

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050819\
 Data File : BM020196.D
 Acq On : 08 May 2019 15:55
 Operator : JU/SJ
 Sample : PB119532BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Quant Time: May 09 02:06:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1690645	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	6183170	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	3541451	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	7644229	20.00	ng	0.00
76) Chrysene-d12	21.37	240	7227050	20.00	ng	0.00
87) Perylene-d12	23.67	264	8818108	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1303784	12.61	ng	0.00
7) Phenol-d6	6.96	99	1713466	12.13	ng	0.00
23) Nitrobenzene-d5	8.95	82	1063770	6.79	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	662040	12.04	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1997298	6.94	ng	-0.01
79) Terphenyl-d14	19.80	244	2859376	6.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	152433	3.005	ng	95
3) Pyridine	3.70	79	396335	3.055	ng	95
4) n-Nitrosodimethylamine	3.62	42	140385	3.374	ng	# 76
6) Aniline	7.12	93	469803	2.641	ng	99
8) 2-Chlorophenol	7.35	128	399189	3.545	ng	98
10) Phenol	6.99	94	533716	3.509	ng	90
11) bis(2-Chloroethyl)ether	7.22	93	402426	3.640	ng	96
12) 1,3-Dichlorobenzene	7.67	146	463056	3.534	ng	94
13) 1,4-Dichlorobenzene	7.82	146	465587	3.517	ng	95
14) 1,2-Dichlorobenzene	8.13	146	442281	3.507	ng	98
15) Benzyl Alcohol	8.03	79	435121	3.194	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.31	45	300722	3.280	ng	98
17) 2-Methylphenol	8.23	107	336530	3.437	ng	97
18) Hexachloroethane	8.86	117	187028	3.389	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	381506	3.156	ng	95
20) 3+4-Methylphenols	8.56	107	444687	3.417	ng	96
22) Acetophenone	8.62	105	622739	3.685	ng	# 96
24) Nitrobenzene	9.00	77	562159	3.462	ng	95
25) Isophorone	9.52	82	944325	3.496	ng	99
26) 2-Nitrophenol	9.70	139	215383	4.393	ng	97
27) 2,4-Dimethylphenol	9.76	122	340984	4.178	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	518018	3.522	ng	99
29) 2,4-Dichlorophenol	10.23	162	381109	3.703	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	467437	3.691	ng	98
31) Naphthalene	10.63	128	1143853	3.565	ng	99
32) Benzoic acid	9.90	122	219068	9.863	ng	# 88
33) 4-Chloroaniline	10.75	127	276271	2.092	ng	97
34) Hexachlorobutadiene	10.89	225	310737	3.469	ng	100
35) Caprolactam	11.55	113	74098	2.408	ng	98
36) 4-Chloro-3-methylphenol	11.87	107	394402	3.261	ng	92
37) 2-Methylnaphthalene	12.25	142	828060	3.540	ng	98
38) 1-Methylnaphthalene	12.46	142	787539	3.443	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	523363	3.777	ng	99
41) Hexachlorocyclopentadiene	12.57	237	588050	7.208	ng	98

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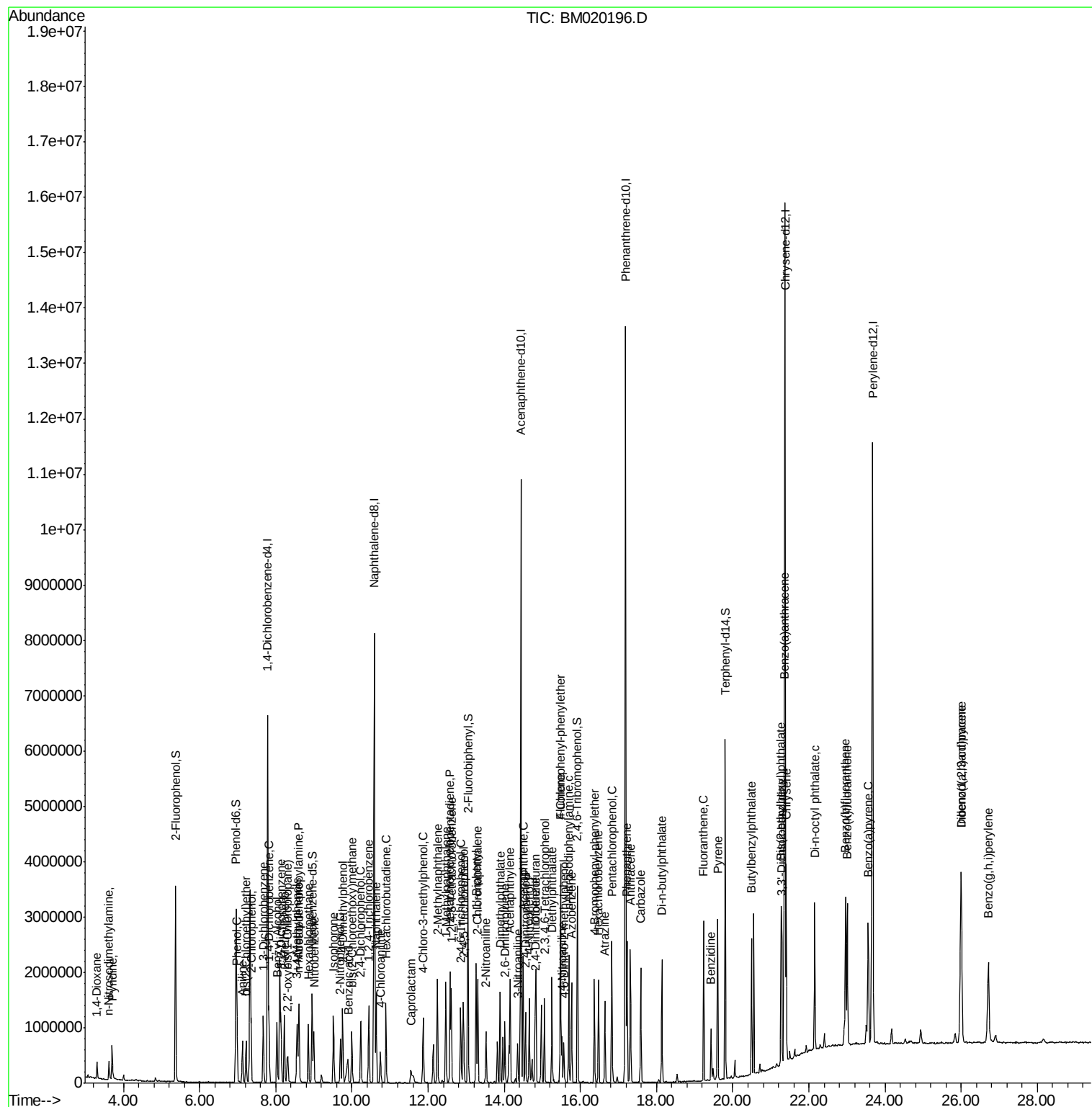
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43) 2,4,6-Trichlorophenol	12.86	196	323998	4.115	ng	97
44) 2,4,5-Trichlorophenol	12.93	196	337079	3.832	ng	97
46) 1,1'-Biphenyl	13.26	154	1059956	3.636	ng	97
47) 2-Chloronaphthalene	13.30	162	852075	3.661	ng	98
48) 2-Nitroaniline	13.52	65	283127	3.417	ng	91
49) Acenaphthylene	14.15	152	1277517	3.430	ng	99
50) Dimethylphthalate	13.89	163	1015839	3.375	ng	99
51) 2,6-Dinitrotoluene	14.02	165	219665	3.465	ng	88
52) Acenaphthene	14.50	154	747876	3.501	ng	99
53) 3-Nitroaniline	14.35	138	150049	2.550	ng	99
54) 2,4-Dinitrophenol	14.56	184	261236	15.827	ng	89
55) Dibenzofuran	14.83	168	1231801	3.419	ng	97
56) 4-Nitrophenol	14.66	139	326214	6.498	ng	91
57) 2,4-Dinitrotoluene	14.80	165	297414	3.453	ng	95
58) Fluorene	15.48	166	969088	3.275	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.06	232	305626	3.656	ng	96
60) Diethylphthalate	15.25	149	959344	3.164	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	562392	3.354	ng	95
62) 4-Nitroaniline	15.52	138	191669	2.952	ng	96
63) Azobenzene	15.77	77	1085628	3.035	ng	97
65) 4,6-Dinitro-2-methylphenol	15.57	198	158503	10.658	ng	93
66) n-Nitrosodiphenylamine	15.69	169	844884	3.756	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	341650	3.645	ng	95
68) Hexachlorobenzene	16.47	284	390174	3.617	ng	97
69) Atrazine	16.64	200	287006	3.265	ng	99
70) Pentachlorophenol	16.83	266	465216	7.538	ng	98
71) Phenanthrene	17.23	178	1472249	3.489	ng	99
72) Anthracene	17.31	178	1477285	3.502	ng	100
73) Carbazole	17.59	167	1264431	3.322	ng	99
74) Di-n-butylphthalate	18.14	149	1526011	3.331	ng	97
75) Fluoranthene	19.24	202	1715879	3.214	ng	100
77) Benzidine	19.43	184	574977	2.489	ng	99
78) Pyrene	19.60	202	1748863	3.604	ng	100
80) Butylbenzylphthalate	20.50	149	673979	3.820	ng	98
81) Benzo(a)anthracene	21.35	228	1746240	3.445	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	654816	3.385	ng	99
83) Chrysene	21.40	228	1674539	3.407	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	959698	3.505	ng	98
85) Di-n-octyl phthalate	22.16	149	1692551	3.719	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2389168	4.086	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1956117	3.359	ng	99
89) Benzo(k)fluoranthene	23.01	252	1811507	3.410	ng	99
90) Benzo(a)pyrene	23.56	252	1877617	3.550	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	2064981	3.754	ng	100
92) Benzo(g,h,i)perylene	26.71	276	1985092	3.801	ng	99

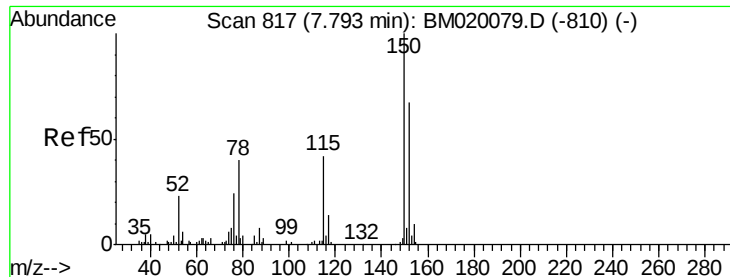
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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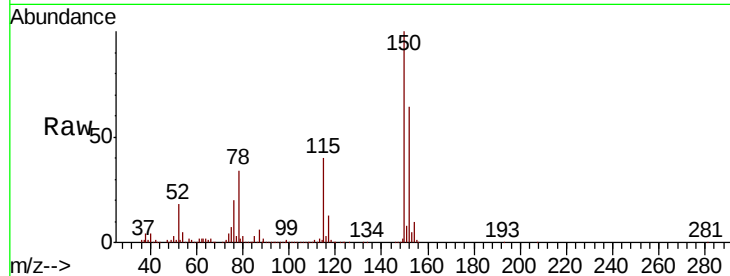


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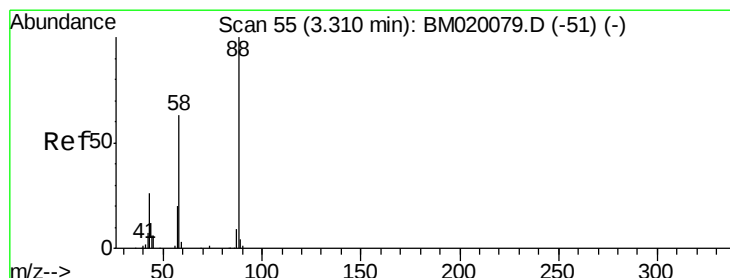
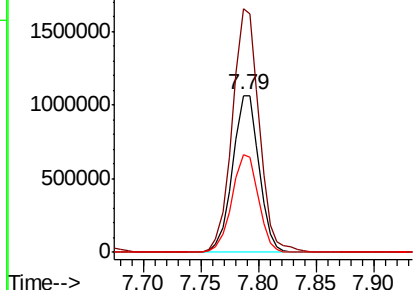
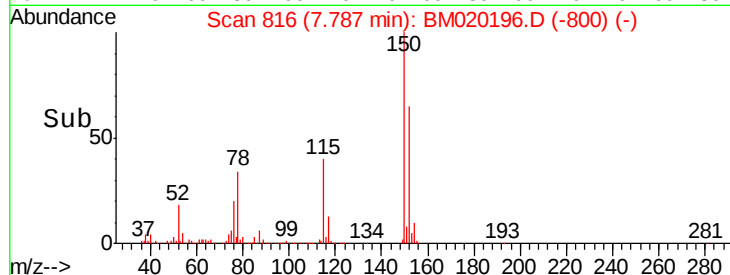
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tgt Ion:152 Resp: 1690645
Ion Ratio Lower Upper
152 100
150 155.4 119.8 179.8
115 62.5 50.8 76.2



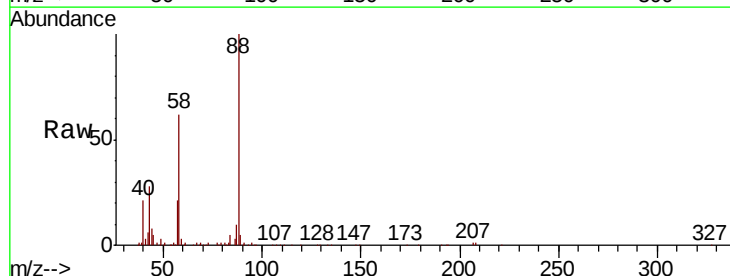
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



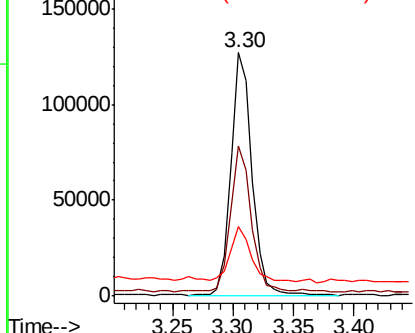
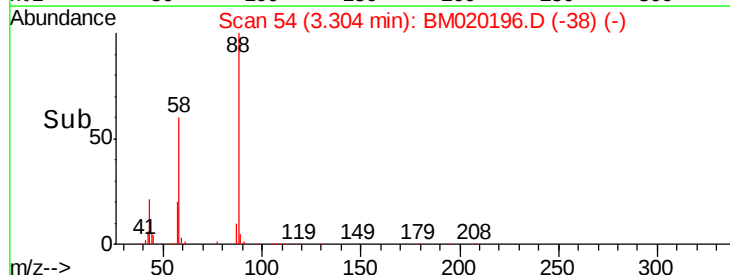
#2

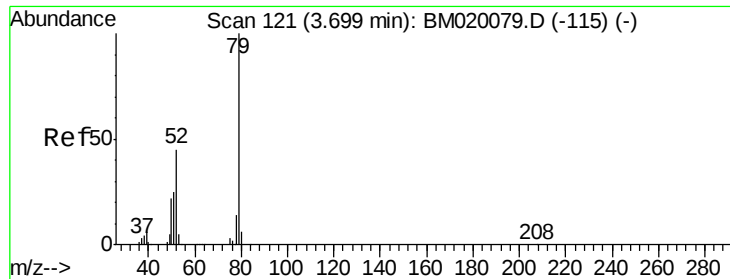
1,4-Dioxane
Concen: 3.005 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion: 88 Resp: 152433
Ion Ratio Lower Upper
88 100
58 61.8 51.8 77.6
43 21.5 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: 3.055 ng

RT: 3.70 min Scan# 122

Delta R.T. 0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

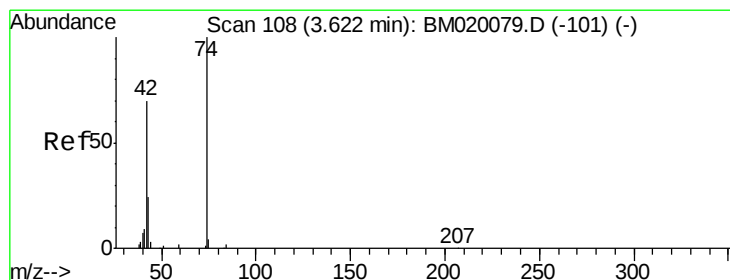
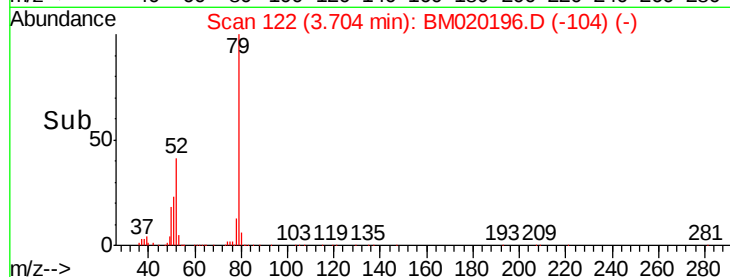
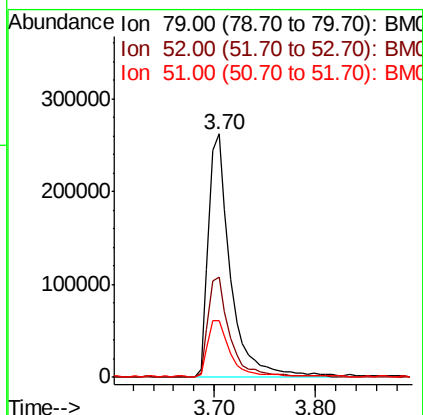
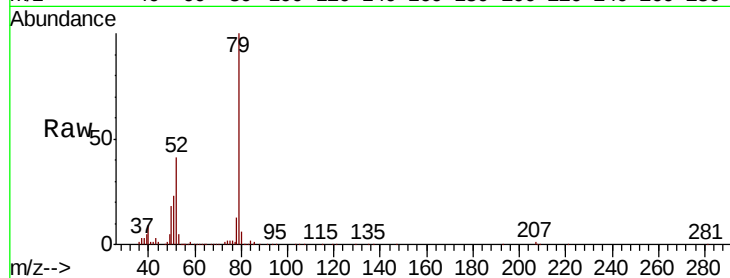
Tgt Ion: 79 Resp: 396335

Ion Ratio Lower Upper

79 100

52 41.3 35.7 53.5

51 23.2 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 3.374 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

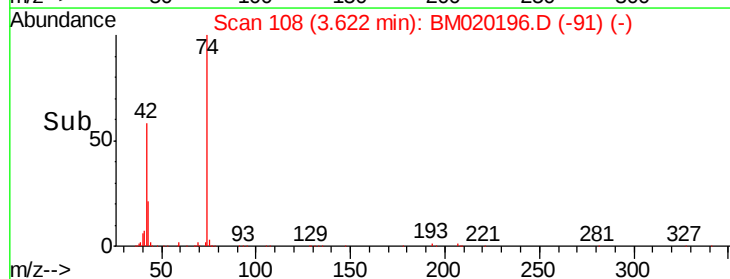
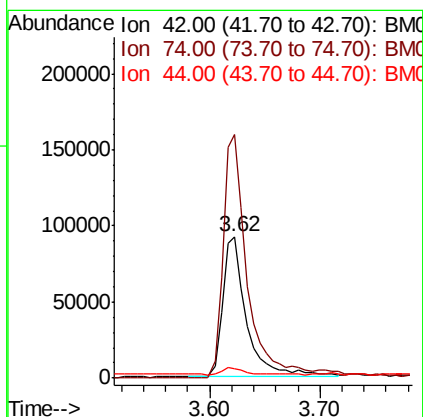
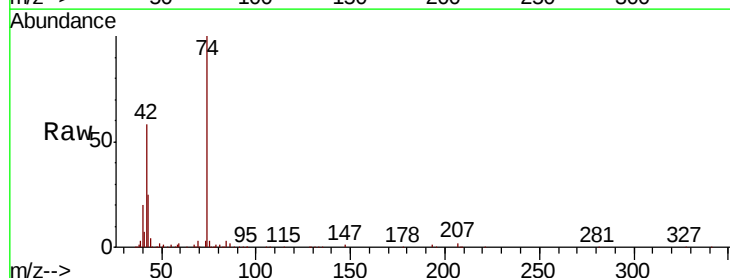
Tgt Ion: 42 Resp: 140385

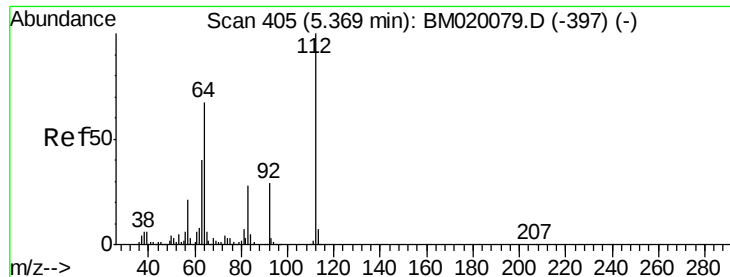
Ion Ratio Lower Upper

42 100

74 171.7 113.7 170.5#

44 7.0 3.9 5.9#





#5

2-Fluorophenol

Concen: 12.606 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020196.D

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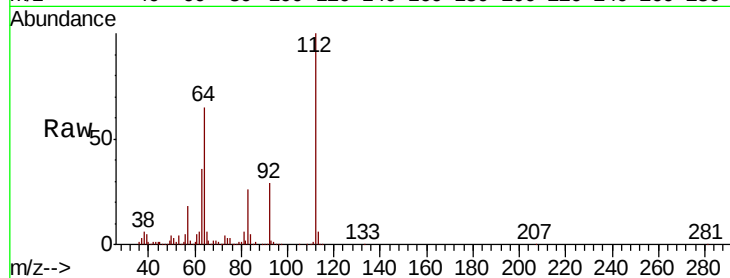
Tgt Ion: 112 Resp: 1303784

Ion Ratio Lower Upper

112 100

64 65.2 53.8 80.6

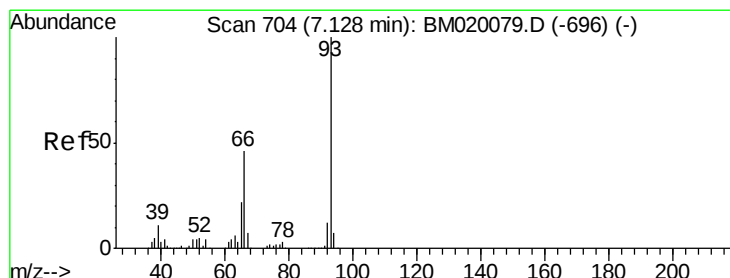
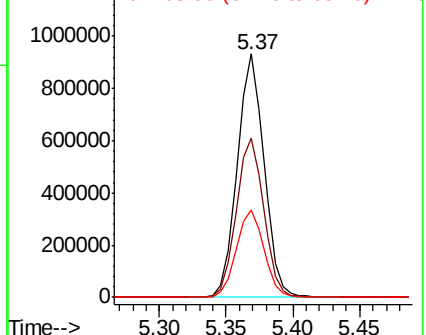
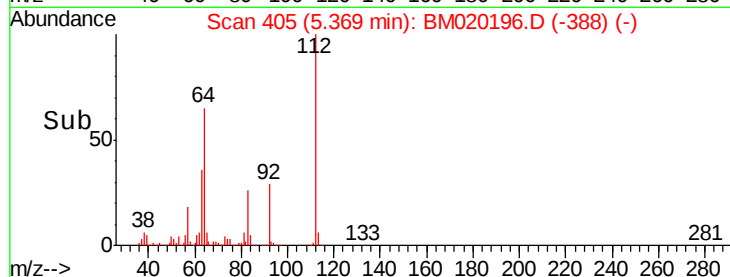
63 36.0 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 2.641 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

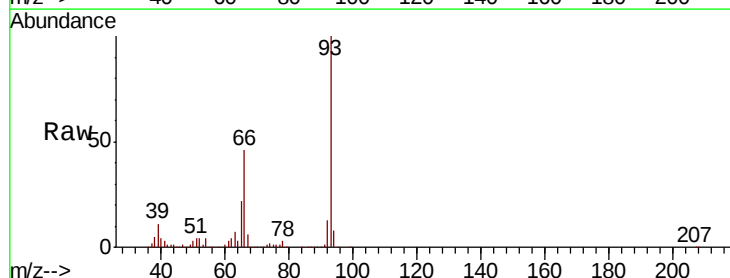
Tgt Ion: 93 Resp: 469803

Ion Ratio Lower Upper

93 100

66 46.3 36.6 54.8

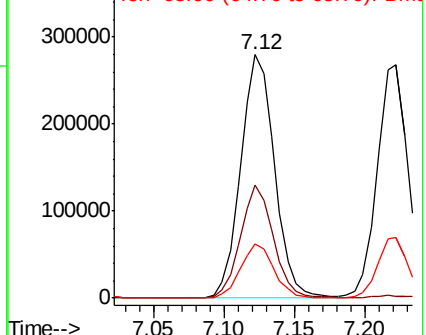
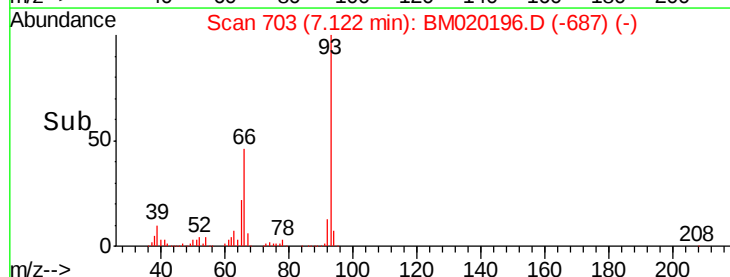
65 22.4 17.8 26.6

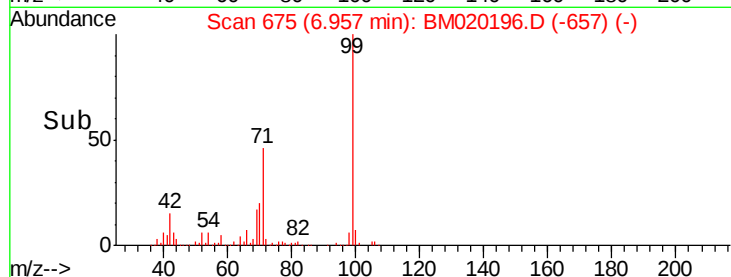
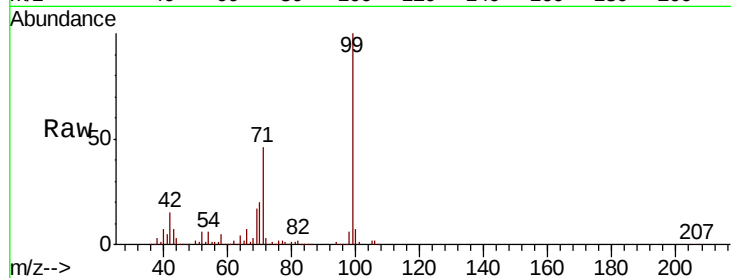
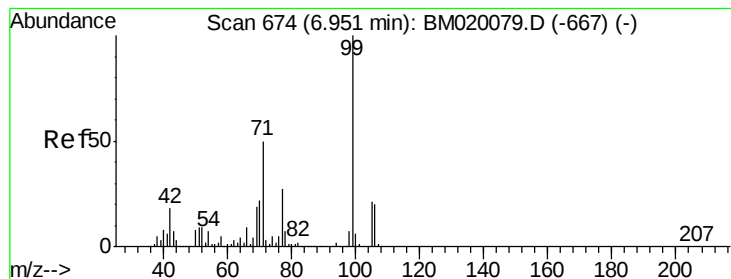


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 12.127 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

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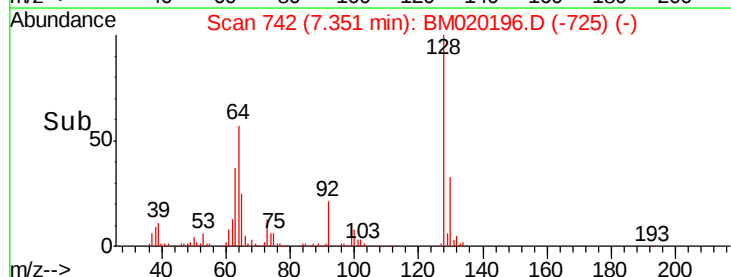
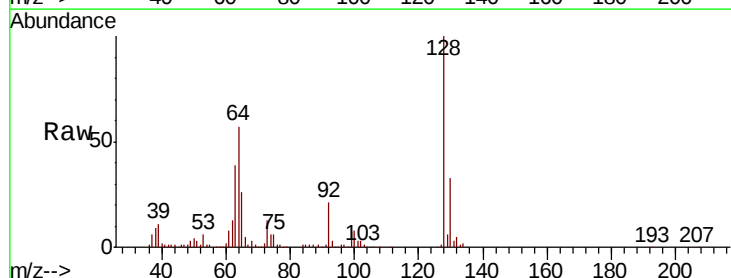
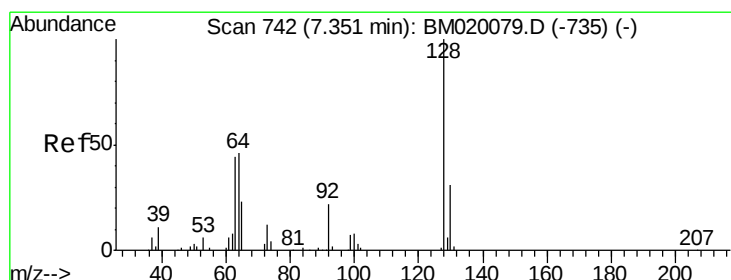
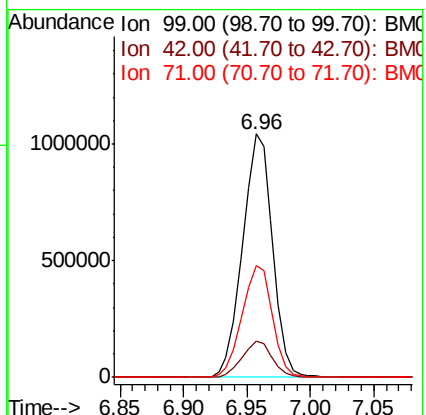
Tgt Ion: 99 Resp: 1713466

