

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020520.D
 Acq On : 23 May 2019 17:44
 Operator : JU/SJ
 Sample : PB119565BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Quant Time: May 24 02:08:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	53675	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	188280	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	115677	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	286074	20.00	ng	0.00
76) Chrysene-d12	21.28	240	307511	20.00	ng	0.00
87) Perylene-d12	23.53	264	351888	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	397682	121.11	ng	0.00
7) Phenol-d6	6.85	99	515520	114.92	ng	0.00
23) Nitrobenzene-d5	8.84	82	287490	60.28	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	239375	133.32	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	589751	62.73	ng	0.00
79) Terphenyl-d14	19.72	244	1101845	62.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	73283	45.504	ng	# 83
3) Pyridine	3.58	79	150894	36.635	ng	88
4) n-Nitrosodimethylamine	3.50	42	35904	27.184	ng	# 51
6) Aniline	7.01	93	142246	25.190	ng	94
8) 2-Chlorophenol	7.23	128	129931	36.340	ng	94
9) Benzaldehyde	6.83	77	53890	15.872	ng	91
10) Phenol	6.87	94	173773	35.983	ng	85
11) bis(2-Chloroethyl)ether	7.10	93	121253	34.545	ng	94
12) 1,3-Dichlorobenzene	7.56	146	148516	35.701	ng	# 93
13) 1,4-Dichlorobenzene	7.70	146	150311	35.768	ng	97
14) 1,2-Dichlorobenzene	8.02	146	141719	35.397	ng	96
15) Benzyl Alcohol	7.92	79	123126	28.464	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	79462	27.302	ng	91
17) 2-Methylphenol	8.12	107	105134	33.818	ng	95
18) Hexachloroethane	8.73	117	56578	32.289	ng	# 87
19) n-Nitroso-di-n-propylamine	8.48	70	108539	28.280	ng	94
20) 3+4-Methylphenols	8.45	107	139710	33.814	ng	96
22) Acetophenone	8.50	105	189415	36.810	ng	# 95
24) Nitrobenzene	8.88	77	167536	33.882	ng	95
25) Isophorone	9.40	82	281816	34.267	ng	98
26) 2-Nitrophenol	9.59	139	61362	41.106	ng	91
27) 2,4-Dimethylphenol	9.65	122	105081	42.282	ng	93
28) bis(2-Chloroethoxy)methane	9.89	93	151836	33.899	ng	98
29) 2,4-Dichlorophenol	10.12	162	122868	39.207	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	150325	38.984	ng	98
31) Naphthalene	10.51	128	352226	36.050	ng	99
32) Benzoic acid	9.79	122	53892	32.890	ng	90
33) 4-Chloroaniline	10.64	127	77046	19.159	ng	96
34) Hexachlorobutadiene	10.77	225	105770	38.775	ng	96
35) Caprolactam	11.45	113	29300	31.268	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	122387	33.233	ng	92
37) 2-Methylnaphthalene	12.13	142	254918	35.788	ng	97
38) 1-Methylnaphthalene	12.35	142	243068	34.897	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	183860	40.625	ng	# 96

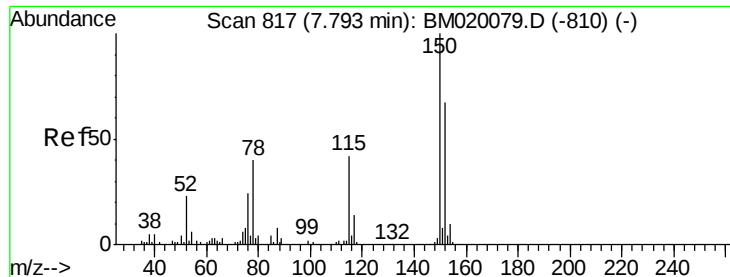
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020520.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	172161	64.606	ng	97
43) 2,4,6-Trichlorophenol	12.75	196	108718	42.268	ng	97
44) 2,4,5-Trichlorophenol	12.83	196	117294	40.821	ng	96
46) 1,1'-Biphenyl	13.16	154	339079	35.613	ng	97
47) 2-Chloronaphthalene	13.20	162	277697	36.529	ng	97
48) 2-Nitroaniline	13.43	65	73716	27.237	ng	88
49) Acenaphthylene	14.05	152	415249	34.131	ng	99
50) Dimethylphthalate	13.79	163	341103	34.694	ng	99
51) 2,6-Dinitrotoluene	13.93	165	72976	35.241	ng	90
52) Acenaphthene	14.39	154	242206	34.716	ng	98
53) 3-Nitroaniline	14.26	138	38252	19.903	ng	97
54) 2,4-Dinitrophenol	14.48	184	80520	77.880	ng	# 85
55) Dibenzofuran	14.73	168	427571	36.333	ng	96
56) 4-Nitrophenol	14.57	139	103137	62.897	ng	95
57) 2,4-Dinitrotoluene	14.72	165	101765	36.167	ng	97
58) Fluorene	15.38	166	336785	34.846	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	115292	42.223	ng	# 91
60) Diethylphthalate	15.16	149	326846	32.997	ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	209849	38.320	ng	93
62) 4-Nitroaniline	15.43	138	48329	22.786	ng	92
63) Azobenzene	15.67	77	356308	30.492	ng	97
65) 4,6-Dinitro-2-methylphenol	15.49	198	53654	38.787	ng	91
66) n-Nitrosodiphenylamine	15.60	169	296169	35.183	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	133524	38.063	ng	# 91
68) Hexachlorobenzene	16.38	284	157235	38.950	ng	# 93
69) Atrazine	16.55	200	109190	33.192	ng	98
70) Pentachlorophenol	16.73	266	178633	77.340	ng	98
71) Phenanthrene	17.13	178	558649	35.377	ng	100
72) Anthracene	17.22	178	558407	35.367	ng	99
73) Carbazole	17.50	167	470379	33.018	ng	99
74) Di-n-butylphthalate	18.04	149	524756	30.607	ng	98
75) Fluoranthene	19.15	202	717169	35.894	ng	99
77) Benzidine	19.35	184	214975	21.866	ng	98
78) Pyrene	19.52	202	730302	35.373	ng	99
80) Butylbenzylphthalate	20.41	149	234083	31.178	ng	99
81) Benzo(a)anthracene	21.26	228	729523	33.828	ng	98
82) 3,3'-Dichlorobenzidine	21.20	252	199301	24.214	ng	# 97
83) Chrysene	21.31	228	729719	34.890	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	353096	30.308	ng	98
85) Di-n-octyl phthalate	22.06	149	628992	32.483	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.81	276	995058	39.998	ng	# 100
88) Benzo(b)fluoranthene	22.89	252	766466	32.985	ng	99
89) Benzo(k)fluoranthene	22.89	252	793006	37.412	ng	99
90) Benzo(a)pyrene	23.43	252	780109	36.960	ng	98
91) Dibenzo(a,h)anthracene	25.81	278	844766	38.486	ng	97
92) Benzo(g,h,i)perylene	26.50	276	838096	40.217	ng	97

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

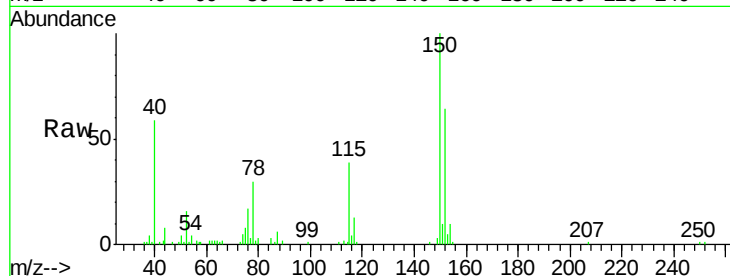


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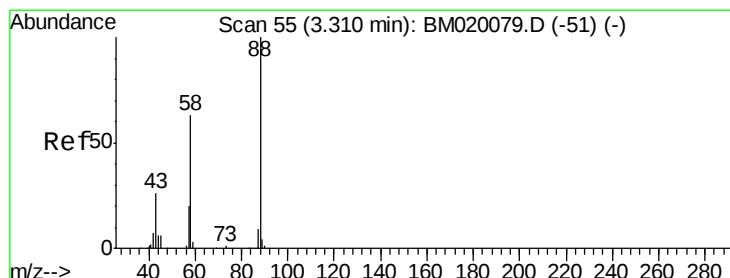
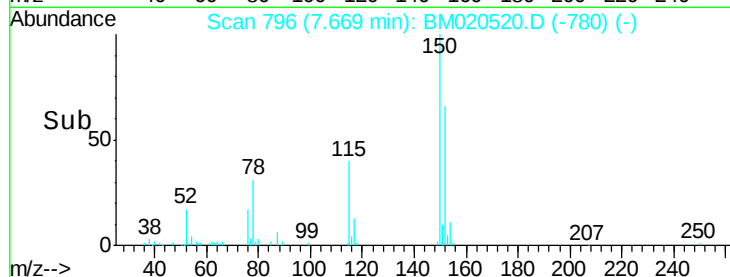
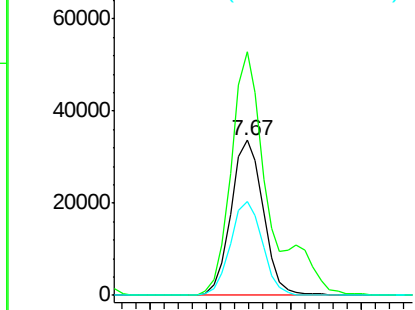
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion:152 Resp: 53675
Ion Ratio Lower Upper
152 100
150 157.0 119.8 179.8
115 60.9 50.8 76.2



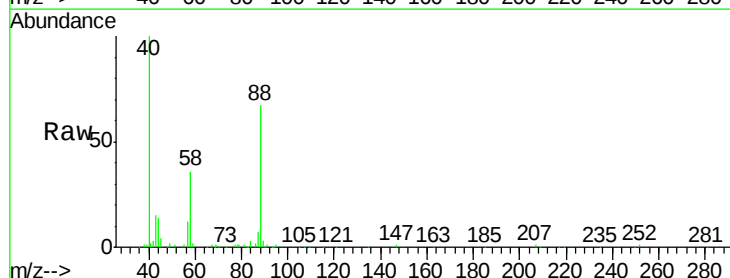
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



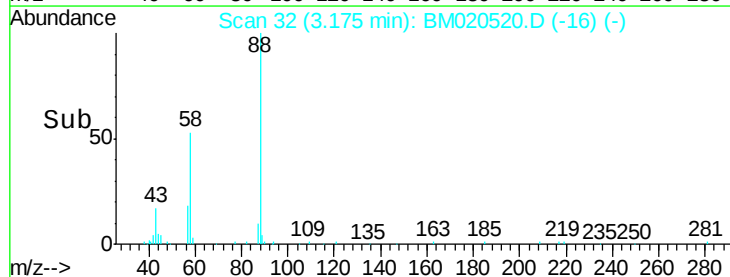
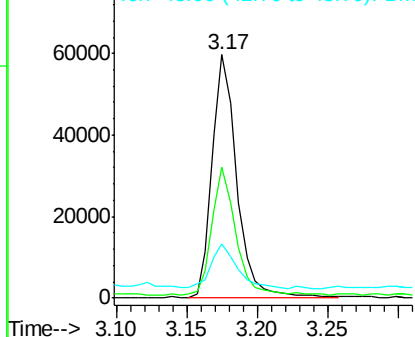
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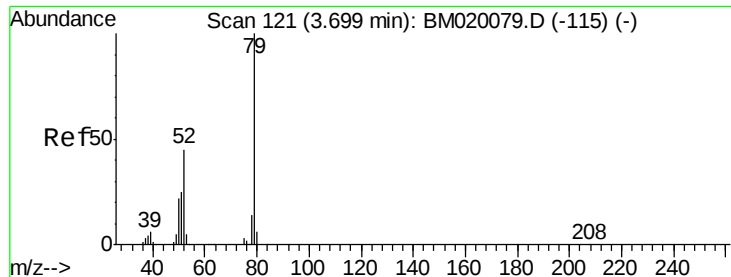
1,4-Dioxane
Concen: 45.504 ng
RT: 3.17 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion: 88 Resp: 73283
Ion Ratio Lower Upper
88 100
58 50.8 51.8 77.6#
43 18.5 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: 36.635 ng

RT: 3.58 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

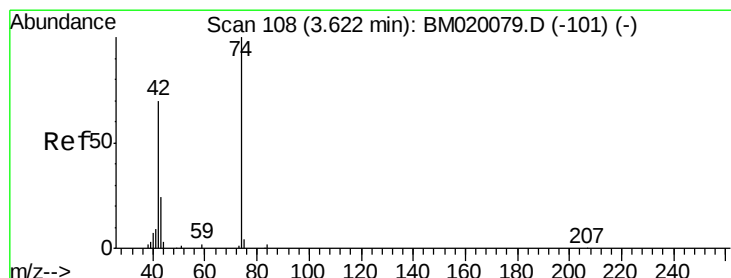
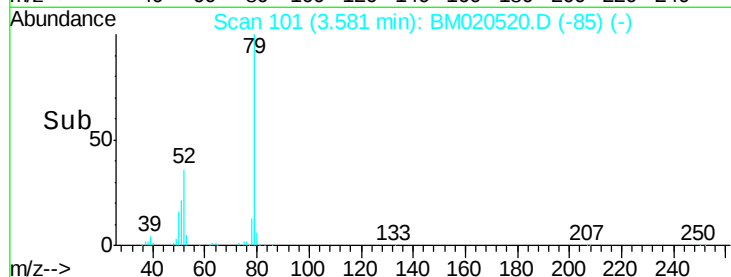
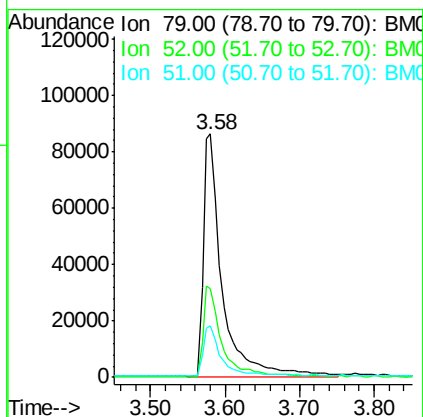
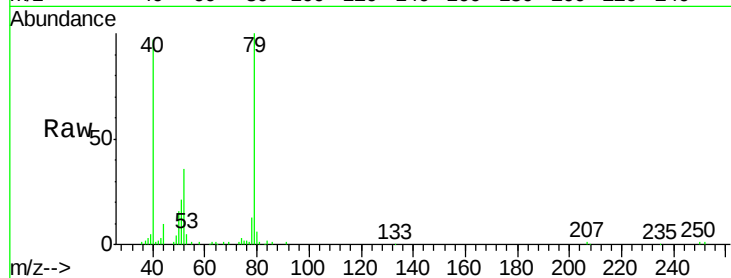
Tgt Ion: 79 Resp: 150894

Ion Ratio Lower Upper

79 100

52 36.3 35.7 53.5

51 21.1 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 27.184 ng

RT: 3.50 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

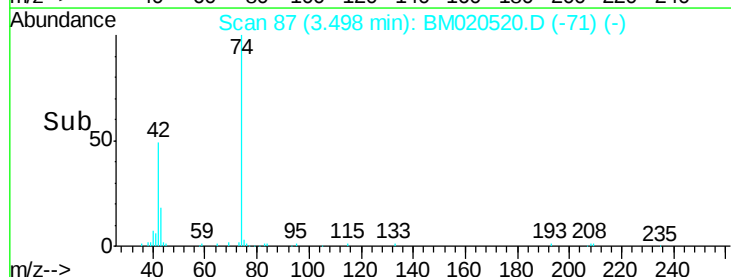
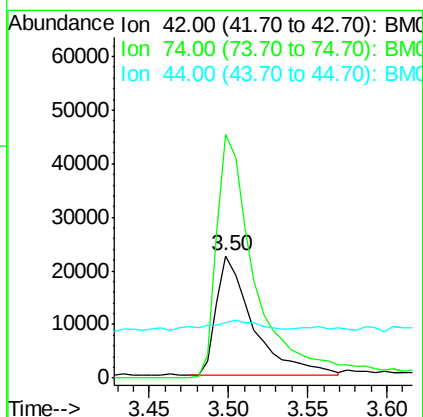
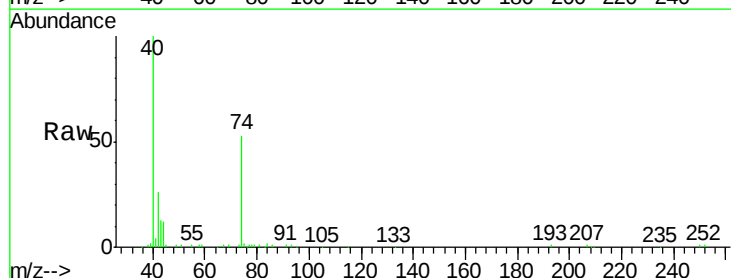
Tgt Ion: 42 Resp: 35904

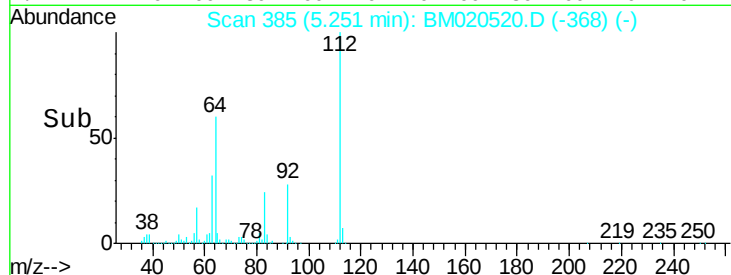
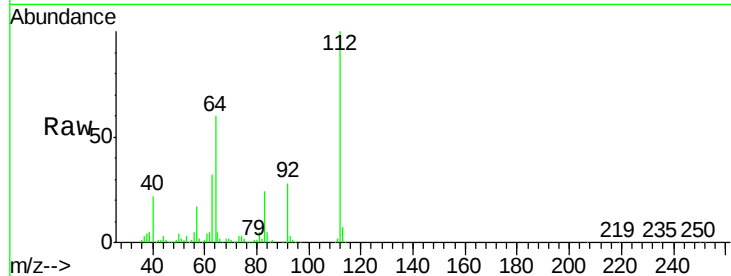
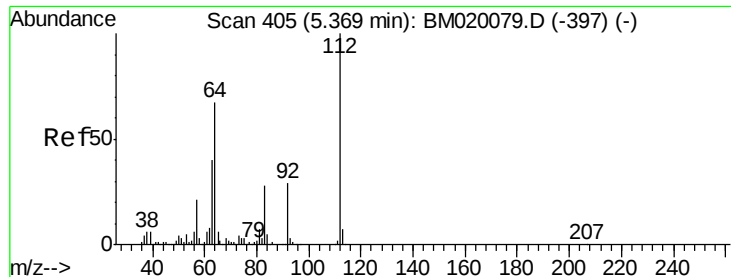
Ion Ratio Lower Upper

42 100

74 198.9 113.7 170.5#

44 45.6 3.9 5.9#





#5

2-Fluorophenol

Concen: 121.108 ng

RT: 5.25 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tgt Ion: 112 Resp: 397682

Ion Ratio Lower Upper

112 100

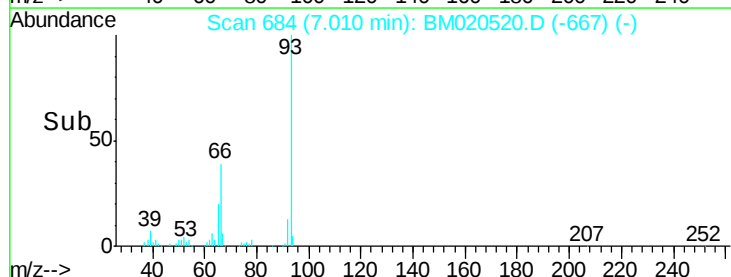
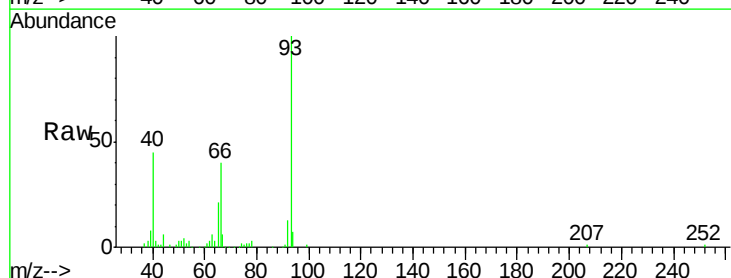
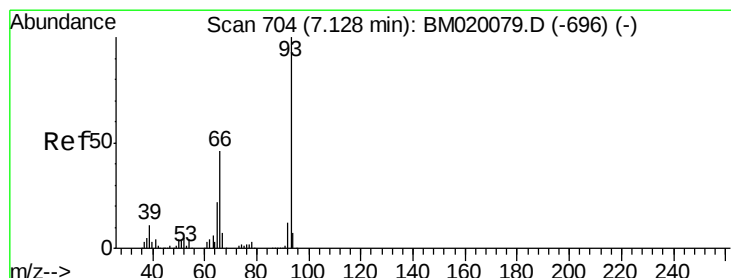
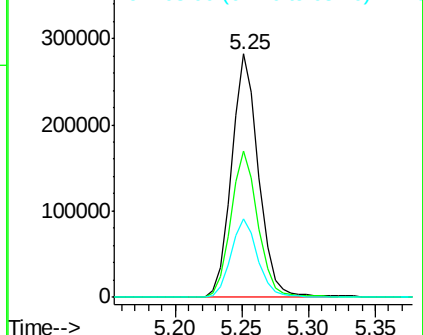
64 60.0 53.8 80.6

63 32.4 32.3 48.5

Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 25.190 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion: 93 Resp: 142246

Ion Ratio Lower Upper

93 100

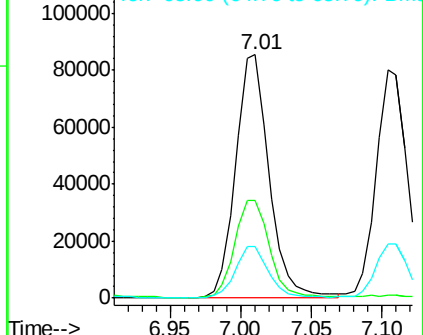
66 40.1 36.6 54.8

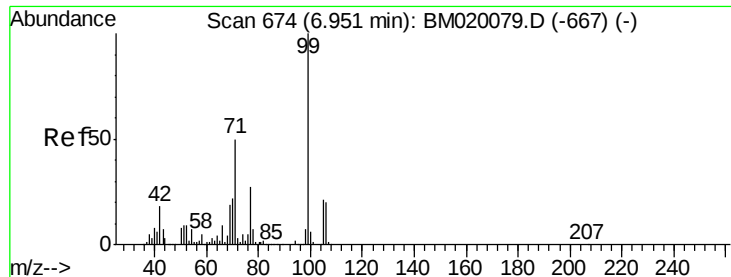
65 21.1 17.8 26.6

Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 114.918 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

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ClientSampleId :

PB119565BS

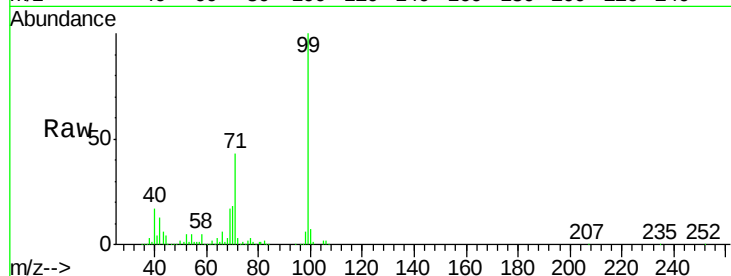
Tgt Ion: 99 Resp: 51520

Ion Ratio Lower Upper

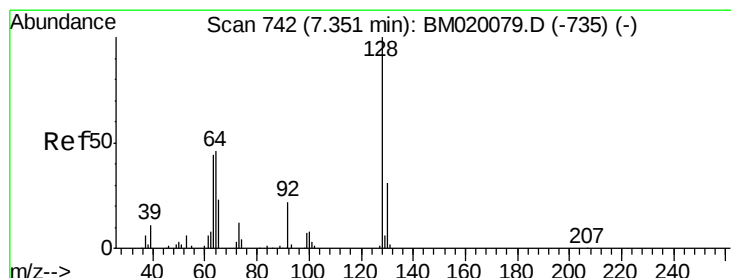
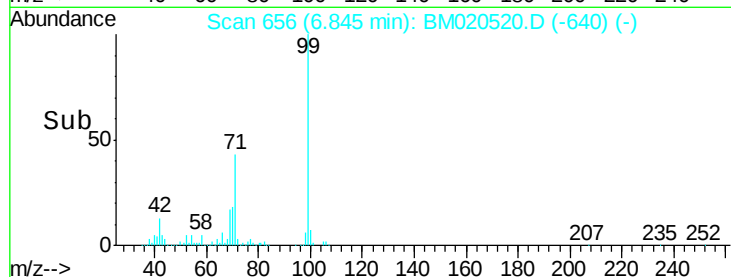
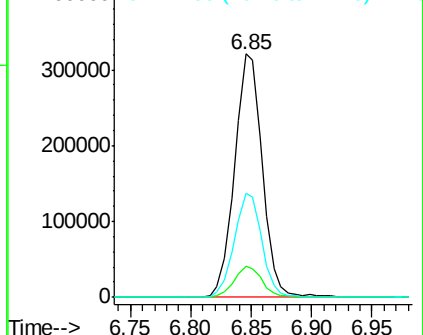
99 100

42 12.8 14.2 21.2#

71 42.9 40.3 60.5



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



#8

2-Chlorophenol

Concen: 36.340 ng

RT: 7.23 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

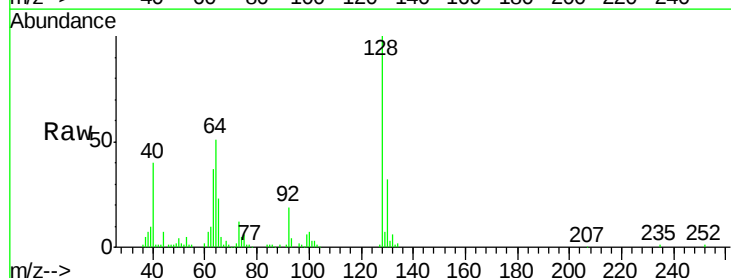
Tgt Ion: 128 Resp: 129931

Ion Ratio Lower Upper

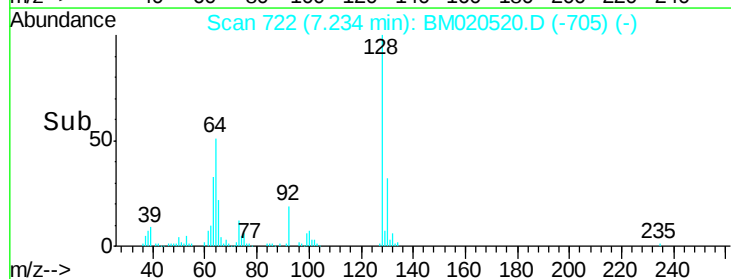
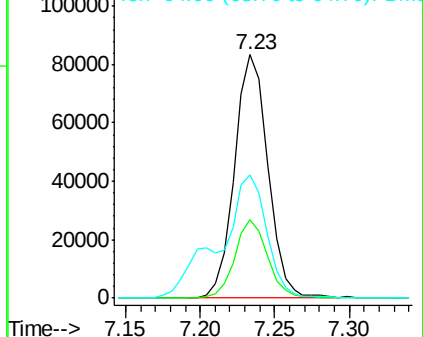
128 100

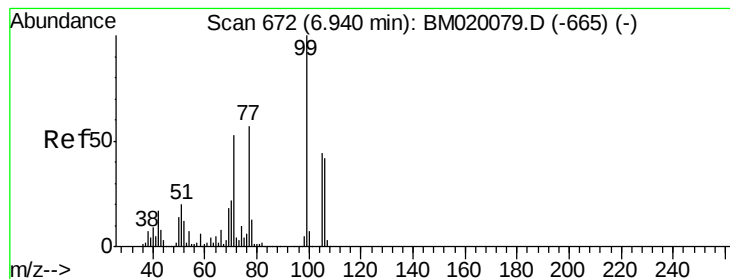
130 32.3 10.8 50.8

64 50.5 36.5 76.5



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





#9

Benzaldehyde

Concen: 15.872 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

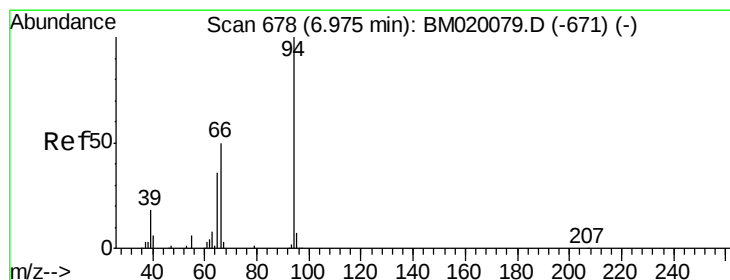
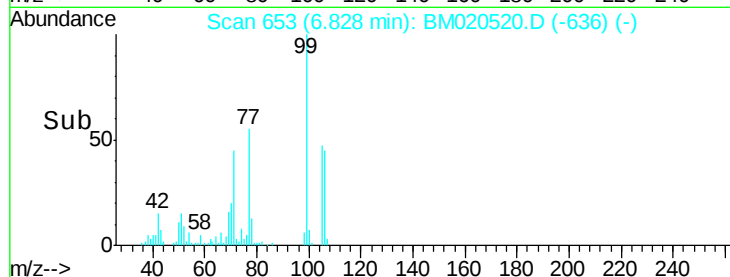
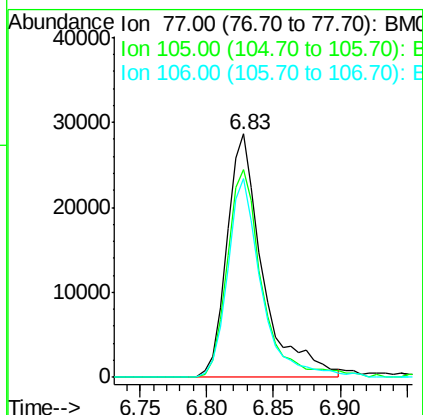
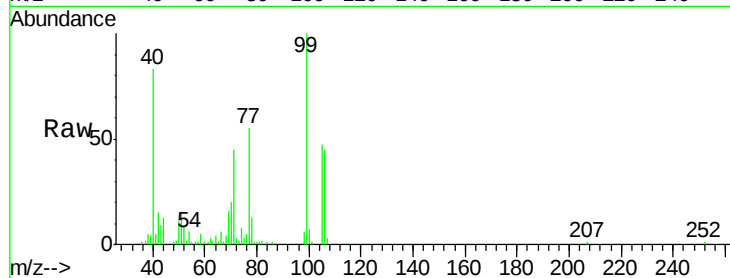
Tgt Ion: 77 Resp: 53890

