

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028562.D
 Acq On : 27 Jan 2021 04:01
 Operator : CG/JU
 Sample : M1216-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PS-104

Quant Time: Jan 27 05:23:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 03:11:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

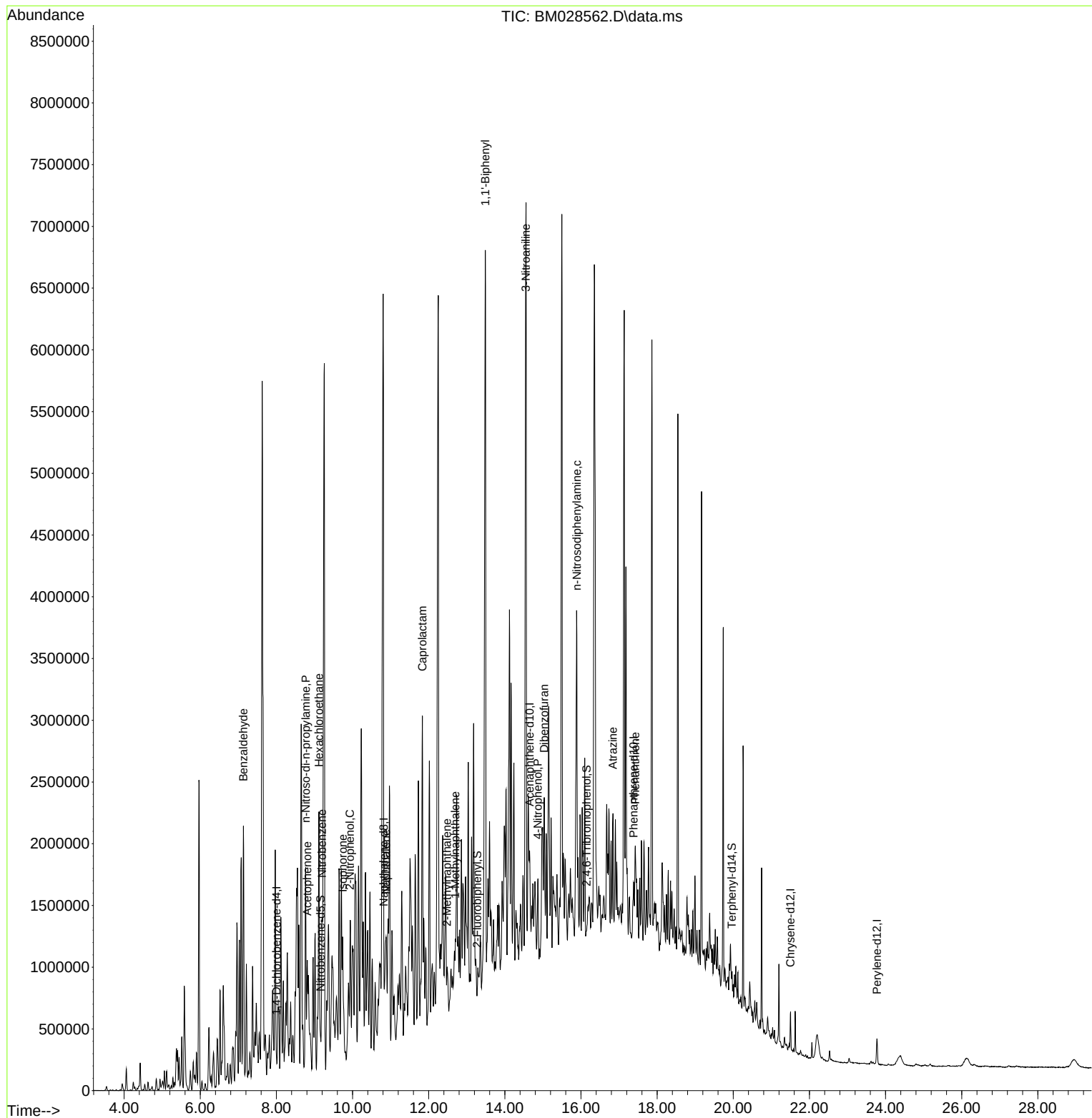
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	41958	20.00	ng	0.01
21) Naphthalene-d8	10.822	136	153122	20.00	ng	# 0.02
39) Acenaphthene-d10	14.651	164	83023	20.00	ng	0.02
64) Phenanthrene-d10	17.380	188	141842	20.00	ng	# 0.02
76) Chrysene-d12	21.503	240	132570	20.00	ng	# 0.00
86) Perylene-d12	23.774	264	136139	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	672	0.25	ng	0.00
7) Phenol-d6	7.146	99	3010	0.83	ng	0.00
23) Nitrobenzene-d5	9.157	82	32834	10.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.145	330	2201	2.00	ng	0.03
45) 2-Fluorobiphenyl	13.275	172	13831	2.09	ng	0.02
79) Terphenyl-d14	19.962	244	15441	2.10	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.134	77	53295	28.32	ng	# 1
18) Hexachloroethane	9.116	117	162333	122.37	ng	# 1
19) n-Nitroso-di-n-propyla...	8.769	70	49958	23.20	ng	# 13
22) Acetophenone	8.810	105	536850	135.23	ng	# 62
24) Nitrobenzene	9.198	77	20591	6.61	ng	# 19
25) Isophorone	9.739	82	101857	20.59	ng	# 1
26) 2-Nitrophenol	9.934	139	7816	5.54	ng	# 1
31) Naphthalene	10.875	128	113702	13.14	ng	# 71
35) Caprolactam	11.833	113	88872	112.21	ng	# 1
37) 2-Methylnaphthalene	12.480	142	175765	29.47	ng	96
38) 1-Methylnaphthalene	12.698	142	112243	19.84	ng	# 98
46) 1,1'-Biphenyl	13.486	154	87543	12.36	ng	95
53) 3-Nitroaniline	14.551	138	3596	2.20	ng	# 67
55) Dibenzofuran	15.033	168	26075	3.18	ng	# 25
56) 4-Nitrophenol	14.863	139	9949	7.72	ng	# 17
66) n-Nitrosodiphenylamine	15.892	169	88421	18.62	ng	# 61
69) Atrazine	16.839	200	5445	3.87	ng	# 68
71) Phenanthrene	17.421	178	21475	2.46	ng	# 68

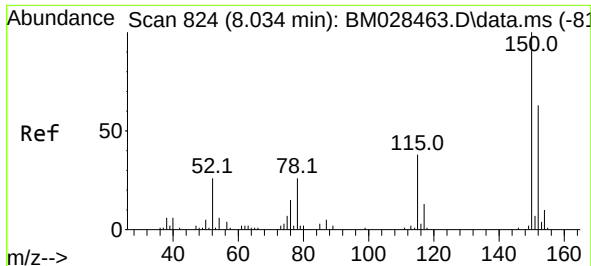
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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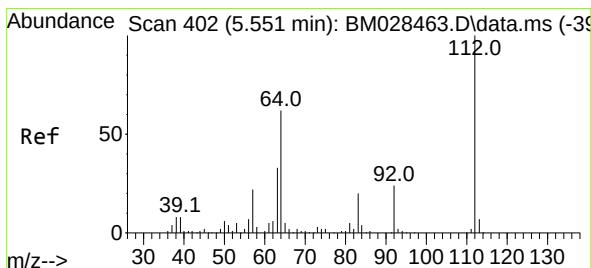
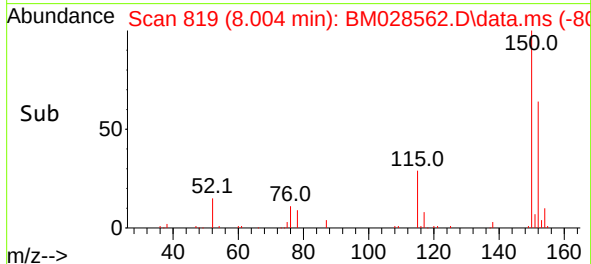
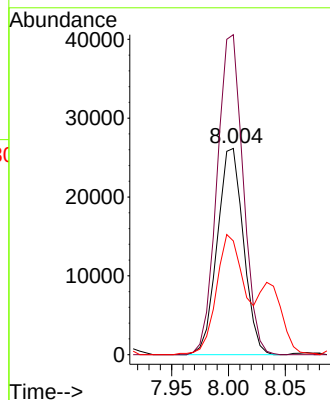
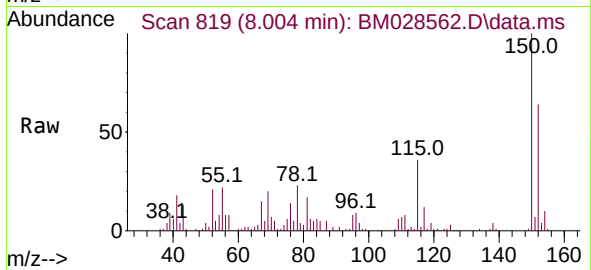




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.004 min Scan# 819
Delta R.T. 0.011 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

