

Data File : BM020679.D
Acq On : 03 Jun 2019 20:05
Operator : HP/JU
Sample : PB120232BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Quant Time: Jun 04 04:18:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	314439	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1163179	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	548433	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1027996	20.00	ng	0.00
76) Chrysene-d12	21.39	240	900770	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1045806	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2619547	146.55	ng	0.00
7) Phenol-d6	6.99	99	3370928	128.07	ng	0.00
23) Nitrobenzene-d5	8.99	82	1741679	77.58	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	926484	136.35	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	3431047	83.17	ng	0.00
79) Terphenyl-d14	19.83	244	3158507	58.65	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	240060	32.802 ng	98
3) Pyridine	3.75	79	658505	28.280 ng	97
4) n-Nitrosodimethylamine	3.66	42	300207	29.908 ng	99
6) Aniline	7.16	93	760301	19.964 ng	99
8) 2-Chlorophenol	7.39	128	671385	30.191 ng	98
9) Benzaldehyde	6.97	77	233139	11.447 ng	100
10) Phenol	7.02	94	813642	28.685 ng	99
11) bis(2-Chloroethyl)ether	7.26	93	625135	27.654 ng	99
12) 1,3-Dichlorobenzene	7.72	146	741425	29.010 ng	97
13) 1,4-Dichlorobenzene	7.86	146	750219	28.875 ng	99
14) 1,2-Dichlorobenzene	8.18	146	721276	28.526 ng	99
15) Benzyl Alcohol	8.07	79	590924	25.378 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	875304	25.080 ng	100
17) 2-Methylphenol	8.26	107	538184	26.982 ng	99
18) Hexachloroethane	8.90	117	276460	27.792 ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	502227	23.737 ng	98
20) 3+4-Methylphenols	8.59	107	699090	25.761 ng	99
22) Acetophenone	8.65	105	958144	32.426 ng	# 97
24) Nitrobenzene	9.03	77	747966	32.636 ng	98
25) Isophorone	9.55	82	1270897	28.459 ng	99
26) 2-Nitrophenol	9.73	139	290991	34.067 ng	97
27) 2,4-Dimethylphenol	9.79	122	561781	35.099 ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	788444	29.200 ng	100
29) 2,4-Dichlorophenol	10.26	162	559737	31.609 ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	649795	31.912 ng	99
31) Naphthalene	10.67	128	1932708	32.312 ng	100
32) Benzoic acid	9.91	122	261169	28.286 ng	97
33) 4-Chloroaniline	10.78	127	324681	11.664 ng	98
34) Hexachlorobutadiene	10.95	225	376970	30.855 ng	100
35) Caprolactam	11.56	113	149566	24.312 ng	98
36) 4-Chloro-3-methylphenol	11.90	107	565879	27.485 ng	99
37) 2-Methylnaphthalene	12.28	142	1339027	30.202 ng	99
38) 1-Methylnaphthalene	12.50	142	1266262	29.995 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	659329	36.685 ng	99

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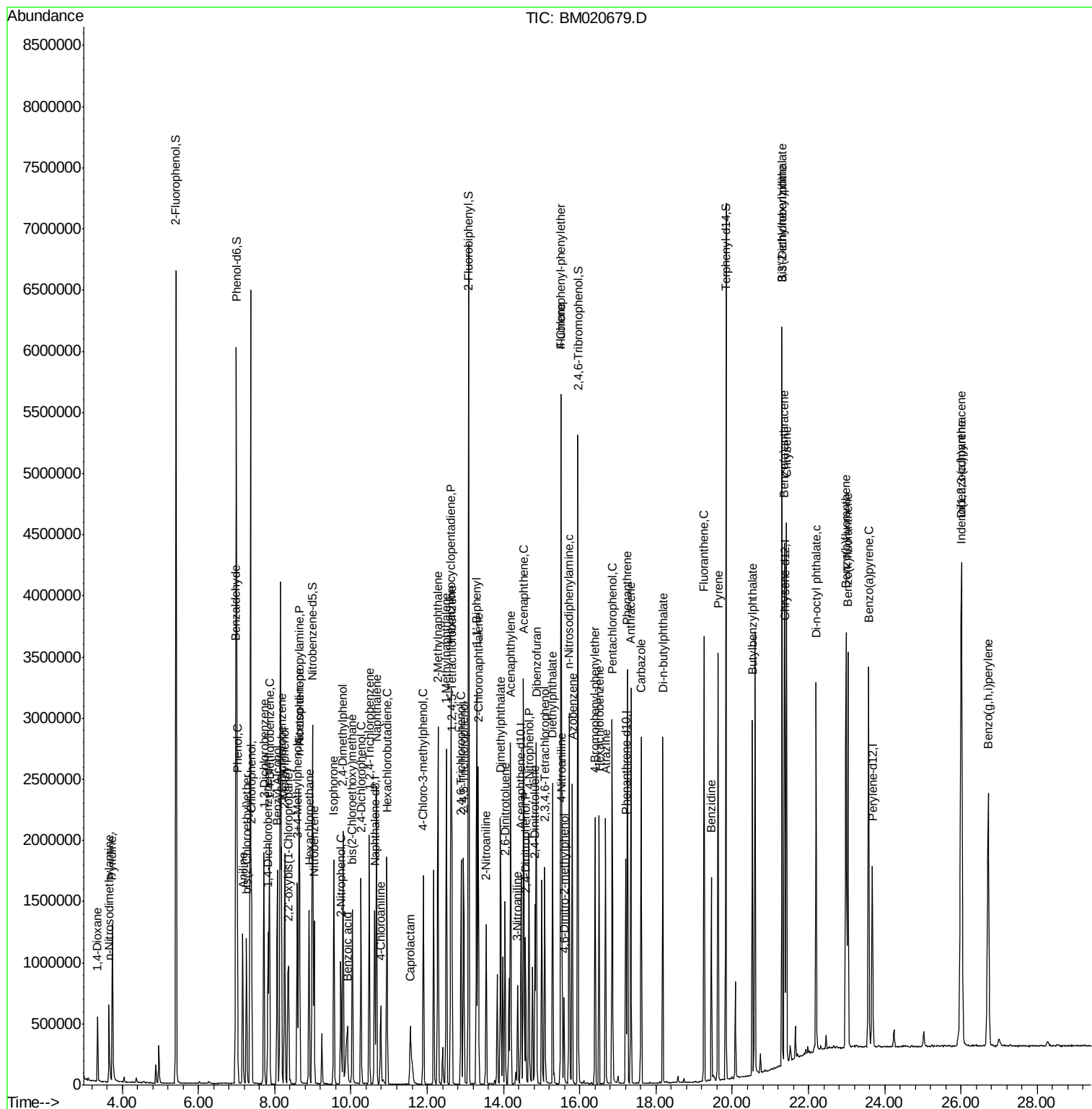
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	801472	74.563	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	396119	34.241	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	413597	34.630	ng	98
46) 1,1'-Biphenyl	13.30	154	1616189	35.285	ng	98
47) 2-Chloronaphthalene	13.34	162	1250483	33.827	ng	99
48) 2-Nitroaniline	13.55	65	342181	29.491	ng	95
49) Acenaphthylene	14.19	152	1934310	33.535	ng	99
50) Dimethylphthalate	13.93	163	1420551	30.318	ng	100
51) 2,6-Dinitrotoluene	14.05	165	298195	31.343	ng	96
52) Acenaphthene	14.53	154	1128902	32.842	ng	99
53) 3-Nitroaniline	14.37	138	185031	17.424	ng	95
54) 2,4-Dinitrophenol	14.57	184	225985	57.462	ng	98
55) Dibenzofuran	14.86	168	1726257	32.335	ng	100
56) 4-Nitrophenol	14.67	139	485658	62.062	ng	95
57) 2,4-Dinitrotoluene	14.83	165	386460	30.337	ng	99
58) Fluorene	15.51	166	1356980	30.908	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	338368	32.513	ng	100
60) Diethylphthalate	15.29	149	1358460	28.111	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	685351	29.483	ng	98
62) 4-Nitroaniline	15.53	138	291135	25.850	ng	97
63) Azobenzene	15.80	77	1357325	29.298	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	136552	32.640	ng	99
66) n-Nitrosodiphenylamine	15.72	169	1143293	34.742	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	390861	32.293	ng	97
68) Hexachlorobenzene	16.50	284	449902	31.832	ng	98
69) Atrazine	16.67	200	341535	34.773	ng	97
70) Pentachlorophenol	16.85	266	487387	72.285	ng	98
71) Phenanthrene	17.25	178	1904226	32.679	ng	100
72) Anthracene	17.34	178	1940839	33.278	ng	99
73) Carbazole	17.61	167	1700490	32.131	ng	100
74) Di-n-butylphthalate	18.18	149	2016904	29.357	ng	100
75) Fluoranthene	19.26	202	2040697	31.492	ng	99
77) Benzidine	19.45	184	867533	31.785	ng	100
78) Pyrene	19.63	202	2068900	29.930	ng	100
80) Butylbenzylphthalate	20.53	149	819273	28.046	ng	98
81) Benzo(a)anthracene	21.37	228	1994148	31.790	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	631689	27.500	ng	99
83) Chrysene	21.42	228	1963287	32.926	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1170158	27.562	ng	99
85) Di-n-octyl phthalate	22.20	149	1993532	29.576	ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2926496	47.974	ng	100
88) Benzo(b)fluoranthene	22.99	252	2310167	33.422	ng	100
89) Benzo(k)fluoranthene	23.03	252	2149408	31.820	ng	99
90) Benzo(a)pyrene	23.57	252	2243270	35.780	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	2473199	40.660	ng	100
92) Benzo(g,h,i)perylene	26.71	276	2433801	43.077	ng	98

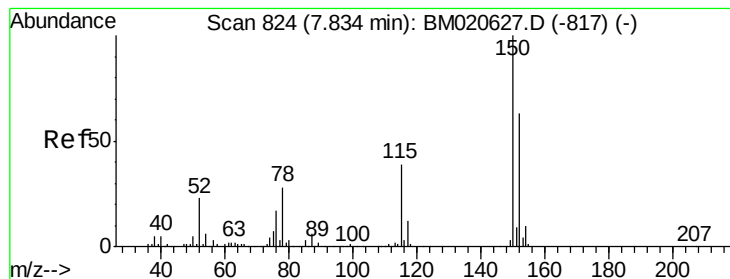
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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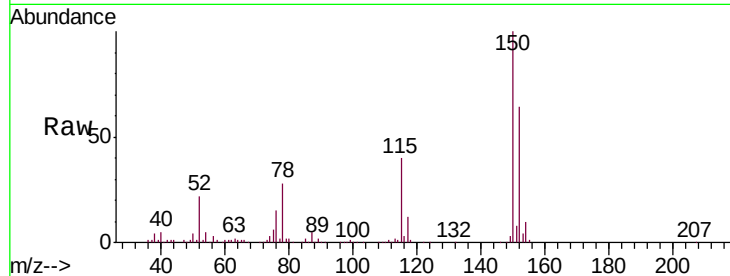


#1

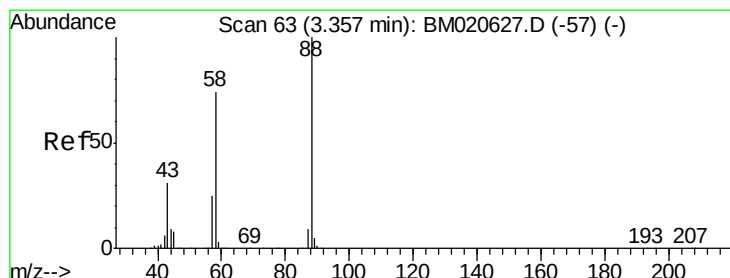
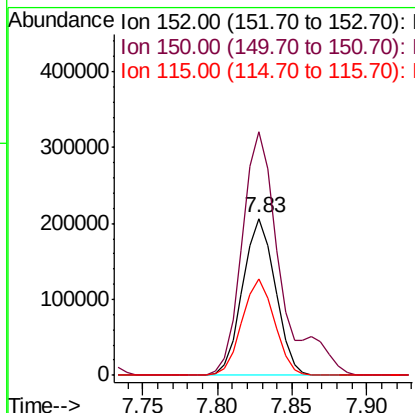
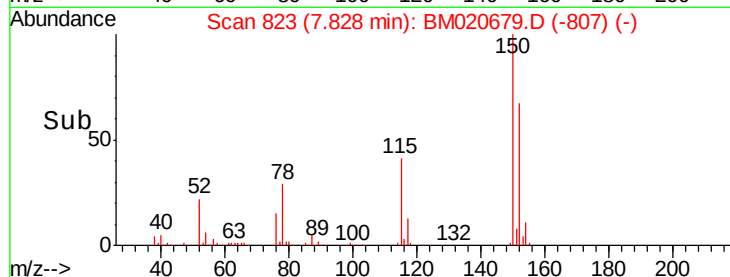
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020679.D
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BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:152 Resp: 314439
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 61.8 49.6 74.4



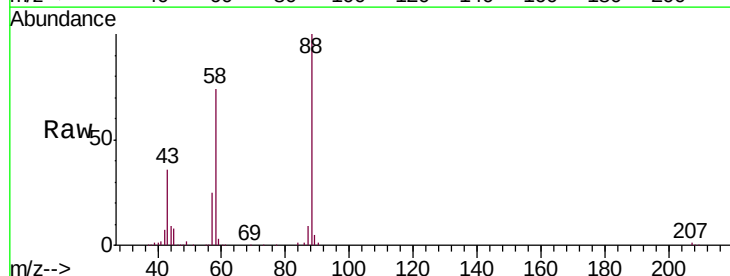
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



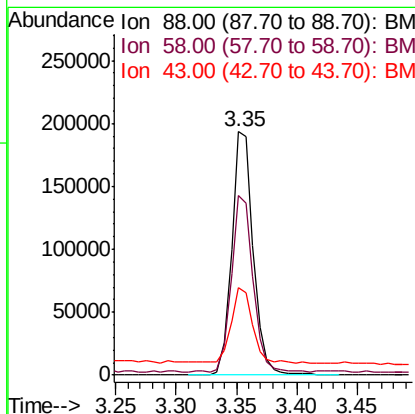
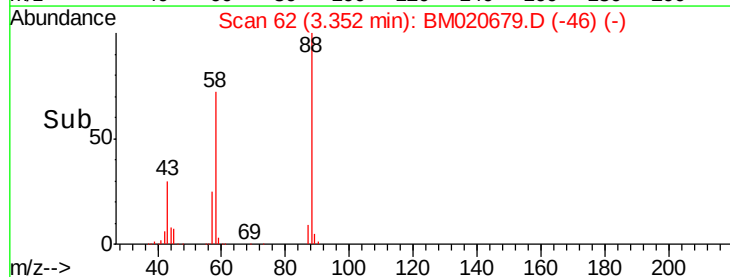
#2

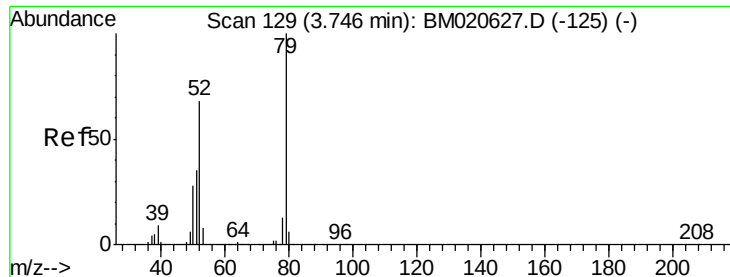
1,4-Dioxane
Concen: 32.802 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion: 88 Resp: 240060
Ion Ratio Lower Upper
88 100
58 72.7 60.2 90.4
43 31.7 25.3 37.9



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: 28.280 ng

RT: 3.75 min Scan# 129

Delta R.T. 0.00 min

Lab File: BM020679.D

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Instrument :

BNA_M

ClientSampleId :

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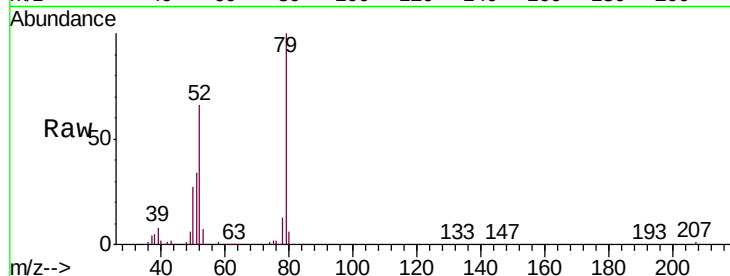
Tgt Ion: 79 Resp: 658505

Ion Ratio Lower Upper

79 100

52 65.8 54.1 81.1

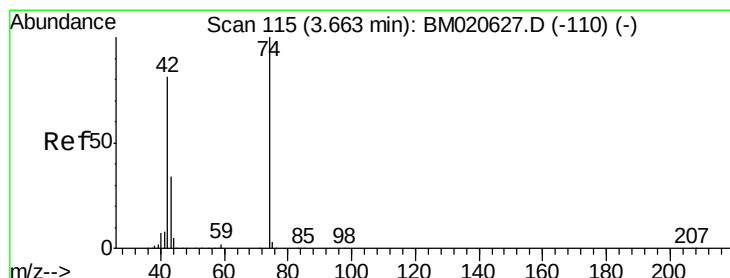
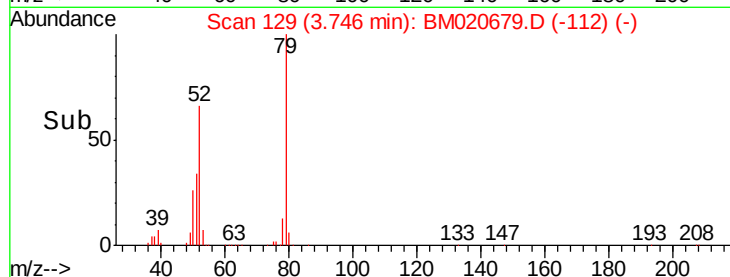
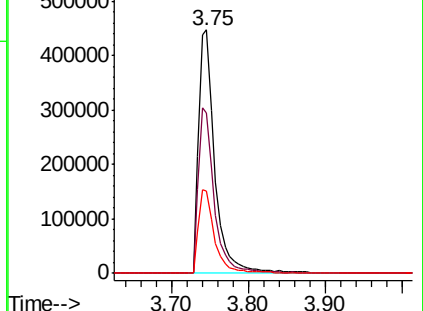
51 33.8 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 29.908 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

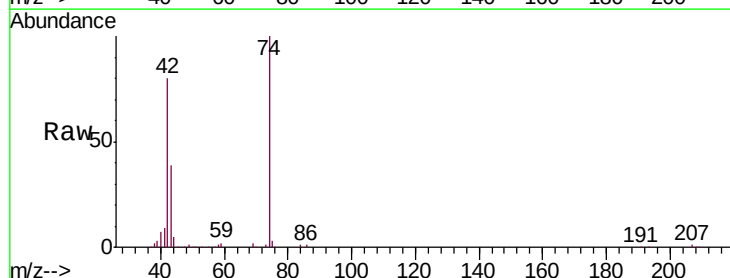
Tgt Ion: 42 Resp: 300207

Ion Ratio Lower Upper

42 100

74 125.3 99.4 149.0

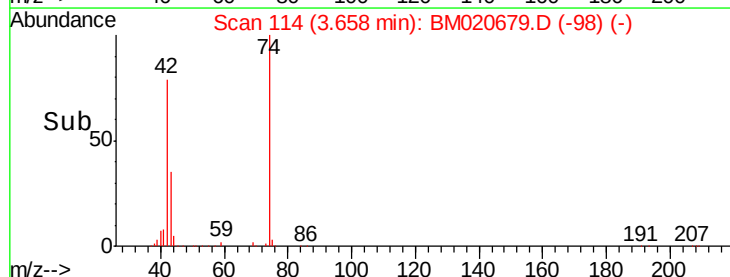
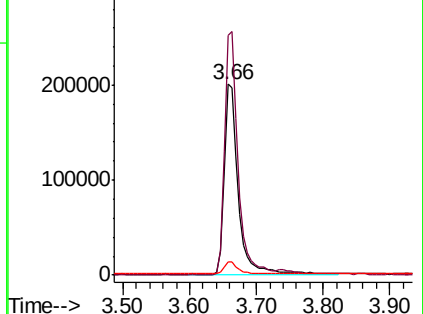
44 6.8 5.8 8.8

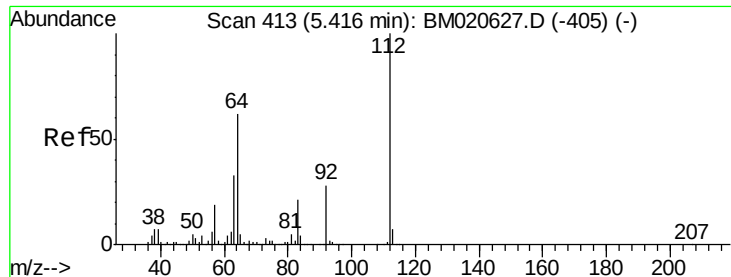


Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)





#5

2-Fluorophenol

Concen: 146.545 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

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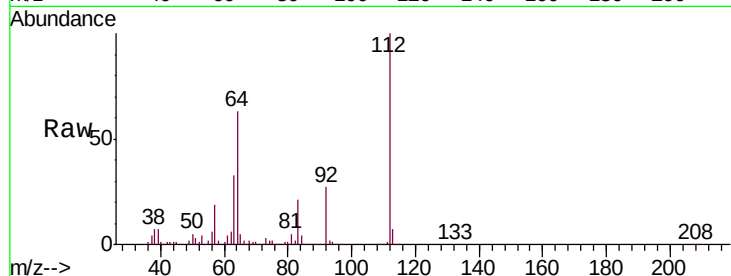
Tgt Ion: 112 Resp: 2619547

Ion Ratio Lower Upper

112 100

64 62.6 49.7 74.5

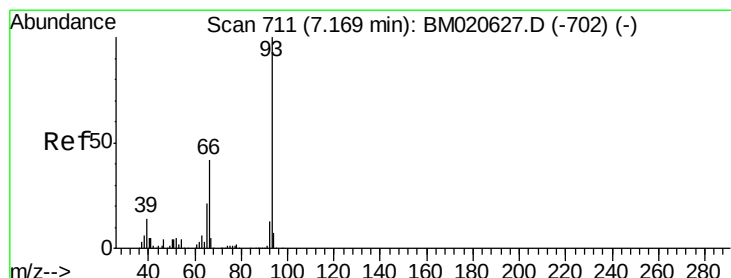
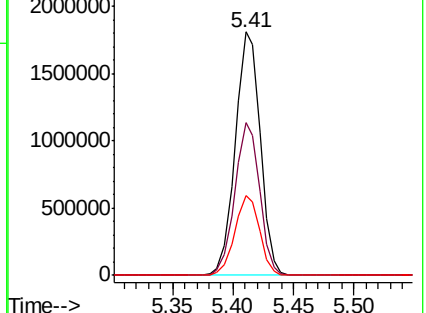
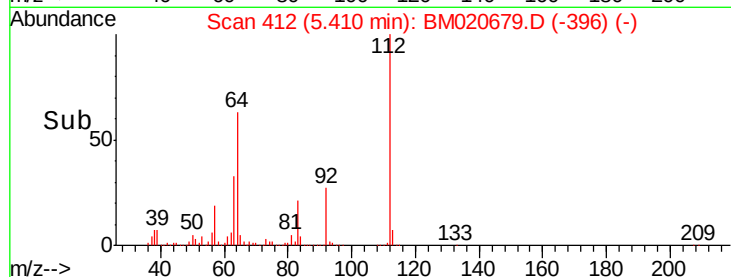
63 32.7 26.4 39.6



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: 19.964 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

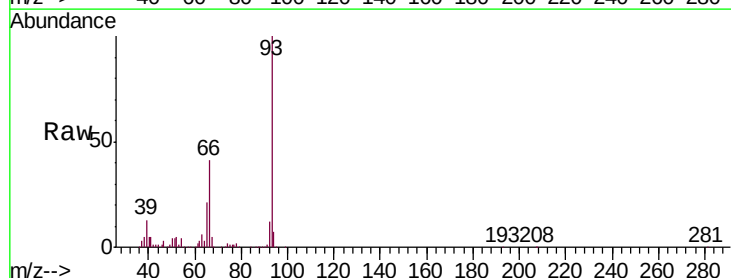
Tgt Ion: 93 Resp: 760301

Ion Ratio Lower Upper

93 100

66 40.9 33.6 50.4

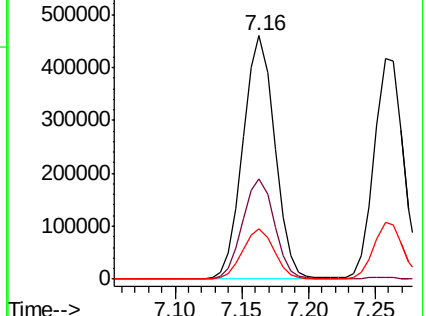
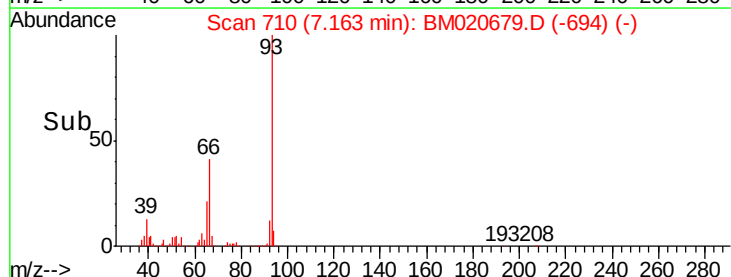
65 20.7 16.7 25.1

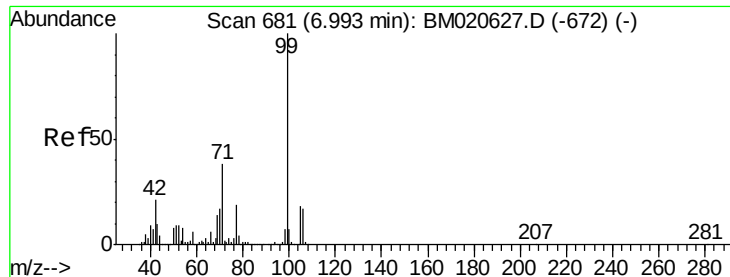


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 128.071 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

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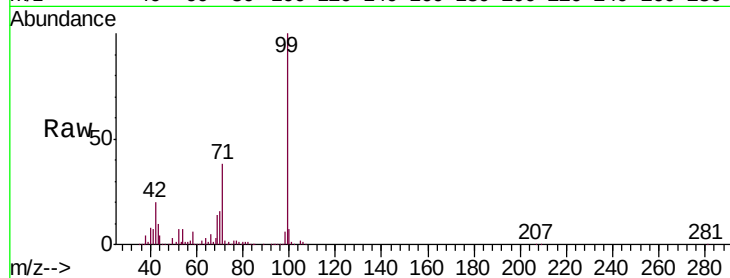
Tgt Ion: 99 Resp: 3370928

Ion Ratio Lower Upper

99 100

42 19.6 16.5 24.7

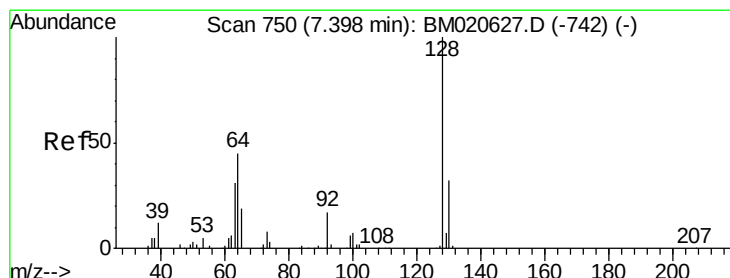
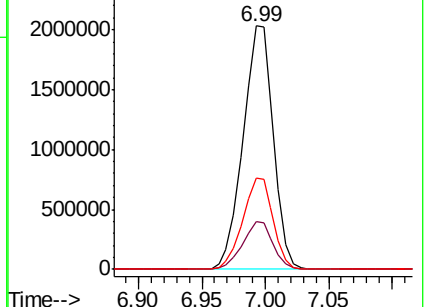
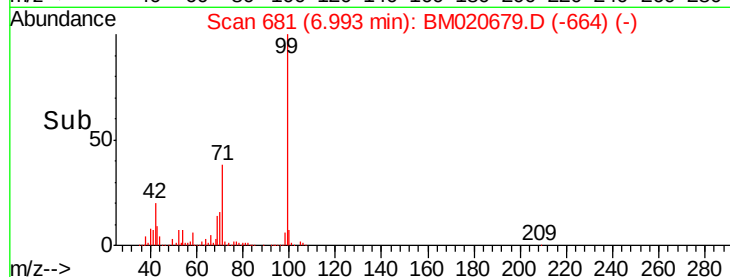
71 37.7 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020679.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020679.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020679.D (-664) (-)



#8

2-Chlorophenol

Concen: 30.191 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

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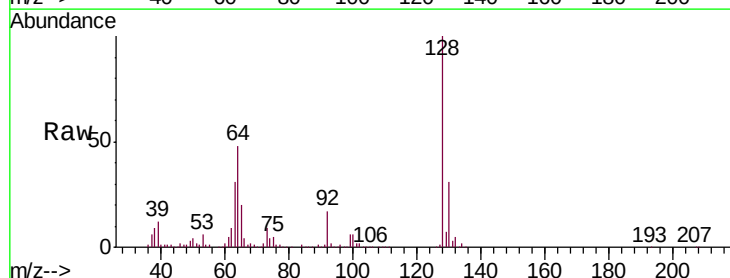
Tgt Ion: 128 Resp: 671385

Ion Ratio Lower Upper

128 100

130 31.2 12.2 52.2

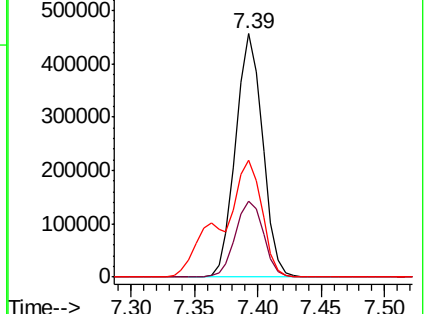
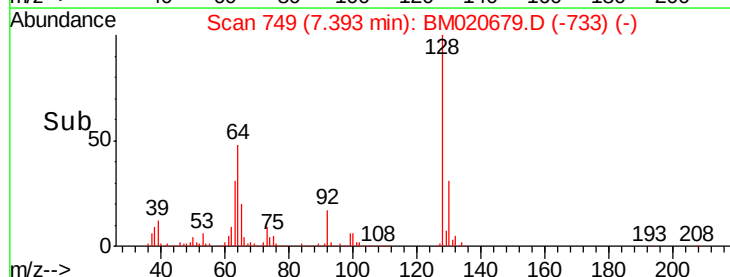
64 47.9 29.1 69.1

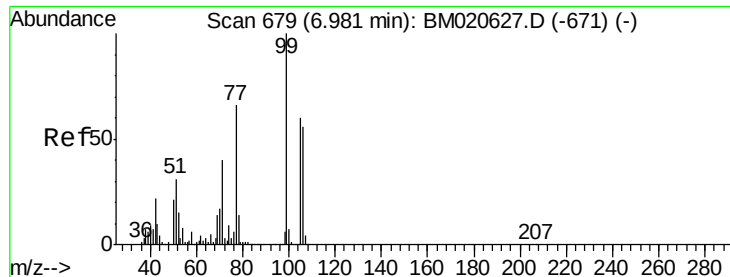


Abundance Ion 128.00 (127.70 to 128.70): BM020679.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020679.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020679.D (-733) (-)





