

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036218.D
 Acq On : 11 Aug 2022 20:36
 Operator : CG/JU
 Sample : N4102-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PPE-DRUMS-0808

Quant Time: Aug 12 02:18:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

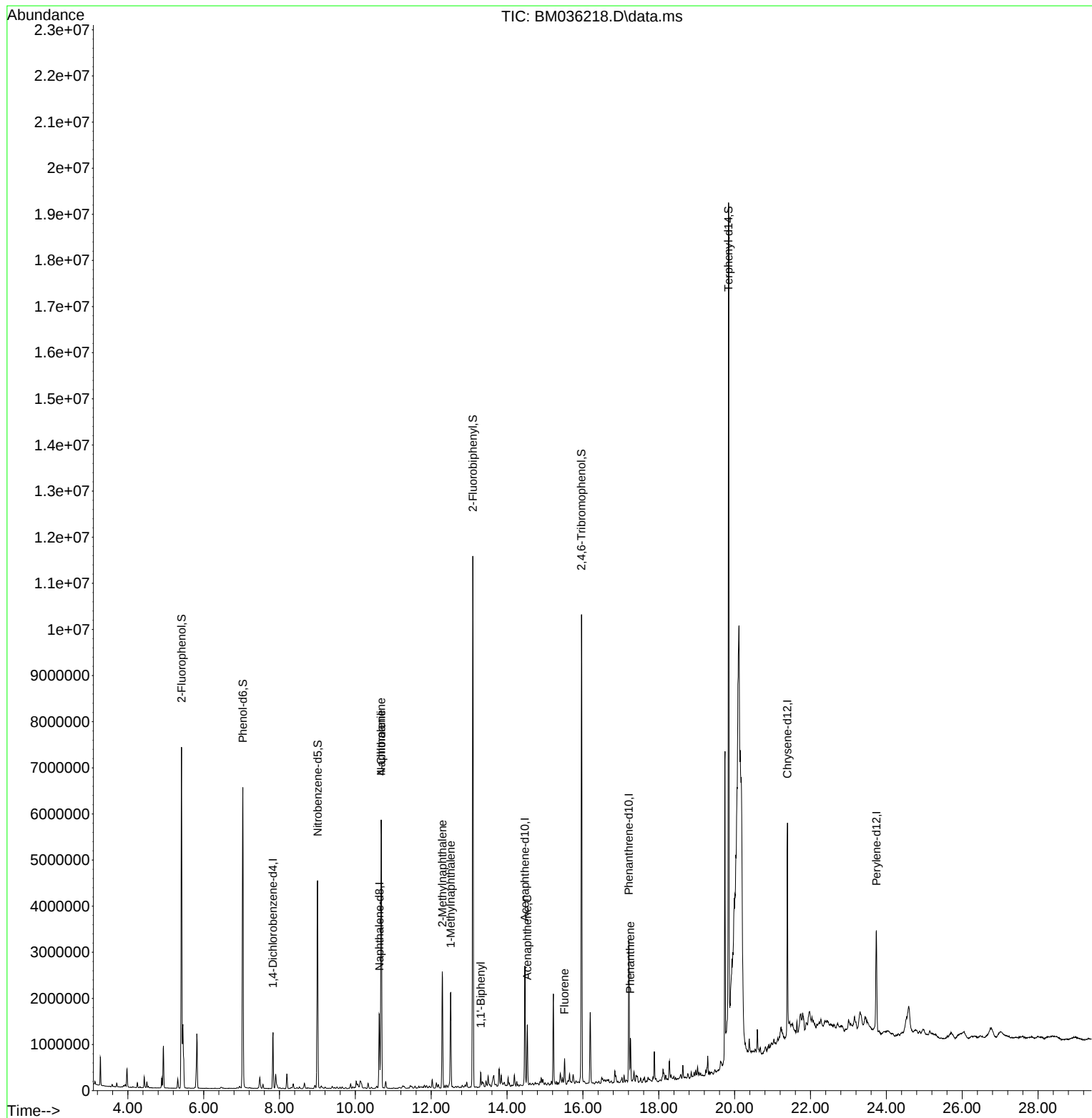
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	320941	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	1382230	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	844258	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1763256	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1986184	20.000	ng	0.00
86) Perylene-d12	23.738	264	1573110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3155029	159.379	ng	0.00
7) Phenol-d6	7.034	99	3771825	149.743	ng	0.00
23) Nitrobenzene-d5	9.004	82	2616810	105.974	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1886758	190.500	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	5781554	101.110	ng	0.00
79) Terphenyl-d14	19.839	244	8809225	87.483	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.681	128	4788433	69.679	ng	99
33) 4-Chloroaniline	10.681	127	622755	22.486	ng	# 31
37) 2-Methylnaphthalene	12.292	142	1166609	25.511	ng	97
38) 1-Methylnaphthalene	12.516	142	948306	21.175	ng	98
46) 1,1'-Biphenyl	13.304	154	153380	2.493	ng	99
52) Acenaphthene	14.533	154	410443	8.620	ng	100
58) Fluorene	15.515	166	241182	4.288	ng	97
71) Phenanthrene	17.251	178	570510	6.351	ng	100