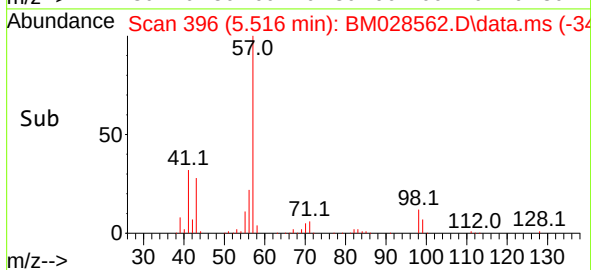
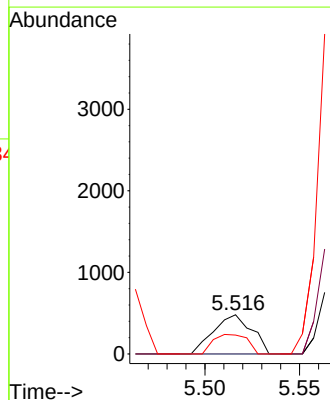
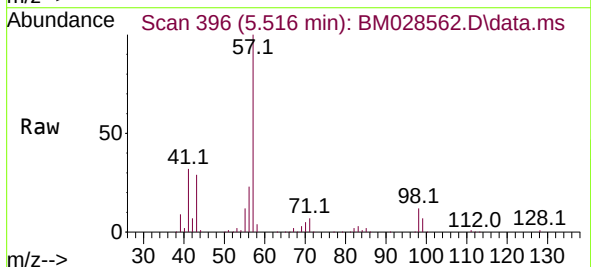
Instrument :
BNA_M
ClientSampled :
PS-104

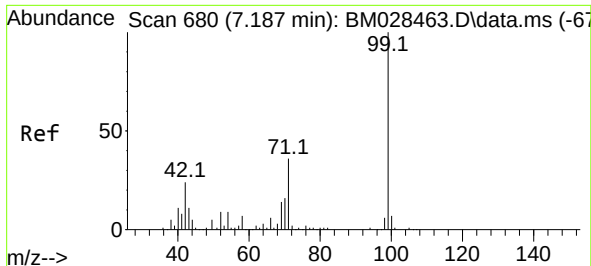
Tgt Ion:152 Resp: 41958
Ion Ratio Lower Upper
152 100
150 155.1 120.6 181.0
115 55.2 47.2 70.8



#5
2-Fluorophenol
Concen: 0.25 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.006 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:112 Resp: 672
Ion Ratio Lower Upper
112 100
64 0.0 50.6 76.0#
63 48.3 31.0 46.6#

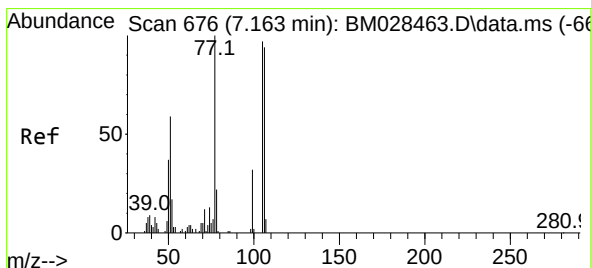
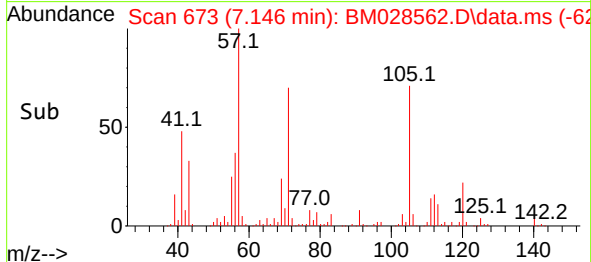
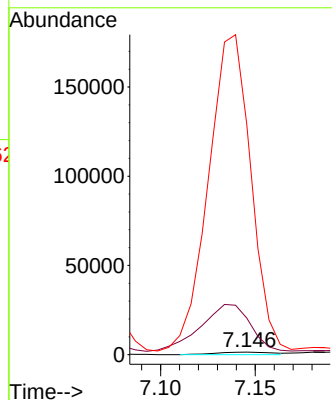
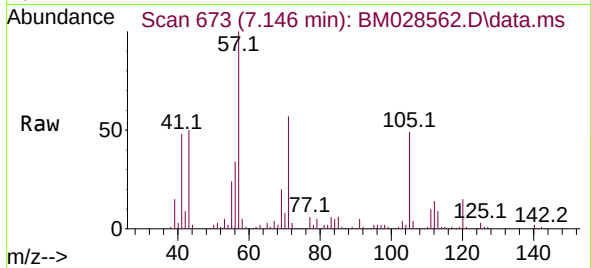




#7
Phenol-d6
Concen: 0.83 ng
RT: 7.146 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

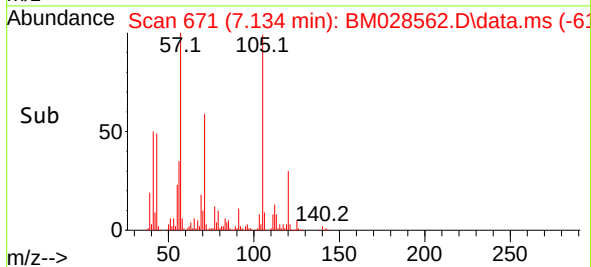
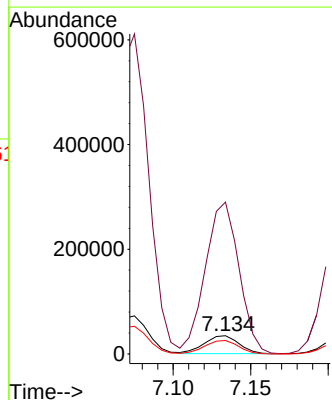
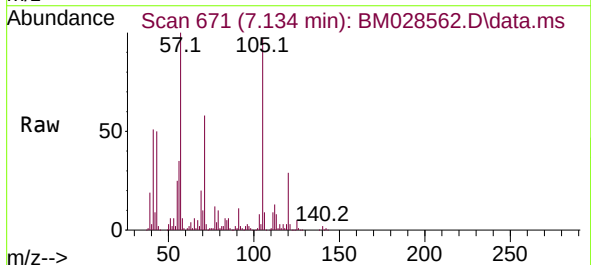
Instrument :
BNA_M
ClientSampled :
PS-104

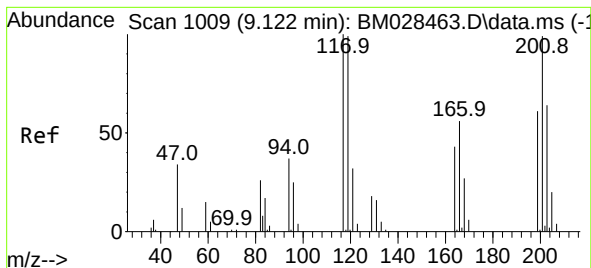
Tgt Ion: 99 Resp: 3010
Ion Ratio Lower Upper
99 100
42 1471.8 13.5 20.3#
71 9243.5 39.4 59.0#



#9
Benzaldehyde
Concen: 28.32 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.012 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion: 77 Resp: 53295
Ion Ratio Lower Upper
77 100
105 833.1 64.7 104.7#
106 74.2 57.5 97.5

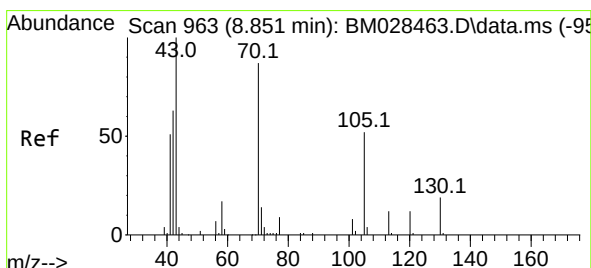
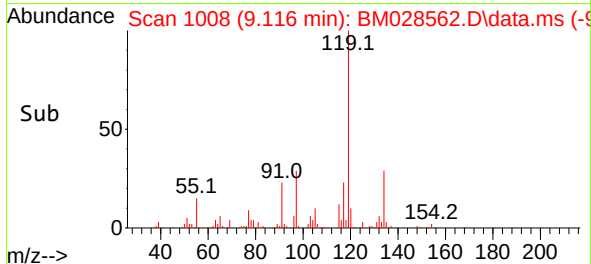
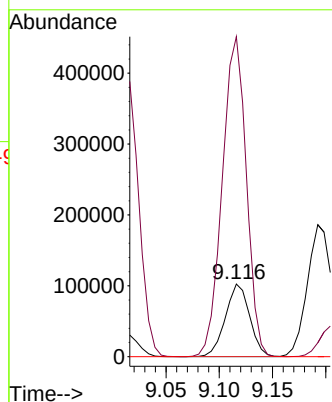
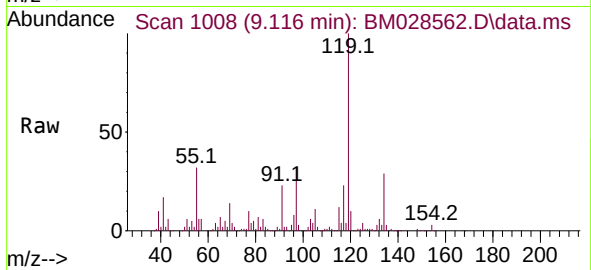




#18
Hexachloroethane
Concen: 122.37 ng
RT: 9.116 min Scan# 1008
Delta R.T. 0.041 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

