

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020109.D
 Acq On : 03 May 2019 13:28
 Operator : JU/SJ
 Sample : PB119431BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 04 03:48:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	182432	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	681637	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	402394	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	897312	20.00	ng	0.00
76) Chrysene-d12	21.36	240	754674	20.00	ng	-0.01
87) Perylene-d12	23.64	264	604088	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1557457	139.55	ng	0.00
7) Phenol-d6	6.96	99	2084271	136.70	ng	0.00
23) Nitrobenzene-d5	8.96	82	1298986	75.24	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	838449	134.24	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2546846	77.87	ng	0.00
79) Terphenyl-d14	19.80	244	3713772	85.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	167954	30.683	ng	95
3) Pyridine	3.70	79	426948	30.498	ng	99
4) n-Nitrosodimethylamine	3.62	42	170665	38.017	ng	80
6) Aniline	7.13	93	586609	30.563	ng	98
8) 2-Chlorophenol	7.35	128	473821	38.990	ng	98
9) Benzaldehyde	6.94	77	239201	20.728	ng	97
10) Phenol	6.98	94	639892	38.985	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	447085	37.476	ng	98
12) 1,3-Dichlorobenzene	7.67	146	509695	36.049	ng	97
13) 1,4-Dichlorobenzene	7.82	146	524712	36.736	ng	95
14) 1,2-Dichlorobenzene	8.14	146	506153	37.195	ng	97
15) Benzyl Alcohol	8.03	79	544614	37.043	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	340294	34.400	ng	97
17) 2-Methylphenol	8.22	107	410652	38.865	ng	97
18) Hexachloroethane	8.86	117	213005	35.766	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	468930	35.948	ng	96
20) 3+4-Methylphenols	8.55	107	538843	38.371	ng	98
22) Acetophenone	8.62	105	759338	40.761	ng	# 97
24) Nitrobenzene	9.00	77	678529	37.904	ng	98
25) Isophorone	9.52	82	1140487	38.305	ng	99
26) 2-Nitrophenol	9.70	139	230873	42.719	ng	99
27) 2,4-Dimethylphenol	9.75	122	416305	46.269	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	629389	38.813	ng	99
29) 2,4-Dichlorophenol	10.23	162	469618	41.392	ng	97
30) 1,2,4-Trichlorobenzene	10.44	180	555927	39.822	ng	97
31) Naphthalene	10.63	128	1375929	38.898	ng	99
32) Benzoic acid	9.89	122	240871	39.055	ng	94
33) 4-Chloroaniline	10.75	127	328720	22.579	ng	96
34) Hexachlorobutadiene	10.90	225	379730	38.452	ng	95
35) Caprolactam	11.54	113	77625	22.882	ng	91
36) 4-Chloro-3-methylphenol	11.86	107	500826	37.564	ng	98
37) 2-Methylnaphthalene	12.25	142	1024465	39.727	ng	98
38) 1-Methylnaphthalene	12.46	142	964252	38.238	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	665046	42.243	ng	99

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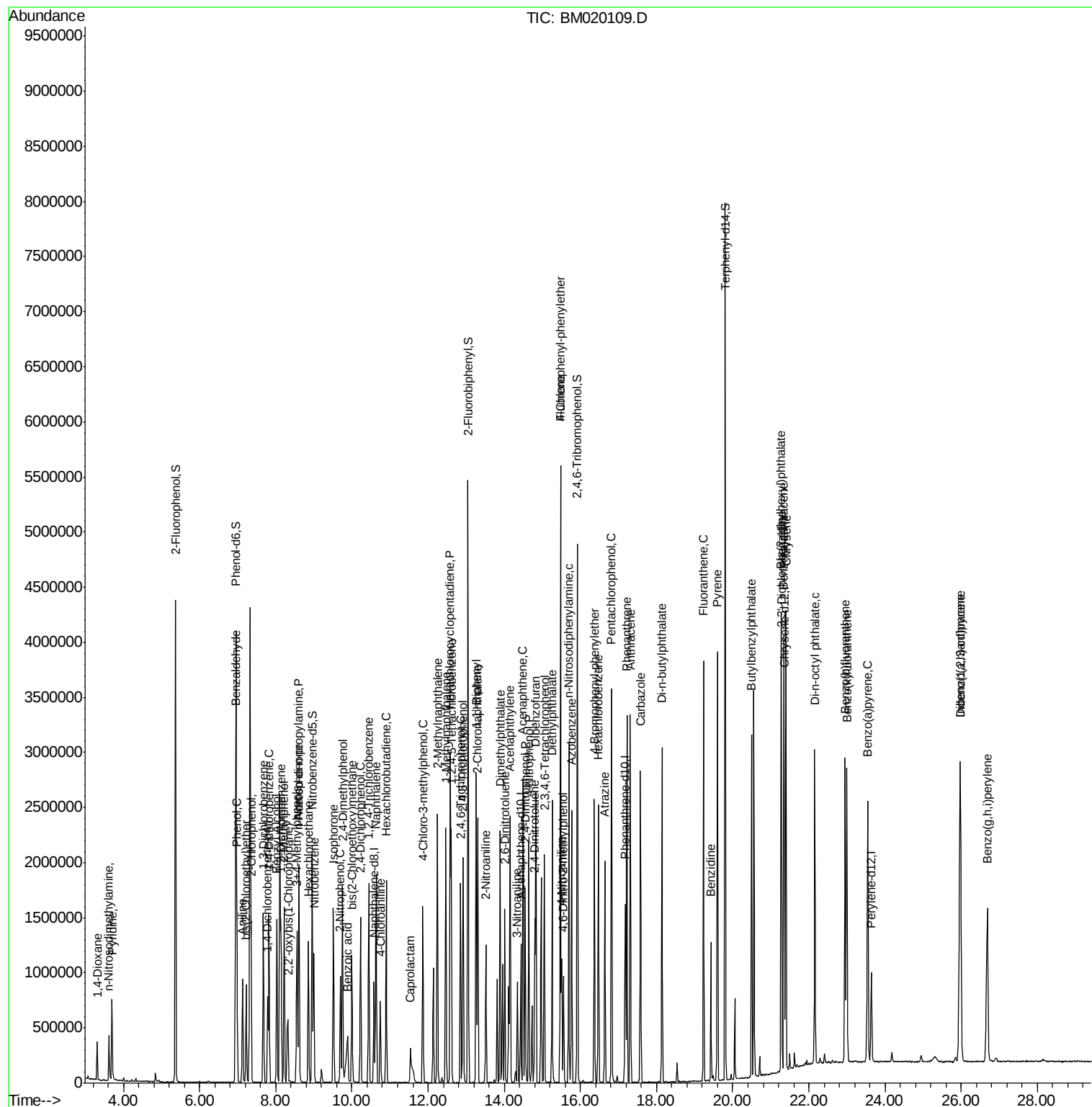
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	804583	86.798	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	395751	44.231	ng	97
44) 2,4,5-Trichlorophenol	12.92	196	425051	42.525	ng	96
46) 1,1'-Biphenyl	13.26	154	1330519	40.172	ng	99
47) 2-Chloronaphthalene	13.30	162	1068697	40.413	ng	99
48) 2-Nitroaniline	13.52	65	357916	38.017	ng	95
49) Acenaphthylene	14.15	152	1610498	38.054	ng	99
50) Dimethylphthalate	13.89	163	1279606	37.415	ng	99
51) 2,6-Dinitrotoluene	14.02	165	276355	38.365	ng	94
52) Acenaphthene	14.50	154	941884	38.809	ng	98
53) 3-Nitroaniline	14.34	138	173357	25.930	ng	97
54) 2,4-Dinitrophenol	14.55	184	323965	88.751	ng	95
55) Dibenzofuran	14.83	168	1565214	38.235	ng	98
56) 4-Nitrophenol	14.64	139	423968	74.326	ng	96
57) 2,4-Dinitrotoluene	14.80	165	369903	37.792	ng	94
58) Fluorene	15.48	166	1264338	37.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	389497	41.006	ng	97
60) Diethylphthalate	15.26	149	1254544	36.410	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	736736	38.675	ng	97
62) 4-Nitroaniline	15.51	138	243567	33.012	ng	97
63) Azobenzene	15.77	77	1459627	35.908	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	188612	42.605	ng	100
66) n-Nitrosodiphenylamine	15.69	169	1087080	41.171	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	447857	40.702	ng	97
68) Hexachlorobenzene	16.47	284	504435	39.838	ng	97
69) Atrazine	16.64	200	378989	36.729	ng	99
70) Pentachlorophenol	16.82	266	619518	85.513	ng	97
71) Phenanthrene	17.22	178	1912732	38.616	ng	99
72) Anthracene	17.31	178	1930331	38.978	ng	99
73) Carbazole	17.58	167	1627472	36.420	ng	98
74) Di-n-butylphthalate	18.14	149	1946905	36.203	ng	98
75) Fluoranthene	19.23	202	2211932	35.294	ng	99
77) Benzidine	19.43	184	626632	25.972	ng	99
78) Pyrene	19.60	202	2218706	43.789	ng	100
80) Butylbenzylphthalate	20.50	149	781895	42.435	ng	99
81) Benzo(a)anthracene	21.34	228	1995424	37.703	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	698840	34.596	ng	100
83) Chrysene	21.40	228	1973554	38.450	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	1094421	38.278	ng	100
85) Di-n-octyl phthalate	22.16	149	1749483	36.815	ng	99
86) Indeno(1,2,3-cd)pyrene	25.97	276	2169015	35.526	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	1958343	49.093	ng	100
89) Benzo(k)fluoranthene	23.00	252	1876156	51.560	ng	99
90) Benzo(a)pyrene	23.54	252	1830858	50.529	ng	99
91) Dibenzo(a,h)anthracene	25.98	278	1865577	49.509	ng	99
92) Benzo(g,h,i)perylene	26.69	276	1793706	50.139	ng	98

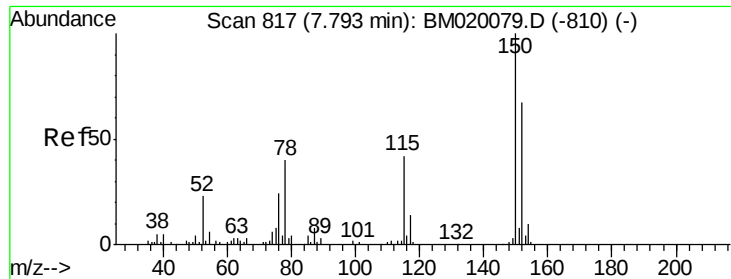
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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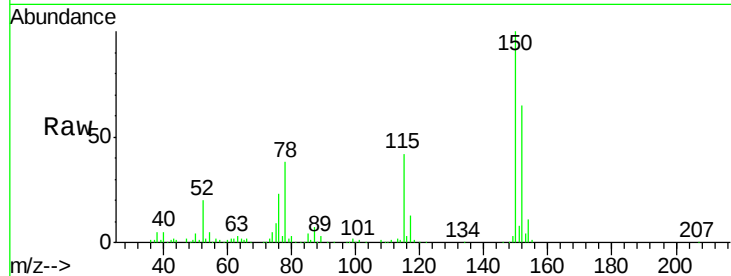


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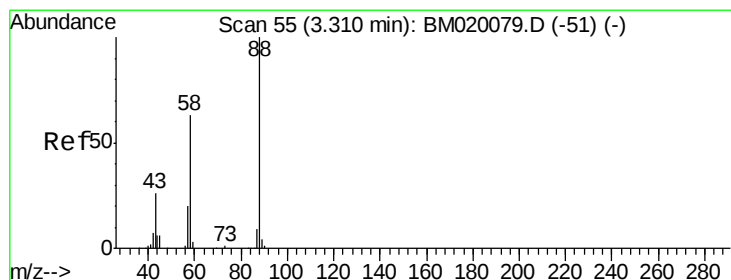
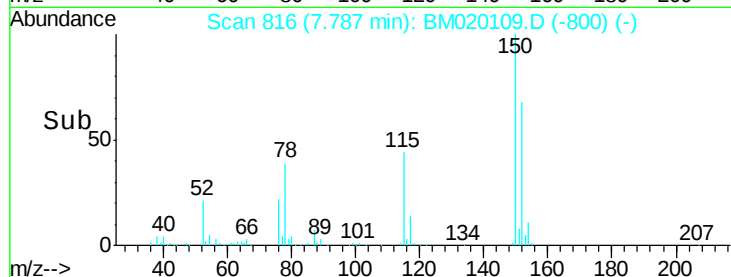
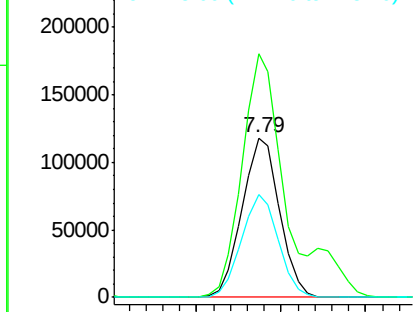
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 182432
Ion Ratio Lower Upper
152 100
150 153.0 119.8 179.8
115 64.9 50.8 76.2



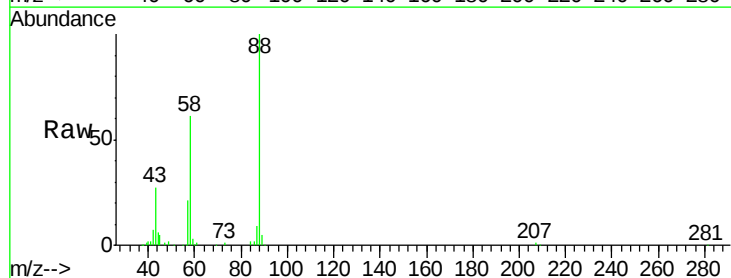
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



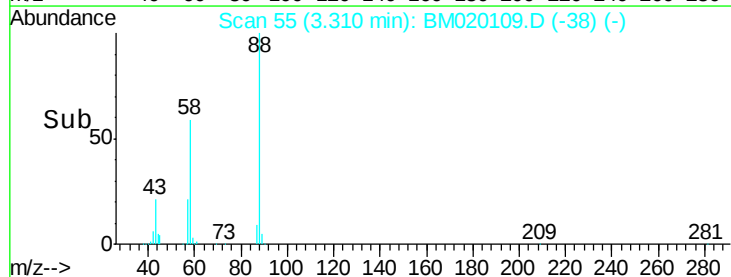
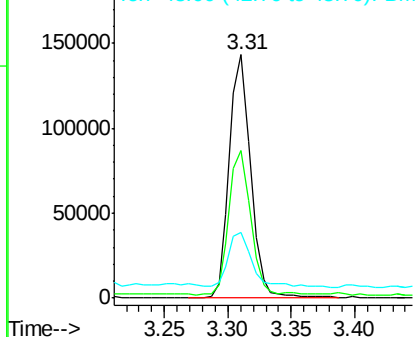
#2

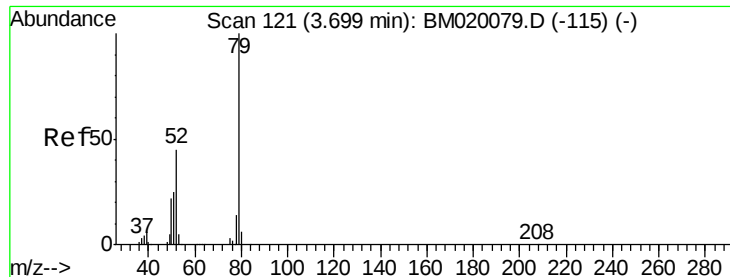
1,4-Dioxane
Concen: 30.683 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion: 88 Resp: 167954
Ion Ratio Lower Upper
88 100
58 60.0 51.8 77.6
43 26.0 20.3 30.5



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





#3

Pvridine

Concen: 30.498 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

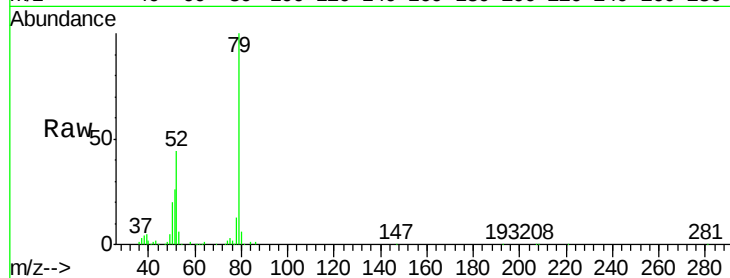
Tot Ion: 79 Resp: 426948

Ion Ratio Lower Upper

79 100

52 43.8 35.7 53.5

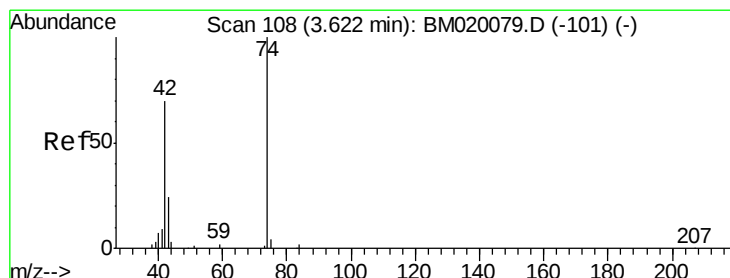
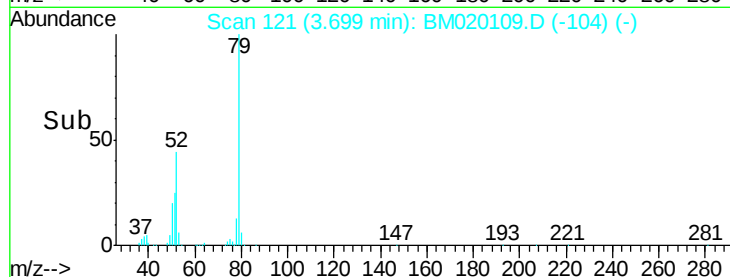
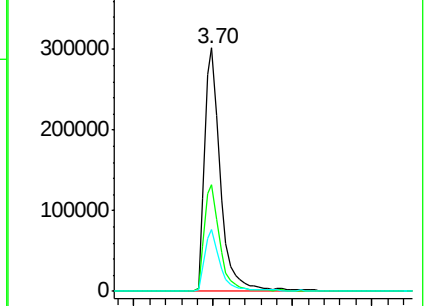
51 25.5 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020109.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020109.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020109.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 38.017 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

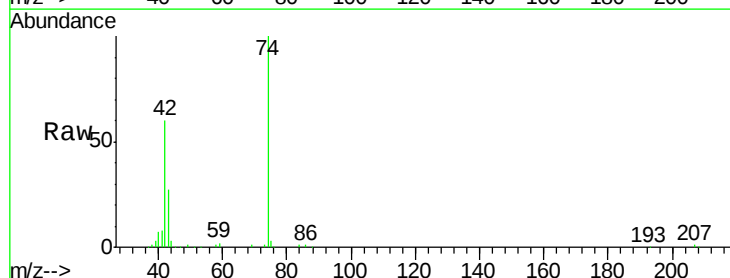
Tgt Ion: 42 Resp: 170665

Ion Ratio Lower Upper

42 100

74 167.6 113.7 170.5

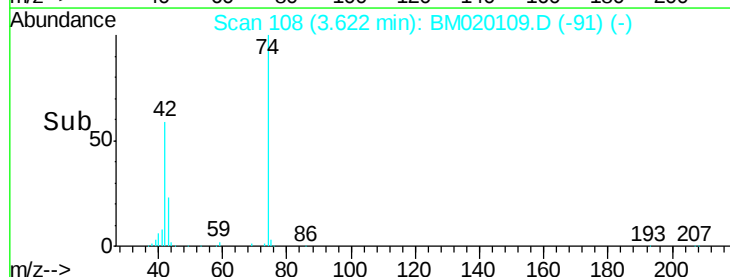
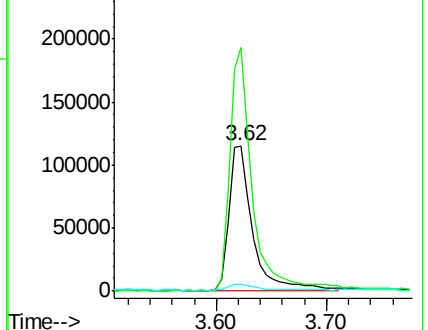
44 5.0 3.9 5.9

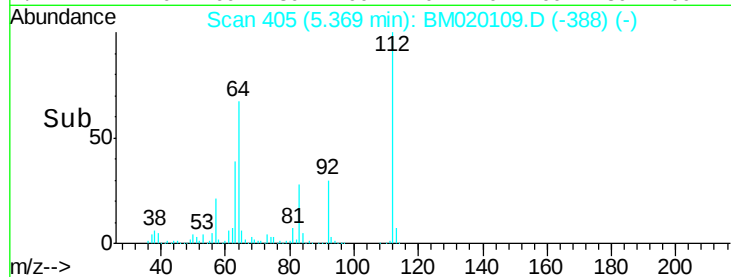
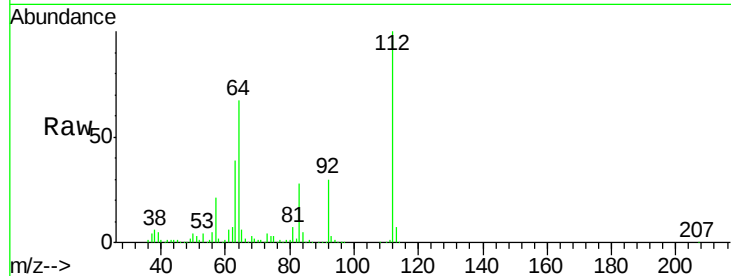


Abundance Ion 42.00 (41.70 to 42.70): BM020109.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020109.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020109.D (-101) (-)





#5

2-Fluorophenol

Concen: 139.548 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampled :

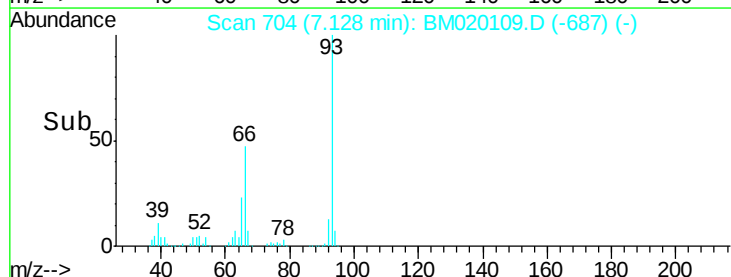
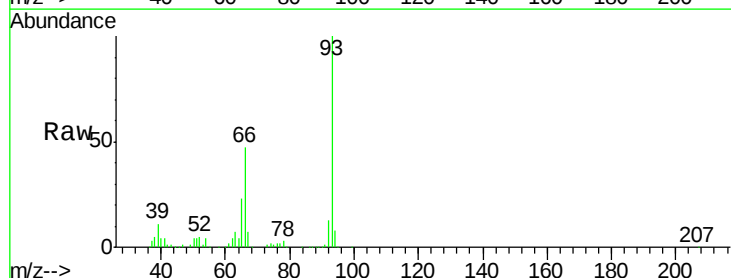
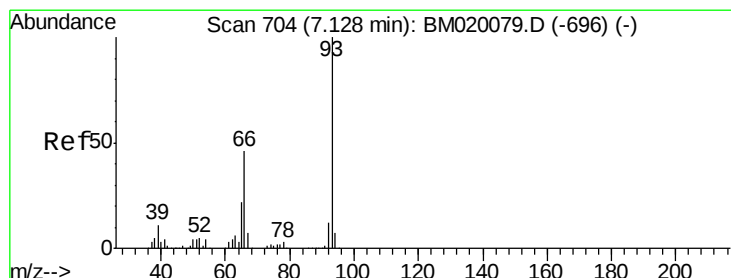
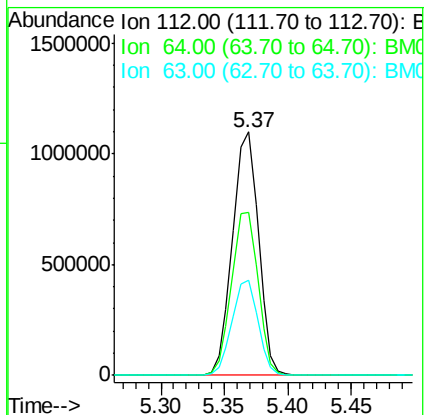
Tot Ion:112 Resp: 1557457

Ion Ratio Lower Upper

112 100

64 67.0 53.8 80.6

63 38.9 32.3 48.5



#6

Aniline

Concen: 30.563 ng

RT: 7.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

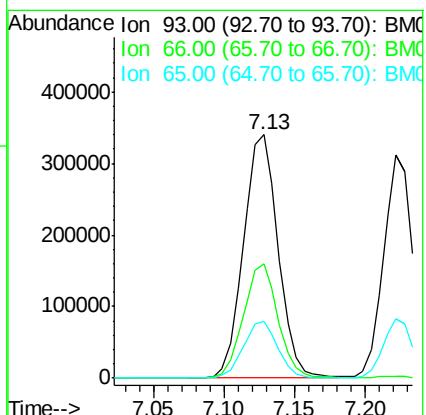
Tgt Ion: 93 Resp: 586609

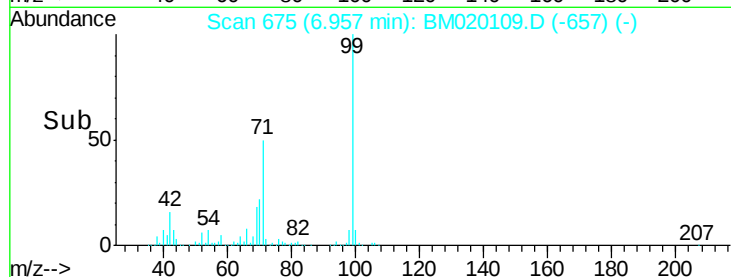
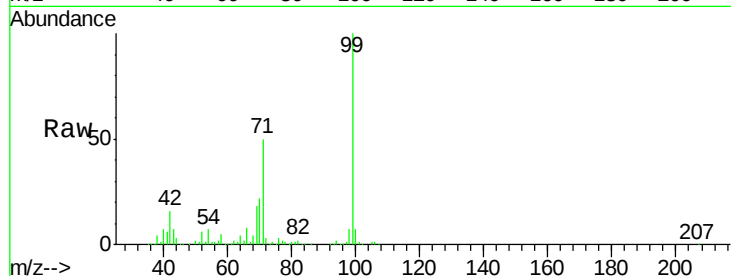
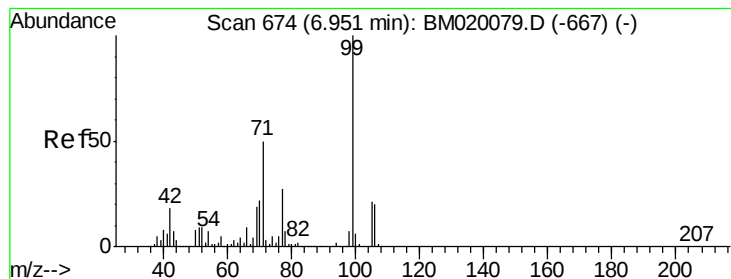
Ion Ratio Lower Upper

93 100

66 46.8 36.6 54.8

65 23.1 17.8 26.6





#7

Phenol-d6

Concen: 136.700 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

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BNA_M

ClientSampled :

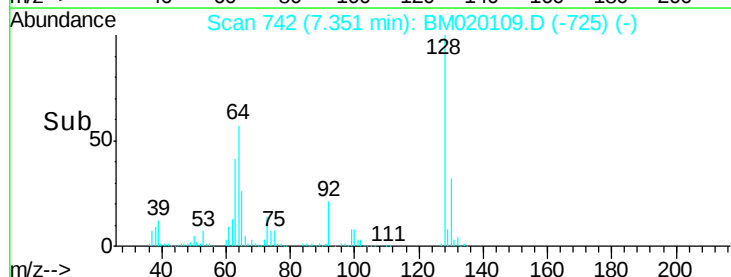
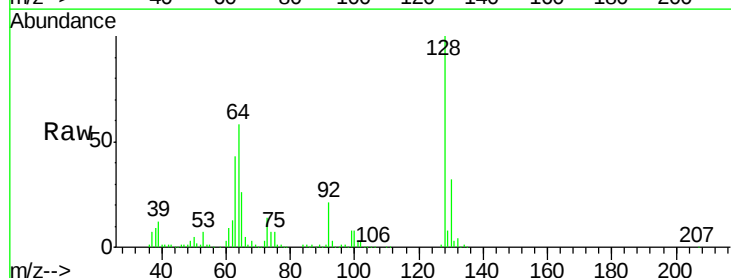
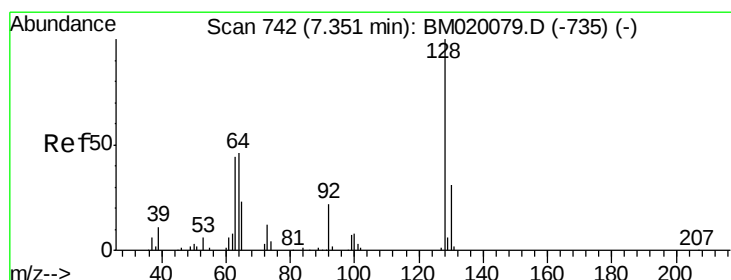
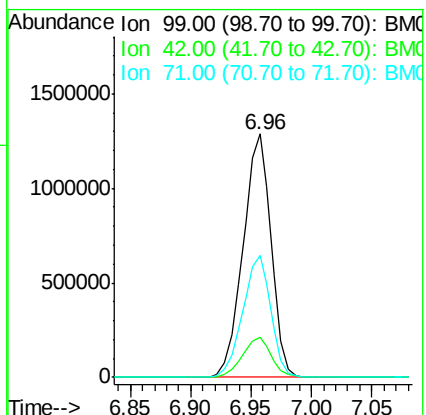
Tot Ion: 99 Resp: 2084271

