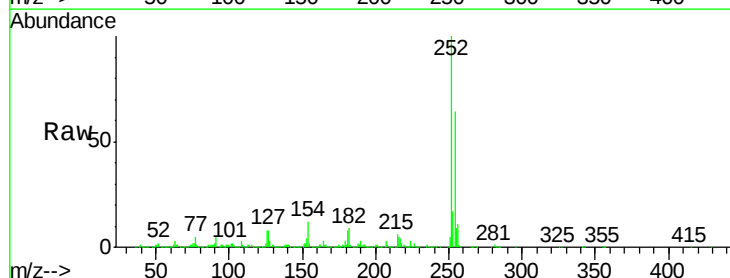
Tgt Ion:252 Resp: 2347117

Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

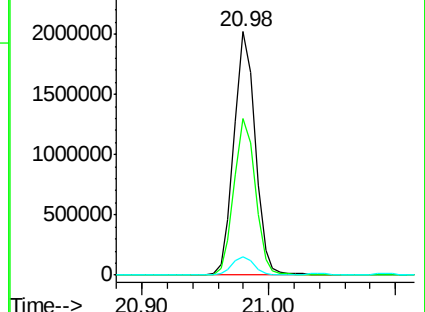
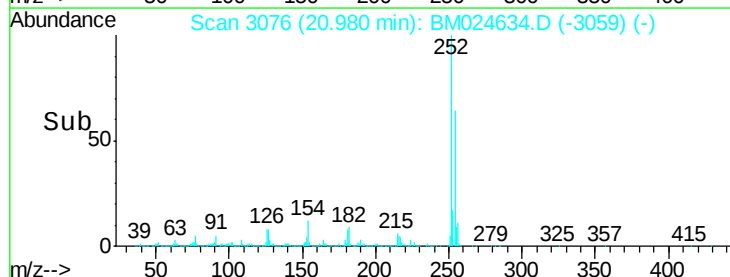
126 7.7 6.7 10.1

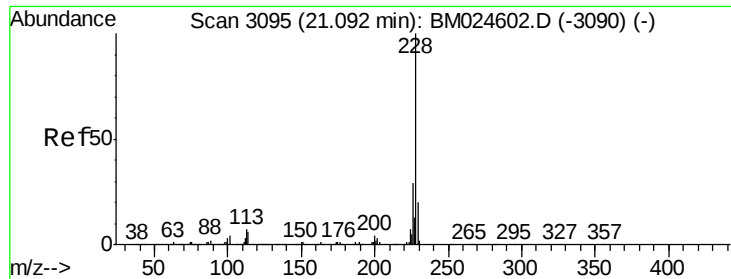


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 44.036 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

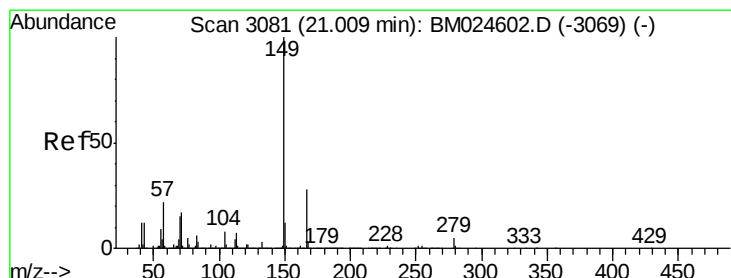
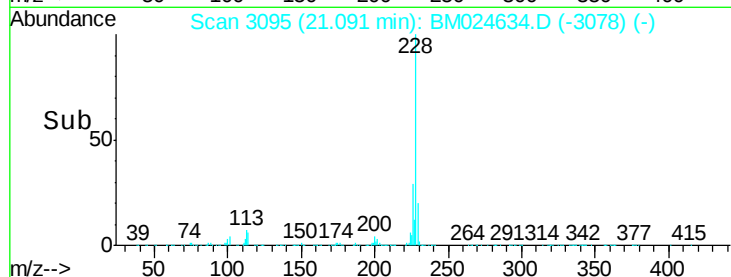
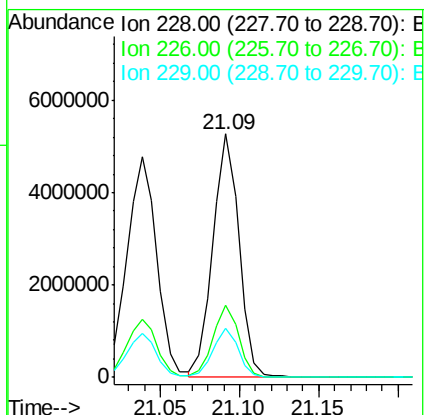
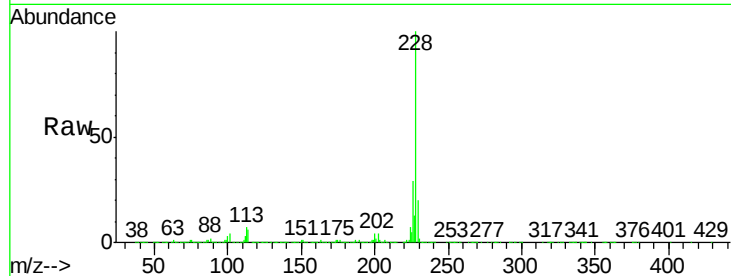
Tot Ion:228 Resp: 6026064