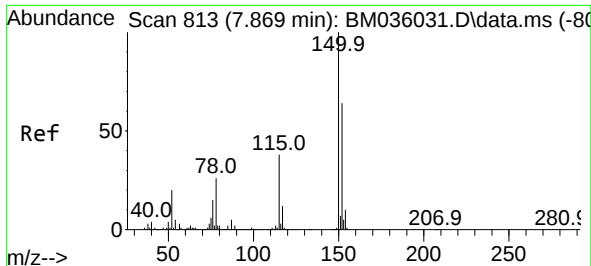
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
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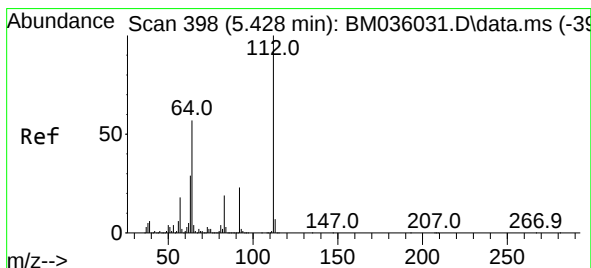
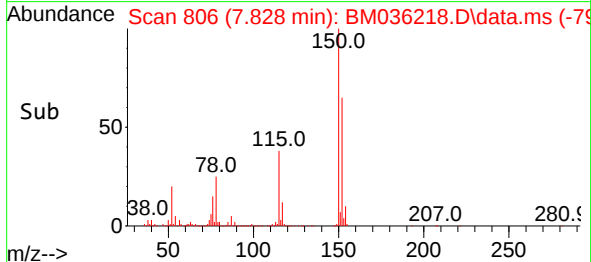
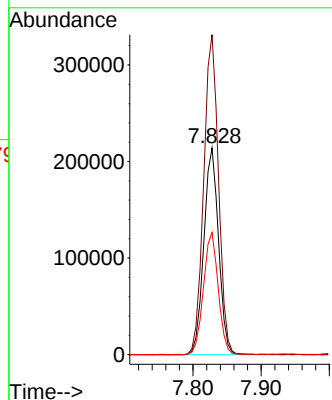
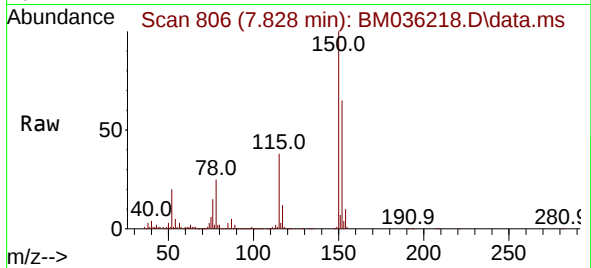




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

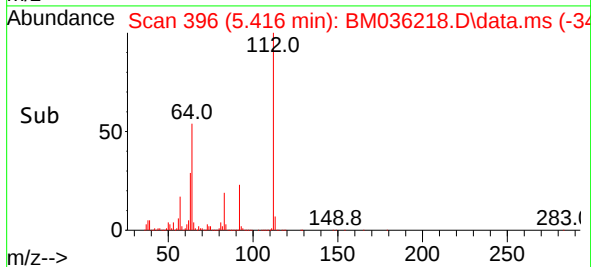
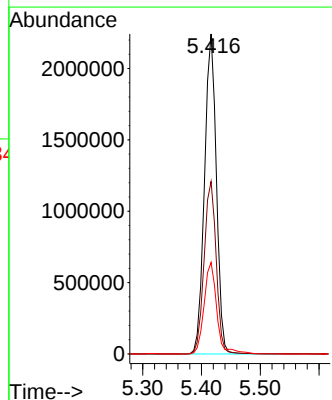
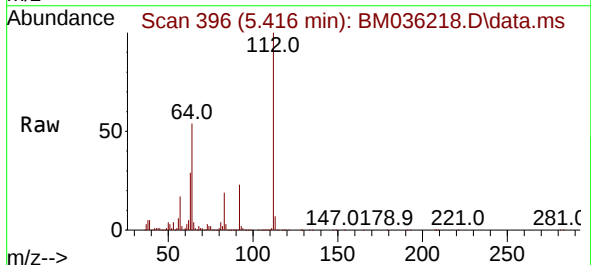
Instrument :
BNA_M
ClientSampleId :
PPE-DRUMS-0808