Ion Ratio Lower Upper

99 100

42 15.1 14.2 21.2

71 46.1 40.3 60.5



#8

2-Chlorophenol

Concen: 3.545 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

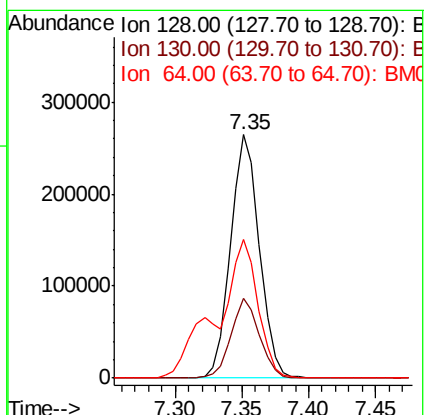
Tgt Ion: 128 Resp: 399189

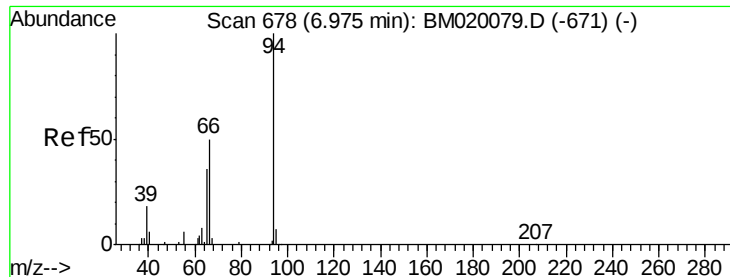
Ion Ratio Lower Upper

128 100

130 32.9 10.8 50.8

64 57.2 36.5 76.5





#10

Phenol

Concen: 3.509 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

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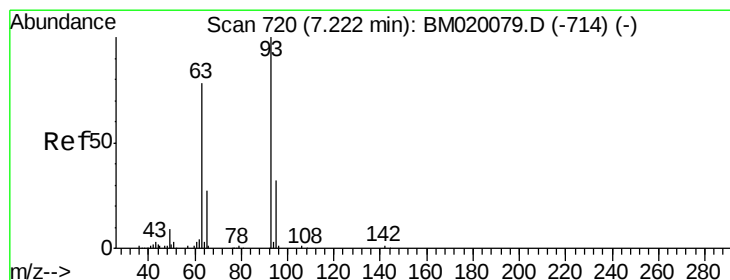
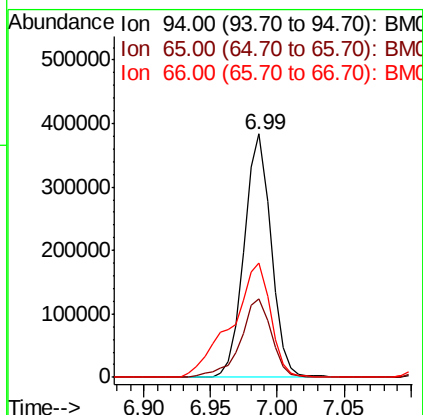
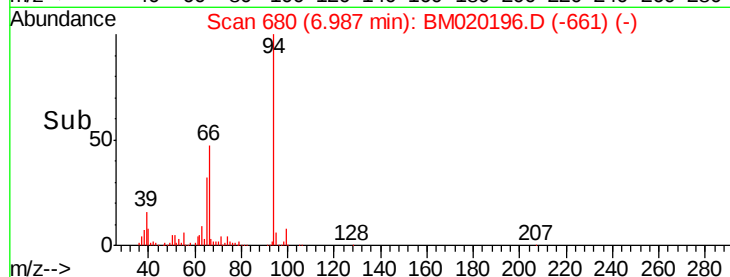
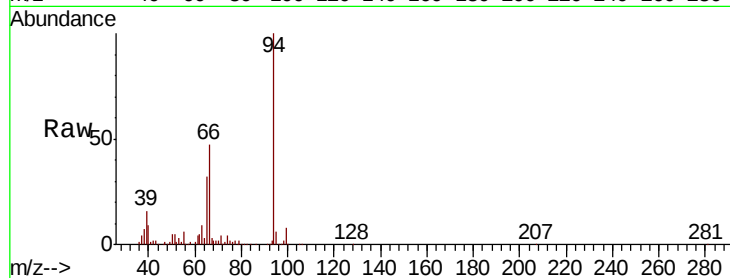
Tgt Ion: 94 Resp: 533716

Ion Ratio Lower Upper

94 100

65 32.4 17.0 57.0

66 46.7 34.5 74.5



#11

bis(2-Chloroethyl)ether

Concen: 3.640 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

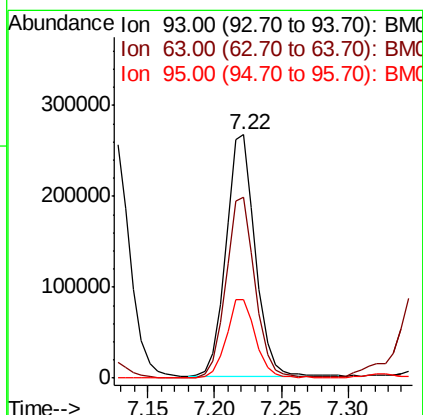
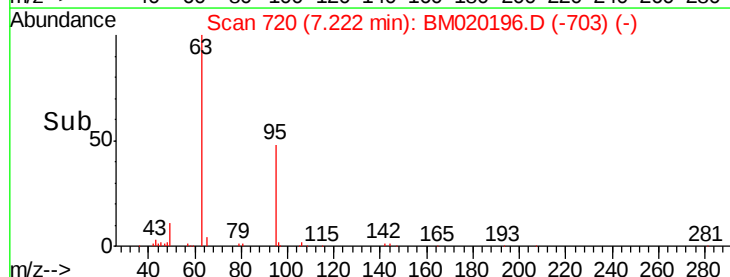
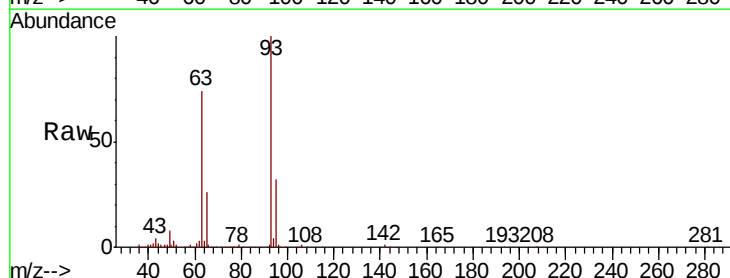
Tgt Ion: 93 Resp: 402426

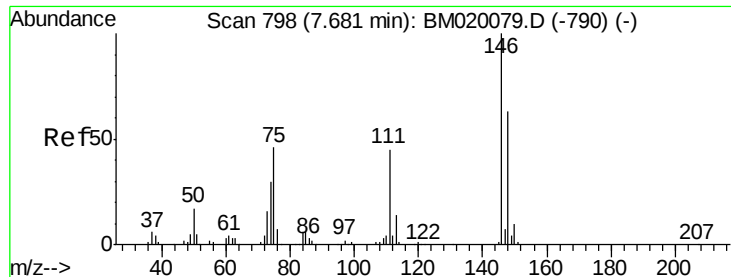
Ion Ratio Lower Upper

93 100

63 74.2 57.9 97.9

95 32.3 11.3 51.3





#12

1,3-Dichlorobenzene

Concen: 3.534 ng

RT: 7.67 min Scan# 797

Delta R.T. -0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

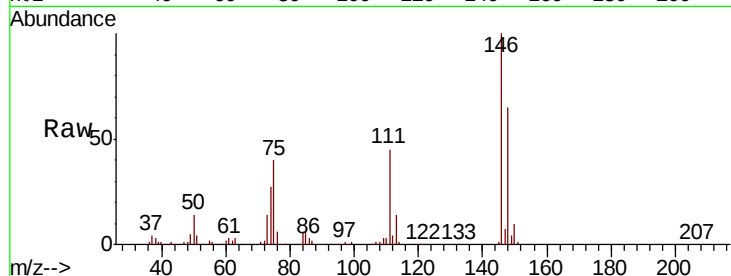
Tgt Ion:146 Resp: 463056

Ion Ratio Lower Upper

146 100

148 64.6 50.1 75.1

75 39.9 37.2 55.8

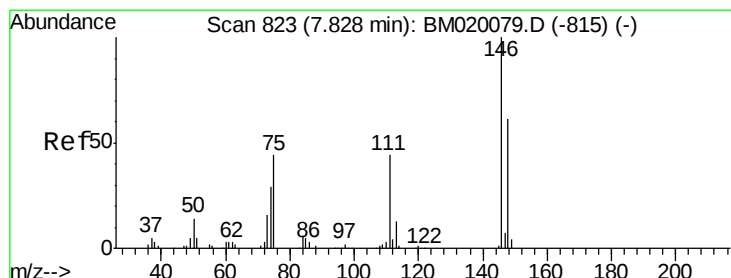
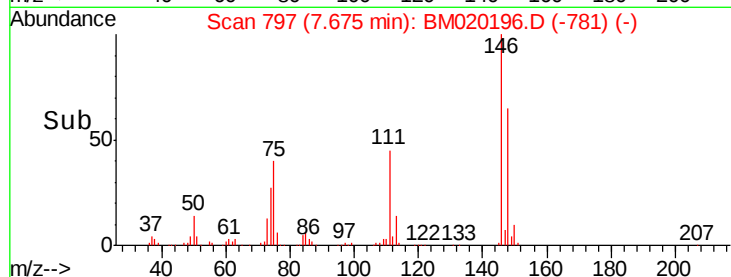
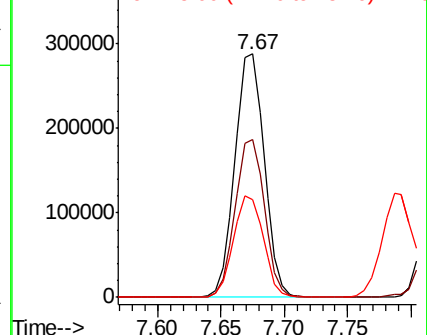


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#13

1,4-Dichlorobenzene

Concen: 3.517 ng

RT: 7.82 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

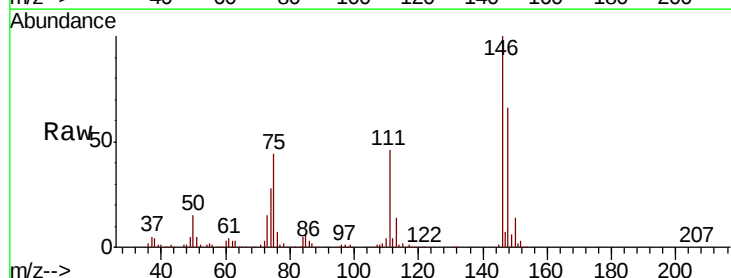
Tgt Ion:146 Resp: 465587

Ion Ratio Lower Upper

146 100

148 65.6 48.5 72.7

111 45.9 35.7 53.5

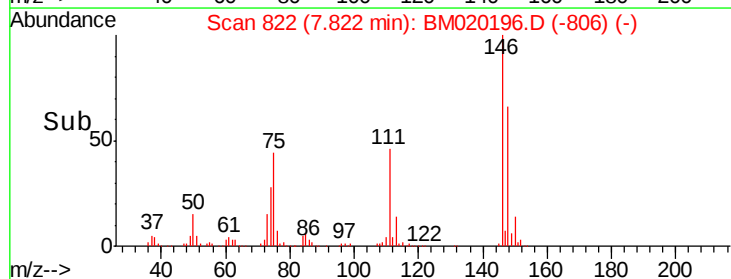
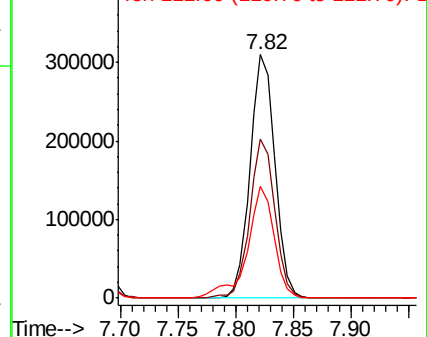


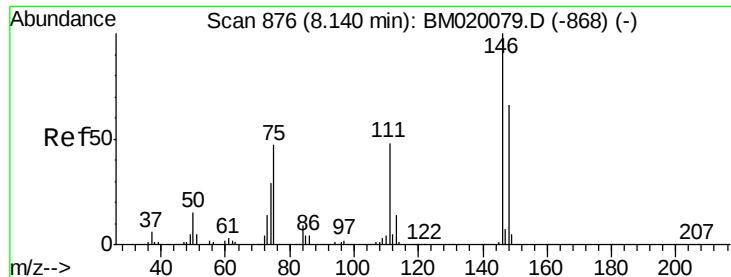
Abundance

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

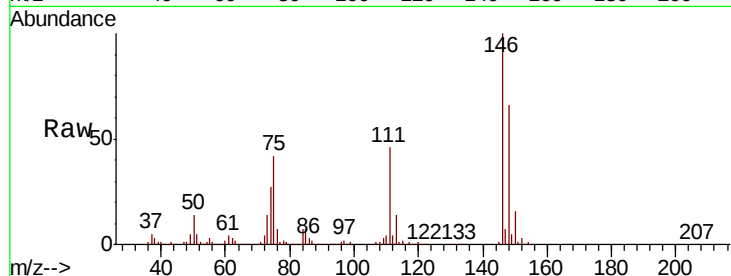




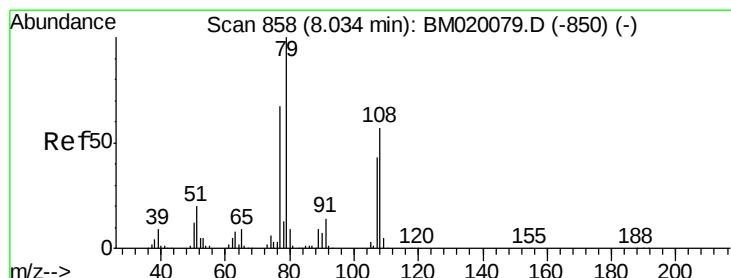
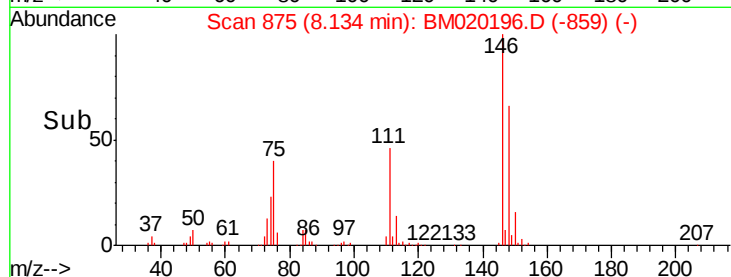
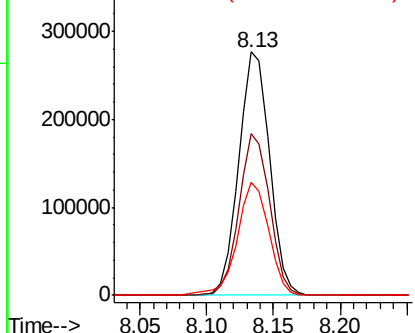
#14
 1,2-Dichlorobenzene
 Concen: 3.507 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tgt Ion: 146 Resp: 442281
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.6 79.0
 111 46.4 39.0 58.4

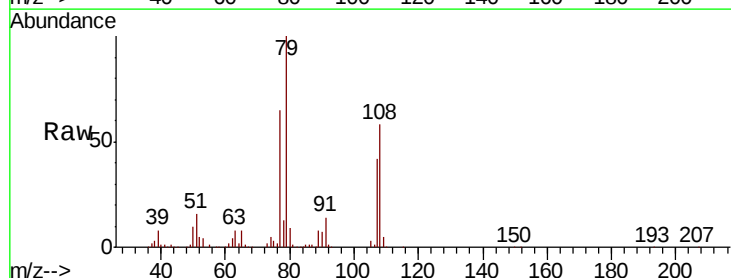


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

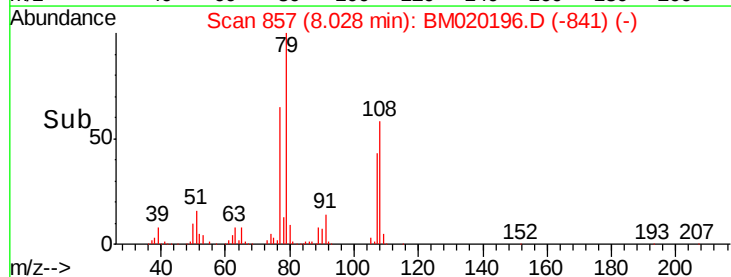
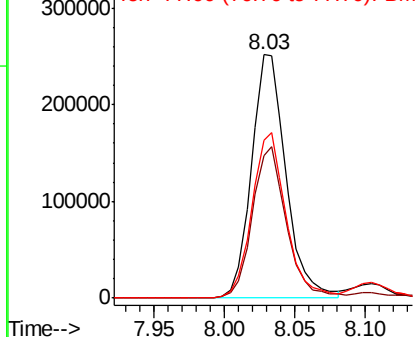


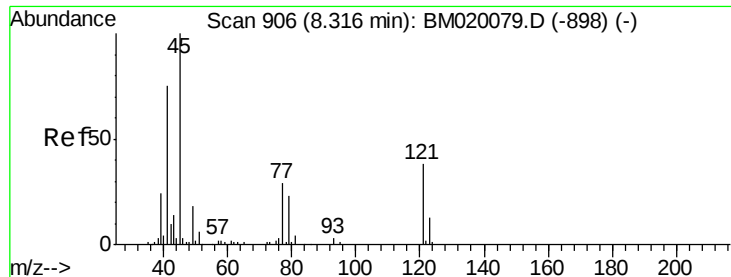
#15
 Benzyl Alcohol
 Concen: 3.194 ng
 RT: 8.03 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion: 79 Resp: 435121
 Ion Ratio Lower Upper
 79 100
 108 58.3 46.0 69.0
 77 64.8 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BM0

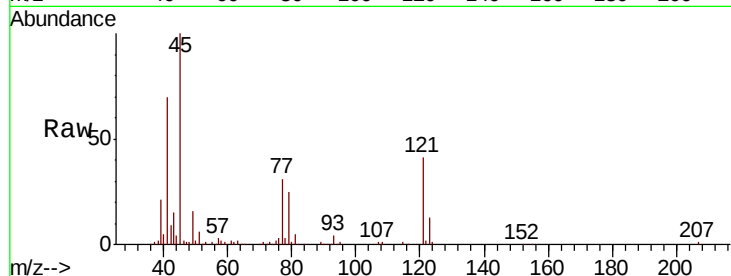




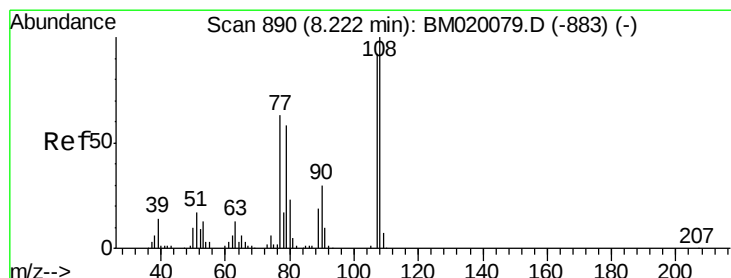
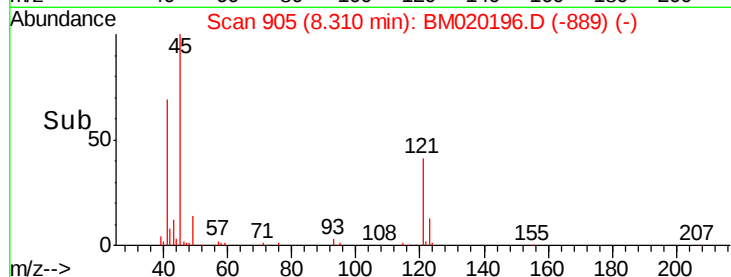
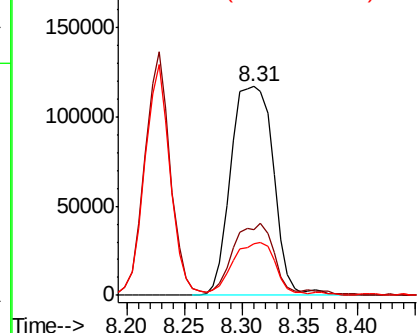
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.280 ng
 RT: 8.31 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tgt Ion: 45 Resp: 300722
 Ion Ratio Lower Upper
 45 100
 77 31.4 10.5 50.5
 79 25.0 3.3 43.3

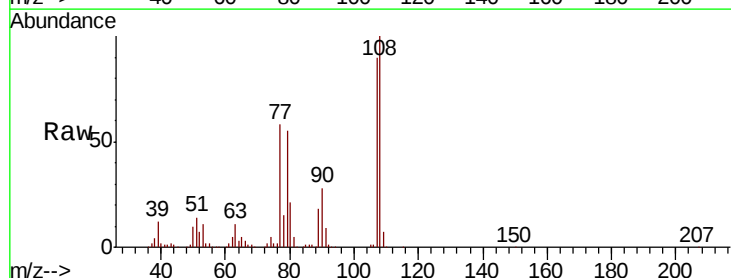


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)
 Ion 77.00 (76.70 to 77.70): BM020079.D (-898) (-)
 Ion 79.00 (78.70 to 79.70): BM020079.D (-898) (-)

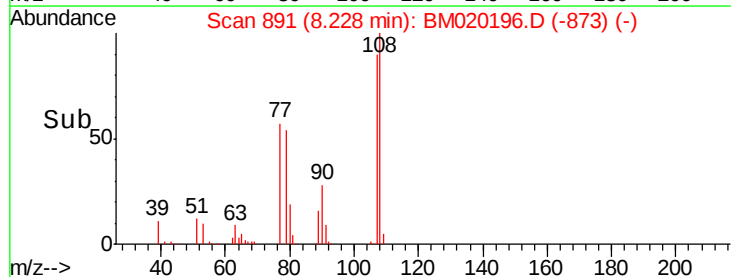
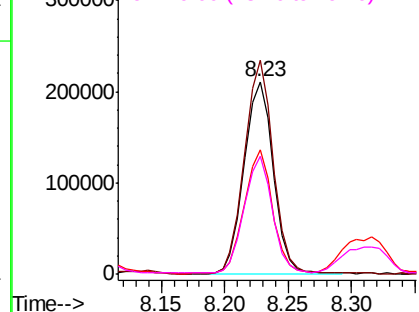


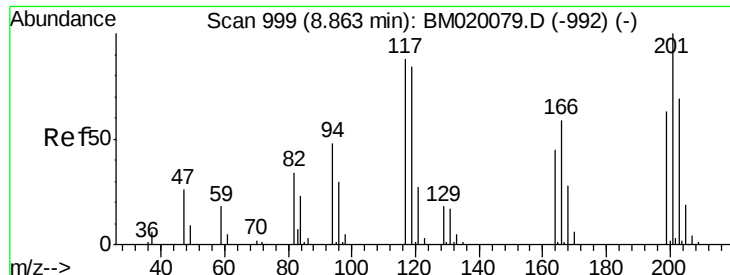
#17
 2-Methylphenol
 Concen: 3.437 ng
 RT: 8.23 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion: 107 Resp: 336530
 Ion Ratio Lower Upper
 107 100
 108 111.0 87.0 130.4
 77 64.7 54.7 82.1
 79 61.3 50.1 75.1



Abundance Ion 107.00 (106.70 to 107.70): BM020079.D (-883) (-)
 Ion 108.00 (107.70 to 108.70): BM020079.D (-883) (-)
 Ion 77.00 (76.70 to 77.70): BM020079.D (-883) (-)
 Ion 79.00 (78.70 to 79.70): BM020079.D (-883) (-)

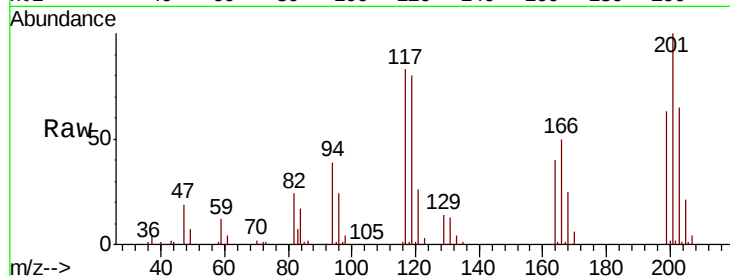




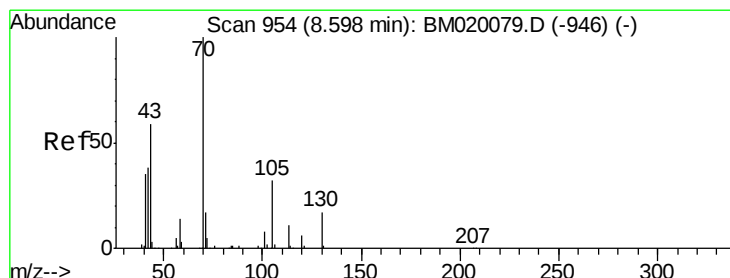
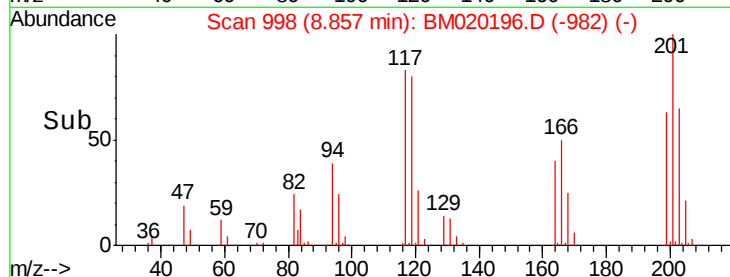
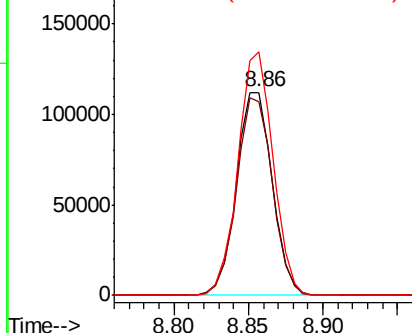
#18
Hexachloroethane
Concen: 3.389 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tgt Ion:117 Resp: 187028
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 120.0 90.7 136.1

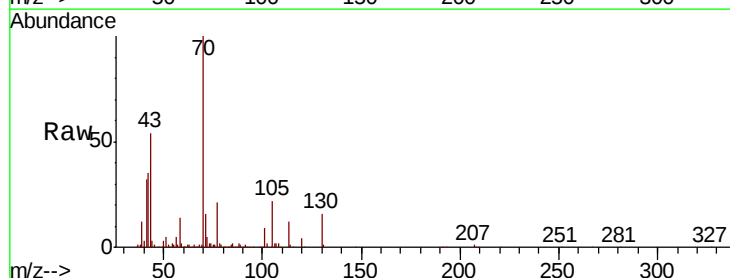


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

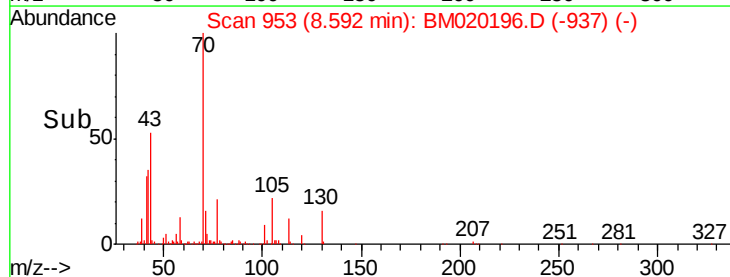
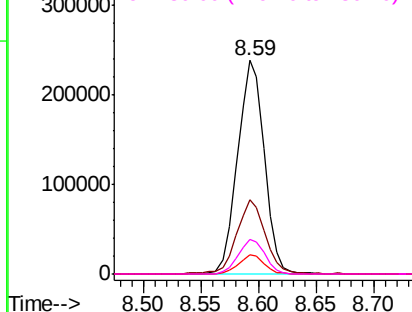


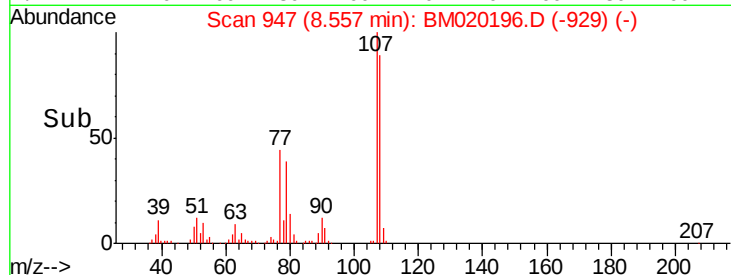
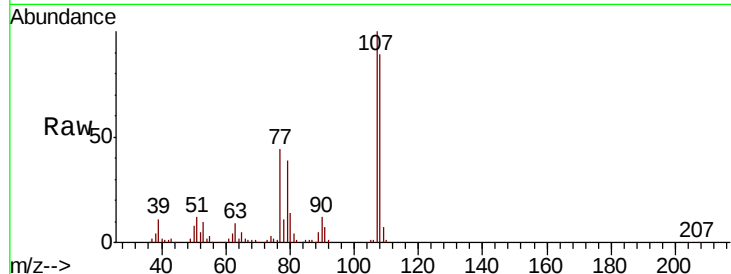
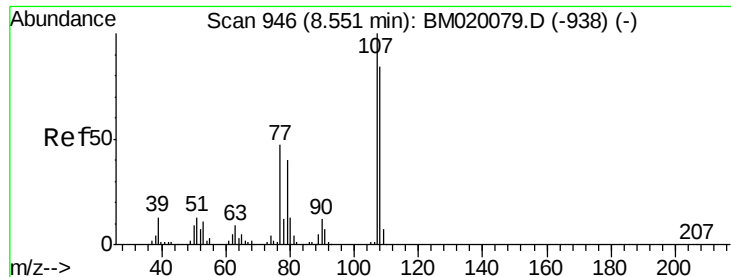
#19
n-Nitroso-di-n-propylamine
Concen: 3.156 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion: 70 Resp: 381506
Ion Ratio Lower Upper
70 100
42 35.0 31.0 46.4
101 8.8 6.2 9.2
130 16.2 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: 3.417 ng

RT: 8.56 min Scan# 947

Delta R.T. 0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tgt Ion:107 Resp: 444687

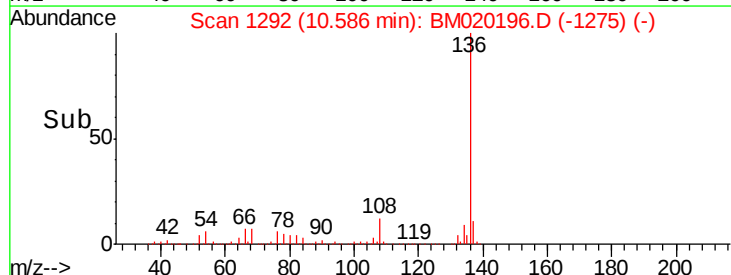
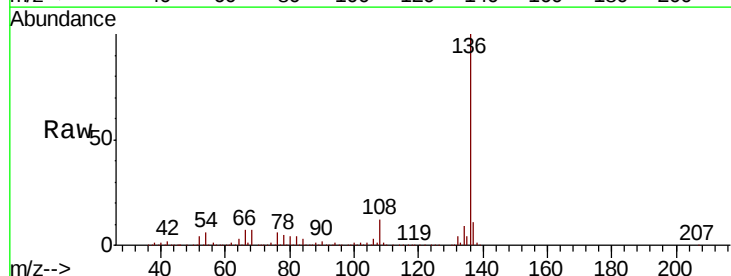
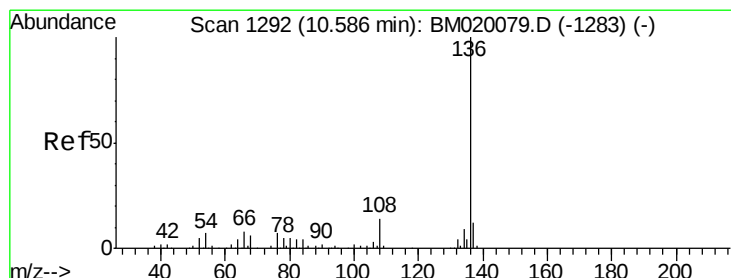
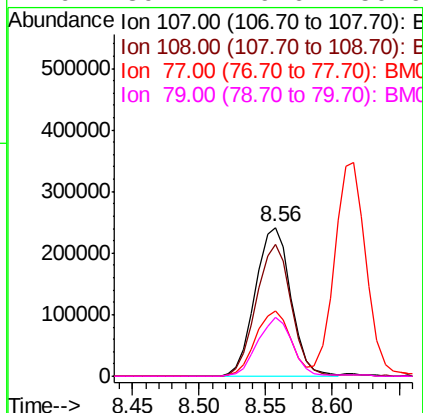
Ion Ratio Lower Upper

107 100

108 88.9 64.4 104.4

77 44.1 27.2 67.2

79 39.2 19.6 59.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Tgt Ion:136 Resp: 6183170