Ion Ratio Lower Upper

99 100

42 16.4 14.2 21.2

71 49.9 40.3 60.5



#8

2-Chlorophenol

Concen: 38.990 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

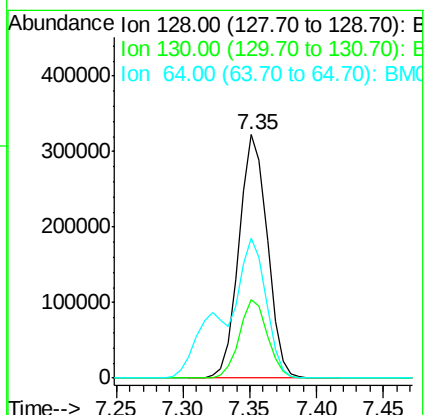
Tgt Ion: 128 Resp: 473821

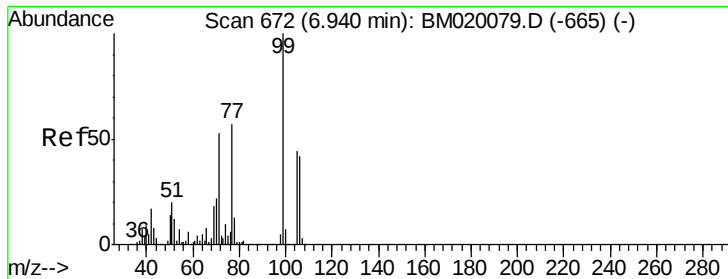
Ion Ratio Lower Upper

128 100

130 32.2 10.8 50.8

64 57.5 36.5 76.5





#9

Benzaldehyde

Concen: 20.728 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

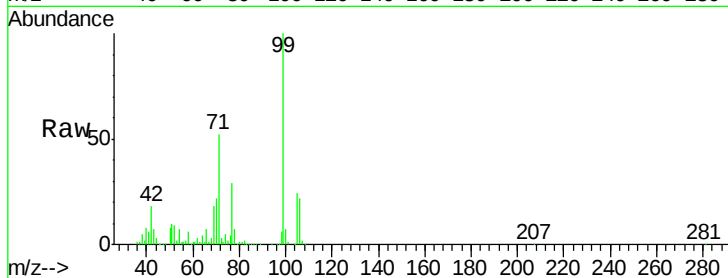
Tot Ion: 77 Resp: 239201

Ion Ratio Lower Upper

77 100

105 81.0 57.8 97.8

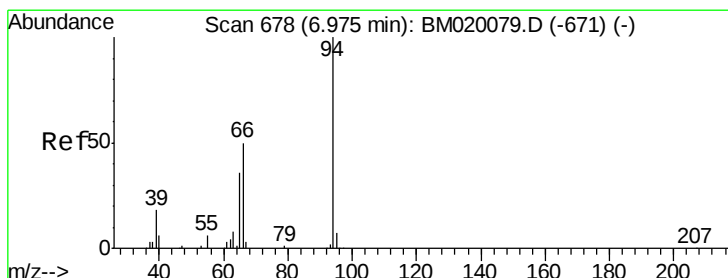
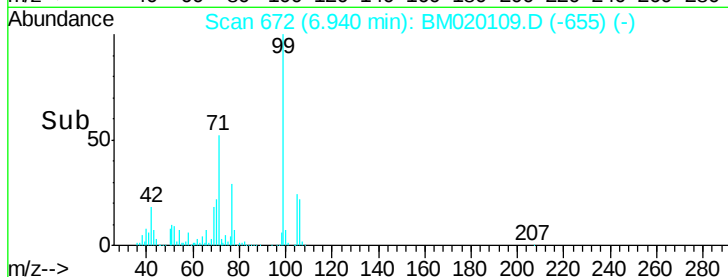
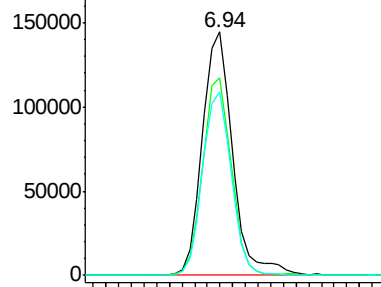
106 75.2 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020109.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020109.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020109.D (-655) (-)



#10

Phenol

Concen: 38.985 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

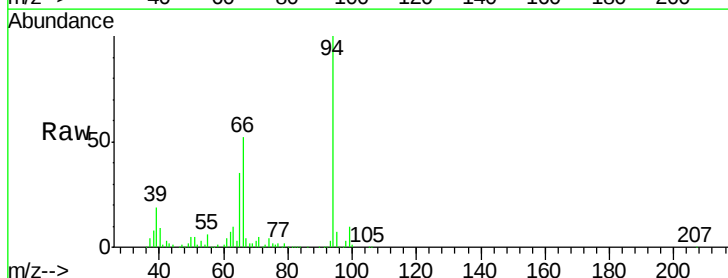
Tgt Ion: 94 Resp: 639892

Ion Ratio Lower Upper

94 100

65 35.5 17.0 57.0

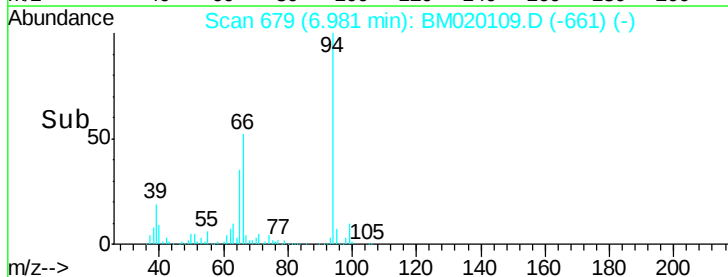
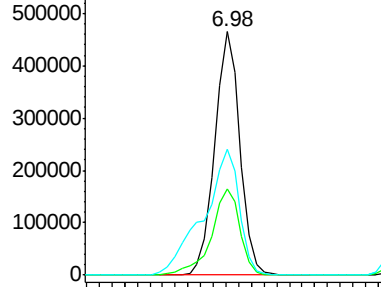
66 51.8 34.5 74.5

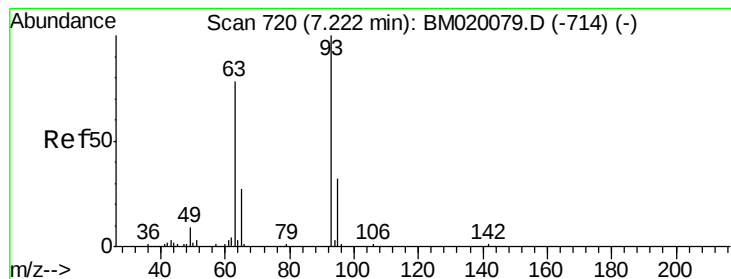


Abundance Ion 94.00 (93.70 to 94.70): BM020109.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020109.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020109.D (-661) (-)

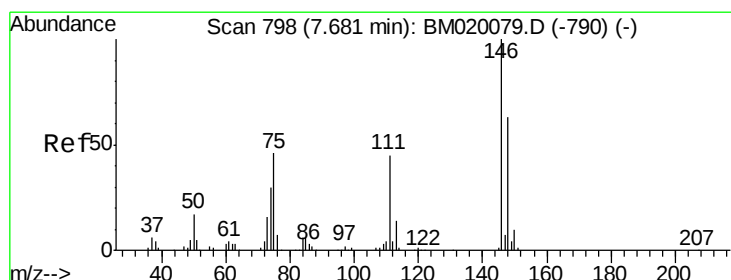
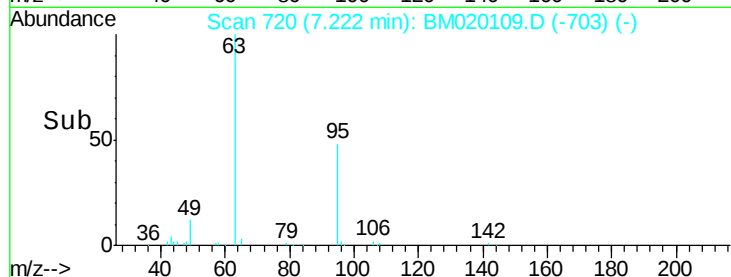
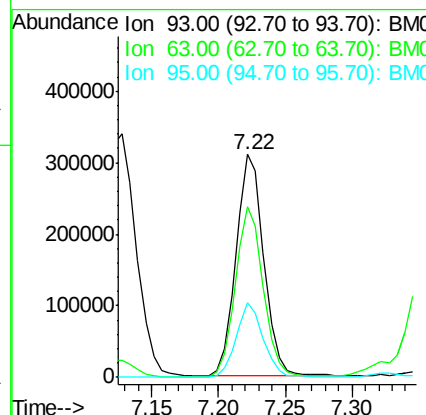
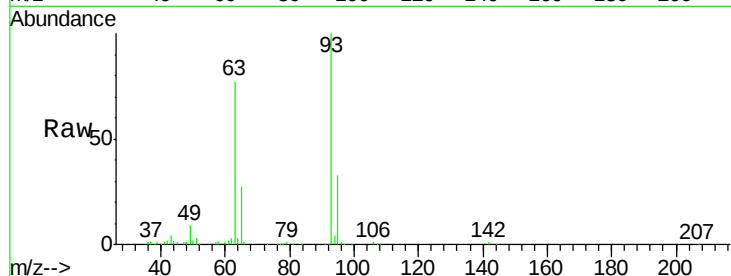




#11
bis(2-Chloroethyl)ether
Concen: 37.476 ng
RT: 7.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

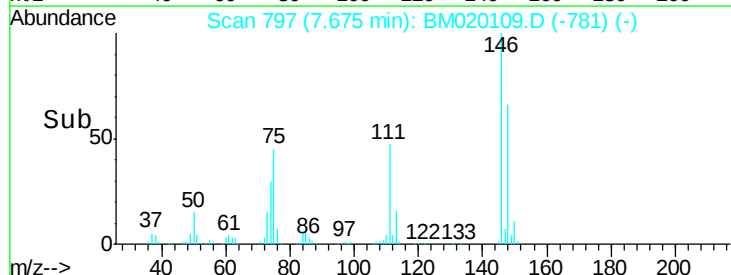
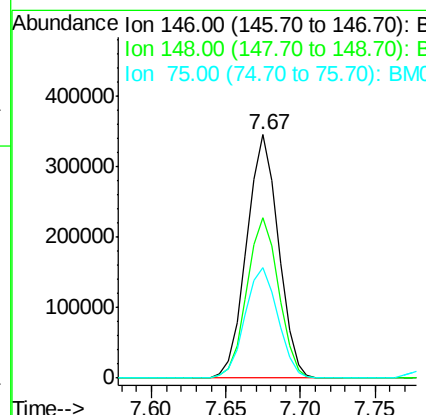
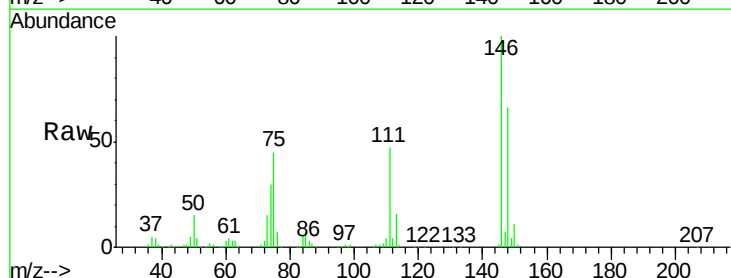
Instrument :
BNA_M
ClientSampled :

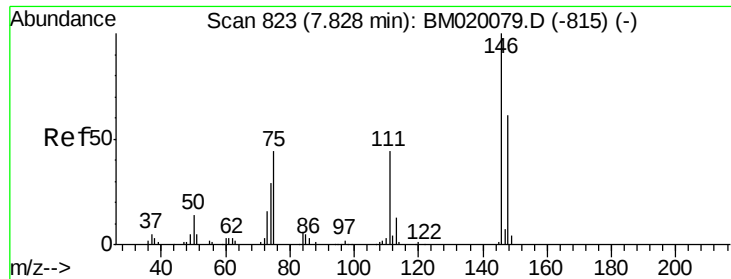
Tot Ion	93	Resp	447085
Ion Ratio	100	Lower	Upper
63	76.8	57.9	97.9
95	33.5	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 36.049 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion	146	Resp	509695
Ion Ratio	100	Lower	Upper
148	65.7	50.1	75.1
75	45.4	37.2	55.8

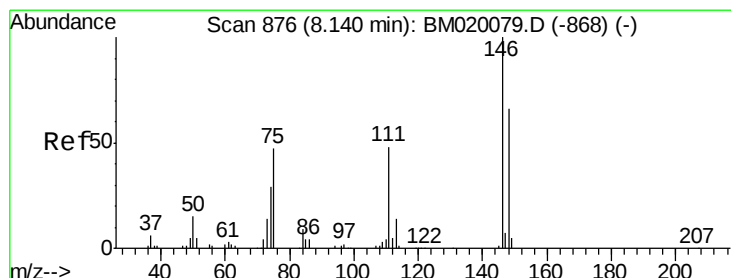
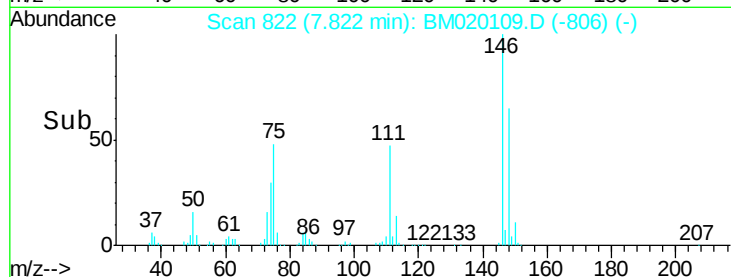
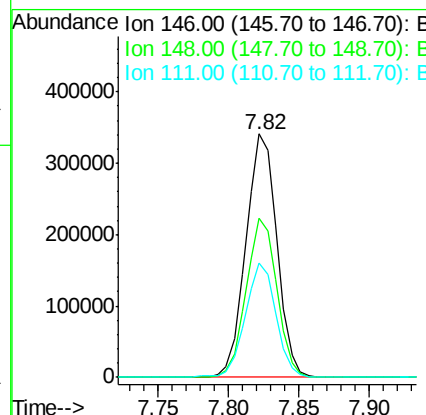
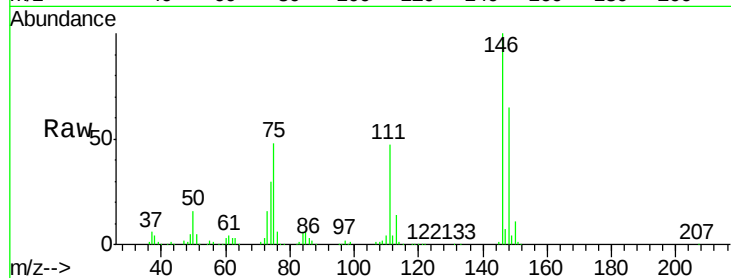




#13
 1,4-Dichlorobenzene
 Concen: 36.736 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

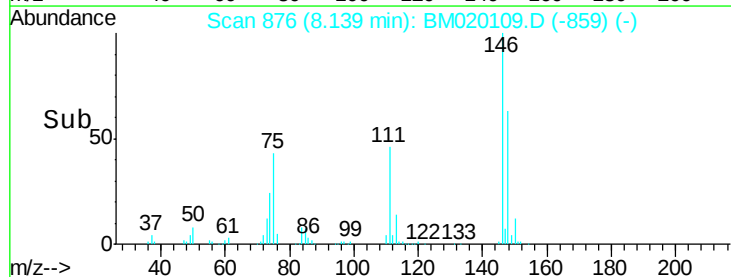
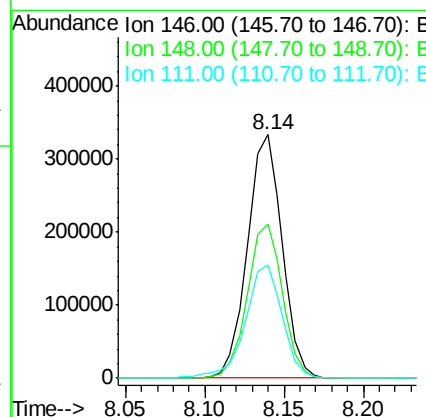
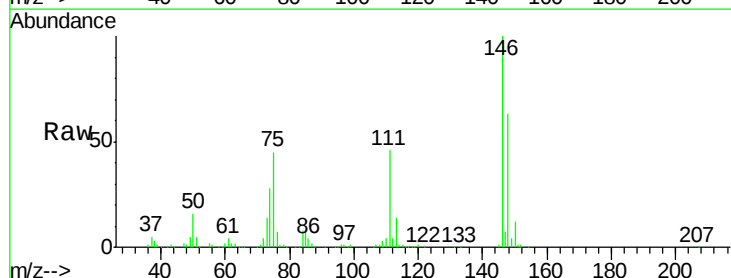
Instrument :
 BNA_M
 ClientSampled :

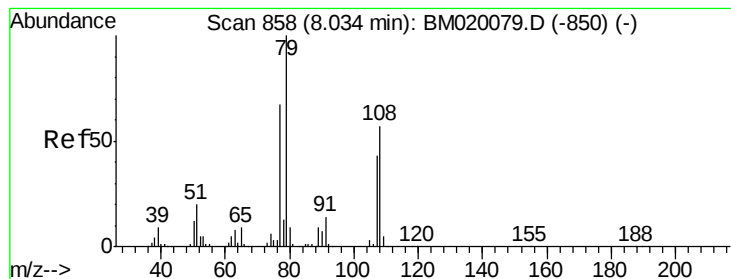
Tot Ion:146 Resp: 524712
 Ion Ratio Lower Upper
 146 100
 148 65.4 48.5 72.7
 111 46.8 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 37.195 ng
 RT: 8.14 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:146 Resp: 506153
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.6 79.0
 111 46.4 39.0 58.4





#15

Benzyl Alcohol

Concen: 37.043 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampled :

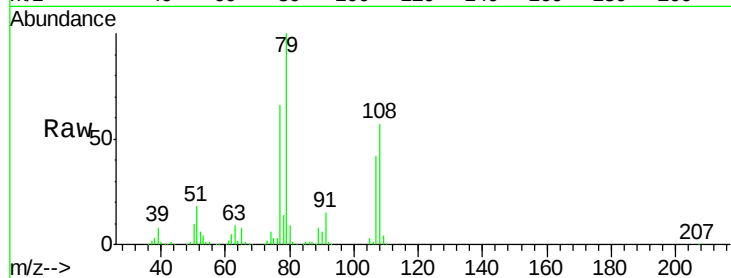
Tot Ion: 79 Resp: 544614

Ion Ratio Lower Upper

79 100

108 57.0 46.0 69.0

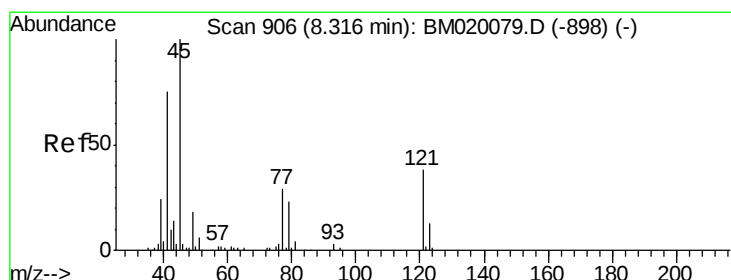
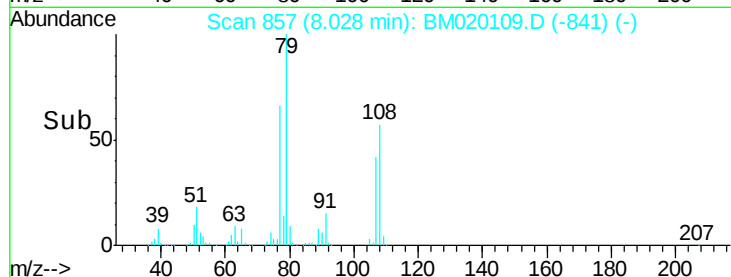
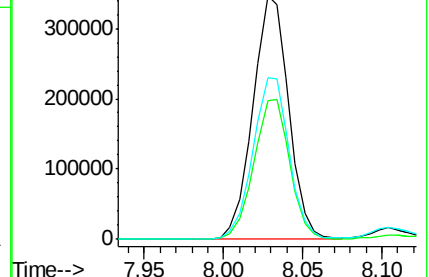
77 66.4 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-850) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.400 ng

RT: 8.32 min Scan# 906

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

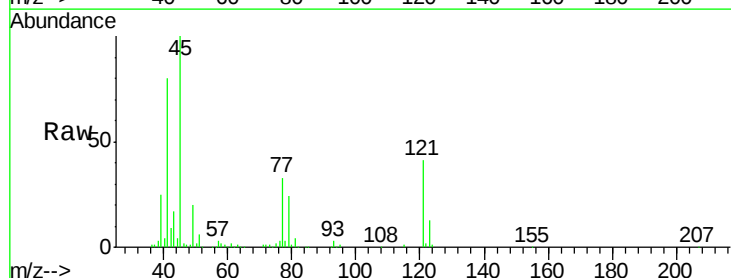
Tgt Ion: 45 Resp: 340294

Ion Ratio Lower Upper

45 100

77 33.0 10.5 50.5

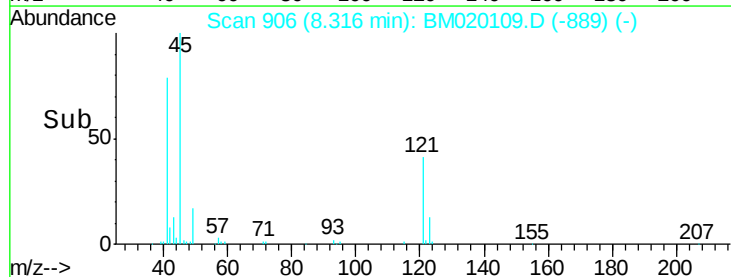
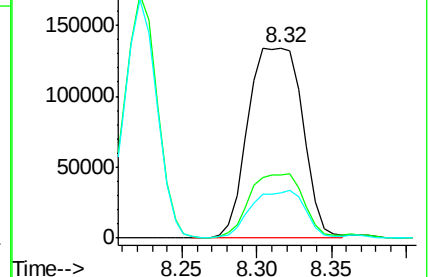
79 24.1 3.3 43.3

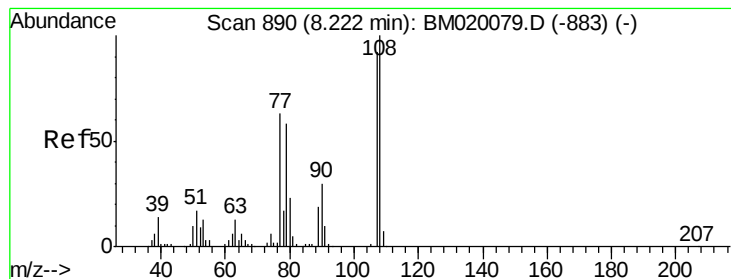


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-898) (-)





#17

2-Methylphenol

Concen: 38.865 ng

RT: 8.22 min Scan# 890

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 410652

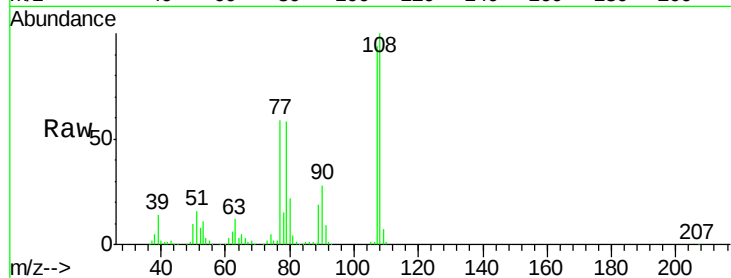
Ion Ratio Lower Upper

107 100

108 106.7 87.0 130.4

77 62.8 54.7 82.1

79 61.4 50.1 75.1

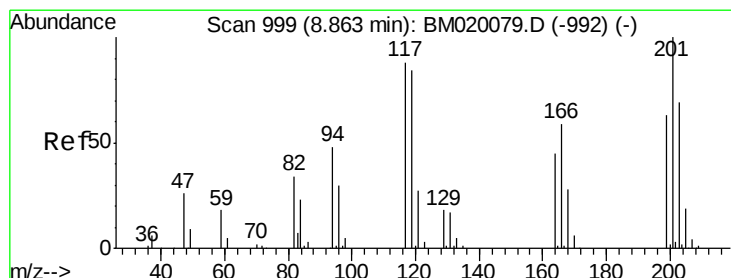
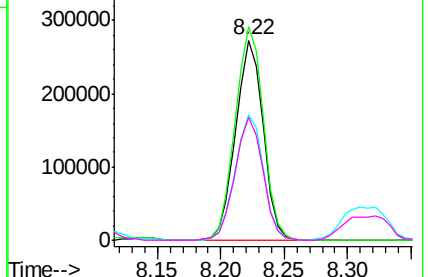
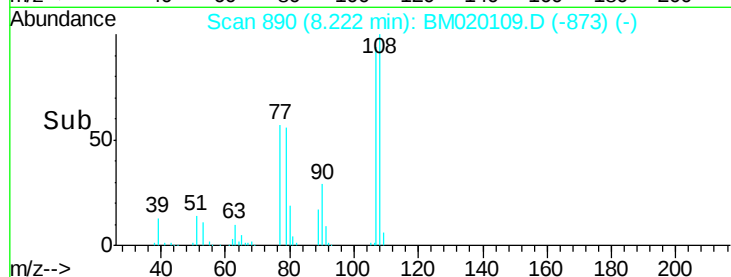


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.766 ng

RT: 8.86 min Scan# 998

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

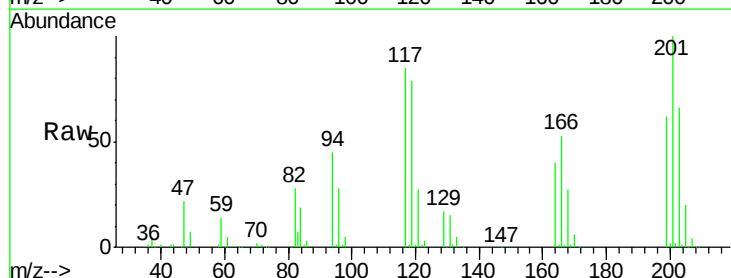
Tgt Ion:117 Resp: 213005

Ion Ratio Lower Upper

117 100

119 93.0 76.6 114.8

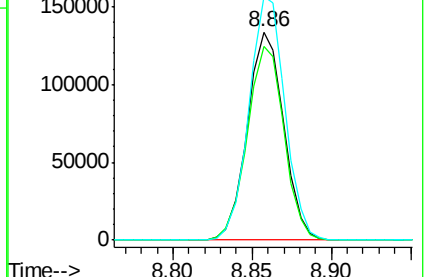
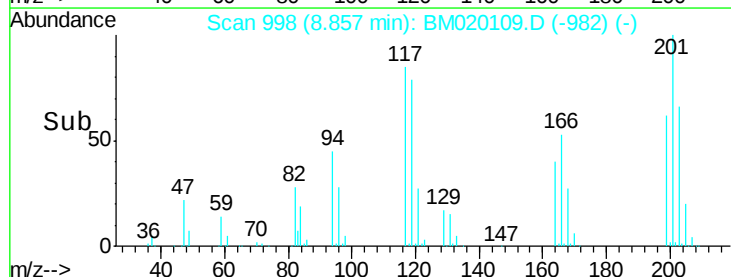
201 117.1 90.7 136.1

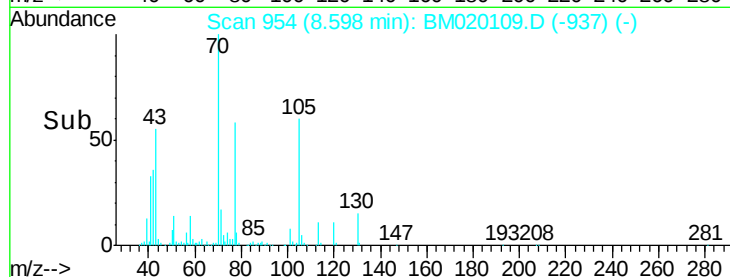
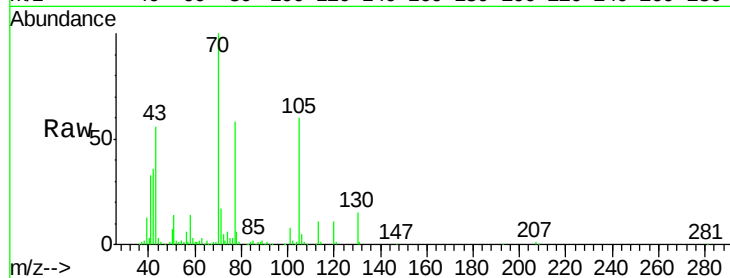
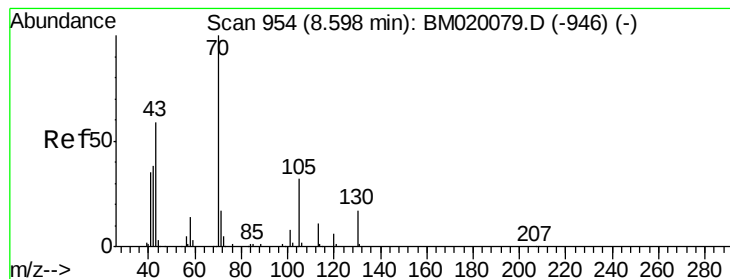


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.948 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 468930

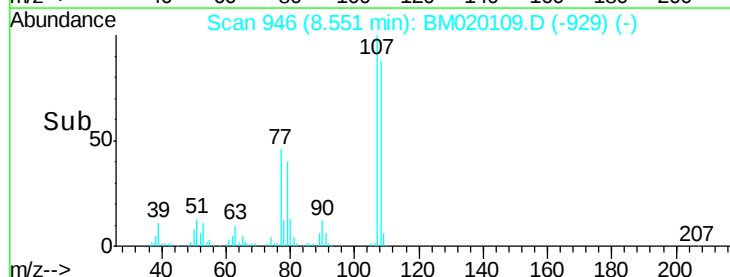
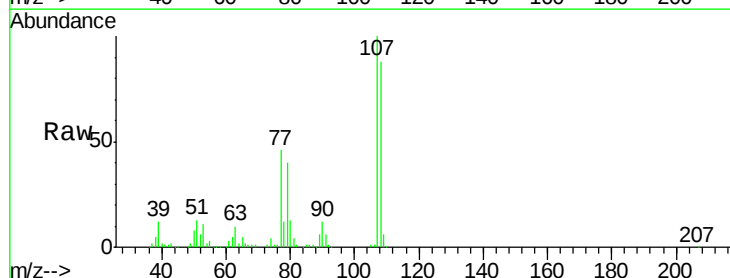
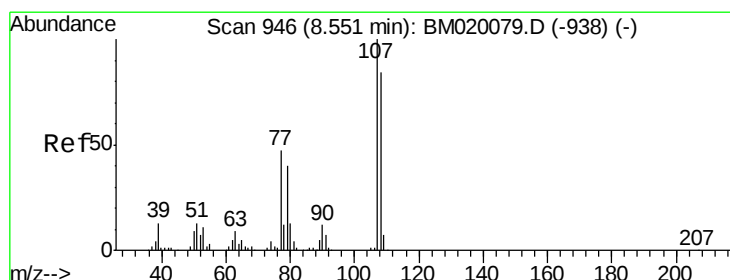
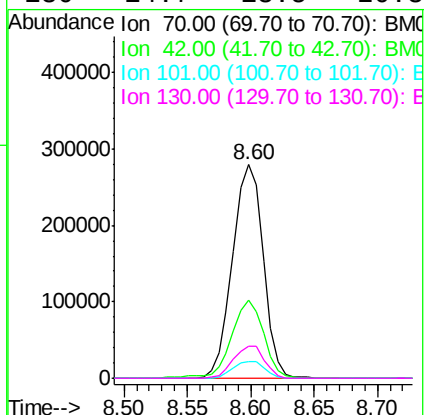
Ion Ratio Lower Upper