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.9	15.7	23.5

228 100

226 29.4 23.2 34.8

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.367 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

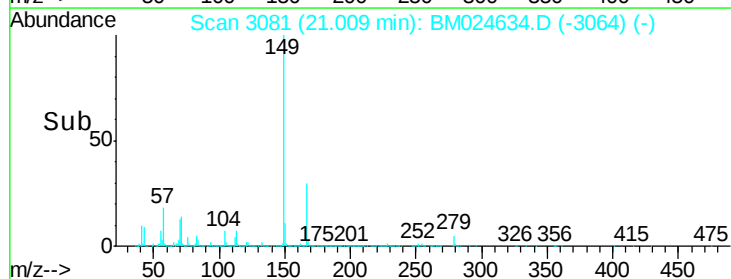
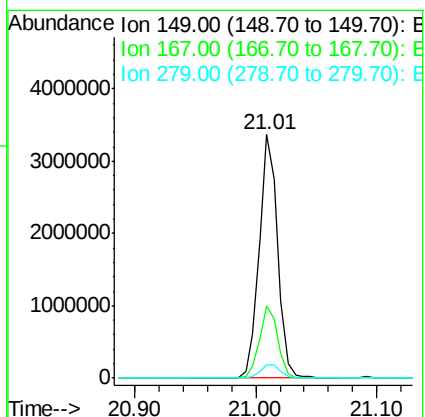
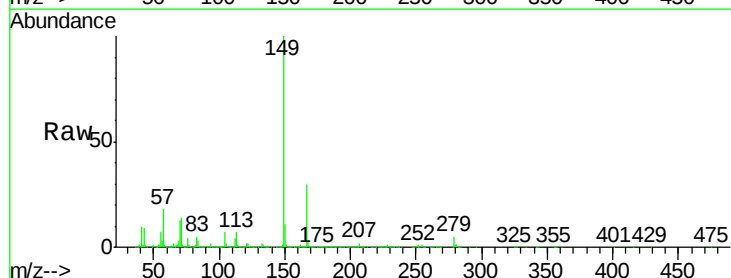
Tgt Ion:149 Resp: 3573076

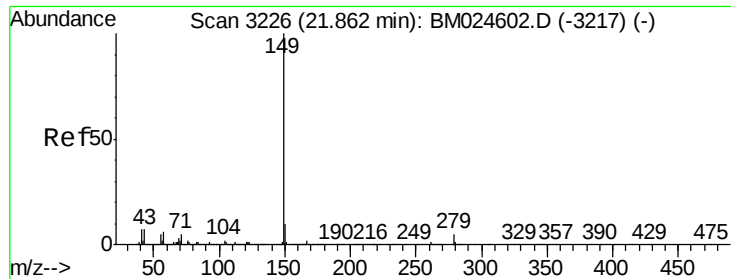
Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.5	33.7
279	5.4	4.0	6.0