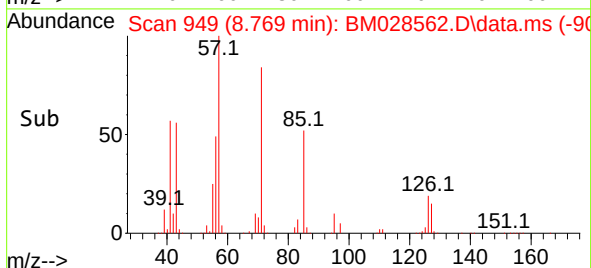
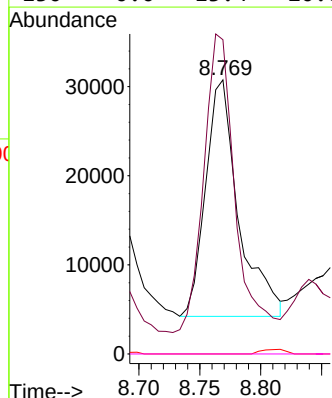
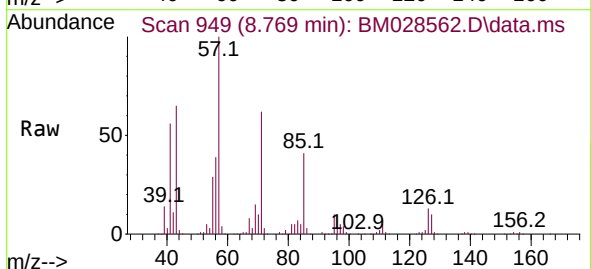
Instrument :
BNA_M
ClientSampleId :
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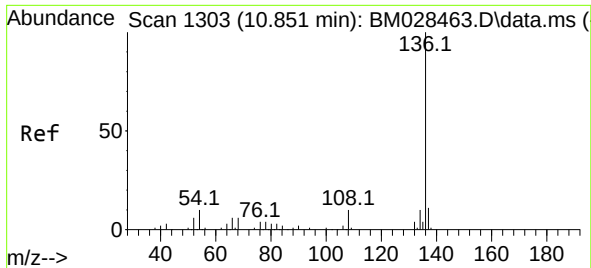
Tgt Ion:117 Resp: 162333
Ion Ratio Lower Upper
117 100
119 440.4 73.1 109.7#
201 0.0 88.7 133.1#



#19
n-Nitroso-di-n-propylamine
Concen: 23.20 ng
RT: 8.769 min Scan# 949
Delta R.T. -0.041 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion: 70 Resp: 49958
Ion Ratio Lower Upper
70 100
42 114.6 31.9 47.9#
101 0.0 7.0 10.4#
130 0.0 13.4 20.0#

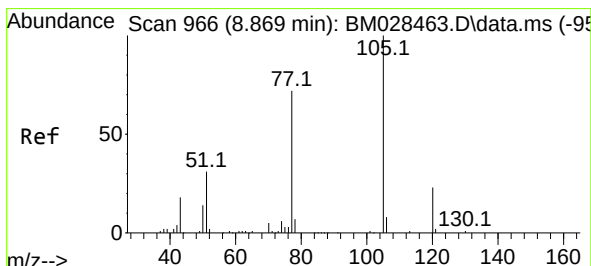
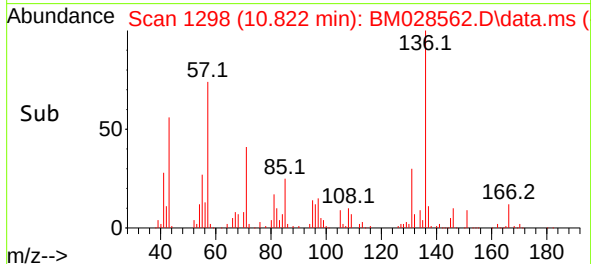
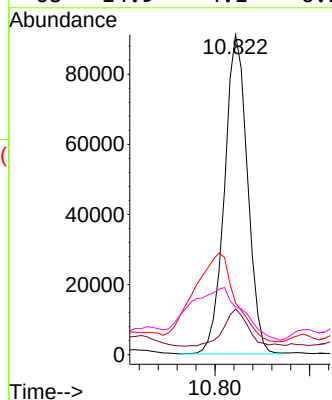
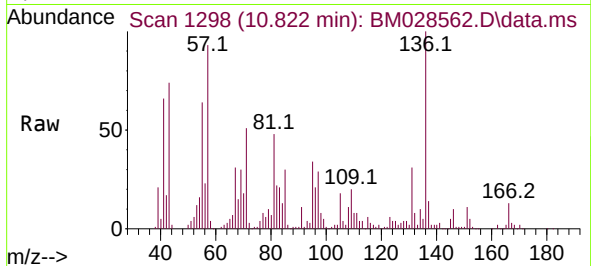




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.822 min Scan# 1298
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

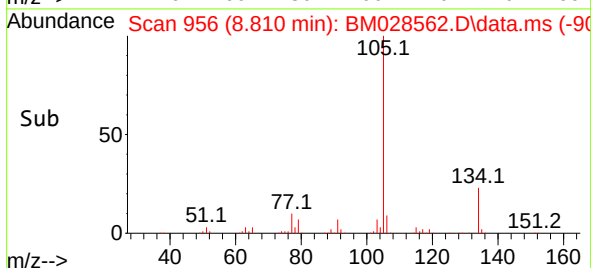
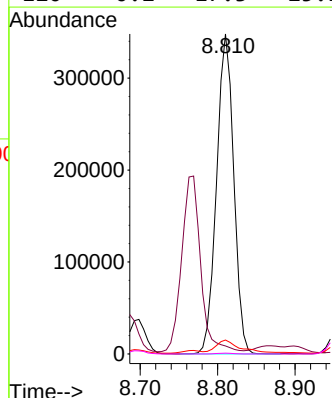
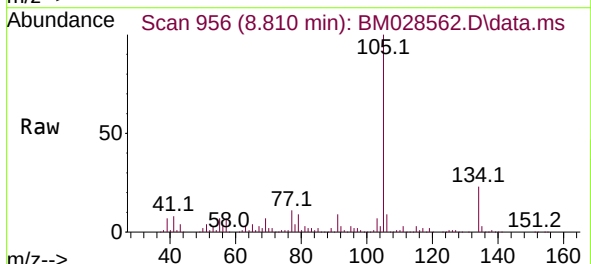
Instrument :
BNA_M
ClientSampled :
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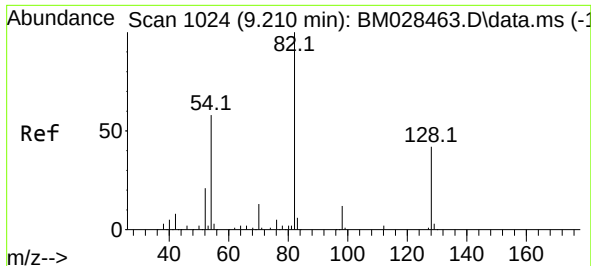
Tgt Ion:	136	Resp:	153122
Ion Ratio	Lower	Upper	
136	100		
137	14.3	8.6	12.8#
54	16.1	4.6	7.0#
68	14.9	4.1	6.1#



#22
Acetophenone
Concen: 135.23 ng
RT: 8.810 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:	105	Resp:	536850
Ion Ratio	Lower	Upper	
105	100		
71	2.5	7.6	11.4#
51	4.3	18.6	28.0#
120	0.2	17.3	25.9#

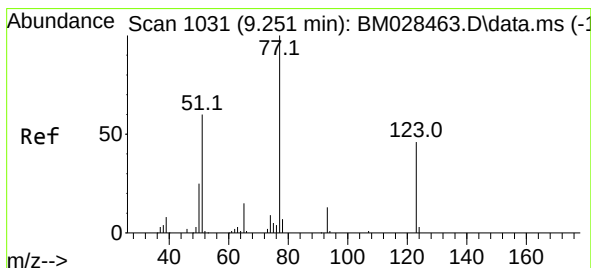
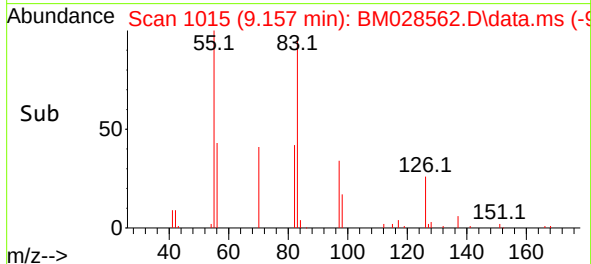
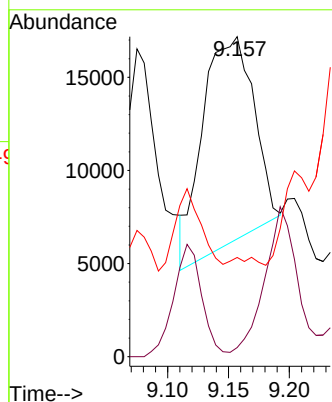
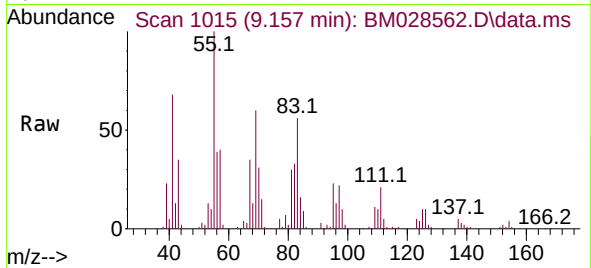




#23
Nitrobenzene-d5
Concen: 10.17 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

