

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027176.D
 Acq On : 21 Aug 2020 19:03
 Operator : JU/CG
 Sample : PB131109BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131109BS

Quant Time: Aug 22 05:30:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	65424	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	249109	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	180768	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	421297	20.00	ng	0.00
76) Chrysene-d12	21.19	240	429376	20.00	ng	0.00
86) Perylene-d12	23.38	264	416713	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	370167	110.30	ng	0.00
7) Phenol-d6	6.80	99	473908	102.85	ng	0.00
23) Nitrobenzene-d5	8.76	82	540021	89.44	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	280387	95.79	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1226626	89.14	ng	0.00
79) Terphenyl-d14	19.63	244	1654519	71.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	57672	35.960	ng	96
3) Pyridine	3.59	79	127836	28.394	ng	99
4) n-Nitrosodimethylamine	3.49	42	75696	38.541	ng	# 90
6) Aniline	6.95	93	182462	34.857	ng	97
8) 2-Chlorophenol	7.19	128	146140	41.845	ng	99
9) Benzaldehyde	6.76	77	103557	32.824	ng	91
10) Phenol	6.82	94	177540	40.429	ng	97
11) bis(2-Chloroethyl)ether	7.05	93	139638	38.901	ng	93
12) 1,3-Dichlorobenzene	7.50	146	179597	36.744	ng	98
13) 1,4-Dichlorobenzene	7.65	146	183727	37.255	ng	99
14) 1,2-Dichlorobenzene	7.96	146	173761	37.150	ng	98
15) Benzyl Alcohol	7.85	79	160835	38.401	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	100641	34.947	ng	98
17) 2-Methylphenol	8.06	107	119667	39.383	ng	98
18) Hexachloroethane	8.69	117	75976	37.963	ng	93
19) n-Nitroso-di-n-propylamine	8.42	70	131184	37.090	ng	97
20) 3+4-Methylphenols	8.38	107	158324	38.939	ng	96
22) Acetophenone	8.43	105	232303	34.698	ng	99
24) Nitrobenzene	8.80	77	218417	35.739	ng	98
25) Isophorone	9.33	82	325043	36.753	ng	100
26) 2-Nitrophenol	9.50	139	72303	37.903	ng	96
27) 2,4-Dimethylphenol	9.57	122	131979	44.559	ng	98
28) bis(2-Chloroethoxy)methane	9.81	93	191883	35.555	ng	99
29) 2,4-Dichlorophenol	10.04	162	160634	38.888	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	193310	35.649	ng	99
31) Naphthalene	10.43	128	465712	36.885	ng	99
32) Benzoic acid	9.70	122	68606	29.813	ng	98
33) 4-Chloroaniline	10.55	127	98192	18.825	ng	98
34) Hexachlorobutadiene	10.73	225	134706	37.228	ng	98
35) Caprolactam	11.31	113	35526	31.727	ng	96
36) 4-Chloro-3-methylphenol	11.67	107	156684	36.695	ng	98
37) 2-Methylnaphthalene	12.05	142	360909	37.746	ng	99
38) 1-Methylnaphthalene	12.27	142	341531	37.042	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	234393	36.818	ng	# 98

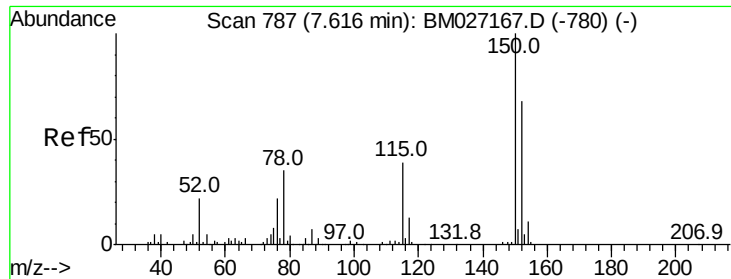
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027176.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	348918	99.156	ng	97
43) 2,4,6-Trichlorophenol	12.67	196	137005	34.853	ng	100
44) 2,4,5-Trichlorophenol	12.75	196	149575	35.882	ng	98
46) 1,1'-Biphenyl	13.08	154	493700	36.439	ng	99
47) 2-Chloronaphthalene	13.12	162	390724	33.824	ng	98
48) 2-Nitroaniline	13.32	65	119401	32.387	ng	97
49) Acenaphthylene	13.97	152	597416	37.188	ng	99
50) Dimethylphthalate	13.72	163	484058	32.983	ng	100
51) 2,6-Dinitrotoluene	13.82	165	101626	34.825	ng	93
52) Acenaphthene	14.32	154	366508	35.939	ng	98
53) 3-Nitroaniline	14.15	138	61572	21.877	ng	96
54) 2,4-Dinitrophenol	14.36	184	109045	71.570	ng	97
55) Dibenzofuran	14.65	168	624895	36.784	ng	99
56) 4-Nitrophenol	14.47	139	161669	71.980	ng	93
57) 2,4-Dinitrotoluene	14.62	165	145800	35.962	ng	99
58) Fluorene	15.30	166	507026	36.151	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	150160	36.774	ng	100
60) Diethylphthalate	15.09	149	497940	34.200	ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	284553	35.325	ng	99
62) 4-Nitroaniline	15.32	138	96999	30.712	ng	97
63) Azobenzene	15.60	77	557348	37.312	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	75239	36.363	ng	95
66) n-Nitrosodiphenylamine	15.52	169	442047	36.943	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	178941	35.179	ng	97
68) Hexachlorobenzene	16.31	284	207654	34.376	ng	99
69) Atrazine	16.47	200	141343	31.200	ng	99
70) Pentachlorophenol	16.65	266	252737	77.354	ng	100
71) Phenanthrene	17.04	178	822127	35.103	ng	99
72) Anthracene	17.13	178	844693	37.728	ng	98
73) Carbazole	17.40	167	723426	35.128	ng	98
74) Di-n-butylphthalate	17.98	149	815652	34.292	ng	100
75) Fluoranthene	19.06	202	965978	33.018	ng	99
77) Benzidine	19.24	184	464243	62.332	ng	99
78) Pyrene	19.42	202	1007151	38.548	ng	100
80) Butylbenzylphthalate	20.34	149	344029	36.025	ng	98
81) Benzo(a)anthracene	21.17	228	991177	35.624	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	264482	27.276	ng	99
83) Chrysene	21.23	228	960652	35.550	ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	497144	36.578	ng	99
85) Di-n-octyl phthalate	22.00	149	803849	35.848	ng	100
87) Indeno(1,2,3-cd)pyrene	25.56	276	1159145	35.540	ng	99
88) Benzo(b)fluoranthene	22.73	252	994041	35.772	ng	99
89) Benzo(k)fluoranthene	22.77	252	977493	35.929	ng	100
90) Benzo(a)pyrene	23.29	252	887651	34.992	ng	99
91) Dibenzo(a,h)anthracene	25.57	278	971185	35.778	ng	98
92) Benzo(g,h,i)perylene	26.23	276	987685	37.767	ng	99

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

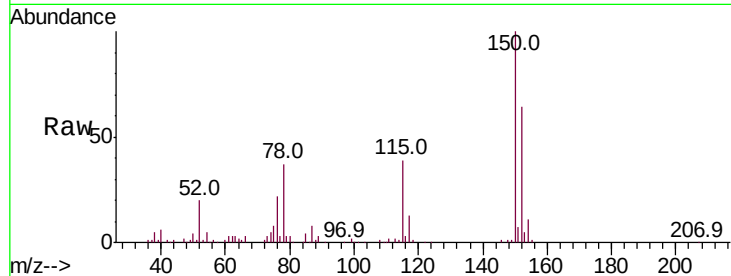


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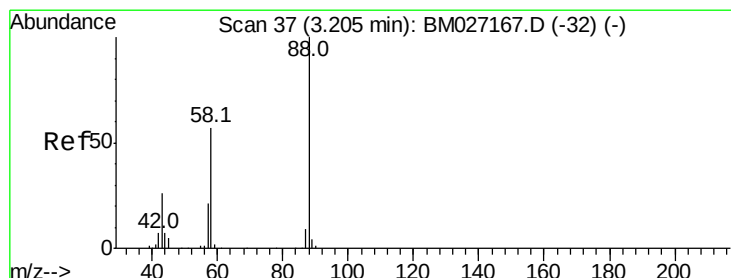
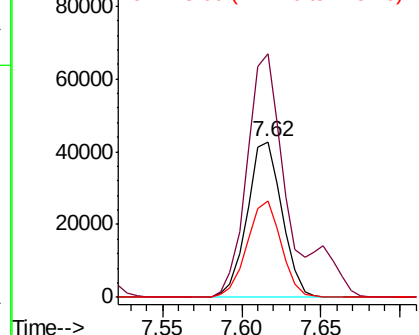
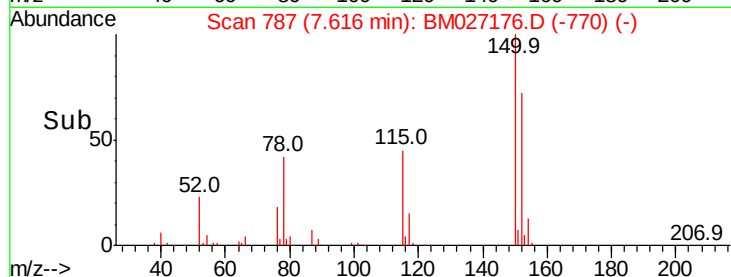
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Instrument :
BNA_M
ClientSampleId :
PB131109BS

Tot Ion:152 Resp: 65424
Ion Ratio Lower Upper
152 100
150 156.6 118.2 177.4
115 61.8 46.1 69.1



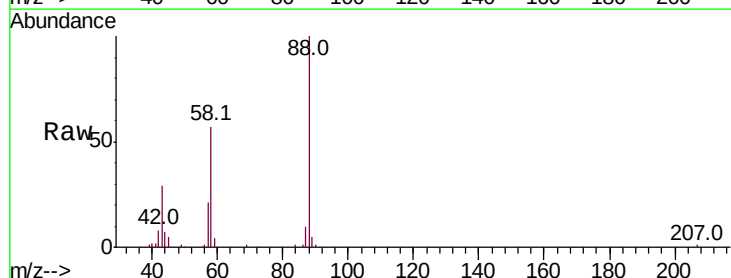
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



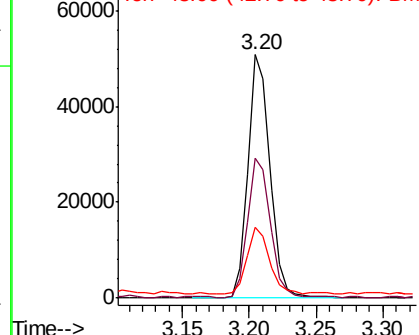
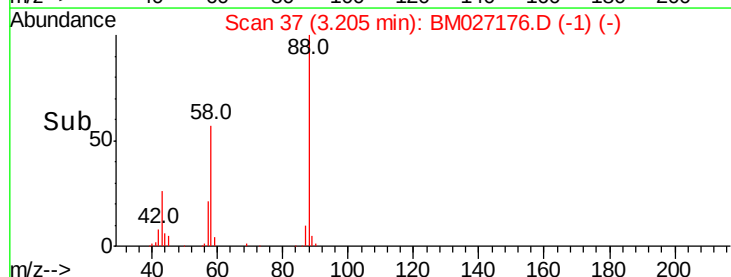
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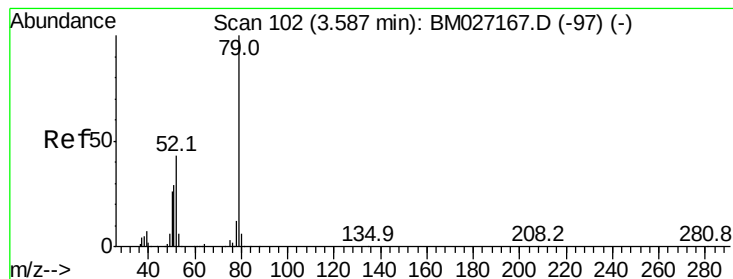
1,4-Dioxane
Concen: 35.960 ng
RT: 3.20 min Scan# 37
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt Ion: 88 Resp: 57672
Ion Ratio Lower Upper
88 100
58 60.0 46.2 69.2
43 28.2 20.0 30.0



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





#3

Pvridine

Concen: 28.394 ng

RT: 3.59 min Scan# 102

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

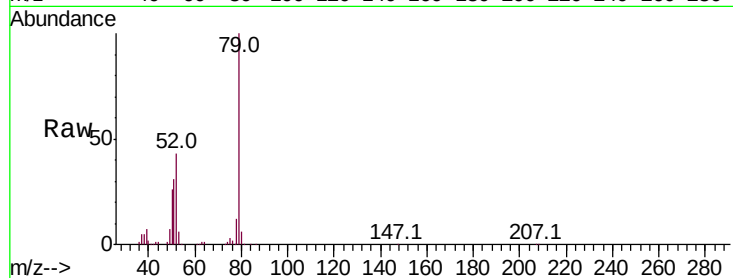
Tot Ion: 79 Resp: 127836

Ion Ratio Lower Upper

79 100

52 42.9 34.8 52.2

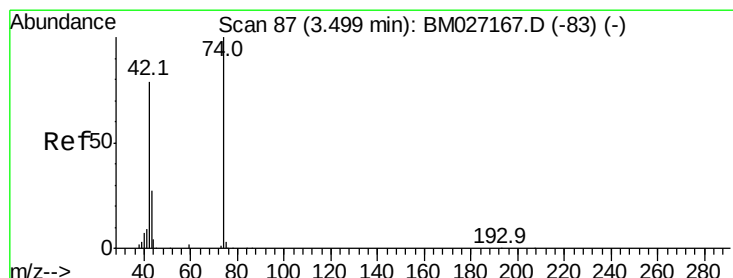
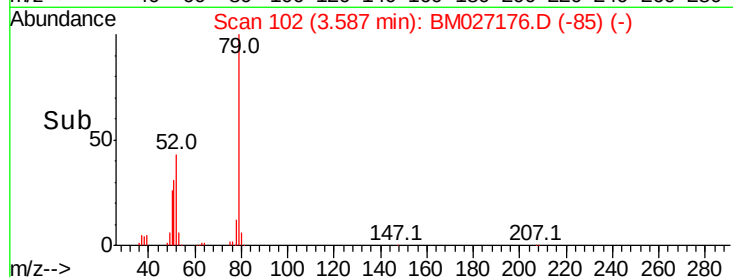
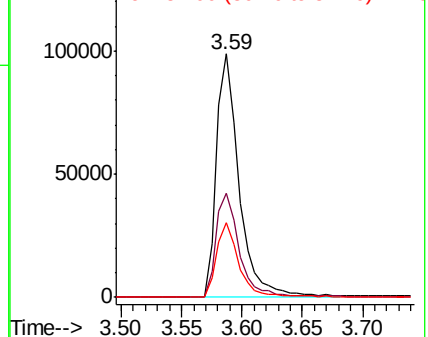
51 30.5 23.7 35.5



Abundance Ion 79.00 (78.70 to 79.70): BMC

Ion 52.00 (51.70 to 52.70): BMC

Ion 51.00 (50.70 to 51.70): BMC



#4

n-Nitrosodimethylamine

Concen: 38.541 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

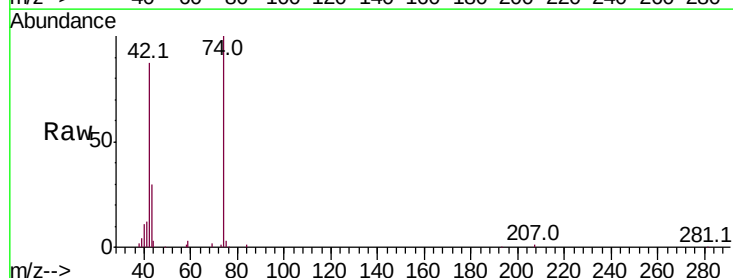
Tgt Ion: 42 Resp: 75696

Ion Ratio Lower Upper

42 100

74 114.7 101.0 151.4

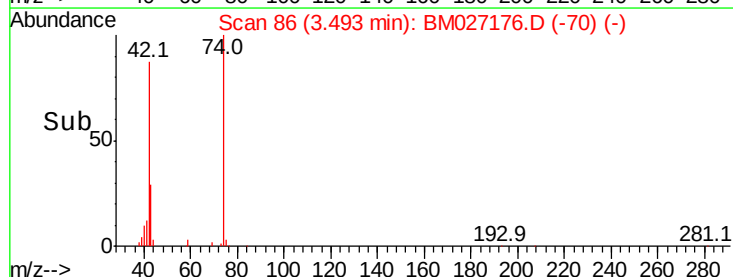
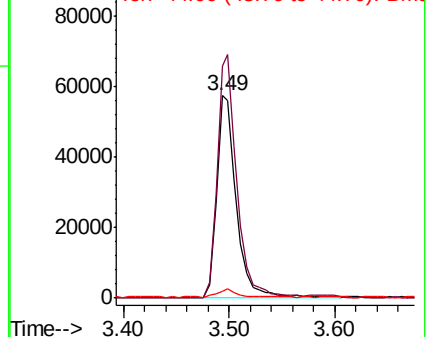
44 3.4 3.8 5.8#

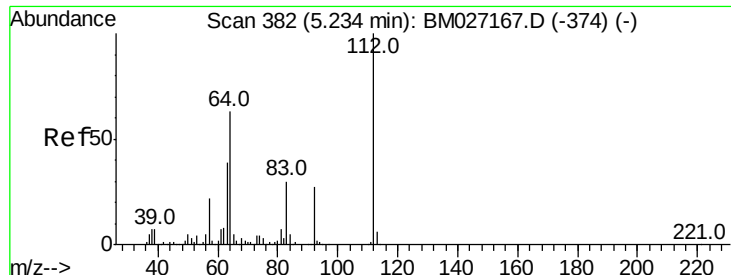


Abundance Ion 42.00 (41.70 to 42.70): BMC

Ion 74.00 (73.70 to 74.70): BMC

Ion 44.00 (43.70 to 44.70): BMC





#5

2-Fluorophenol

Concen: 110.299 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

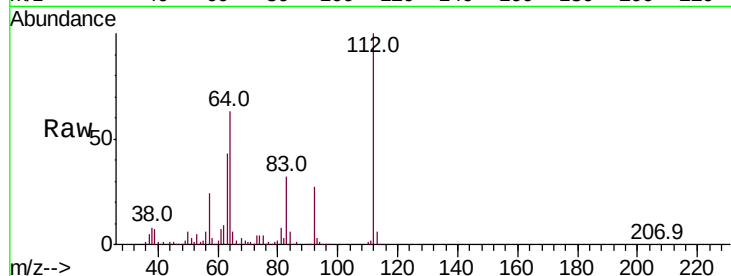
Tot Ion:112 Resp: 370167

Ion Ratio Lower Upper

112 100

64 63.5 50.0 75.0

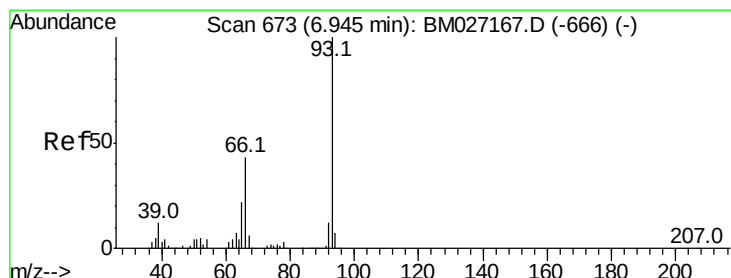
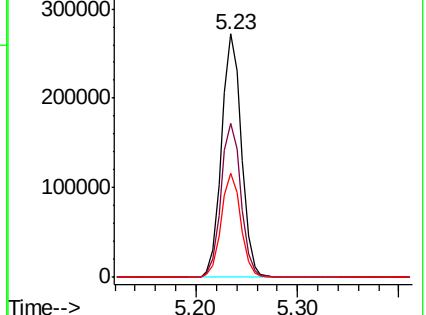
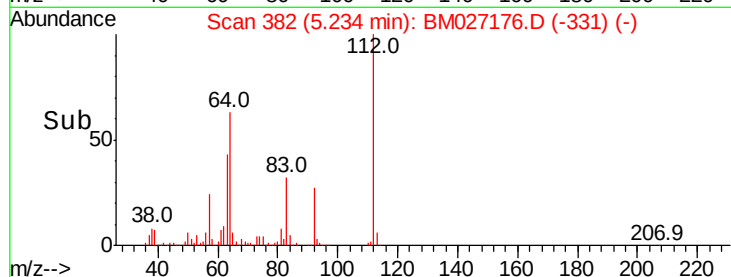
63 42.8 31.6 47.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 34.857 ng

RT: 6.95 min Scan# 673

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

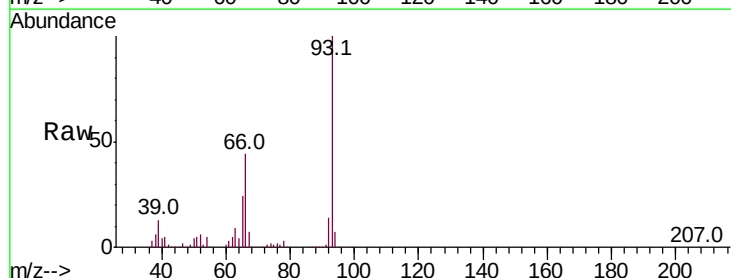
Tgt Ion: 93 Resp: 182462

Ion Ratio Lower Upper

93 100

66 44.5 34.2 51.2

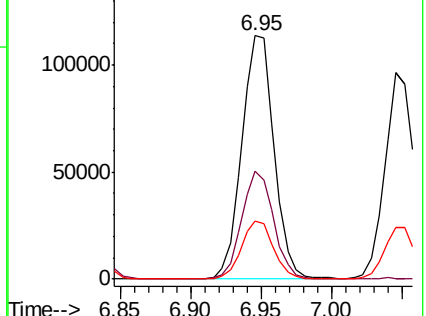
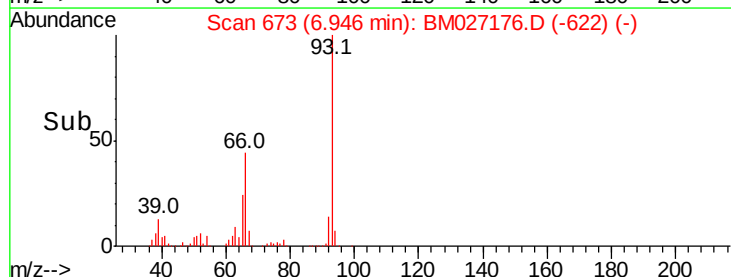
65 23.8 17.5 26.3

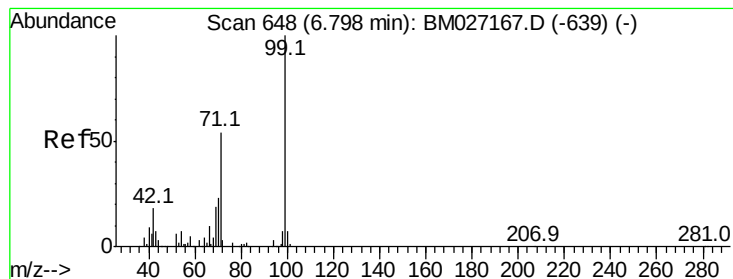


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 102.848 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

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ClientSampleId :

PB131109BS

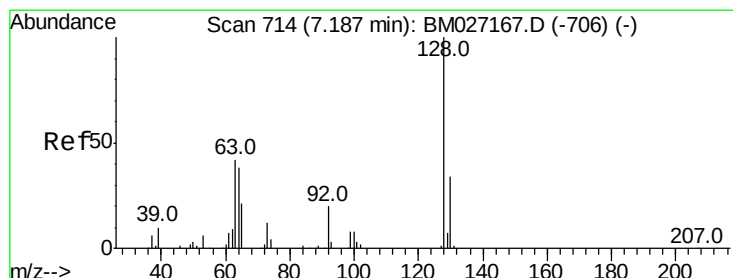
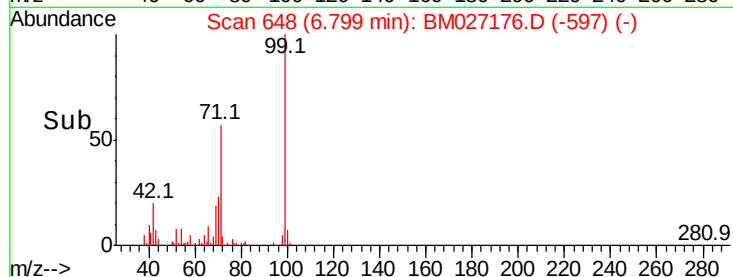
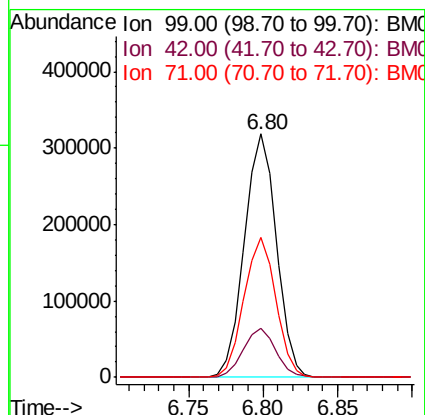
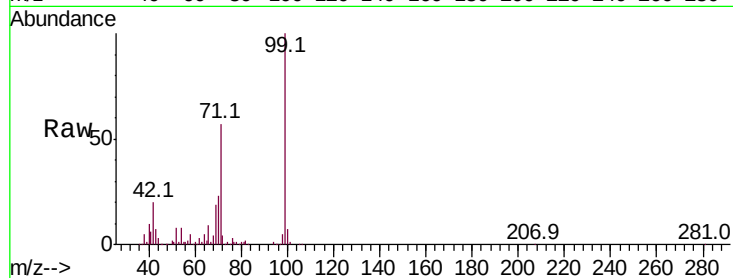
Tot Ion: 99 Resp: 473908

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 57.2 43.0 64.4



#8

2-Chlorophenol

Concen: 41.845 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

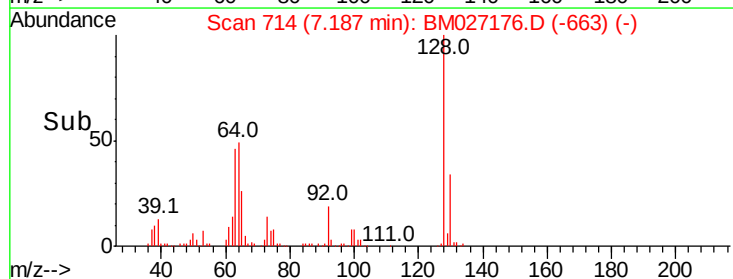
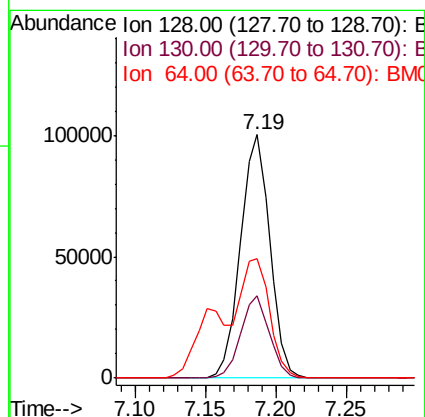
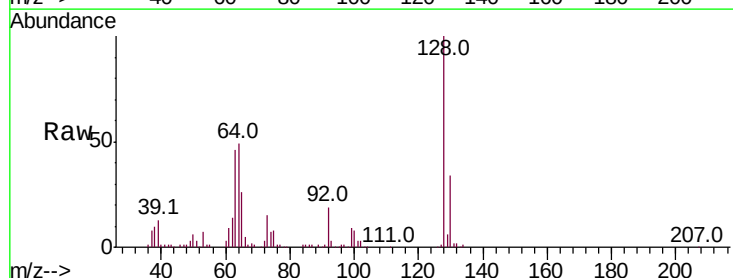
Tgt Ion: 128 Resp: 146140

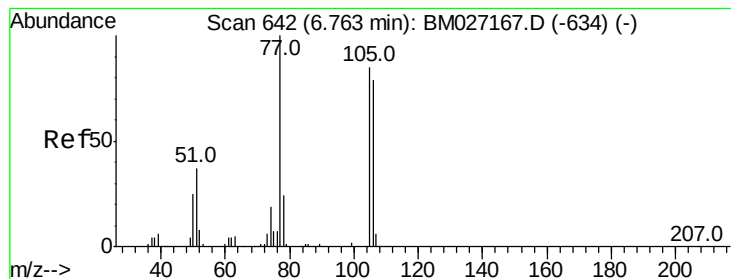
Ion Ratio Lower Upper

128 100

130 33.6 14.0 54.0

64 49.0 28.6 68.6





#9

Benzaldehyde

Concen: 32.824 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

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ClientSampleId :

PB131109BS

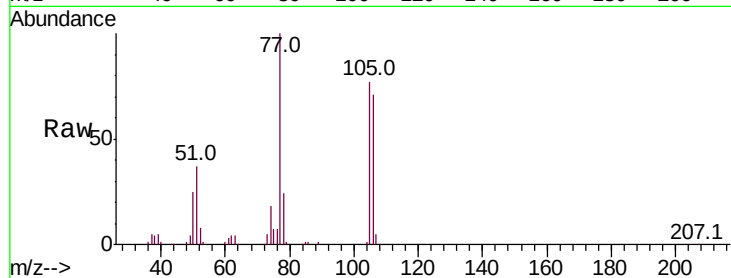
Tot Ion: 77 Resp: 103557

Ion Ratio Lower Upper

77 100

105 77.3 64.9 104.9

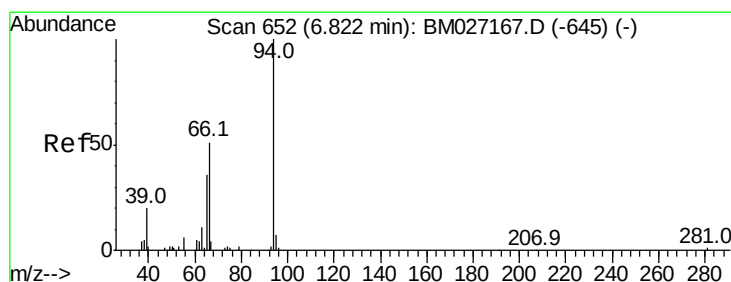
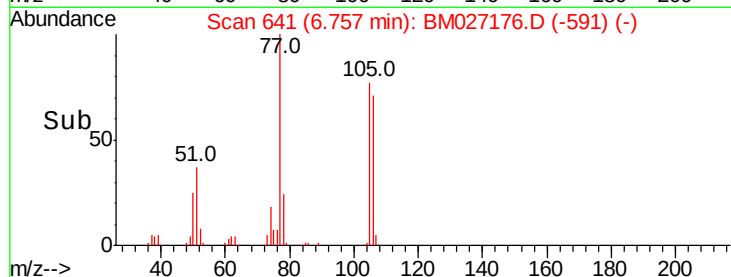
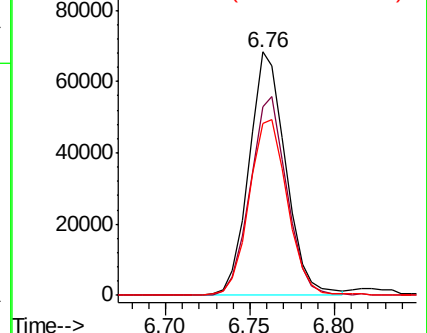
106 70.7 59.0 99.0



Abundance Ion 77.00 (76.70 to 77.70): BM027176.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM027176.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM027176.D (-634) (-)