#9

Benzaldehyde

Concen: 11.447 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

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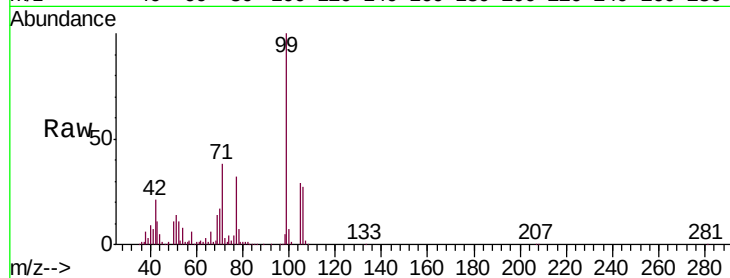
Tgt Ion: 77 Resp: 233139

Ion Ratio Lower Upper

77 100

105 90.9 70.6 110.6

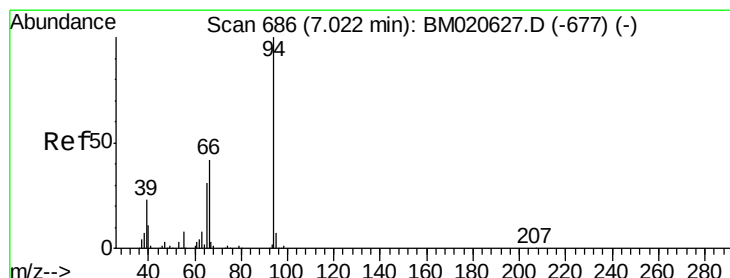
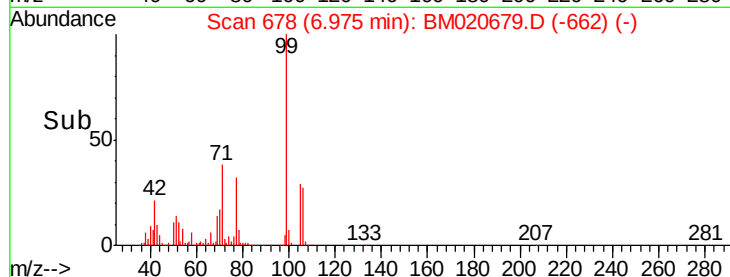
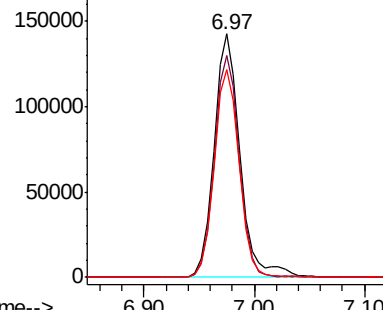
106 85.4 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020679.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020679.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020679.D (-662) (-)



#10

Phenol

Concen: 28.685 ng

RT: 7.02 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

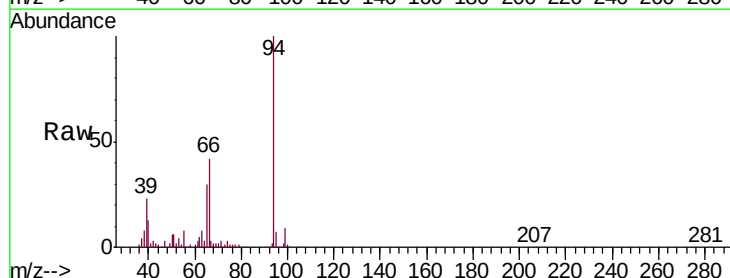
Tgt Ion: 94 Resp: 813642

Ion Ratio Lower Upper

94 100

65 29.9 10.7 50.7

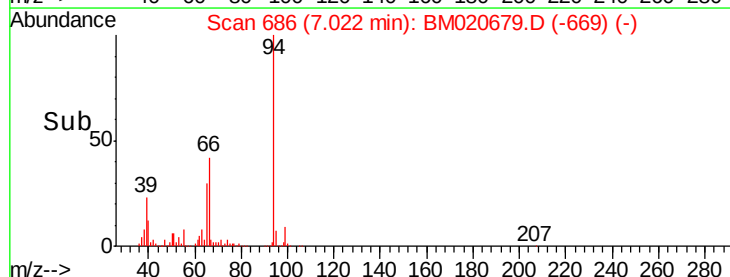
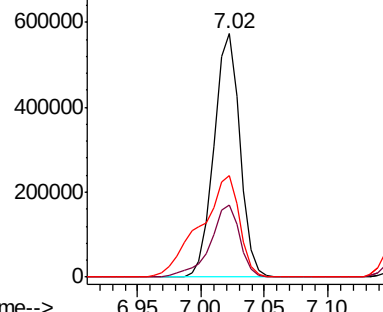
66 41.5 22.3 62.3

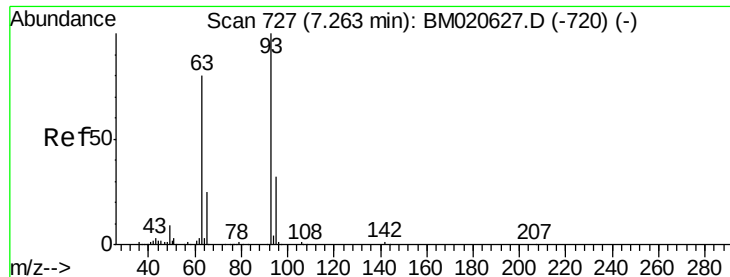


Abundance Ion 94.00 (93.70 to 94.70): BM020679.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020679.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020679.D (-669) (-)

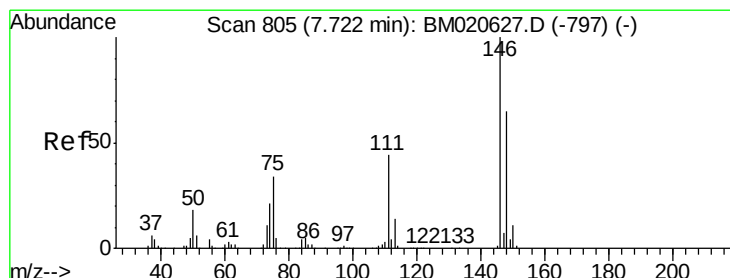
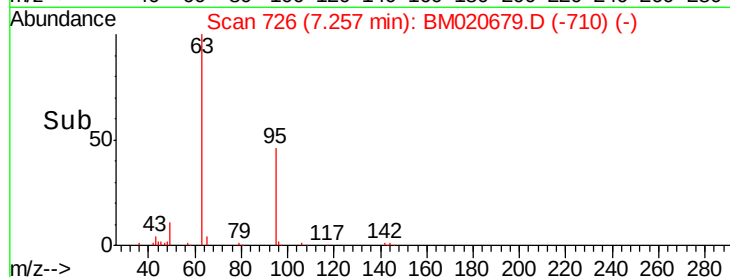
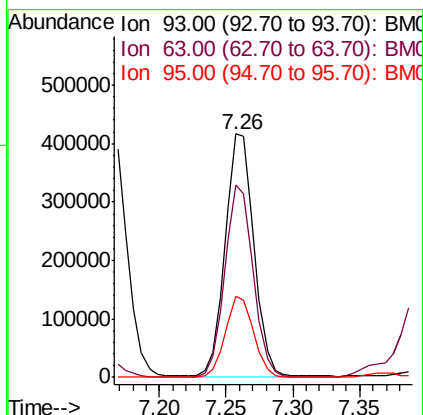
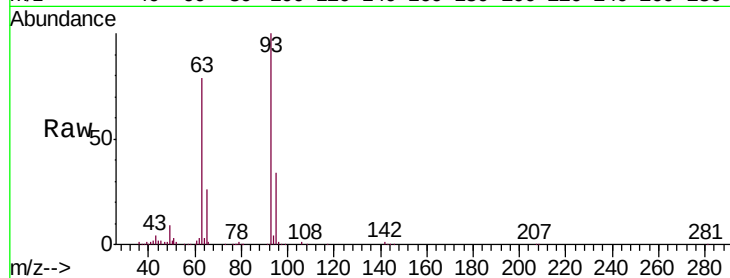




#11
bis(2-Chloroethyl)ether
Concen: 27.654 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

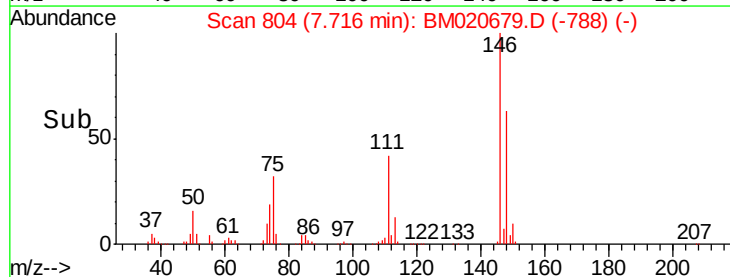
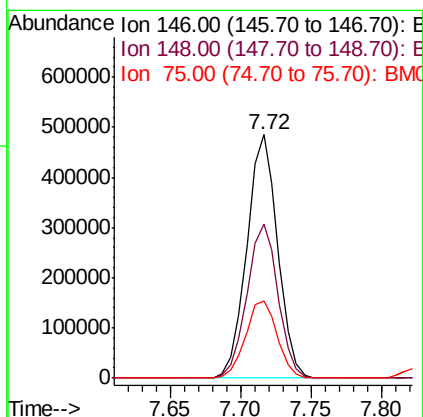
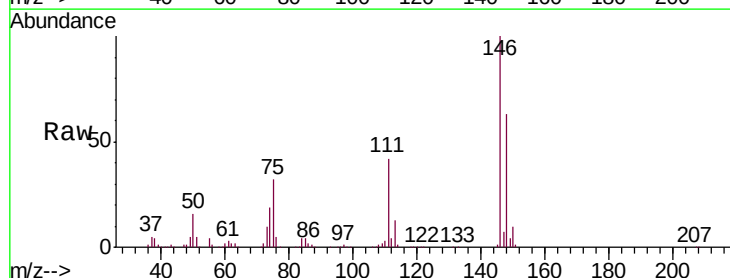
Instrument :
BNA_M
ClientSampled :
PB120232BS

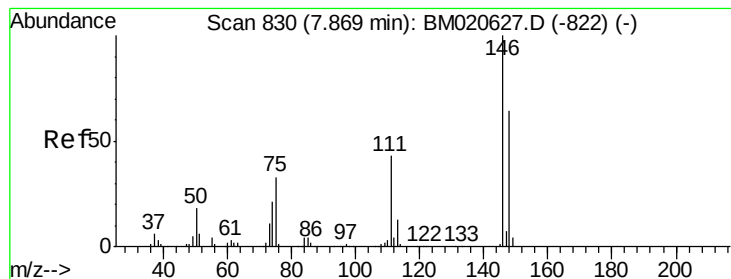
Tgt Ion: 93 Resp: 625135
Ion Ratio Lower Upper
93 100
63 79.2 60.0 100.0
95 33.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 29.010 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion: 146 Resp: 741425
Ion Ratio Lower Upper
146 100
148 63.0 52.0 78.0
75 31.9 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 28.875 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

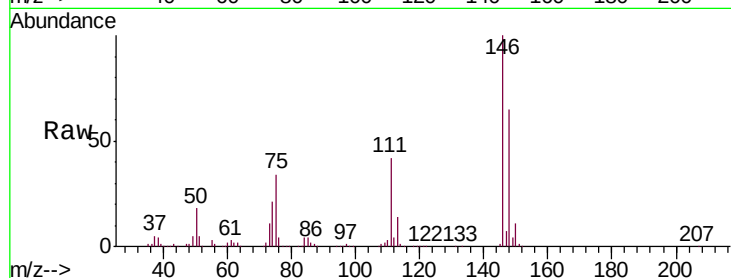
Tgt Ion:146 Resp: 750219

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

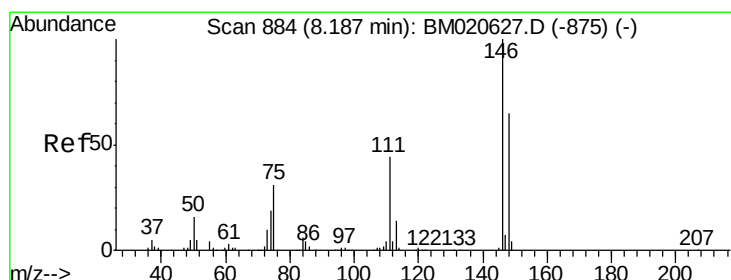
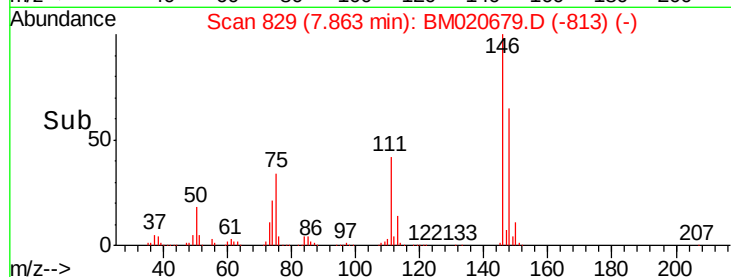
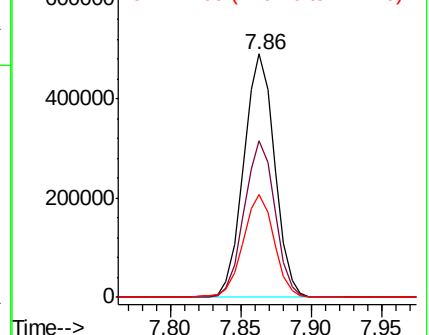
111 42.2 34.4 51.6



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: 28.526 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

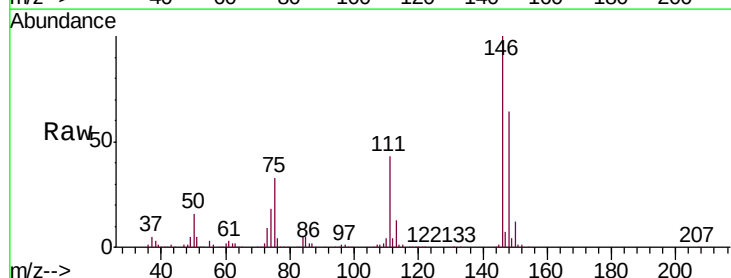
Tgt Ion:146 Resp: 721276

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

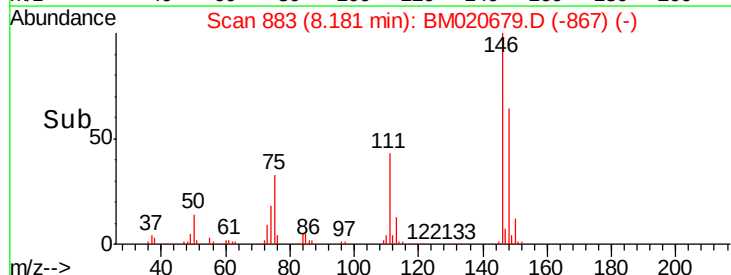
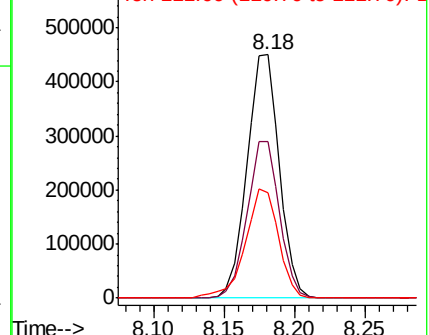
111 43.1 35.1 52.7

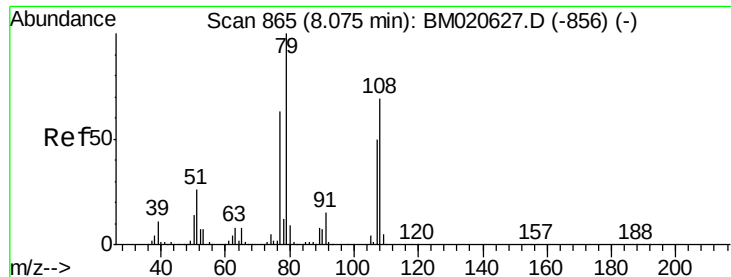


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.378 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

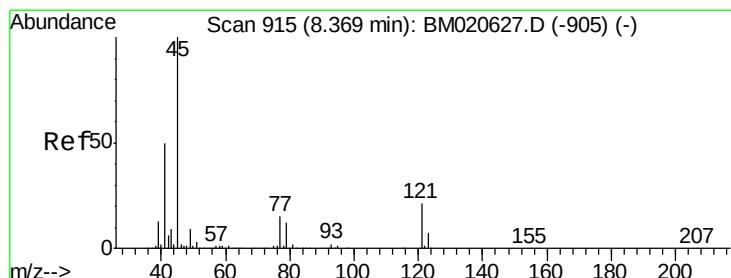
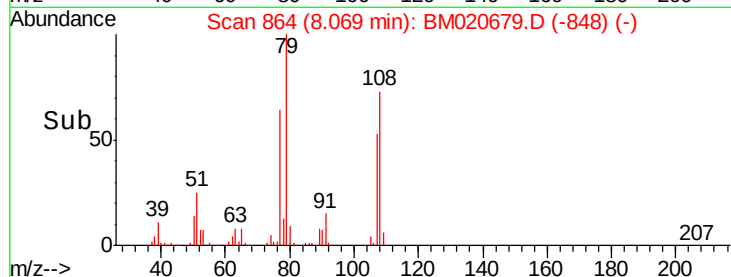
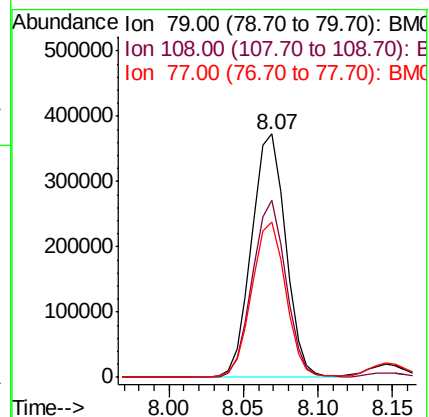
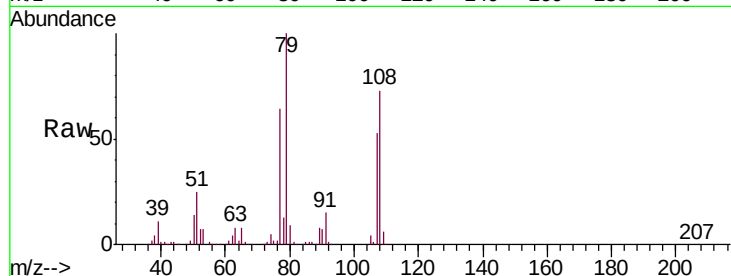
Tgt Ion: 79 Resp: 590924

Ion Ratio Lower Upper

79 100

108 72.7 54.9 82.3

77 64.0 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.080 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

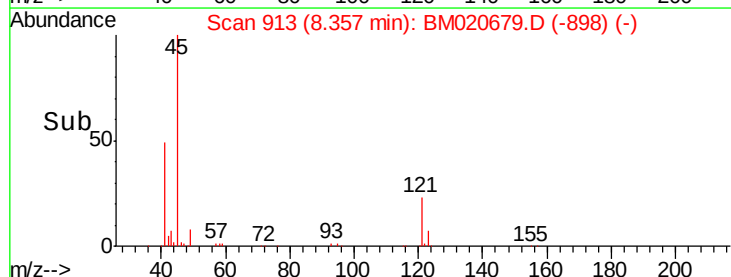
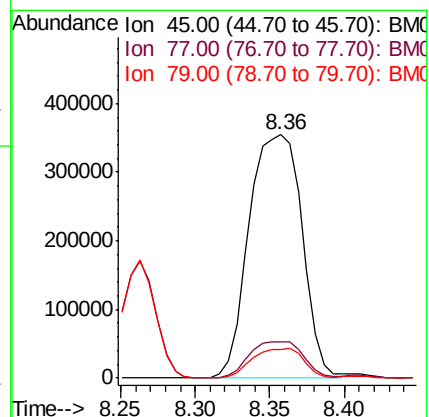
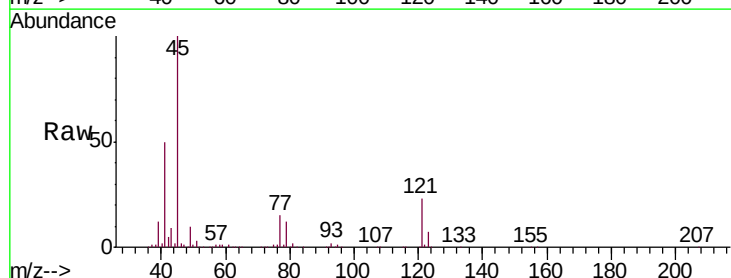
Tgt Ion: 45 Resp: 875304

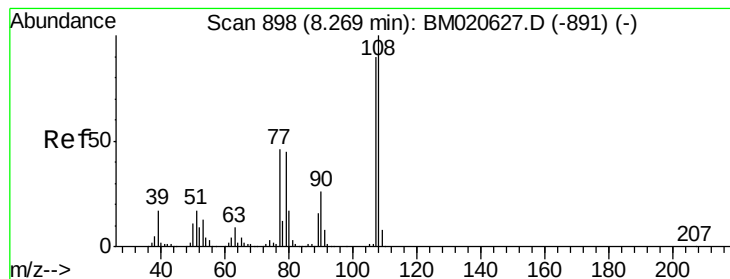
Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.9

79 11.8 0.0 31.8





#17

2-Methylphenol

Concen: 26.982 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

Tgt Ion:107 Resp: 538184

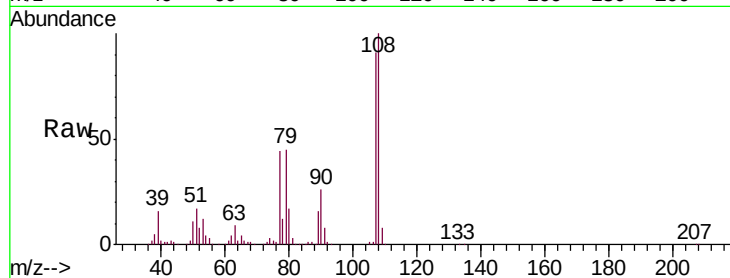
Ion Ratio Lower Upper

107 100

108 109.9 88.6 133.0

77 48.7 40.6 61.0

79 49.4 39.9 59.9

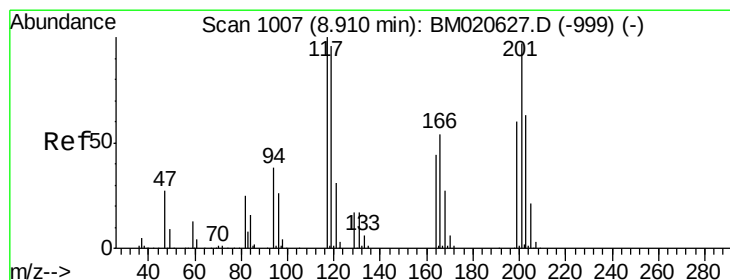
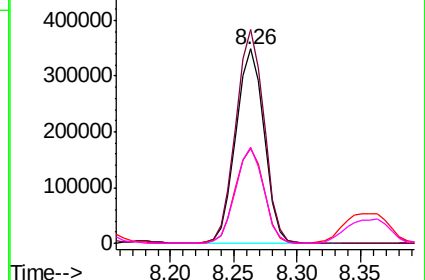
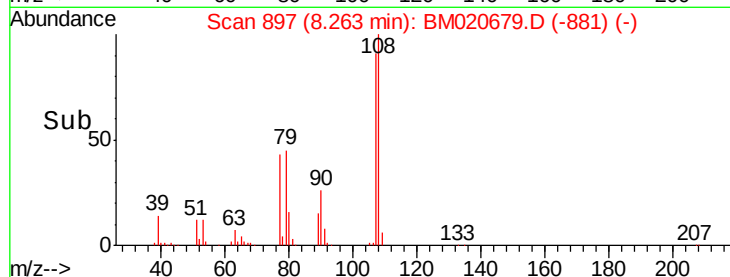


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 27.792 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

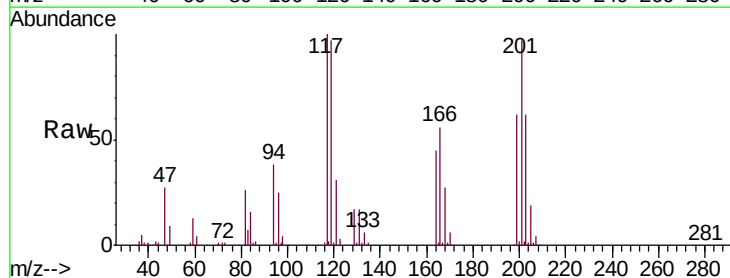
Tgt Ion:117 Resp: 276460

Ion Ratio Lower Upper

117 100

119 97.1 76.7 115.1

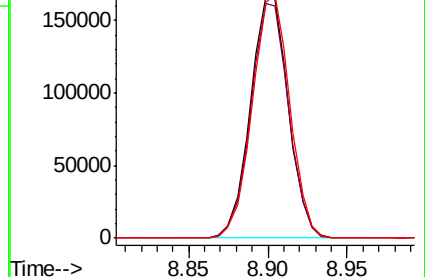
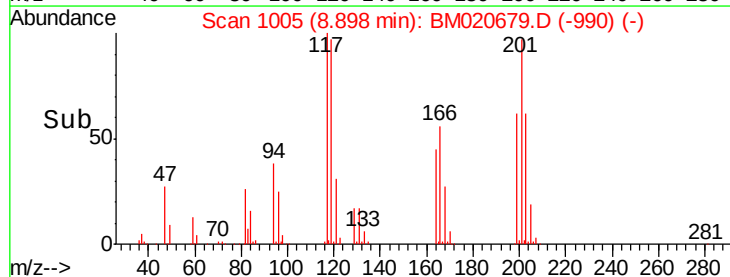
201 97.3 77.9 116.9

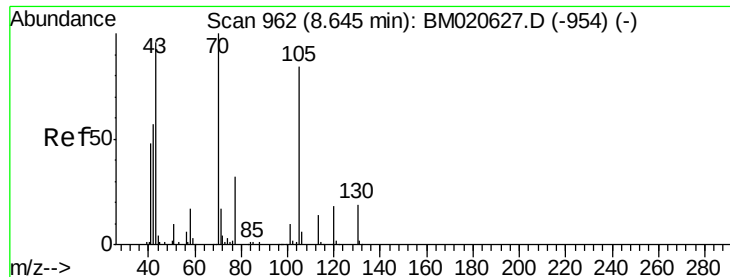


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

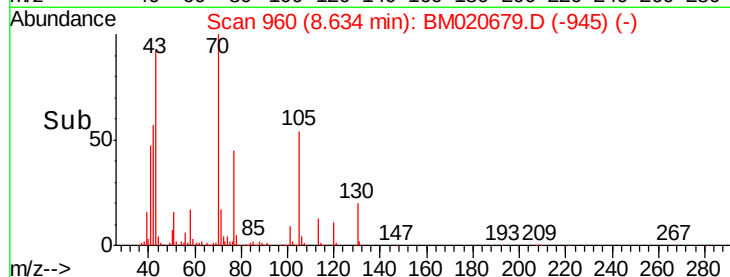
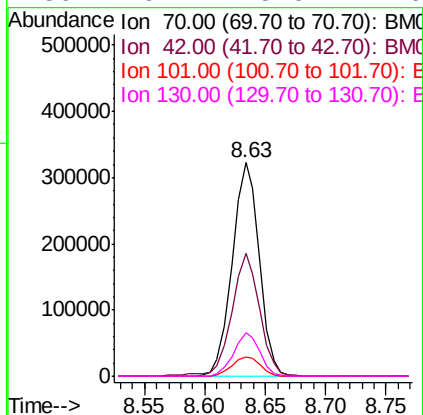
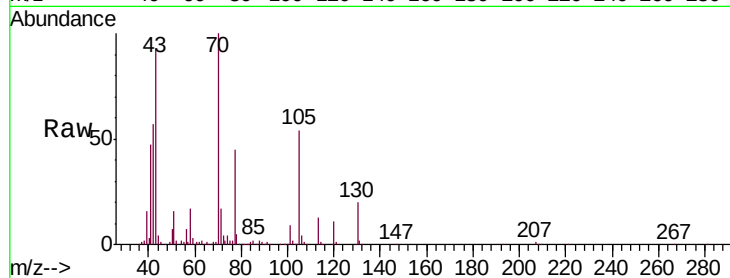




#19
n-Nitroso-di-n-propylamine
Concen: 23.737 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

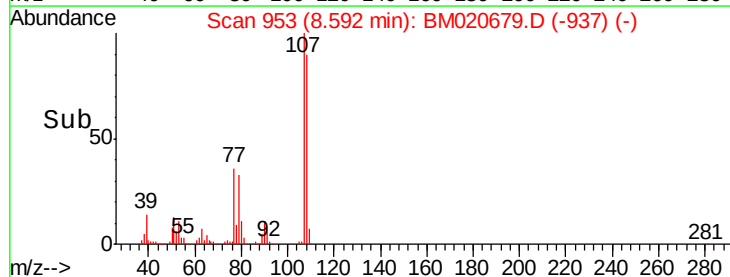
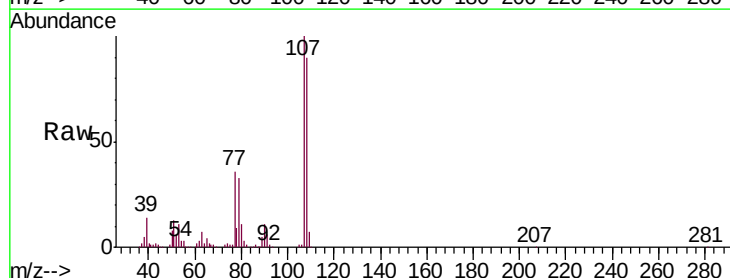
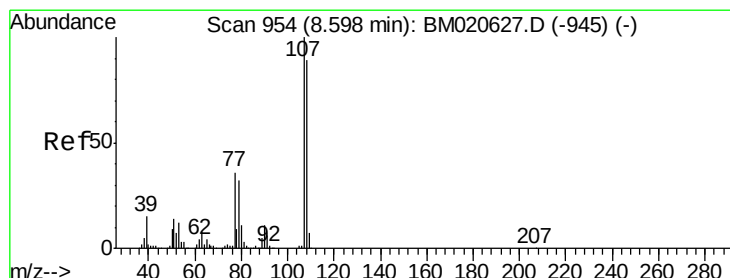
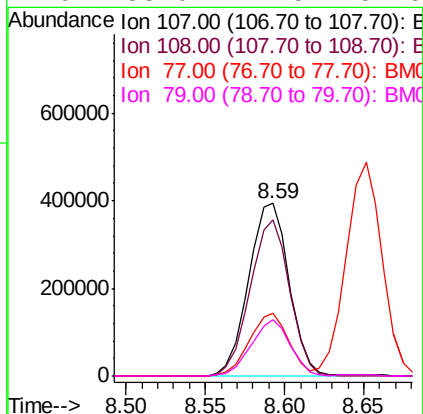
Instrument :
BNA_M
ClientSampleId :
PB120232BS

