

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)

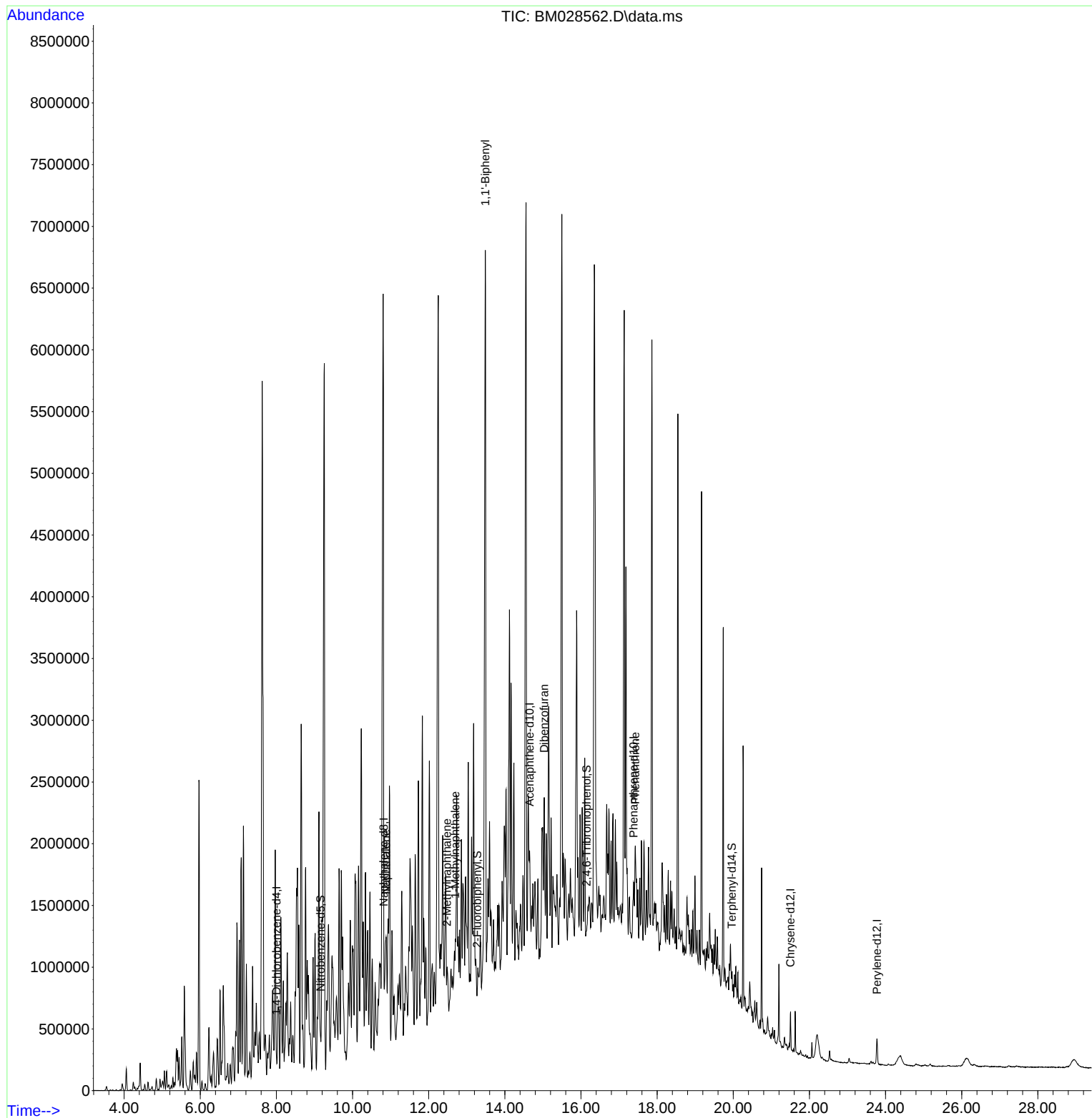
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	41958	20.00	ng	0.01
21) Naphthalene-d8	10.822	136	153122	20.00	ng	# 0.02
39) Acenaphthene-d10	14.651	164	83023	20.00	ng	0.02
64) Phenanthrene-d10	17.380	188	141842	20.00	ng	# 0.02
76) Chrysene-d12	21.503	240	132570	20.00	ng	# 0.00
86) Perylene-d12	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
31) Naphthalene	10.875	128	113702	13.14	ng	# 71
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
55) Dibenzofuran	15.033	168	26075	3.18	ng	# 25
71) Phenanthrene	17.421	178	21475	2.46	ng	# 68