Ion Ratio Lower Upper

77 100

105 85.2 57.8 97.8

106 81.5 53.6 93.6



#10

Phenol

Concen: 35.983 ng

RT: 6.87 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

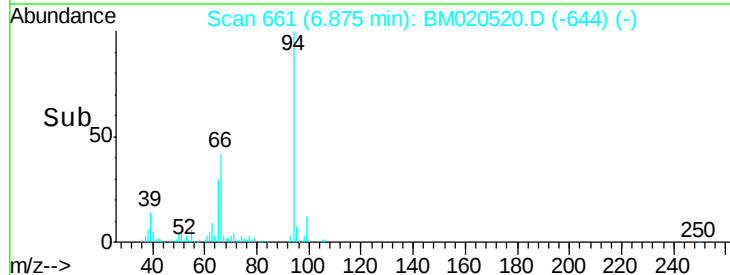
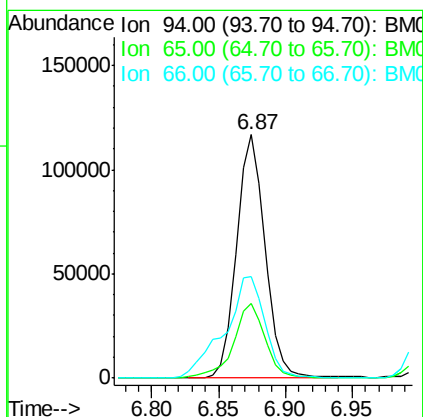
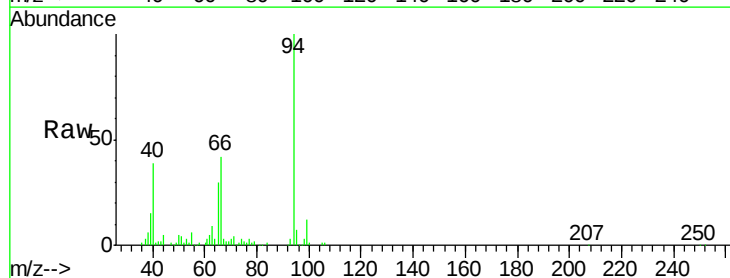
Tgt Ion: 94 Resp: 173773

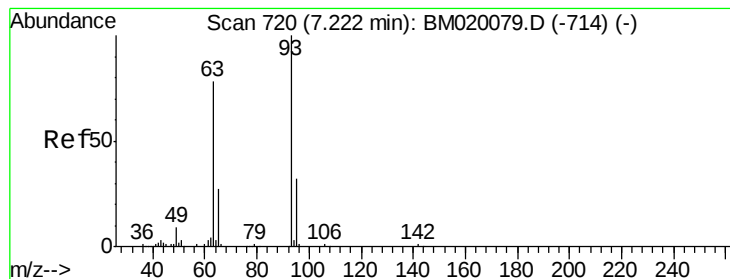
Ion Ratio Lower Upper

94 100

65 30.4 17.0 57.0

66 41.7 34.5 74.5





#11

bis(2-Chloroethyl)ether

Concen: 34.545 ng

RT: 7.10 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

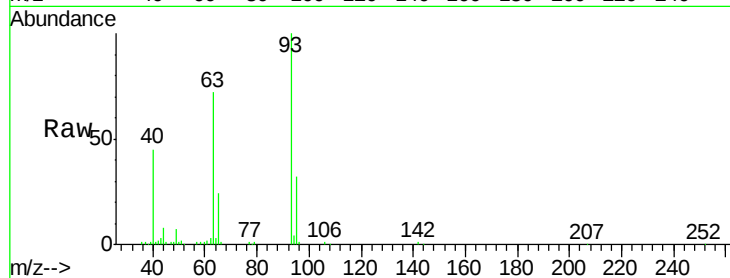
Tgt Ion: 93 Resp: 121253

Ion Ratio Lower Upper

93 100

63 71.5 57.9 97.9

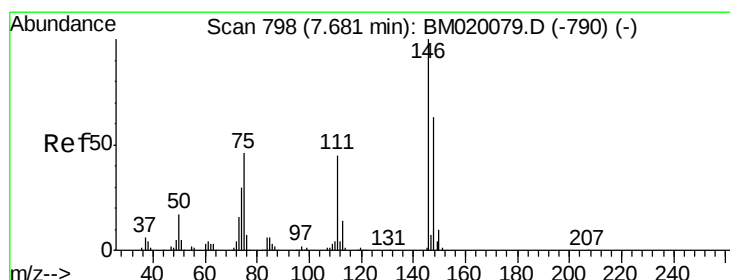
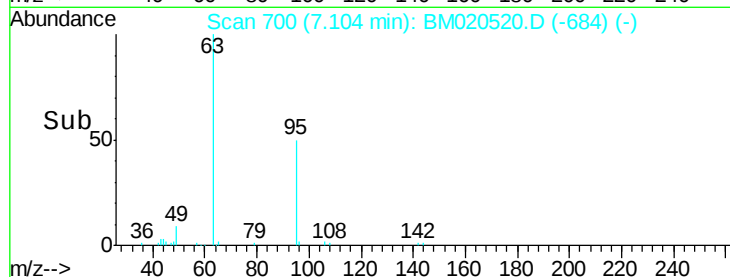
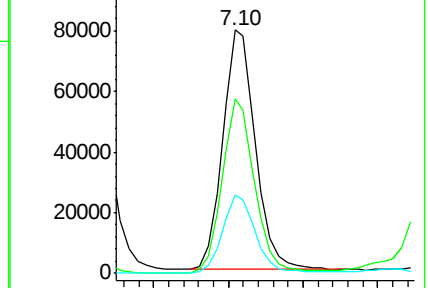
95 32.4 11.3 51.3



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: 35.701 ng

RT: 7.56 min Scan# 777

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

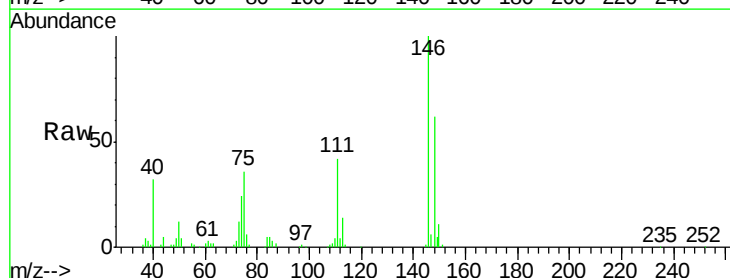
Tgt Ion: 146 Resp: 148516

Ion Ratio Lower Upper

146 100

148 62.2 50.1 75.1

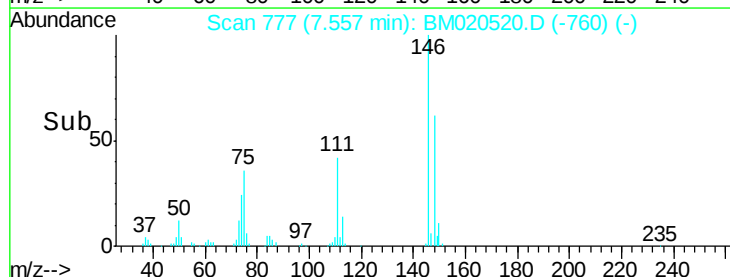
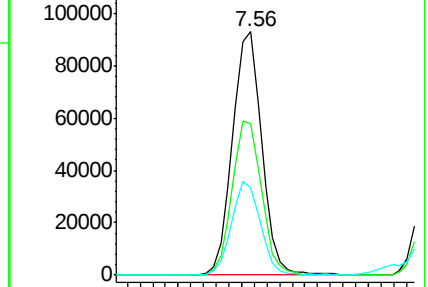
75 35.8 37.2 55.8#

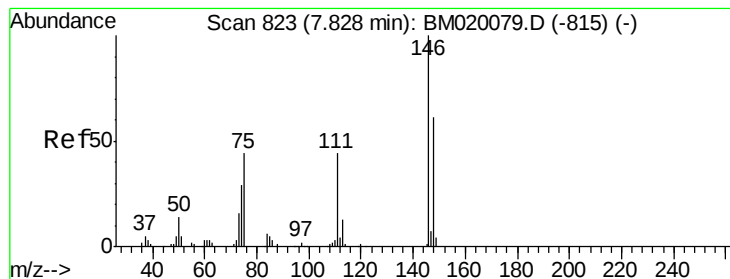


Abundance Ion 146.00 (145.70 to 146.70): BM020079.D (-790) (-)

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: 35.768 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

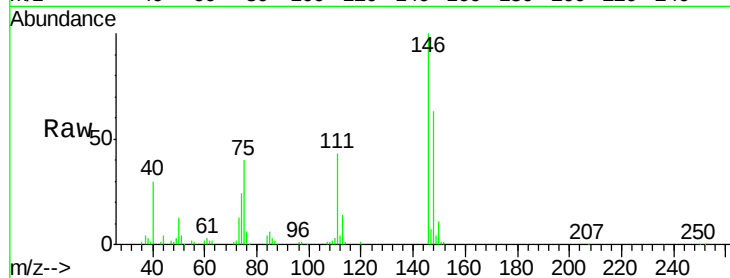
Tgt Ion:146 Resp: 150311

Ion Ratio Lower Upper

146 100

148 63.1 48.5 72.7

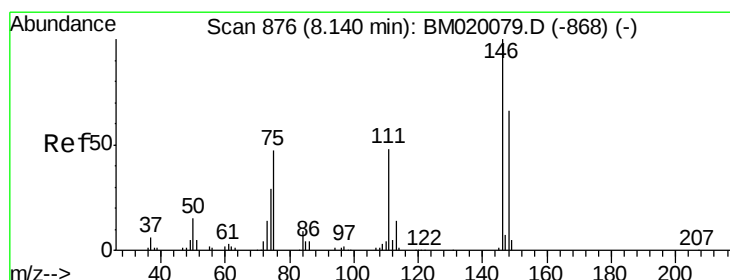
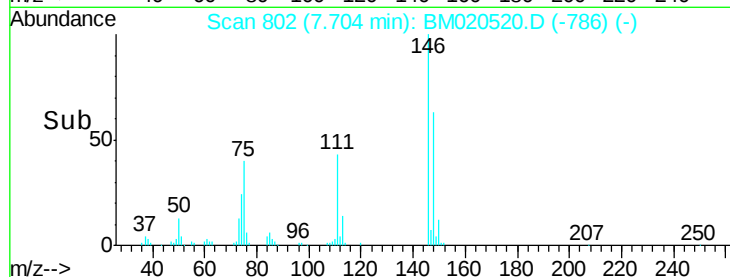
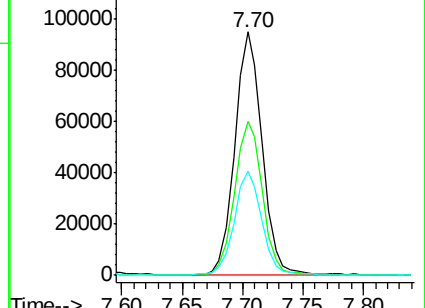
111 42.9 35.7 53.5



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: 35.397 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

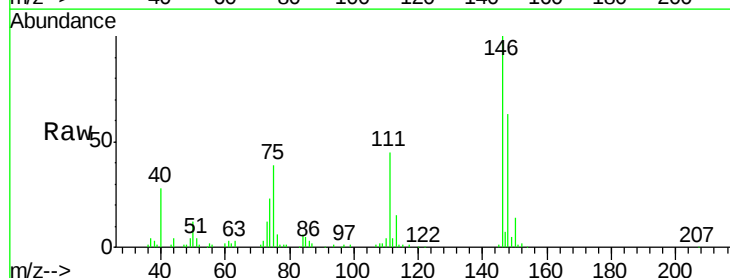
Tgt Ion:146 Resp: 141719

Ion Ratio Lower Upper

146 100

148 63.2 52.6 79.0

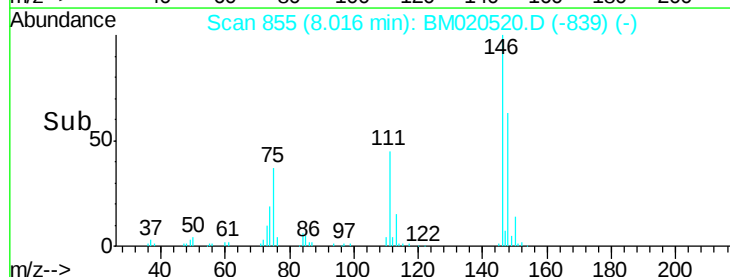
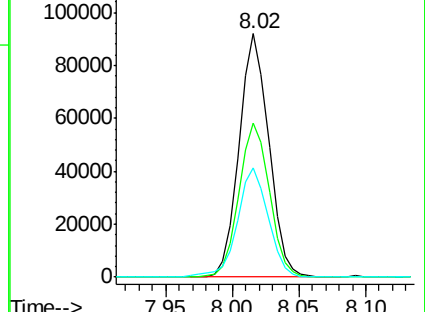
111 44.6 39.0 58.4

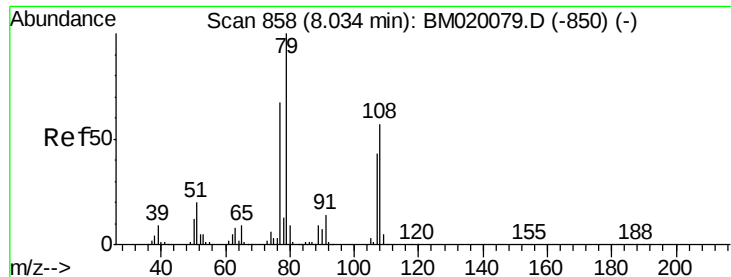


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.464 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

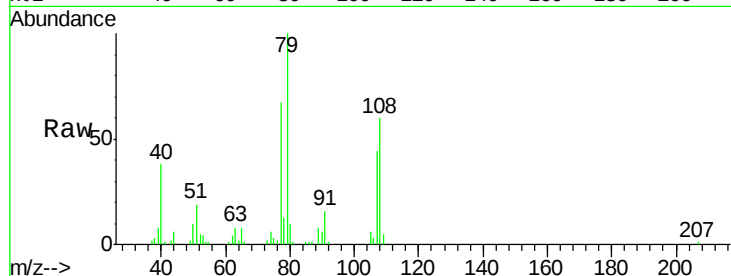
Tgt Ion: 79 Resp: 123126

Ion Ratio Lower Upper

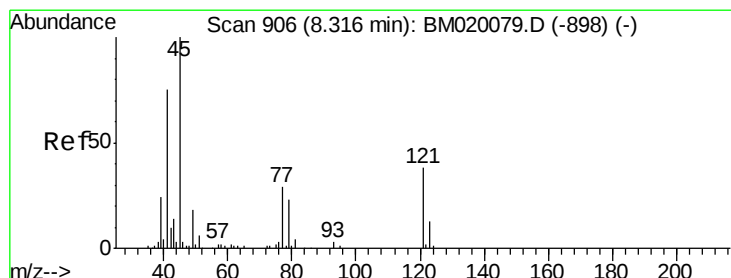
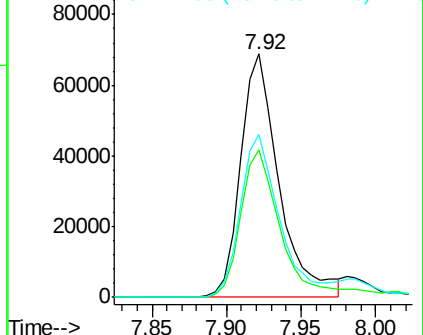
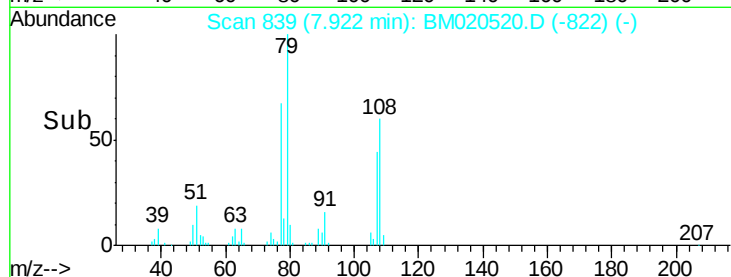
79 100

108 60.4 46.0 69.0

77 67.2 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020520.D (-822) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.302 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

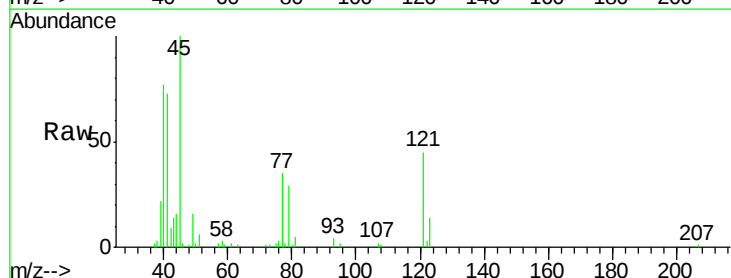
Tgt Ion: 45 Resp: 79462

Ion Ratio Lower Upper

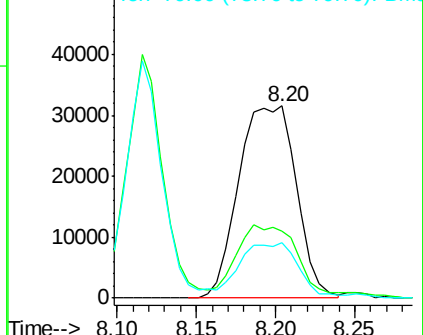
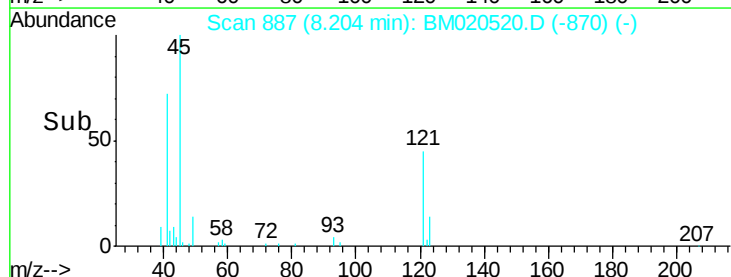
45 100

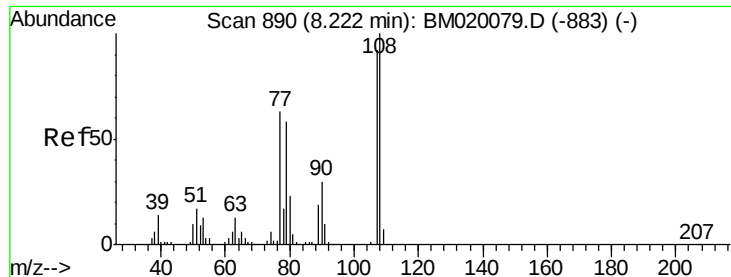
77 34.8 10.5 50.5

79 29.0 3.3 43.3



Abundance Ion 45.00 (44.70 to 45.70): BM020520.D (-870) (-)

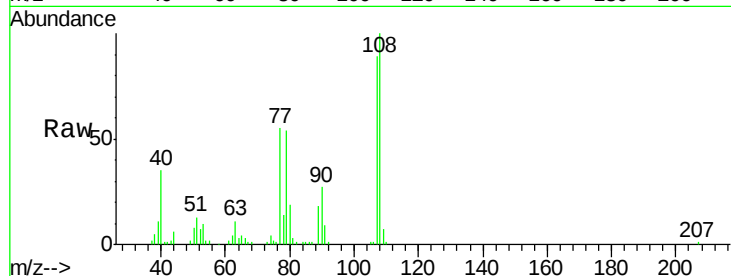




#17
2-Methylphenol
Concen: 33.818 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampled :
PB119565BS

Tgt Ion	Resp	Lower	Upper
107	100		
108	112.6	87.0	130.4
77	62.0	54.7	82.1
79	60.5	50.1	75.1



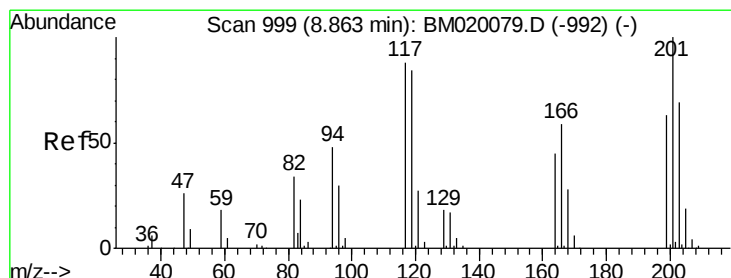
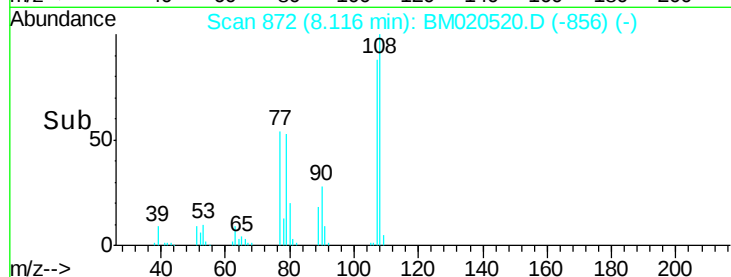
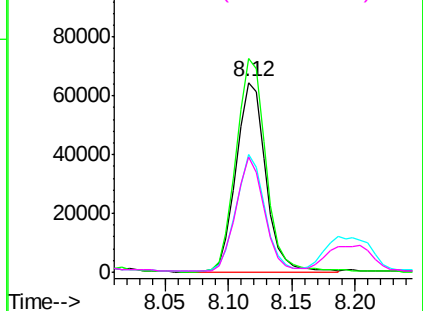
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

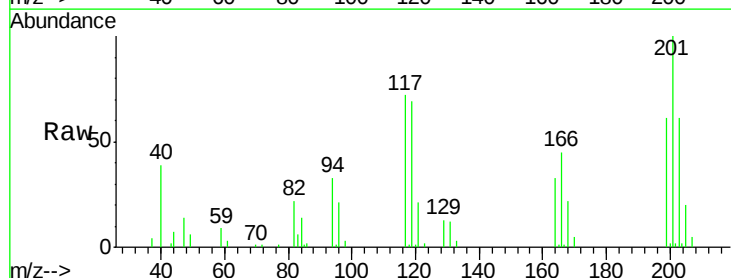
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 32.289 ng
RT: 8.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Resp	Lower	Upper
117	100		
119	96.2	76.6	114.8
201	138.4	90.7	136.1#

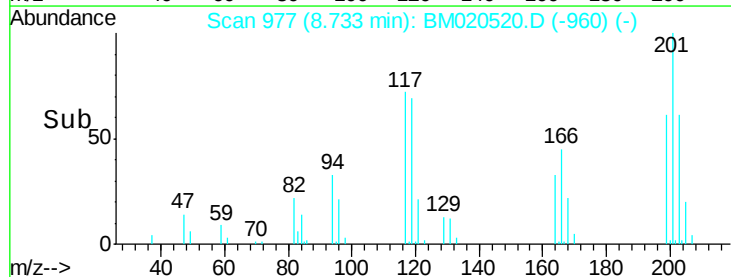
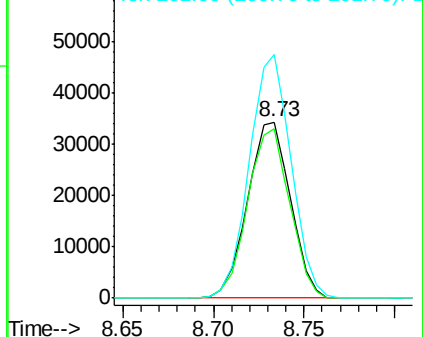


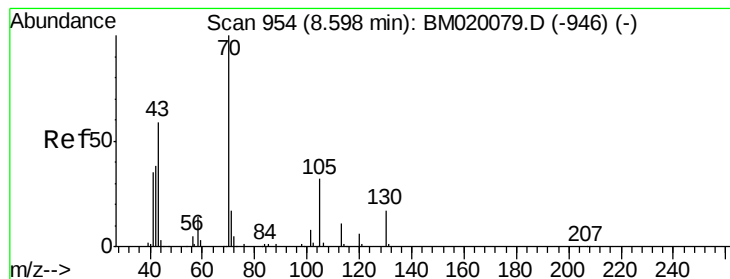
Abundance

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: 28.280 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tgt Ion: 70 Resp: 108539

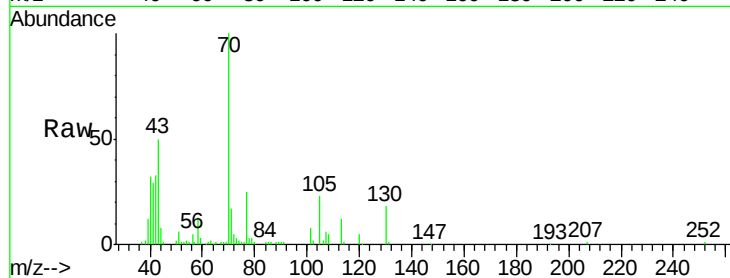
Ion Ratio Lower Upper

70 100

42 33.2 31.0 46.4

101 8.3 6.2 9.2

130 17.9 13.5 20.3

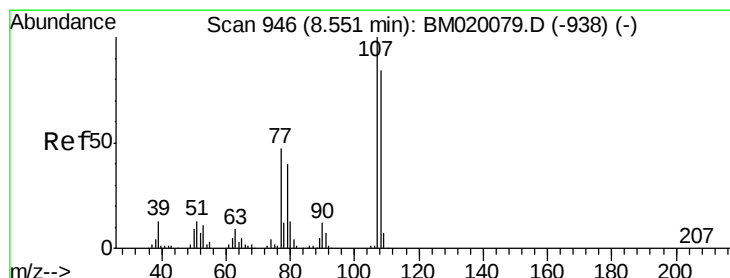
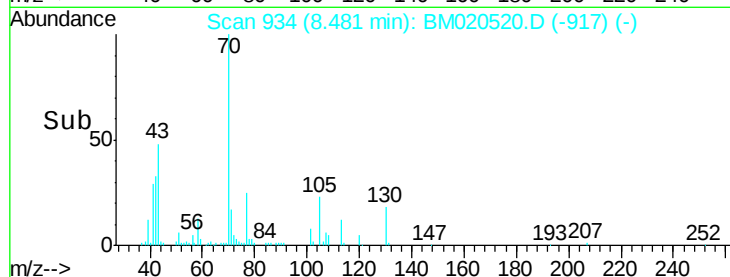
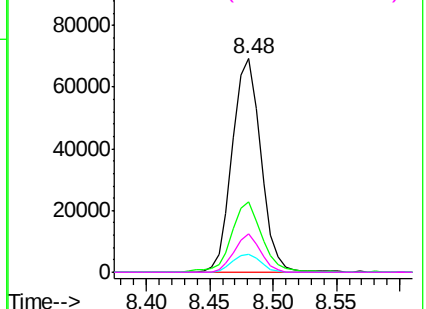


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 33.814 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion: 107 Resp: 139710

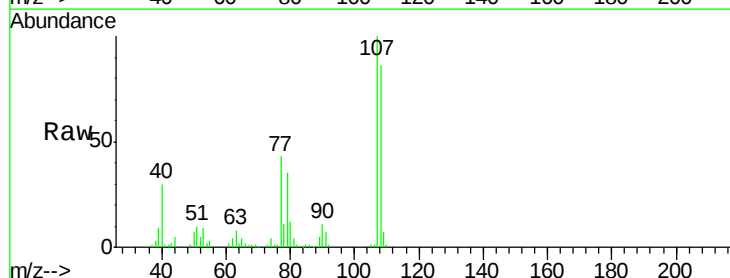
Ion Ratio Lower Upper

107 100

108 86.1 64.4 104.4

77 43.2 27.2 67.2

79 35.0 19.6 59.6

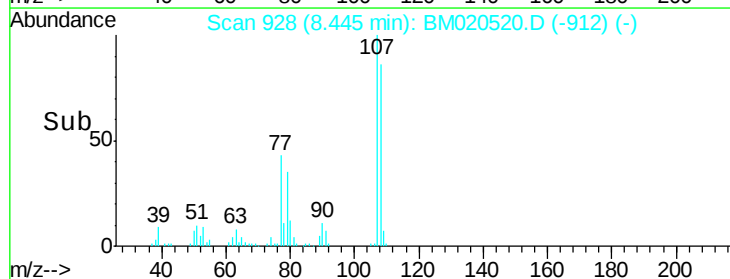
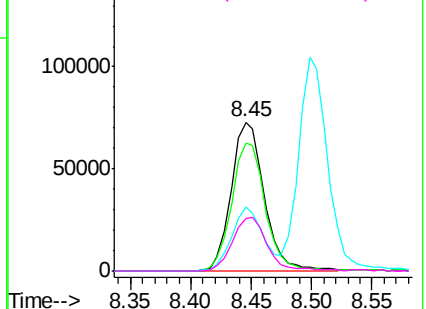


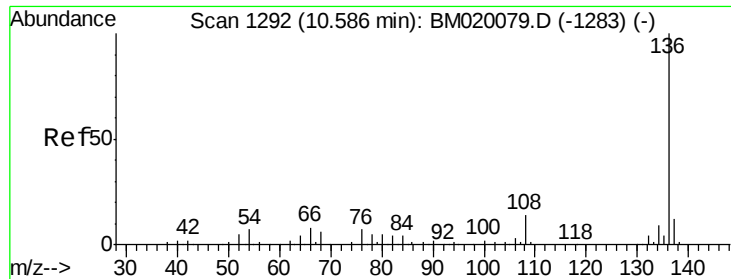
Abundance Ion 107.00 (106.70 to 107.70): E

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

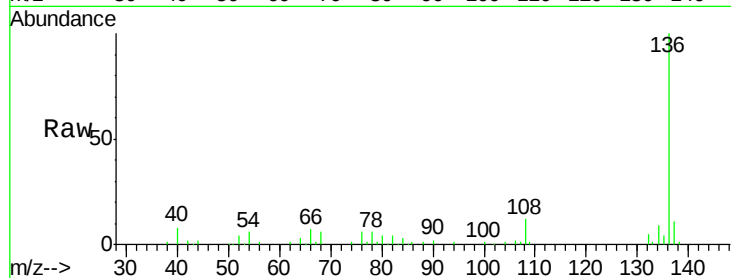




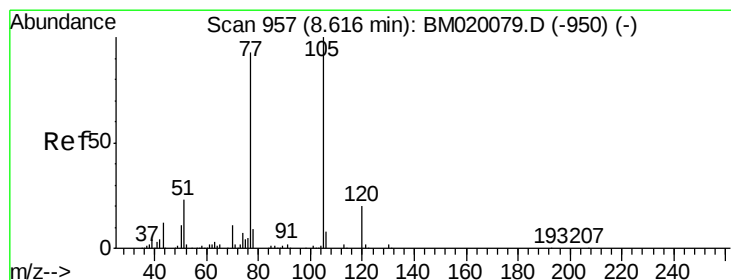
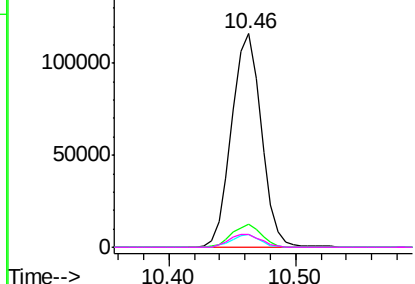
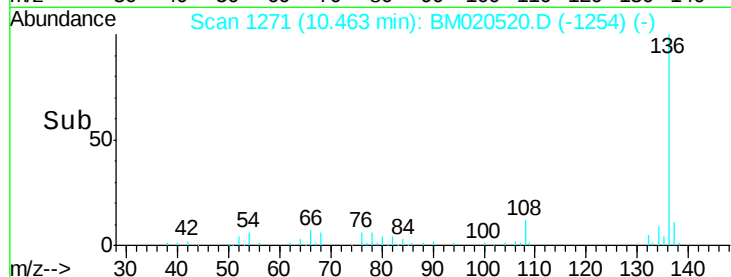
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion:	136	Resp:	188280
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.6	14.4
54	6.2	5.5	8.3
68	6.1	4.6	6.8