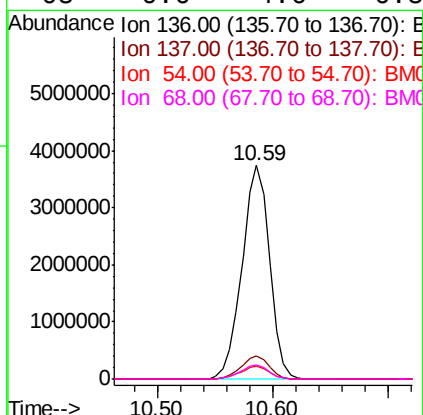
Ion Ratio Lower Upper

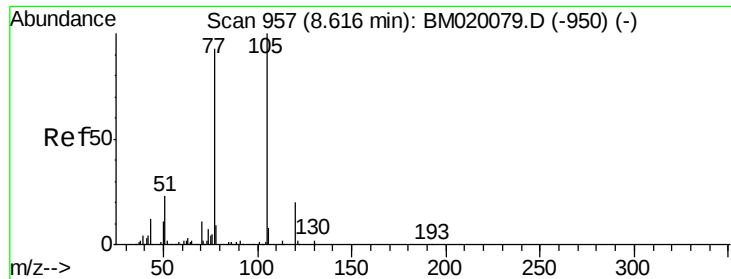
136 100

137 10.9 9.6 14.4

54 6.2 5.5 8.3

68 6.6 4.6 6.8





#22

Acetophenone

Concen: 3.685 ng

RT: 8.62 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tgt Ion: 105 Resp: 622739

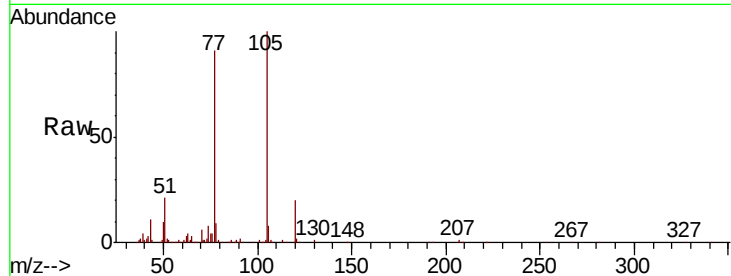
Ion Ratio Lower Upper

105 100

71 1.2 2.2 3.2#

51 21.0 19.3 28.9

120 19.5 16.2 24.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

600000

500000

400000

300000

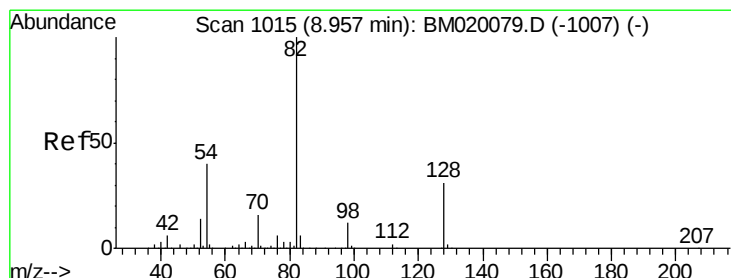
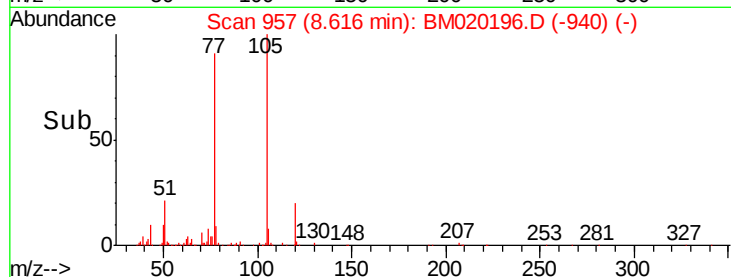
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#23

Nitrobenzene-d5

Concen: 6.792 ng

RT: 8.95 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

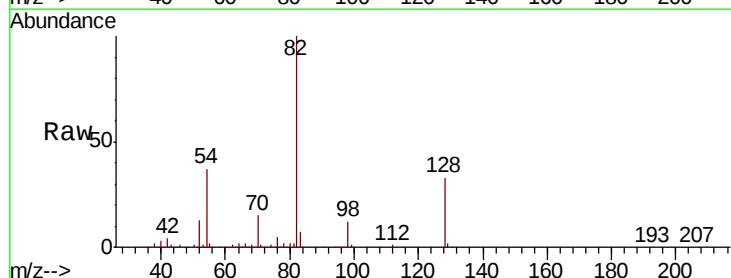
Tgt Ion: 82 Resp: 1063770

Ion Ratio Lower Upper

82 100

128 33.0 25.2 37.8

54 37.1 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

800000

600000

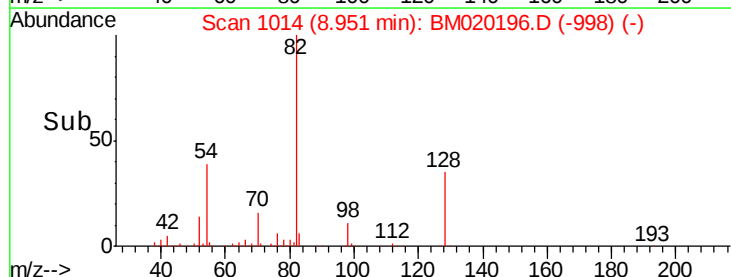
400000

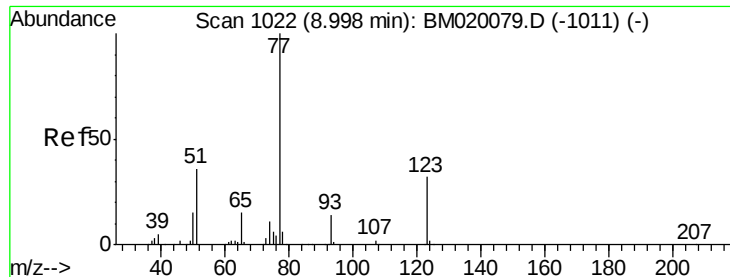
200000

0

8.85 8.90 8.95 9.00 9.05

Time-->

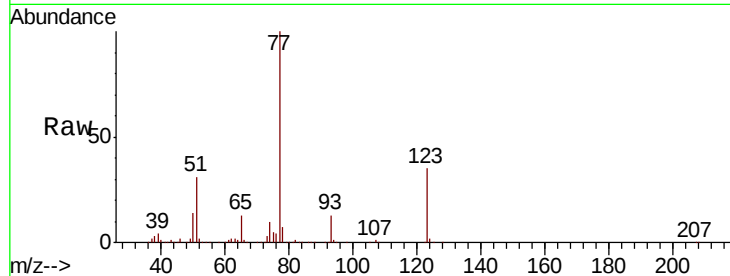




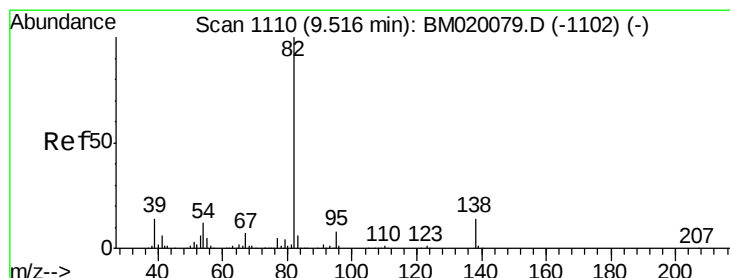
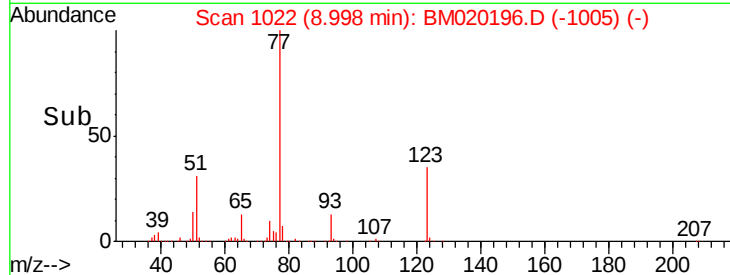
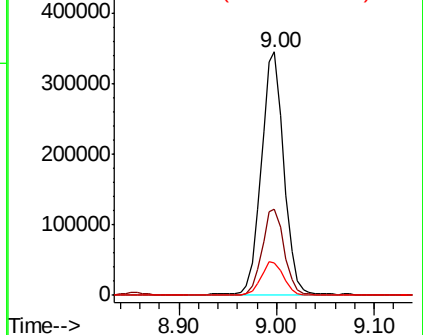
#24
Nitrobenzene
Concen: 3.462 ng
RT: 9.00 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.3	25.5	38.3
65	13.1	11.8	17.6

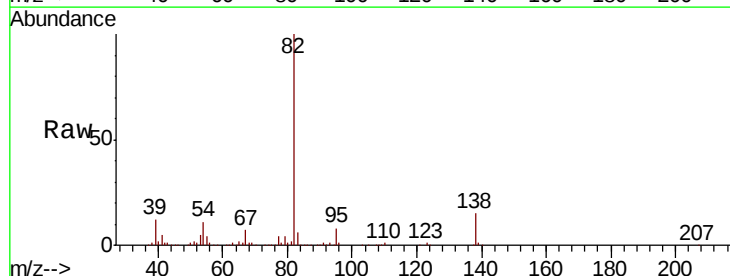


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-1011) (-)

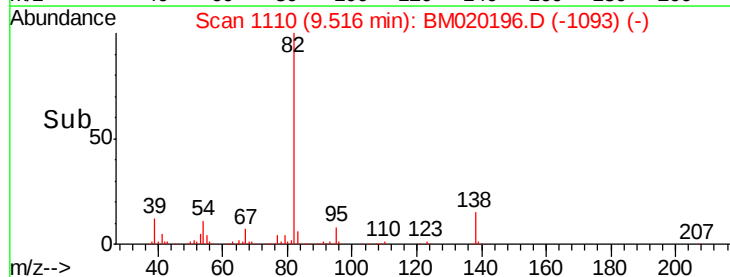
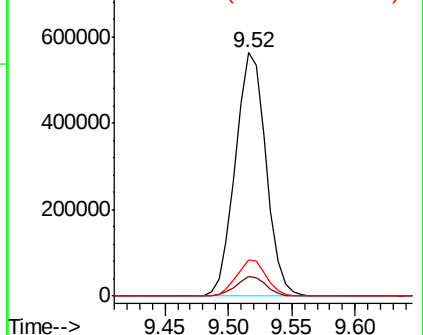


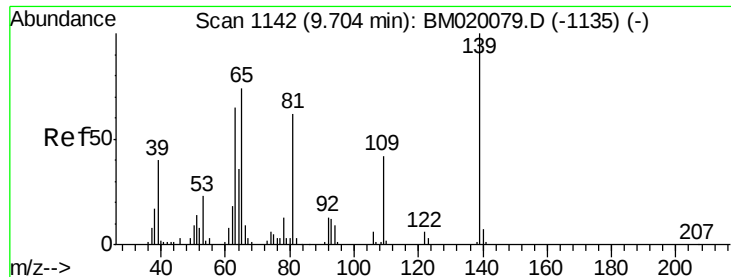
#25
Isophorone
Concen: 3.496 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.4	9.6
138	14.7	11.1	16.7



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

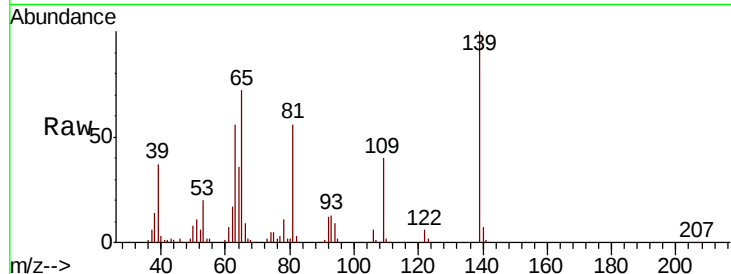




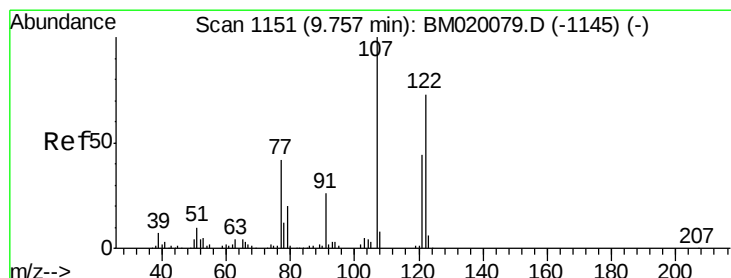
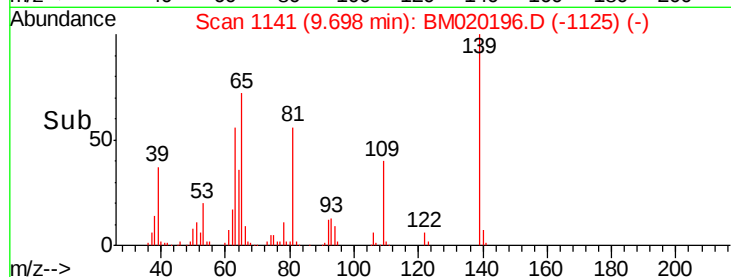
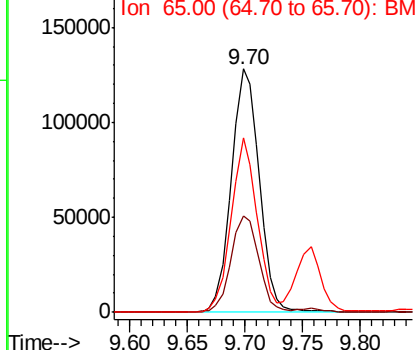
#26
 2-Nitrophenol
 Concen: 4.393 ng
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tgt Ion:139 Resp: 215383
 Ion Ratio Lower Upper
 139 100
 109 39.7 33.7 50.5
 65 71.7 59.5 89.3

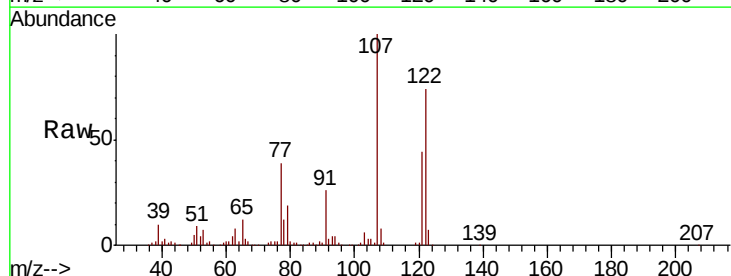


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BM

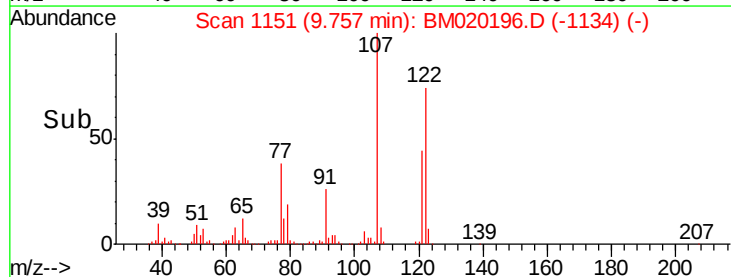
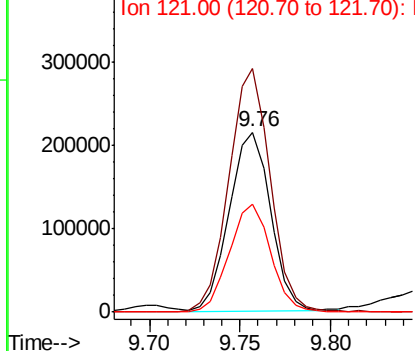


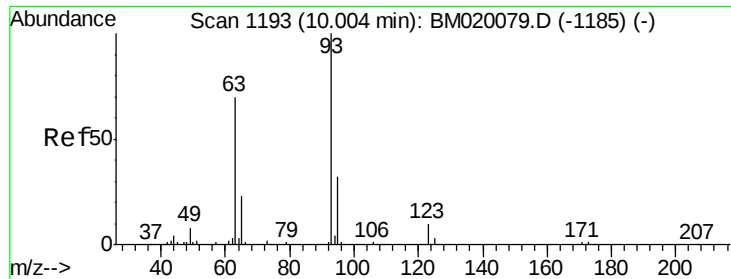
#27
 2,4-Dimethylphenol
 Concen: 4.178 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:122 Resp: 340984
 Ion Ratio Lower Upper
 122 100
 107 135.1 108.6 162.8
 121 59.9 47.4 71.2



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

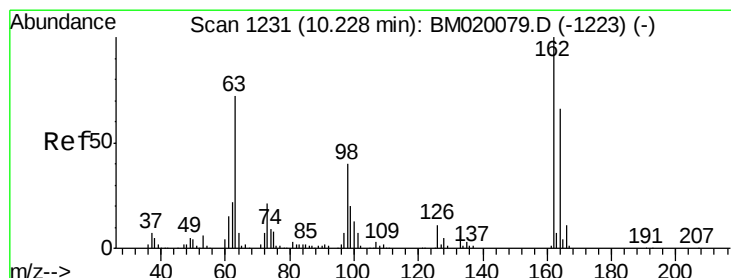
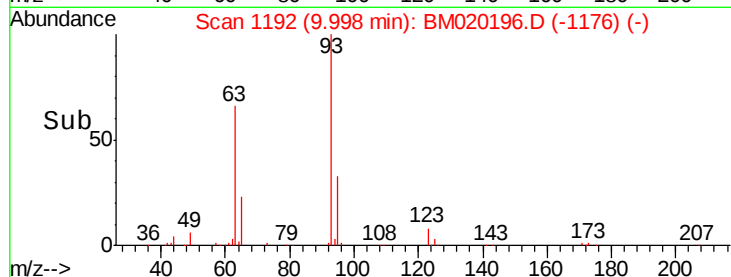
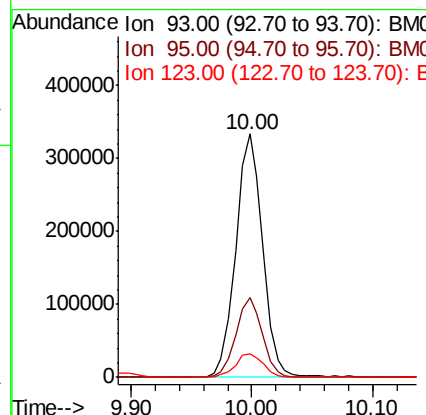
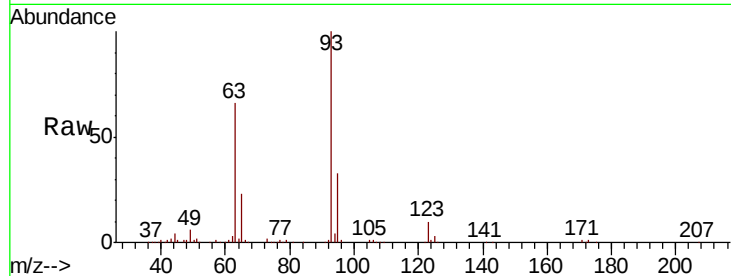




#28
bis(2-Chloroethoxy)methane
Concen: 3.522 ng
RT: 10.00 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

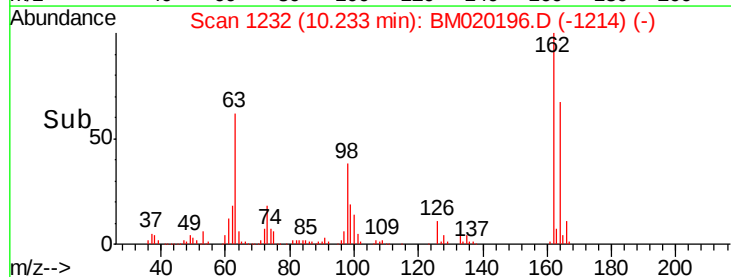
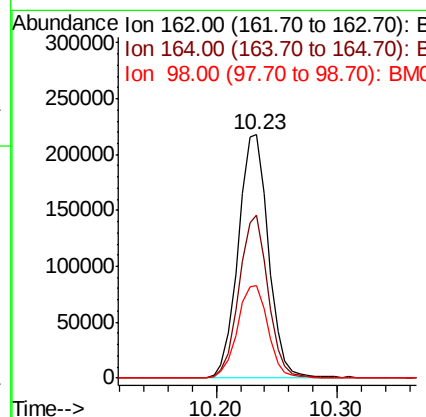
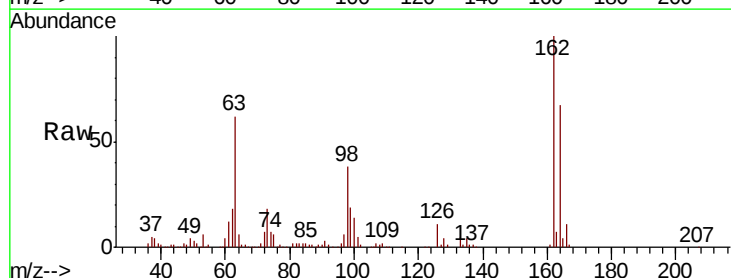
Instrument :
BNA_M
ClientSampleId :
PB119532BS

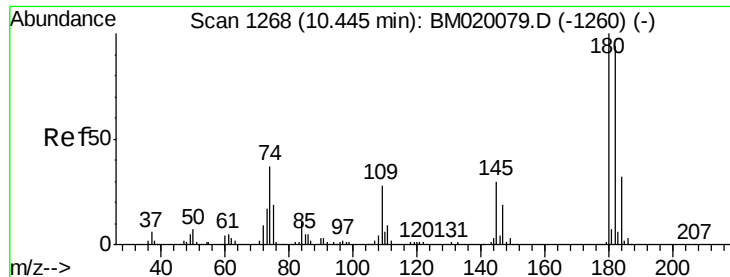
Tgt Ion: 93 Resp: 518018
Ion Ratio Lower Upper
93 100
95 32.9 25.5 38.3
123 9.7 7.6 11.4



#29
2,4-Dichlorophenol
Concen: 3.703 ng
RT: 10.23 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion: 162 Resp: 381109
Ion Ratio Lower Upper
162 100
164 66.7 45.6 85.6
98 38.2 20.4 60.4

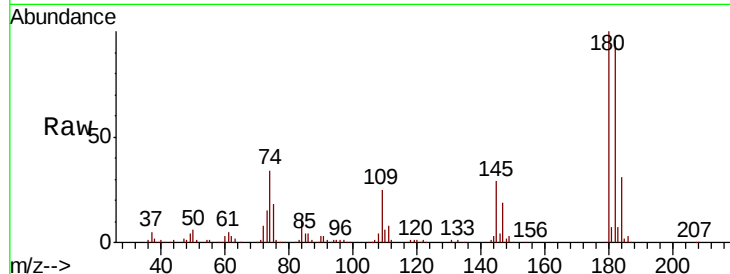




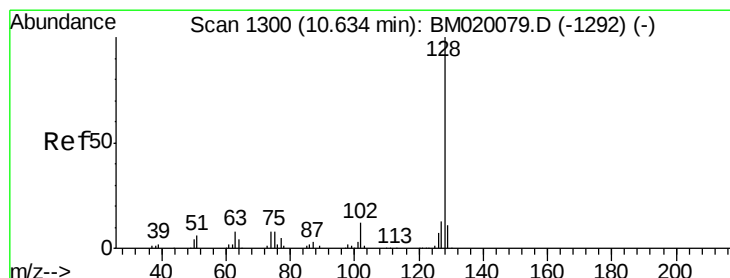
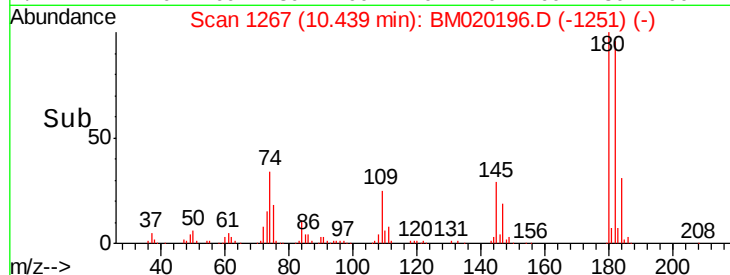
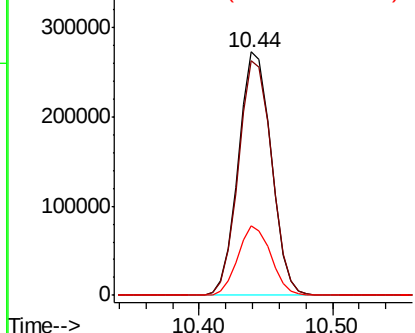
#30
 1,2,4-Trichlorobenzene
 Concen: 3.691 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tgt Ion:180 Resp: 467437
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.0
 145 28.6 23.8 35.8

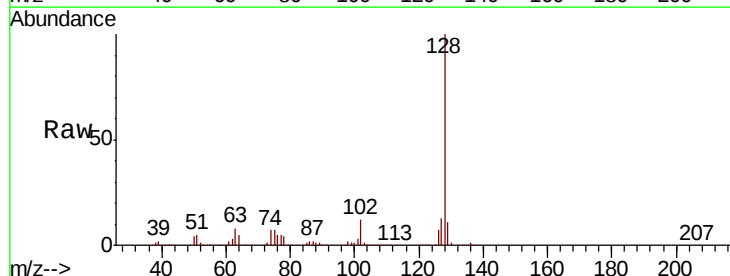


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

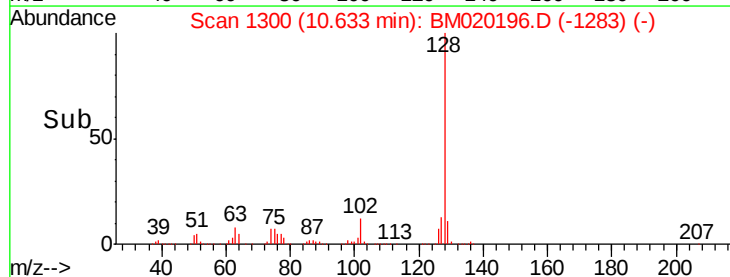
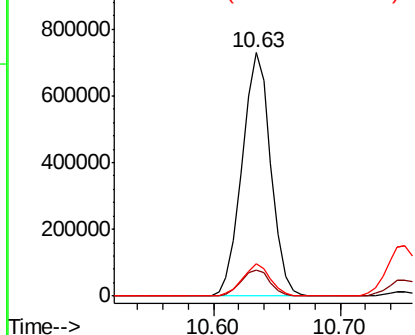


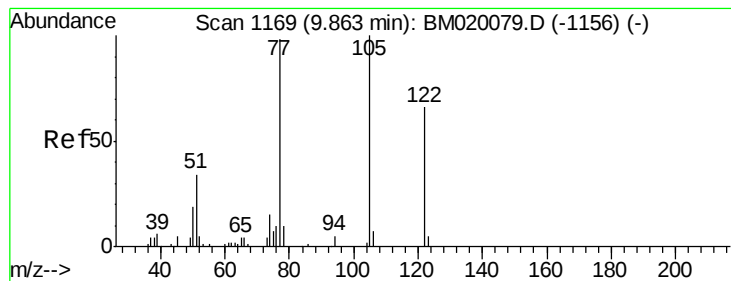
#31
 Naphthalene
 Concen: 3.565 ng
 RT: 10.63 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:128 Resp: 1143853
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.4
 127 13.4 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: 9.863 ng

RT: 9.90 min Scan# 1175

Delta R.T. 0.04 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

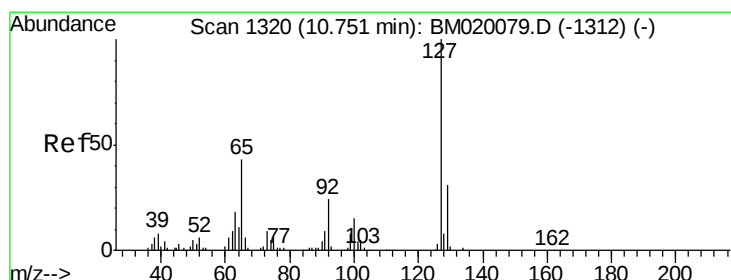
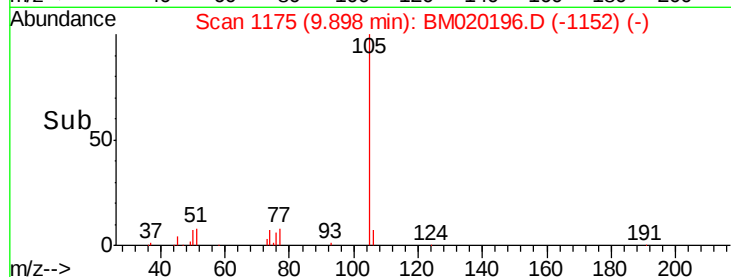
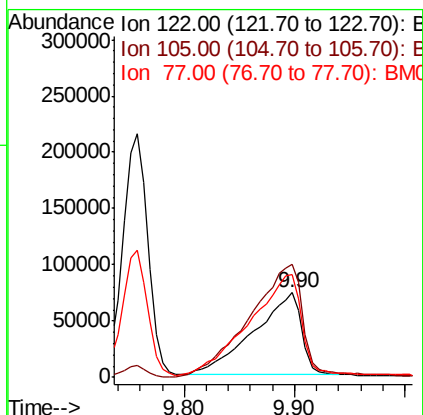
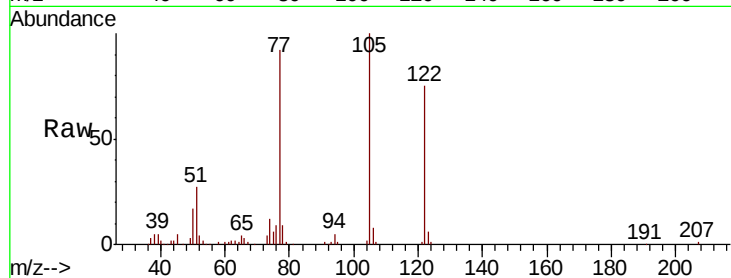
Tgt Ion:122 Resp: 219068

Ion Ratio Lower Upper

122 100

105 133.4 122.5 162.5

77 122.2 123.3 163.3#



#33

4-Chloroaniline

Concen: 2.092 ng

RT: 10.75 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Tgt Ion:127 Resp: 276271

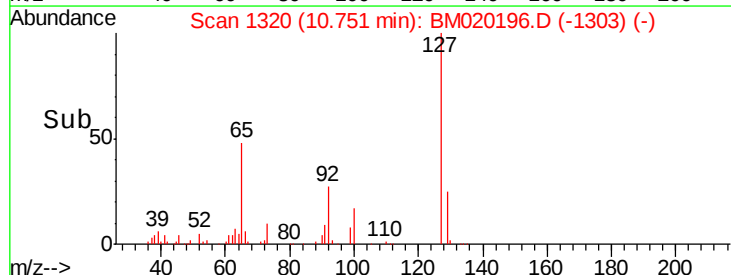
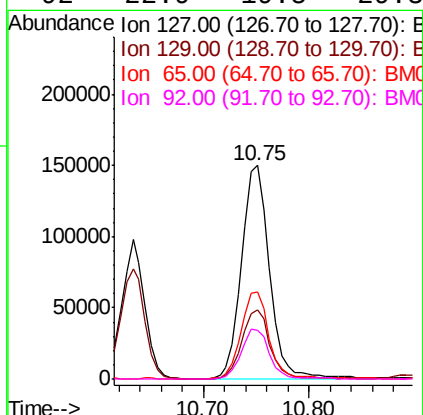
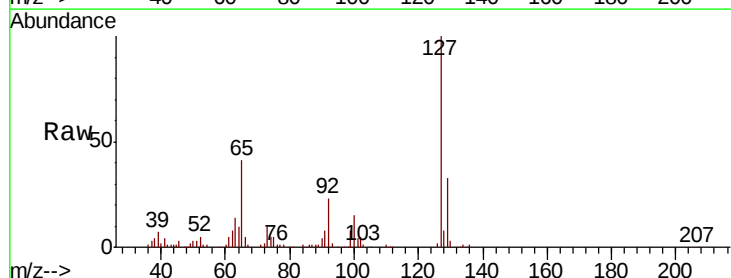
Ion Ratio Lower Upper

