

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050819\
 Data File : BM020198.D
 Acq On : 08 May 2019 17:07
 Operator : JU/SJ
 Sample : PB119288BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Quant Time: May 09 02:07:03 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	157836	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	561445	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	310108	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	645217	20.00	ng	0.00
76) Chrysene-d12	21.36	240	551668	20.00	ng	0.00
87) Perylene-d12	23.65	264	608688	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1279006	132.46	ng	0.00
7) Phenol-d6	6.96	99	1668086	126.45	ng	0.00
23) Nitrobenzene-d5	8.95	82	1039393	73.09	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	634602	131.84	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1973967	78.32	ng	-0.01
79) Terphenyl-d14	19.80	244	2612621	82.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	174604	36.869	ng	95
3) Pyridine	3.70	79	456946	37.727	ng	95
4) n-Nitrosodimethylamine	3.62	42	138265	35.600	ng	# 69
6) Aniline	7.12	93	506531	30.504	ng	97
8) 2-Chlorophenol	7.35	128	386115	36.724	ng	99
9) Benzaldehyde	6.93	77	286577	28.703	ng	95
10) Phenol	6.98	94	514655	36.241	ng	95
11) bis(2-Chloroethyl)ether	7.22	93	399727	38.727	ng	98
12) 1,3-Dichlorobenzene	7.67	146	456860	37.347	ng	95
13) 1,4-Dichlorobenzene	7.82	146	466725	37.768	ng	96
14) 1,2-Dichlorobenzene	8.13	146	441731	37.520	ng	95
15) Benzyl Alcohol	8.03	79	431289	33.906	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.32	45	301279	35.202	ng	98
17) 2-Methylphenol	8.23	107	332466	36.368	ng	95
18) Hexachloroethane	8.85	117	186877	36.268	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	377024	33.406	ng	96
20) 3+4-Methylphenols	8.55	107	444209	36.561	ng	96
22) Acetophenone	8.61	105	609644	39.731	ng	97
24) Nitrobenzene	8.99	77	548026	37.167	ng	96
25) Isophorone	9.52	82	925846	37.753	ng	97
26) 2-Nitrophenol	9.70	139	209061	46.965	ng	95
27) 2,4-Dimethylphenol	9.75	122	333249	44.967	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	512410	38.364	ng	99
29) 2,4-Dichlorophenol	10.23	162	371868	39.793	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	463821	40.337	ng	97
31) Naphthalene	10.63	128	1129934	38.782	ng	99
32) Benzoic acid	9.89	122	190234	37.719	ng	93
33) 4-Chloroaniline	10.75	127	225308	18.788	ng	95
34) Hexachlorobutadiene	10.89	225	315162	38.745	ng	99
35) Caprolactam	11.56	113	70795	25.336	ng	92
36) 4-Chloro-3-methylphenol	11.87	107	385353	35.090	ng	91
37) 2-Methylnaphthalene	12.25	142	824256	38.805	ng	97
38) 1-Methylnaphthalene	12.46	142	778584	37.485	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	519665	42.832	ng	# 98

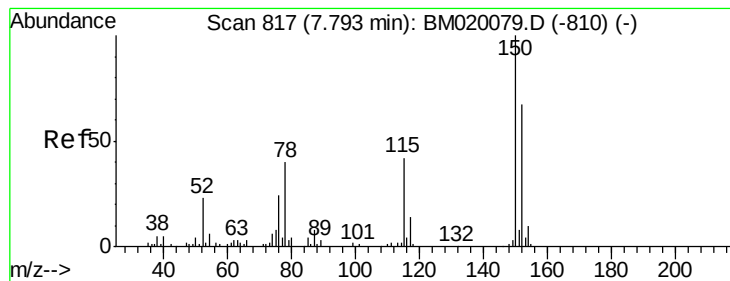
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050819\
 Data File : BM020198.D
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 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	822511	115.138	ng	99
43) 2,4,6-Trichlorophenol	12.86	196	312263	45.286	ng	99
44) 2,4,5-Trichlorophenol	12.93	196	317235	41.183	ng	98
46) 1,1'-Biphenyl	13.26	154	1042079	40.826	ng	99
47) 2-Chloronaphthalene	13.30	162	836955	41.068	ng	99
48) 2-Nitroaniline	13.52	65	266194	36.689	ng	91
49) Acenaphthylene	14.15	152	1235988	37.896	ng	99
50) Dimethylphthalate	13.89	163	970872	36.836	ng	99
51) 2,6-Dinitrotoluene	14.02	165	208939	37.638	ng	95
52) Acenaphthene	14.49	154	727152	38.878	ng	97
53) 3-Nitroaniline	14.35	138	115516	22.420	ng	95
54) 2,4-Dinitrophenol	14.56	184	243185	86.667	ng	90
55) Dibenzofuran	14.83	168	1192308	37.793	ng	98
56) 4-Nitrophenol	14.66	139	297657	67.712	ng	86
57) 2,4-Dinitrotoluene	14.80	165	283151	37.537	ng	90
58) Fluorene	15.48	166	943200	36.403	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	288718	39.441	ng	95
60) Diethylphthalate	15.25	149	930785	35.052	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	550331	37.487	ng	94
62) 4-Nitroaniline	15.52	138	179320	31.537	ng	91
63) Azobenzene	15.77	77	1044038	33.328	ng	96
65) 4,6-Dinitro-2-methylphenol	15.56	198	146720	45.506	ng	99
66) n-Nitrosodiphenylamine	15.69	169	802026	42.243	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	329390	41.632	ng	94
68) Hexachlorobenzene	16.47	284	375763	41.271	ng	95
69) Atrazine	16.64	200	290187	39.111	ng	99
70) Pentachlorophenol	16.82	266	428024	82.165	ng	97
71) Phenanthrene	17.22	178	1383415	38.842	ng	99
72) Anthracene	17.31	178	1414756	39.729	ng	99
73) Carbazole	17.59	167	1161952	36.162	ng	98
74) Di-n-butylphthalate	18.14	149	1446198	37.400	ng	98
75) Fluoranthene	19.24	202	1577542	35.007	ng	99
77) Benzidine	19.43	184	849840	48.185	ng	98
78) Pyrene	19.60	202	1589083	42.904	ng	100
80) Butylbenzylphthalate	20.50	149	599721	44.526	ng	99
81) Benzo(a)anthracene	21.34	228	1419423	36.689	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	390064	26.416	ng	99
83) Chrysene	21.40	228	1409201	37.558	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	851777	40.754	ng	99
85) Di-n-octyl phthalate	22.16	149	1418133	40.824	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	1872018	41.945	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1458167	36.278	ng	100
89) Benzo(k)fluoranthene	23.00	252	1436543	39.180	ng	99
90) Benzo(a)pyrene	23.55	252	1448309	39.669	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	1605760	42.292	ng	99
92) Benzo(g,h,i)perylene	26.70	276	1601502	44.428	ng	98

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

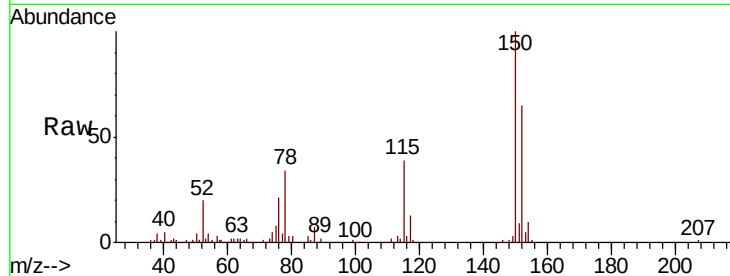


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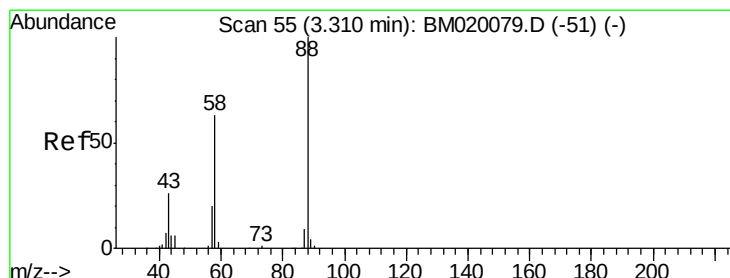
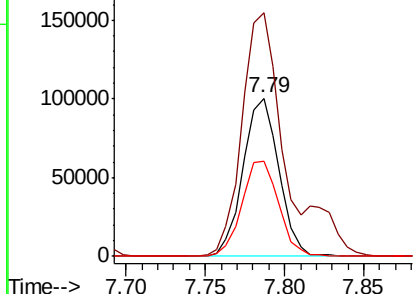
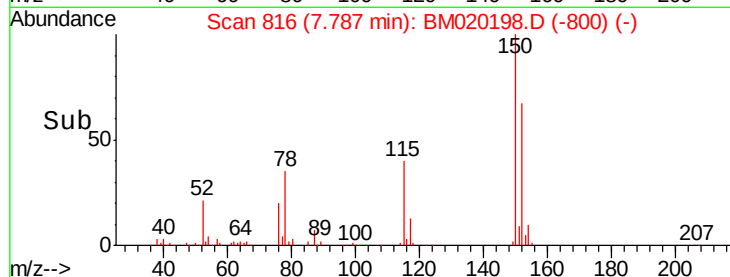
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tgt Ion:152 Resp: 157836
Ion Ratio Lower Upper
152 100
150 154.1 119.8 179.8
115 60.6 50.8 76.2



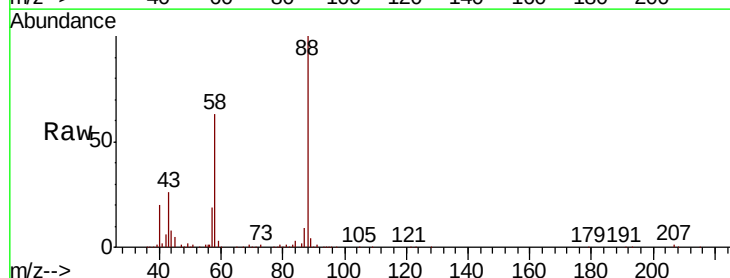
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



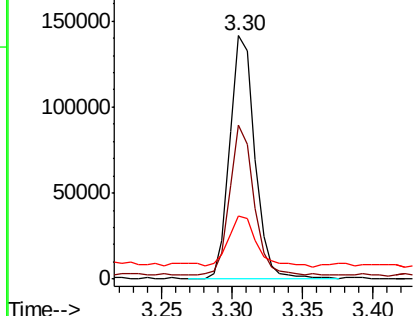
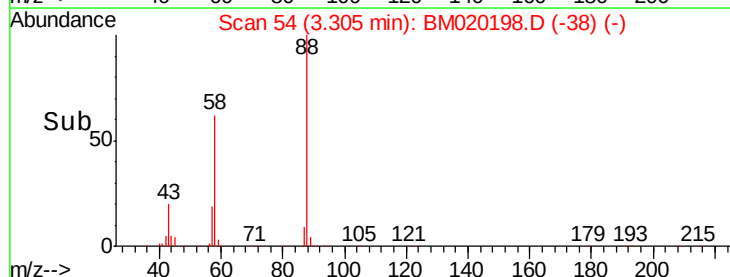
#2

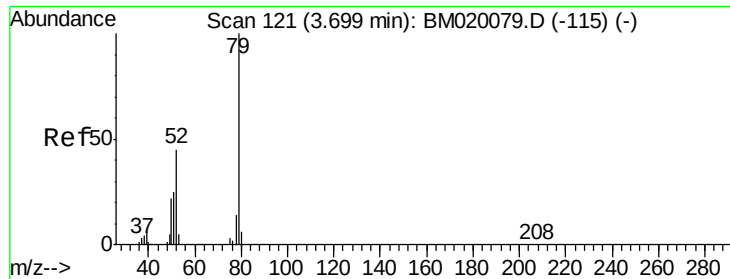
1,4-Dioxane
Concen: 36.869 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion: 88 Resp: 174604
Ion Ratio Lower Upper
88 100
58 59.7 51.8 77.6
43 23.7 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

Pyridine

Concen: 37.727 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

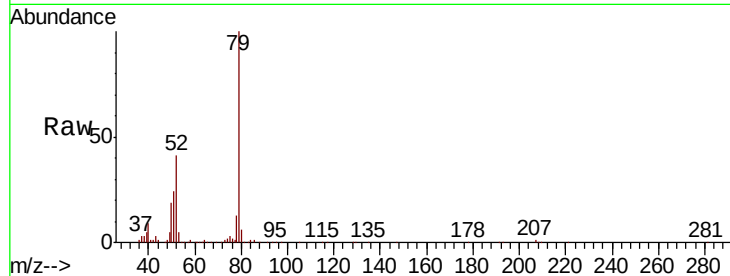
Tgt Ion: 79 Resp: 456946

Ion Ratio Lower Upper

79 100

52 41.4 35.7 53.5

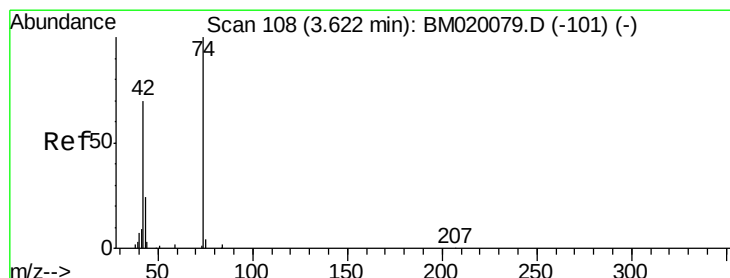
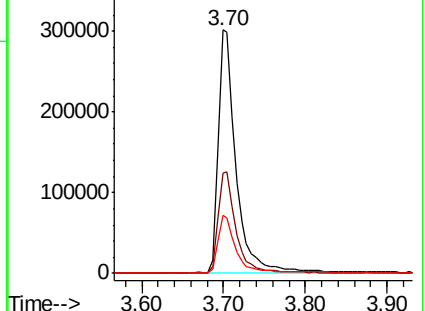
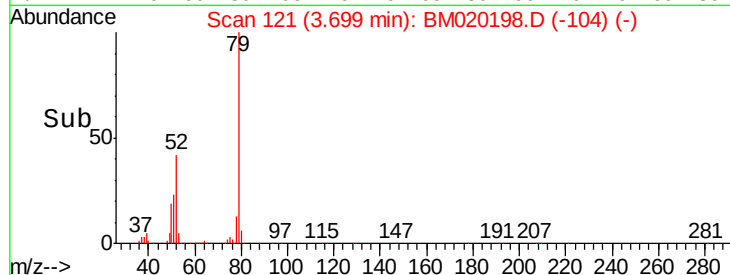
51 23.7 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020198.D (-104) (-)

Ion 52.00 (51.70 to 52.70): BM020198.D (-104) (-)

Ion 51.00 (50.70 to 51.70): BM020198.D (-104) (-)



#4

n-Nitrosodimethylamine

Concen: 35.600 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

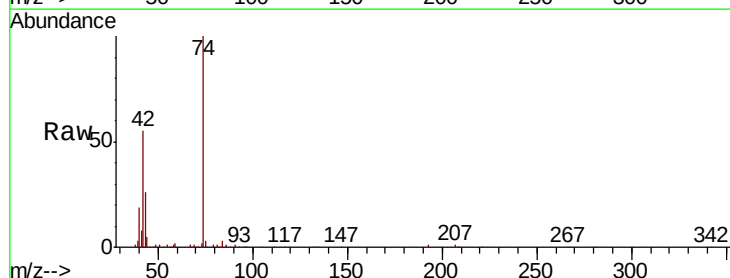
Tgt Ion: 42 Resp: 138265

Ion Ratio Lower Upper

42 100

74 181.5 113.7 170.5#

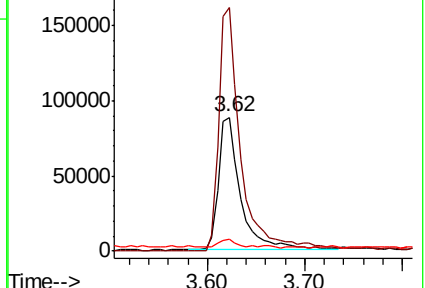
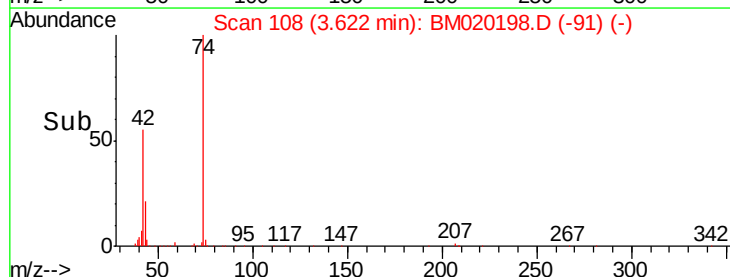
44 9.0 3.9 5.9#

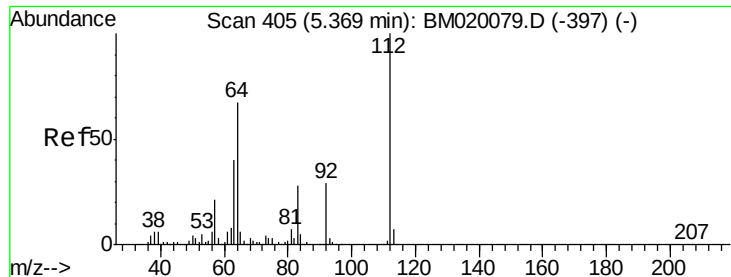


Abundance Ion 42.00 (41.70 to 42.70): BM020198.D (-91) (-)

Ion 74.00 (73.70 to 74.70): BM020198.D (-91) (-)

Ion 44.00 (43.70 to 44.70): BM020198.D (-91) (-)





#5

2-Fluorophenol

Concen: 132.457 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

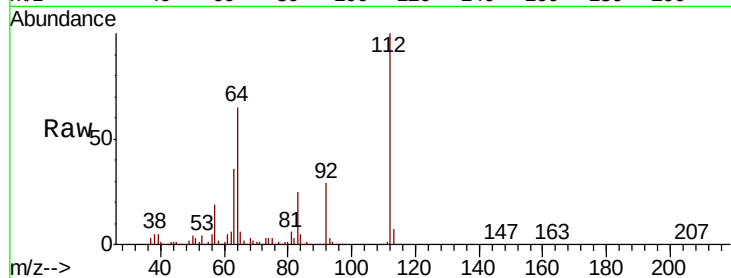
Tgt Ion:112 Resp: 1279006

Ion Ratio Lower Upper

112 100

64 65.3 53.8 80.6

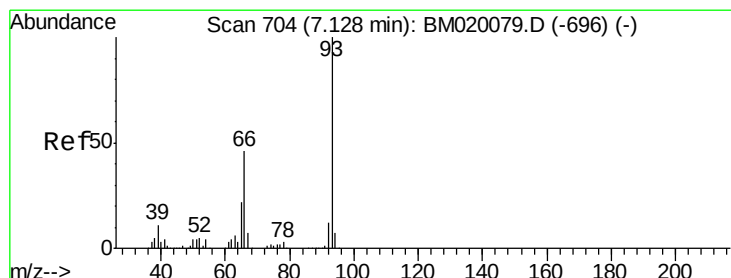
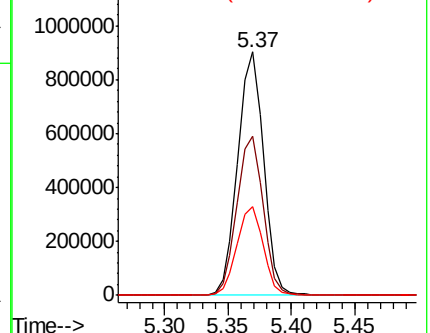
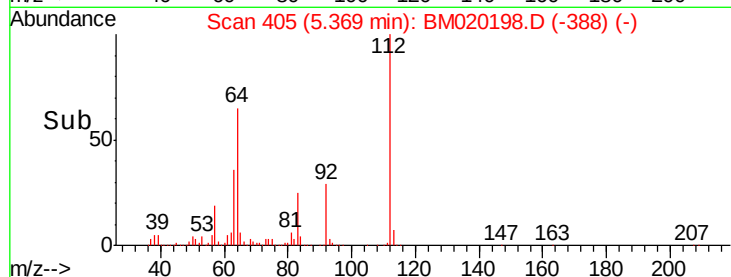
63 36.4 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 30.504 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

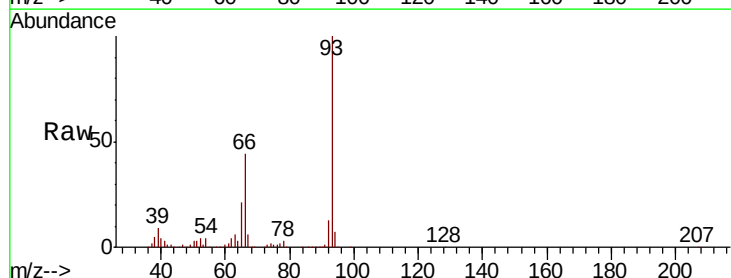
Tgt Ion: 93 Resp: 506531

Ion Ratio Lower Upper

93 100

66 43.6 36.6 54.8

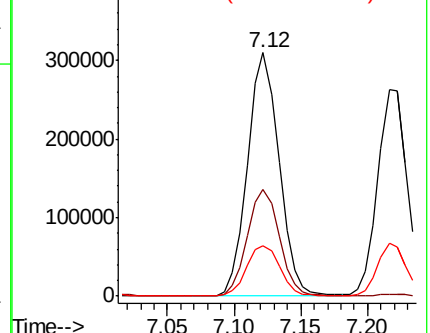
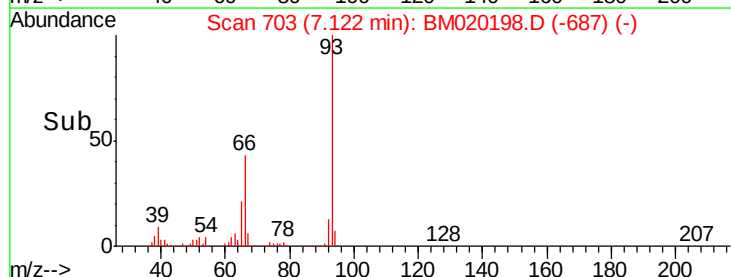
65 20.8 17.8 26.6

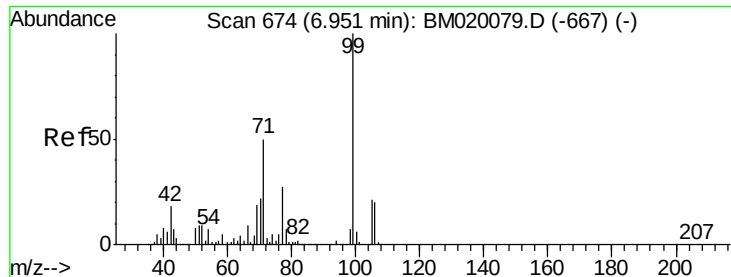


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 126.452 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

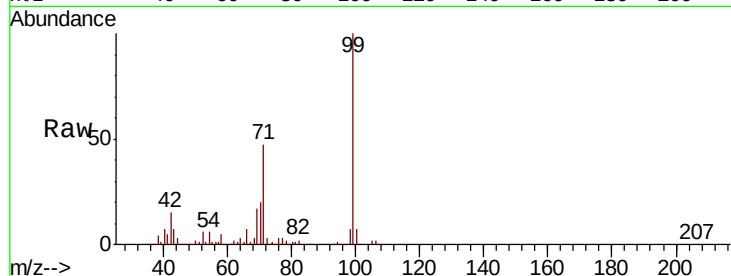
Tgt Ion: 99 Resp: 1668086

Ion Ratio Lower Upper

99 100

42 14.6 14.2 21.2

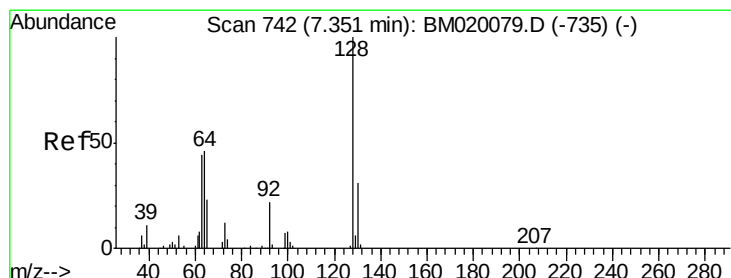
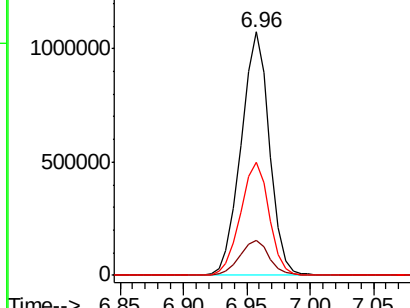
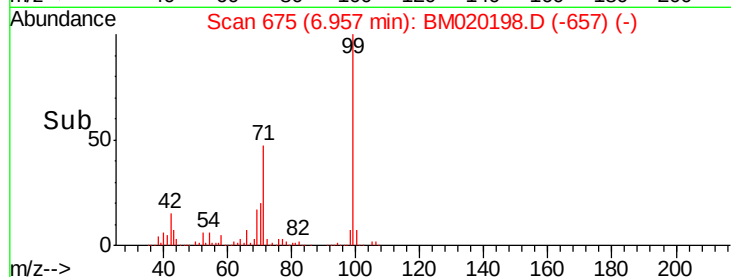
71 46.6 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020198.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020198.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020198.D (-657) (-)



#8

2-Chlorophenol

Concen: 36.724 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

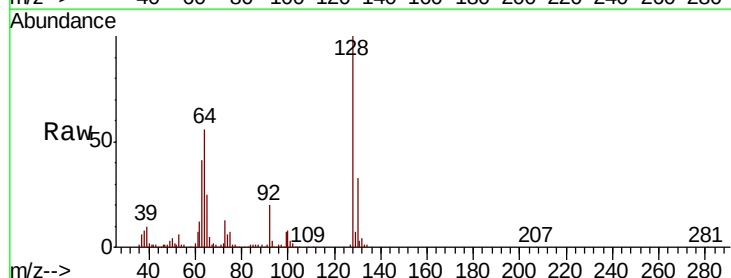
Tgt Ion: 128 Resp: 386115

Ion Ratio Lower Upper

128 100

130 32.5 10.8 50.8

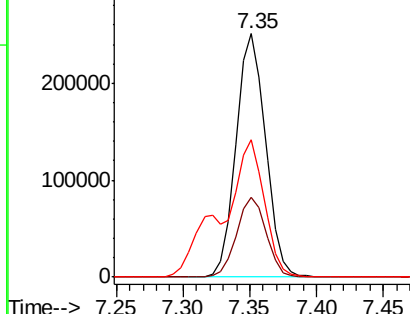
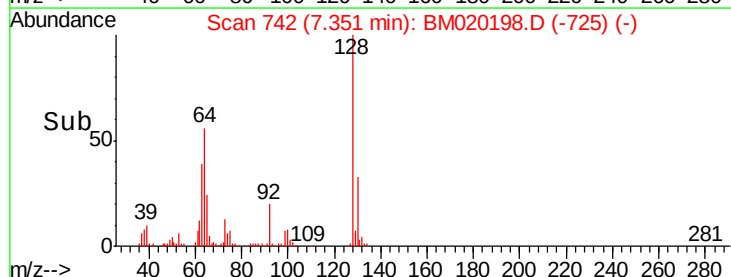
64 56.4 36.5 76.5

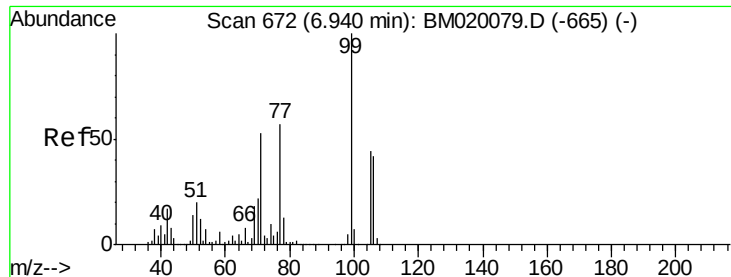


Abundance Ion 128.00 (127.70 to 128.70): BM020198.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM020198.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM020198.D (-725) (-)





#9

Benzaldehyde

Concen: 28.703 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

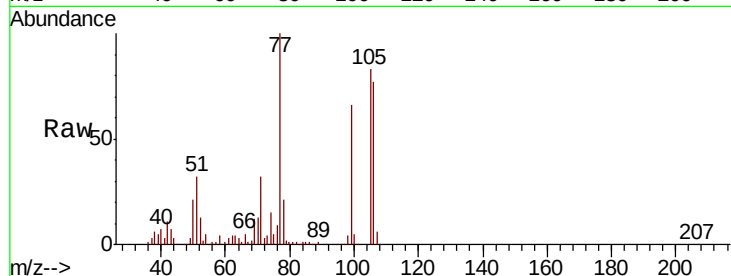
Tgt Ion: 77 Resp: 286577

Ion Ratio Lower Upper

77 100

105 83.3 57.8 97.8

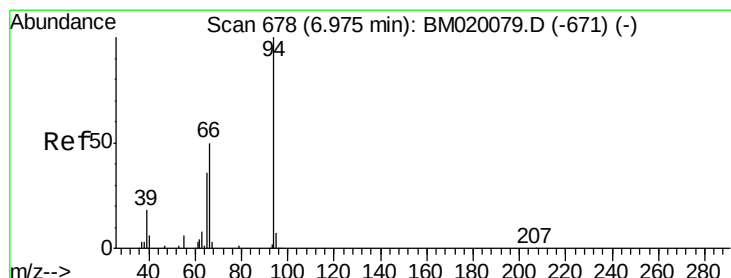
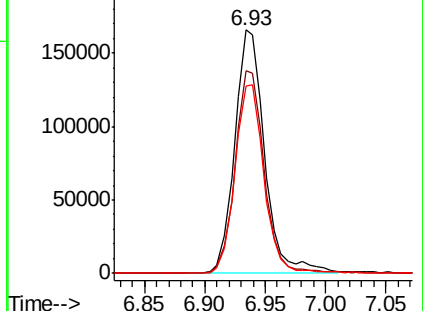
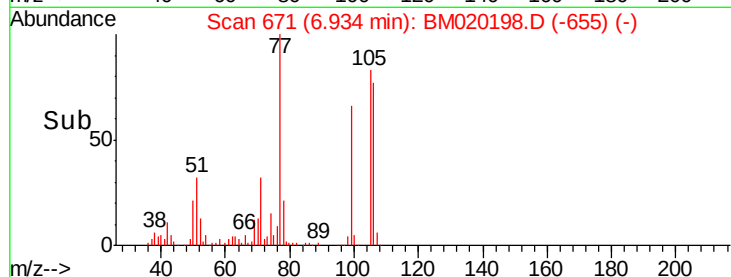
106 77.0 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020198.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020198.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020198.D (-655) (-)