149 100

167 29.8 22.5 33.7

279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 41.127 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

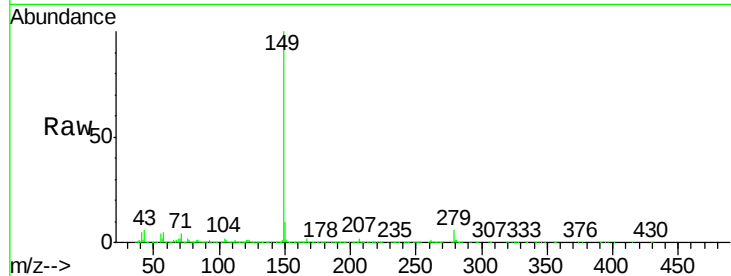
Tot Ion:149 Resp: 5730443

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

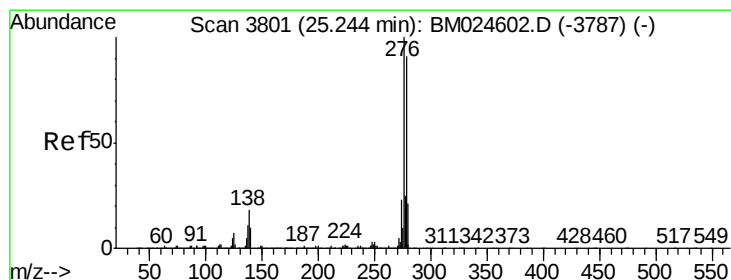
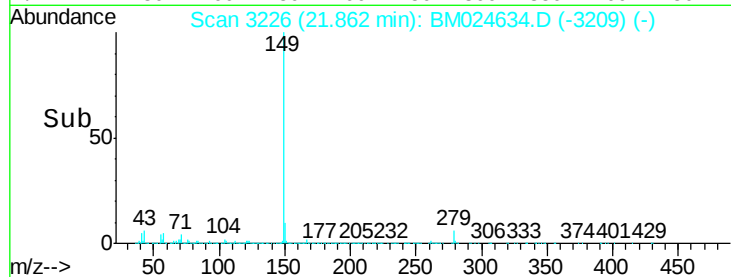
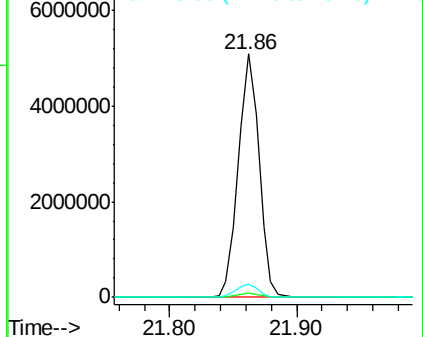
43 5.7 5.8 8.6#