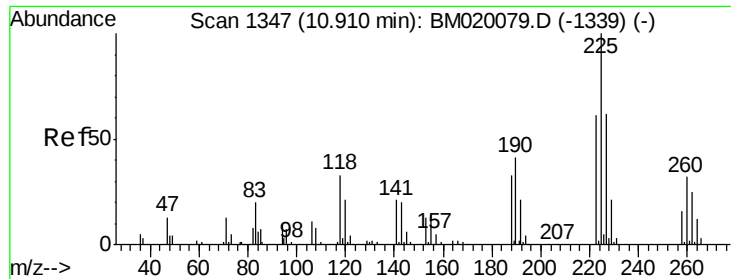
127 100

129 32.7 24.7 37.1

65 41.0 34.6 52.0

92 22.9 19.5 29.3

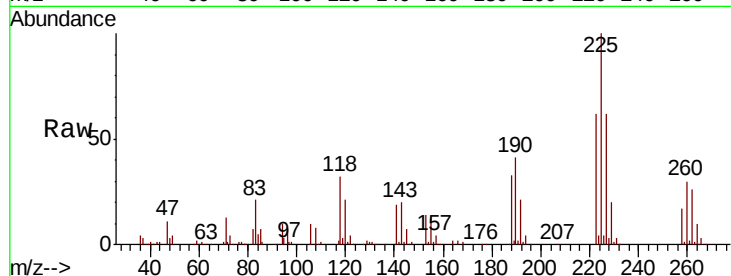




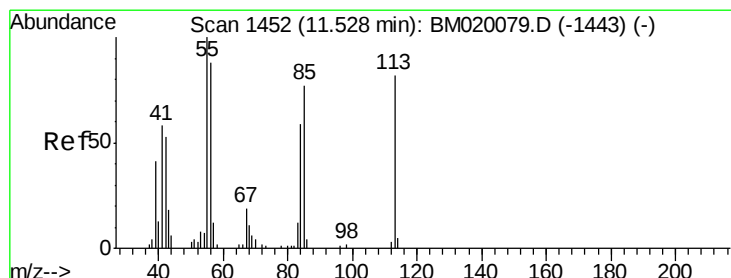
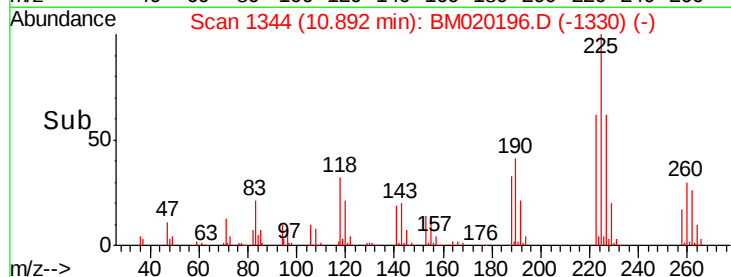
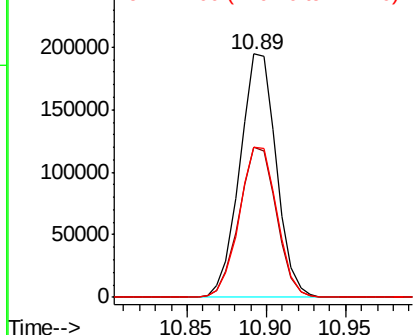
#34
Hexachlorobutadiene
Concen: 3.469 ng
RT: 10.89 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tgt Ion: 225 Resp: 310737
Ion Ratio Lower Upper
225 100
223 61.6 48.9 73.3
227 61.7 49.6 74.4

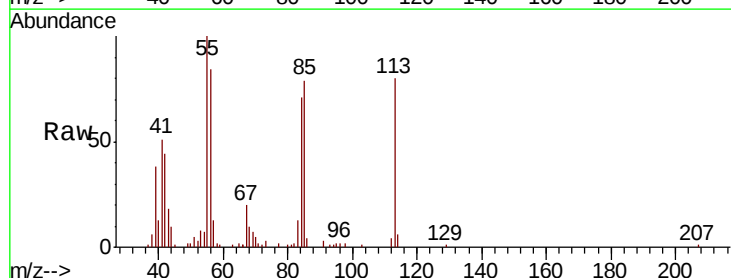


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

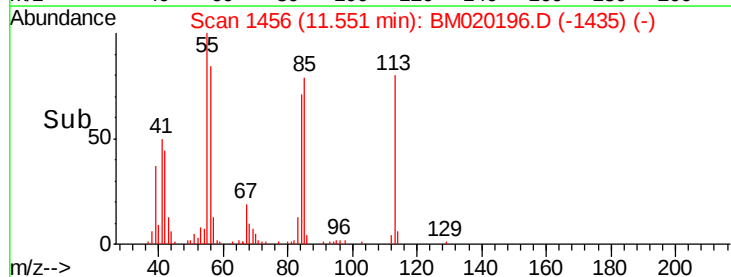
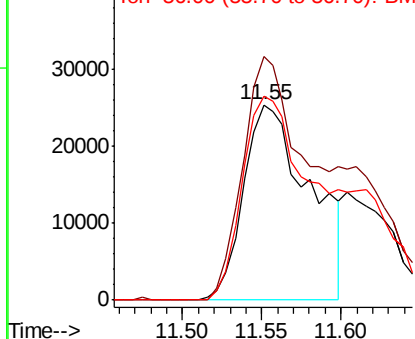


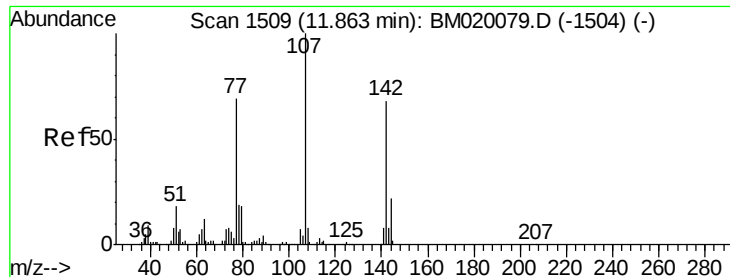
#35
Caprolactam
Concen: 2.408 ng
RT: 11.55 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion: 113 Resp: 74098
Ion Ratio Lower Upper
113 100
55 124.5 102.5 142.5
56 104.5 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM
Ion 56.00 (55.70 to 56.70): BM

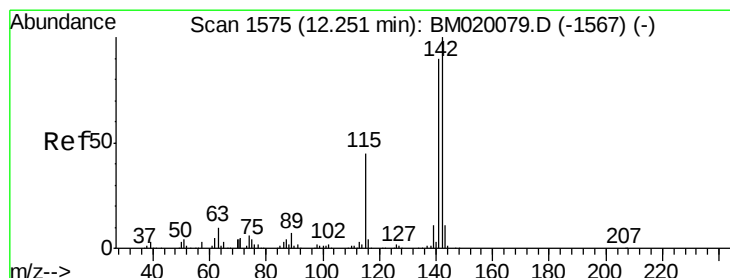
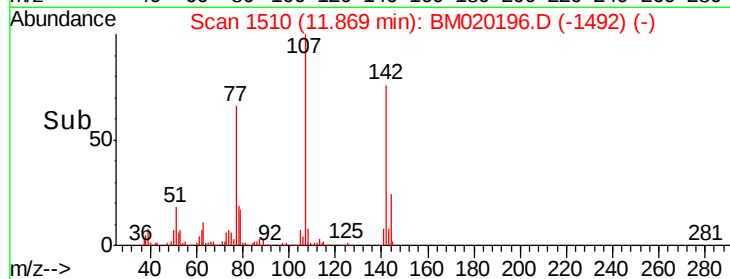
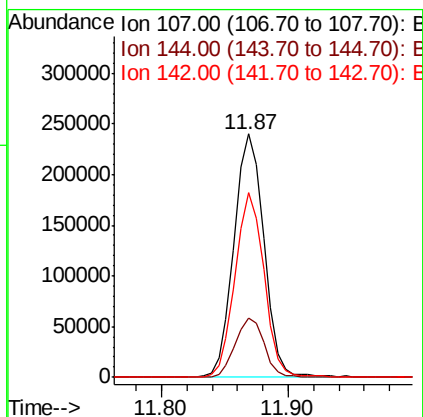
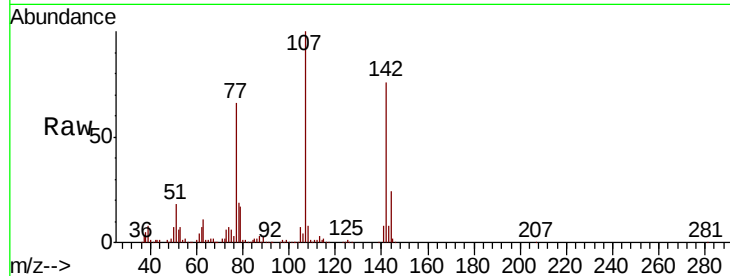




#36
 4-Chloro-3-methylphenol
 Concen: 3.261 ng
 RT: 11.87 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

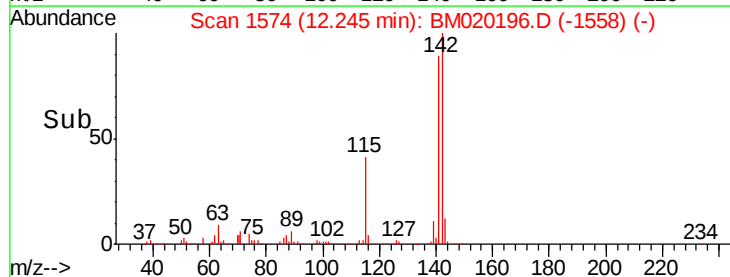
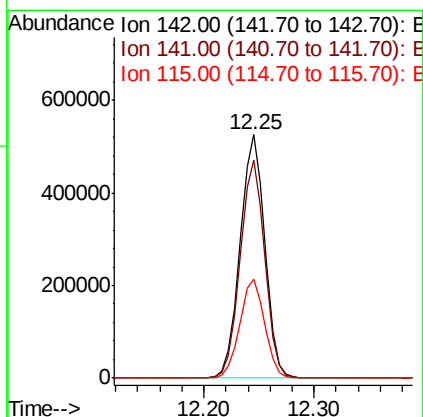
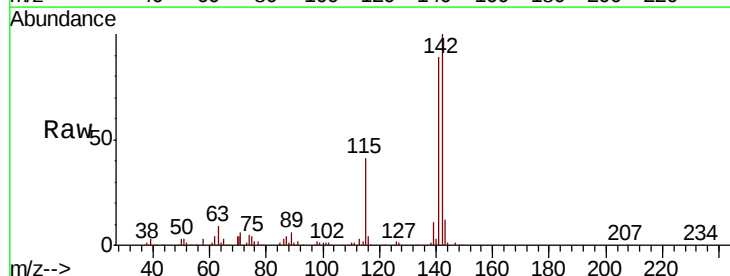
Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

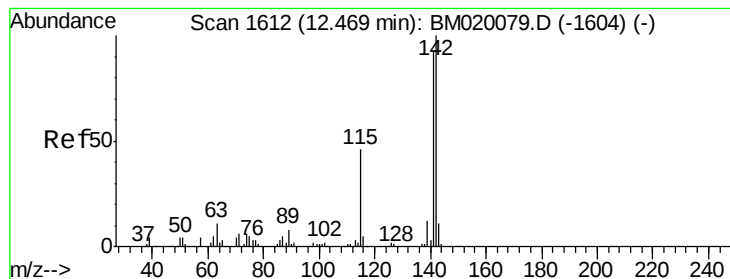
Tgt Ion:107 Resp: 394402
 Ion Ratio Lower Upper
 107 100
 144 24.1 17.6 26.4
 142 75.7 54.6 82.0



#37
 2-Methylnaphthalene
 Concen: 3.540 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:142 Resp: 828060
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.6 107.4
 115 40.9 35.8 53.6





#38

1-Methylnaphthalene

Concen: 3.443 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

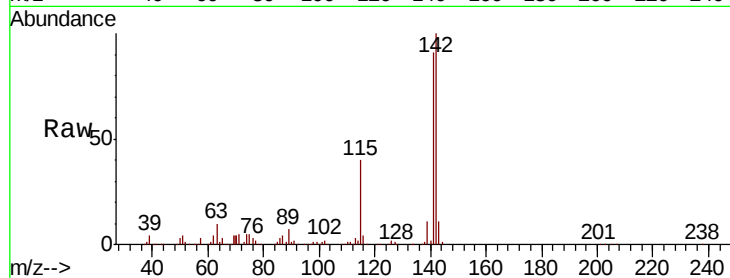
Tgt Ion:142 Resp: 787539

Ion Ratio Lower Upper

142 100

141 90.8 74.8 112.2

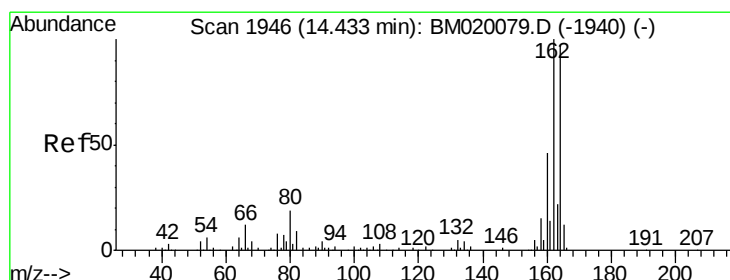
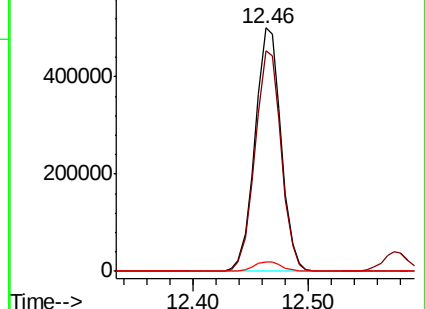
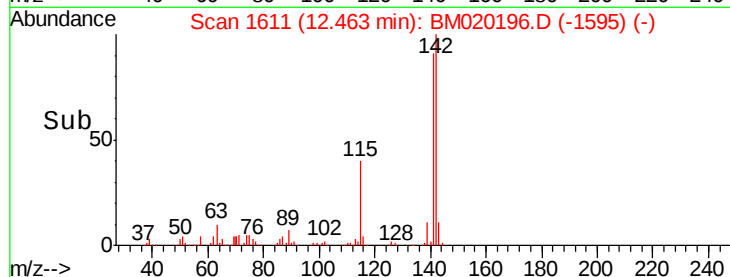
116 4.1 3.9 5.9



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: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

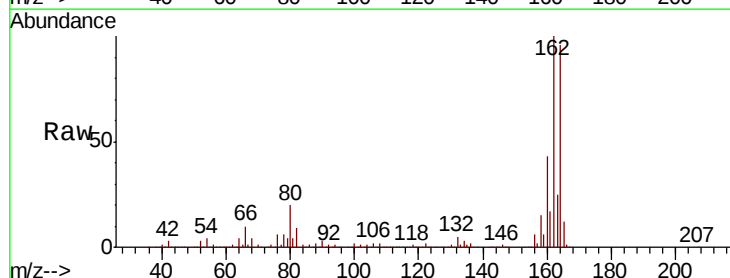
Tgt Ion:164 Resp: 3541451

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.2

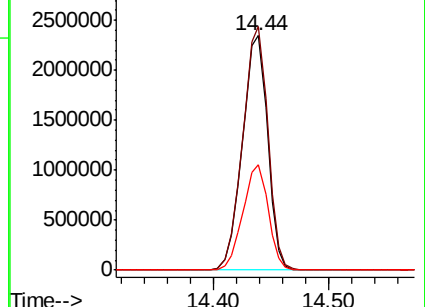
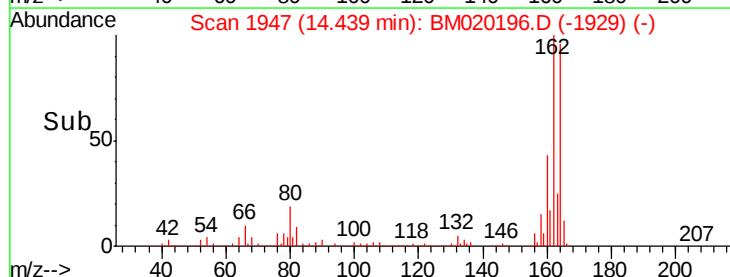
160 44.9 37.6 56.4

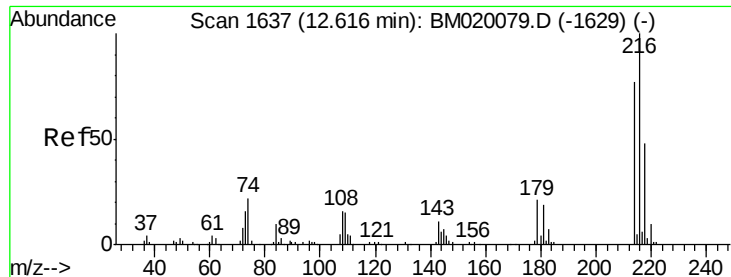


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

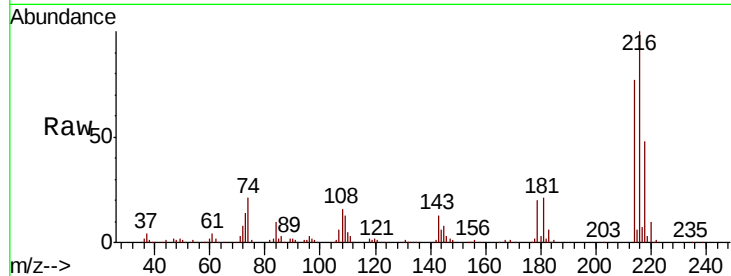




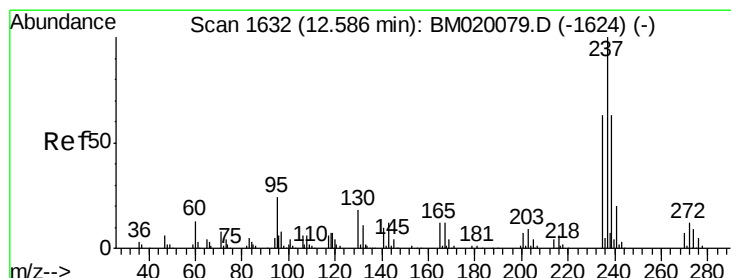
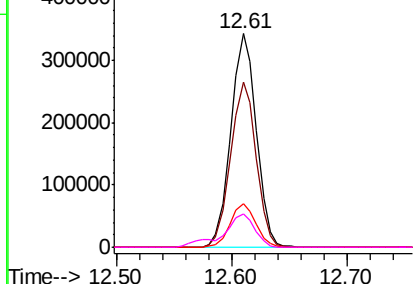
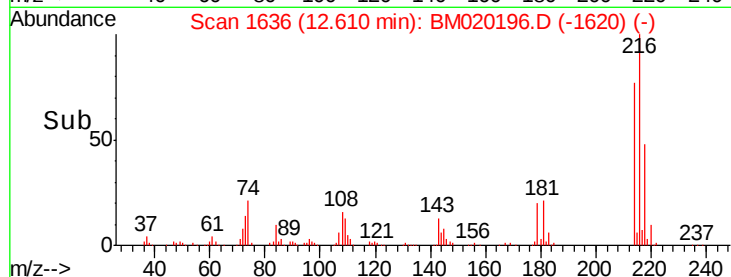
#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.777 ng
RT: 12.61 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tgt Ion:	216	Resp:	523363
Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.6	94.0
179	20.2	17.1	25.7
108	19.5	15.8	23.6

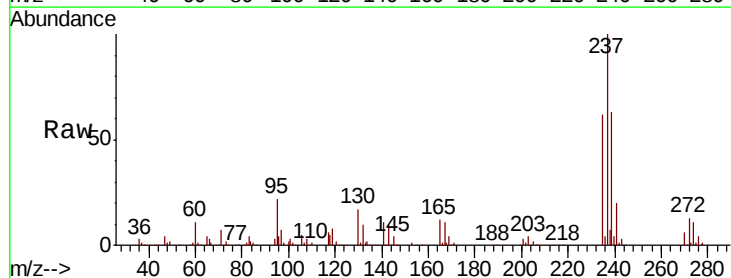


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

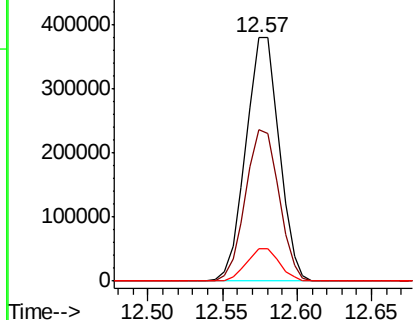
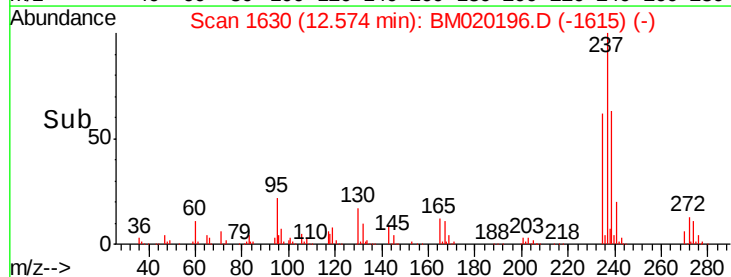


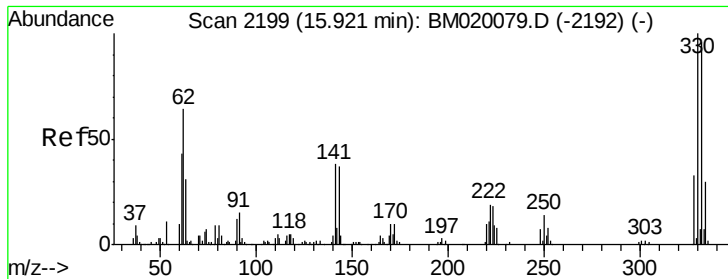
#41
Hexachlorocyclopentadiene
Concen: 7.208 ng
RT: 12.57 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion:	237	Resp:	588050
Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.4	83.4
272	13.1	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

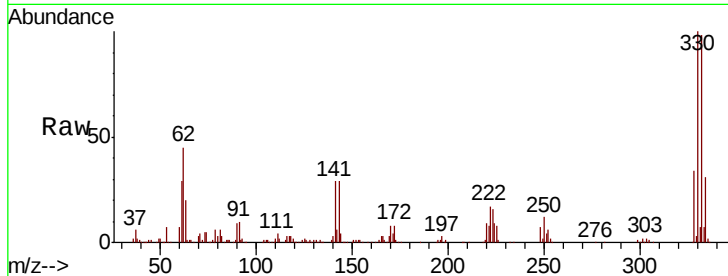




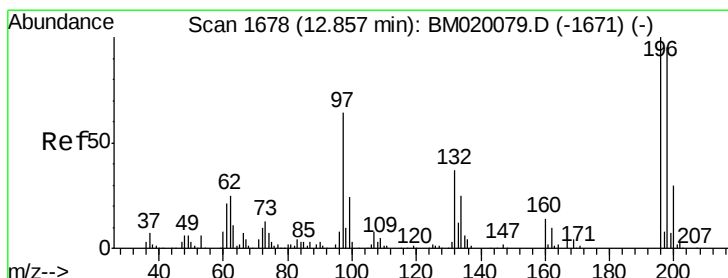
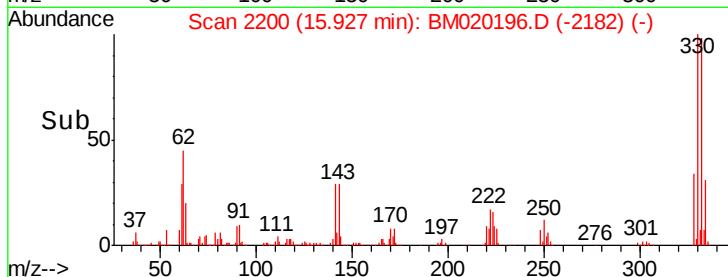
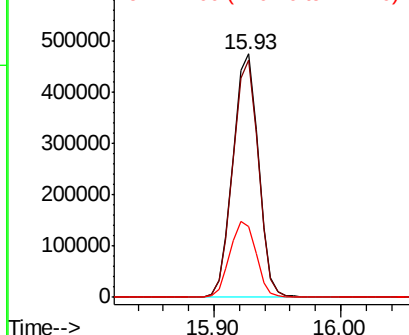
#42
 2,4,6-Tribromophenol
 Concen: 12.044 ng
 RT: 15.93 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tgt Ion:330 Resp: 662040
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 32.2 29.2 43.8

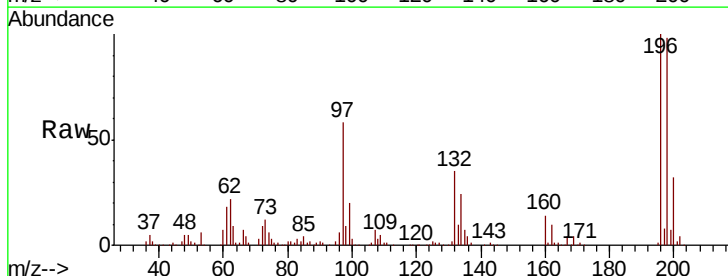


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

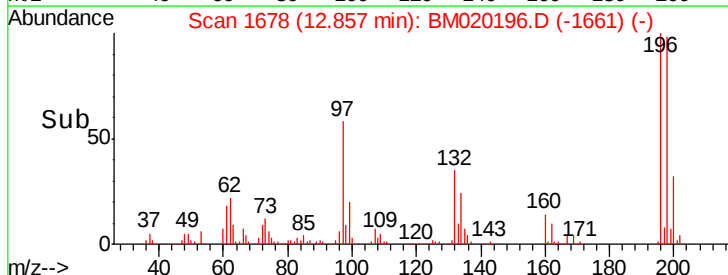
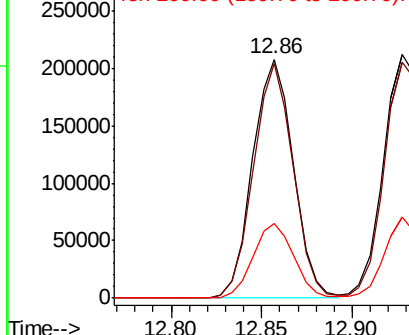


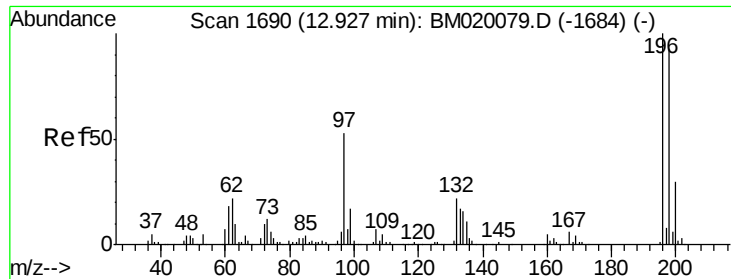
#43
 2,4,6-Trichlorophenol
 Concen: 4.115 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:196 Resp: 323998
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.2 114.2
 200 31.5 24.3 36.5



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





#44

2,4,5-Trichlorophenol

Concen: 3.832 ng

RT: 12.93 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

Tgt Ion:196 Resp: 337079

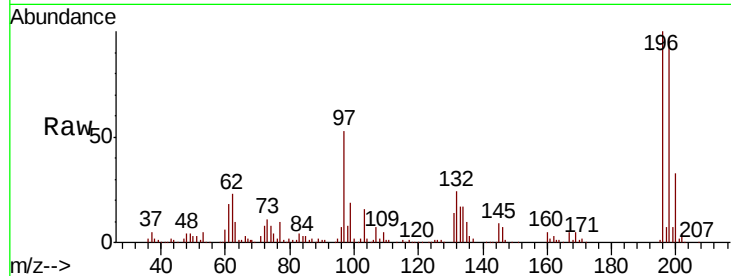
Ion Ratio Lower Upper

196 100

198 96.8 74.7 112.1

97 53.5 42.2 63.4

132 23.9 17.8 26.8

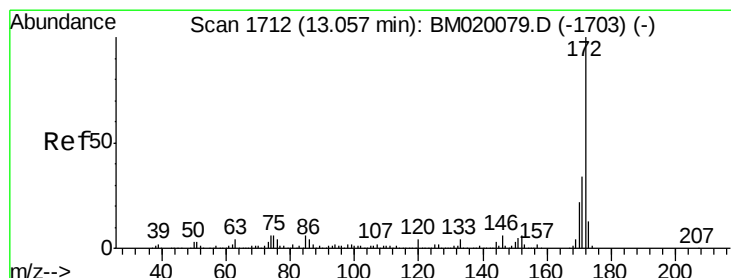
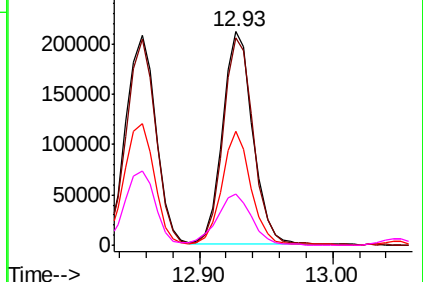
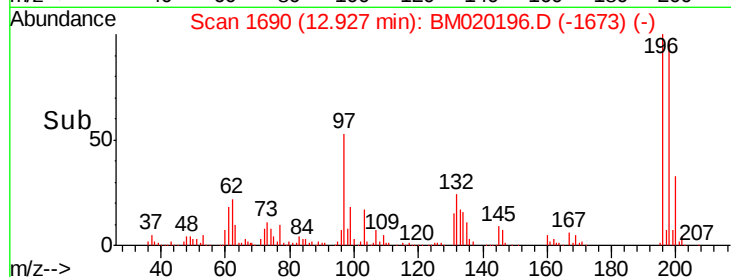


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 6.939 ng

RT: 13.05 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

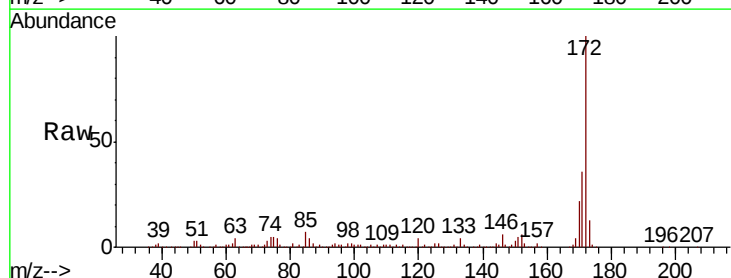
Tgt Ion:172 Resp: 1997298

Ion Ratio Lower Upper

172 100

171 36.0 27.3 40.9

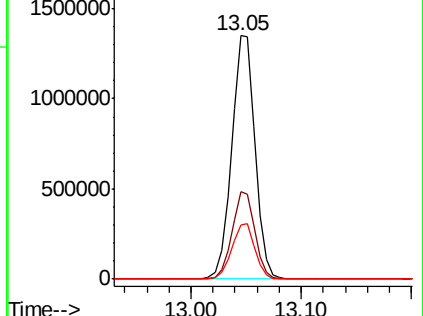
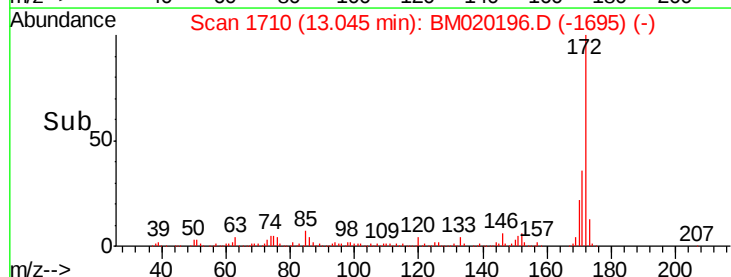
170 22.4 17.9 26.9

