

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029518.D
 Acq On : 16 Apr 2021 12:51
 Operator : CG/JU
 Sample : M2025-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 105-GW-1

Quant Time: Apr 16 13:53:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

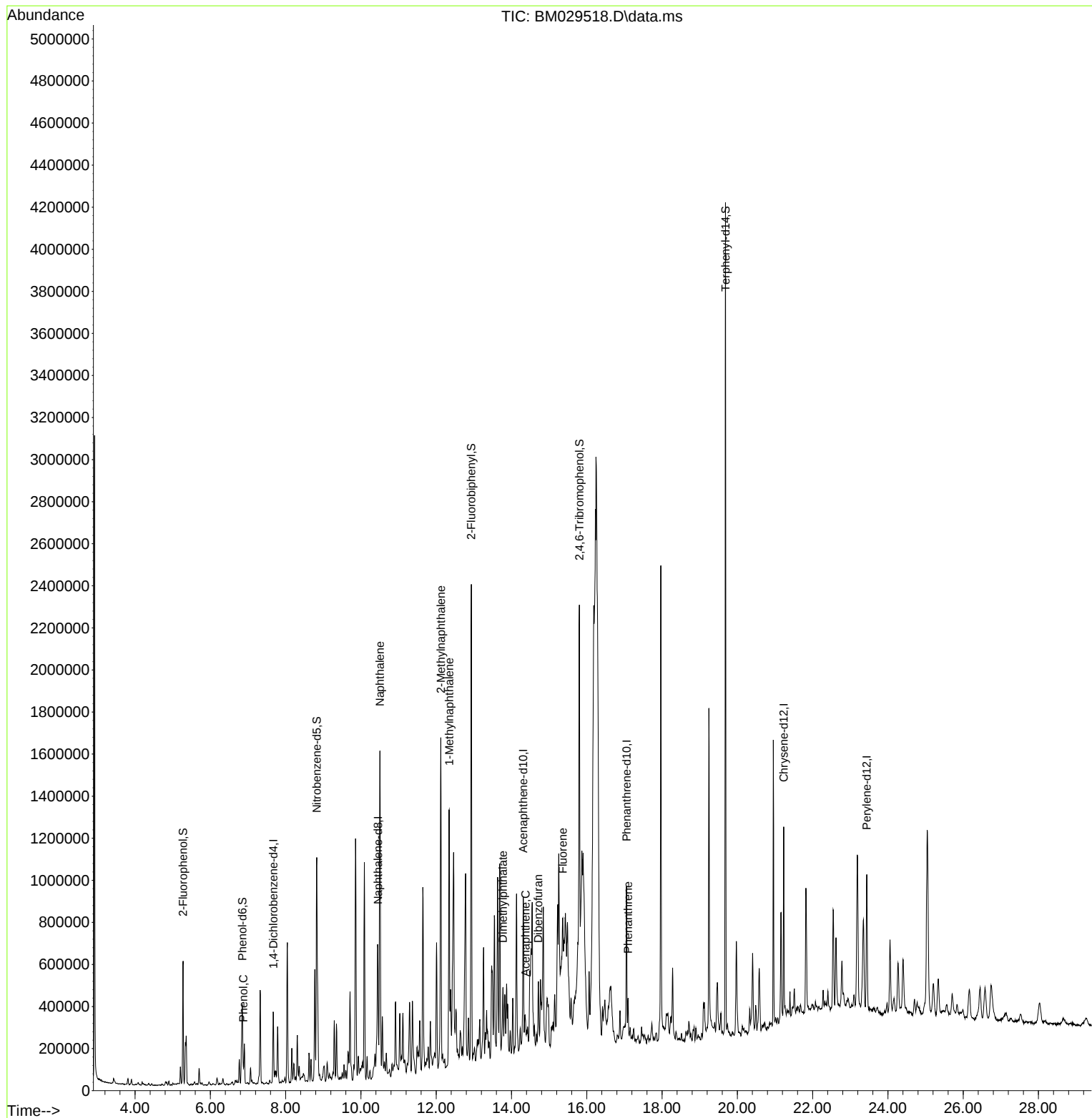
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	77137	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	305227	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	182630	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	350177	20.00	ng	0.00
76) Chrysene-d12	21.233	240	349321	20.00	ng	0.00
86) Perylene-d12	23.439	264	361785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	202988	43.45	ng	0.00
7) Phenol-d6	6.852	99	166478	25.24	ng	0.00
23) Nitrobenzene-d5	8.828	82	566648	85.11	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	183993	100.80	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	995845	75.97	ng	0.00
79) Terphenyl-d14	19.686	244	1360755	73.99	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.875	94	27872	4.30	ng	93
31) Naphthalene	10.504	128	901028	56.01	ng	100
37) 2-Methylnaphthalene	12.122	142	659201	58.14	ng	98
38) 1-Methylnaphthalene	12.345	142	483885	45.12	ng	98
50) Dimethylphthalate	13.775	163	131797	9.99	ng	# 95
52) Acenaphthene	14.375	154	34025	3.23	ng	98
55) Dibenzofuran	14.710	168	35950	2.17	ng	# 67
58) Fluorene	15.363	166	60826	4.48	ng	# 94
71) Phenanthrene	17.098	178	104777	5.17	ng	99

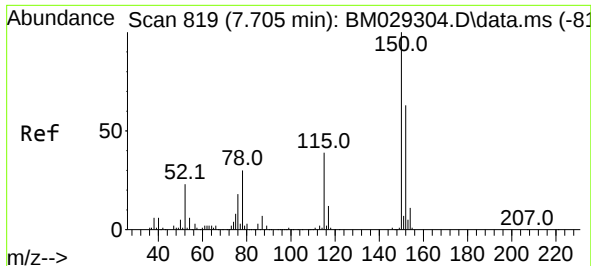
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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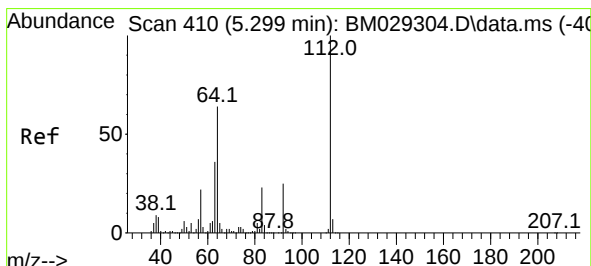
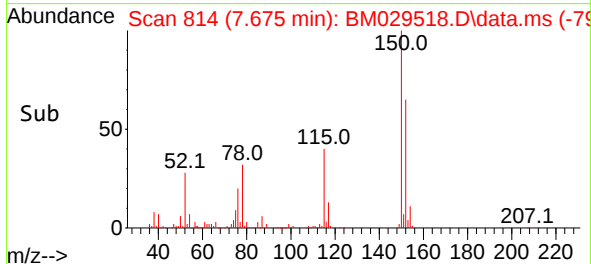
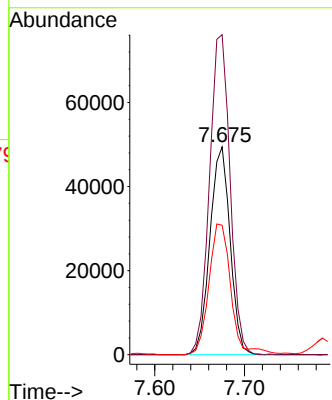
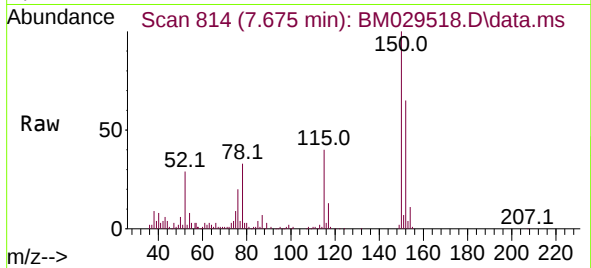