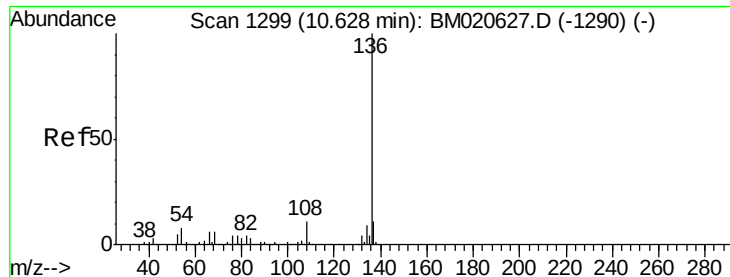
Tgt Ion: 70 Resp: 502227
Ion Ratio Lower Upper
70 100
42 57.3 46.8 70.2
101 9.1 7.8 11.6
130 20.4 15.0 22.6



#20
3+4-Methylphenols
Concen: 25.761 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion: 107 Resp: 699090
Ion Ratio Lower Upper
107 100
108 90.4 69.2 109.2
77 36.4 16.2 56.2
79 33.0 12.5 52.5

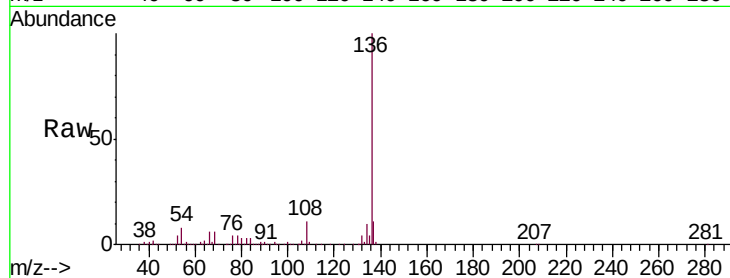




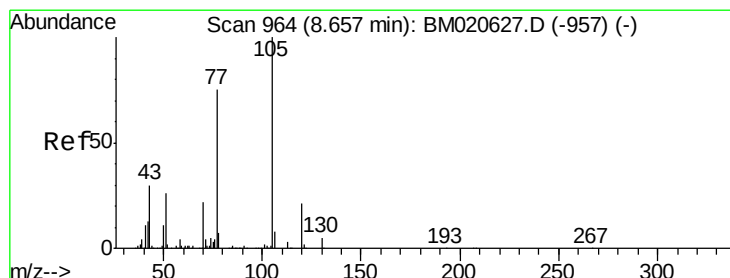
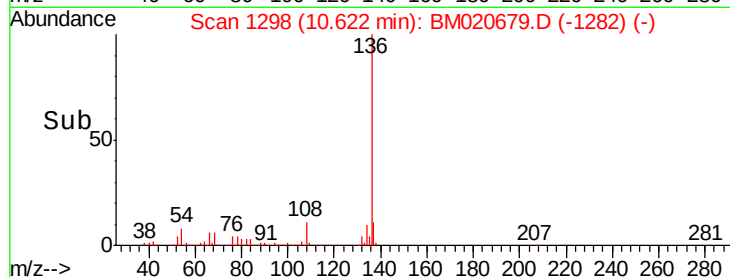
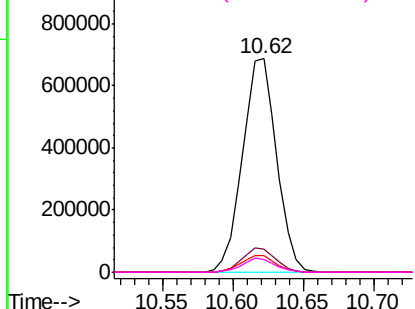
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:136 Resp: 1163179
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.7 6.6 10.0
68 6.0 5.1 7.7

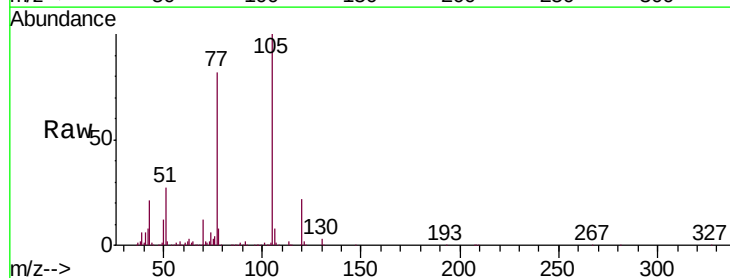


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

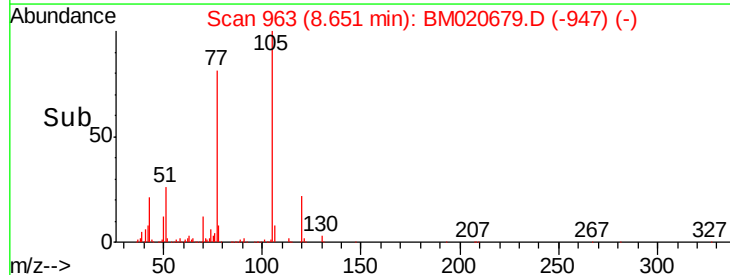
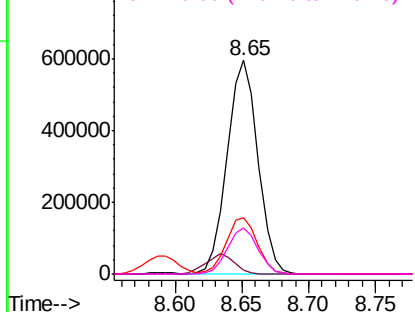


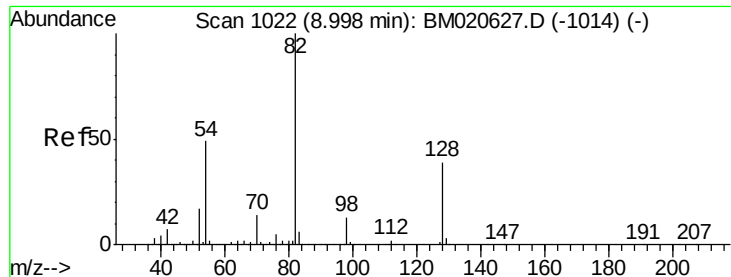
#22
Acetophenone
Concen: 32.426 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion:105 Resp: 958144
Ion Ratio Lower Upper
105 100
71 1.9 3.2 4.8#
51 26.5 22.8 34.2
120 21.9 17.0 25.4



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

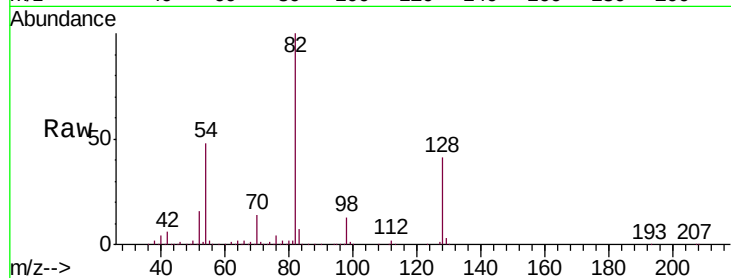




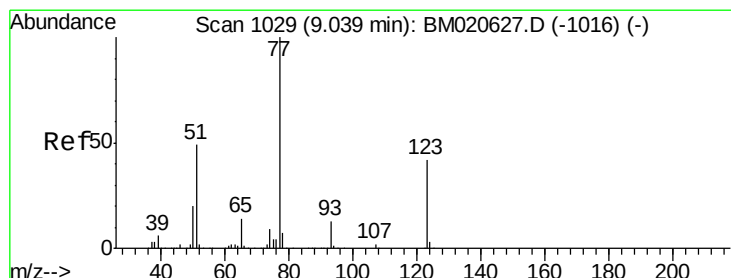
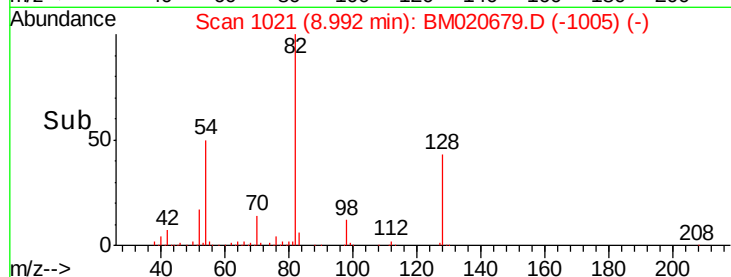
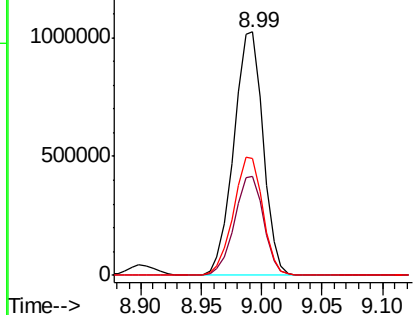
#23
Nitrobenzene-d5
Concen: 77.580 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion: 82 Resp: 1741679
Ion Ratio Lower Upper
82 100
128 40.9 31.5 47.3
54 47.8 39.4 59.0

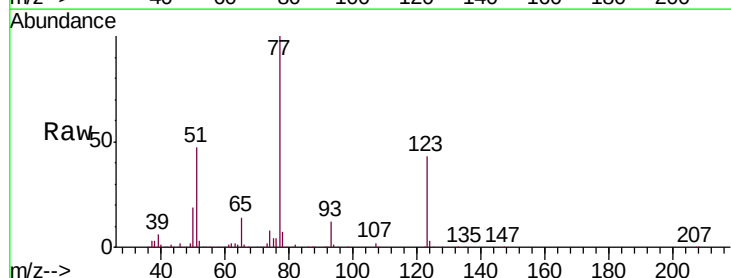


Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1014) (-)
Ion 128.00 (127.70 to 128.70): BM020627.D (-1014) (-)
Ion 54.00 (53.70 to 54.70): BM020627.D (-1014) (-)

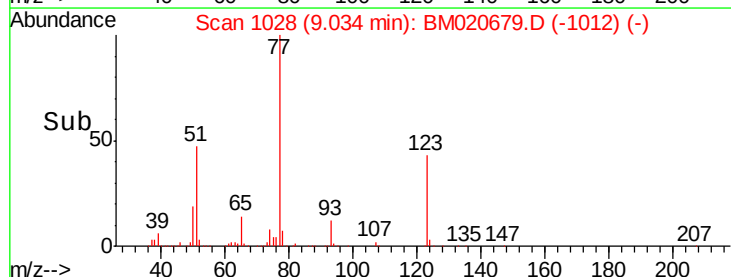
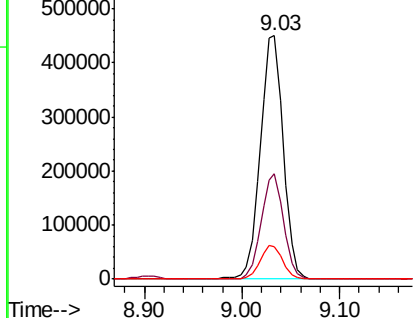


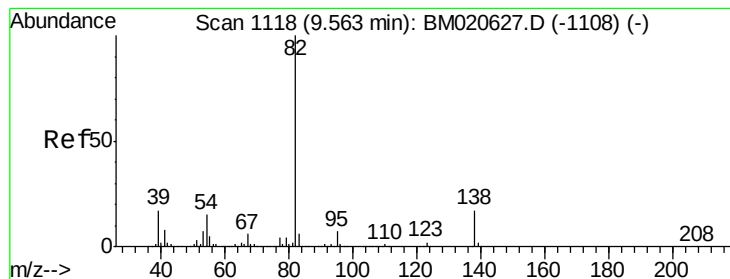
#24
Nitrobenzene
Concen: 32.636 ng
RT: 9.03 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion: 77 Resp: 747966
Ion Ratio Lower Upper
77 100
123 43.4 33.7 50.5
65 13.5 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BM020627.D (-1016) (-)
Ion 123.00 (122.70 to 123.70): BM020627.D (-1016) (-)
Ion 65.00 (64.70 to 65.70): BM020627.D (-1016) (-)





#25

Isophorone

Concen: 28.459 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

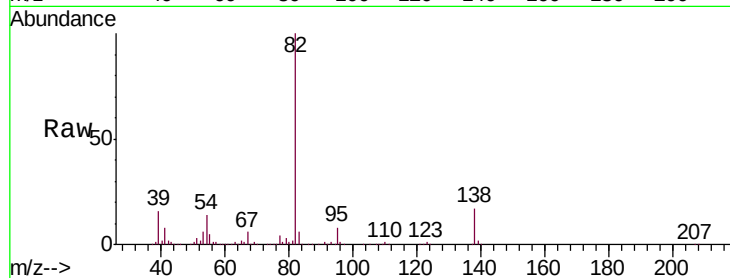
Tgt Ion: 82 Resp: 1270897

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

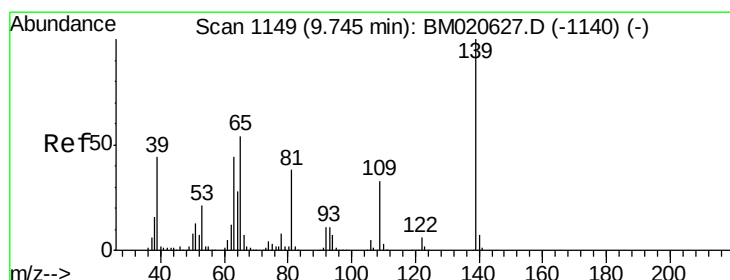
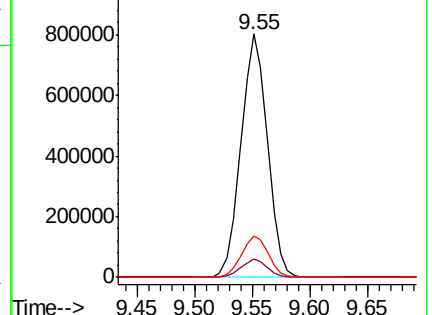
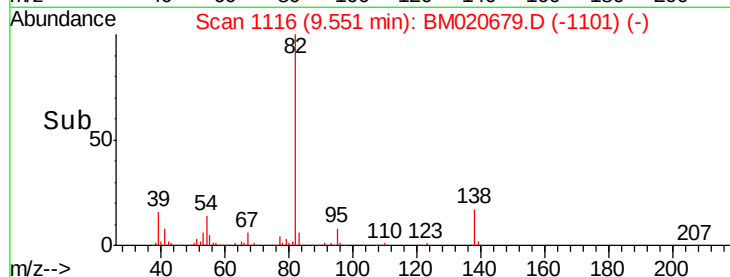
138 17.0 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020627.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020627.D (-1108) (-)



#26

2-Nitrophenol

Concen: 34.067 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

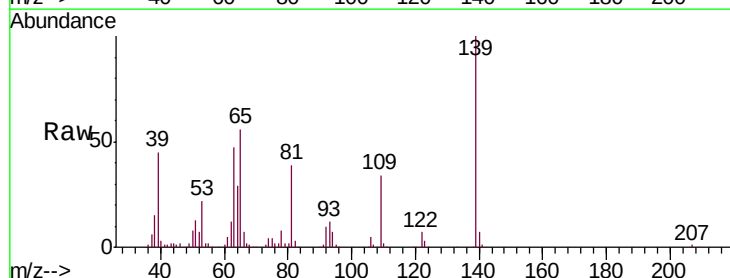
Tgt Ion: 139 Resp: 290991

Ion Ratio Lower Upper

139 100

109 34.2 26.1 39.1

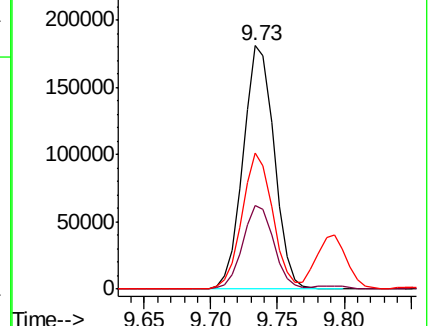
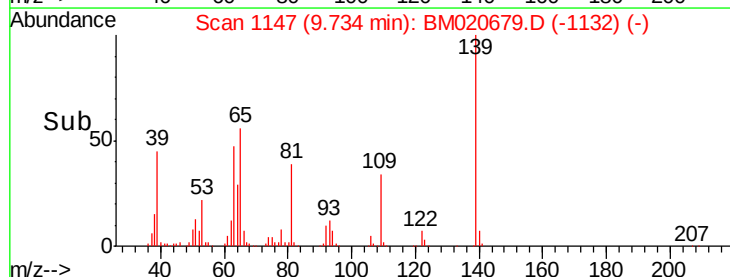
65 56.0 43.4 65.0

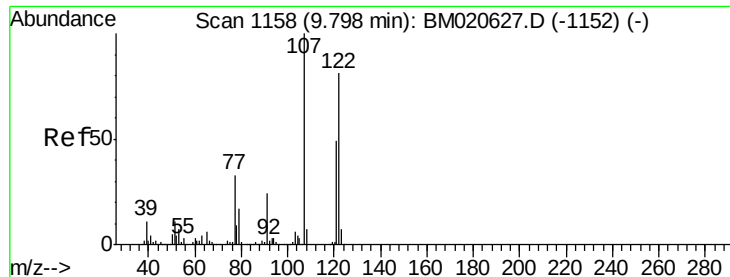


Abundance Ion 139.00 (138.70 to 139.70): BM020627.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020627.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020627.D (-1140) (-)

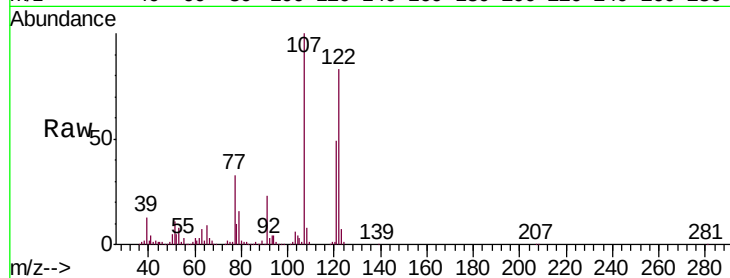




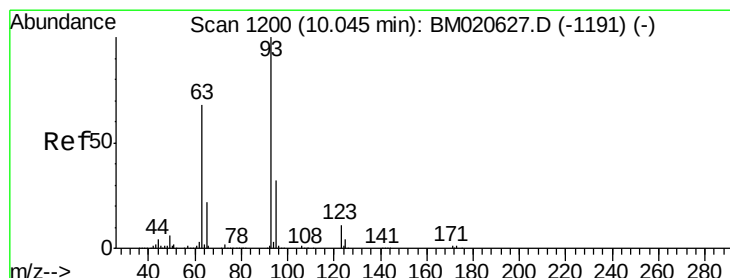
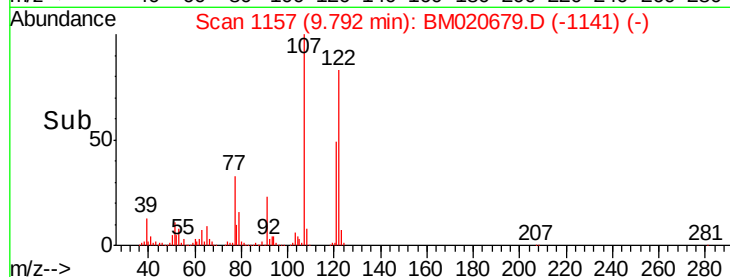
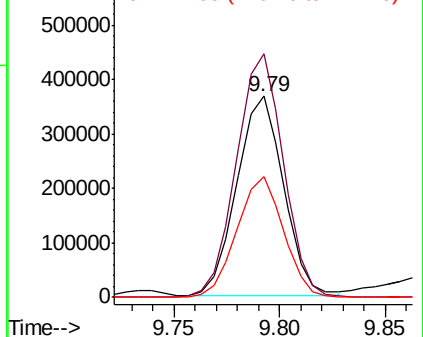
#27
 2,4-Dimethylphenol
 Concen: 35.099 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.1	98.0	147.0
121	59.8	48.2	72.4

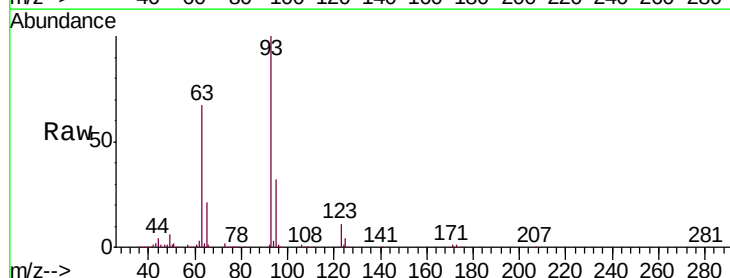


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

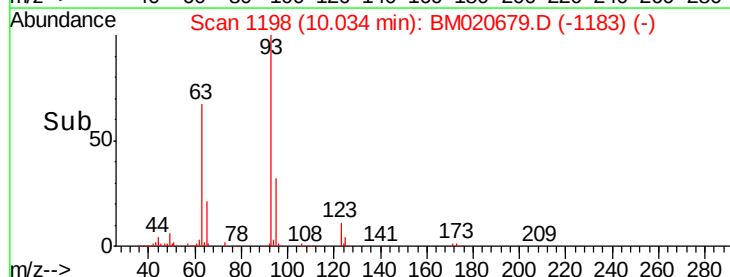
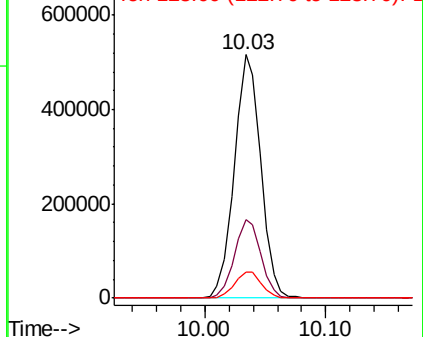


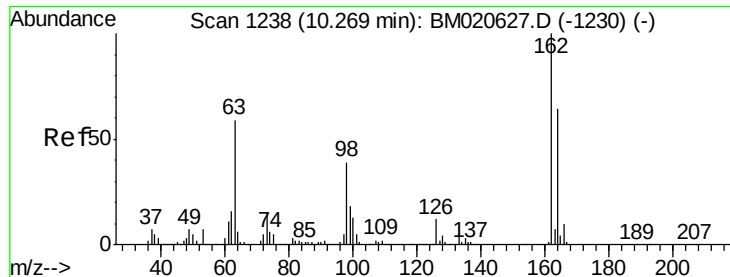
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.200 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	10.8	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

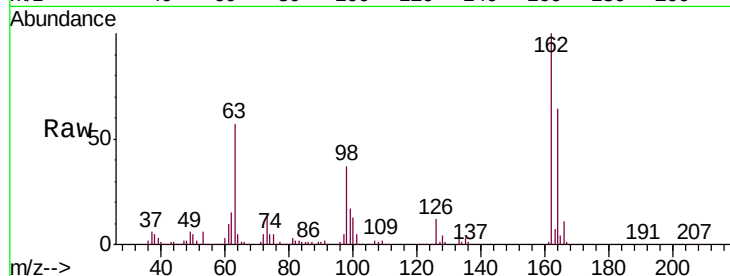




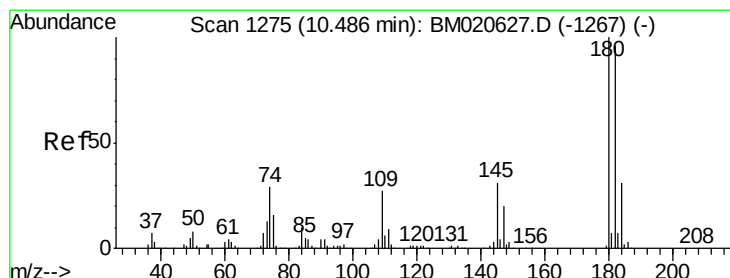
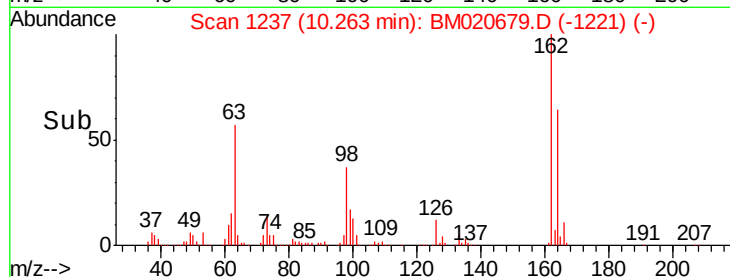
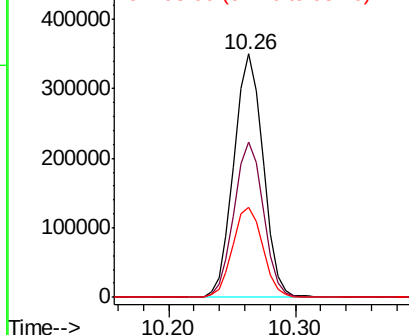
#29
2,4-Dichlorophenol
Concen: 31.609 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	37.0	19.1	59.1

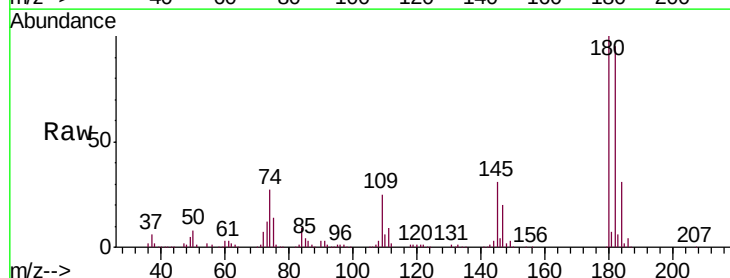


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

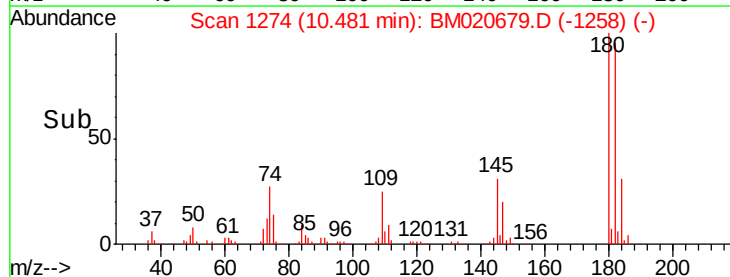
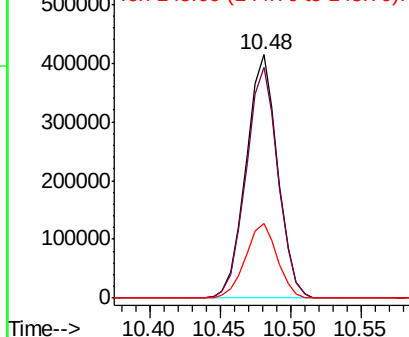


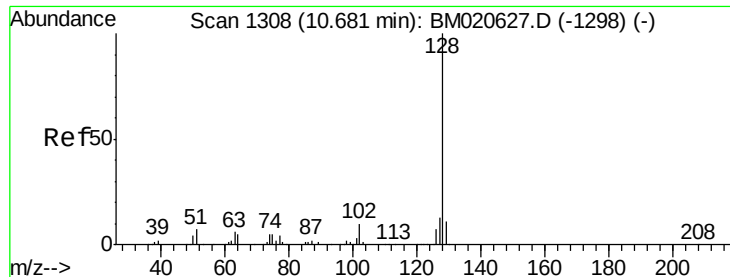
#30
1,2,4-Trichlorobenzene
Concen: 31.912 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.6
145	30.7	25.0	37.4



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

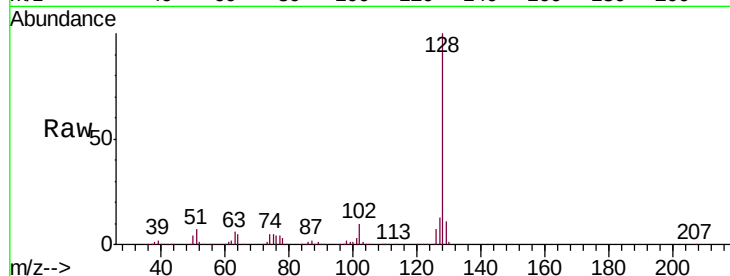




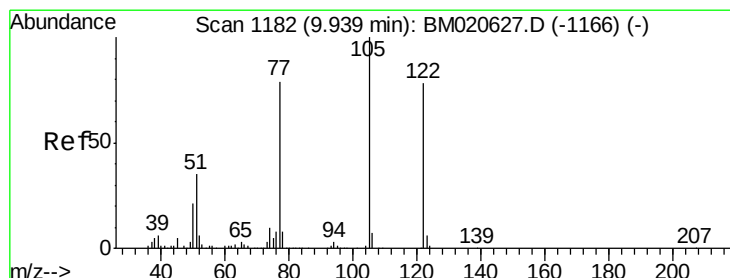
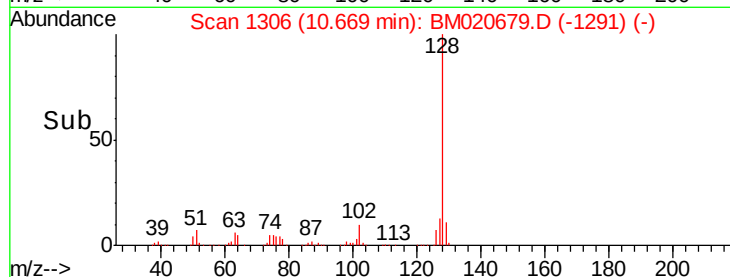
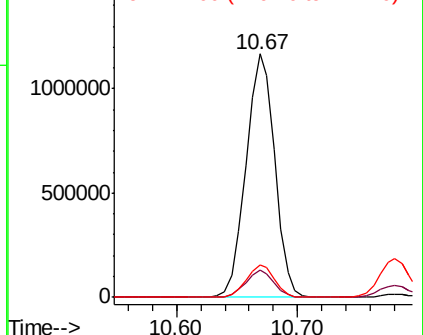
#31
Naphthalene
Concen: 32.312 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:128 Resp: 1932708
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.3 15.5

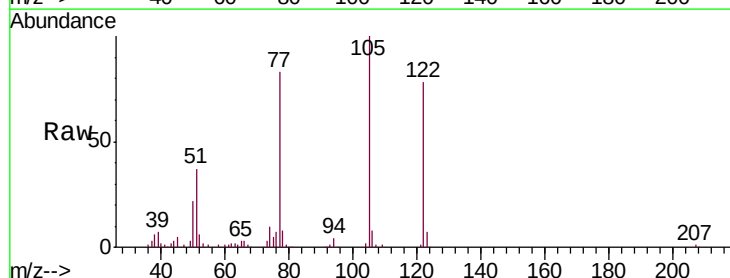


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

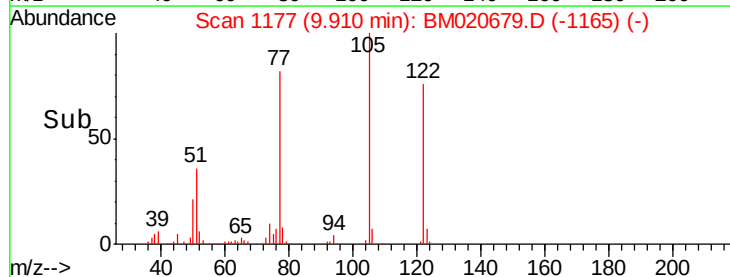
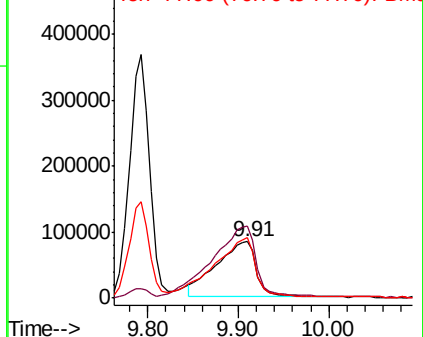