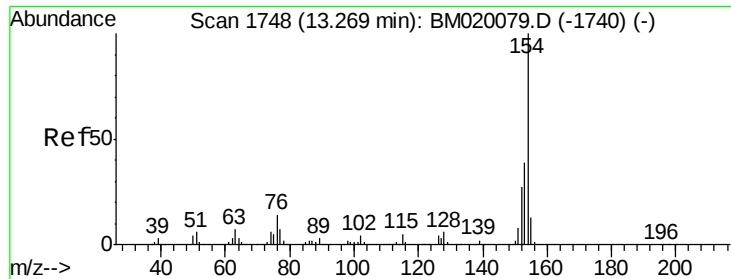


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

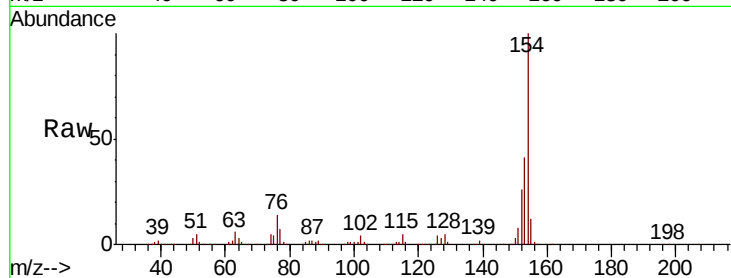




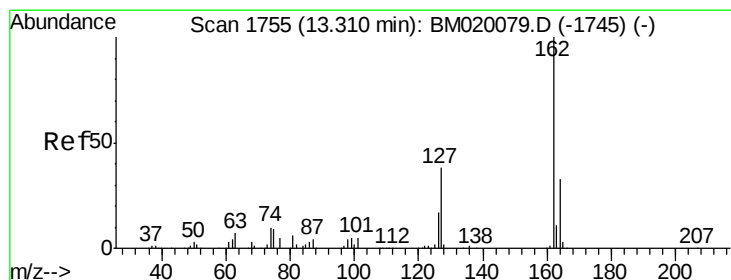
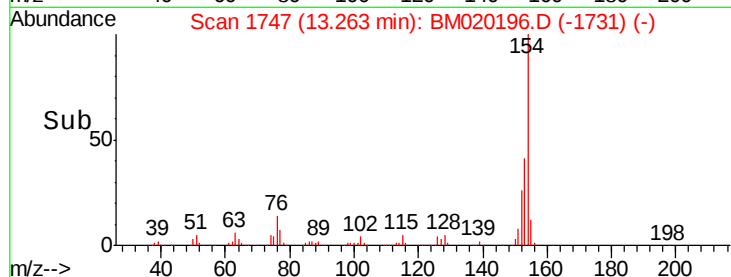
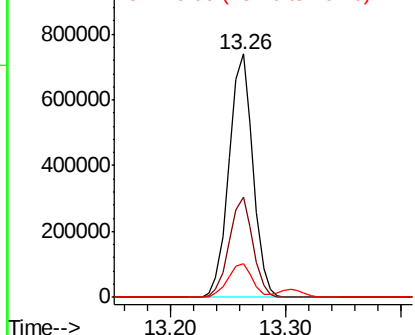
#46
 1,1'-Biphenyl
 Concen: 3.636 ng
 RT: 13.26 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tgt Ion:154 Resp: 1059956
 Ion Ratio Lower Upper
 154 100
 153 41.2 19.4 59.4
 76 13.7 0.0 34.5

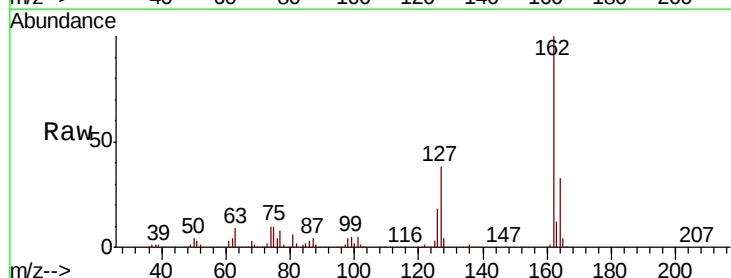


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

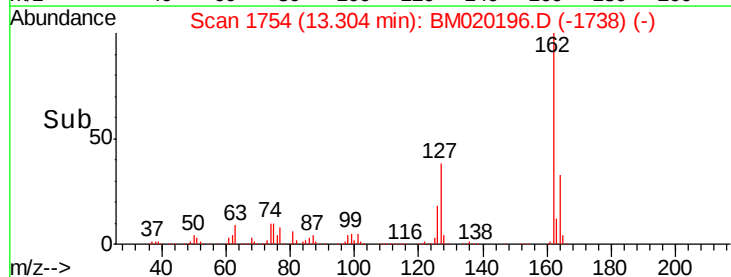
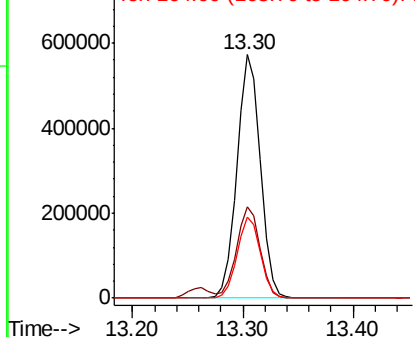


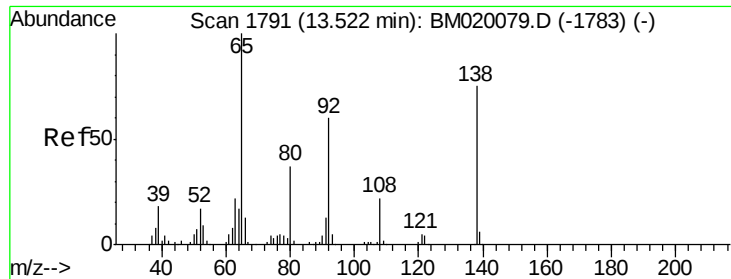
#47
 2-Chloronaphthalene
 Concen: 3.661 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:162 Resp: 852075
 Ion Ratio Lower Upper
 162 100
 127 37.6 31.0 46.4
 164 33.3 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

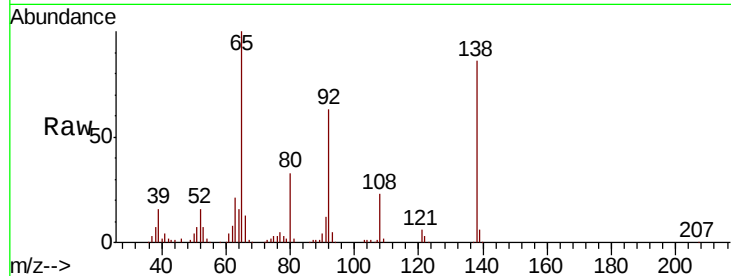




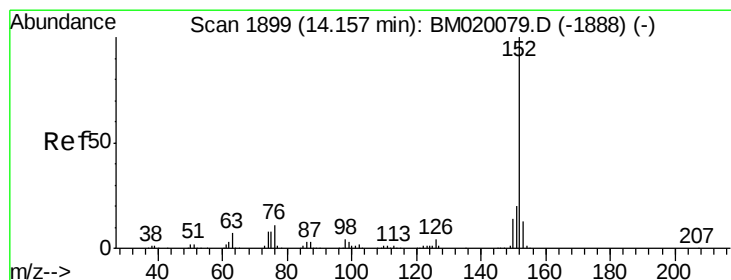
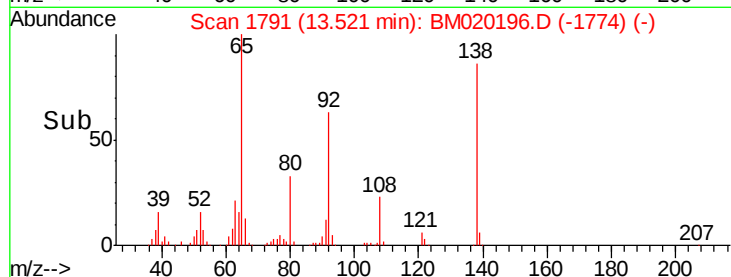
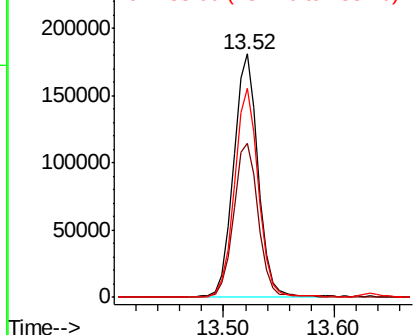
#48
2-Nitroaniline
Concen: 3.417 ng
RT: 13.52 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tgt Ion: 65 Resp: 283127
Ion Ratio Lower Upper
65 100
92 63.3 48.2 72.4
138 85.8 60.3 90.5

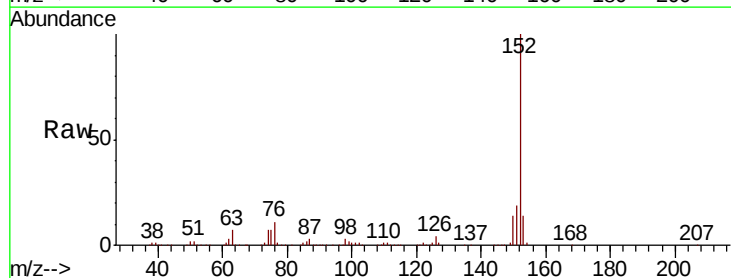


Abundance Ion 65.00 (64.70 to 65.70): BM020079.D (-1783) (-)
Ion 92.00 (91.70 to 92.70): BM020079.D (-1783) (-)
Ion 138.00 (137.70 to 138.70): BM020079.D (-1783) (-)

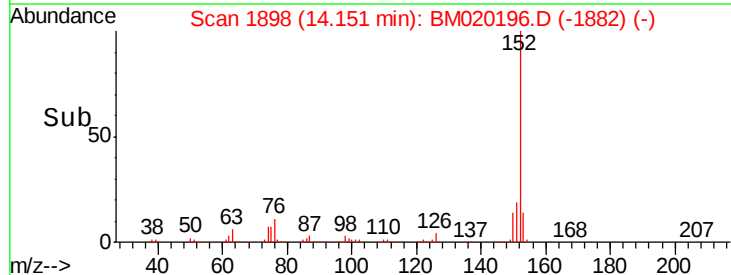
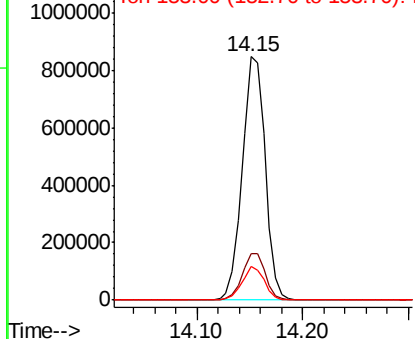


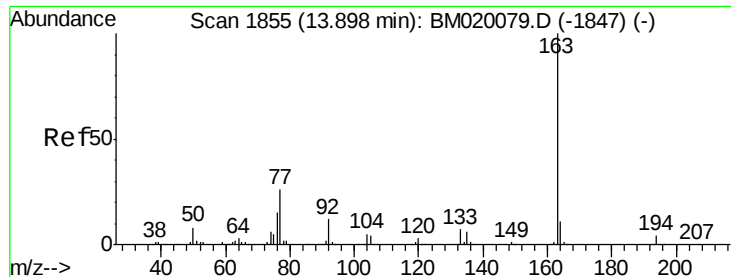
#49
Acenaphthylene
Concen: 3.430 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion: 152 Resp: 1277517
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 13.6 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM020079.D (-1888) (-)
Ion 151.00 (150.70 to 151.70): BM020079.D (-1888) (-)
Ion 153.00 (152.70 to 153.70): BM020079.D (-1888) (-)





#50

Dimethylphthalate

Concen: 3.375 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

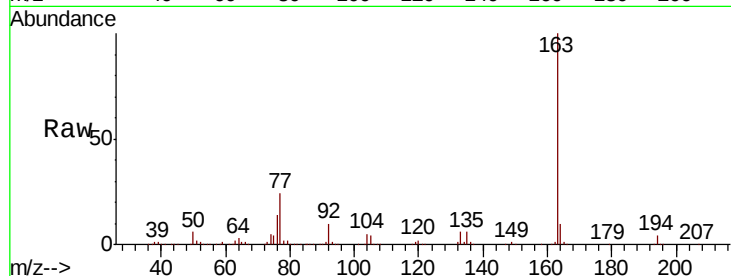
Tgt Ion:163 Resp: 1015839

Ion Ratio Lower Upper

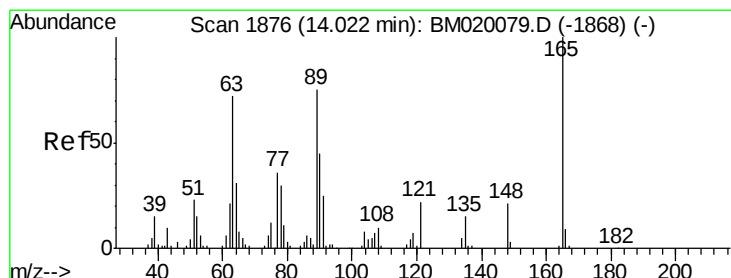
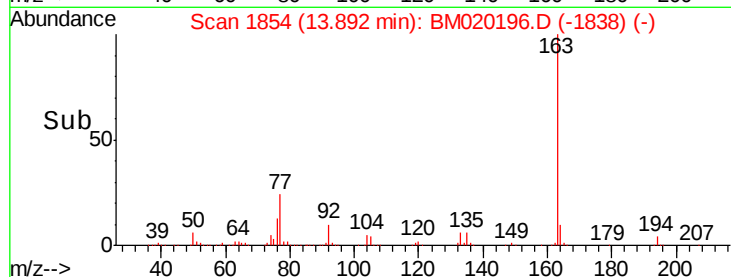
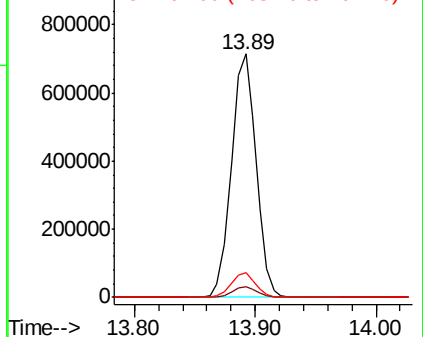
163 100

194 4.5 3.6 5.4

164 9.9 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: 3.465 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

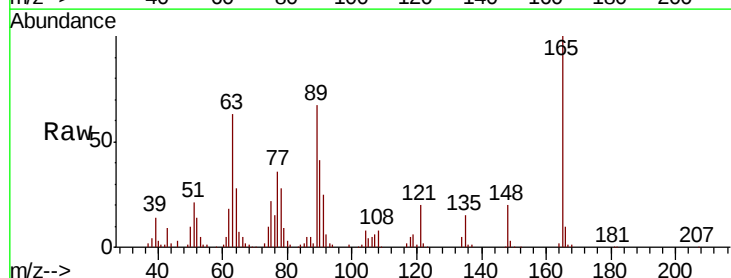
Tgt Ion:165 Resp: 219665

Ion Ratio Lower Upper

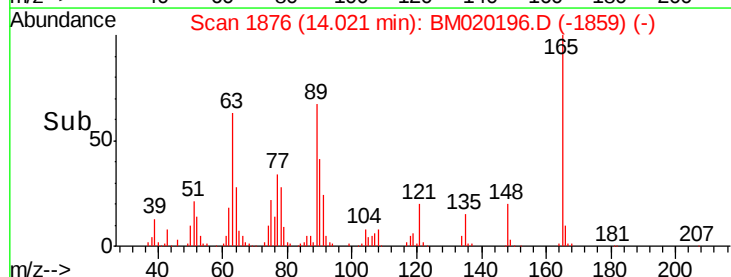
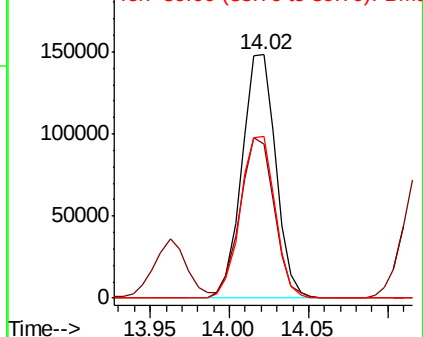
165 100

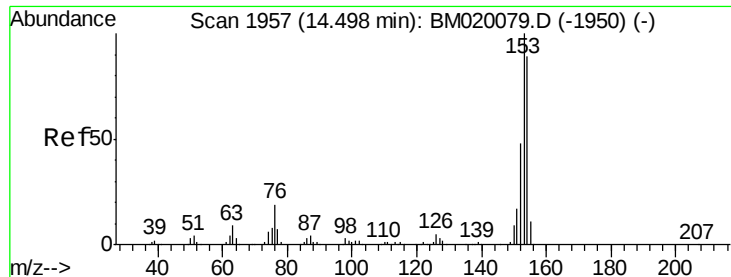
63 63.0 60.3 90.5

89 66.6 59.8 89.6



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





#52

Acenaphthene

Concen: 3.501 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

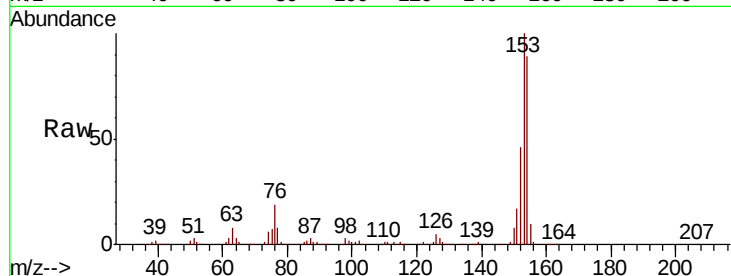
Tgt Ion:154 Resp: 747876

Ion Ratio Lower Upper

154 100

153 112.2 90.2 135.2

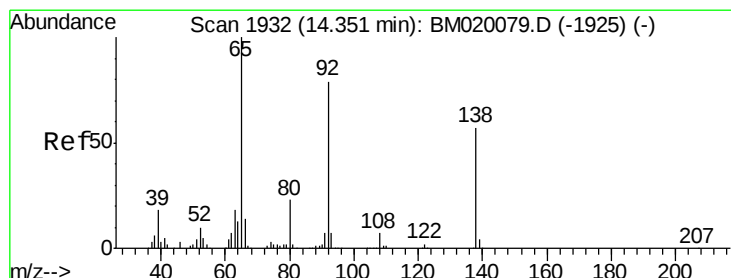
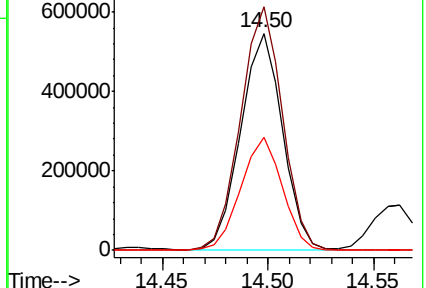
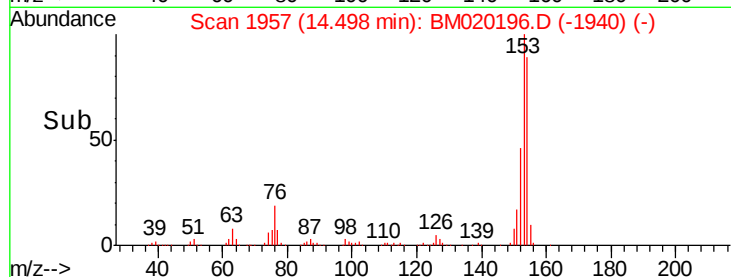
152 51.9 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 2.550 ng

RT: 14.35 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

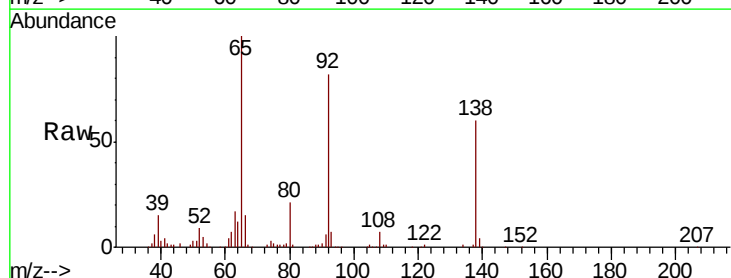
Tgt Ion:138 Resp: 150049

Ion Ratio Lower Upper

138 100

108 11.9 10.4 15.6

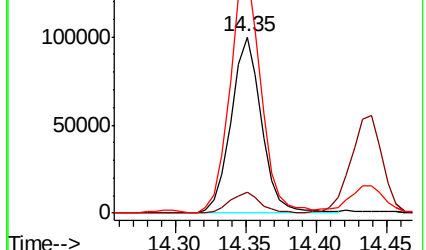
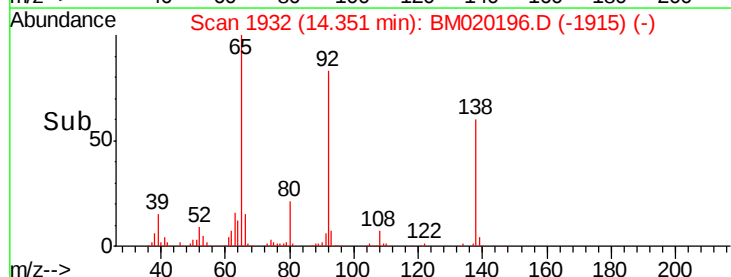
92 138.2 111.3 166.9

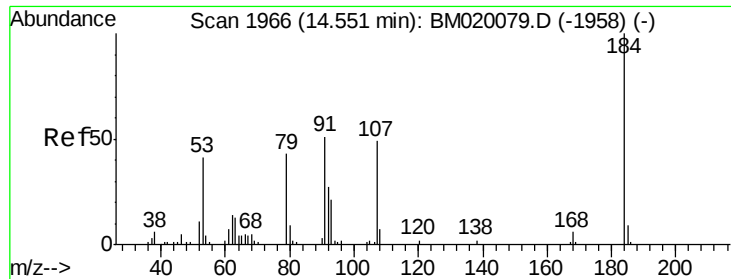


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

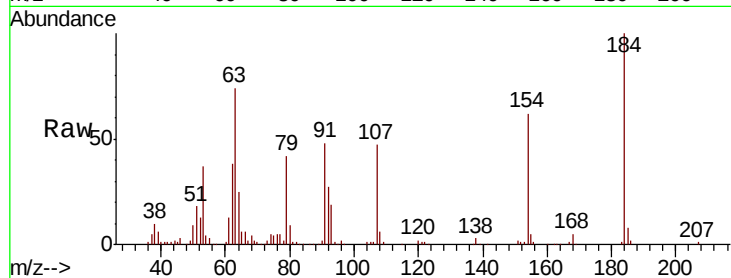




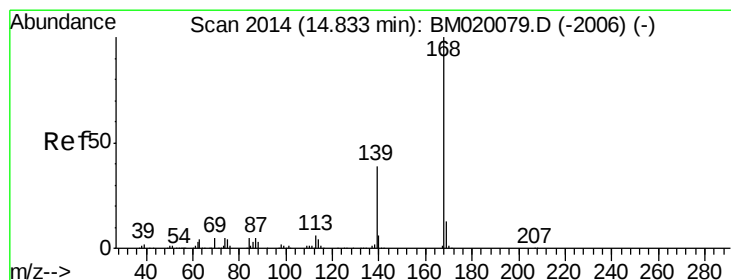
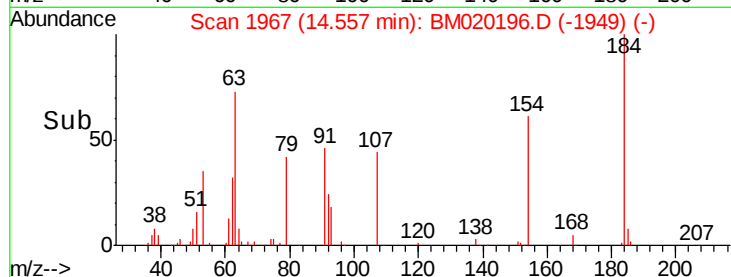
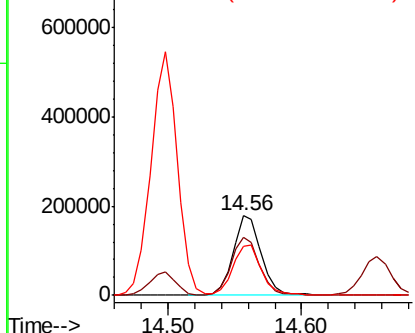
#54
2,4-Dinitrophenol
Concen: 15.827 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tgt Ion:184 Resp: 261236
Ion Ratio Lower Upper
184 100
63 73.9 68.9 103.3
154 62.3 54.4 81.6

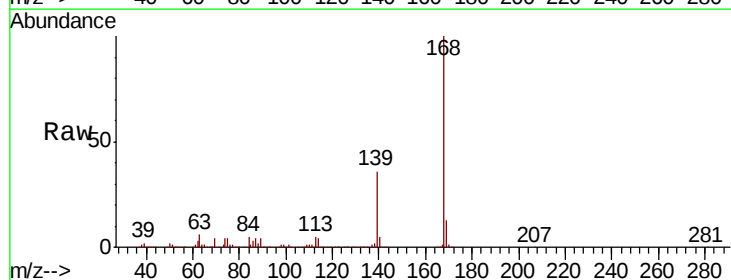


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

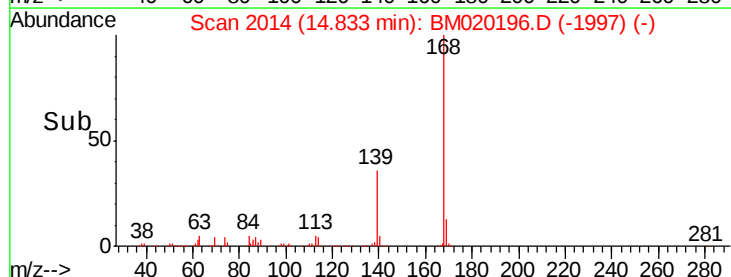
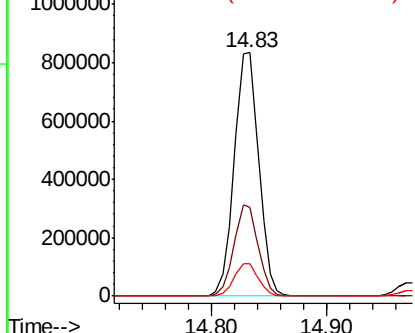


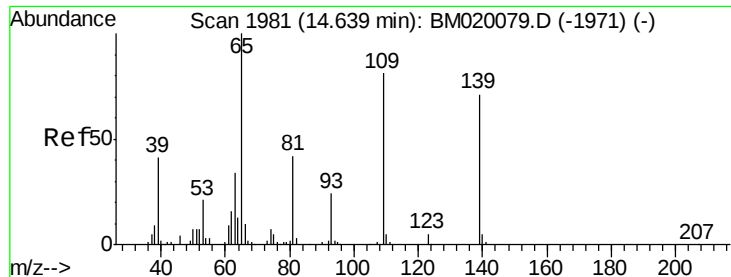
#55
Dibenzofuran
Concen: 3.419 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion:168 Resp: 1231801
Ion Ratio Lower Upper
168 100
139 36.4 31.1 46.7
169 13.2 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

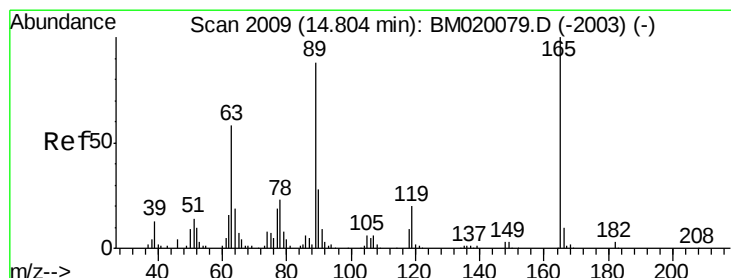
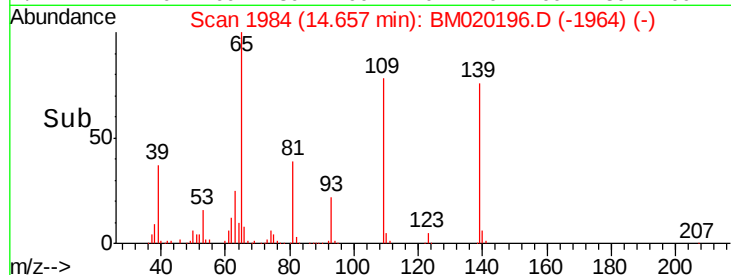
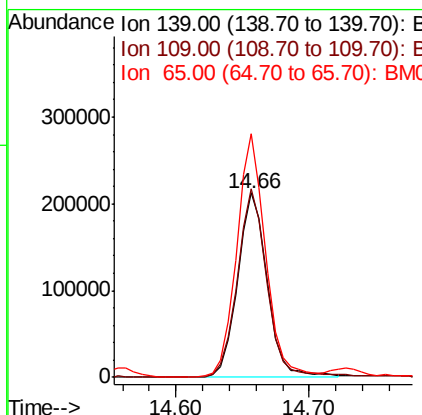
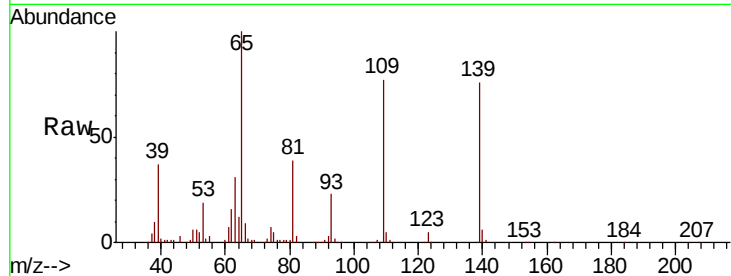




#56
4-Nitrophenol
Concen: 6.498 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

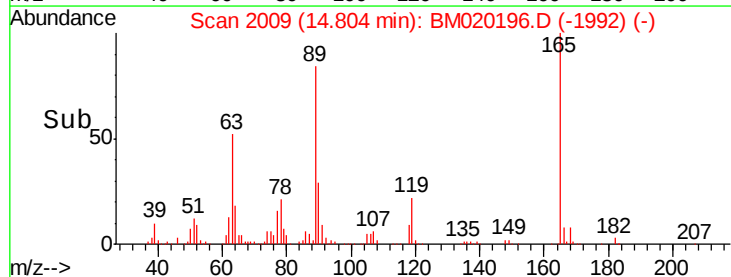
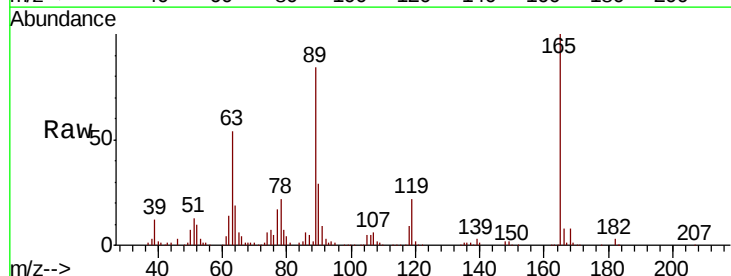
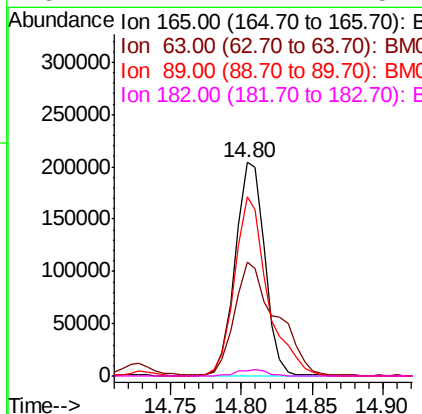
Instrument :
BNA_M
ClientSampleId :
PB119532BS