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

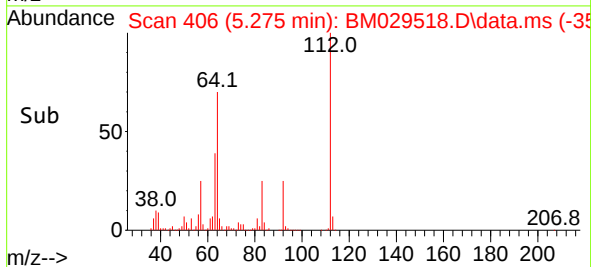
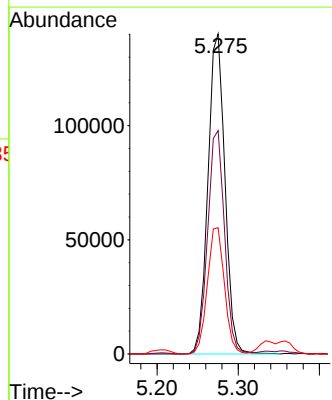
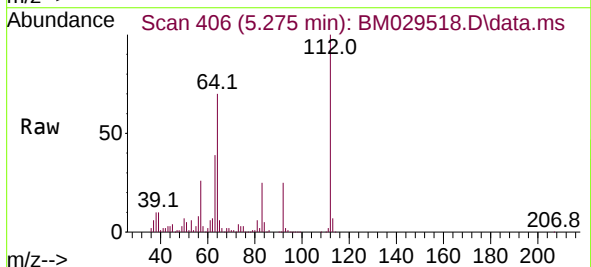
Instrument :
BNA_M
ClientSampled :
105-GW-1

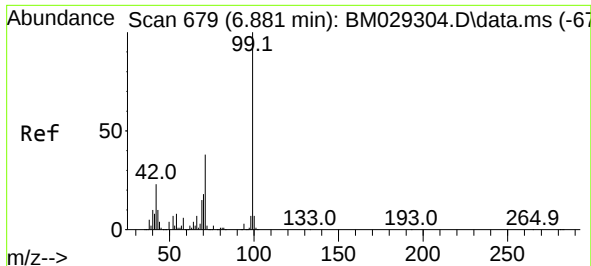
Tgt Ion:152 Resp: 77137
Ion Ratio Lower Upper
152 100
150 153.9 124.3 186.5
115 62.3 46.4 69.6



#5
2-Fluorophenol
Concen: 43.45 ng
RT: 5.275 min Scan# 406
Delta R.T. 0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:112 Resp: 202988
Ion Ratio Lower Upper
112 100
64 69.8 51.6 77.4
63 39.5 29.0 43.4

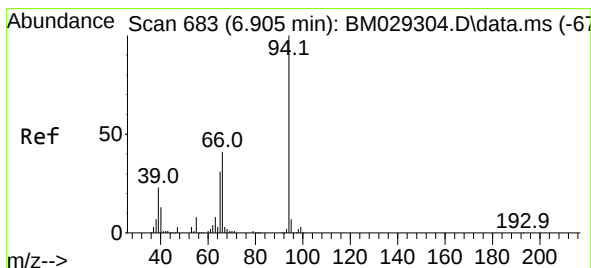
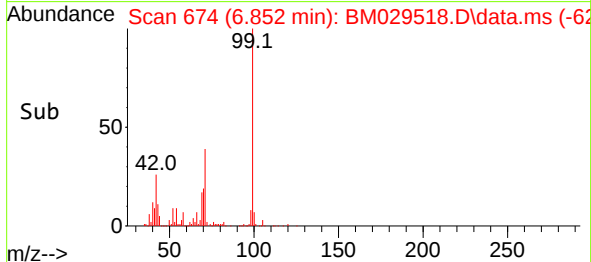
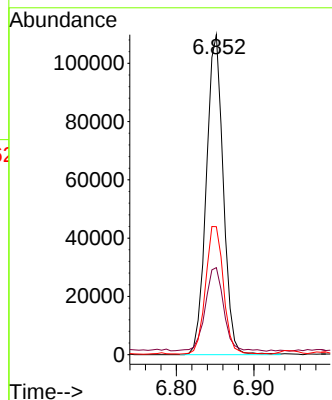
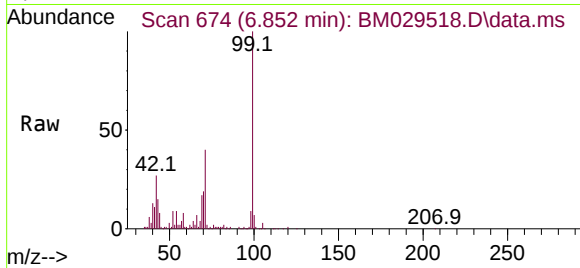




#7
Phenol-d6
Concen: 25.24 ng
RT: 6.852 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