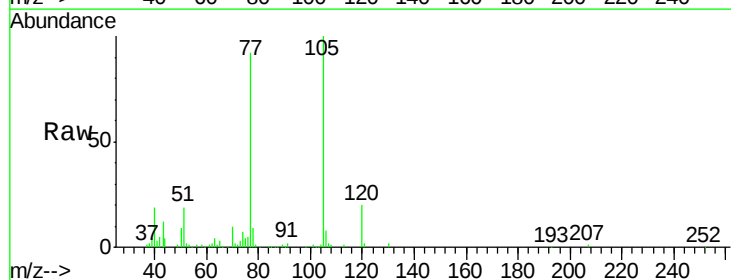


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

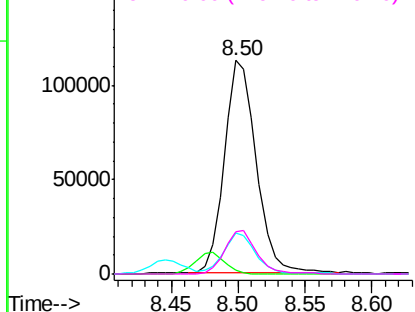
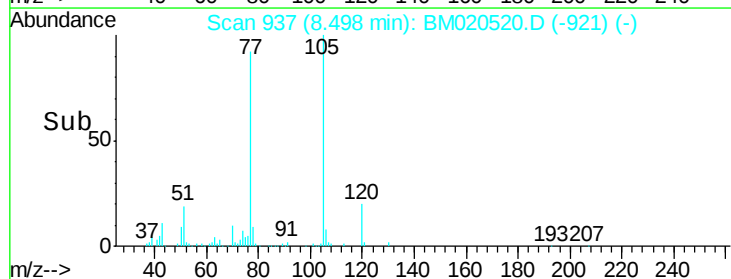


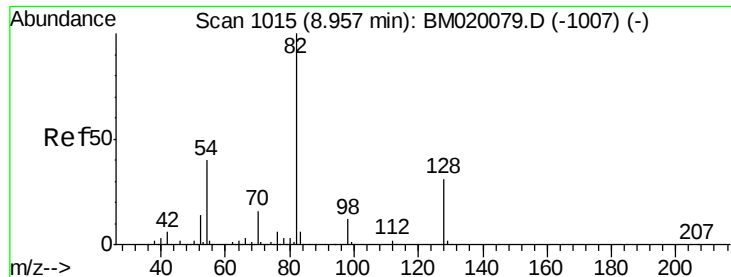
#22
Acetophenone
Concen: 36.810 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion:	105	Resp:	189415
Ion Ratio	Lower	Upper	
105	100		
71	1.9	2.2	3.2#
51	19.4	19.3	28.9
120	19.8	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

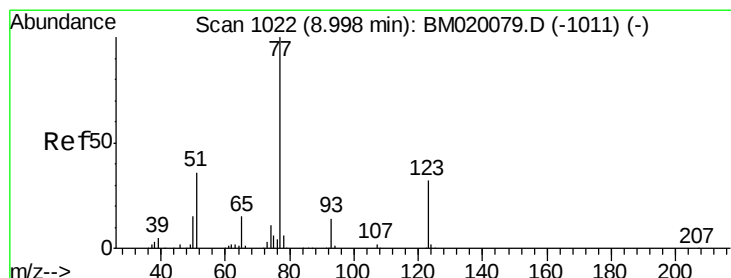
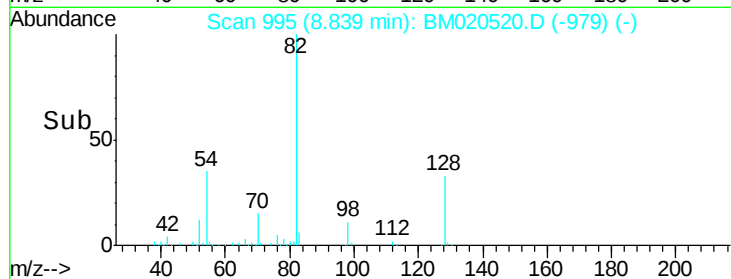
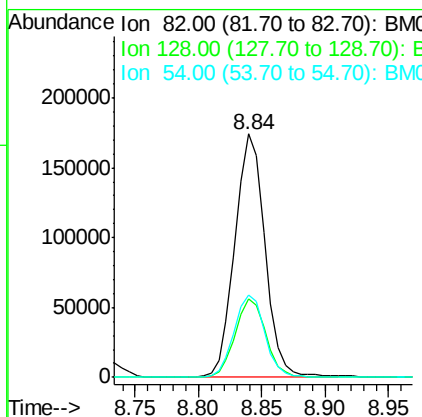
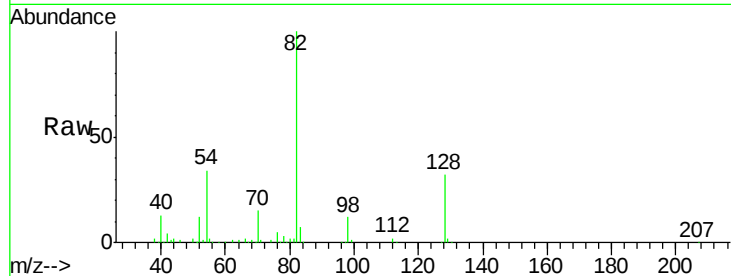




#23
 Nitrobenzene-d5
 Concen: 60.283 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

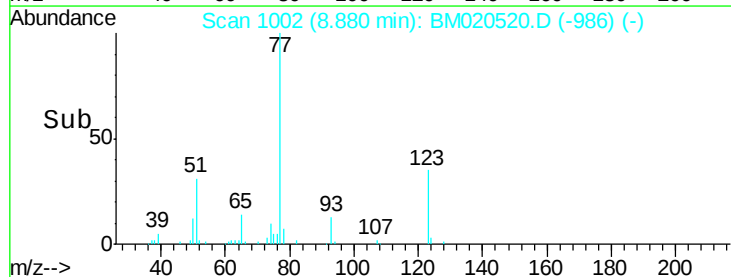
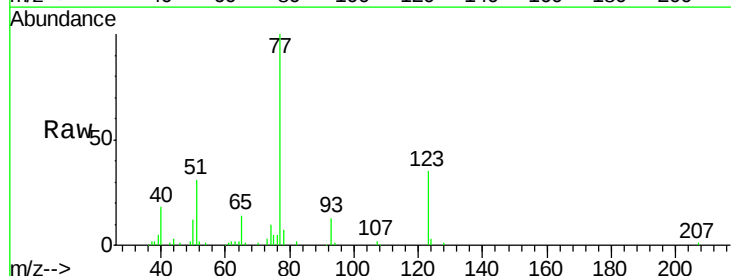
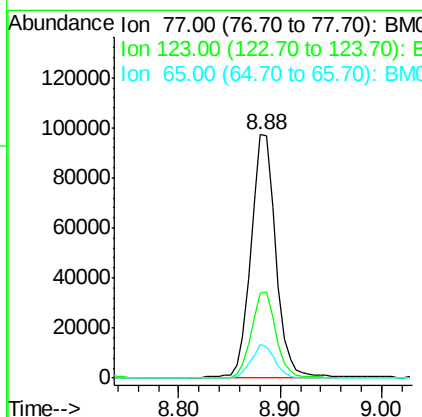
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

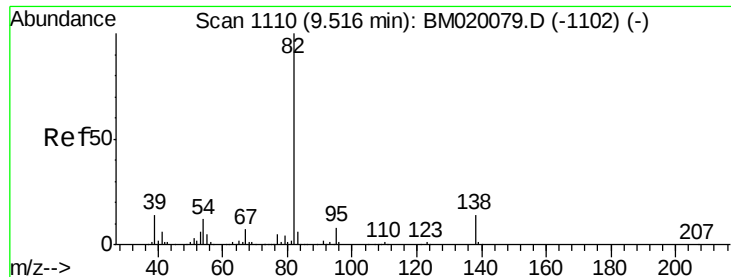
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.1	25.2	37.8
54	33.9	31.9	47.9



#24
 Nitrobenzene
 Concen: 33.882 ng
 RT: 8.88 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.0	25.5	38.3
65	13.6	11.8	17.6





#25

Isophorone

Concen: 34.267 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

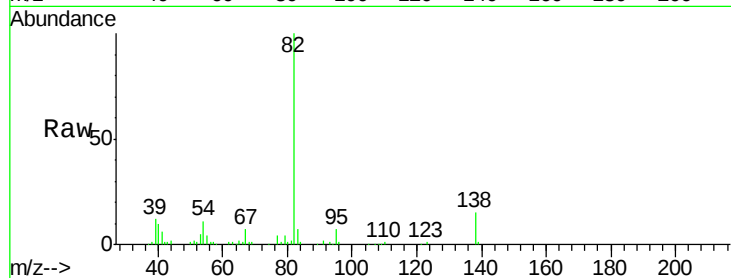
Tgt Ion: 82 Resp: 281816

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

138 14.8 11.1 16.7

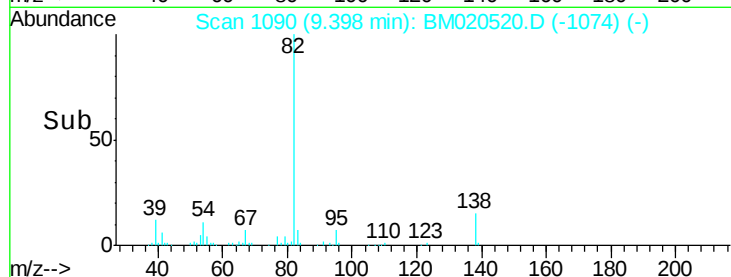


Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020079.D (-1102) (-)

Time--> 9.30 9.35 9.40 9.45 9.50

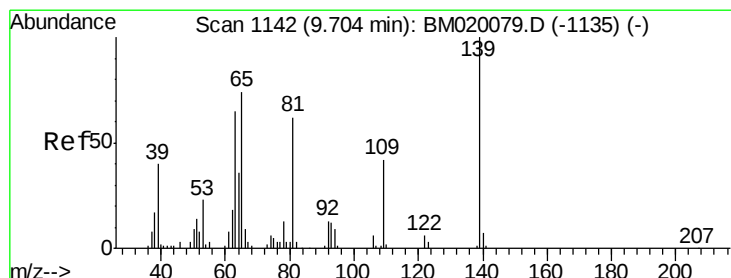


Abundance Ion 82.00 (81.70 to 82.70): BM020520.D (-1074) (-)

Ion 95.00 (94.70 to 95.70): BM020520.D (-1074) (-)

Ion 138.00 (137.70 to 138.70): BM020520.D (-1074) (-)

Time--> 9.30 9.35 9.40 9.45 9.50



#26

2-Nitrophenol

Concen: 41.106 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

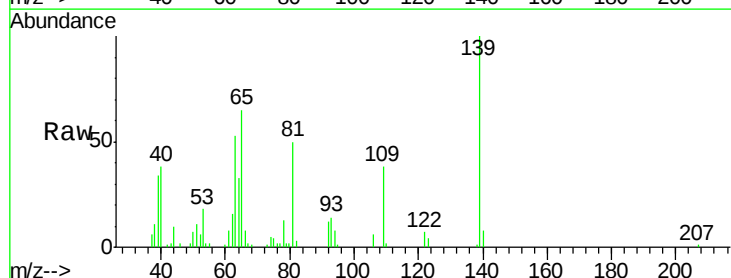
Tgt Ion: 139 Resp: 61362

Ion Ratio Lower Upper

139 100

109 38.2 33.7 50.5

65 64.8 59.5 89.3

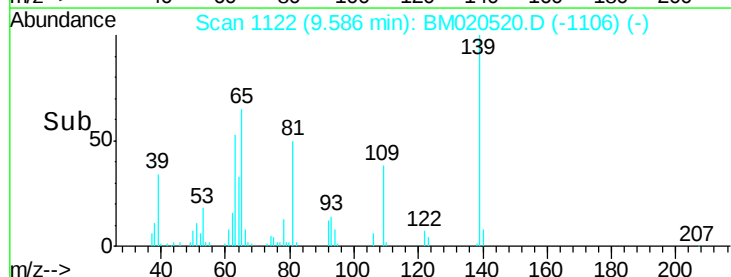


Abundance Ion 139.00 (138.70 to 139.70): BM020079.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020079.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1135) (-)

Time--> 9.50 9.55 9.60 9.65 9.70

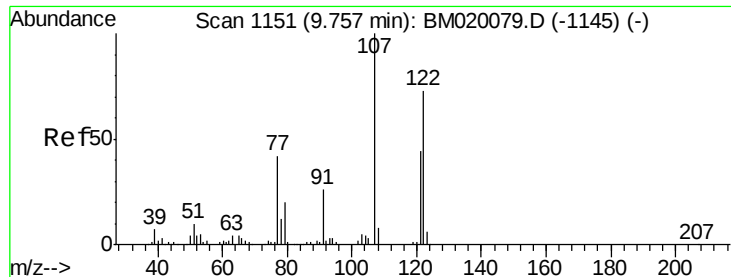


Abundance Ion 139.00 (138.70 to 139.70): BM020520.D (-1106) (-)

Ion 109.00 (108.70 to 109.70): BM020520.D (-1106) (-)

Ion 65.00 (64.70 to 65.70): BM020520.D (-1106) (-)

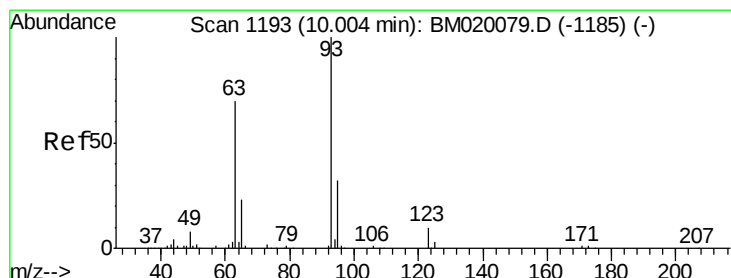
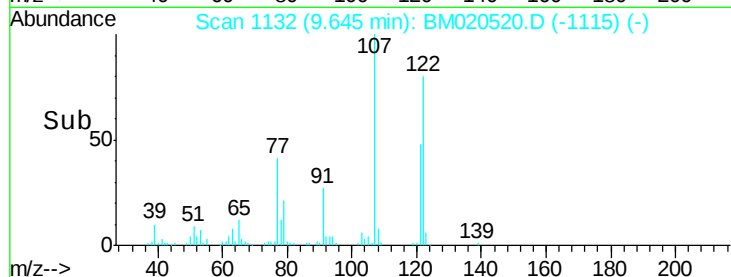
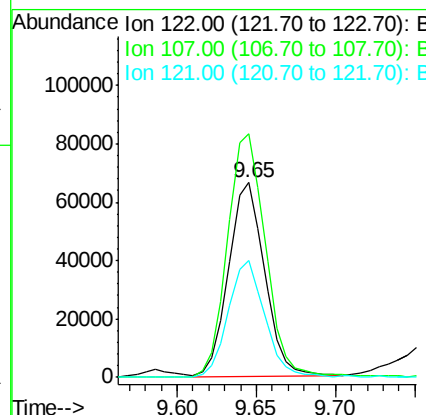
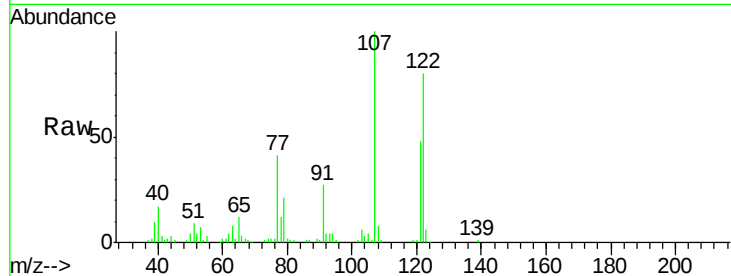
Time--> 9.50 9.55 9.60 9.65 9.70



#27
 2,4-Dimethylphenol
 Concen: 42.282 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

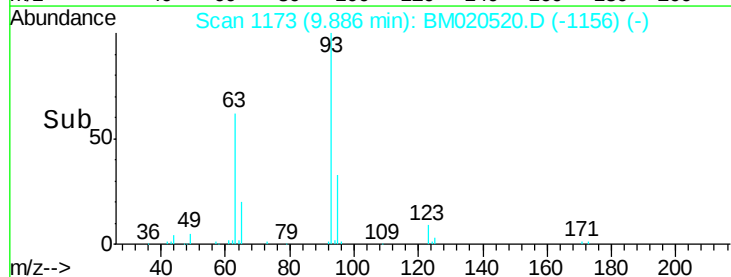
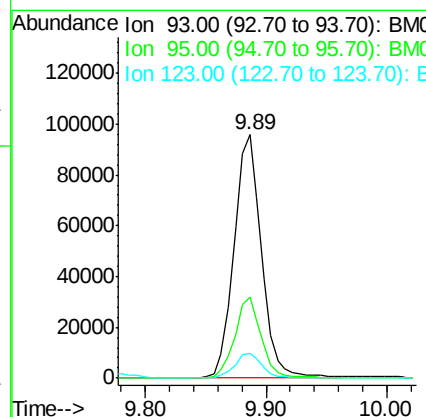
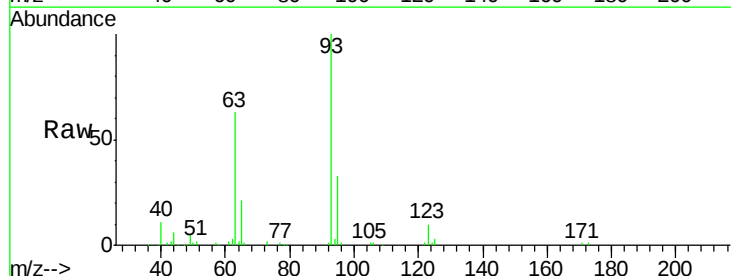
Instrument :
 BNA_M
 ClientSampled :
 PB119565BS

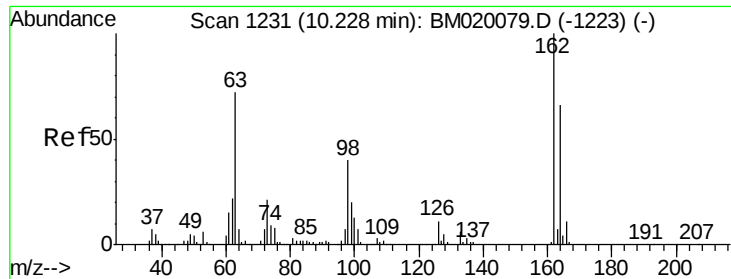
Tgt Ion:122 Resp: 105081
 Ion Ratio Lower Upper
 122 100
 107 124.9 108.6 162.8
 121 60.0 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.899 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion: 93 Resp: 151836
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.5 38.3
 123 10.1 7.6 11.4

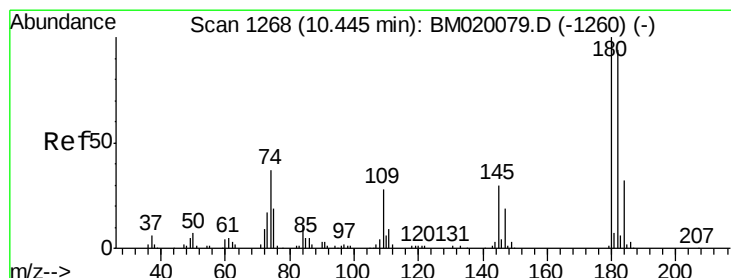
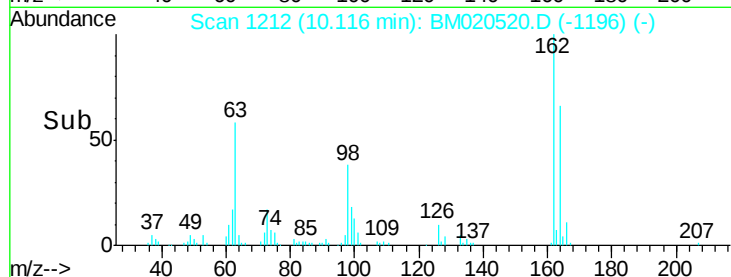
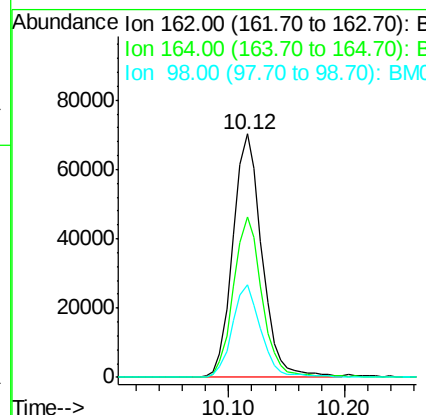
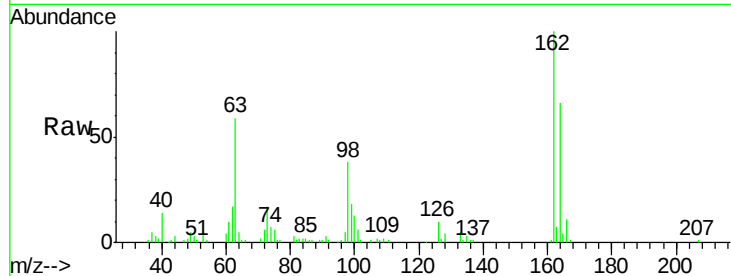




#29
 2,4-Dichlorophenol
 Concen: 39.207 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

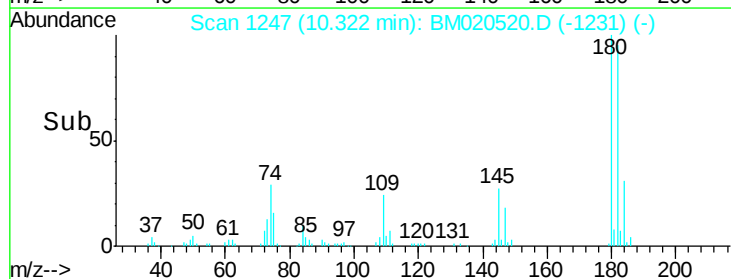
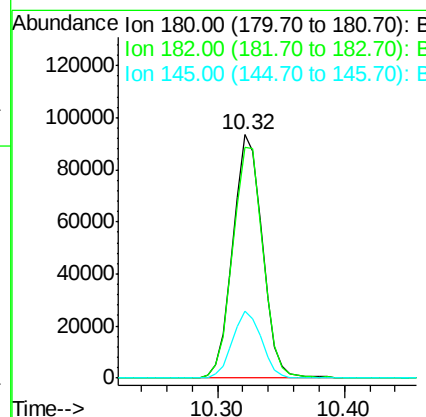
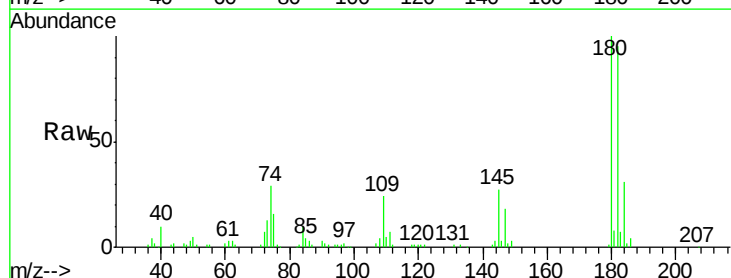
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

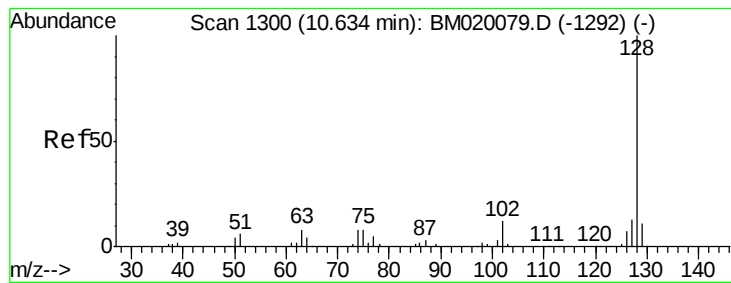
Tgt Ion:162 Resp: 122868
 Ion Ratio Lower Upper
 162 100
 164 65.8 45.6 85.6
 98 37.9 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 38.984 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion:180 Resp: 150325
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.4 113.0
 145 27.3 23.8 35.8





#31

Naphthalene

Concen: 36.050 ng

RT: 10.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

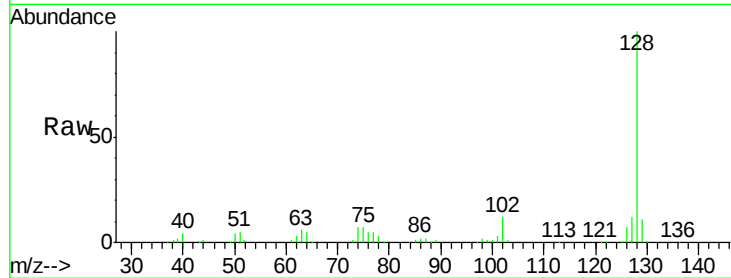
Tgt Ion:128 Resp: 352226

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

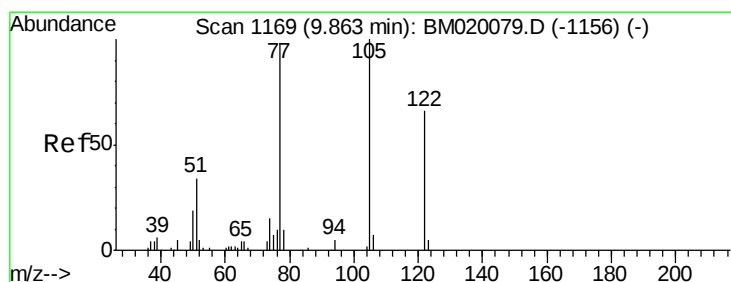
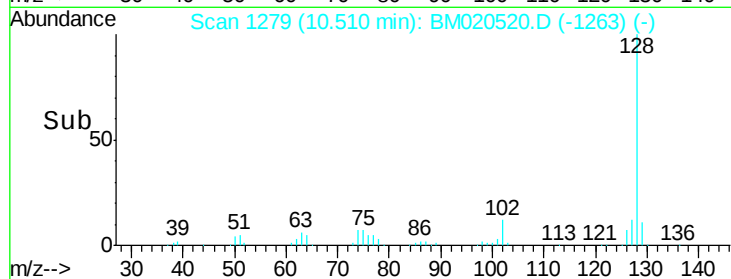
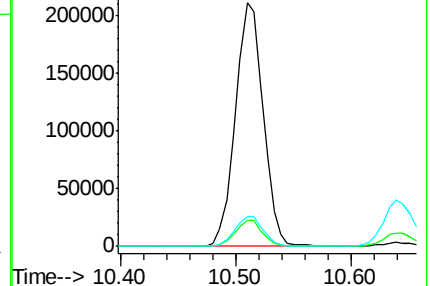
127 12.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.890 ng

RT: 9.79 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

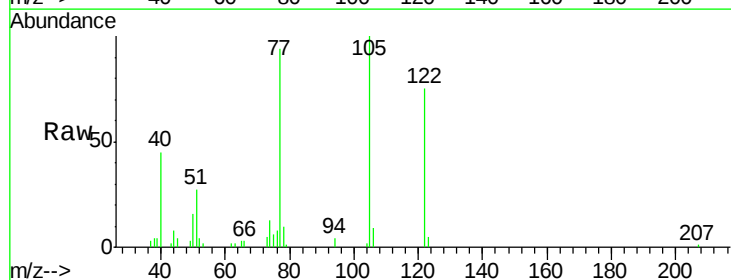
Tgt Ion:122 Resp: 53892

Ion Ratio Lower Upper

122 100

105 134.2 122.5 162.5

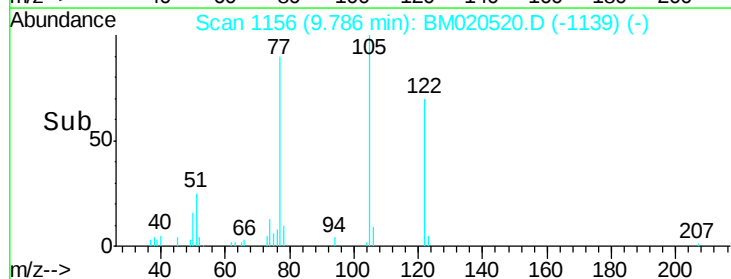
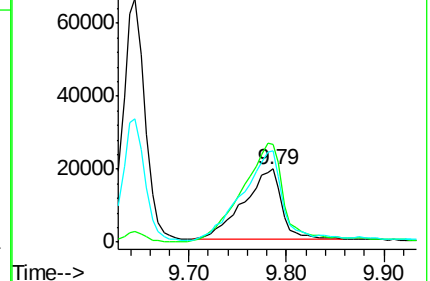
77 125.8 123.3 163.3

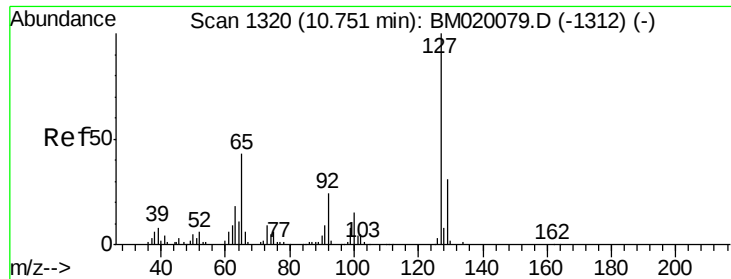


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

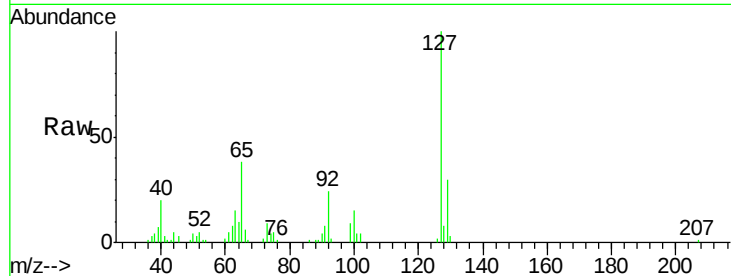




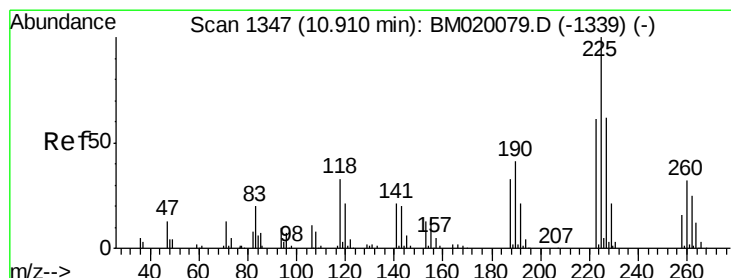
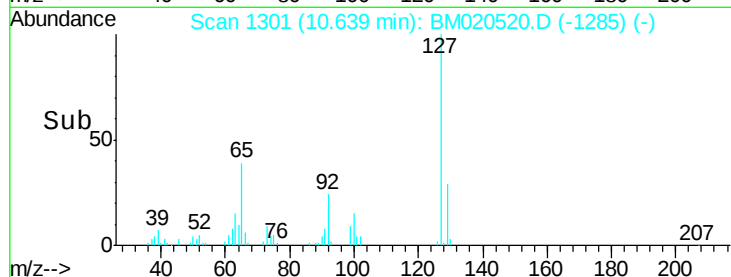
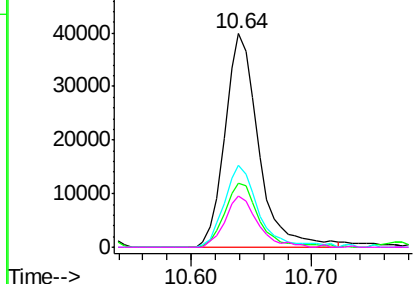
#33
4-Chloroaniline
Concen: 19.159 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion:	127	Resp:	77046
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.7	37.1
65	38.2	34.6	52.0
92	24.3	19.5	29.3