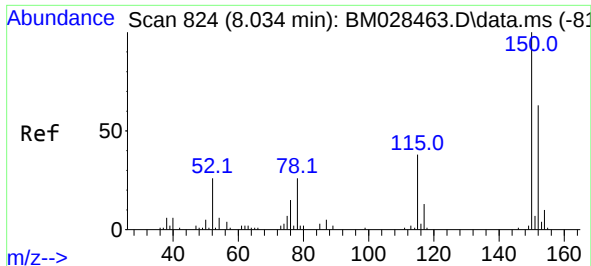
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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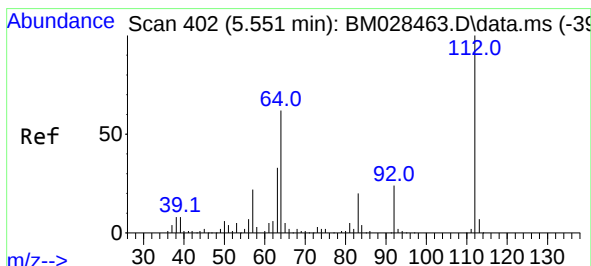
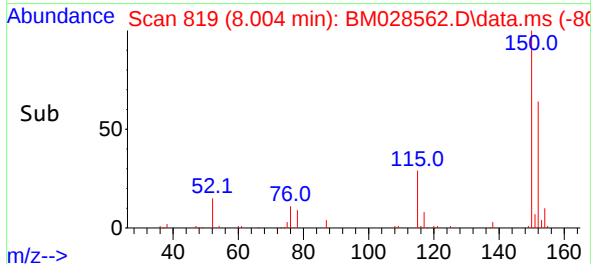
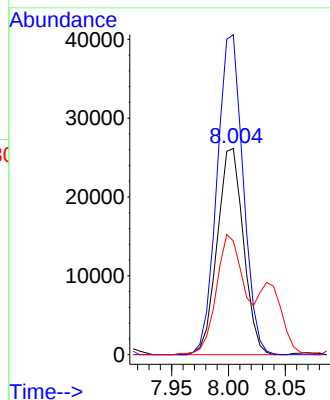
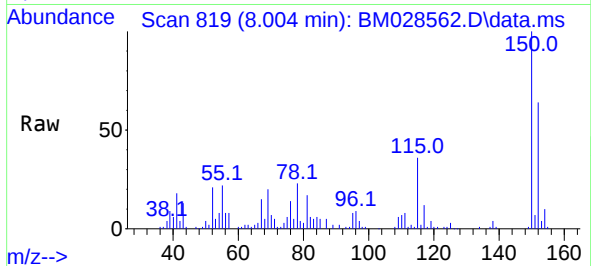




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.004 min Scan# 819
Delta R.T. 0.011 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

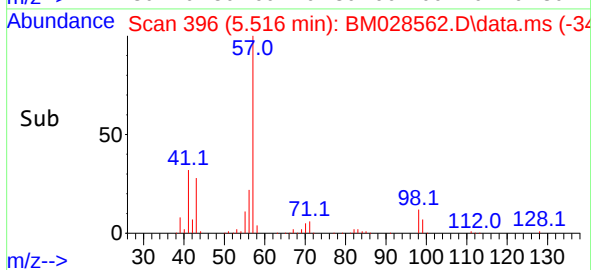
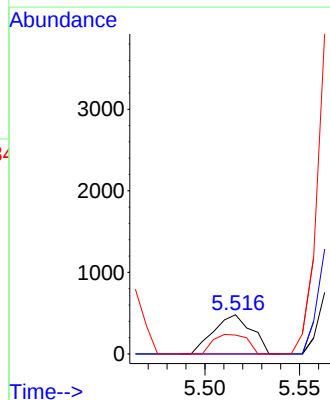
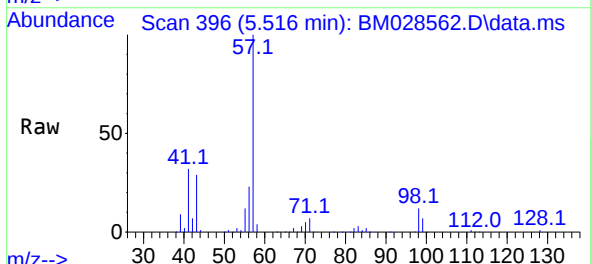
Instrument :
BNA_M
ClientSampled :
PS-104

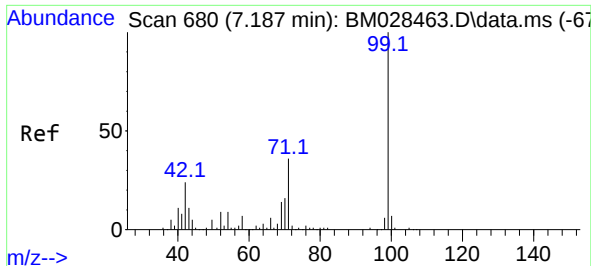
Tgt Ion:152 Resp: 41958
Ion Ratio Lower Upper
152 100
150 155.1 120.6 181.0
115 55.2 47.2 70.8



#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#

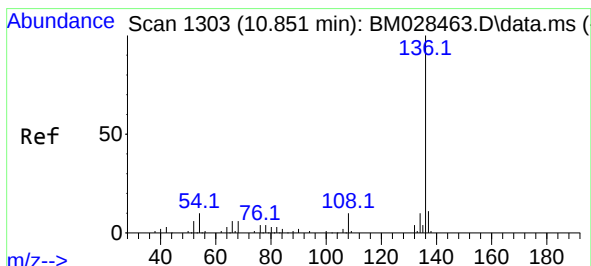
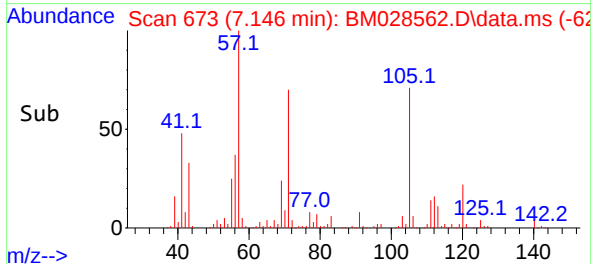
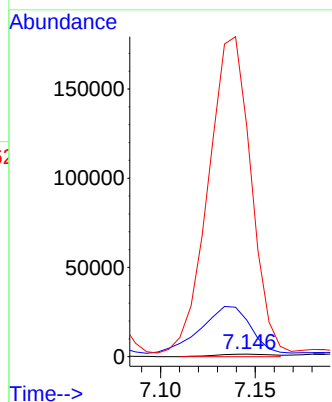
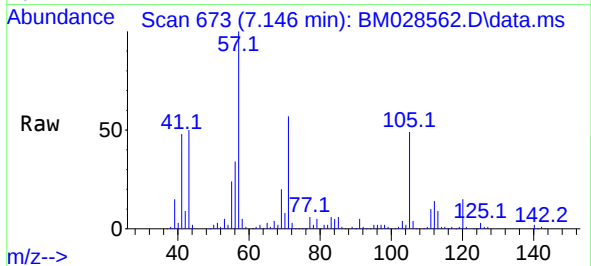