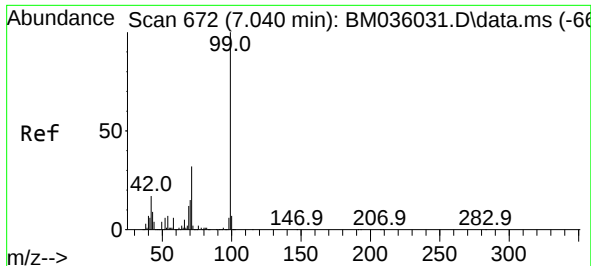
Tgt Ion:152 Resp: 320941
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 159.379 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

Tgt Ion:112 Resp: 3155029
Ion Ratio Lower Upper
112 100
64 53.9 47.8 71.6
63 28.6 26.6 40.0

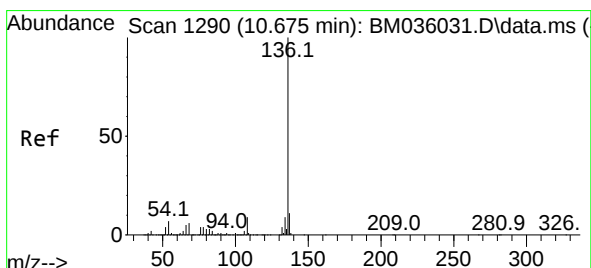
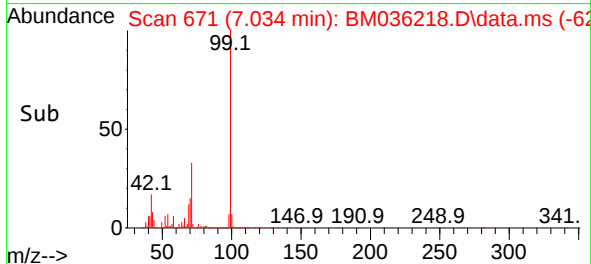
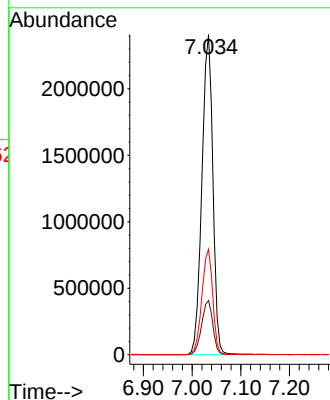
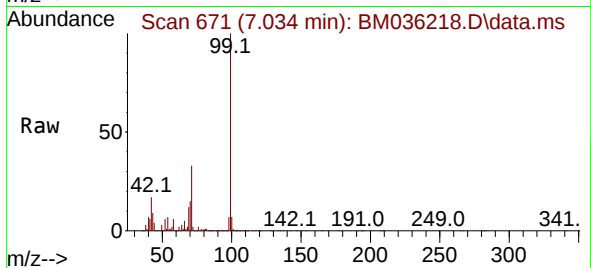




#7
Phenol-d6
Concen: 149.743 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

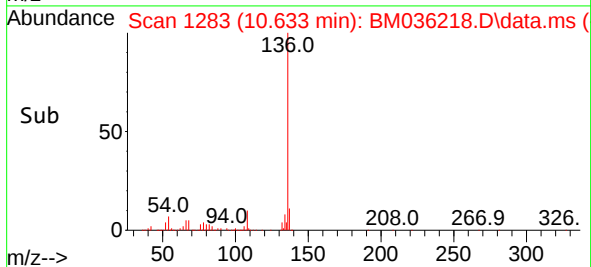
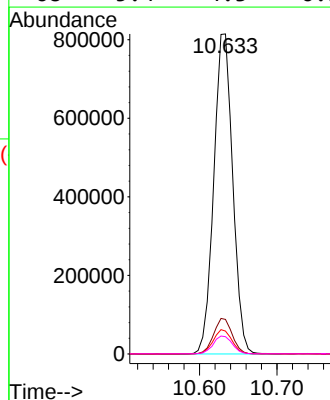
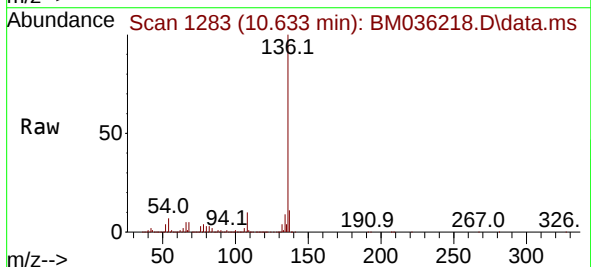
Instrument :
BNA_M
ClientSampleId :
PPE-DRUMS-0808