#10

Phenol

Concen: 36.241 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

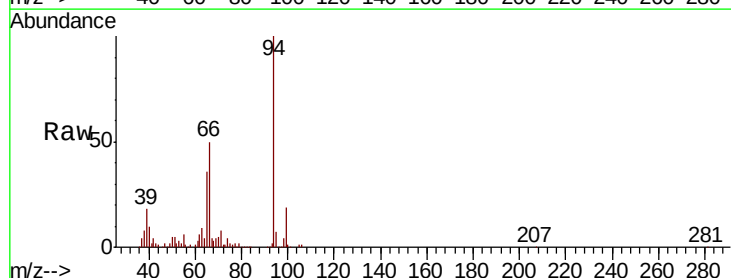
Tgt Ion: 94 Resp: 514655

Ion Ratio Lower Upper

94 100

65 35.6 17.0 57.0

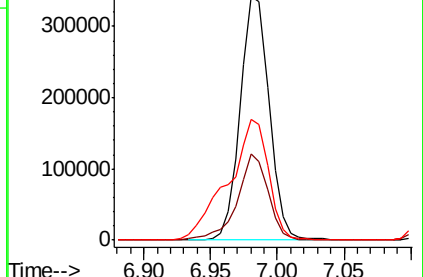
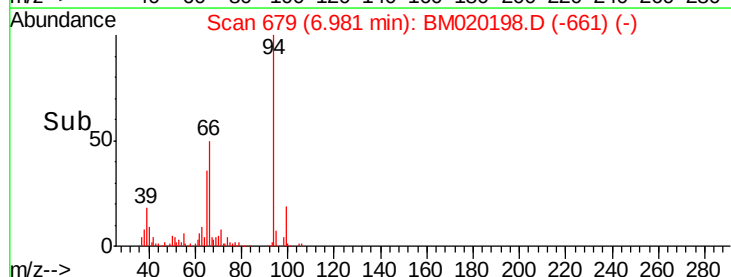
66 49.7 34.5 74.5

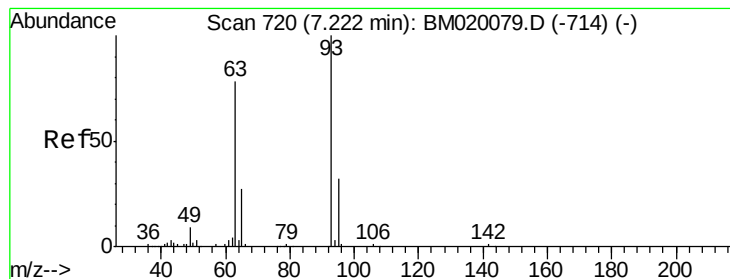


Abundance Ion 94.00 (93.70 to 94.70): BM020198.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020198.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020198.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.727 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

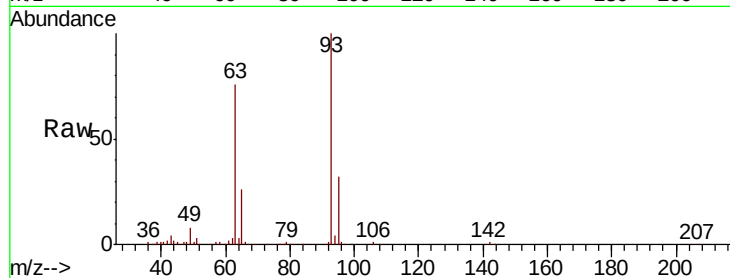
Tgt Ion: 93 Resp: 399727

Ion Ratio Lower Upper

93 100

63 76.2 57.9 97.9

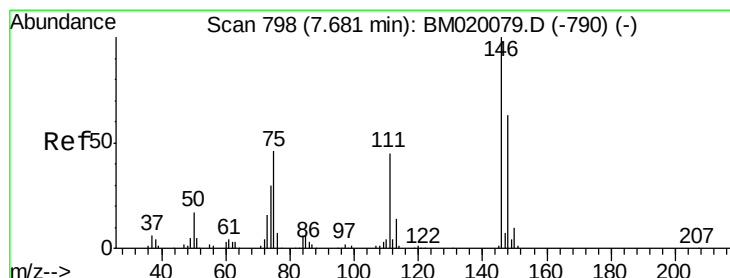
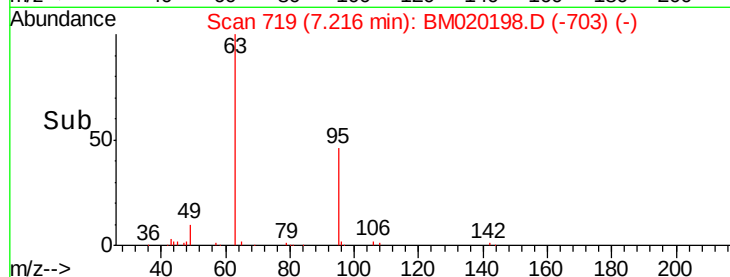
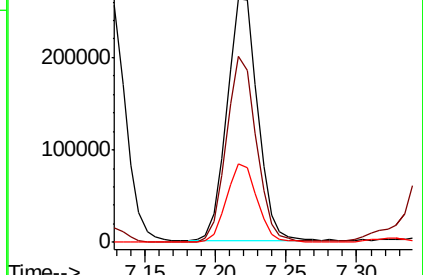
95 32.1 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BM020079.D (-714) (-)

Ion 63.00 (62.70 to 63.70): BM020079.D (-714) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-714) (-)



#12

1,3-Dichlorobenzene

Concen: 37.347 ng

RT: 7.67 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

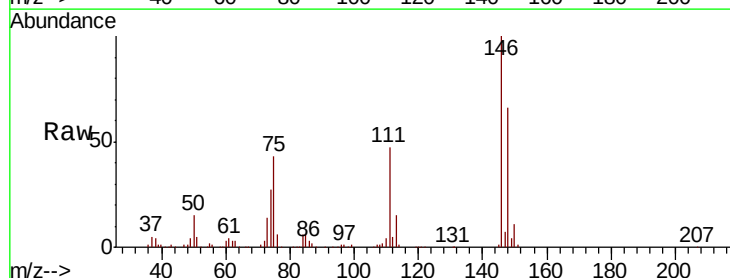
Tgt Ion: 146 Resp: 456860

Ion Ratio Lower Upper

146 100

148 65.8 50.1 75.1

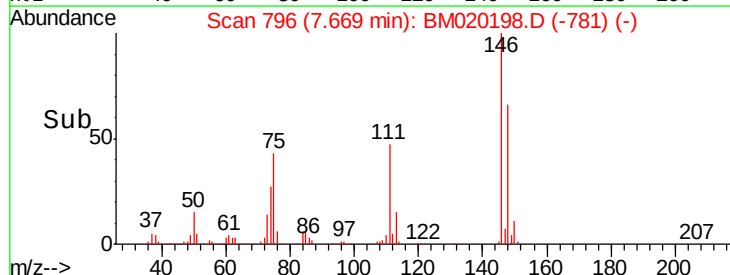
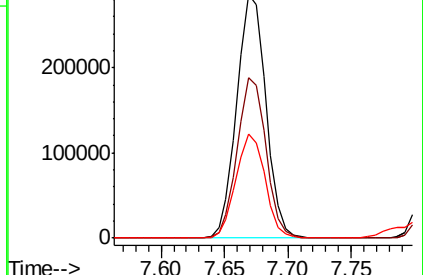
75 42.8 37.2 55.8

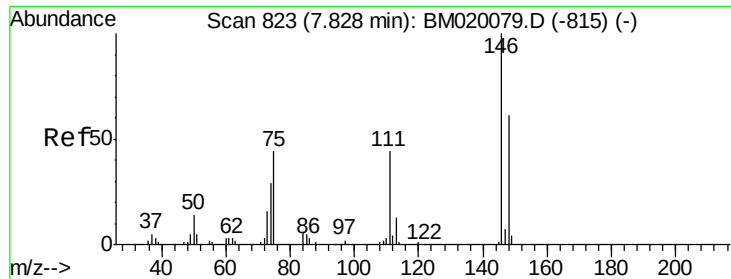


Abundance Ion 146.00 (145.70 to 146.70): BM020079.D (-790) (-)

Ion 148.00 (147.70 to 148.70): BM020079.D (-790) (-)

Ion 75.00 (74.70 to 75.70): BM020079.D (-790) (-)

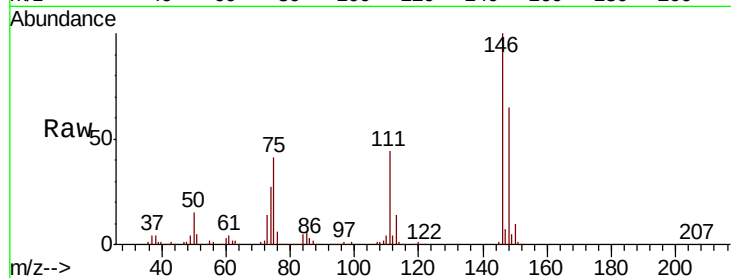




#13
 1,4-Dichlorobenzene
 Concen: 37.768 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	48.5	72.7
111	43.7	35.7	53.5

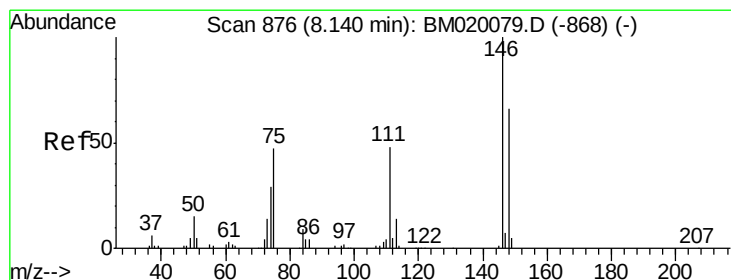
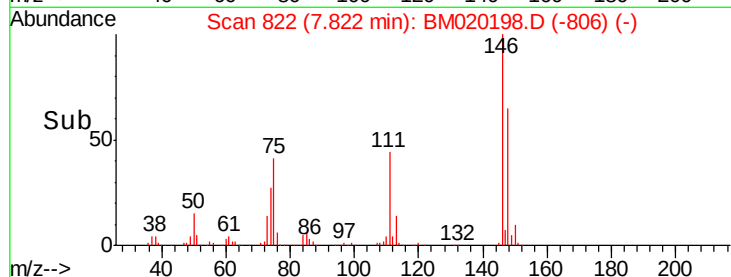
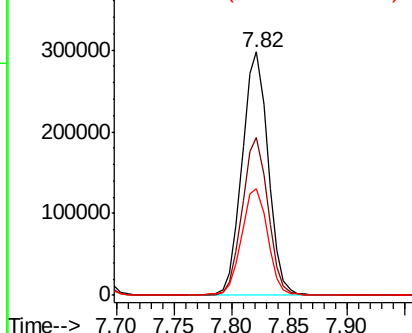


Abundance

Ion 146.00 (145.70 to 146.70): E

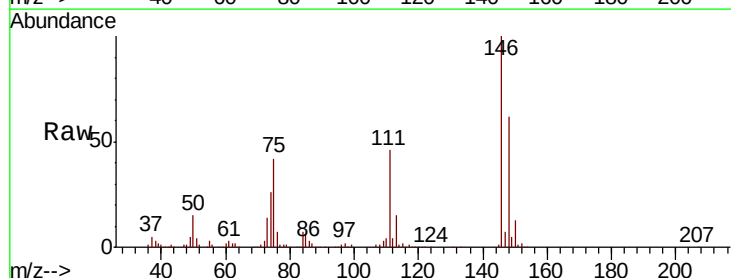
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.520 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.6	79.0
111	45.8	39.0	58.4

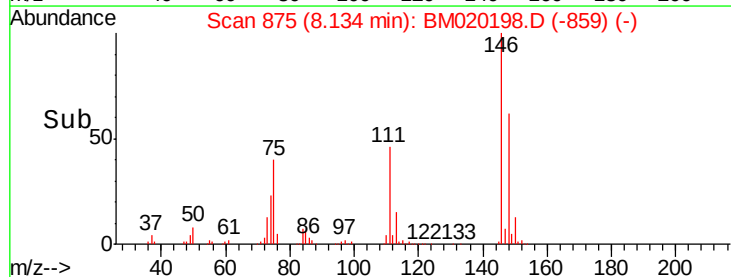
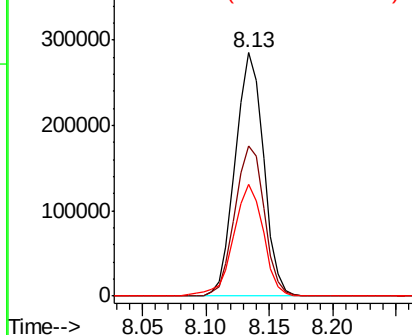


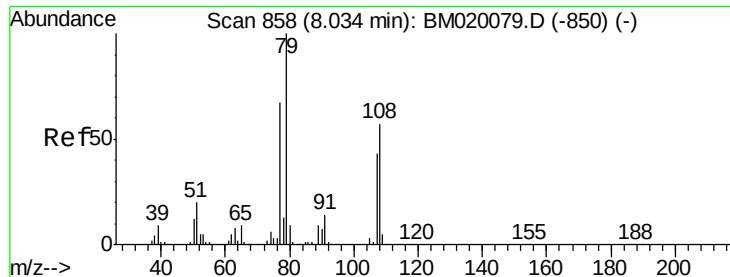
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.906 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

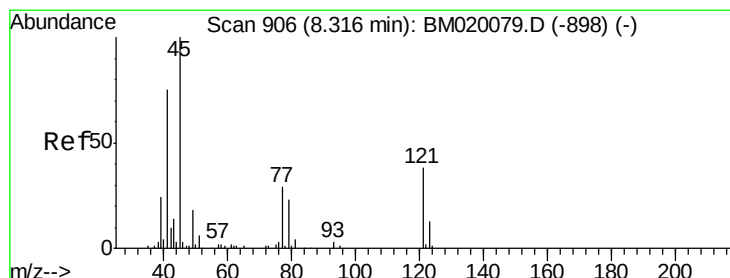
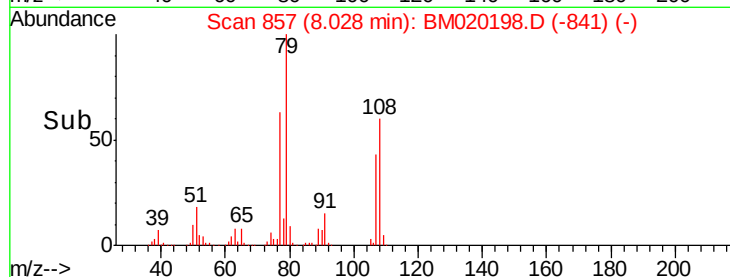
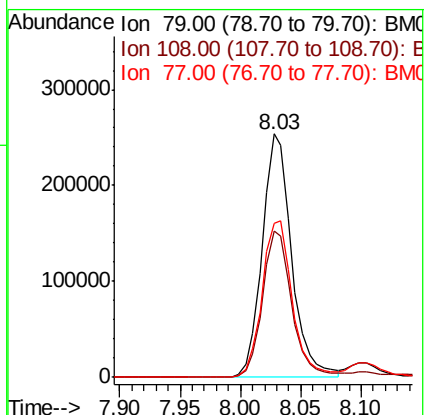
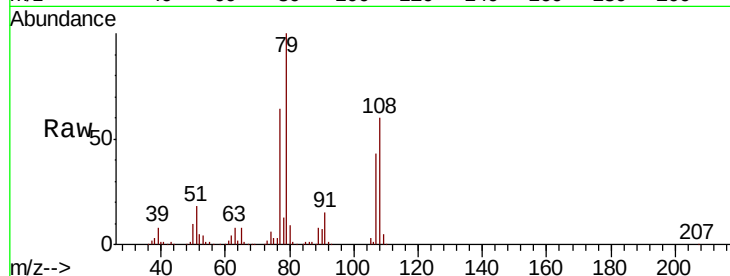
Tgt Ion: 79 Resp: 431289

Ion Ratio Lower Upper

79 100

108 60.3 46.0 69.0

77 63.5 53.8 80.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.202 ng

RT: 8.32 min Scan# 906

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

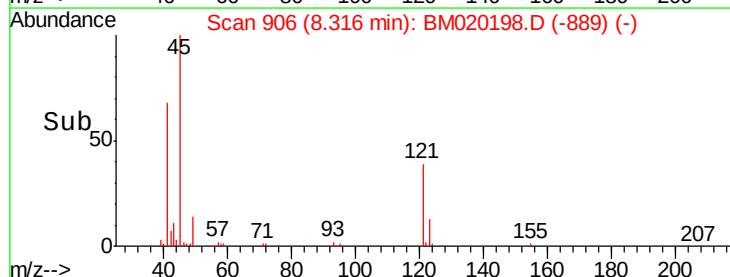
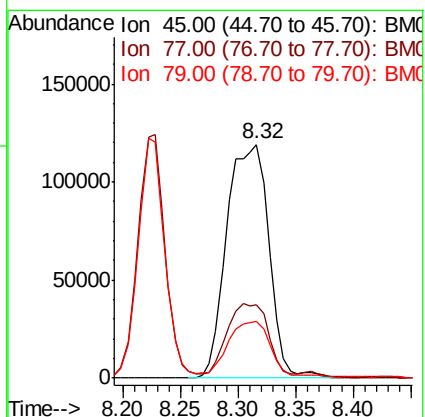
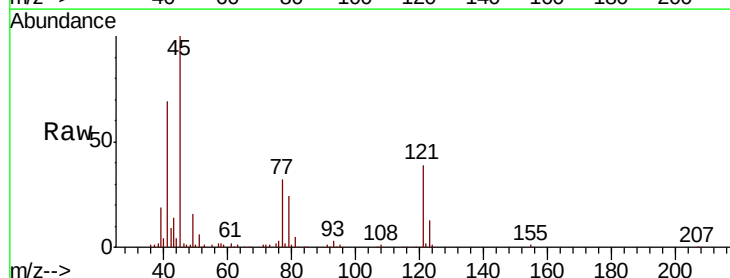
Tgt Ion: 45 Resp: 301279

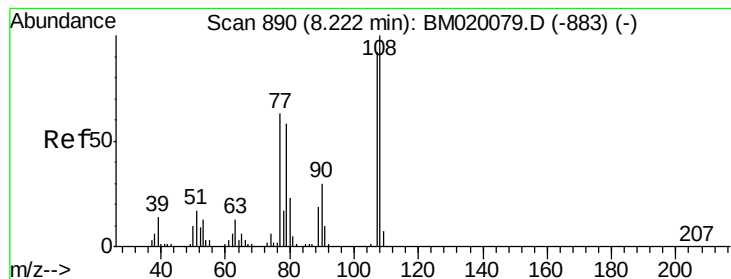
Ion Ratio Lower Upper

45 100

77 31.6 10.5 50.5

79 24.4 3.3 43.3





#17

2-Methylphenol

Concen: 36.368 ng

RT: 8.23 min Scan# 891

Delta R.T. 0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tgt Ion:107 Resp: 332466

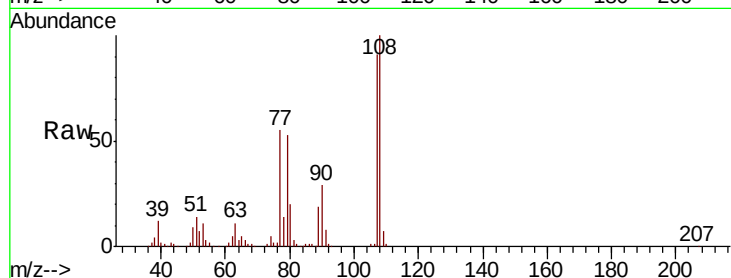
Ion Ratio Lower Upper

107 100

108 109.9 87.0 130.4

77 60.2 54.7 82.1

79 58.4 50.1 75.1



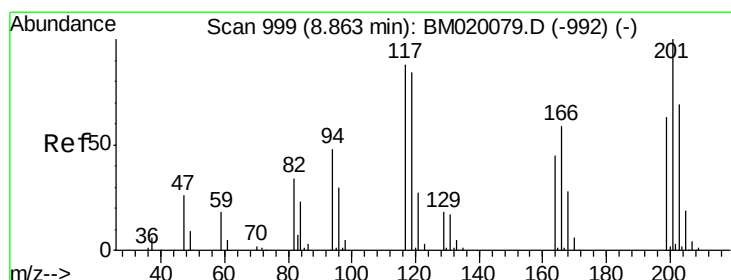
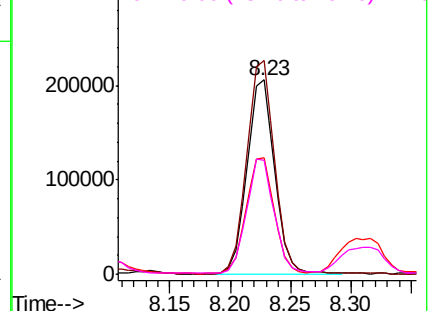
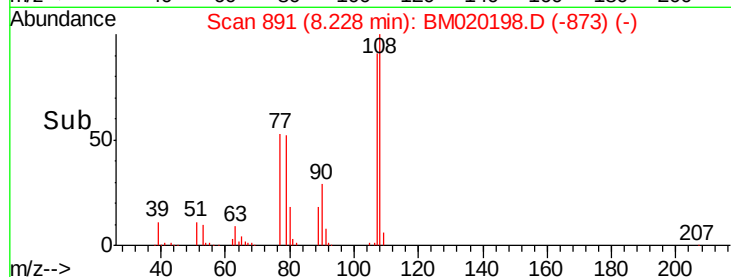
Abundance

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): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 36.268 ng

RT: 8.85 min Scan# 997

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

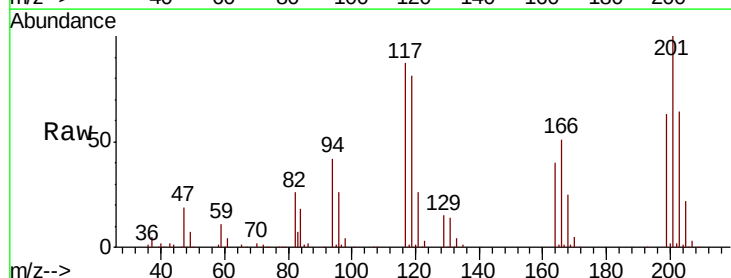
Tgt Ion:117 Resp: 186877

Ion Ratio Lower Upper

117 100

119 93.4 76.6 114.8

201 114.9 90.7 136.1

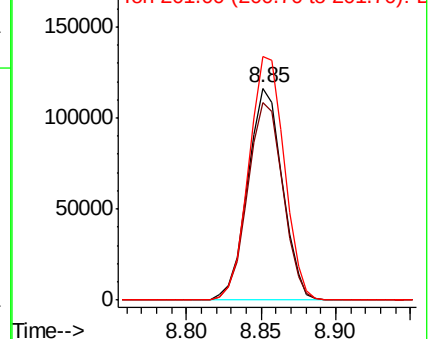
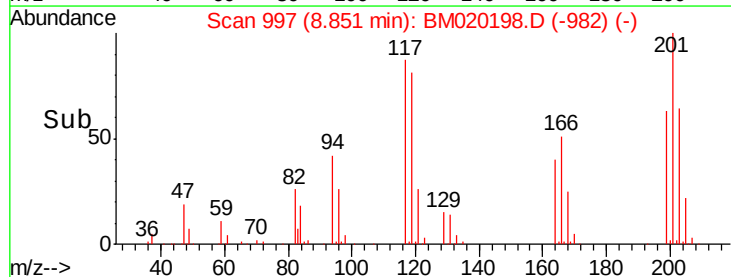


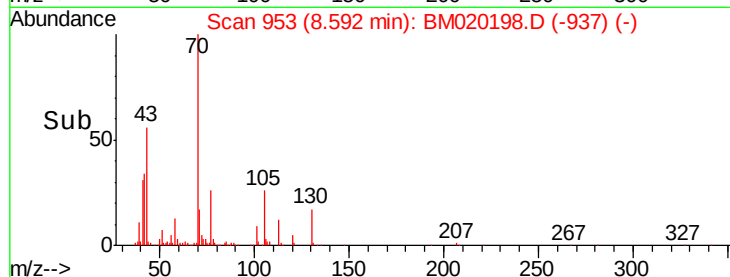
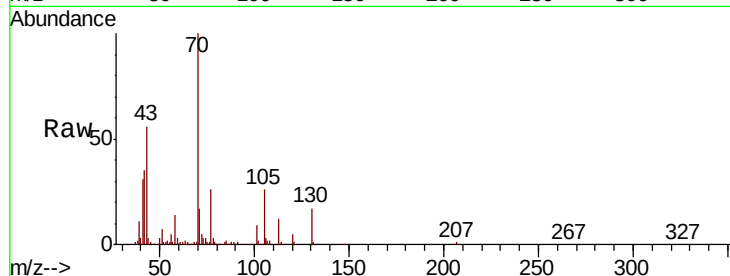
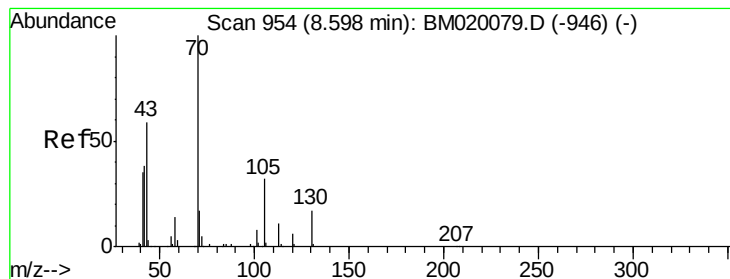
Abundance

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: 33.406 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tgt Ion: 70 Resp: 377024

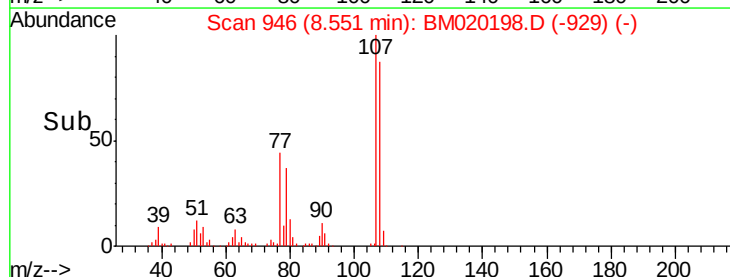
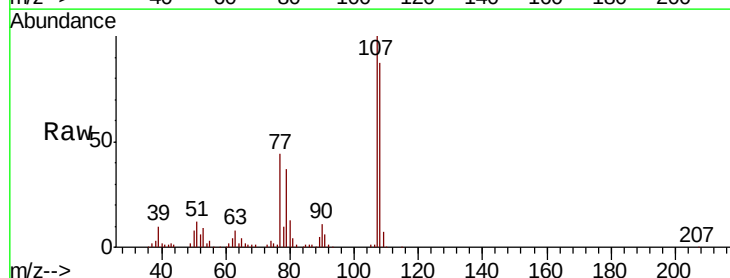
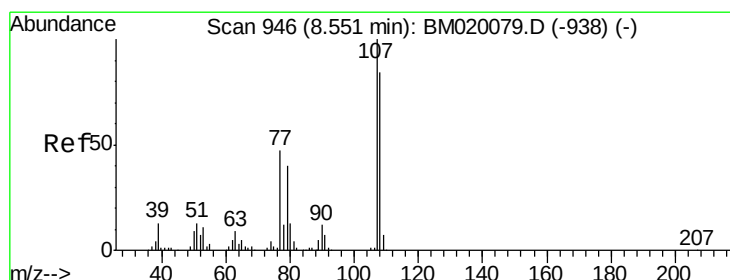
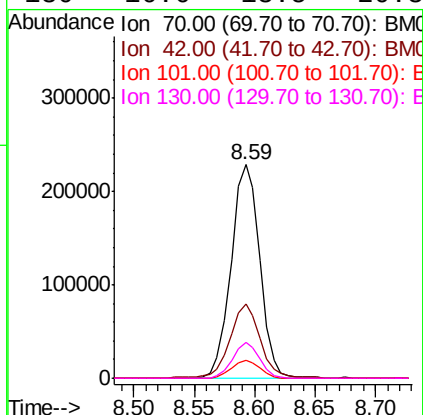
Ion Ratio Lower Upper

70 100

42 34.8 31.0 46.4

101 8.7 6.2 9.2

130 16.6 13.5 20.3



#20

3+4-Methylphenols

Concen: 36.561 ng

RT: 8.55 min Scan# 946

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion: 107 Resp: 444209

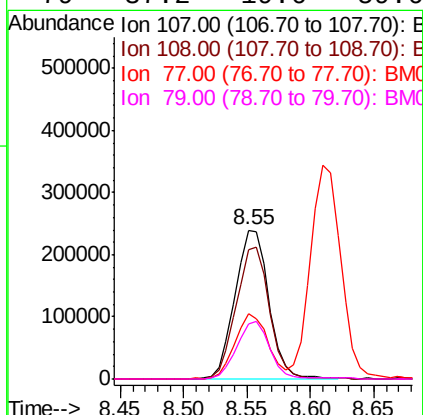
Ion Ratio Lower Upper

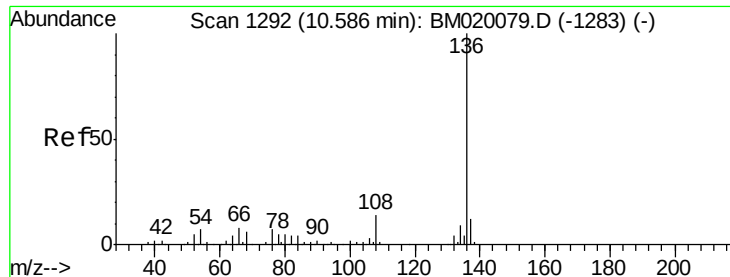
107 100

108 87.0 64.4 104.4

77 44.2 27.2 67.2

79 37.2 19.6 59.6

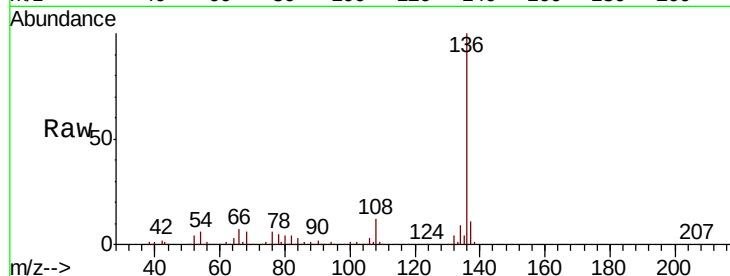




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tgt Ion:	136	Resp:	561445
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	6.1	5.5	8.3
68	6.1	4.6	6.8