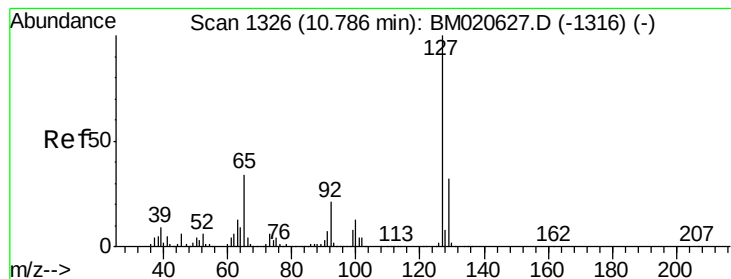
#32
Benzoic acid
Concen: 28.286 ng
RT: 9.91 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion:122 Resp: 261169
Ion Ratio Lower Upper
122 100
105 128.2 107.0 147.0
77 106.9 80.9 120.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





#33

4-Chloroaniline

Concen: 11.664 ng

RT: 10.78 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

Tgt Ion:127 Resp: 324681

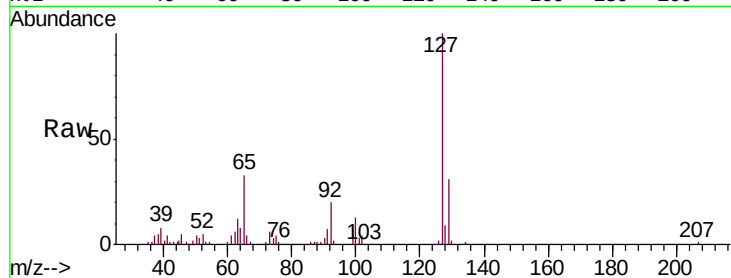
Ion Ratio Lower Upper

127 100

129 31.2 25.7 38.5

65 32.6 27.4 41.0

92 19.7 17.0 25.6

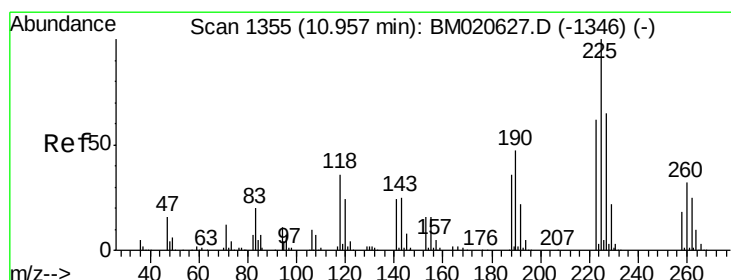
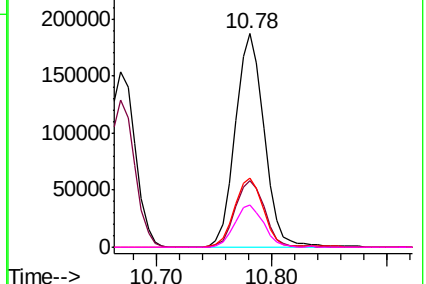
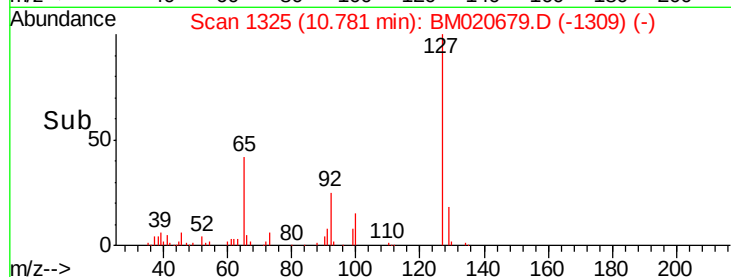


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 30.855 ng

RT: 10.95 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

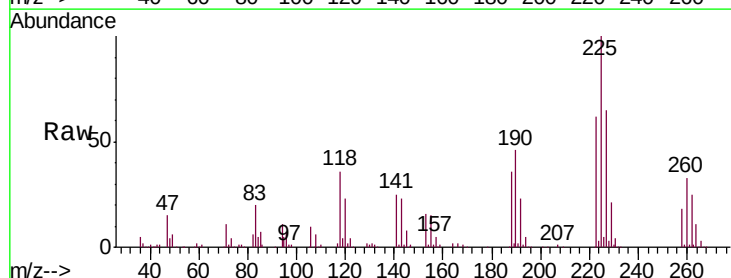
Tgt Ion:225 Resp: 376970

Ion Ratio Lower Upper

225 100

223 62.4 49.7 74.5

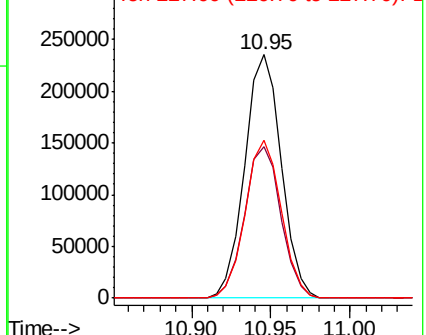
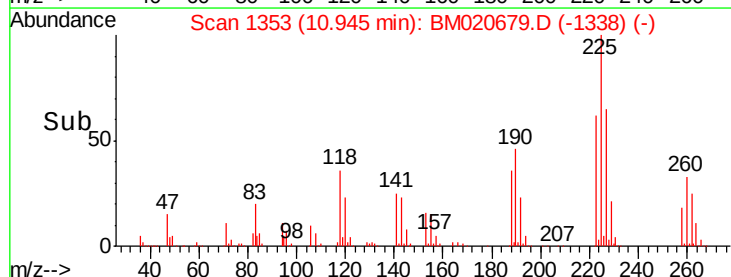
227 65.0 51.8 77.8

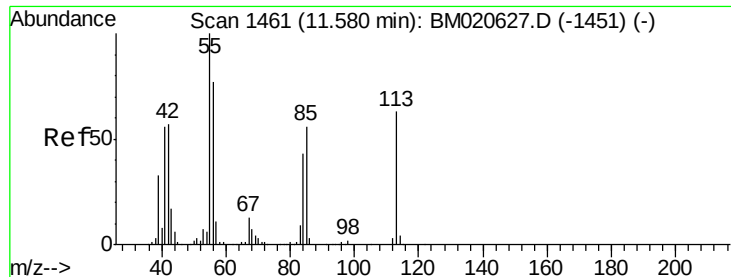


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.312 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampled :

PB120232BS

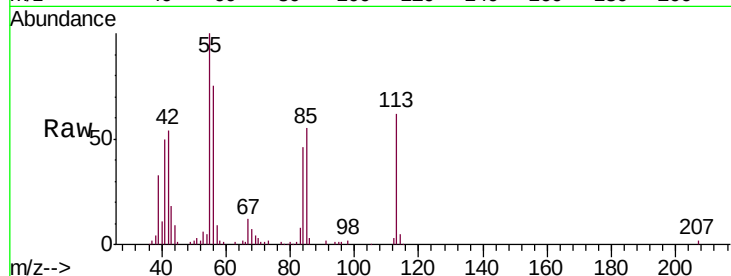
Tgt Ion:113 Resp: 149566

Ion Ratio Lower Upper

113 100

55 162.5 138.6 178.6

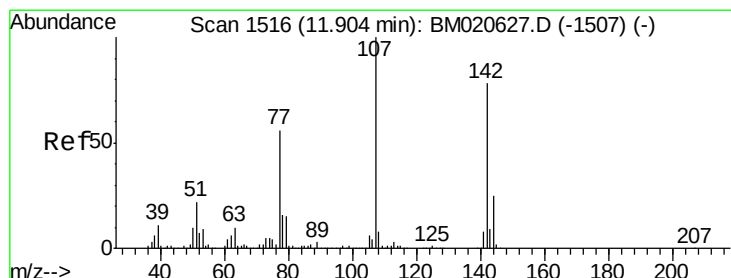
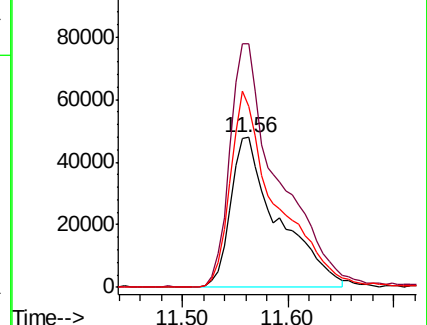
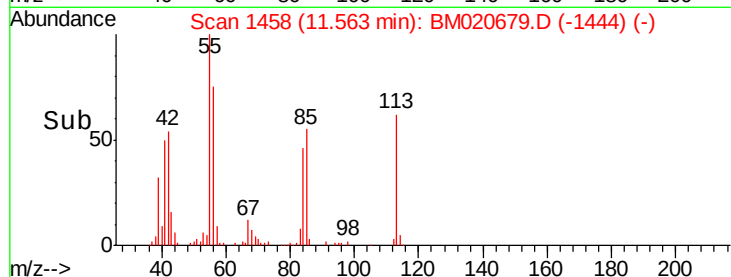
56 121.1 102.3 142.3



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: 27.485 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

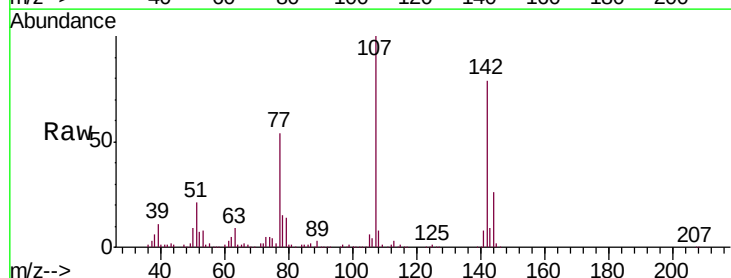
Tgt Ion:107 Resp: 565879

Ion Ratio Lower Upper

107 100

144 25.9 20.3 30.5

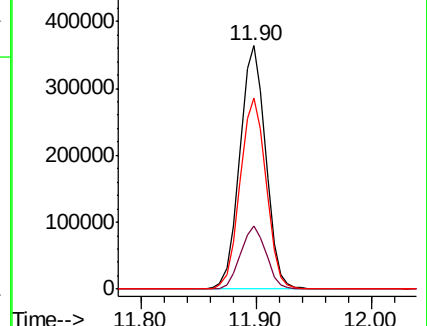
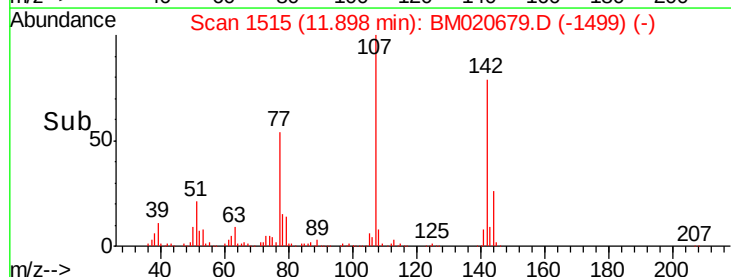
142 78.5 62.6 93.8

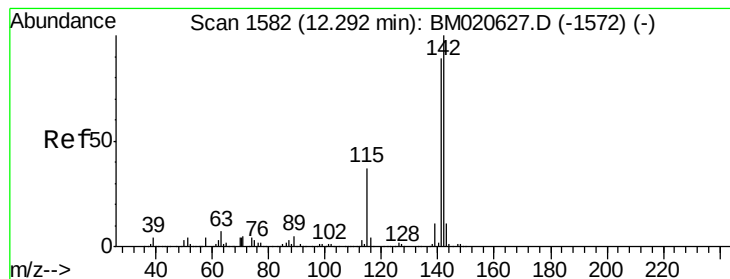


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.202 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

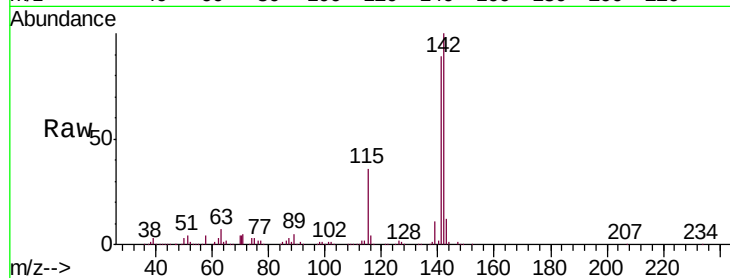
Tgt Ion:142 Resp: 1339027

Ion Ratio Lower Upper

142 100

141 89.2 71.6 107.4

115 36.2 29.6 44.4

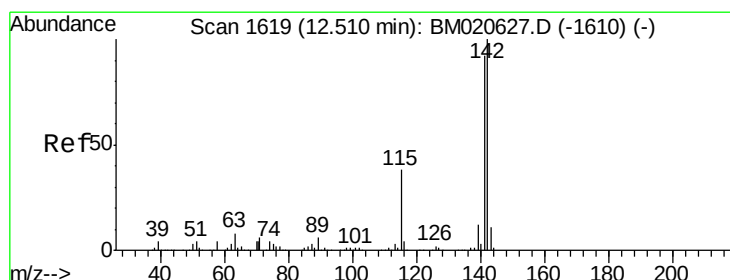
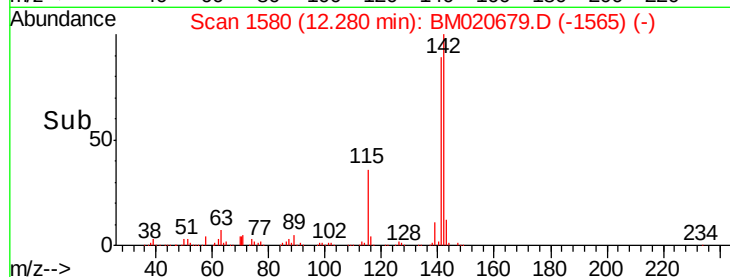
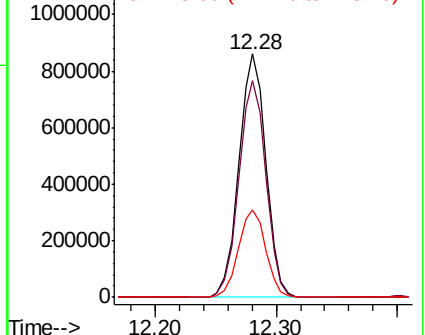


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 29.995 ng

RT: 12.50 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

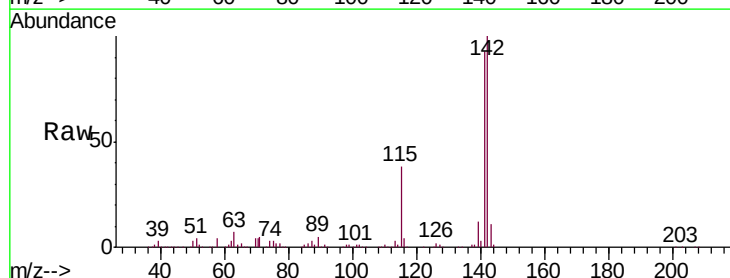
Tgt Ion:142 Resp: 1266262

Ion Ratio Lower Upper

142 100

141 93.4 73.9 110.9

116 4.0 3.2 4.8

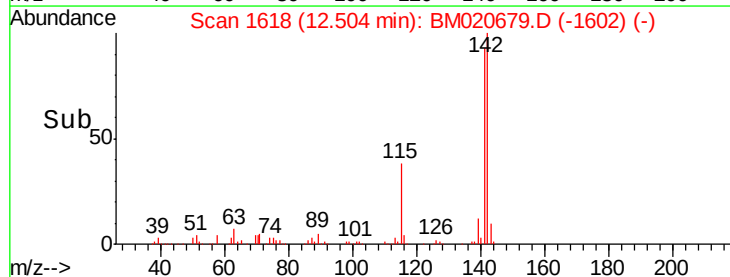
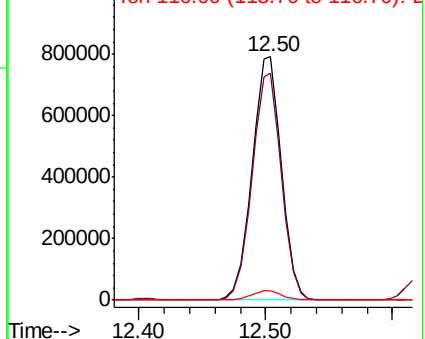


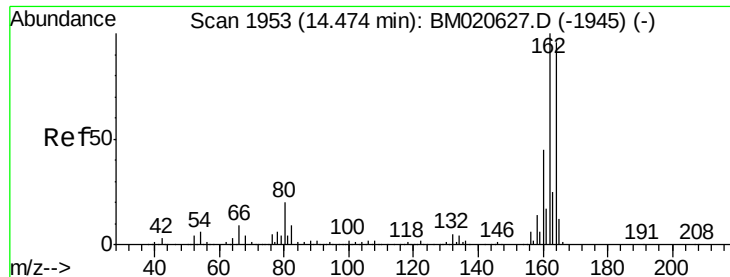
Abundance

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: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

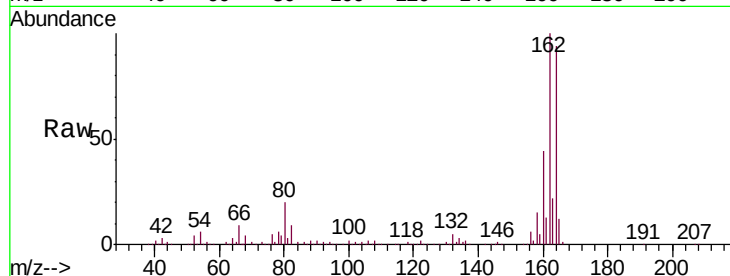
Tgt Ion:164 Resp: 548433

Ion Ratio Lower Upper

164 100

162 106.8 83.2 124.8

160 47.0 37.5 56.3

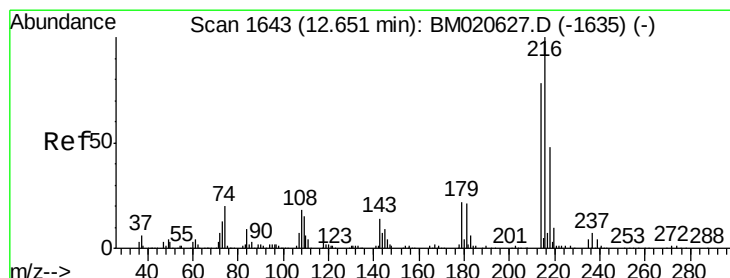
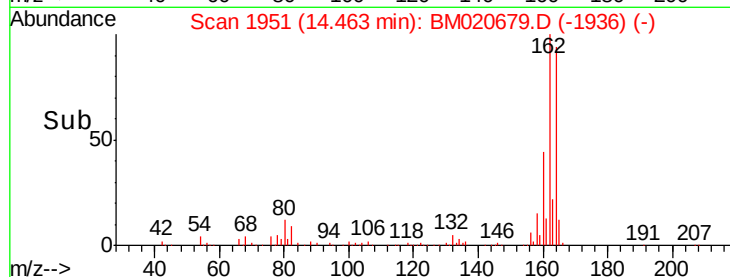
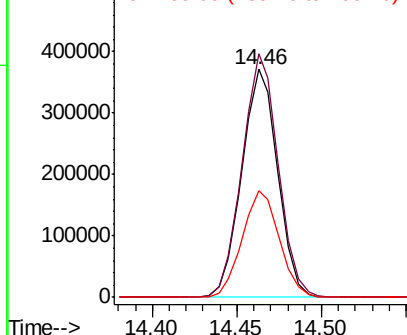


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.685 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Tgt Ion:216 Resp: 659329

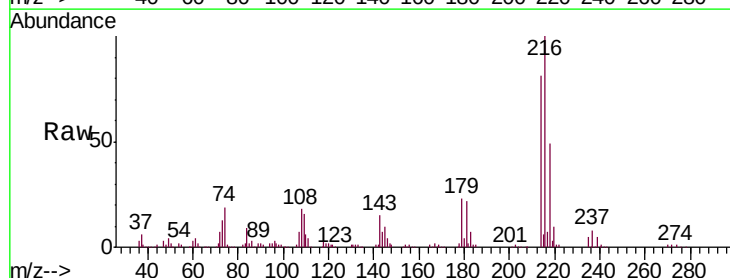
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.4 17.9 26.9

108 22.2 16.2 24.2



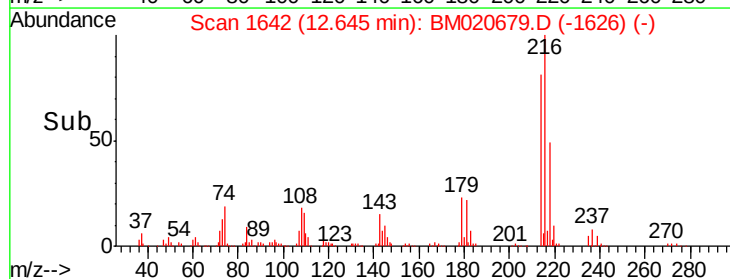
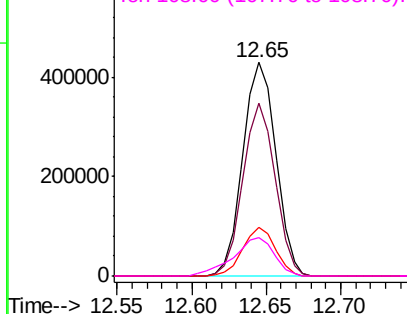
Abundance

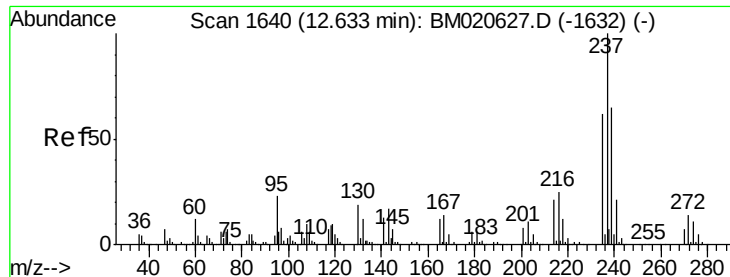
Ion 216.00 (215.70 to 216.70): E

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: 74.563 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

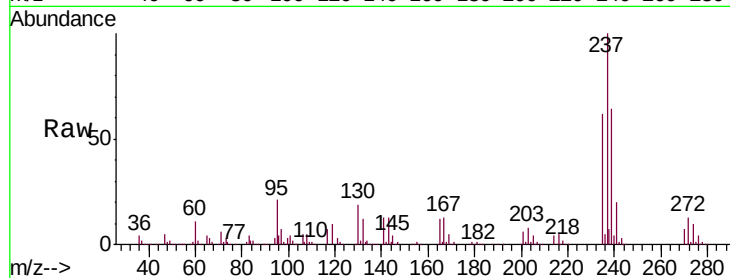
Tgt Ion: 237 Resp: 801472

Ion Ratio Lower Upper

237 100

235 62.3 42.1 82.1

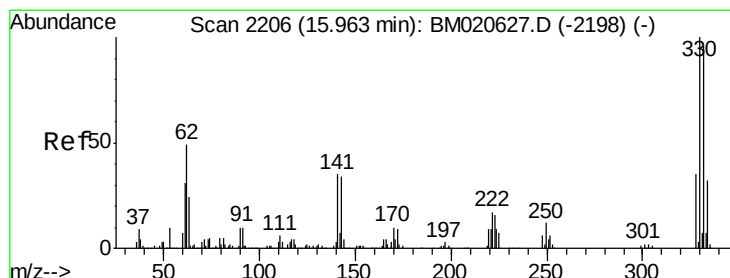
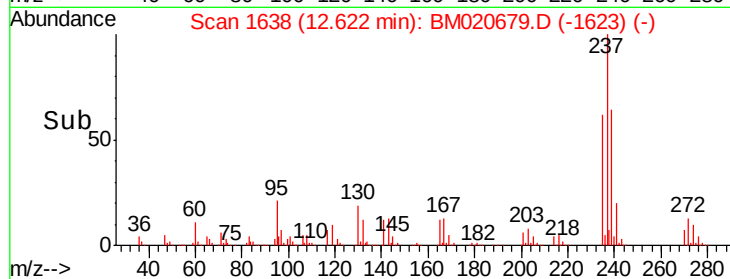
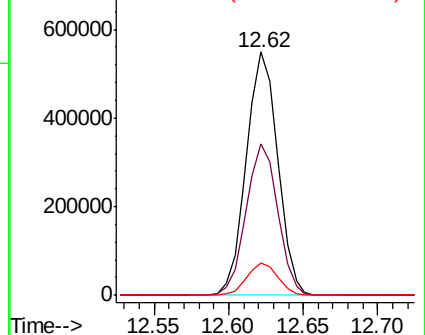
272 13.1 0.0 33.5



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: 136.347 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

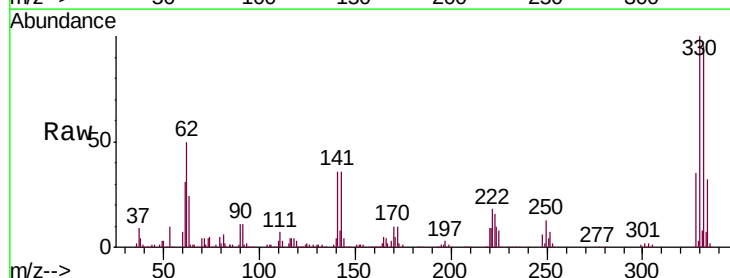
Tgt Ion: 330 Resp: 926484

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

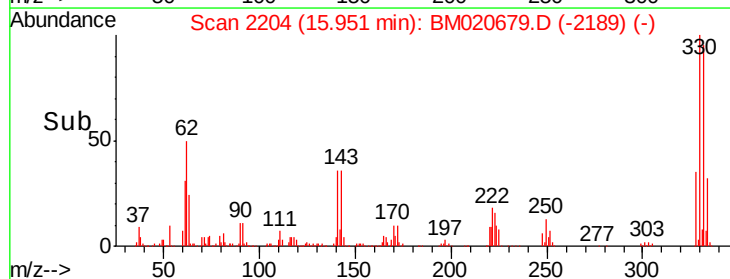
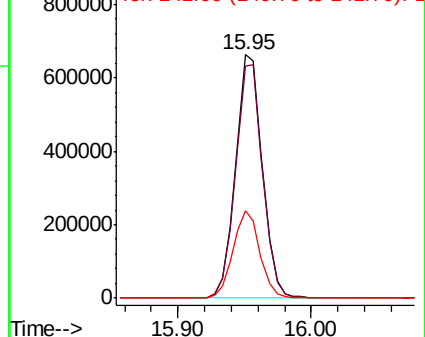
141 36.2 30.4 45.6

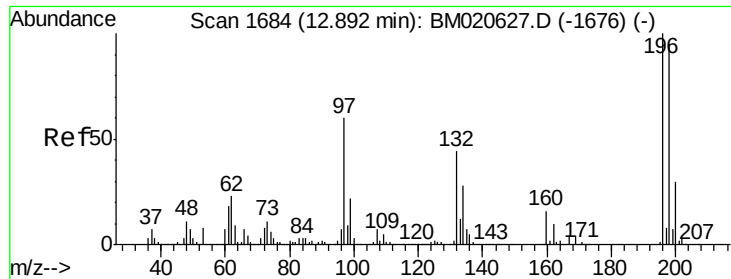


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

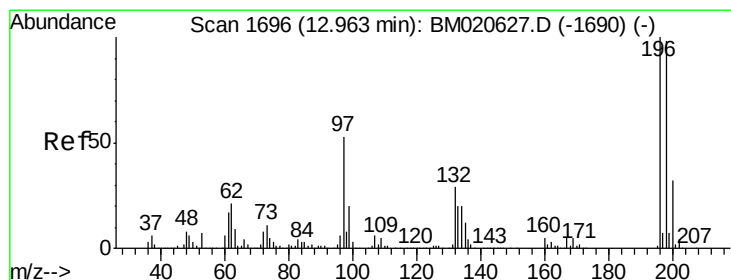
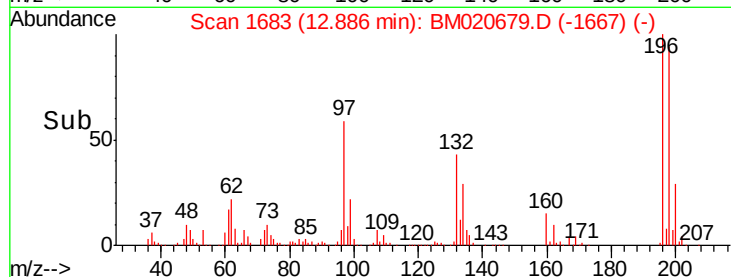
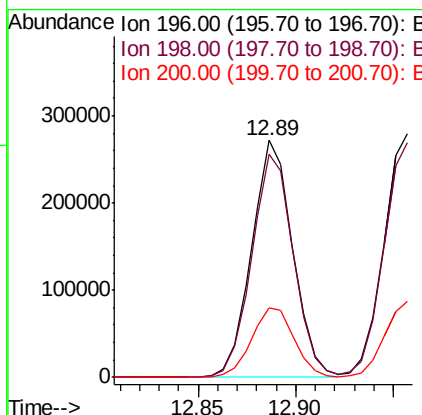
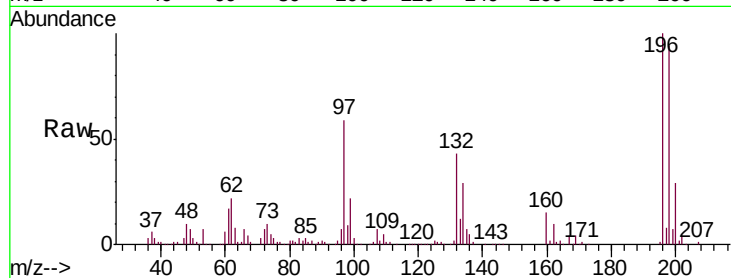




#43
 2,4,6-Trichlorophenol
 Concen: 34.241 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

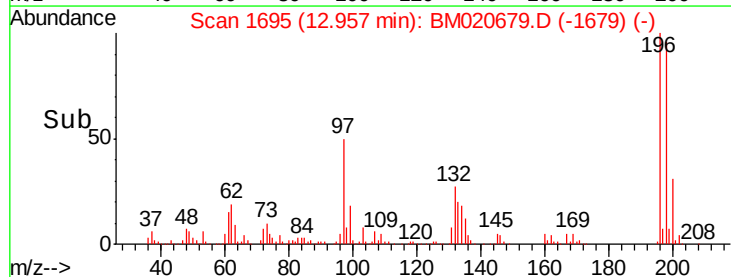
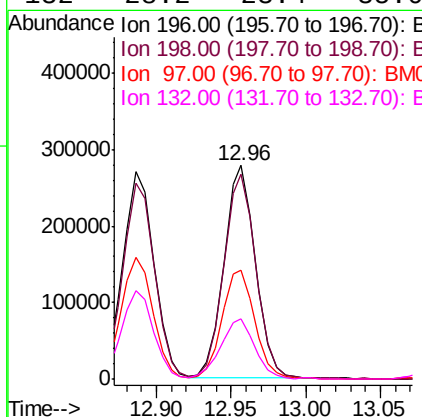
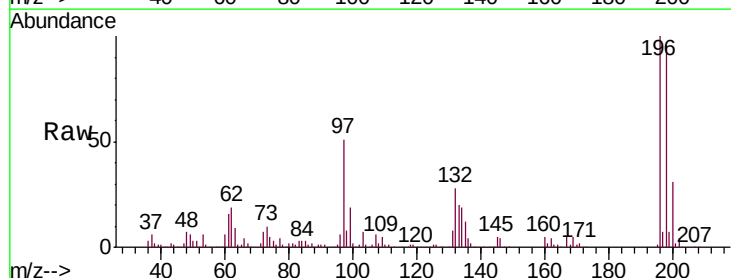
Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