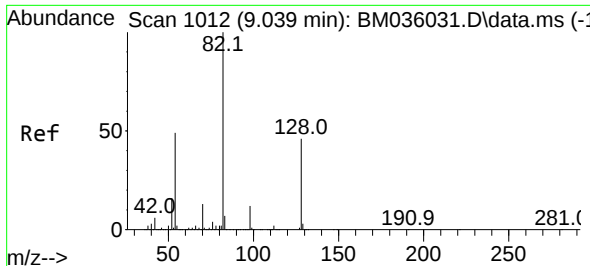
Tgt Ion: 99 Resp: 3771825
Ion Ratio Lower Upper
99 100
42 16.9 18.8 28.2#
71 32.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

Tgt Ion: 136 Resp: 1382230
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.2 7.0 10.4
68 5.4 4.3 6.5

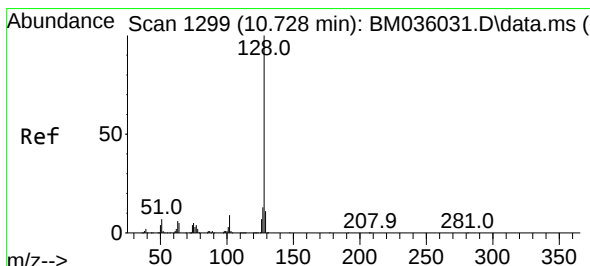
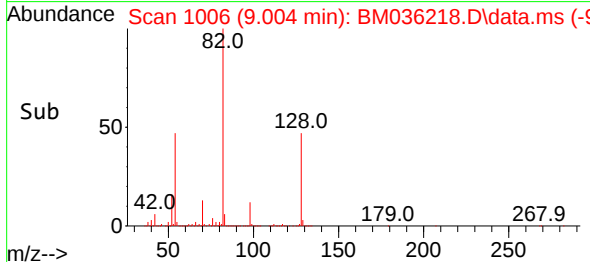
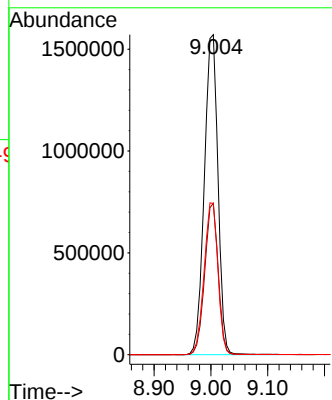
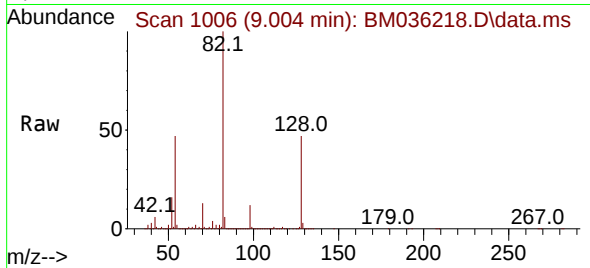




#23
Nitrobenzene-d5
Concen: 105.974 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

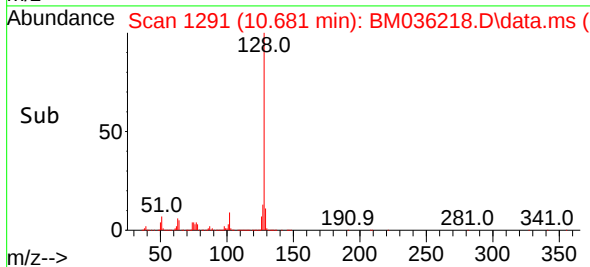
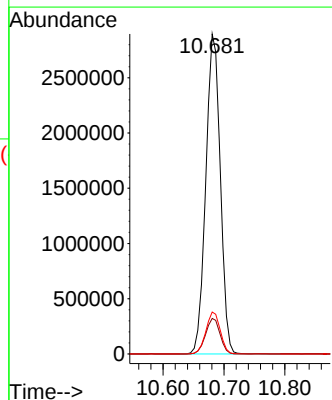
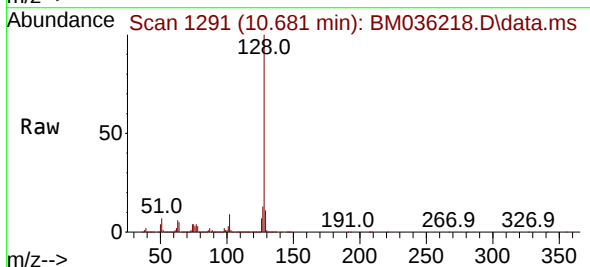
Instrument :
BNA_M
ClientSampleId :
PPE-DRUMS-0808