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: 37.208 ng

RT: 25.24 min Scan# 3800

Delta R.T. -0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

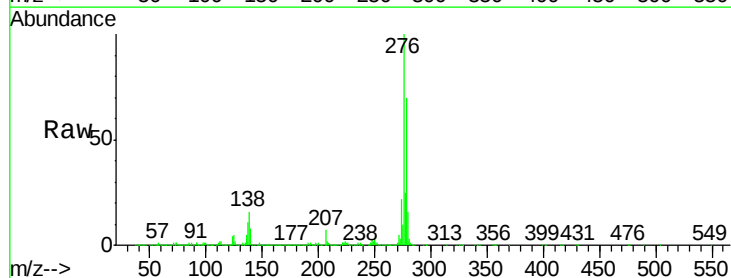
Tgt Ion:276 Resp: 5549572

Ion Ratio Lower Upper

276 100

138 16.2 13.4 20.0

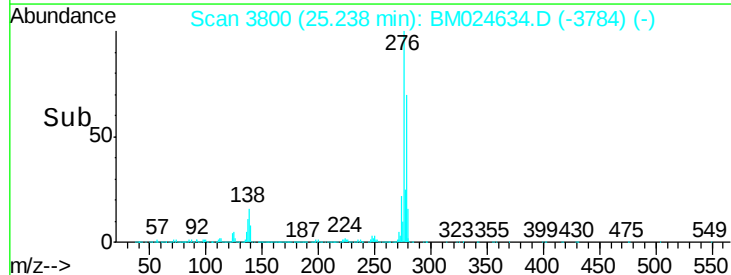
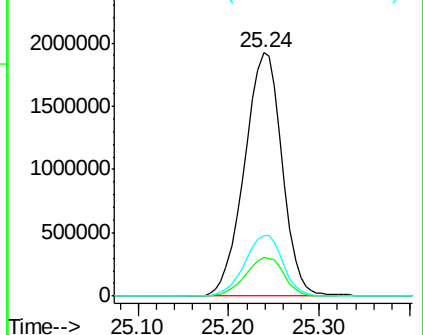
277 25.2 19.6 29.4

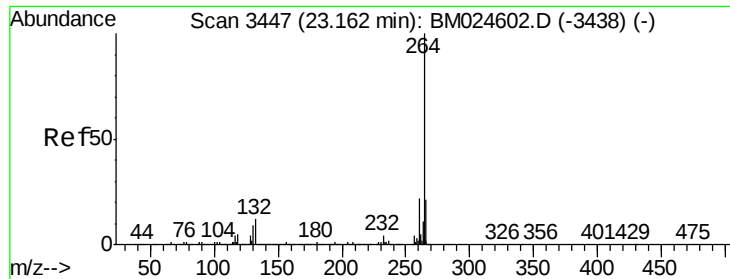


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.16 min Scan# 3447

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

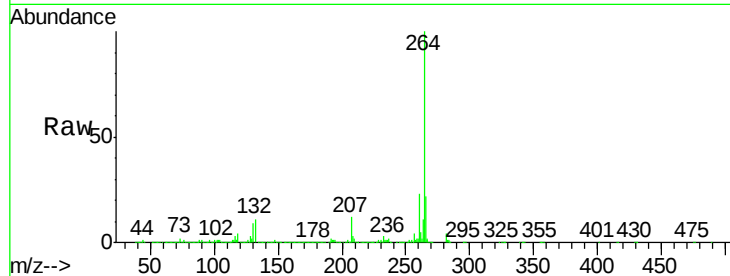
Instrument :

BNA_M

ClientSampled :

Tot Ion:264 Resp: 1964851

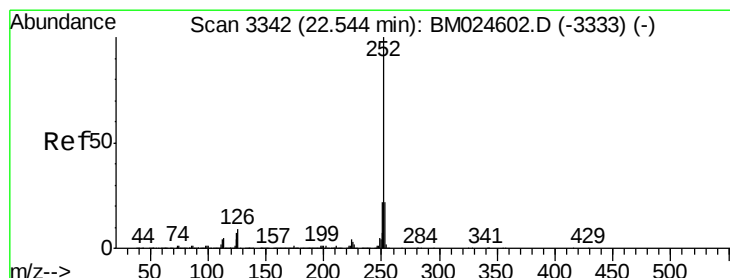
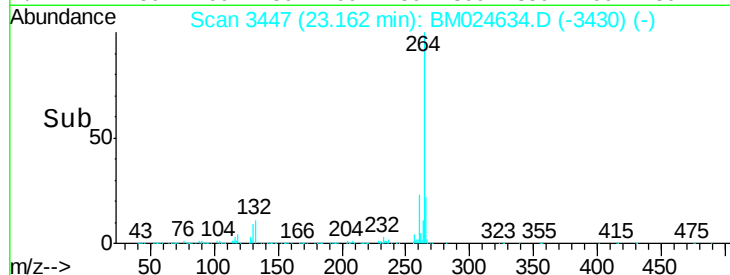
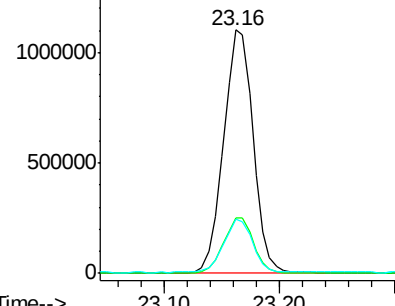
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	22.1	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