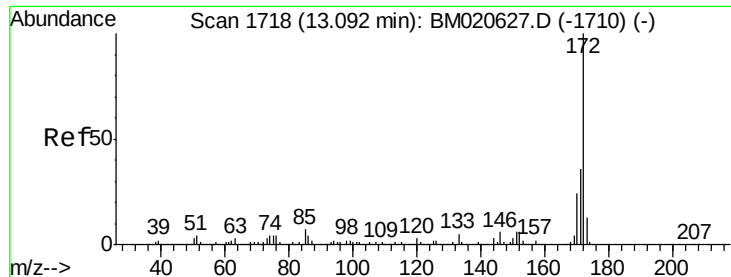
Tgt Ion:196 Resp: 396119
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 29.3 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 34.630 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Tgt Ion:196 Resp: 413597
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.6 117.8
 97 51.0 42.7 64.1
 132 28.2 23.4 35.0

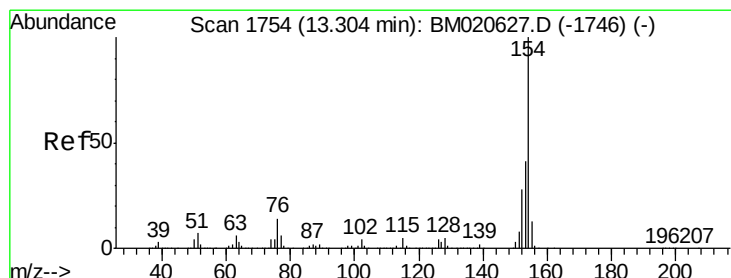
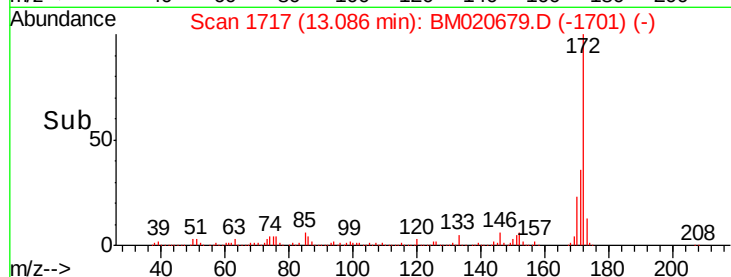
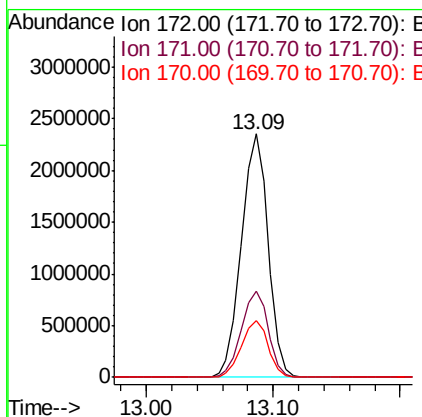
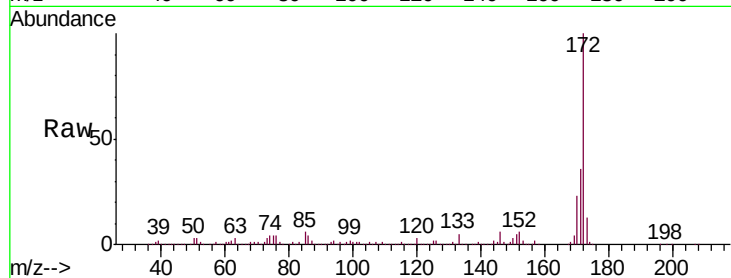




#45
2-Fluorobiphenyl
Concen: 83.172 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

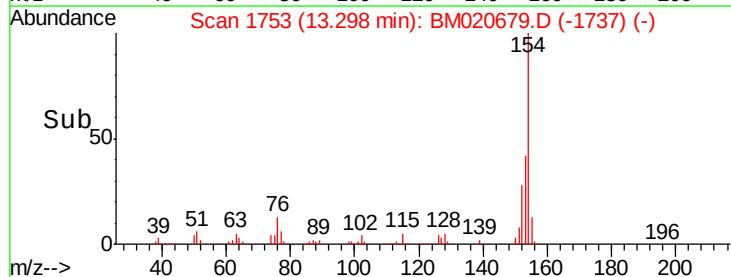
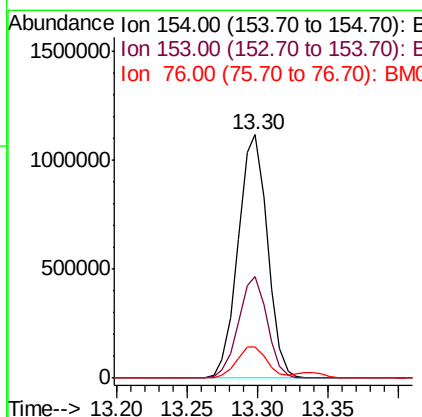
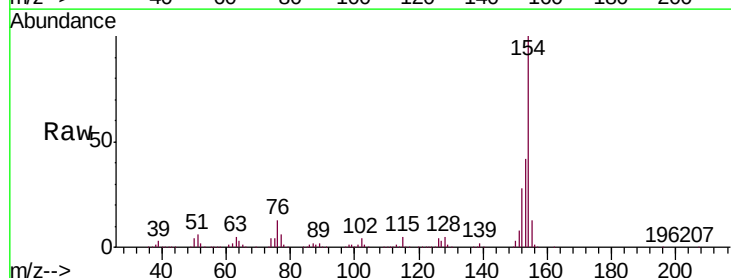
Instrument :
BNA_M
ClientSampleId :
PB120232BS

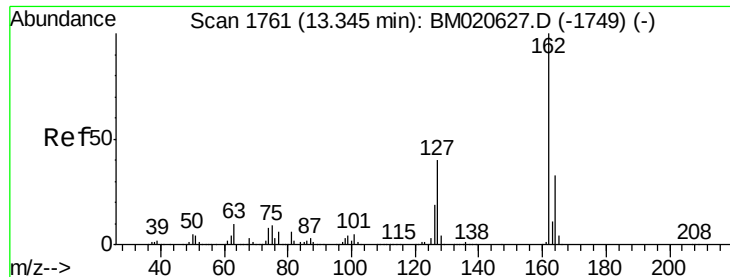
Tgt Ion:172 Resp: 3431047
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 35.285 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion:154 Resp: 1616189
Ion Ratio Lower Upper
154 100
153 41.8 20.7 60.7
76 12.9 0.0 34.0

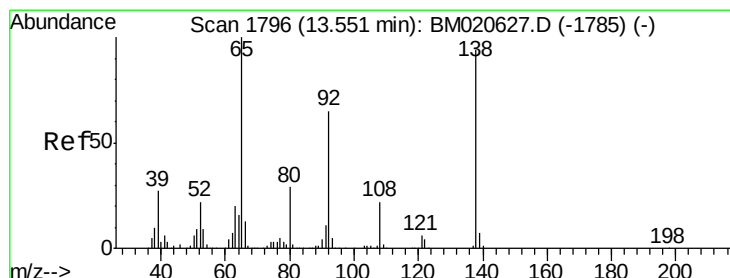
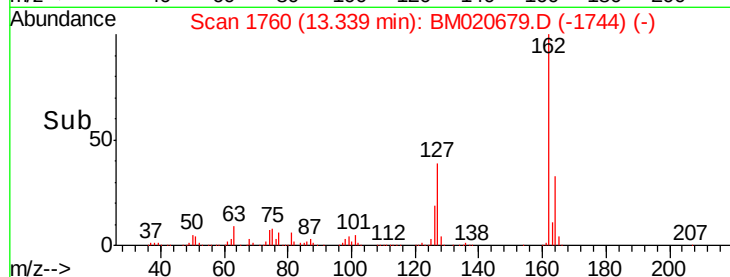
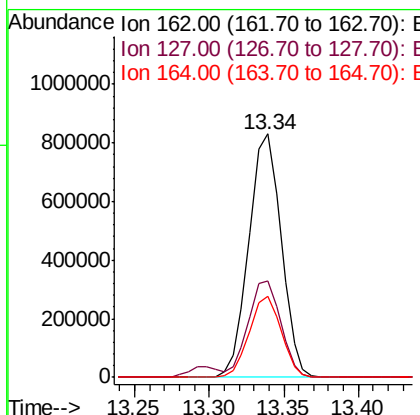
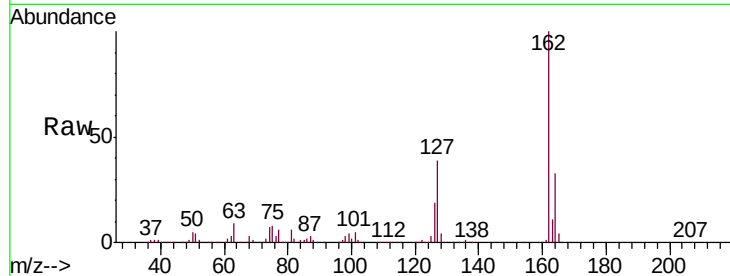




#47
 2-Chloronaphthalene
 Concen: 33.827 ng
 RT: 13.34 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

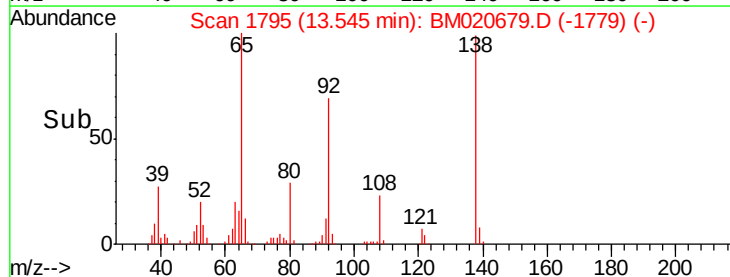
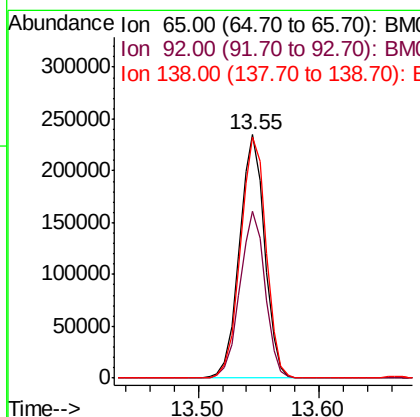
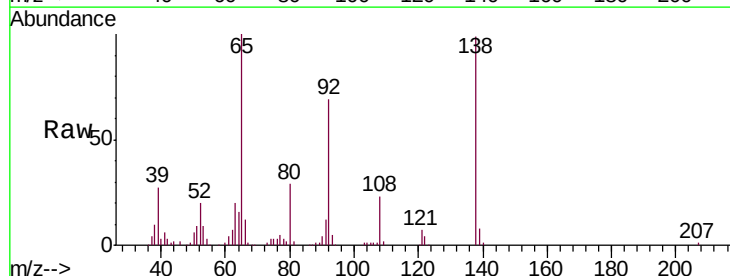
Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

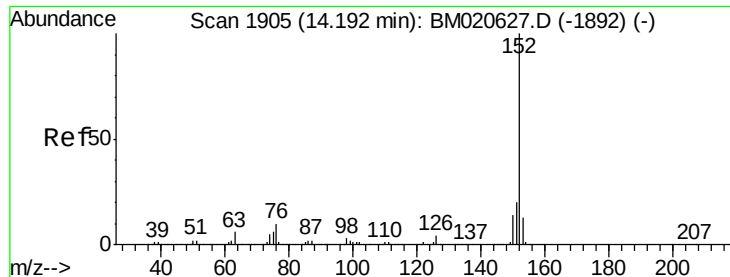
Tgt Ion: 162 Resp: 1250483
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.1 48.1
 164 33.3 26.6 39.8



#48
 2-Nitroaniline
 Concen: 29.491 ng
 RT: 13.55 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Tgt Ion: 65 Resp: 342181
 Ion Ratio Lower Upper
 65 100
 92 68.7 52.2 78.4
 138 99.2 75.4 113.0





#49

Acenaphthylene

Concen: 33.535 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

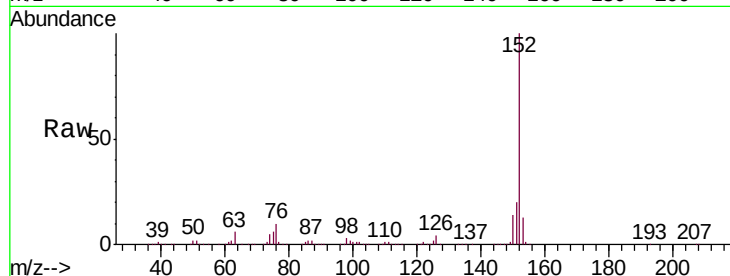
Tgt Ion:152 Resp: 1934310

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

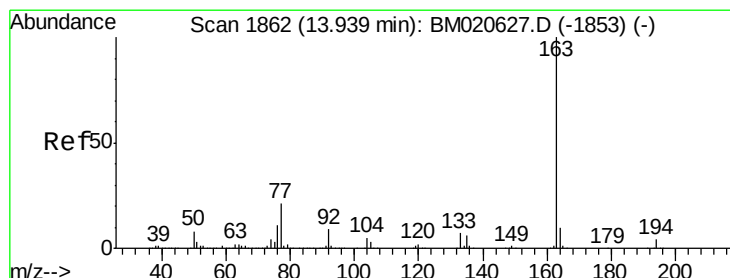
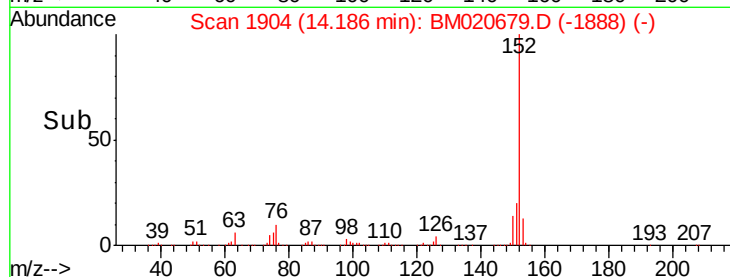
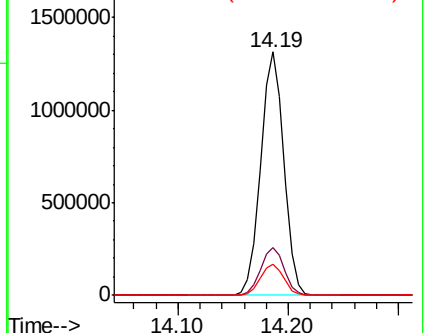
153 12.9 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 30.318 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

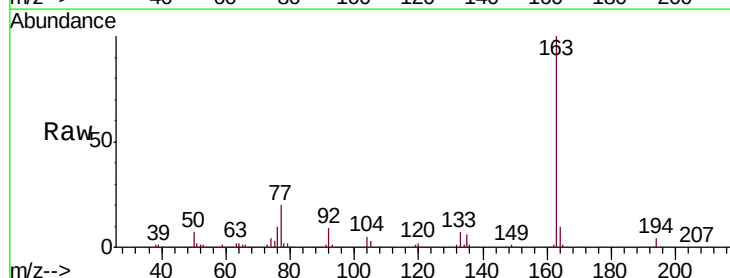
Tgt Ion:163 Resp: 1420551

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

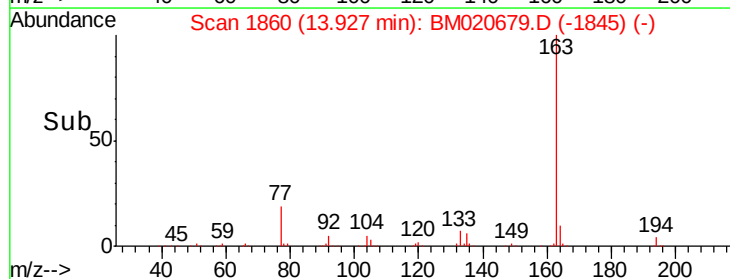
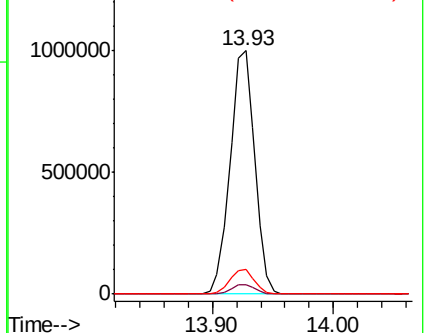
164 10.1 7.9 11.9

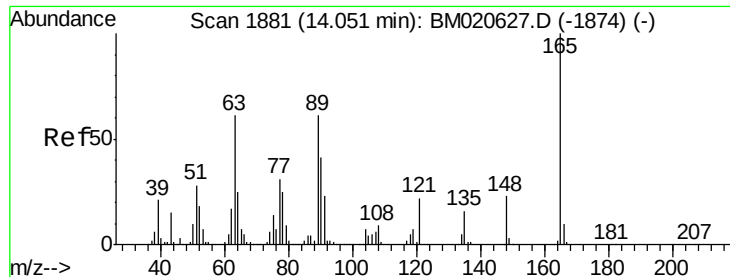


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 31.343 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

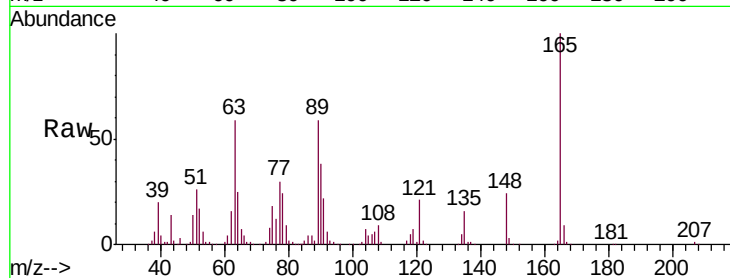
Tgt Ion:165 Resp: 298195

Ion Ratio Lower Upper

165 100

63 59.3 50.4 75.6

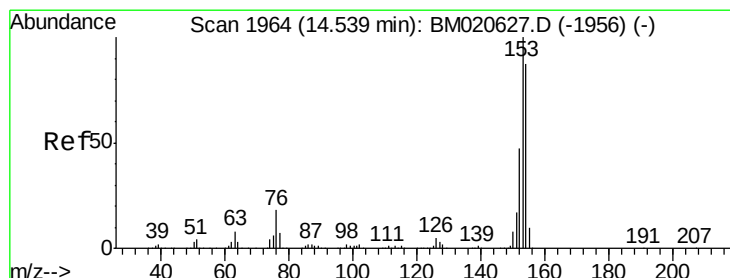
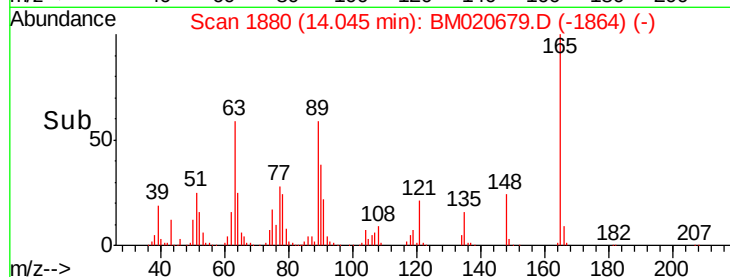
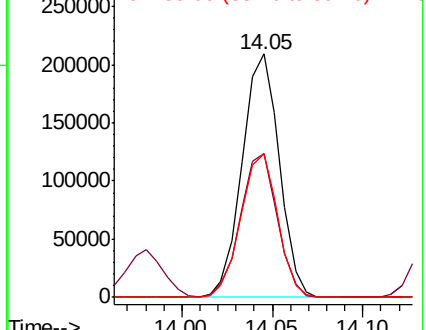
89 59.1 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 32.842 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

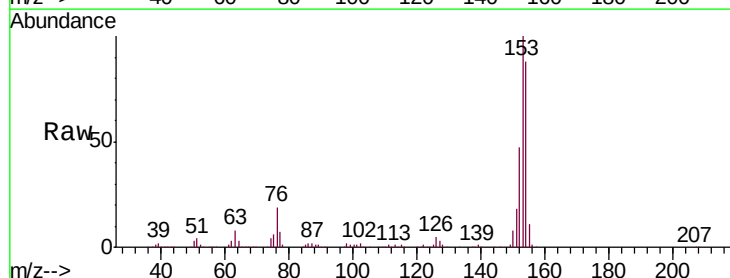
Tgt Ion:154 Resp: 1128902

Ion Ratio Lower Upper

154 100

153 114.0 92.4 138.6

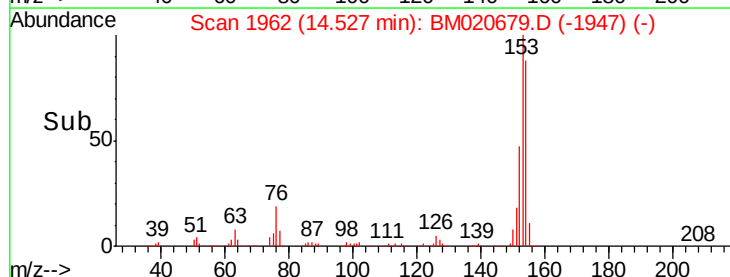
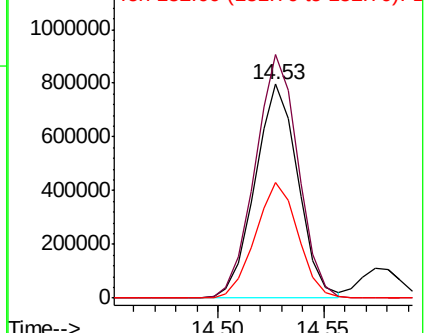
152 54.0 43.4 65.0

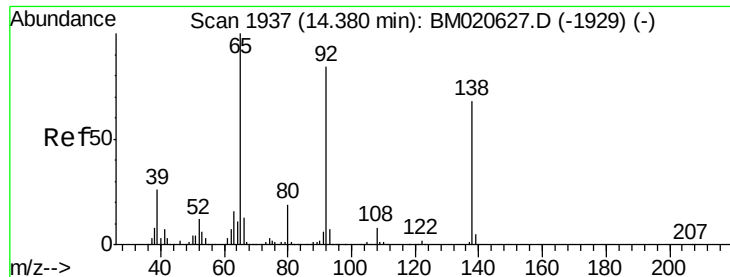


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

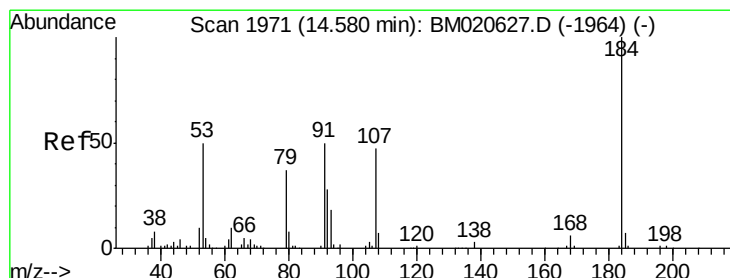
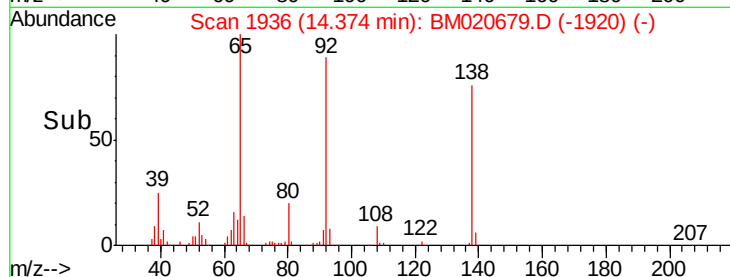
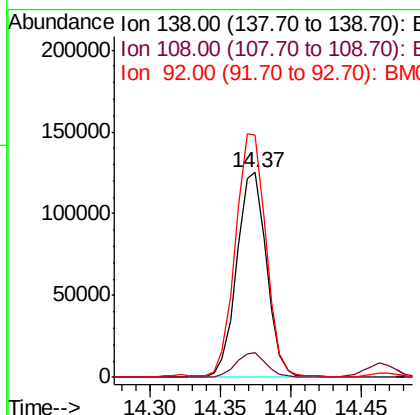
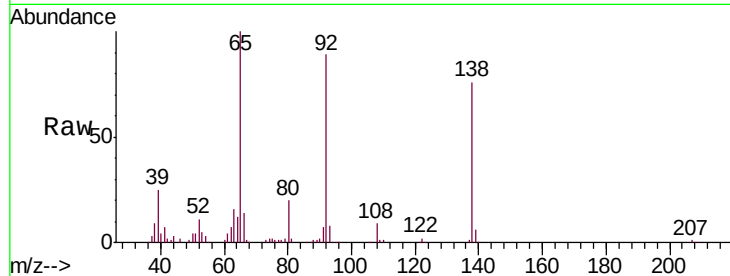




#53
3-Nitroaniline
Concen: 17.424 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

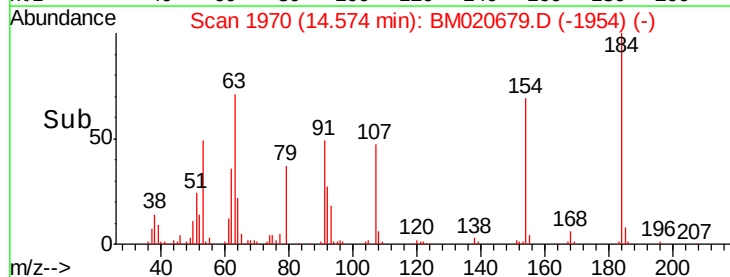
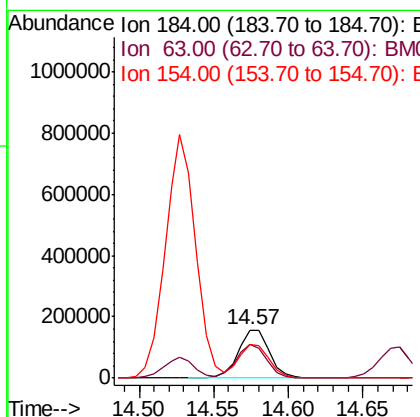
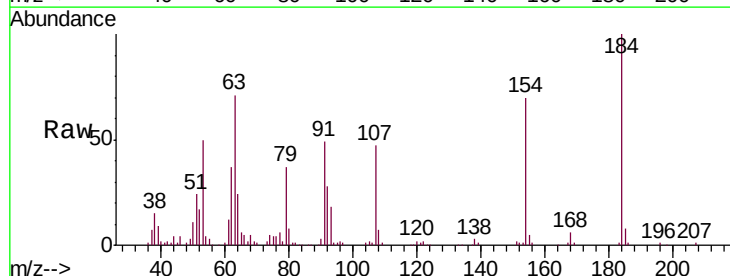
Instrument :
BNA_M
ClientSampleId :
PB120232BS

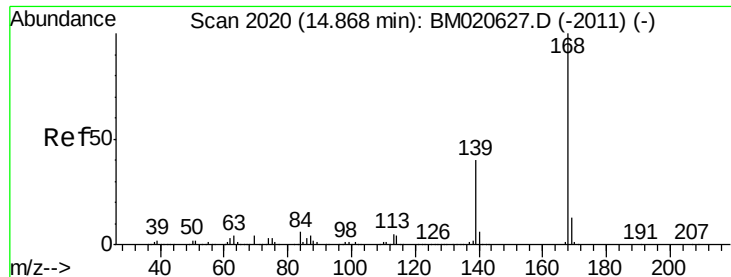
Tgt Ion:138 Resp: 185031
Ion Ratio Lower Upper
138 100
108 12.0 9.5 14.3
92 118.1 99.6 149.4



#54
2,4-Dinitrophenol
Concen: 57.462 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion:184 Resp: 225985
Ion Ratio Lower Upper
184 100
63 71.2 59.3 88.9
154 69.8 56.5 84.7





#55

Dibenzofuran

Concen: 32.335 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

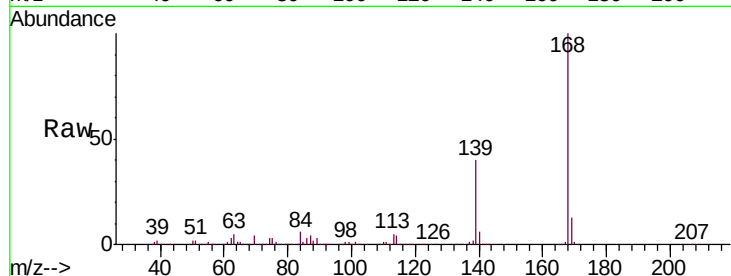
Tgt Ion:168 Resp: 1726257

Ion Ratio Lower Upper

168 100

139 40.1 31.9 47.9

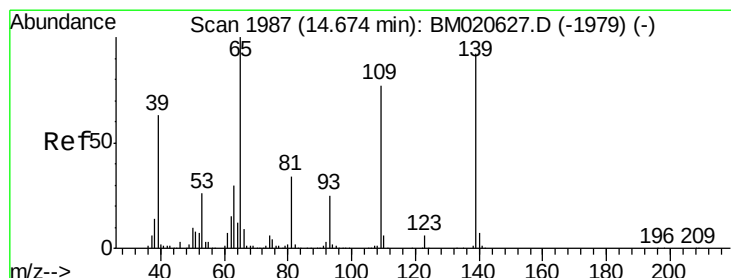
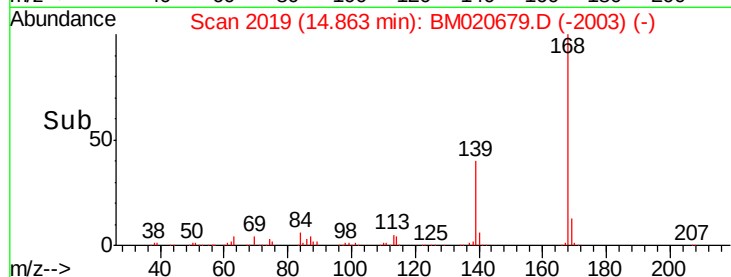
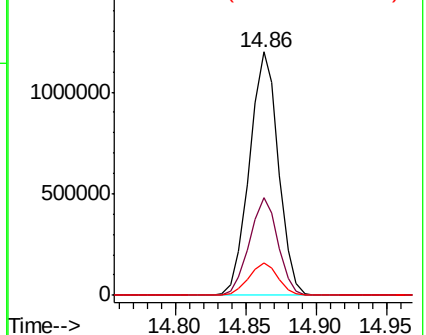
169 13.2 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 62.062 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

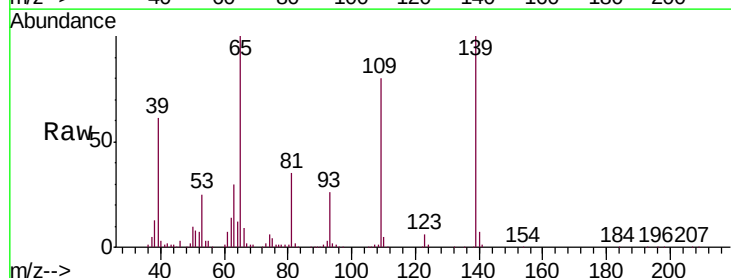
Tgt Ion:139 Resp: 485658

Ion Ratio Lower Upper

139 100

109 80.2 62.7 102.7

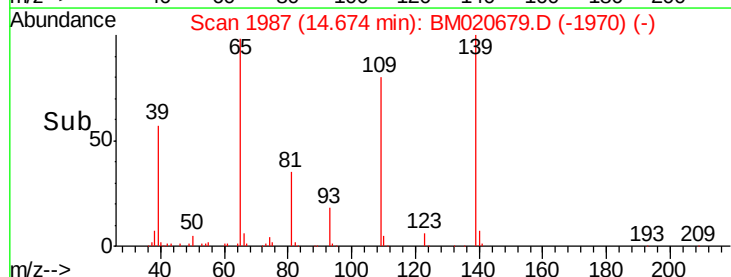
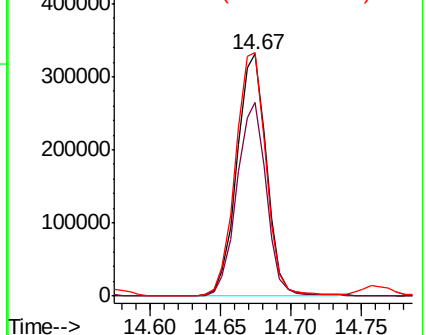
65 100.5 88.3 128.3