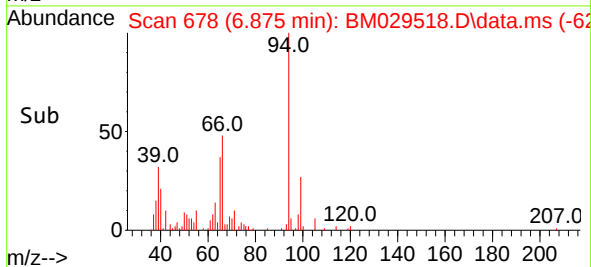
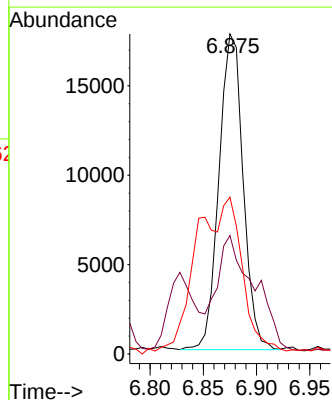
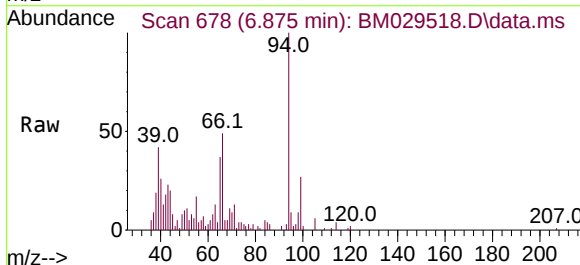
Instrument :
BNA_M
ClientSampleId :
105-GW-1

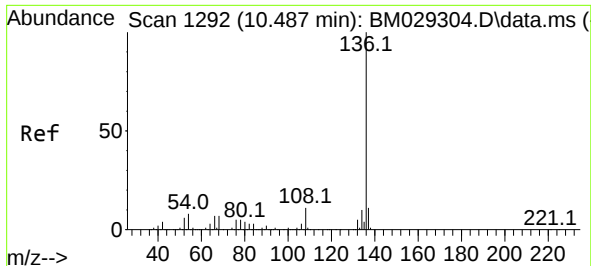
Tgt Ion: 99 Resp: 166478
Ion Ratio Lower Upper
99 100
42 27.2 18.5 27.7
71 40.0 31.8 47.6



#10
Phenol
Concen: 4.30 ng
RT: 6.875 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion: 94 Resp: 27872
Ion Ratio Lower Upper
94 100
65 37.0 13.0 53.0
66 49.0 24.1 64.1

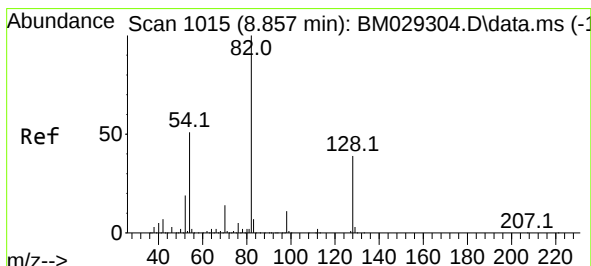
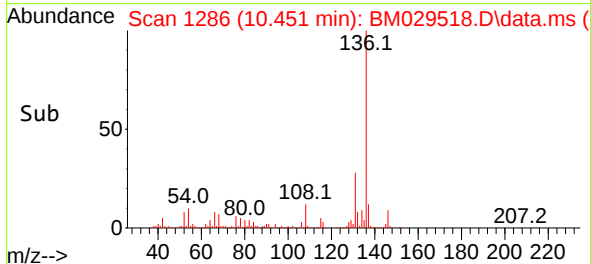
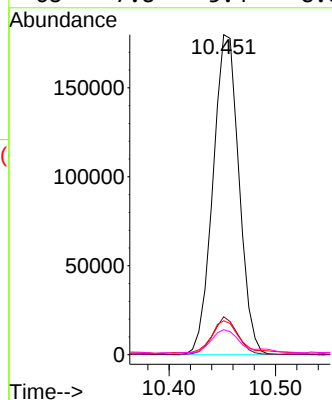
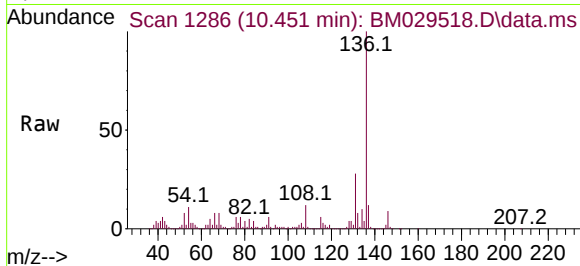




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

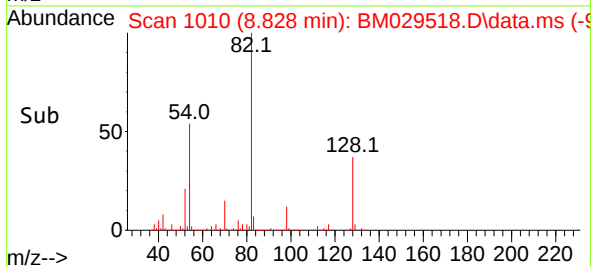
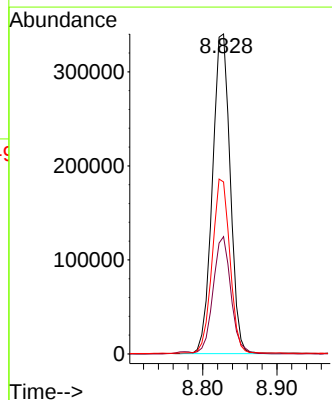
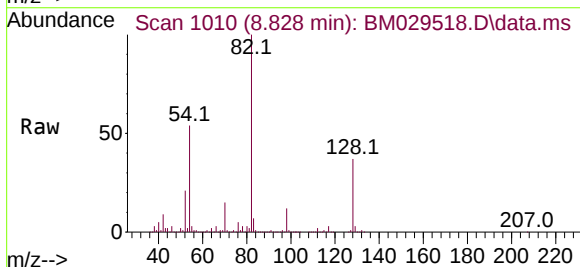
Instrument :
BNA_M
ClientSampleId :
105-GW-1

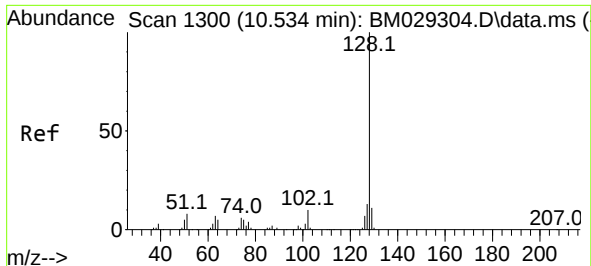
Tgt Ion:136	Resp: 305227
Ion Ratio	Lower Upper
136	100
137	11.9 9.3 13.9
54	10.6 6.9 10.3#
68	7.8 5.4 8.0