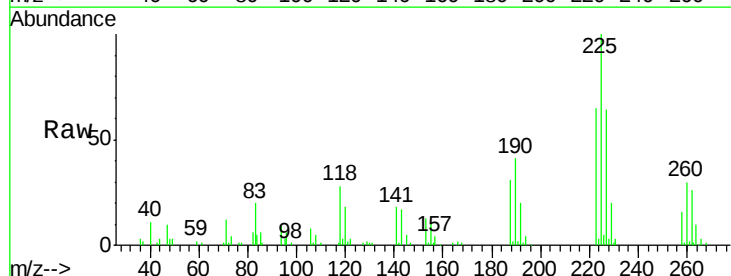


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

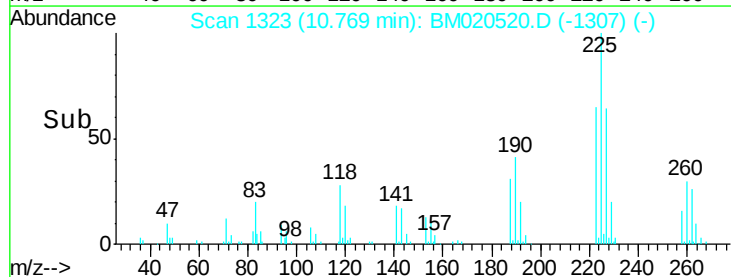
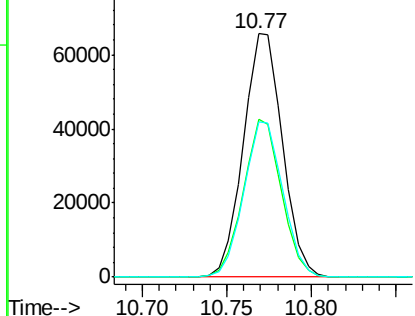


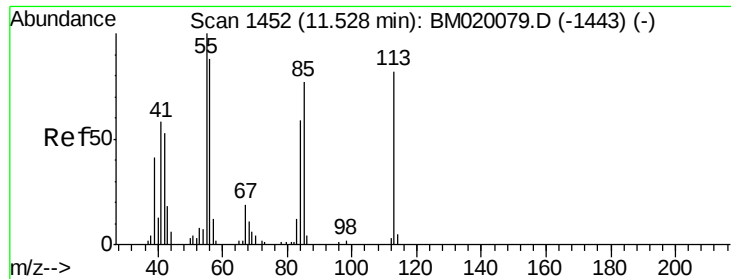
#34
Hexachlorobutadiene
Concen: 38.775 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion:	225	Resp:	105770
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.9	73.3
227	64.0	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

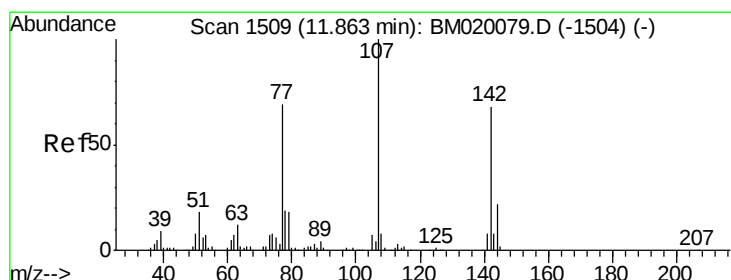
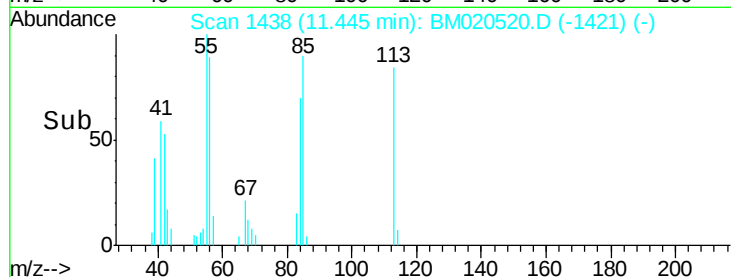
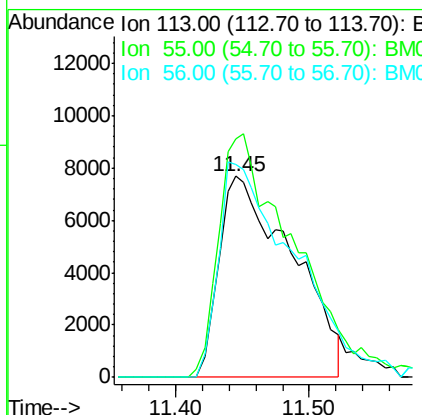
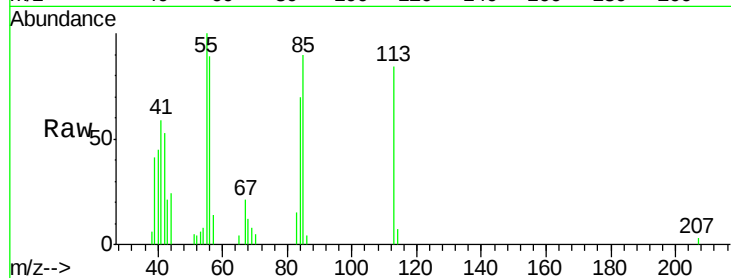




#35
 Caprolactam
 Concen: 31.268 ng
 RT: 11.45 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

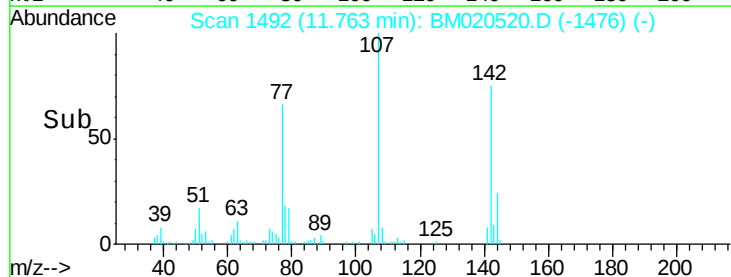
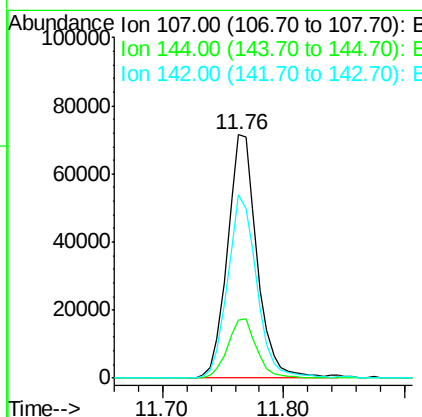
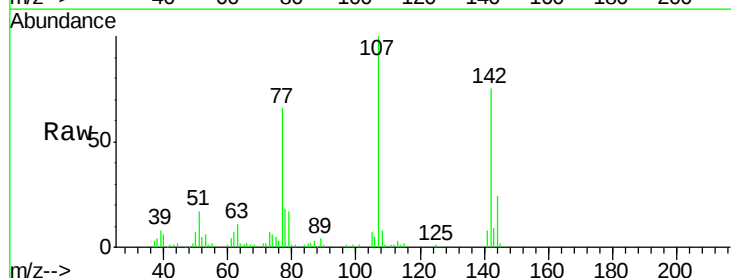
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

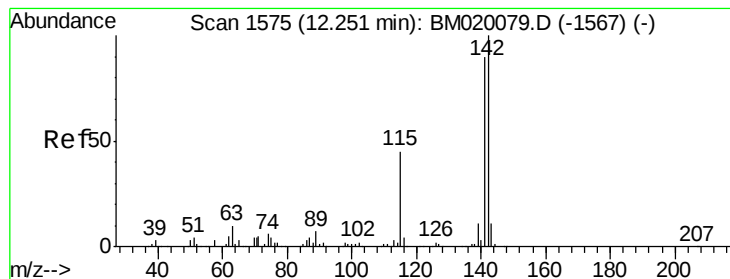
Tgt Ion:113 Resp: 29300
 Ion Ratio Lower Upper
 113 100
 55 118.7 102.5 142.5
 56 105.8 87.7 127.7



#36
 4-Chloro-3-methylphenol
 Concen: 33.233 ng
 RT: 11.76 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion:107 Resp: 122387
 Ion Ratio Lower Upper
 107 100
 144 24.1 17.6 26.4
 142 75.4 54.6 82.0





#37

2-Methylnaphthalene

Concen: 35.788 ng

RT: 12.13 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

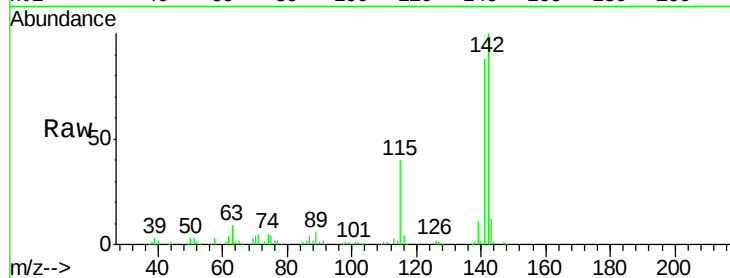
Tgt Ion:142 Resp: 254918

Ion Ratio Lower Upper

142 100

141 88.3 71.6 107.4

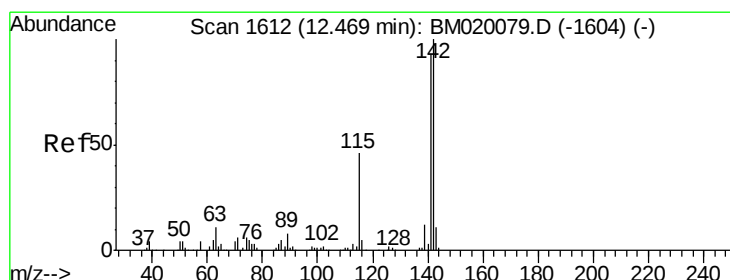
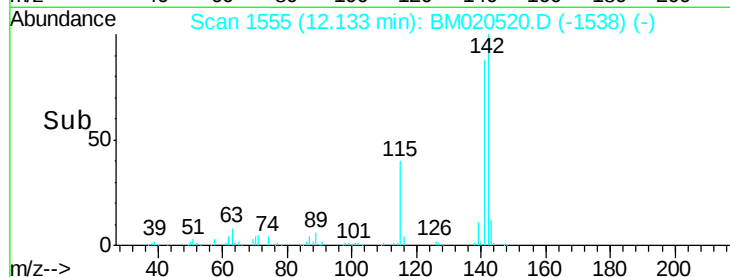
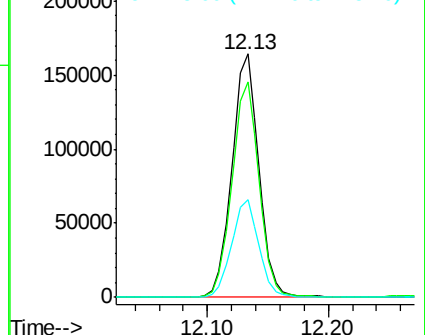
115 40.4 35.8 53.6



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: 34.897 ng

RT: 12.35 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

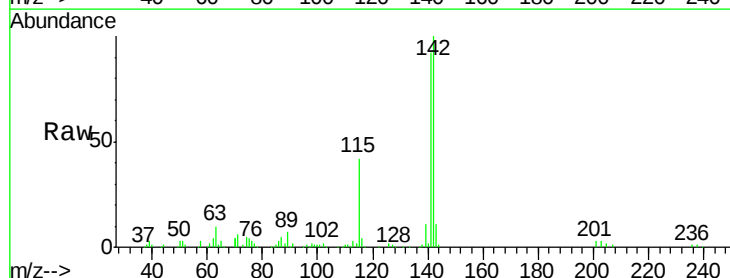
Tgt Ion:142 Resp: 243068

Ion Ratio Lower Upper

142 100

141 91.7 74.8 112.2

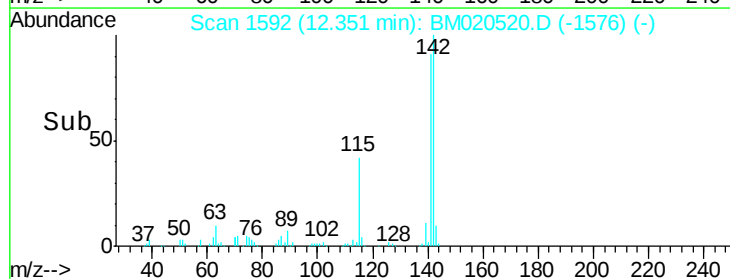
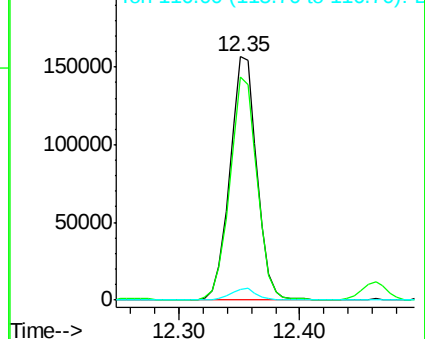
116 4.3 3.9 5.9

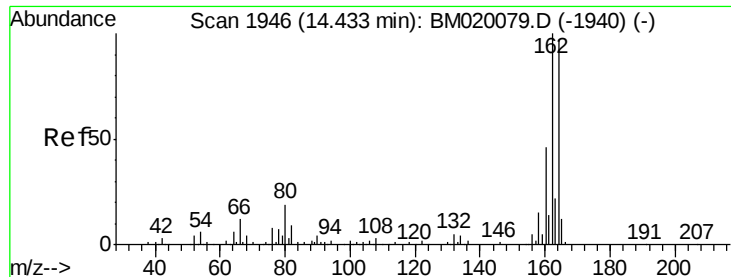


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

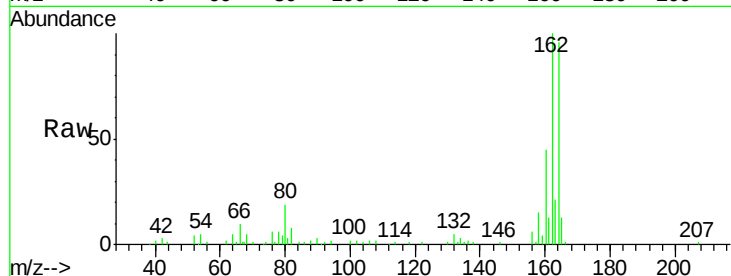
Tgt Ion:164 Resp: 115677

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.2

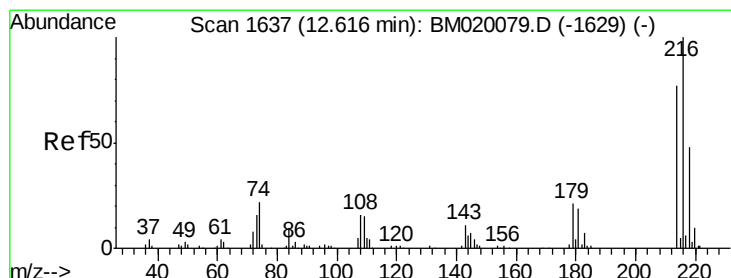
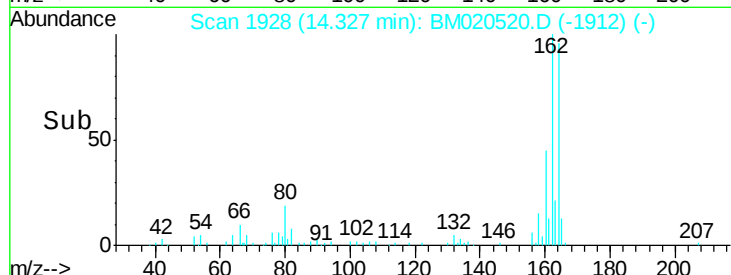
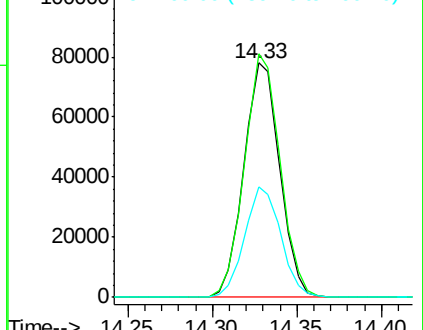
160 47.2 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.625 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:216 Resp: 183860

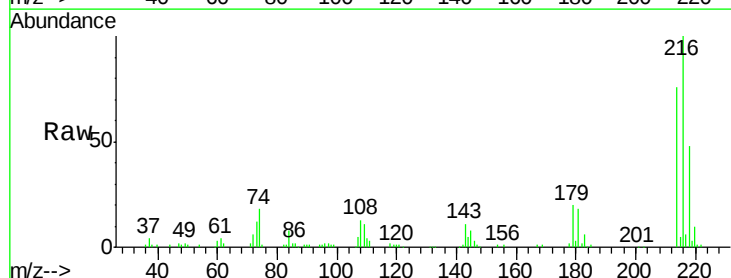
Ion Ratio Lower Upper

216 100

214 77.7 62.6 94.0

179 19.2 17.1 25.7

108 13.2 15.8 23.6#

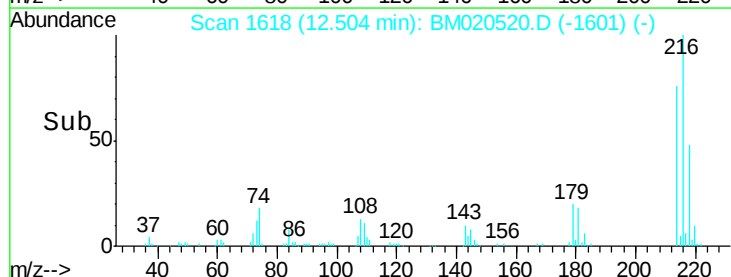
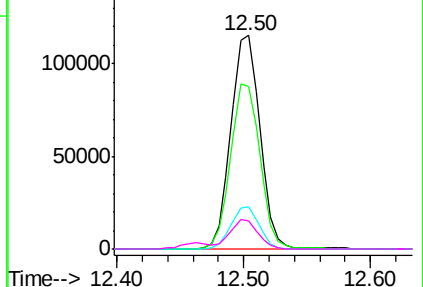


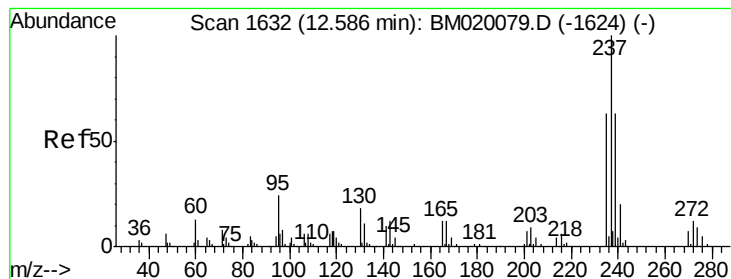
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 64.606 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

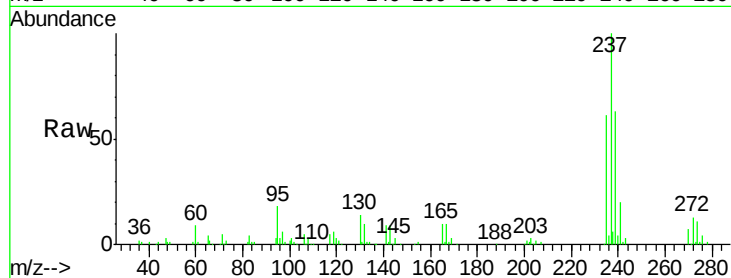
Tgt Ion:237 Resp: 172161

Ion Ratio Lower Upper

237 100

235 61.0 43.4 83.4

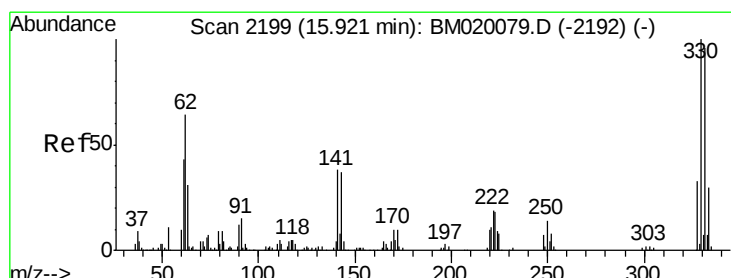
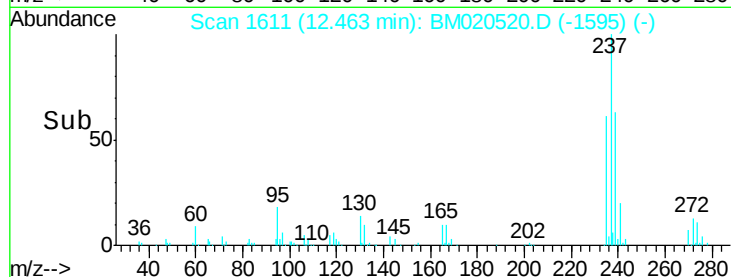
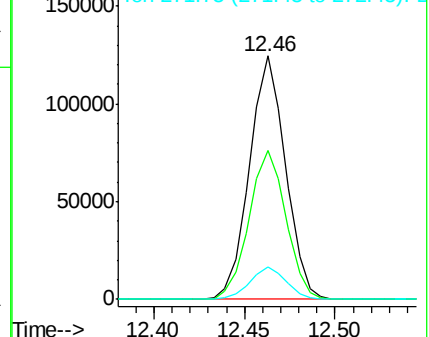
272 13.5 0.0 31.7



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: 133.318 ng

RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

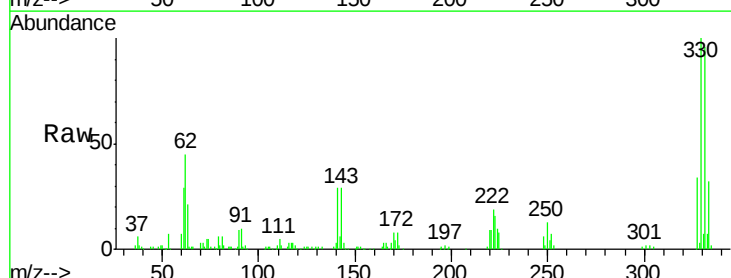
Tgt Ion:330 Resp: 239375

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

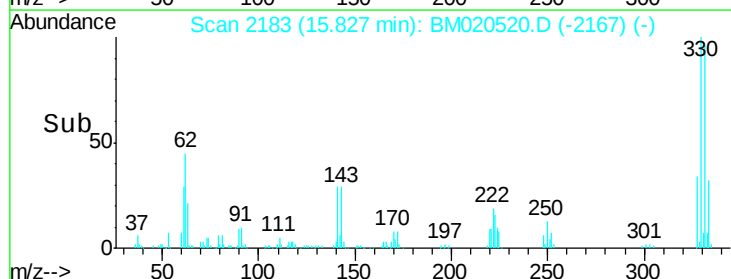
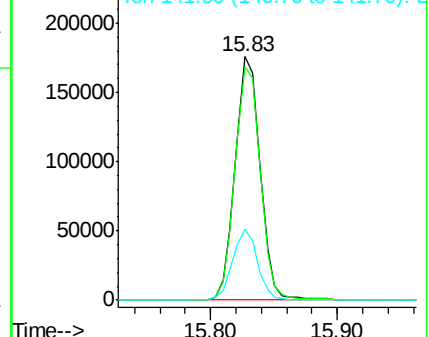
141 28.9 29.2 43.8#

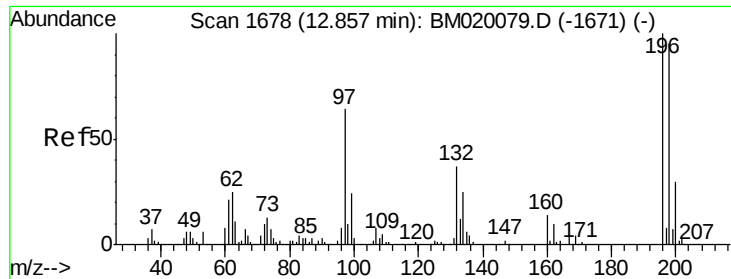


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

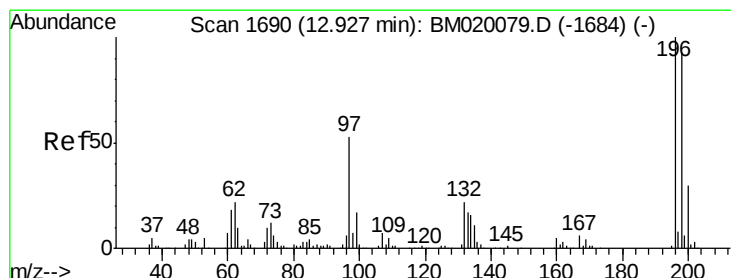
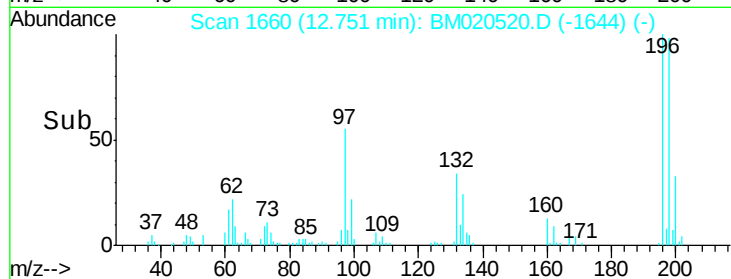
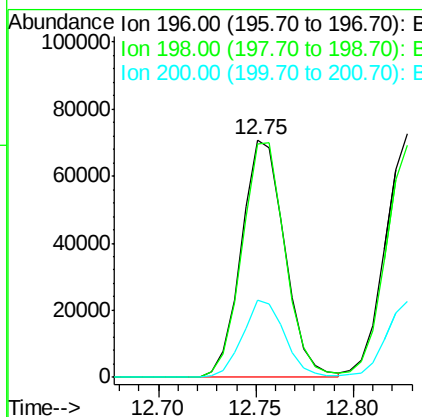
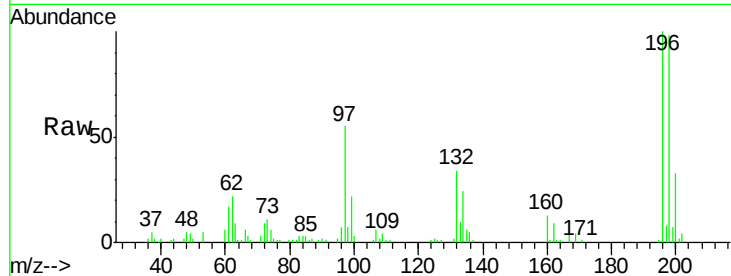




#43
 2,4,6-Trichlorophenol
 Concen: 42.268 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

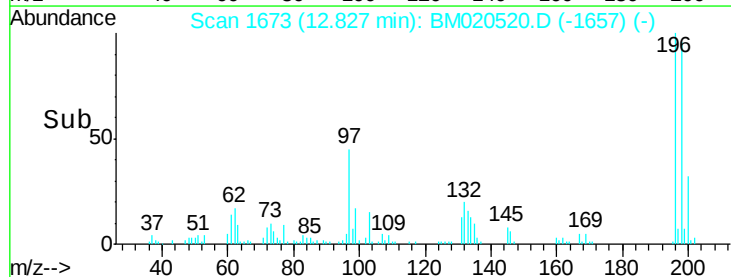
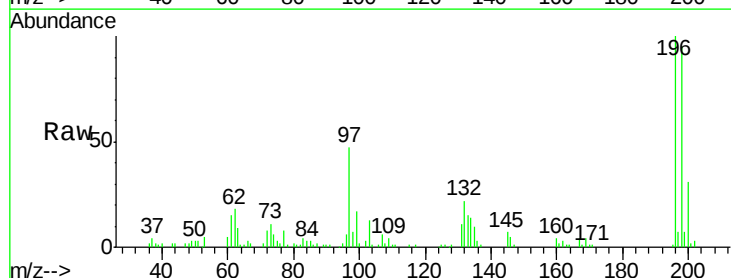
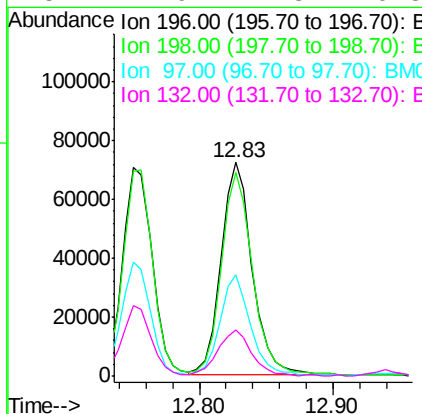
Instrument :
 BNA_M
 ClientSampleID :
 PB119565BS

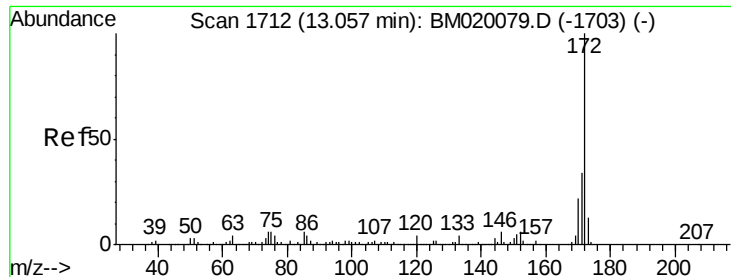
Tgt Ion:196 Resp: 108718
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.2 114.2
 200 32.6 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.821 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion:196 Resp: 117294
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.7 112.1
 97 47.3 42.2 63.4
 132 21.9 17.8 26.8