#7
Phenol-d6
Concen: 0.83 ng
RT: 7.146 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

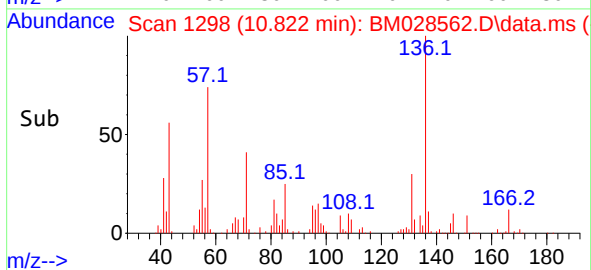
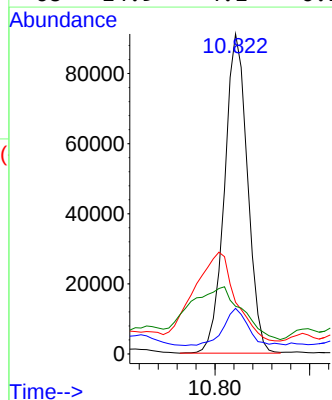
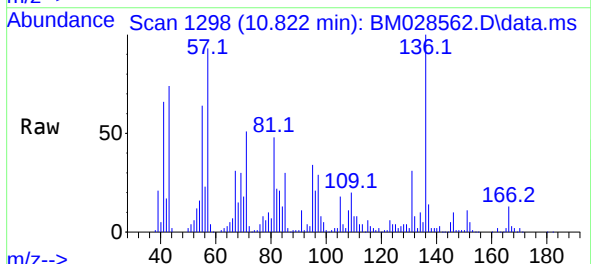
Instrument :
BNA_M
ClientSampled :
PS-104

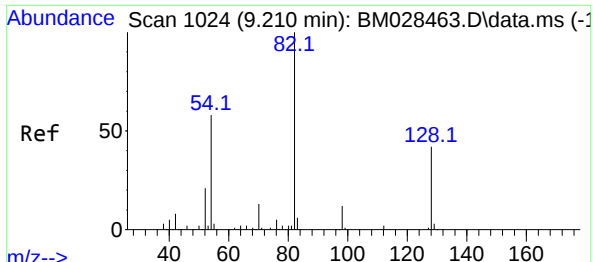
Tgt Ion: 99 Resp: 3010
Ion Ratio Lower Upper
99 100
42 1471.8 13.5 20.3#
71 9243.5 39.4 59.0#



#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

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#

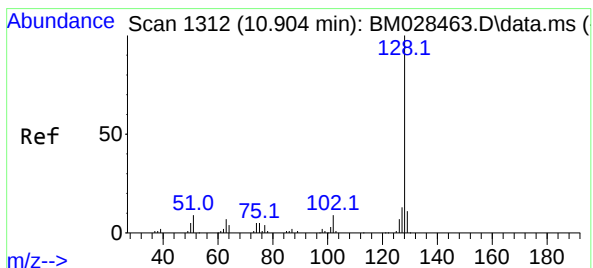
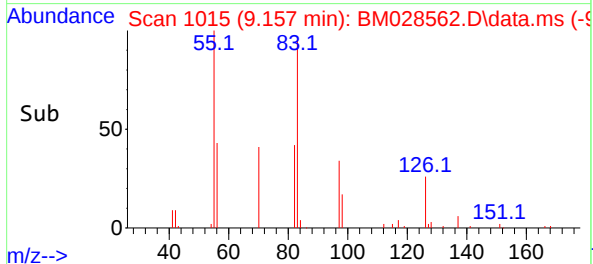
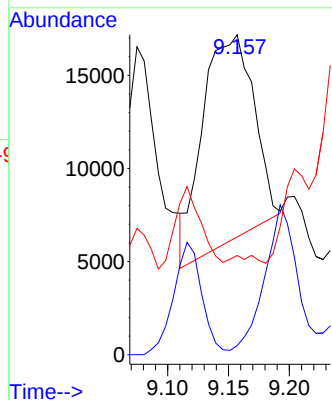
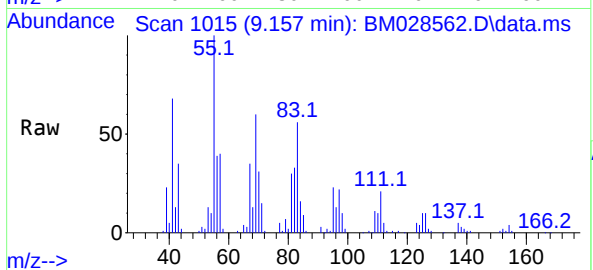




#23
Nitrobenzene-d5
Concen: 10.17 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