#23
Nitrobenzene-d5
Concen: 85.11 ng
RT: 8.828 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion: 82	Resp: 566648
Ion Ratio	Lower Upper
82	100
128	36.7 28.6 42.8
54	53.7 40.7 61.1

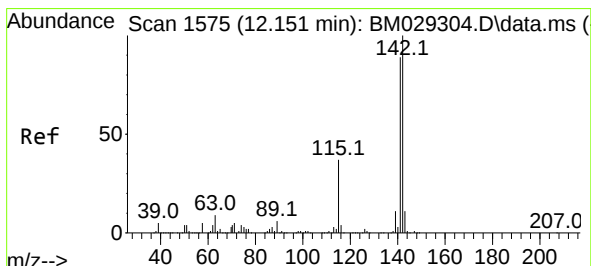
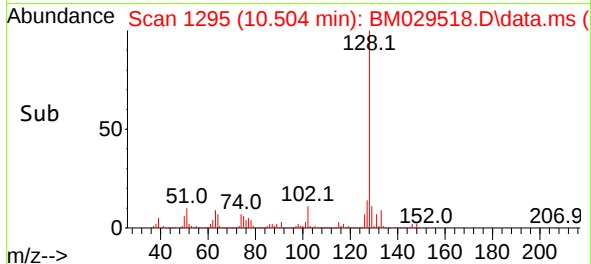
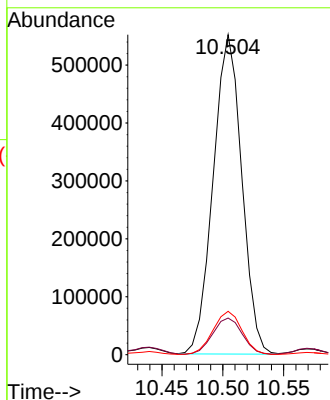
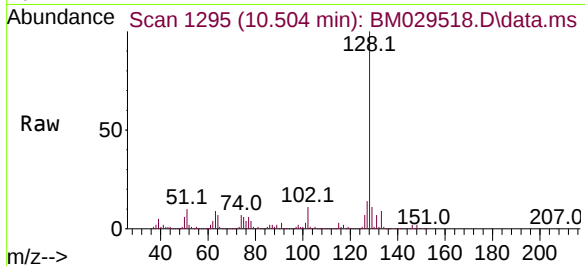




#31
Naphthalene
Concen: 56.01 ng
RT: 10.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

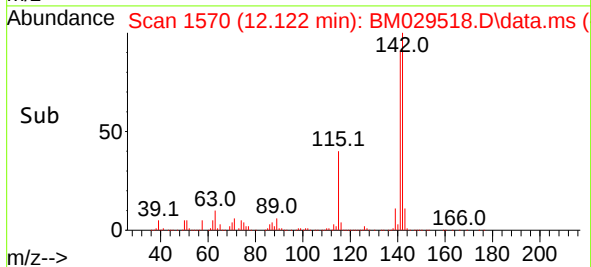
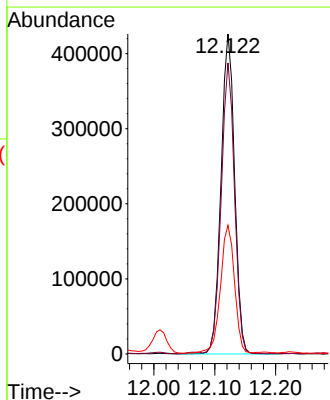
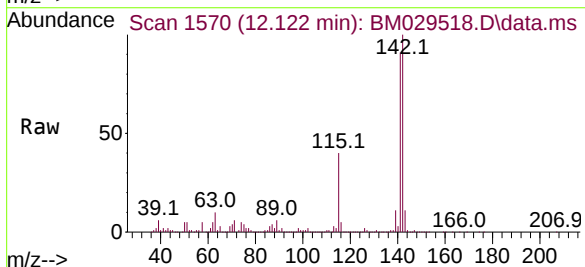
Instrument :
BNA_M
ClientSampleId :
105-GW-1

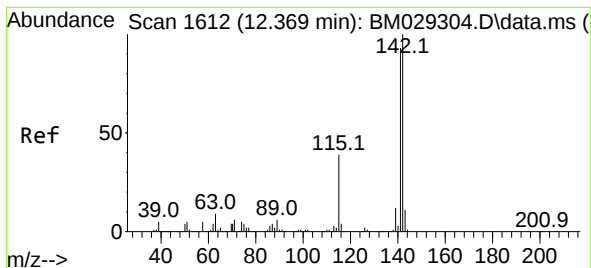
Tgt Ion:128 Resp: 901028
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.7 16.1



#37
2-Methylnaphthalene
Concen: 58.14 ng
RT: 12.122 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:142 Resp: 659201
Ion Ratio Lower Upper
142 100
141 91.0 72.0 108.0
115 40.2 29.8 44.6

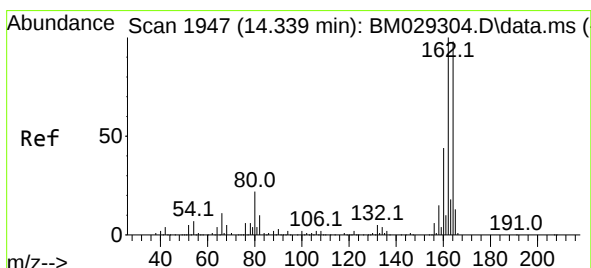
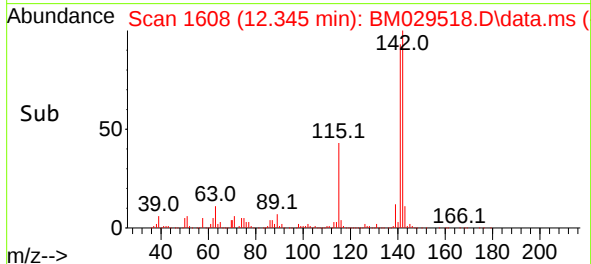
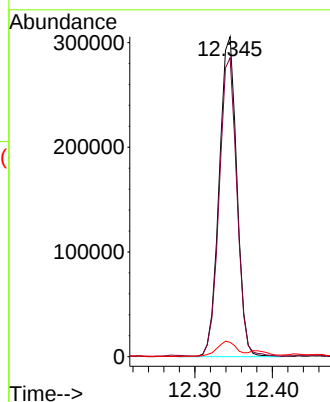
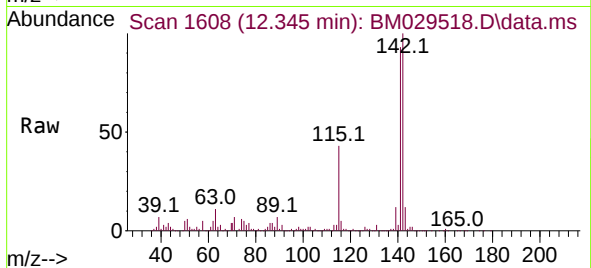