#10

Phenol

Concen: 40.429 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

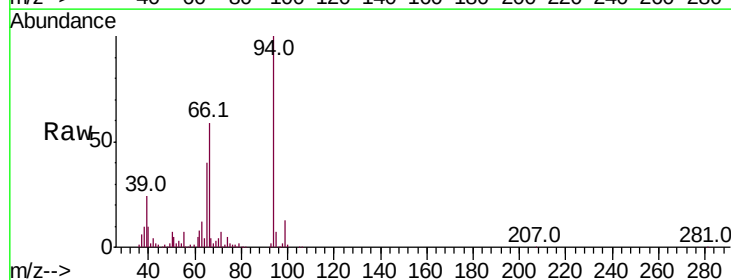
Tgt Ion: 94 Resp: 177540

Ion Ratio Lower Upper

94 100

65 39.6 17.0 57.0

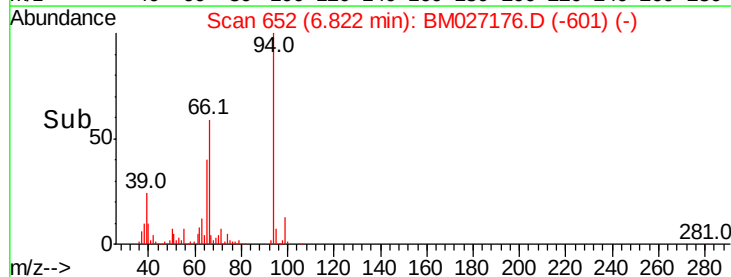
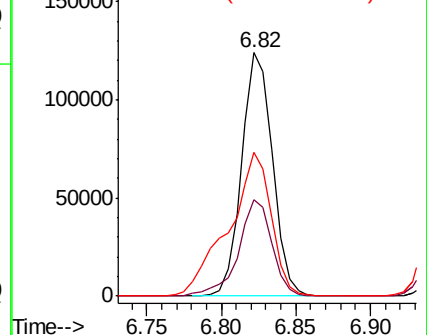
66 59.0 37.8 77.8

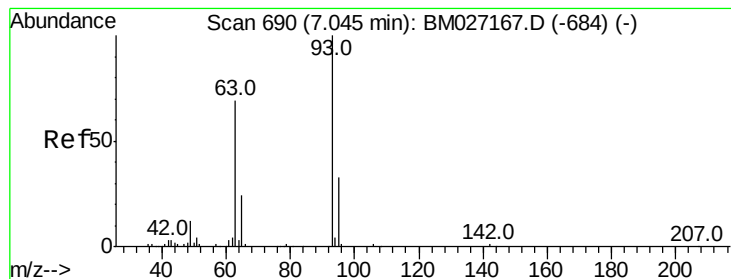


Abundance Ion 94.00 (93.70 to 94.70): BM027176.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM027176.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM027176.D (-645) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.901 ng

RT: 7.05 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

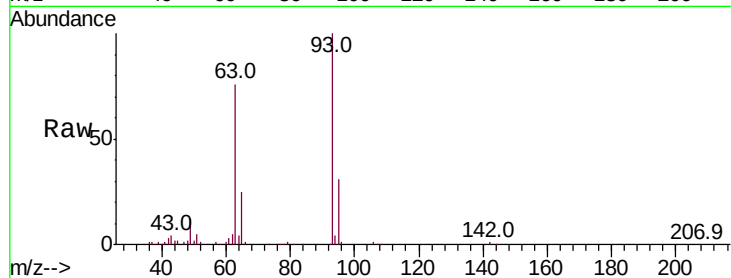
Tot Ion: 93 Resp: 139638

Ion Ratio Lower Upper

93 100

63 75.7 48.3 88.3

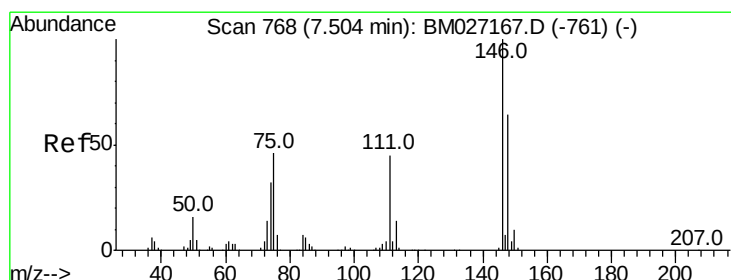
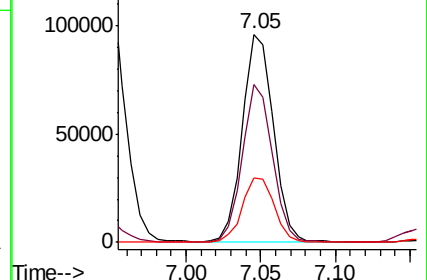
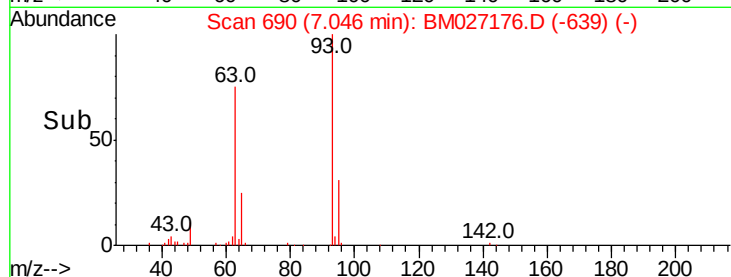
95 30.7 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BM027176.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM027176.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM027176.D (-684) (-)



#12

1,3-Dichlorobenzene

Concen: 36.744 ng

RT: 7.50 min Scan# 768

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

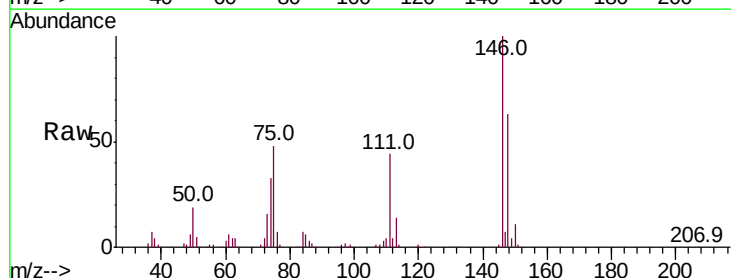
Tgt Ion: 146 Resp: 179597

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

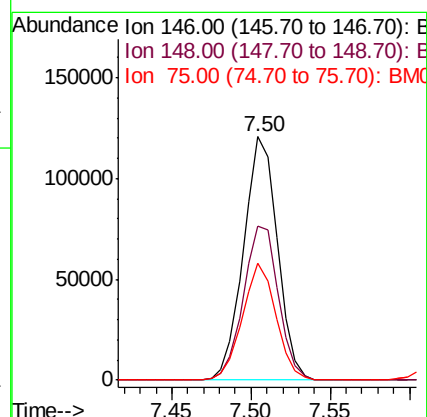
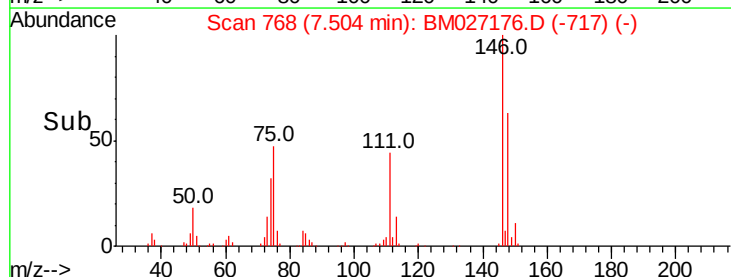
75 48.0 36.4 54.6

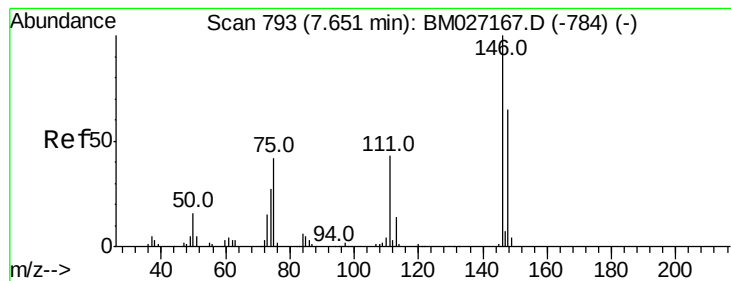


Abundance Ion 146.00 (145.70 to 146.70): BM027176.D (-761) (-)

Ion 148.00 (147.70 to 148.70): BM027176.D (-761) (-)

Ion 75.00 (74.70 to 75.70): BM027176.D (-761) (-)





#13

1,4-Dichlorobenzene

Concen: 37.255 ng

RT: 7.65 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

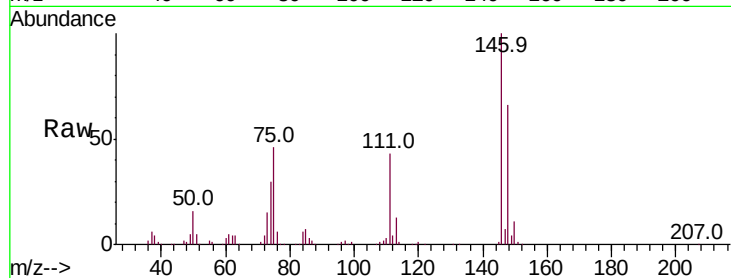
Tot Ion:146 Resp: 183727

Ion Ratio Lower Upper

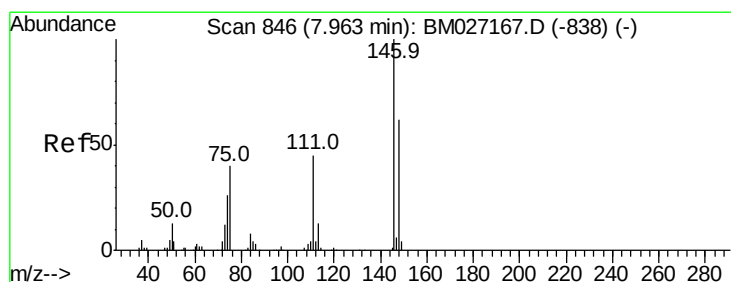
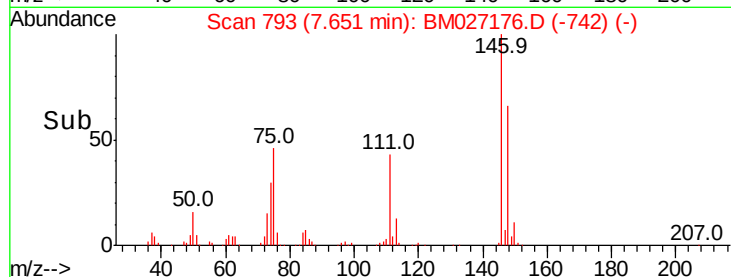
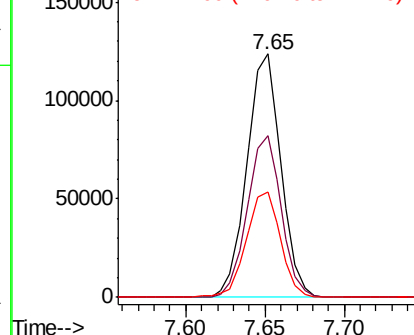
146 100

148 66.2 52.0 78.0

111 43.2 34.3 51.5



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



#14

1,2-Dichlorobenzene

Concen: 37.150 ng

RT: 7.96 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

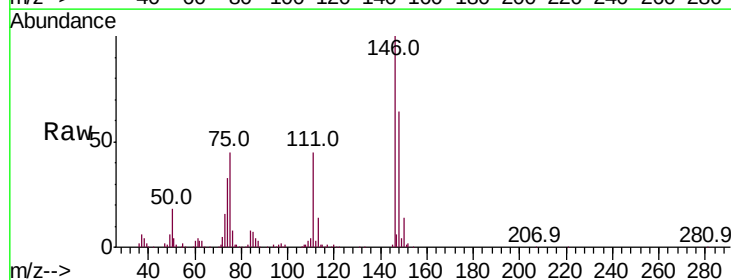
Tgt Ion:146 Resp: 173761

Ion Ratio Lower Upper

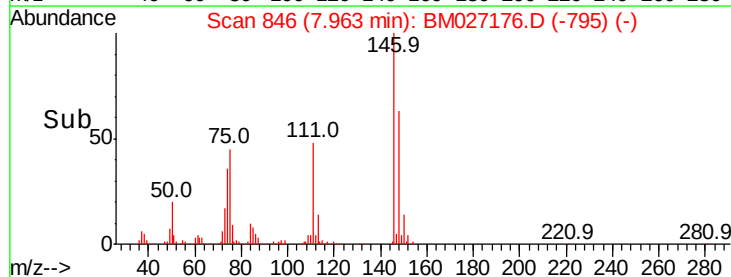
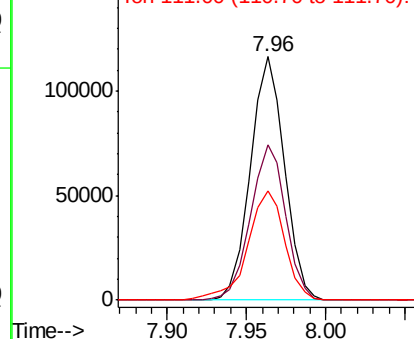
146 100

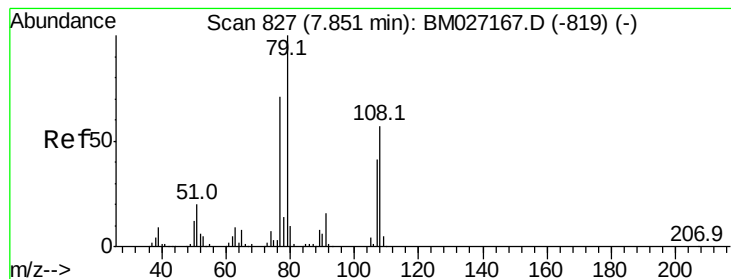
148 64.0 50.1 75.1

111 44.6 36.3 54.5



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





#15

Benzyl Alcohol

Concen: 38.401 ng

RT: 7.85 min Scan# 827

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

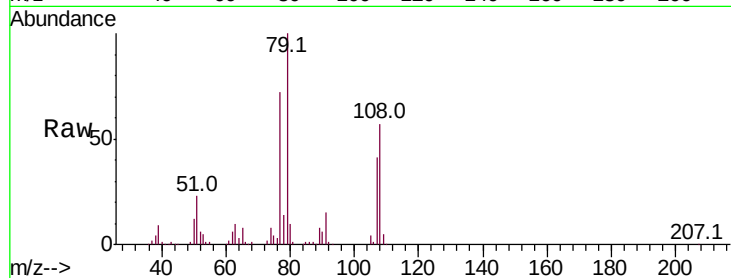
Tot Ion: 79 Resp: 160835

Ion Ratio Lower Upper

79 100

108 56.5 45.8 68.8

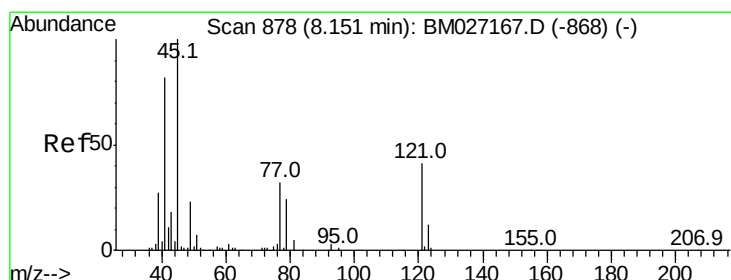
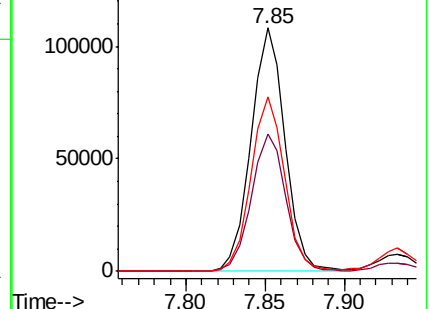
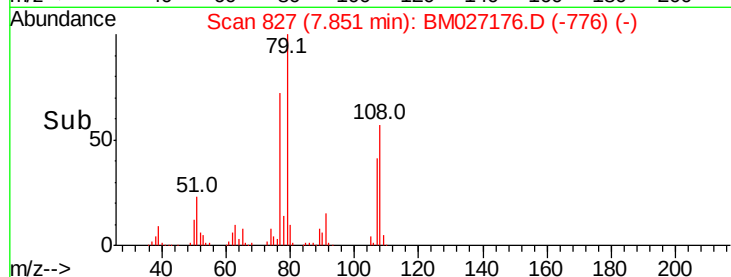
77 71.6 57.1 85.7



Abundance Ion 79.00 (78.70 to 79.70): BM027176.D (-819) (-)

Ion 108.00 (107.70 to 108.70): BM027176.D (-819) (-)

Ion 77.00 (76.70 to 77.70): BM027176.D (-819) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.947 ng

RT: 8.15 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

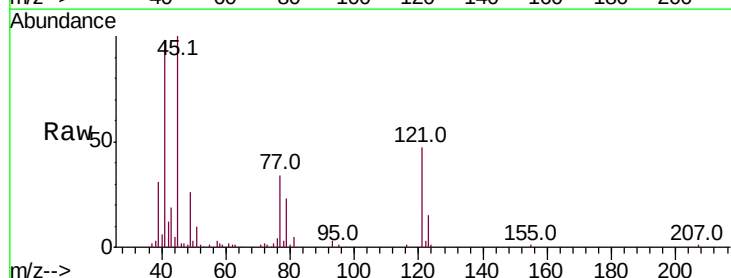
Tgt Ion: 45 Resp: 100641

Ion Ratio Lower Upper

45 100

77 33.6 12.9 52.9

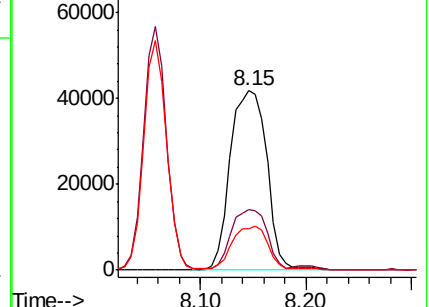
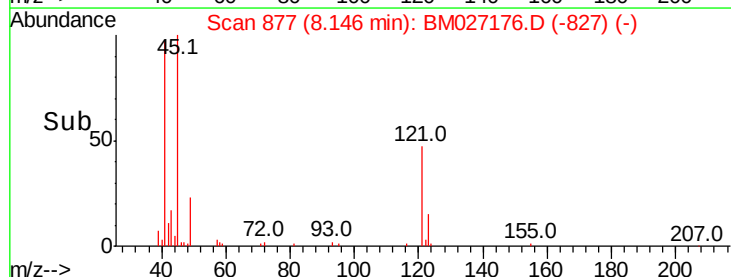
79 23.2 4.9 44.9

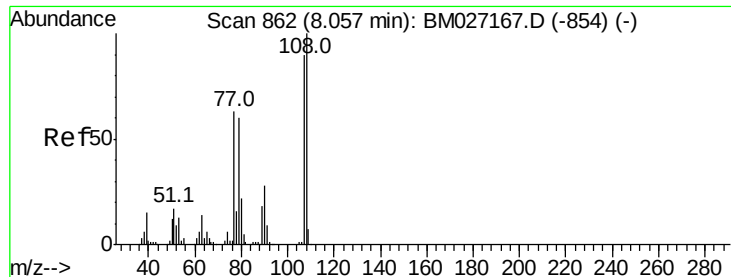


Abundance Ion 45.00 (44.70 to 45.70): BM027176.D (-868) (-)

Ion 77.00 (76.70 to 77.70): BM027176.D (-868) (-)

Ion 79.00 (78.70 to 79.70): BM027176.D (-868) (-)





#17

2-Methylphenol

Concen: 39.383 ng

RT: 8.06 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

Tot Ion:107 Resp: 119667

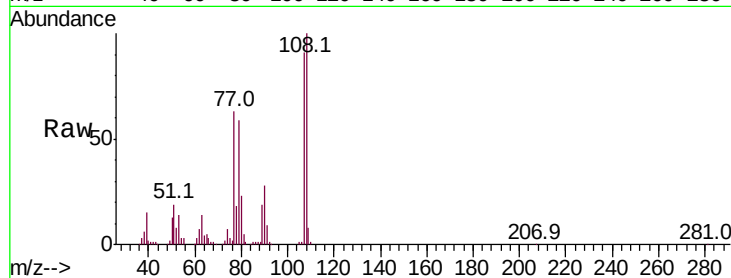
Ion Ratio Lower Upper

107 100

108 109.8 89.2 133.8

77 68.9 56.2 84.2

79 65.0 53.7 80.5

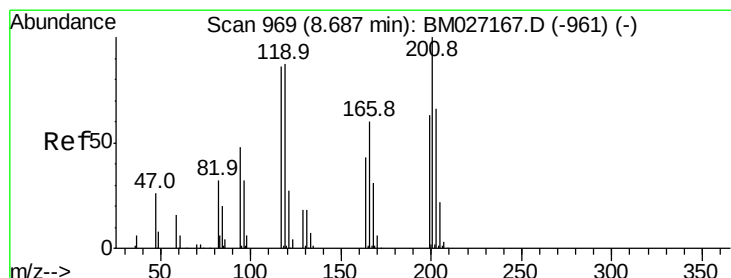
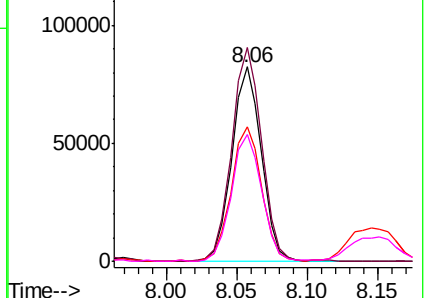
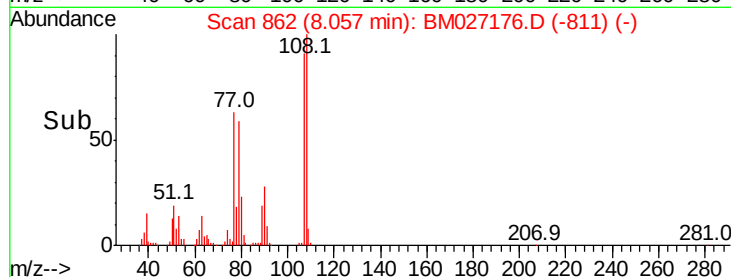


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BMO

Ion 79.00 (78.70 to 79.70): BMO



#18

Hexachloroethane

Concen: 37.963 ng

RT: 8.69 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

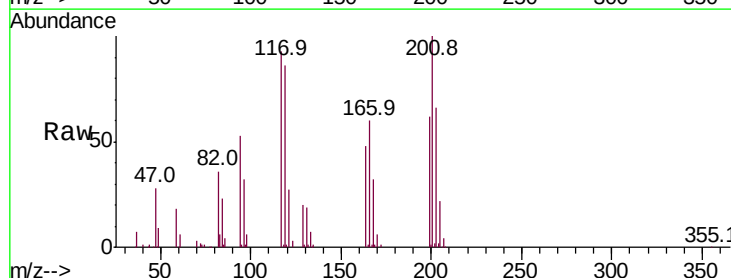
Tgt Ion:117 Resp: 75976

Ion Ratio Lower Upper

117 100

119 92.8 80.1 120.1

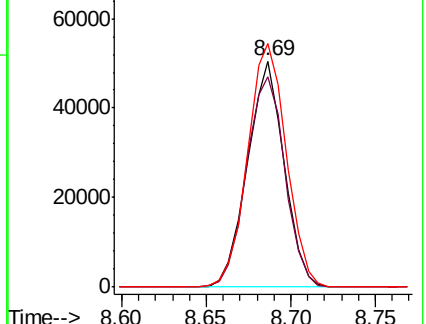
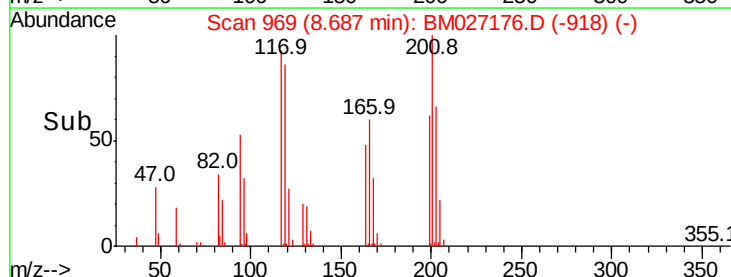
201 107.6 92.6 138.8

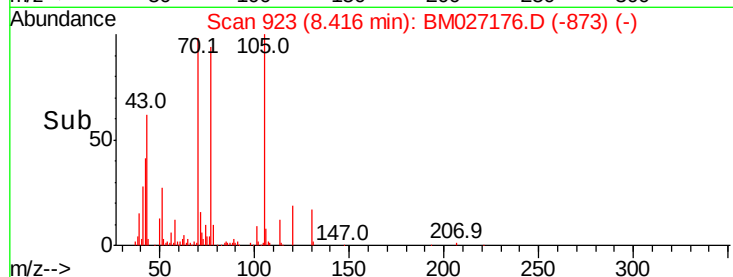
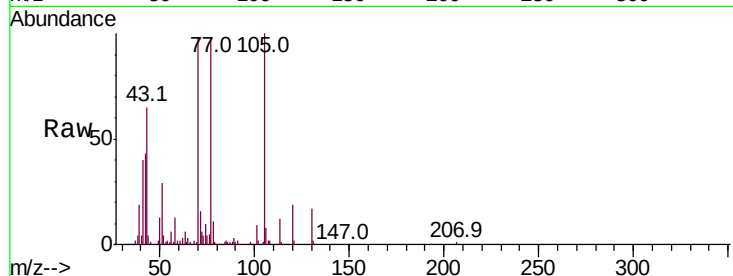
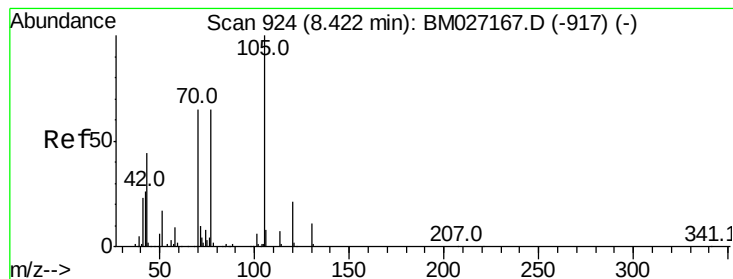


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.090 ng

RT: 8.42 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

Tot Ion: 70 Resp: 131184

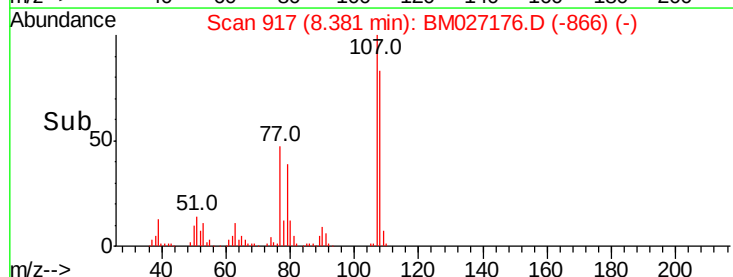
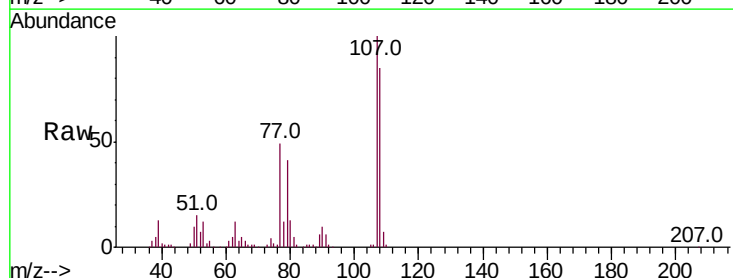
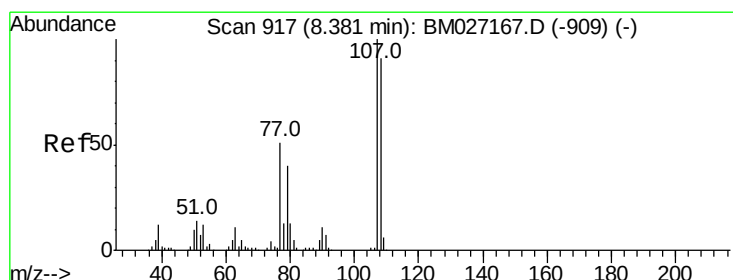
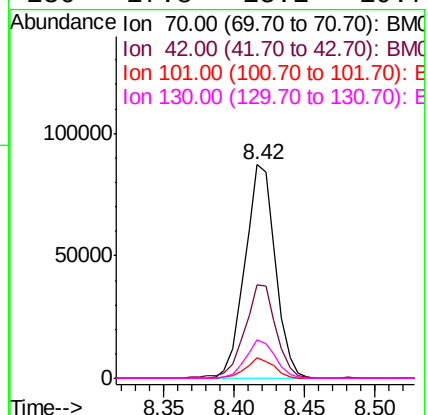
Ion Ratio Lower Upper

70 100

42 43.5 33.2 49.8

101 9.3 6.9 10.3

130 17.8 13.1 19.7



#20

3+4-Methylphenols

Concen: 38.939 ng

RT: 8.38 min Scan# 917

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Tgt Ion:107 Resp: 158324

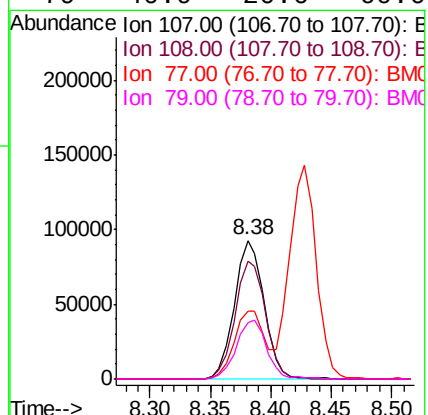
Ion Ratio Lower Upper

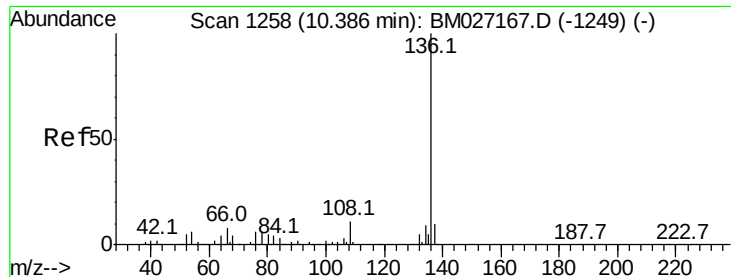
107 100

108 85.0 70.7 110.7

77 48.7 30.8 70.8

79 40.9 20.6 60.6

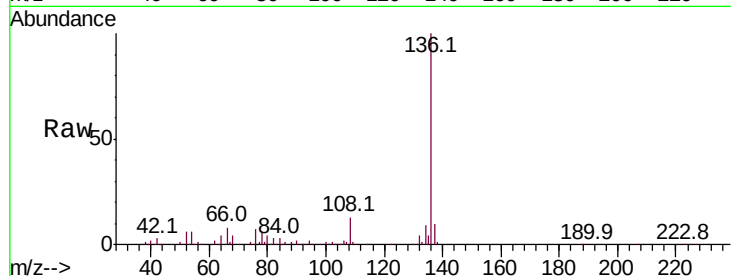




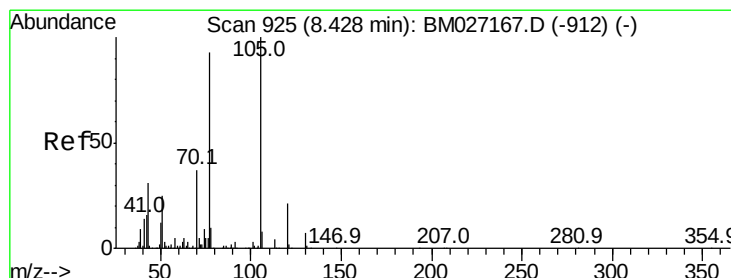
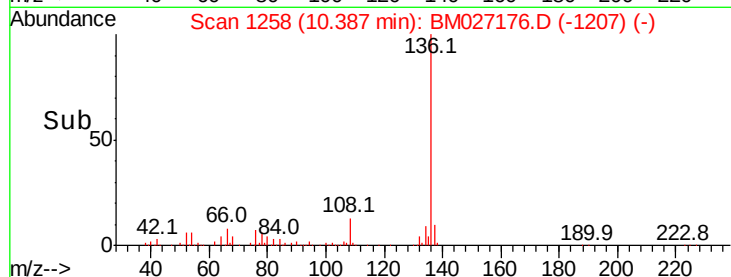
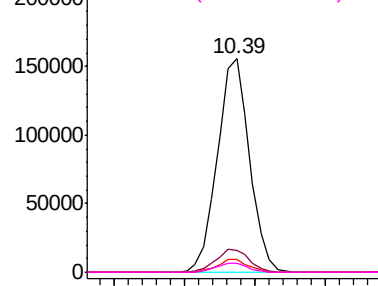
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Instrument :
BNA_M
ClientSampleId :
PB131109BS