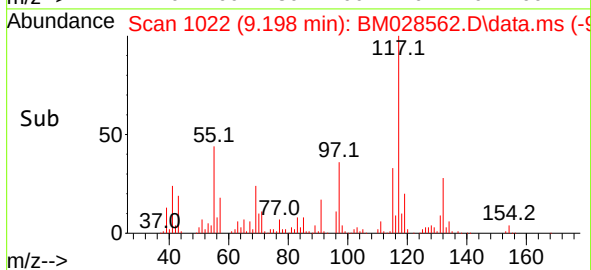
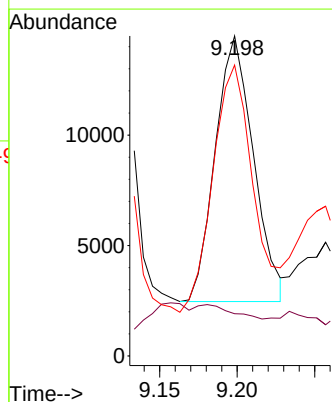
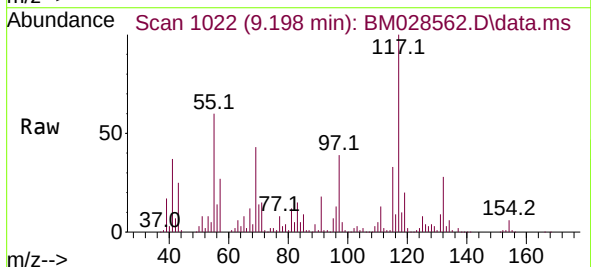
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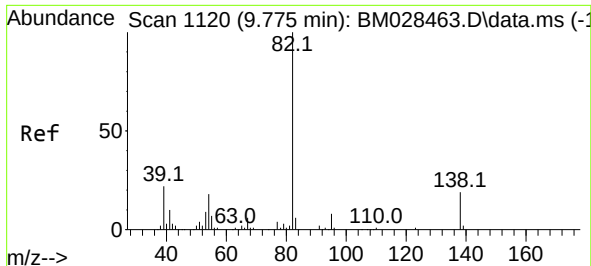
Tgt Ion: 82 Resp: 32834
Ion Ratio Lower Upper
82 100
128 2.9 27.4 41.0#
54 31.0 31.4 47.0#



#24
Nitrobenzene
Concen: 6.61 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion: 77 Resp: 20591
Ion Ratio Lower Upper
77 100
123 13.2 29.1 43.7#
65 90.9 11.3 16.9#

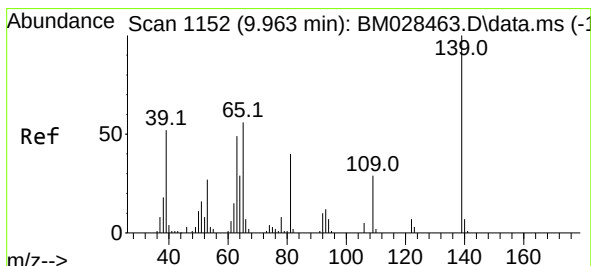
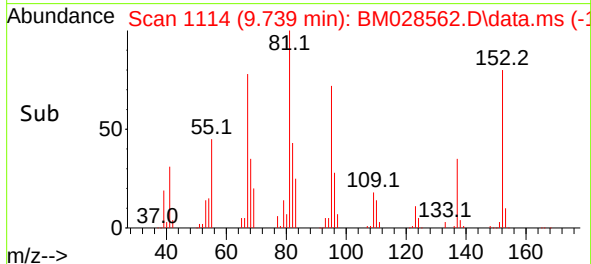
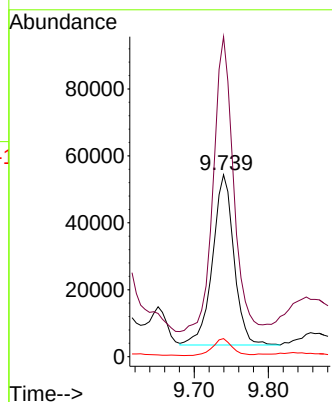
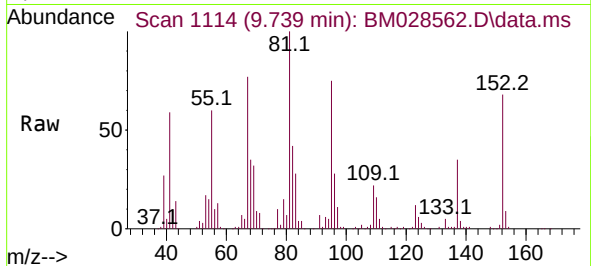




#25
Isophorone
Concen: 20.59 ng
RT: 9.739 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

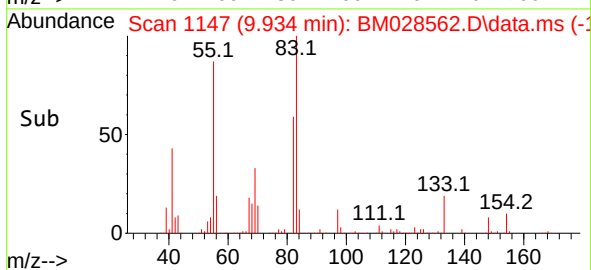
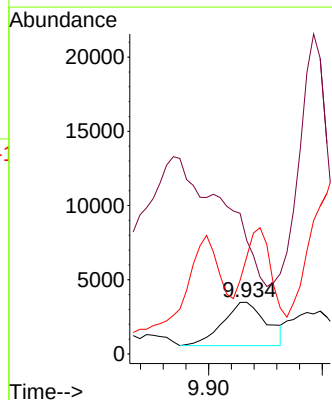
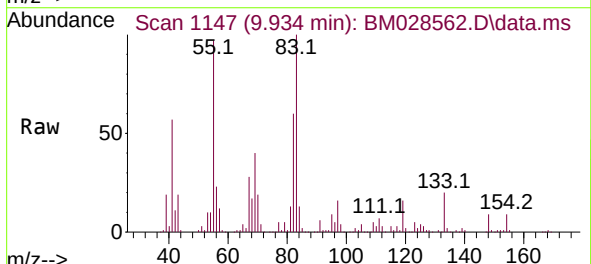
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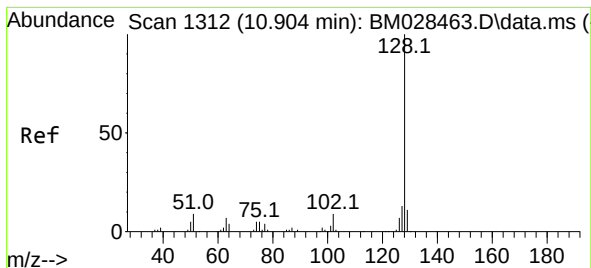
Tgt Ion: 82 Resp: 101857
Ion Ratio Lower Upper
82 100
95 175.9 6.8 10.2#
138 10.0 13.1 19.7#



#26
2-Nitrophenol
Concen: 5.54 ng
RT: 9.934 min Scan# 1147
Delta R.T. 0.011 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:139 Resp: 7816
Ion Ratio Lower Upper
139 100
109 219.6 33.8 50.8#
65 188.3 51.0 76.6#

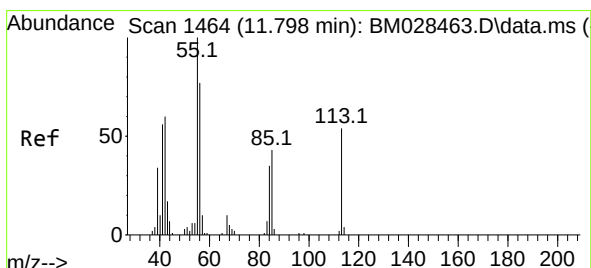
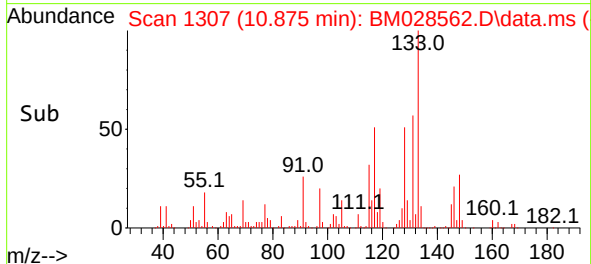
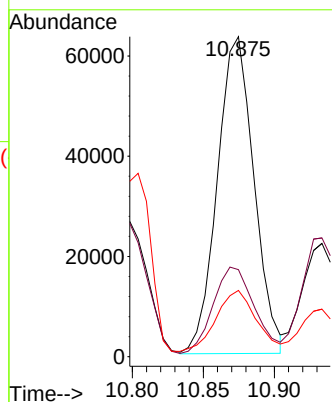
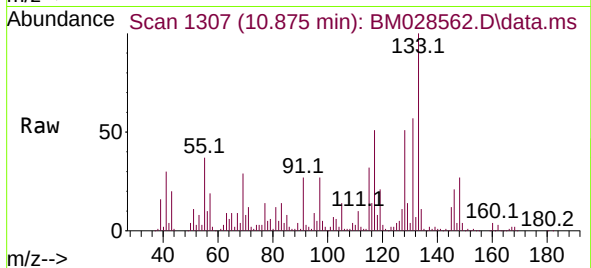




#31
Naphthalene
Concen: 13.14 ng
RT: 10.875 min Scan# 1307
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