1500000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.677 ng

RT: 22.54 min Scan# 3342

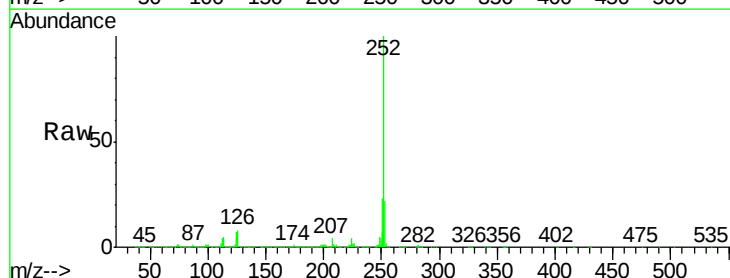
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:252 Resp: 5948328

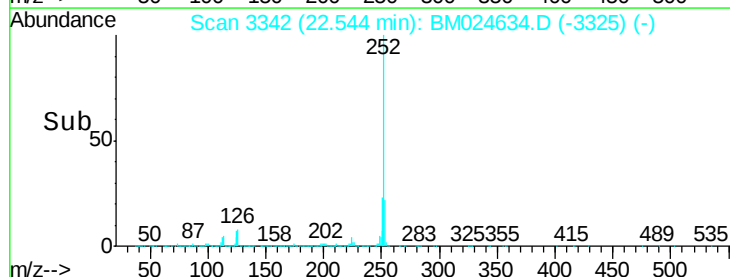
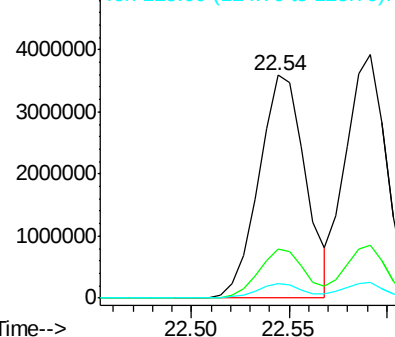
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.6	5.7	8.5