#38
1-Methylnaphthalene
Concen: 45.12 ng
RT: 12.345 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

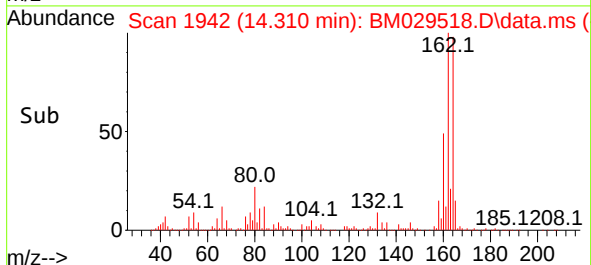
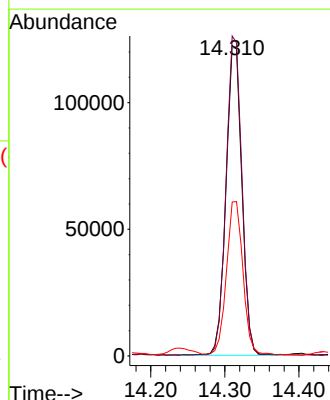
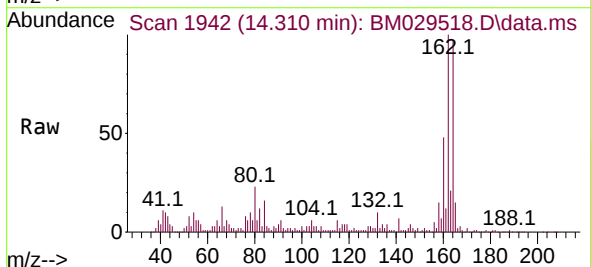
Instrument :
BNA_M
ClientSampled :
105-GW-1

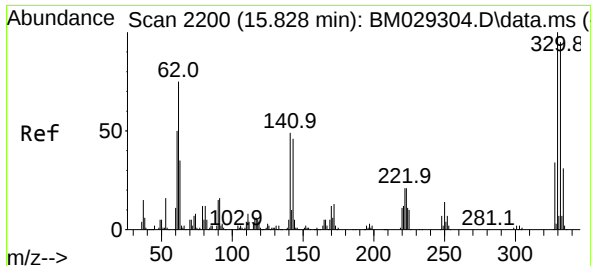
Tgt Ion:142 Resp: 483885
Ion Ratio Lower Upper
142 100
141 93.4 73.5 110.3
116 4.5 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:164 Resp: 182630
Ion Ratio Lower Upper
164 100
162 103.0 84.4 126.6
160 49.6 36.6 54.8

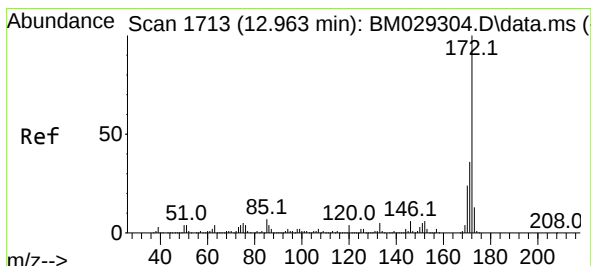
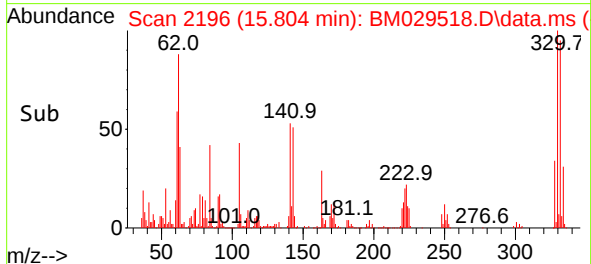
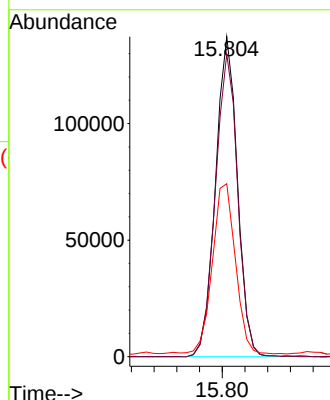
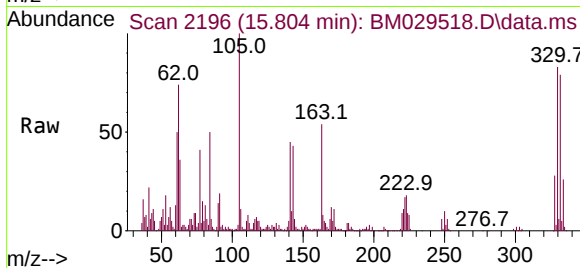




#42
2,4,6-Tribromophenol
Concen: 100.80 ng
RT: 15.804 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

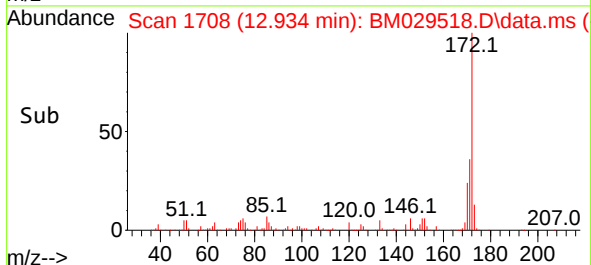
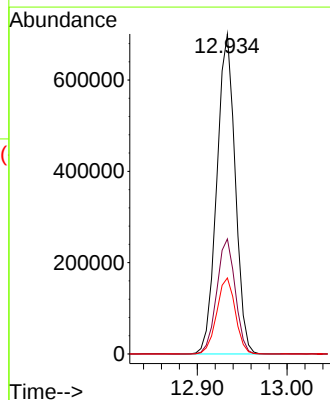
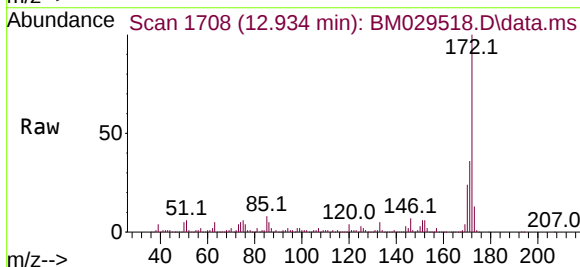
Instrument :
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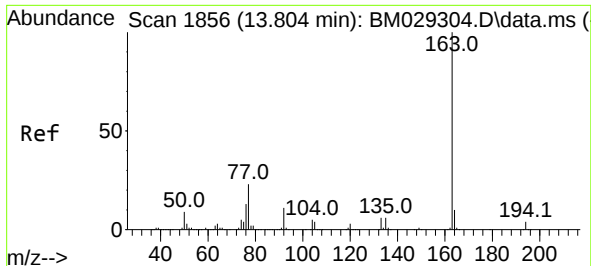
Tgt Ion:330 Resp: 183993
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 56.2 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 75.97 ng
RT: 12.934 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:172 Resp: 995845
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.7 18.8 28.2