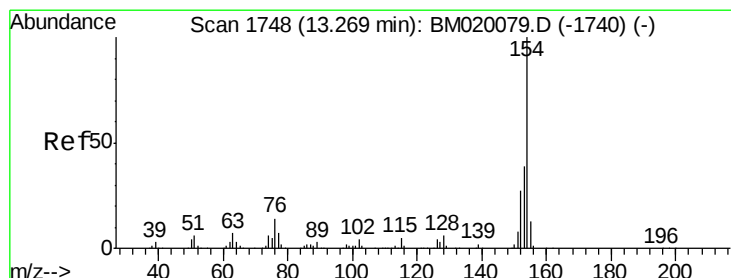
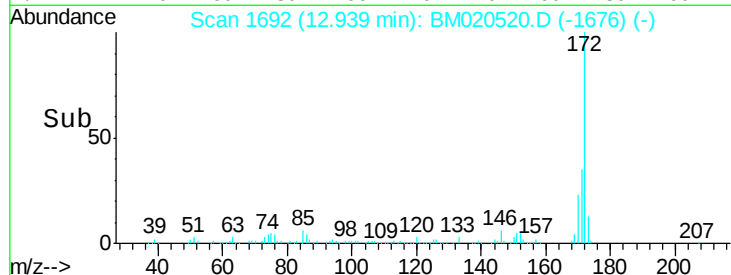
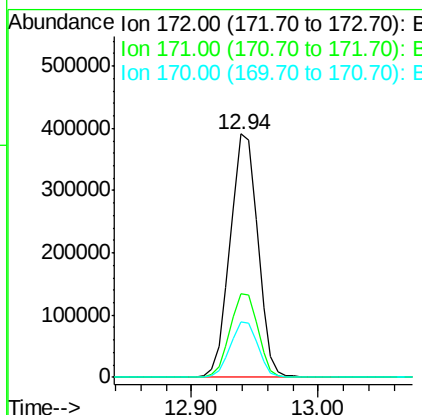
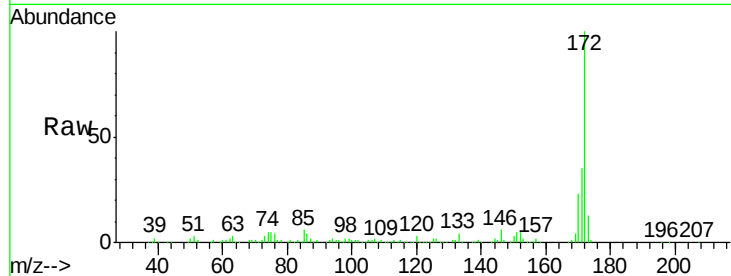




#45
2-Fluorobiphenyl
Concen: 62.727 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

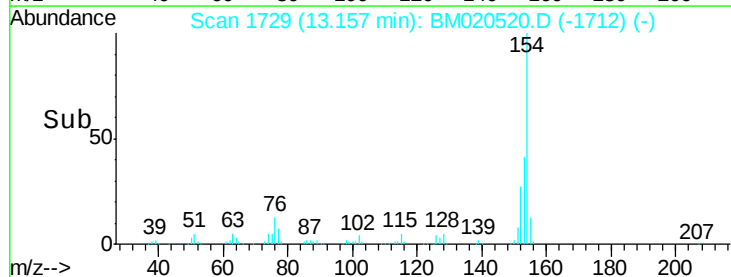
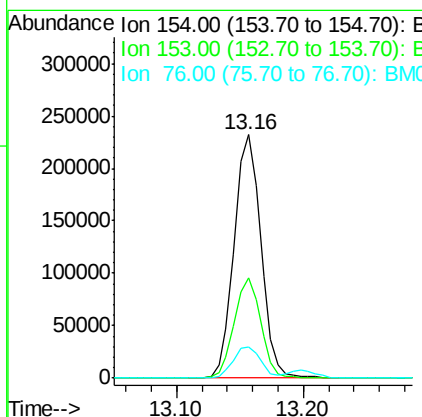
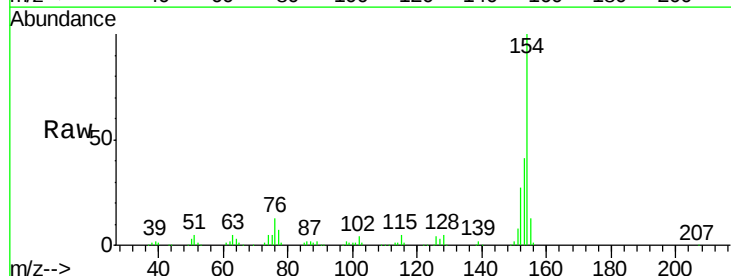
Instrument :
BNA_M
ClientSampleId :
PB119565BS

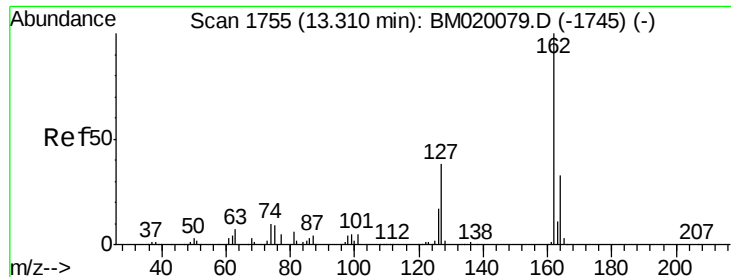
Tgt Ion:172 Resp: 589751
Ion Ratio Lower Upper
172 100
171 34.5 27.3 40.9
170 22.8 17.9 26.9



#46
1,1'-Biphenyl
Concen: 35.613 ng
RT: 13.16 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion:154 Resp: 339079
Ion Ratio Lower Upper
154 100
153 40.9 19.4 59.4
76 12.9 0.0 34.5

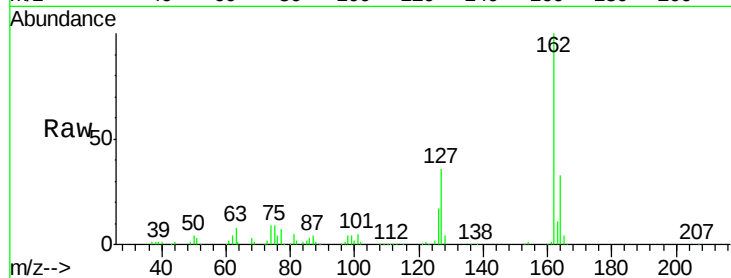




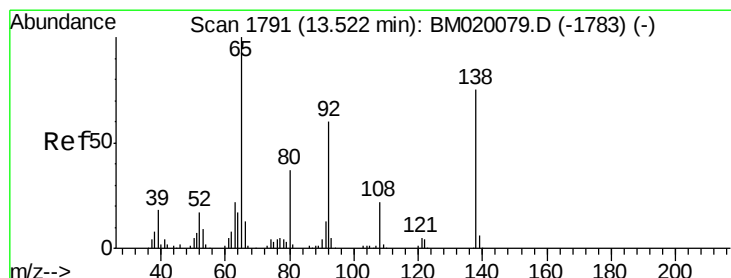
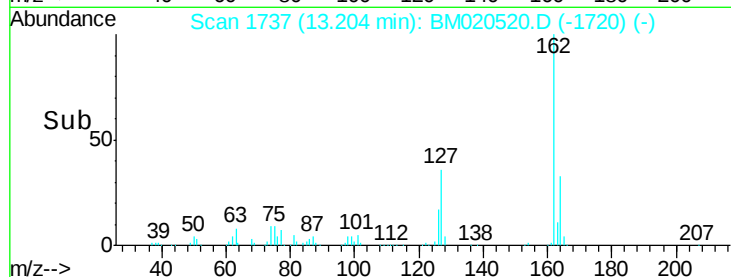
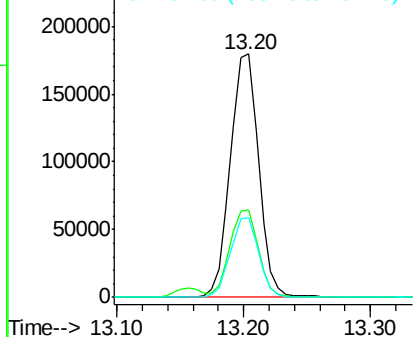
#47
 2-Chloronaphthalene
 Concen: 36.529 ng
 RT: 13.20 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	31.0	46.4
164	32.9	26.2	39.2

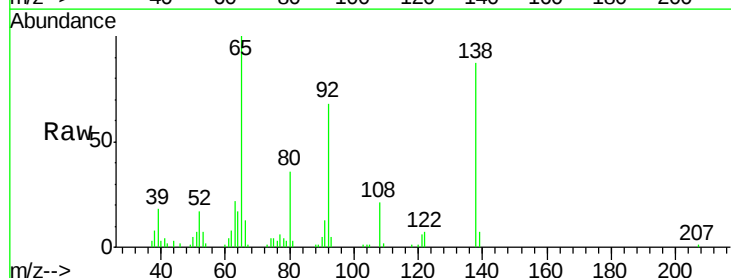


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

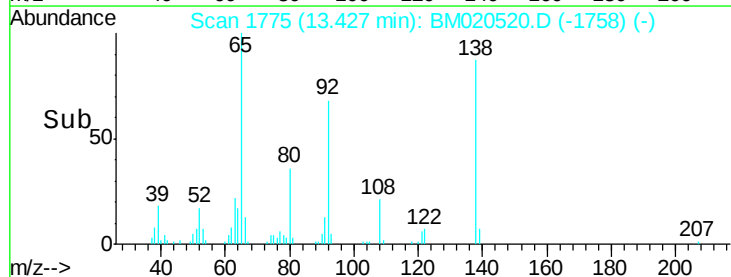
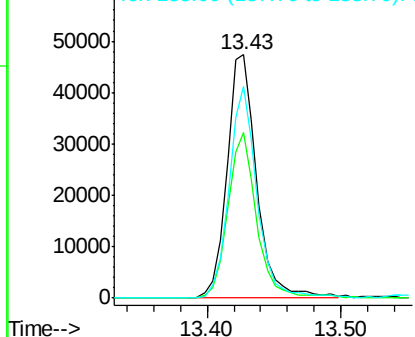


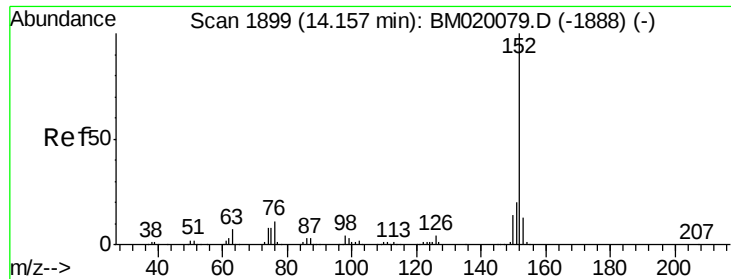
#48
 2-Nitroaniline
 Concen: 27.237 ng
 RT: 13.43 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	48.2	72.4
138	87.1	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: 34.131 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

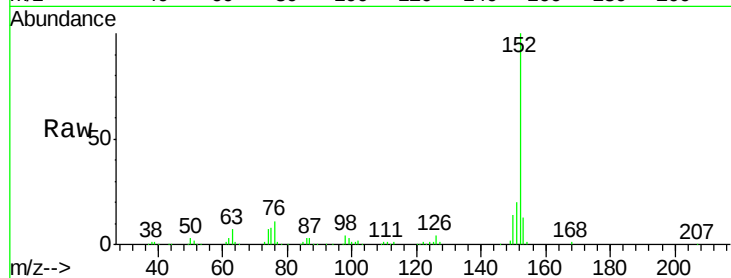
Tgt Ion:152 Resp: 415249

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.2

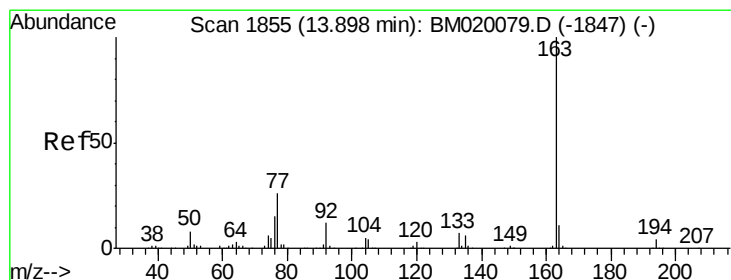
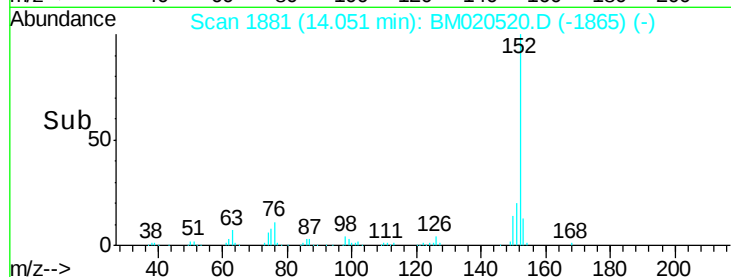
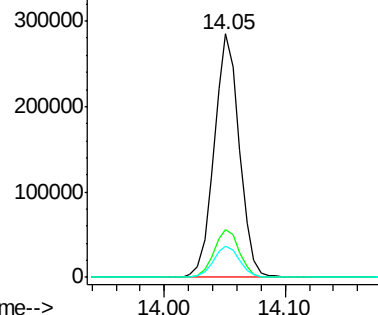
153 12.7 10.6 16.0



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: 34.694 ng

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

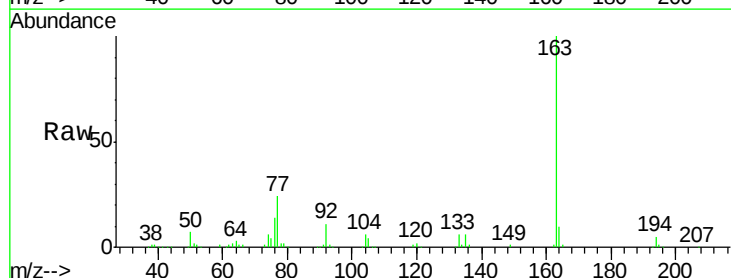
Tgt Ion:163 Resp: 341103

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

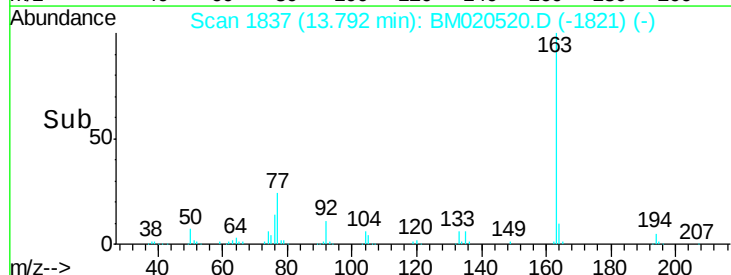
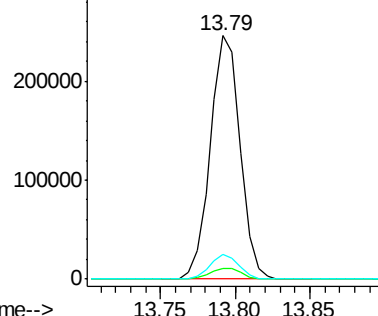
164 10.3 8.4 12.6

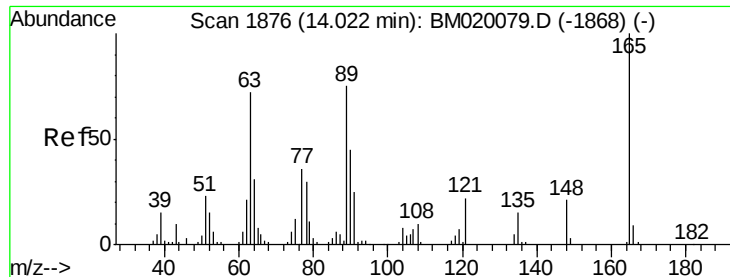


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

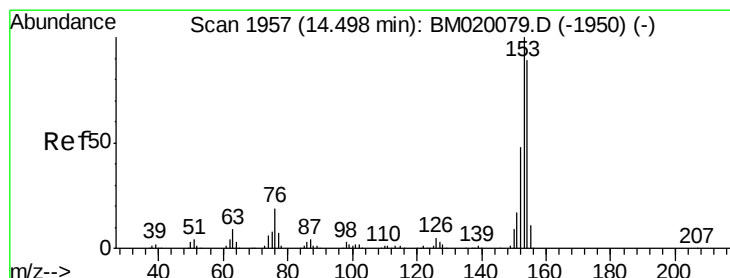
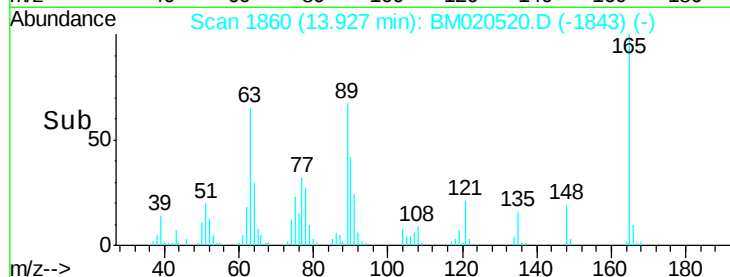
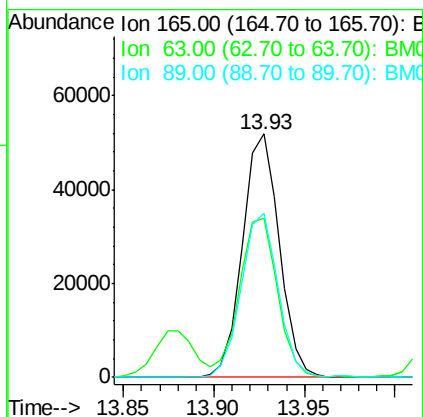
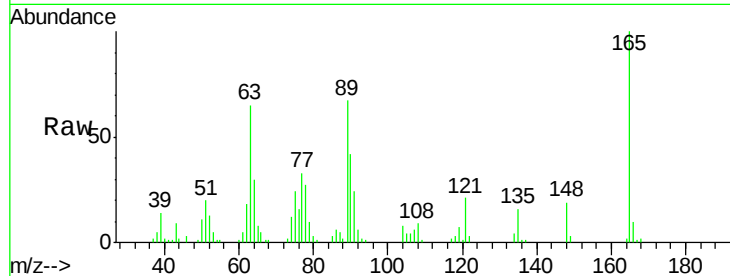




#51
 2,6-Dinitrotoluene
 Concen: 35.241 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

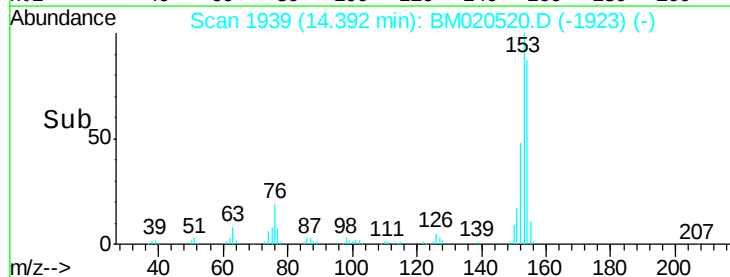
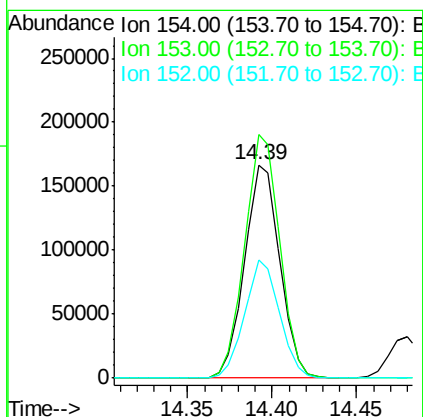
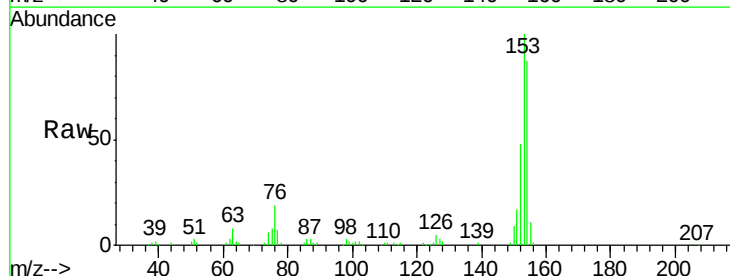
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

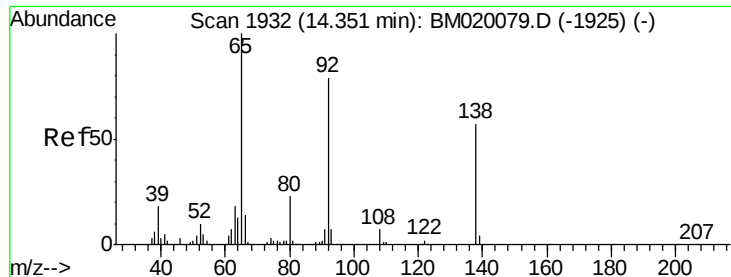
Tgt Ion:165 Resp: 72976
 Ion Ratio Lower Upper
 165 100
 63 65.3 60.3 90.5
 89 67.4 59.8 89.6



#52
 Acenaphthene
 Concen: 34.716 ng
 RT: 14.39 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion:154 Resp: 242206
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.2 135.2
 152 55.3 43.0 64.4





#53

3-Nitroaniline

Concen: 19.903 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

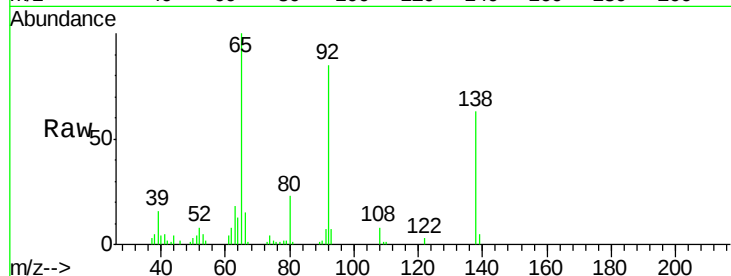
Tgt Ion:138 Resp: 38252

Ion Ratio Lower Upper

138 100

108 12.6 10.4 15.6

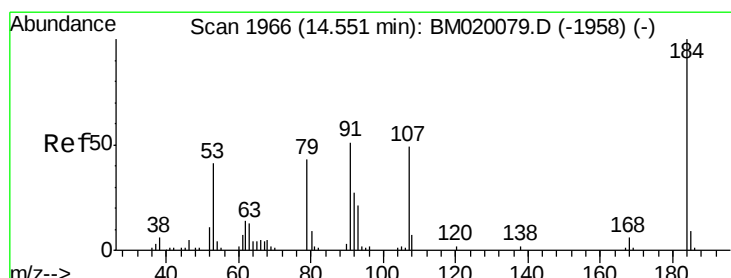
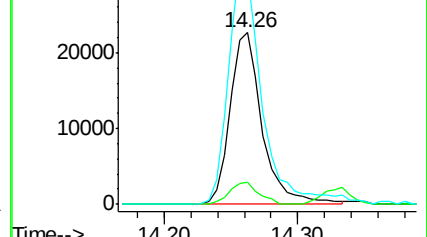
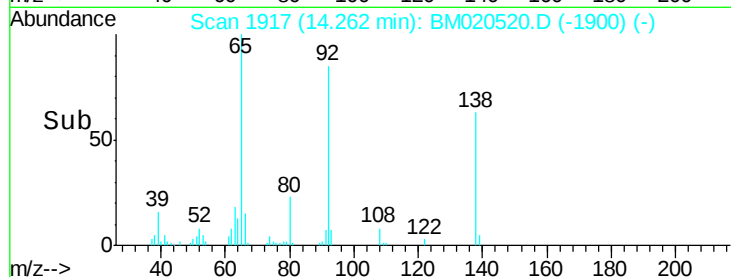
92 135.1 111.3 166.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 77.880 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

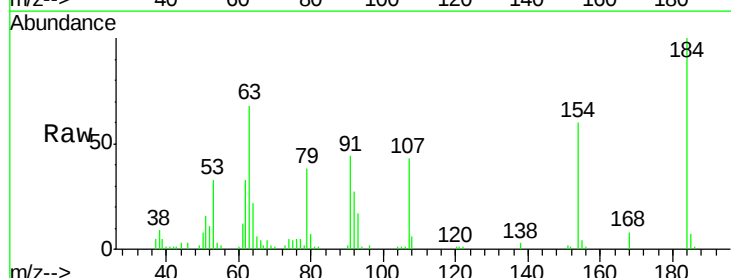
Tgt Ion:184 Resp: 80520

Ion Ratio Lower Upper

184 100

63 67.7 68.9 103.3#

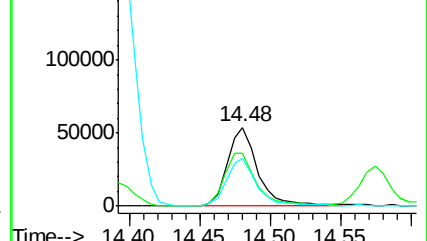
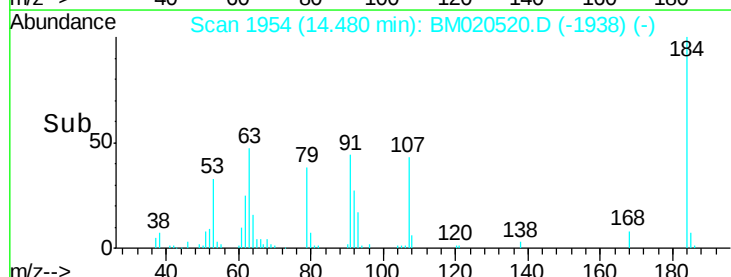
154 60.2 54.4 81.6

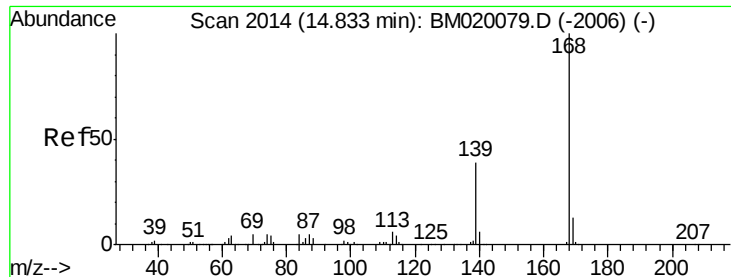


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 36.333 ng

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

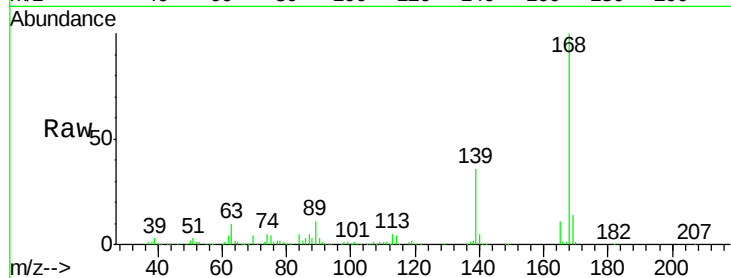
Tgt Ion:168 Resp: 427571

Ion Ratio Lower Upper

168 100

139 35.8 31.1 46.7

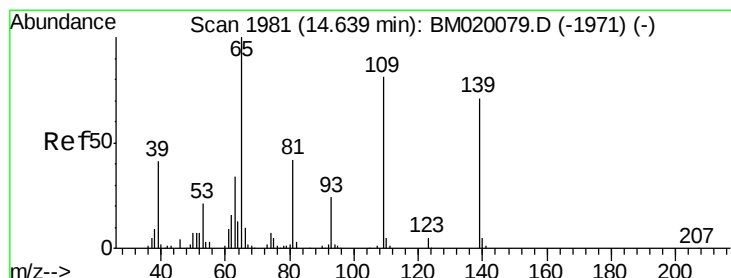
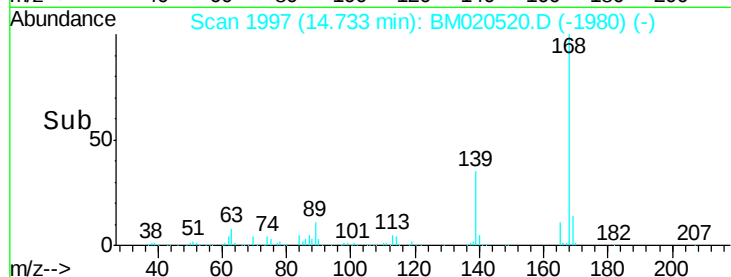
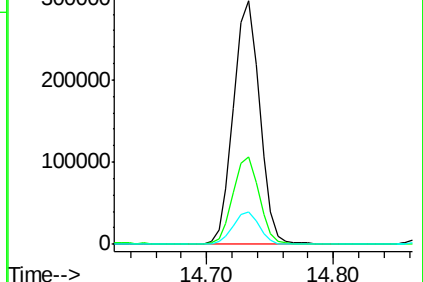
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 62.897 ng

RT: 14.57 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

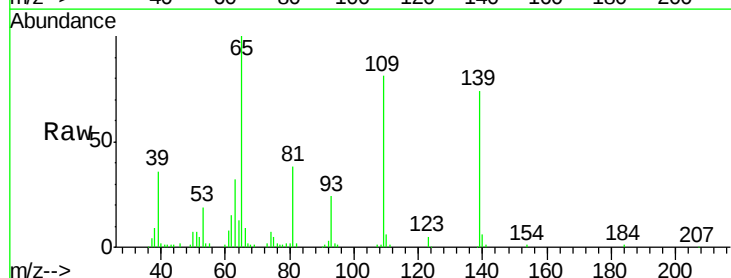
Tgt Ion:139 Resp: 103137

Ion Ratio Lower Upper

139 100

109 109.0 94.1 134.1

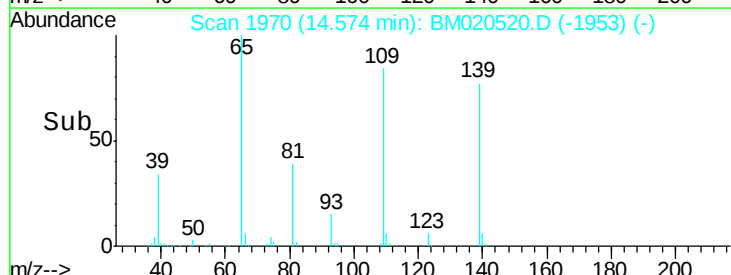
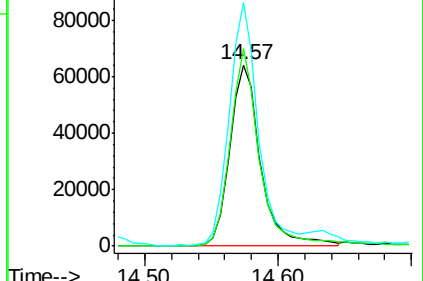
65 134.4 120.9 160.9