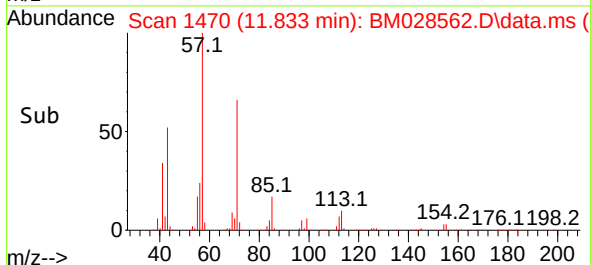
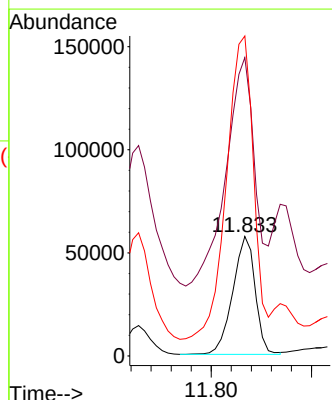
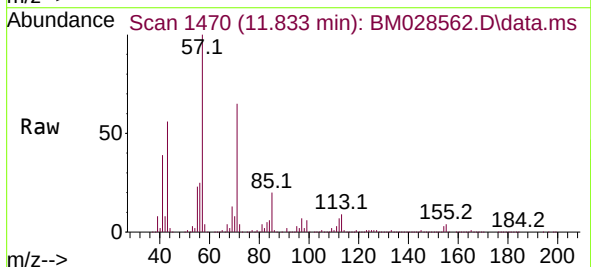
Instrument :
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PS-104

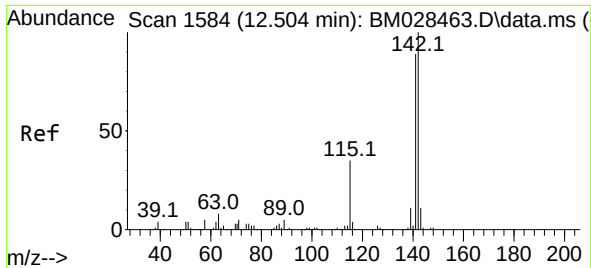
Tgt Ion:128 Resp: 113702
Ion Ratio Lower Upper
128 100
129 27.2 9.0 13.4#
127 20.7 10.6 15.8#



#35
Caprolactam
Concen: 112.21 ng
RT: 11.833 min Scan# 1470
Delta R.T. 0.070 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:113 Resp: 88872
Ion Ratio Lower Upper
113 100
55 249.7 103.2 143.2#
56 267.8 84.2 124.2#

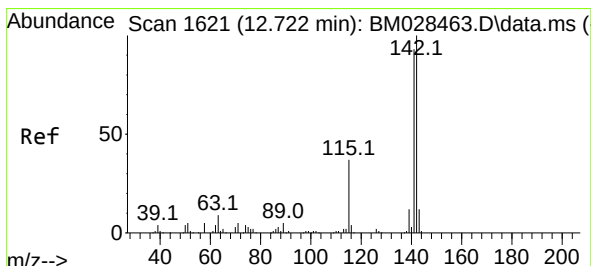
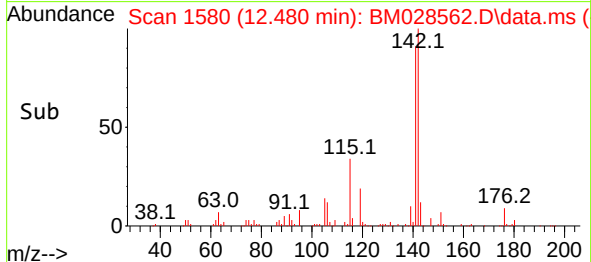
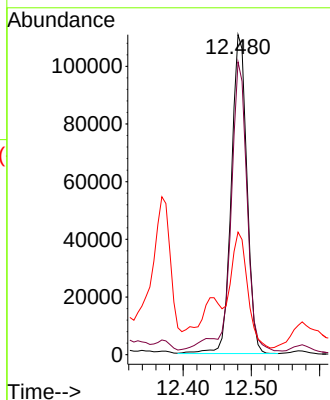
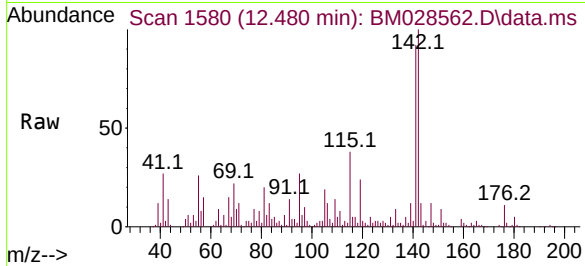




#37
2-Methylnaphthalene
Concen: 29.47 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

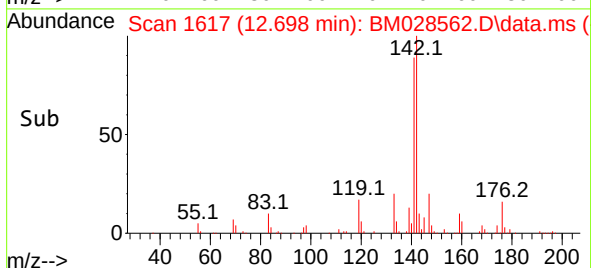
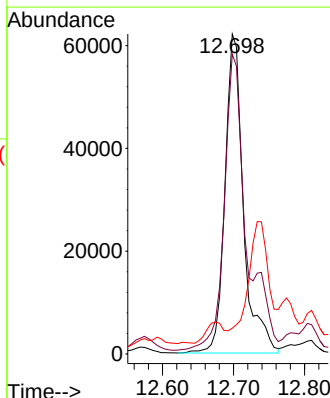
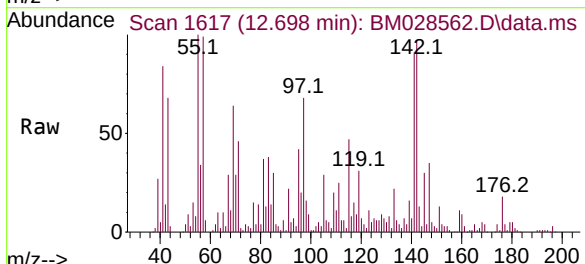
Instrument :
BNA_M
ClientSampled :
PS-104

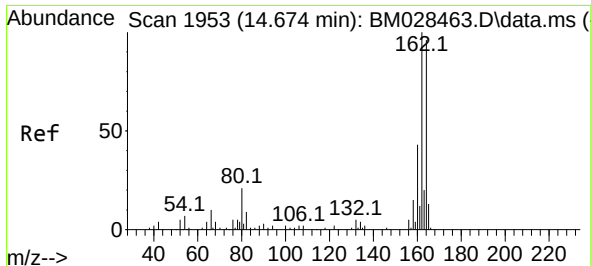
Tgt Ion:142 Resp: 175765
Ion Ratio Lower Upper
142 100
141 91.5 70.3 105.5
115 38.3 32.2 48.4



#38
1-Methylnaphthalene
Concen: 19.84 ng
RT: 12.698 min Scan# 1617
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:142 Resp: 112243
Ion Ratio Lower Upper
142 100
141 93.7 73.8 110.6
116 8.1 3.5 5.3#

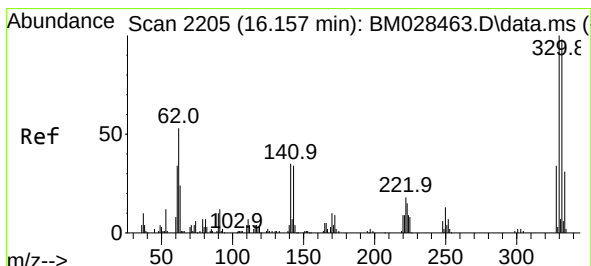
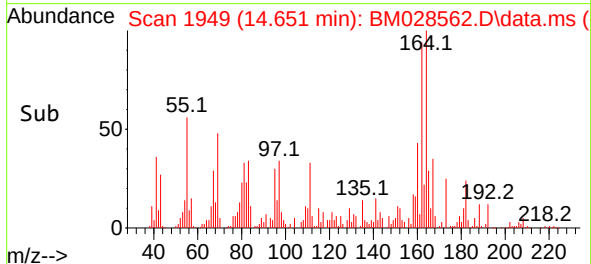
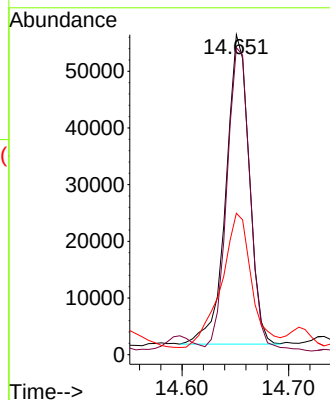
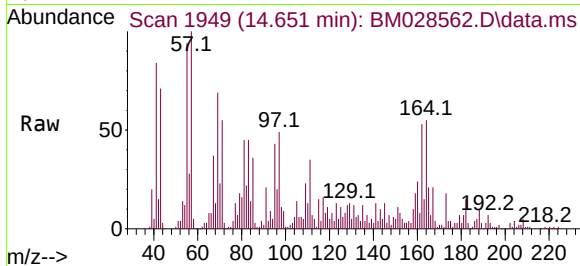