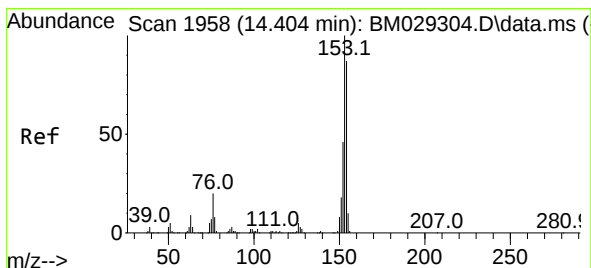
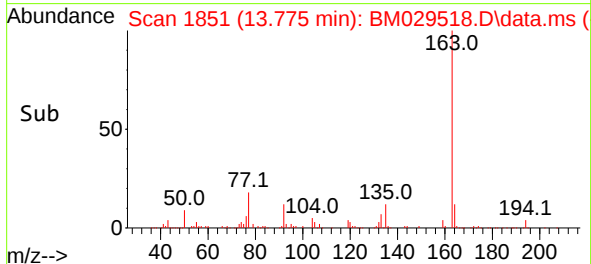
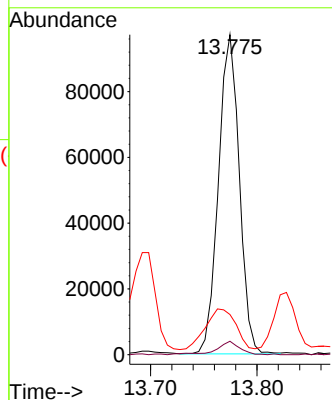
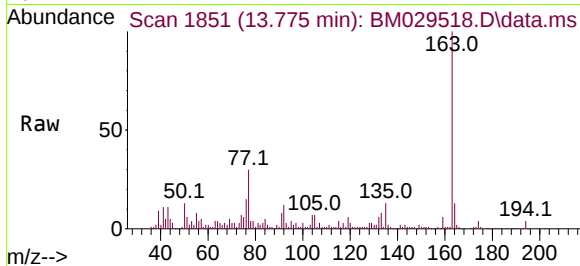




#50
Dimethylphthalate
Concen: 9.99 ng
RT: 13.775 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

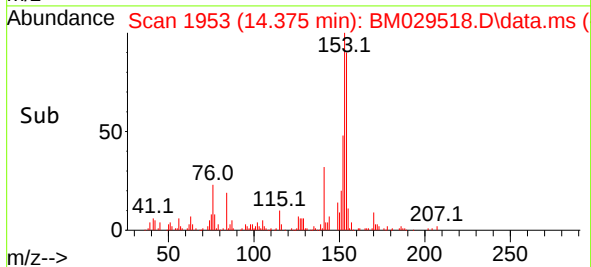
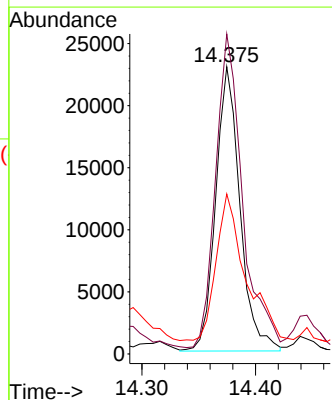
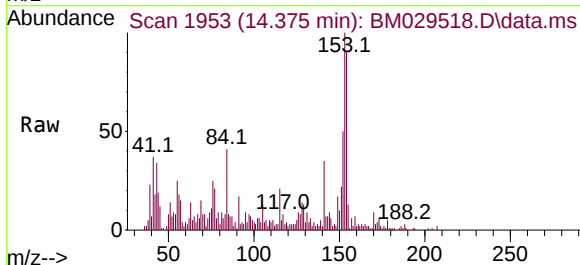
Instrument :
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ClientSampleId :
105-GW-1

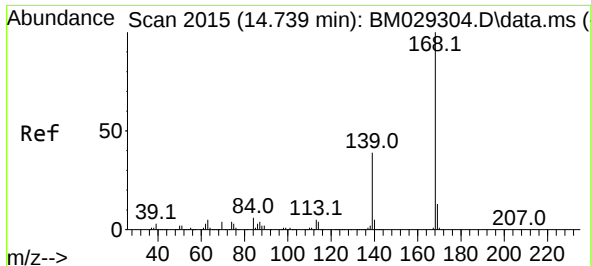
Tgt Ion:163 Resp: 131797
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 12.6 7.9 11.9#



#52
Acenaphthene
Concen: 3.23 ng
RT: 14.375 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:154 Resp: 34025
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 55.7 43.4 65.2

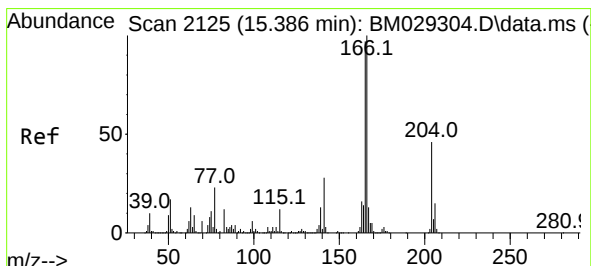
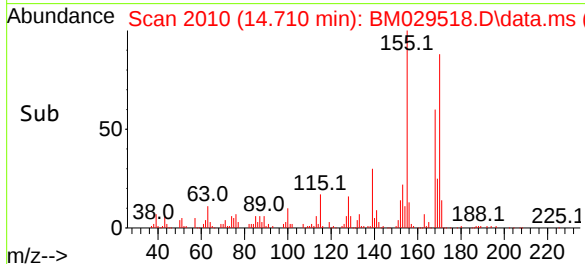
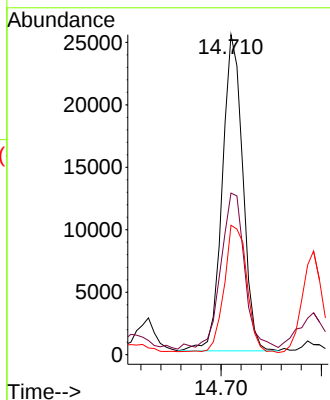
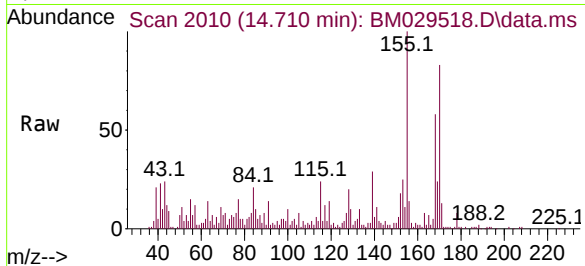