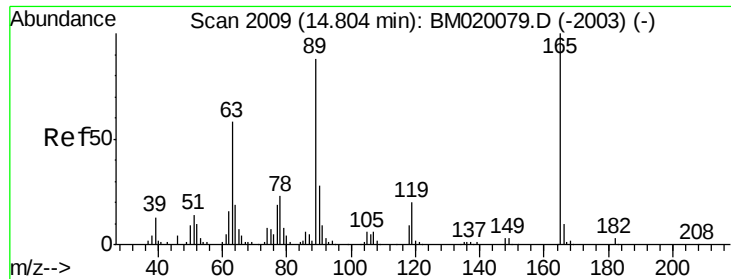


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

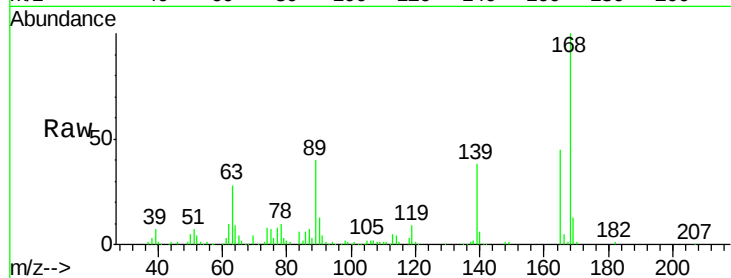




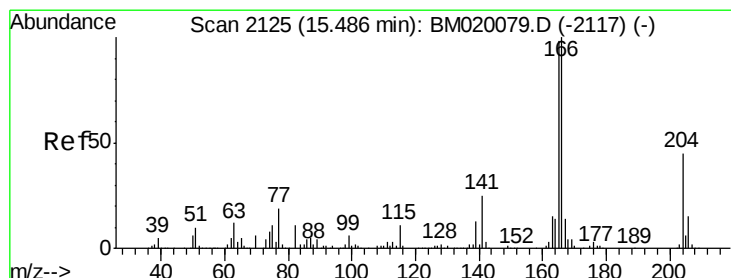
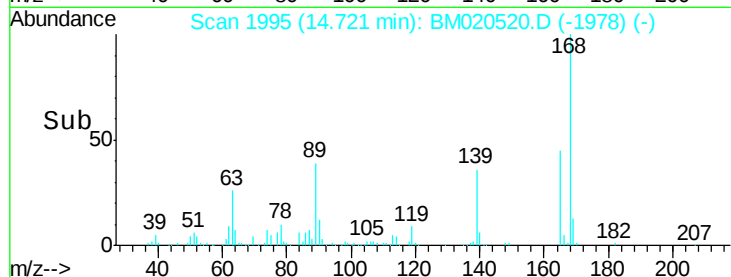
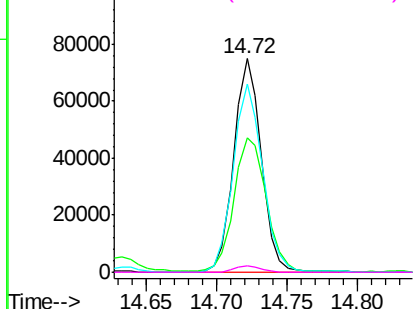
#57
2,4-Dinitrotoluene
Concen: 36.167 ng
RT: 14.72 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion:165 Resp: 101765
Ion Ratio Lower Upper
165 100
63 62.8 46.2 69.2
89 88.2 70.6 105.8
182 3.2 2.2 3.2

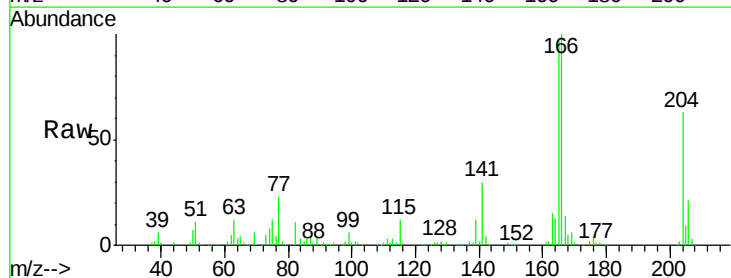


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

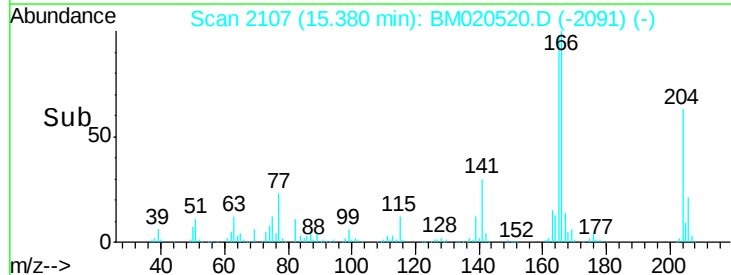
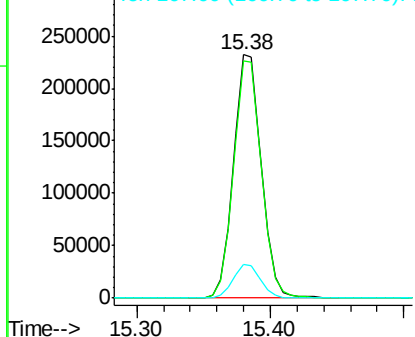


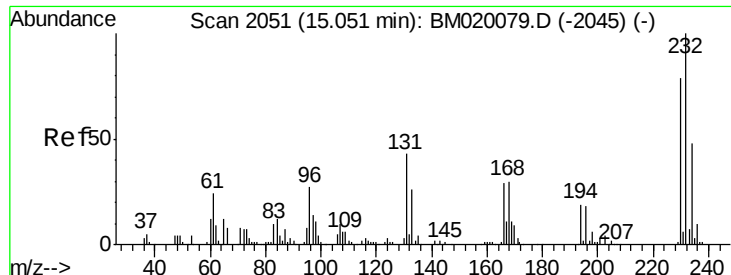
#58
Fluorene
Concen: 34.846 ng
RT: 15.38 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion:166 Resp: 336785
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.8 11.0 16.4



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

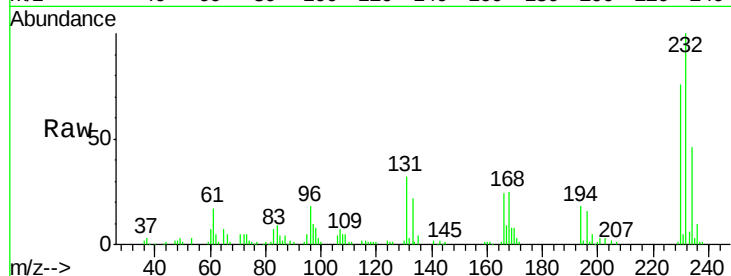




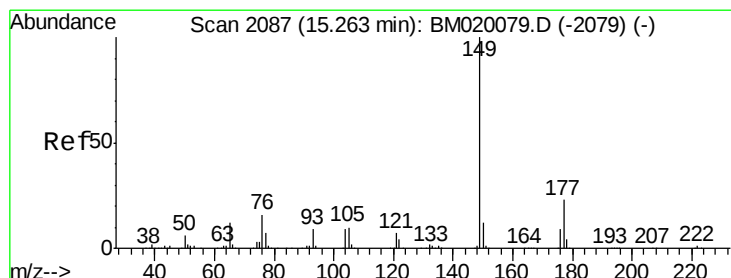
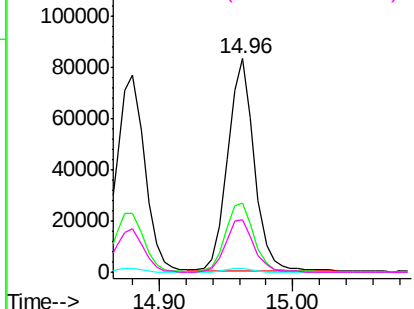
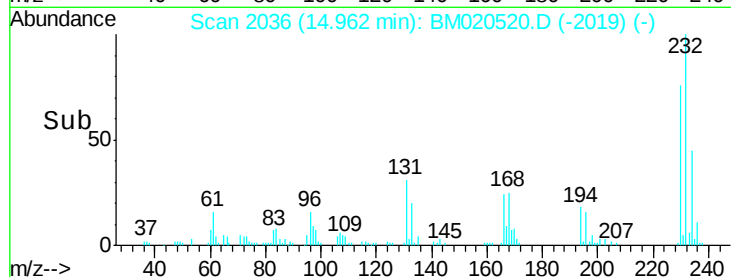
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.223 ng
 RT: 14.96 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion: 232 Resp: 115292
 Ion Ratio Lower Upper
 232 100
 131 35.6 34.2 51.4
 130 1.8 2.0 3.0#
 166 26.3 23.8 35.8

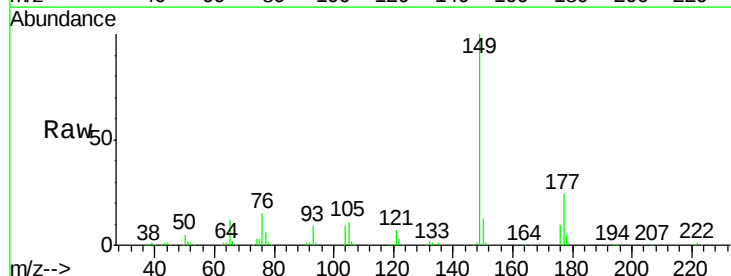


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

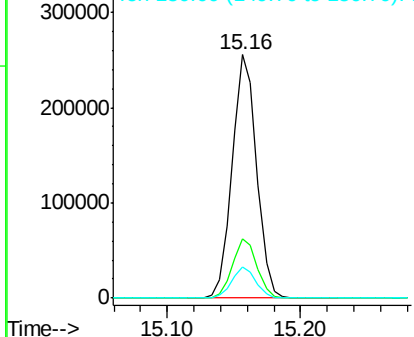
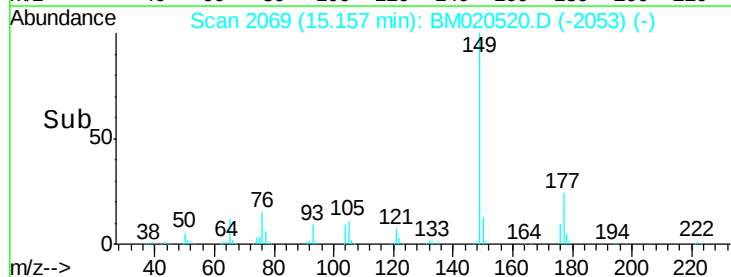


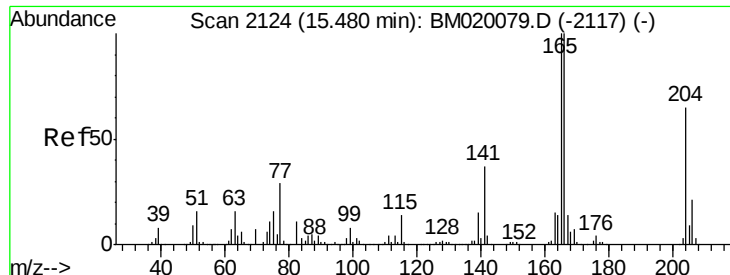
#60
 Diethylphthalate
 Concen: 32.997 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion: 149 Resp: 326846
 Ion Ratio Lower Upper
 149 100
 177 24.4 18.2 27.4
 150 12.6 9.9 14.9



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

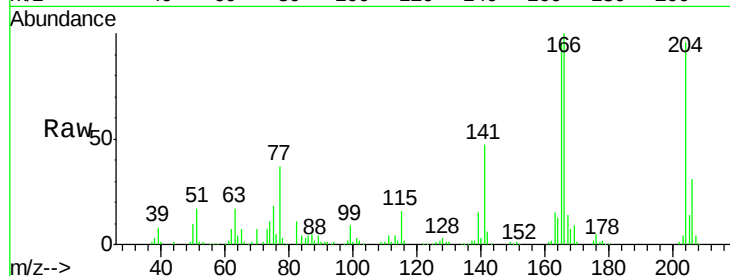




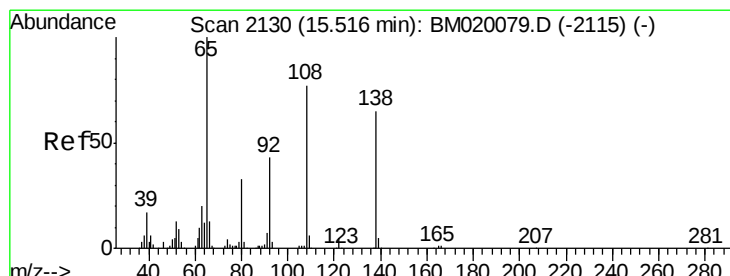
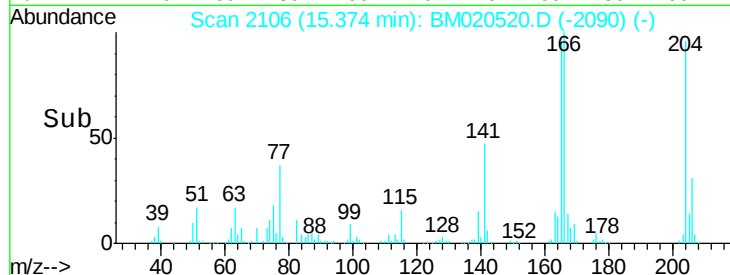
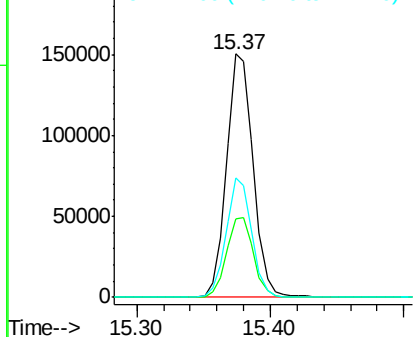
#61
 4-Chlorophenyl-phenylether
 Concen: 38.320 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.6	38.4
141	49.3	46.1	69.1

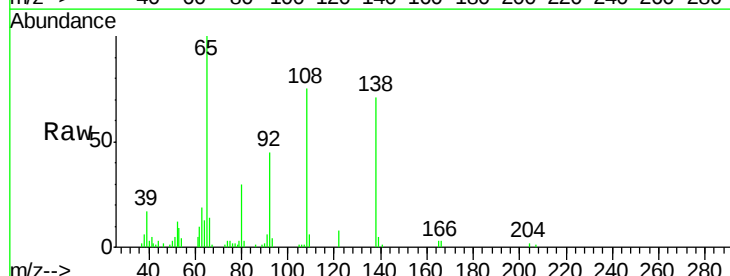


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

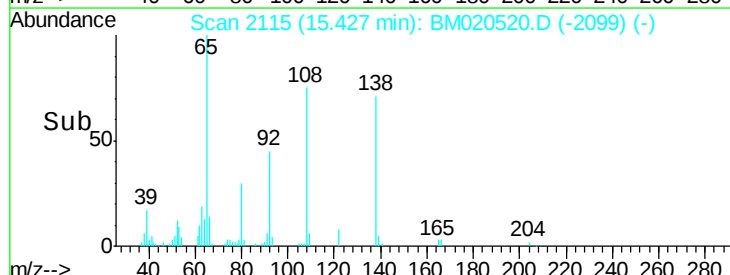
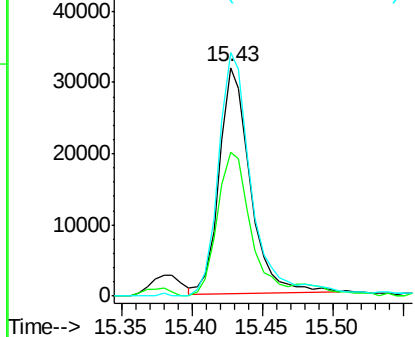


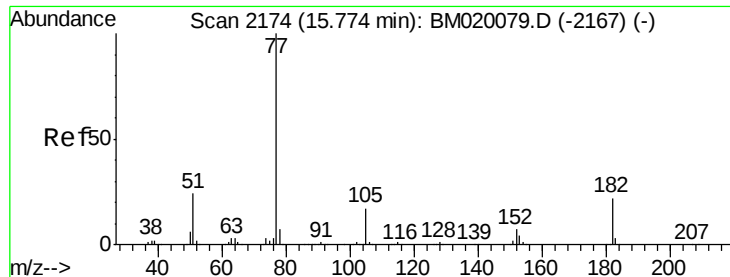
#62
 4-Nitroaniline
 Concen: 22.786 ng
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.0	45.9	85.9
108	106.6	97.7	137.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 30.492 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tgt Ion: 77 Resp: 356308

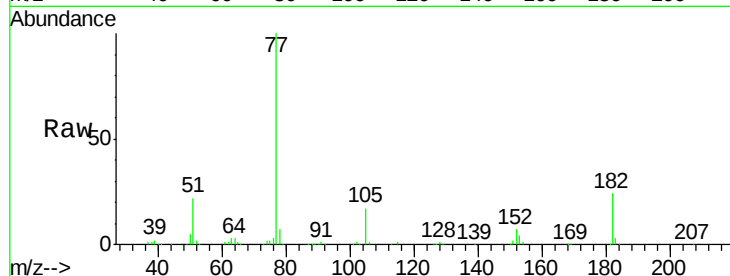
Ion Ratio Lower Upper

77 100

182 24.0 2.1 42.1

105 17.0 0.0 36.8

51 21.5 3.8 43.8

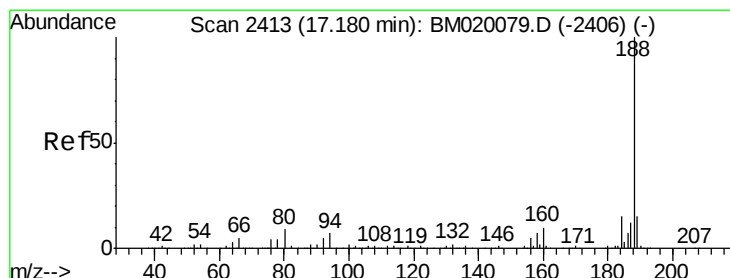
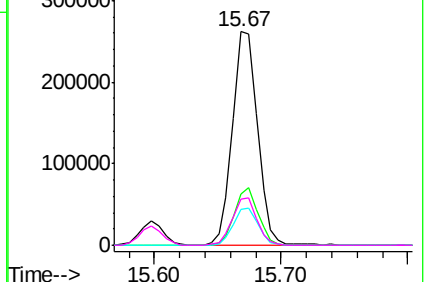
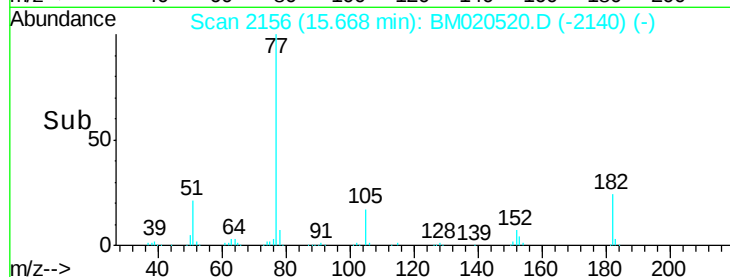


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

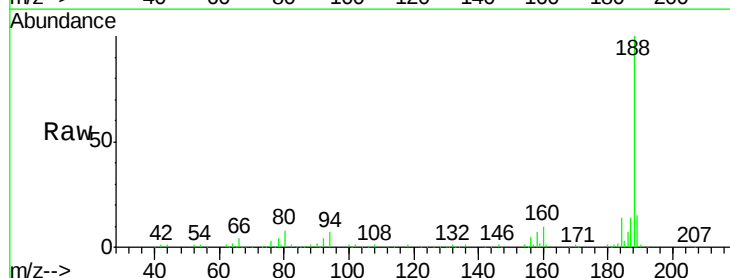
Tgt Ion: 188 Resp: 286074

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

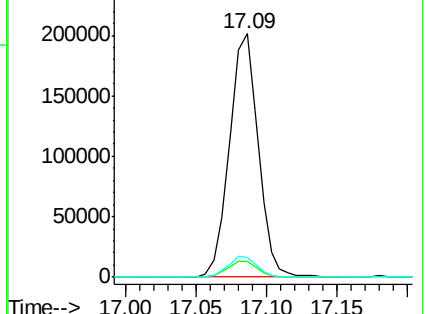
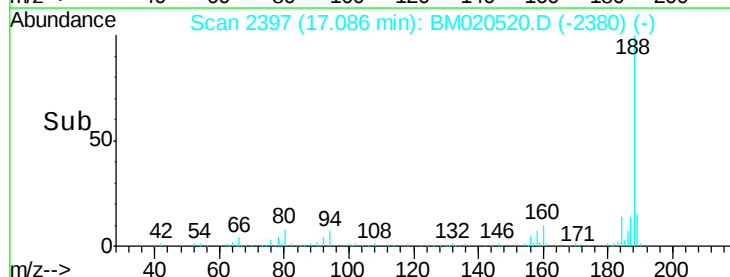
80 8.1 7.4 11.2

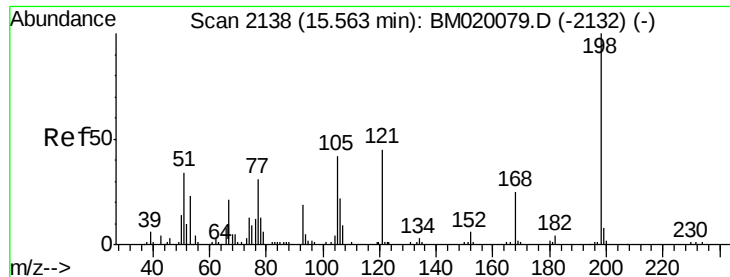


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

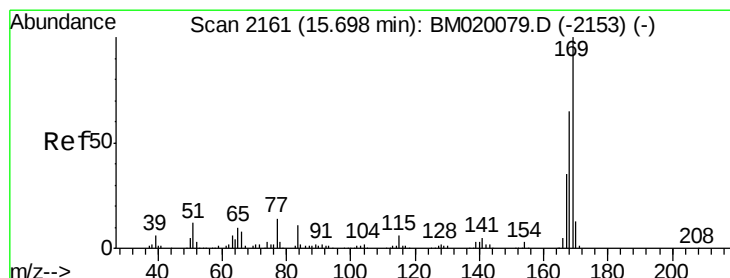
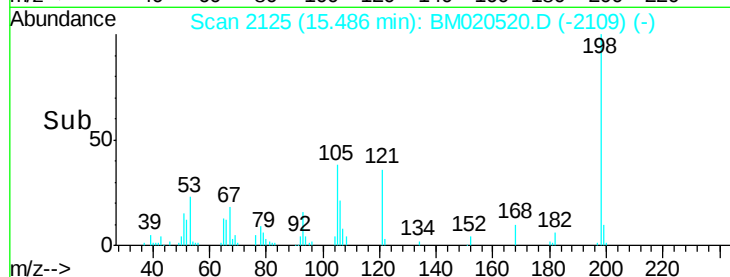
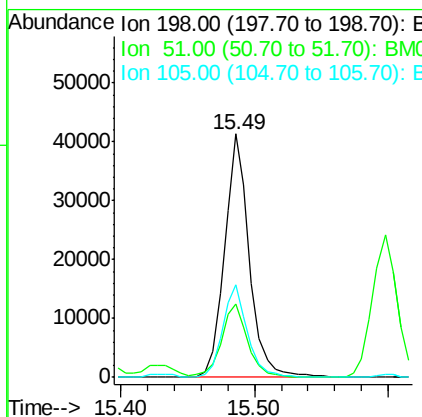
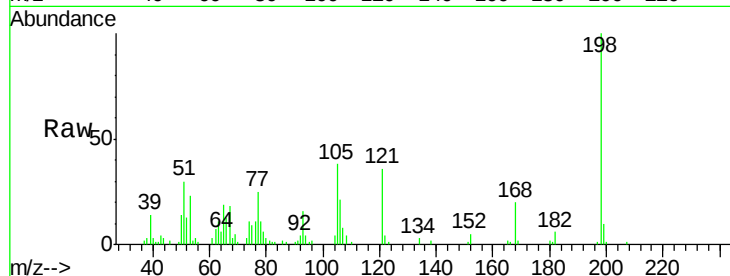




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.787 ng
 RT: 15.49 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

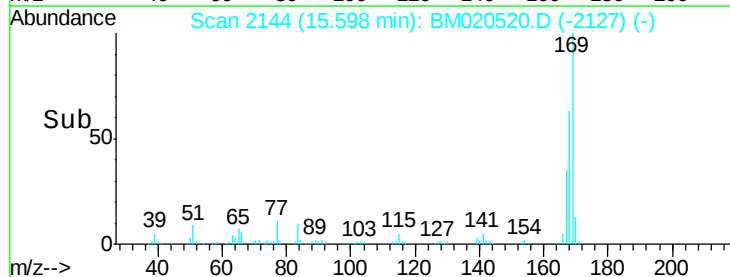
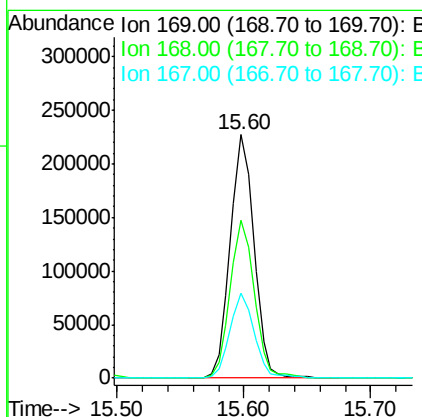
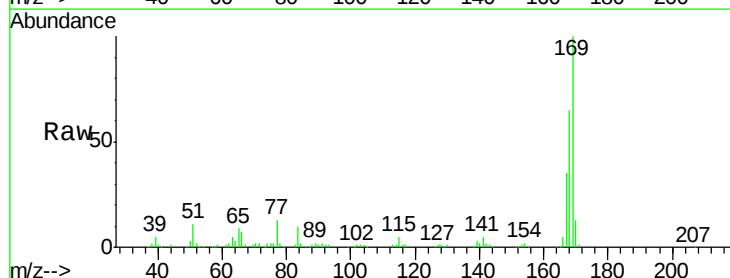
Instrument :
 BNA_M
 ClientSampleID :
 PB119565BS

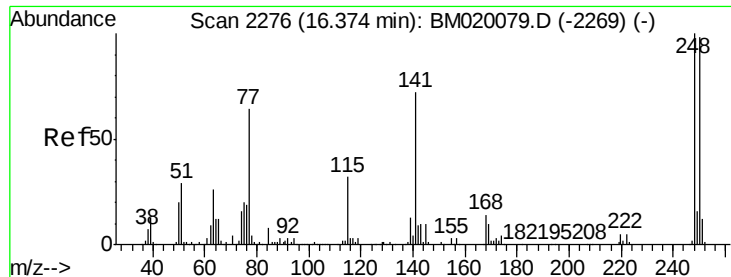
Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.4	16.5	56.5
105	38.1	22.8	62.8



#66
 n-Nitrosodiphenylamine
 Concen: 35.183 ng
 RT: 15.60 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.7	51.9	77.9
167	35.0	27.8	41.6

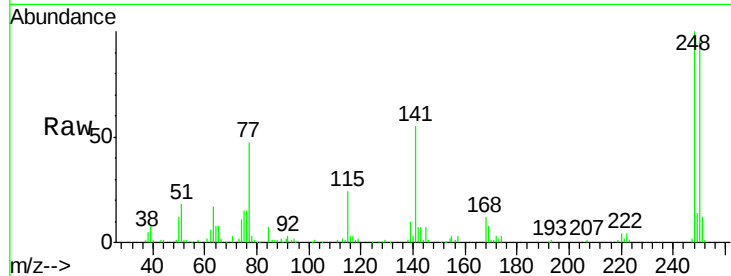




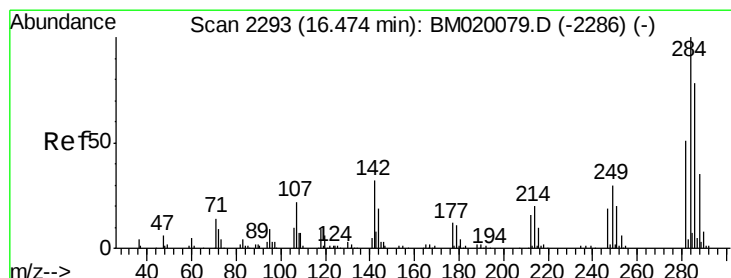
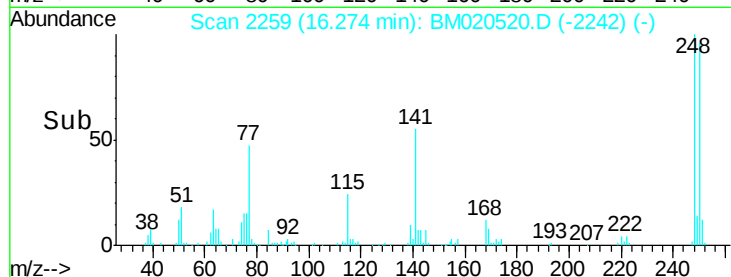
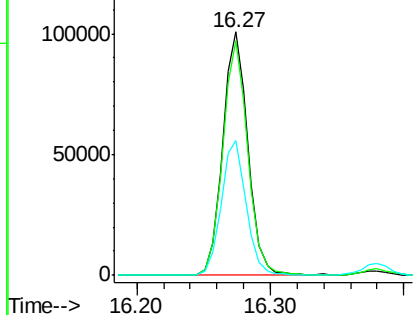
#67
 4-Bromophenyl-phenylether
 Concen: 38.063 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampled :
 PB119565BS

Tgt Ion: 248 Resp: 133524
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.4 117.6
 141 55.4 57.4 86.2#

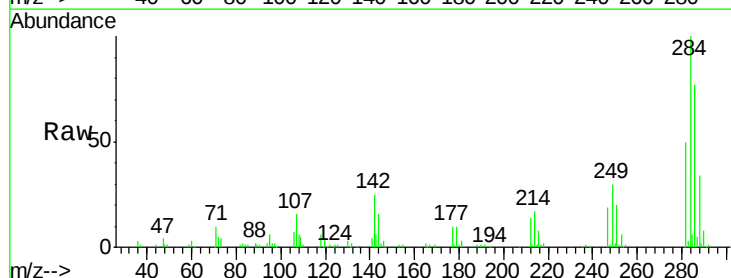


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

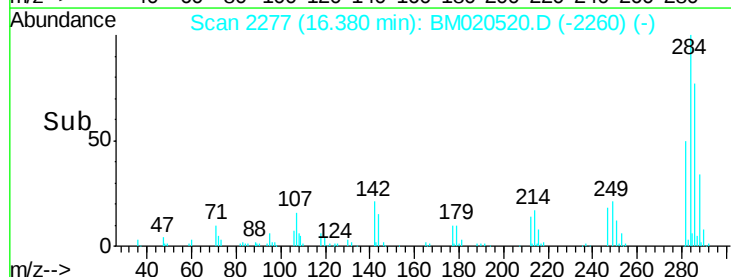
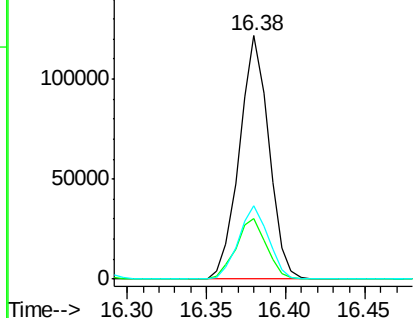