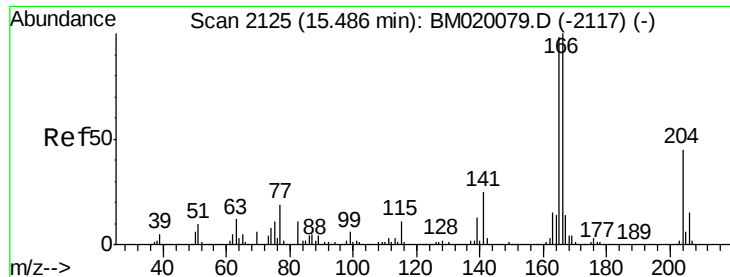
Tgt Ion:139 Resp: 326214
Ion Ratio Lower Upper
139 100
109 102.3 94.1 134.1
65 132.1 120.9 160.9



#57
2,4-Dinitrotoluene
Concen: 3.453 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion:165 Resp: 297414
Ion Ratio Lower Upper
165 100
63 53.6 46.2 69.2
89 83.9 70.6 105.8
182 2.7 2.2 3.2

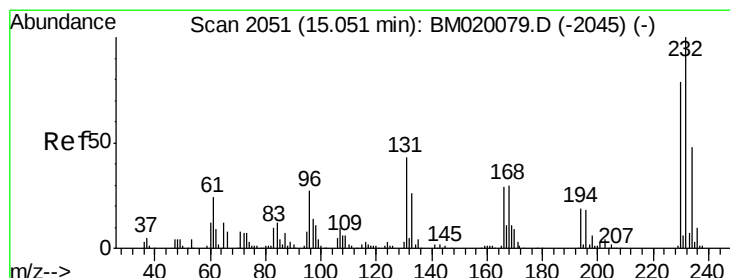
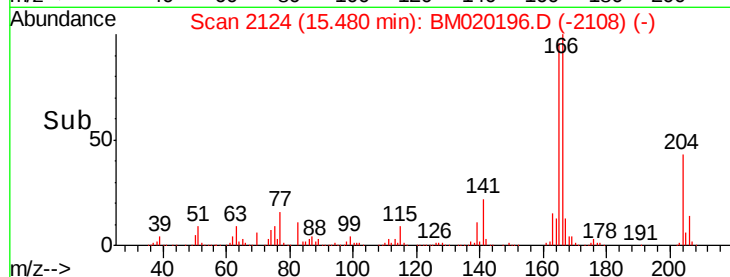
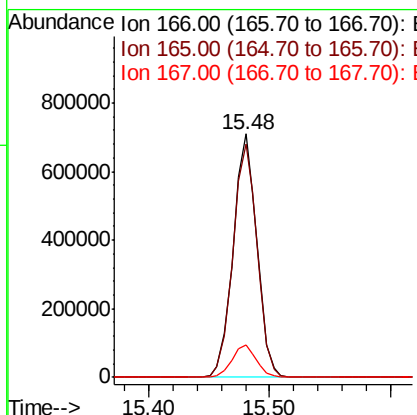
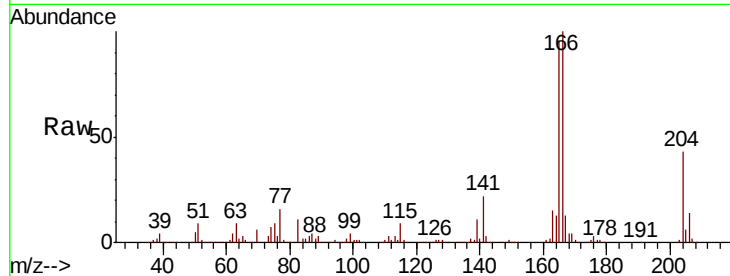




#58
 Fluorene
 Concen: 3.275 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

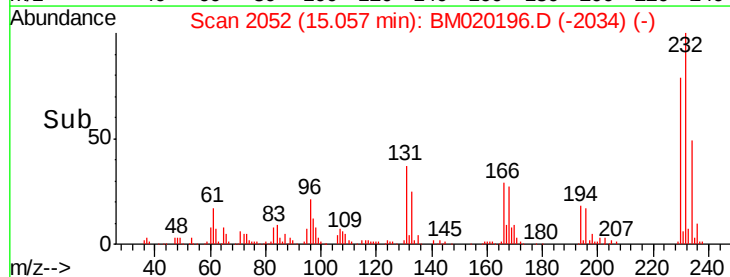
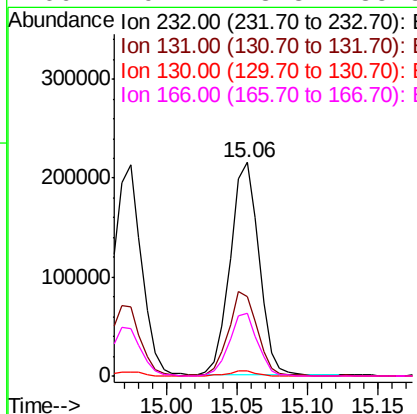
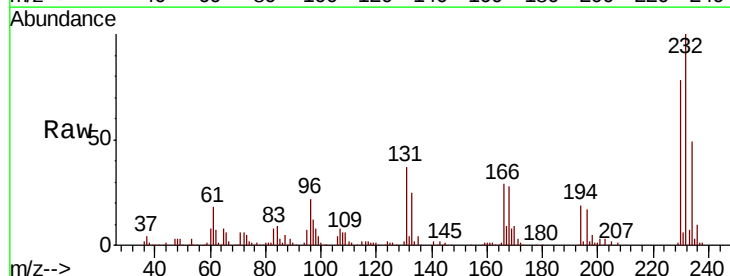
Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

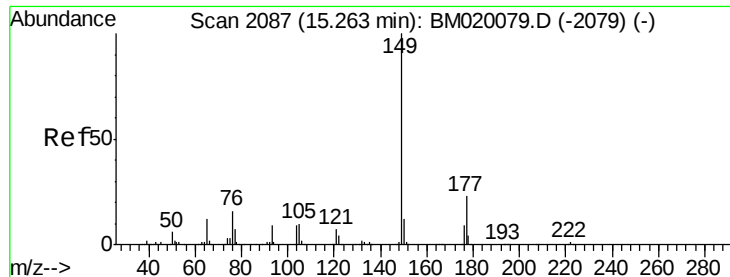
Tgt Ion:166 Resp: 969088
 Ion Ratio Lower Upper
 166 100
 165 96.1 78.2 117.2
 167 13.4 11.0 16.4



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.656 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:232 Resp: 305626
 Ion Ratio Lower Upper
 232 100
 131 39.1 34.2 51.4
 130 2.3 2.0 3.0
 166 29.2 23.8 35.8

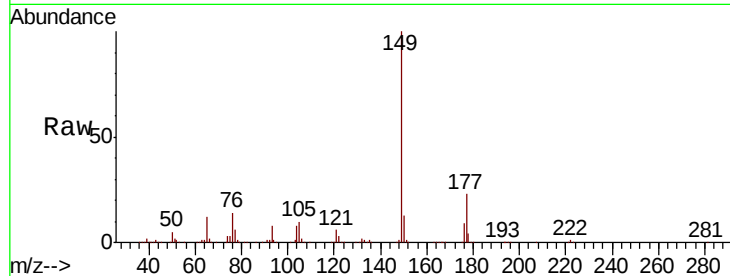




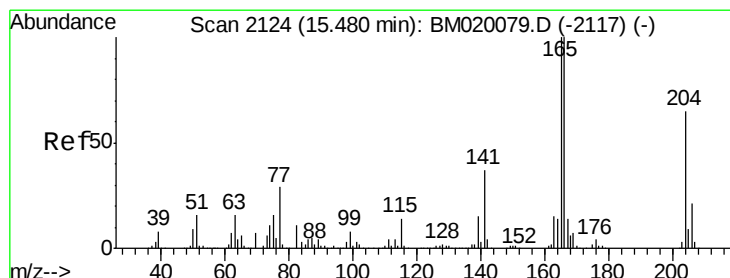
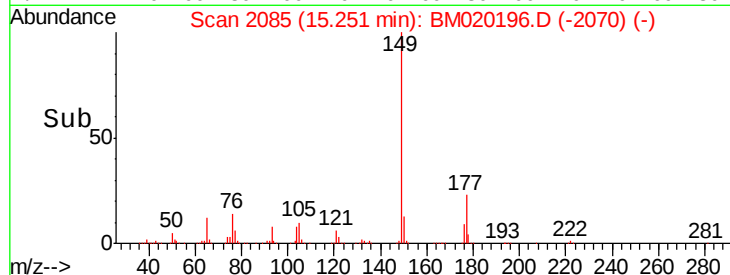
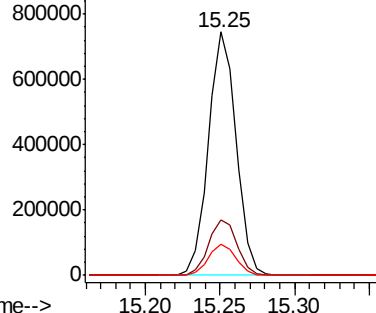
#60
Diethylphthalate
Concen: 3.164 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampled :
PB119532BS

Tgt Ion:149 Resp: 959344
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 12.6 9.9 14.9

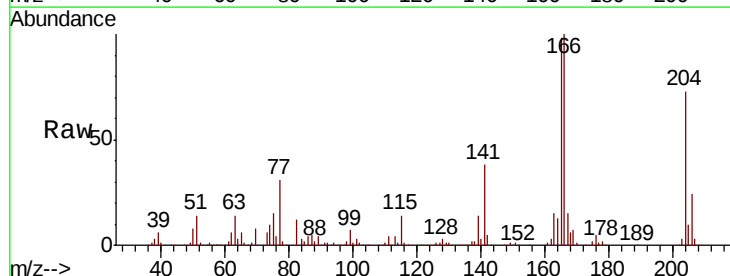


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

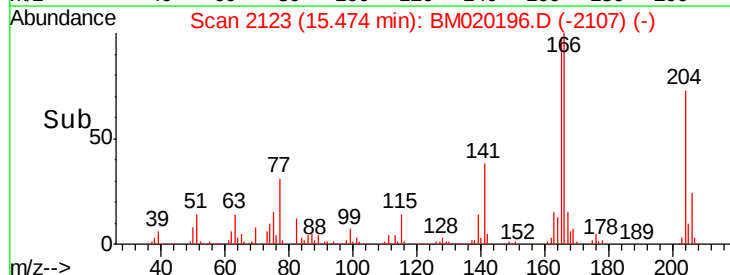
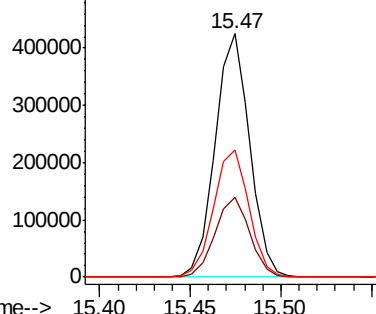


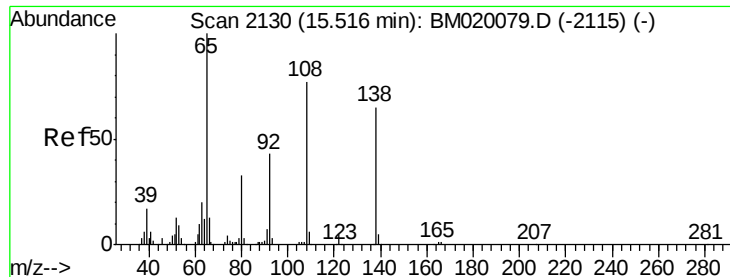
#61
4-Chlorophenyl-phenylether
Concen: 3.354 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion:204 Resp: 562392
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 52.3 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

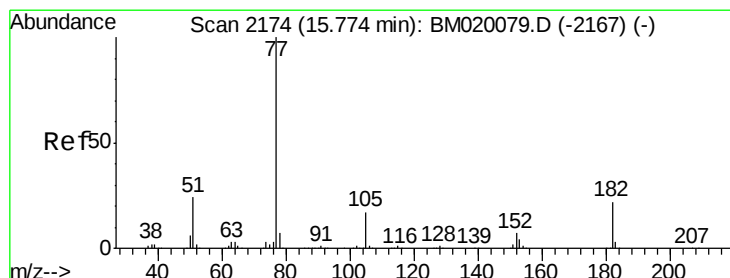
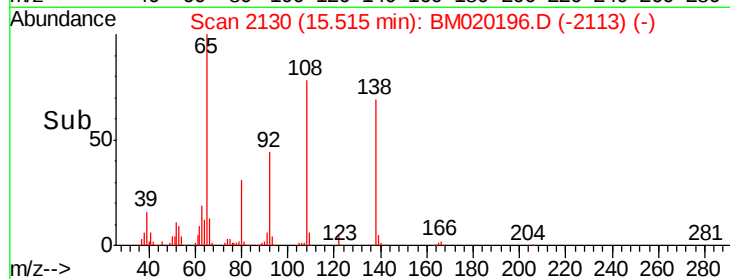
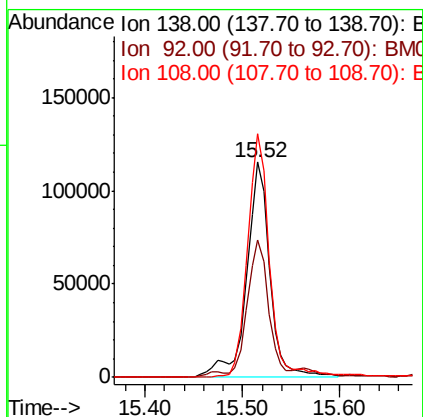
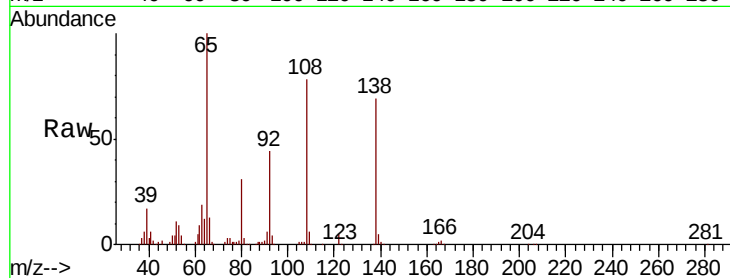




#62
4-Nitroaniline
Concen: 2.952 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

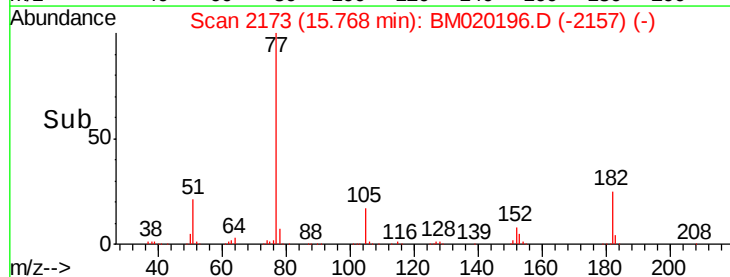
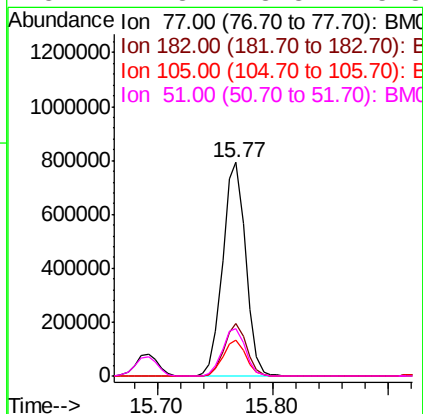
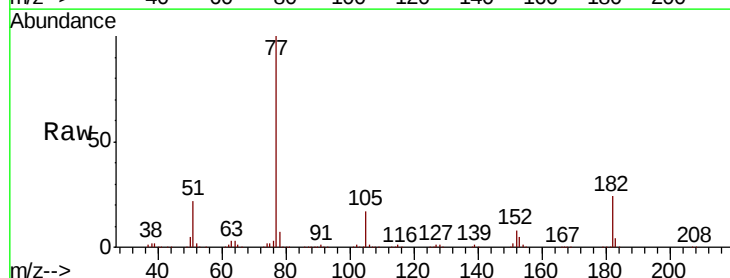
Instrument :
BNA_M
ClientSampleId :
PB119532BS

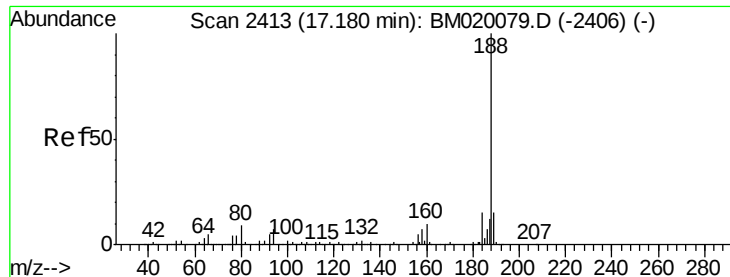
Tgt Ion: 138 Resp: 191669
Ion Ratio Lower Upper
138 100
92 63.5 45.9 85.9
108 113.0 97.7 137.7



#63
Azobenzene
Concen: 3.035 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion: 77 Resp: 1085628
Ion Ratio Lower Upper
77 100
182 24.3 2.1 42.1
105 16.8 0.0 36.8
51 22.3 3.8 43.8

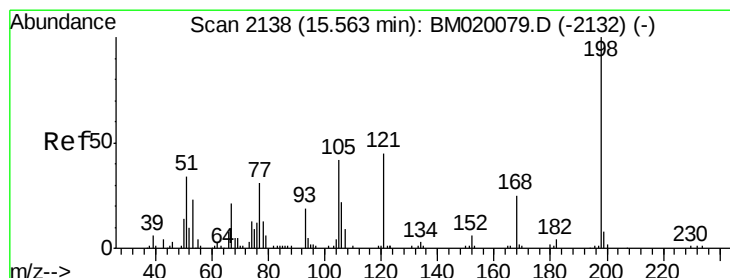
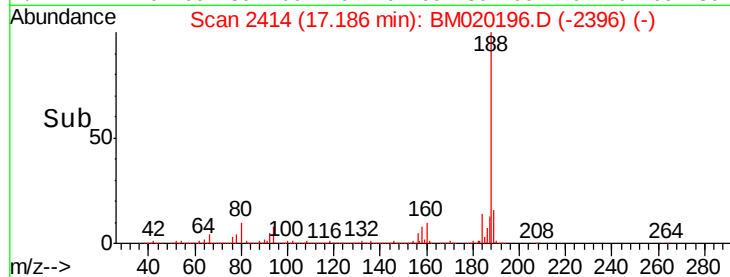
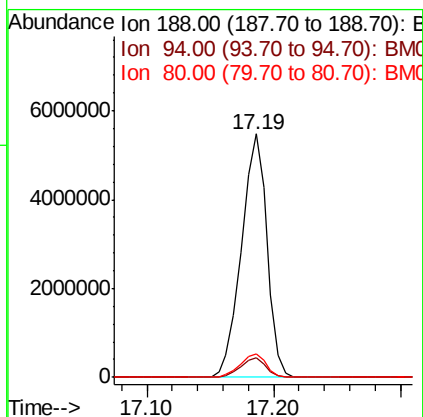
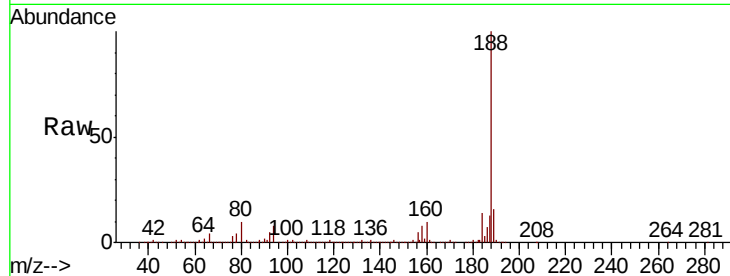




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

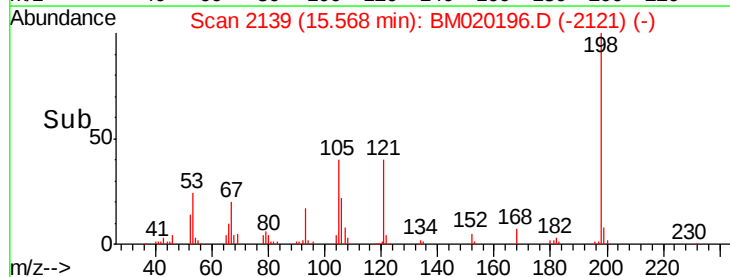
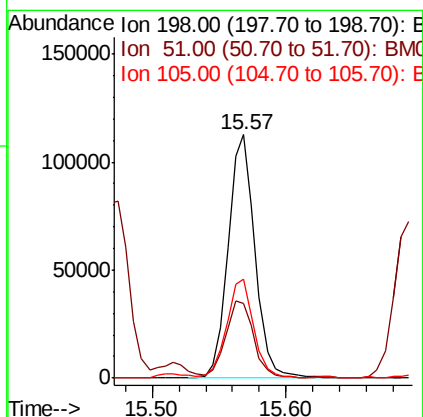
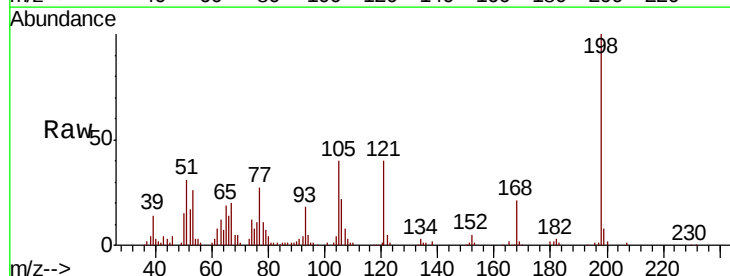
Instrument :
BNA_M
ClientSampleId :
PB119532BS

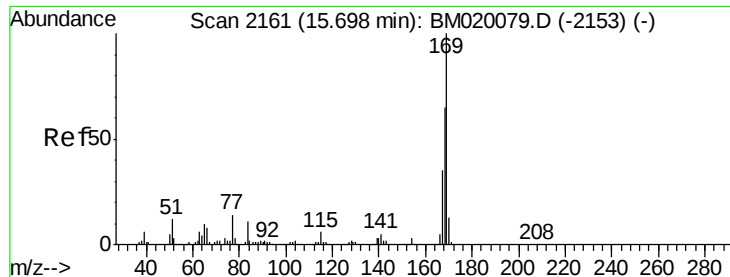
Tgt Ion:188 Resp: 7644229
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 9.8 7.4 11.2



#65
4,6-Dinitro-2-methylphenol
Concen: 10.658 ng
RT: 15.57 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion:198 Resp: 158503
Ion Ratio Lower Upper
198 100
51 30.6 16.5 56.5
105 40.4 22.8 62.8

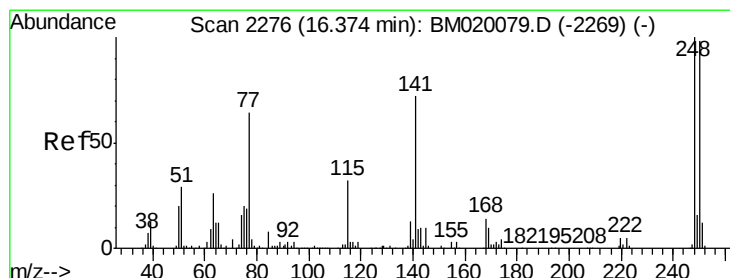
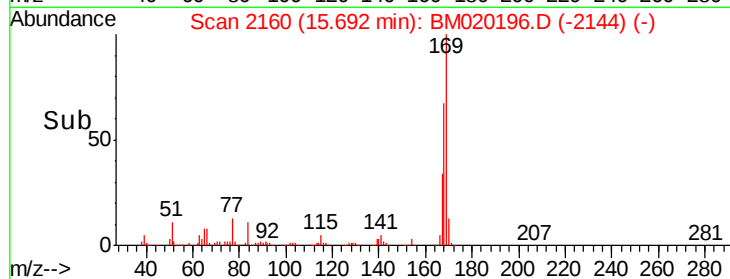
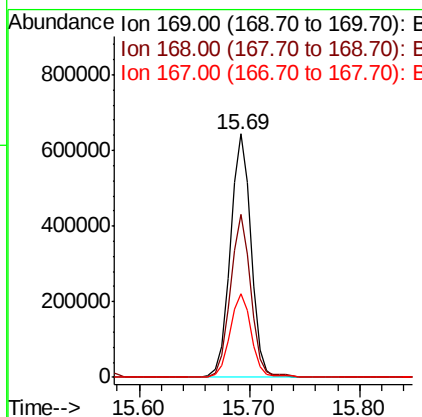
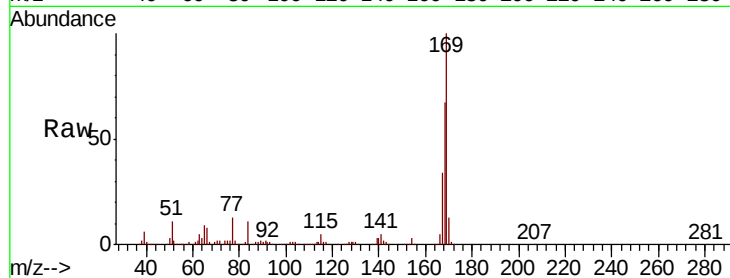




#66
 n-Nitrosodiphenylamine
 Concen: 3.756 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

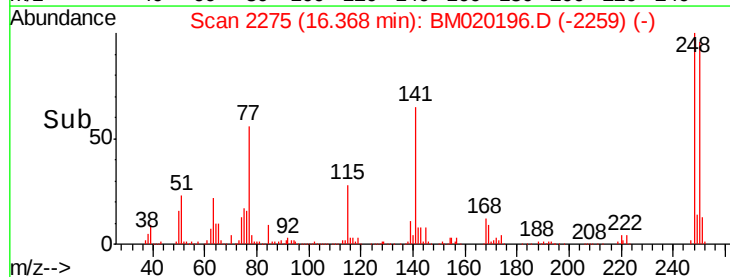
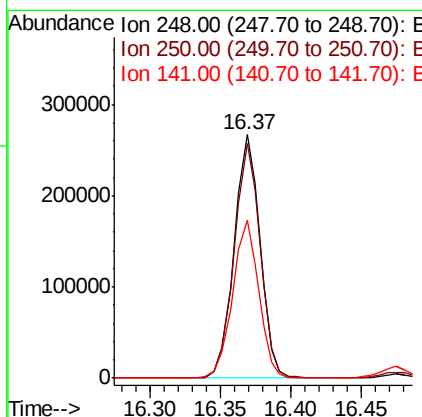
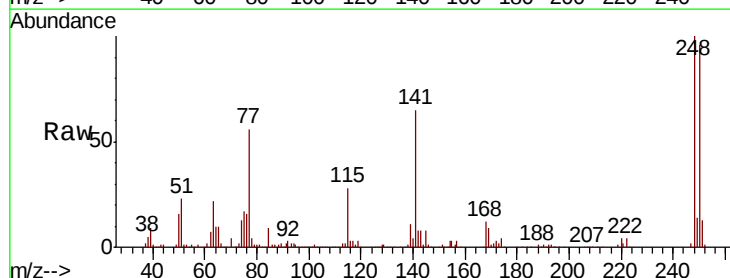
Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

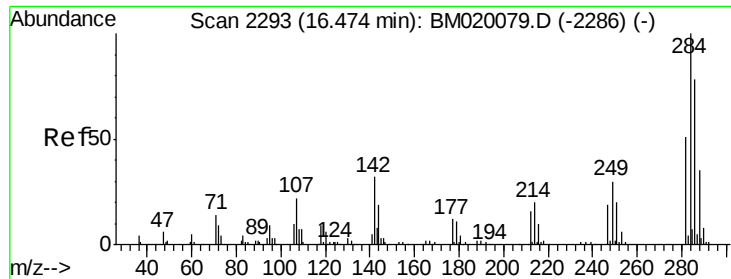
Tgt Ion:169 Resp: 844884
 Ion Ratio Lower Upper
 169 100
 168 66.7 51.9 77.9
 167 34.4 27.8 41.6



#67
 4-Bromophenyl-phenylether
 Concen: 3.645 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:248 Resp: 341650
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.4 117.6
 141 64.7 57.4 86.2





#68

Hexachlorobenzene

Concen: 3.617 ng

RT: 16.47 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

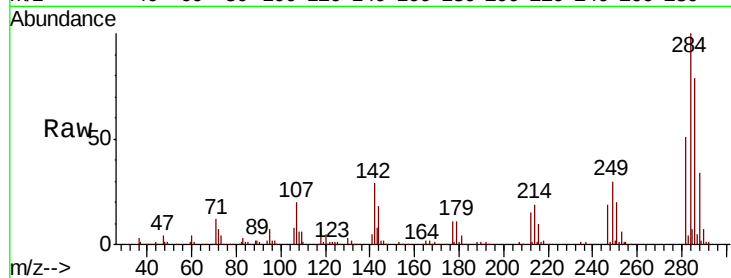
Tgt Ion:284 Resp: 390174

Ion Ratio Lower Upper

284 100

142 28.8 25.2 37.8

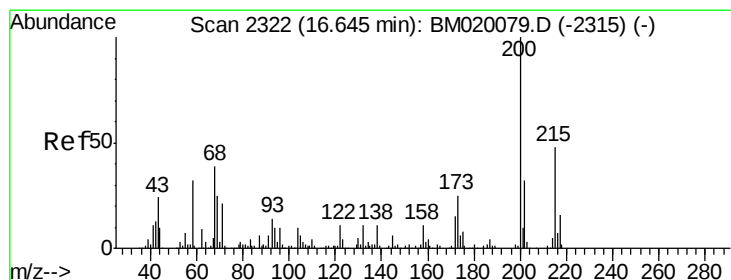
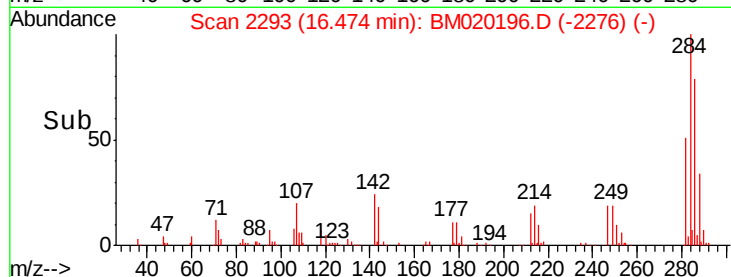
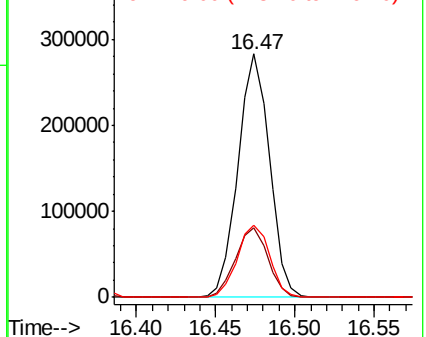
249 29.8 23.6 35.4