70 100

42 36.5 31.0 46.4

101 8.1 6.2 9.2

130 14.7 13.5 20.3



#20

3+4-Methylphenols

Concen: 38.371 ng

RT: 8.55 min Scan# 946

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:107 Resp: 538843

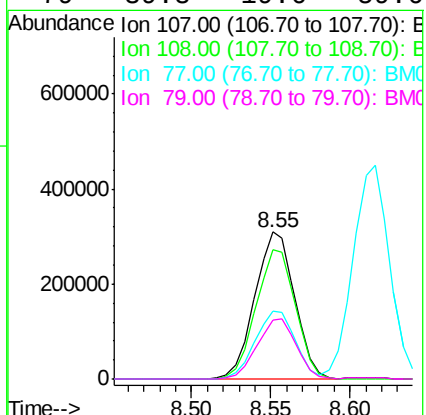
Ion Ratio Lower Upper

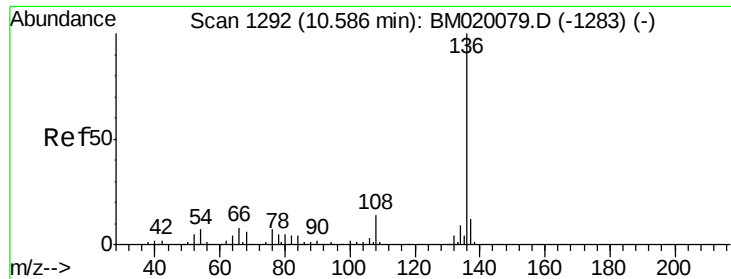
107 100

108 87.6 64.4 104.4

77 46.3 27.2 67.2

79 39.8 19.6 59.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 681637

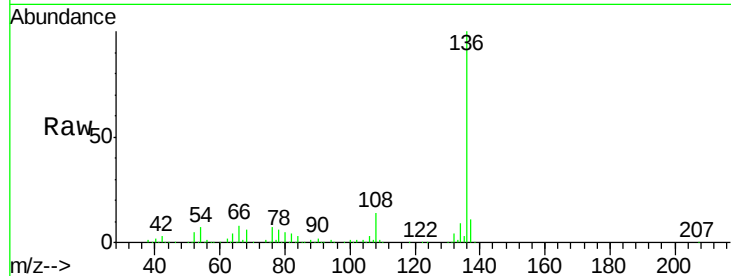
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 6.7 5.5 8.3

68 6.4 4.6 6.8

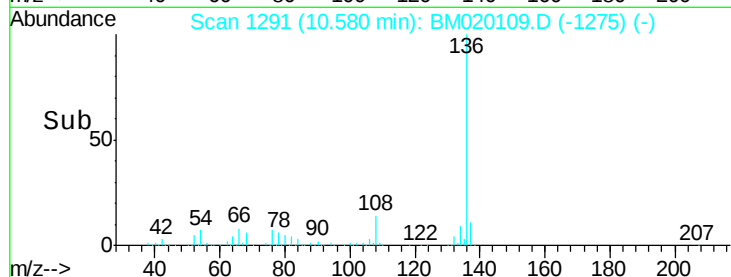


Abundance Ion 136.00 (135.70 to 136.70): E

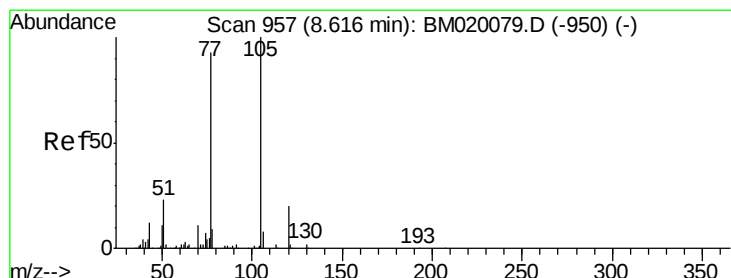
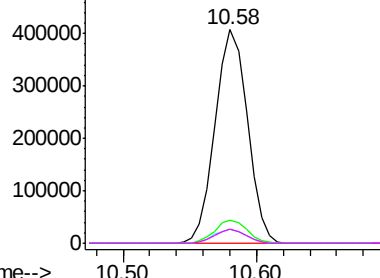
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 40.761 ng

RT: 8.62 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:105 Resp: 759338

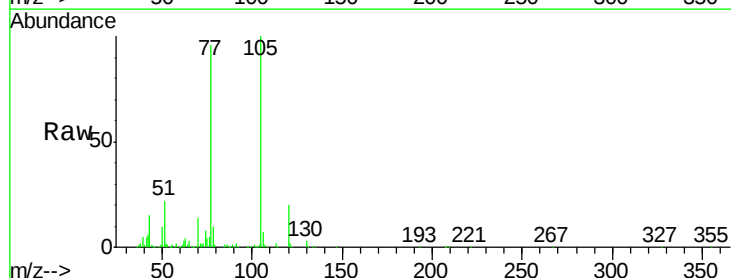
Ion Ratio Lower Upper

105 100

71 2.1 2.2 3.2#

51 21.8 19.3 28.9

120 19.6 16.2 24.4

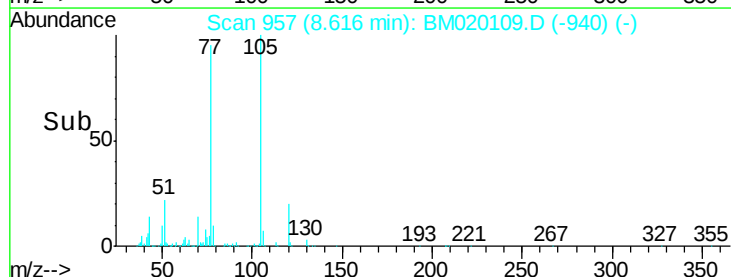


Abundance Ion 105.00 (104.70 to 105.70): E

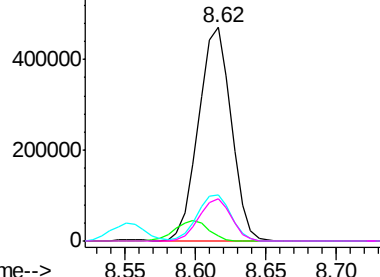
Ion 71.00 (70.70 to 71.70): BM

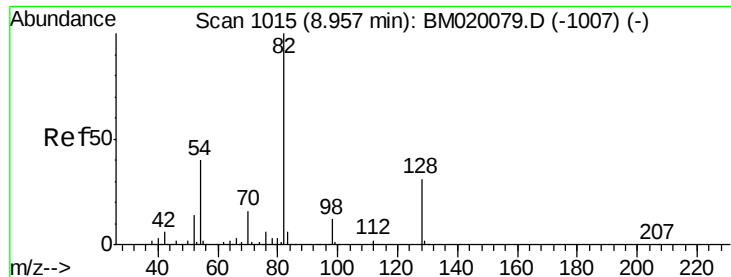
Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->

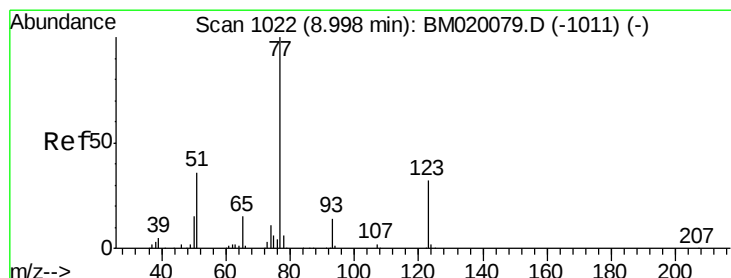
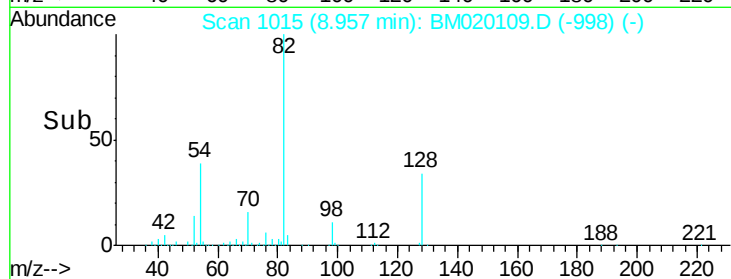
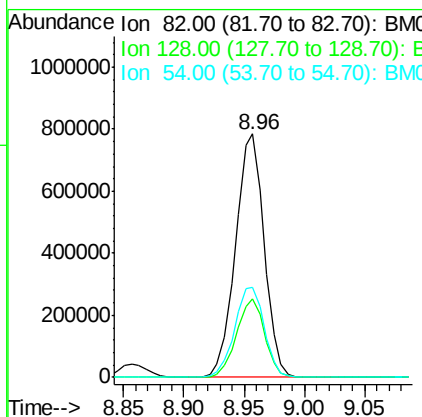
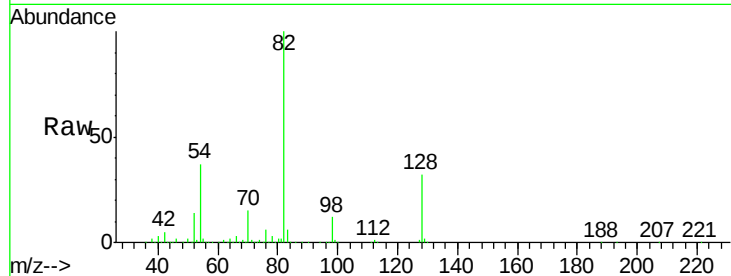




#23
Nitrobenzene-d5
Concen: 75.237 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

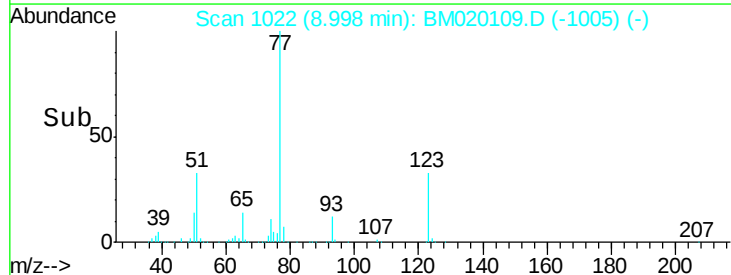
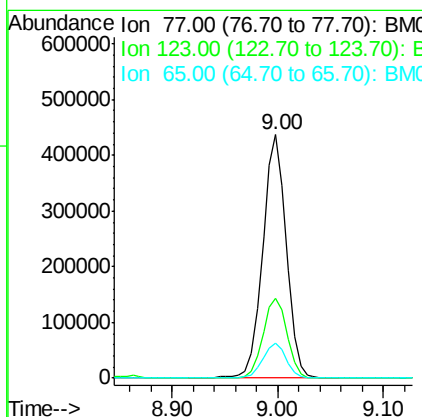
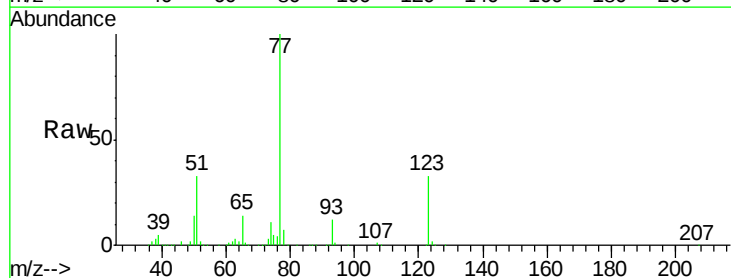
Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1298986
Ion Ratio Lower Upper
82 100
128 32.1 25.2 37.8
54 37.1 31.9 47.9



#24
Nitrobenzene
Concen: 37.904 ng
RT: 9.00 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion: 77 Resp: 678529
Ion Ratio Lower Upper
77 100
123 33.0 25.5 38.3
65 14.2 11.8 17.6





#25

Isophorone

Concen: 38.305 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampled :

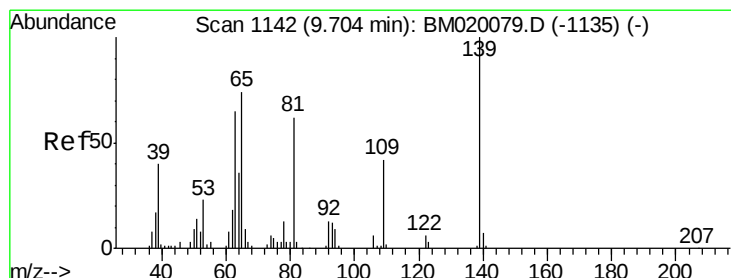
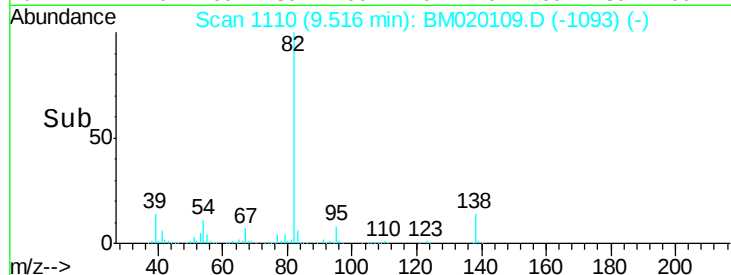
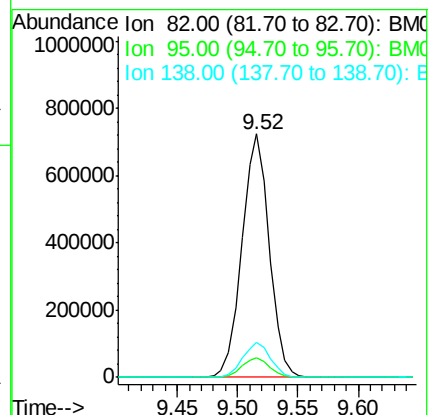
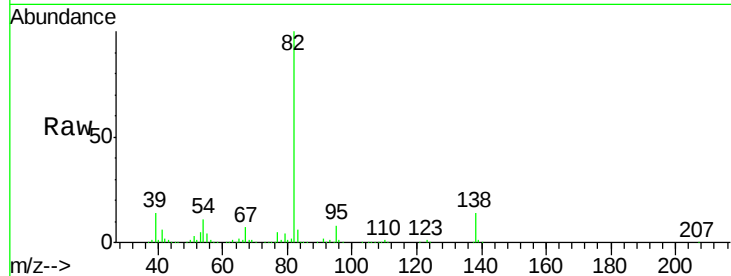
Tot Ion: 82 Resp: 1140487

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 14.3 11.1 16.7



#26

2-Nitrophenol

Concen: 42.719 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

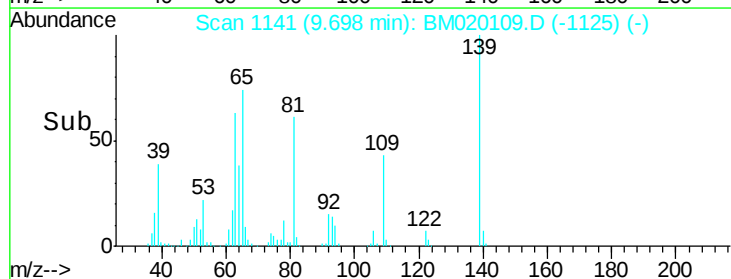
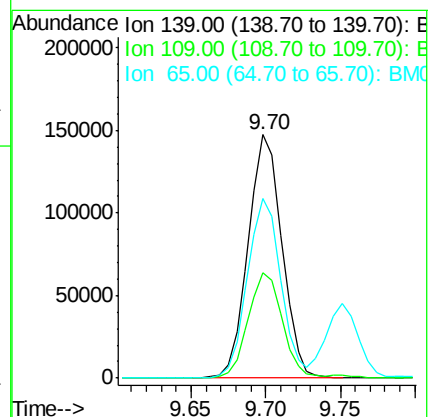
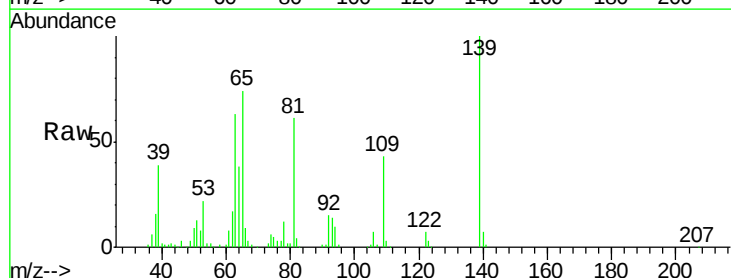
Tgt Ion: 139 Resp: 230873

Ion Ratio Lower Upper

139 100

109 43.1 33.7 50.5

65 73.8 59.5 89.3





#27

2,4-Dimethylphenol

Concen: 46.269 ng

RT: 9.75 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampled :

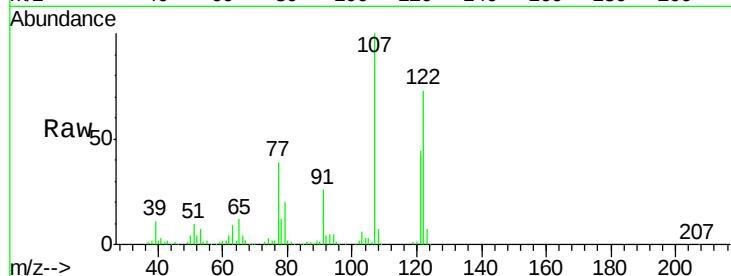
Tot Ion:122 Resp: 416305

Ion Ratio Lower Upper

122 100

107 136.8 108.6 162.8

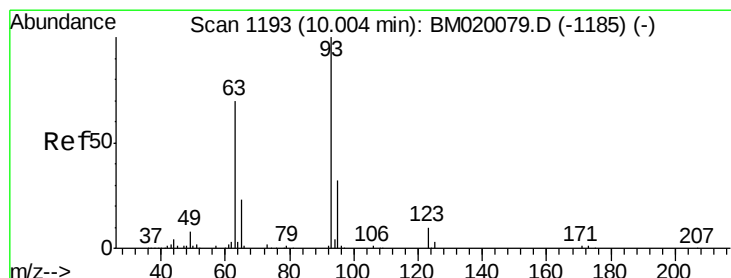
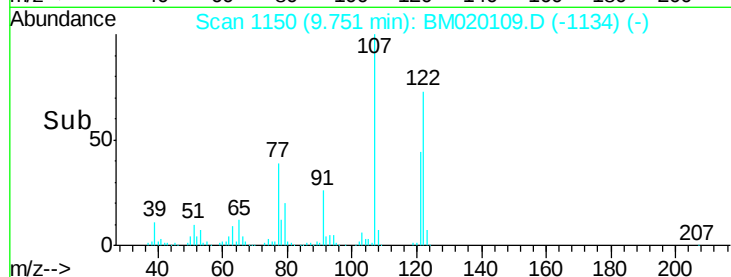
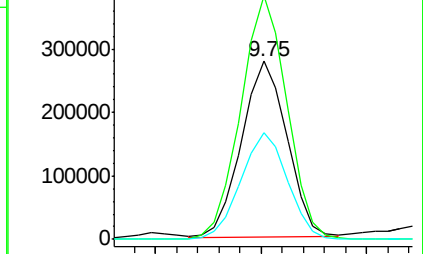
121 60.2 47.4 71.2



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: 38.813 ng

RT: 10.00 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

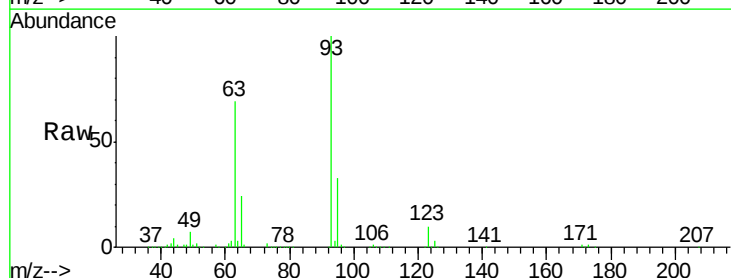
Tgt Ion: 93 Resp: 629389

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

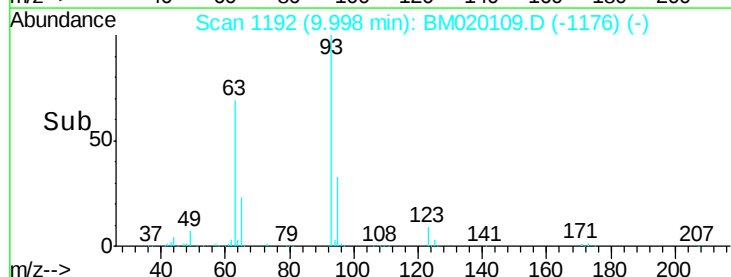
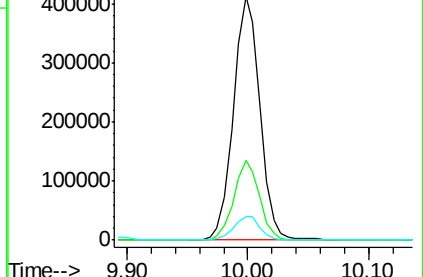
123 9.6 7.6 11.4

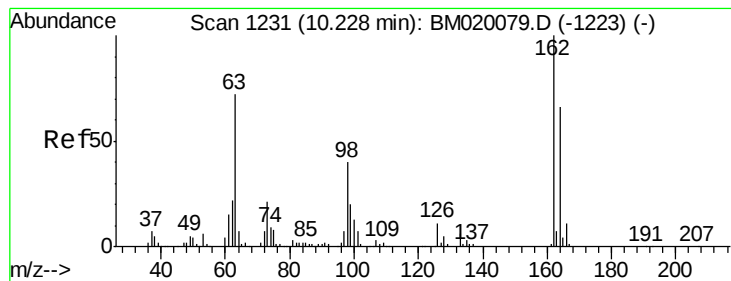


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.392 ng

RT: 10.23 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

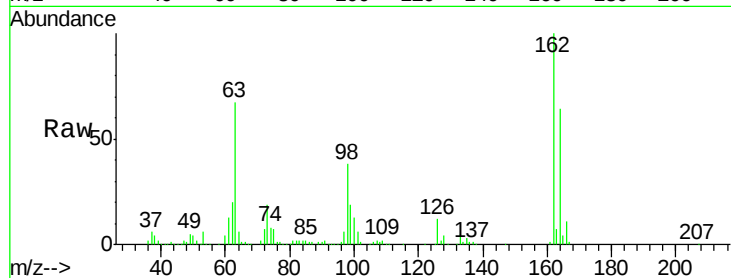
Tot Ion:162 Resp: 469618

Ion Ratio Lower Upper

162 100

164 64.5 45.6 85.6

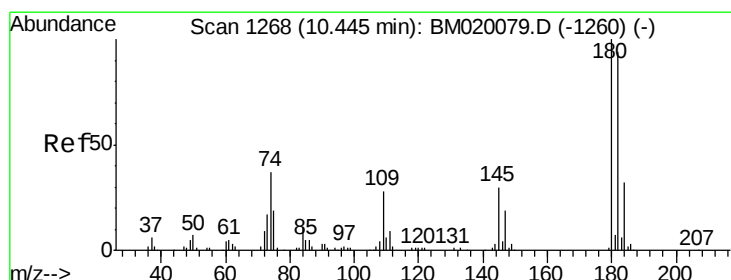
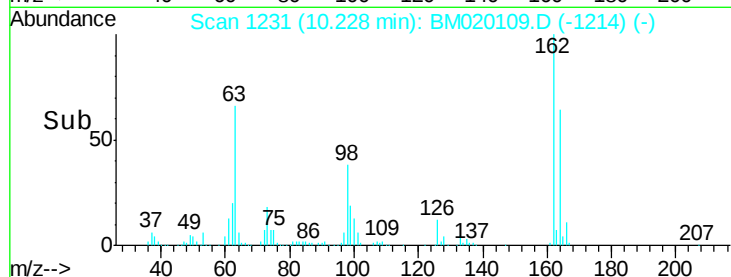
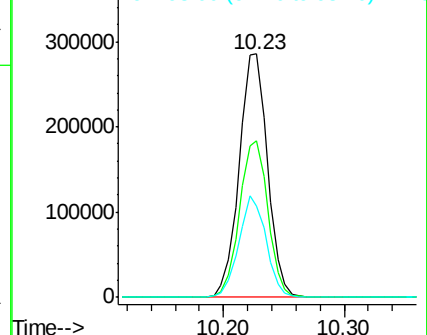
98 37.6 20.4 60.4



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: 39.822 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

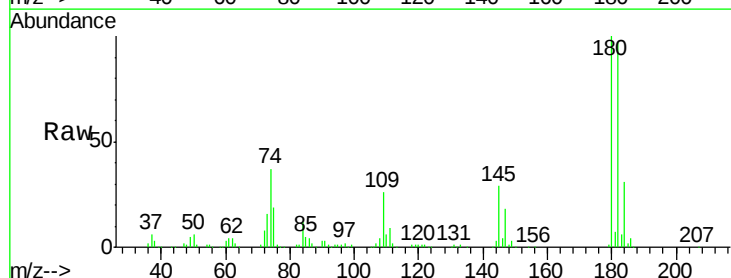
Tgt Ion:180 Resp: 555927

Ion Ratio Lower Upper

180 100

182 97.1 75.4 113.0

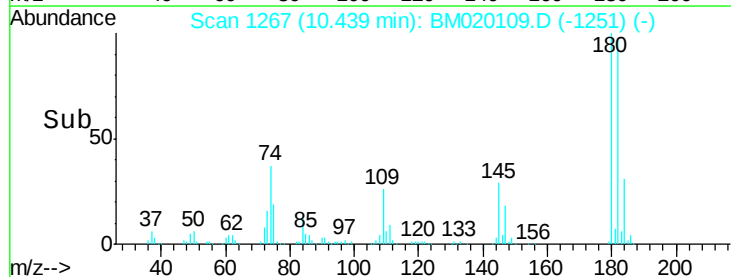
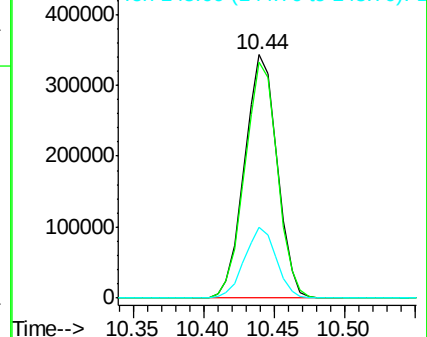
145 29.0 23.8 35.8

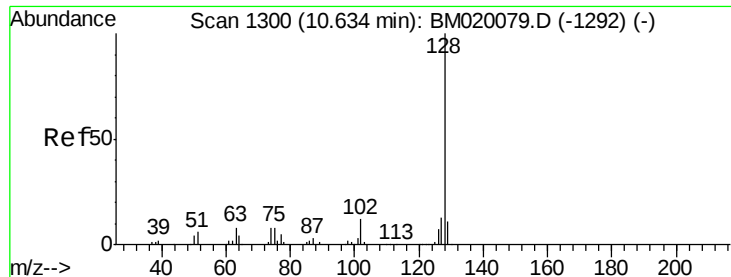


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

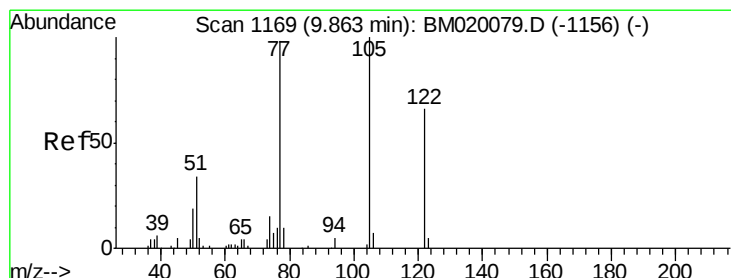
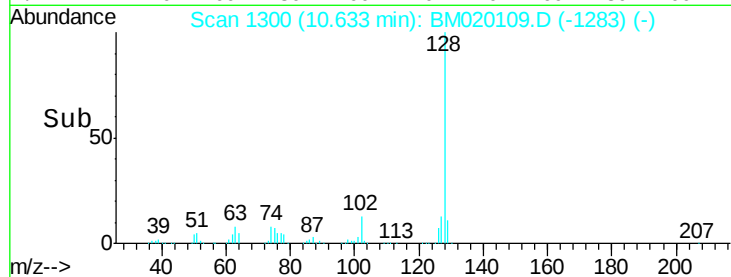
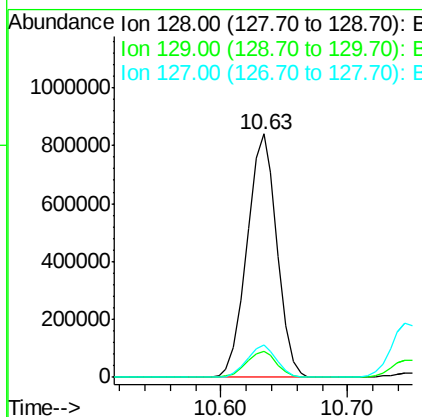
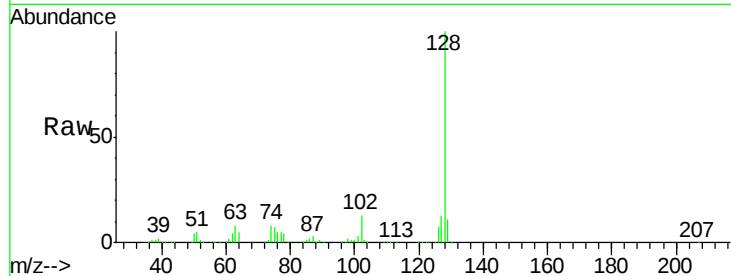




#31
Naphthalene
Concen: 38.898 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

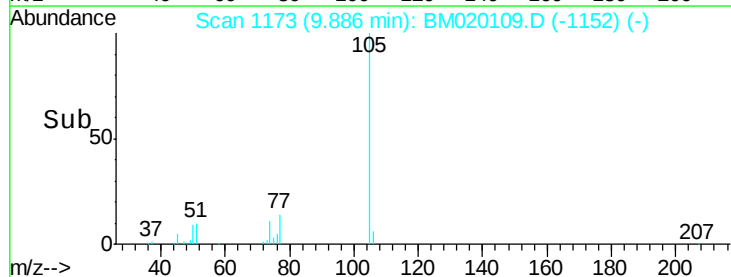
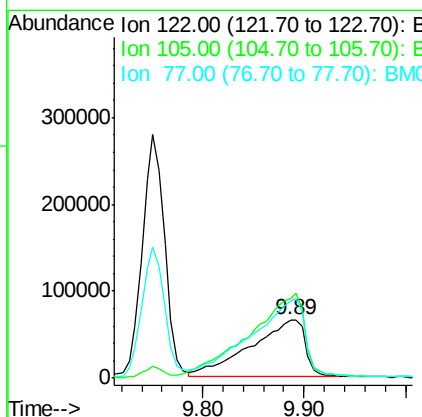
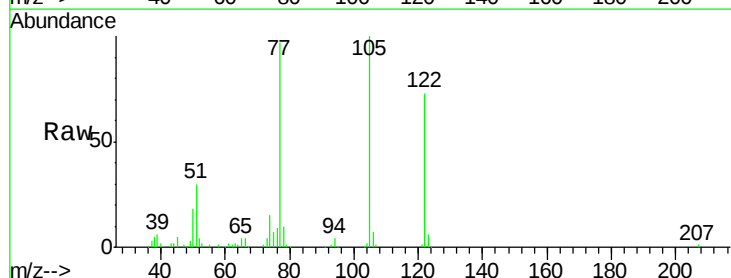
Instrument :
BNA_M
ClientSampleId :