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

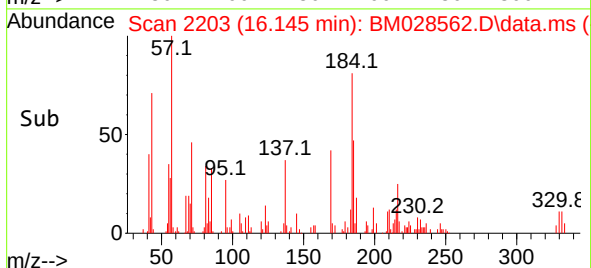
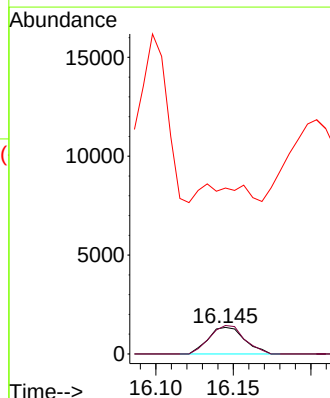
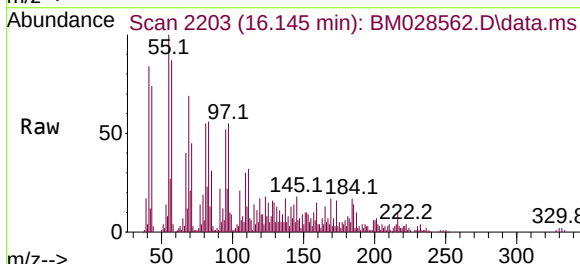
Instrument :
BNA_M
ClientSampled :
PS-104

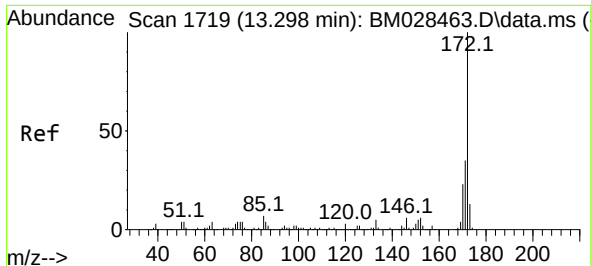
Tgt Ion:164 Resp: 83023
Ion Ratio Lower Upper
164 100
162 96.0 80.4 120.6
160 44.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 2.00 ng
RT: 16.145 min Scan# 2203
Delta R.T. 0.029 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:330 Resp: 2201
Ion Ratio Lower Upper
330 100
332 102.2 77.8 116.8
141 0.0 28.4 42.6#

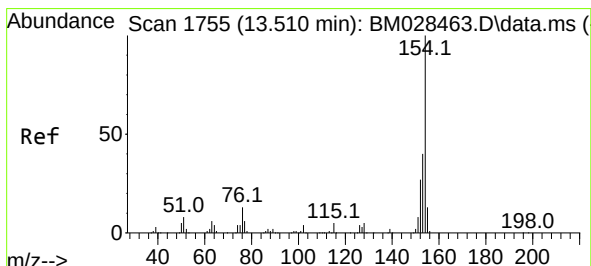
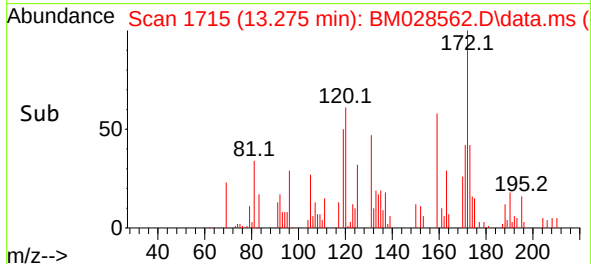
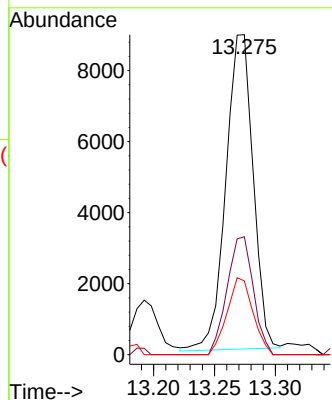
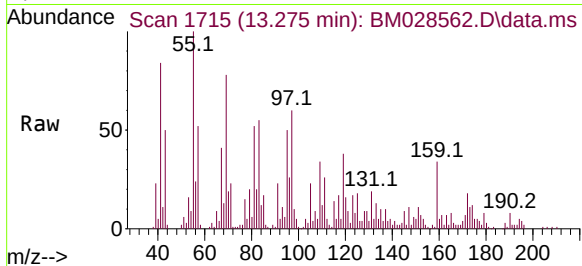




#45
2-Fluorobiphenyl
Concen: 2.09 ng
RT: 13.275 min Scan# 1715
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

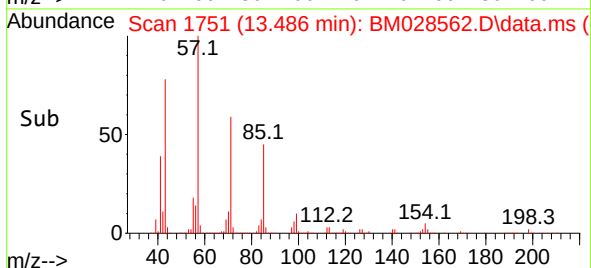
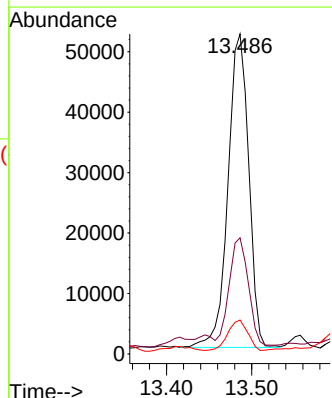
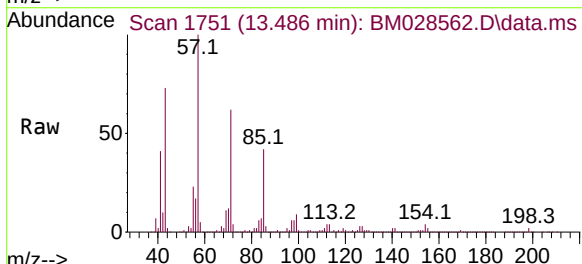
Instrument :
BNA_M
ClientSampled :
PS-104

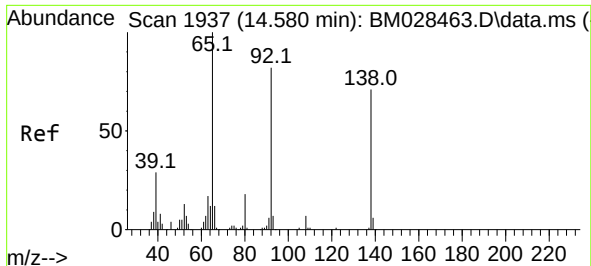
Tgt Ion:172	Resp:	13831
Ion Ratio	Lower	Upper
172	100	
171	36.9	27.8 41.8
170	23.1	18.6 27.8



#46
1,1'-Biphenyl
Concen: 12.36 ng
RT: 13.486 min Scan# 1751
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:154	Resp:	87543
Ion Ratio	Lower	Upper
154	100	
153	36.3	20.0 60.0
76	10.6	0.0 32.0

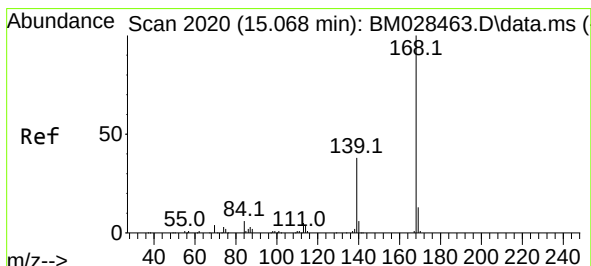
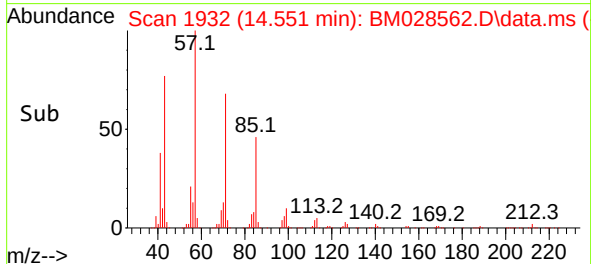
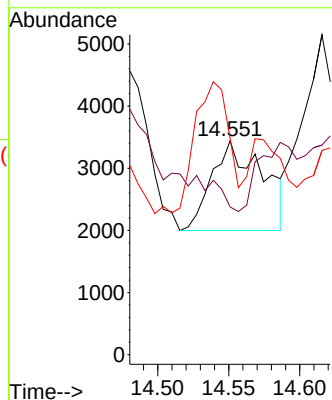
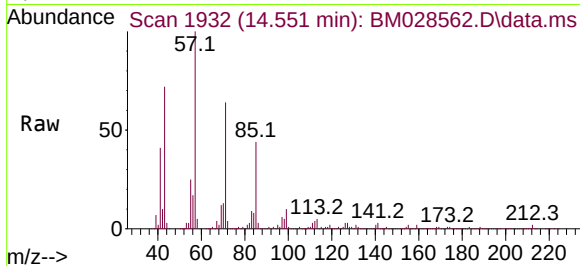




#53
3-Nitroaniline
Concen: 2.20 ng
RT: 14.551 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