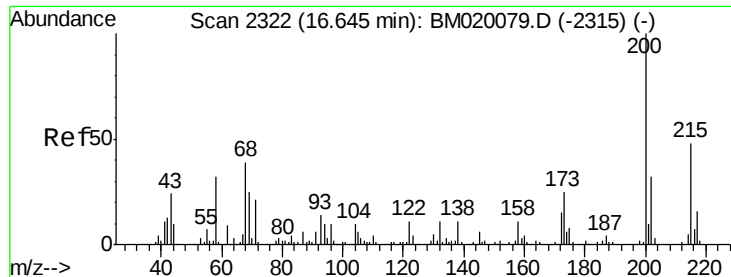
#68
 Hexachlorobenzene
 Concen: 38.950 ng
 RT: 16.38 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion: 284 Resp: 157235
 Ion Ratio Lower Upper
 284 100
 142 25.1 25.2 37.8#
 249 30.4 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

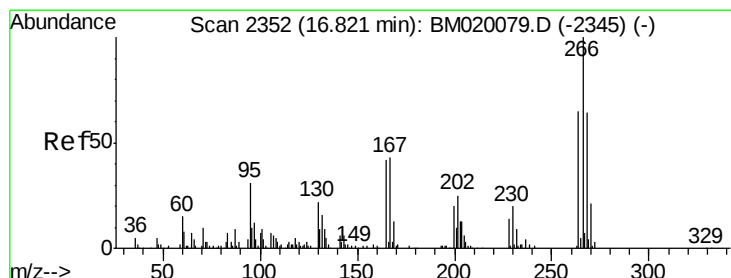
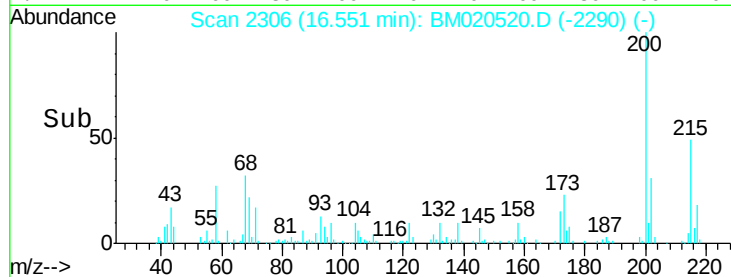
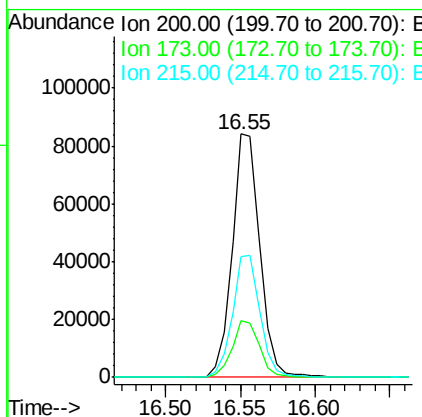
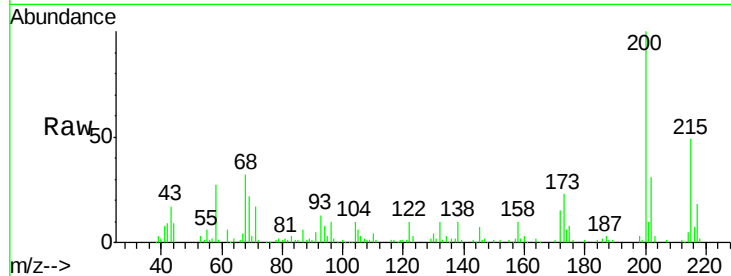




#69
 Atrazine
 Concen: 33.192 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

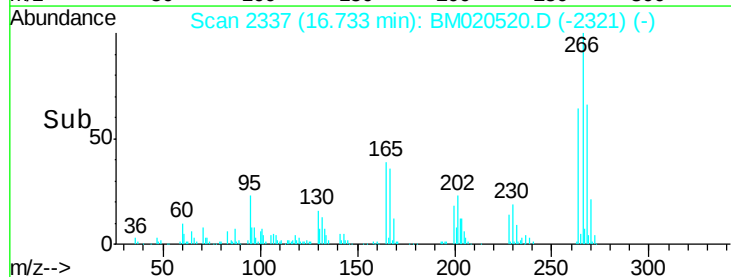
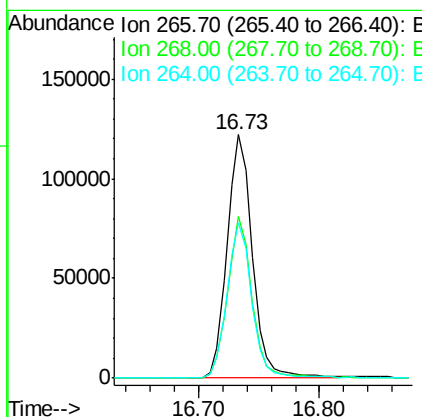
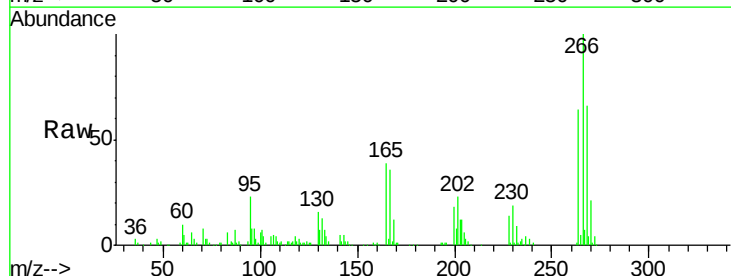
Instrument :
 BNA_M
 ClientSampled :
 PB119565BS

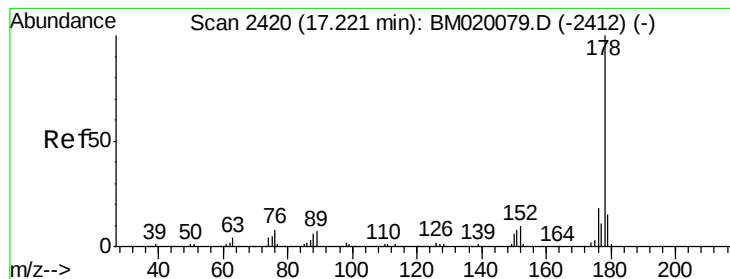
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.1	4.6	44.6
215	49.4	28.0	68.0



#70
 Pentachlorophenol
 Concen: 77.340 ng
 RT: 16.73 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.4	77.0
264	63.6	52.0	78.0





#71

Phenanthrene

Concen: 35.377 ng

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

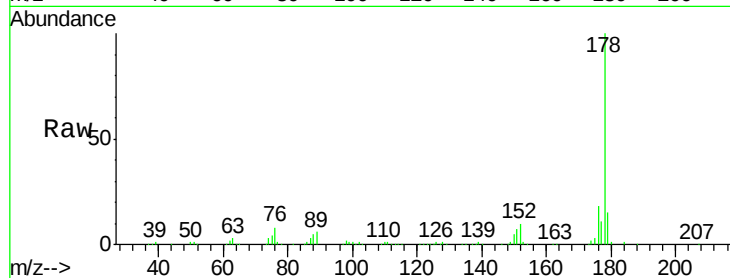
Tgt Ion:178 Resp: 558649

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

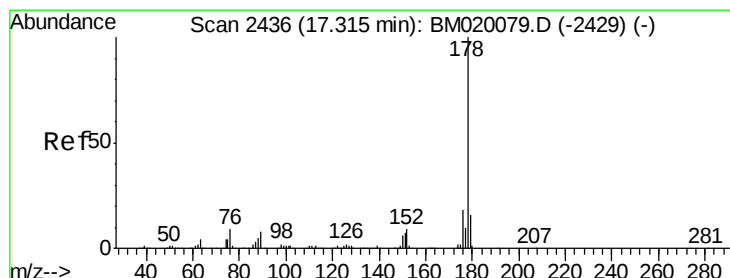
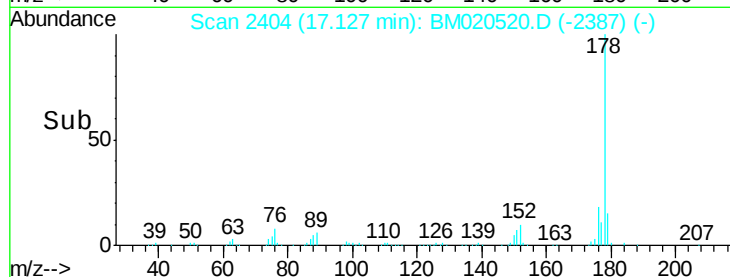
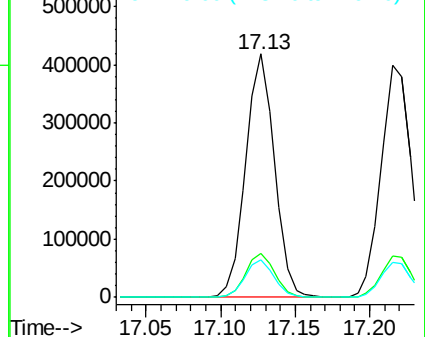
179 15.5 12.4 18.6



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: 35.367 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

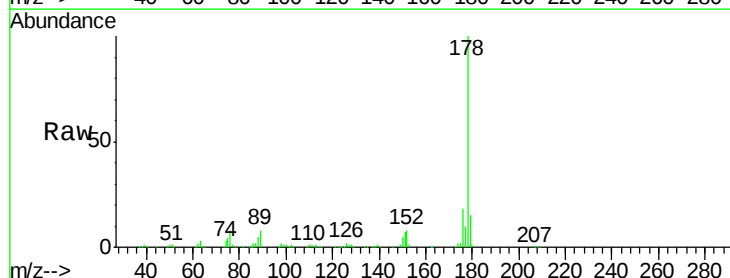
Tgt Ion:178 Resp: 558407

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

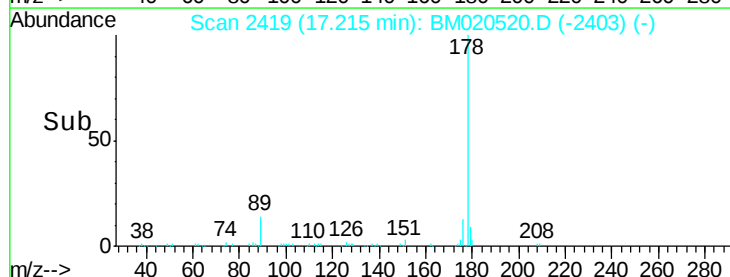
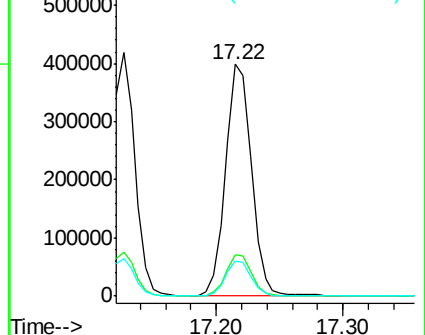
179 15.1 12.4 18.6

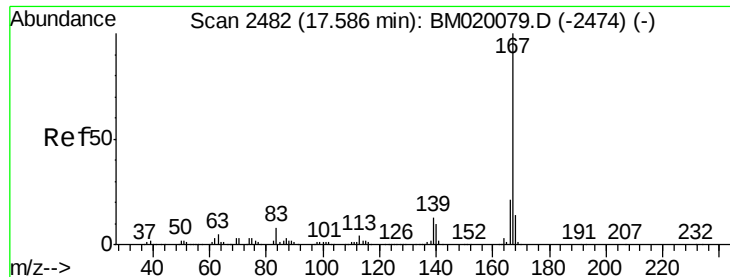


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

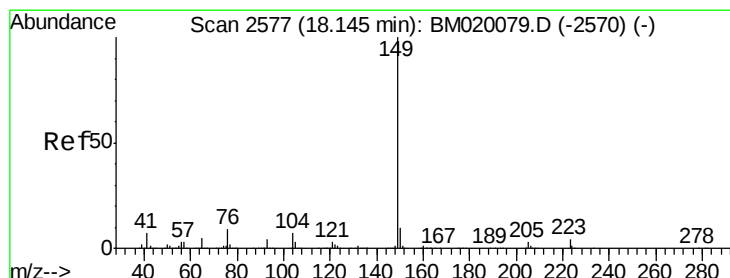
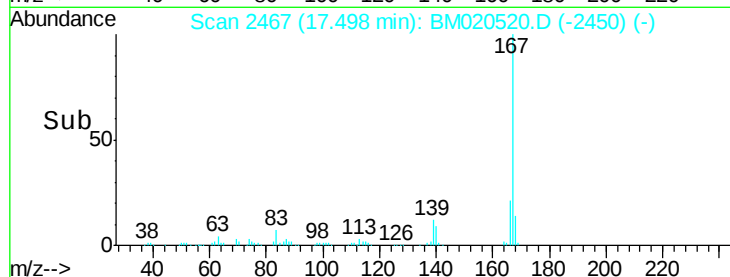
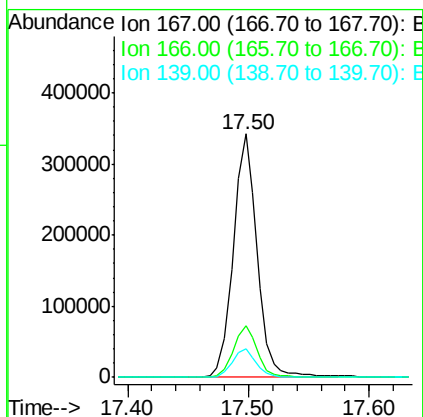
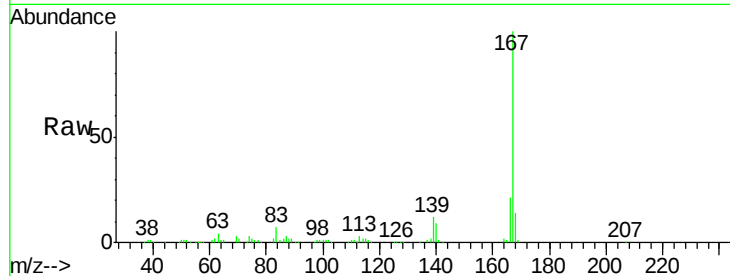




#73
 Carbazole
 Concen: 33.018 ng
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

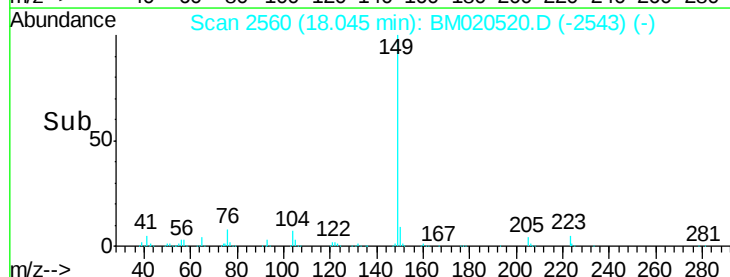
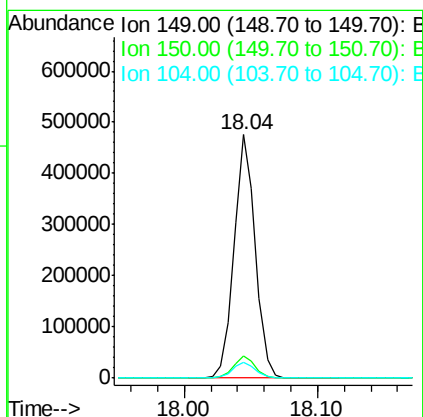
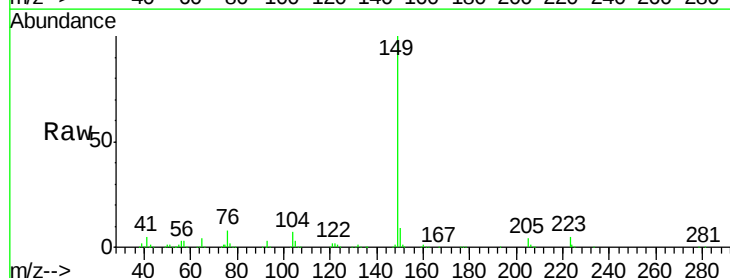
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

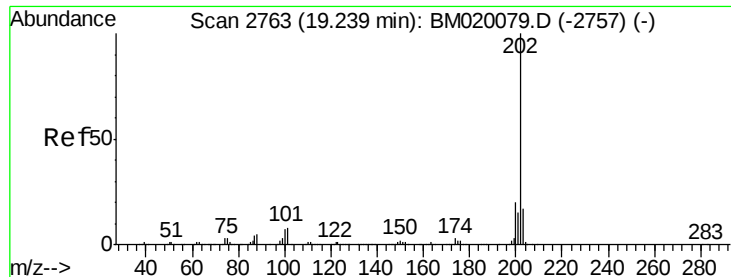
Tgt Ion:167 Resp: 470379
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 11.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 30.607 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion:149 Resp: 524756
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.8 11.6
 104 6.5 5.7 8.5





#75

Fluoranthene

Concen: 35.894 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

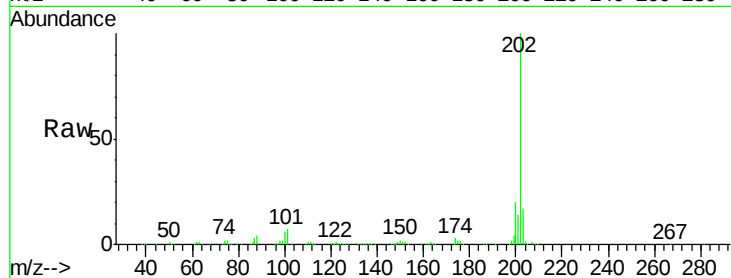
Tgt Ion:202 Resp: 717169

Ion Ratio Lower Upper

202 100

101 6.9 0.0 28.4

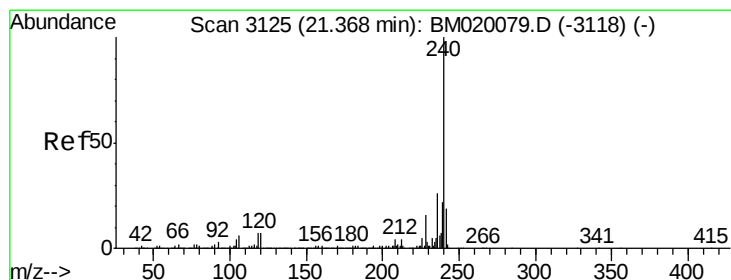
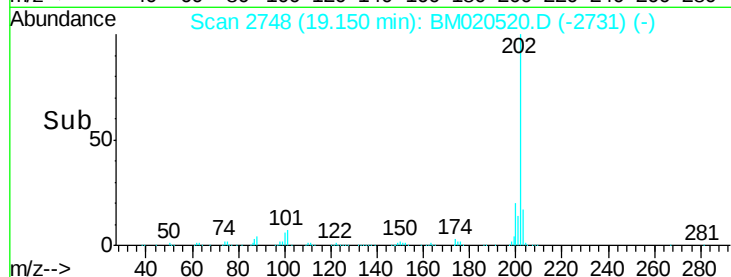
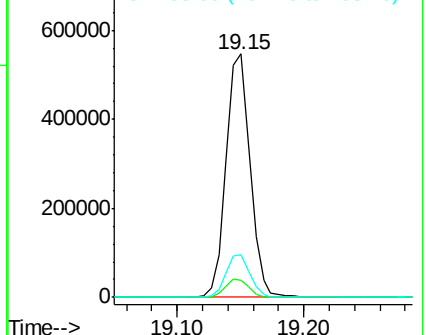
203 17.4 0.0 37.4



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: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

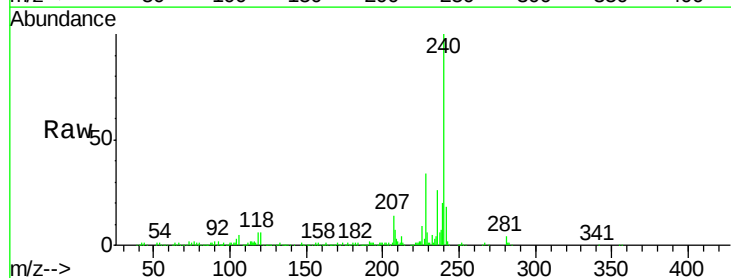
Tgt Ion:240 Resp: 307511

Ion Ratio Lower Upper

240 100

120 6.1 5.6 8.4

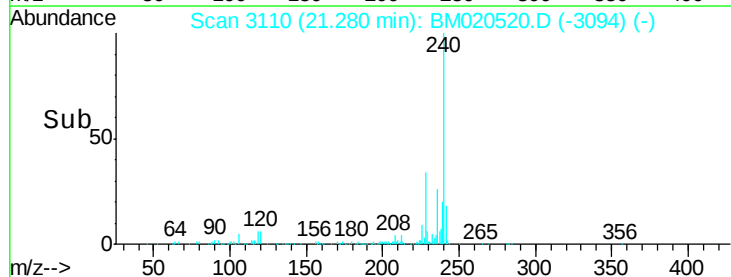
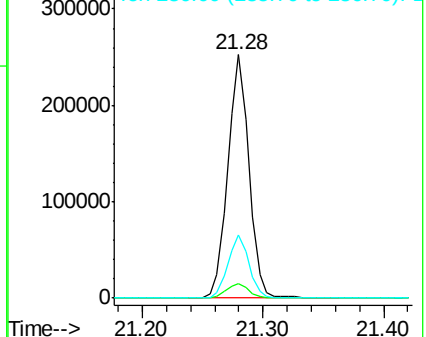
236 25.9 20.9 31.3

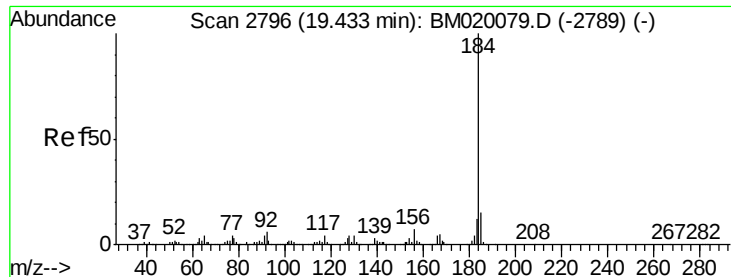


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.866 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

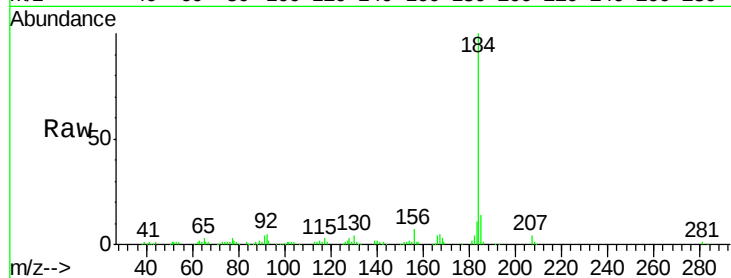
Tgt Ion:184 Resp: 214975

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

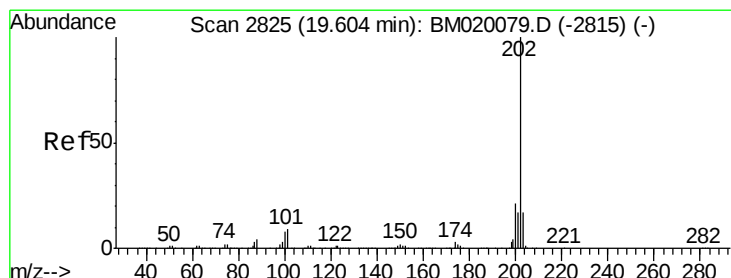
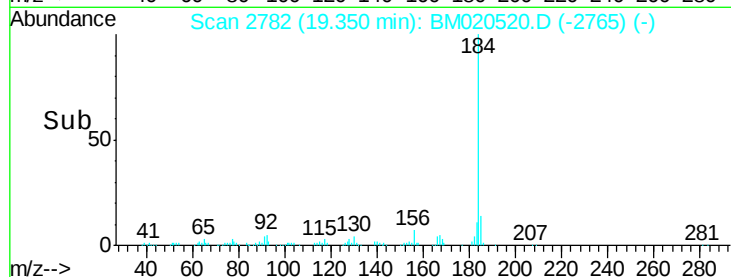
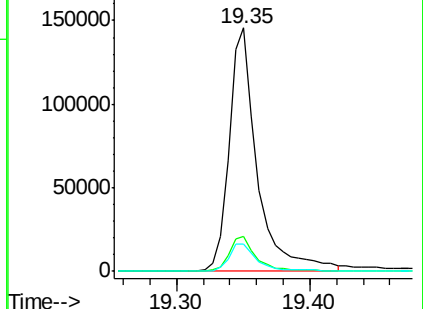
183 11.0 9.5 14.3



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: 35.373 ng

RT: 19.52 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

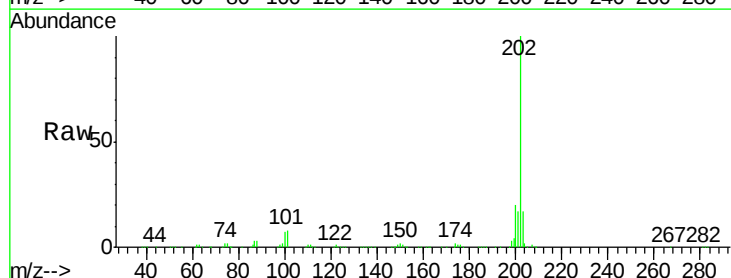
Tgt Ion:202 Resp: 730302

Ion Ratio Lower Upper

202 100

200 19.8 16.5 24.7

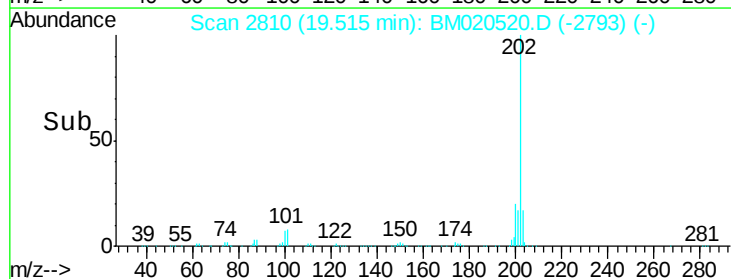
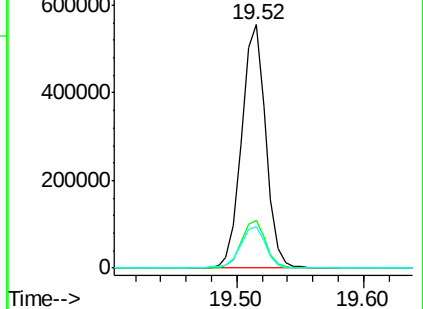
203 17.0 13.9 20.9

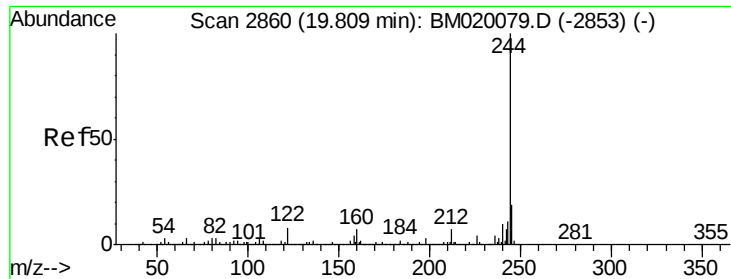


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

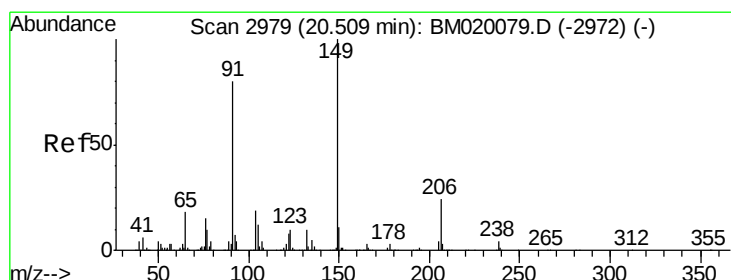
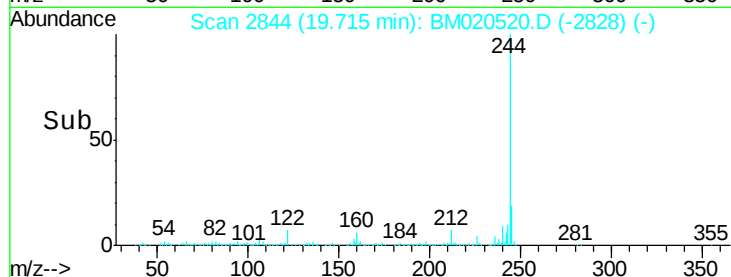
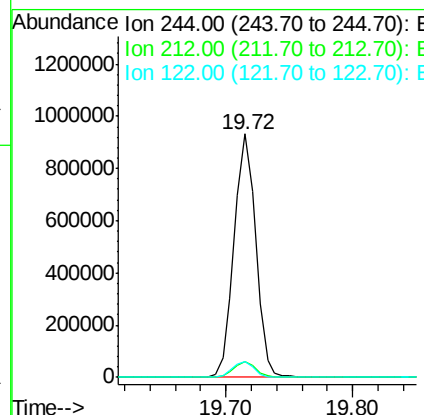
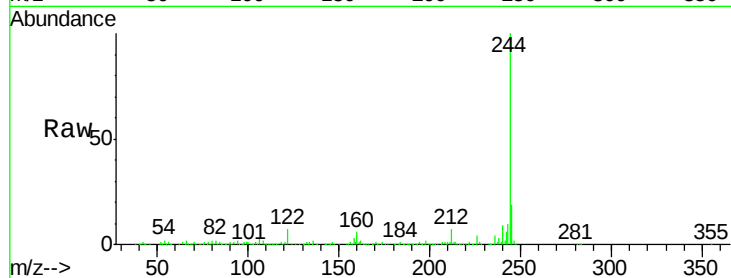




#79
 Terphenyl-d14
 Concen: 62.497 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

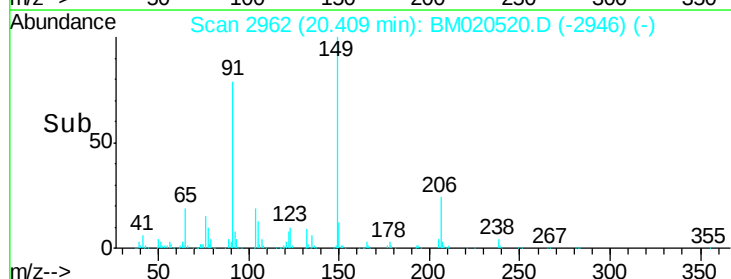
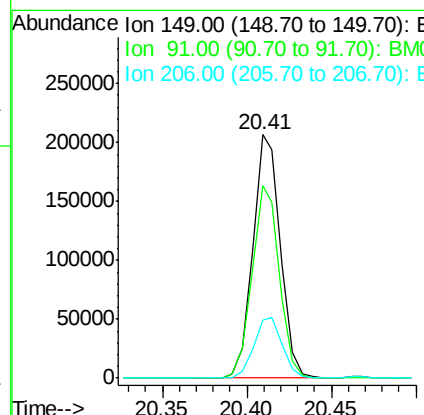
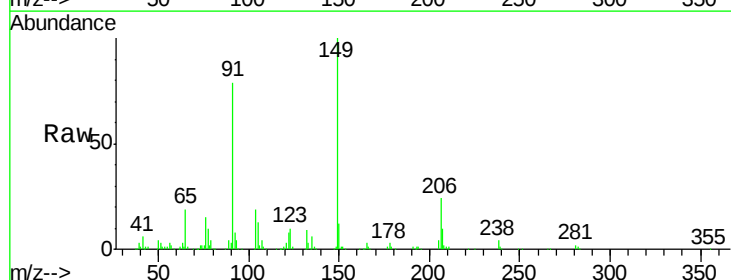
Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