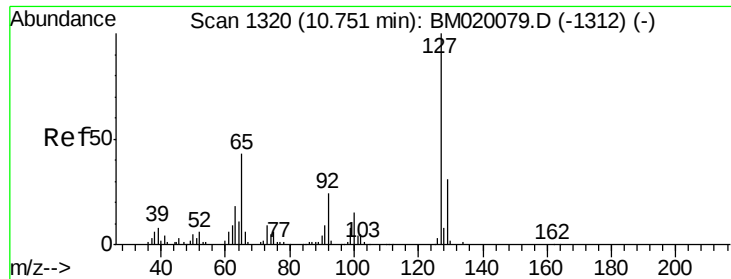
Tot Ion:128 Resp: 1375929
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 39.055 ng
RT: 9.89 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion:122 Resp: 240871
Ion Ratio Lower Upper
122 100
105 137.2 122.5 162.5
77 133.1 123.3 163.3

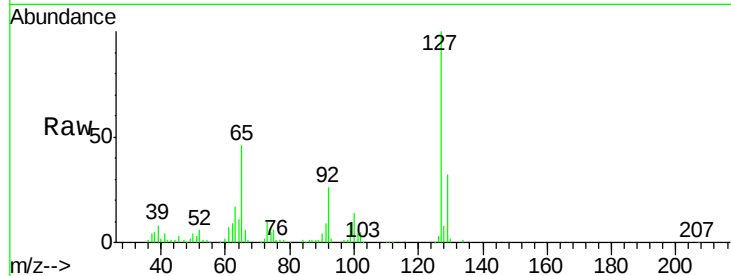




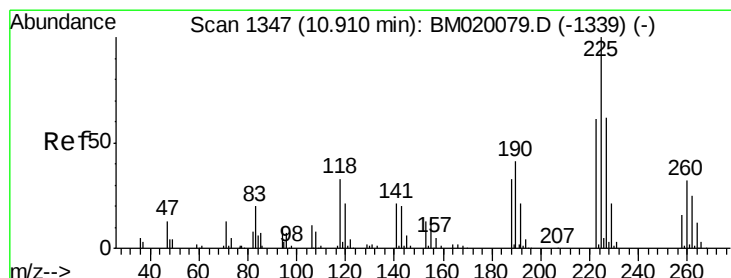
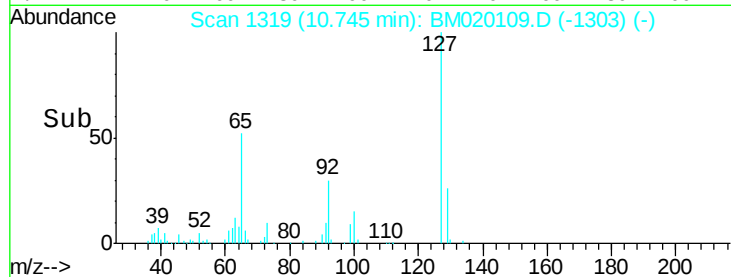
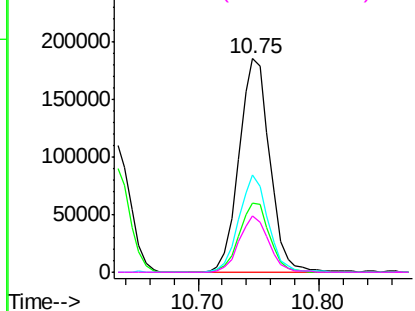
#33
4-Chloroaniline
Concen: 22.579 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	328720
Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.7	37.1
65	45.8	34.6	52.0
92	26.3	19.5	29.3

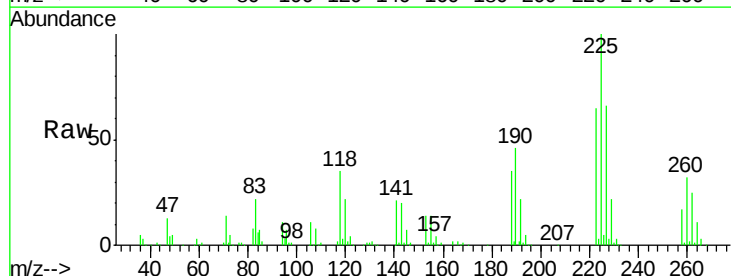


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

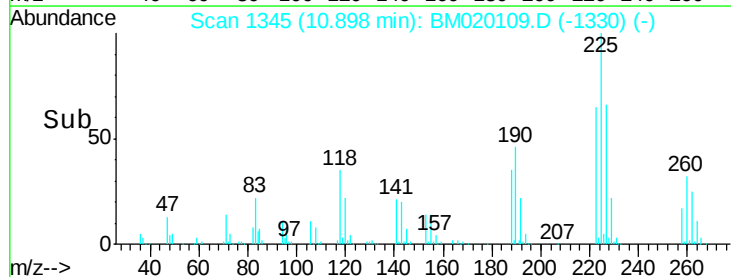
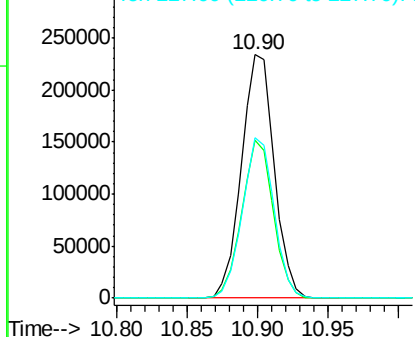


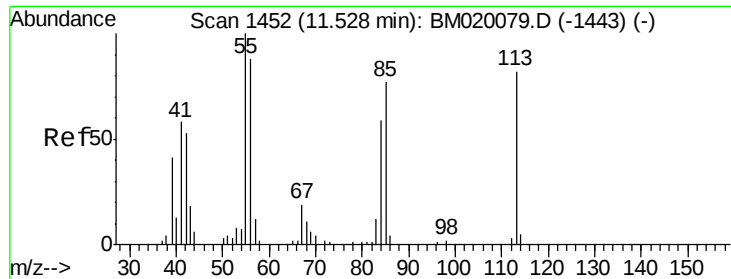
#34
Hexachlorobutadiene
Concen: 38.452 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion:	225	Resp:	379730
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.9	73.3
227	65.8	49.6	74.4



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





#35

Caprolactam

Concen: 22.882 ng

RT: 11.54 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

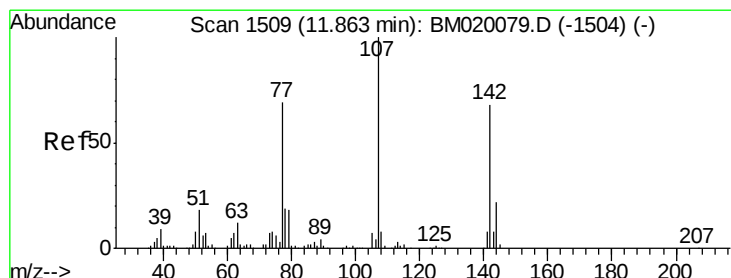
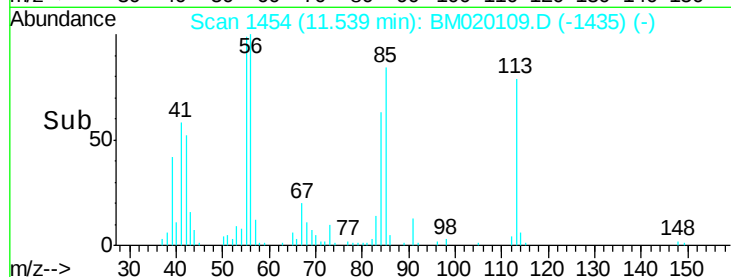
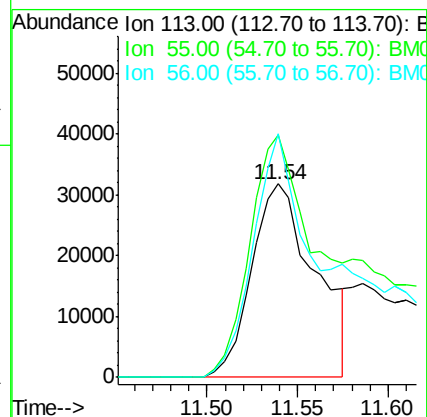
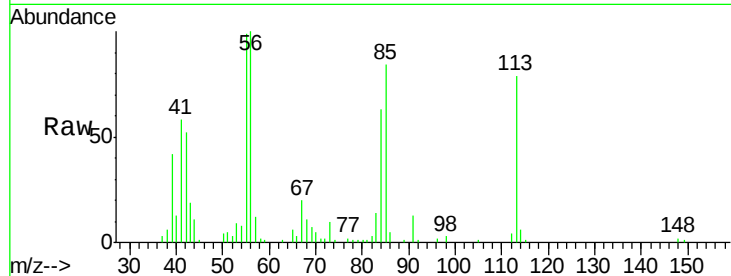
Tot Ion:113 Resp: 77625

Ion Ratio Lower Upper

113 100

55 125.0 102.5 142.5

56 125.9 87.7 127.7



#36

4-Chloro-3-methylphenol

Concen: 37.564 ng

RT: 11.86 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

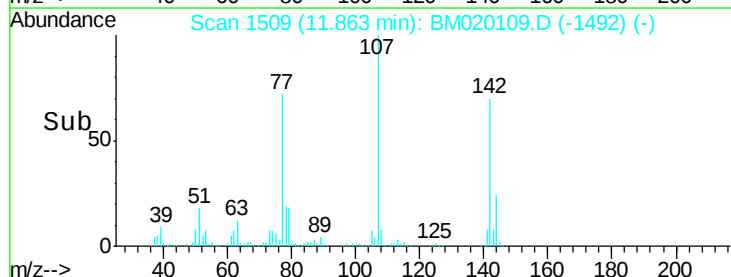
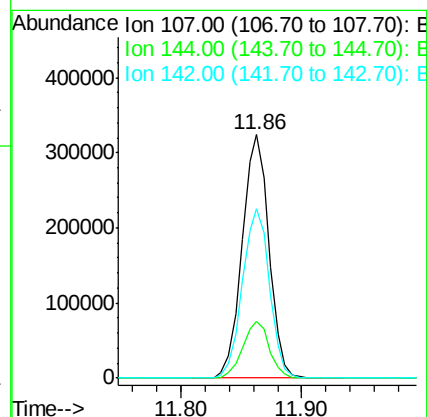
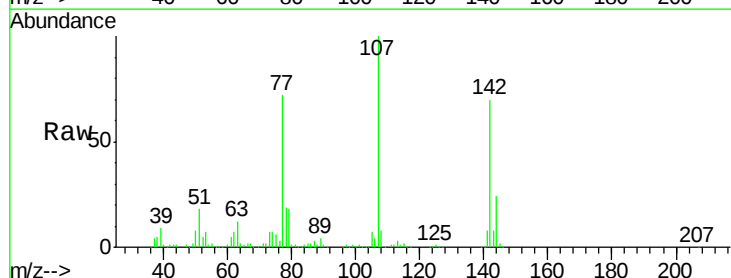
Tgt Ion:107 Resp: 500826

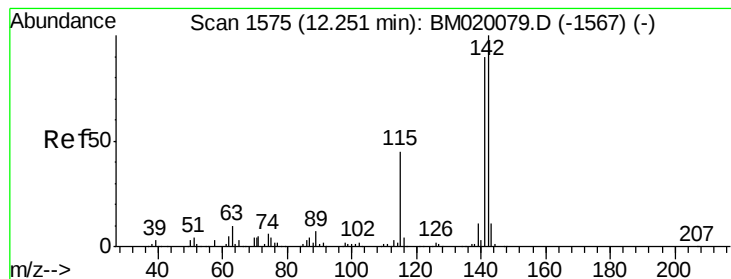
Ion Ratio Lower Upper

107 100

144 23.6 17.6 26.4

142 69.8 54.6 82.0





#37

2-Methylnaphthalene

Concen: 39.727 ng

RT: 12.25 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

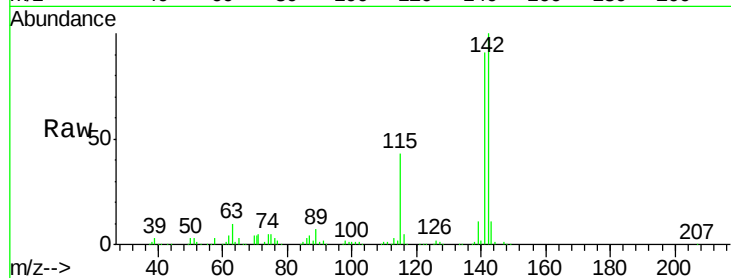
Tot Ion:142 Resp: 1024465

Ion Ratio Lower Upper

142 100

141 90.9 71.6 107.4

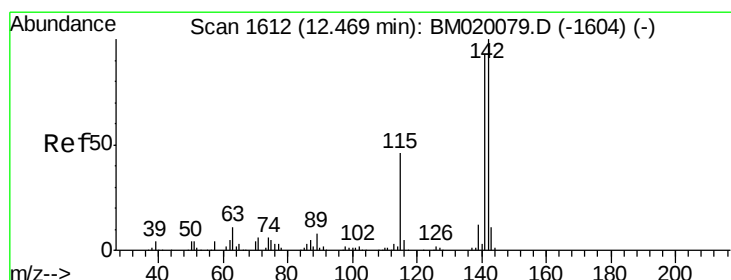
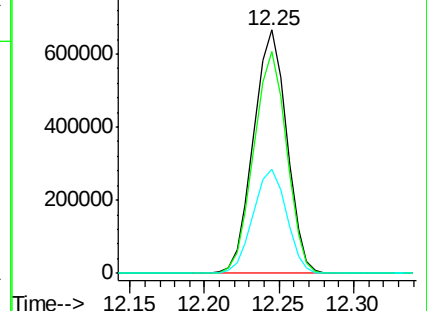
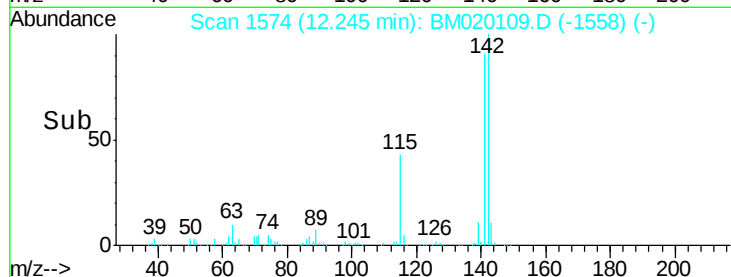
115 42.7 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.238 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

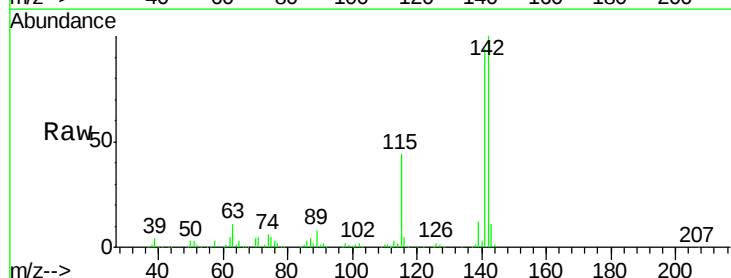
Tgt Ion:142 Resp: 964252

Ion Ratio Lower Upper

142 100

141 93.6 74.8 112.2

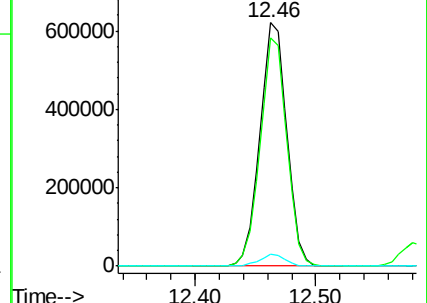
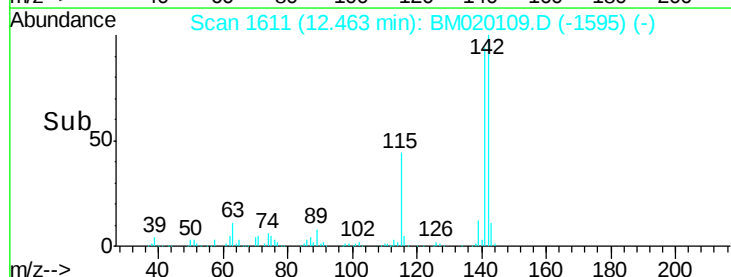
116 4.8 3.9 5.9

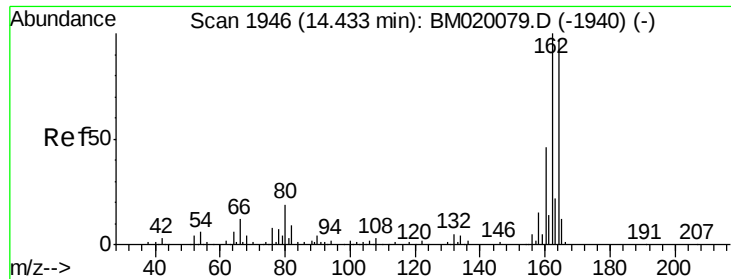


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

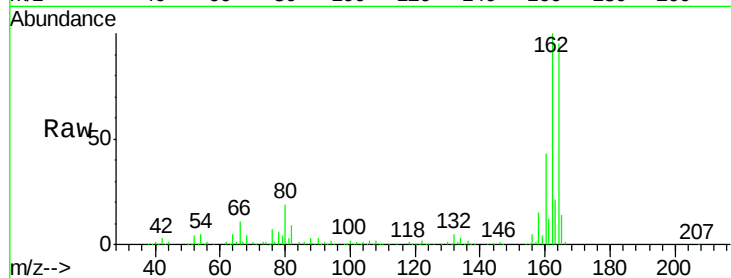
Tot Ion:164 Resp: 402394

Ion Ratio Lower Upper

164 100

162 104.8 82.2 123.2

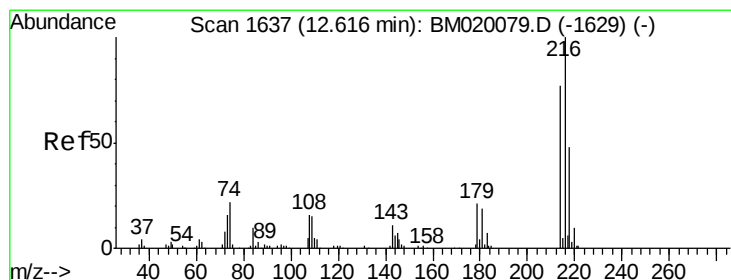
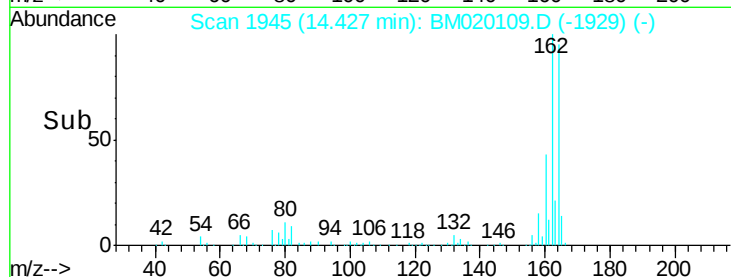
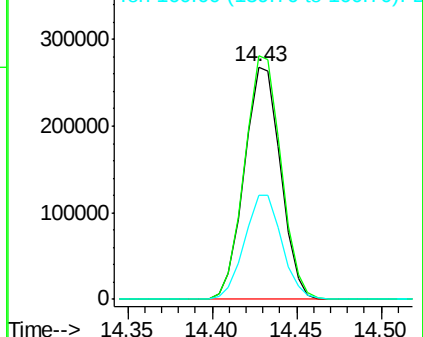
160 45.0 37.6 56.4



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: 42.243 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:216 Resp: 665046

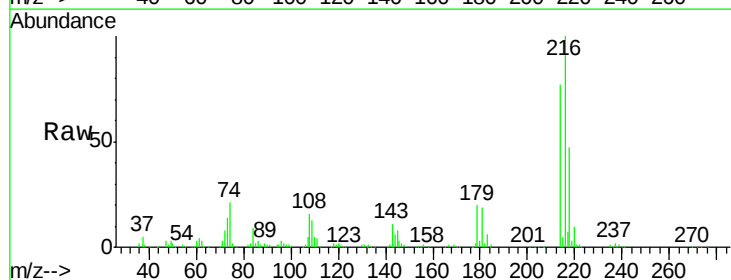
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.2 17.1 25.7

108 20.0 15.8 23.6

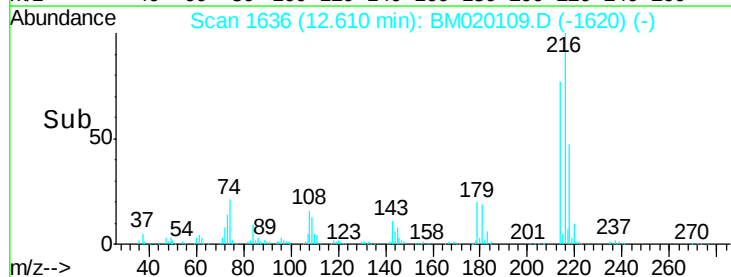
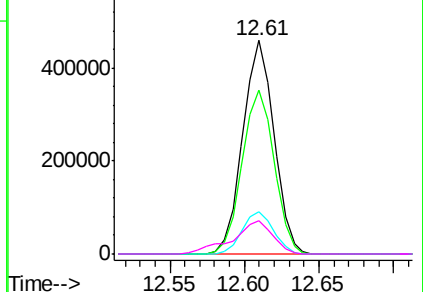


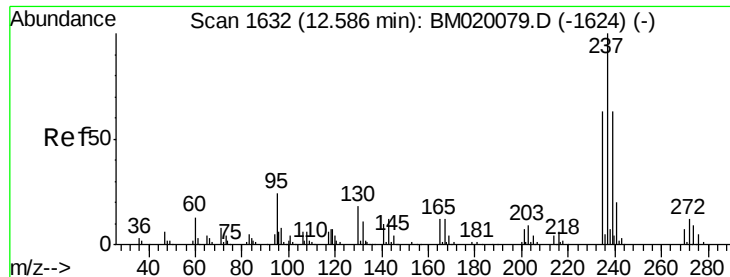
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.798 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

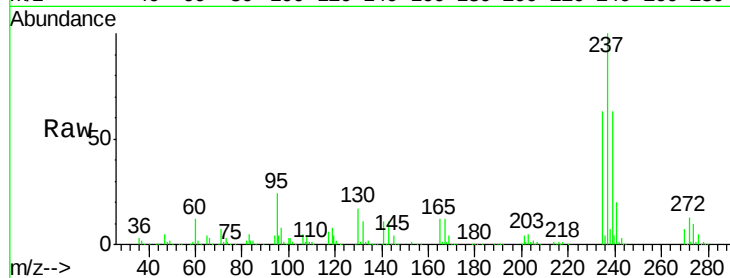
Tot Ion:237 Resp: 804583

Ion Ratio Lower Upper

237 100

235 63.2 43.4 83.4

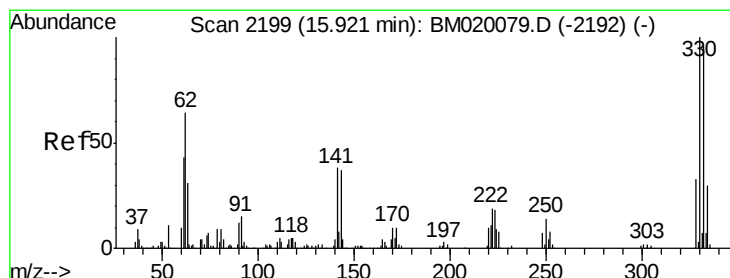
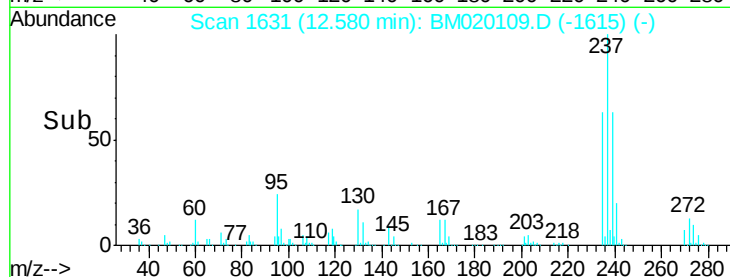
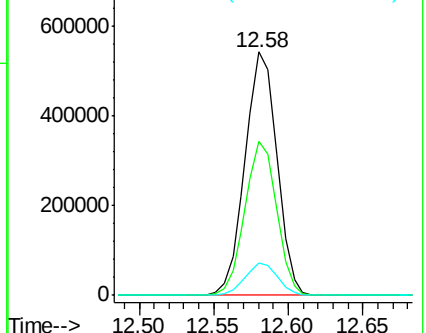
272 13.2 0.0 31.7



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: 134.240 ng

RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

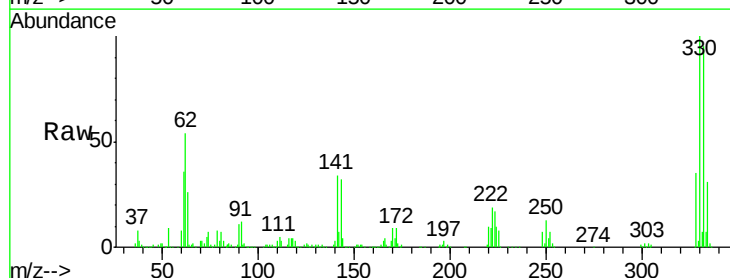
Tgt Ion:330 Resp: 838449

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

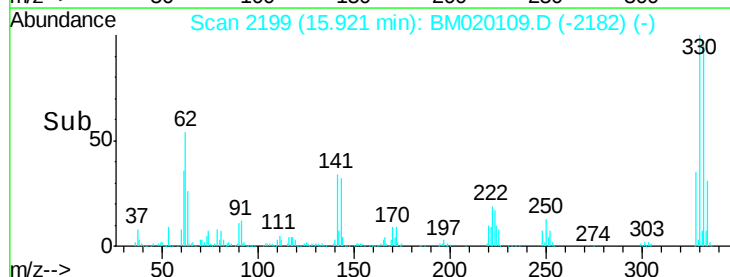
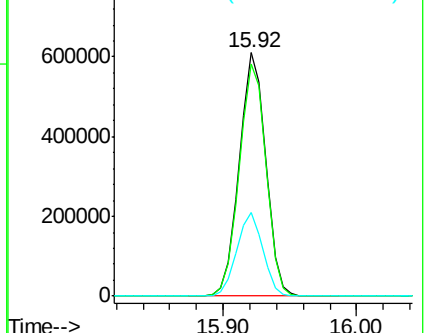
141 33.9 29.2 43.8



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

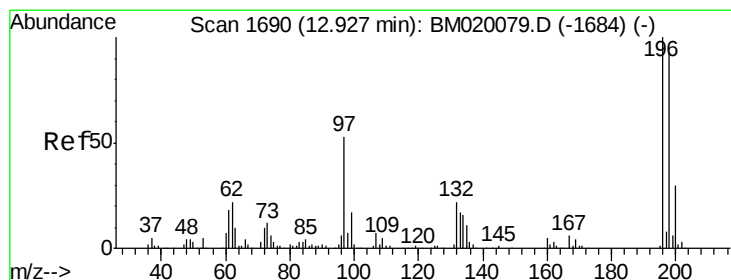
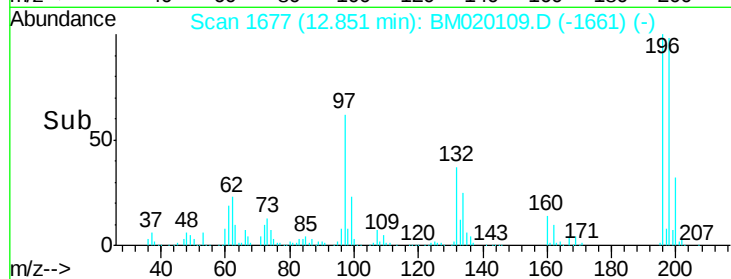
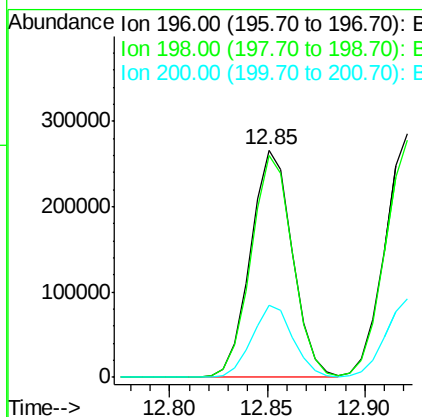
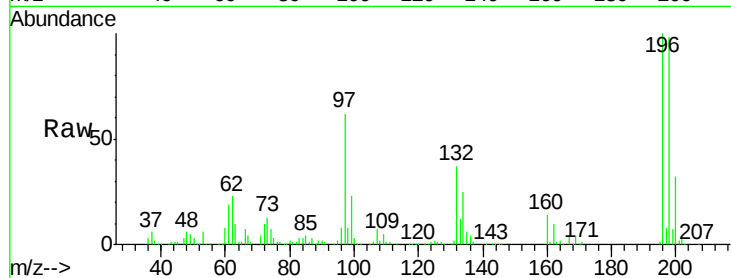




#43
 2,4,6-Trichlorophenol
 Concen: 44.231 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