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: 3.265 ng

RT: 16.64 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

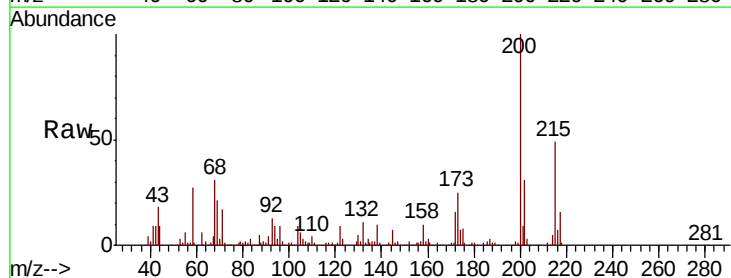
Tgt Ion:200 Resp: 287006

Ion Ratio Lower Upper

200 100

173 24.9 4.6 44.6

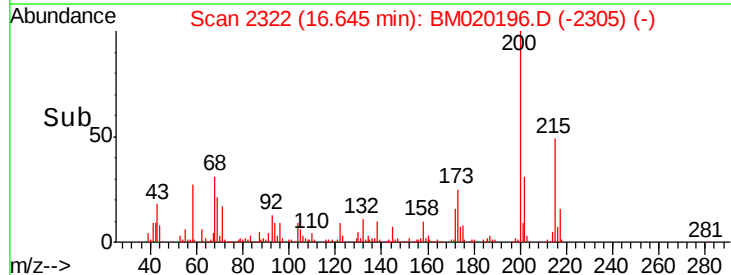
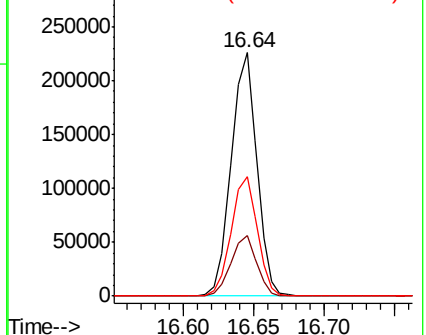
215 49.3 28.0 68.0

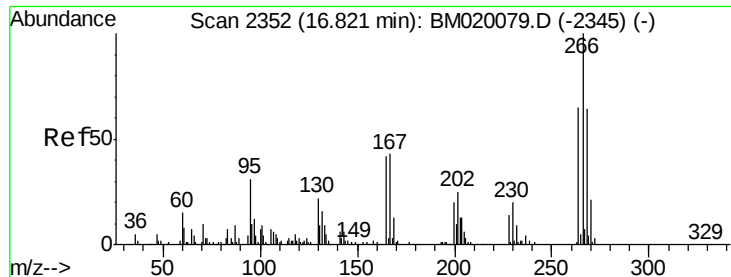


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

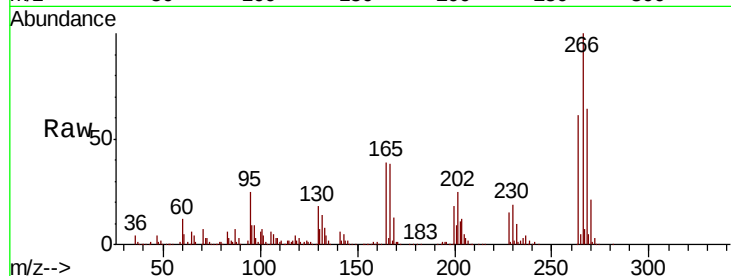




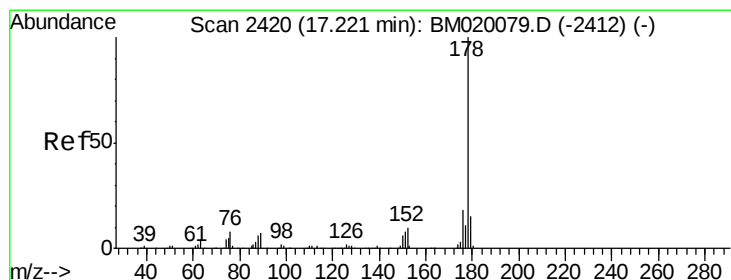
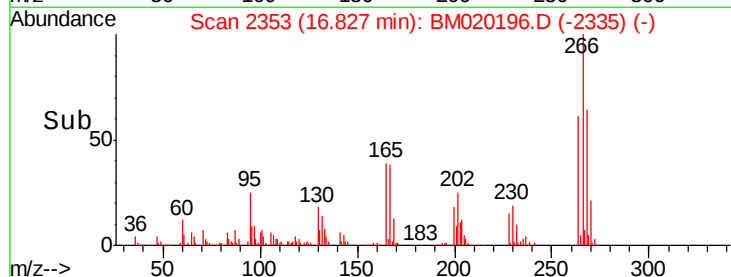
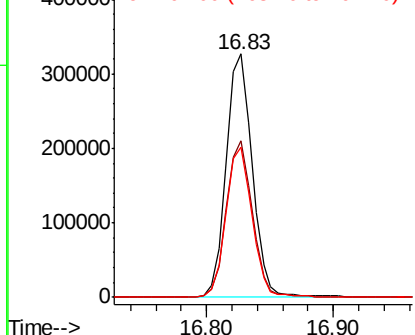
#70
 Pentachlorophenol
 Concen: 7.538 ng
 RT: 16.83 min Scan# 2353
 Delta R.T. 0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tgt Ion: 266 Resp: 465216
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.4 77.0
 264 61.5 52.0 78.0

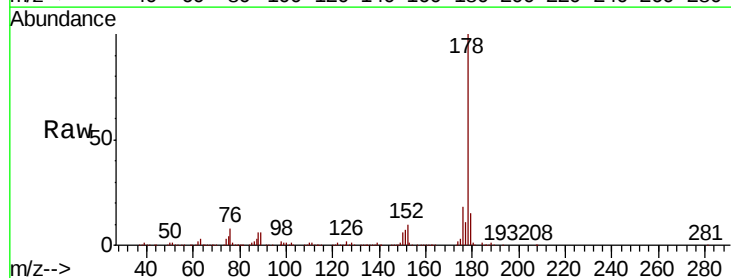


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

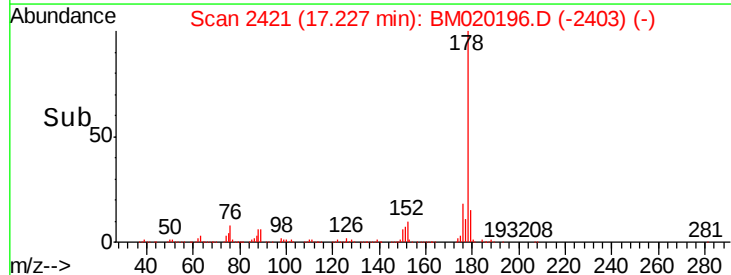
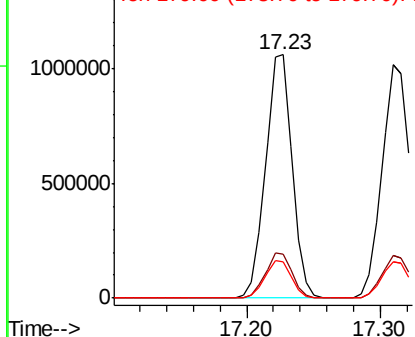


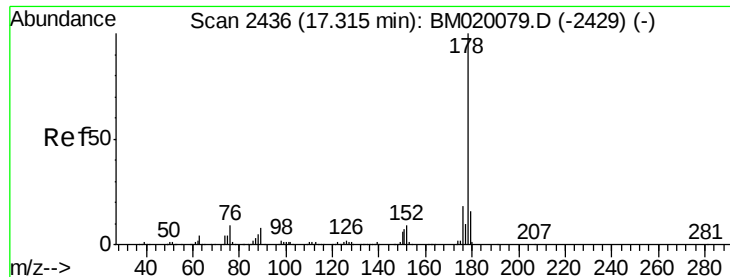
#71
 Phenanthrene
 Concen: 3.489 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. 0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion: 178 Resp: 1472249
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.6 21.8
 179 14.8 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

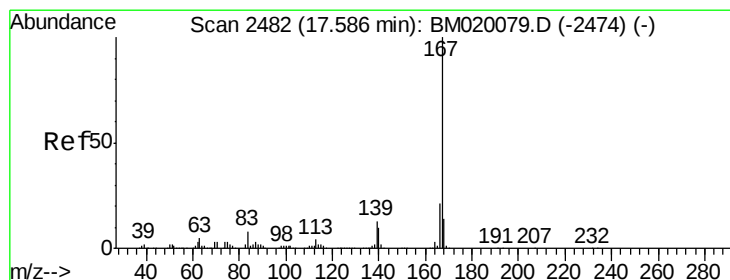
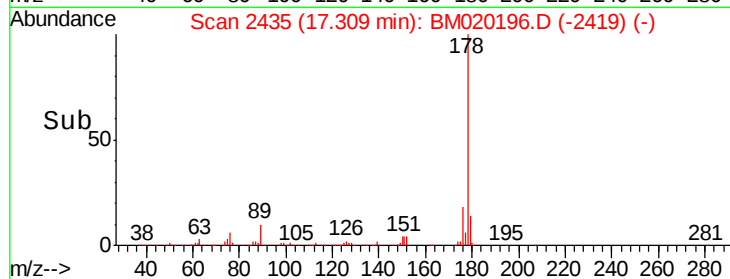
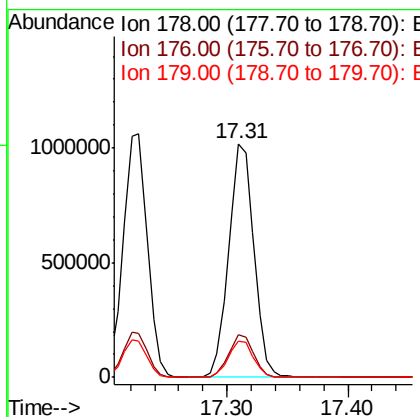
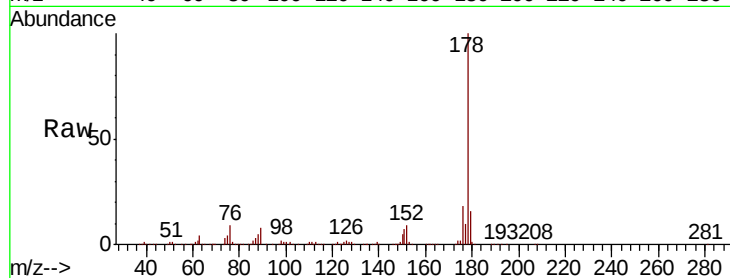




#72
 Anthracene
 Concen: 3.502 ng
 RT: 17.31 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

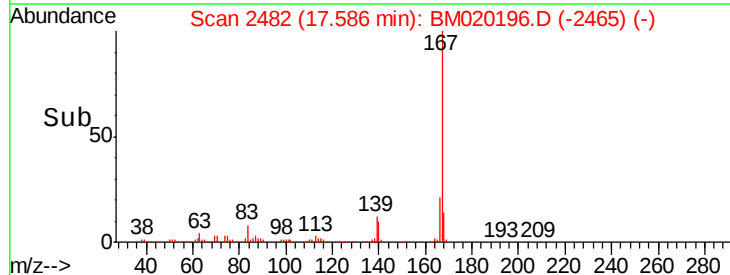
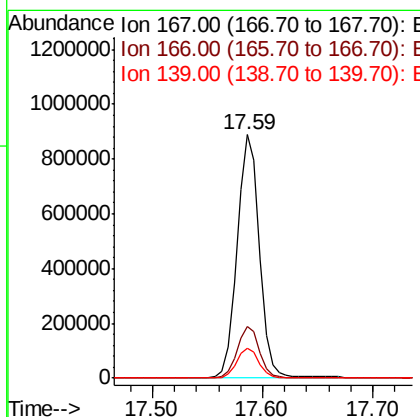
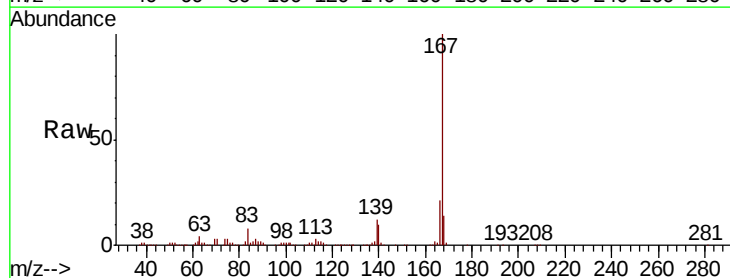
Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

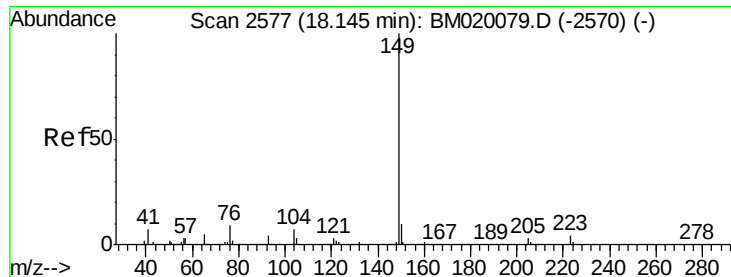
Tgt Ion:178 Resp: 1477285
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 15.6 12.4 18.6



#73
 Carbazole
 Concen: 3.322 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:167 Resp: 1264431
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.1 10.6 16.0

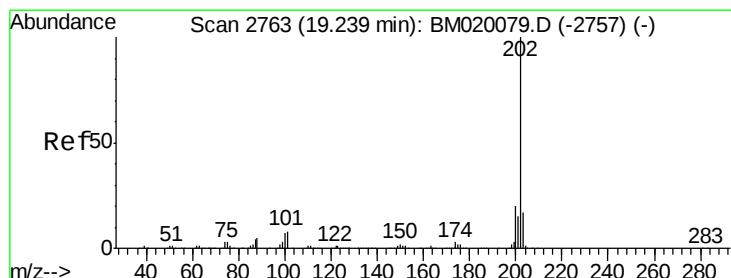
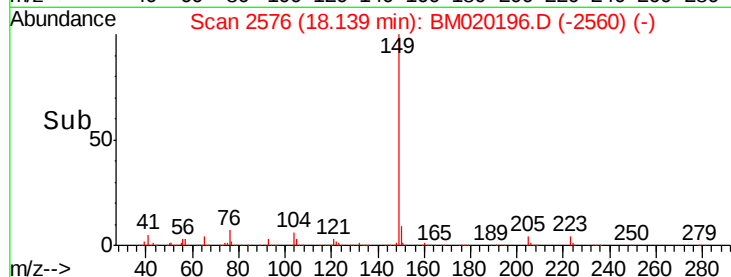
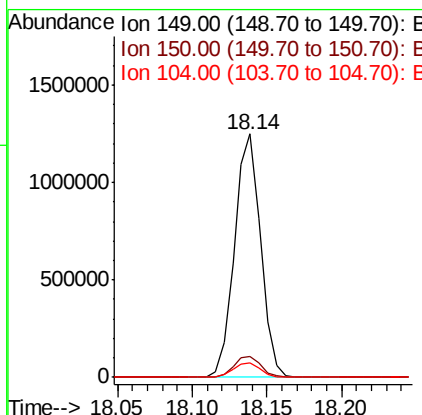
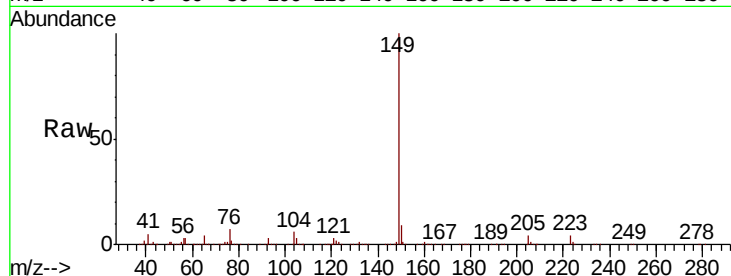




#74
Di-n-butylphthalate
Concen: 3.331 ng
RT: 18.14 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

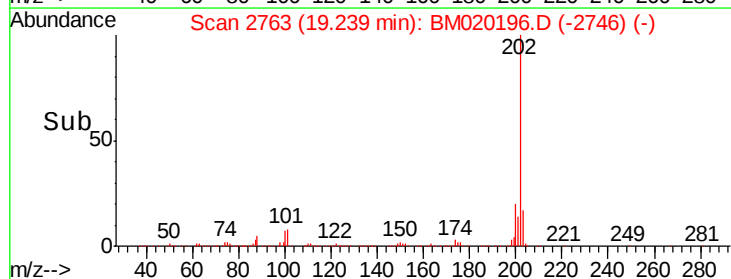
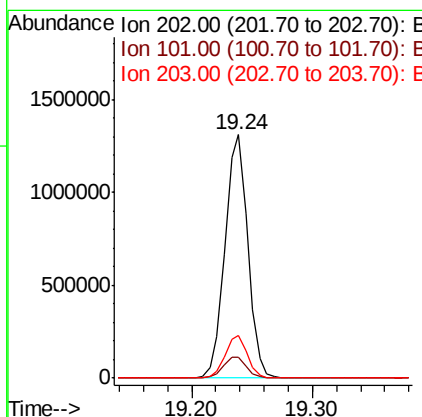
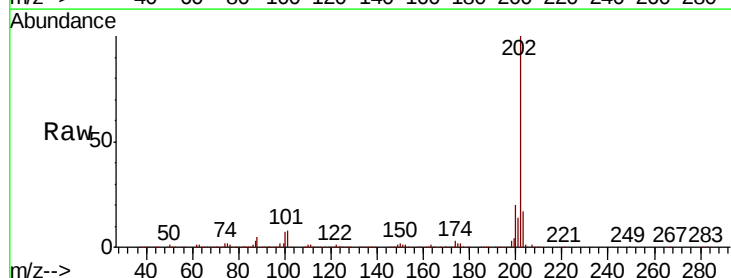
Instrument :
BNA_M
ClientSampleId :
PB119532BS

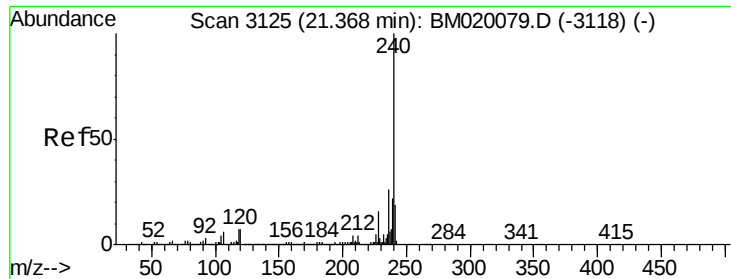
Tgt Ion:149 Resp: 1526011
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.6
104 6.2 5.7 8.5



#75
Fluoranthene
Concen: 3.214 ng
RT: 19.24 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion:202 Resp: 1715879
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.4
203 17.3 0.0 37.4

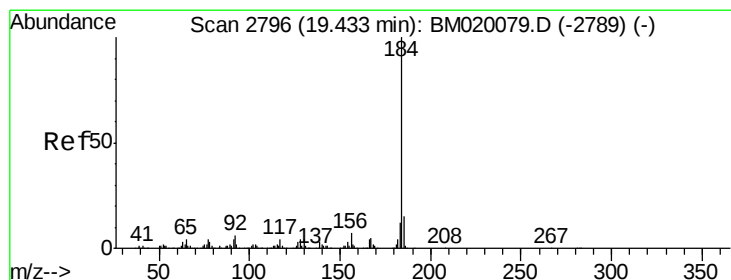
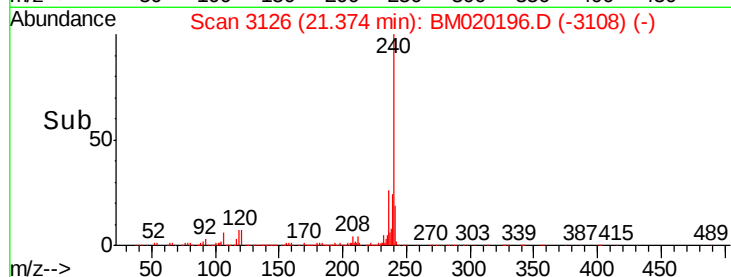
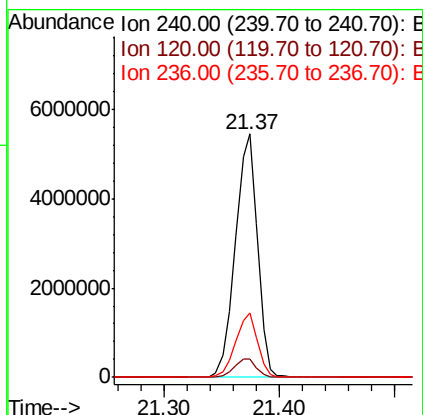
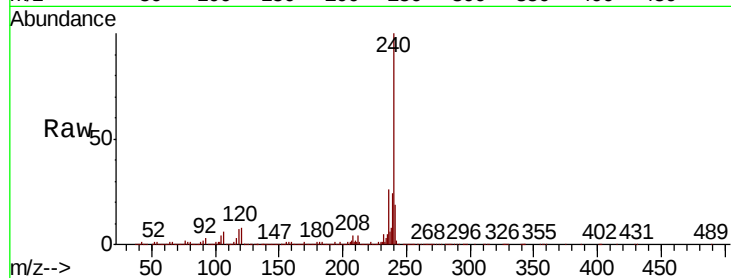




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.37 min Scan# 3126
 Delta R.T. 0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

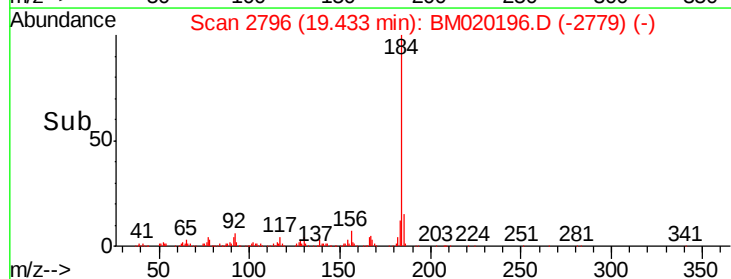
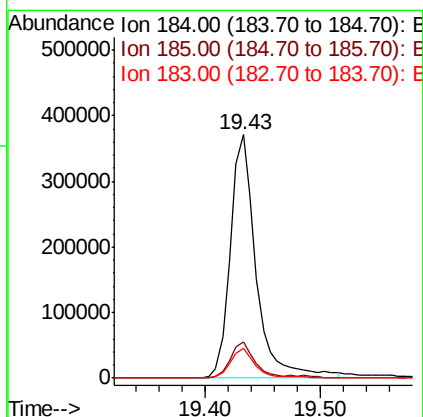
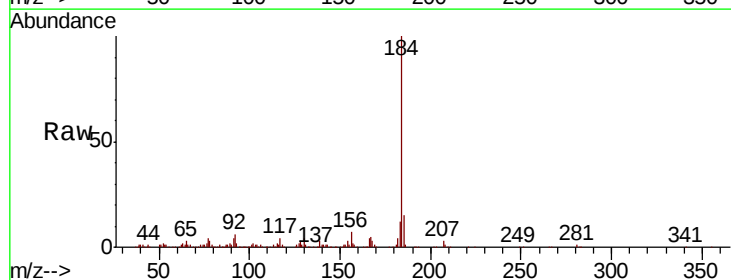
Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

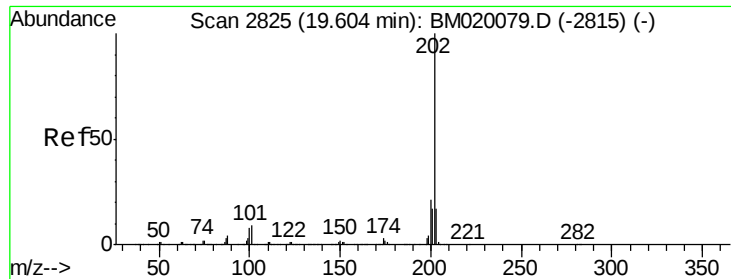
Tgt Ion:240 Resp: 7227050
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.6 8.4
 236 26.2 20.9 31.3



#77
 Benzidine
 Concen: 2.489 ng
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:184 Resp: 574977
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.0 18.0
 183 12.2 9.5 14.3

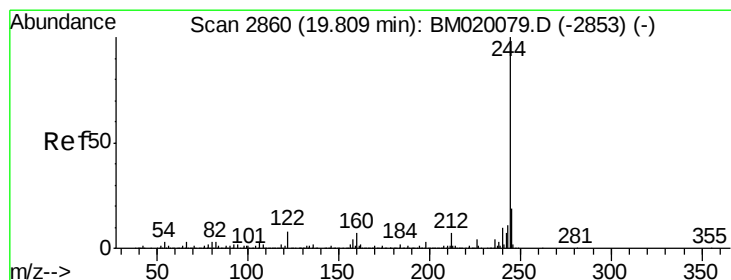
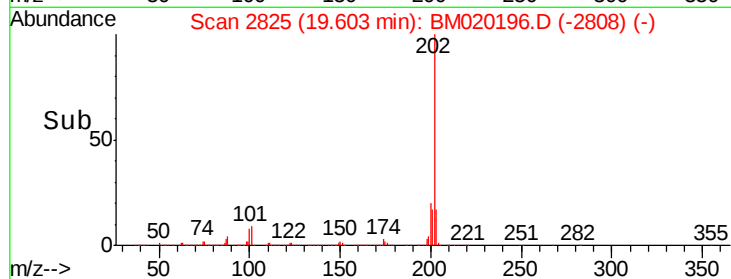
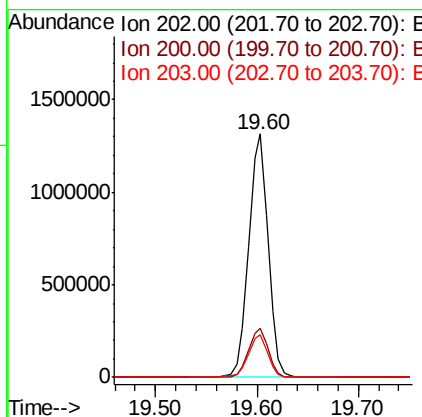
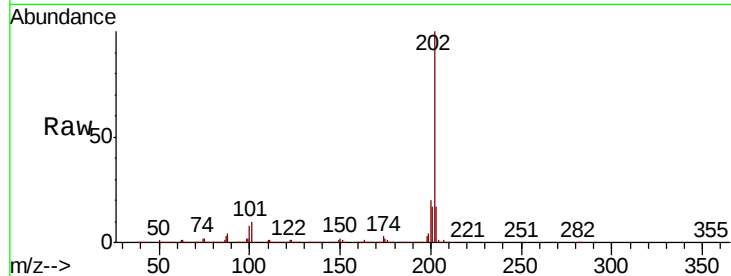




#78
 Pyrene
 Concen: 3.604 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.00 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

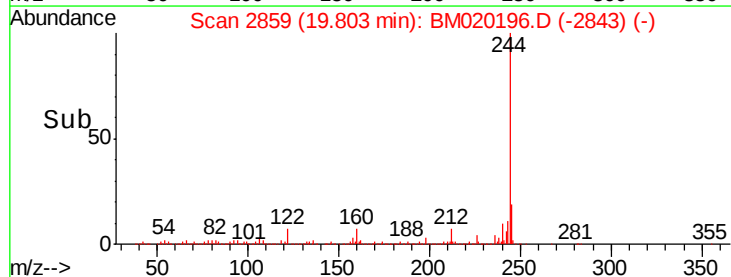
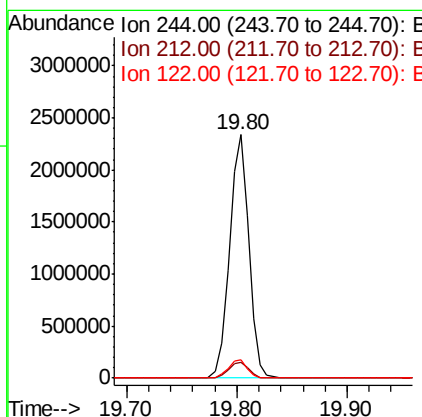
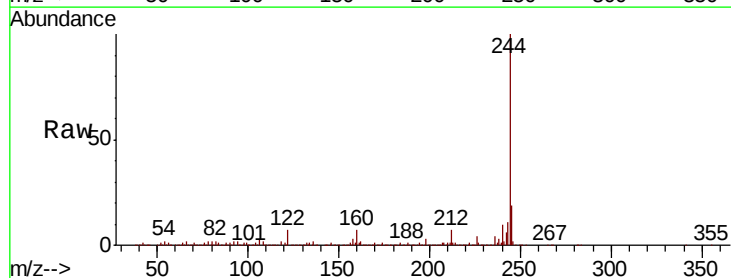
Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

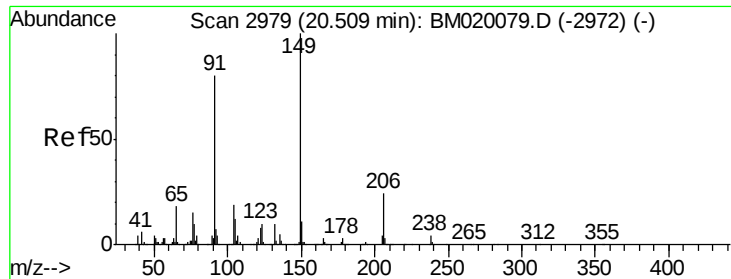
Tgt Ion:202 Resp: 1748863
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.5 24.7
 203 17.3 13.9 20.9



#79
 Terphenyl-d14
 Concen: 6.901 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:244 Resp: 2859376
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 7.3 6.2 9.2

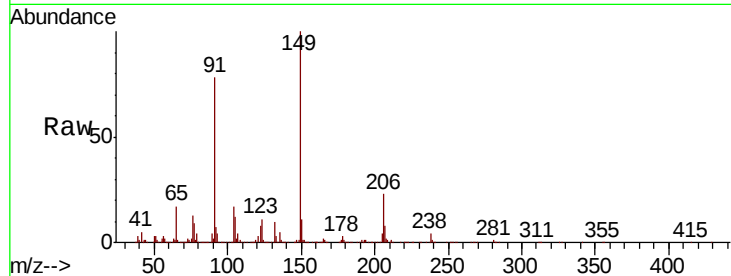




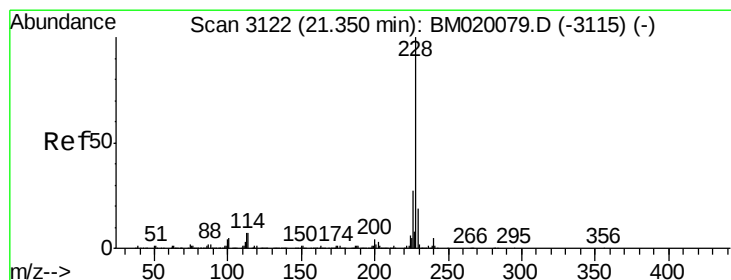
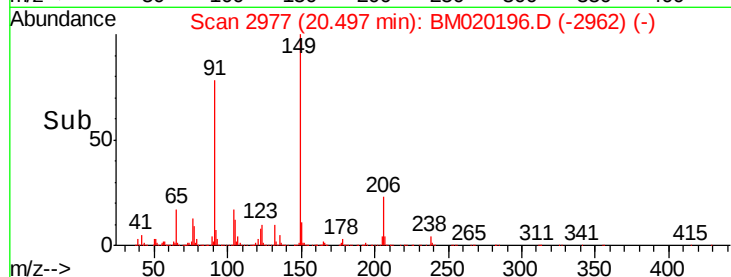
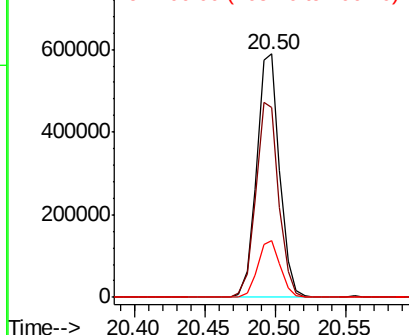
#80
Butylbenzylphthalate
Concen: 3.820 ng
RT: 20.50 min Scan# 2977
Delta R.T. -0.01 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	63.8	95.8
206	23.3	18.9	28.3