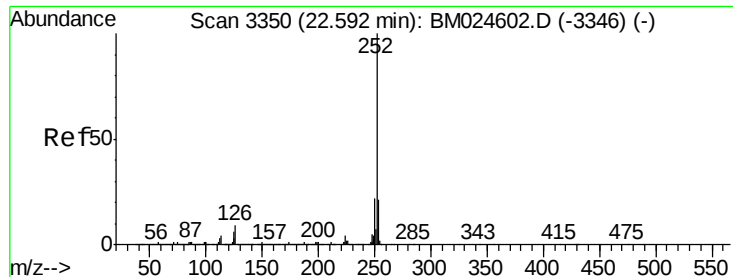


Abundance Ion 252.00 (251.70 to 252.70): E

5000000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.659 ng

RT: 22.59 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

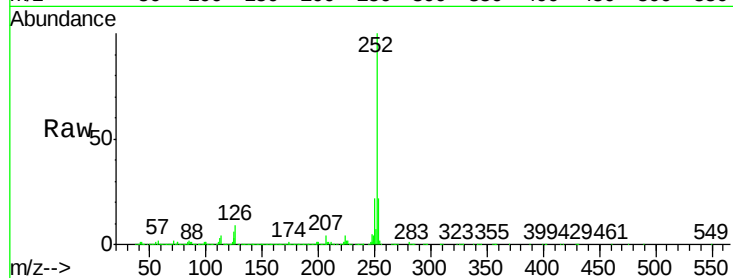
Tot Ion:252 Resp: 5679440

Ion Ratio Lower Upper

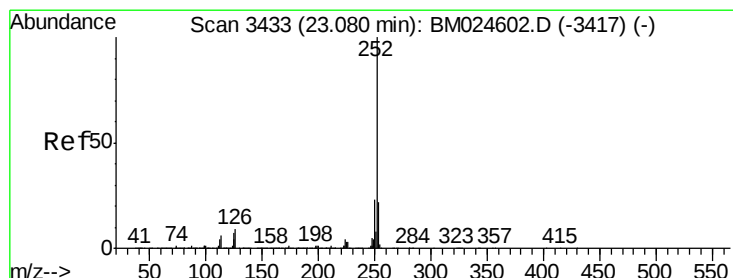
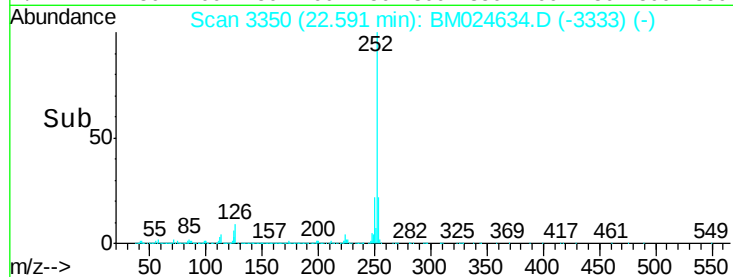
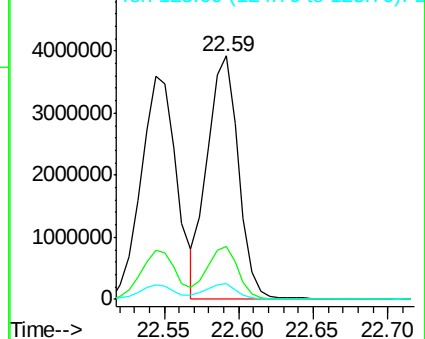
252 100

253 21.9 17.3 25.9

125 6.4 5.2 7.8



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



#90

Benzo(a)pyrene

Concen: 44.897 ng

RT: 23.08 min Scan# 3433

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

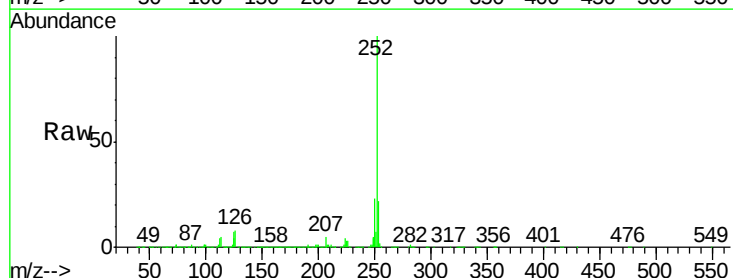
Tgt Ion:252 Resp: 5201861

Ion Ratio Lower Upper

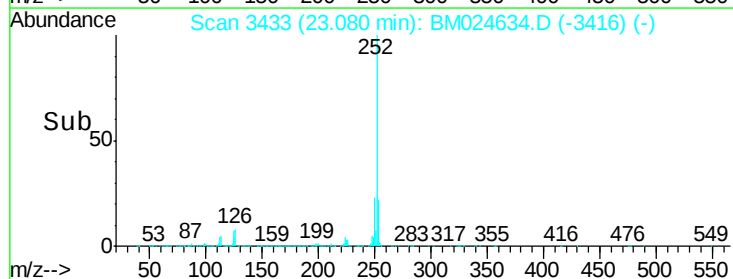
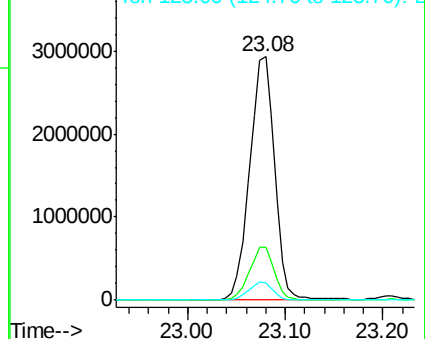
252 100