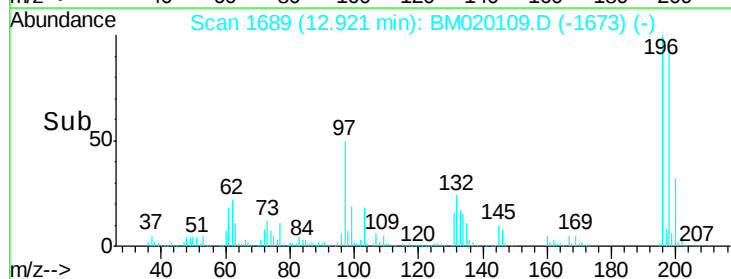
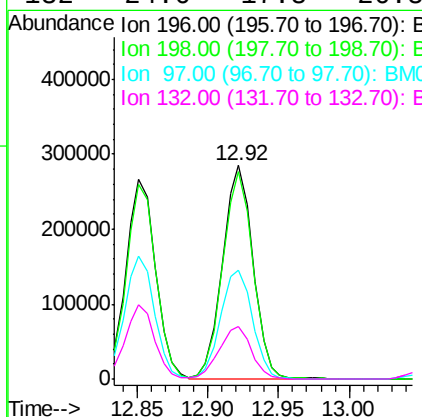
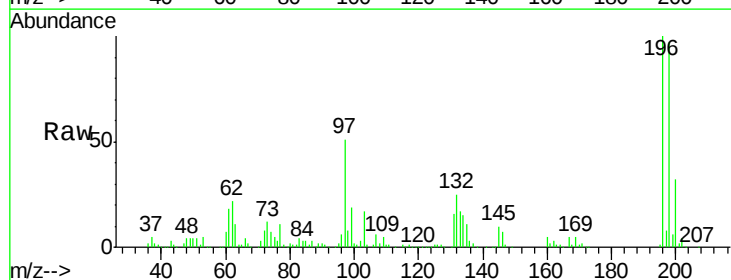
Instrument :
 BNA_M
 ClientSampled :

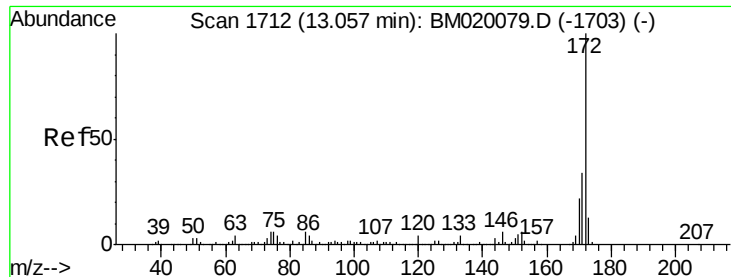
Tot Ion:196 Resp: 395751
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.2 114.2
 200 31.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.525 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:196 Resp: 425051
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.7 112.1
 97 50.8 42.2 63.4
 132 24.6 17.8 26.8

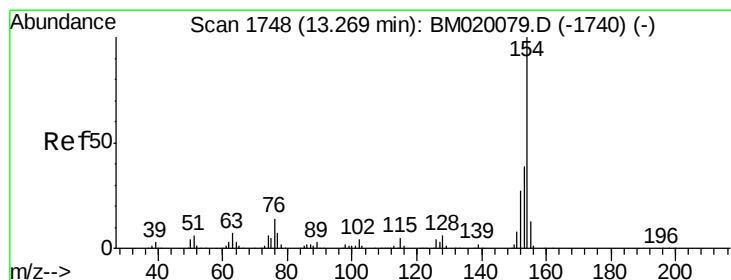
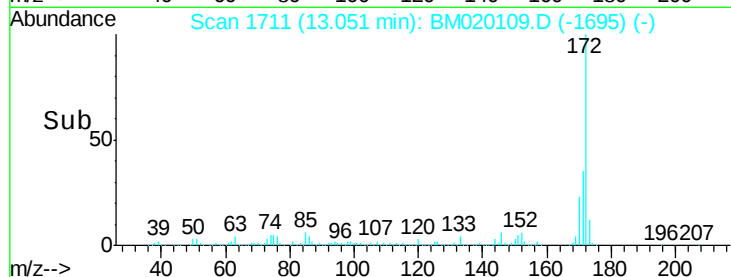
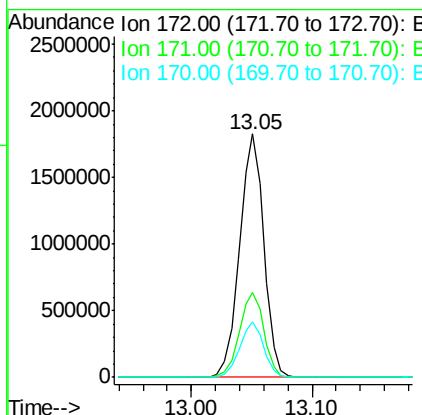
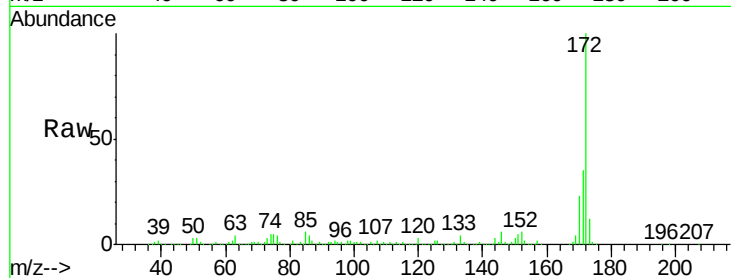




#45
2-Fluorobiphenyl
Concen: 77.873 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

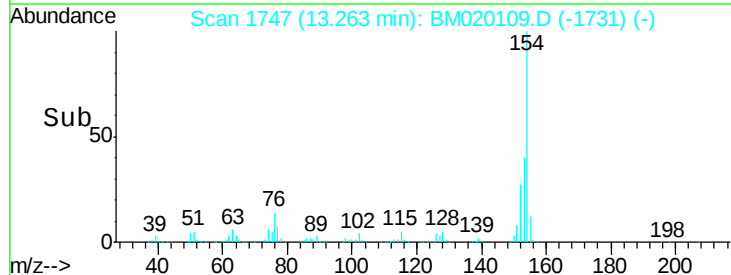
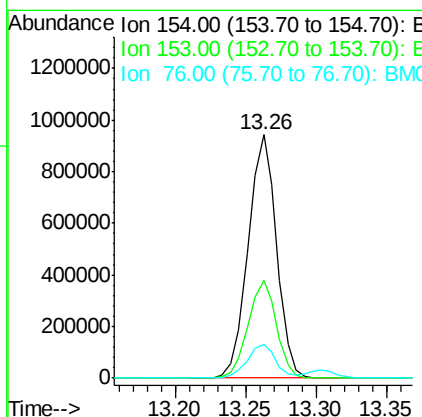
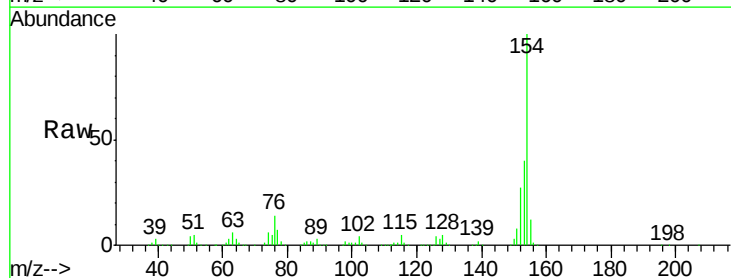
Instrument :
BNA_M
ClientSampled :

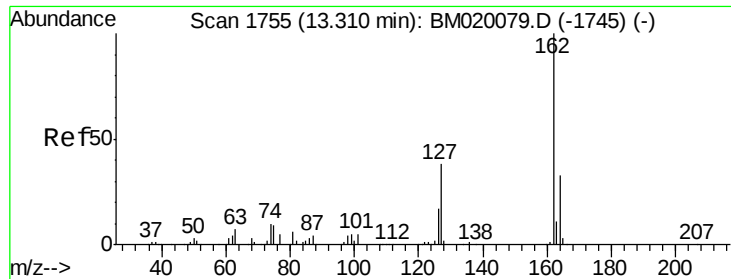
Tot Ion:172 Resp: 2546846
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 22.8 17.9 26.9



#46
1,1'-Biphenyl
Concen: 40.172 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion:154 Resp: 1330519
Ion Ratio Lower Upper
154 100
153 40.2 19.4 59.4
76 13.8 0.0 34.5

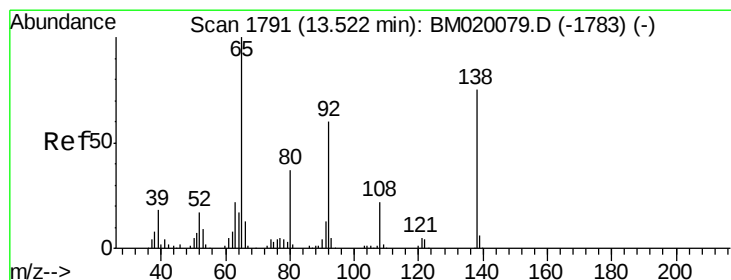
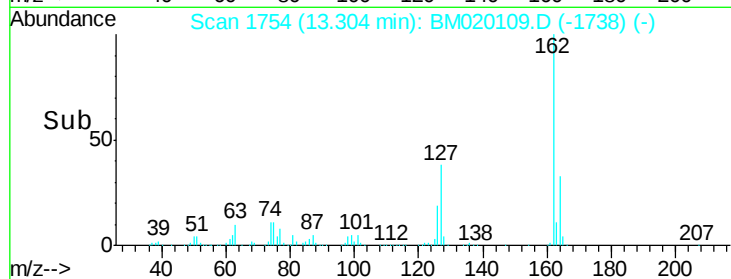
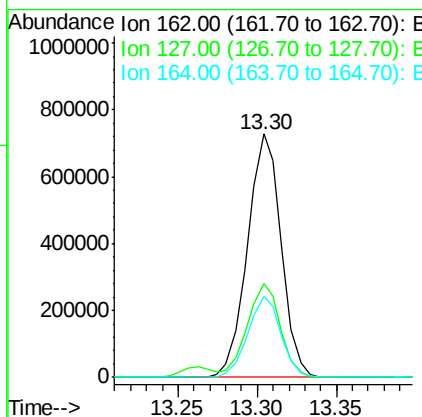
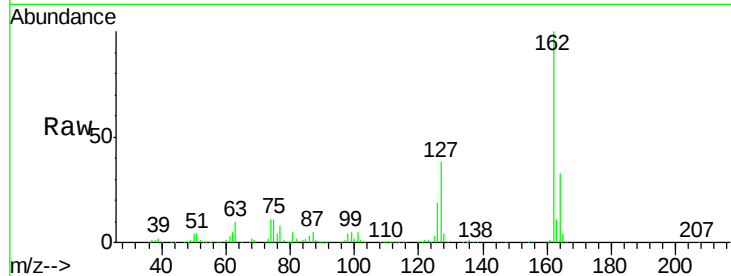




#47
2-Chloronaphthalene
Concen: 40.413 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

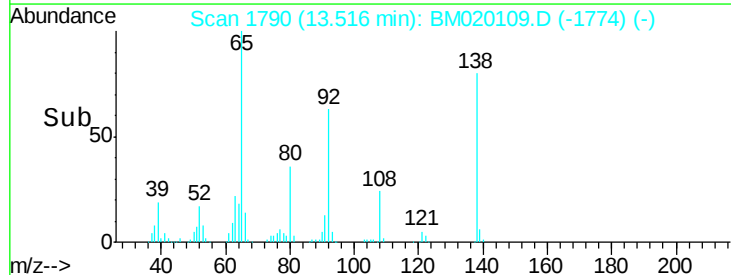
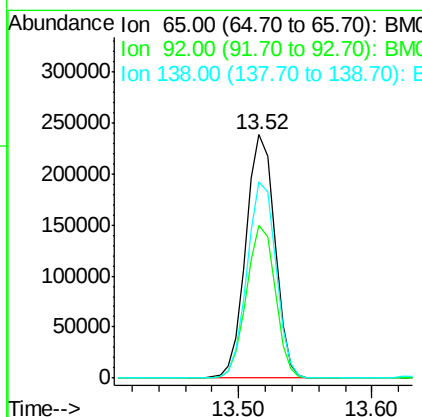
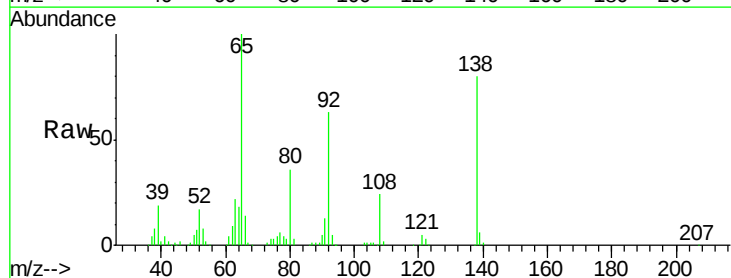
Instrument :
BNA_M
ClientSampled :

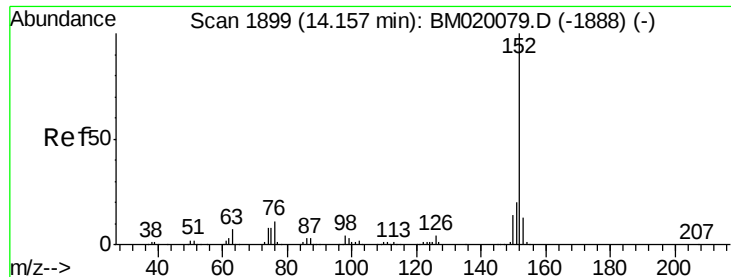
Tot Ion:162 Resp: 1068697
Ion Ratio Lower Upper
162 100
127 38.4 31.0 46.4
164 33.2 26.2 39.2



#48
2-Nitroaniline
Concen: 38.017 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion: 65 Resp: 357916
Ion Ratio Lower Upper
65 100
92 62.9 48.2 72.4
138 80.4 60.3 90.5





#49

Acenaphthylene

Concen: 38.054 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampled :

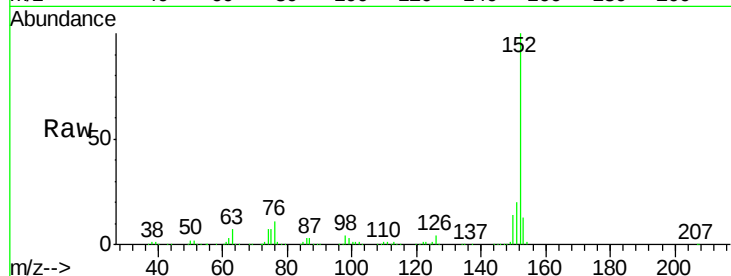
Tot Ion:152 Resp: 1610498

Ion Ratio Lower Upper

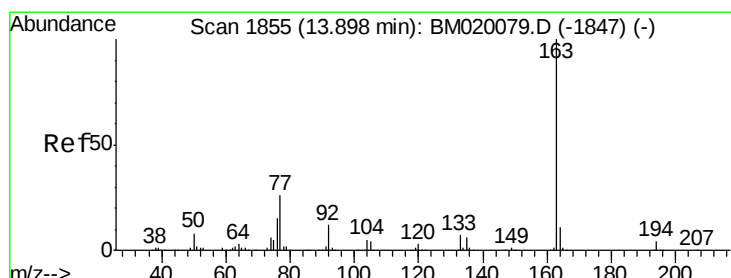
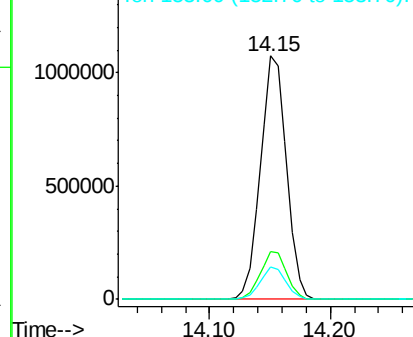
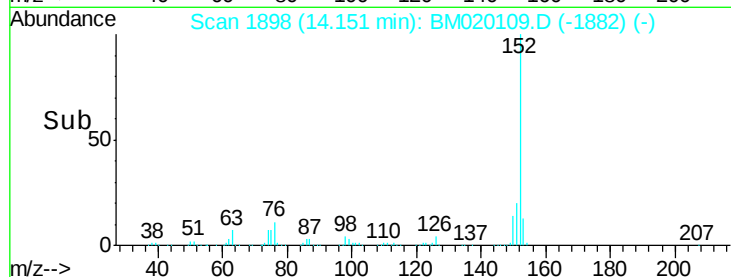
152 100

151 19.5 16.2 24.2

153 13.1 10.6 16.0



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: 37.415 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

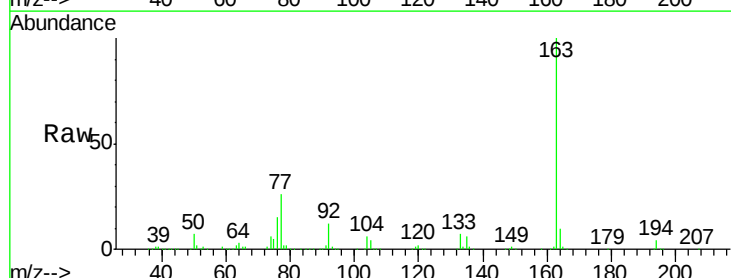
Tgt Ion:163 Resp: 1279606

Ion Ratio Lower Upper

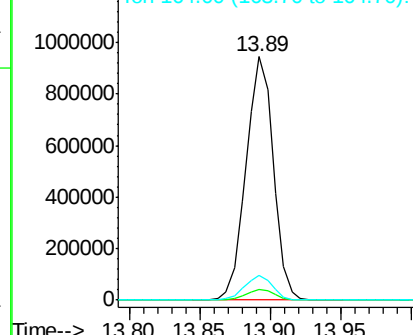
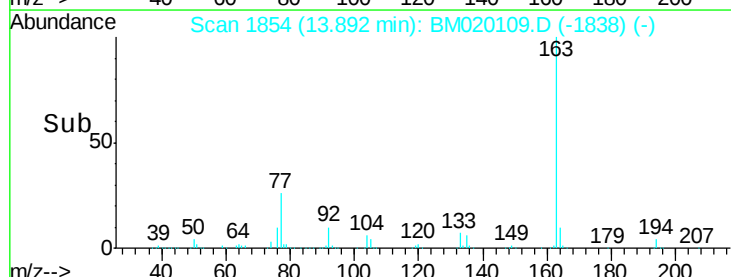
163 100

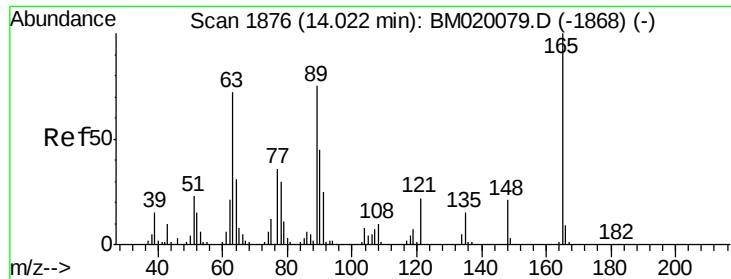
194 4.4 3.6 5.4

164 10.1 8.4 12.6



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

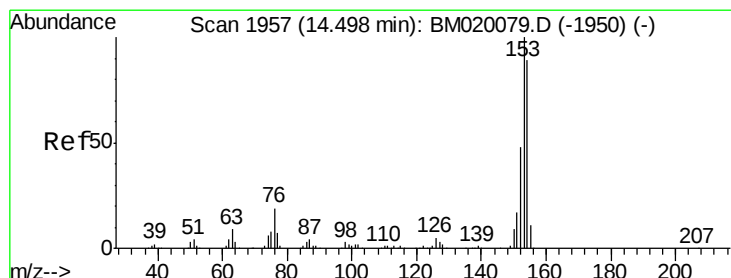
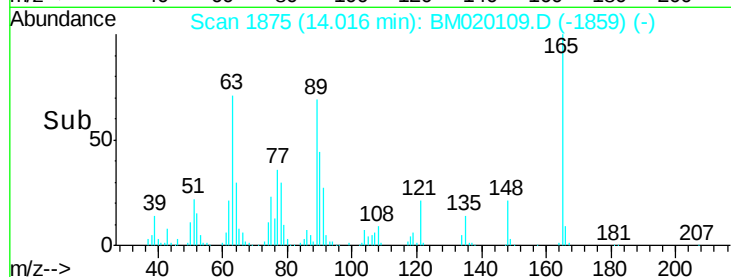
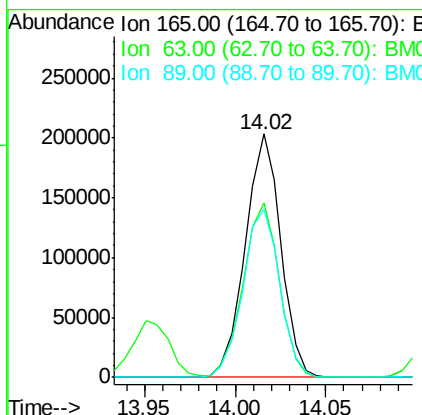
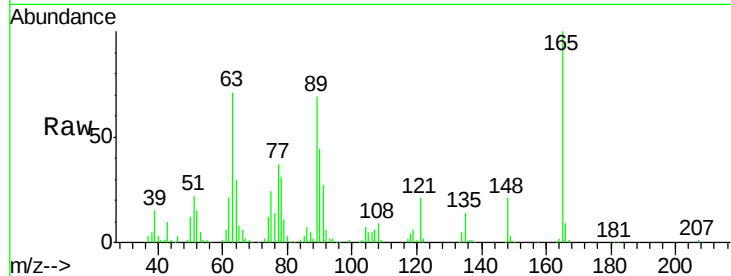




#51
 2,6-Dinitrotoluene
 Concen: 38.365 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

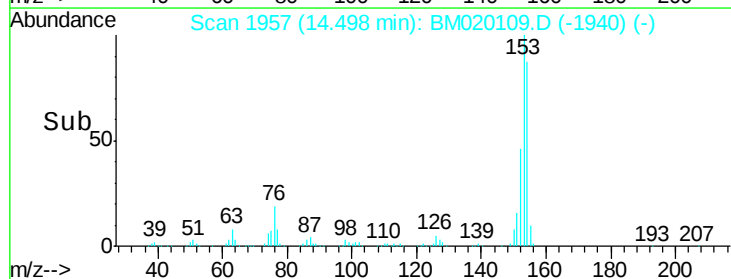
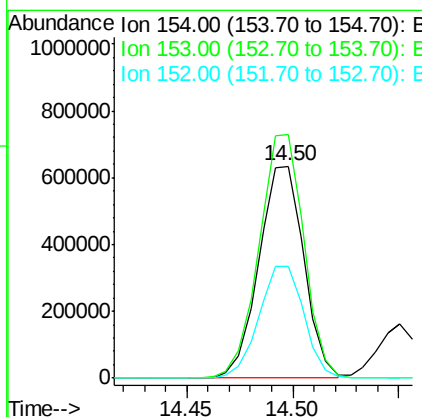
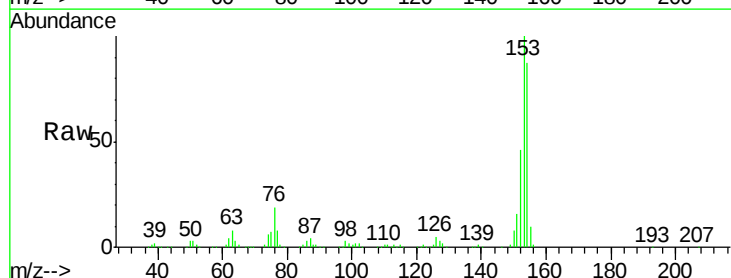
Instrument :
 BNA_M
 ClientSampled :

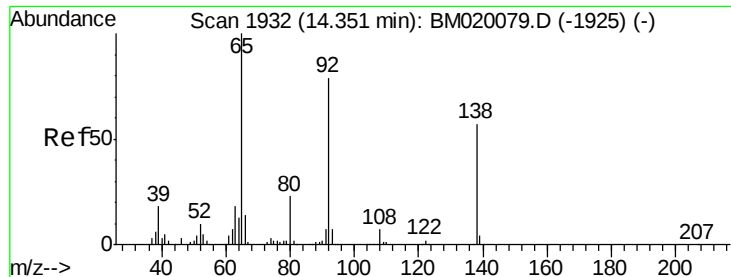
Tot Ion	Ratio	Lower	Upper
165	100		
63	71.5	60.3	90.5
89	68.9	59.8	89.6



#52
 Acenaphthene
 Concen: 38.809 ng
 RT: 14.50 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.2	135.2
152	52.5	43.0	64.4

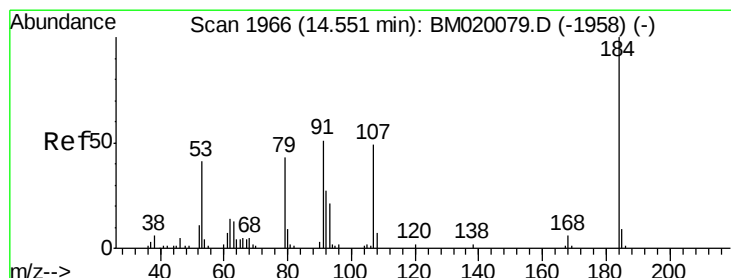
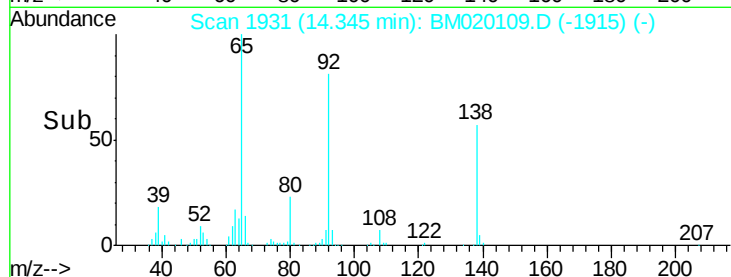
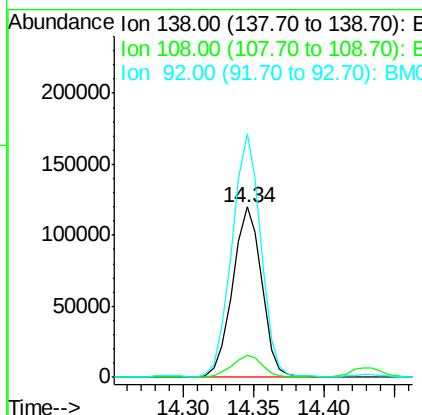
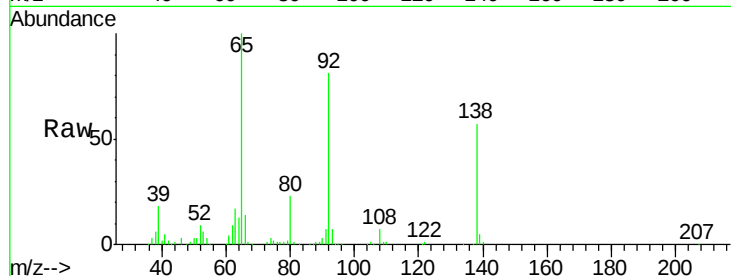




#53
3-Nitroaniline
Concen: 25.930 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

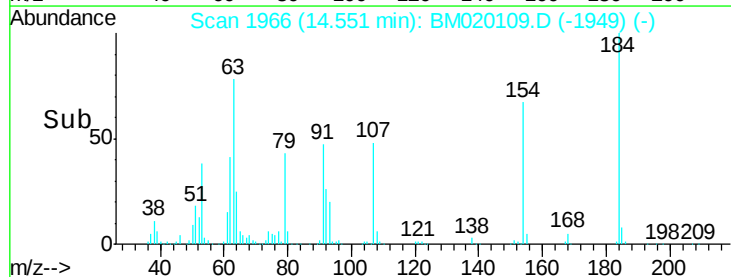
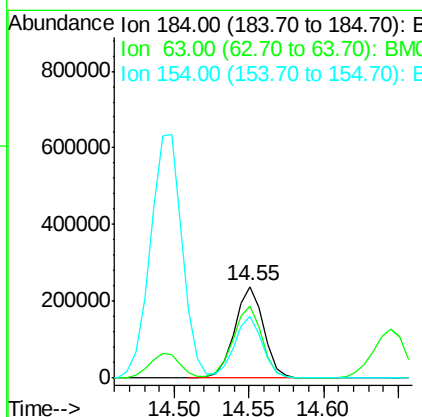
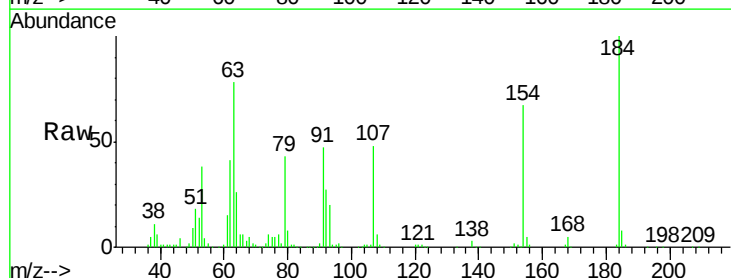
Instrument :
BNA_M
ClientSampleId :

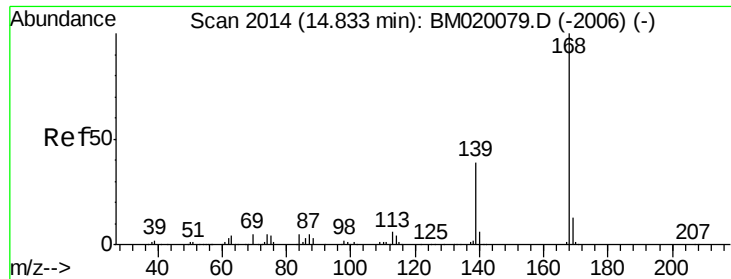
Tot Ion:138 Resp: 173357
Ion Ratio Lower Upper
138 100
108 12.8 10.4 15.6
92 143.1 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 88.751 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion:184 Resp: 323965
Ion Ratio Lower Upper
184 100
63 78.3 68.9 103.3
154 67.4 54.4 81.6