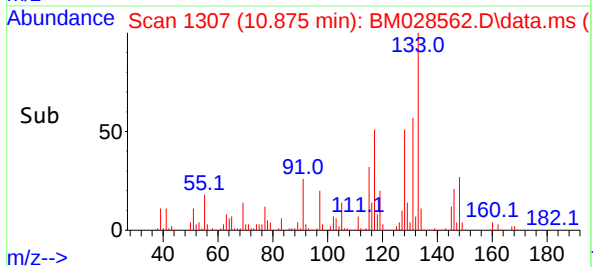
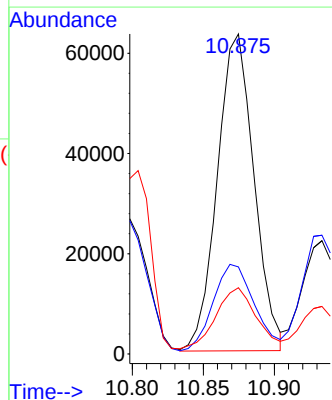
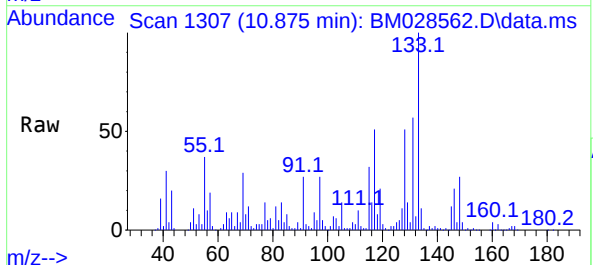
Instrument :
BNA_M
ClientSampleId :
PS-104

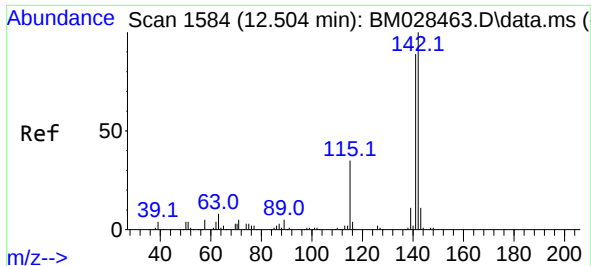
Tgt Ion: 82 Resp: 32834
Ion Ratio Lower Upper
82 100
128 2.9 27.4 41.0#
54 31.0 31.4 47.0#



#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

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#

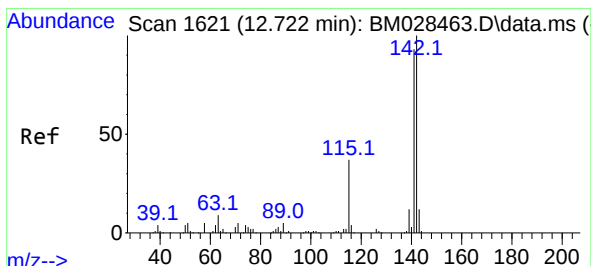
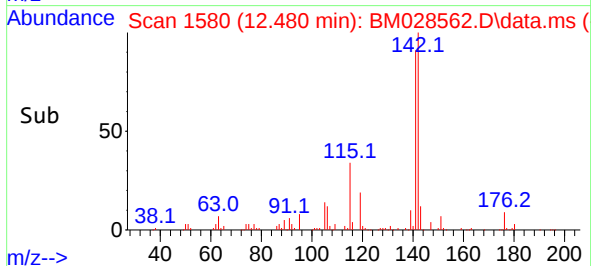
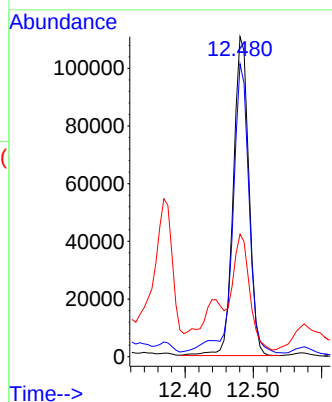
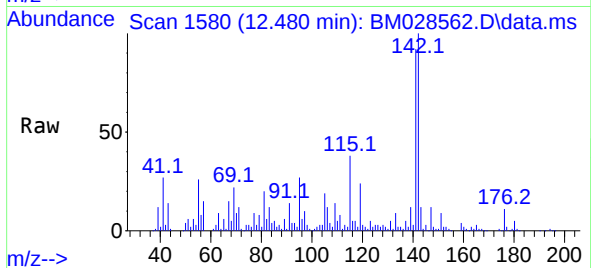




#37
2-Methylnaphthalene
Concen: 29.47 ng
RT: 12.480 min Scan# 1580
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

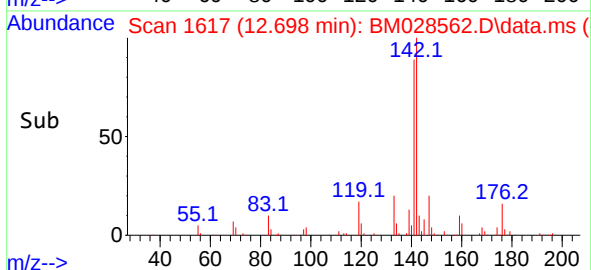
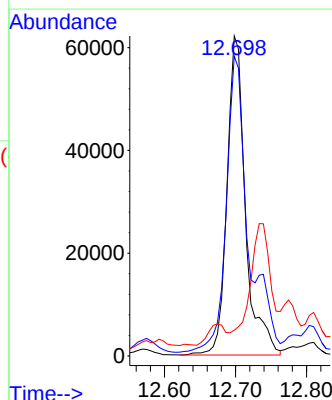
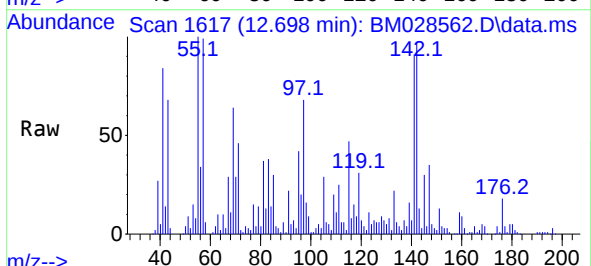
Instrument :
BNA_M
ClientSampled :
PS-104