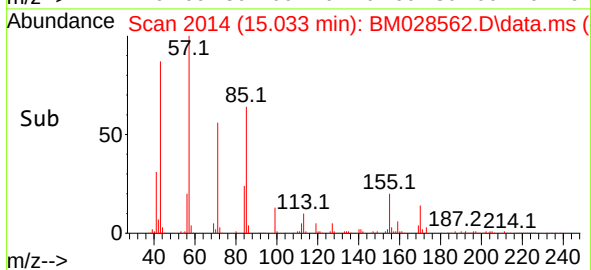
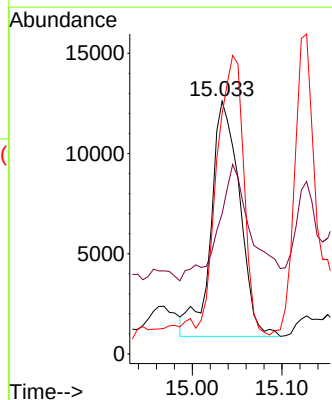
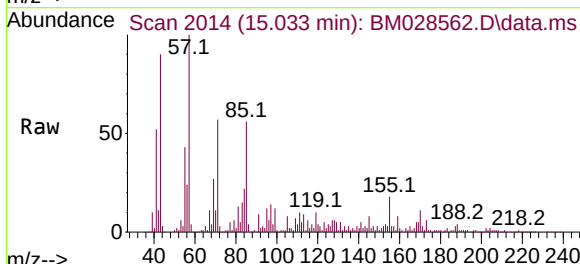
Instrument :
BNA_M
ClientSampled :
PS-104

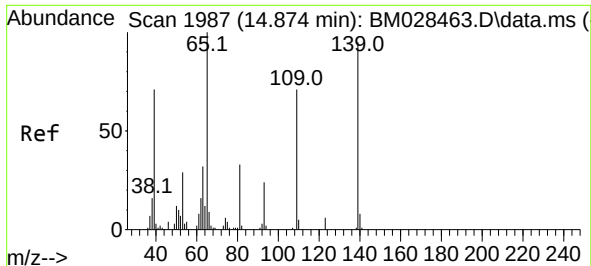
Tgt Ion:138 Resp: 3596
Ion Ratio Lower Upper
138 100
108 69.0 8.6 13.0#
92 101.0 102.1 153.1#



#55
Dibenzofuran
Concen: 3.18 ng
RT: 15.033 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:168 Resp: 26075
Ion Ratio Lower Upper
168 100
139 55.5 30.2 45.4#
169 95.1 10.6 16.0#

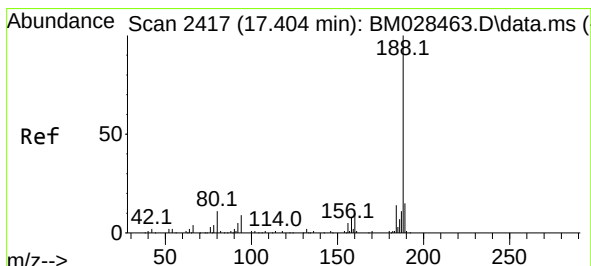
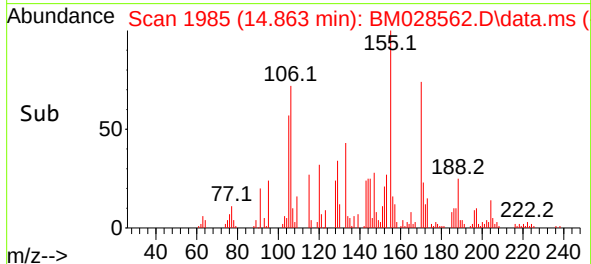
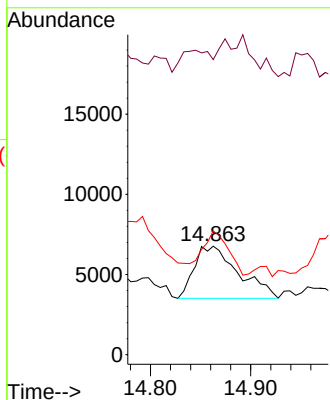
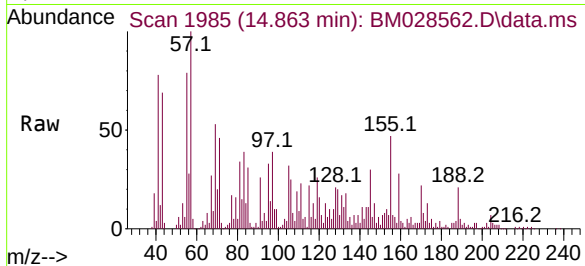




#56
4-Nitrophenol
Concen: 7.72 ng
RT: 14.863 min Scan# 1985
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

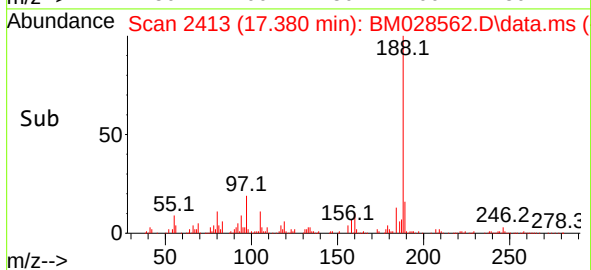
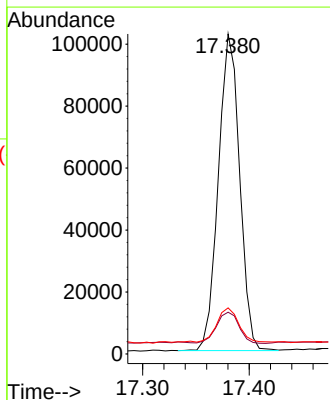
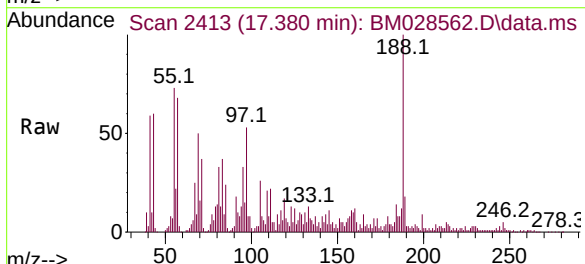
Instrument :
BNA_M
ClientSampleId :
PS-104

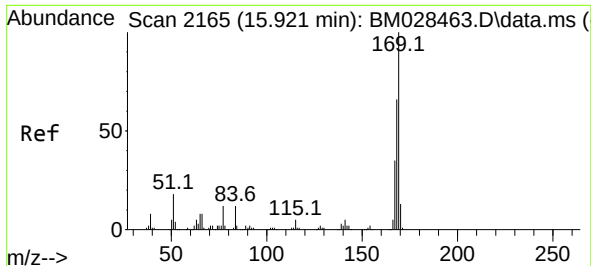
Tgt Ion:139 Resp: 9949
Ion Ratio Lower Upper
139 100
109 271.9 77.0 117.0#
65 114.2 103.4 143.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.380 min Scan# 2413
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:188 Resp: 141842
Ion Ratio Lower Upper
188 100
94 13.0 6.2 9.4#
80 14.4 7.5 11.3#

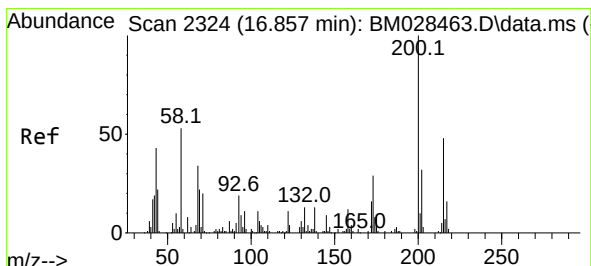
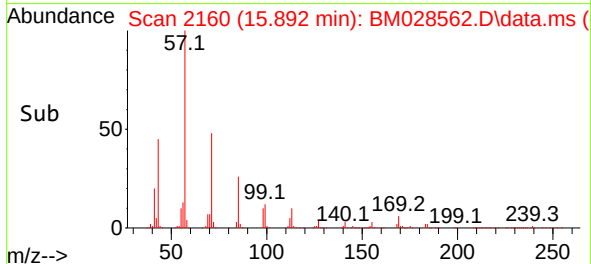
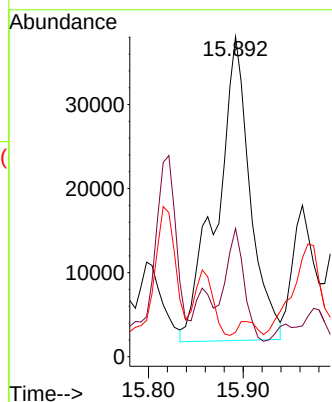
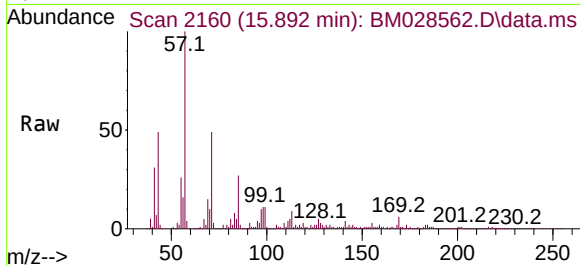




#66
n-Nitrosodiphenylamine
Concen: 18.62 ng
RT: 15.892 min Scan# 2160
Delta R.T. 0.011 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