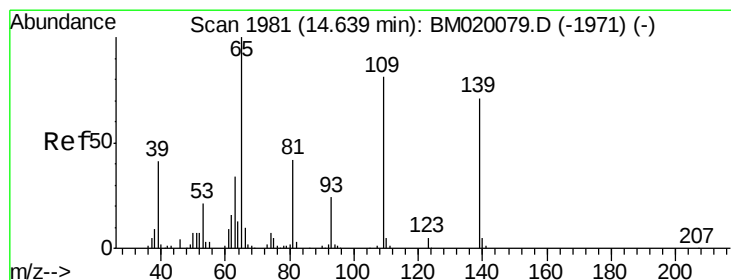
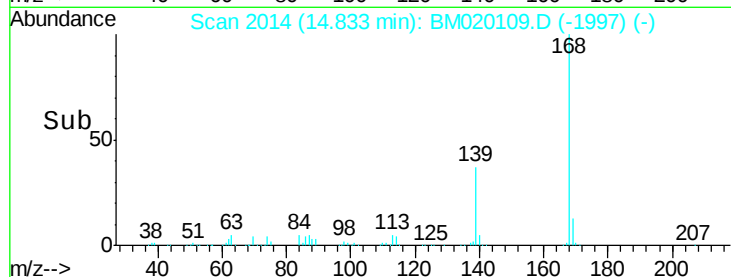
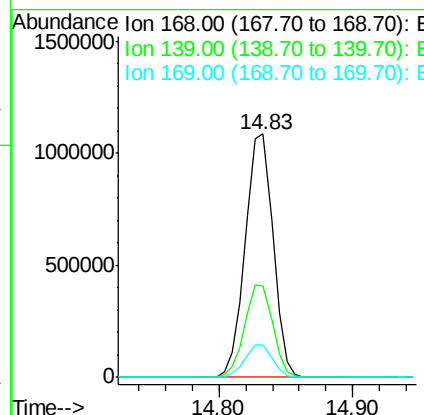
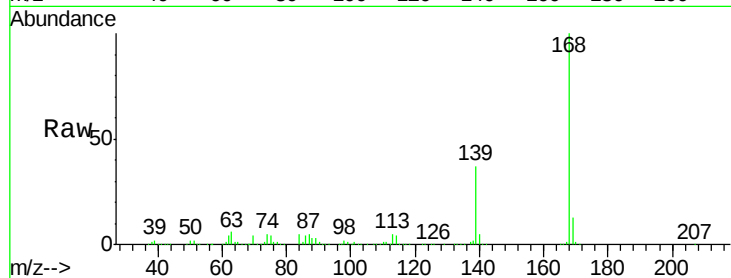




#55
 Dibenzofuran
 Concen: 38.235 ng
 RT: 14.83 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

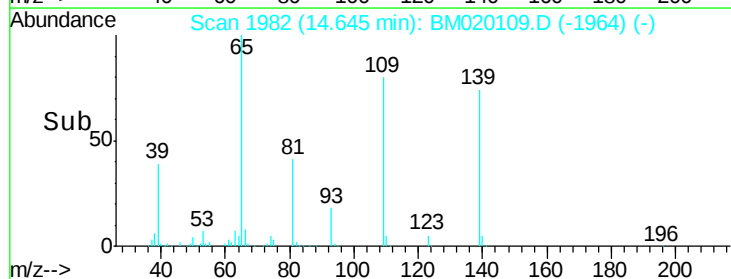
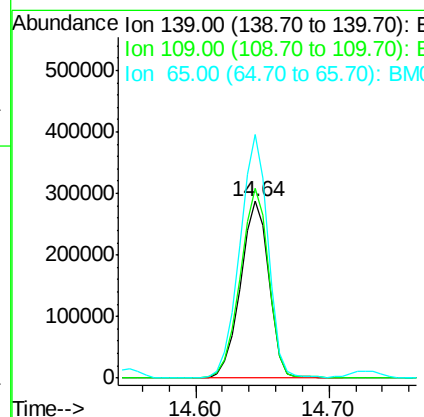
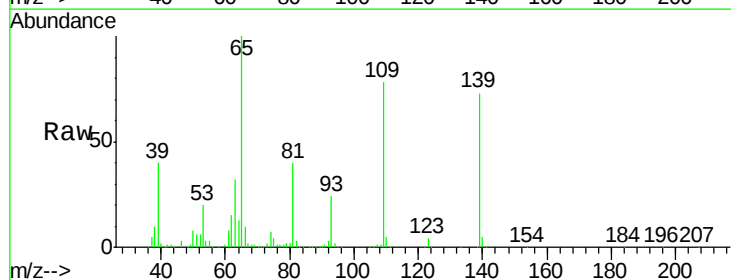
Instrument :
 BNA_M
 ClientSampled :

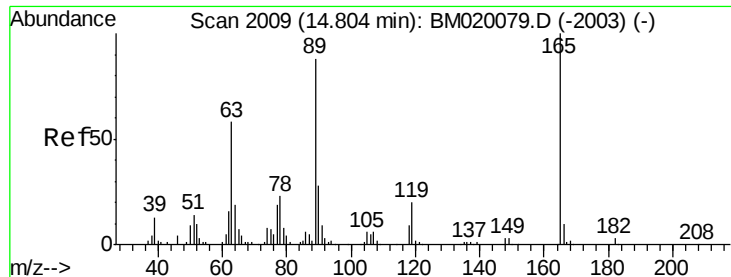
Tot Ion:168 Resp: 1565214
 Ion Ratio Lower Upper
 168 100
 139 37.5 31.1 46.7
 169 13.1 10.6 16.0



#56
 4-Nitrophenol
 Concen: 74.326 ng
 RT: 14.64 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:139 Resp: 423968
 Ion Ratio Lower Upper
 139 100
 109 107.7 94.1 134.1
 65 137.8 120.9 160.9

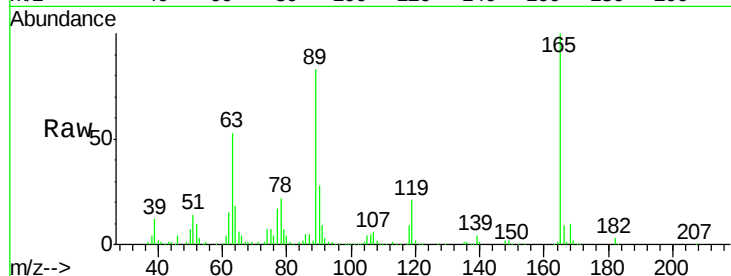




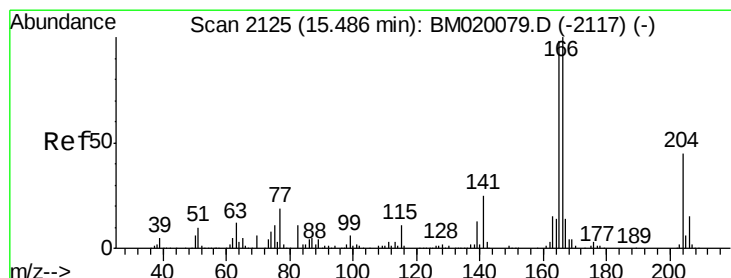
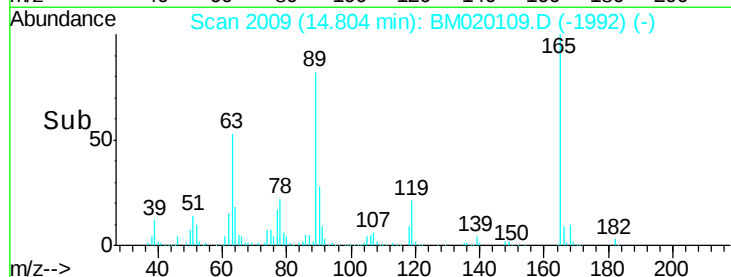
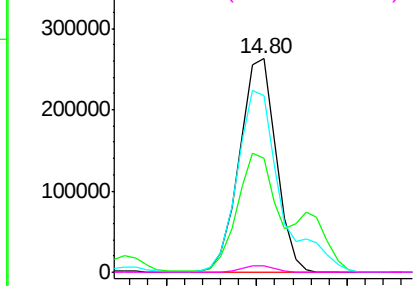
#57
 2,4-Dinitrotoluene
 Concen: 37.792 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	165	Resp:	369903
Ion	Ratio	Lower	Upper
165	100		
63	53.3	46.2	69.2
89	82.6	70.6	105.8
182	3.1	2.2	3.2

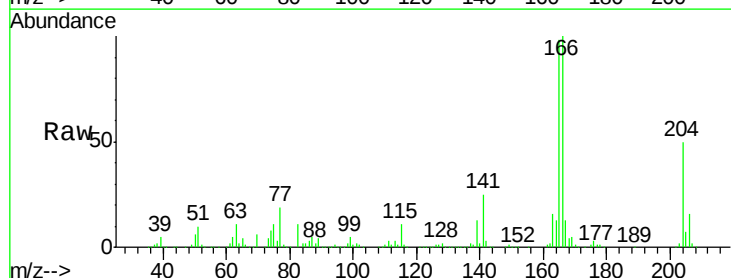


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

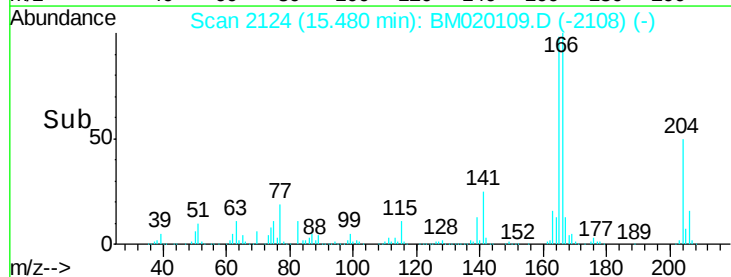
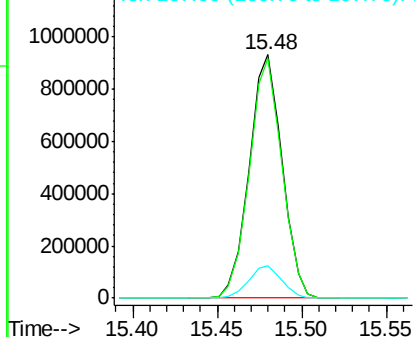


#58
 Fluorene
 Concen: 37.606 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:	166	Resp:	1264338
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.2
167	13.2	11.0	16.4



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

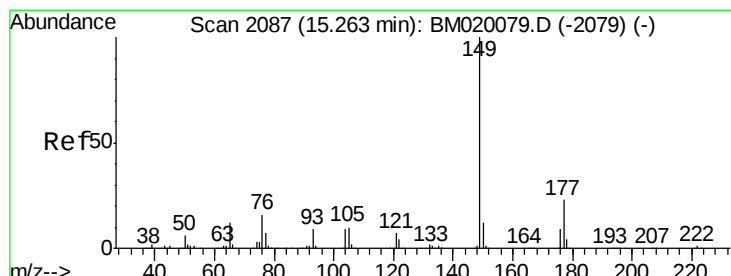
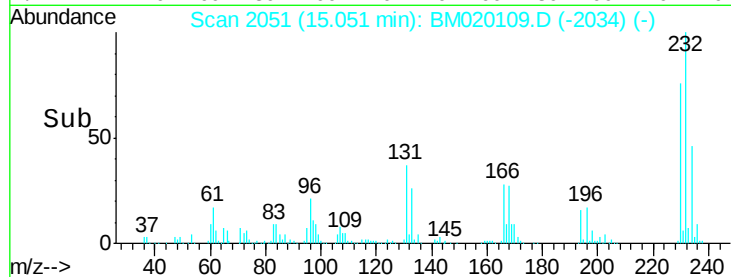
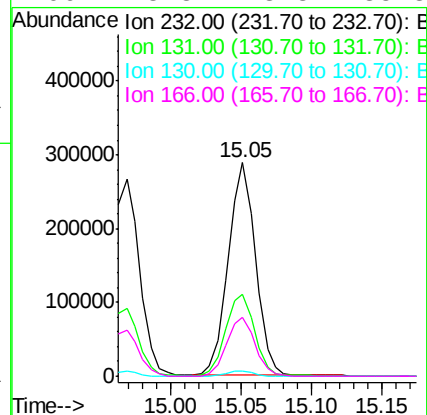
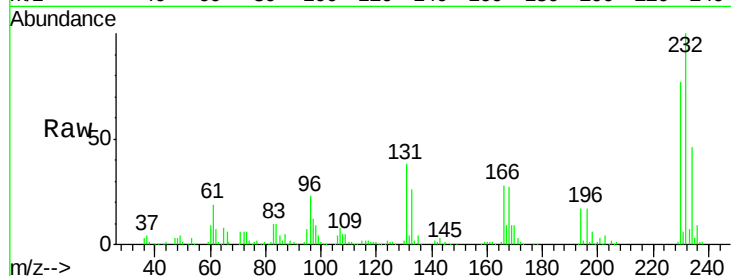




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.006 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

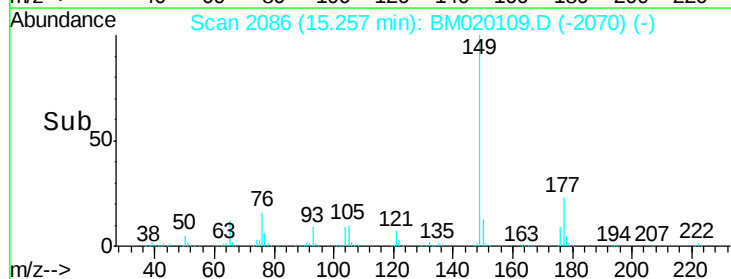
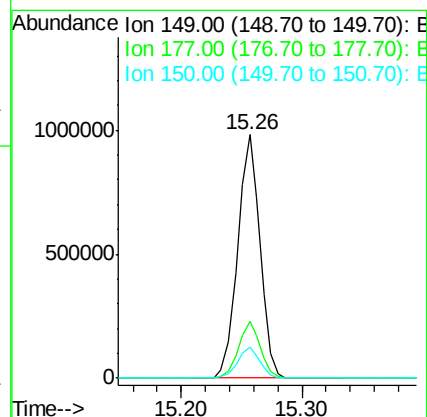
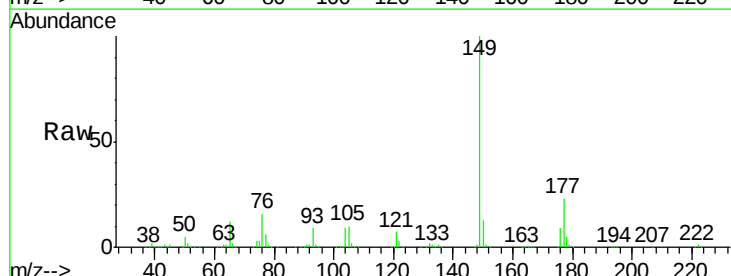
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	232	Resp:	389497
Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.2	51.4
130	2.4	2.0	3.0
166	28.8	23.8	35.8



#60
 Diethylphthalate
 Concen: 36.410 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:	149	Resp:	1254544
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.4
150	12.9	9.9	14.9

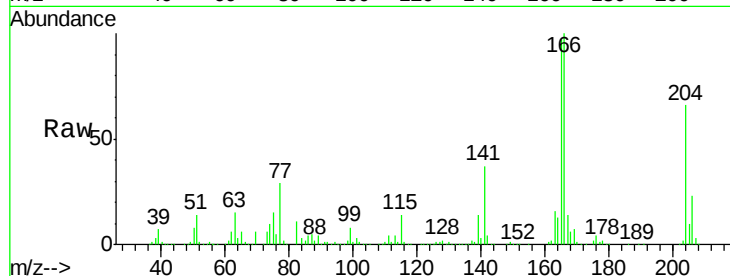




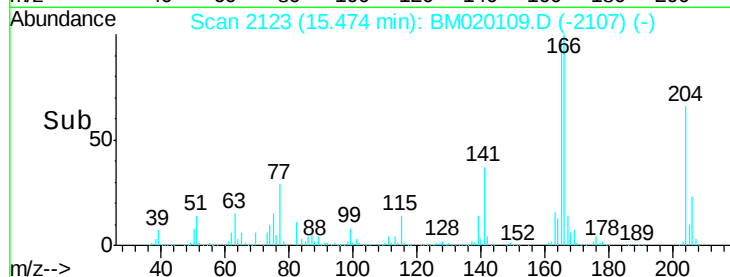
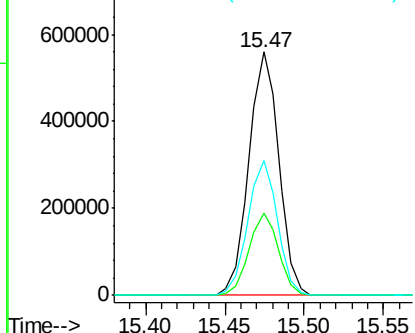
#61
 4-Chlorophenyl-phenylether
 Concen: 38.675 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 736736
 Ion Ratio Lower Upper
 204 100
 206 33.9 25.6 38.4
 141 55.3 46.1 69.1

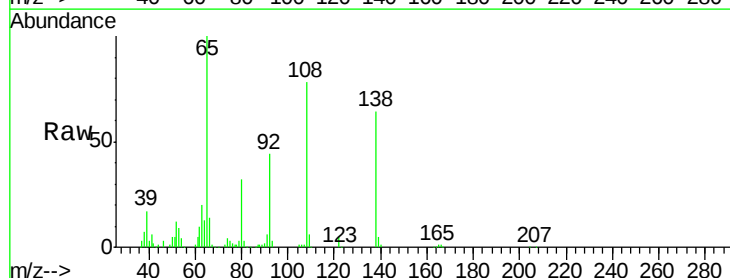


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

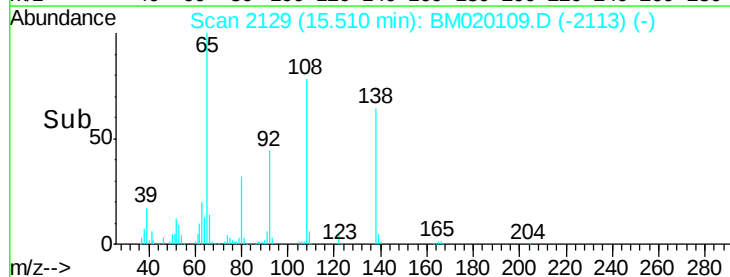
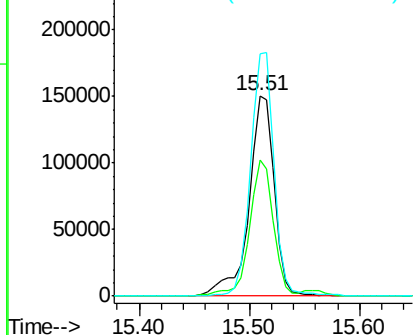


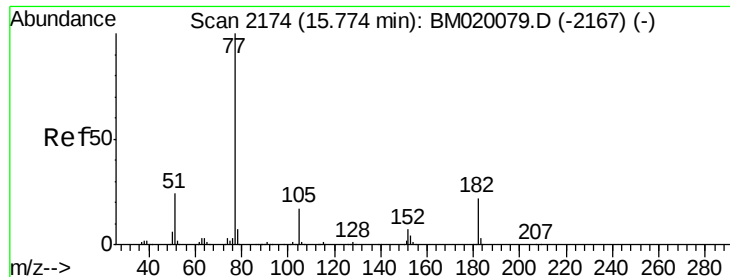
#62
 4-Nitroaniline
 Concen: 33.012 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:138 Resp: 243567
 Ion Ratio Lower Upper
 138 100
 92 67.9 45.9 85.9
 108 121.0 97.7 137.7



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: 35.908 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

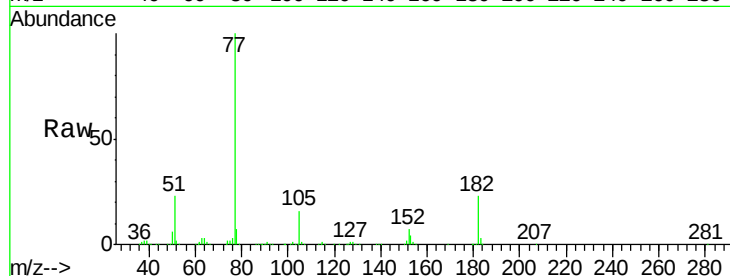
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1459627

Ion	Ratio	Lower	Upper
77	100		
182	22.7	2.1	42.1
105	16.4	0.0	36.8
51	23.1	3.8	43.8

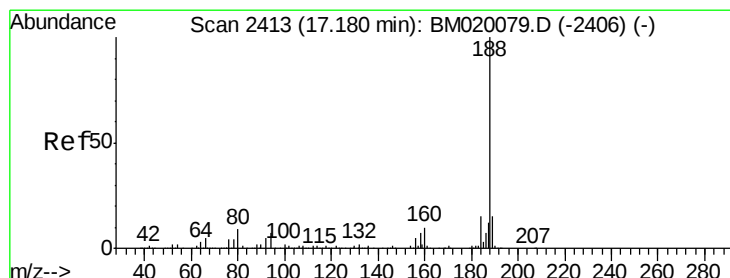
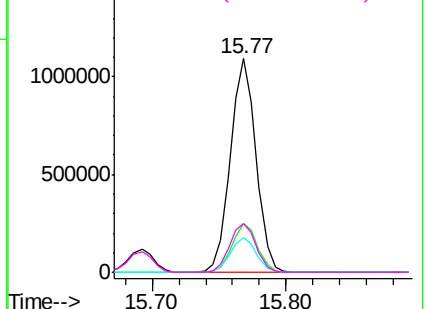
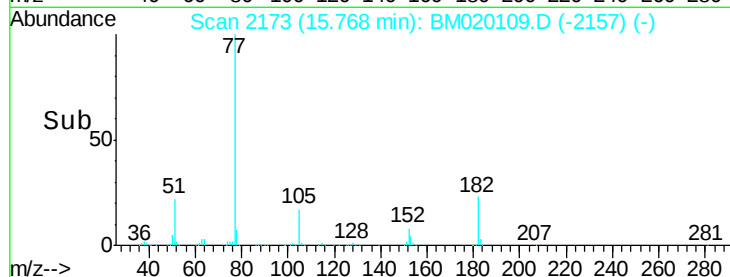


Abundance Ion 77.00 (76.70 to 77.70): BM020109.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020109.D (-2167) (-)

Ion 105.00 (104.70 to 105.70): BM020109.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020109.D (-2167) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

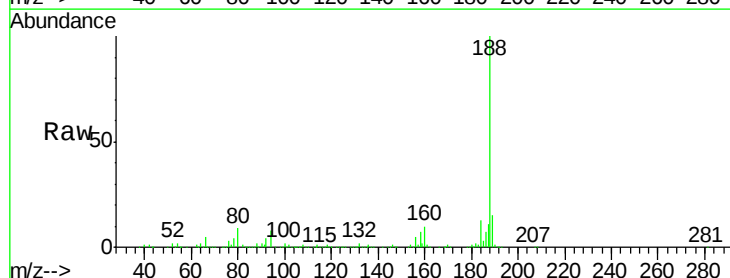
Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion: 188 Resp: 897312

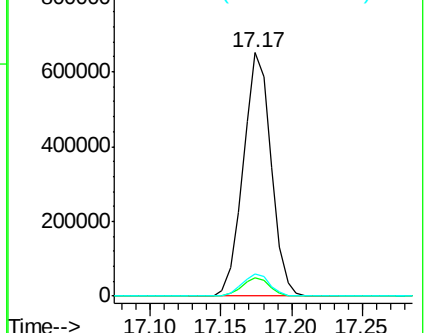
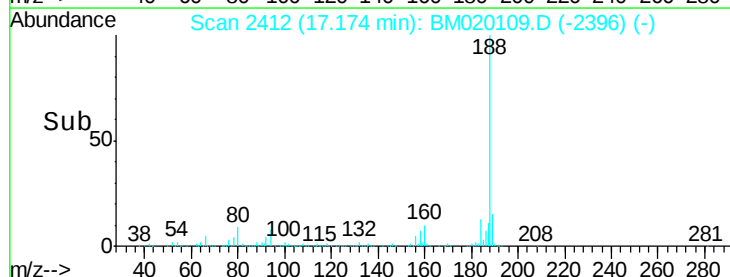
Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.6
80	9.3	7.4	11.2

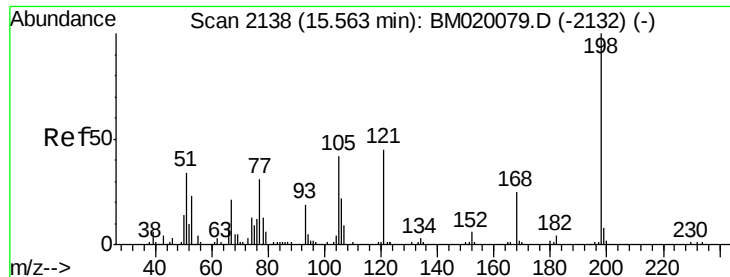


Abundance Ion 188.00 (187.70 to 188.70): BM020109.D (-2396) (-)

Ion 94.00 (93.70 to 94.70): BM020109.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020109.D (-2396) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 42.605 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

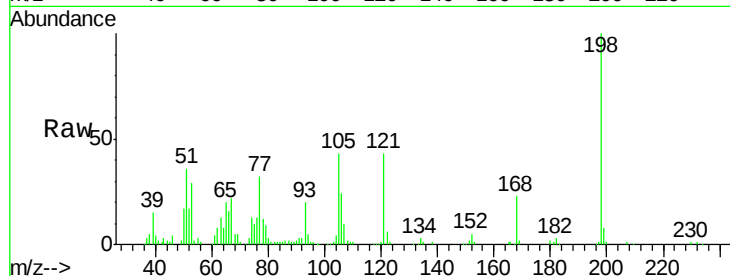
Tot Ion:198 Resp: 188612

Ion Ratio Lower Upper

198 100

51 36.3 16.5 56.5

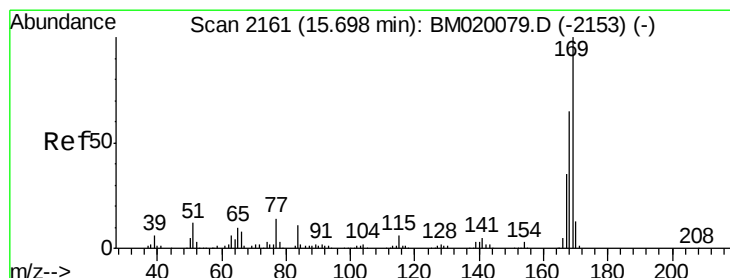
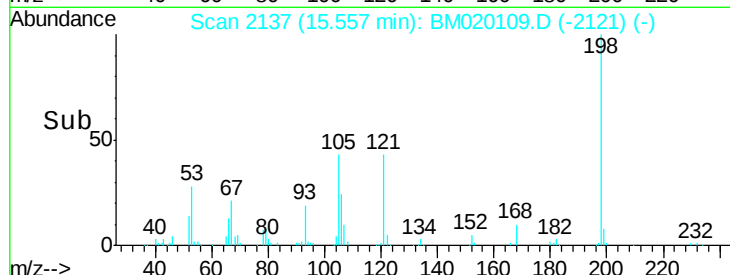
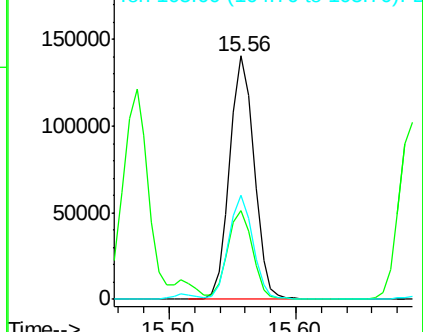
105 42.7 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.171 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

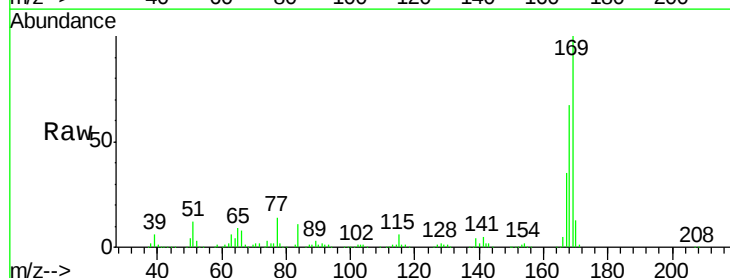
Tgt Ion:169 Resp: 1087080

Ion Ratio Lower Upper

169 100

168 67.1 51.9 77.9

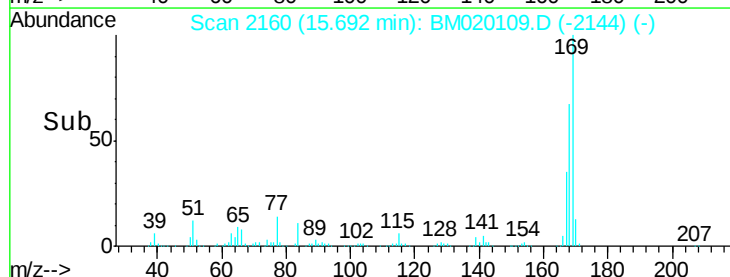
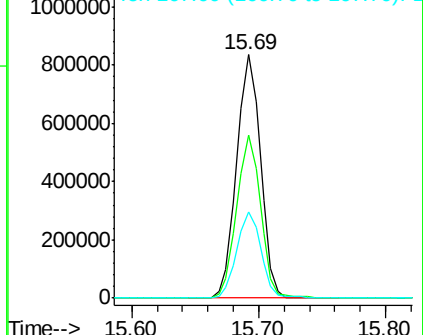
167 35.5 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

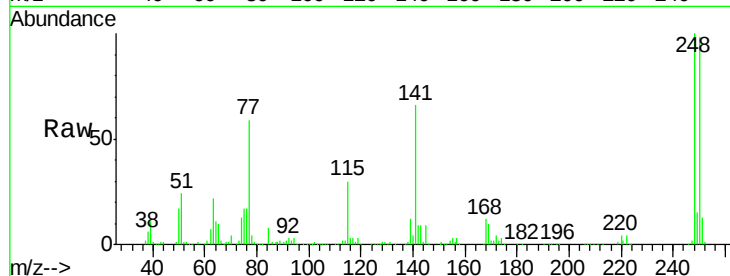




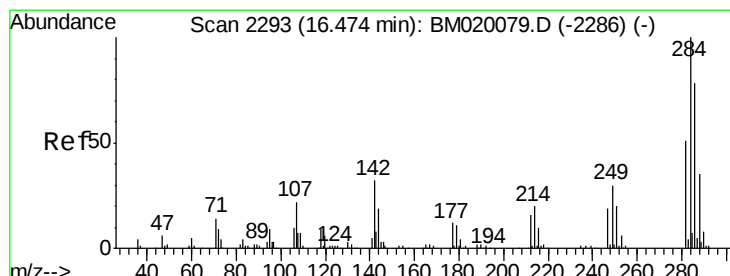
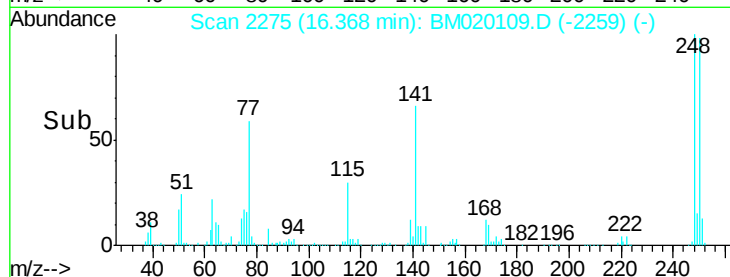
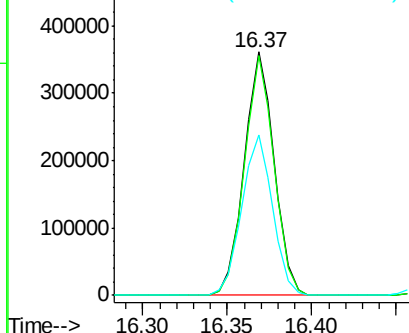
#67
4-Bromophenyl-phenylether
Concen: 40.702 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 447857
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 66.0 57.4 86.2