Tot Ion:136	Resp:	249109
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.2	12.4
54 6.2	4.8	7.2
68 4.0	3.5	5.3

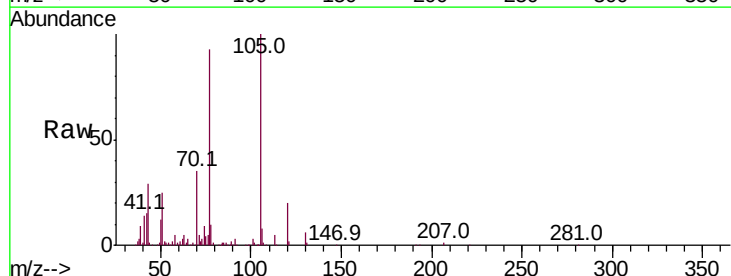


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

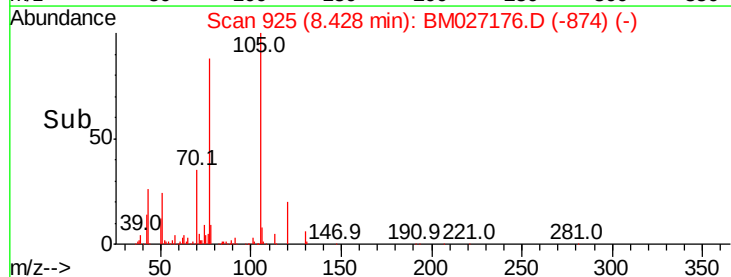
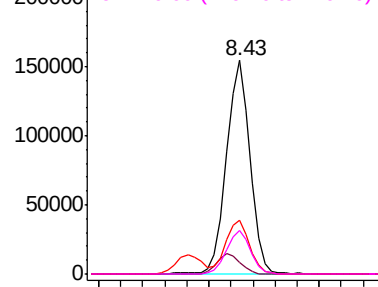


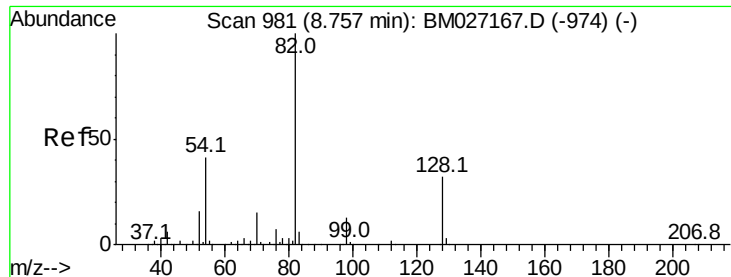
#22
Acetophenone
Concen: 34.698 ng
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt	Ion:105	Resp:	232303
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.2	6.2
51	25.0	20.2	30.4
120	20.2	16.6	24.8



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

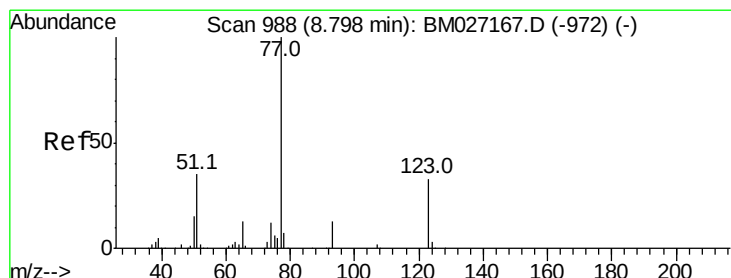
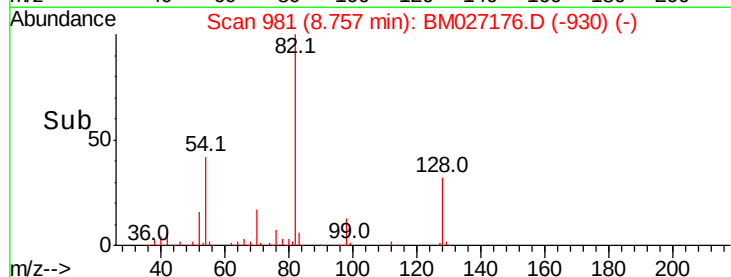
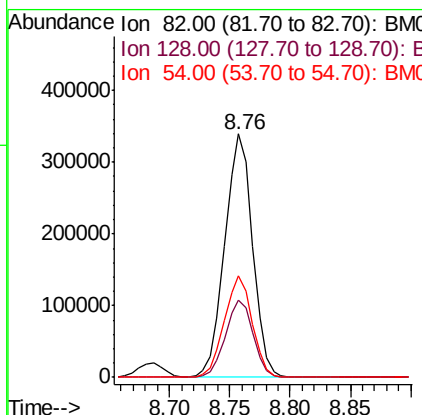
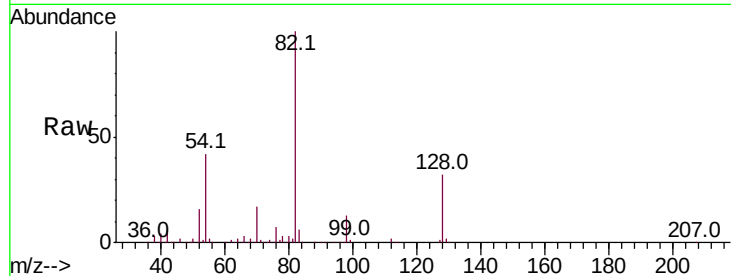




#23
 Nitrobenzene-d5
 Concen: 89.438 ng
 RT: 8.76 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

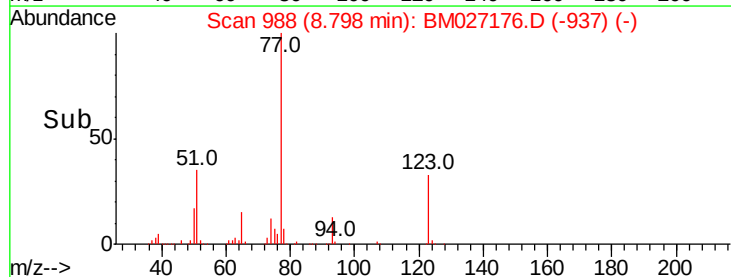
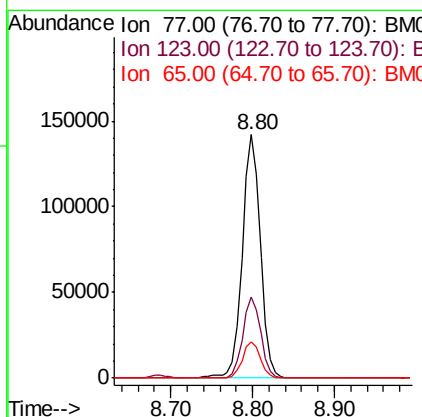
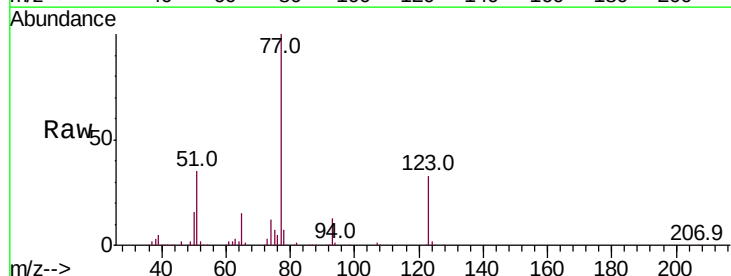
Instrument :
 BNA_M
 ClientSampleId :
 PB131109BS

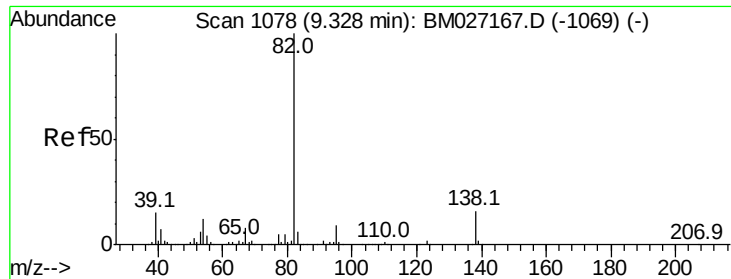
Tot Ion	82	Resp	540021
Ion	Ratio	Lower	Upper
82	100		
128	31.7	25.7	38.5
54	41.6	33.0	49.4



#24
 Nitrobenzene
 Concen: 35.739 ng
 RT: 8.80 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

Tgt Ion	77	Resp	218417
Ion	Ratio	Lower	Upper
77	100		
123	33.2	26.2	39.4
65	14.7	10.5	15.7

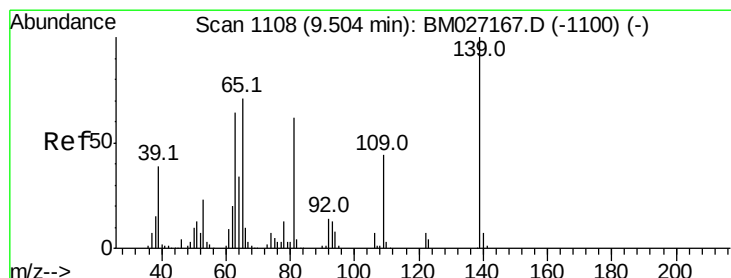
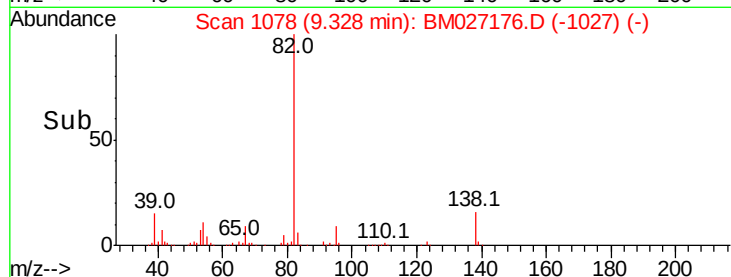
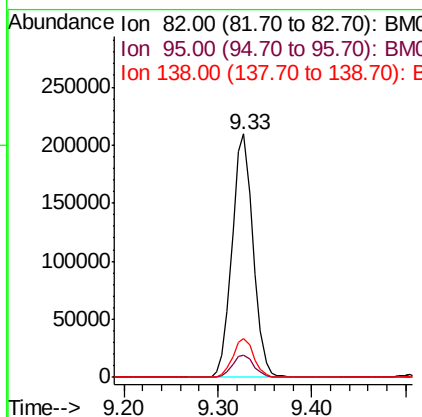
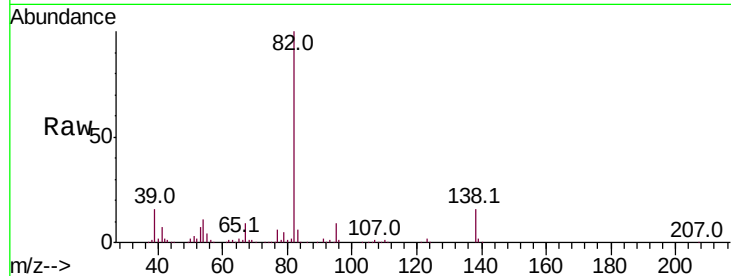




#25
Isophorone
Concen: 36.753 ng
RT: 9.33 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

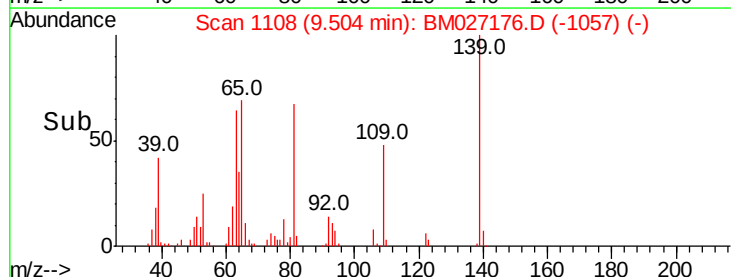
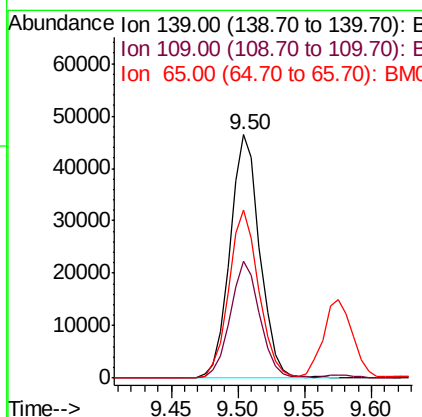
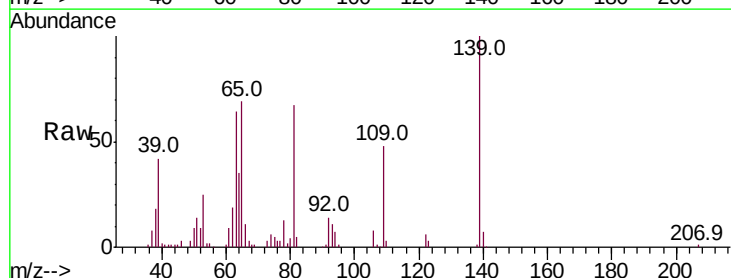
Instrument :
BNA_M
ClientSampled :
PB131109BS

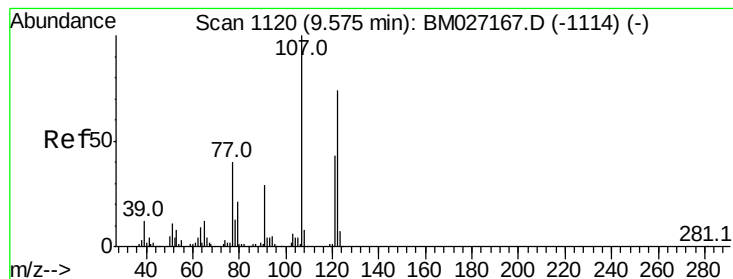
Tot Ion	82	Resp	325043
Ion	Ratio	Lower	Upper
82	100		
95	9.3	7.2	10.8
138	16.1	12.8	19.2



#26
2-Nitrophenol
Concen: 37.903 ng
RT: 9.50 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt Ion	139	Resp	72303
Ion	Ratio	Lower	Upper
139	100		
109	47.9	35.0	52.6
65	69.1	57.0	85.6





#27

2,4-Dimethylphenol

Concen: 44.559 ng

RT: 9.57 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

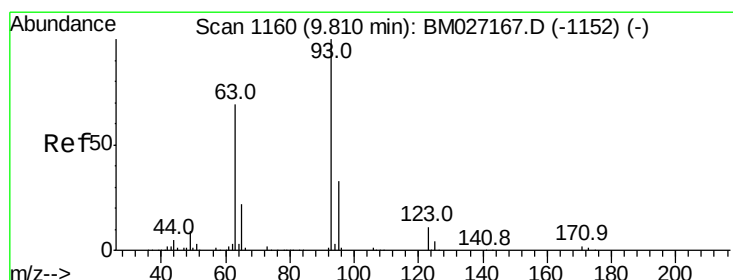
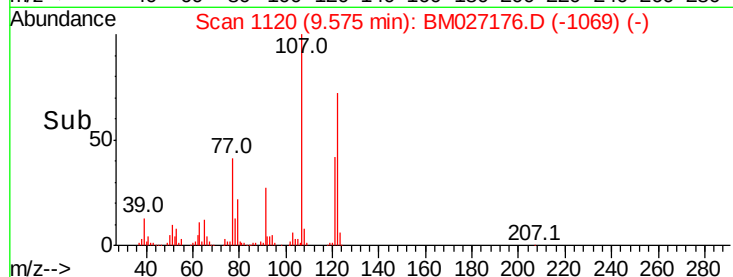
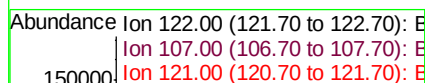
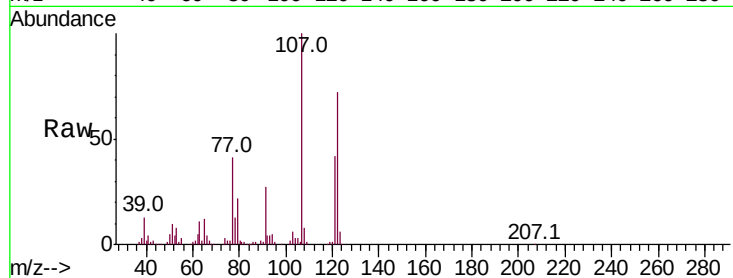
Tot Ion:122 Resp: 131979

Ion Ratio Lower Upper

122 100

107 138.7 108.1 162.1

121 58.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 35.555 ng

RT: 9.81 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

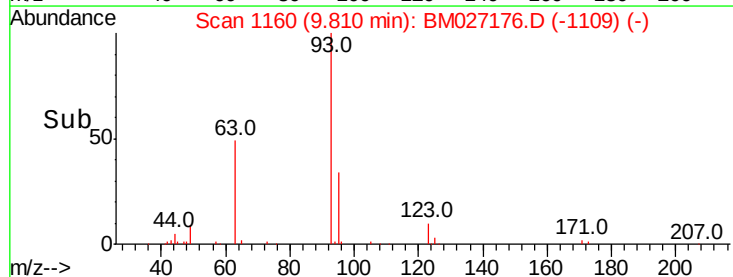
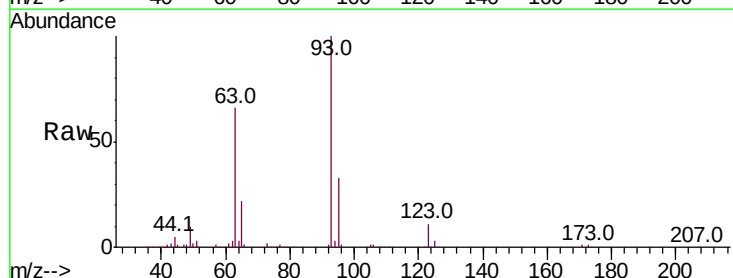
Tgt Ion: 93 Resp: 191883

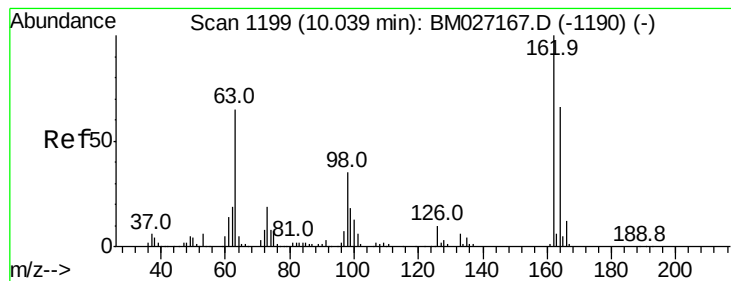
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.2

123 10.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 38.888 ng

RT: 10.04 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

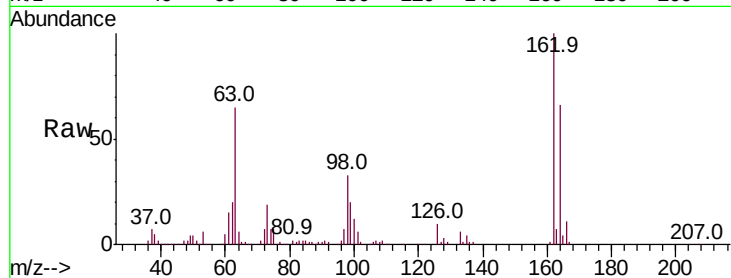
Tot Ion:162 Resp: 160634

Ion Ratio Lower Upper

162 100

164 65.9 46.0 86.0

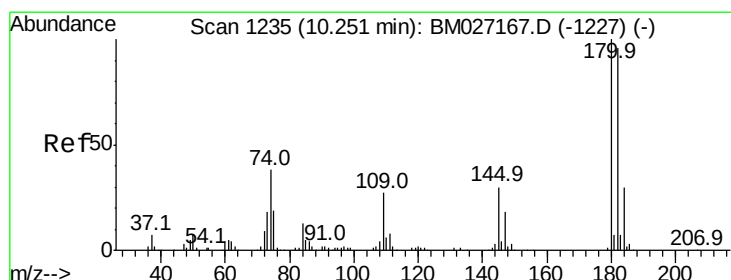
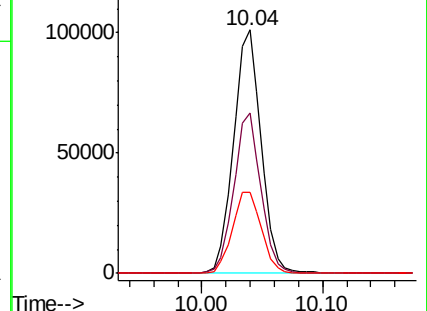
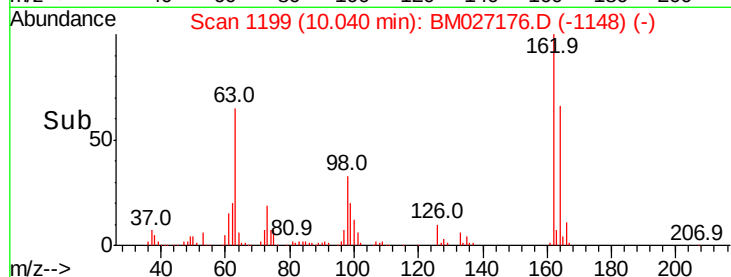
98 33.5 15.0 55.0



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: 35.649 ng

RT: 10.25 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

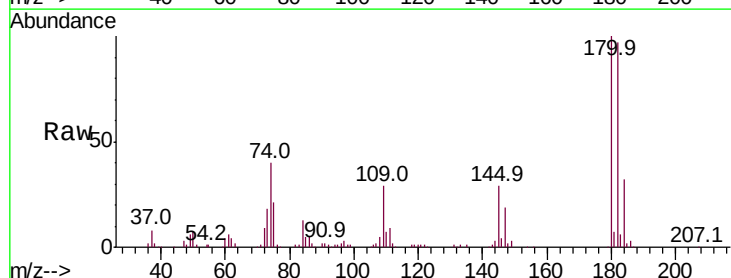
Tgt Ion:180 Resp: 193310

Ion Ratio Lower Upper

180 100

182 96.9 76.6 115.0

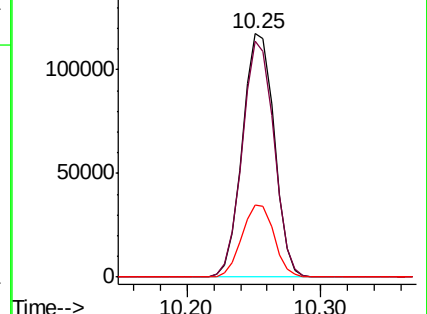
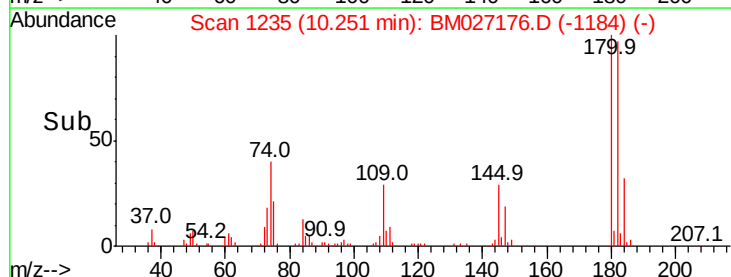
145 29.4 23.7 35.5

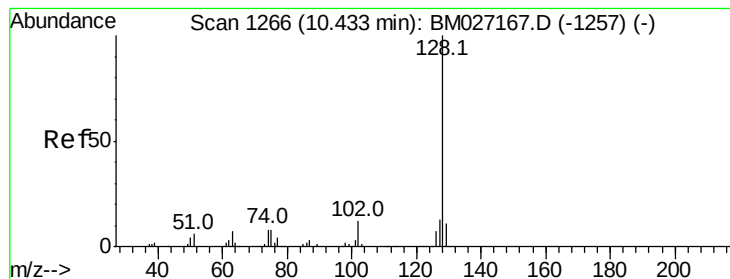


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.885 ng

RT: 10.43 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

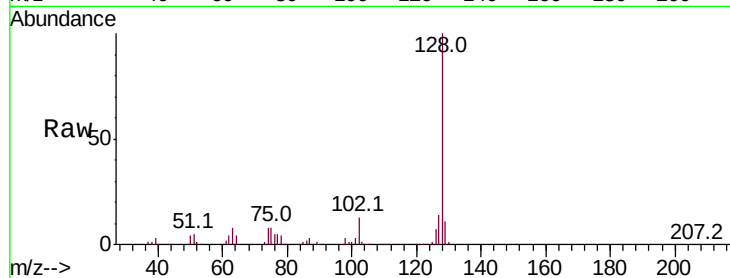
Tot Ion:128 Resp: 465712

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

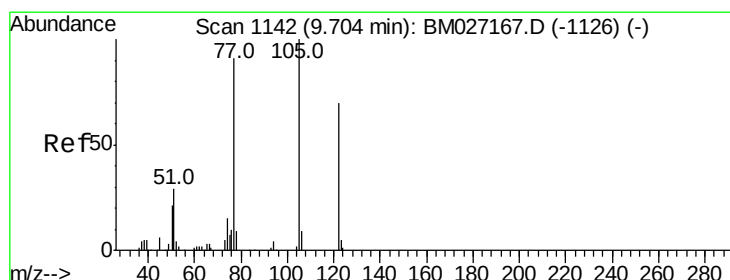
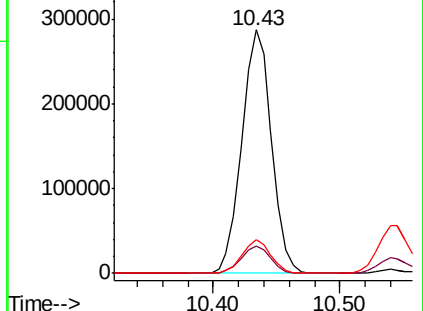
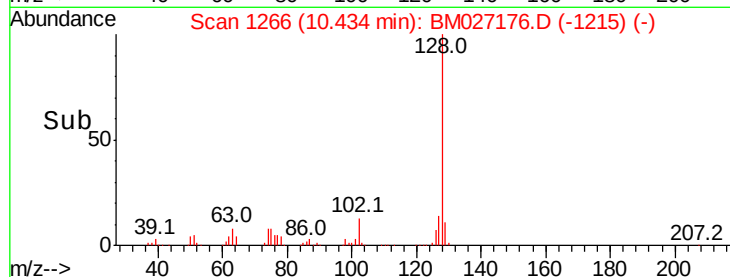
127 13.9 10.7 16.1



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: 29.813 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

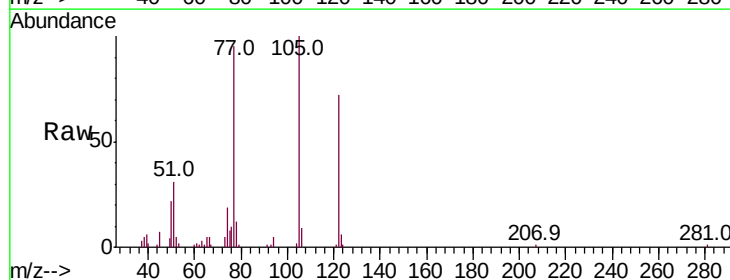
Tgt Ion:122 Resp: 68606

Ion Ratio Lower Upper

122 100

105 138.1 117.8 157.8

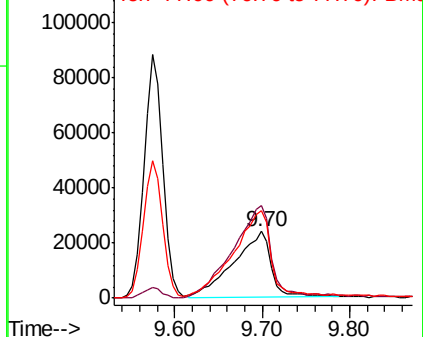
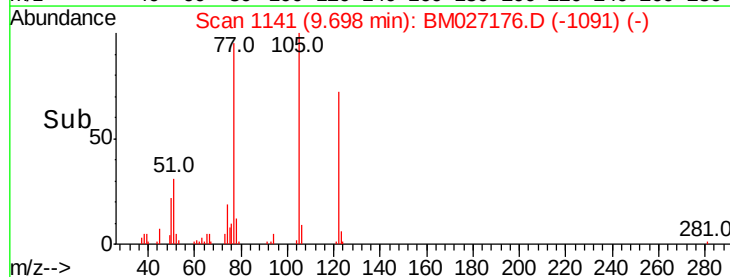
77 131.2 107.8 147.8