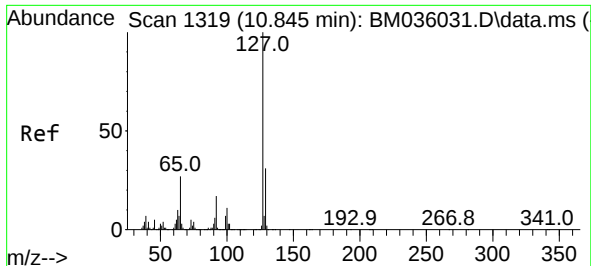
Tgt Ion: 82 Resp: 2616810
Ion Ratio Lower Upper
82 100
128 47.3 33.7 50.5
54 47.3 43.2 64.8



#31
Naphthalene
Concen: 69.679 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

Tgt Ion:128 Resp: 4788433
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.6 16.0

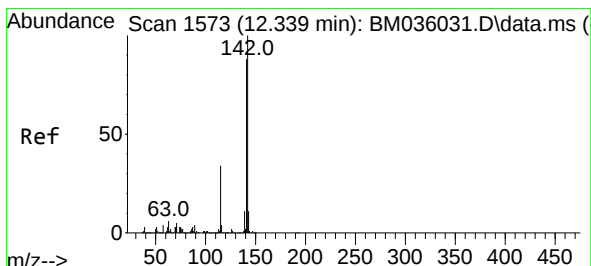
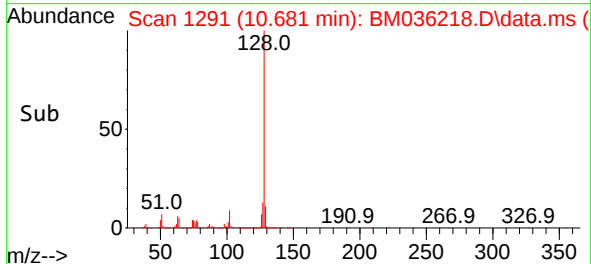
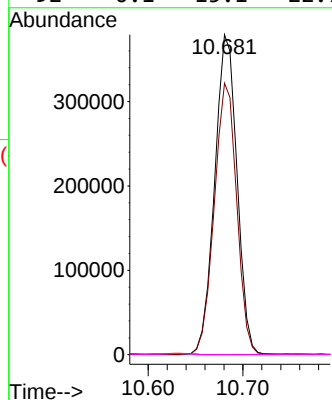
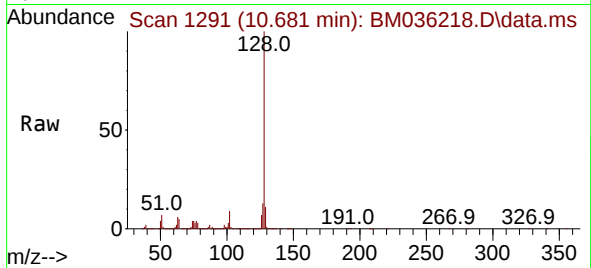




#33
4-Chloroaniline
Concen: 22.486 ng
RT: 10.681 min Scan# 11
Delta R.T. -0.129 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

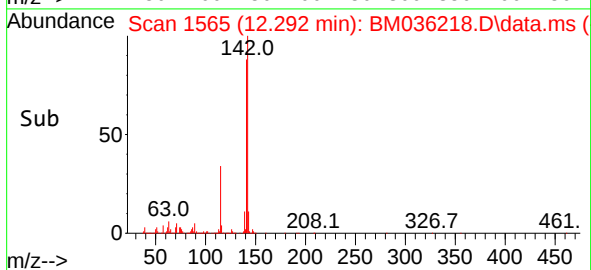
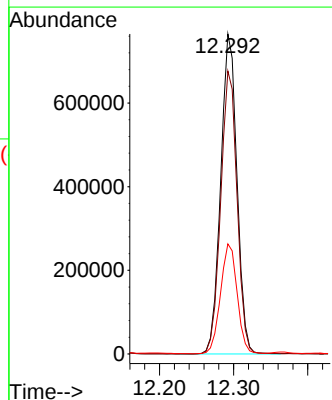
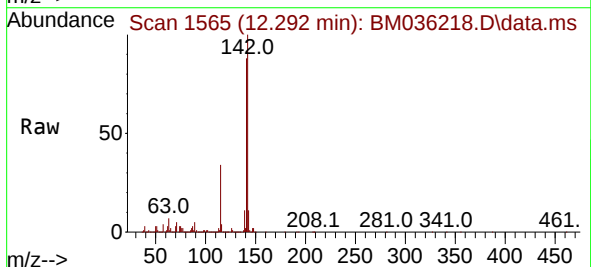
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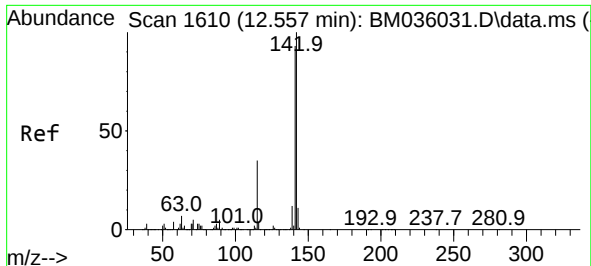
Tgt Ion:127 Resp: 622755
Ion Ratio Lower Upper
127 100
129 84.9 25.7 38.5#
65 0.0 26.6 40.0#
92 0.1 15.1 22.7#