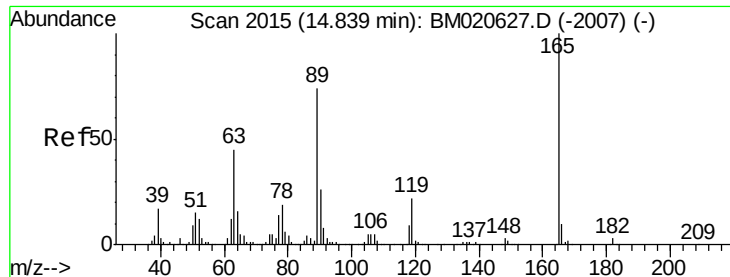


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

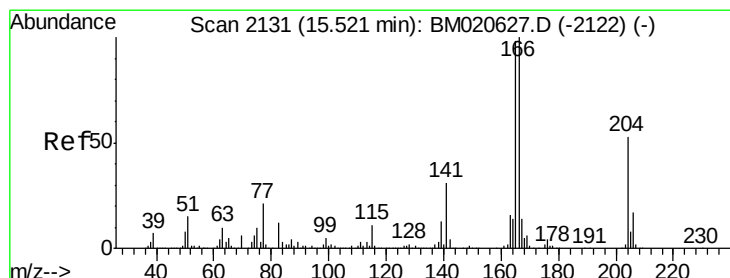
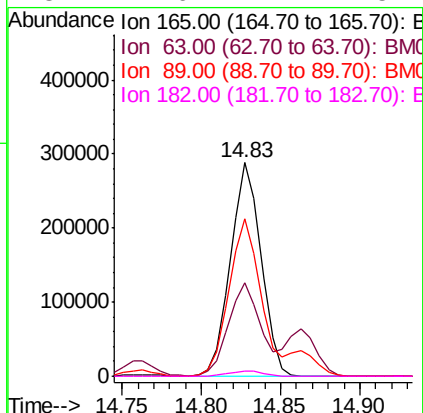
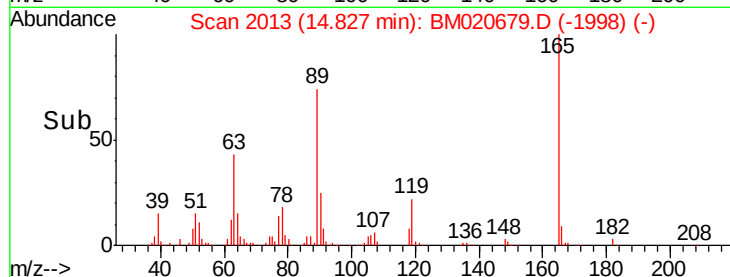
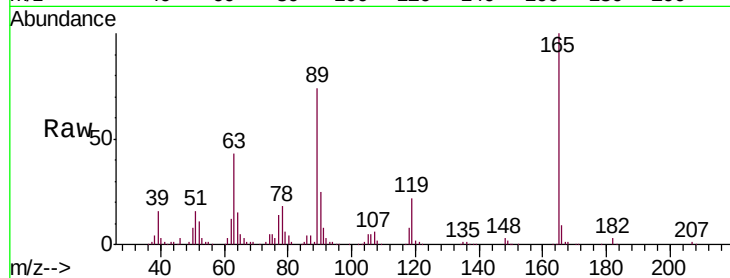




#57
2,4-Dinitrotoluene
Concen: 30.337 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

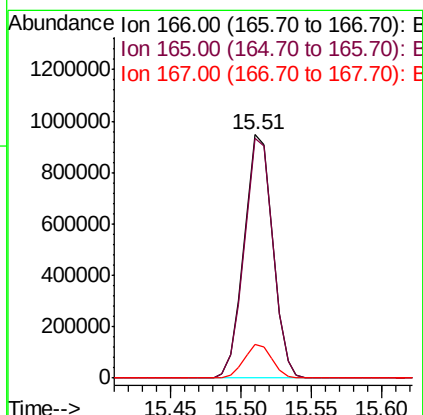
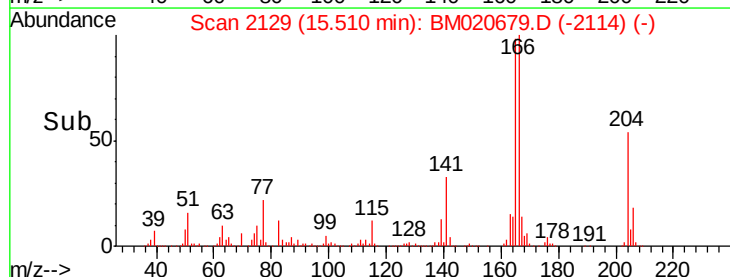
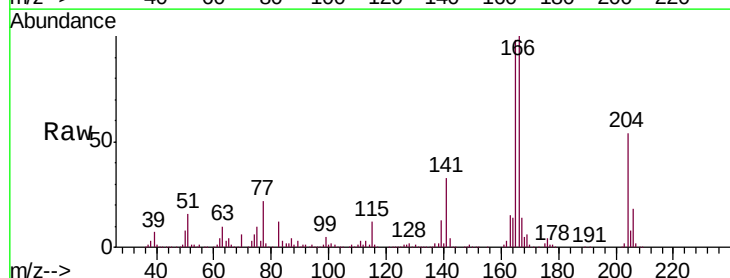
Instrument :
BNA_M
ClientSampleId :
PB120232BS

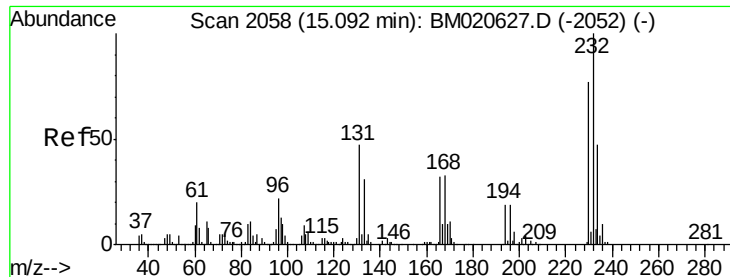
Tgt Ion:165 Resp: 386460
Ion Ratio Lower Upper
165 100
63 43.5 36.3 54.5
89 73.8 59.0 88.6
182 2.6 2.2 3.4



#58
Fluorene
Concen: 30.908 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion:166 Resp: 1356980
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.8 11.0 16.4

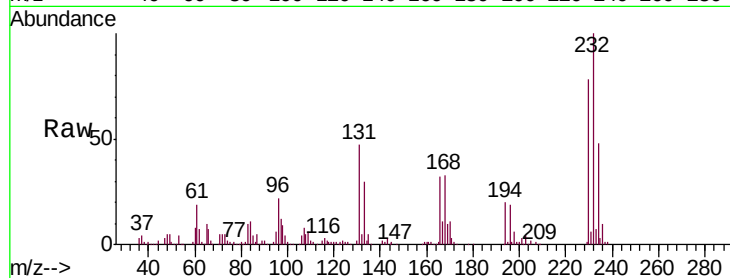




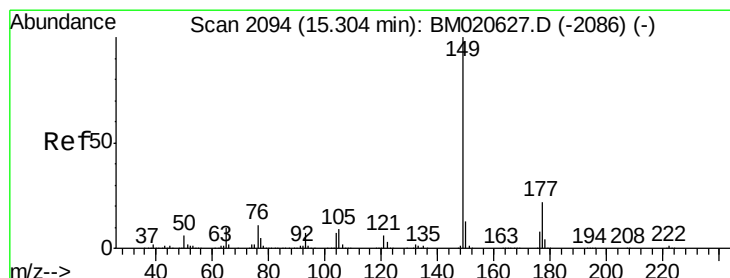
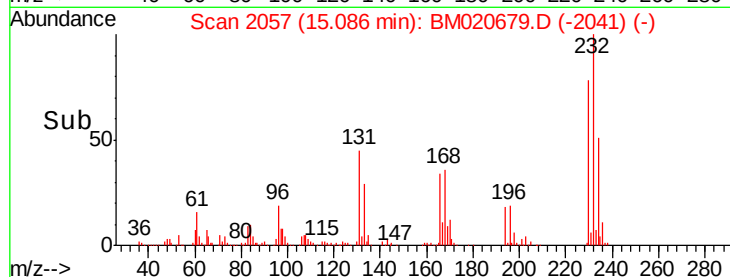
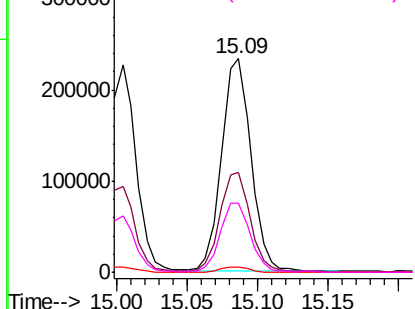
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.513 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Instrument :
BNA_M
ClientSampleId :
PB120232BS

Tgt Ion:	232	Resp:	338368
Ion	Ratio	Lower	Upper
232	100		
131	47.9	38.6	57.8
130	2.6	2.2	3.2
166	33.1	26.6	39.8

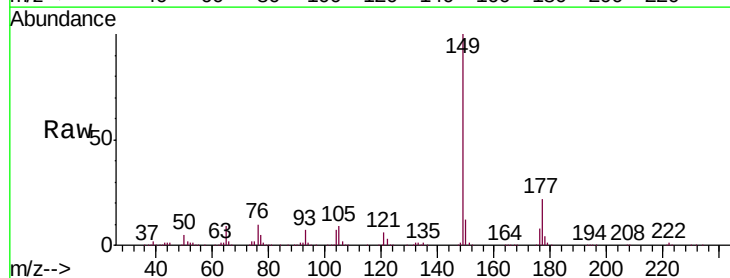


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

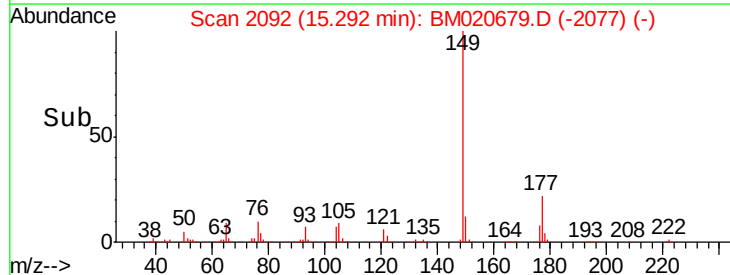
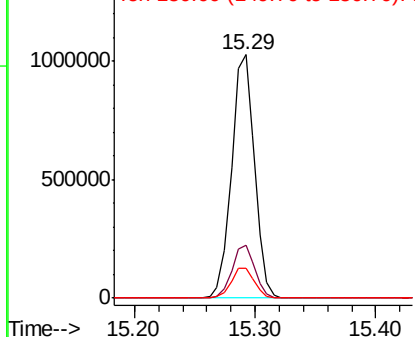


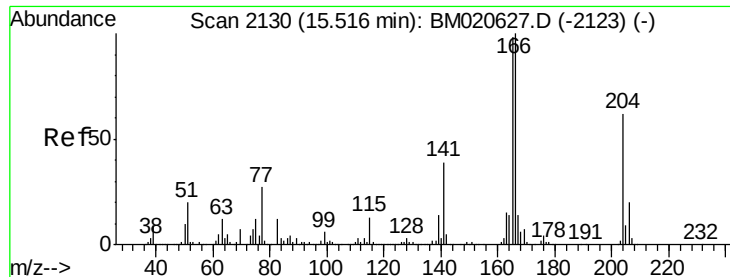
#60
Diethylphthalate
Concen: 28.111 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion:	149	Resp:	1358460
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.4	10.1	15.1



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

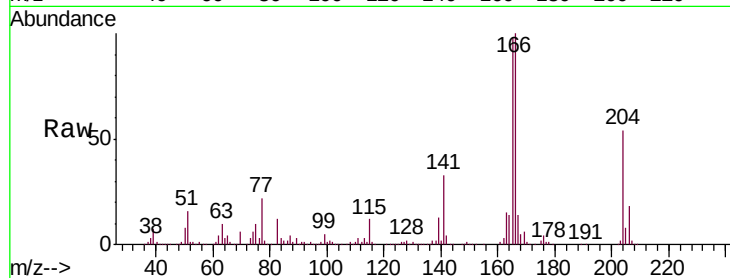




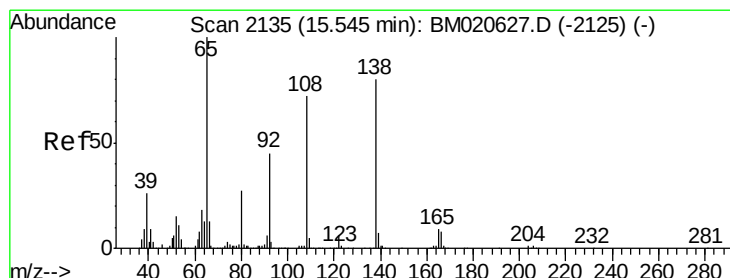
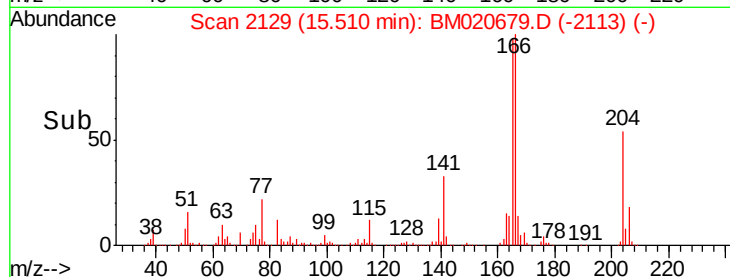
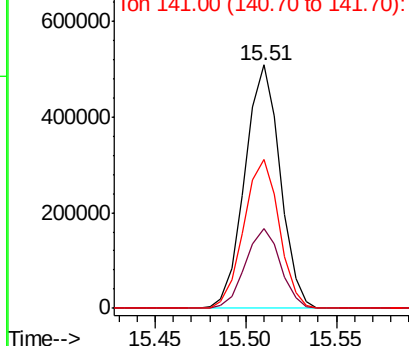
#61
 4-Chlorophenyl-phenylether
 Concen: 29.483 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

Tgt Ion: 204 Resp: 685351
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.8 38.8
 141 61.0 50.2 75.4

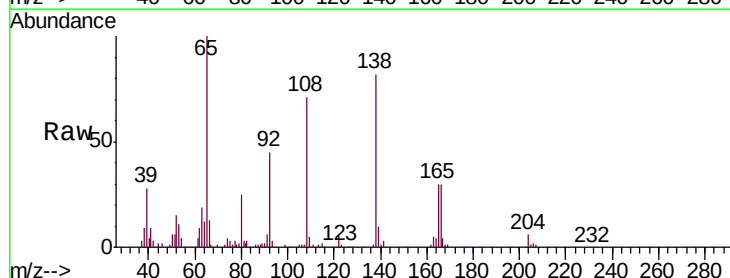


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

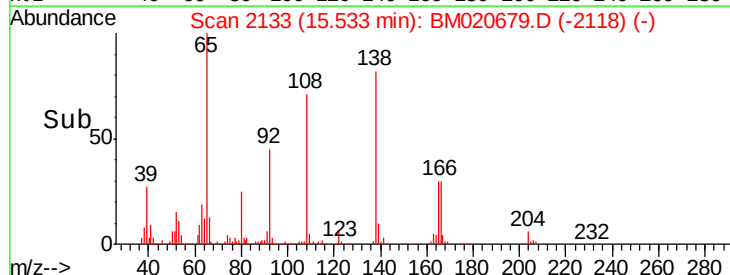
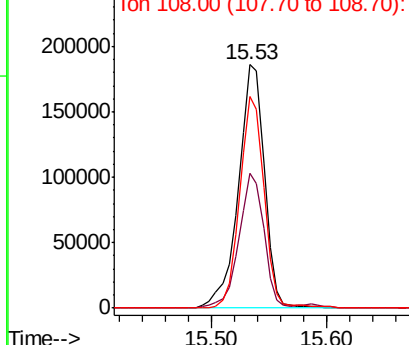


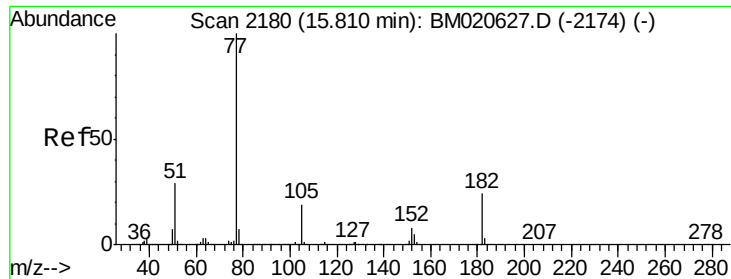
#62
 4-Nitroaniline
 Concen: 25.850 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Tgt Ion: 138 Resp: 291135
 Ion Ratio Lower Upper
 138 100
 92 55.4 36.7 76.7
 108 86.7 70.3 110.3



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





#63

Azobenzene

Concen: 29.298 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

Tgt Ion: 77 Resp: 1357325

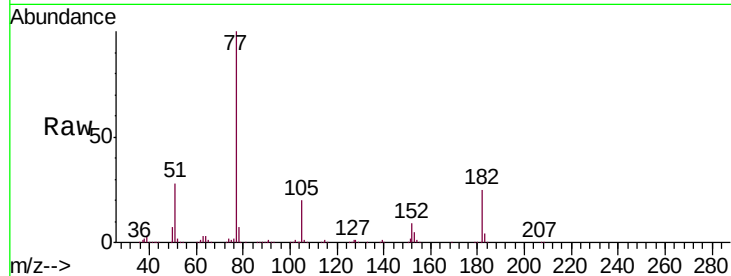
Ion Ratio Lower Upper

77 100

182 25.2 3.6 43.6

105 20.2 0.0 39.4

51 28.3 9.5 49.5

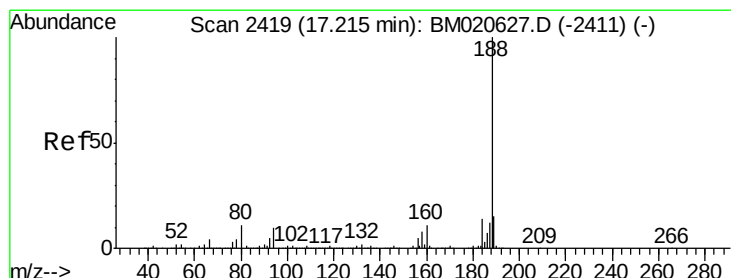
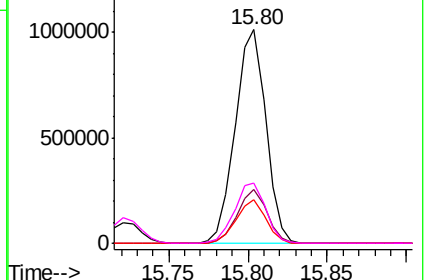
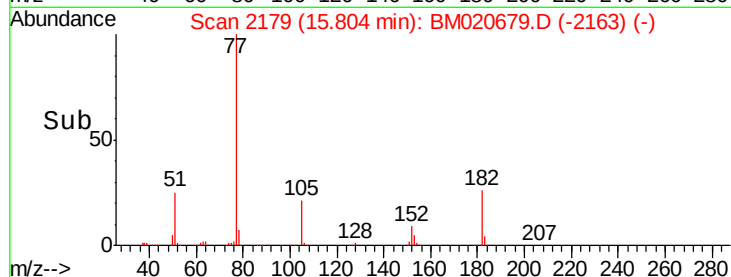


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

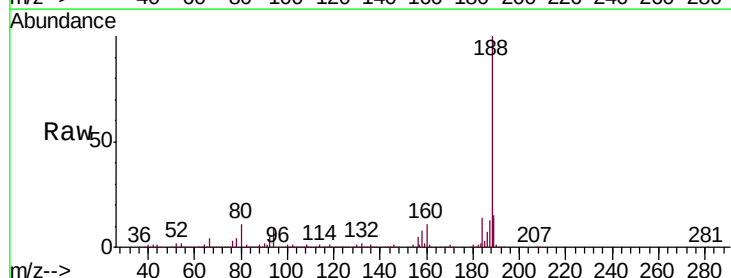
Tgt Ion: 188 Resp: 1027996

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.8

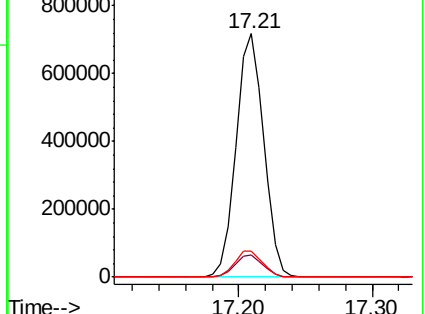
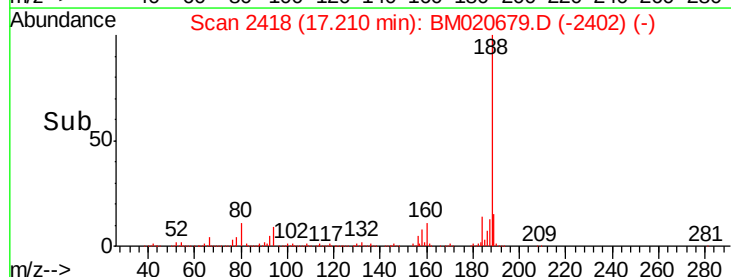
80 10.9 9.0 13.6

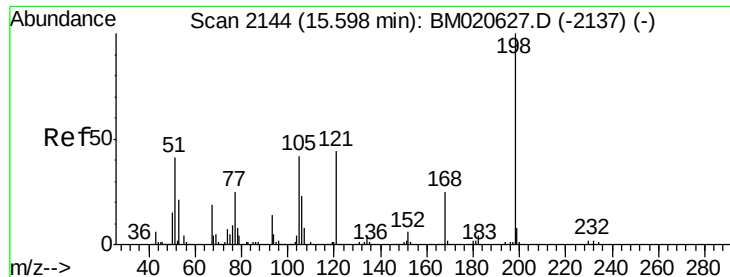


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

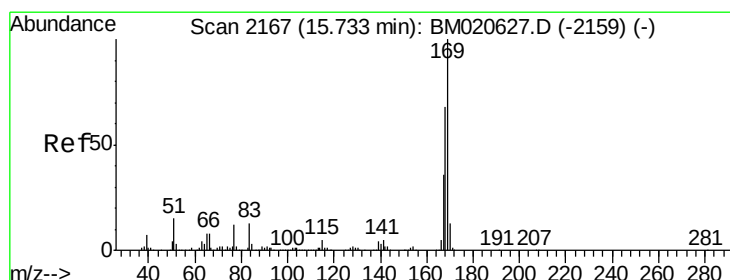
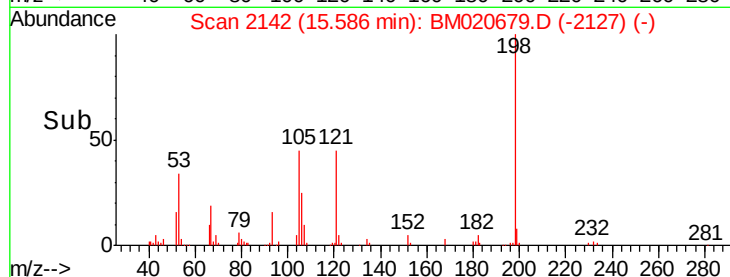
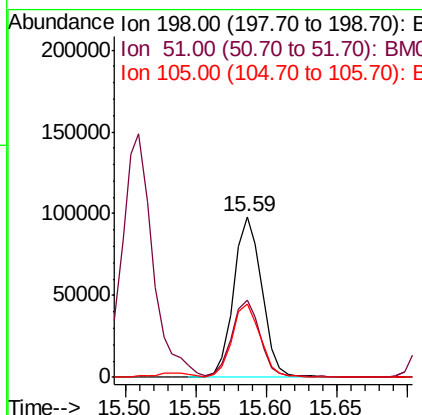
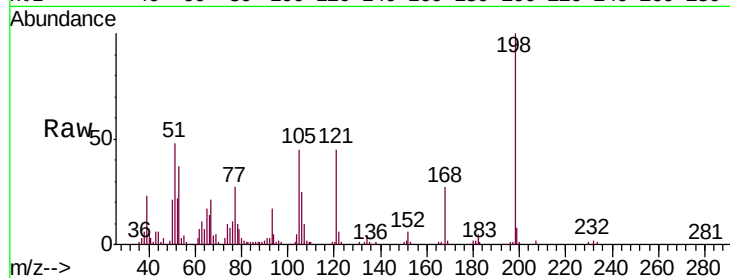




#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.640 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

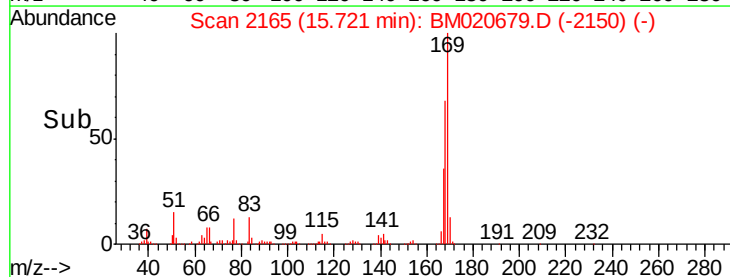
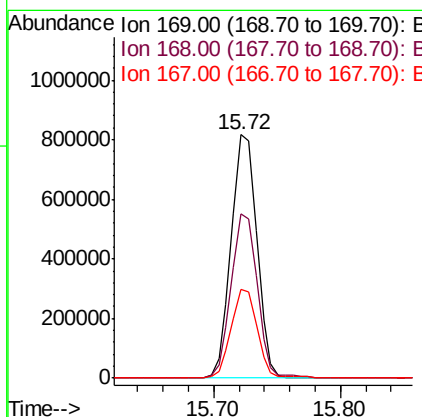
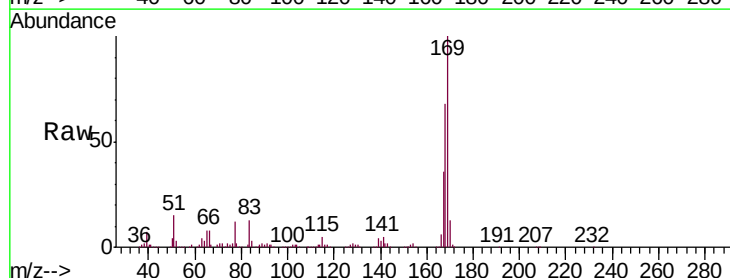
Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

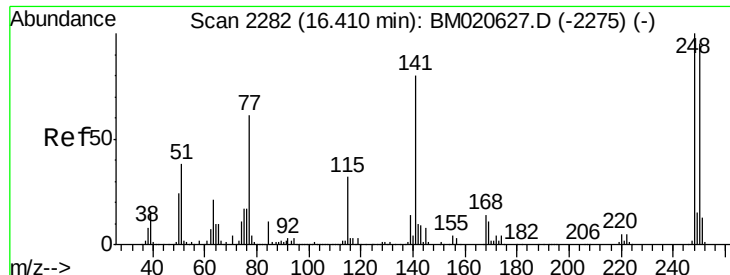
Tgt Ion:198 Resp: 136552
 Ion Ratio Lower Upper
 198 100
 51 48.0 27.7 67.7
 105 45.3 23.8 63.8



#66
 n-Nitrosodiphenylamine
 Concen: 34.742 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Tgt Ion:169 Resp: 1143293
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.2 81.4
 167 36.3 29.1 43.7

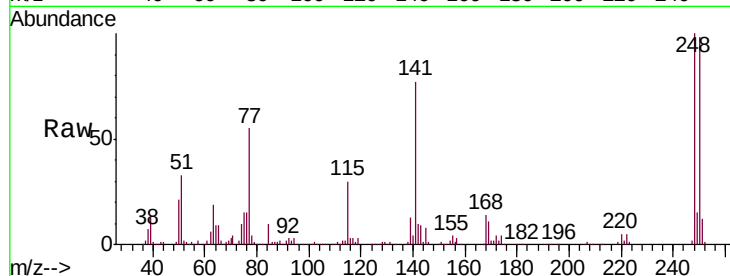




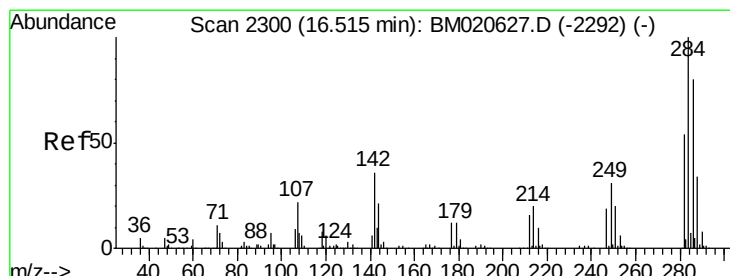
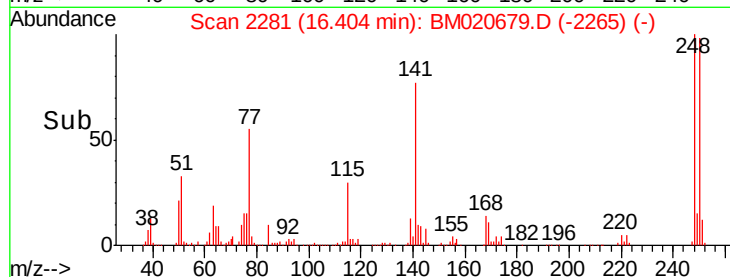
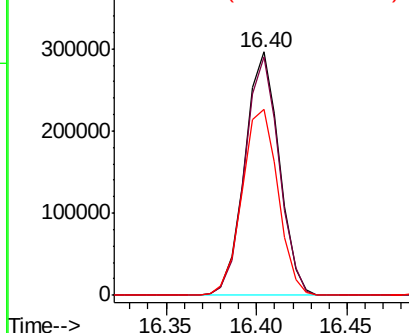
#67
 4-Bromophenyl-phenylether
 Concen: 32.293 ng
 RT: 16.40 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

Tgt Ion:248 Resp: 390861
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.3 114.5
 141 76.5 64.2 96.2