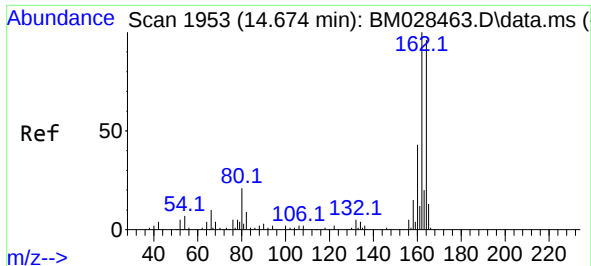
Tgt Ion:142 Resp: 175765
Ion Ratio Lower Upper
142 100
141 91.5 70.3 105.5
115 38.3 32.2 48.4



#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#

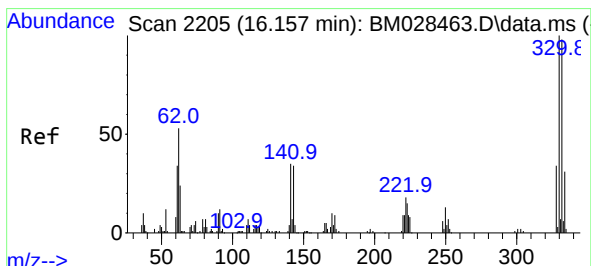
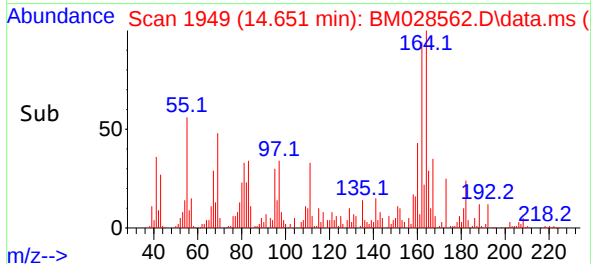
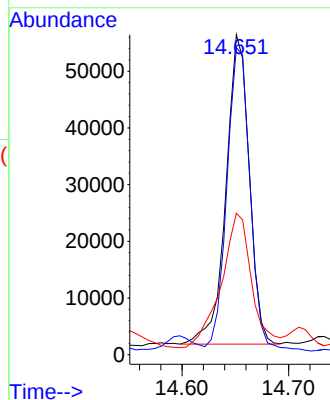
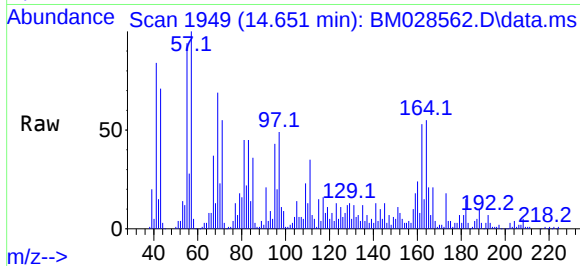




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

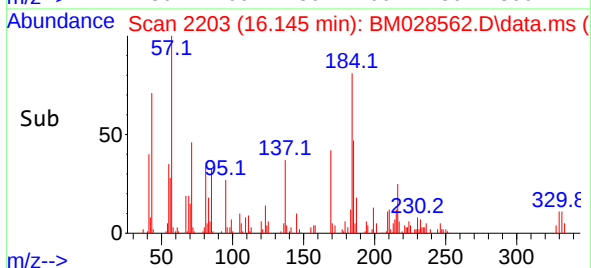
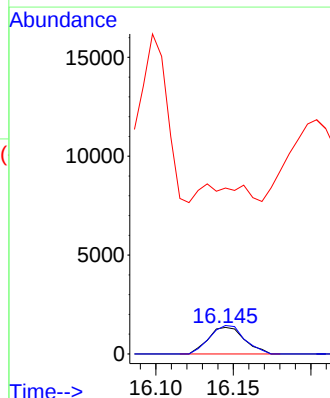
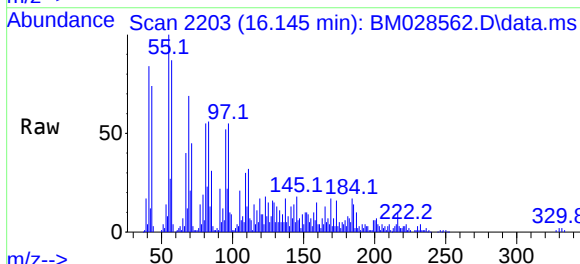
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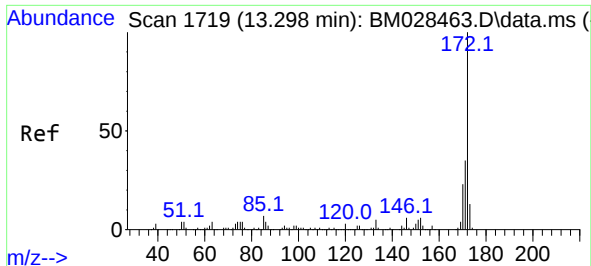
Tgt Ion:	164	Resp:	83023
Ion Ratio	Lower	Upper	
164	100		
162	96.0	80.4	120.6
160	44.2	35.9	53.9