#37
2-Methylnaphthalene
Concen: 25.511 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

Tgt Ion:142 Resp: 1166609
Ion Ratio Lower Upper
142 100
141 88.4 72.4 108.6
115 34.4 29.6 44.4

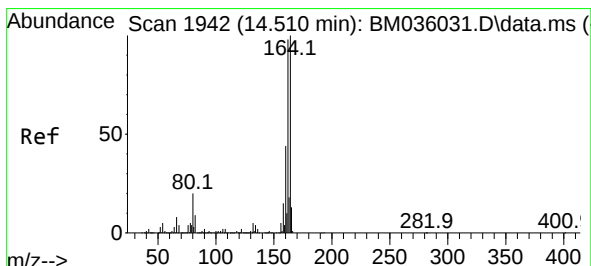
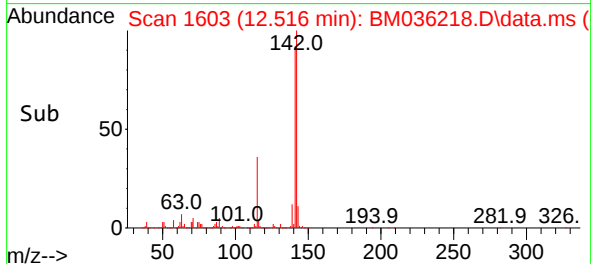
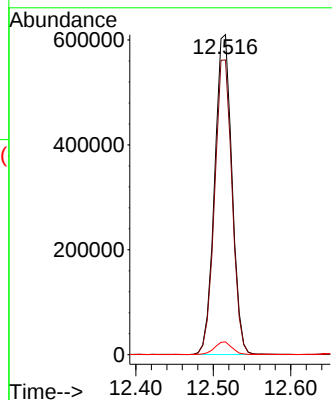
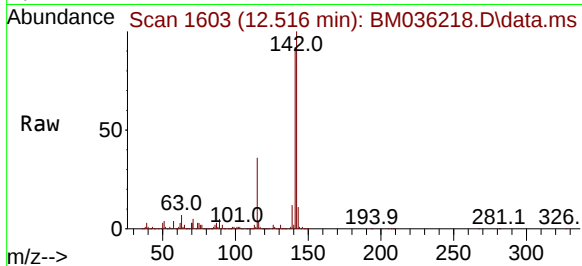




#38
1-Methylnaphthalene
Concen: 21.175 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

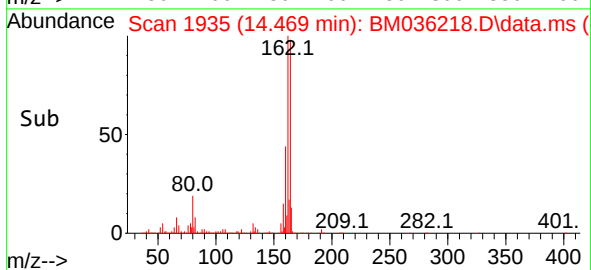
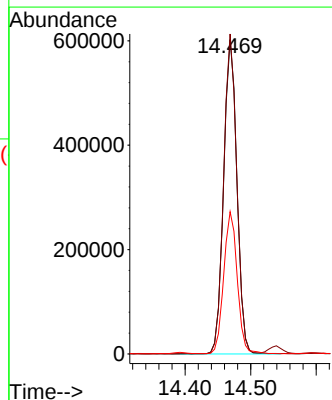
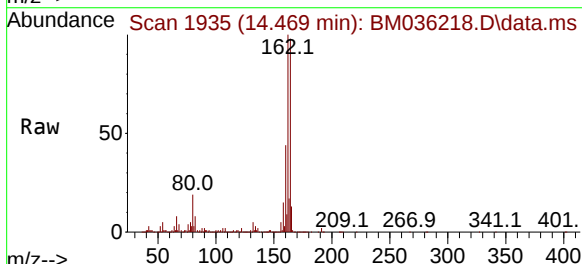
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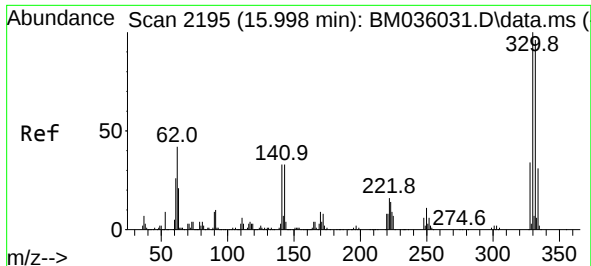
Tgt Ion:142 Resp: 948306
Ion Ratio Lower Upper
142 100
141 92.1 75.0 112.4
116 4.0 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