#55
Dibenzofuran
Concen: 2.17 ng
RT: 14.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

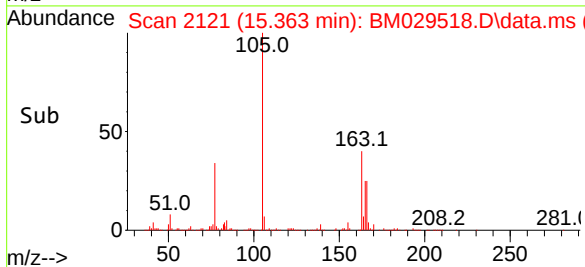
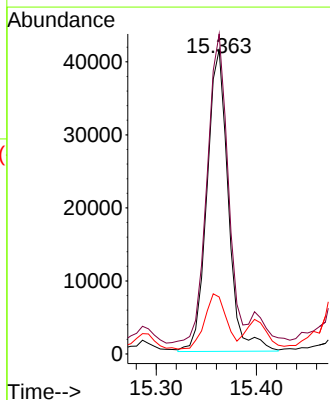
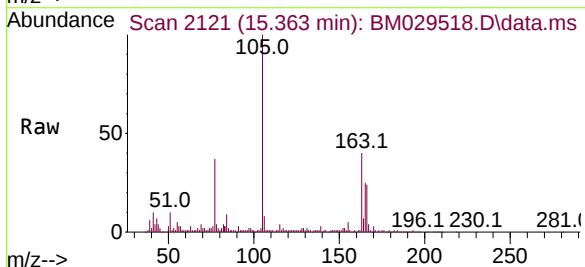
Instrument :
BNA_M
ClientSampleId :
105-GW-1

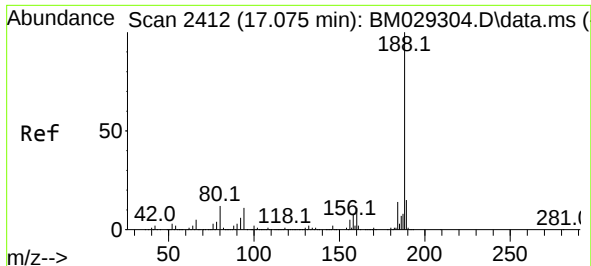
Tgt Ion:168 Resp: 35950
Ion Ratio Lower Upper
168 100
139 50.5 30.6 46.0#
169 40.4 10.2 15.4#



#58
Fluorene
Concen: 4.48 ng
RT: 15.363 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:166 Resp: 60826
Ion Ratio Lower Upper
166 100
165 105.1 79.6 119.4
167 18.7 11.0 16.6#

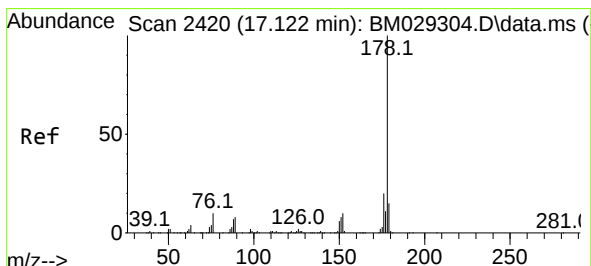
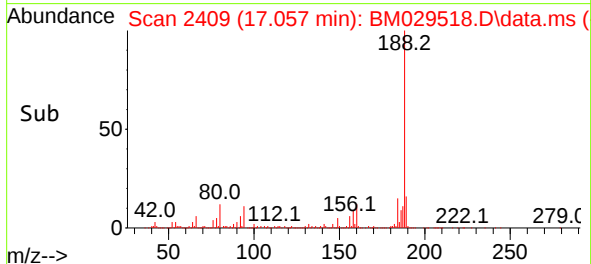
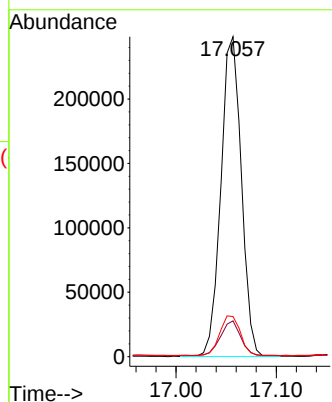
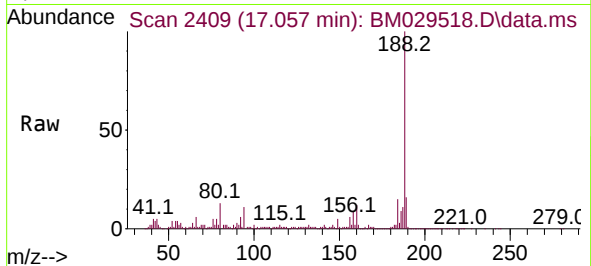




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

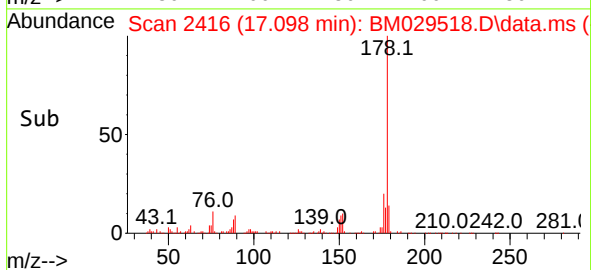
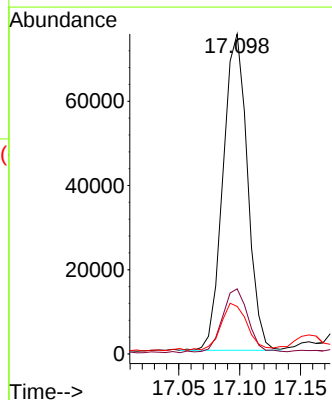
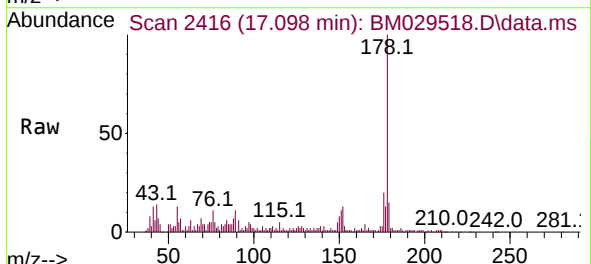
Instrument :
BNA_M
ClientSampleId :
105-GW-1