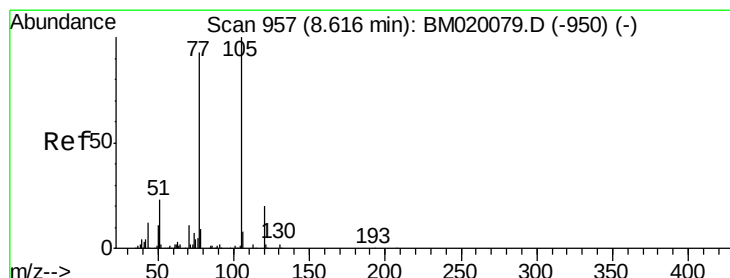
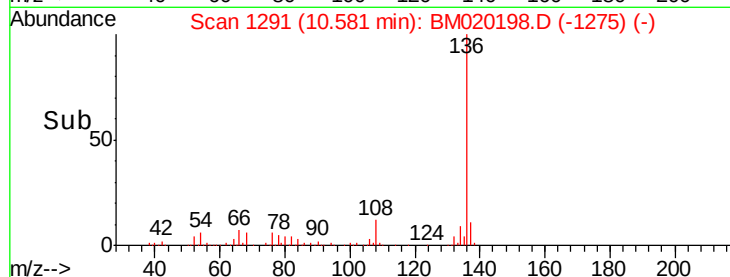
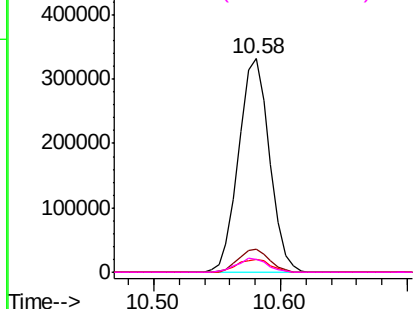
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

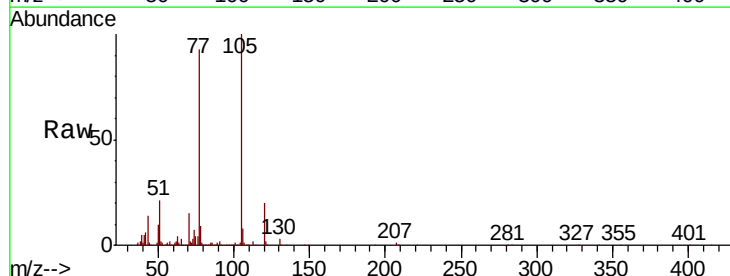
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.731 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion:	105	Resp:	609644
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.2	3.2
51	21.5	19.3	28.9
120	20.0	16.2	24.4



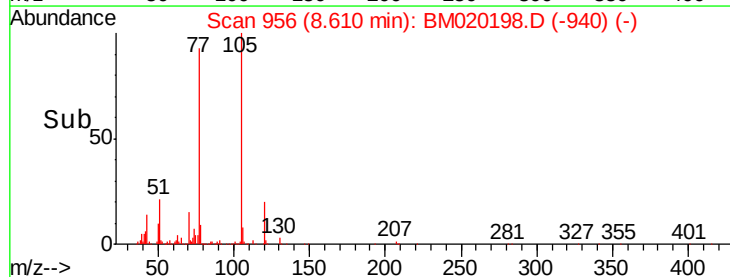
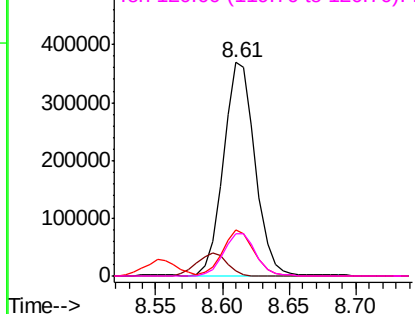
Abundance

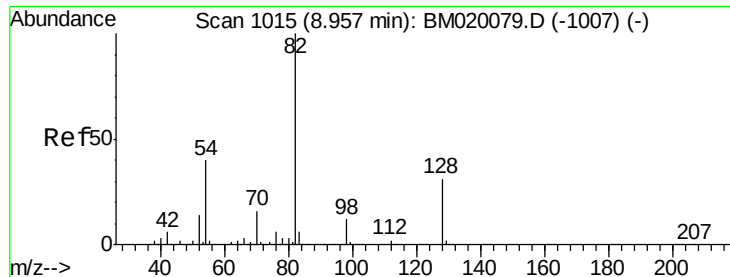
Ion 105.00 (104.70 to 105.70): E

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



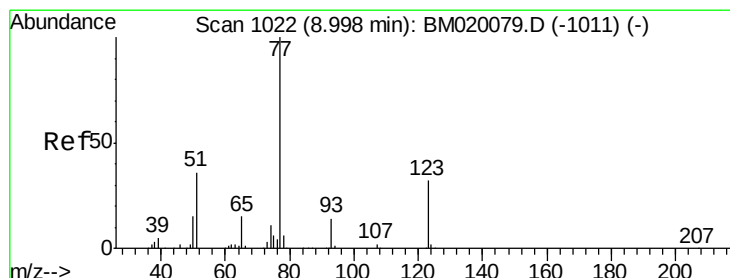
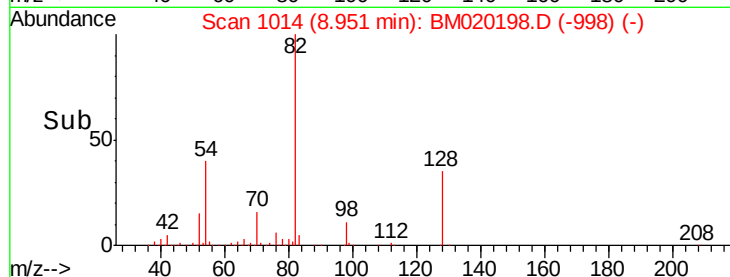
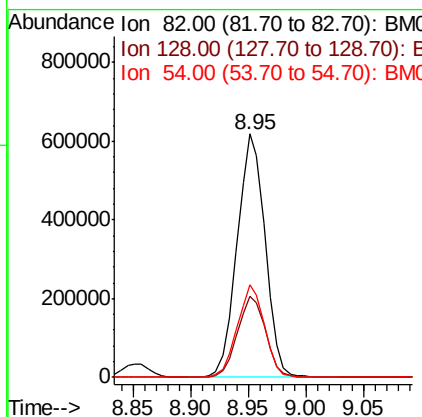
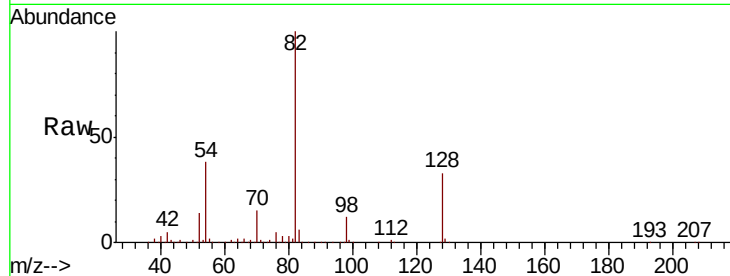


#23
 Nitrobenzene-d5
 Concen: 73.089 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tgt Ion: 82 Resp: 1039393

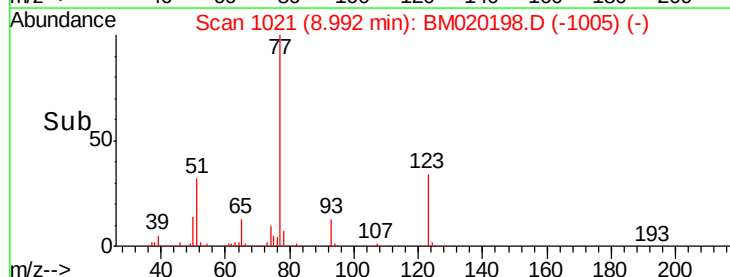
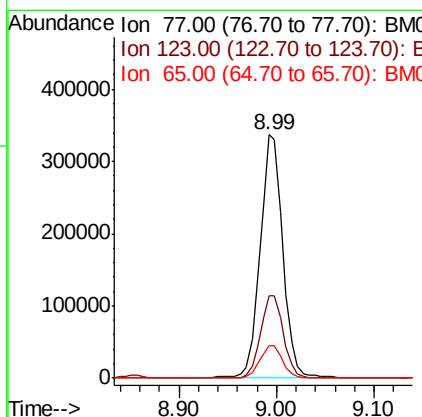
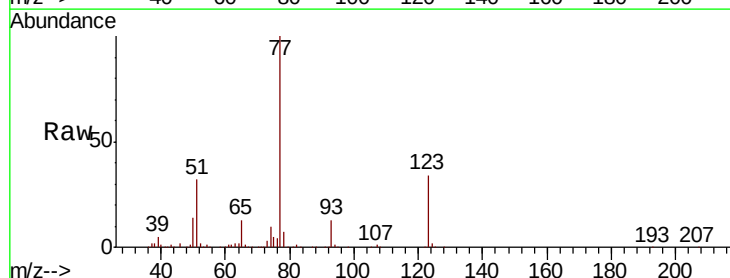
Ion	Ratio	Lower	Upper
82	100		
128	33.3	25.2	37.8
54	37.8	31.9	47.9

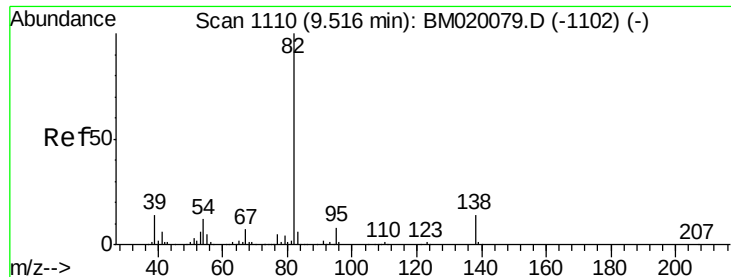


#24
 Nitrobenzene
 Concen: 37.167 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion: 77 Resp: 548026

Ion	Ratio	Lower	Upper
77	100		
123	34.0	25.5	38.3
65	13.4	11.8	17.6

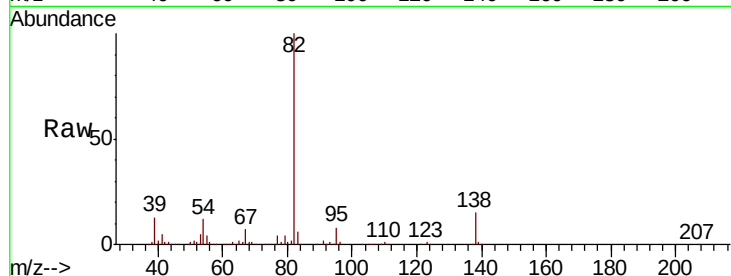




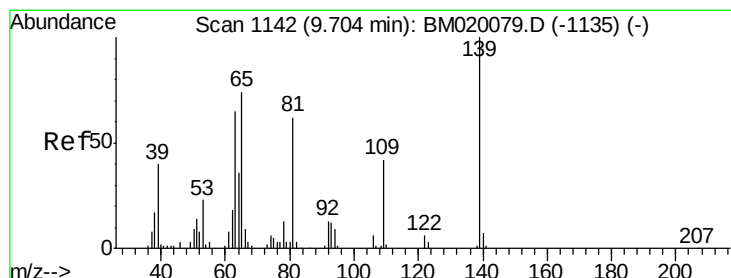
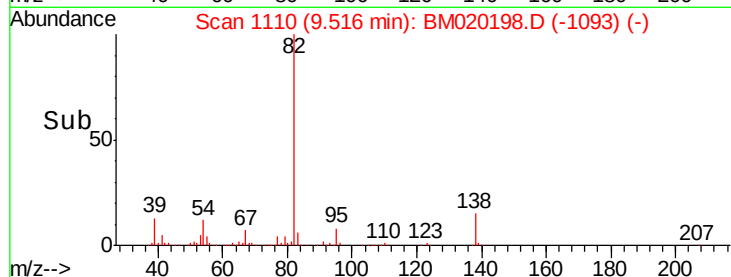
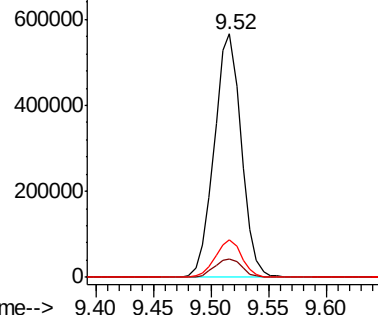
#25
Isophorone
Concen: 37.753 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tgt Ion: 82 Resp: 925846
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 15.5 11.1 16.7

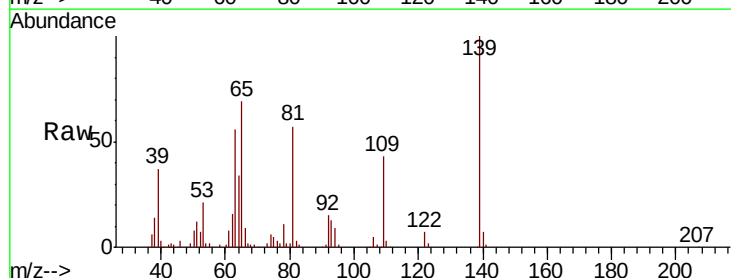


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

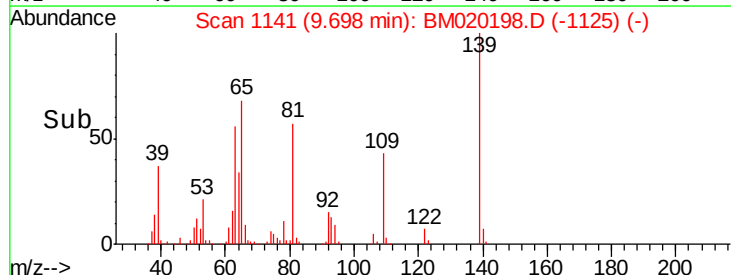
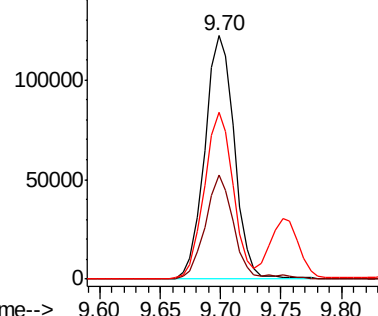


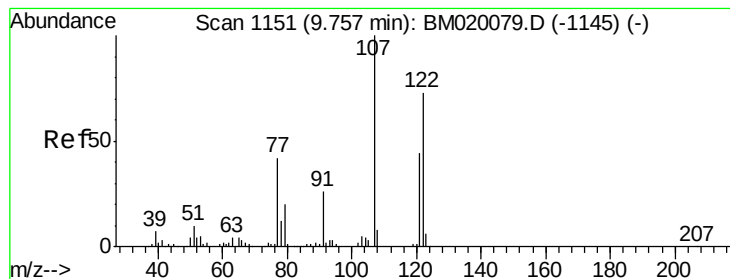
#26
2-Nitrophenol
Concen: 46.965 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion: 139 Resp: 209061
Ion Ratio Lower Upper
139 100
109 42.8 33.7 50.5
65 68.7 59.5 89.3



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





#27

2,4-Dimethylphenol

Concen: 44.967 ng

RT: 9.75 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

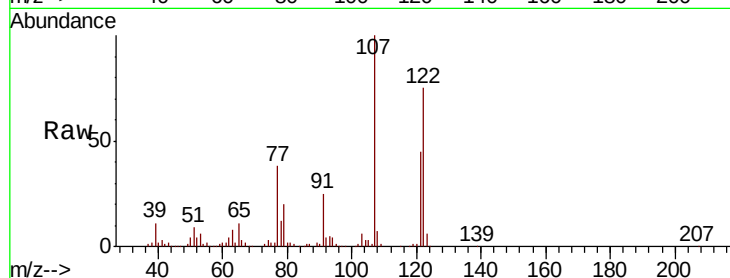
Tgt Ion:122 Resp: 333249

Ion Ratio Lower Upper

122 100

107 133.3 108.6 162.8

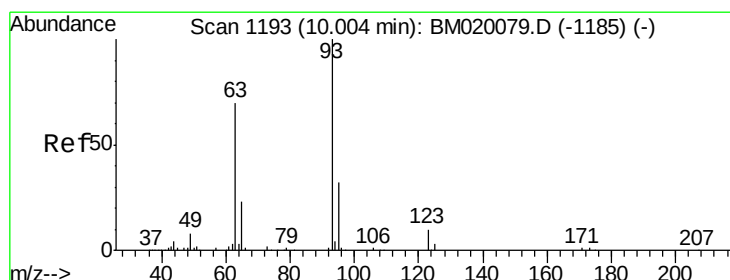
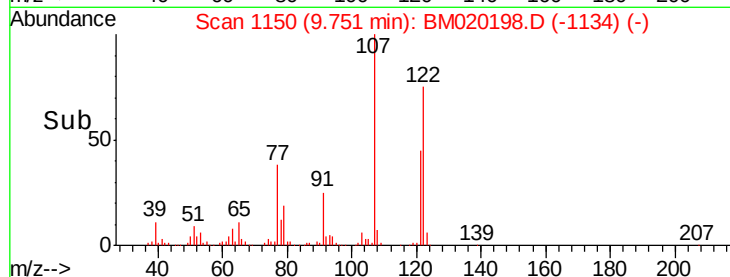
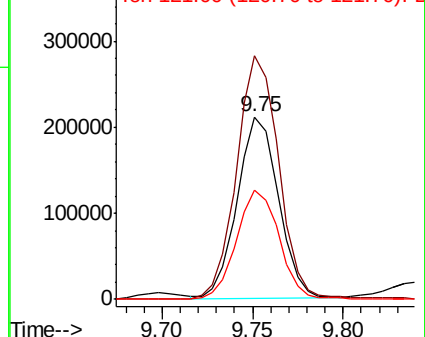
121 59.7 47.4 71.2



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: 38.364 ng

RT: 9.99 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

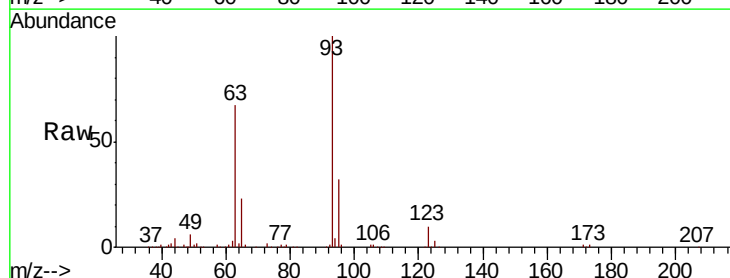
Tgt Ion: 93 Resp: 512410

Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

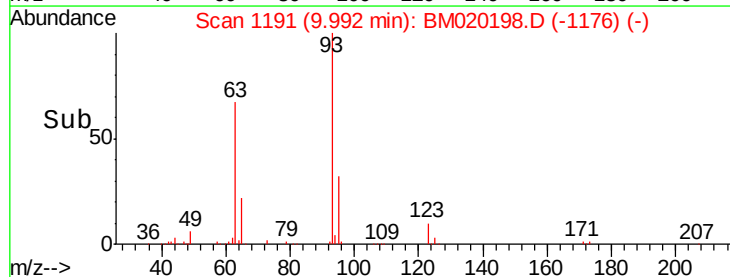
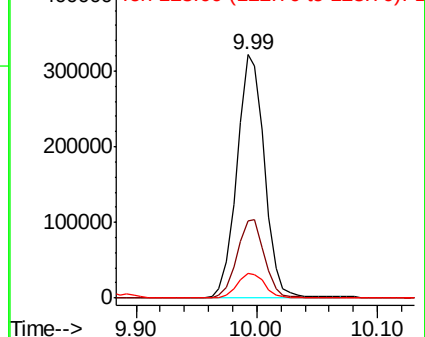
123 10.4 7.6 11.4

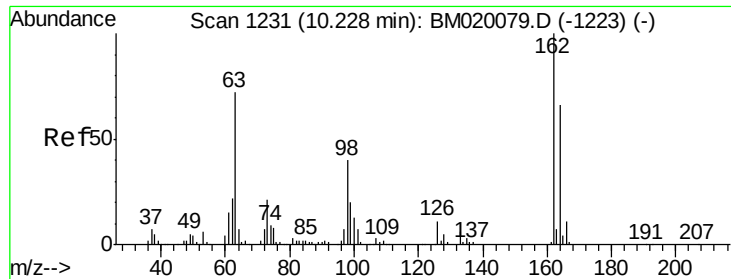


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

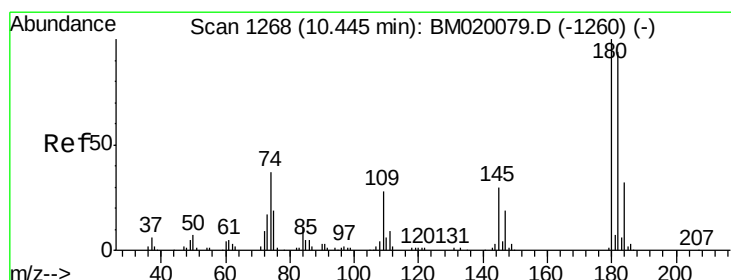
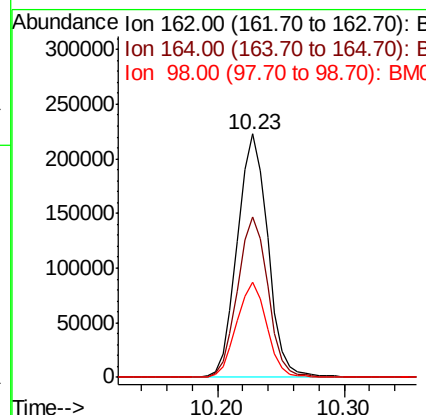
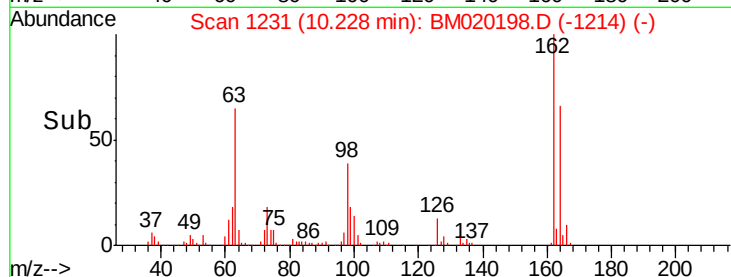
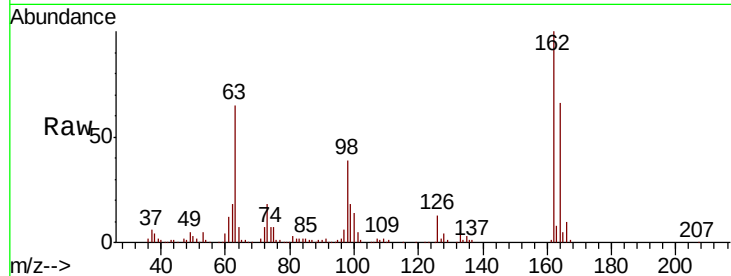




#29
 2,4-Dichlorophenol
 Concen: 39.793 ng
 RT: 10.23 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

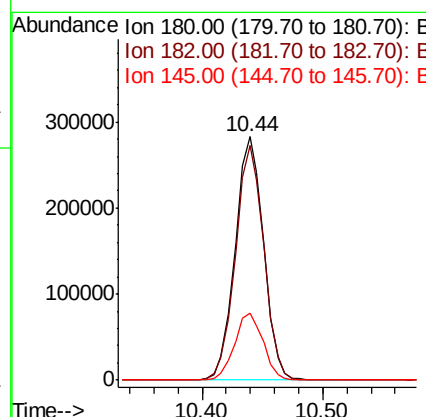
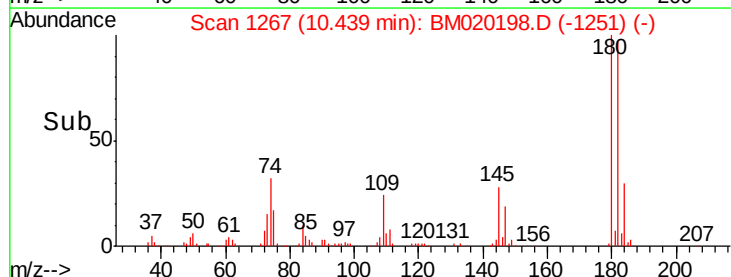
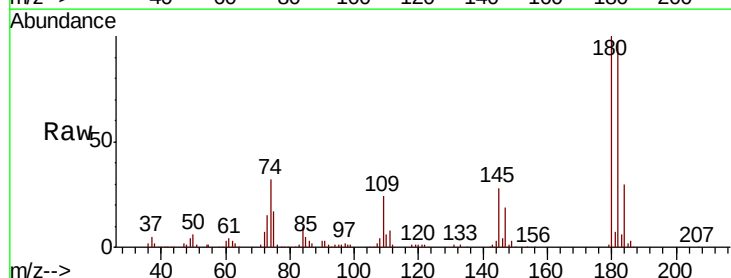
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

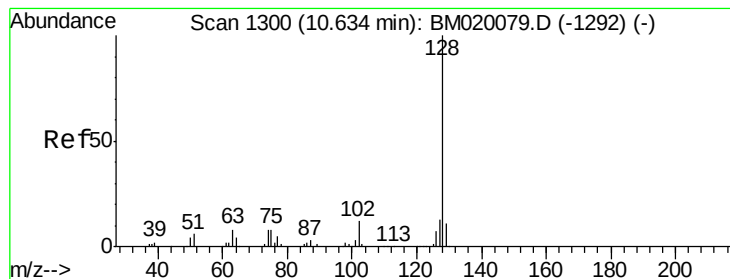
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.6	85.6
98	39.0	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.337 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.4	113.0
145	27.7	23.8	35.8

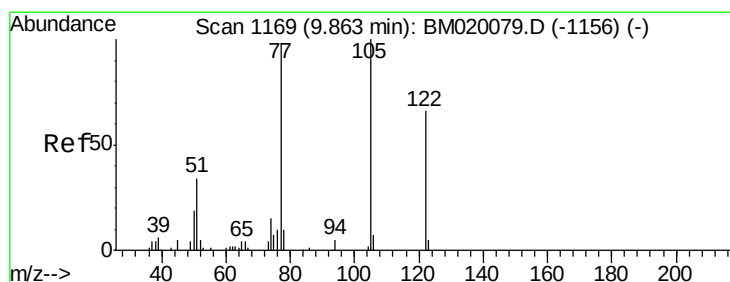
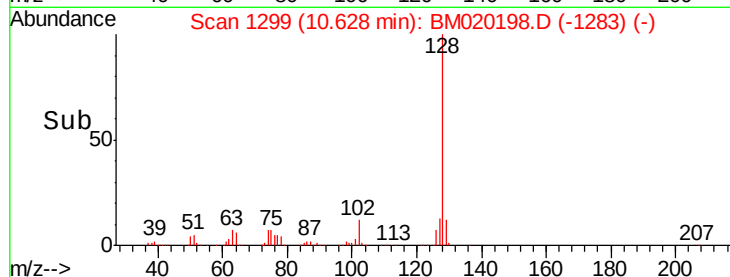
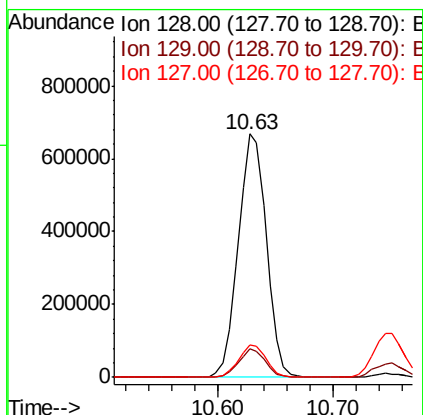
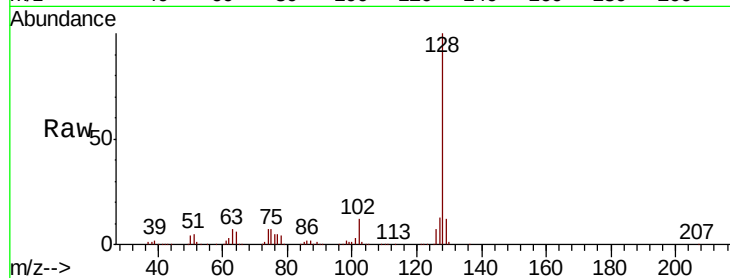




#31
Naphthalene
Concen: 38.782 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

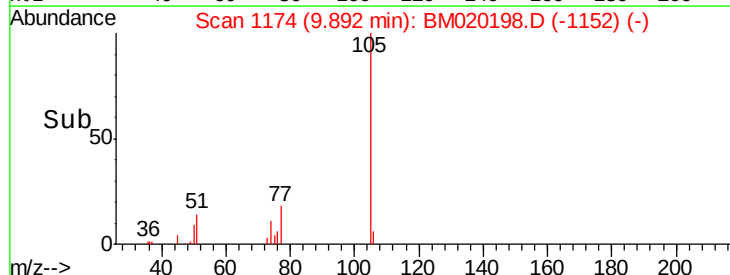
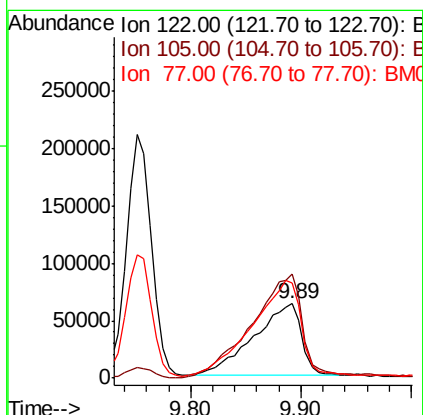
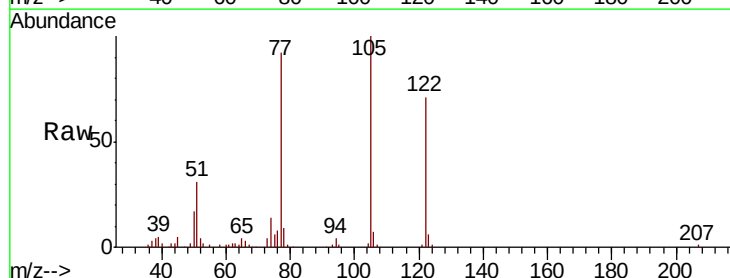
Instrument :
BNA_M
ClientSampleId :
PB119288BS

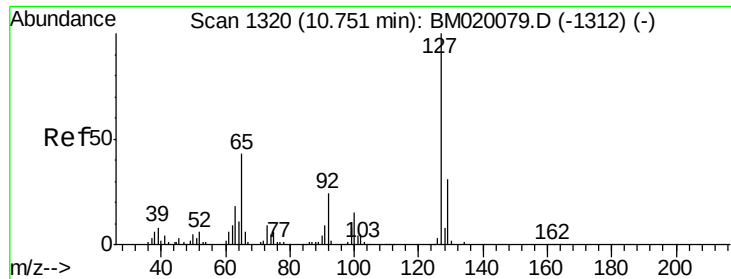
Tgt Ion:128 Resp: 1129934
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 37.719 ng
RT: 9.89 min Scan# 1174
Delta R.T. 0.03 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion:122 Resp: 190234
Ion Ratio Lower Upper
122 100
105 139.9 122.5 162.5
77 128.9 123.3 163.3