Tgt Ion:164 Resp: 844258
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.6
160 45.3 37.0 55.4

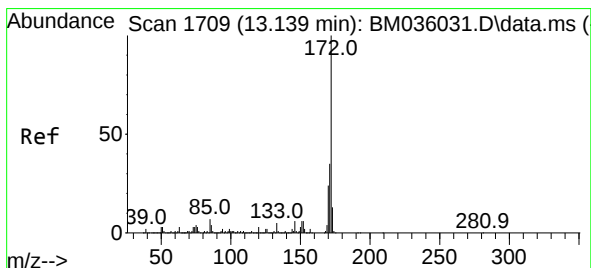
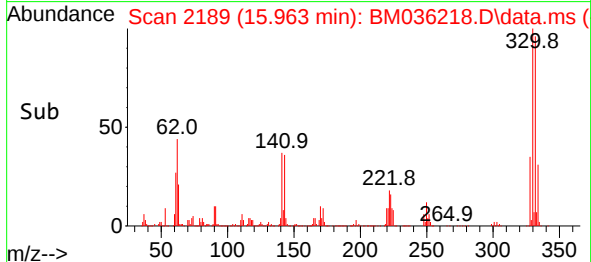
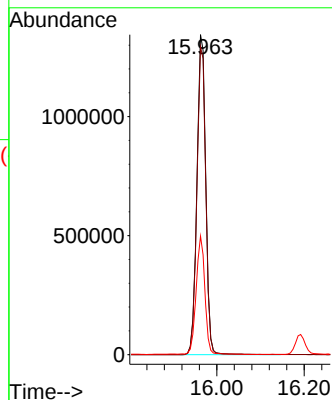
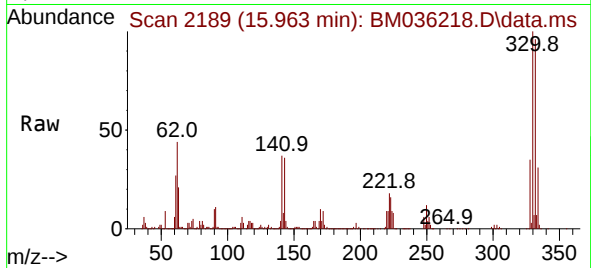




#42
2,4,6-Tribromophenol
Concen: 190.500 ng
RT: 15.963 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

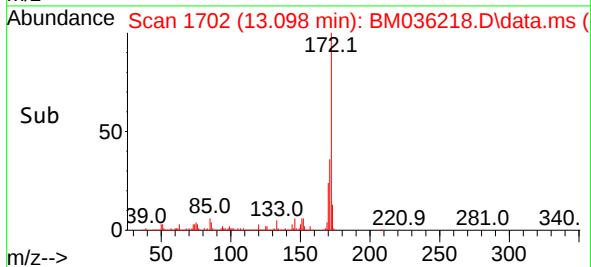
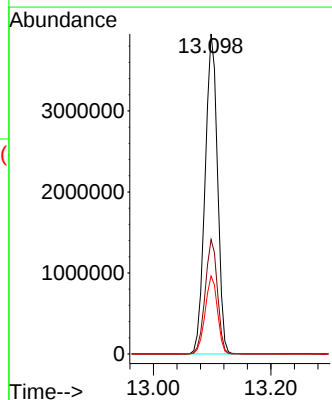
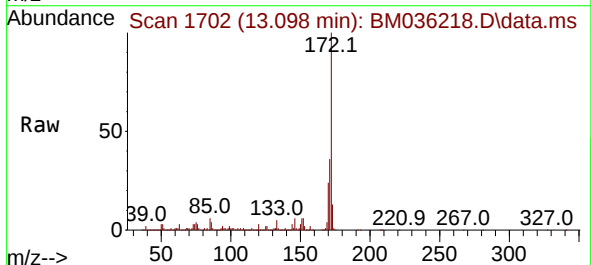
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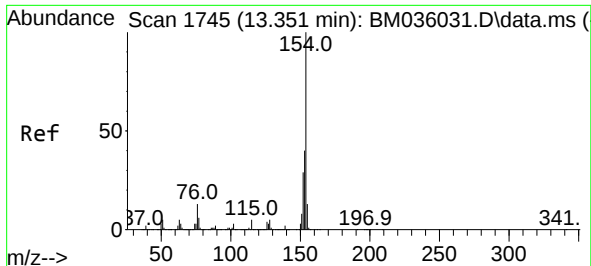
Tgt Ion:330 Resp: 1886758
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 36.2 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 101.110 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