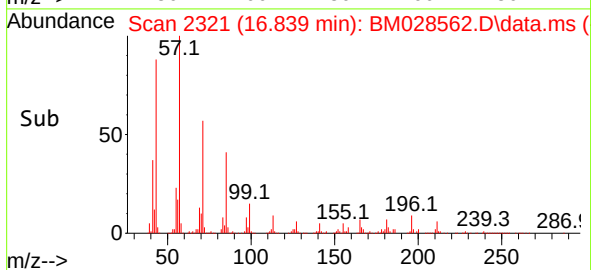
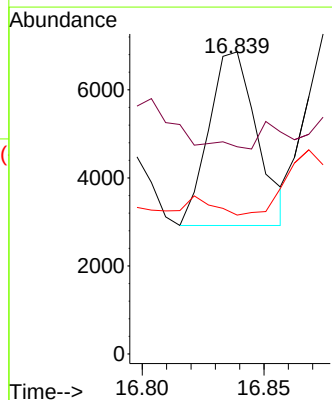
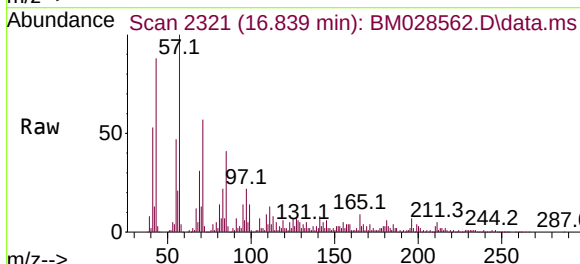
Instrument :
BNA_M
ClientSampleId :
PS-104

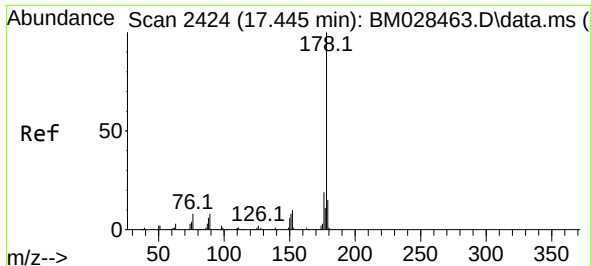
Tgt Ion:169 Resp: 88421
Ion Ratio Lower Upper
169 100
168 40.1 53.8 80.8#
167 7.6 29.0 43.4#



#69
Atrazine
Concen: 3.87 ng
RT: 16.839 min Scan# 2321
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:200 Resp: 5445
Ion Ratio Lower Upper
200 100
173 68.6 4.9 44.9#
215 46.0 29.0 69.0

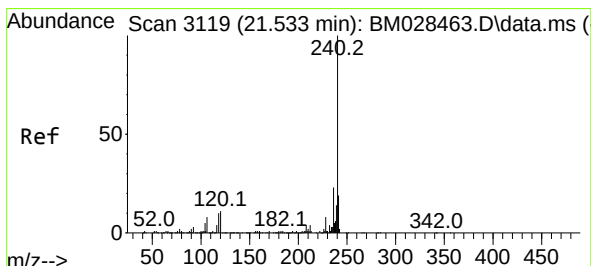
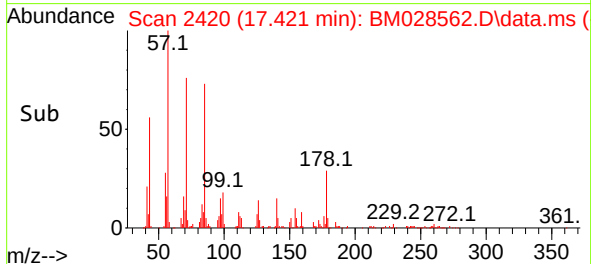
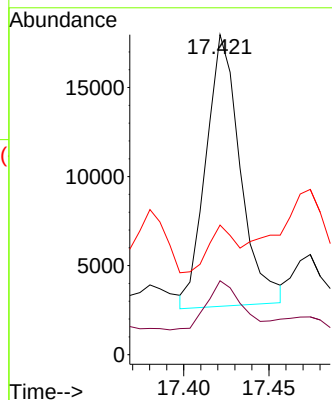
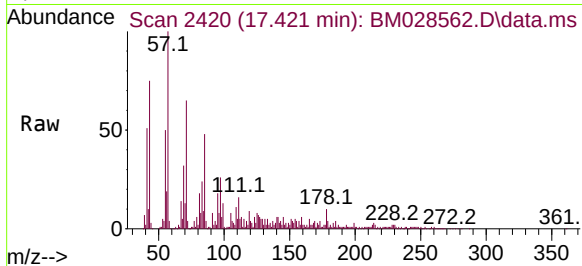




#71
Phenanthrene
Concen: 2.46 ng
RT: 17.421 min Scan# 2420
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

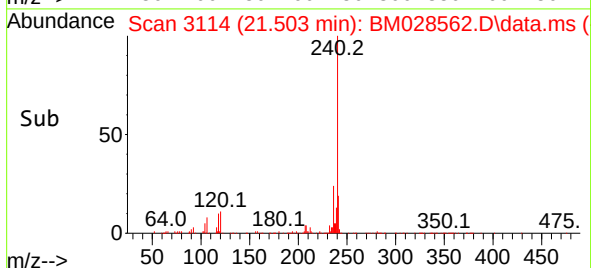
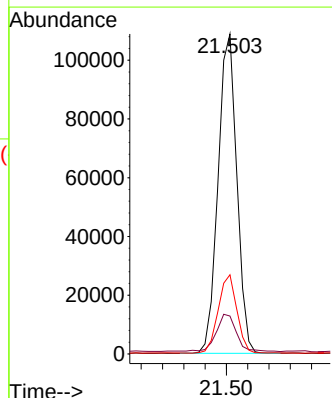
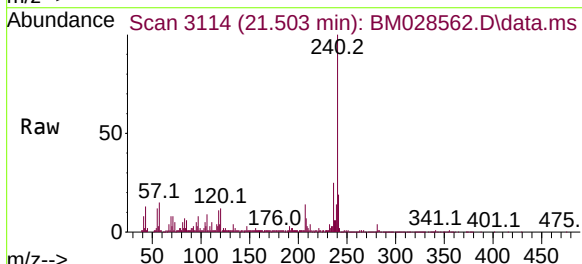
Instrument :
BNA_M
ClientSampleId :
PS-104

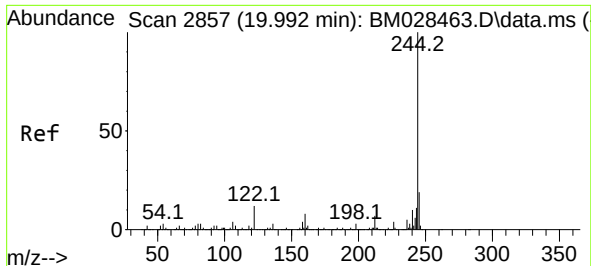
Tgt Ion:178 Resp: 21475
Ion Ratio Lower Upper
178 100
176 23.1 15.0 22.6#
179 40.5 12.2 18.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.503 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:240 Resp: 132570
Ion Ratio Lower Upper
240 100
120 11.9 6.4 9.6#
236 24.7 20.1 30.1

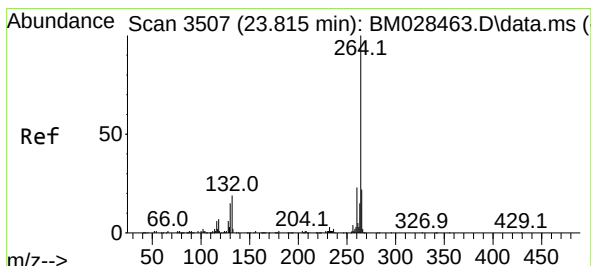
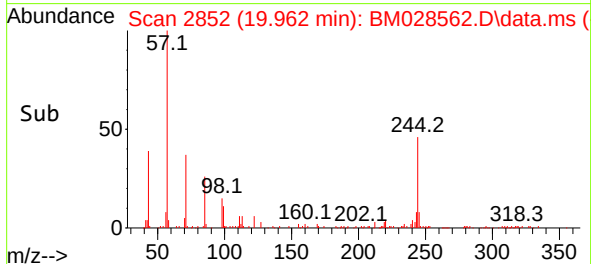
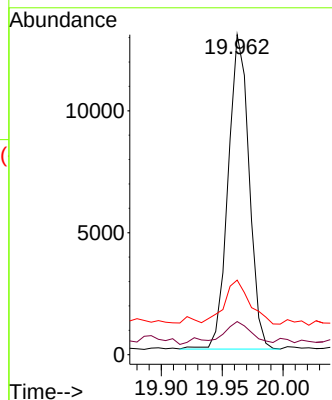
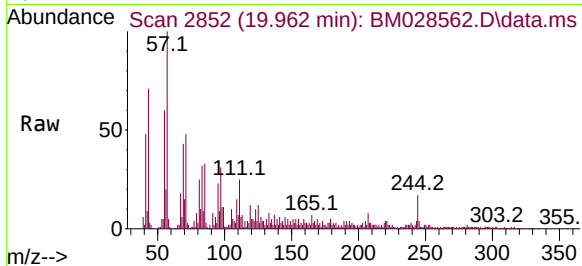




#79
Terphenyl-d14
Concen: 2.10 ng
RT: 19.962 min Scan# 2852
Delta R.T. 0.006 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Instrument :
BNA_M
ClientSampled :
PS-104

Tgt Ion:244	Resp:	15441
Ion Ratio	Lower	Upper
244	100	
212	10.3	5.8 8.8#
122	23.3	6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 3500
Delta R.T. 0.011 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Tgt Ion:264	Resp:	136139
Ion Ratio	Lower	Upper
264	100	
260	22.3	19.0 28.4
265	21.9	17.7 26.5