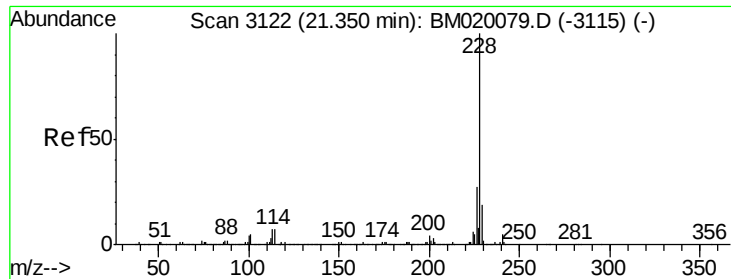
Tgt Ion:244 Resp: 1101845
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 6.6 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 31.178 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion:149 Resp: 234083
 Ion Ratio Lower Upper
 149 100
 91 79.3 63.8 95.8
 206 23.9 18.9 28.3

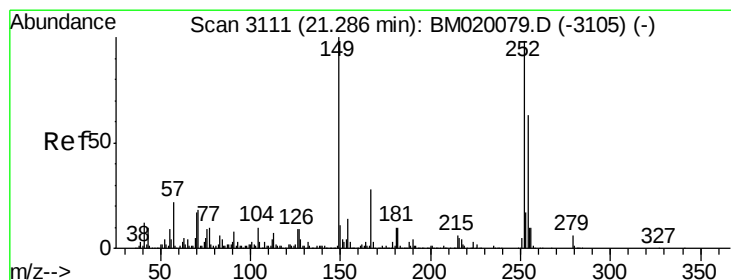
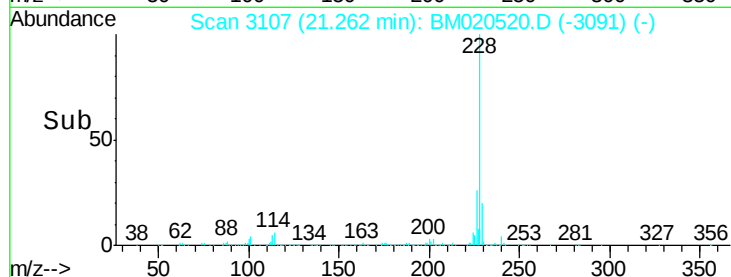
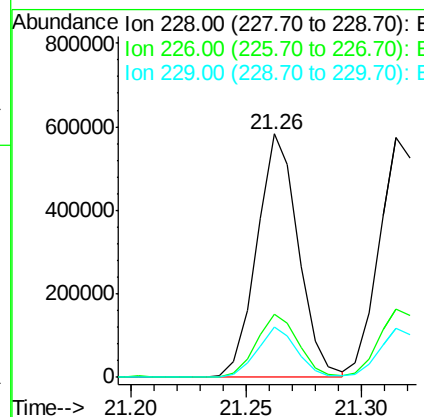
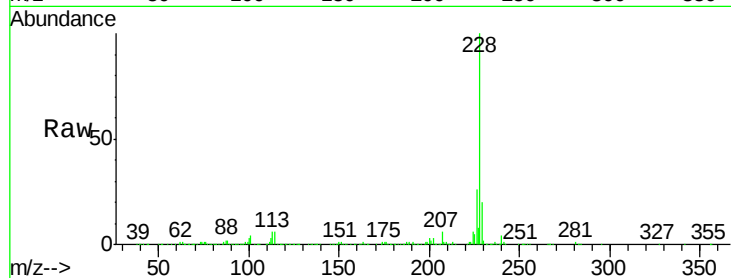




#81
Benzo(a)anthracene
Concen: 33.828 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

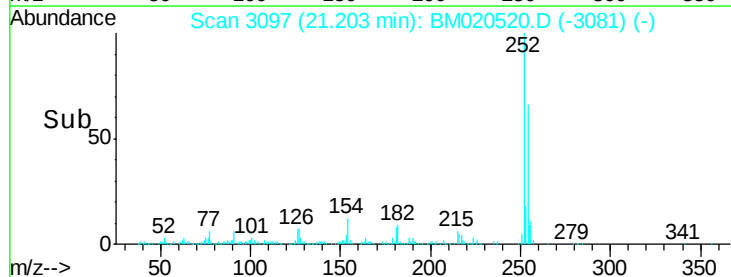
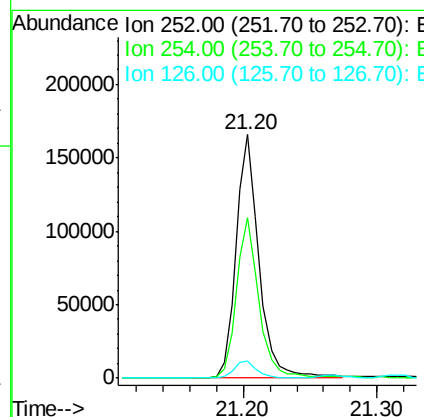
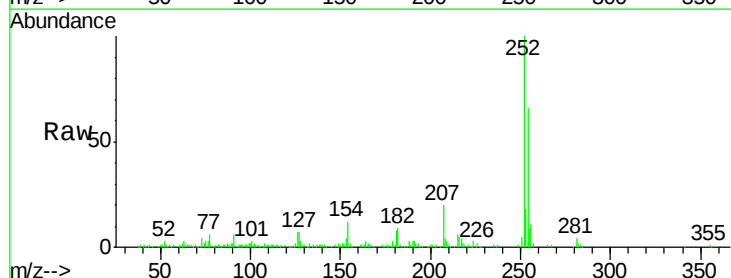
Instrument :
BNA_M
ClientSampleId :
PB119565BS

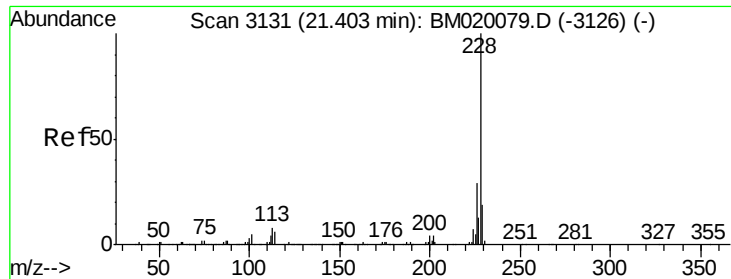
Tgt Ion:	228	Resp:	729523
Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	20.5	15.5	23.3



#82
3,3'-Dichlorobenzidine
Concen: 24.214 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion:	252	Resp:	199301
Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	6.9	7.1	10.7#





#83

Chrysene

Concen: 34.890 ng

RT: 21.31 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

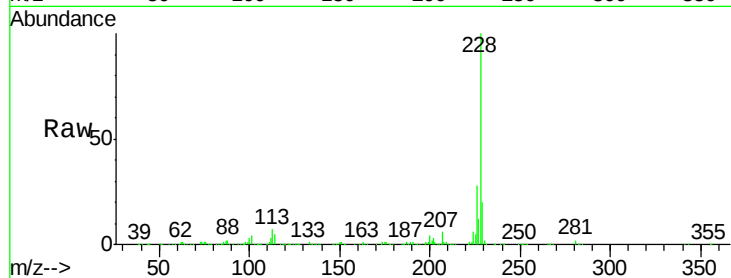
BNA_M

ClientSampleId :

PB119565BS

Tgt Ion:228 Resp: 729719

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.6
229	20.3	15.5	23.3

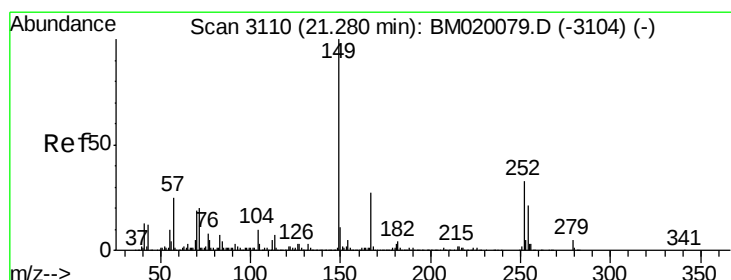
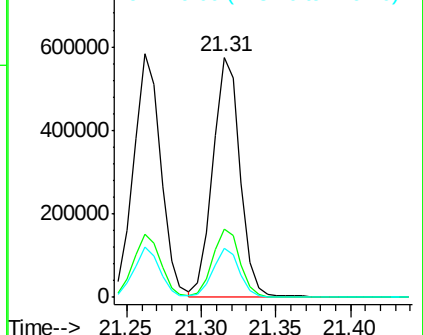
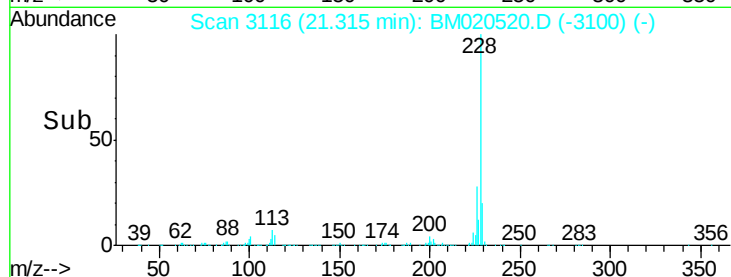


Abundance

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: 30.308 ng

RT: 21.18 min Scan# 3093

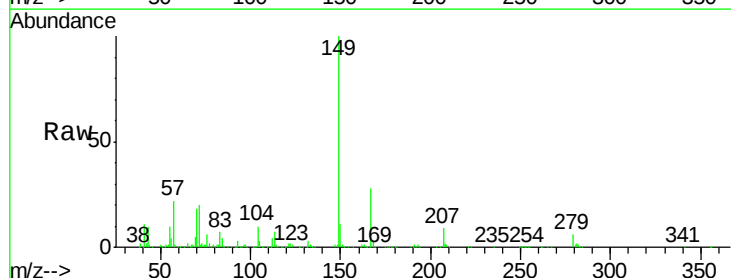
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:149 Resp: 353096

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	5.7	4.2	6.2

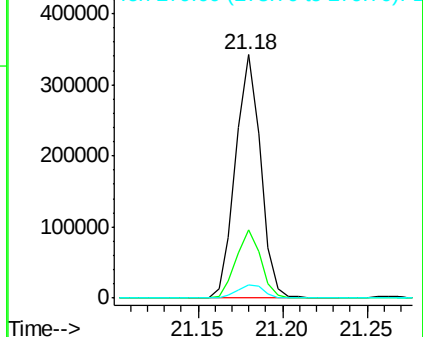
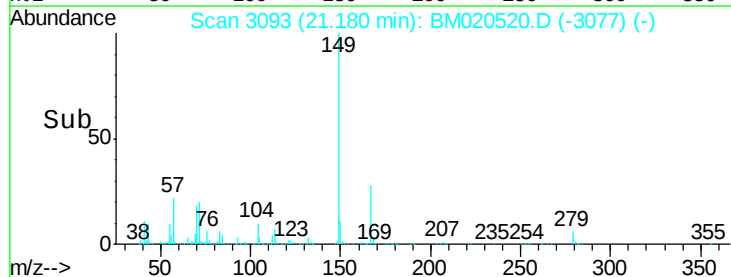


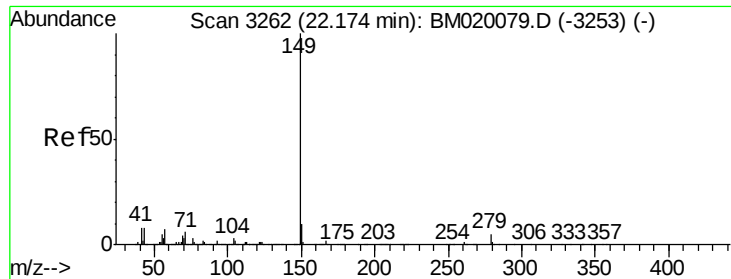
Abundance

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: 32.483 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

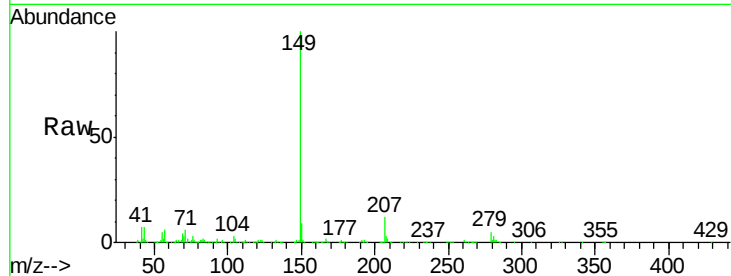
Tgt Ion:149 Resp: 628992

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9#

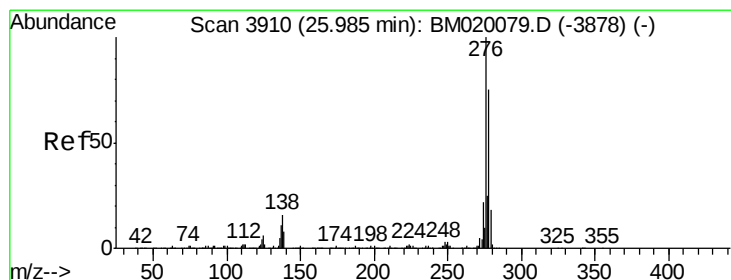
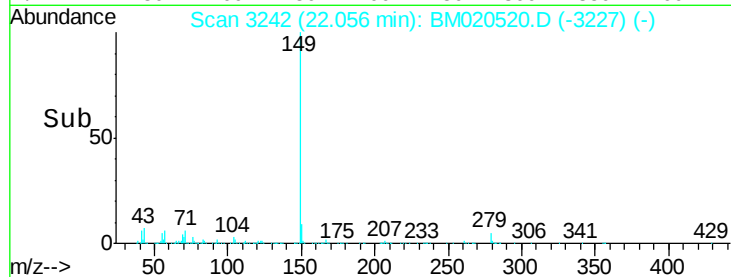
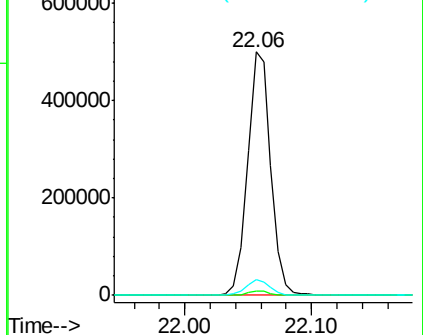
43 6.3 6.5 9.7#



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: 39.998 ng

RT: 25.81 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

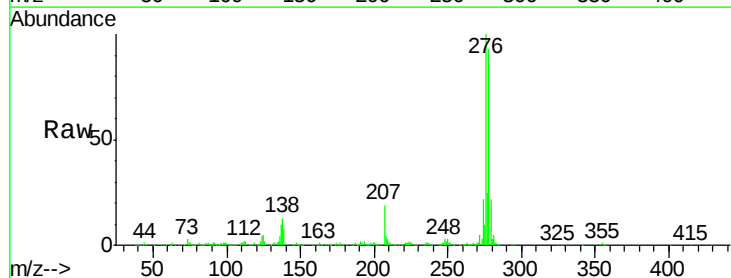
Tgt Ion:276 Resp: 995058

Ion Ratio Lower Upper

276 100

138 13.7 0.0 0.0#

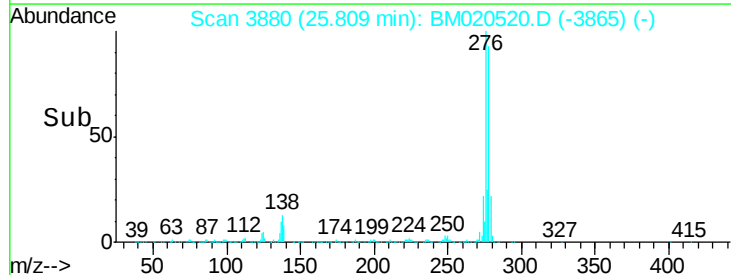
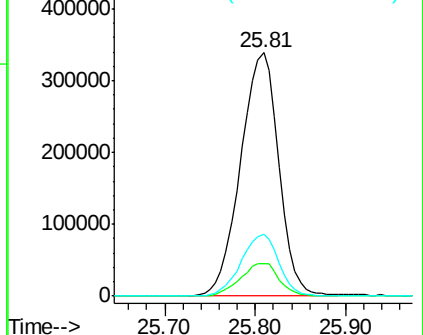
277 25.4 0.0 0.0#

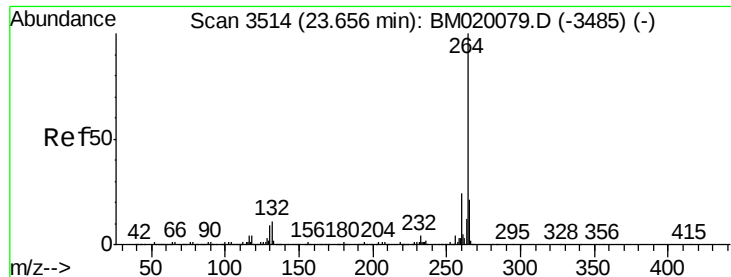


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



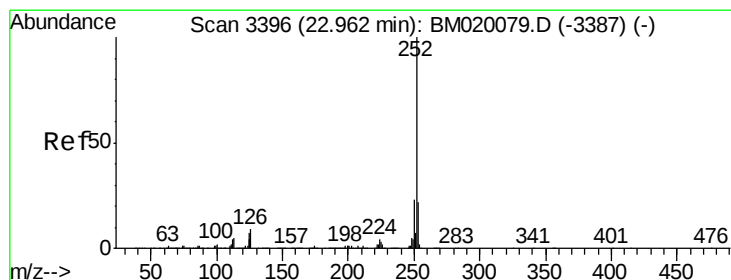
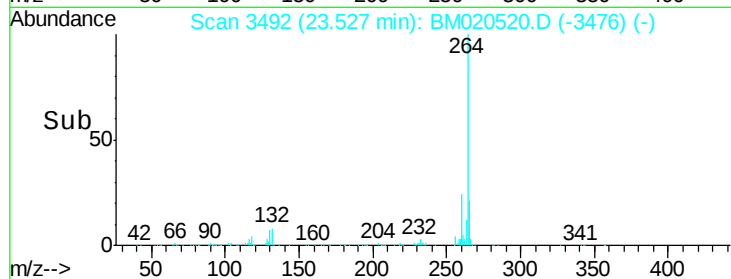
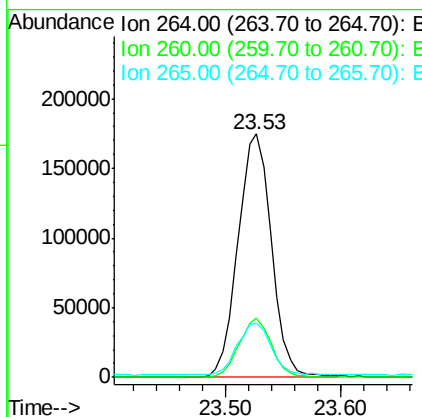
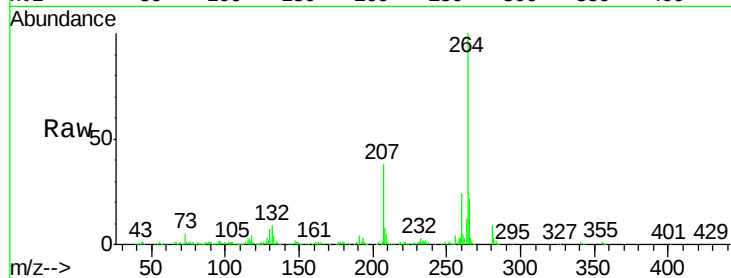


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion: 264 Resp: 351888

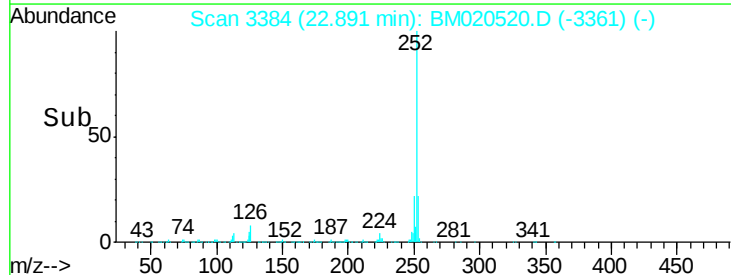
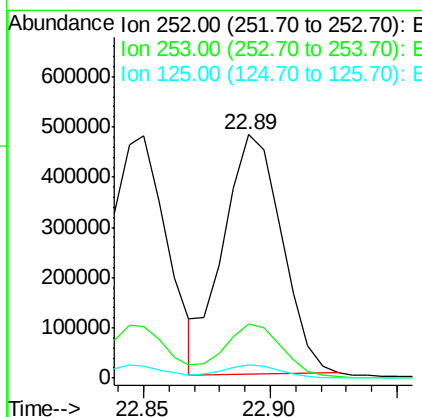
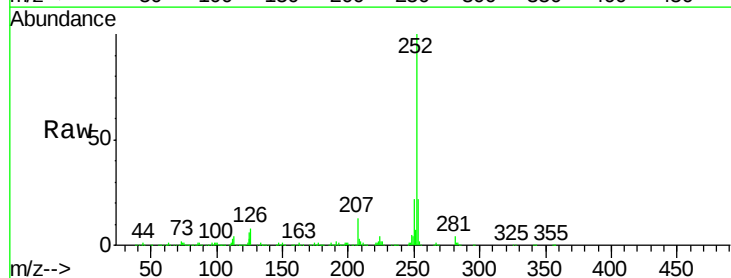
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	16.9	25.3

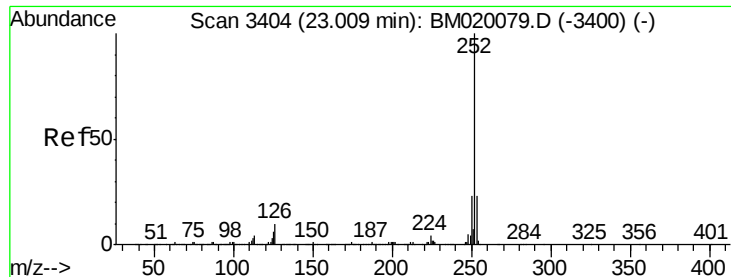


#88
Benzo(b)fluoranthene
Concen: 32.985 ng
RT: 22.89 min Scan# 3384
Delta R.T. 0.04 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion: 252 Resp: 766466

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	5.5	5.4	8.2

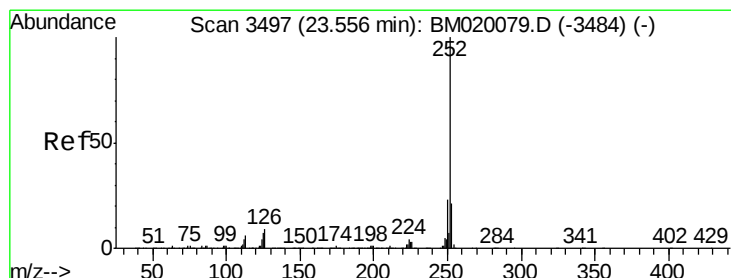
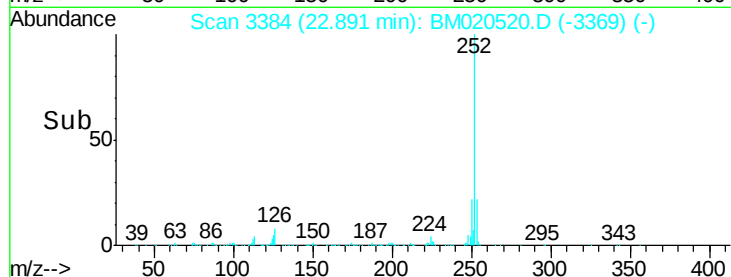
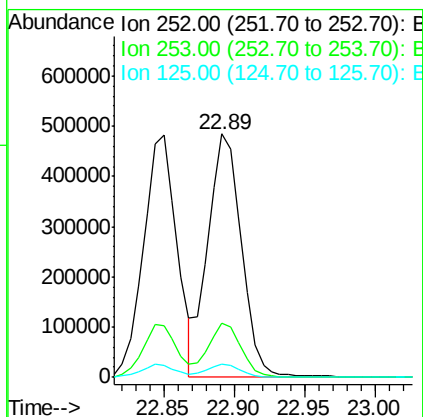
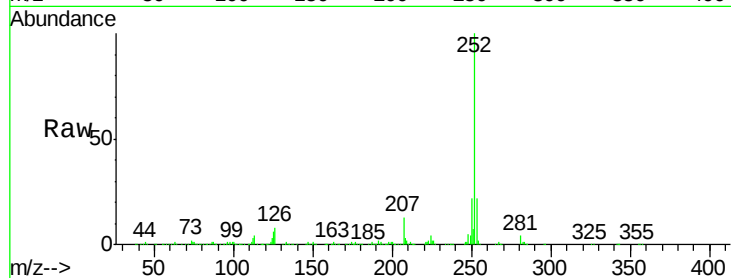




#89
Benzo(k)fluoranthene
Concen: 37.412 ng
RT: 22.89 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

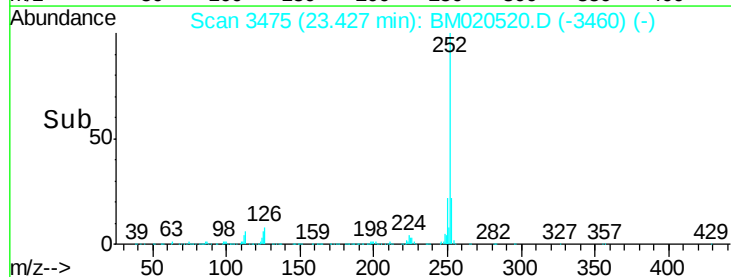
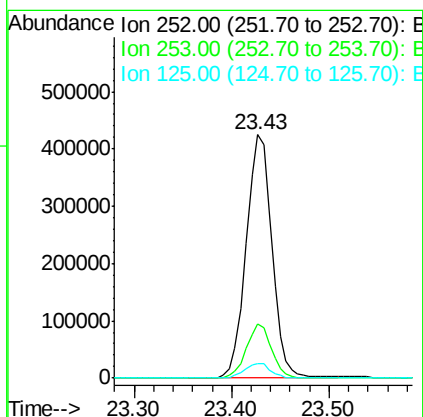
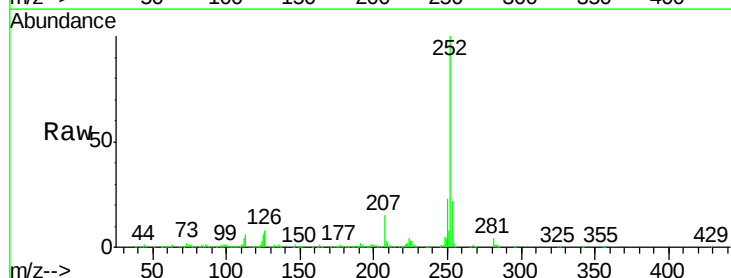
Instrument :
BNA_M
ClientSampleId :
PB119565BS

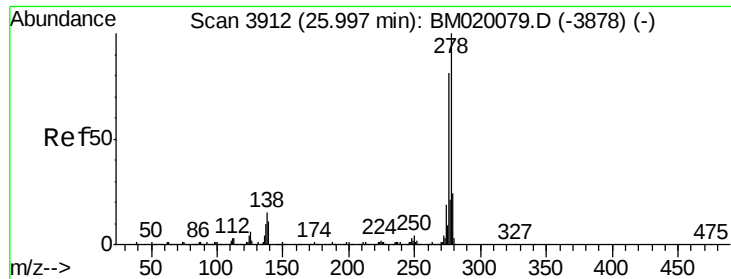
Tgt Ion: 252 Resp: 793006
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.5 5.4 8.0



#90
Benzo(a)pyrene
Concen: 36.960 ng
RT: 23.43 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion: 252 Resp: 780109
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 6.2 5.5 8.3

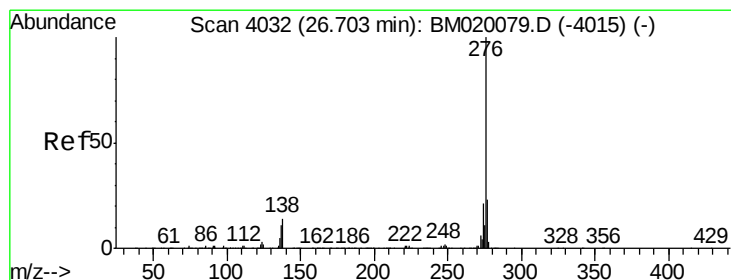
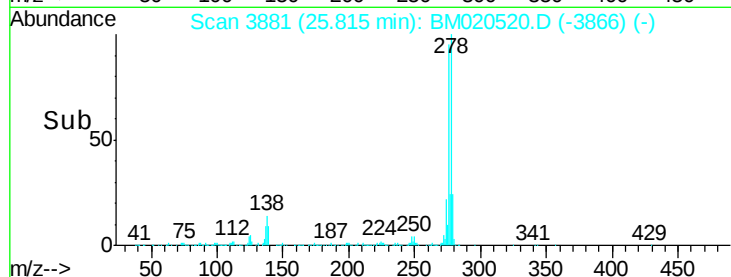
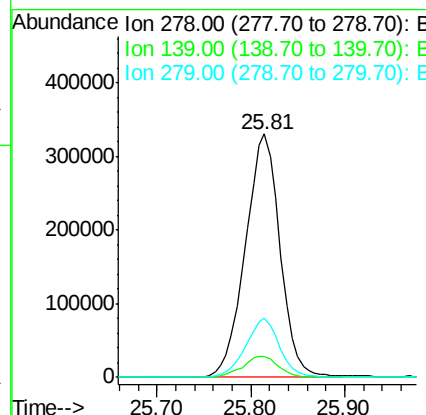
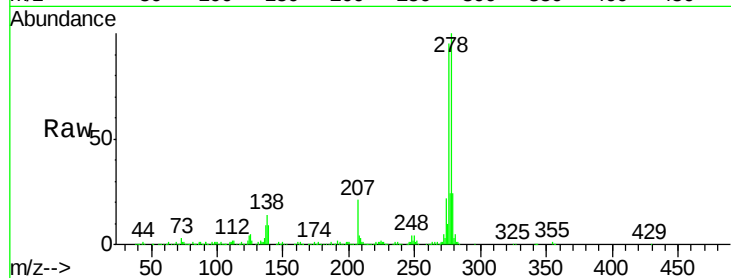




#91
Dibenzo(a,h)anthracene
Concen: 38.486 ng
RT: 25.81 min Scan# 3881
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tgt Ion: 278 Resp: 844766
Ion Ratio Lower Upper
278 100
139 8.8 8.6 13.0
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.217 ng
RT: 26.50 min Scan# 3998
Delta R.T. -0.02 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion: 276 Resp: 838096
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 11.4 11.1 16.7