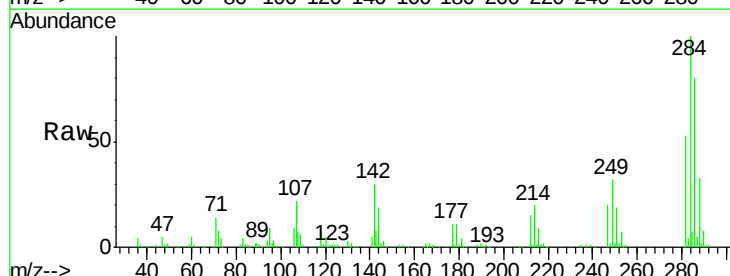


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

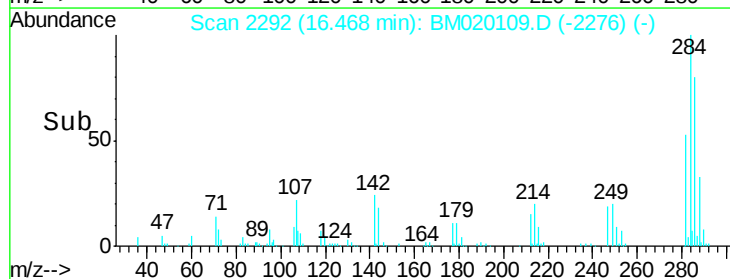
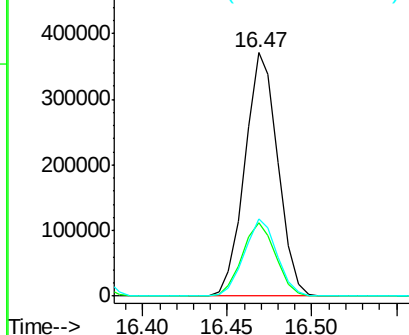


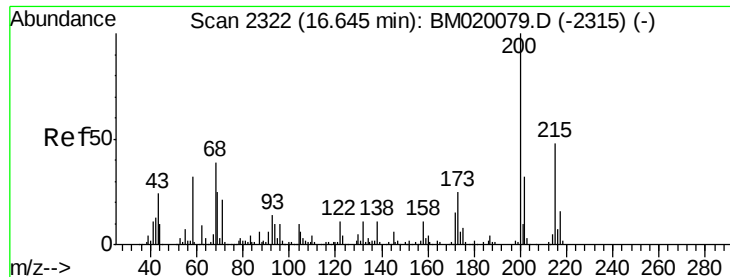
#68
Hexachlorobenzene
Concen: 39.838 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion:284 Resp: 504435
Ion Ratio Lower Upper
284 100
142 30.1 25.2 37.8
249 31.5 23.6 35.4



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

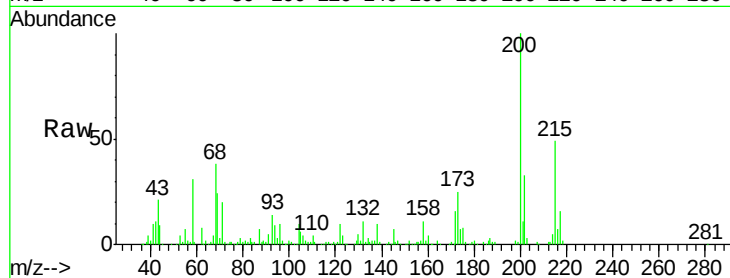




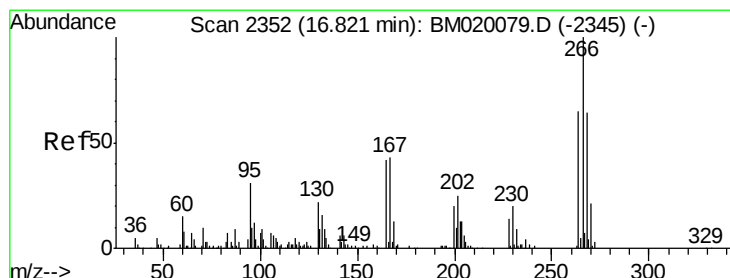
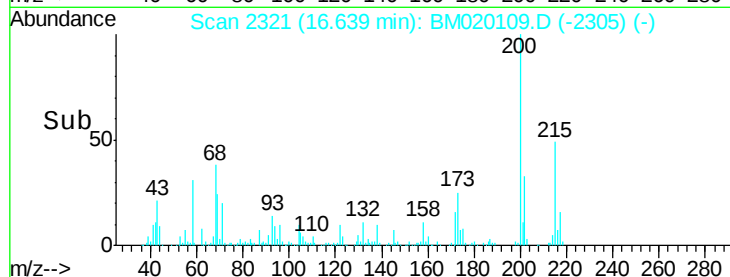
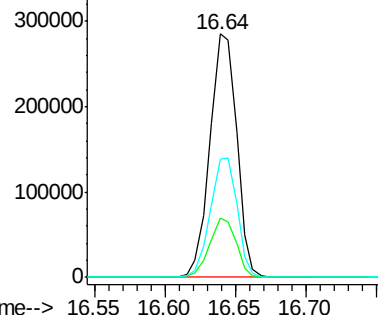
#69
 Atrazine
 Concen: 36.729 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.6	44.6
215	48.8	28.0	68.0

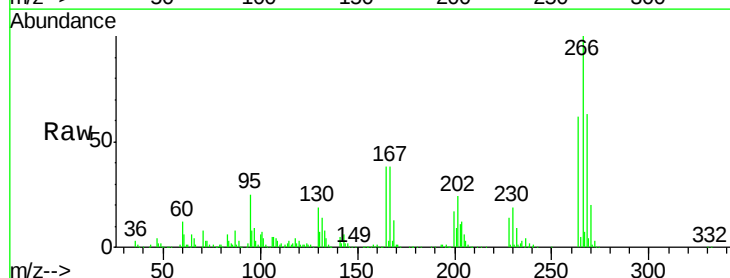


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

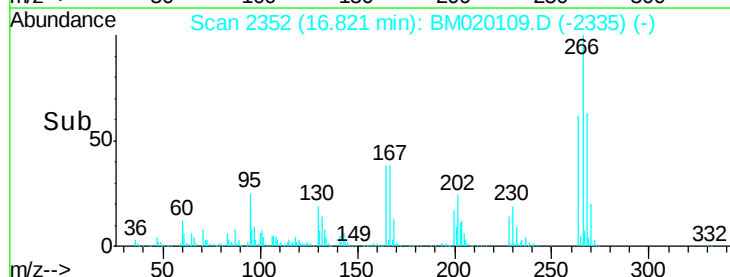
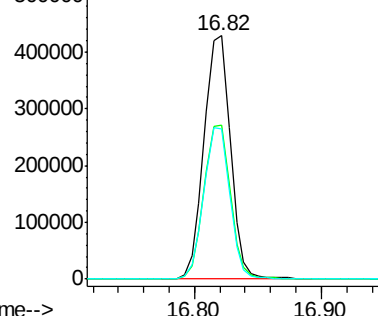


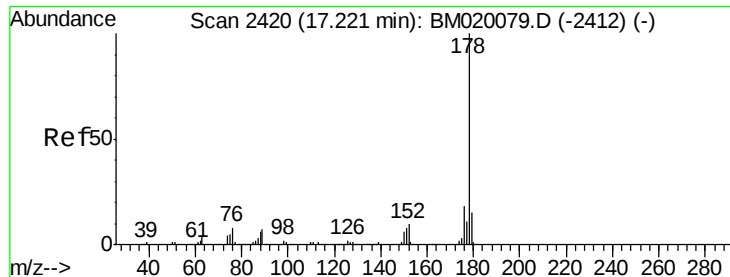
#70
 Pentachlorophenol
 Concen: 85.513 ng
 RT: 16.82 min Scan# 2352
 Delta R.T. -0.00 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	61.5	52.0	78.0



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

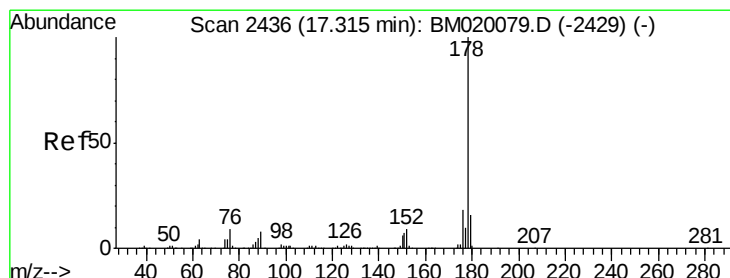
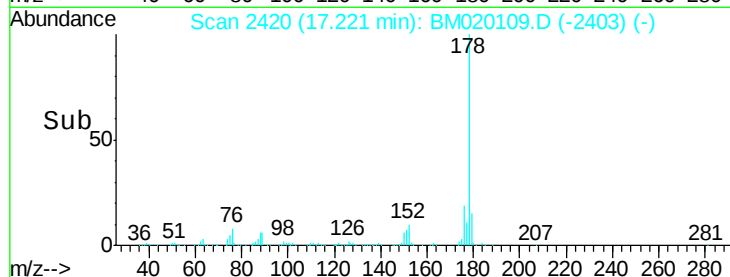
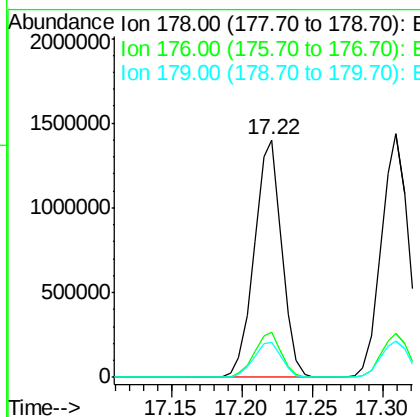
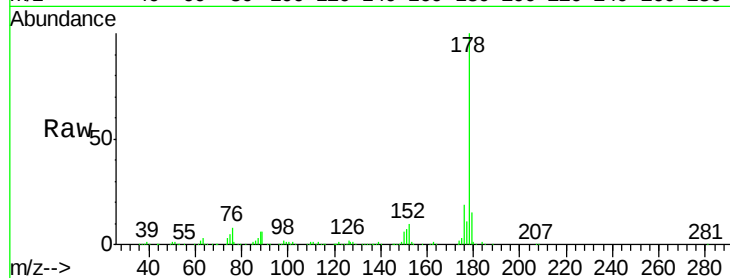




#71
Phenanthrene
Concen: 38.616 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

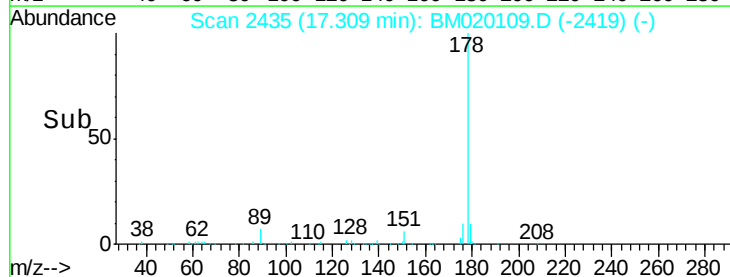
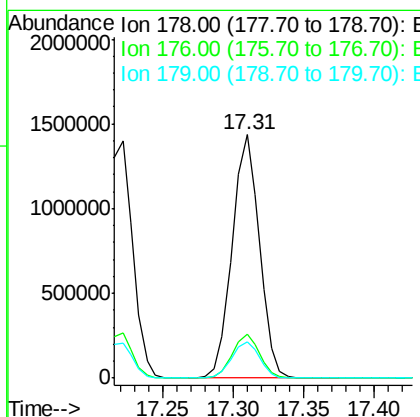
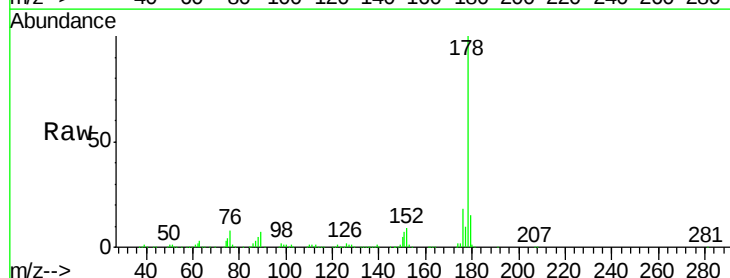
Instrument :
BNA_M
ClientSampleId :

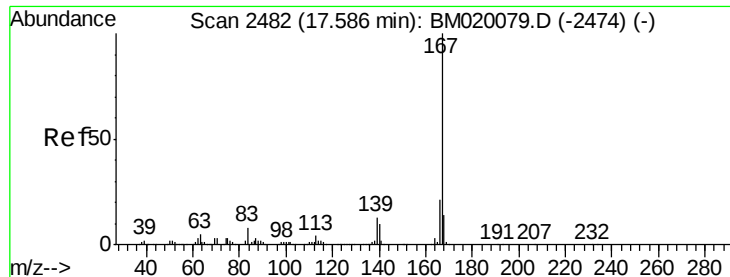
Tot Ion:178 Resp: 1912732
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.0 12.4 18.6



#72
Anthracene
Concen: 38.978 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020109.D
Acq: 03 May 2019 13:28

Tgt Ion:178 Resp: 1930331
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.1 12.4 18.6





#73

Carbazole

Concen: 36.420 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

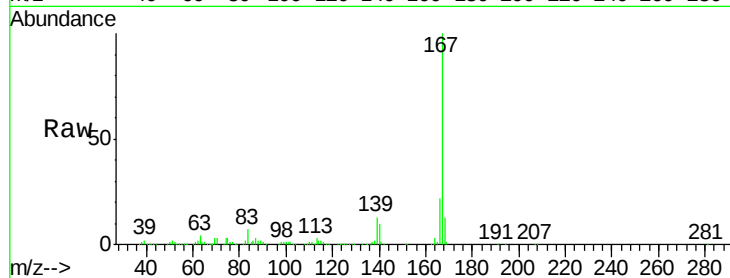
Tot Ion:167 Resp: 1627472

Ion Ratio Lower Upper

167 100

166 22.2 17.0 25.6

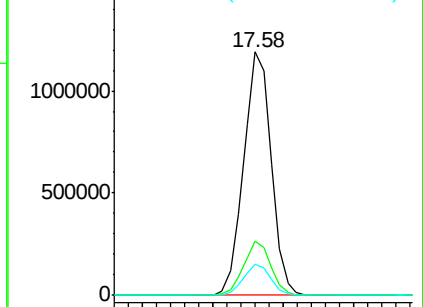
139 12.7 10.6 16.0



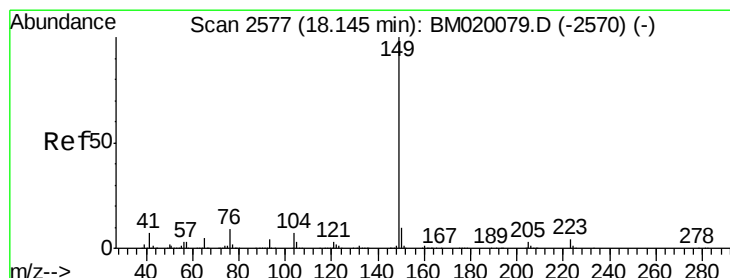
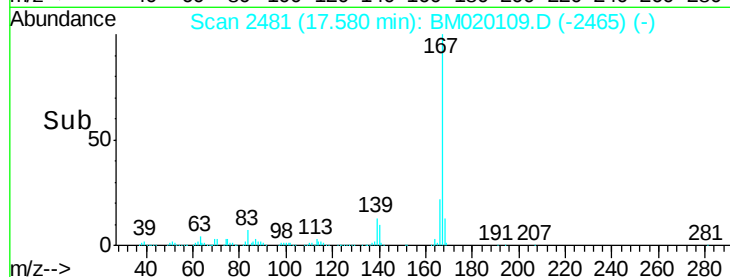
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 36.203 ng

RT: 18.14 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

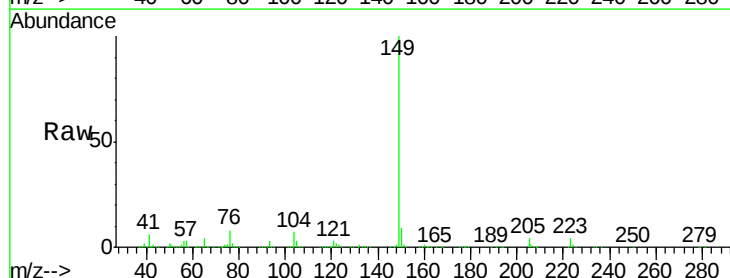
Tgt Ion:149 Resp: 1946905

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

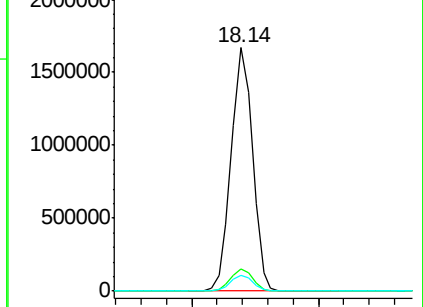
104 6.7 5.7 8.5



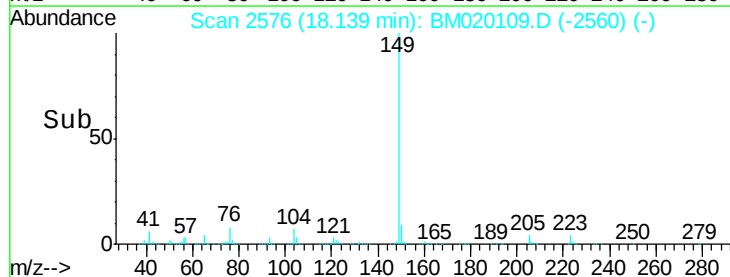
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 35.294 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

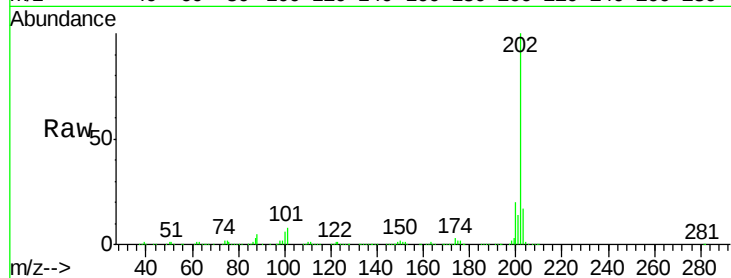
Tot Ion:202 Resp: 2211932

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.4

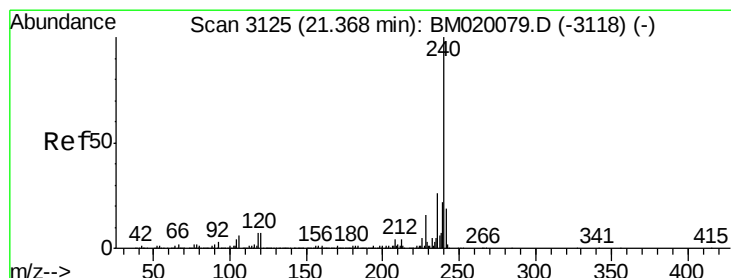
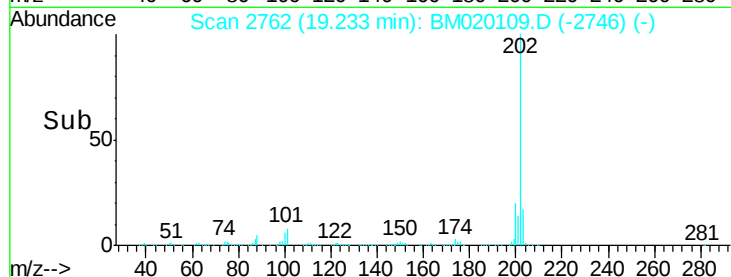
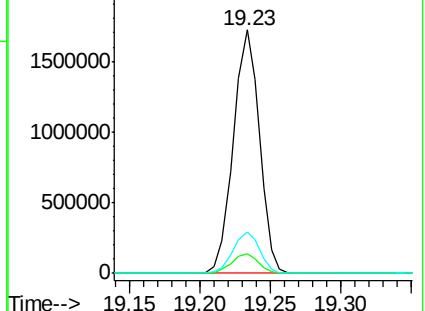
203 17.3 0.0 37.4



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: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

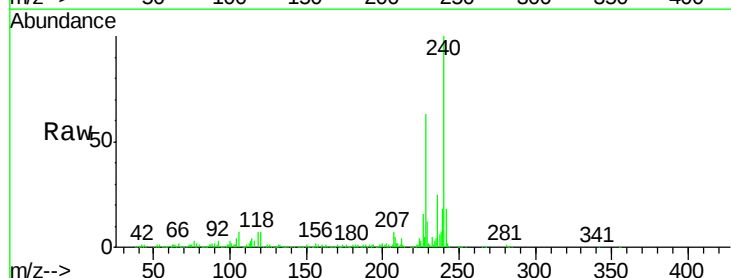
Tgt Ion:240 Resp: 754674

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

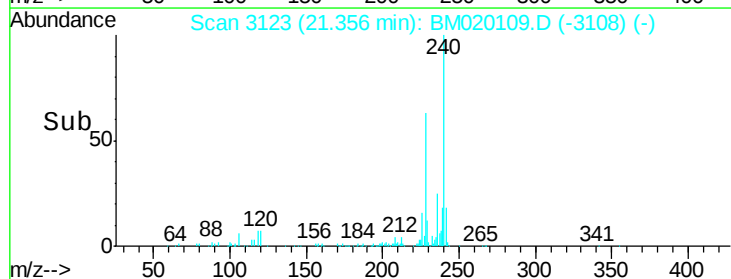
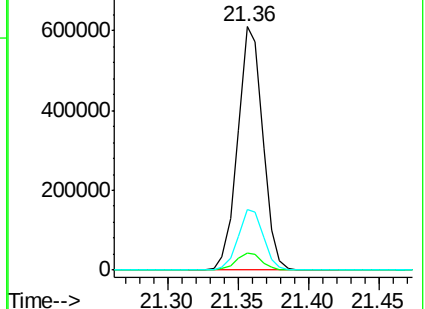
236 24.9 20.9 31.3

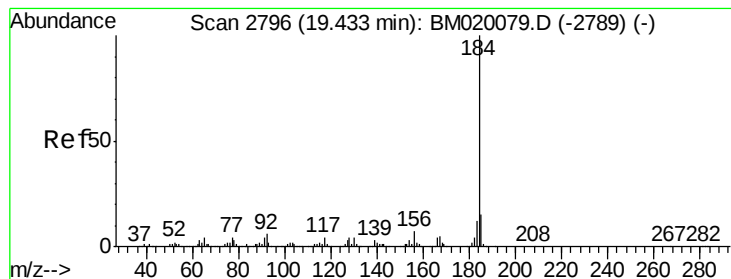


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.972 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

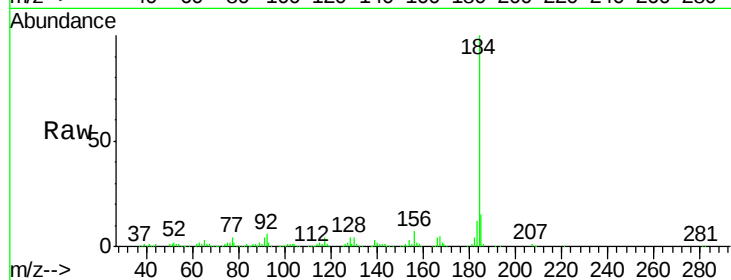
Tot Ion:184 Resp: 626632

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

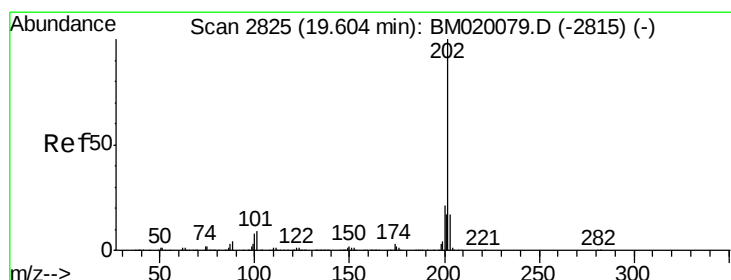
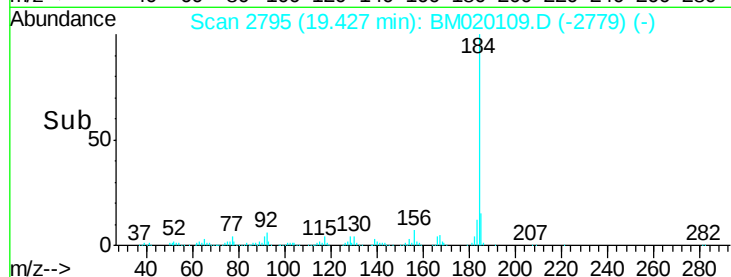
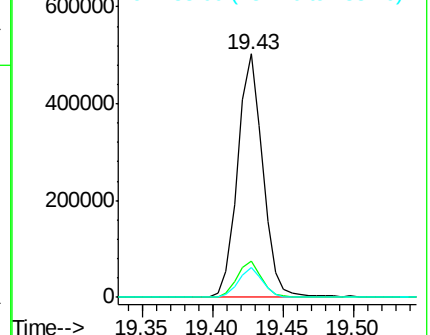
183 12.2 9.5 14.3



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: 43.789 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

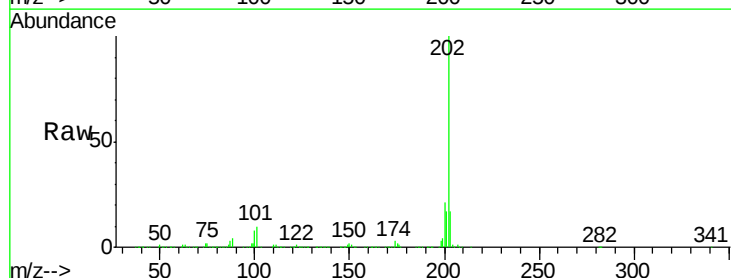
Tgt Ion:202 Resp: 2218706

Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

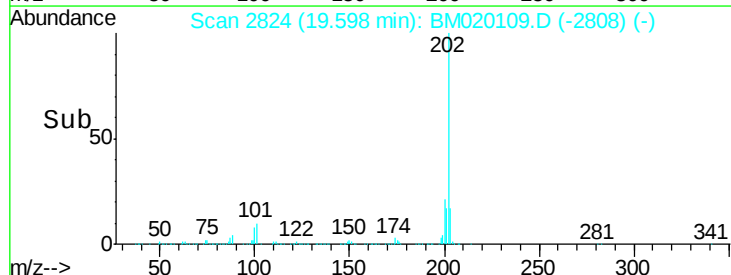
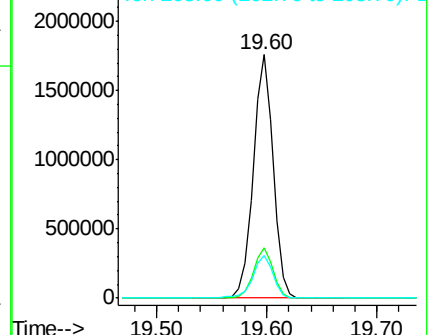
203 17.5 13.9 20.9



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: 85.833 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

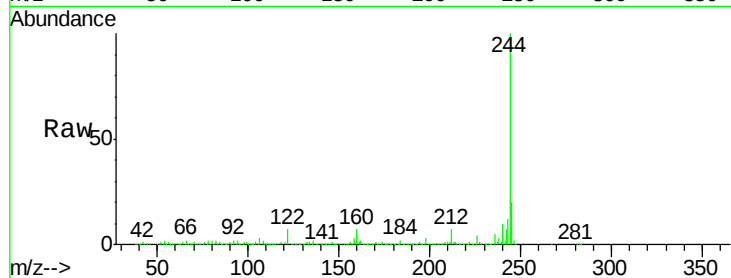
Tot Ion:244 Resp: 3713772

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

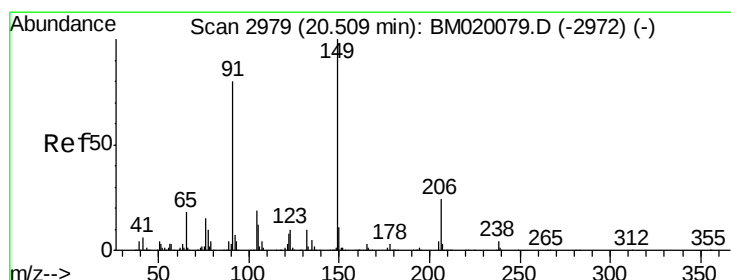
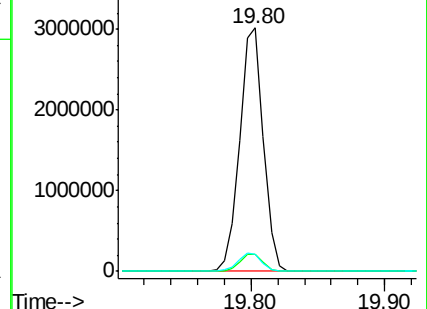
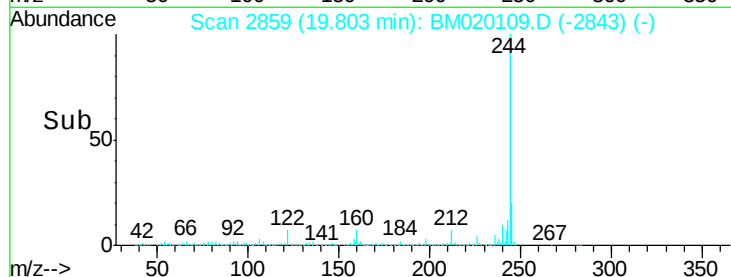
122 7.2 6.2 9.2



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: 42.435 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

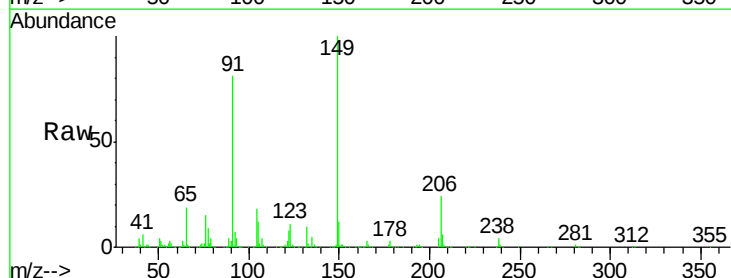
Tgt Ion:149 Resp: 781895

Ion Ratio Lower Upper

149 100

91 80.8 63.8 95.8

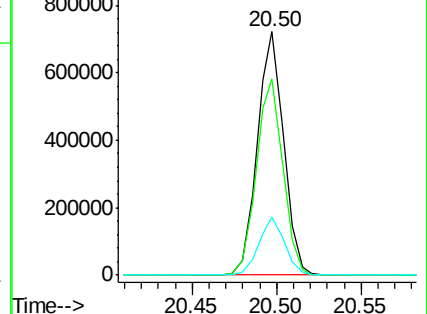
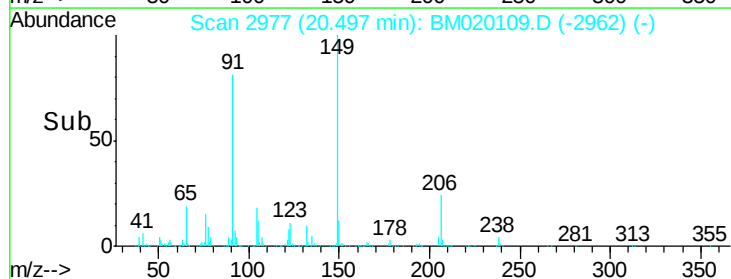
206 23.6 18.9 28.3