#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#



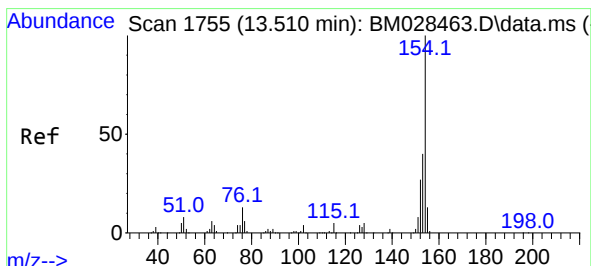
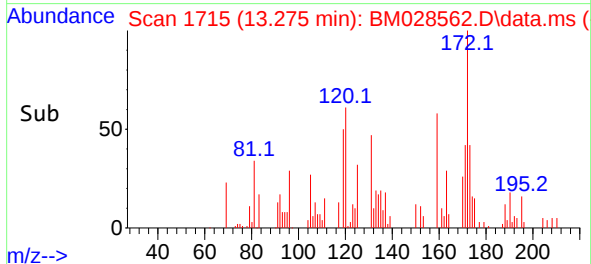
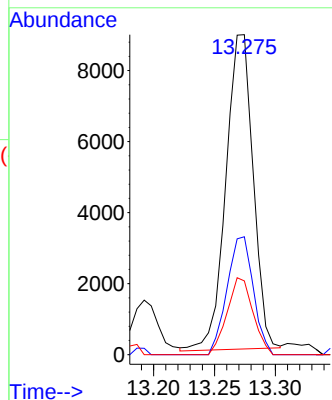
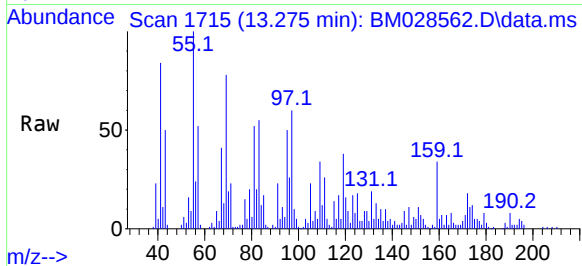


#45
2-Fluorobiphenyl
Concen: 2.09 ng
RT: 13.275 min Scan# 1715
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

Instrument :
BNA_M
ClientSampled :
PS-104

Tgt Ion:172 Resp: 13831

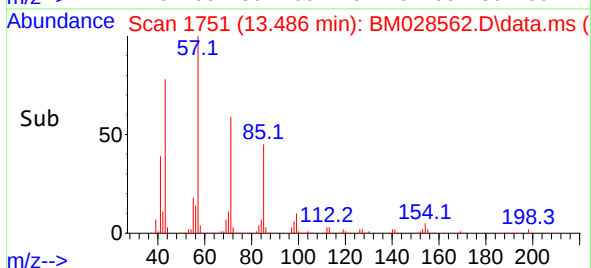
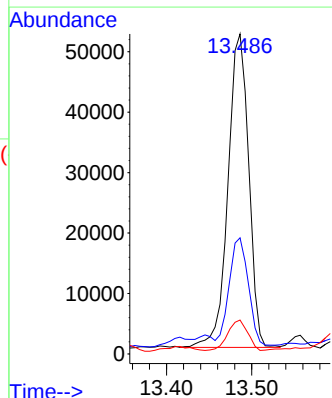
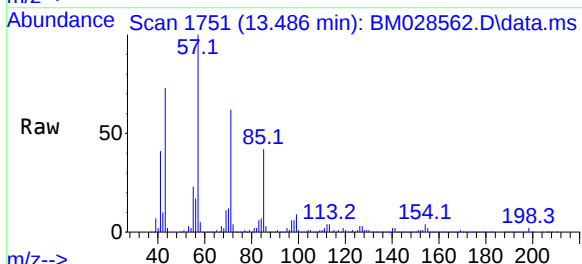
Ion	Ratio	Lower	Upper
172	100		
171	36.9	27.8	41.8
170	23.1	18.6	27.8

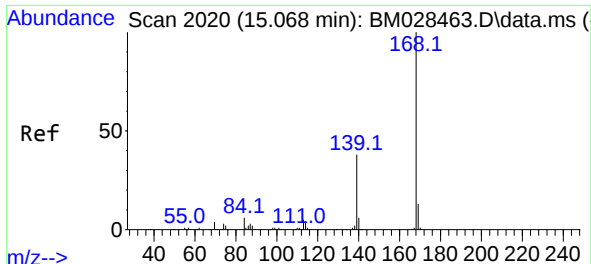


#46
1,1'-Biphenyl
Concen: 12.36 ng
RT: 13.486 min Scan# 1751
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