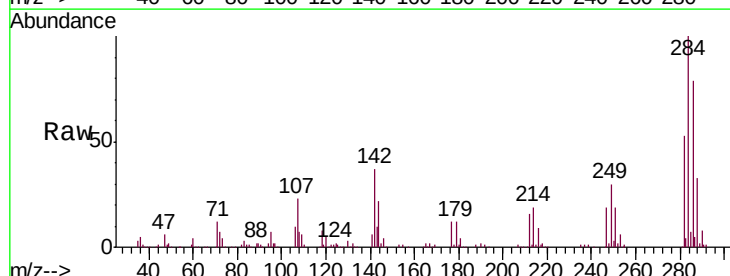


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

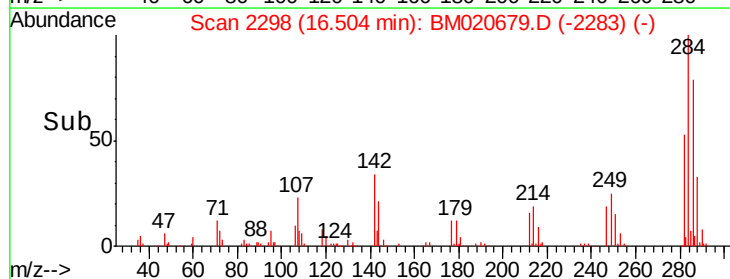
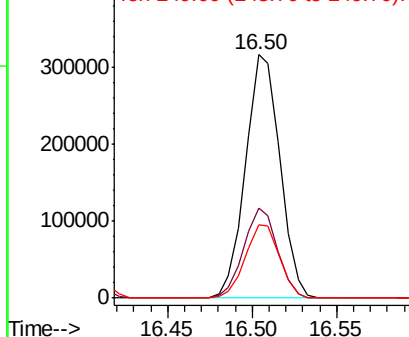


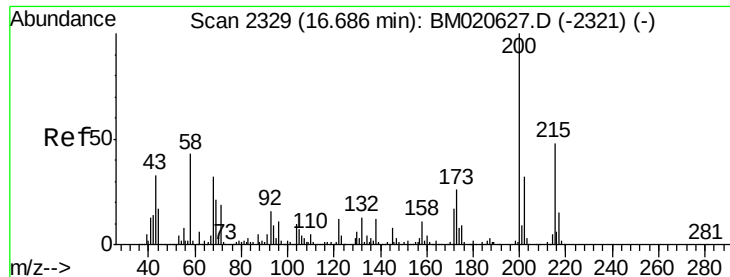
#68
 Hexachlorobenzene
 Concen: 31.832 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Tgt Ion:284 Resp: 449902
 Ion Ratio Lower Upper
 284 100
 142 36.8 28.6 42.8
 249 30.2 25.0 37.4



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: 34.773 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

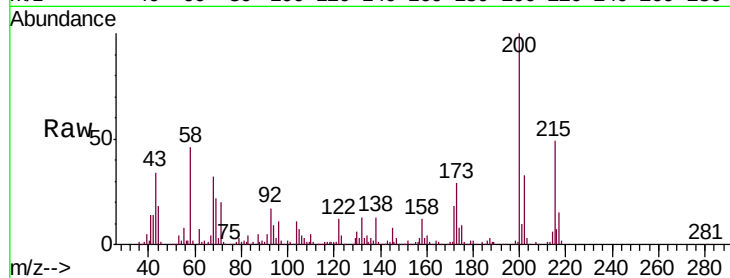
Tgt Ion:200 Resp: 341535

Ion Ratio Lower Upper

200 100

173 28.7 6.2 46.2

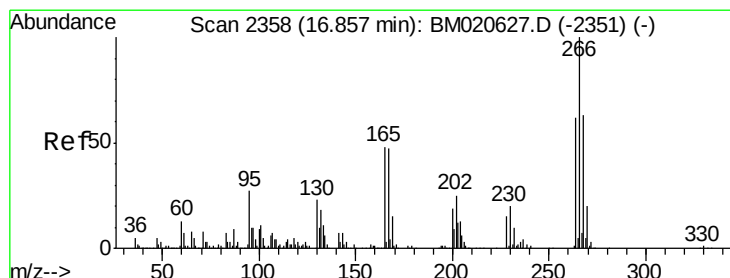
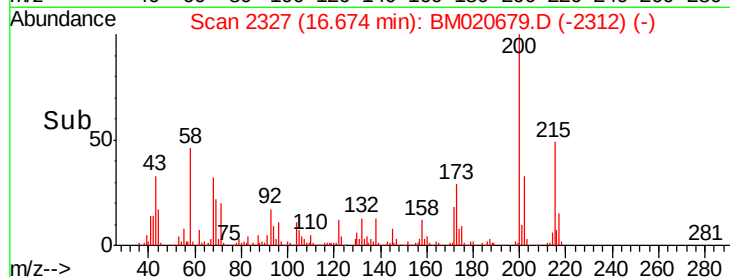
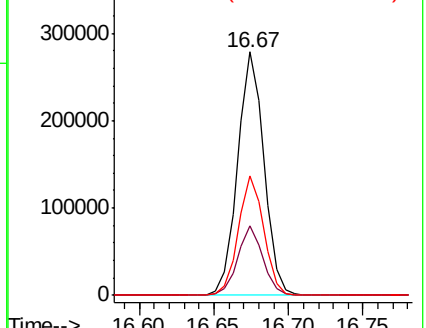
215 49.0 27.7 67.7



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: 72.285 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

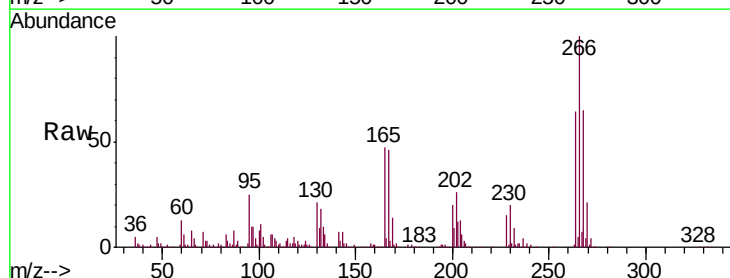
Tgt Ion:266 Resp: 487387

Ion Ratio Lower Upper

266 100

268 64.6 50.6 75.8

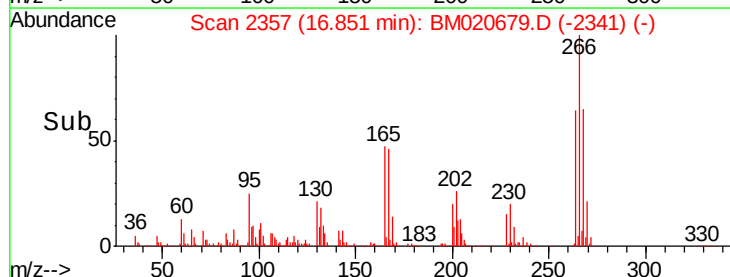
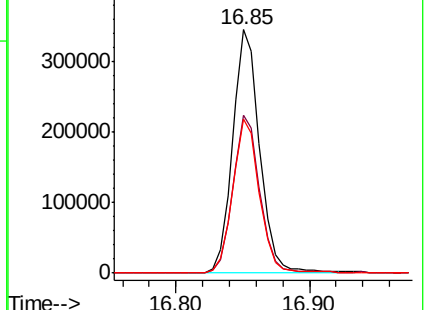
264 63.5 49.6 74.4

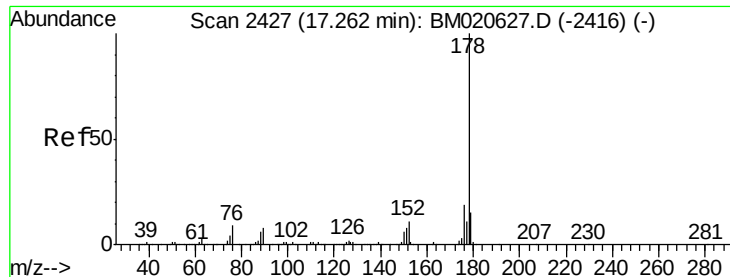


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

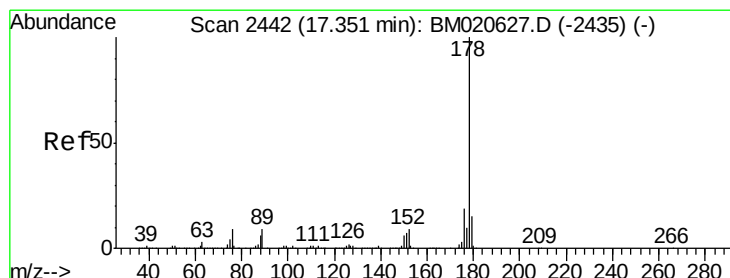
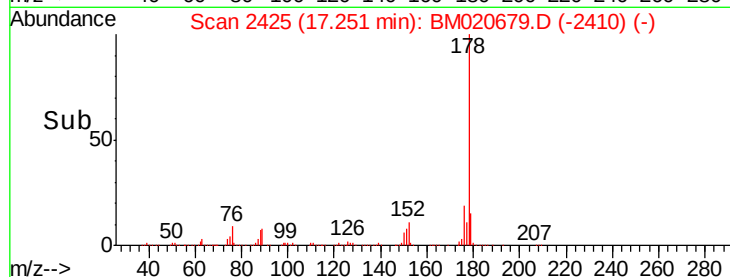
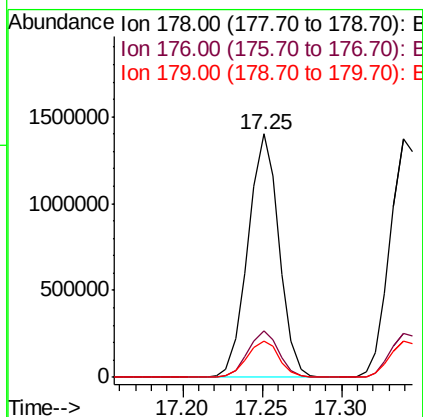
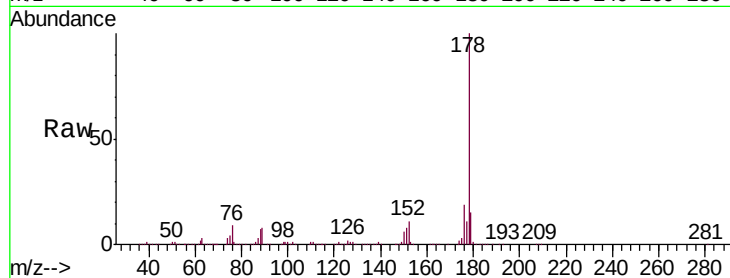




#71
Phenanthrene
Concen: 32.679 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

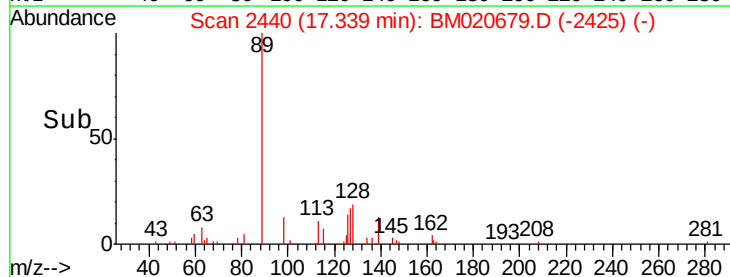
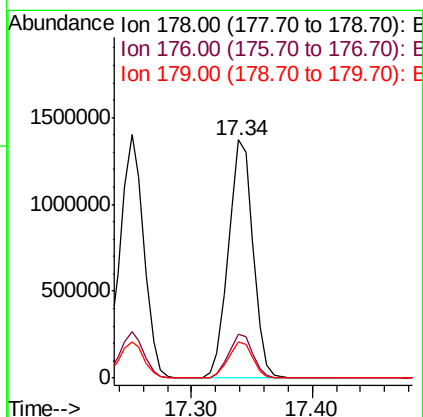
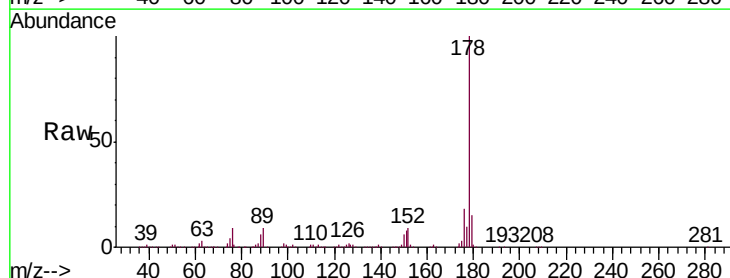
Instrument :
BNA_M
ClientSampleId :
PB120232BS

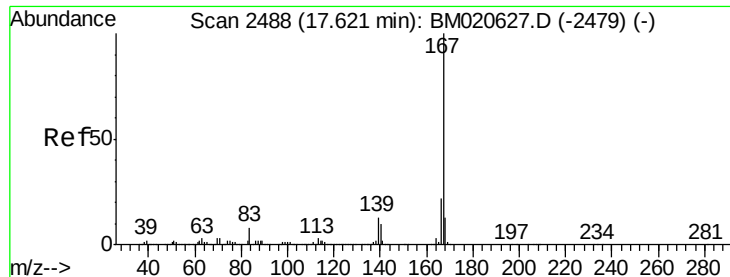
Tgt Ion:178 Resp: 1904226
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.1 12.2 18.4



#72
Anthracene
Concen: 33.278 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion:178 Resp: 1940839
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.3 12.3 18.5

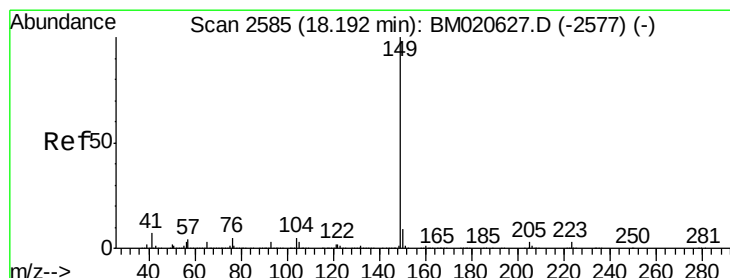
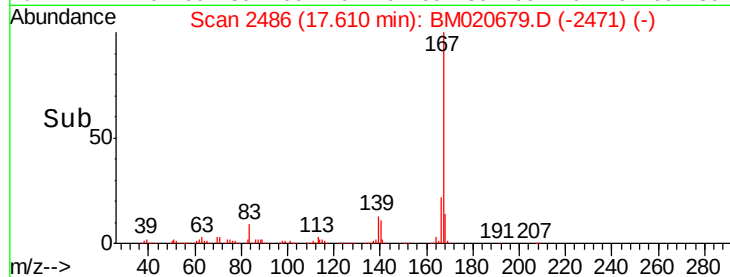
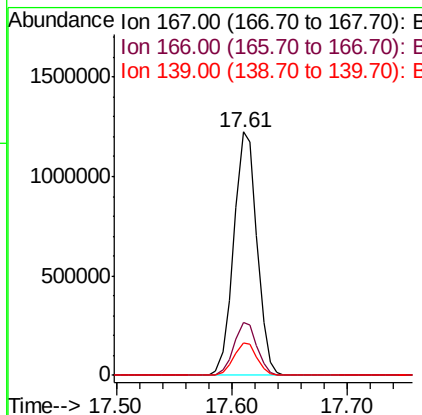
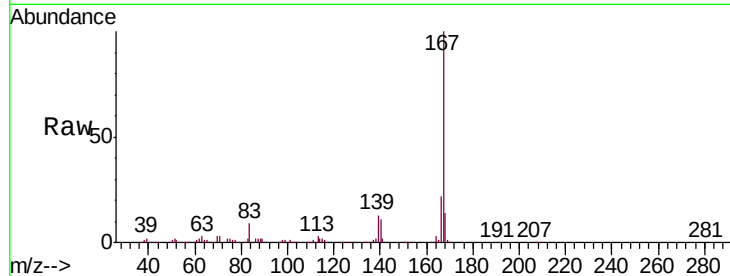




#73
 Carbazole
 Concen: 32.131 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

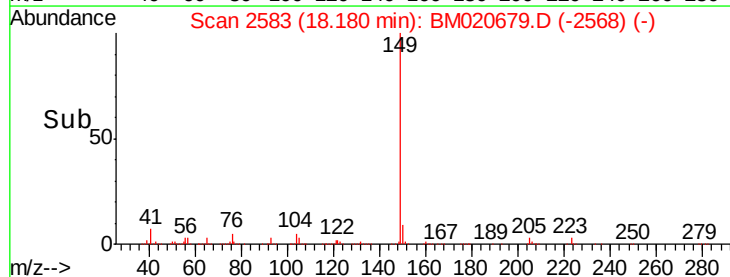
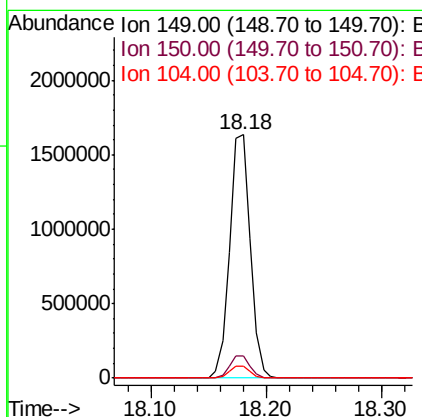
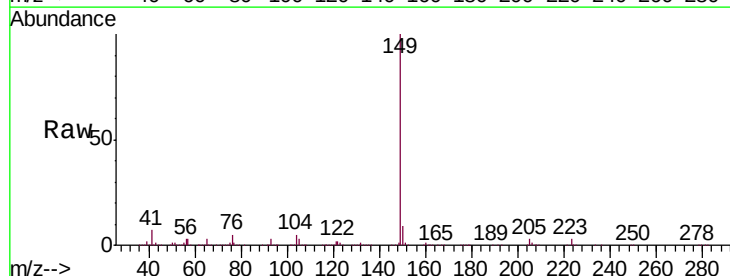
Instrument :
 BNA_M
 ClientSampleId :
 PB120232BS

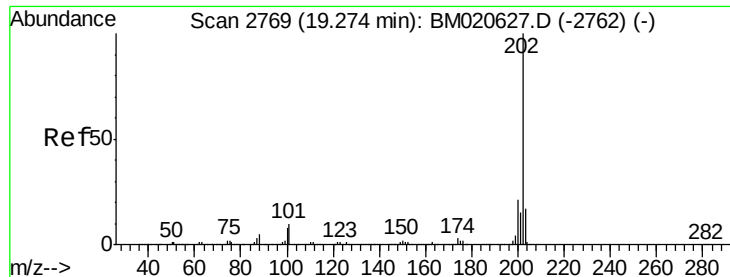
Tgt Ion:167 Resp: 1700490
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.3 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 29.357 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BM020679.D
 Acq: 03 Jun 2019 20:05

Tgt Ion:149 Resp: 2016904
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 31.492 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

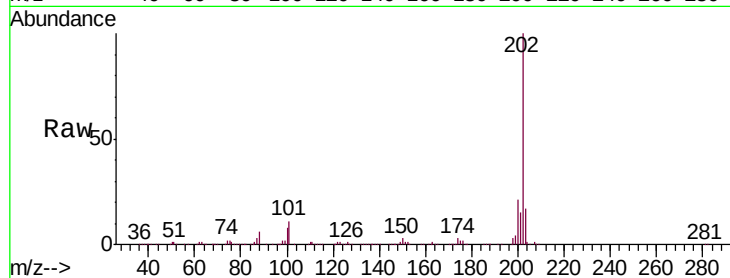
Tgt Ion:202 Resp: 2040697

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.4

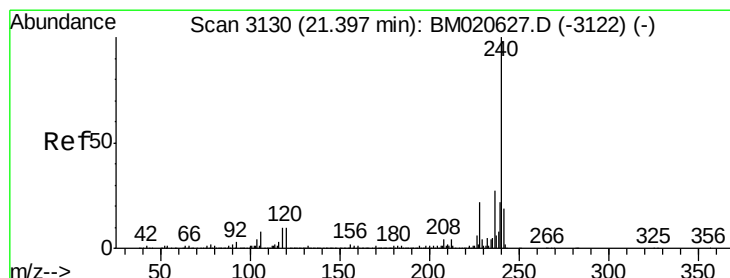
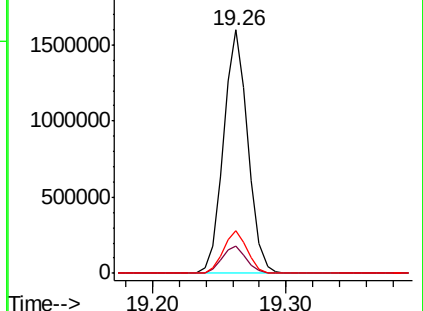
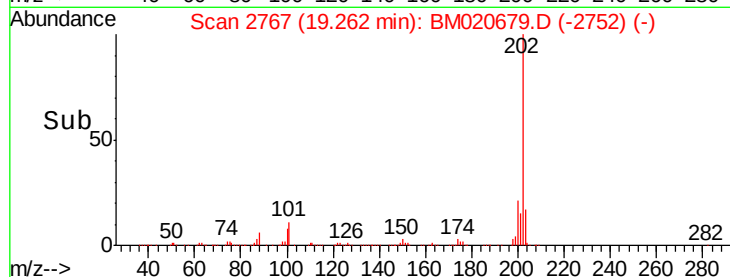
203 17.3 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

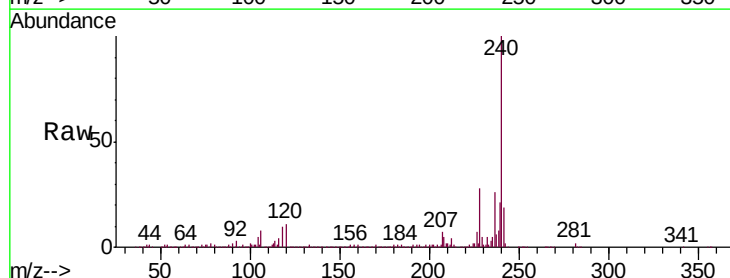
Tgt Ion:240 Resp: 900770

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

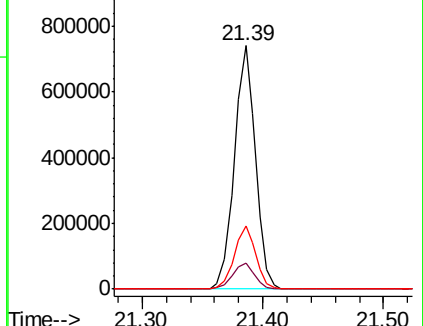
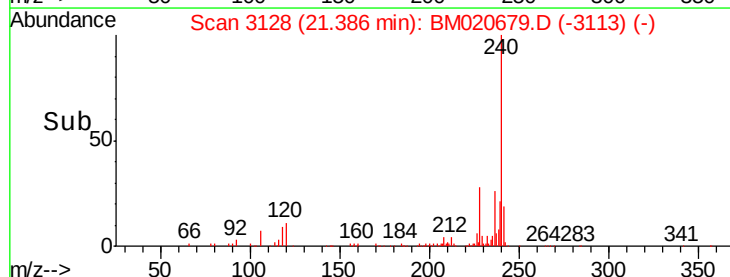
236 26.0 21.2 31.8

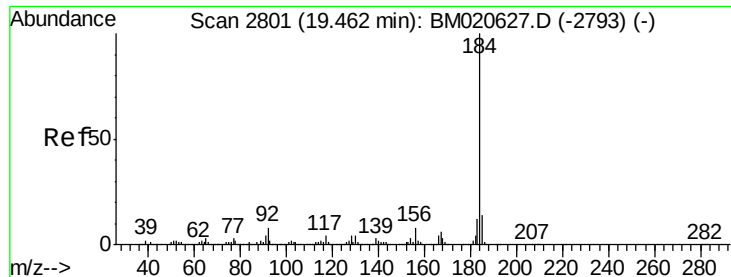


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.785 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

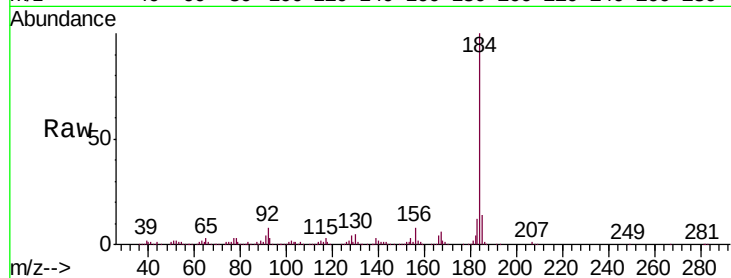
Tgt Ion:184 Resp: 867533

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

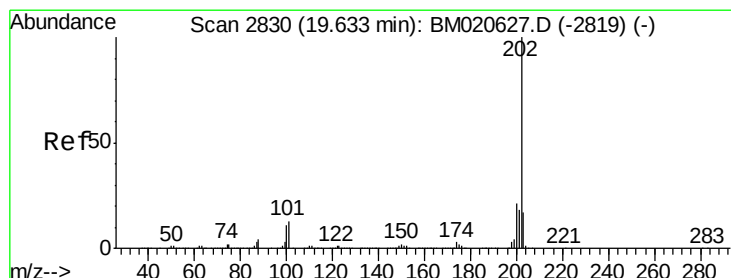
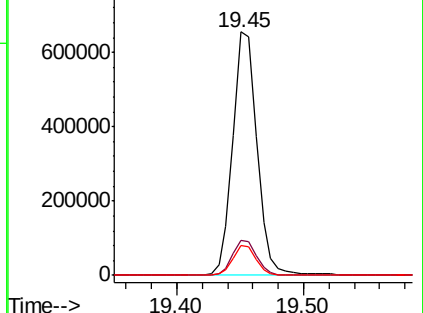
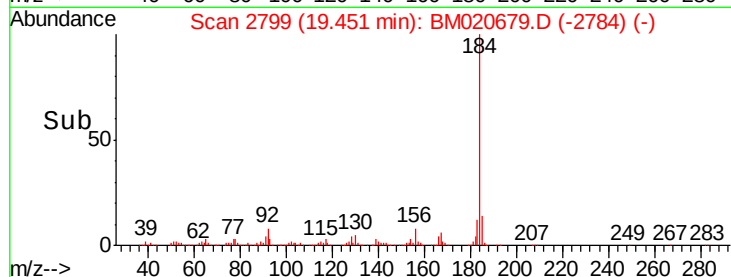
183 12.1 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 29.930 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

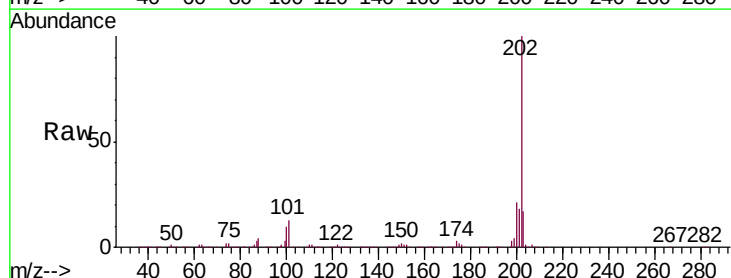
Tgt Ion:202 Resp: 2068900

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

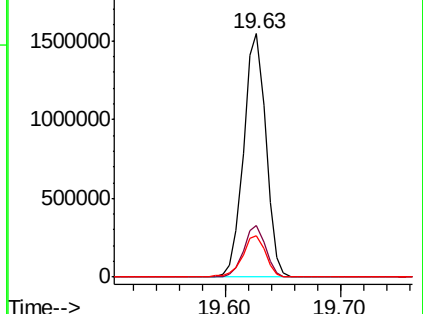
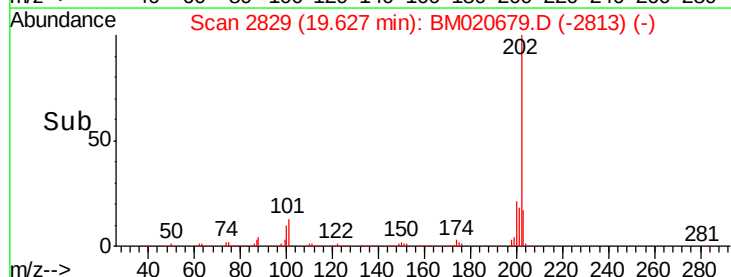
203 17.0 13.9 20.9

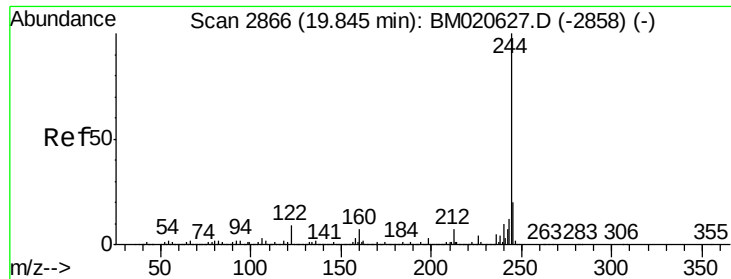


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.651 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

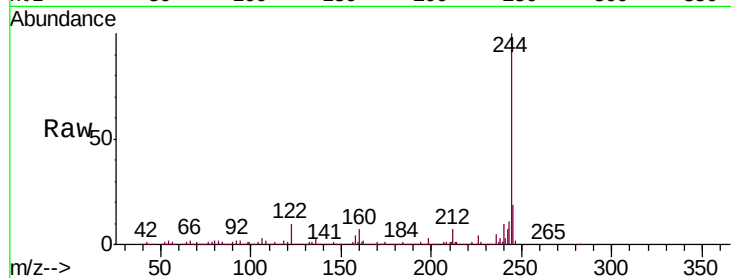
Tgt Ion:244 Resp: 3158507

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

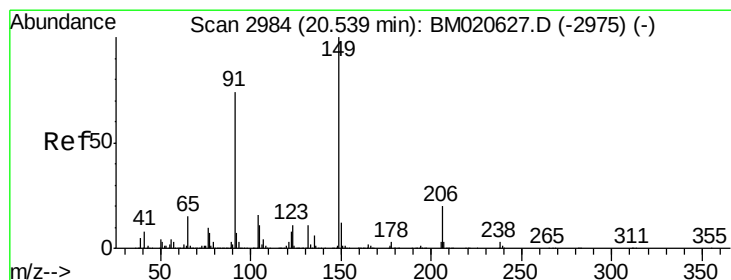
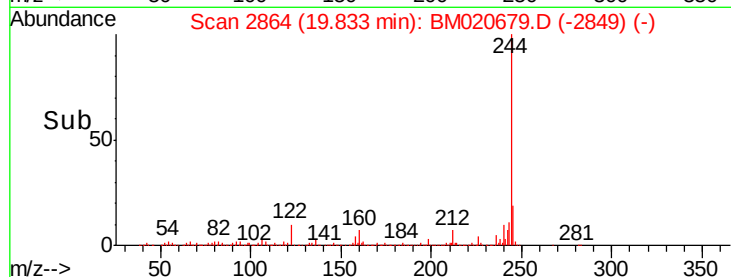
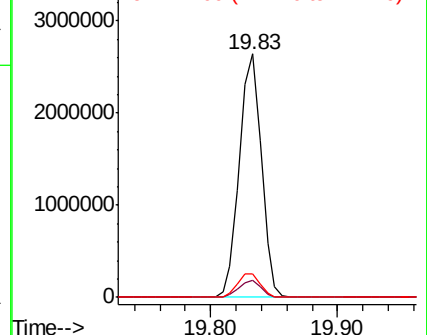
122 9.7 7.2 10.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 28.046 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