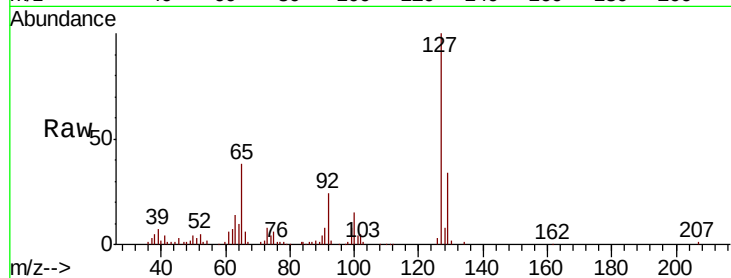




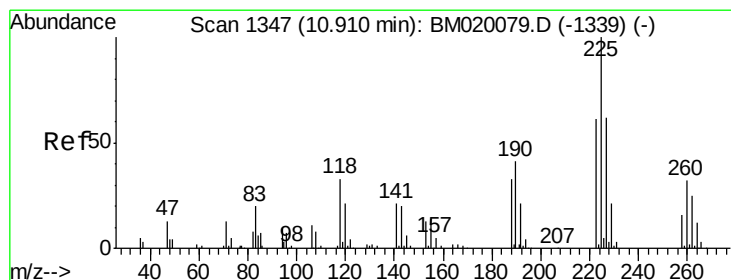
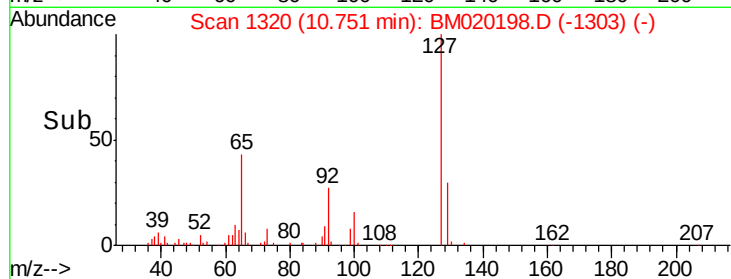
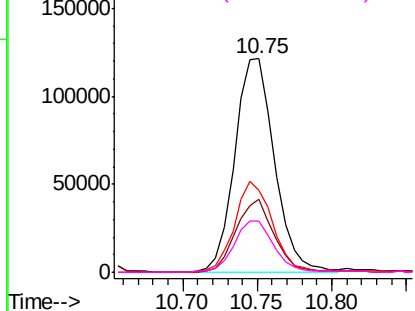
#33
4-Chloroaniline
Concen: 18.788 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tgt Ion:	127	Resp:	225308
Ion	Ratio	Lower	Upper
127	100		
129	34.2	24.7	37.1
65	38.4	34.6	52.0
92	24.2	19.5	29.3

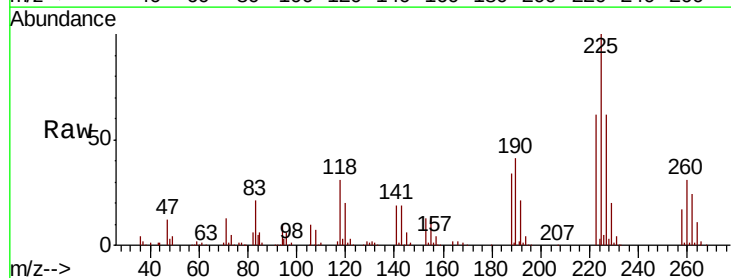


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

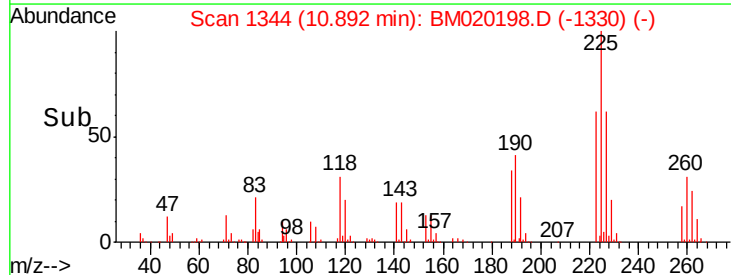
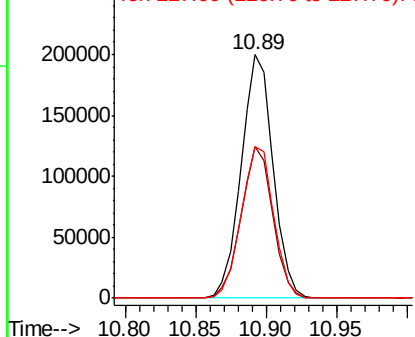


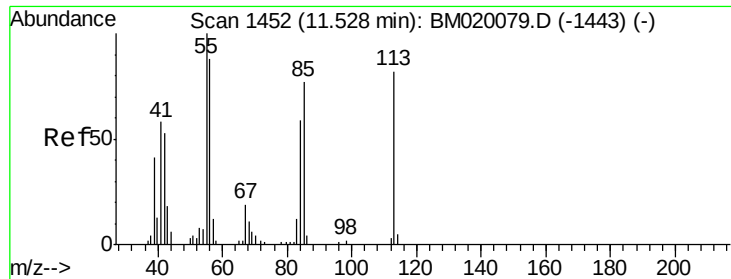
#34
Hexachlorobutadiene
Concen: 38.745 ng
RT: 10.89 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion:	225	Resp:	315162
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.9	73.3
227	62.3	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

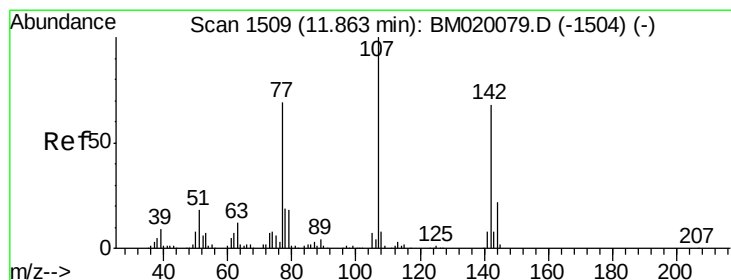
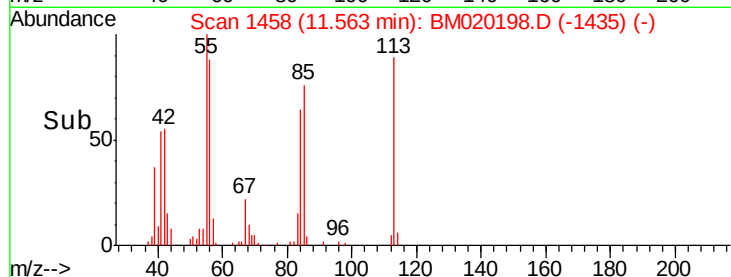
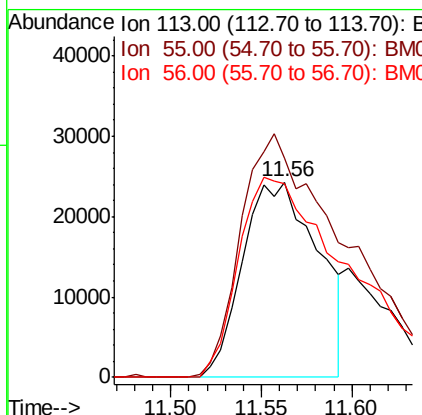
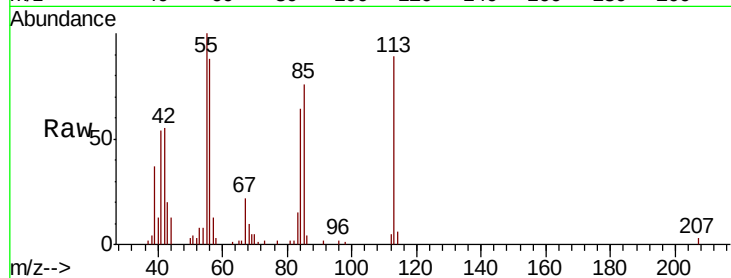




#35
 Caprolactam
 Concen: 25.336 ng
 RT: 11.56 min Scan# 1458
 Delta R.T. 0.04 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

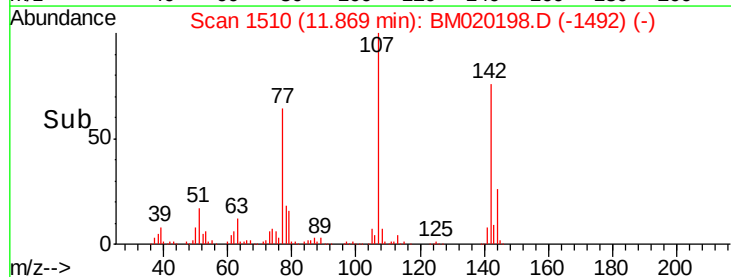
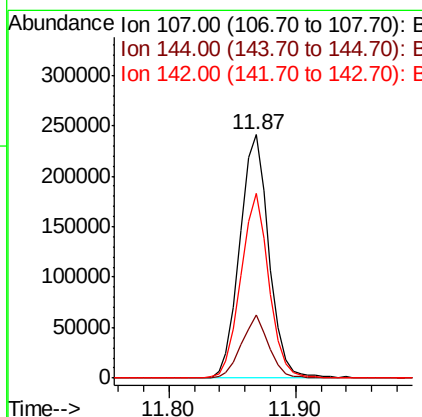
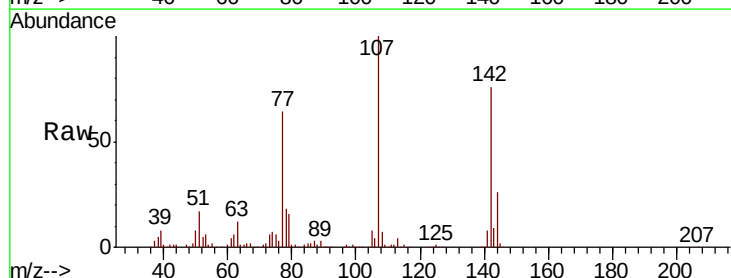
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

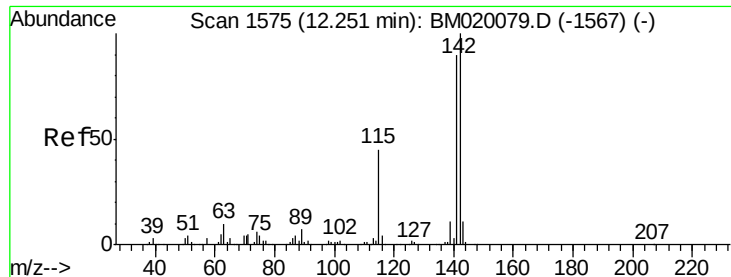
Tgt Ion:113 Resp: 70795
 Ion Ratio Lower Upper
 113 100
 55 112.6 102.5 142.5
 56 99.5 87.7 127.7



#36
 4-Chloro-3-methylphenol
 Concen: 35.090 ng
 RT: 11.87 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion:107 Resp: 385353
 Ion Ratio Lower Upper
 107 100
 144 25.7 17.6 26.4
 142 75.6 54.6 82.0

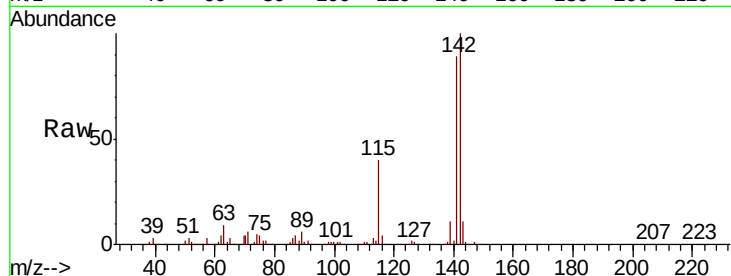




#37
2-Methylnaphthalene
Concen: 38.805 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	40.1	35.8	53.6

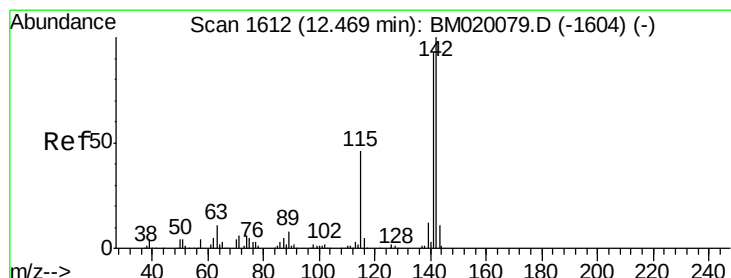
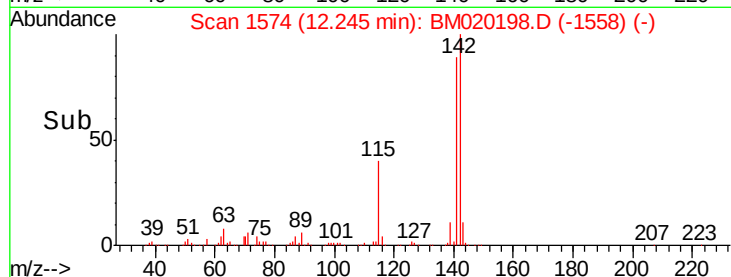
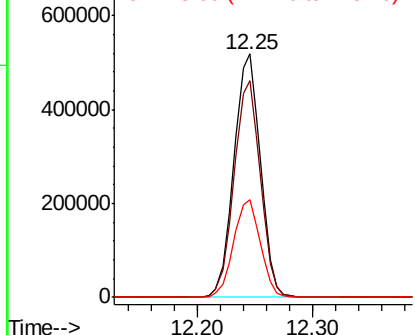


Abundance

Ion 142.00 (141.70 to 142.70): E

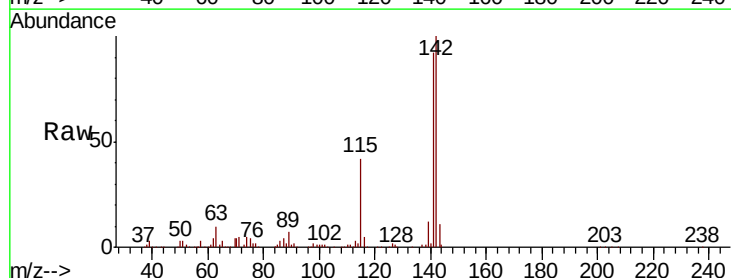
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.485 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.8	112.2
116	4.7	3.9	5.9

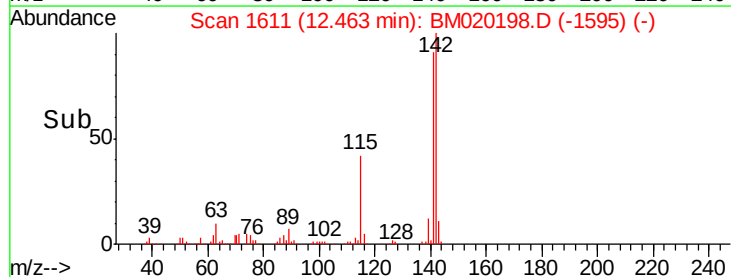
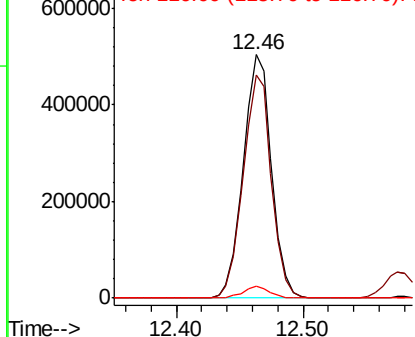


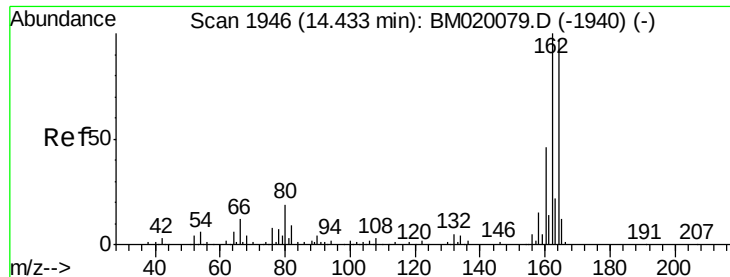
Abundance

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: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

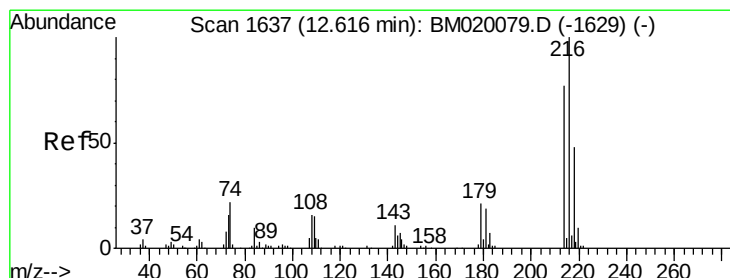
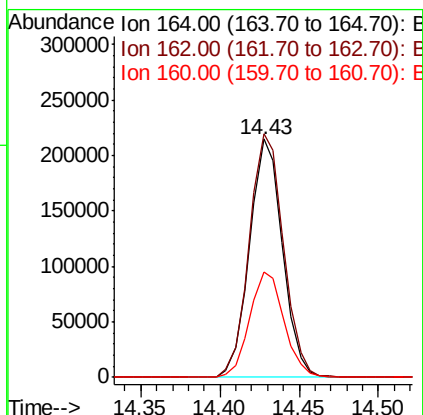
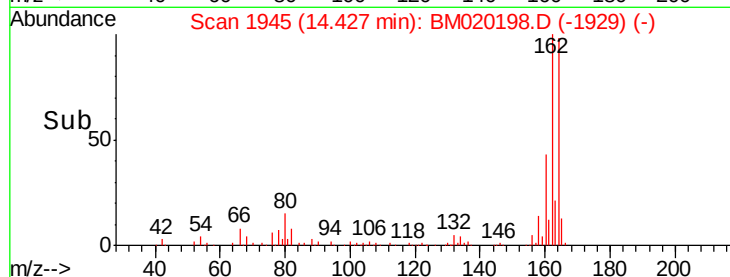
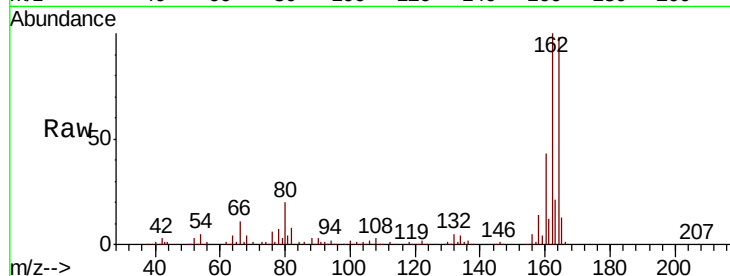
Tgt Ion:164 Resp: 310108

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

160 44.1 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.832 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:216 Resp: 519665

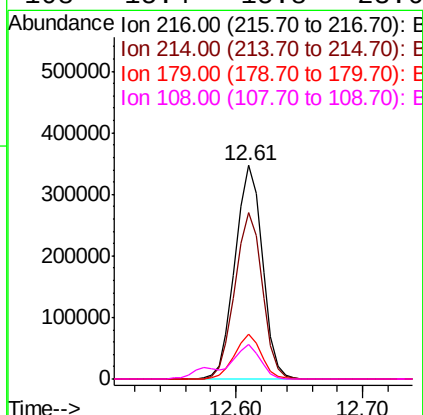
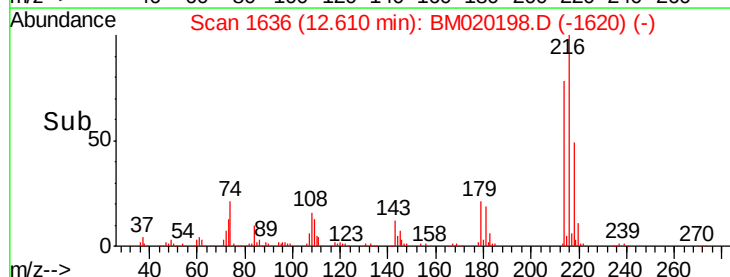
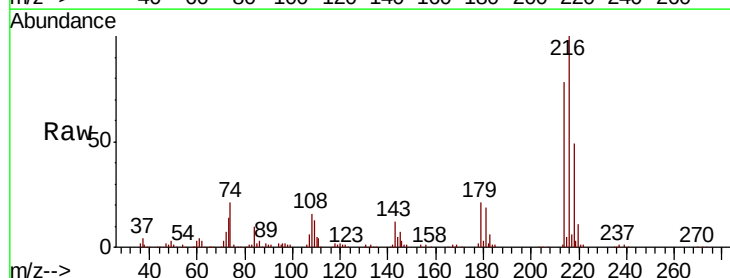
Ion Ratio Lower Upper

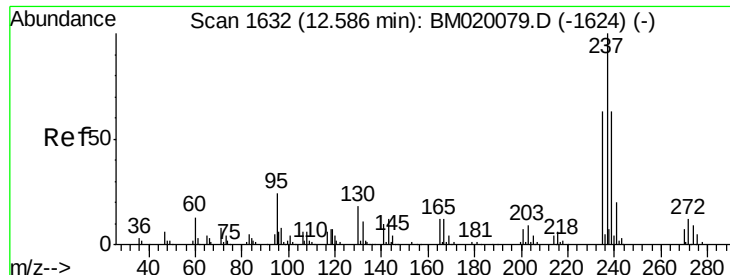
216 100

214 77.8 62.6 94.0

179 20.2 17.1 25.7

108 15.4 15.8 23.6#

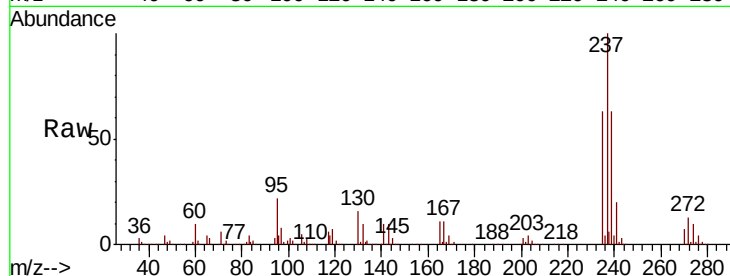




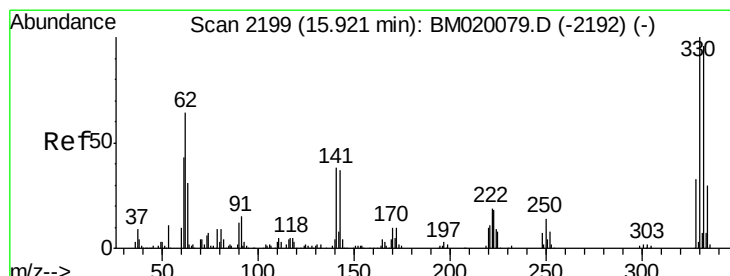
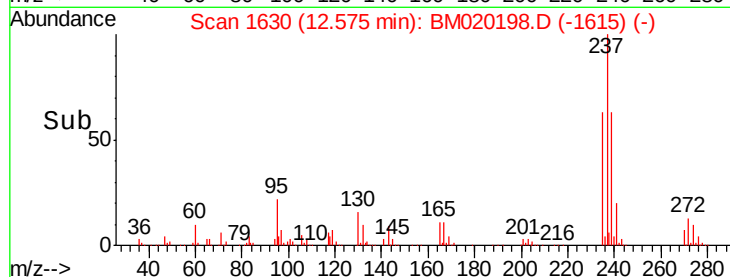
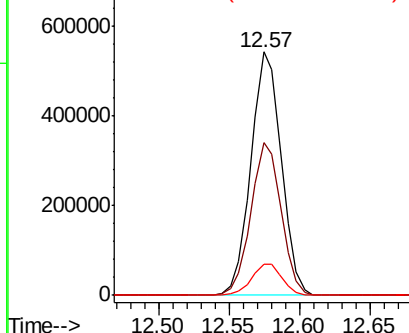
#41
Hexachlorocyclopentadiene
Concen: 115.138 ng
RT: 12.57 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tgt Ion: 237 Resp: 822511
Ion Ratio Lower Upper
237 100
235 63.0 43.4 83.4
272 12.9 0.0 31.7

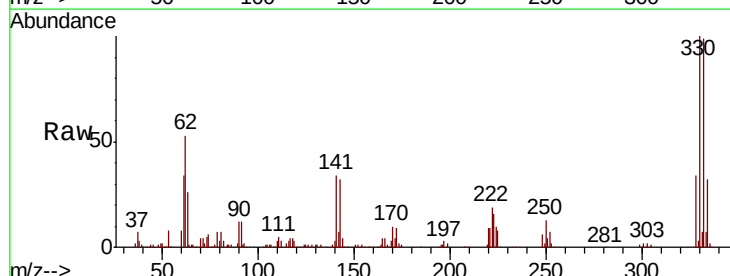


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

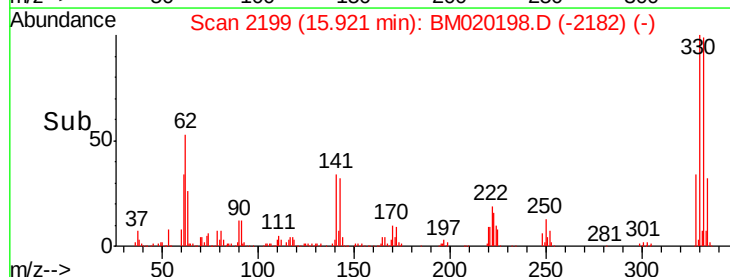
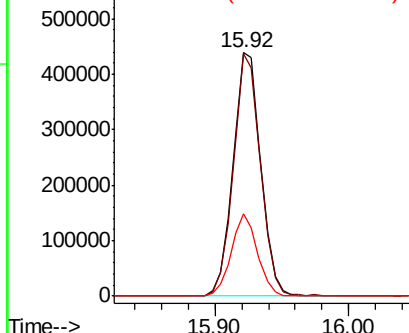


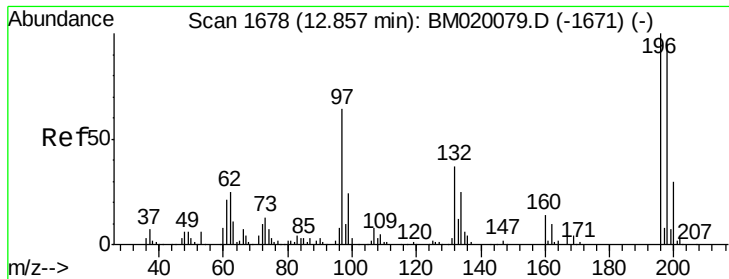
#42
2,4,6-Tribromophenol
Concen: 131.839 ng
RT: 15.92 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion: 330 Resp: 634602
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 32.0 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

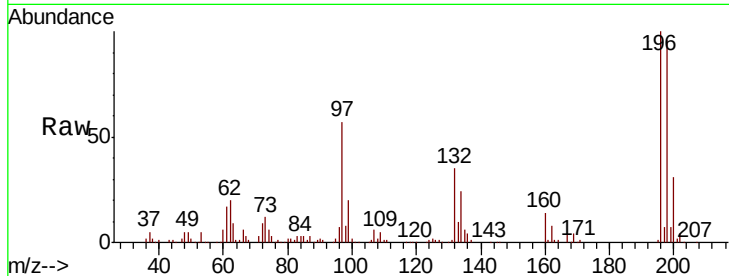




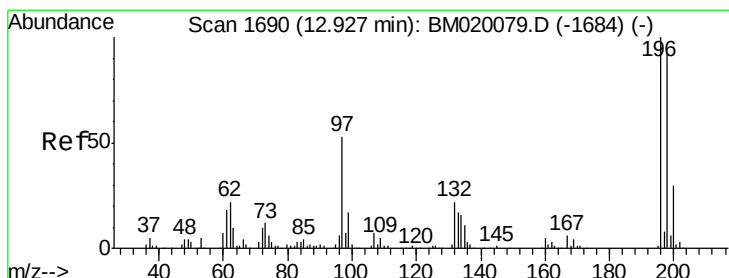
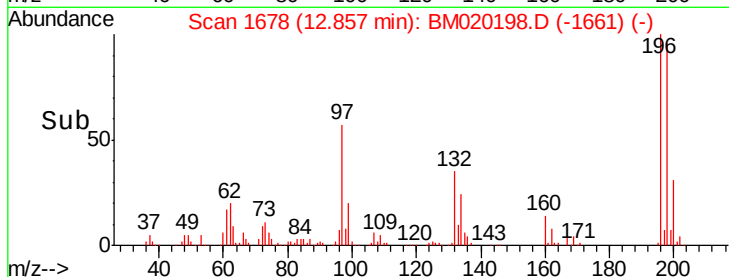
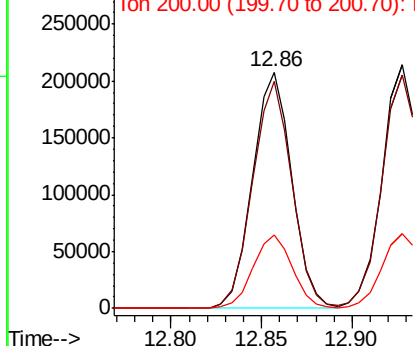
#43
 2,4,6-Trichlorophenol
 Concen: 45.286 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleID :
 PB119288BS

Tgt Ion:196 Resp: 312263
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.2
 200 31.3 24.3 36.5

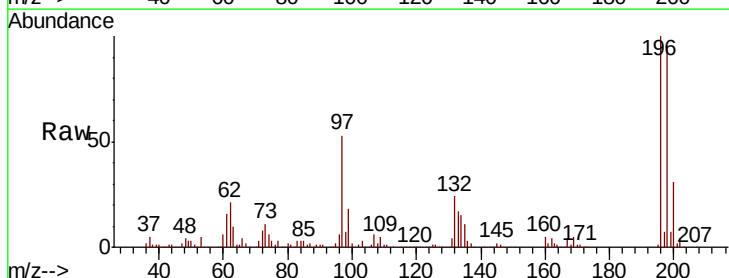


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

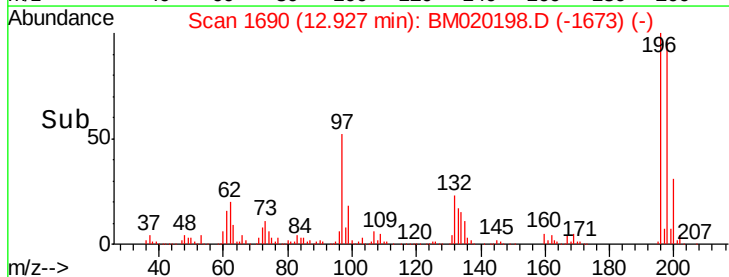
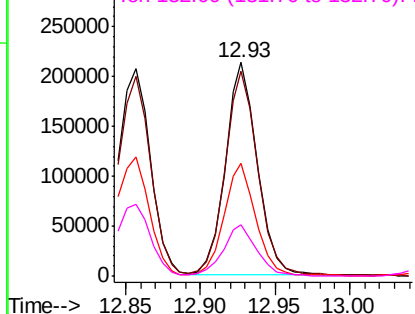