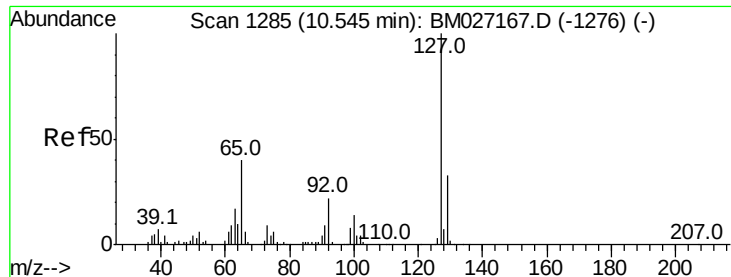


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

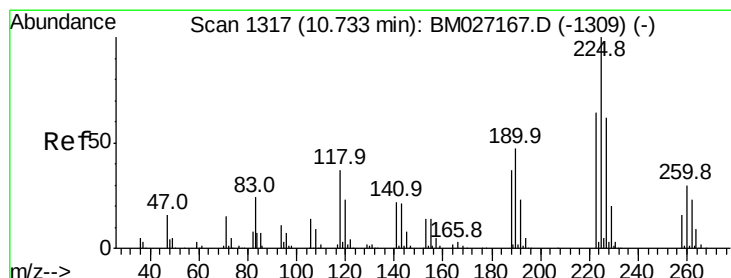
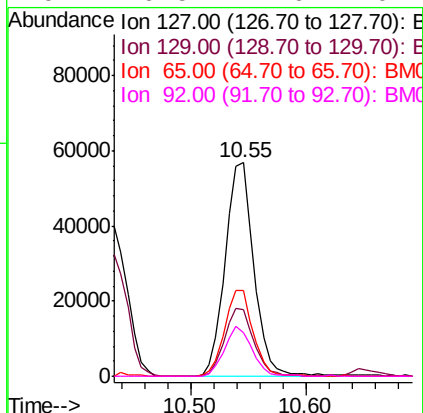
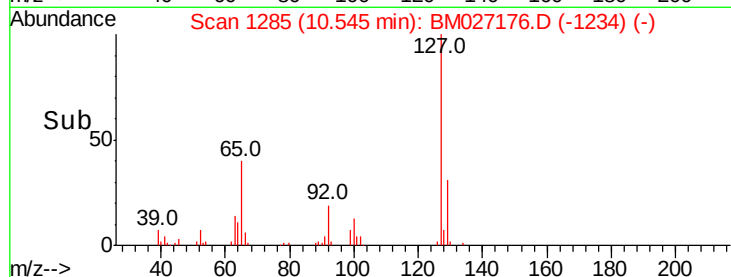
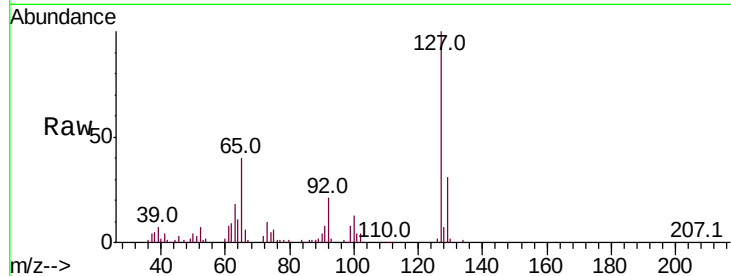




#33
4-Chloroaniline
Concen: 18.825 ng
RT: 10.55 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

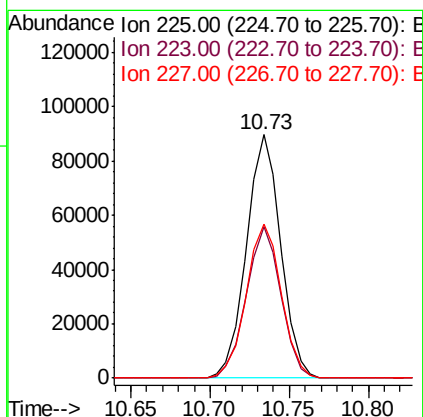
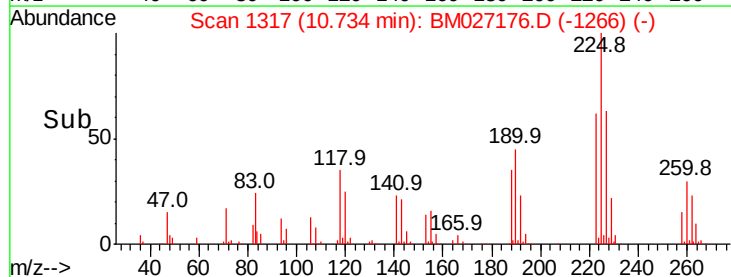
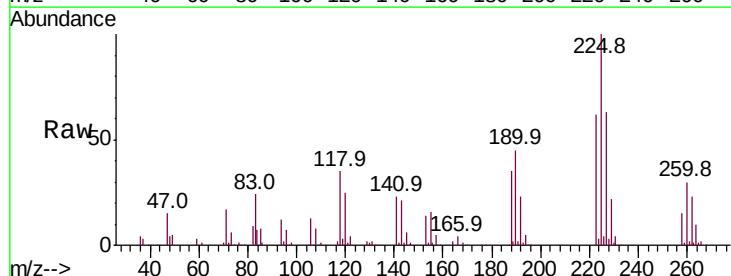
Instrument :
BNA_M
ClientSampleId :
PB131109BS

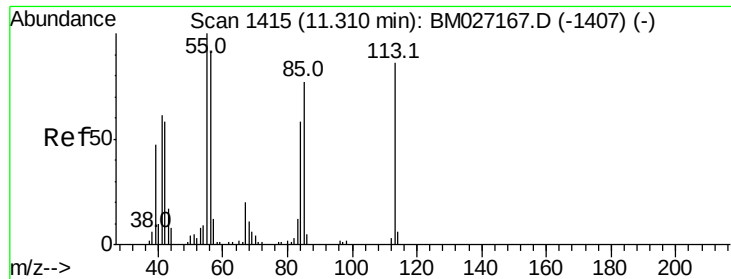
Tot Ion:127	Resp:	98192
Ion	Ratio	Lower Upper
127	100	
129	31.4	26.0 39.0
65	40.4	31.8 47.6
92	20.5	17.6 26.4



#34
Hexachlorobutadiene
Concen: 37.228 ng
RT: 10.73 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt Ion:225	Resp:	134706
Ion	Ratio	Lower Upper
225	100	
223	62.1	51.1 76.7
227	63.4	49.7 74.5

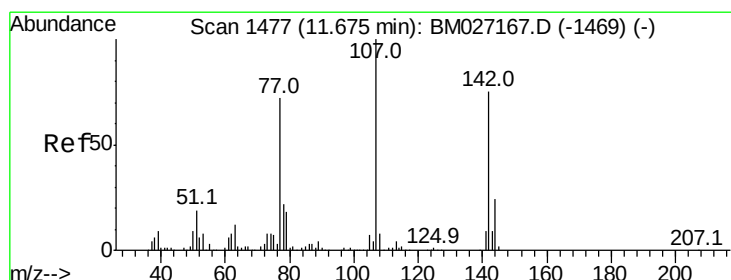
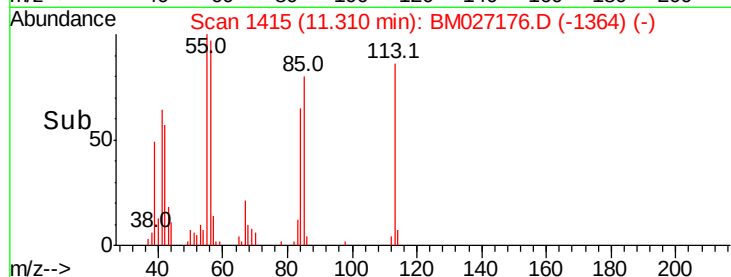
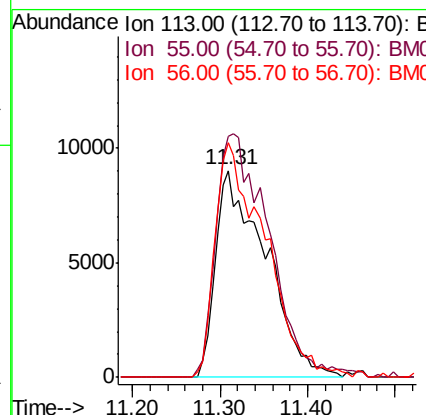
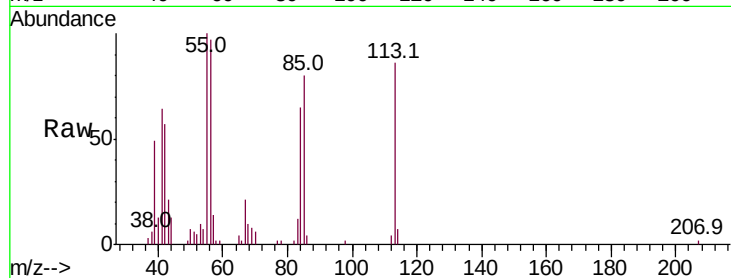




#35
Caprolactam
Concen: 31.727 ng
RT: 11.31 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

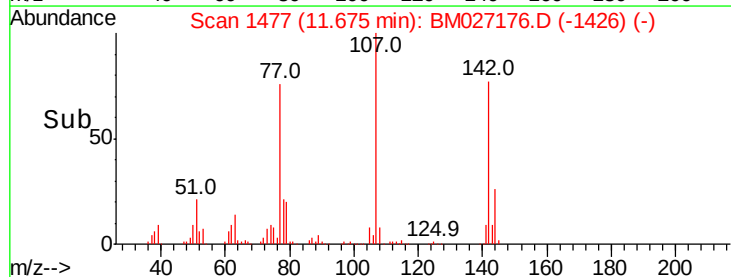
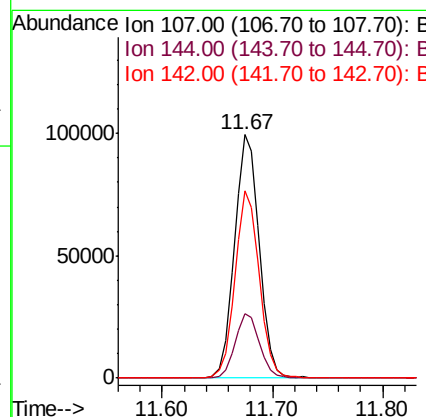
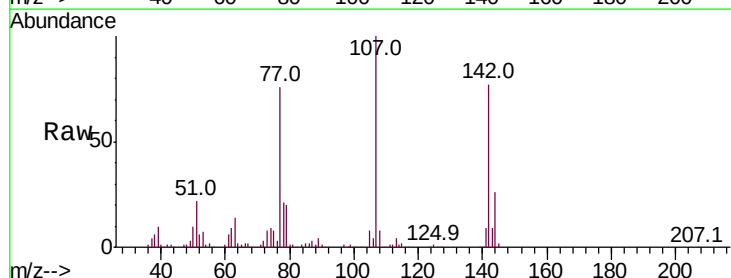
Instrument :
BNA_M
ClientSampleId :
PB131109BS

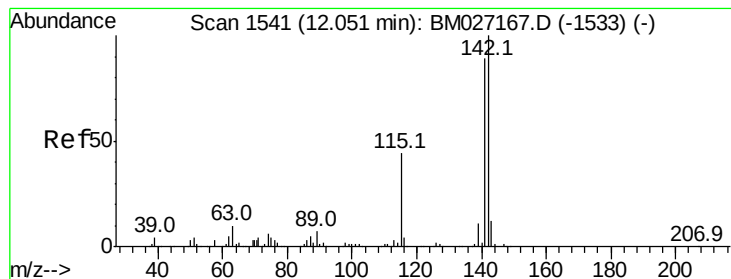
Tot Ion:113 Resp: 35526
Ion Ratio Lower Upper
113 100
55 116.4 96.9 136.9
56 113.4 85.9 125.9



#36
4-Chloro-3-methylphenol
Concen: 36.695 ng
RT: 11.67 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt Ion:107 Resp: 156684
Ion Ratio Lower Upper
107 100
144 26.4 19.5 29.3
142 76.7 60.3 90.5





#37

2-Methylnaphthalene

Concen: 37.746 ng

RT: 12.05 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

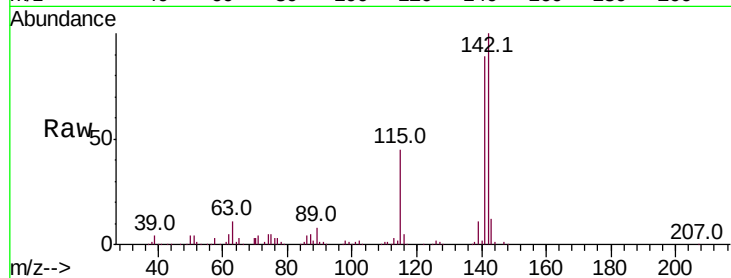
Tot Ion:142 Resp: 360909

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.0

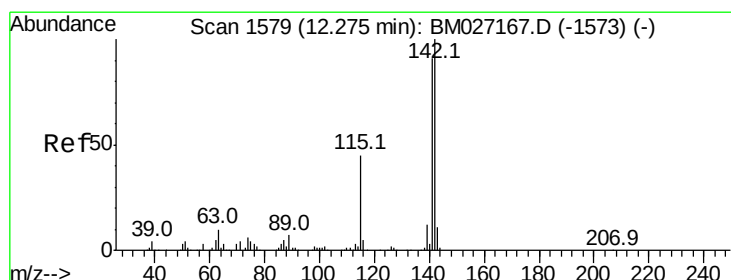
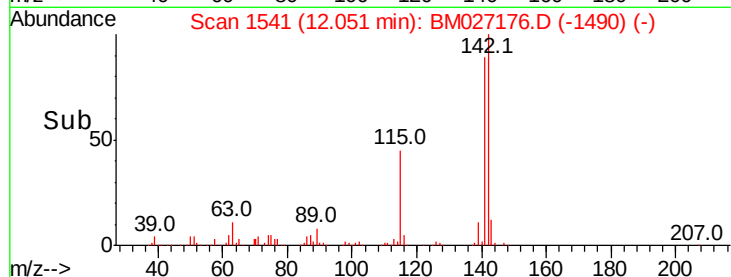
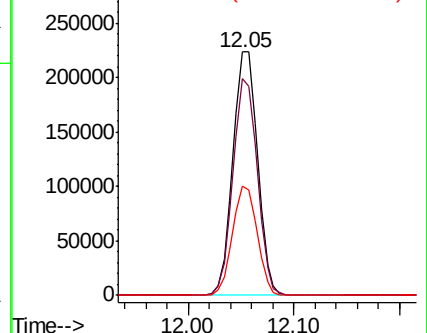
115 44.6 34.8 52.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.042 ng

RT: 12.27 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

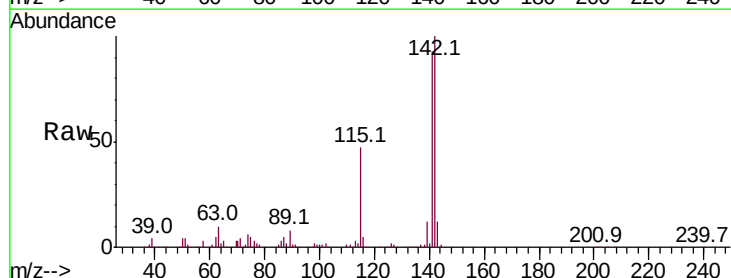
Tgt Ion:142 Resp: 341531

Ion Ratio Lower Upper

142 100

141 93.3 72.8 109.2

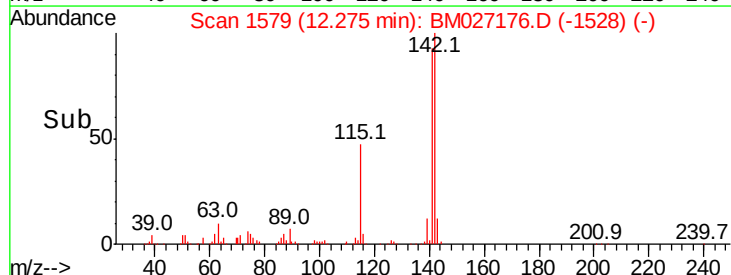
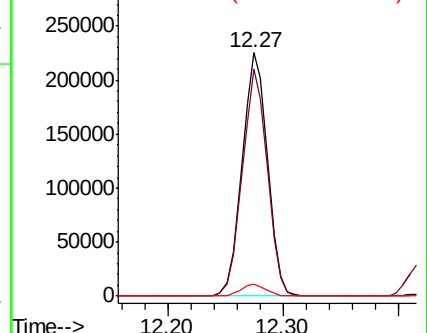
116 4.9 4.2 6.4

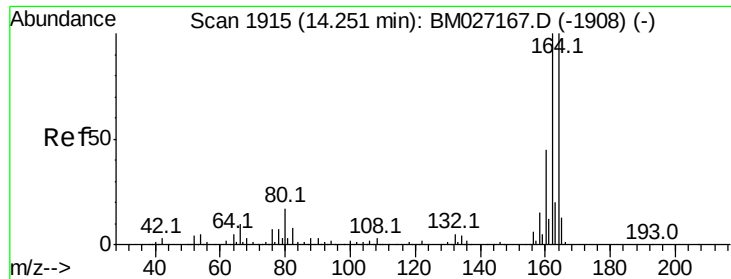


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

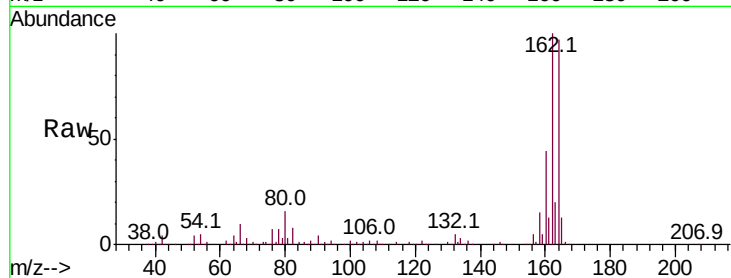
Tot Ion:164 Resp: 180768

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.4

160 45.2 36.3 54.5

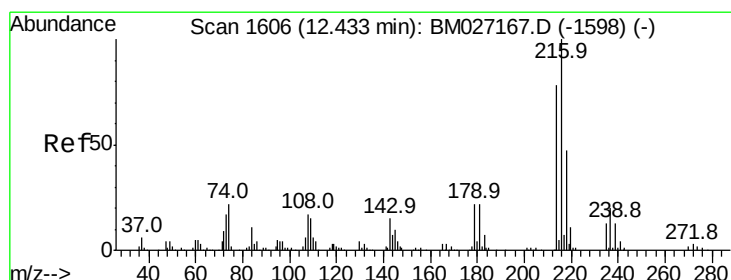
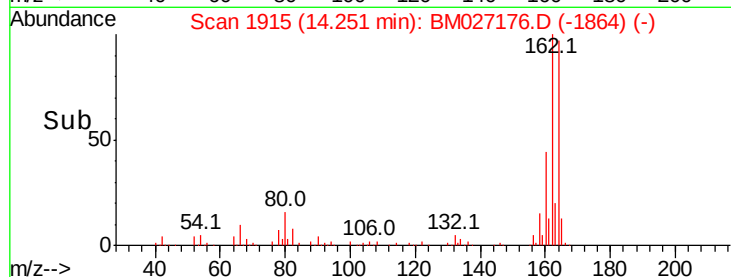
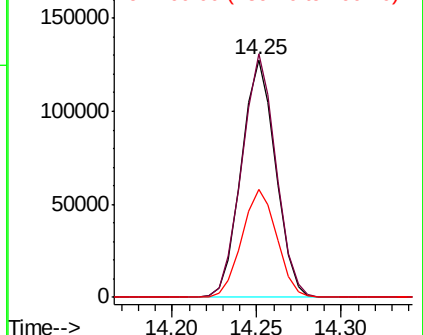


Abundance

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: 36.818 ng

RT: 12.43 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Tgt Ion:216 Resp: 234393

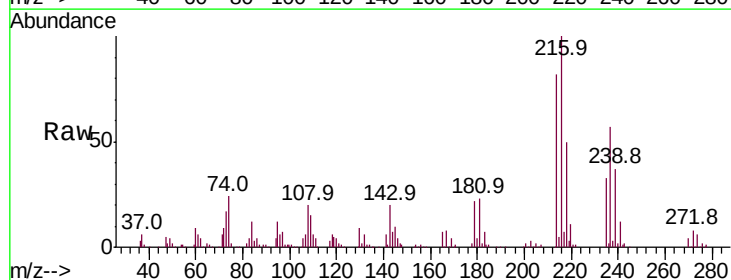
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 22.1 18.0 27.0

108 24.1 15.5 23.3#



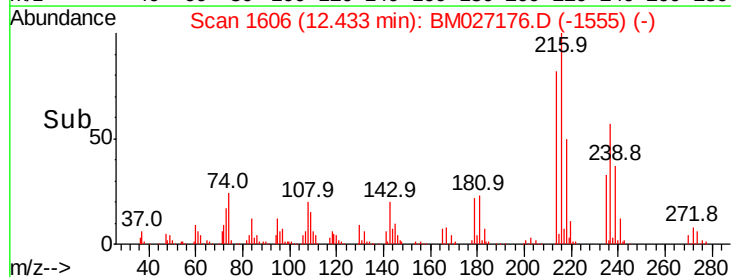
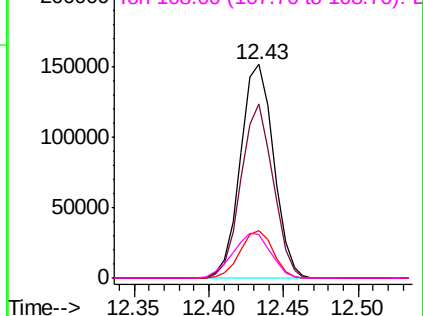
Abundance

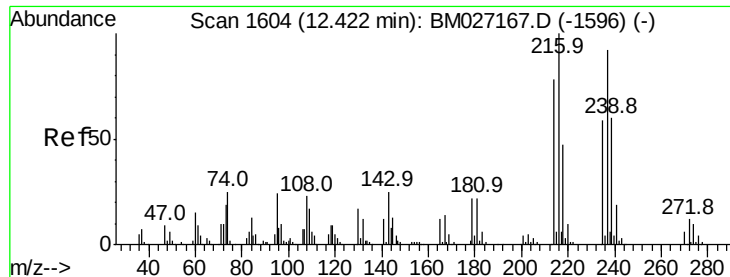
Ion 216.00 (215.70 to 216.70): E

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: 99.156 ng

RT: 12.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

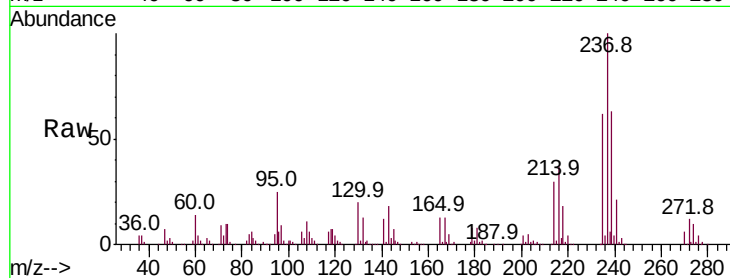
Tot Ion:237 Resp: 348918

Ion Ratio Lower Upper

237 100

235 61.6 44.0 84.0

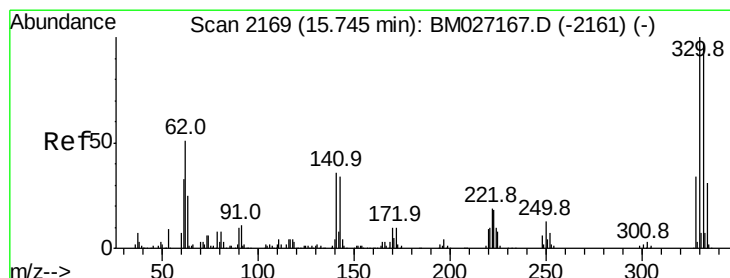
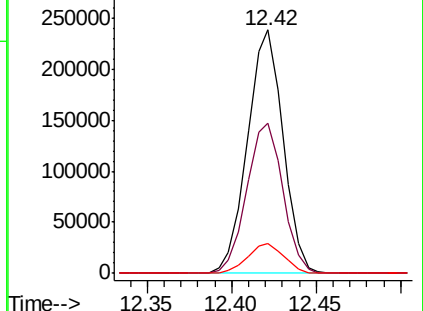
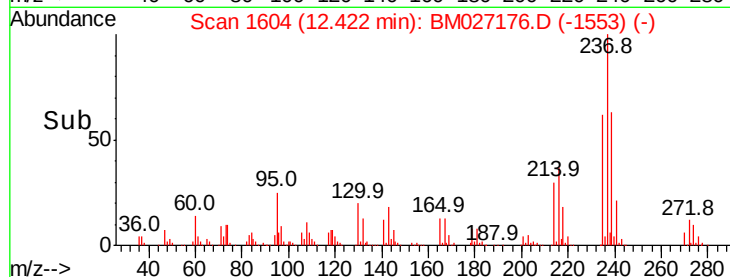
272 12.5 0.0 33.4



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: 95.786 ng

RT: 15.75 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

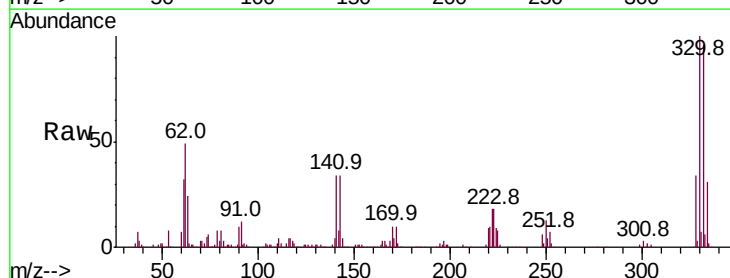
Tgt Ion:330 Resp: 280387

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

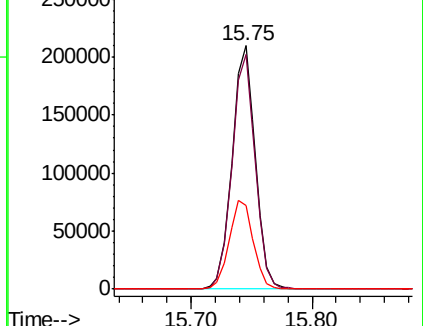
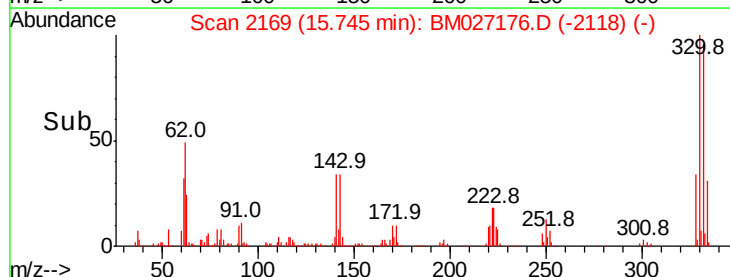
141 37.9 31.0 46.6

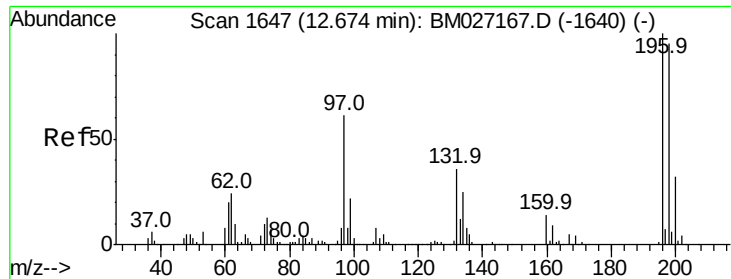


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

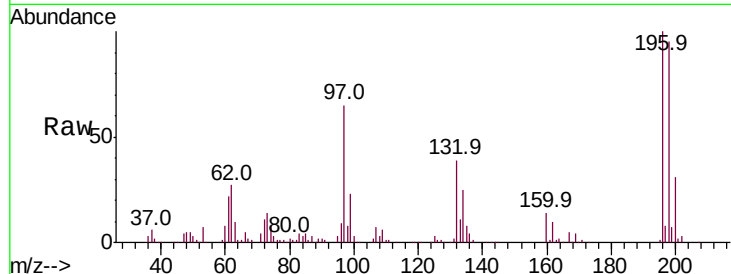




#43
 2,4,6-Trichlorophenol
 Concen: 34.853 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB131109BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.1	114.1
200	31.3	25.6	38.4

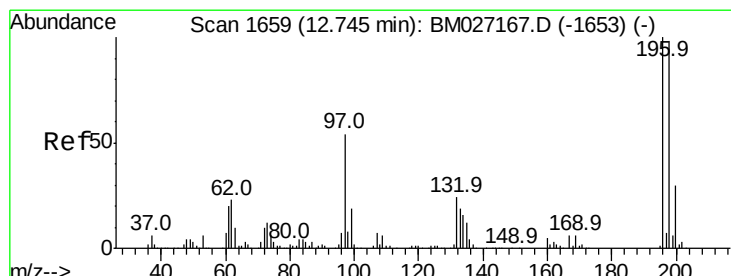
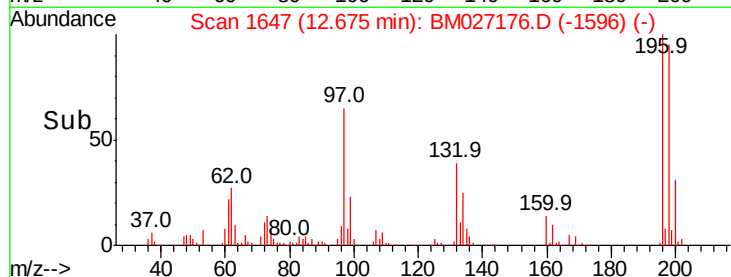
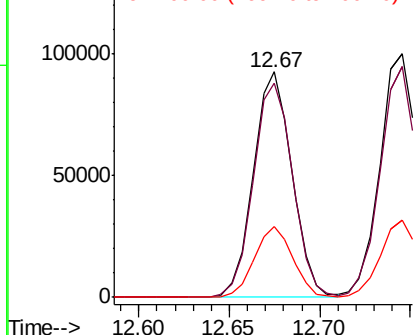


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.882 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.2	117.4
97	53.2	43.5	65.3
132	23.1	19.0	28.6

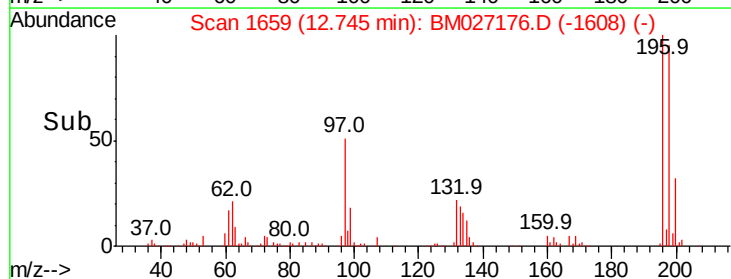
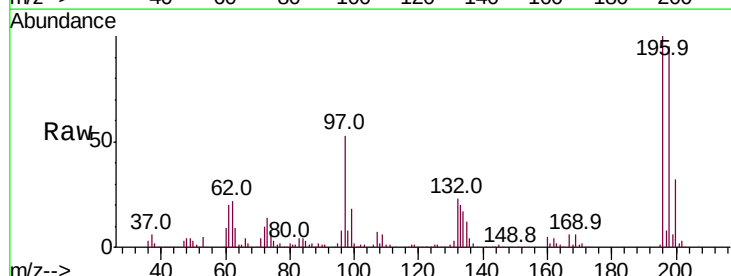
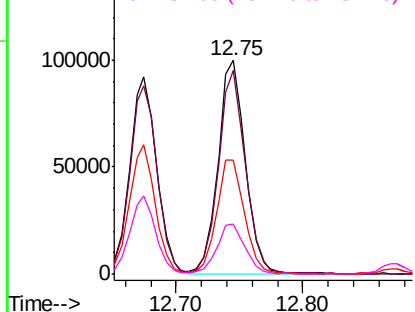
Abundance

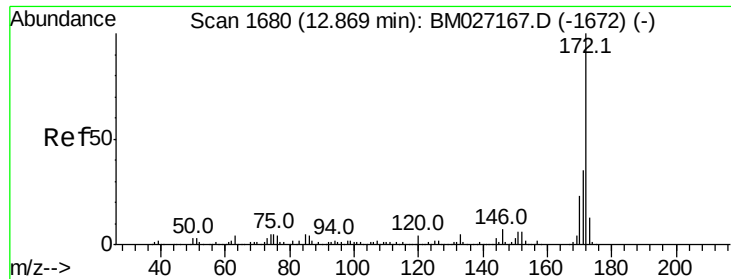
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