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

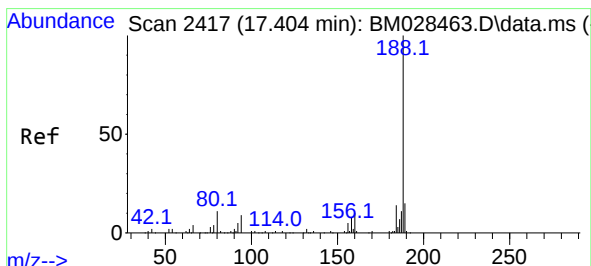
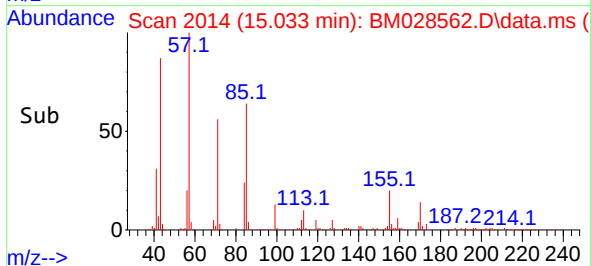
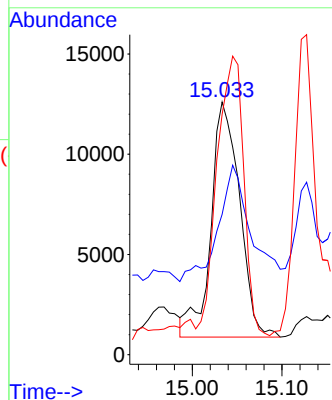
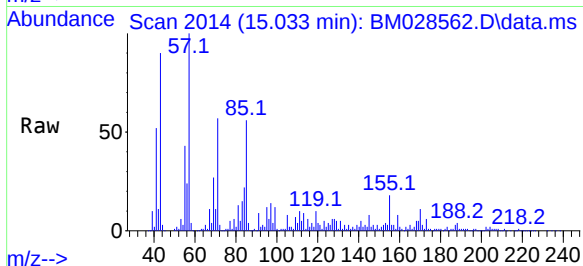




#55
Dibenzenofuran
Concen: 3.18 ng
RT: 15.033 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

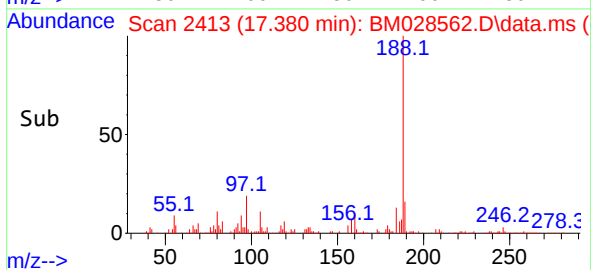
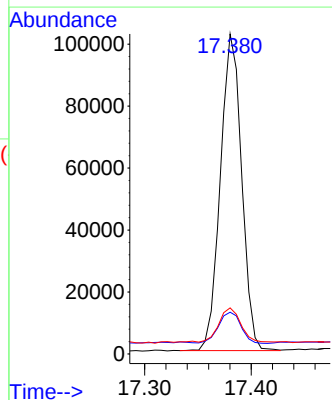
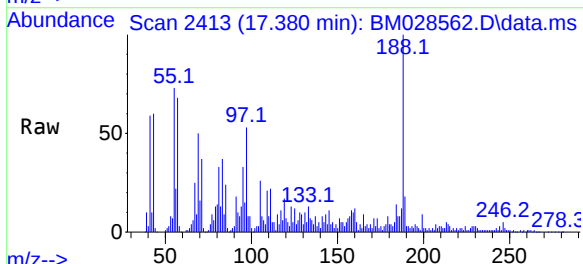
Instrument :
BNA_M
ClientSampleId :
PS-104

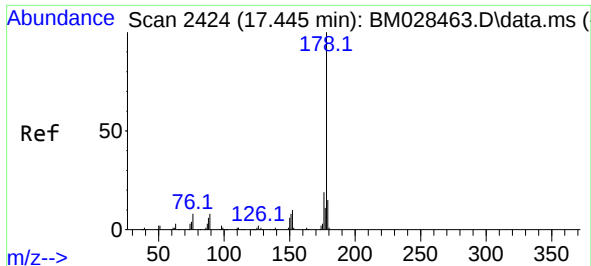
Tgt Ion:168 Resp: 26075
Ion Ratio Lower Upper
168 100
139 55.5 30.2 45.4#
169 95.1 10.6 16.0#



#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#

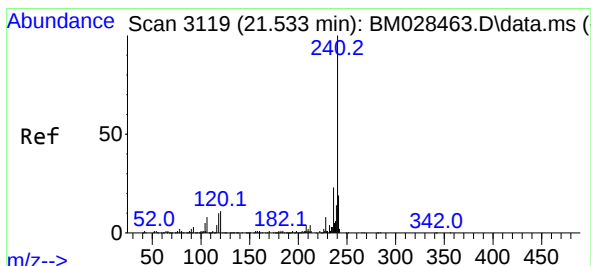
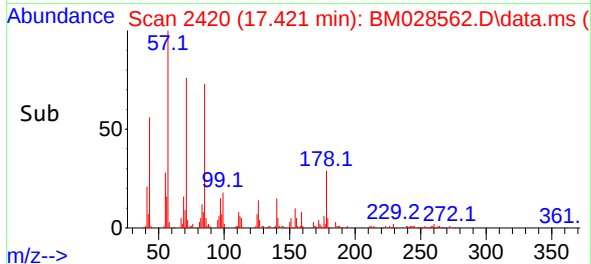
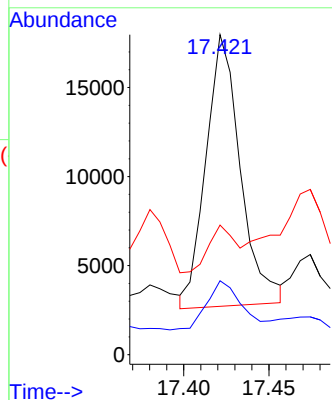
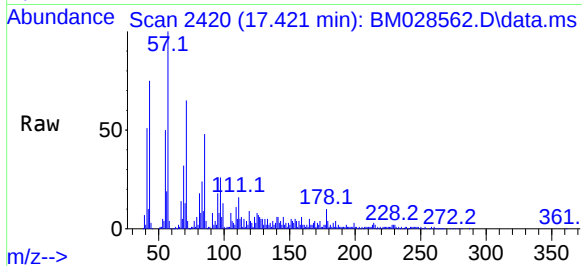