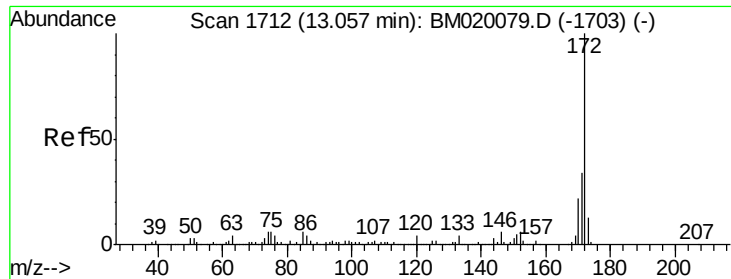
#44
 2,4,5-Trichlorophenol
 Concen: 41.183 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion:196 Resp: 317235
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.7 112.1
 97 52.7 42.2 63.4
 132 23.7 17.8 26.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

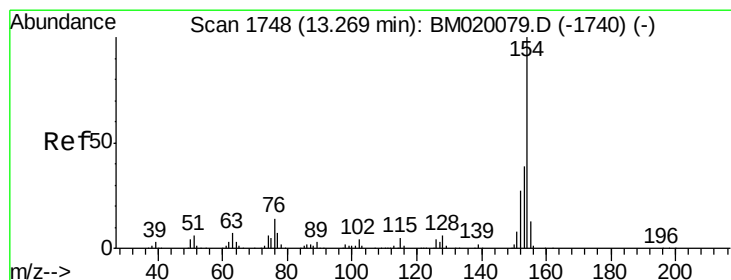
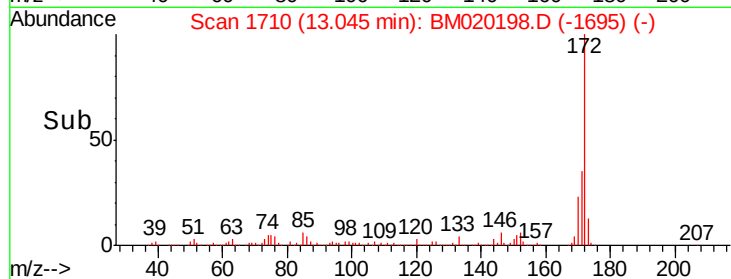
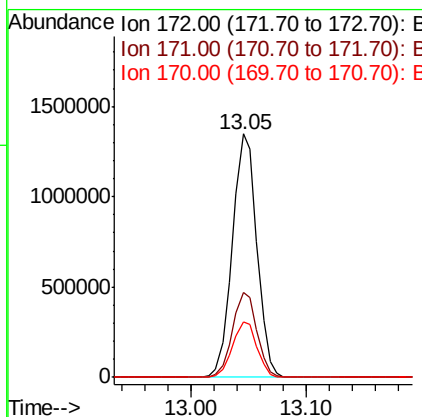
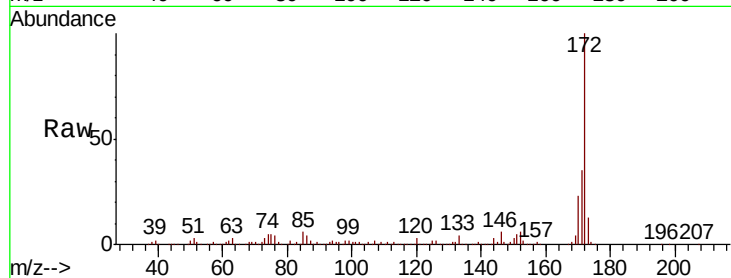




#45
 2-Fluorobiphenyl
 Concen: 78.318 ng
 RT: 13.05 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

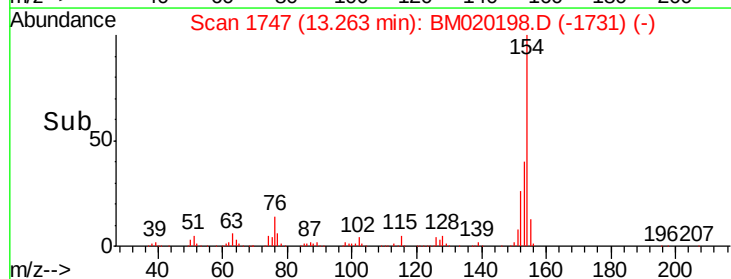
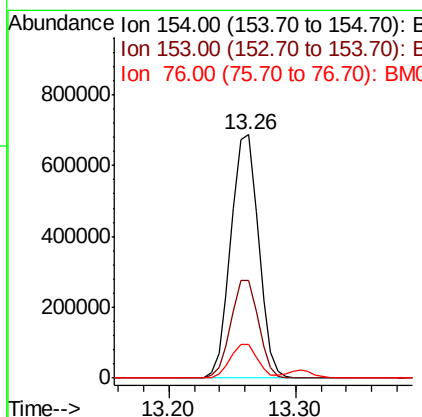
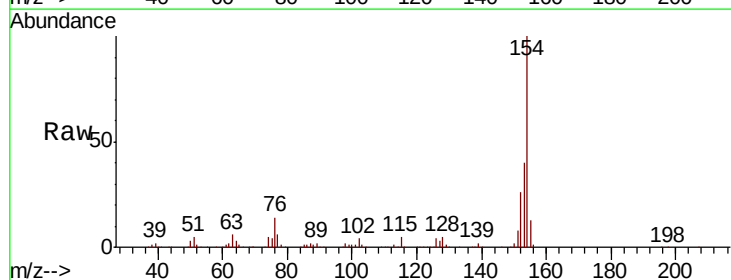
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

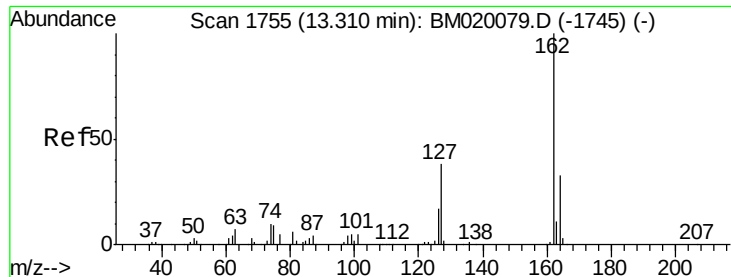
Tgt Ion:172 Resp: 1973967
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.3 40.9
 170 22.8 17.9 26.9



#46
 1,1'-Biphenyl
 Concen: 40.826 ng
 RT: 13.26 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion:154 Resp: 1042079
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.4 59.4
 76 13.6 0.0 34.5

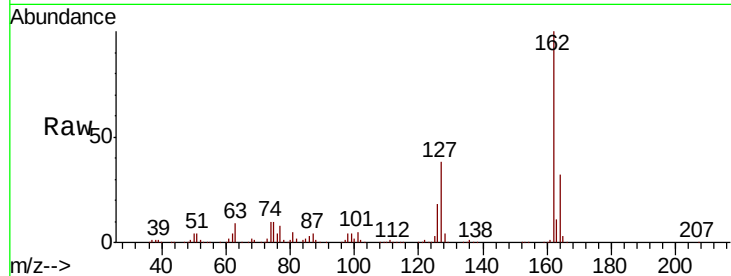




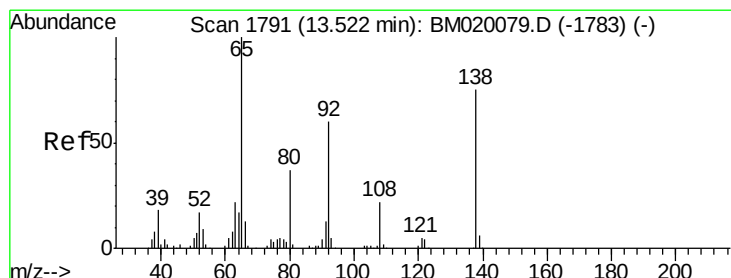
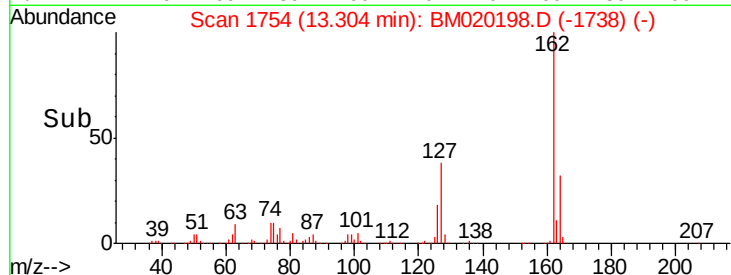
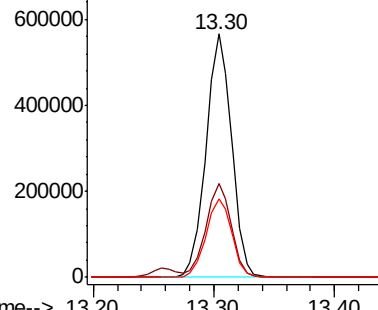
#47
 2-Chloronaphthalene
 Concen: 41.068 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.4
164	32.2	26.2	39.2

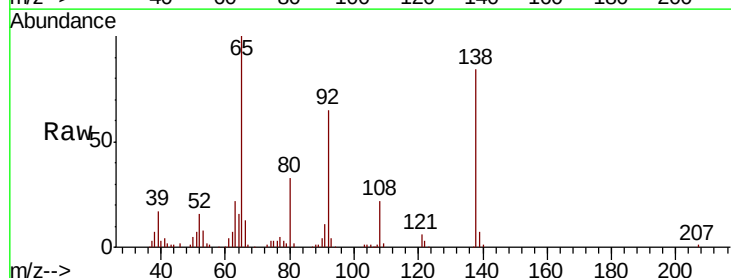


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

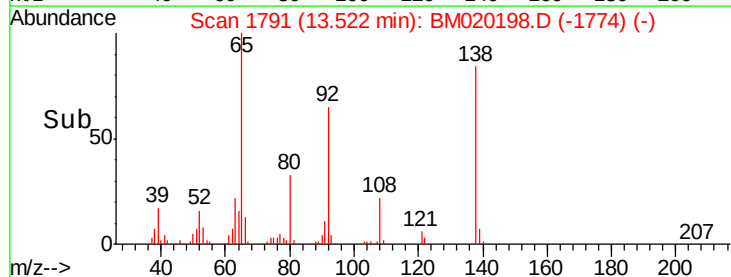
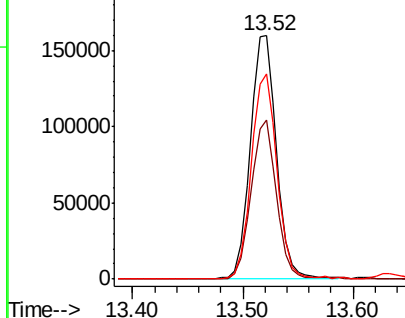


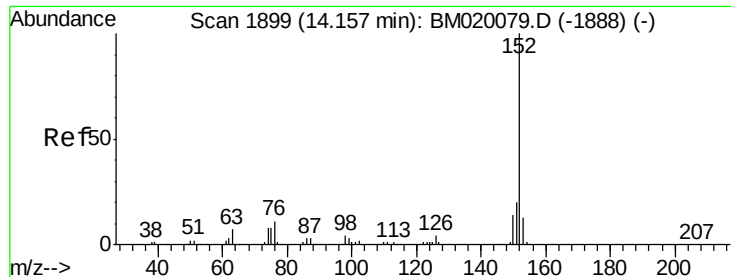
#48
 2-Nitroaniline
 Concen: 36.689 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	48.2	72.4
138	84.3	60.3	90.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.896 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

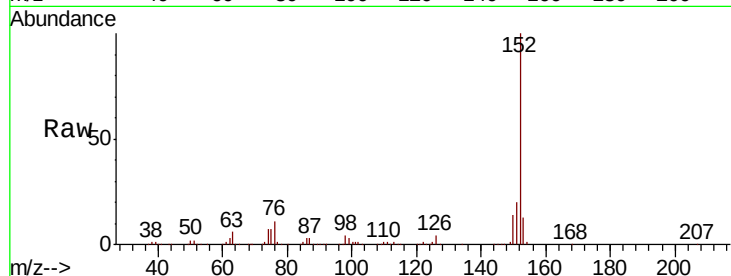
Tgt Ion:152 Resp: 1235988

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

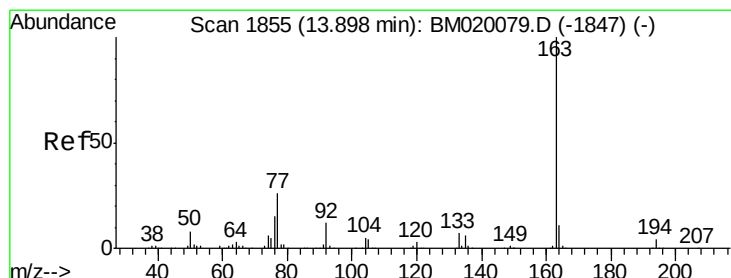
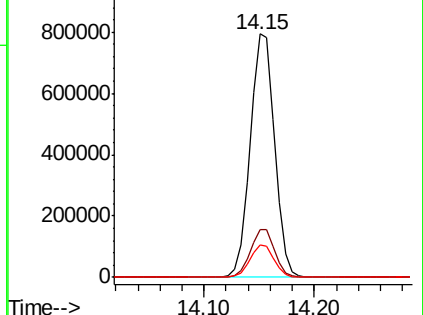
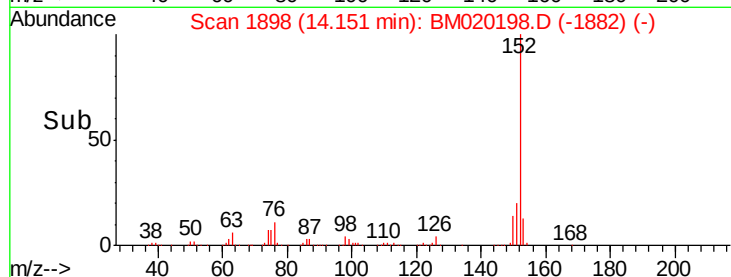
153 13.2 10.6 16.0



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: 36.836 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

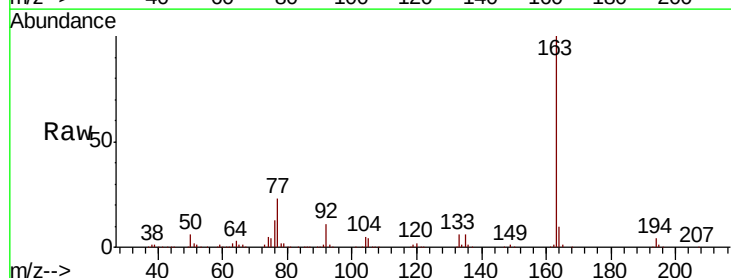
Tgt Ion:163 Resp: 970872

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

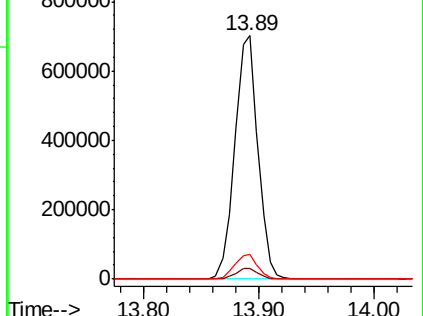
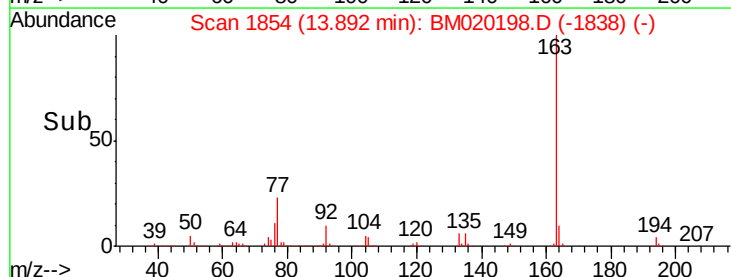
164 10.0 8.4 12.6

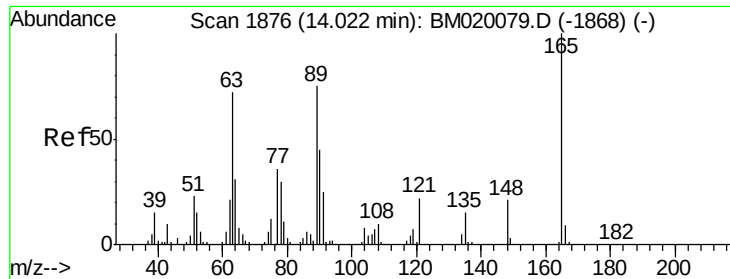


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

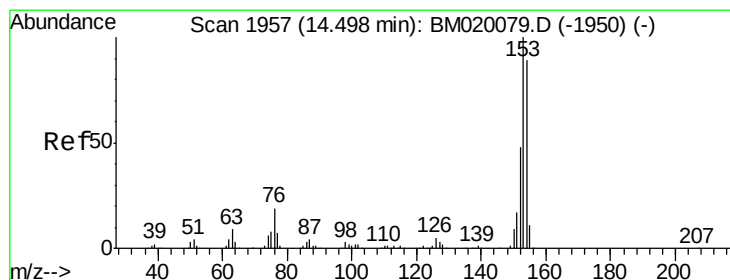
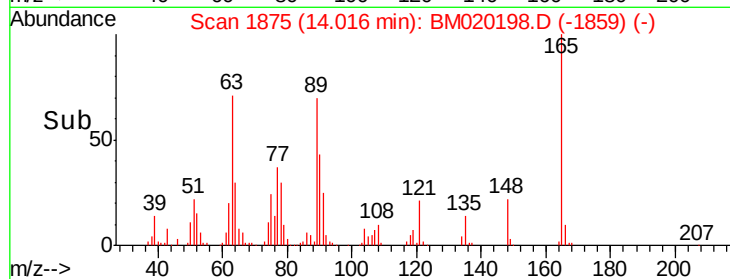
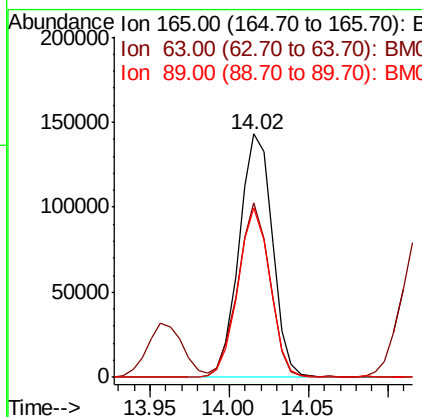
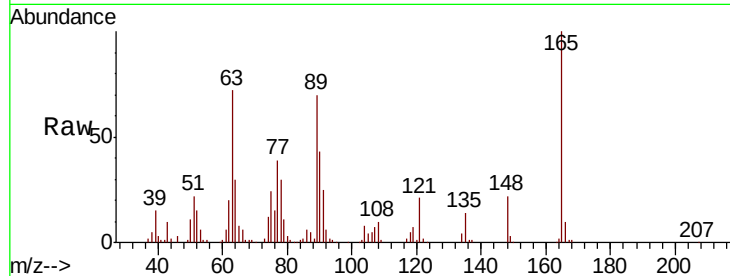




#51
 2,6-Dinitrotoluene
 Concen: 37.638 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

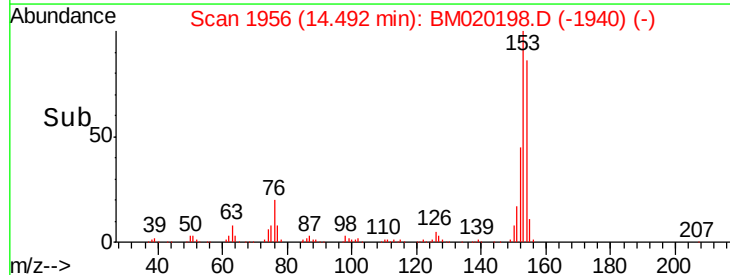
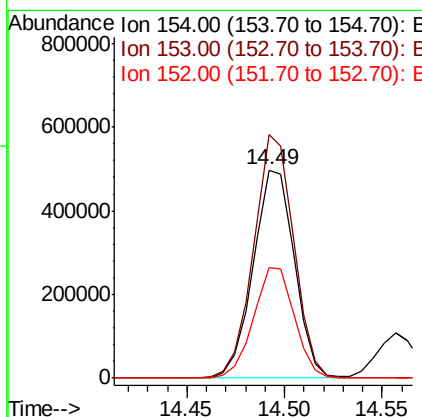
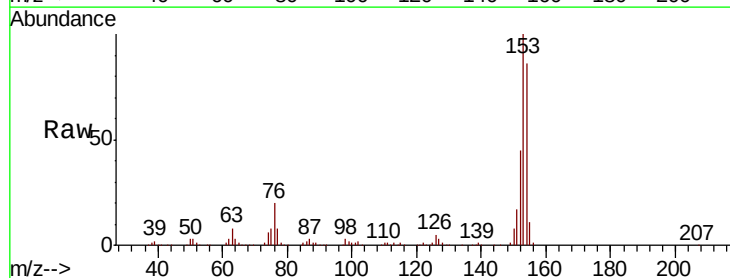
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

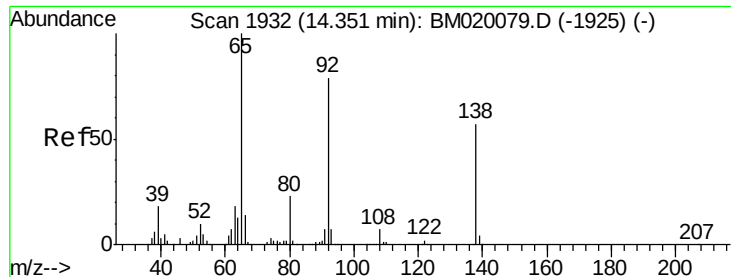
Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.8	60.3	90.5
89	69.6	59.8	89.6



#52
 Acenaphthene
 Concen: 38.878 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.9	90.2	135.2
152	53.0	43.0	64.4

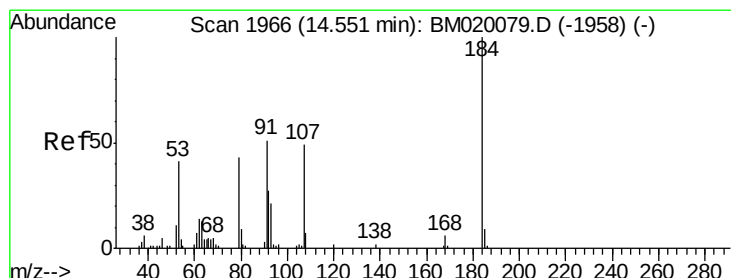
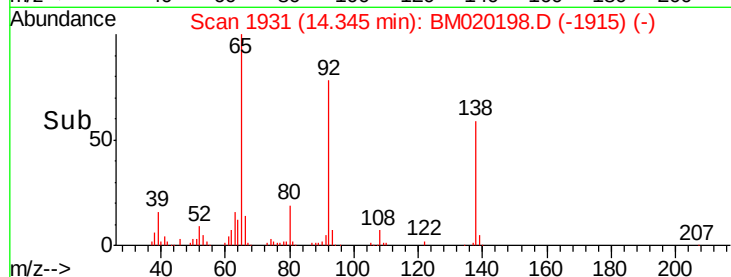
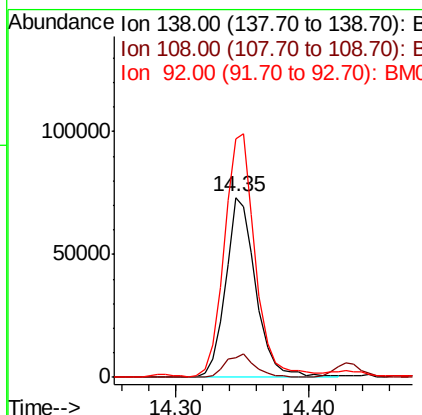
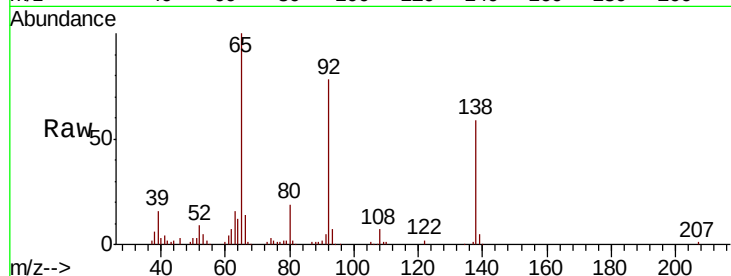




#53
 3-Nitroaniline
 Concen: 22.420 ng
 RT: 14.35 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

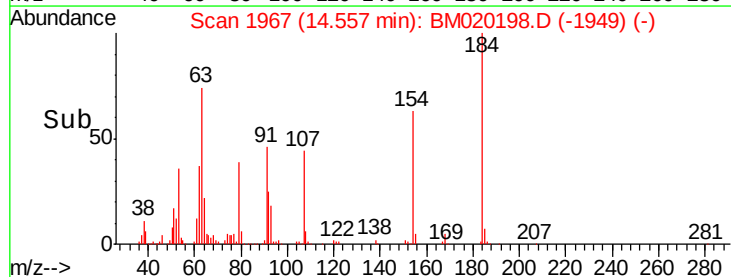
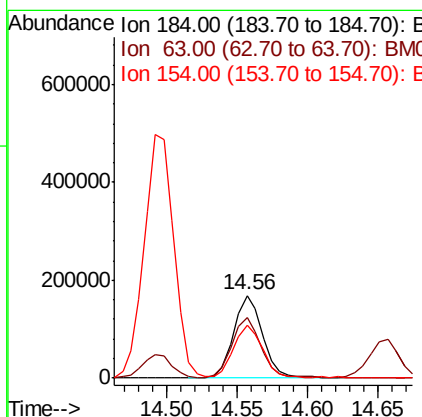
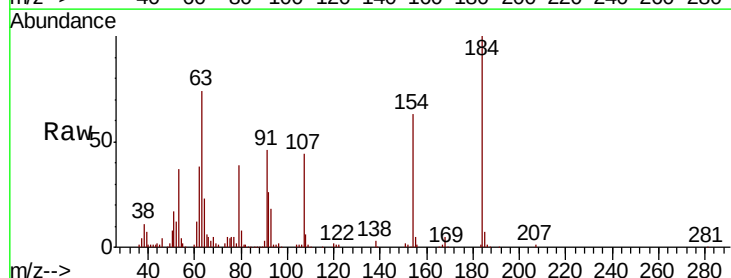
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

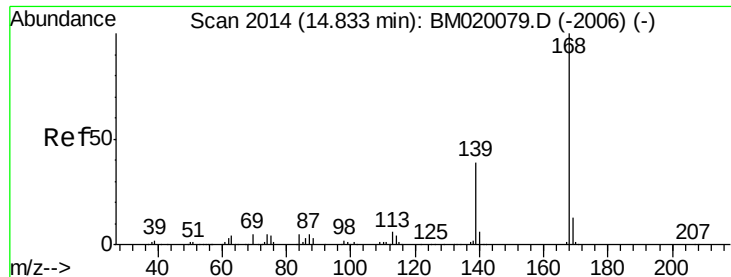
Tgt Ion:138 Resp: 115516
 Ion Ratio Lower Upper
 138 100
 108 11.2 10.4 15.6
 92 132.7 111.3 166.9



#54
 2,4-Dinitrophenol
 Concen: 86.667 ng
 RT: 14.56 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion:184 Resp: 243185
 Ion Ratio Lower Upper
 184 100
 63 74.1 68.9 103.3
 154 63.5 54.4 81.6

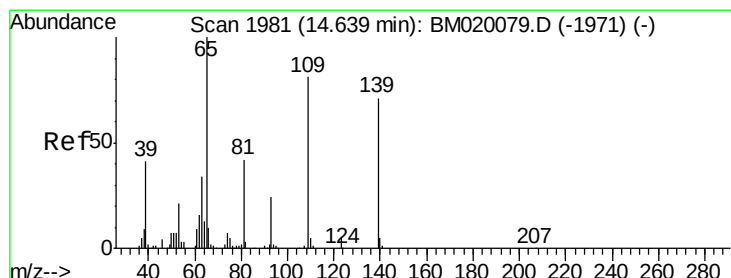
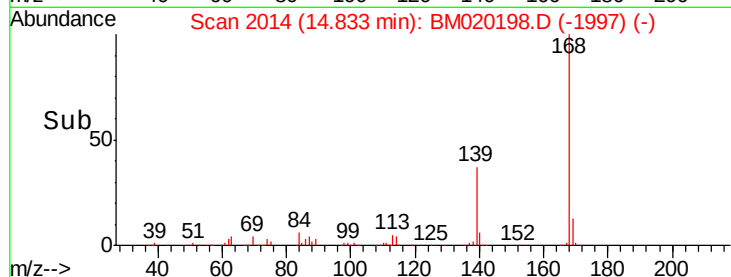
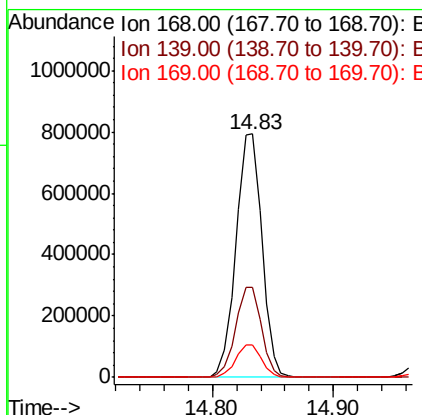
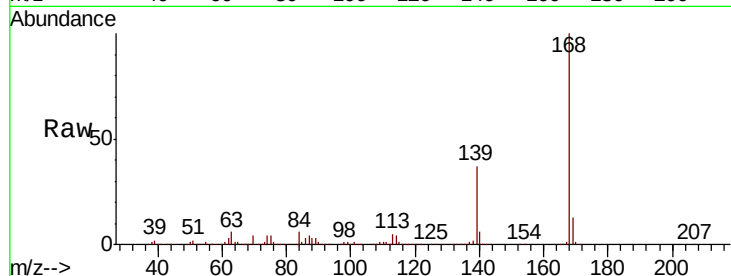




#55
Dibenzofuran
Concen: 37.793 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

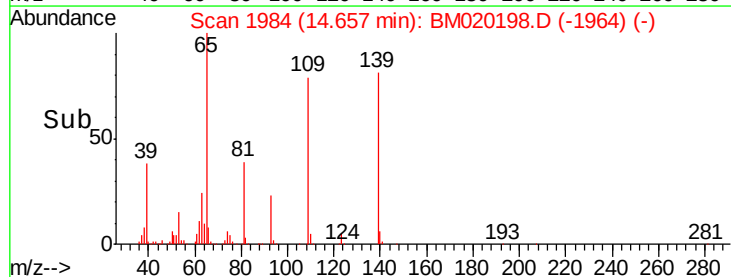
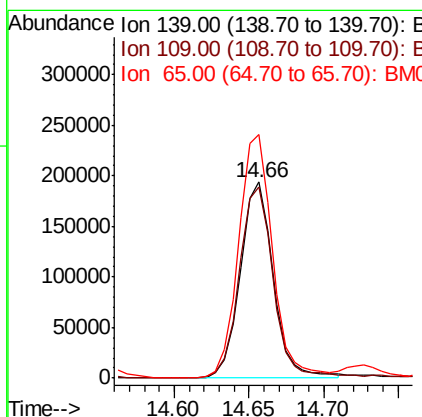
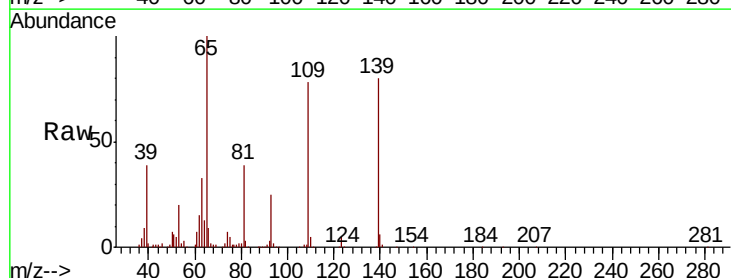
Instrument :
BNA_M
ClientSampleId :
PB119288BS