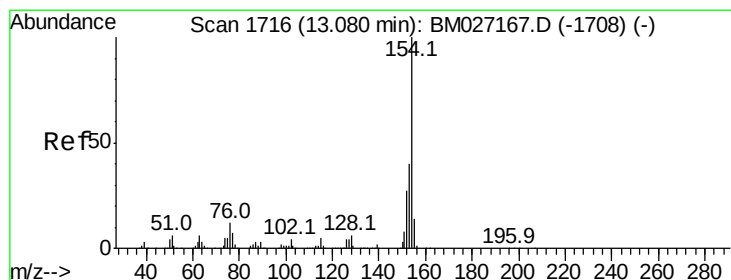
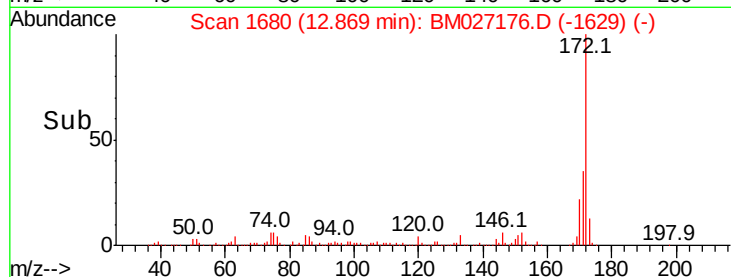
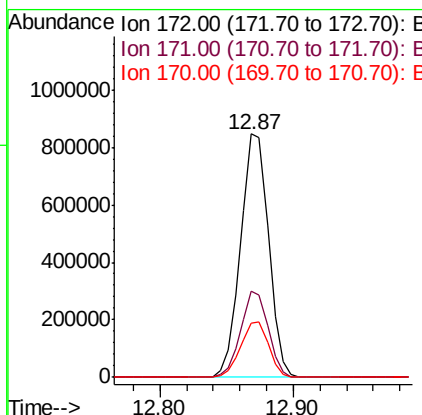
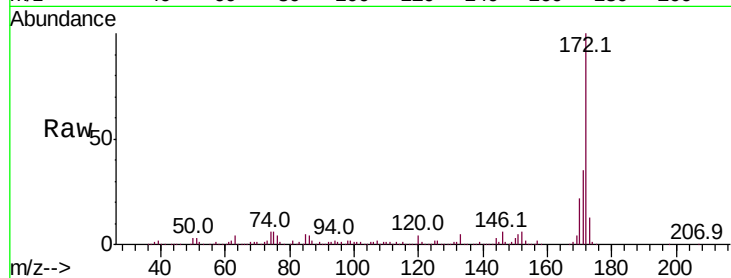


#45
2-Fluorobiphenyl
Concen: 89.138 ng
RT: 12.87 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Instrument :
BNA_M
ClientSampleId :
PB131109BS

Tot Ion:172 Resp: 1226626

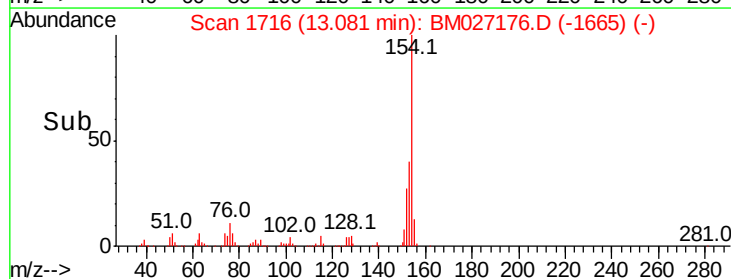
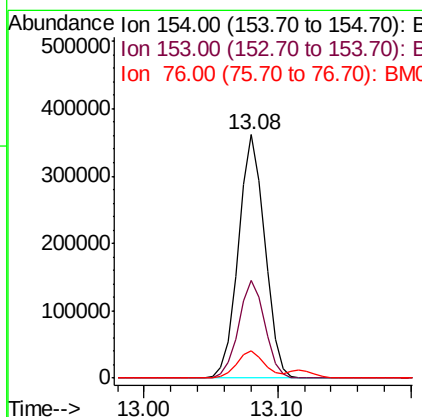
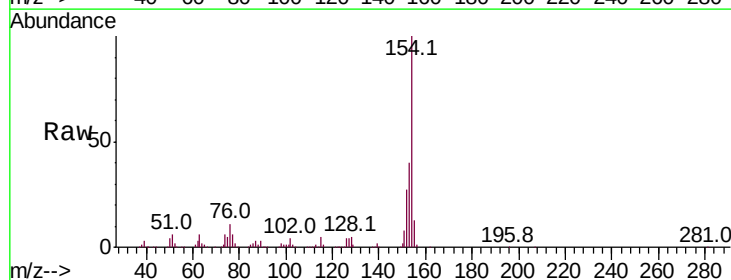
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	22.5	18.6	28.0

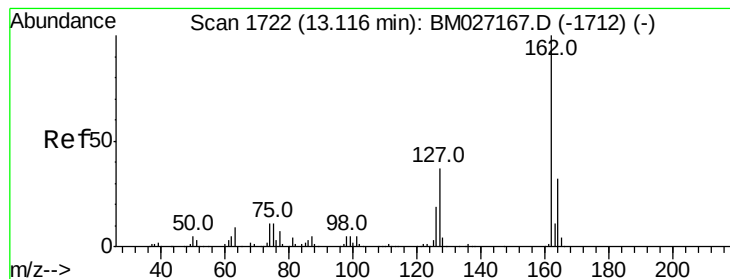


#46
1,1'-Biphenyl
Concen: 36.439 ng
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt Ion:154 Resp: 493700

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.2	60.2
76	11.3	0.0	31.7





#47

2-Chloronaphthalene

Concen: 33.824 ng

RT: 13.12 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

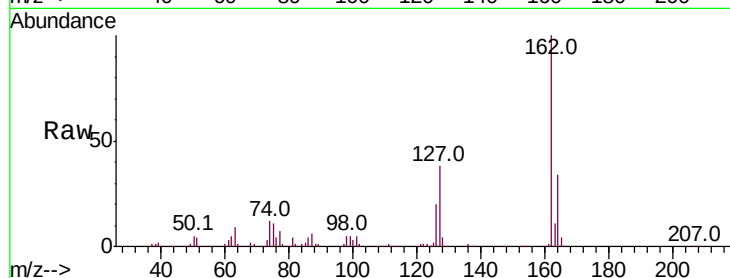
Tot Ion:162 Resp: 390724

Ion Ratio Lower Upper

162 100

127 38.0 30.2 45.2

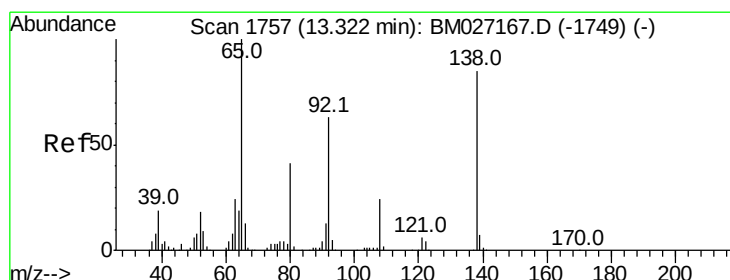
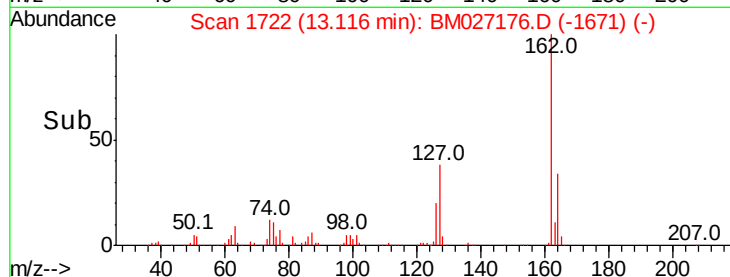
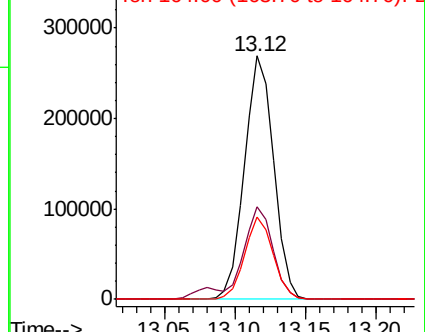
164 33.8 25.6 38.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 32.387 ng

RT: 13.32 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

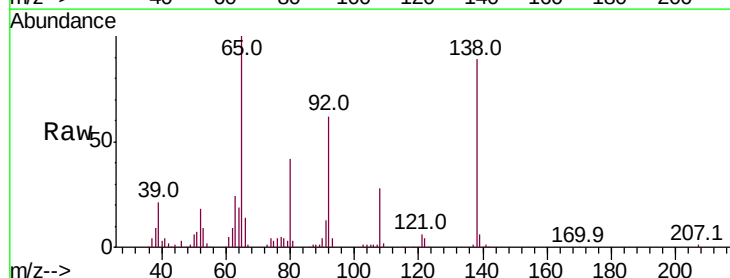
Tgt Ion: 65 Resp: 119401

Ion Ratio Lower Upper

65 100

92 61.5 50.4 75.6

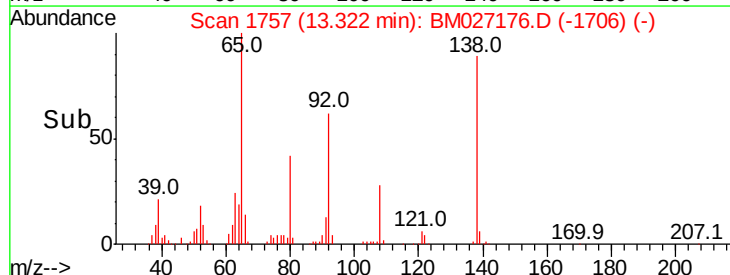
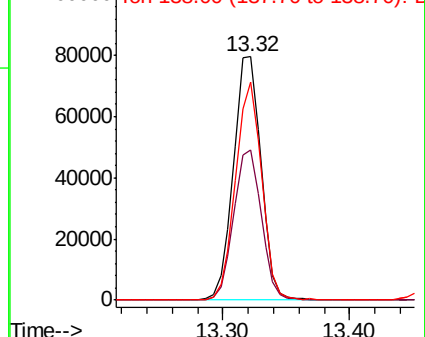
138 89.4 68.1 102.1

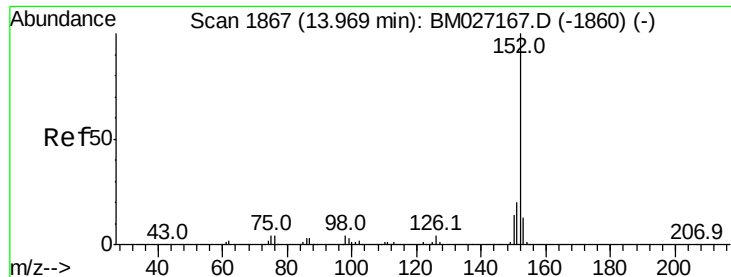


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.188 ng

RT: 13.97 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

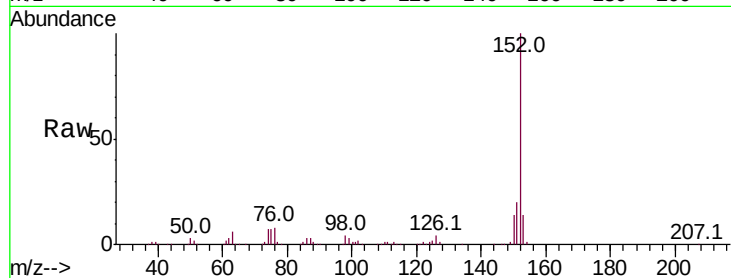
Tot Ion:152 Resp: 597416

Ion Ratio Lower Upper

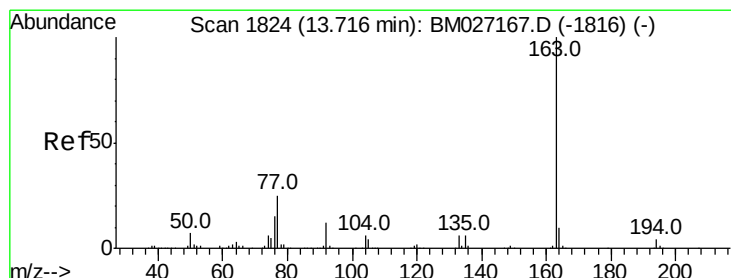
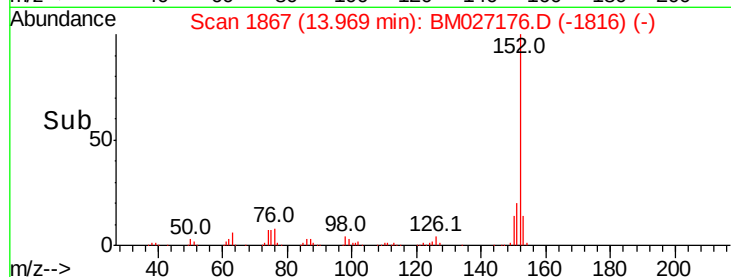
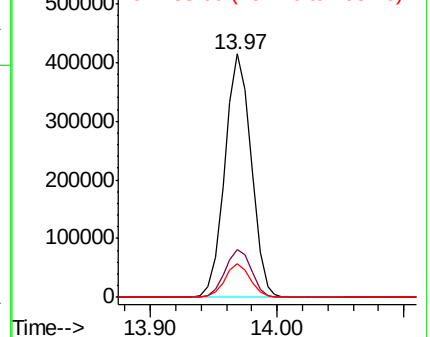
152 100

151 19.8 16.1 24.1

153 13.6 10.5 15.7



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: 32.983 ng

RT: 13.72 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

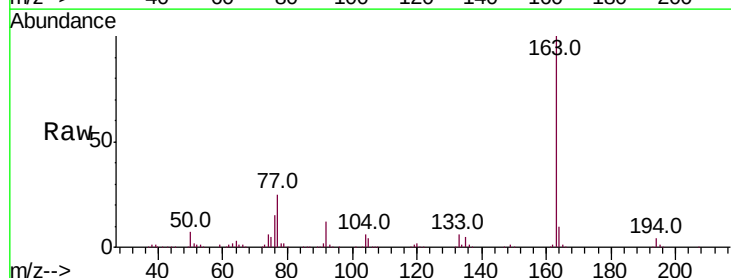
Tgt Ion:163 Resp: 484058

Ion Ratio Lower Upper

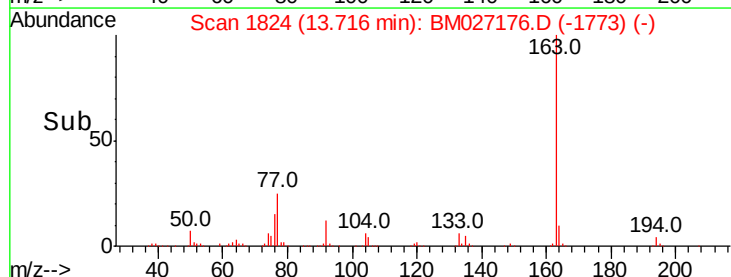
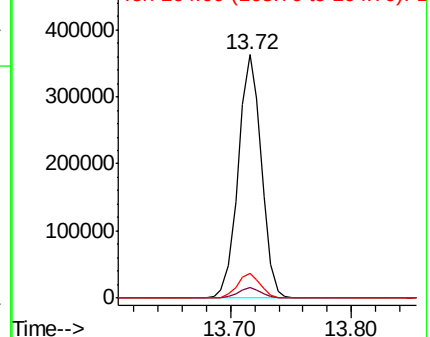
163 100

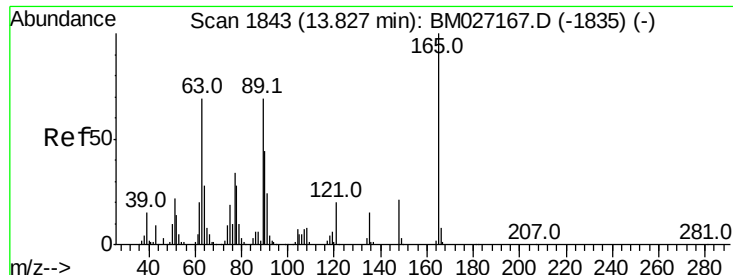
194 4.3 3.4 5.2

164 10.1 8.2 12.2



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

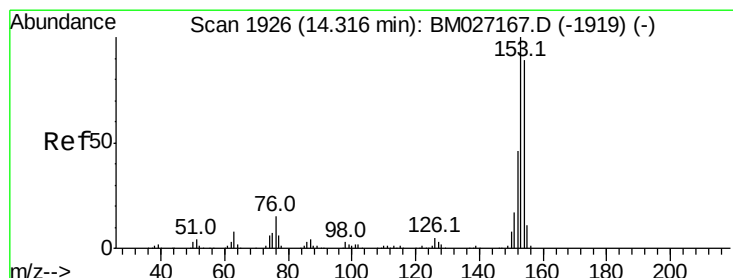
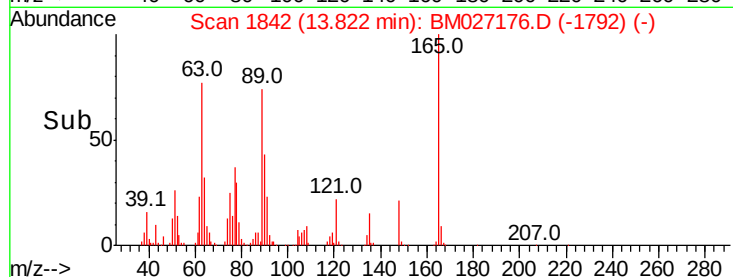
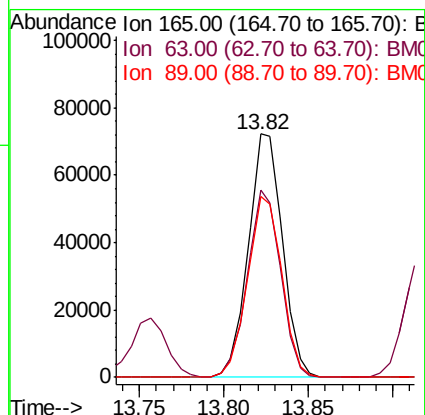
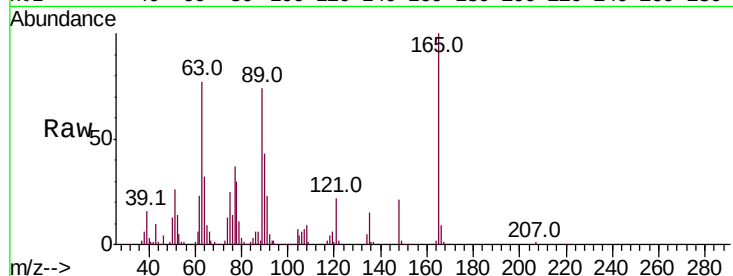




#51
2,6-Dinitrotoluene
Concen: 34.825 ng
RT: 13.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

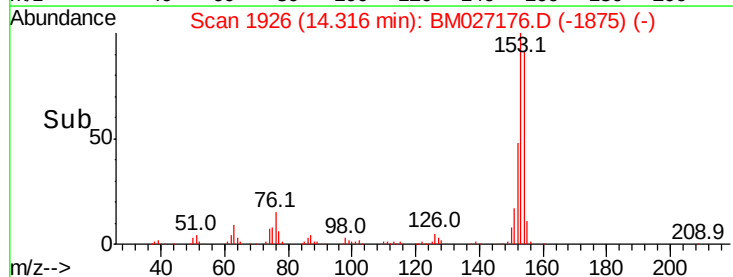
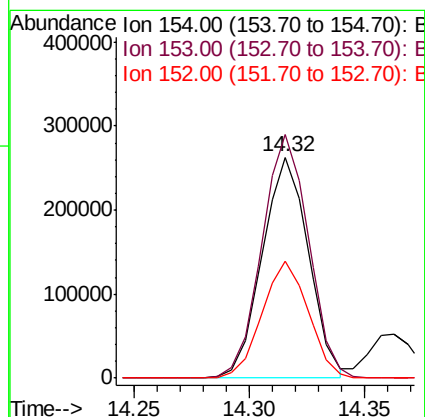
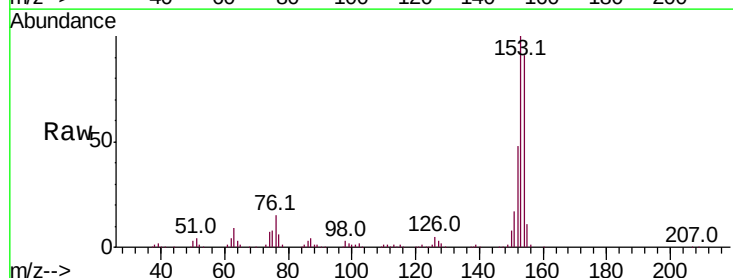
Instrument :
BNA_M
ClientSampleId :
PB131109BS

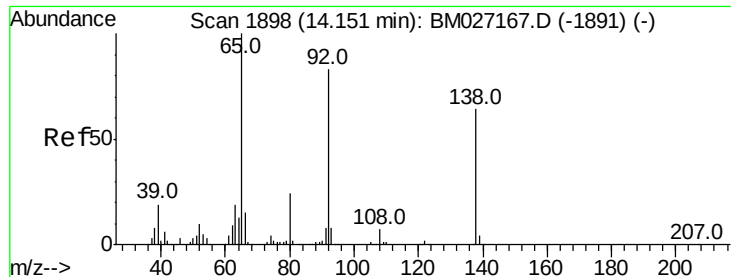
Tot Ion	Ratio	Lower	Upper
165	100		
63	77.1	56.2	84.4
89	74.2	55.3	82.9



#52
Acenaphthene
Concen: 35.939 ng
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.2	135.4
152	52.6	41.2	61.8





#53

3-Nitroaniline

Concen: 21.877 ng

RT: 14.15 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

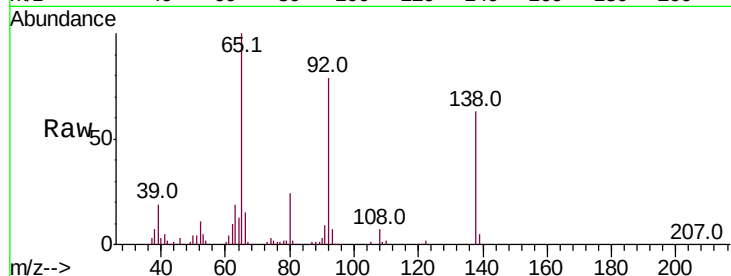
Tot Ion:138 Resp: 61572

Ion Ratio Lower Upper

138 100

108 10.9 8.3 12.5

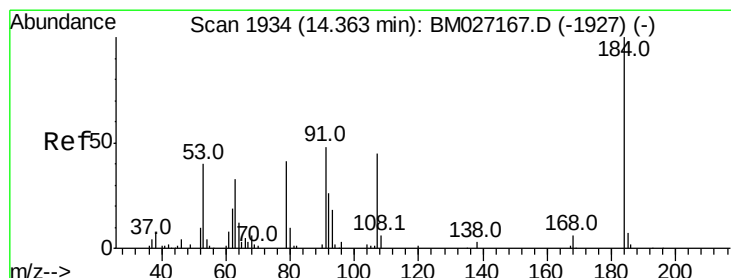
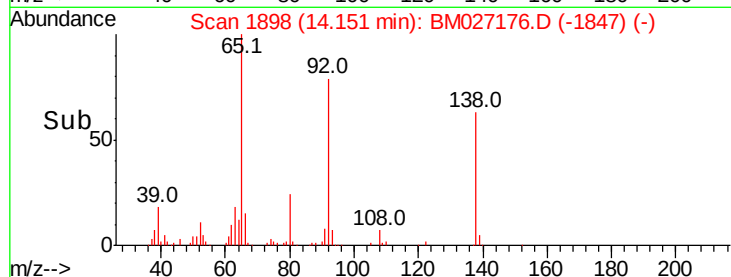
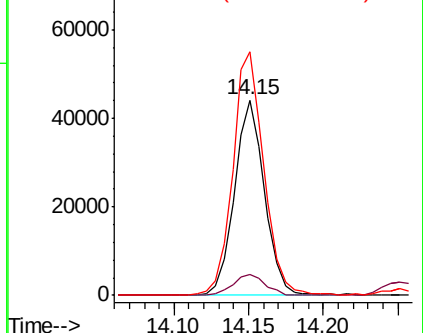
92 124.8 103.4 155.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 71.570 ng

RT: 14.36 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

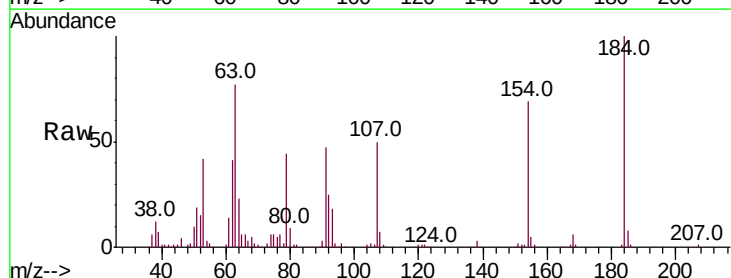
Tgt Ion:184 Resp: 109045

Ion Ratio Lower Upper

184 100

63 76.8 62.6 94.0

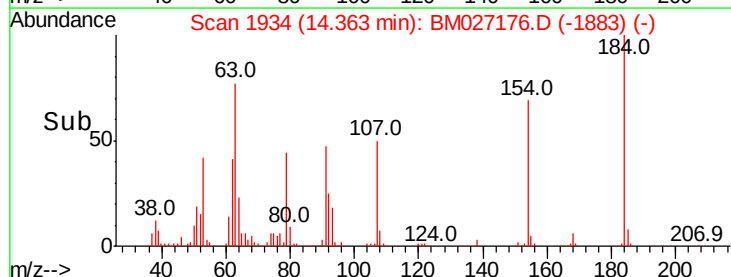
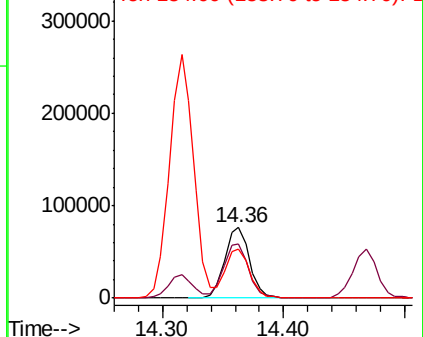
154 69.2 58.7 88.1

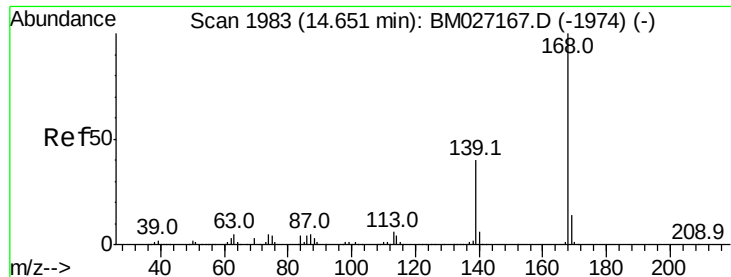


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.784 ng

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

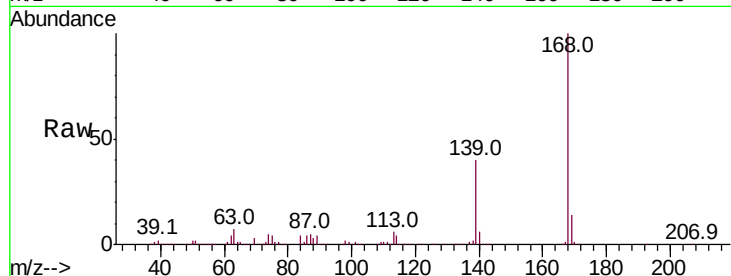
Tot Ion:168 Resp: 624895

Ion Ratio Lower Upper

168 100

139 39.6 32.4 48.6

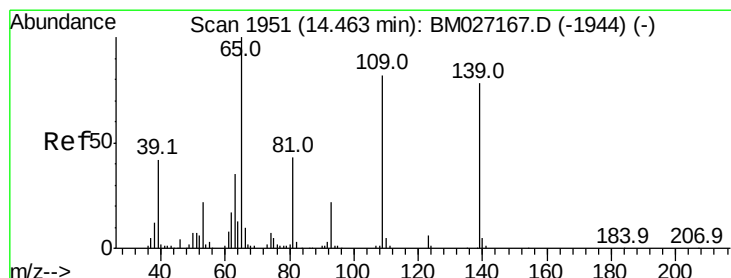
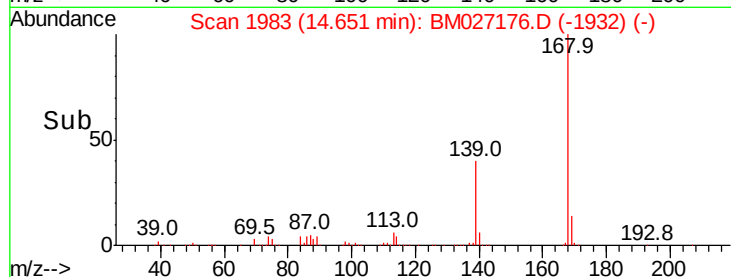
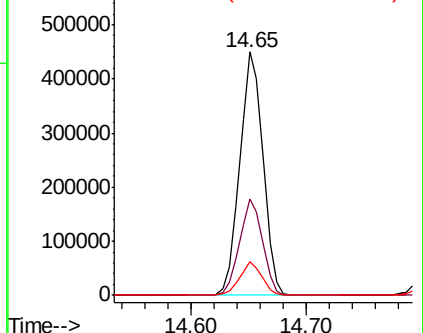
169 13.9 10.9 16.3



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: 71.980 ng

RT: 14.47 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

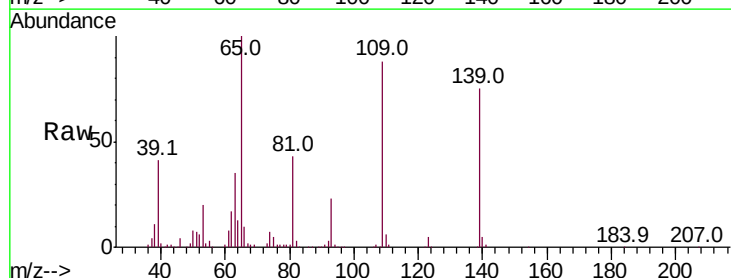
Tgt Ion:139 Resp: 161669

Ion Ratio Lower Upper

139 100

109 116.3 85.4 125.4

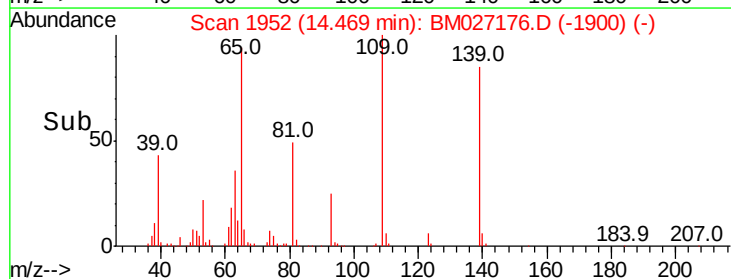
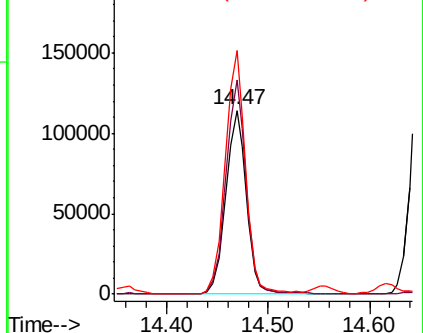
65 132.5 108.7 148.7