#71
Phenanthrene
Concen: 2.46 ng
RT: 17.421 min Scan# 2420
Delta R.T. 0.017 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

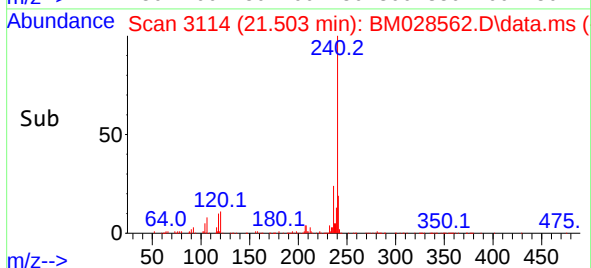
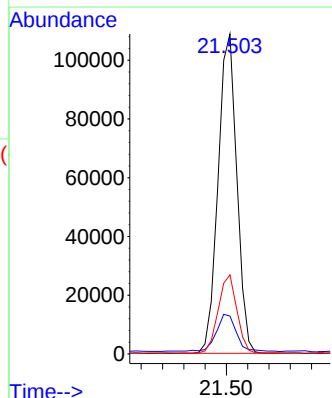
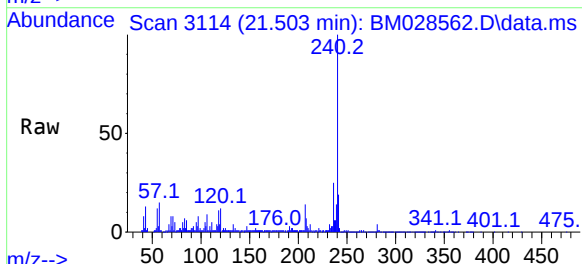
Instrument :
BNA_M
ClientSampled :
PS-104

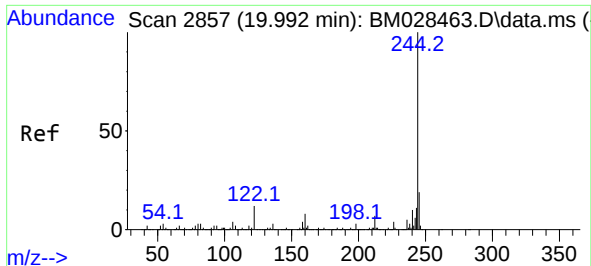
Tgt Ion:178 Resp: 21475
Ion Ratio Lower Upper
178 100
176 23.1 15.0 22.6#
179 40.5 12.2 18.4#



#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



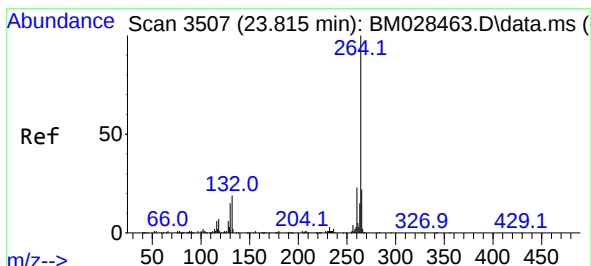
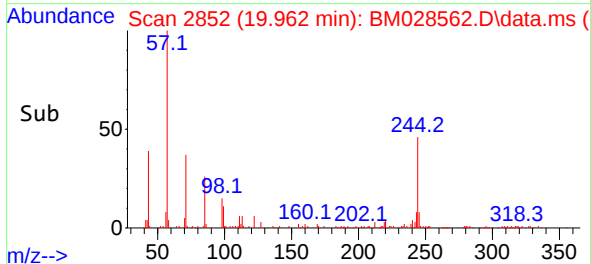
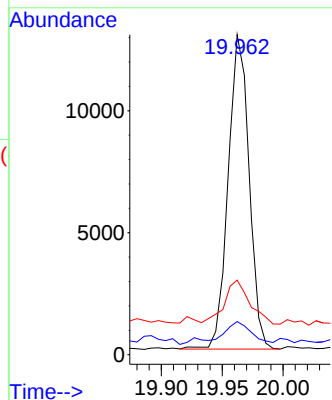
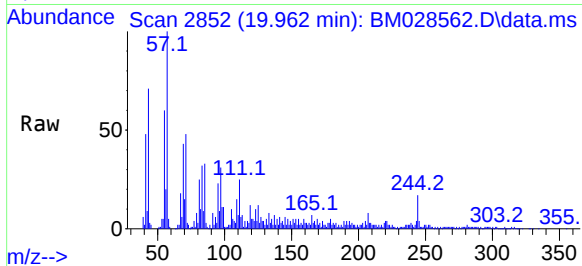


#79
Terphenyl-d14
Concen: 2.10 ng
RT: 19.962 min Scan# 2852
Delta R.T. 0.006 min
Lab File: BM028562.D
Acq: 27 Jan 2021 04:01

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