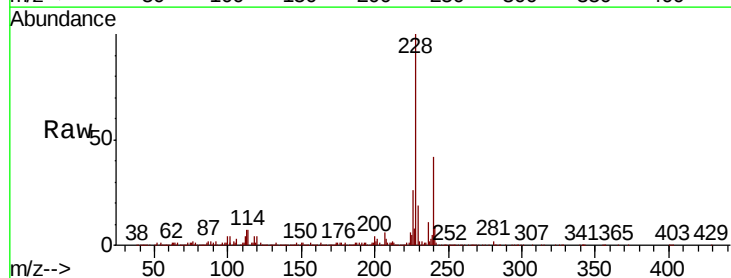


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

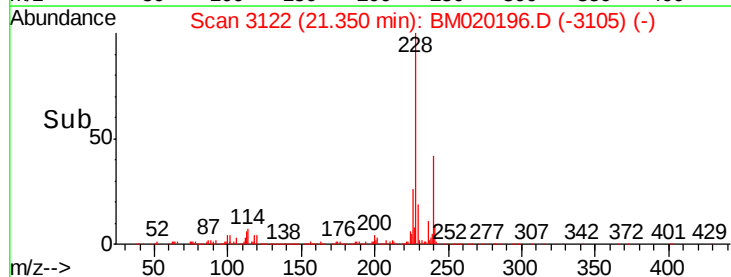
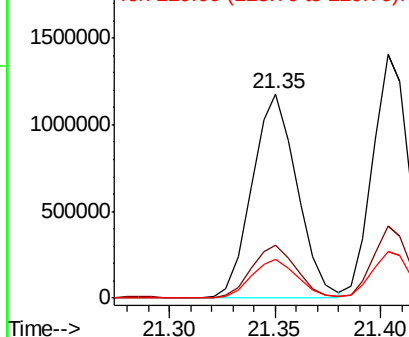


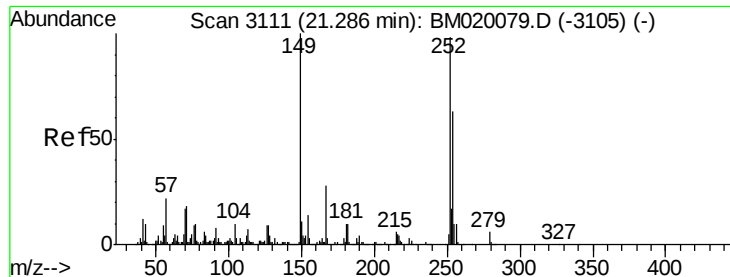
#81
Benzo(a)anthracene
Concen: 3.445 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM020196.D
Acq: 08 May 2019 15:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	19.0	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

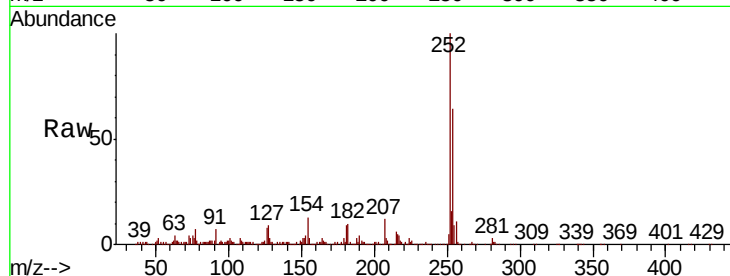




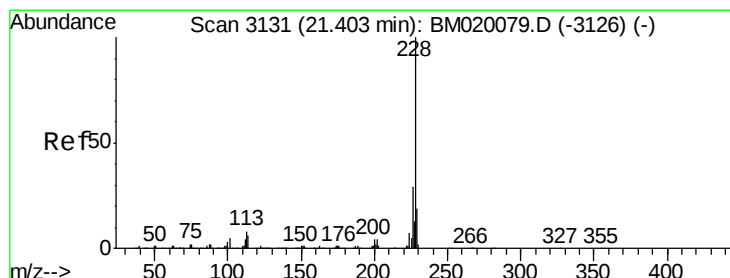
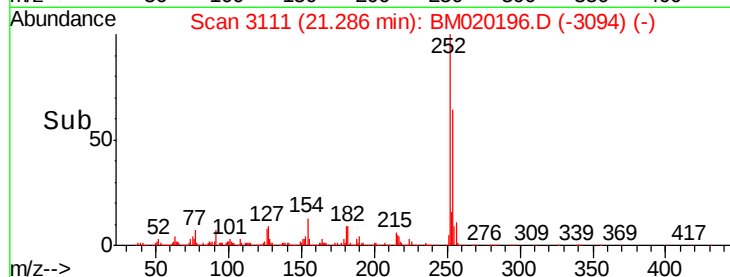
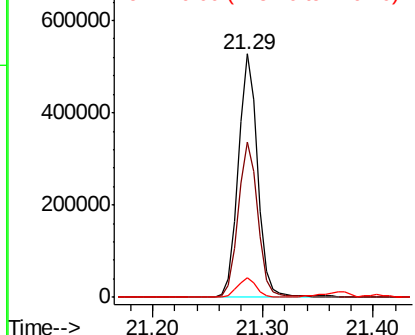
#82
 3,3'-Dichlorobenzidine
 Concen: 3.385 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

Tgt Ion:252 Resp: 654816
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.1 76.7
 126 7.9 7.1 10.7

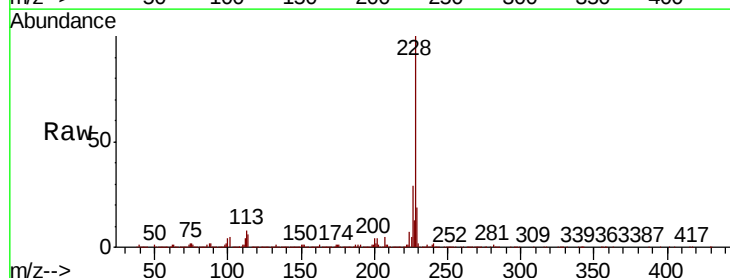


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

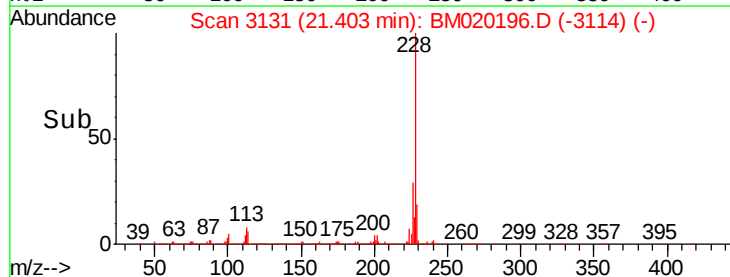
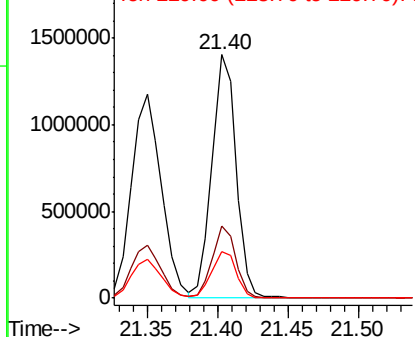


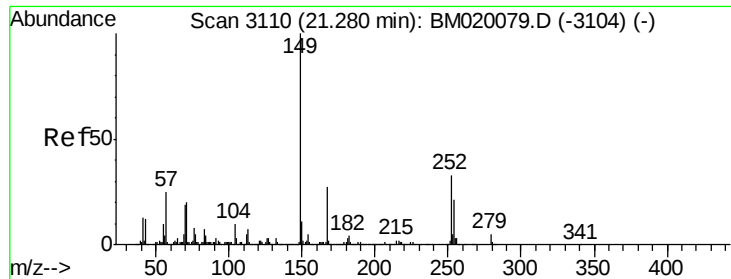
#83
 Chrysene
 Concen: 3.407 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:228 Resp: 1674539
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.0 34.6
 229 19.2 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.505 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

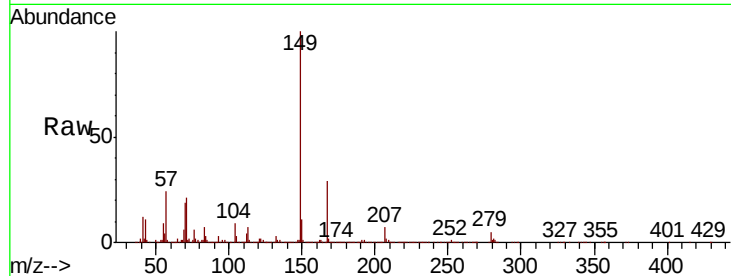
Tgt Ion:149 Resp: 959698

Ion Ratio Lower Upper

149 100

167 28.5 21.8 32.8

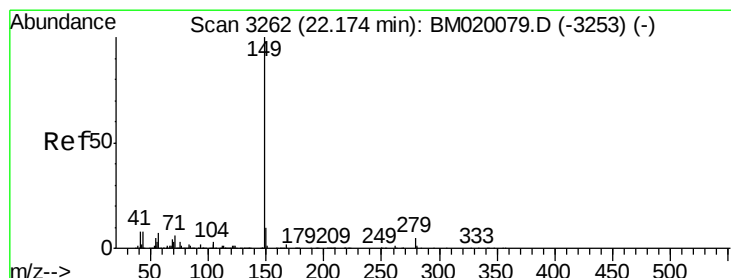
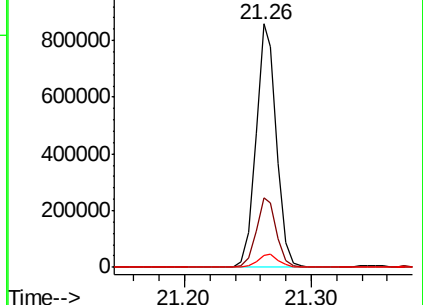
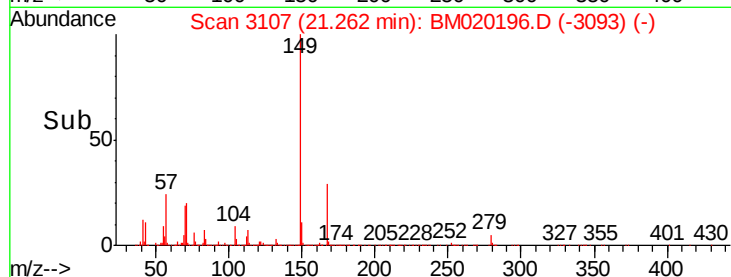
279 5.1 4.2 6.2



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: 3.719 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

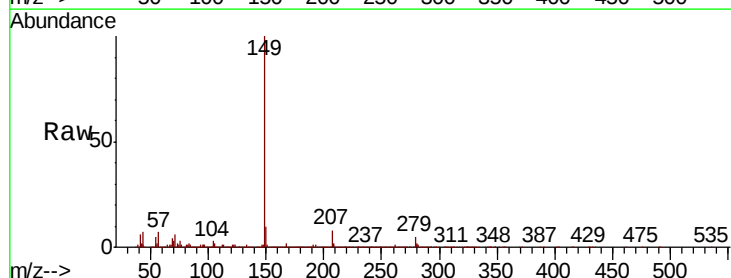
Tgt Ion:149 Resp: 1692551

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

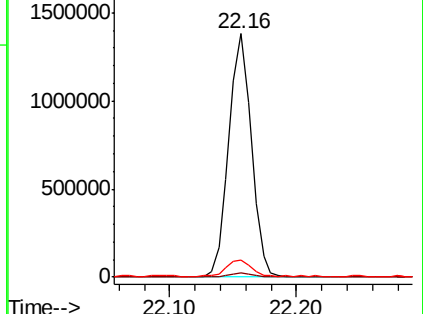
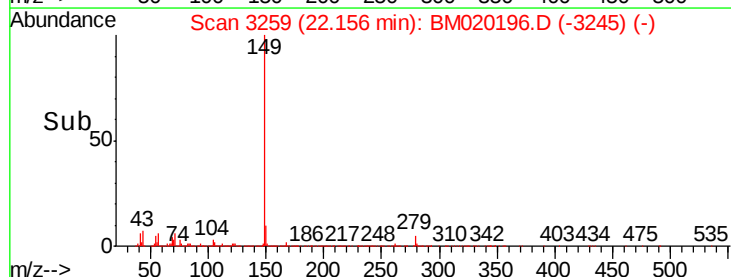
43 7.0 6.5 9.7

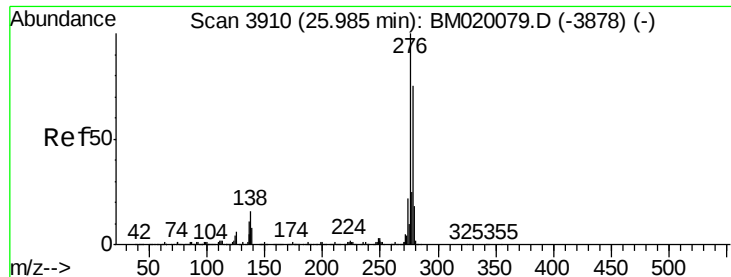


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BMO

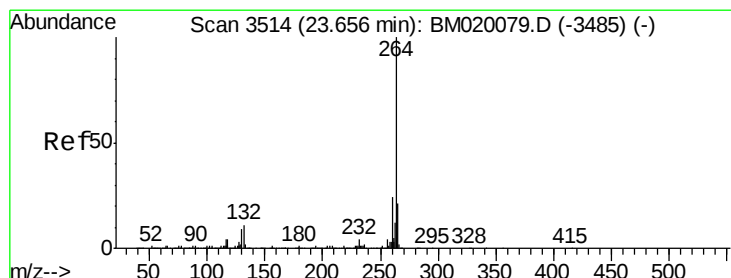
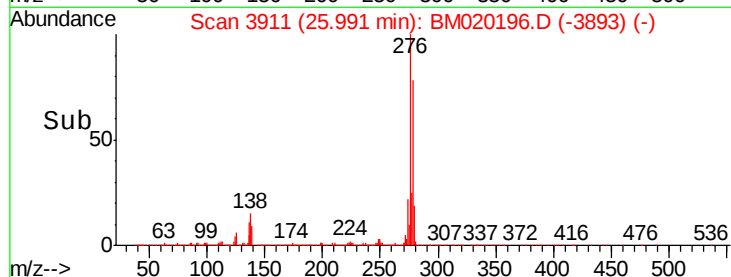
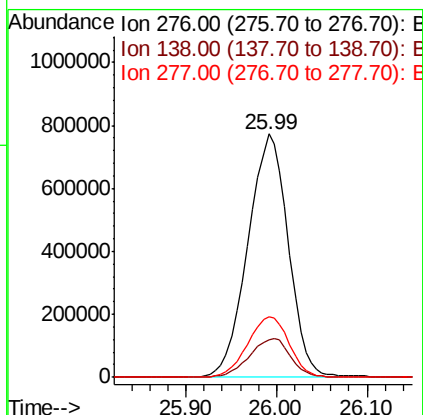
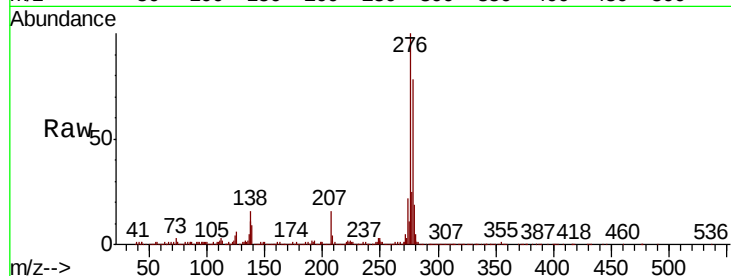




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.086 ng
 RT: 25.99 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

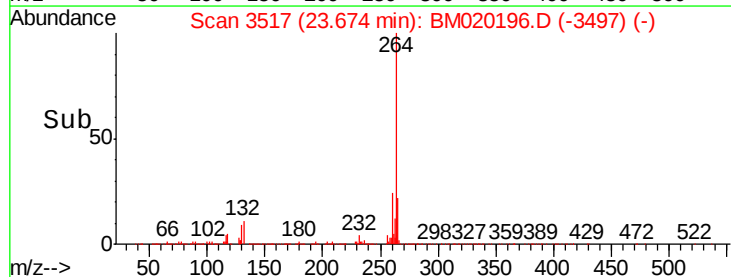
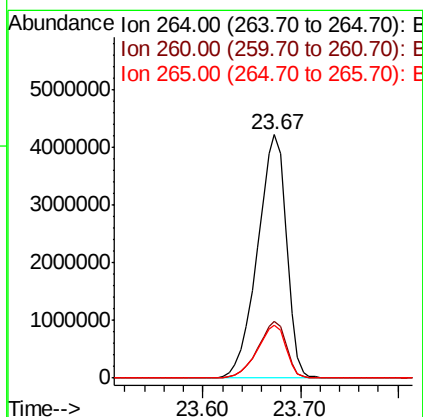
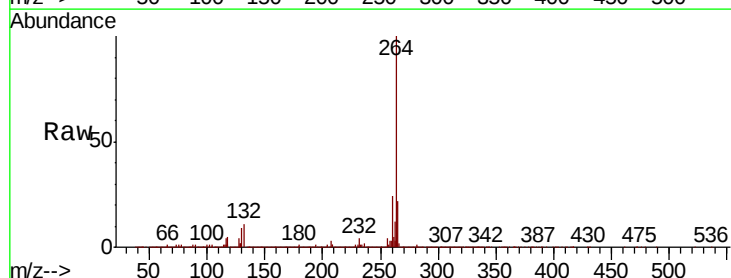
Instrument :
 BNA_M
 ClientSampleId :
 PB119532BS

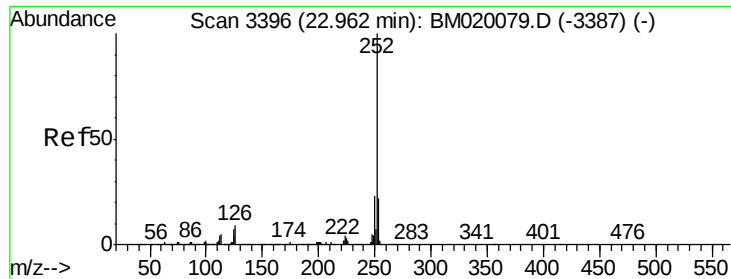
Tgt Ion:276 Resp: 2389168
 Ion Ratio Lower Upper
 276 100
 138 16.1 0.0 0.0#
 277 25.3 0.0 0.0#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.67 min Scan# 3517
 Delta R.T. 0.02 min
 Lab File: BM020196.D
 Acq: 08 May 2019 15:55

Tgt Ion:264 Resp: 8818108
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.9 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 3.359 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

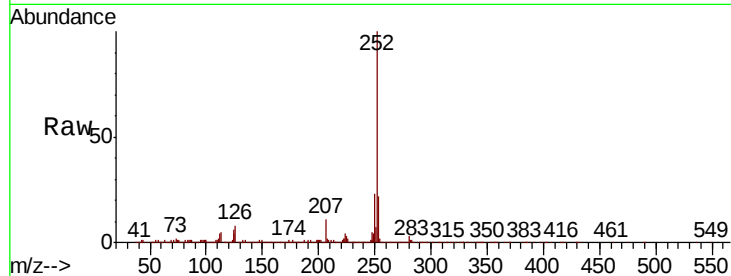
Tgt Ion:252 Resp: 1956117

Ion Ratio Lower Upper

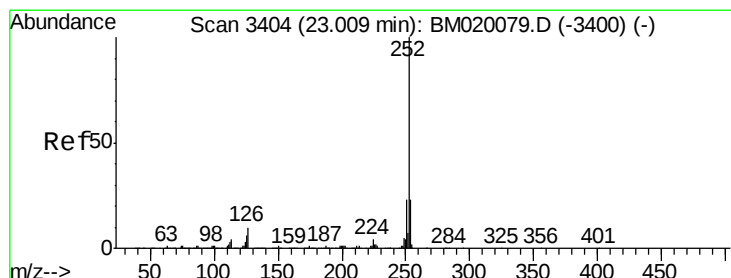
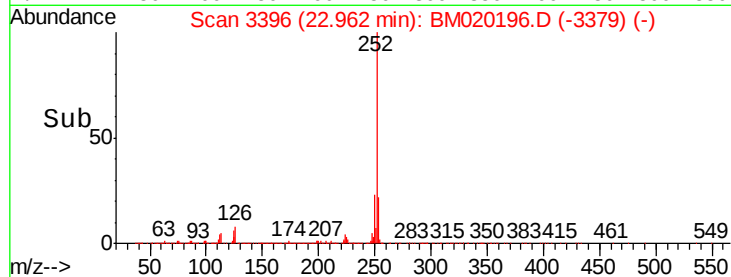
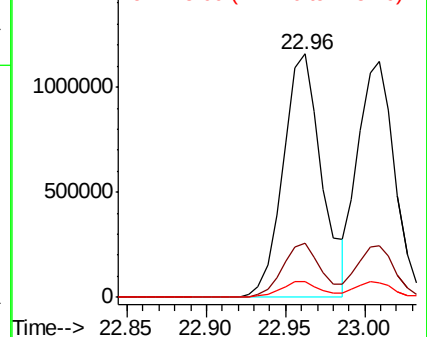
252 100

253 22.3 17.5 26.3

125 6.5 5.4 8.2



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



#89

Benzo(k)fluoranthene

Concen: 3.410 ng

RT: 23.01 min Scan# 3404

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

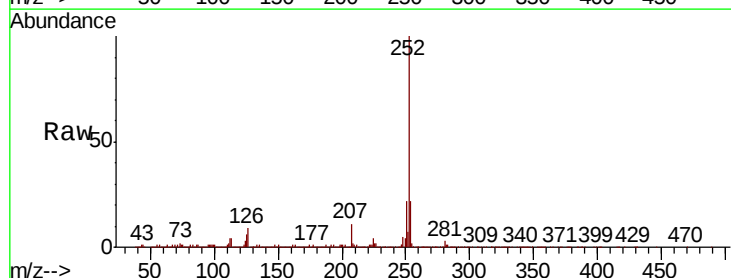
Tgt Ion:252 Resp: 1811507

Ion Ratio Lower Upper

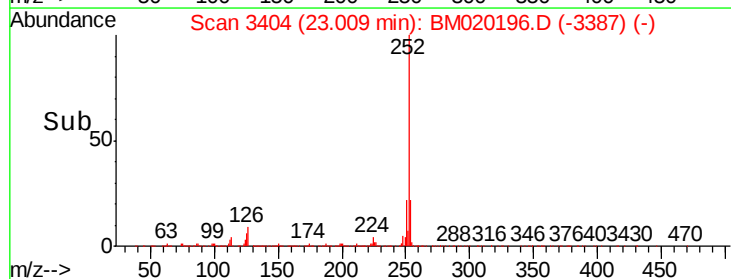
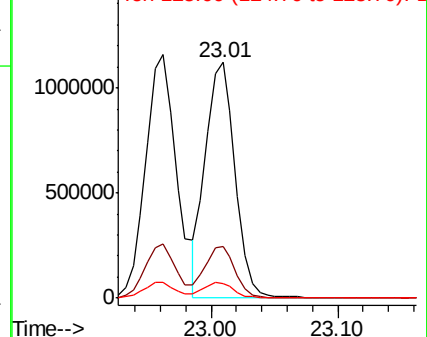
252 100

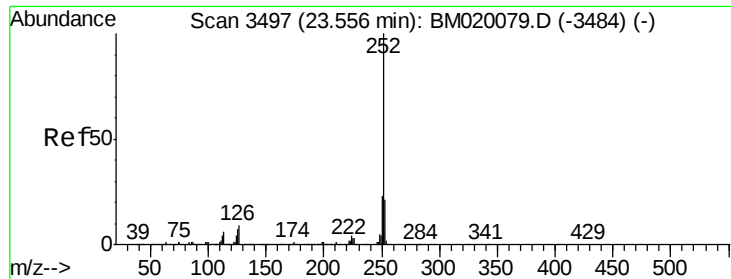
253 21.9 17.8 26.8

125 6.1 5.4 8.0



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





#90

Benzo(a)pyrene

Concen: 3.550 ng

RT: 23.56 min Scan# 3497

Delta R.T. -0.00 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

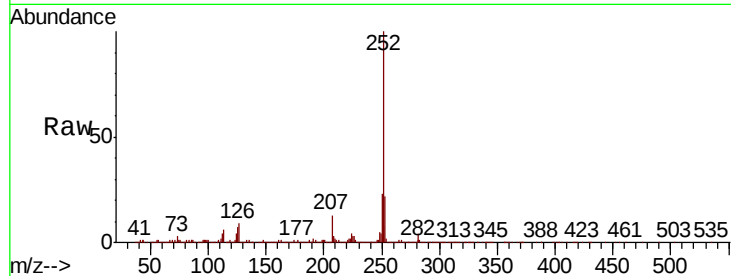
Tgt Ion:252 Resp: 1877617

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 7.4 5.5 8.3

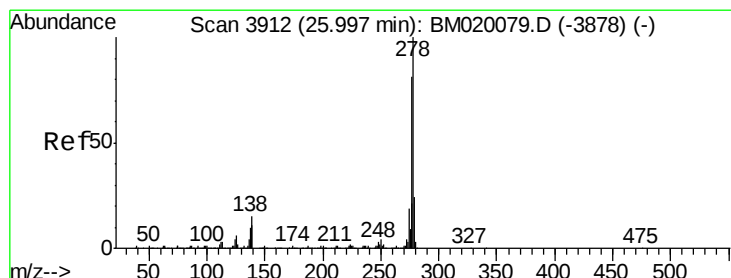
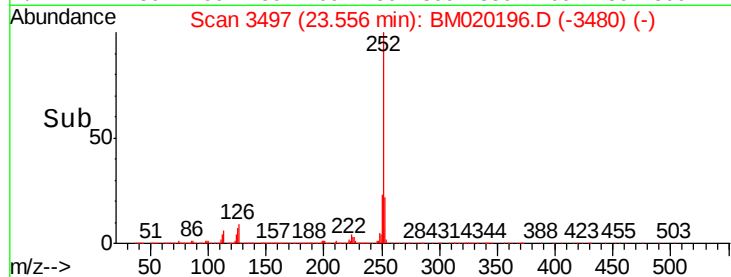
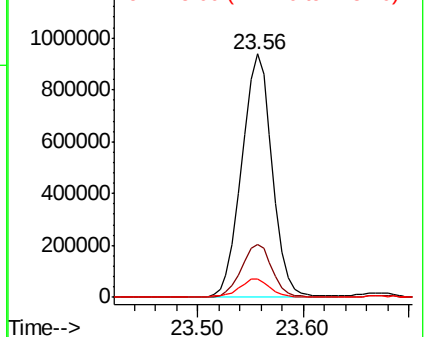


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 3.754 ng

RT: 26.00 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

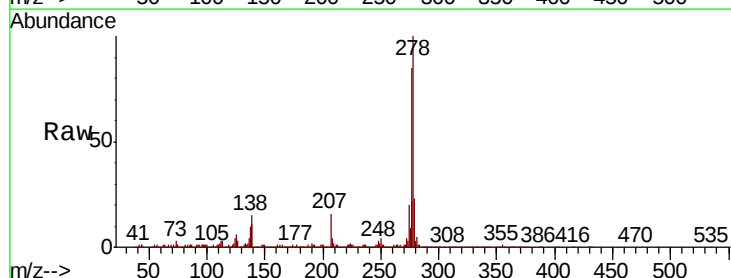
Tgt Ion:278 Resp: 2064981

Ion Ratio Lower Upper

278 100

139 10.9 8.6 13.0

279 23.3 18.8 28.2

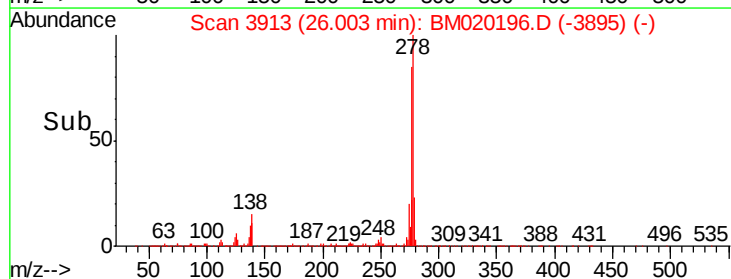
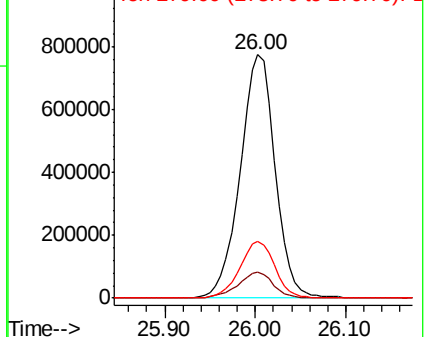


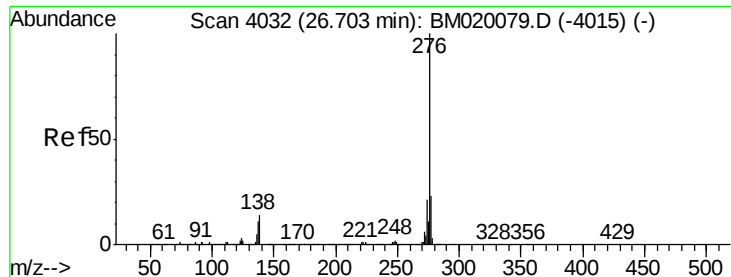
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 3.801 ng

RT: 26.71 min Scan# 4034

Delta R.T. 0.01 min

Lab File: BM020196.D

Acq: 08 May 2019 15:55

Instrument :

BNA_M

ClientSampleId :

PB119532BS

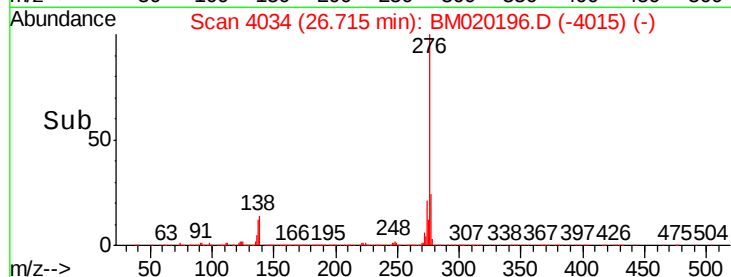
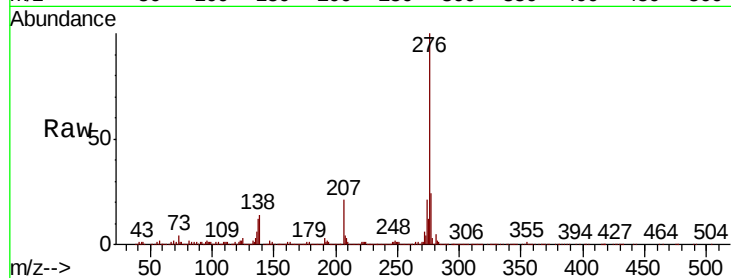
Tgt Ion: 276 Resp: 1985092

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 13.9 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