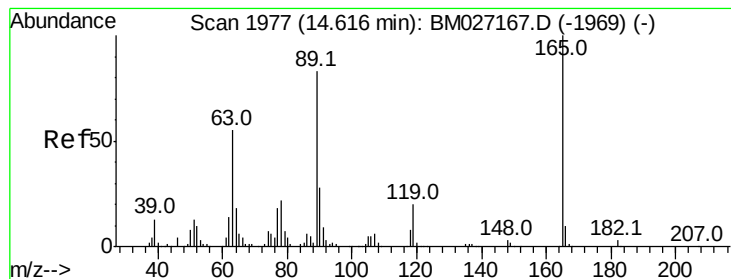


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 35.962 ng

RT: 14.62 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

Tot Ion:165 Resp: 145800

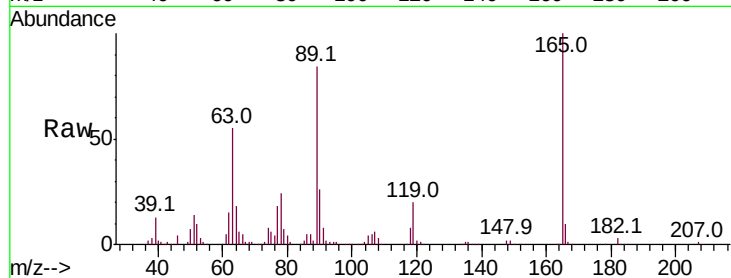
Ion Ratio Lower Upper

165 100

63 54.7 43.8 65.6

89 83.7 66.2 99.2

182 3.1 2.1 3.1

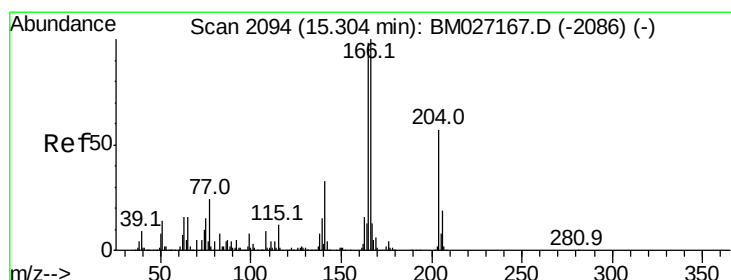
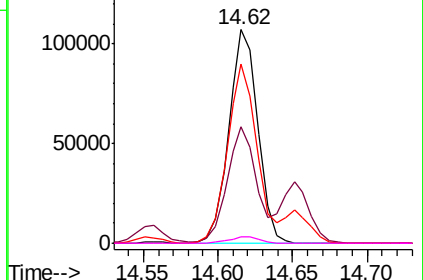
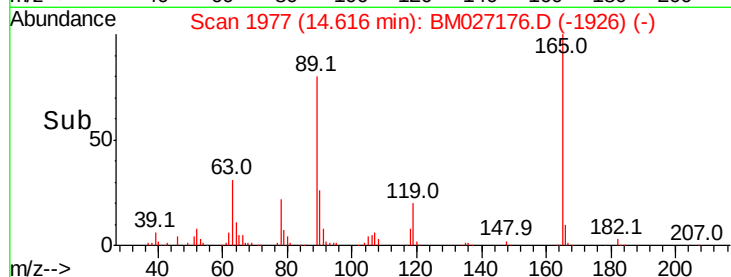


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.151 ng

RT: 15.30 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

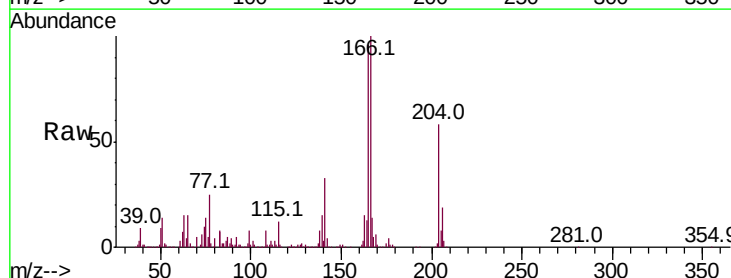
Tgt Ion:166 Resp: 507026

Ion Ratio Lower Upper

166 100

165 96.3 78.3 117.5

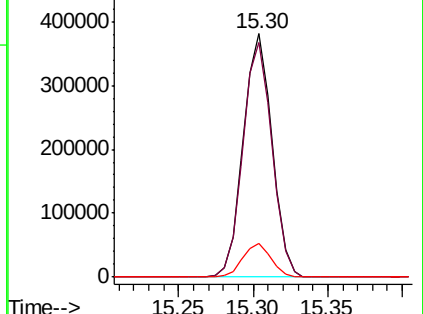
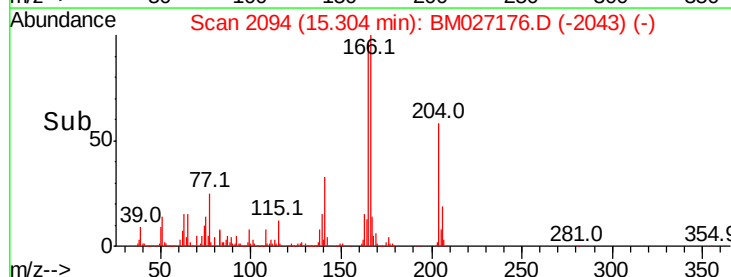
167 13.7 10.7 16.1

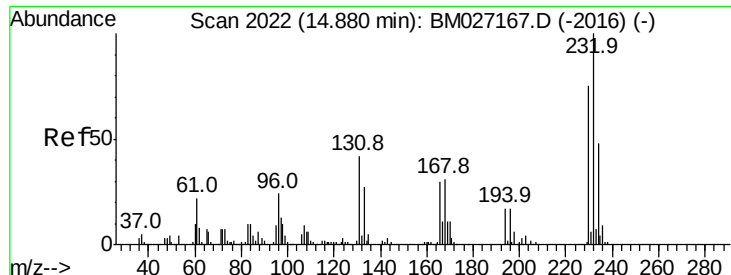


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.774 ng

RT: 14.88 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

Tot Ion:232 Resp: 150160

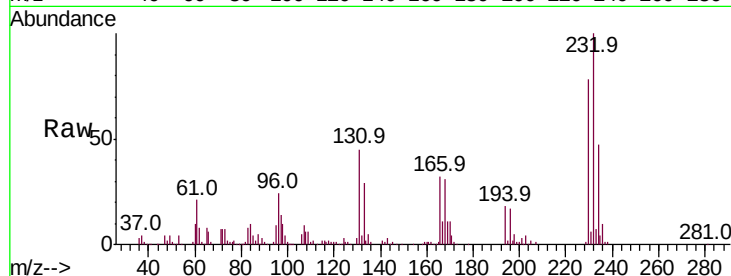
Ion Ratio Lower Upper

232 100

131 42.7 34.0 51.0

130 2.6 2.1 3.1

166 30.9 25.0 37.4

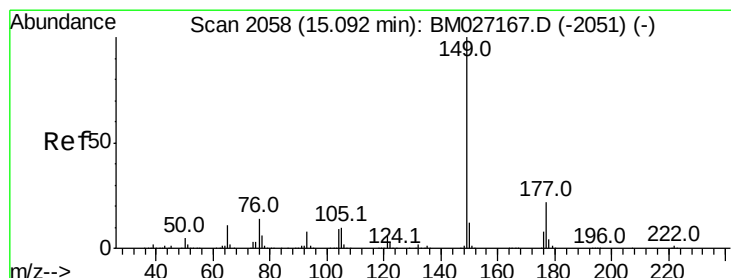
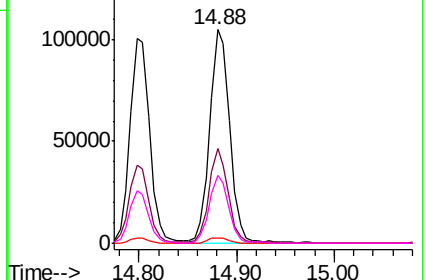
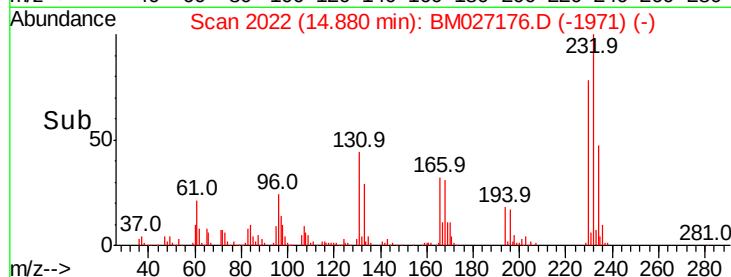


Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.200 ng

RT: 15.09 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

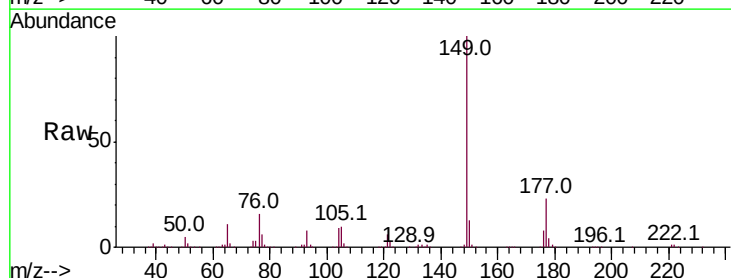
Tgt Ion:149 Resp: 497940

Ion Ratio Lower Upper

149 100

177 22.9 17.5 26.3

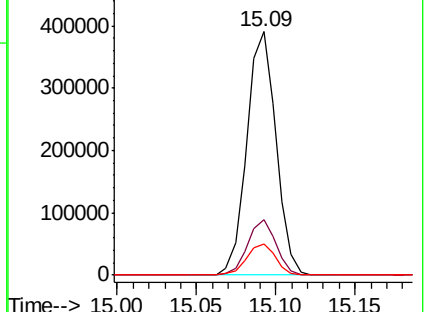
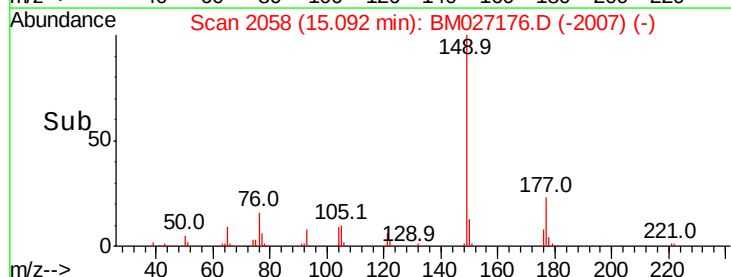
150 12.7 9.8 14.8

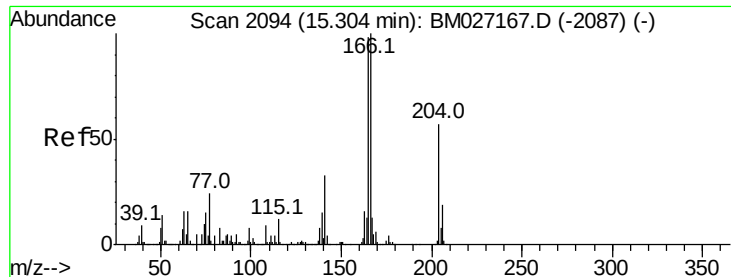


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

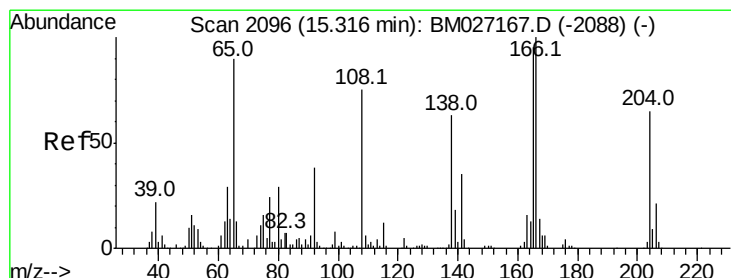
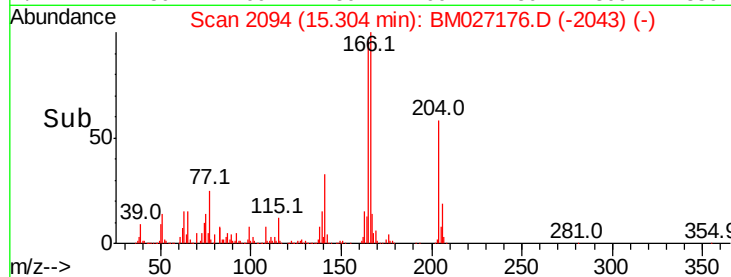
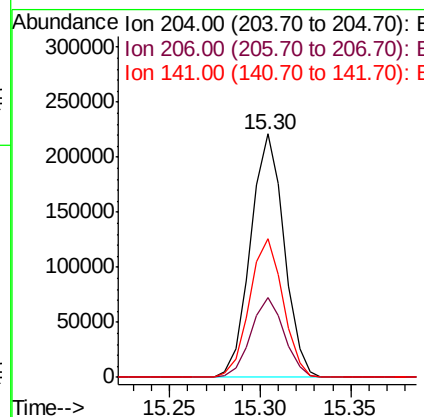
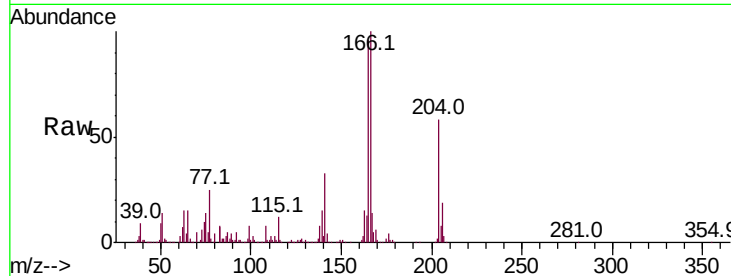




#61
4-Chlorophenyl-phenylether
Concen: 35.325 ng
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

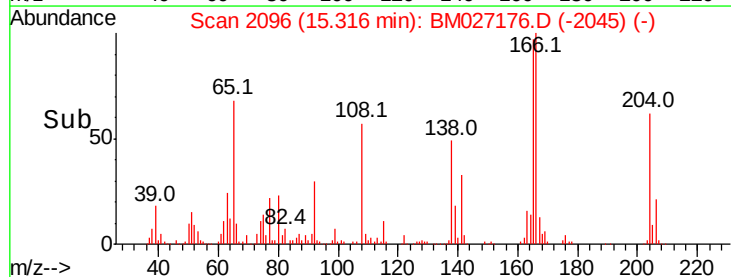
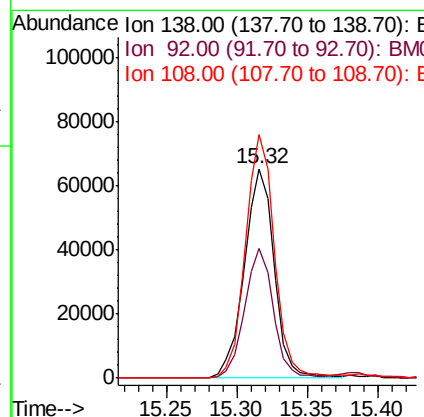
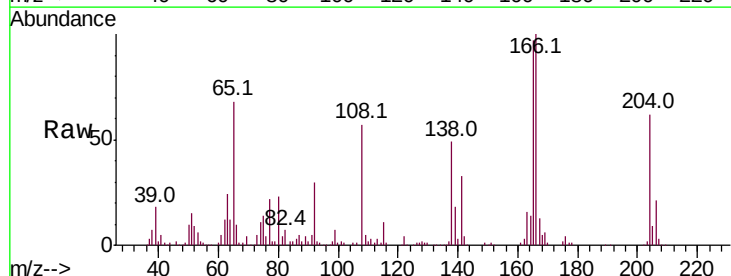
Instrument :
BNA_M
ClientSampleId :
PB131109BS

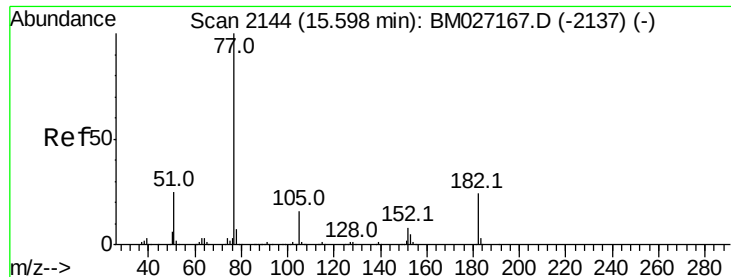
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	56.8	46.2	69.4



#62
4-Nitroaniline
Concen: 30.712 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.9	40.0	80.0
108	116.4	100.6	140.6

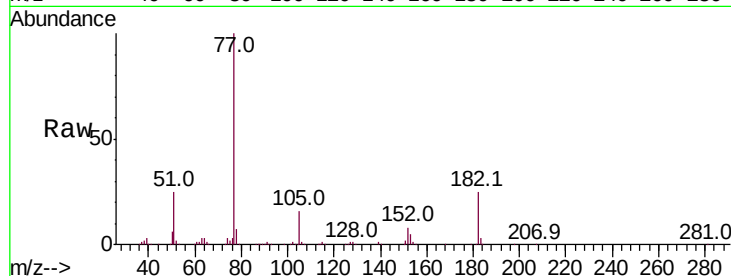




#63
Azobenzene
Concen: 37.312 ng
RT: 15.60 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Instrument :
BNA_M
ClientSampleId :
PB131109BS

Tot Ion:	77	Resp:	557348
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.0	44.0
105	16.3	0.0	36.0
51	25.0	5.0	45.0

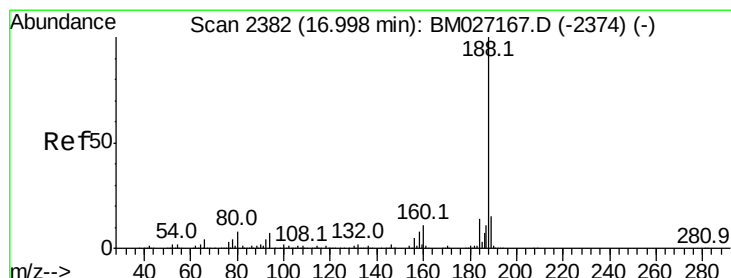
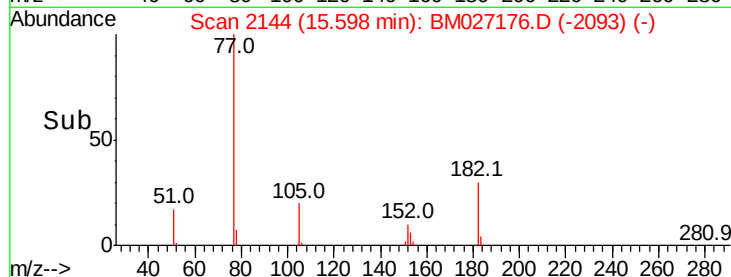
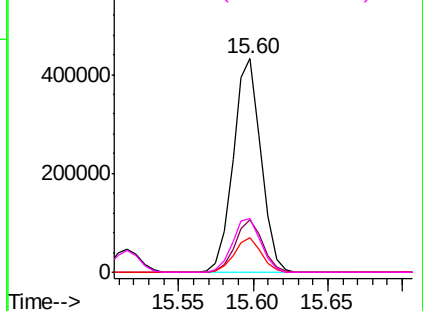


Abundance Ion 77.00 (76.70 to 77.70): BM027176.D (-2137) (-)

Ion 182.00 (181.70 to 182.70): BM027176.D (-2137) (-)

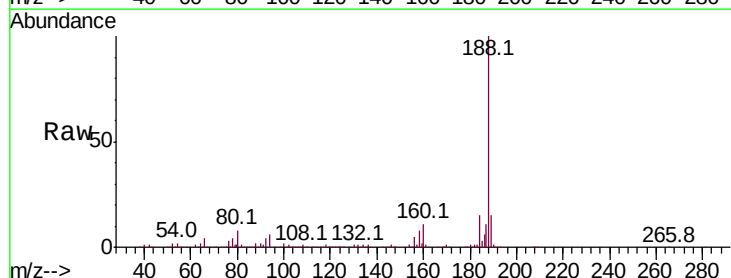
Ion 105.00 (104.70 to 105.70): BM027176.D (-2137) (-)

Ion 51.00 (50.70 to 51.70): BM027176.D (-2137) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

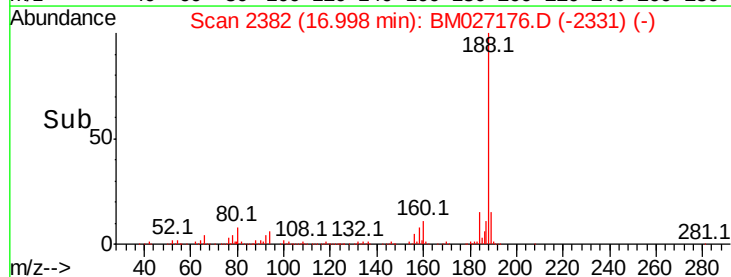
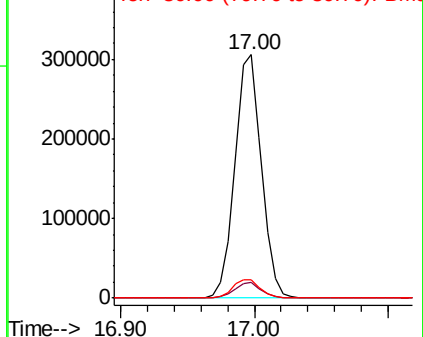
Tgt Ion:	188	Resp:	421297
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.5	8.3
80	7.5	6.2	9.4

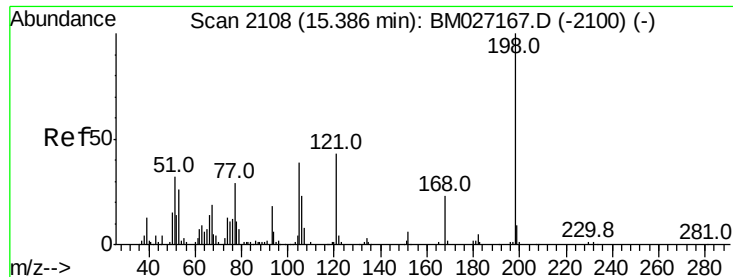


Abundance Ion 188.00 (187.70 to 188.70): BM027176.D (-2374) (-)

Ion 94.00 (93.70 to 94.70): BM027176.D (-2374) (-)

Ion 80.00 (79.70 to 80.70): BM027176.D (-2374) (-)

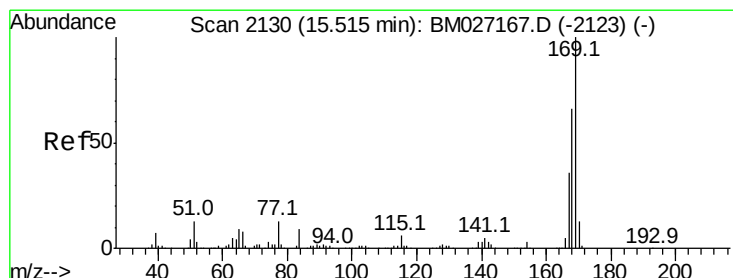
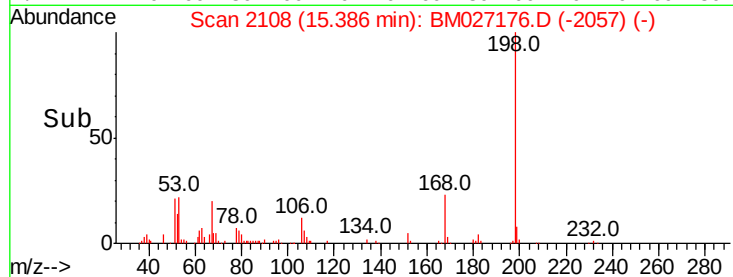
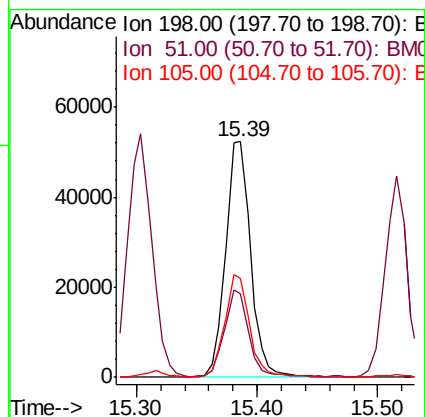
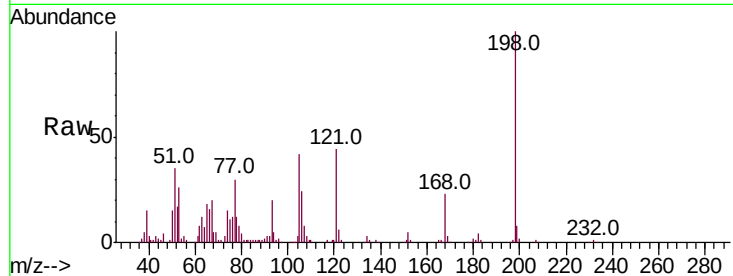




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.363 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

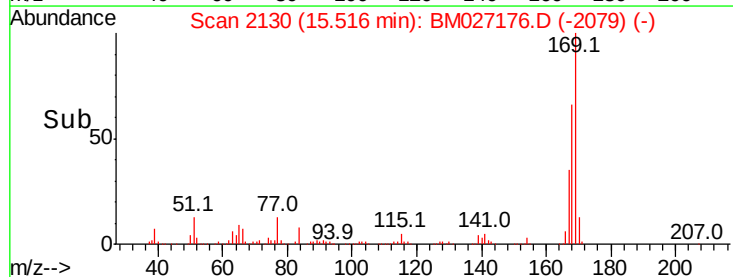
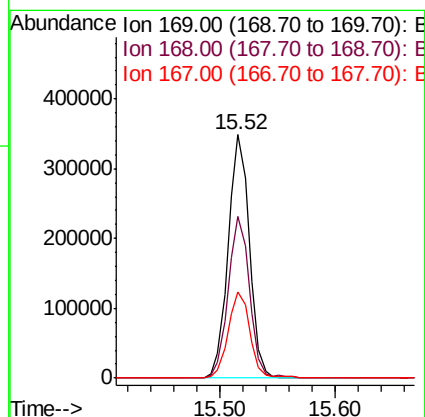
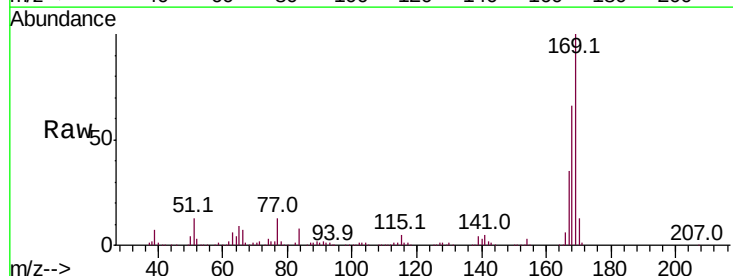
Instrument :
 BNA_M
 ClientSampleId :
 PB131109BS

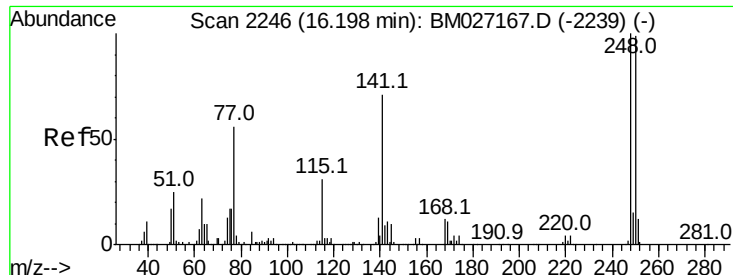
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.4	12.1	52.1
105	42.0	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 36.943 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	52.9	79.3
167	35.5	28.5	42.7

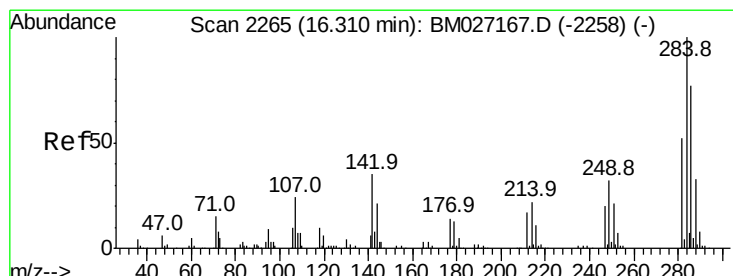
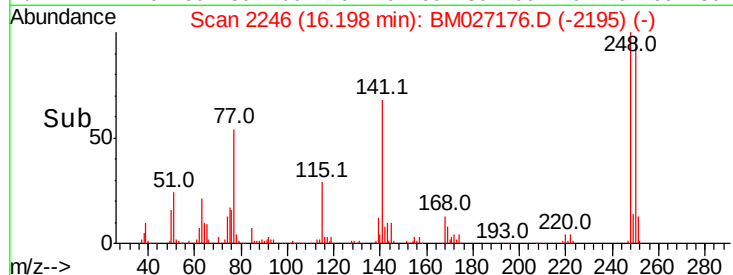
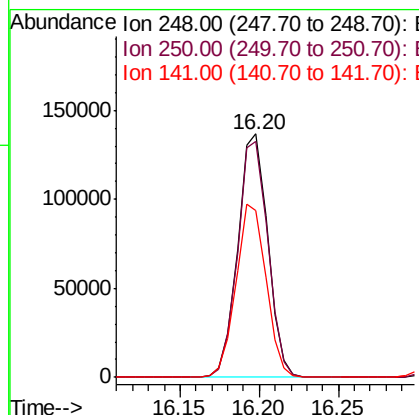
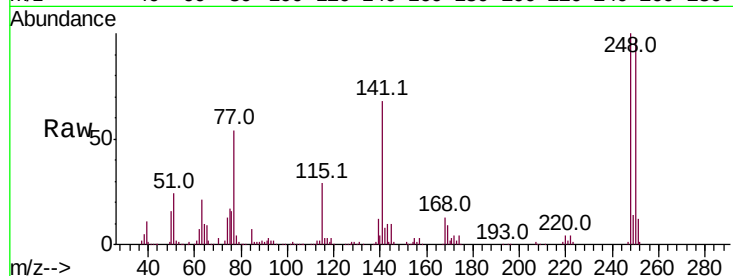




#67
 4-Bromophenyl-phenylether
 Concen: 35.179 ng
 RT: 16.20 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

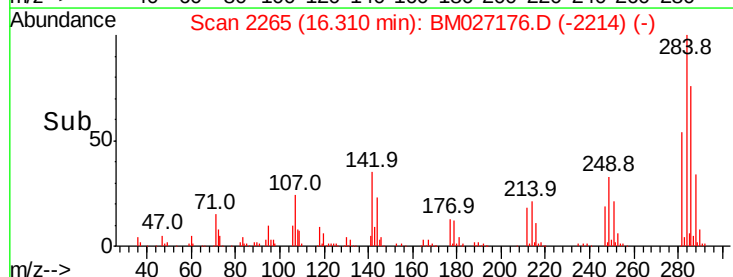
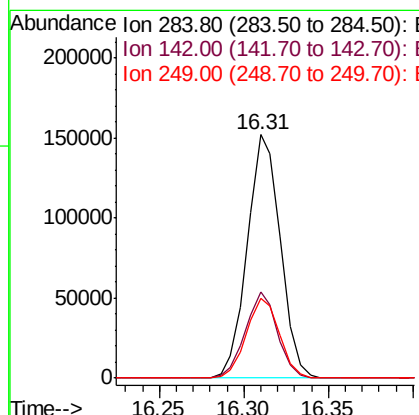
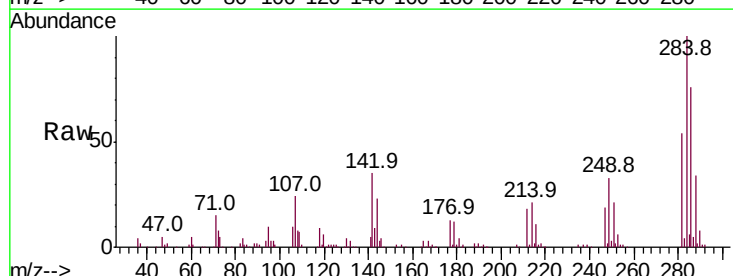
Instrument :
 BNA_M
 ClientSampleId :
 PB131109BS