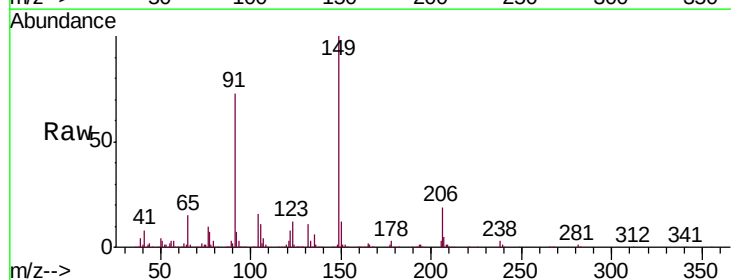
Tgt Ion:149 Resp: 819273

Ion Ratio Lower Upper

149 100

91 72.7 59.6 89.4

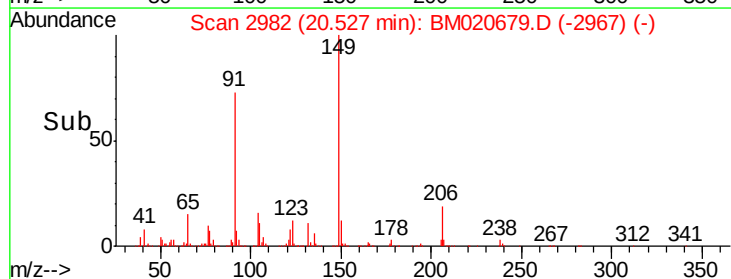
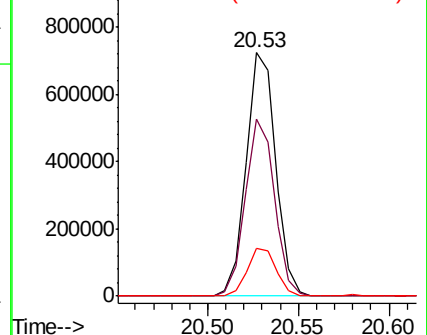
206 19.5 15.7 23.5

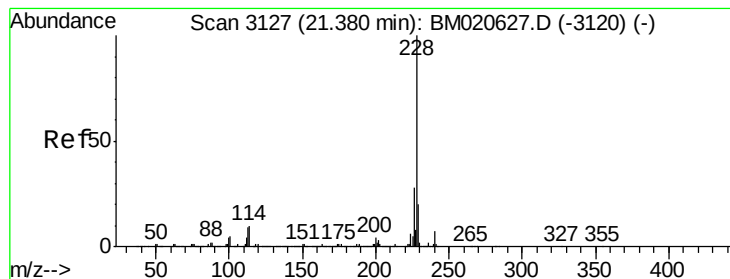


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.790 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

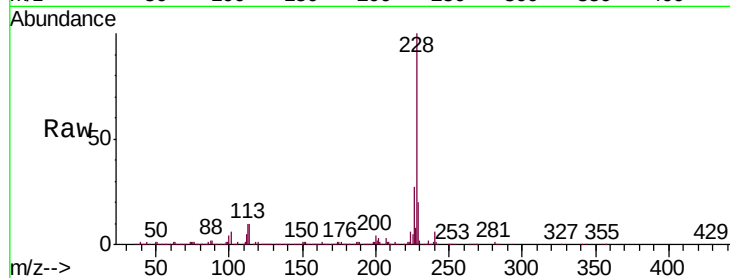
Tgt Ion:228 Resp: 1994148

Ion Ratio Lower Upper

228 100

226 26.7 22.3 33.5

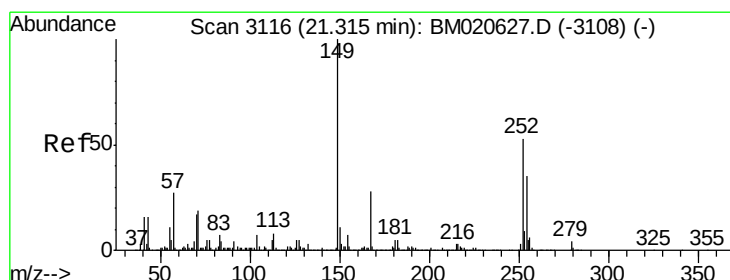
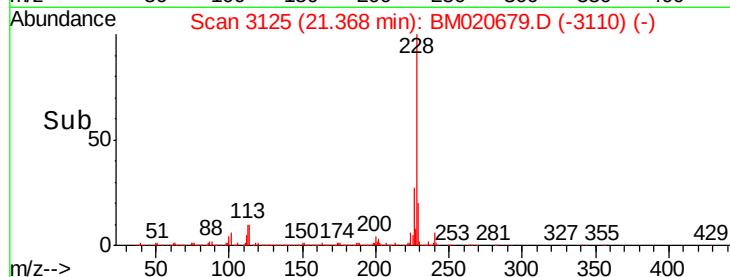
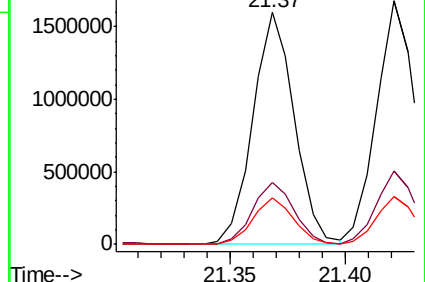
229 19.8 15.9 23.9



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: 27.500 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

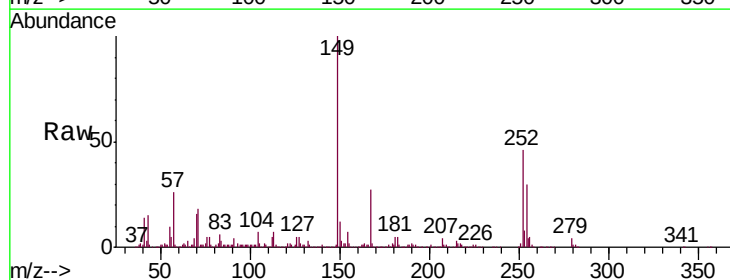
Tgt Ion:252 Resp: 631689

Ion Ratio Lower Upper

252 100

254 65.0 52.6 78.8

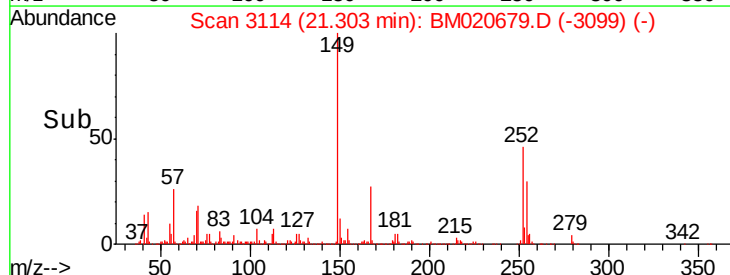
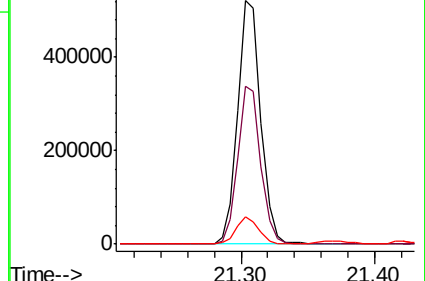
126 11.2 8.0 12.0

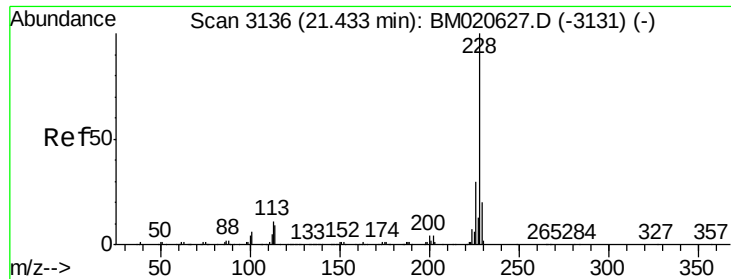


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 32.926 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

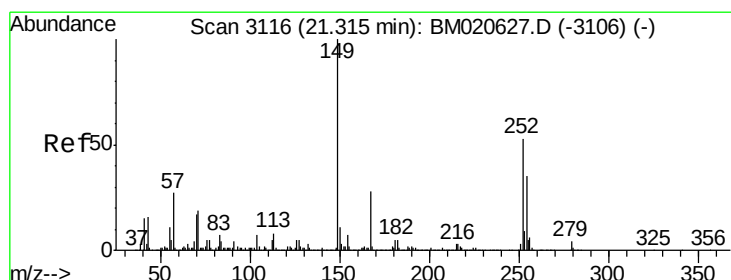
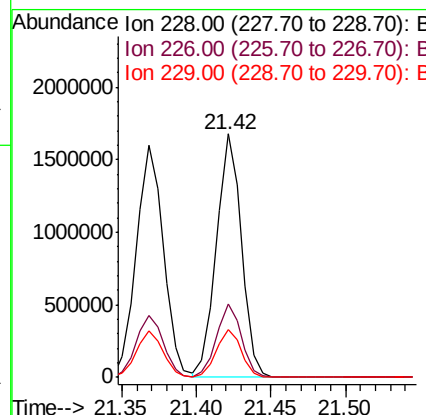
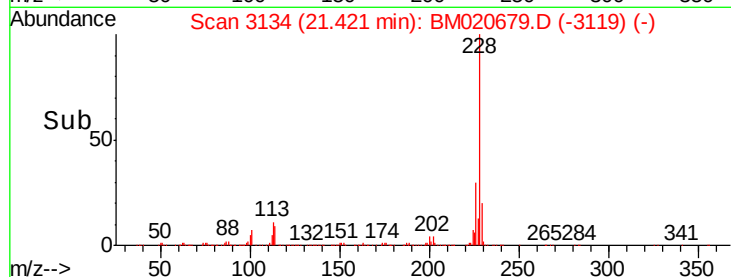
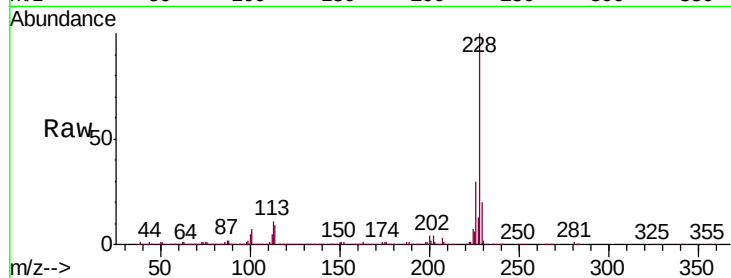
Tgt Ion:228 Resp: 1963287

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.562 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

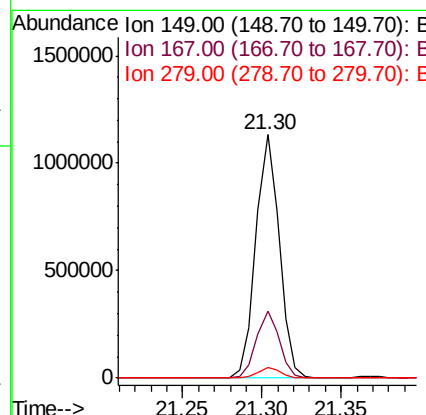
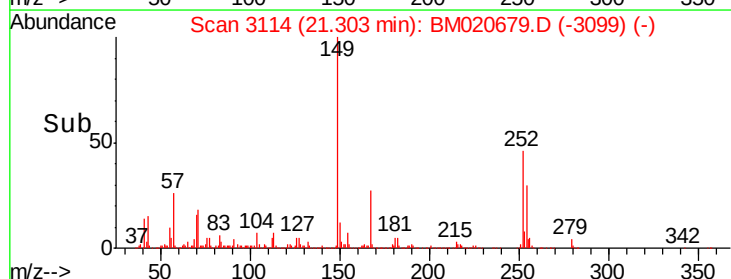
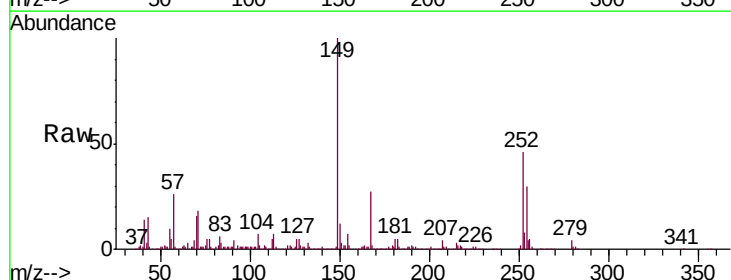
Tgt Ion:149 Resp: 1170158

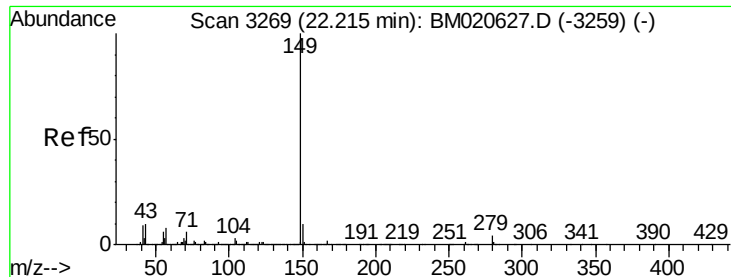
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 29.576 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

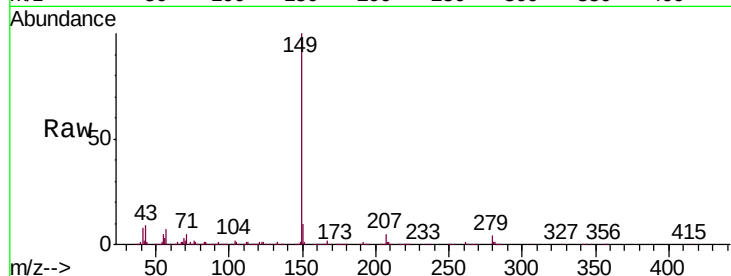
Tgt Ion:149 Resp: 1993532

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

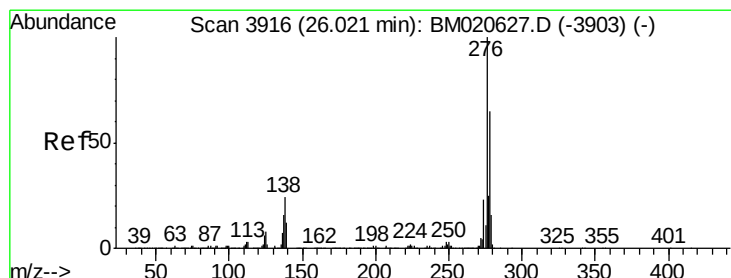
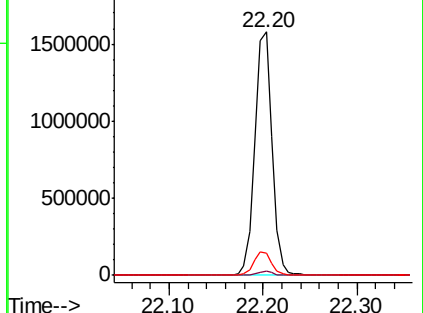
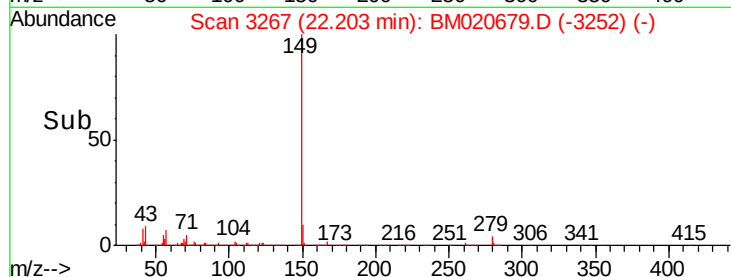
43 9.7 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.974 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.02 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

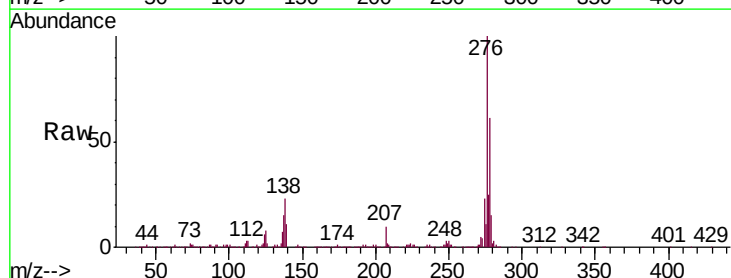
Tgt Ion:276 Resp: 2926496

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.8

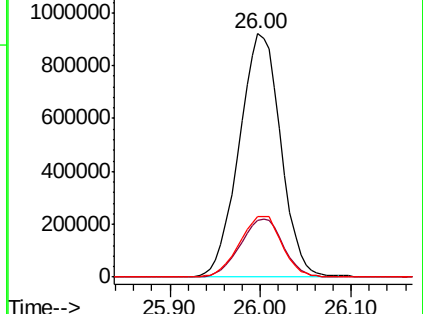
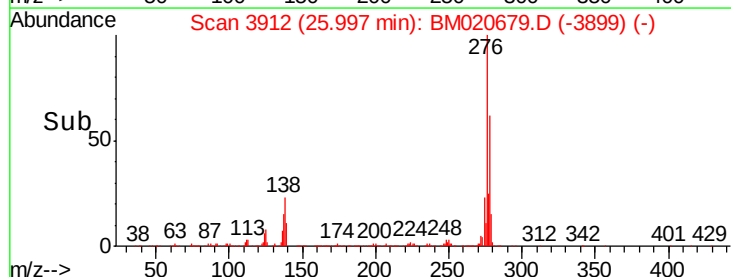
277 25.4 20.2 30.4

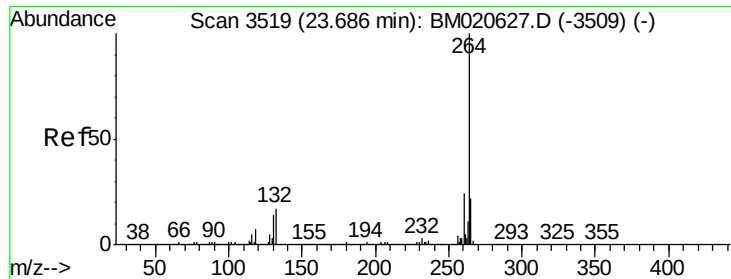


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

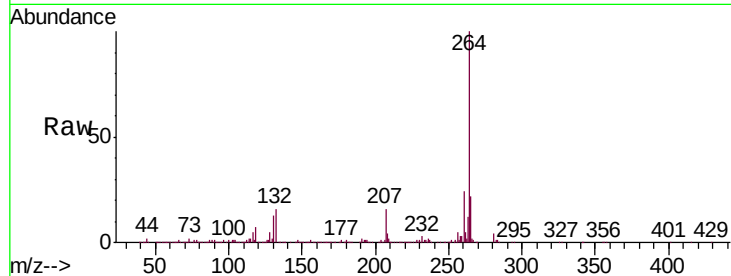
Tgt Ion:264 Resp: 1045806

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

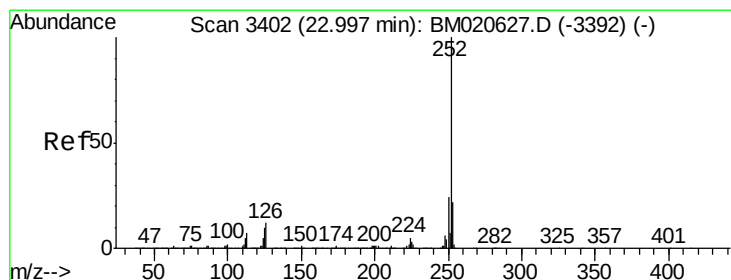
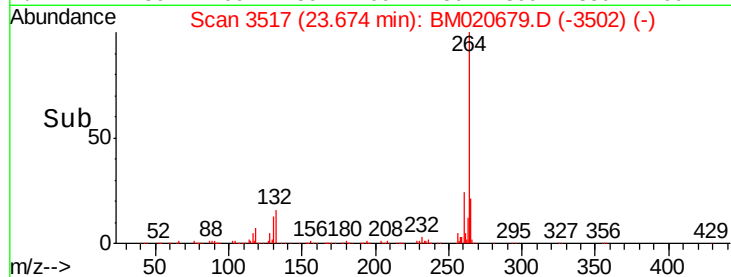
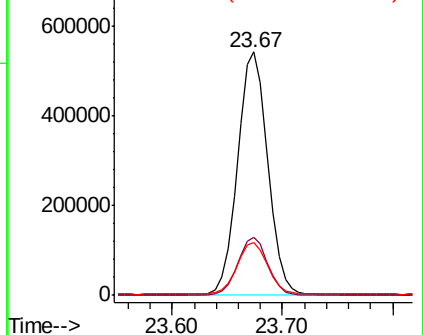
265 21.9 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 33.422 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

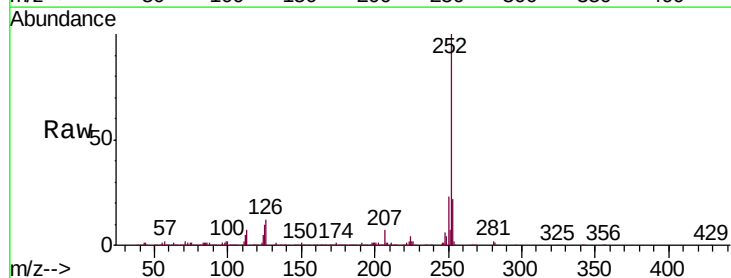
Tgt Ion:252 Resp: 2310167

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

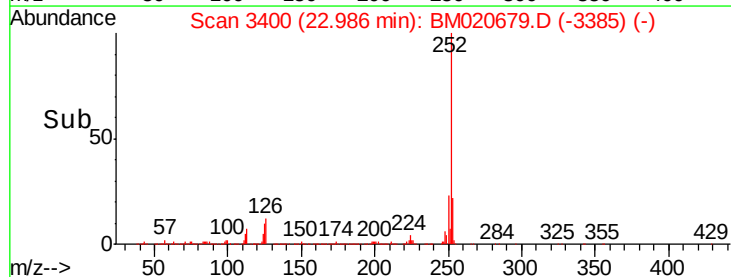
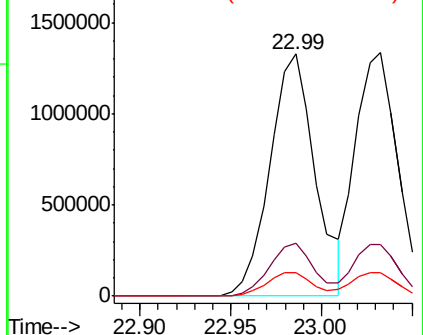
125 9.6 7.8 11.8

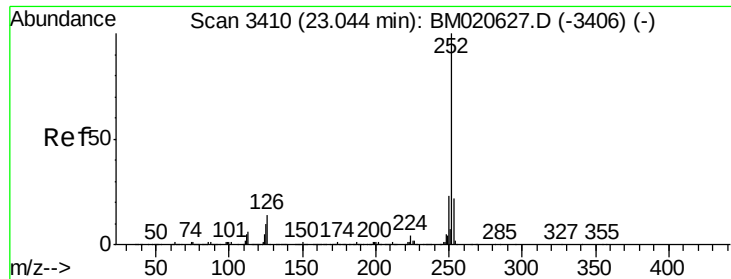


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

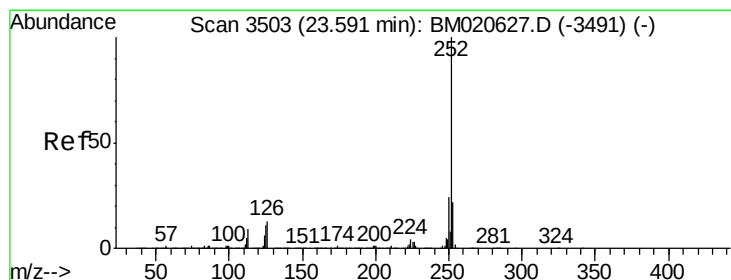
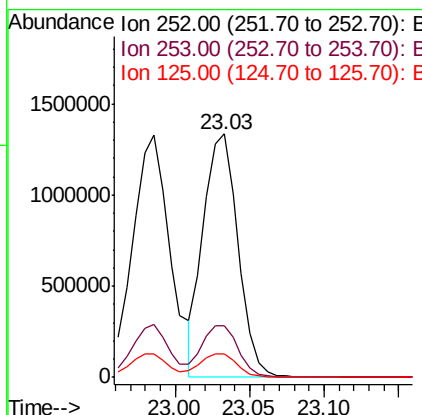
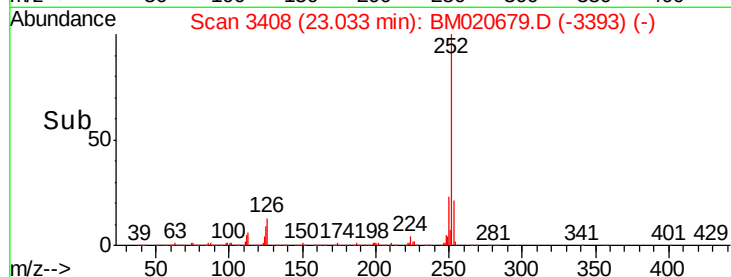
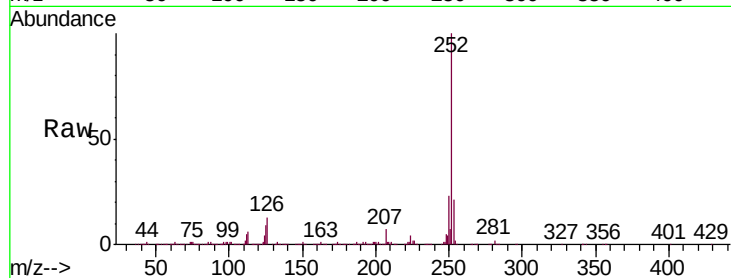




#89
Benzo(k)fluoranthene
Concen: 31.820 ng
RT: 23.03 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

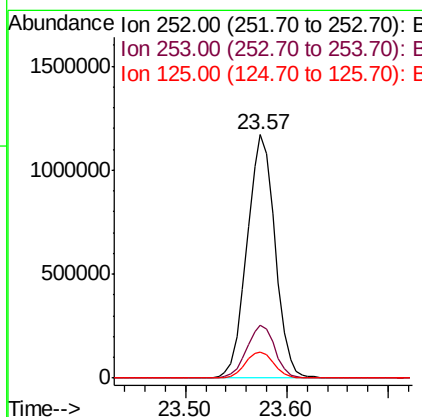
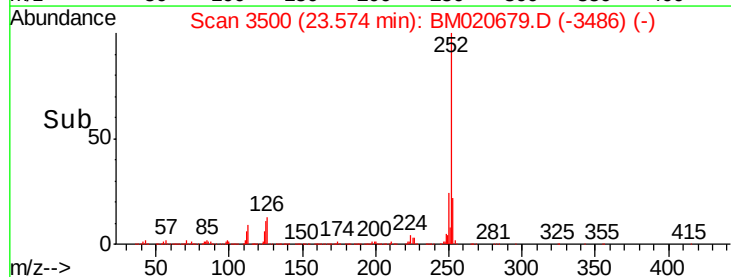
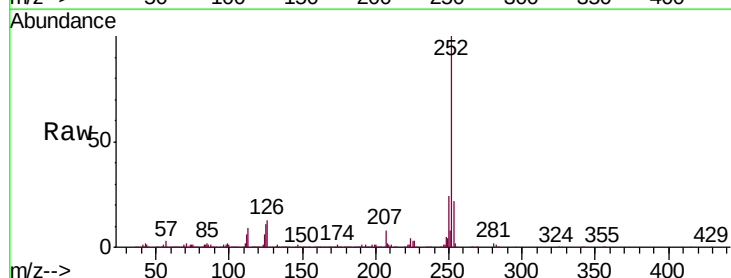
Instrument :
BNA_M
ClientSampleId :
PB120232BS

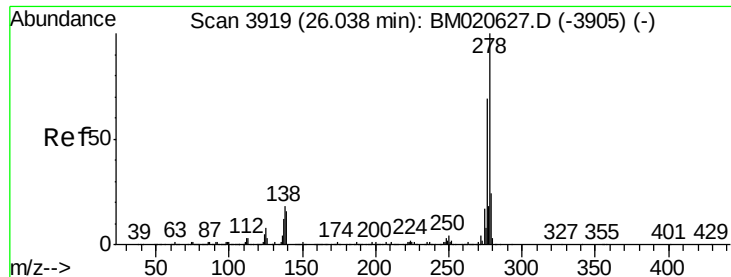
Tgt Ion:252 Resp: 2149408
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.4 7.8 11.8



#90
Benzo(a)pyrene
Concen: 35.780 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020679.D
Acq: 03 Jun 2019 20:05

Tgt Ion:252 Resp: 2243270
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.660 ng

RT: 26.01 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

Instrument :

BNA_M

ClientSampleId :

PB120232BS

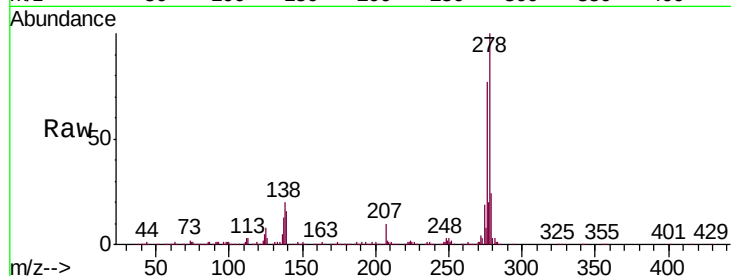
Tgt Ion:278 Resp: 2473199

Ion Ratio Lower Upper

278 100

139 15.6 12.6 18.8

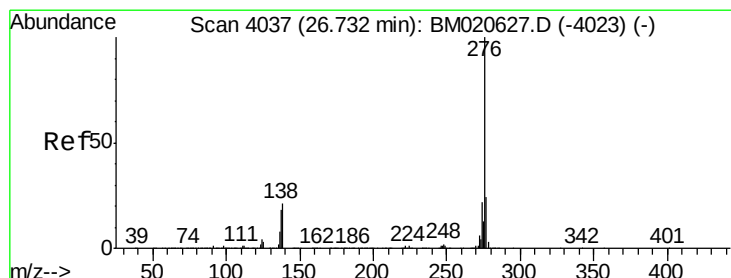
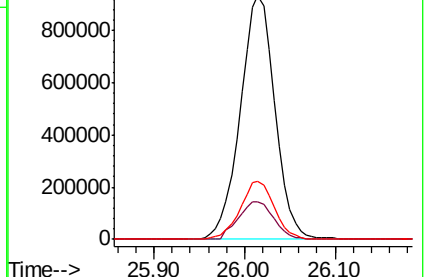
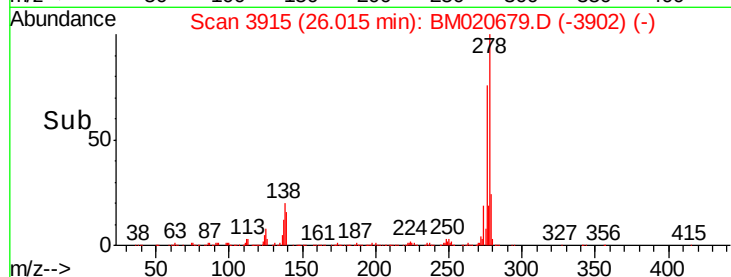
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.077 ng

RT: 26.71 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020679.D

Acq: 03 Jun 2019 20:05

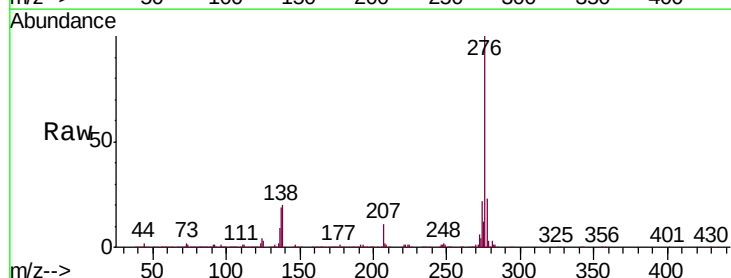
Tgt Ion:276 Resp: 2433801

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 20.3 17.0 25.4



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