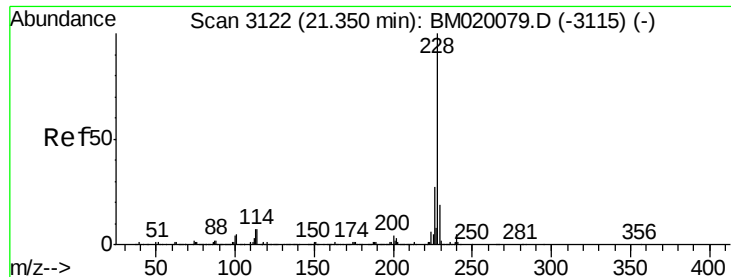


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.703 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

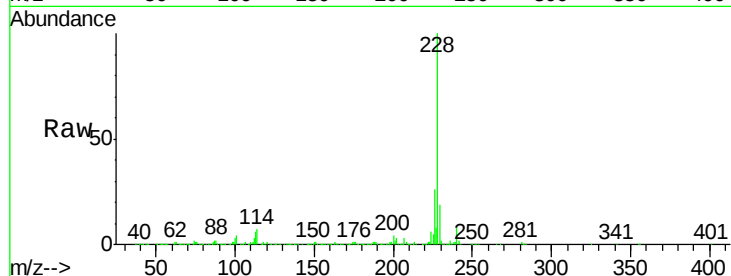
Tot Ion:228 Resp: 1995424

Ion Ratio Lower Upper

228 100

226 25.6 21.3 31.9

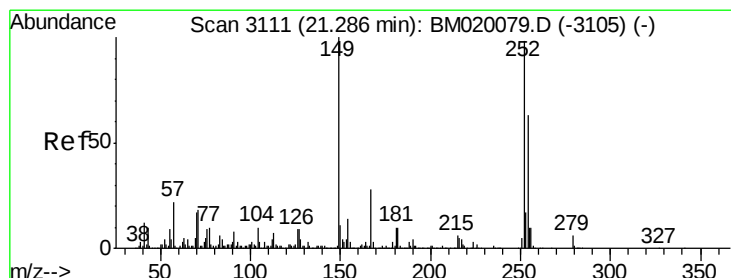
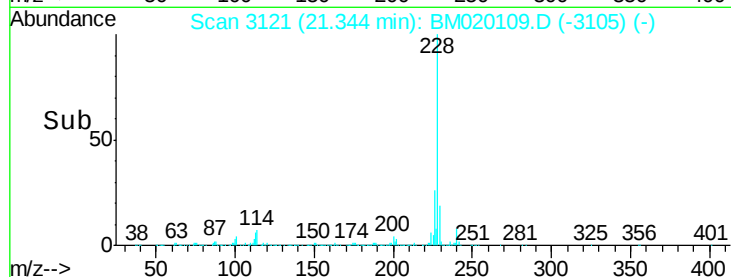
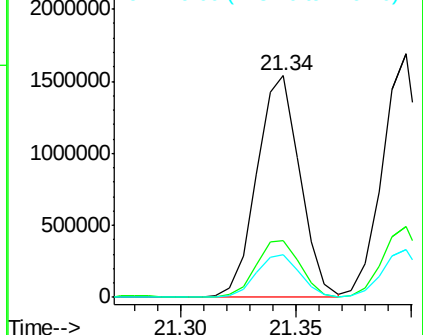
229 19.2 15.5 23.3



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: 34.596 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

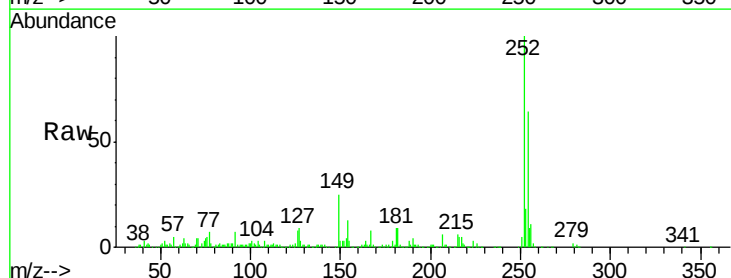
Tgt Ion:252 Resp: 698840

Ion Ratio Lower Upper

252 100

254 64.1 51.1 76.7

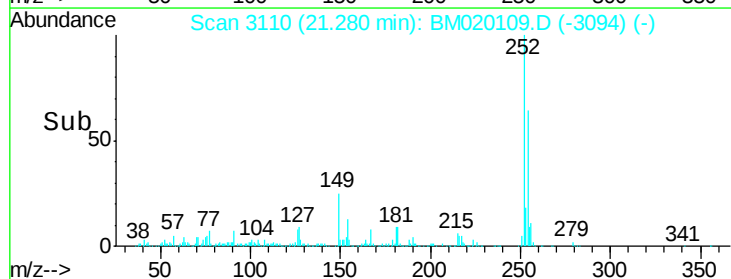
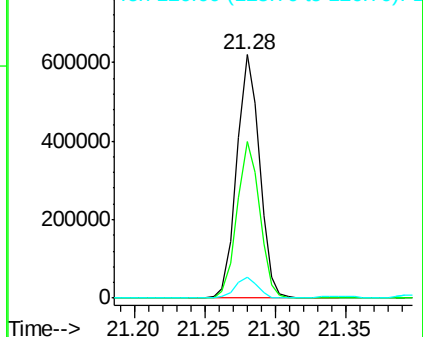
126 8.4 7.1 10.7

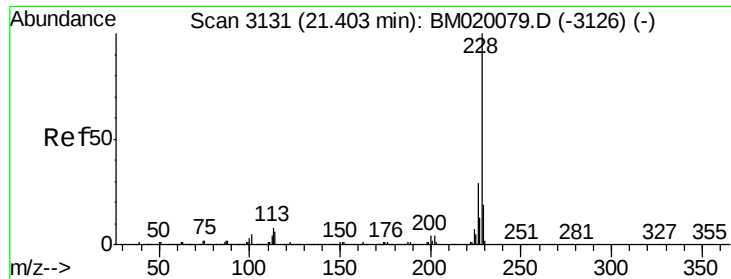


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.450 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

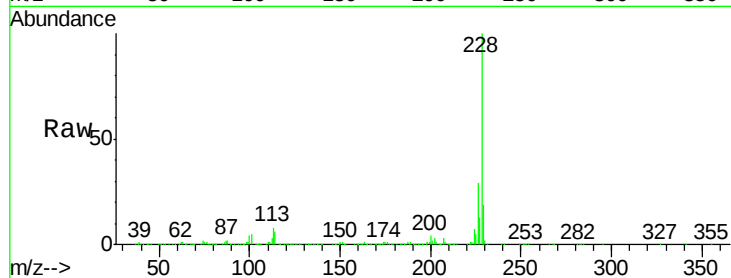
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1973554

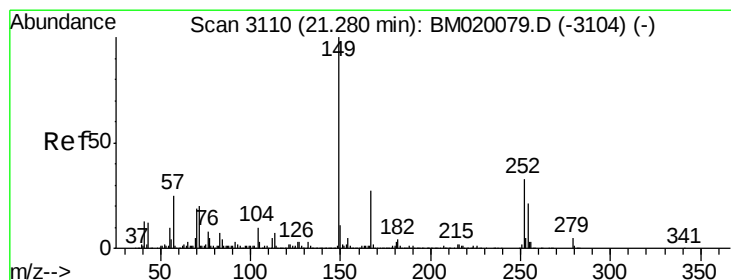
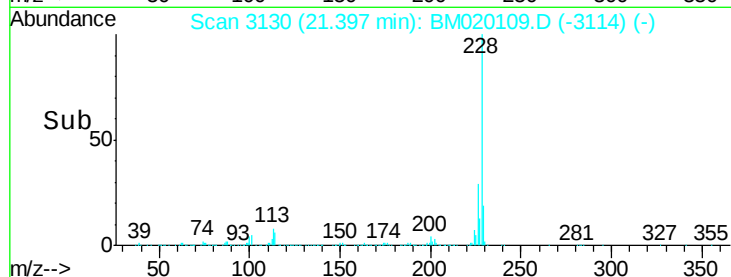
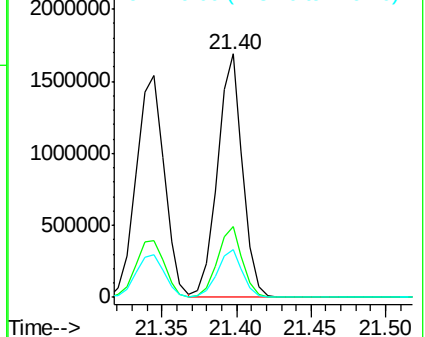
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	19.5	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.278 ng

RT: 21.27 min Scan# 3108

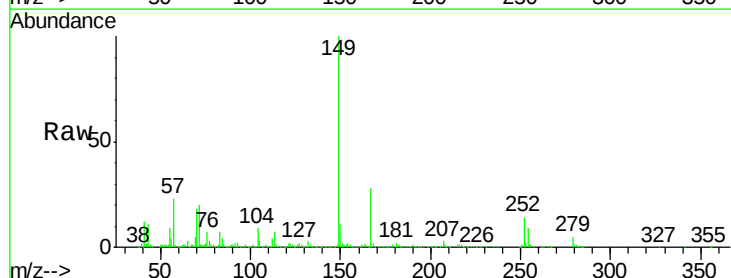
Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:149 Resp: 1094421

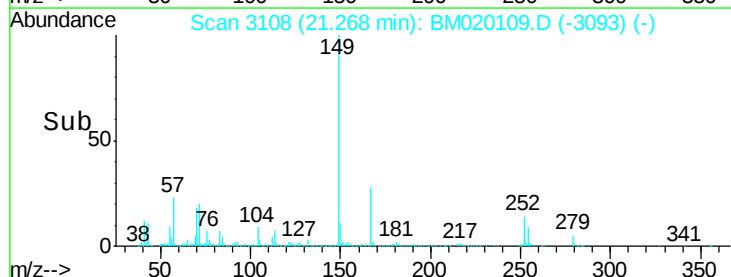
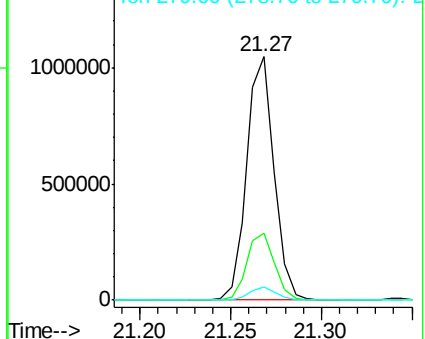
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	5.4	4.2	6.2

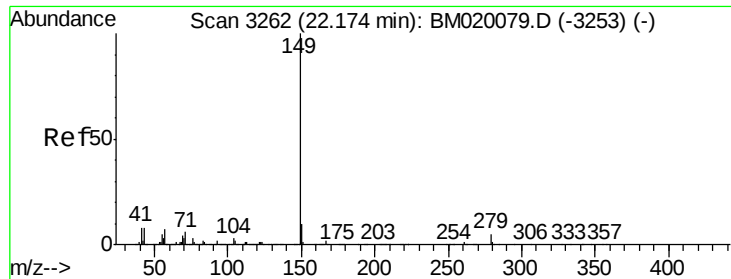


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.815 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

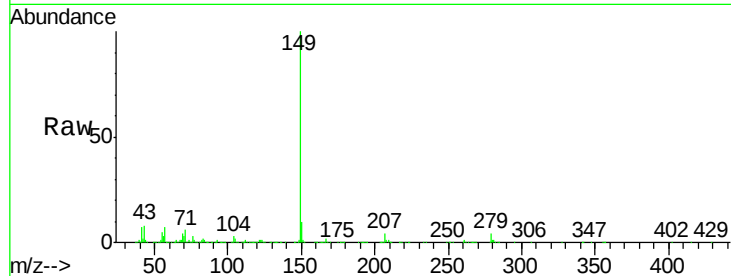
Tot Ion:149 Resp: 1749483

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

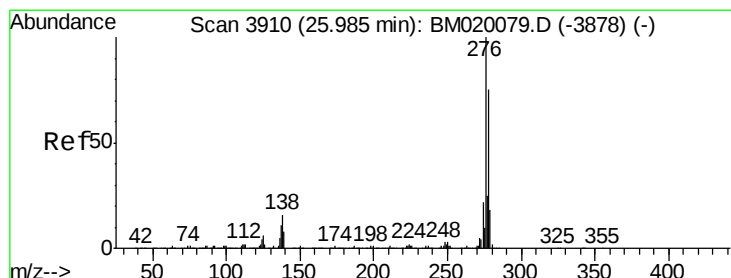
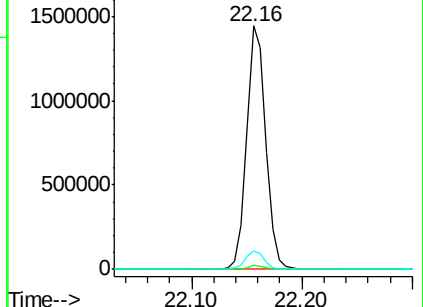
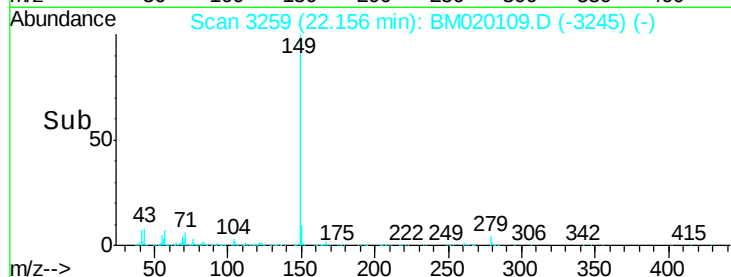
43 7.5 6.5 9.7



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: 35.526 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.02 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

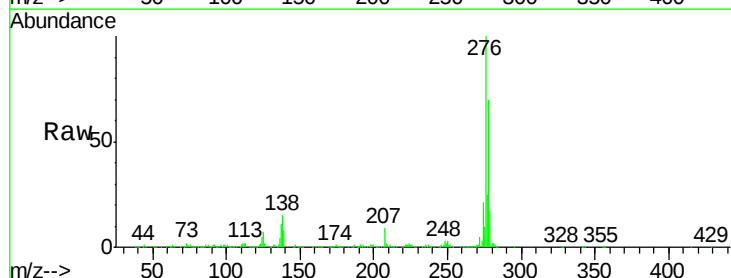
Tgt Ion:276 Resp: 2169015

Ion Ratio Lower Upper

276 100

138 16.1 0.0 0.0#

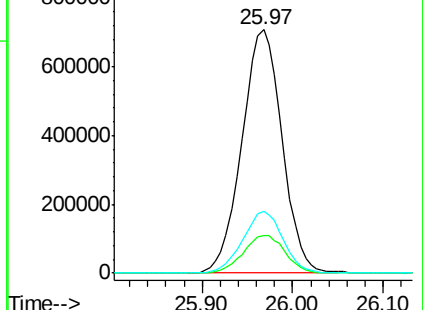
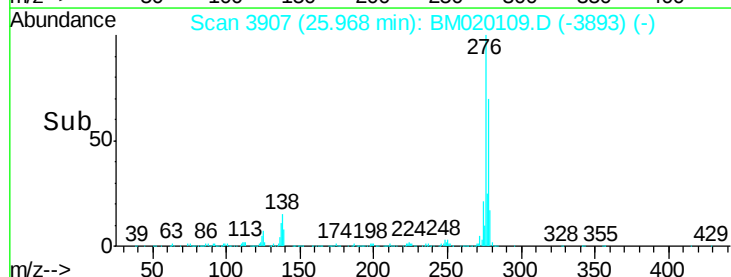
277 25.4 0.0 0.0#

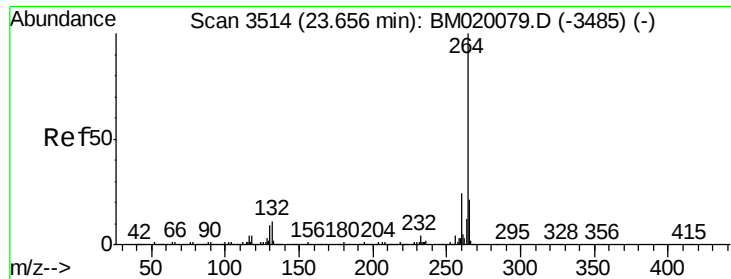


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

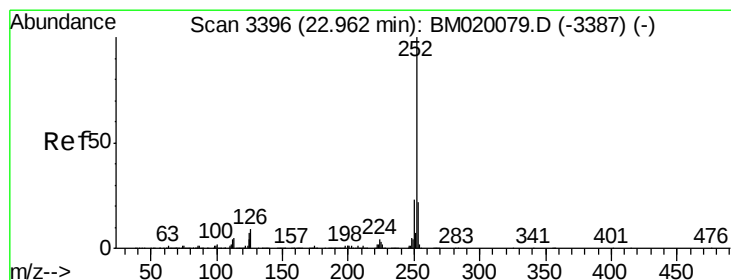
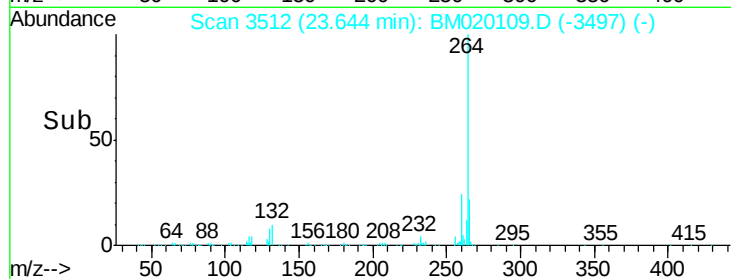
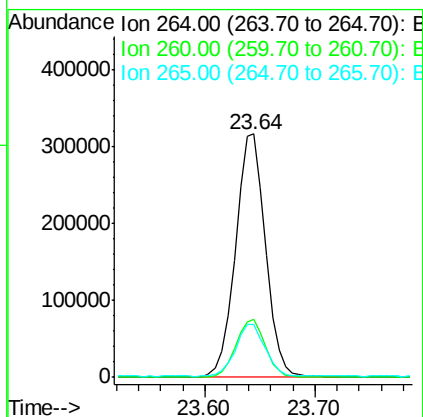
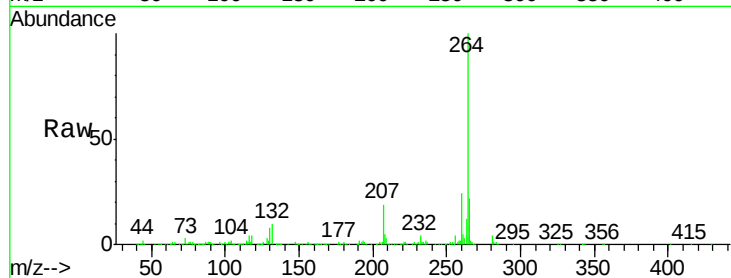




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

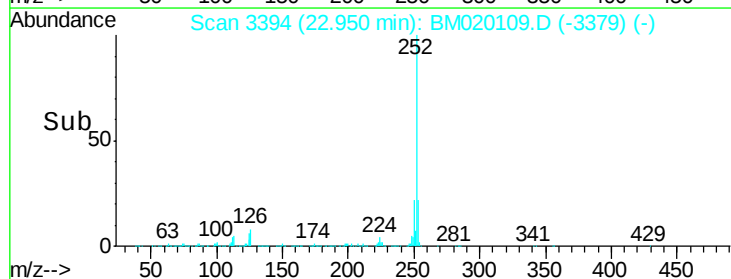
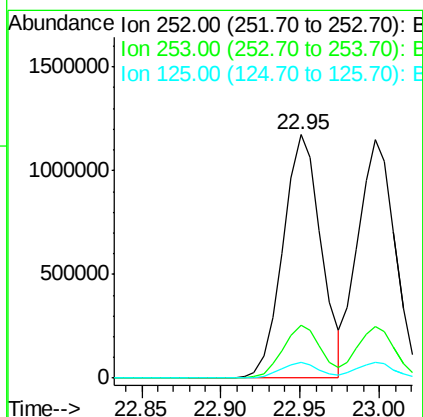
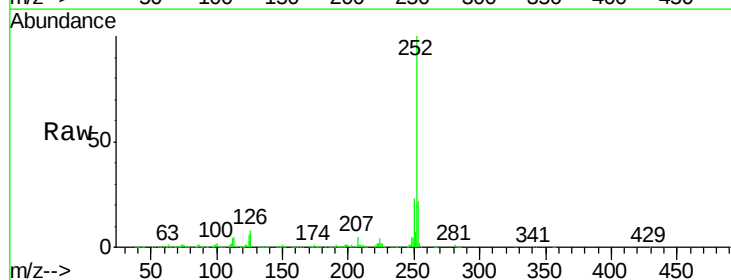
Instrument :
 BNA_M
 ClientSampleId :

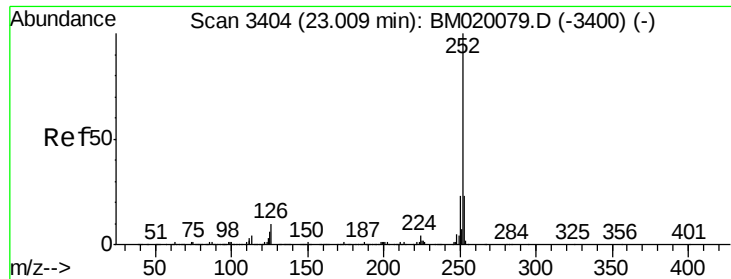
Tot Ion:264 Resp: 604088
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 49.093 ng
 RT: 22.95 min Scan# 3394
 Delta R.T. -0.01 min
 Lab File: BM020109.D
 Acq: 03 May 2019 13:28

Tgt Ion:252 Resp: 1958343
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 6.3 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 51.560 ng

RT: 23.00 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Instrument :

BNA_M

ClientSampleId :

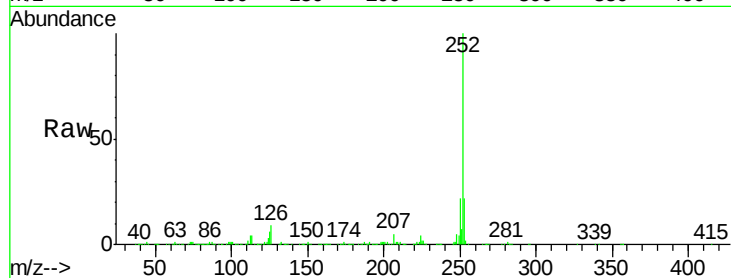
Tot Ion:252 Resp: 1876156

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

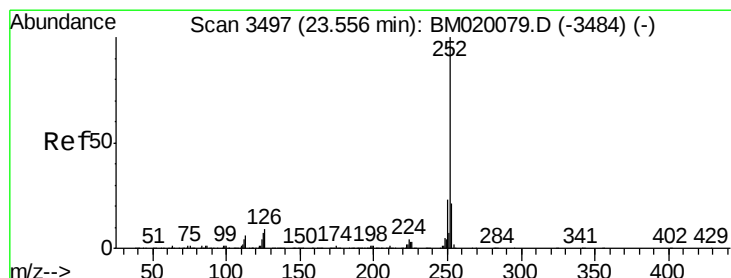
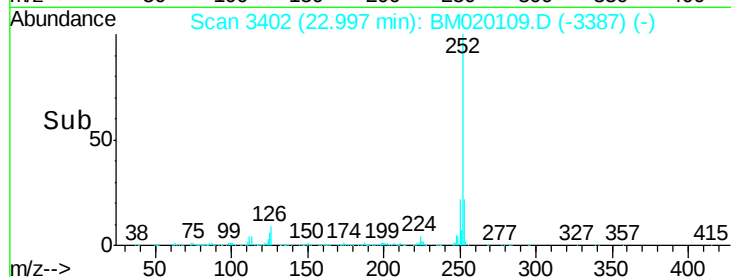
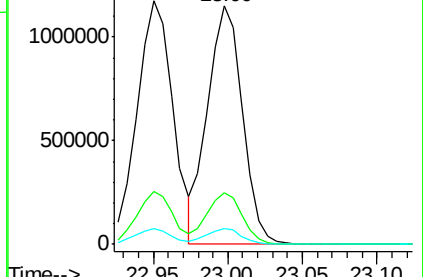
125 6.5 5.4 8.0



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: 50.529 ng

RT: 23.54 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

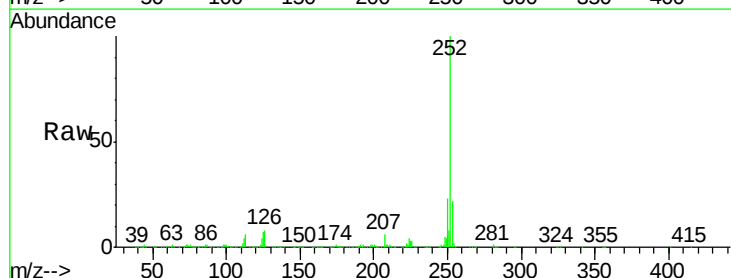
Tgt Ion:252 Resp: 1830858

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

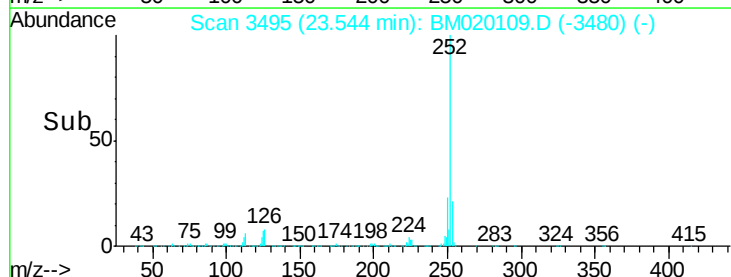
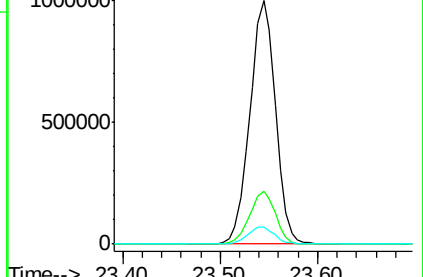
125 7.3 5.5 8.3

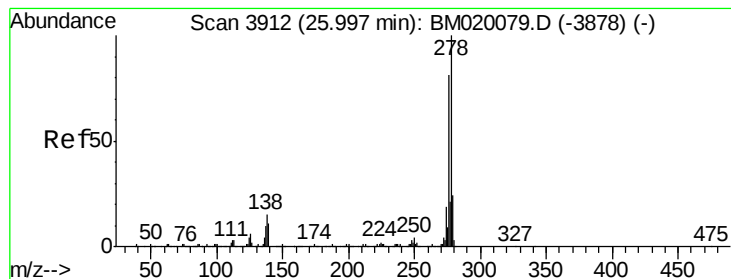


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.509 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.02 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

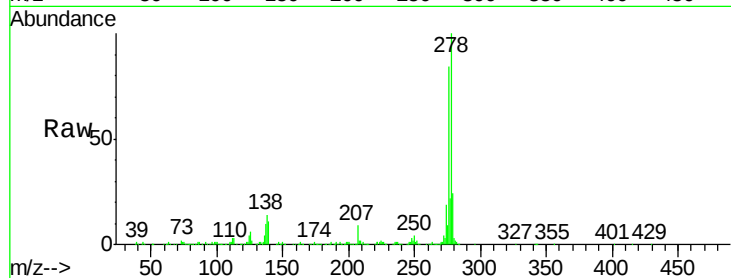
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1865577

Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.6	13.0
279	23.9	18.8	28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.98

800000

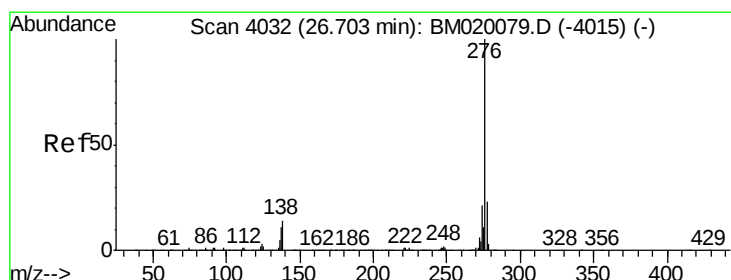
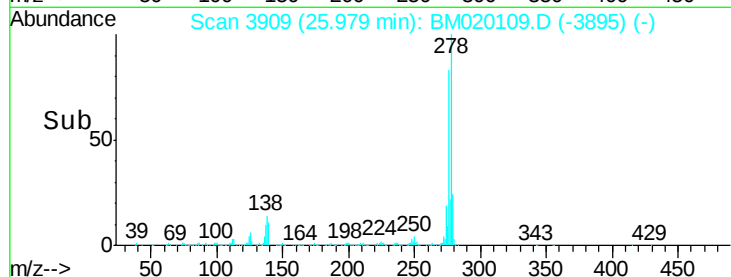
600000

400000

200000

0

Time-->



#92

Benzo(g,h,i)perylene

Concen: 50.139 ng

RT: 26.69 min Scan# 4029

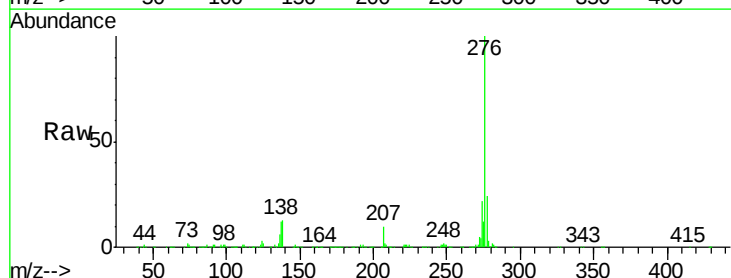
Delta R.T. -0.02 min

Lab File: BM020109.D

Acq: 03 May 2019 13:28

Tgt Ion:276 Resp: 1793706

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	12.9	11.1	16.7



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

26.69

800000

600000

400000

200000

0

Time-->