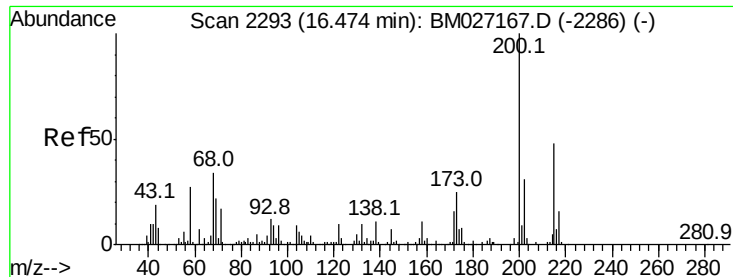
Tot Ion:	248	Resp:	178941
Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.1	118.7
141	68.4	56.9	85.3



#68
 Hexachlorobenzene
 Concen: 34.376 ng
 RT: 16.31 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

Tgt Ion:	284	Resp:	207654
Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.8	41.6
249	32.6	25.6	38.4





#69

Atrazine

Concen: 31.200 ng

RT: 16.47 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

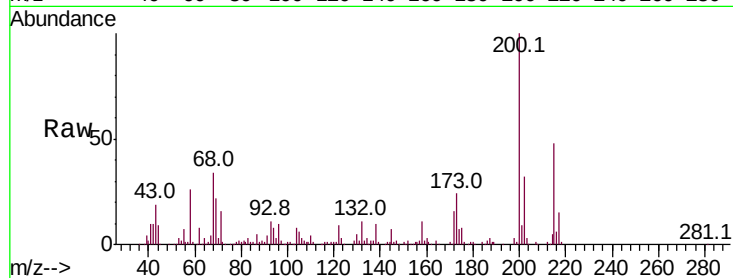
Tot Ion:200 Resp: 141343

Ion Ratio Lower Upper

200 100

173 23.5 4.6 44.6

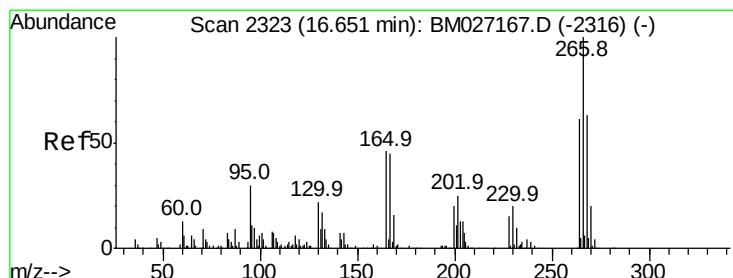
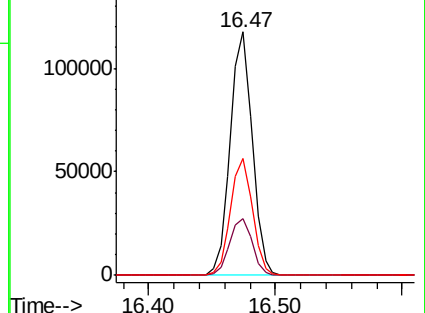
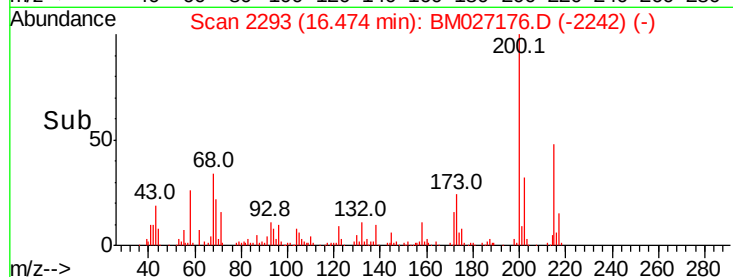
215 47.8 28.5 68.5



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: 77.354 ng

RT: 16.65 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

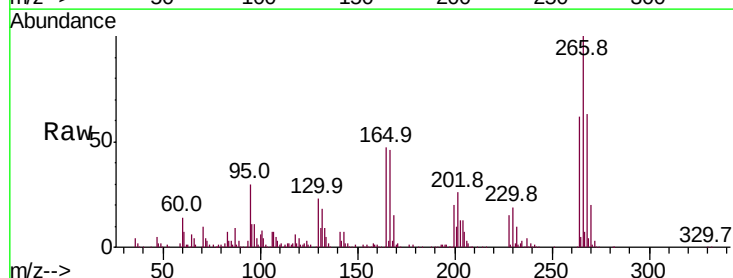
Tgt Ion:266 Resp: 252737

Ion Ratio Lower Upper

266 100

268 63.0 50.2 75.2

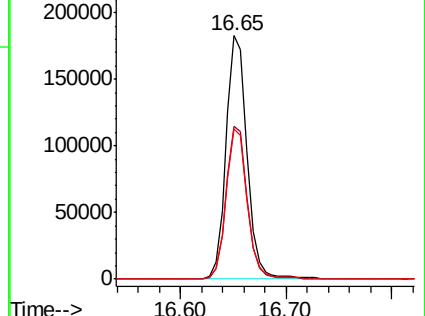
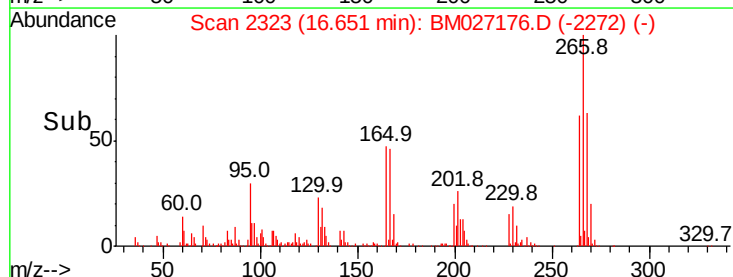
264 61.7 49.1 73.7

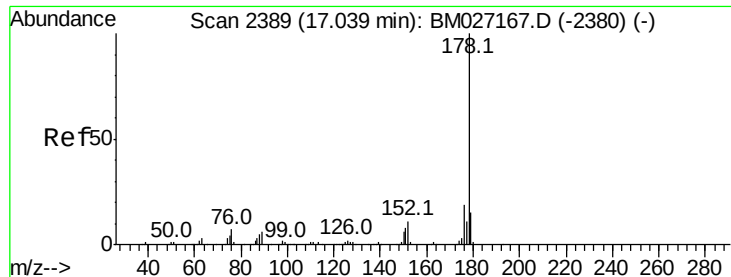


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.103 ng

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

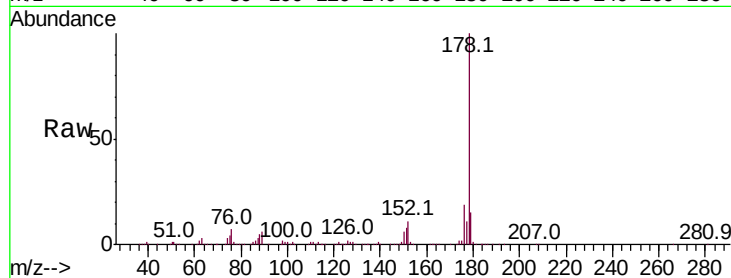
Tot Ion:178 Resp: 822127

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

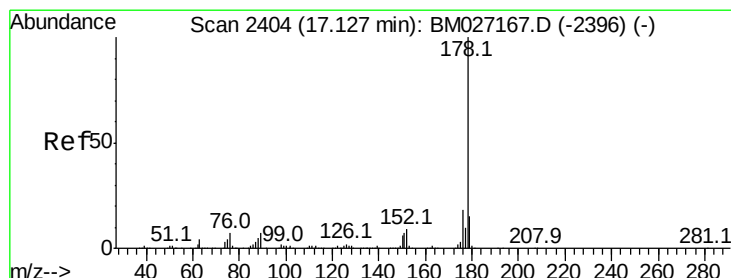
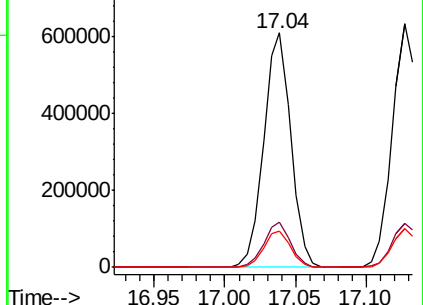
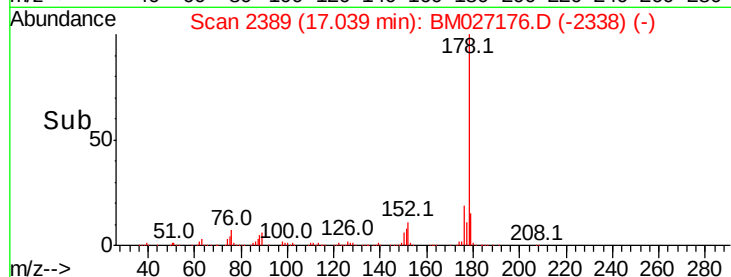
179 15.4 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.728 ng

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

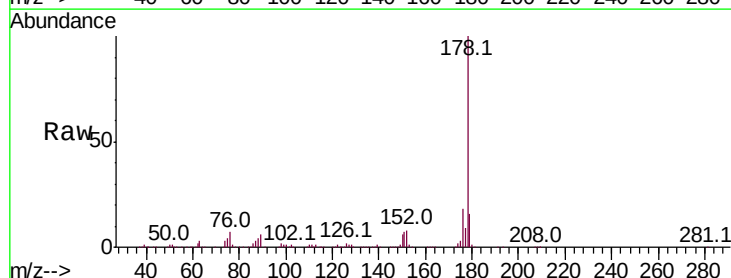
Tgt Ion:178 Resp: 844693

Ion Ratio Lower Upper

178 100

176 17.8 14.7 22.1

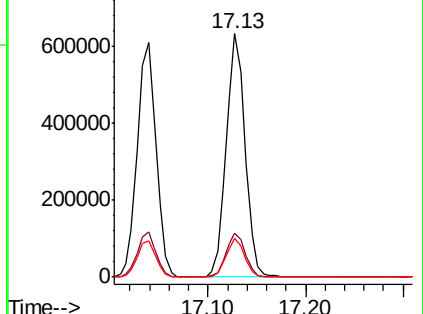
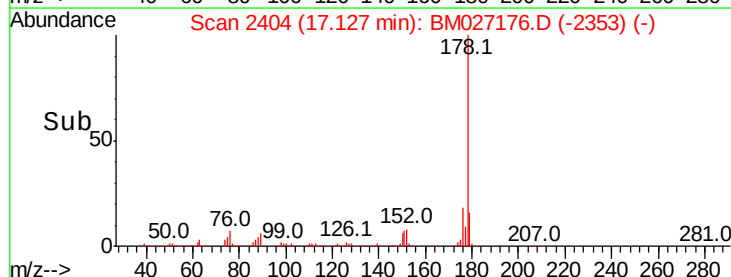
179 15.8 11.9 17.9

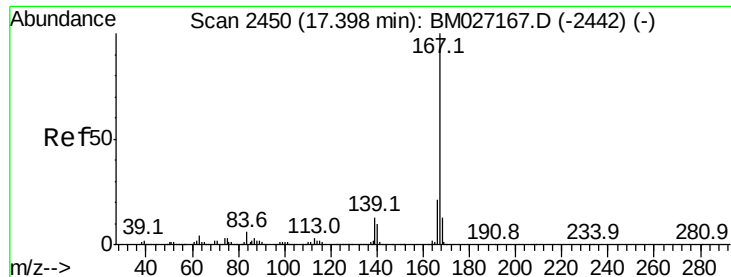


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

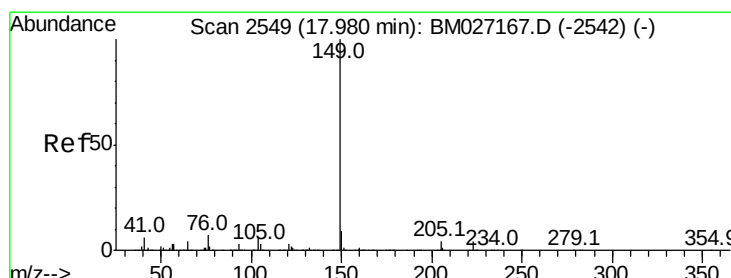
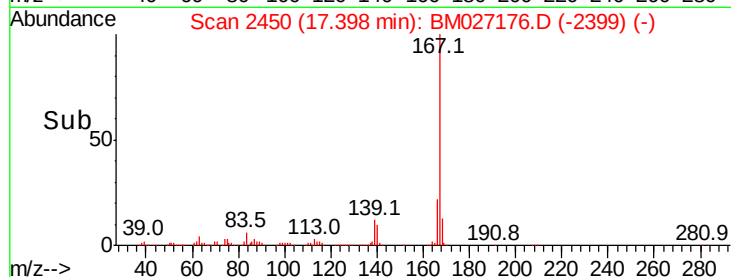
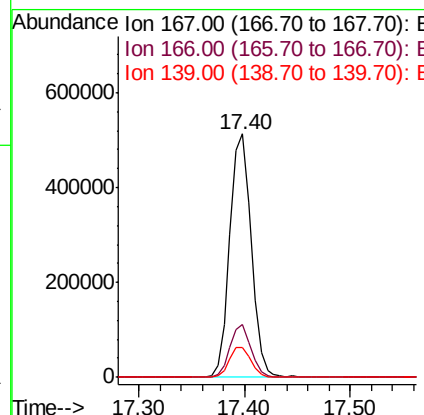
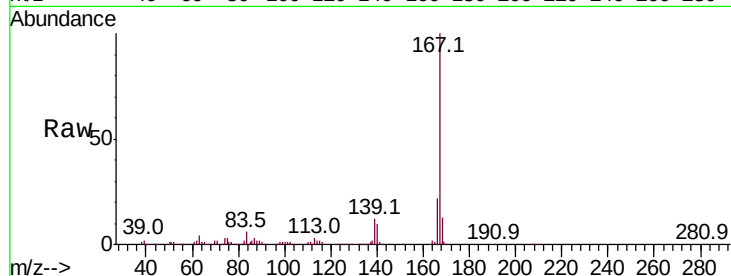




#73
 Carbazole
 Concen: 35.128 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

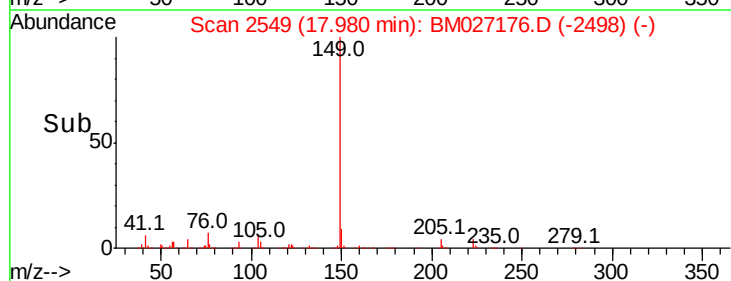
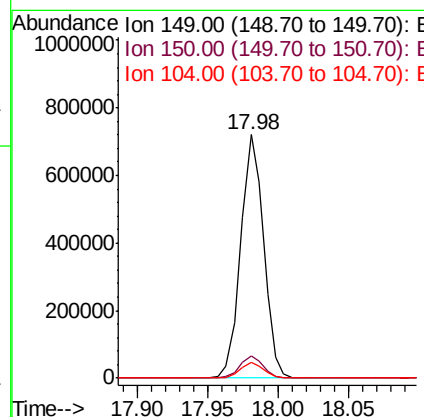
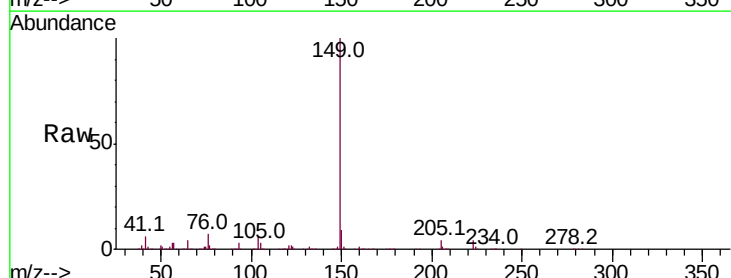
Instrument :
 BNA_M
 ClientSampleId :
 PB131109BS

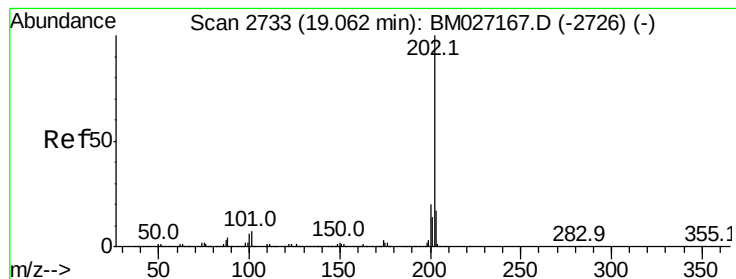
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.6	24.8
139	12.3	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 34.292 ng
 RT: 17.98 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	6.2	5.2	7.8





#75

Fluoranthene

Concen: 33.018 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

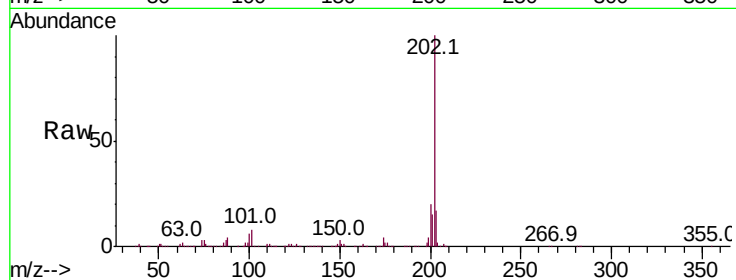
Tot Ion:202 Resp: 965978

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.2

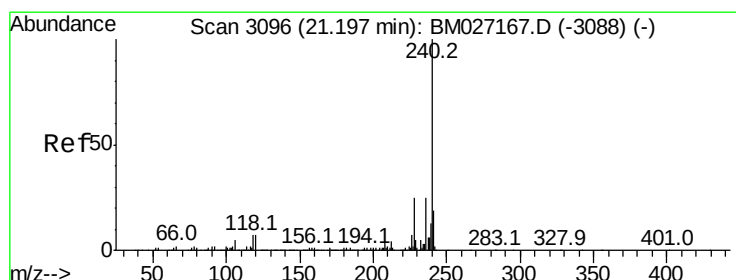
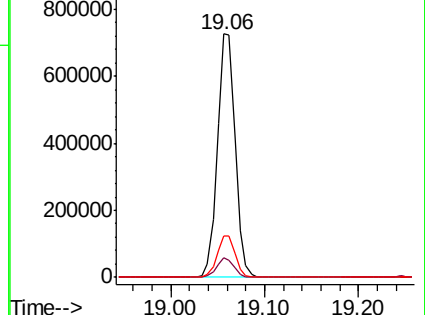
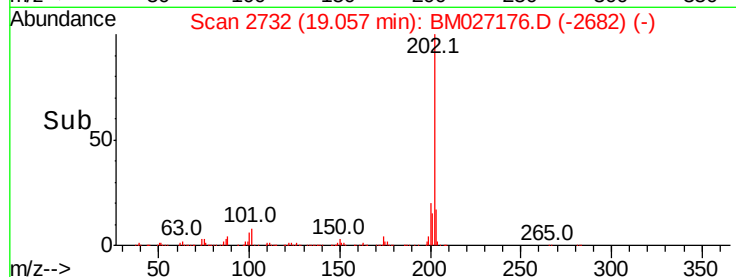
203 17.2 0.0 37.1



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: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

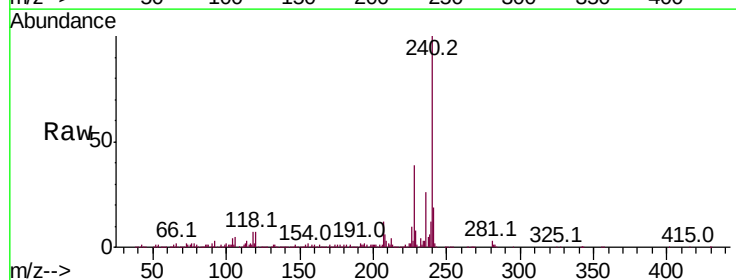
Tgt Ion:240 Resp: 429376

Ion Ratio Lower Upper

240 100

120 7.5 5.6 8.4

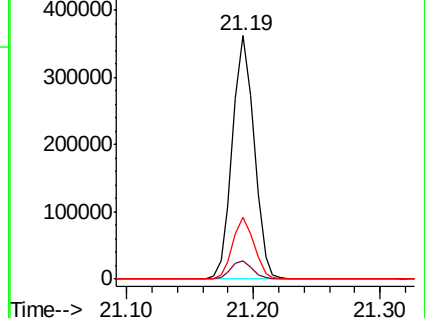
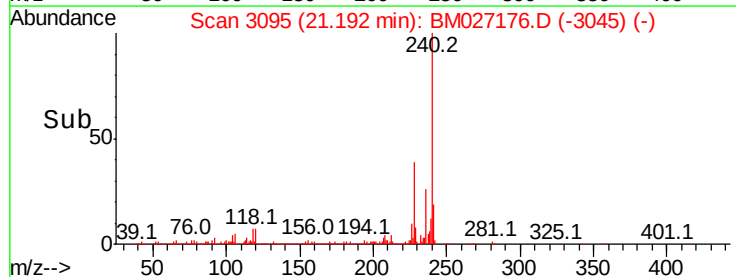
236 25.5 19.8 29.6

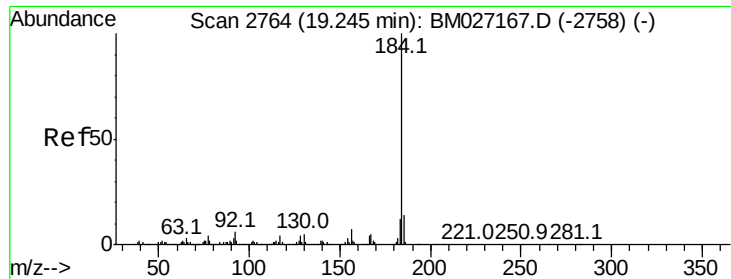


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.332 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

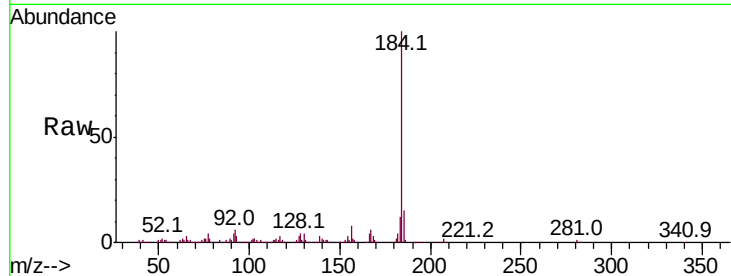
Tot Ion:184 Resp: 464243

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

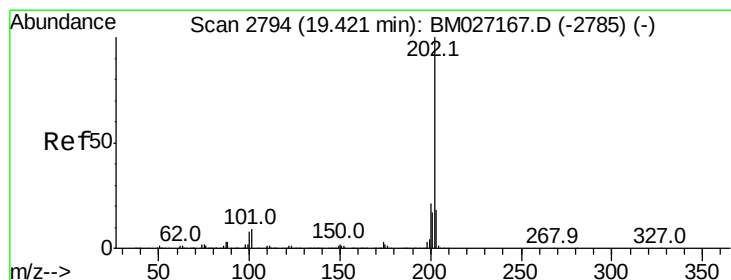
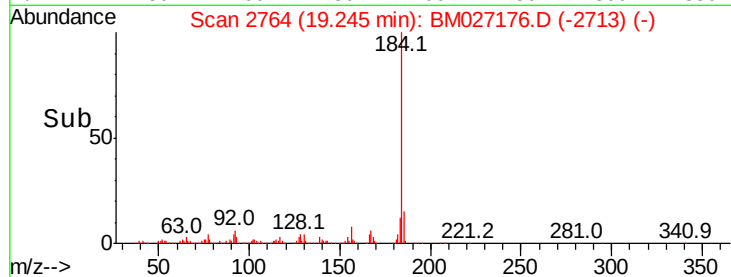
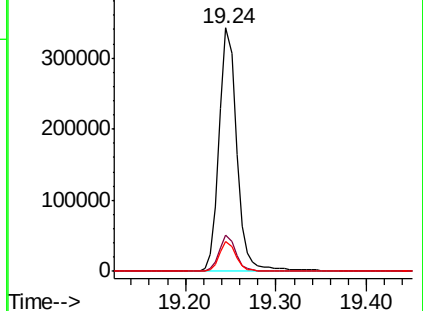
183 12.1 9.4 14.0



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: 38.548 ng

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

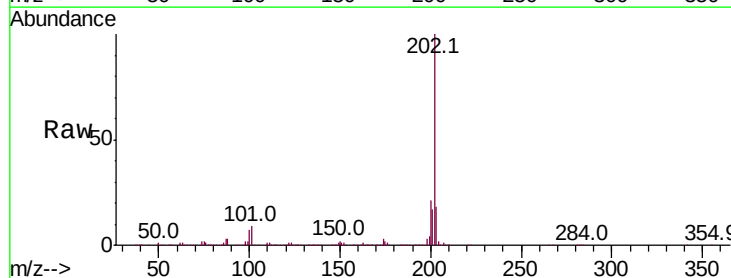
Tgt Ion:202 Resp: 1007151

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

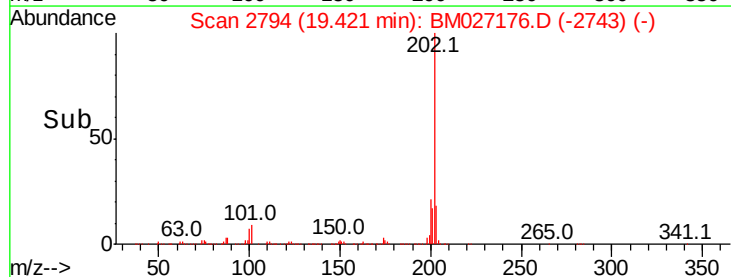
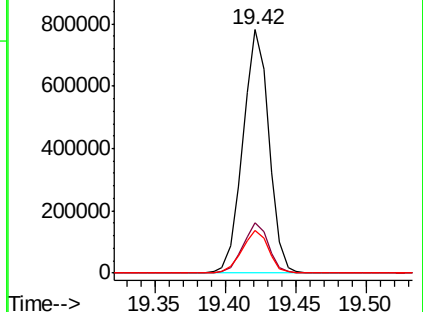
203 17.7 14.0 21.0

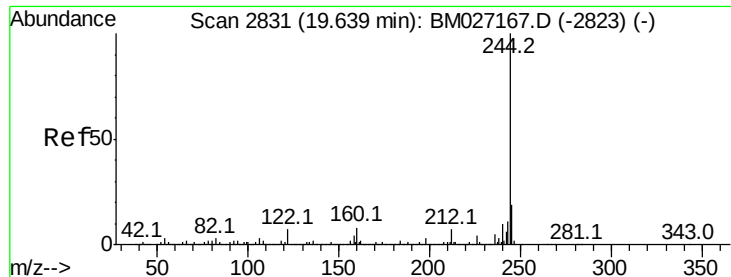


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.982 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

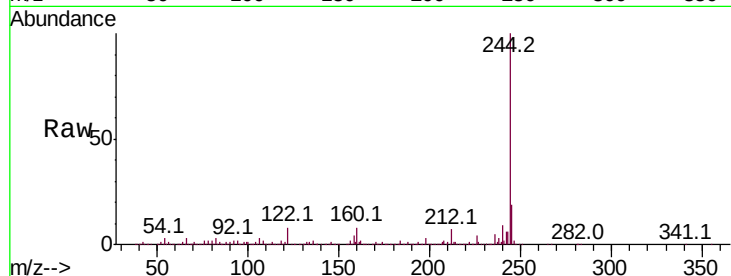
Tot Ion:244 Resp: 1654519

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

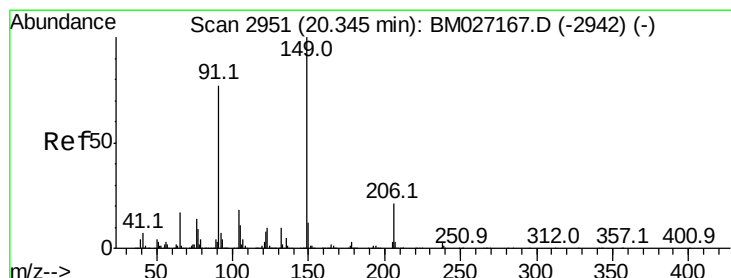
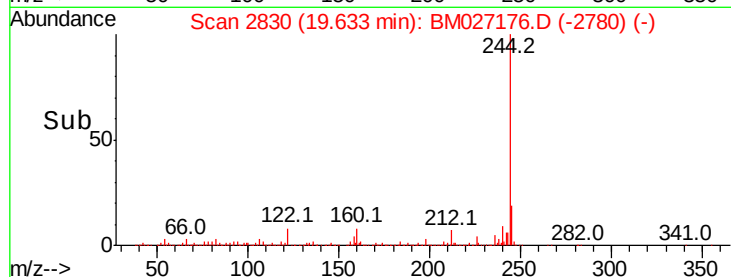
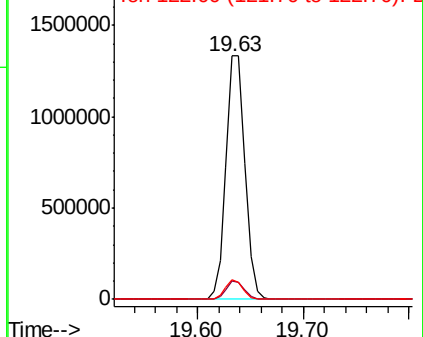
122 7.8 5.8 8.8



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: 36.025 ng

RT: 20.34 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

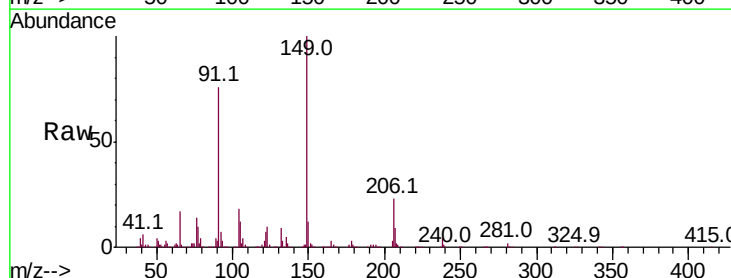
Tgt Ion:149 Resp: 344029

Ion Ratio Lower Upper

149 100

91 75.9 61.7 92.5

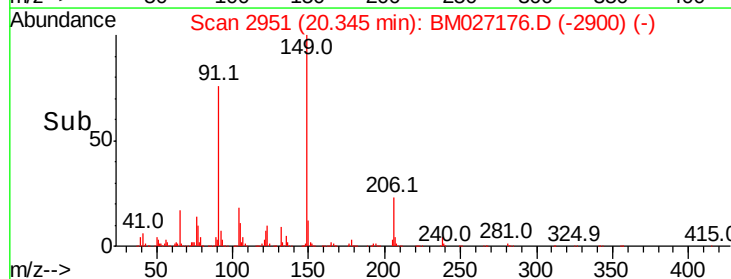
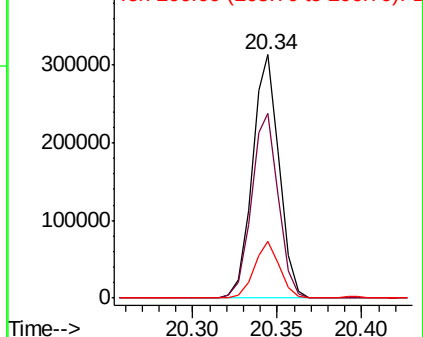
206 23.1 16.6 24.8