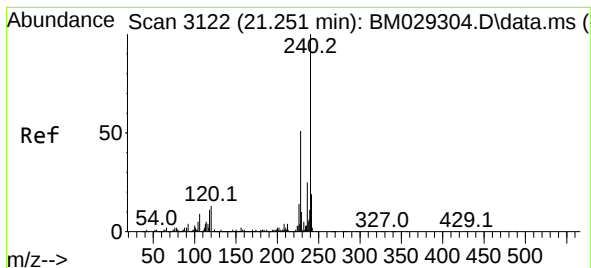
Tgt Ion:188 Resp: 350177
Ion Ratio Lower Upper
188 100
94 11.2 8.1 12.1
80 12.6 9.2 13.8



#71
Phenanthrene
Concen: 5.17 ng
RT: 17.098 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Tgt Ion:178 Resp: 104777
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 14.9 11.9 17.9





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.233 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM029518.D

Acq: 16 Apr 2021 12:51

Tgt Ion:240 Resp: 349321

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.6

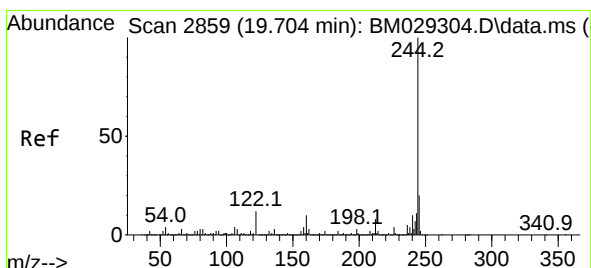
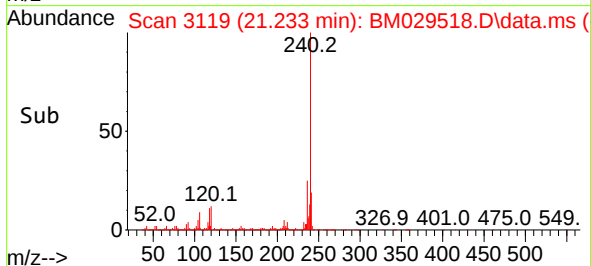
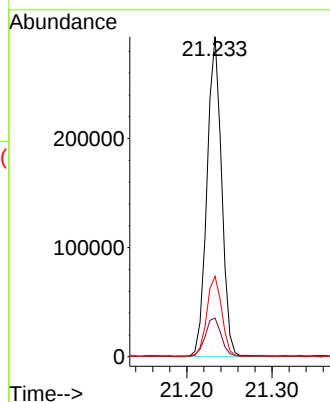
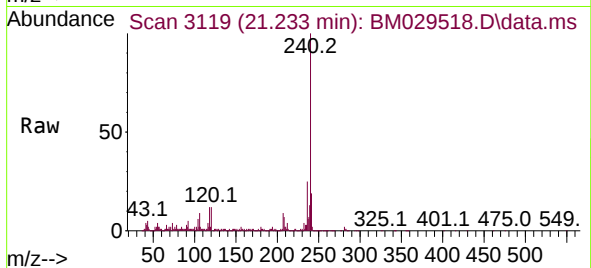
236 25.1 20.3 30.5

Instrument :

BNA_M

ClientSampleId :

105-GW-1



#79

Terphenyl-d14

Concen: 73.99 ng

RT: 19.686 min Scan# 2856

Delta R.T. 0.000 min

Lab File: BM029518.D

Acq: 16 Apr 2021 12:51

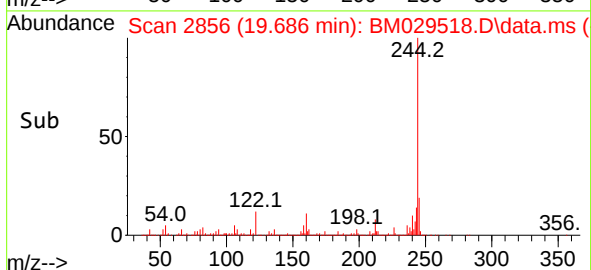
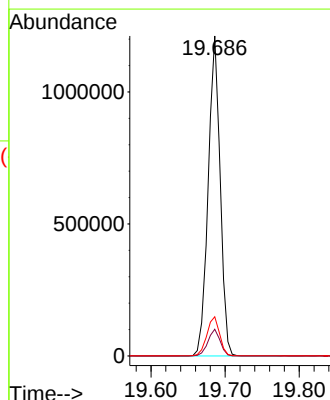
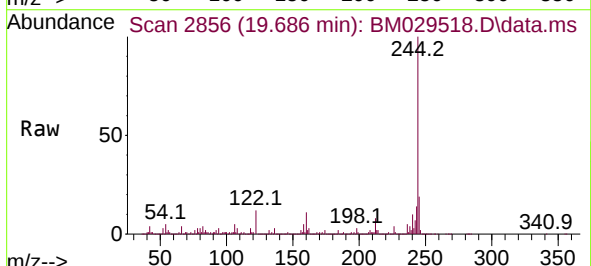
Tgt Ion:244 Resp: 1360755

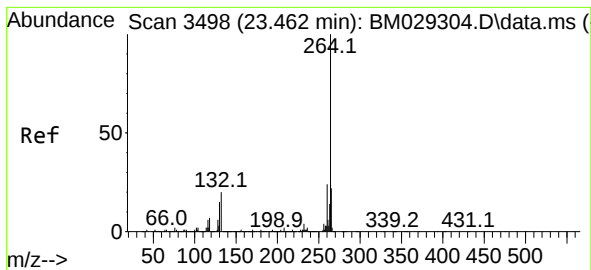
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 12.3 9.2 13.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.439 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM029518.D
Acq: 16 Apr 2021 12:51

Instrument :
BNA_M
ClientSampleId :
105-GW-1

Tgt Ion:264	Resp:	361785
Ion	Ratio	Lower Upper
264	100	
260	24.8	19.6 29.4
265	21.6	17.8 26.8