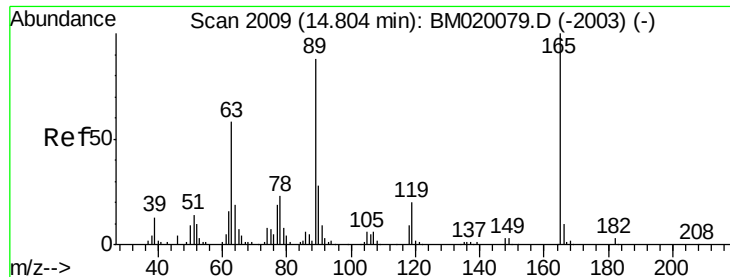
Tgt Ion:168 Resp: 1192308
Ion Ratio Lower Upper
168 100
139 37.1 31.1 46.7
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 67.712 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion:139 Resp: 297657
Ion Ratio Lower Upper
139 100
109 97.5 94.1 134.1
65 124.4 120.9 160.9





#57

2,4-Dinitrotoluene

Concen: 37.537 ng

RT: 14.80 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tgt Ion:165 Resp: 283151

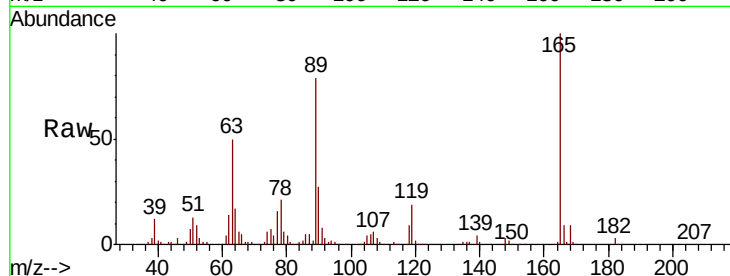
Ion Ratio Lower Upper

165 100

63 50.4 46.2 69.2

89 78.7 70.6 105.8

182 3.1 2.2 3.2



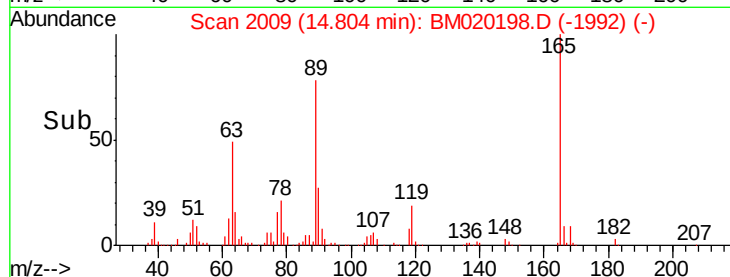
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

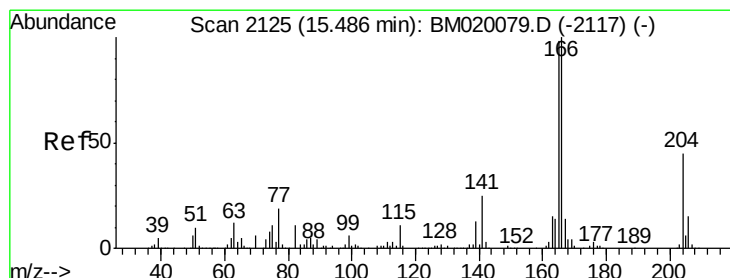
Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

Time-->



#58

Fluorene

Concen: 36.403 ng

RT: 15.48 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

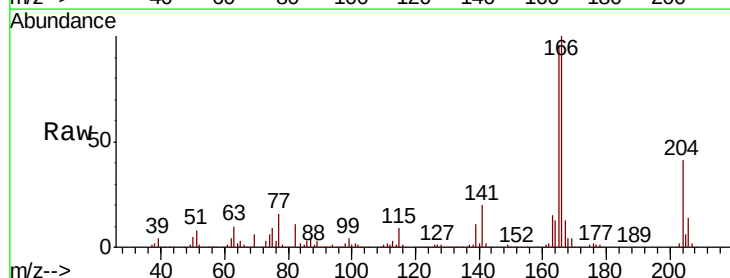
Tgt Ion:166 Resp: 943200

Ion Ratio Lower Upper

166 100

165 96.3 78.2 117.2

167 13.5 11.0 16.4

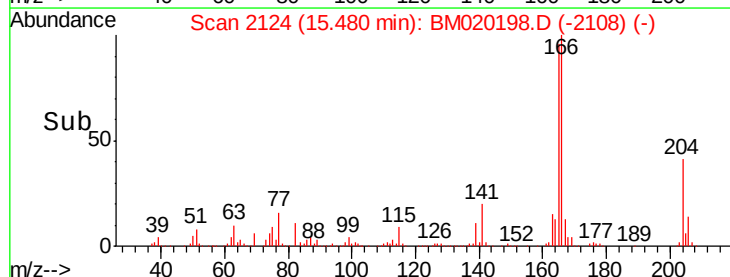


Abundance Ion 166.00 (165.70 to 166.70): E

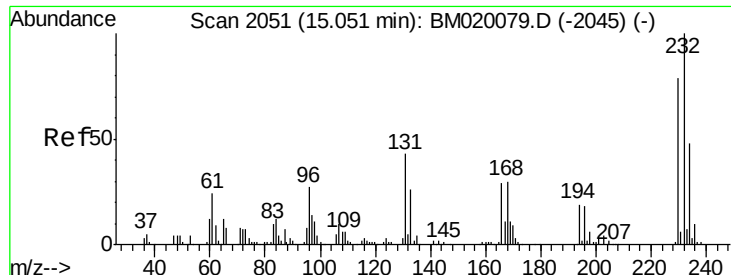
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



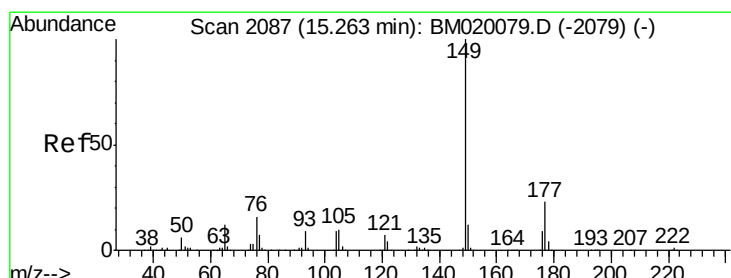
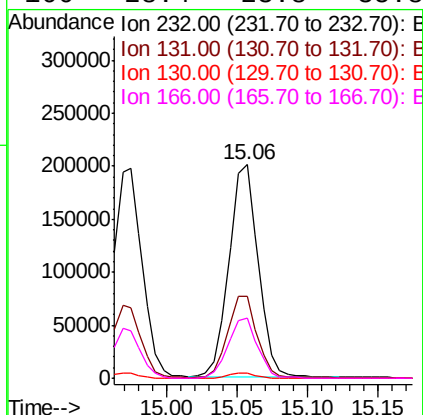
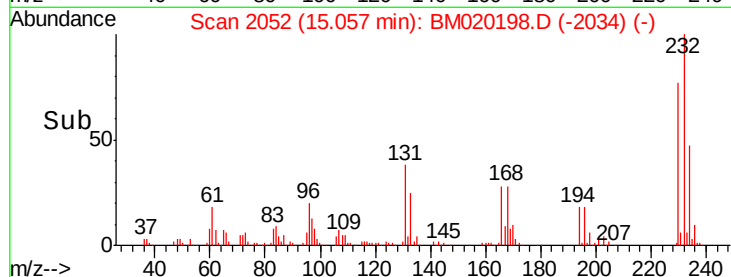
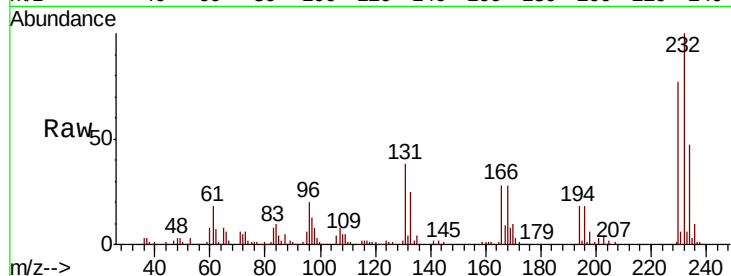
Time-->



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.441 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

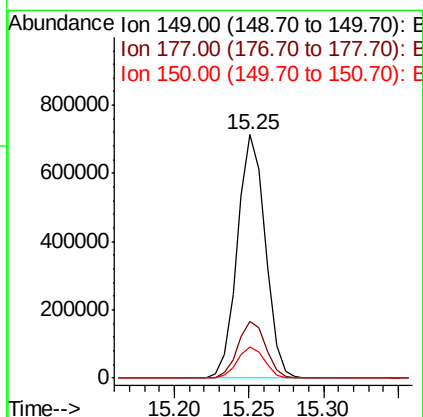
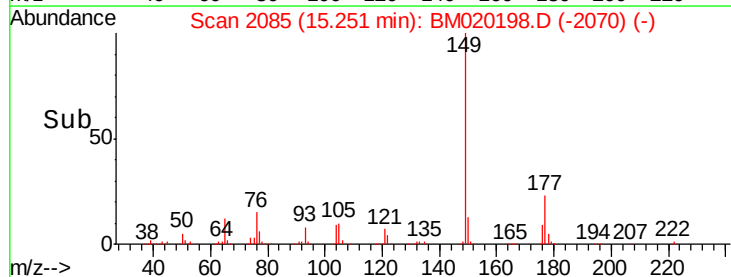
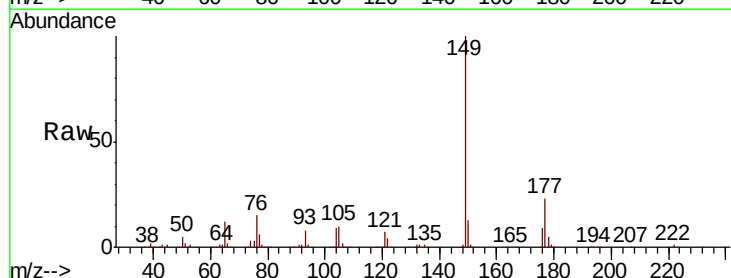
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

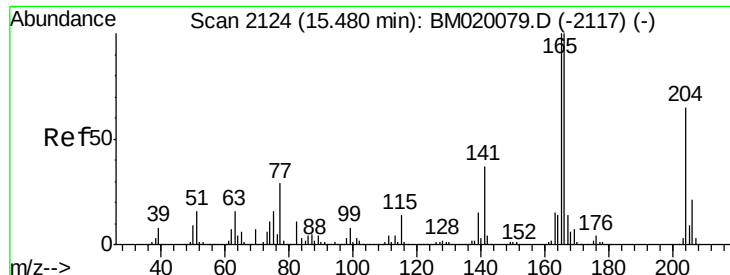
Tgt Ion:	232	Resp:	288718
Ion	Ratio	Lower	Upper
232	100		
131	38.9	34.2	51.4
130	2.3	2.0	3.0
166	28.4	23.8	35.8



#60
 Diethylphthalate
 Concen: 35.052 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion:	149	Resp:	930785
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.2	27.4
150	13.0	9.9	14.9

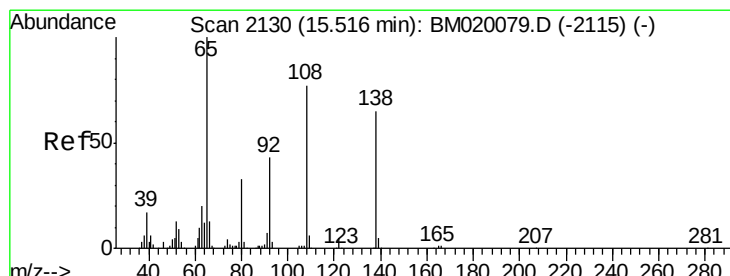
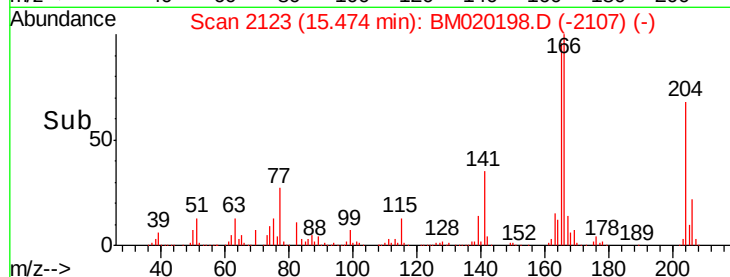
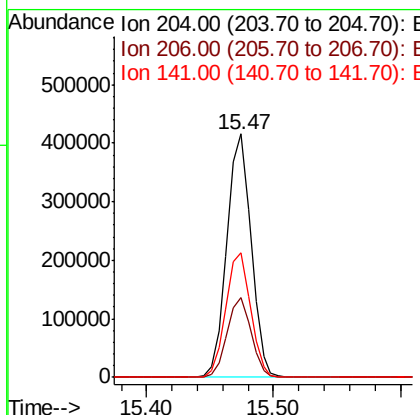
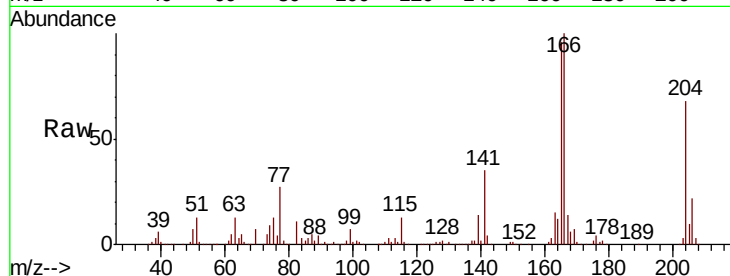




#61
 4-Chlorophenyl-phenylether
 Concen: 37.487 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

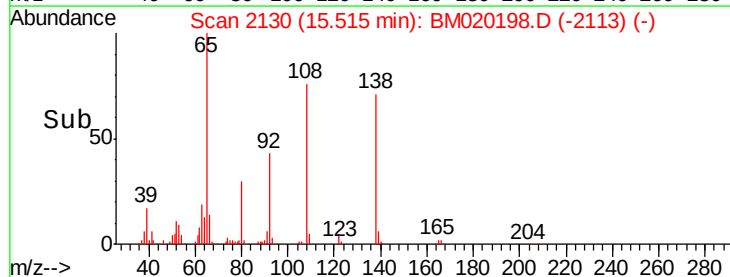
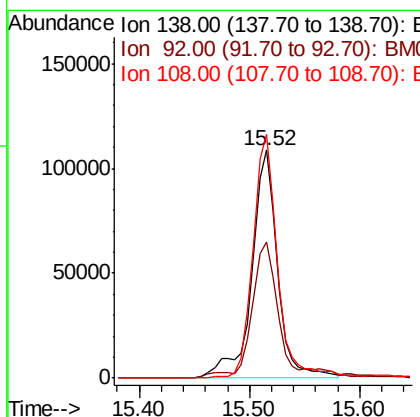
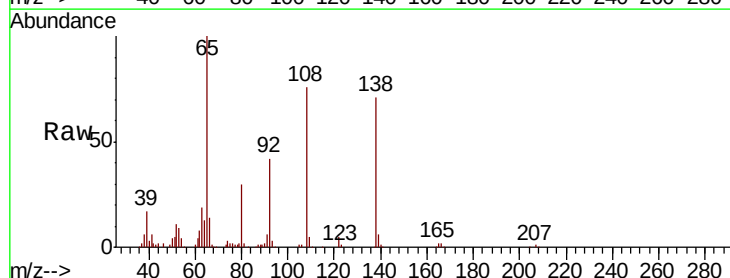
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

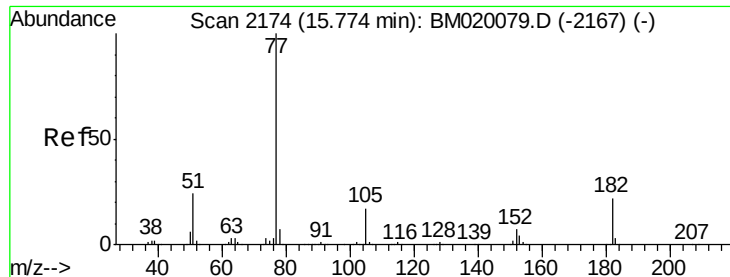
Tgt Ion:204 Resp: 550331
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.6 38.4
 141 51.2 46.1 69.1



#62
 4-Nitroaniline
 Concen: 31.537 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion:138 Resp: 179320
 Ion Ratio Lower Upper
 138 100
 92 59.6 45.9 85.9
 108 106.7 97.7 137.7

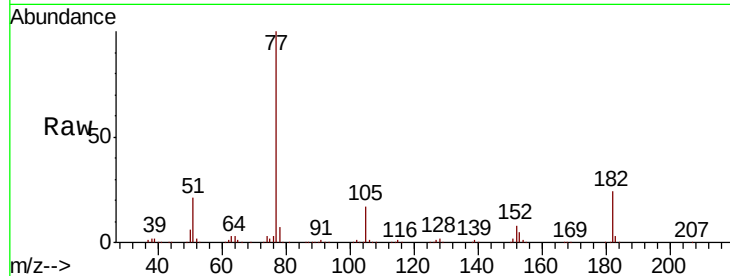




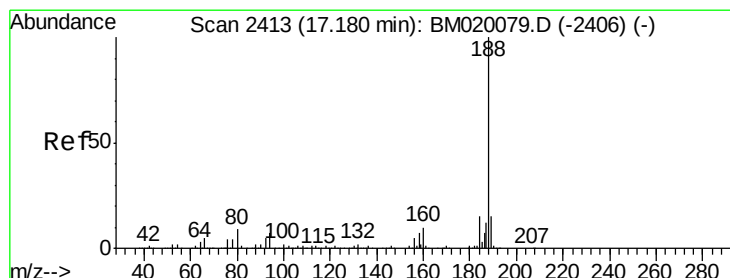
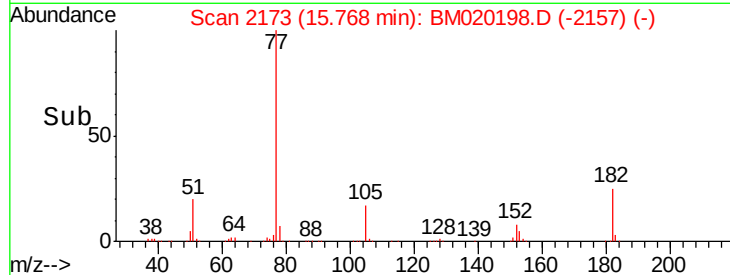
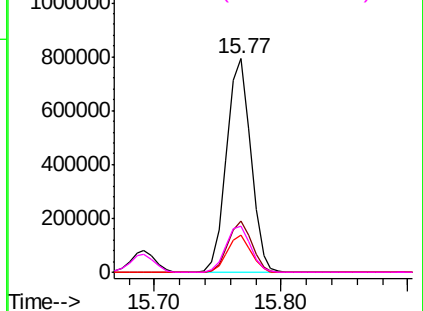
#63
Azobenzene
Concen: 33.328 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tgt Ion: 77 Resp: 1044038
Ion Ratio Lower Upper
77 100
182 24.1 2.1 42.1
105 17.2 0.0 36.8
51 21.5 3.8 43.8

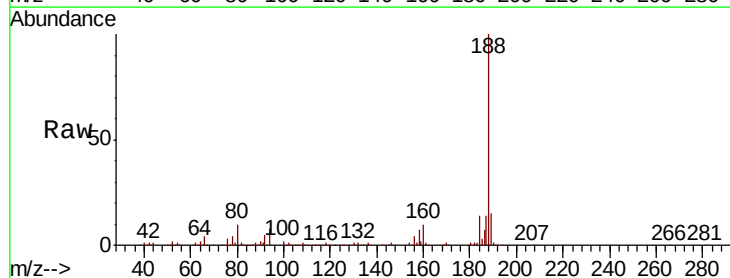


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

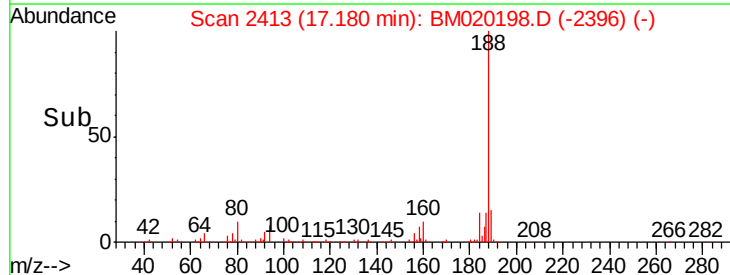
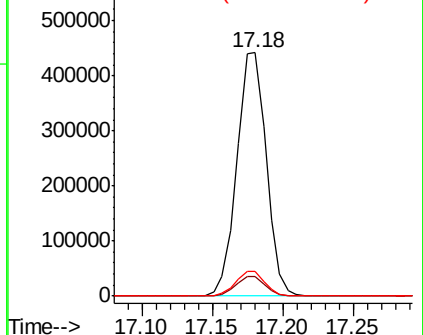


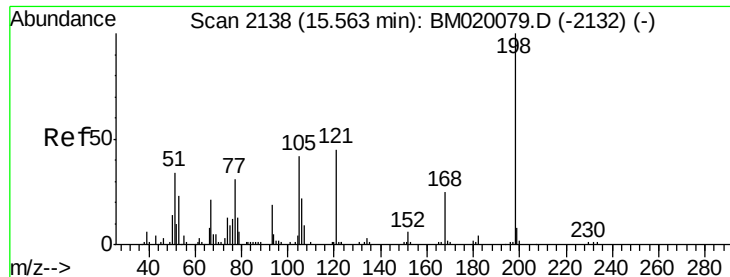
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion: 188 Resp: 645217
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 10.0 7.4 11.2



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

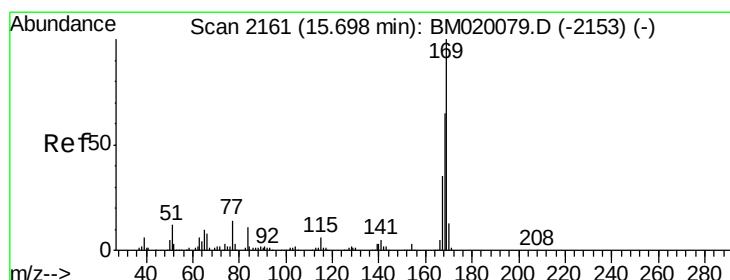
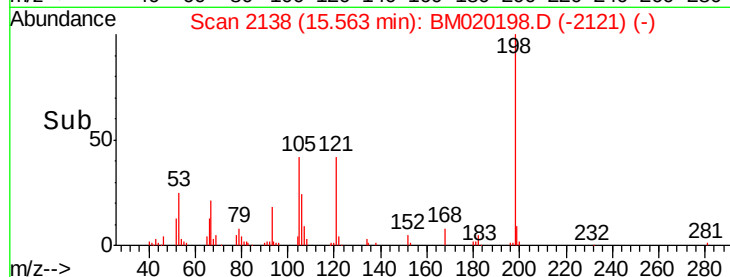
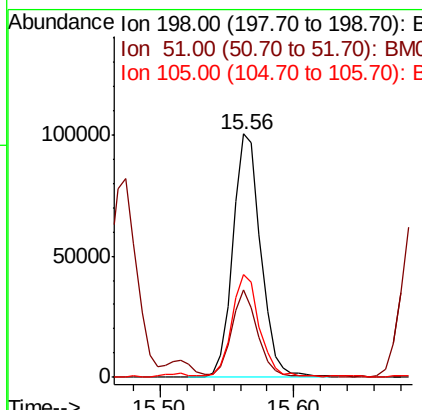
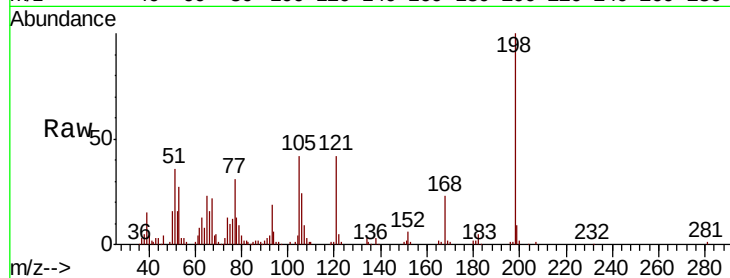




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.506 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

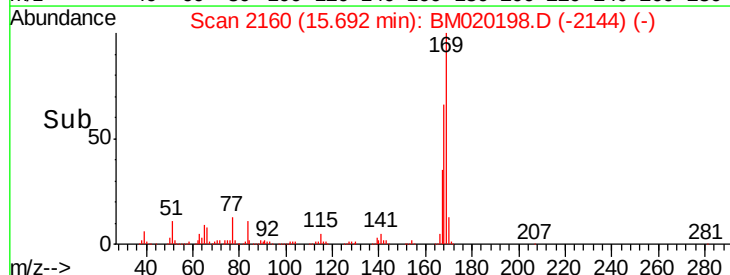
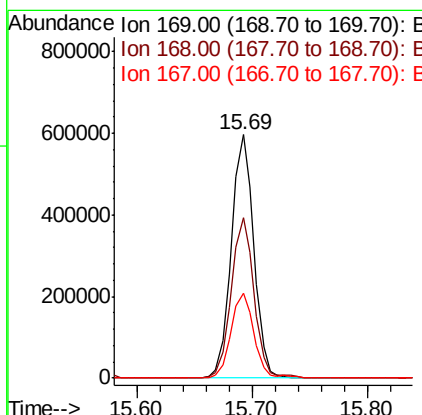
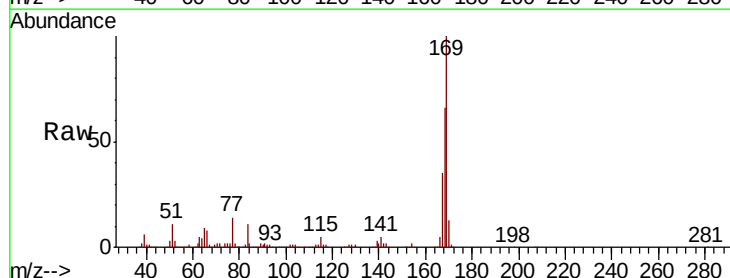
Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

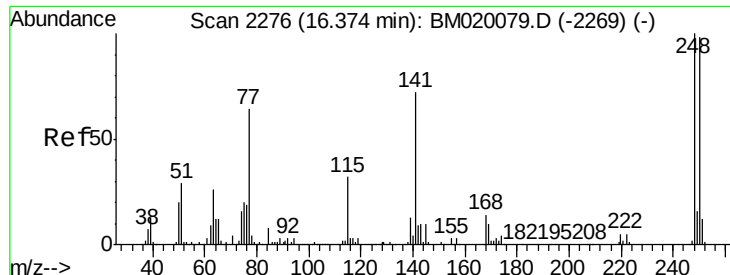
Tgt Ion	Ratio	Lower	Upper
198	100		
51	35.8	16.5	56.5
105	42.1	22.8	62.8



#66
 n-Nitrosodiphenylamine
 Concen: 42.243 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	51.9	77.9
167	35.0	27.8	41.6





#67

4-Bromophenyl-phenylether

Concen: 41.632 ng

RT: 16.37 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

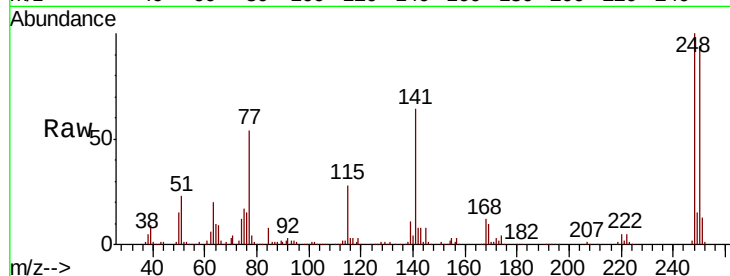
Tgt Ion:248 Resp: 329390

Ion Ratio Lower Upper

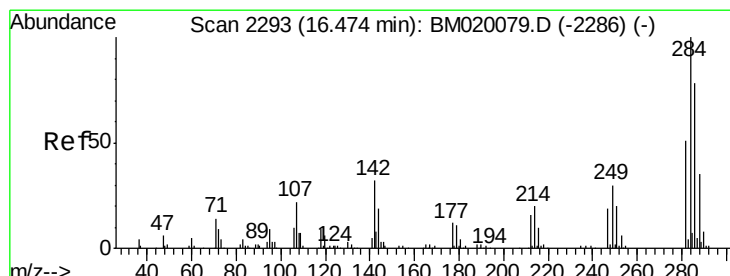
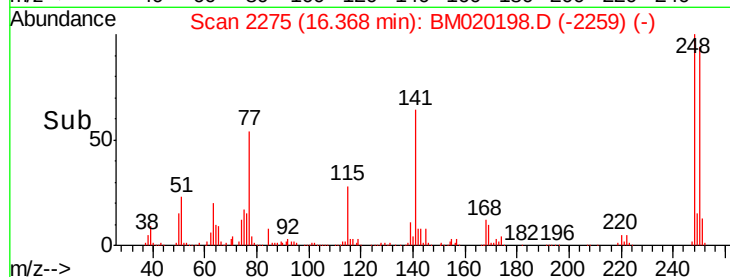
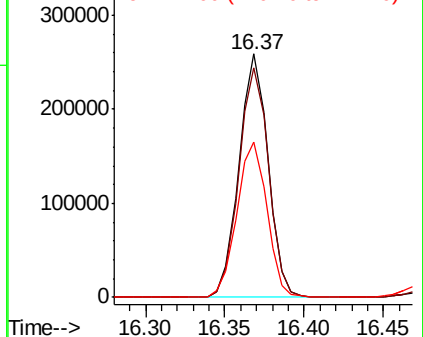
248 100