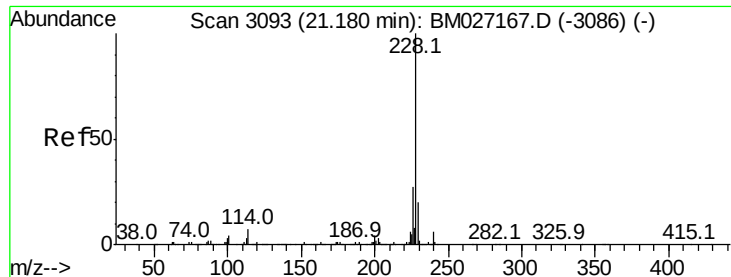


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.624 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

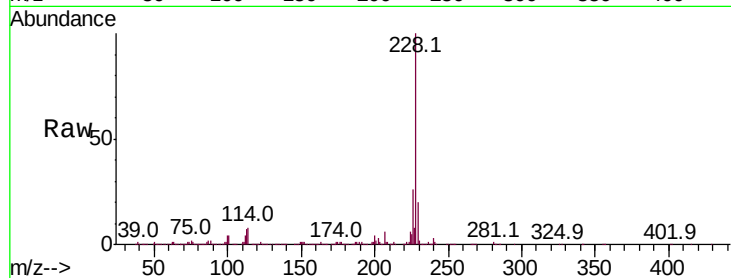
BNA_M

ClientSampleId :

PB131109BS

Tot Ion:228 Resp: 991177

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.4	32.2
229	19.7	15.8	23.6

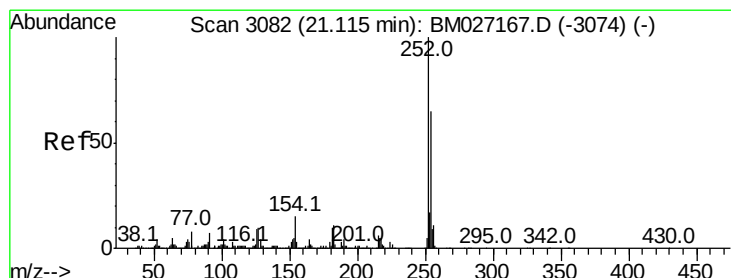
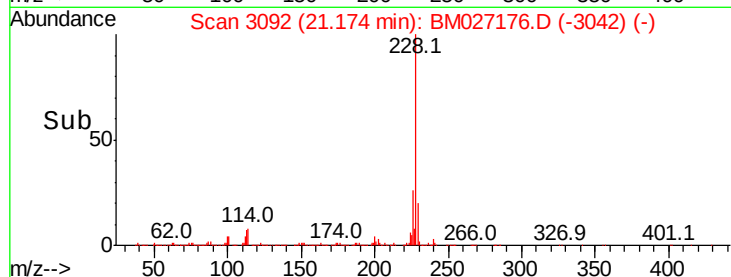
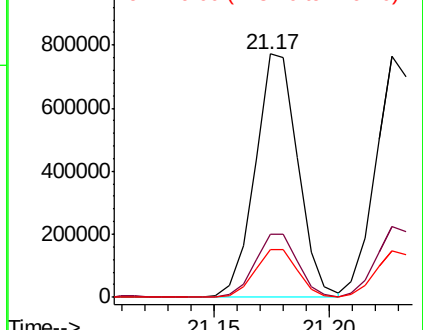


Abundance

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: 27.276 ng

RT: 21.12 min Scan# 3082

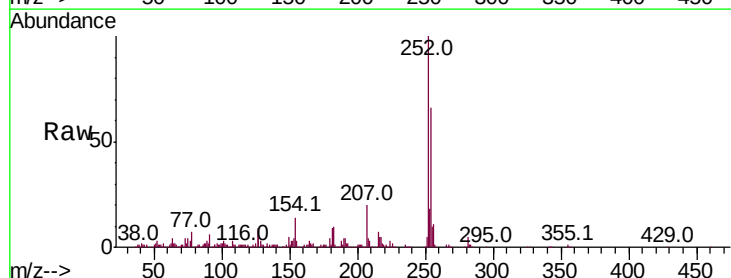
Delta R.T. 0.00 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Tgt Ion:252 Resp: 264482

Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.3	78.5
126	7.6	7.1	10.7

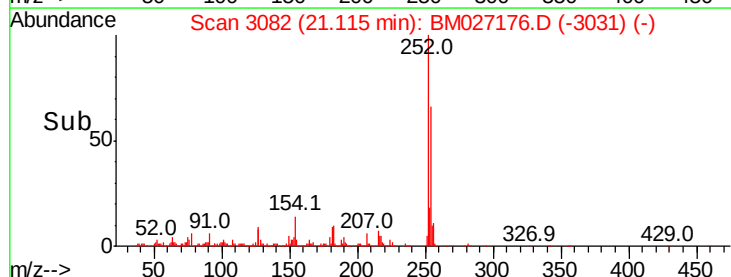
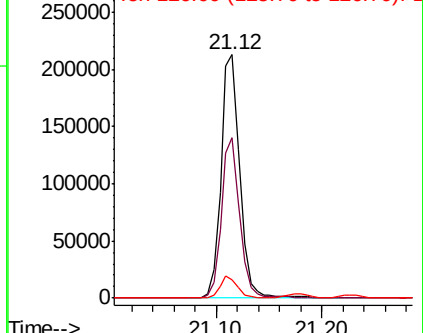


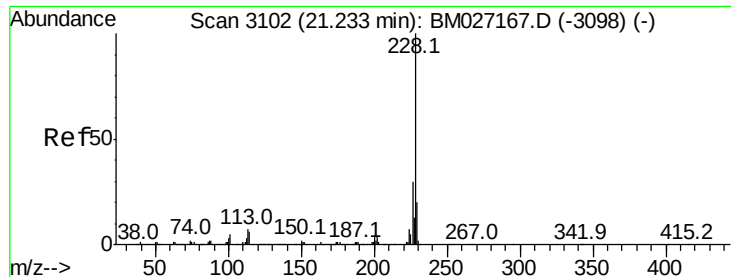
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

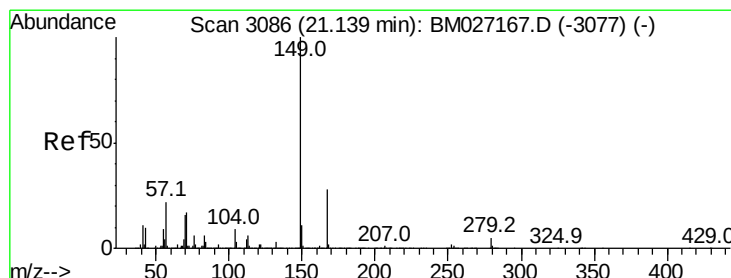
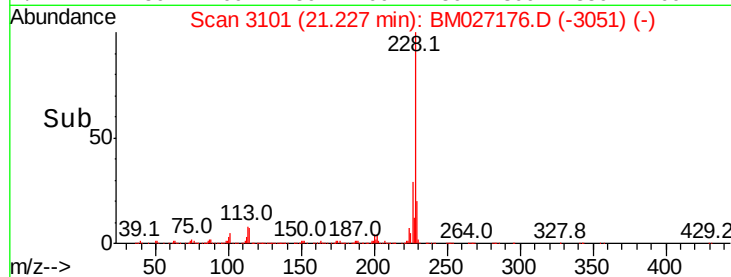
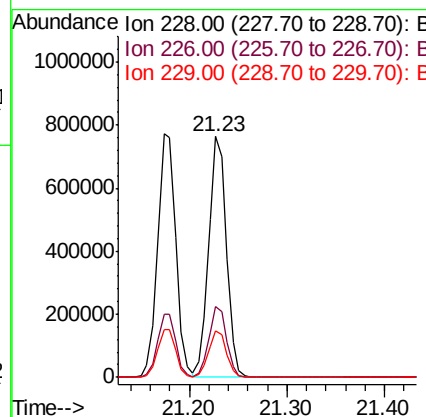
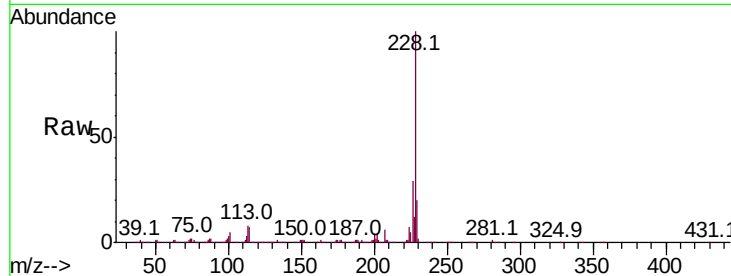




#83
Chrysene
Concen: 35.550 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

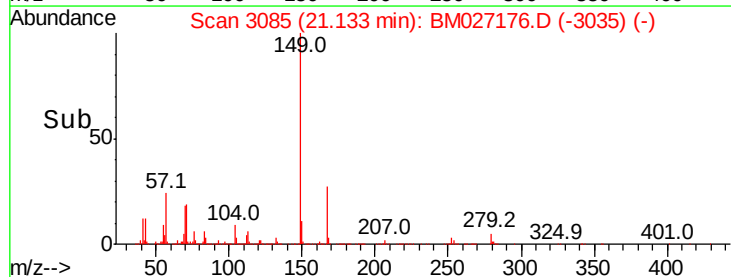
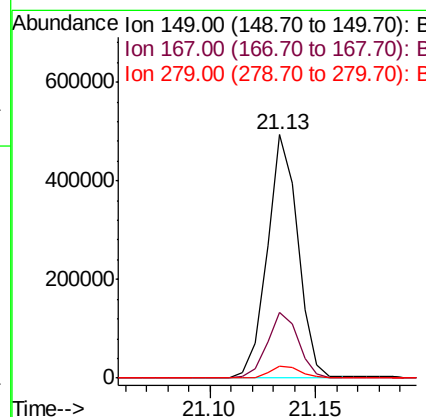
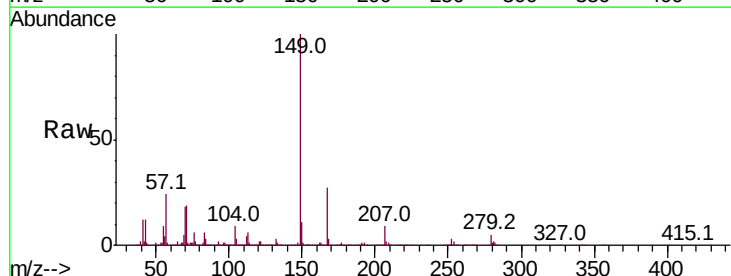
Instrument :
BNA_M
ClientSampleId :
PB131109BS

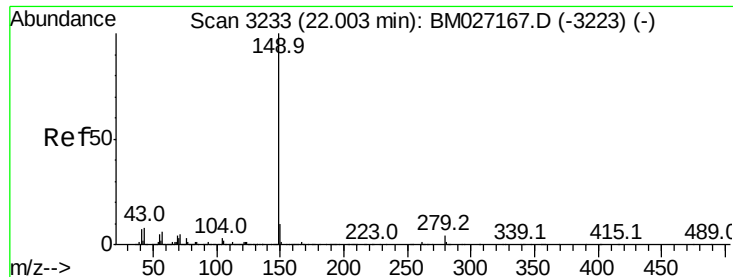
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	19.6	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.578 ng
RT: 21.13 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM027176.D
Acq: 21 Aug 2020 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	4.8	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 35.848 ng

RT: 22.00 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

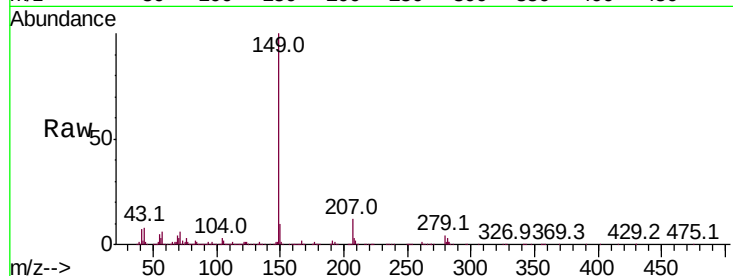
Tot Ion:149 Resp: 803849

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

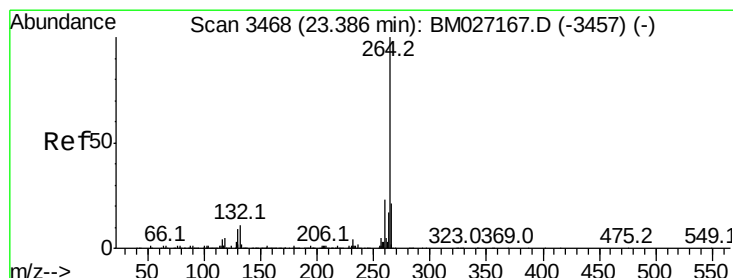
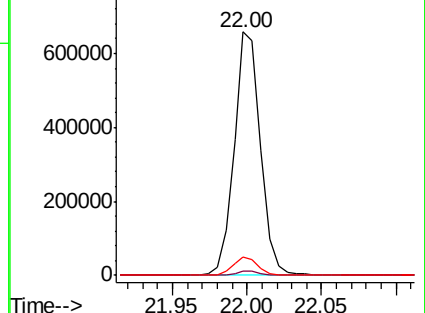
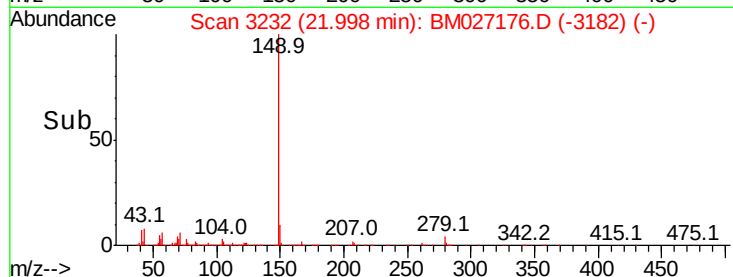
43 7.4 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

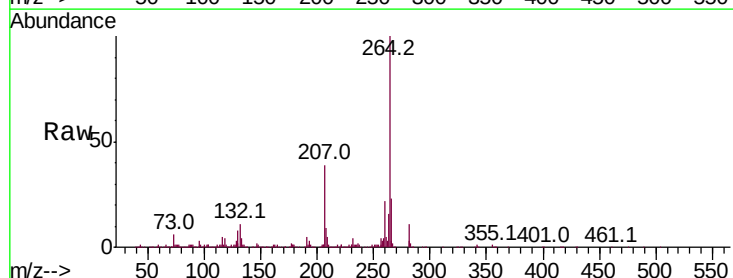
Tgt Ion:264 Resp: 416713

Ion Ratio Lower Upper

264 100

260 22.4 18.8 28.2

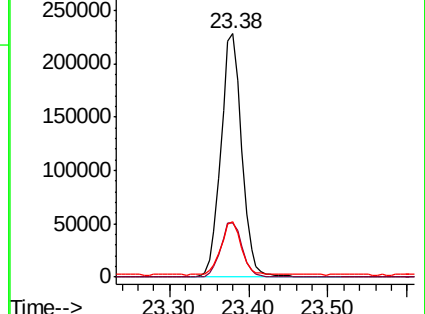
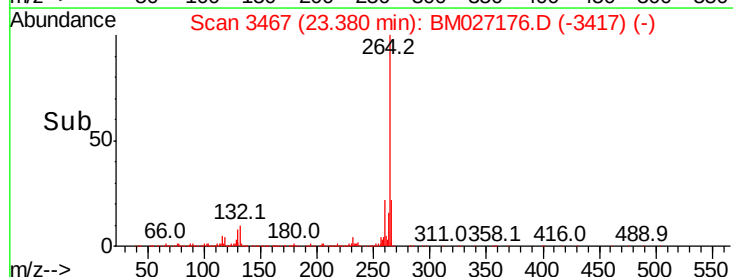
265 22.7 17.5 26.3

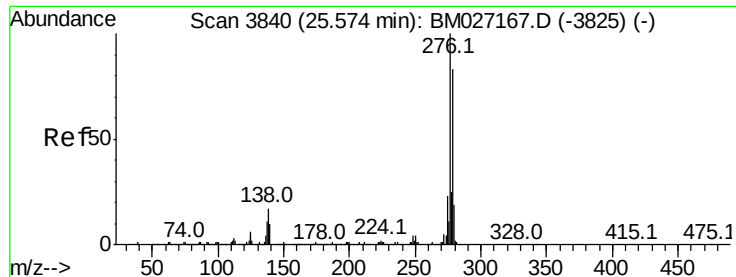


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



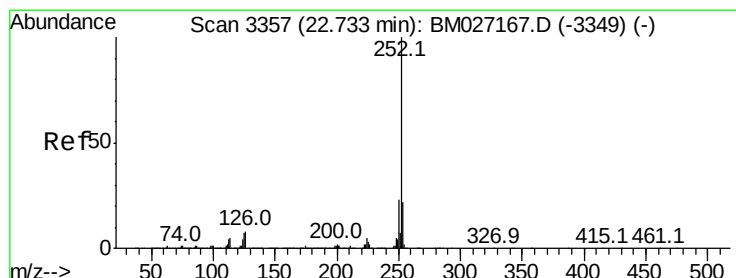
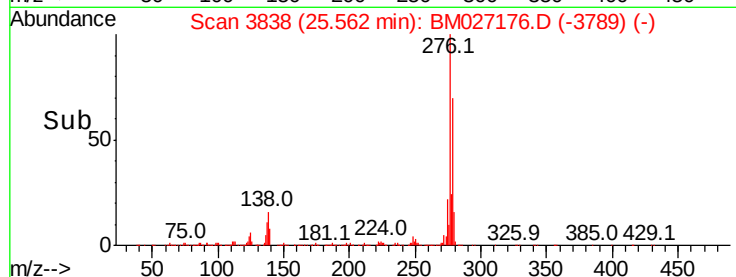
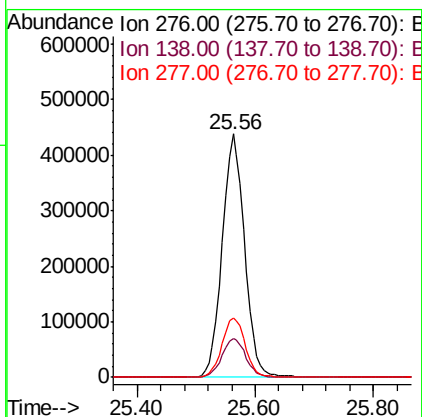
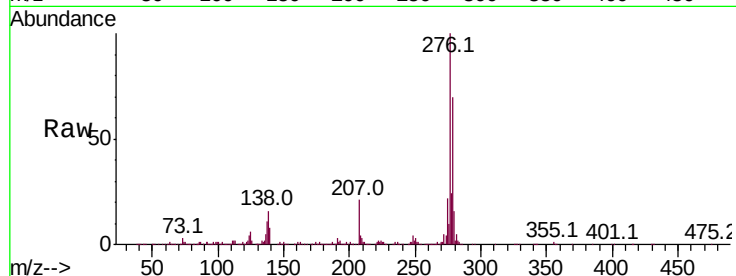


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.540 ng
 RT: 25.56 min Scan# 3838
 Delta R.T. -0.01 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB131109BS

Tot Ion:276 Resp: 1159145

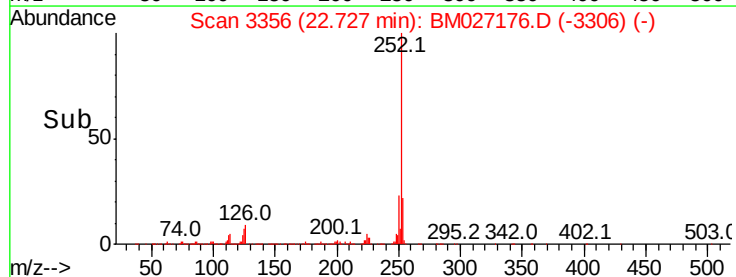
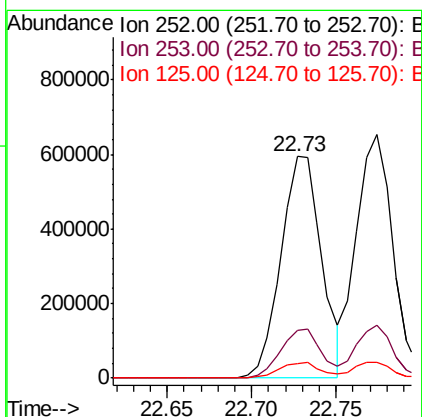
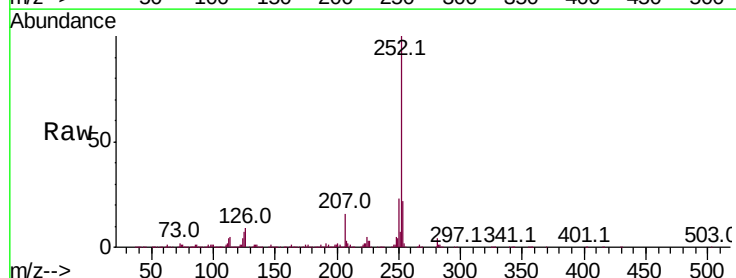
Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.3	19.9
277	25.2	20.0	30.0

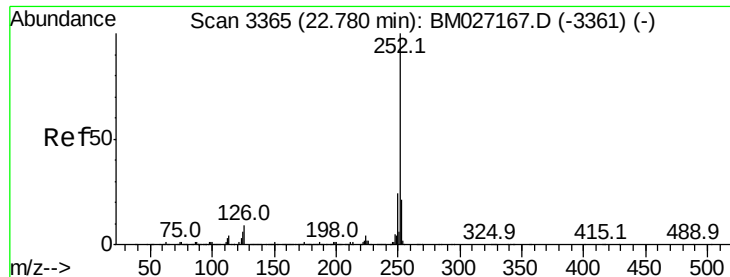


#88
 Benzo(b)fluoranthene
 Concen: 35.772 ng
 RT: 22.73 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BM027176.D
 Acq: 21 Aug 2020 19:03

Tgt Ion:252 Resp: 994041

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	6.8	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 35.929 ng

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

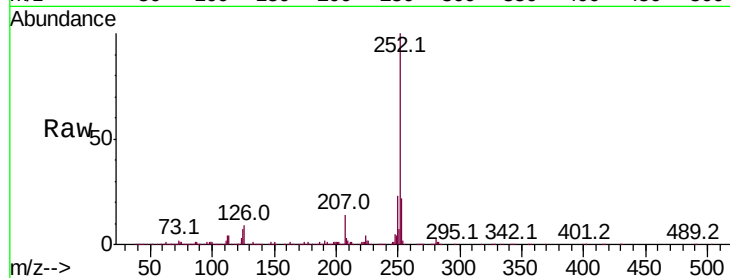
Tot Ion:252 Resp: 977493

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

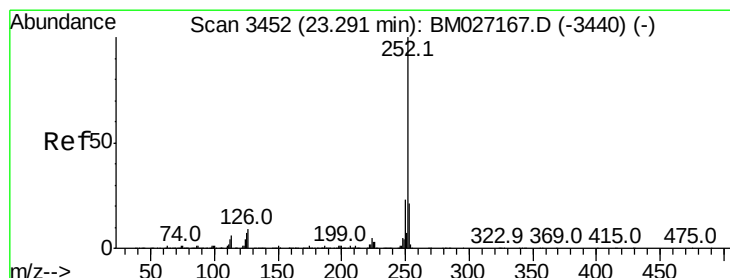
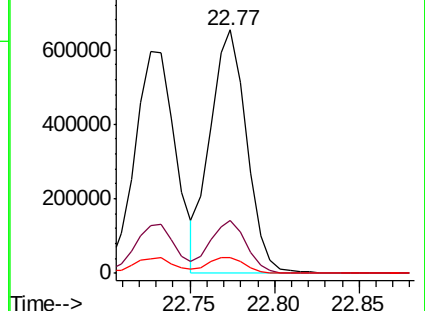
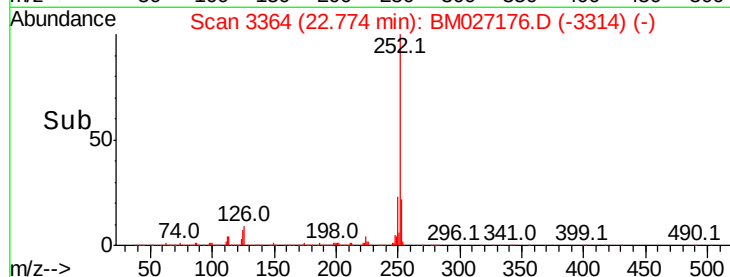
125 6.6 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.992 ng

RT: 23.29 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

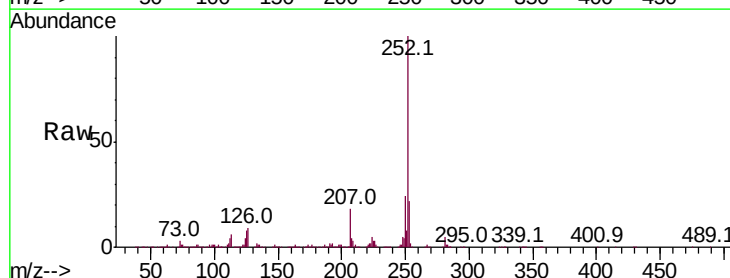
Tgt Ion:252 Resp: 887651

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

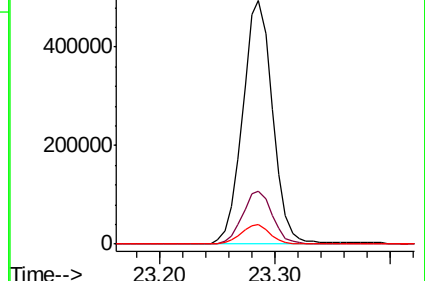
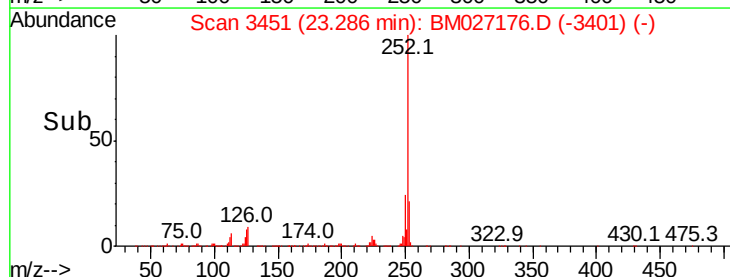
125 7.9 5.8 8.6

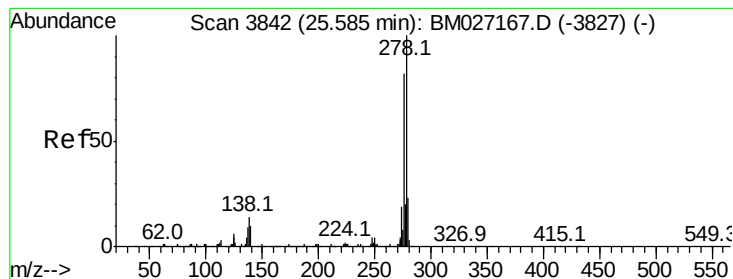


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.778 ng

RT: 25.57 min Scan# 3840

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

Instrument :

BNA_M

ClientSampleId :

PB131109BS

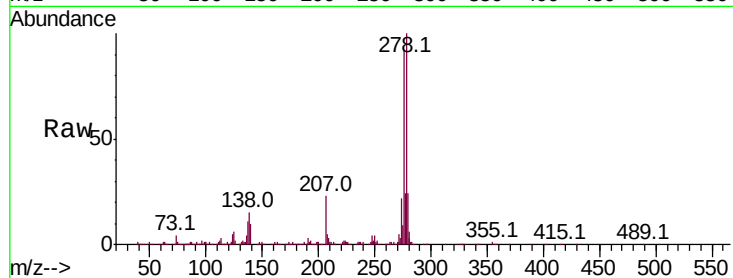
Tot Ion:278 Resp: 971185

Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.2	12.2
279	24.0	18.2	27.4

278 100

139 10.5 8.2 12.2

279 24.0 18.2 27.4

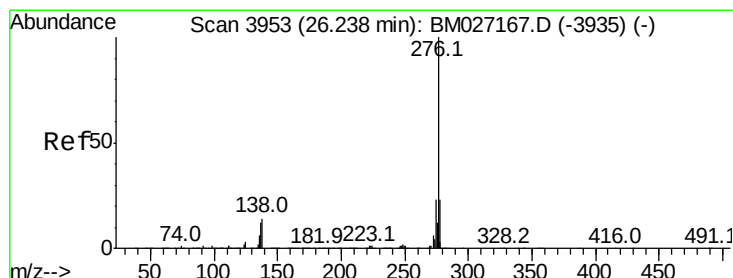
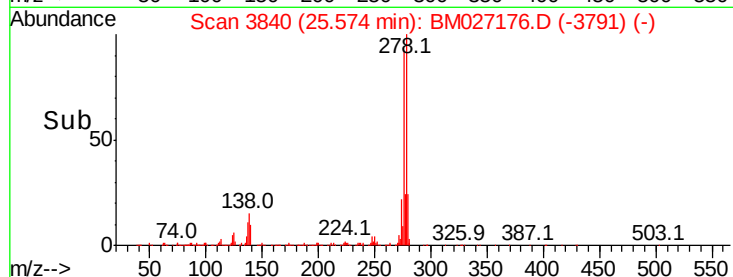
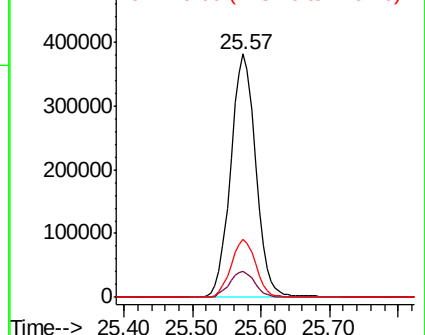


Abundance

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: 37.767 ng

RT: 26.23 min Scan# 3951

Delta R.T. -0.01 min

Lab File: BM027176.D

Acq: 21 Aug 2020 19:03

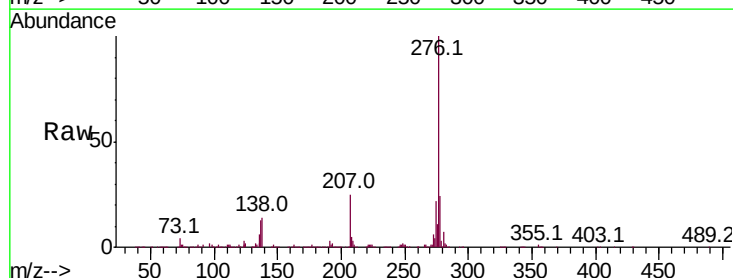
Tgt Ion:276 Resp: 987685

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	13.8	11.4	17.0

276 100

277 23.6 18.6 28.0

138 13.8 11.4 17.0



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