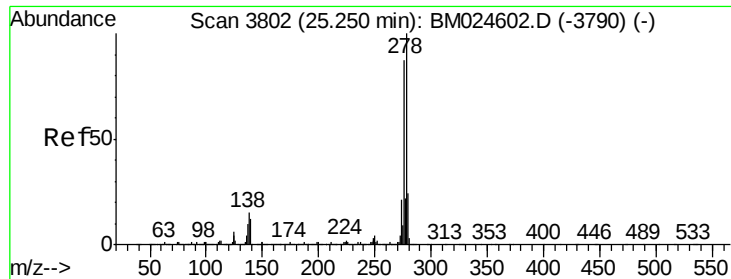
253 21.9 17.3 25.9

125 6.8 5.8 8.8



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





#91

Dibenzo(a,h)anthracene

Concen: 41.868 ng

RT: 25.25 min Scan# 3802

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

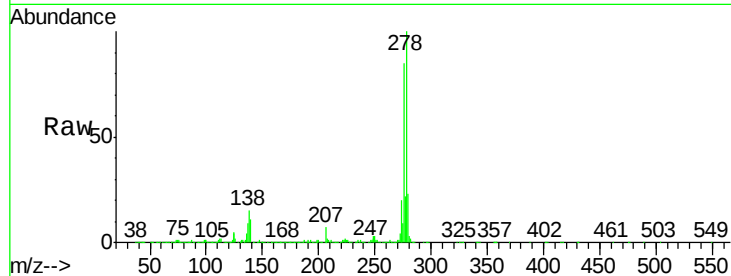
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 4604184

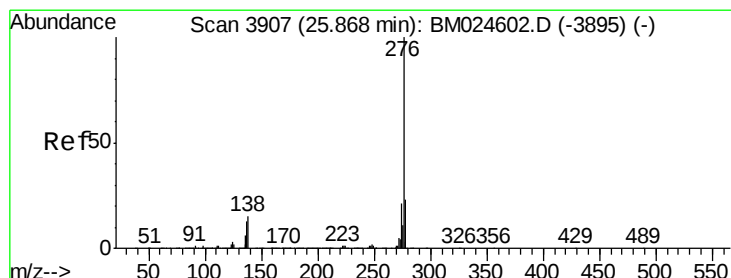
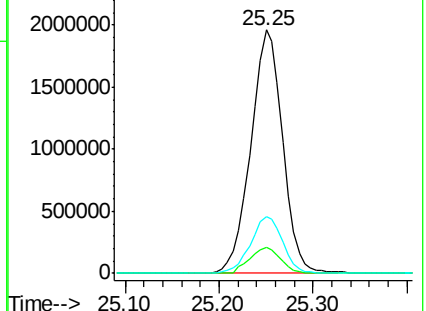
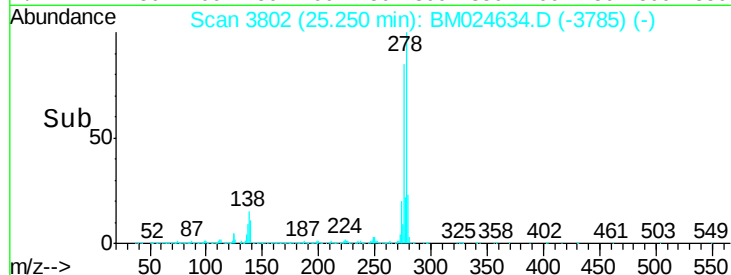
Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.3	13.9
279	23.4	18.9	28.3



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: 43.873 ng

RT: 25.87 min Scan# 3907

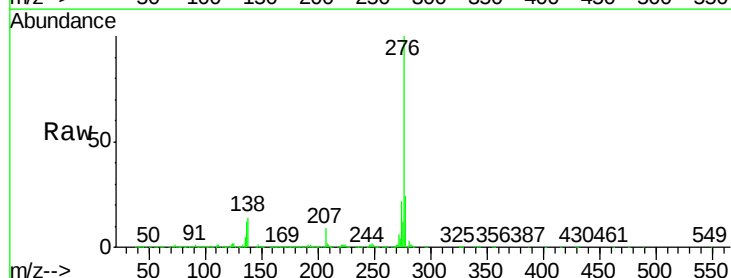
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:276 Resp: 4380880

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	13.5	11.9	17.9



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