250 94.5 78.4 117.6

141 63.7 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: 41.271 ng

RT: 16.47 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

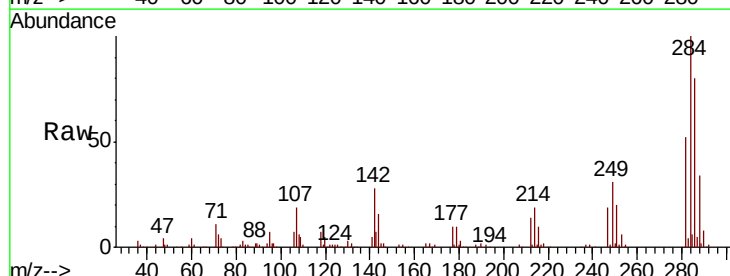
Tgt Ion:284 Resp: 375763

Ion Ratio Lower Upper

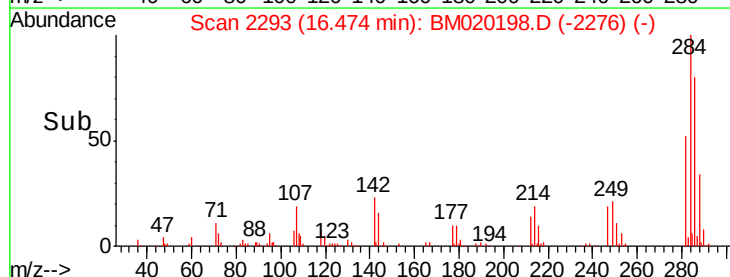
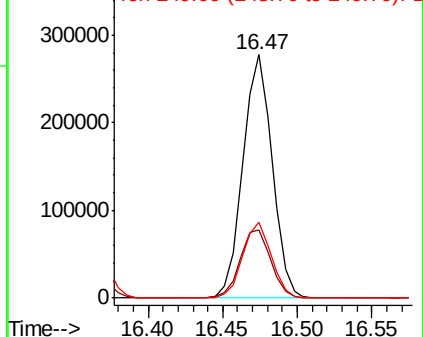
284 100

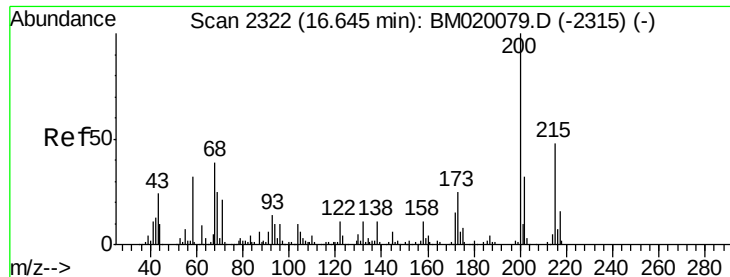
142 27.9 25.2 37.8

249 31.1 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: 39.111 ng

RT: 16.64 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

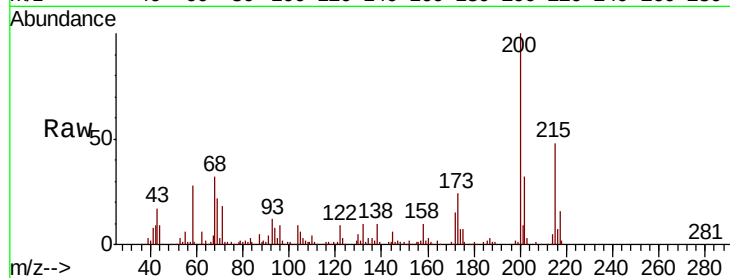
Tgt Ion:200 Resp: 290187

Ion Ratio Lower Upper

200 100

173 24.0 4.6 44.6

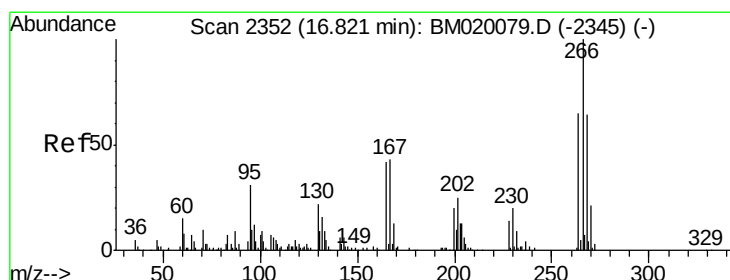
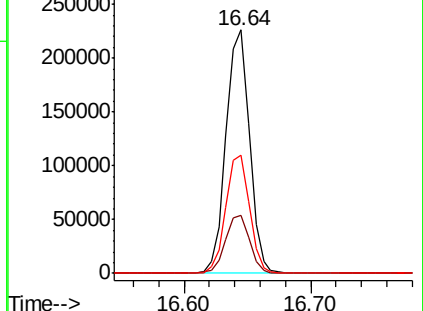
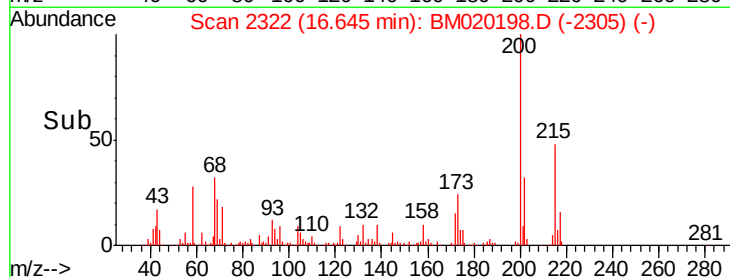
215 48.5 28.0 68.0



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: 82.165 ng

RT: 16.82 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

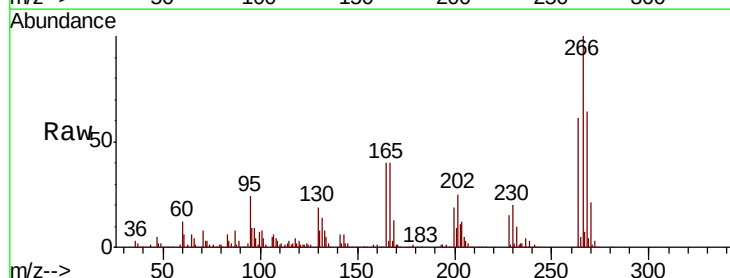
Tgt Ion:266 Resp: 428024

Ion Ratio Lower Upper

266 100

268 63.7 51.4 77.0

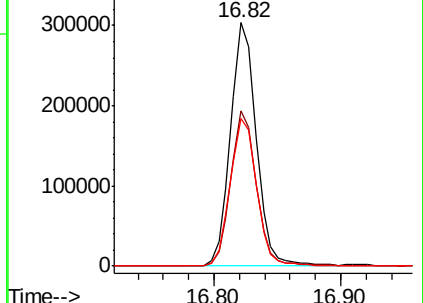
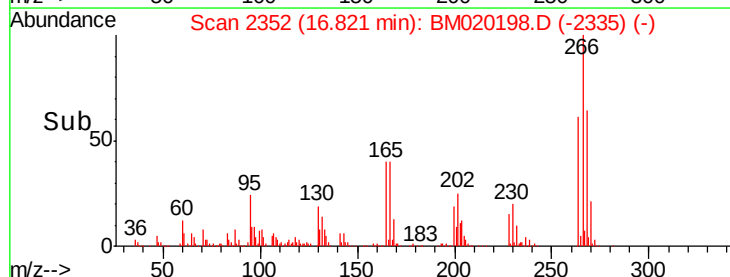
264 60.8 52.0 78.0

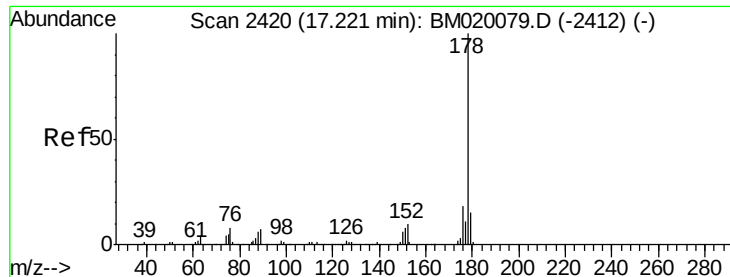


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.842 ng

RT: 17.22 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

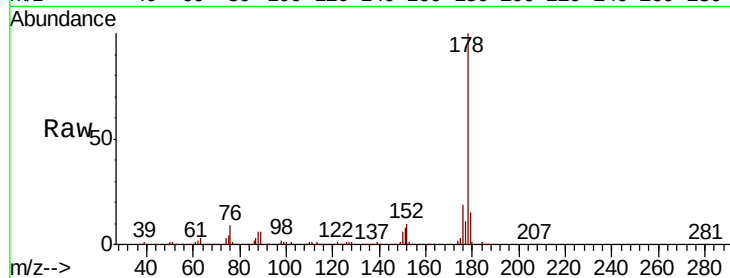
Tgt Ion:178 Resp: 1383415

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

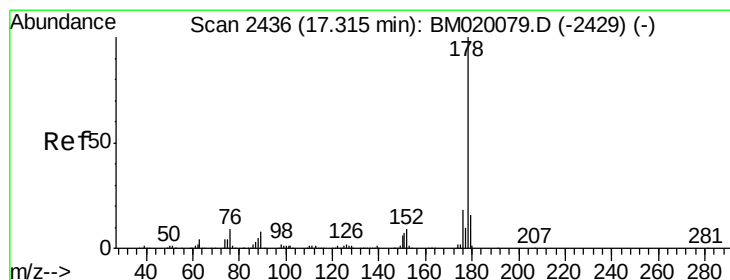
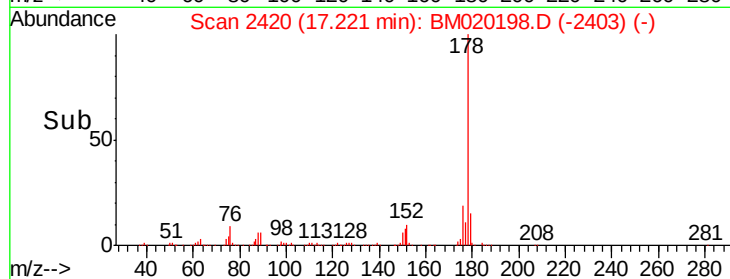
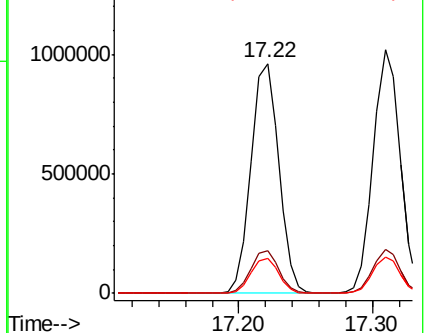
179 15.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.729 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

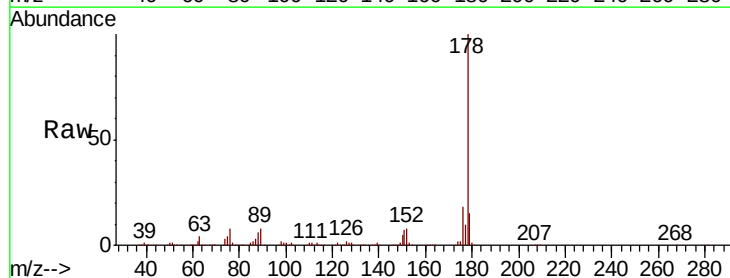
Tgt Ion:178 Resp: 1414756

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

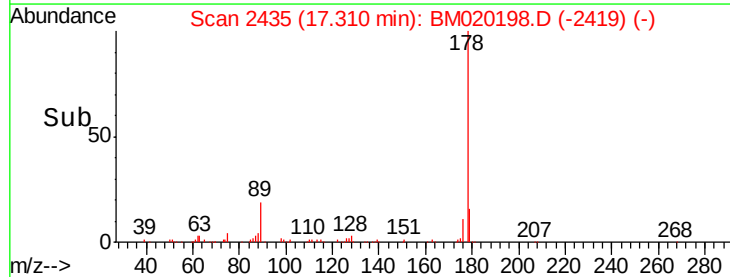
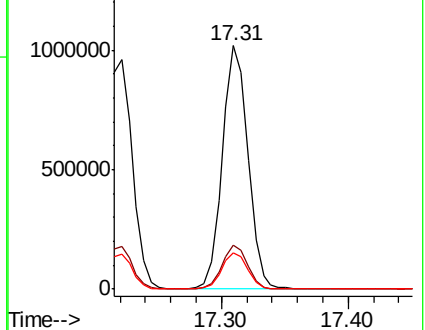
179 15.2 12.4 18.6

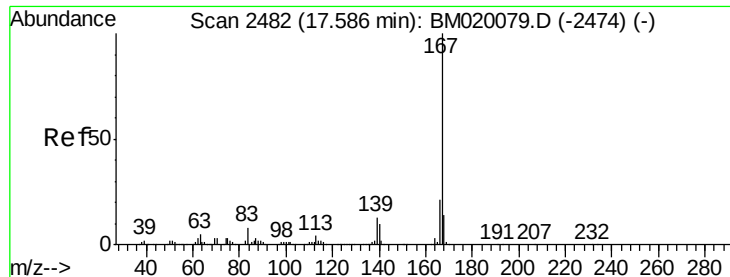


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.162 ng

RT: 17.59 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

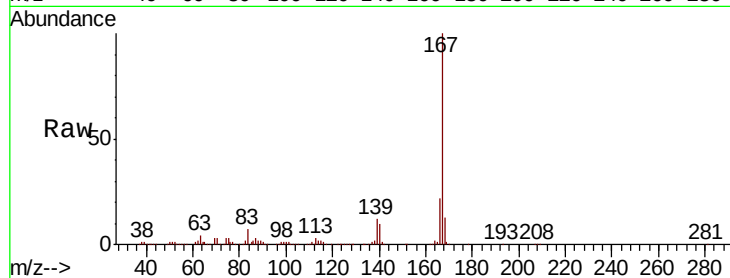
Tgt Ion:167 Resp: 1161952

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

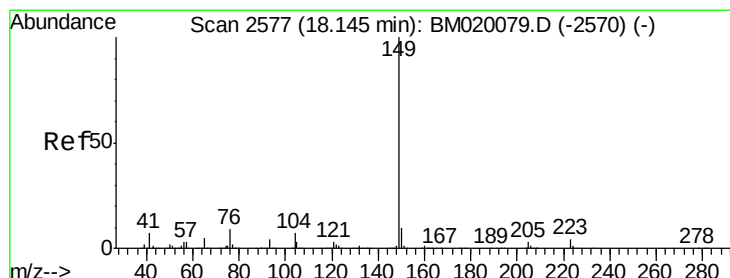
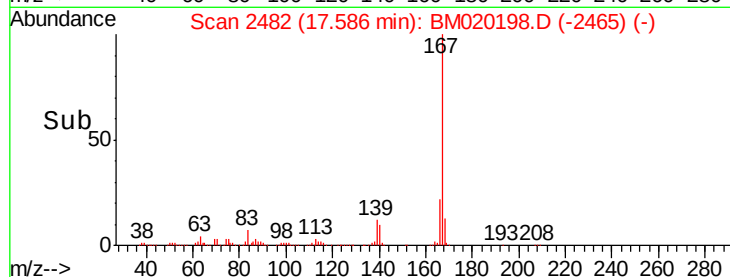
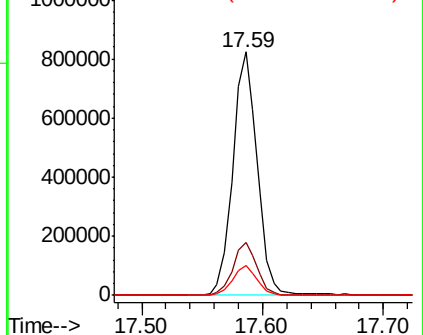
139 12.2 10.6 16.0



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



#74

Di-n-butylphthalate

Concen: 37.400 ng

RT: 18.14 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

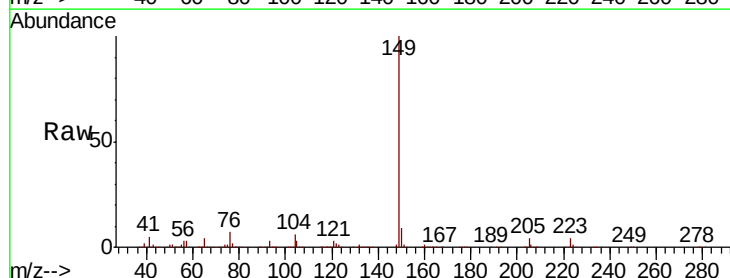
Tgt Ion:149 Resp: 1446198

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

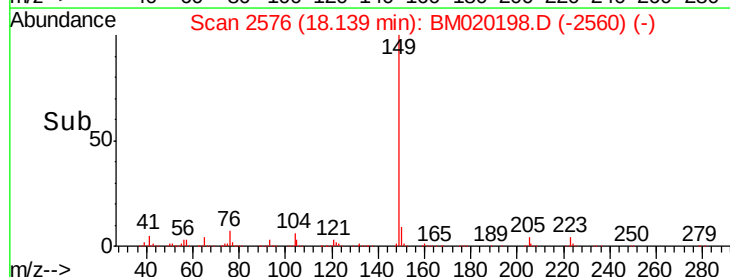
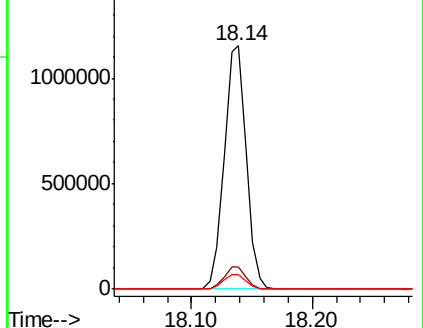
104 6.2 5.7 8.5

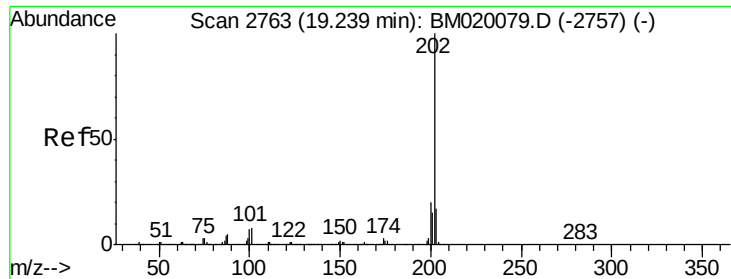


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.007 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

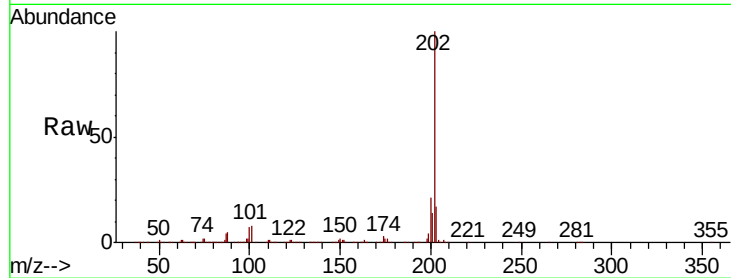
Tgt Ion:202 Resp: 1577542

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.4

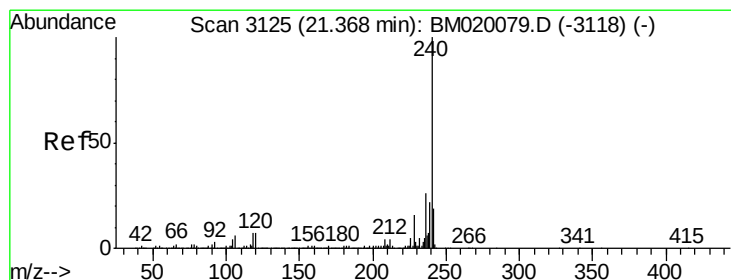
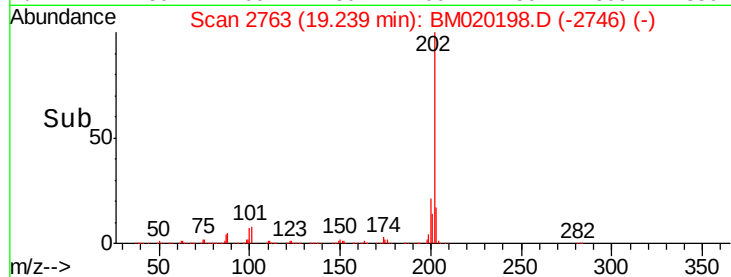
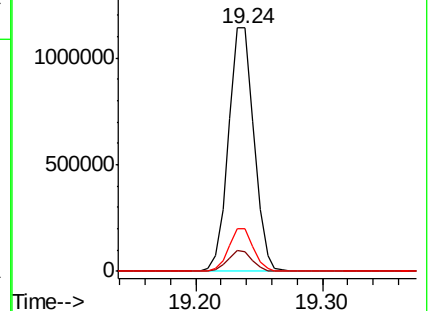
203 17.3 0.0 37.4



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# 3124

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

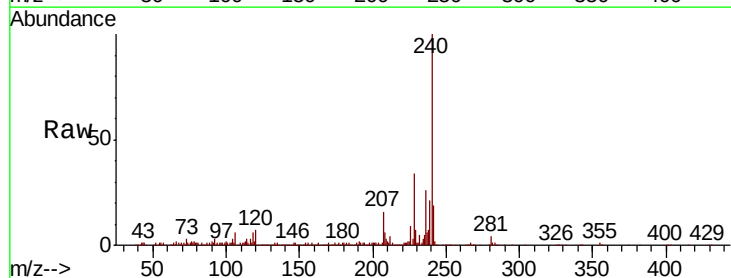
Tgt Ion:240 Resp: 551668

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

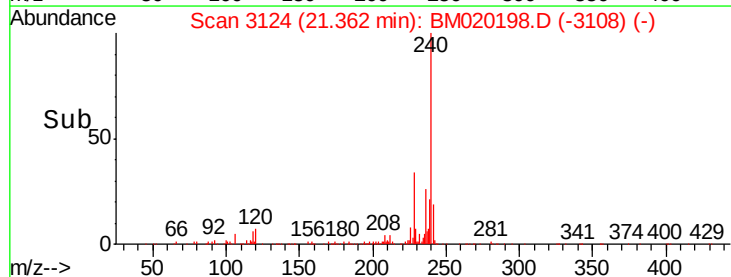
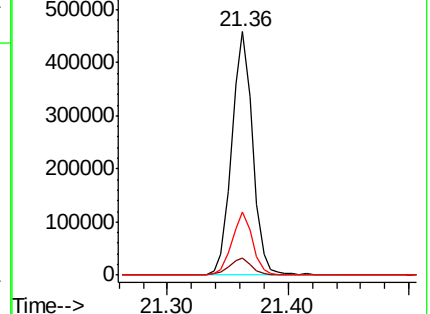
236 25.9 20.9 31.3

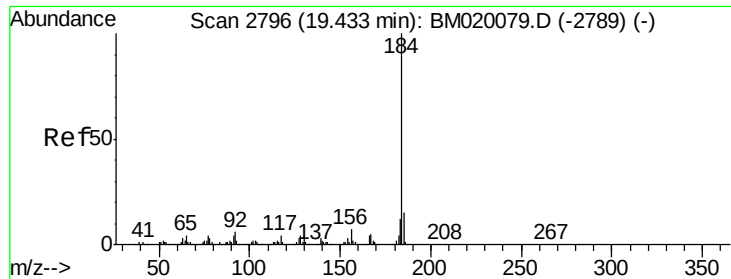


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.185 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

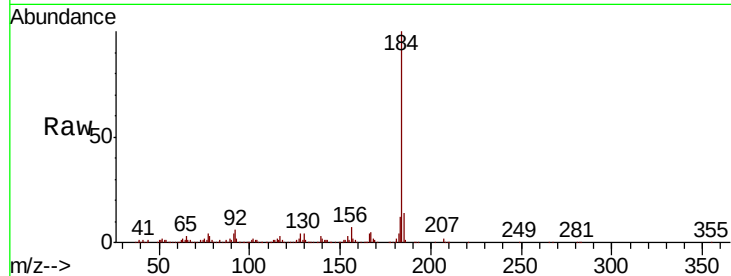
Tgt Ion:184 Resp: 849840

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

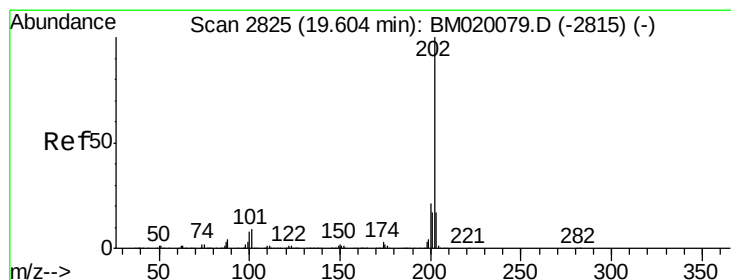
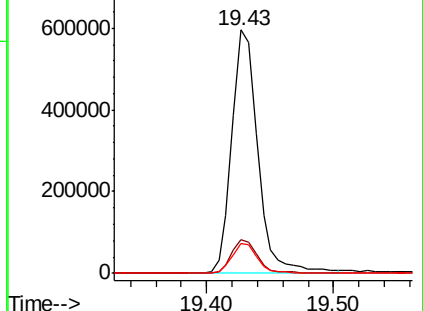
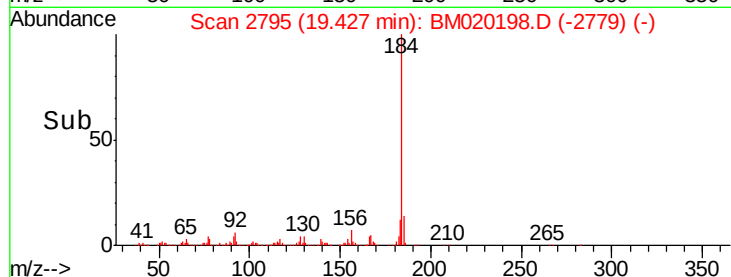
183 12.1 9.5 14.3



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: 42.904 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

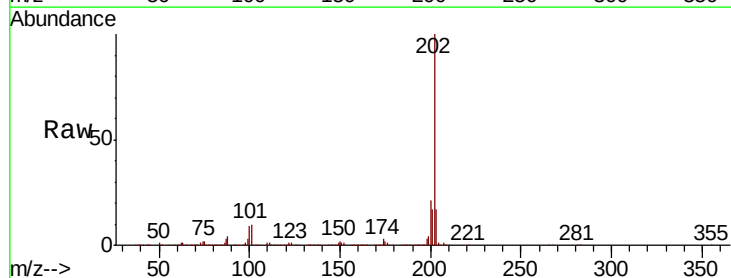
Tgt Ion:202 Resp: 1589083

Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

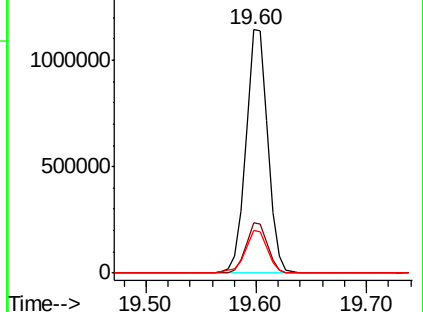
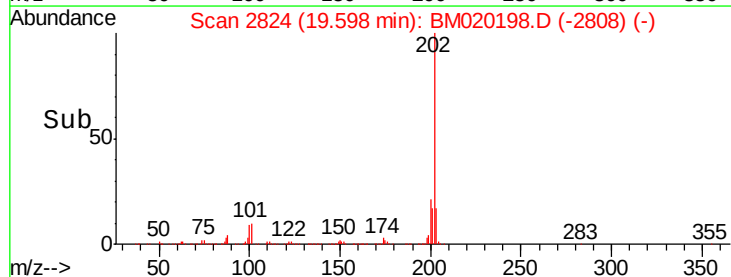
203 17.5 13.9 20.9

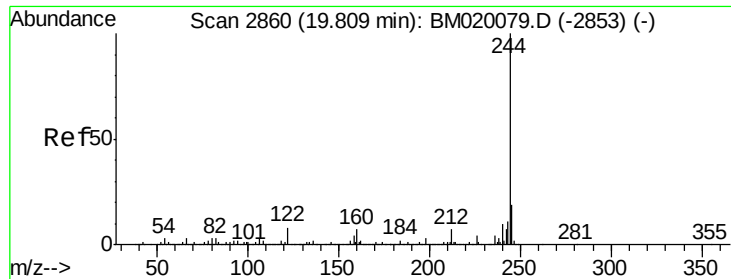


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.604 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

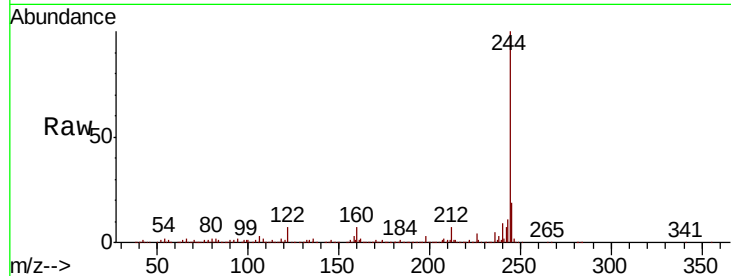
Tgt Ion:244 Resp: 2612621

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

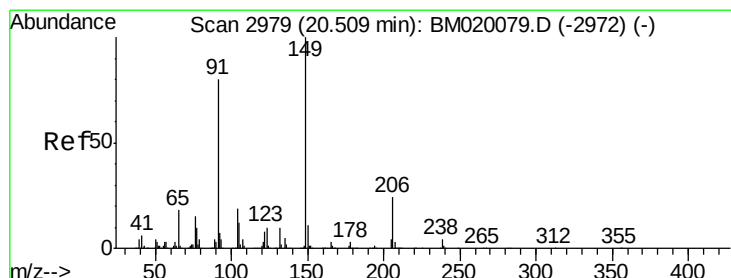
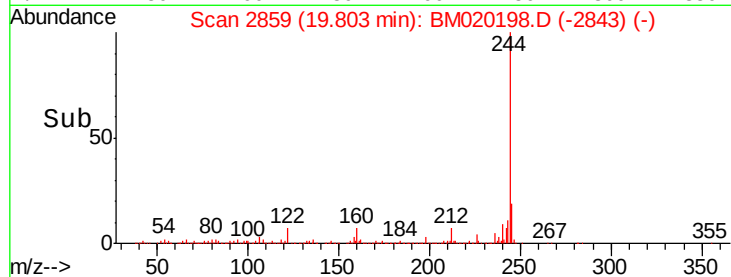
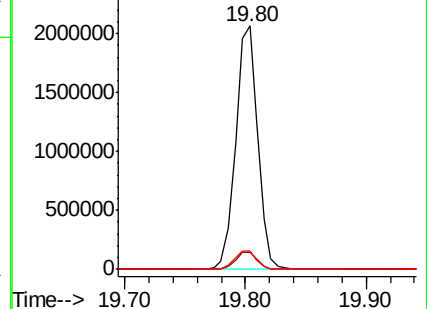
122 7.3 6.2 9.2



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: 44.526 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

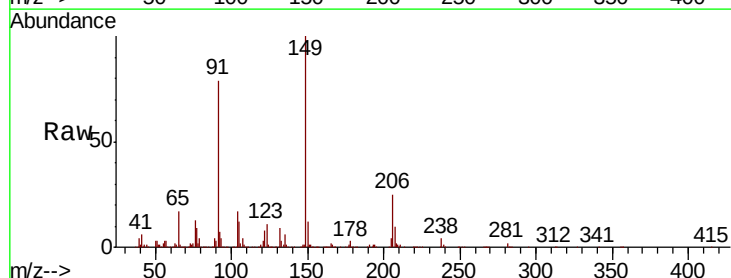
Tgt Ion:149 Resp: 599721

Ion Ratio Lower Upper

149 100

91 79.0 63.8 95.8

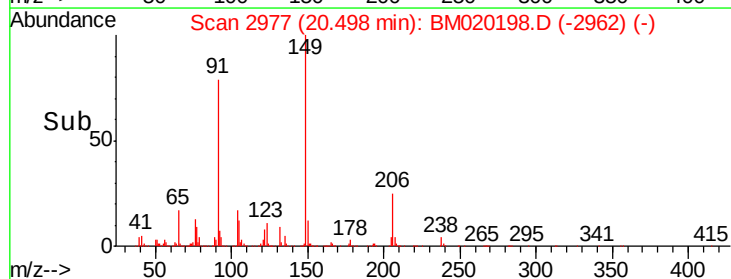
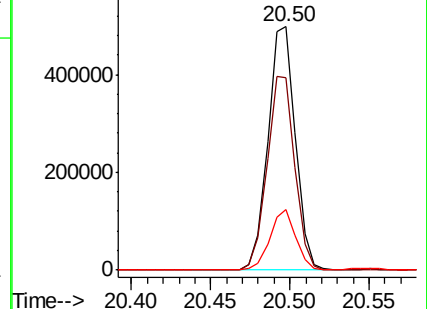
206 24.7 18.9 28.3

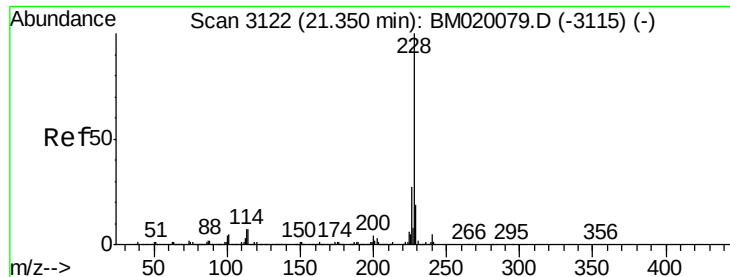


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.689 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

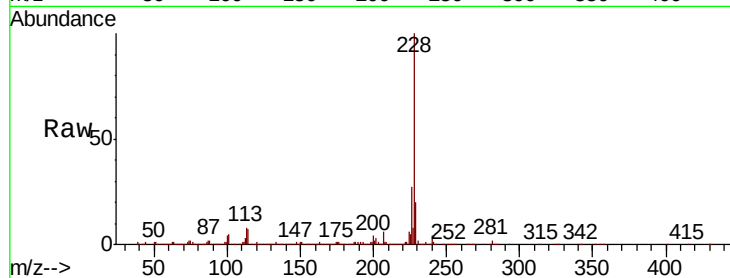
Tgt Ion:228 Resp: 1419423

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.6	15.5	23.3

228 100

226 26.6 21.3 31.9

229 19.6 15.5 23.3

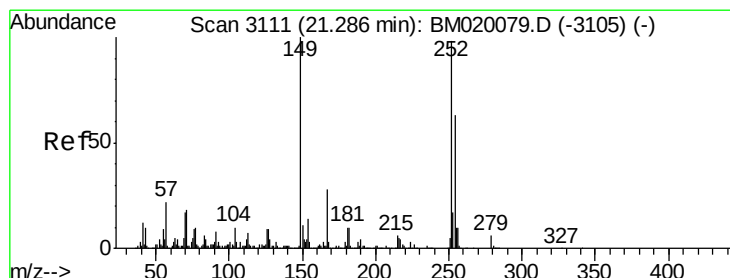
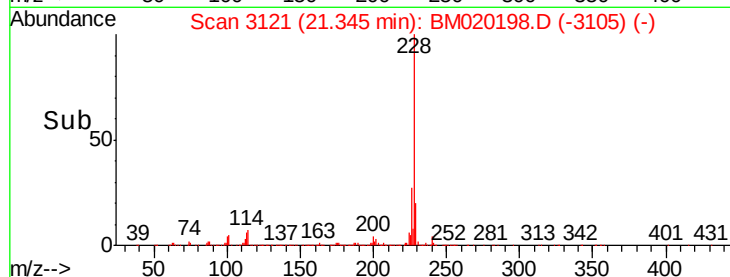
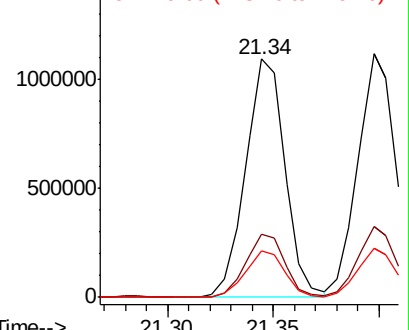


Abundance

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: 26.416 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

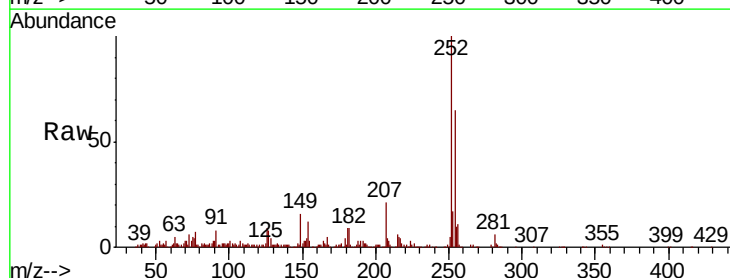
Tgt Ion:252 Resp: 390064

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.1	76.7
126	8.7	7.1	10.7

252 100

254 64.6 51.1 76.7

126 8.7 7.1 10.7

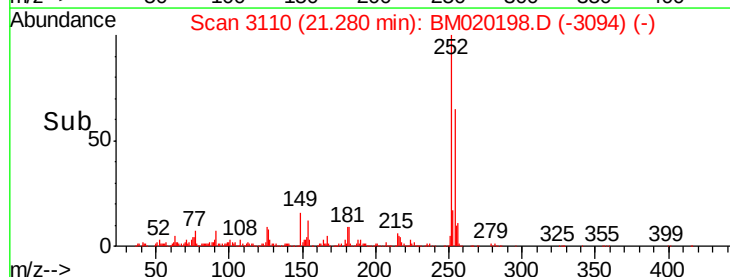
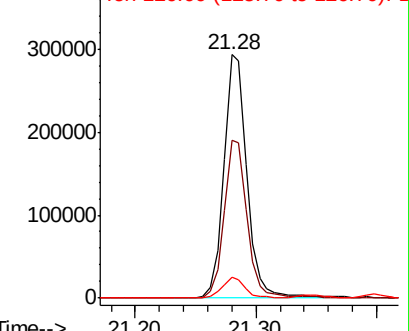


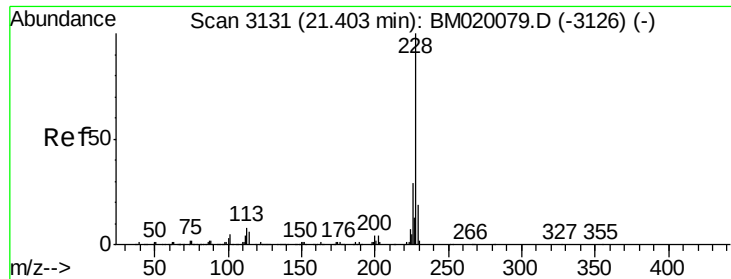
Abundance

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: 37.558 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampled :

PB119288BS

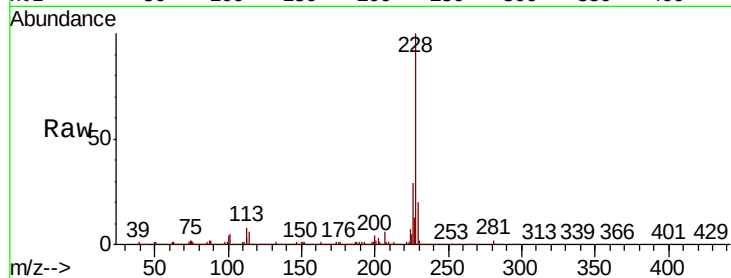
Tgt Ion:228 Resp: 1409201

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.6

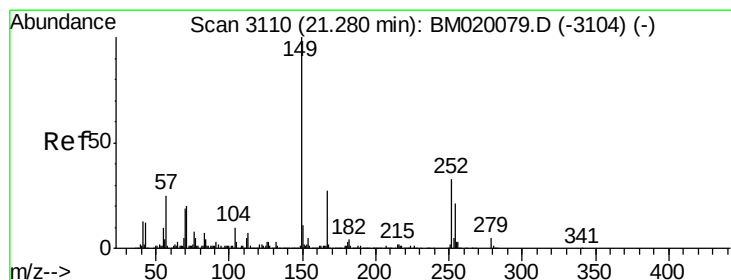
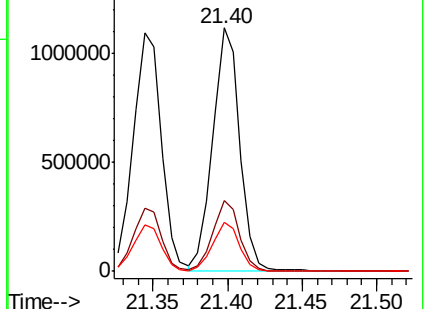
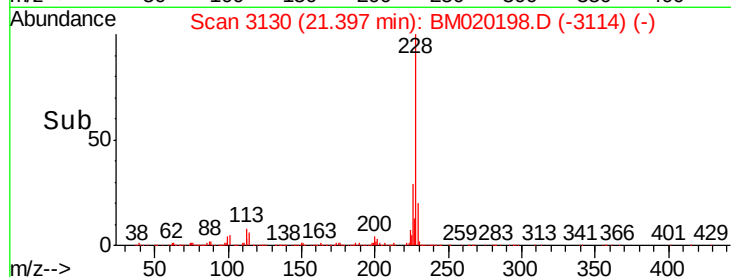
229 20.1 15.5 23.3



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: 40.754 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

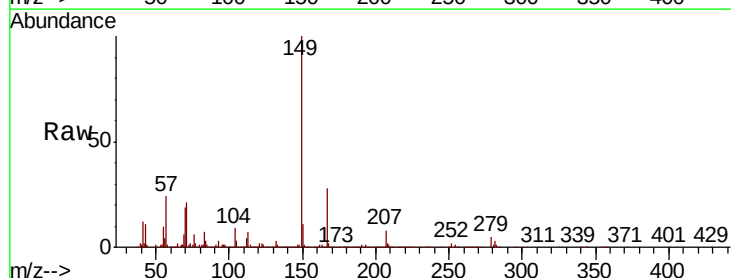
Tgt Ion:149 Resp: 851777

Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.8

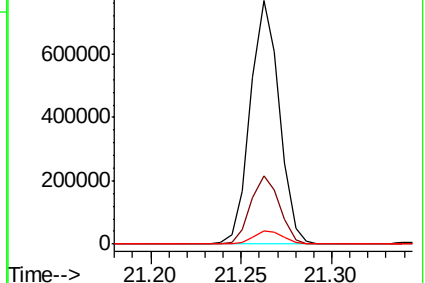
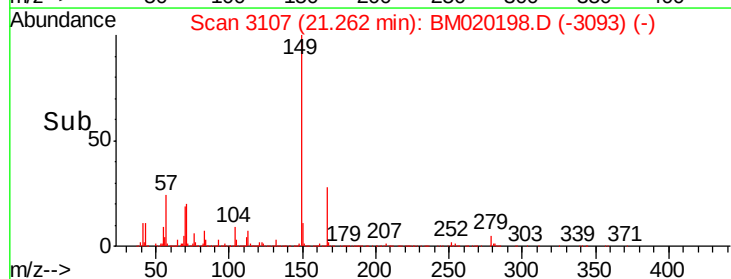
279 5.3 4.2 6.2

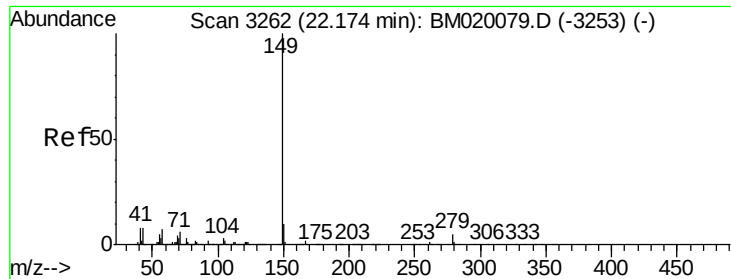


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.824 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

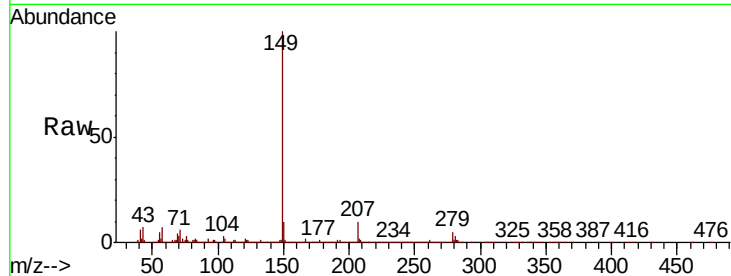
Tgt Ion:149 Resp: 1418133

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

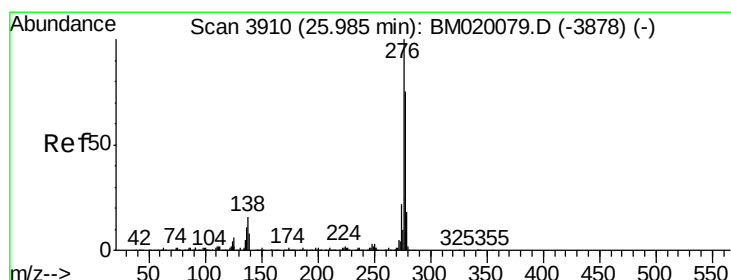
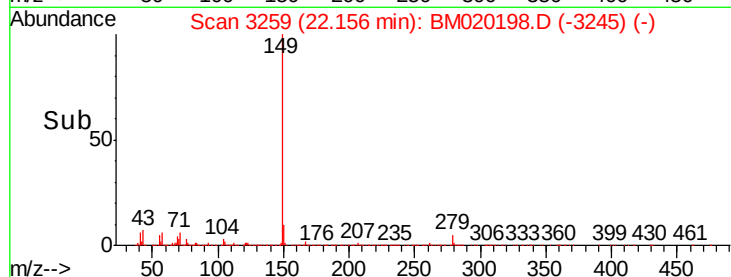
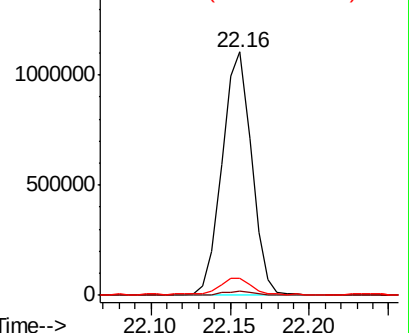
43 7.1 6.5 9.7



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: 41.945 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

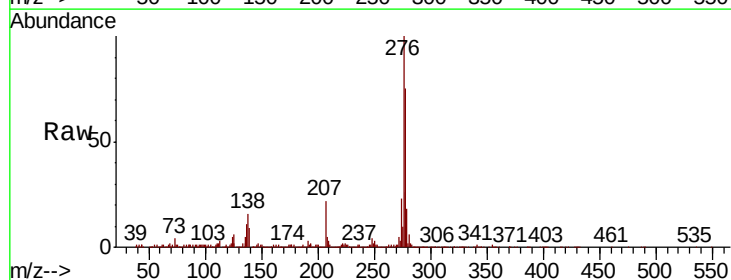
Tgt Ion:276 Resp: 1872018

Ion Ratio Lower Upper

276 100

138 16.4 0.0 0.0#

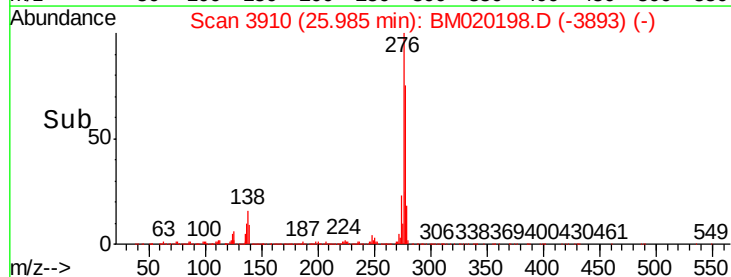
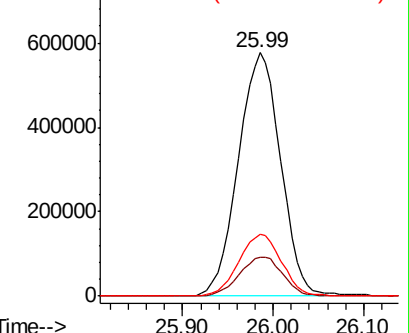
277 25.6 0.0 0.0#

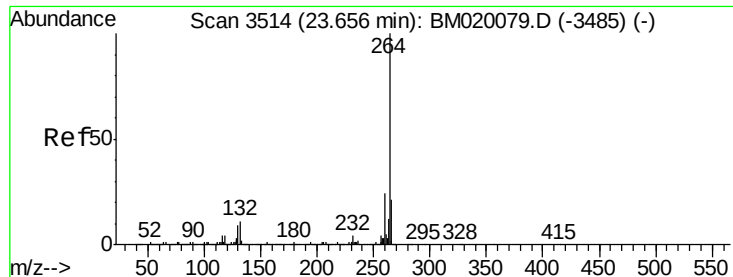


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

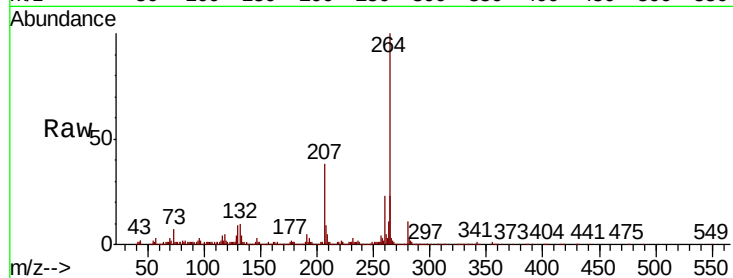
Tgt Ion:264 Resp: 608688

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

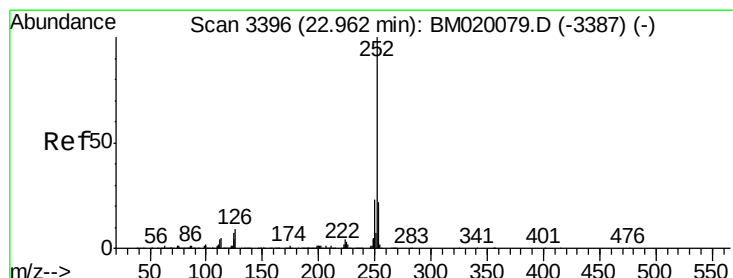
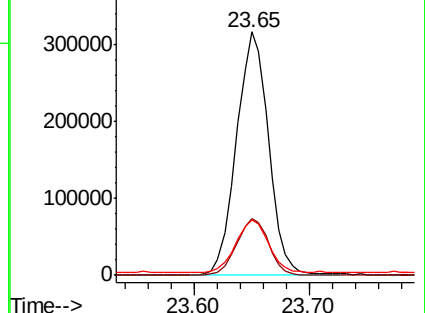
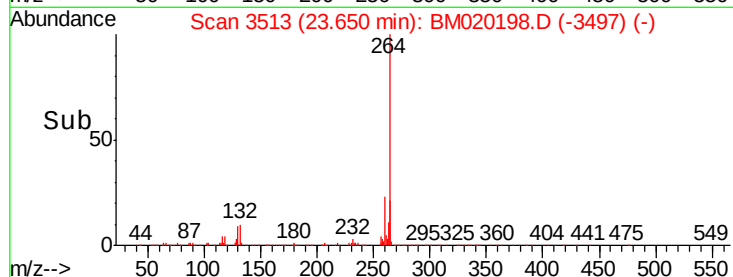
265 22.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.278 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

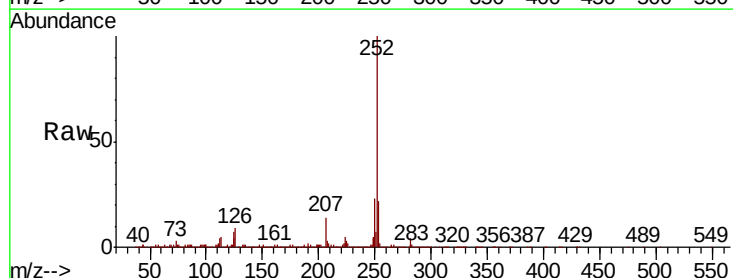
Tgt Ion:252 Resp: 1458167

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

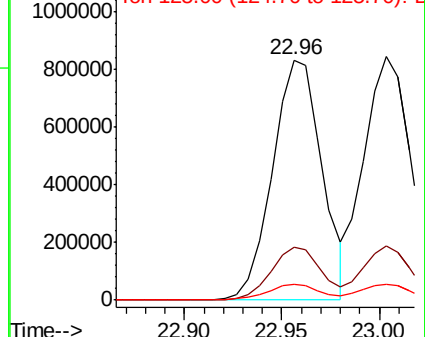
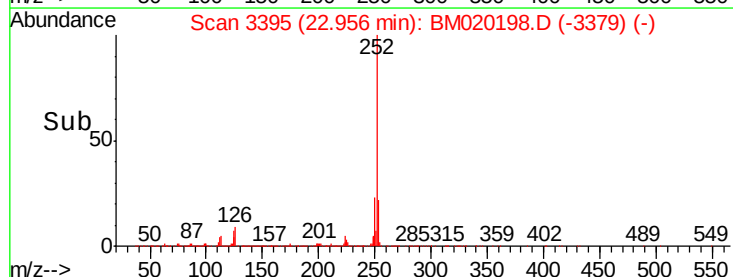
125 6.7 5.4 8.2

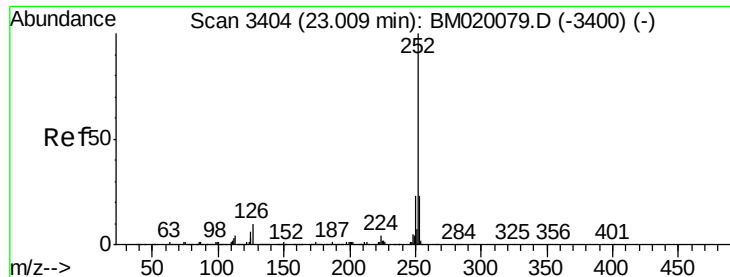


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.180 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

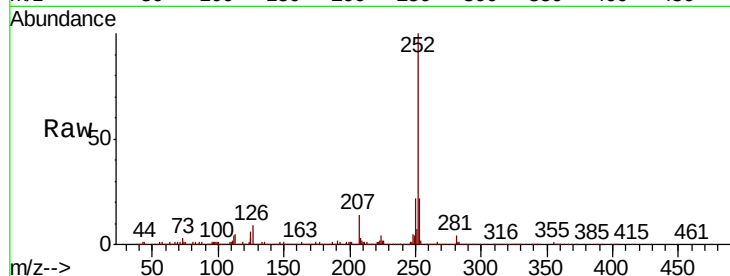
Tgt Ion:252 Resp: 1436543

Ion Ratio Lower Upper

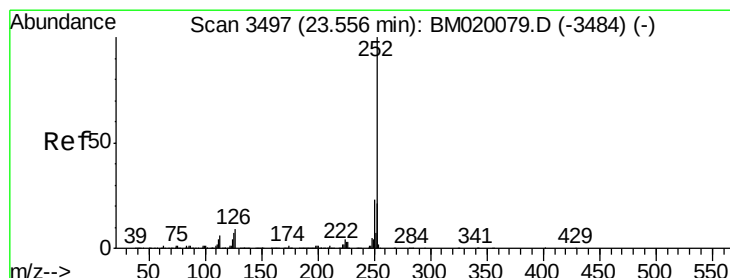
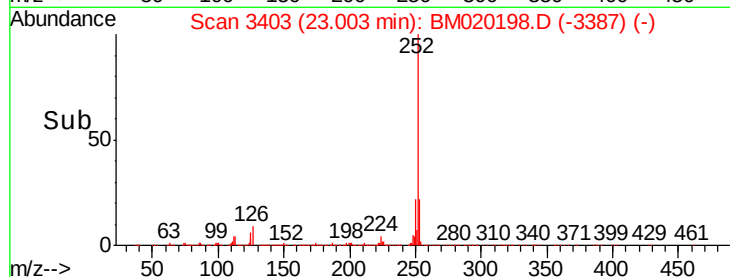
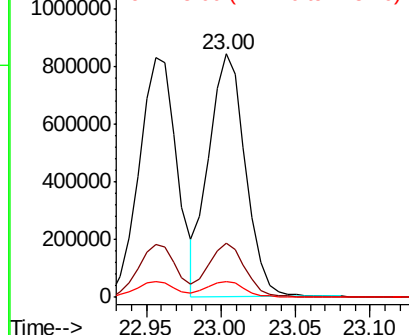
252 100

253 22.0 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: 39.669 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

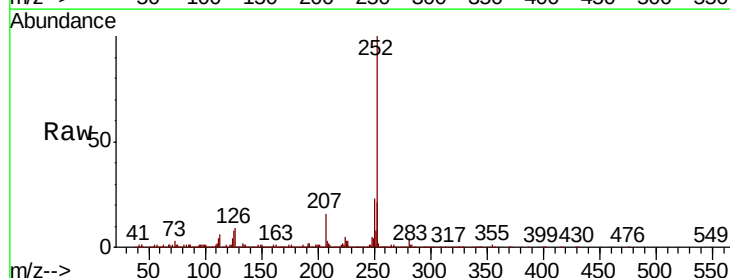
Tgt Ion:252 Resp: 1448309

Ion Ratio Lower Upper

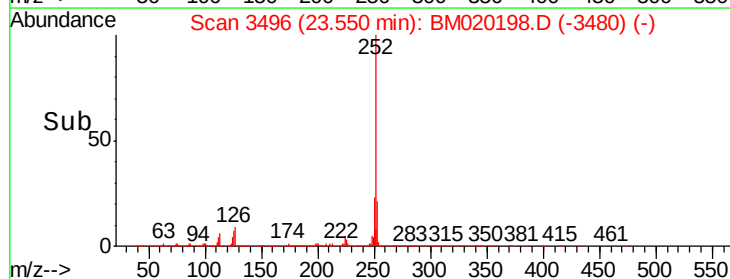
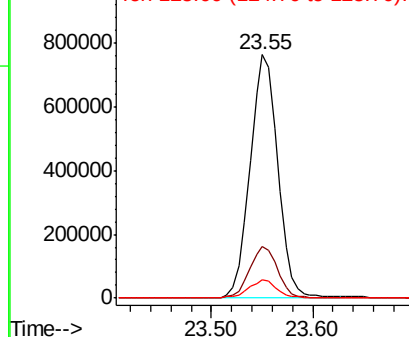
252 100

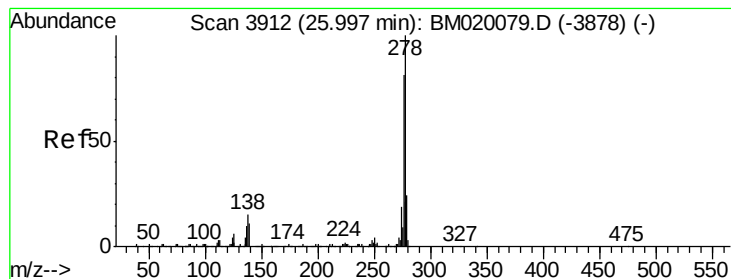
253 21.4 17.0 25.6

125 7.6 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: 42.292 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

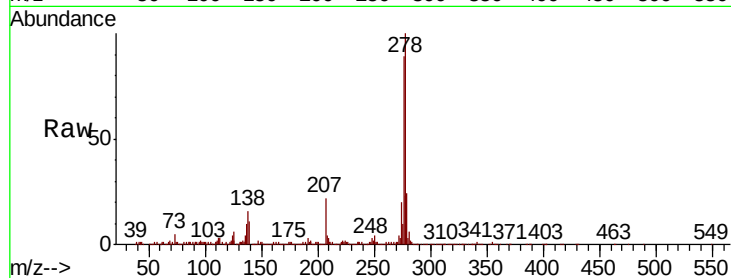
Tgt Ion:278 Resp: 1605760

Ion Ratio Lower Upper

278 100

139 10.8 8.6 13.0

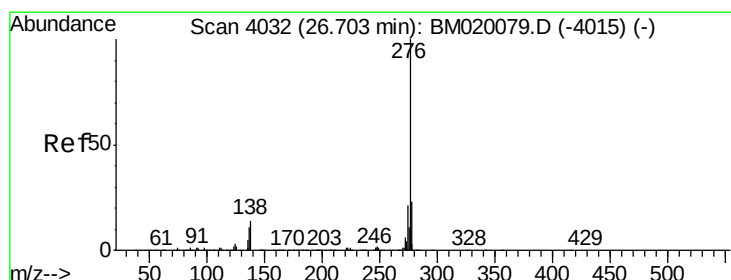
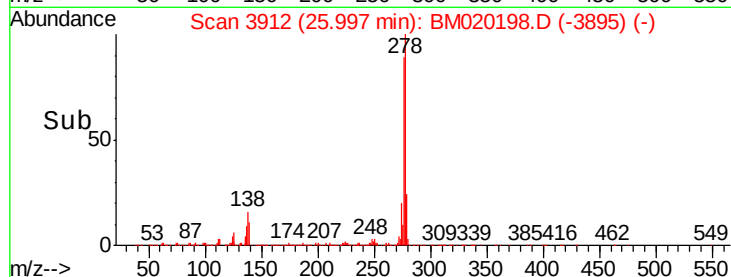
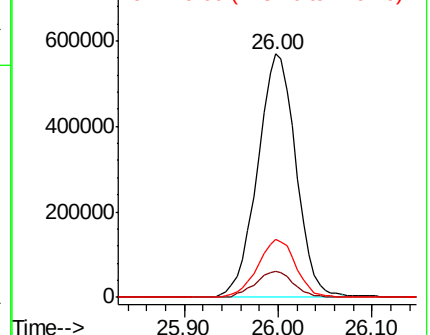
279 24.1 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.428 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

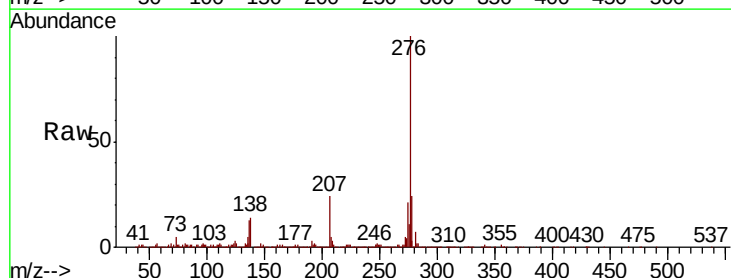
Tgt Ion:276 Resp: 1601502

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 13.9 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