Tgt Ion:172 Resp: 5781554
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.3 18.7 28.1

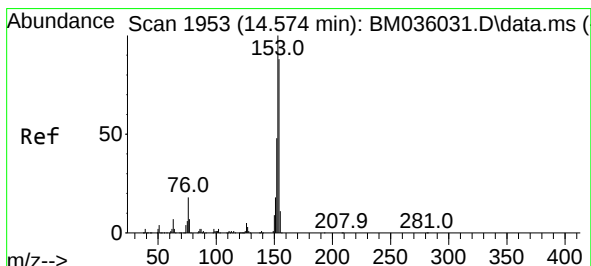
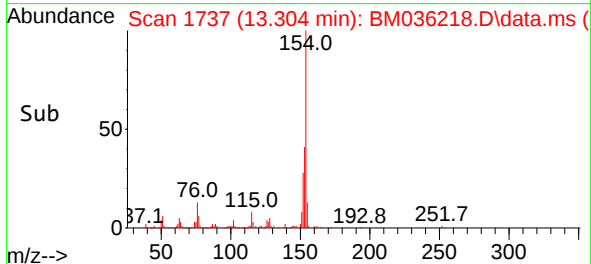
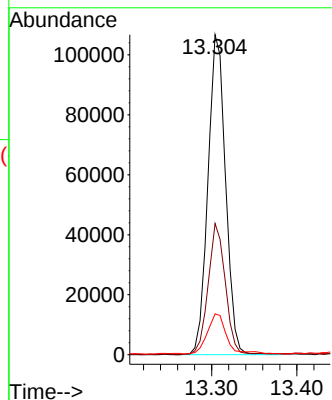
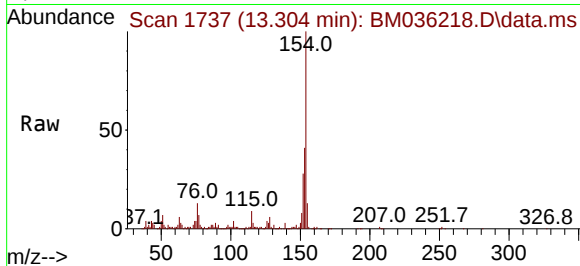




#46
1,1'-Biphenyl
Concen: 2.493 ng
RT: 13.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

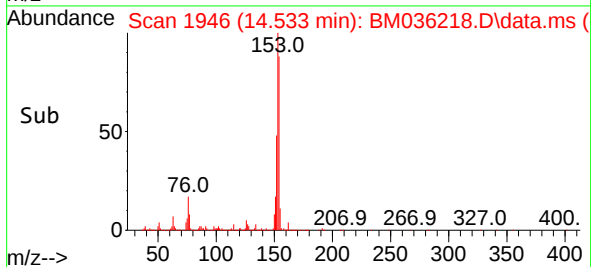
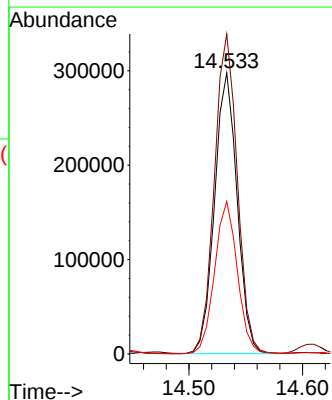
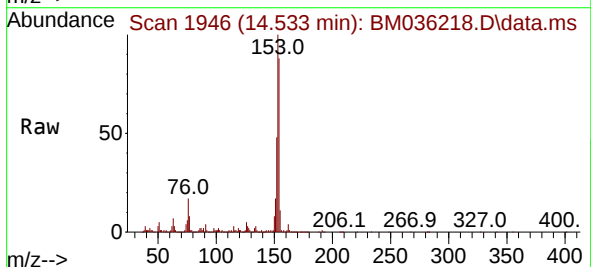
Instrument :
BNA_M
ClientSampleId :
PPE-DRUMS-0808

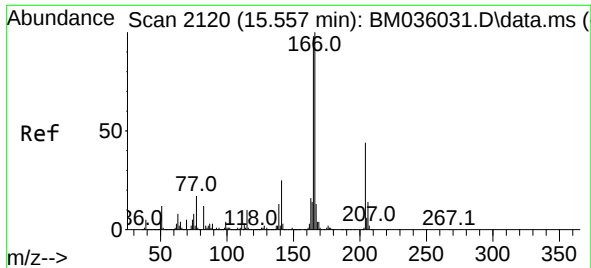
Tgt Ion:154 Resp: 153380
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 12.8 0.0 31.8



#52
Acenaphthene
Concen: 8.620 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

Tgt Ion:154 Resp: 410443
Ion Ratio Lower Upper
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153 113.8 91.0 136.6
152 54.2 43.4 65.2

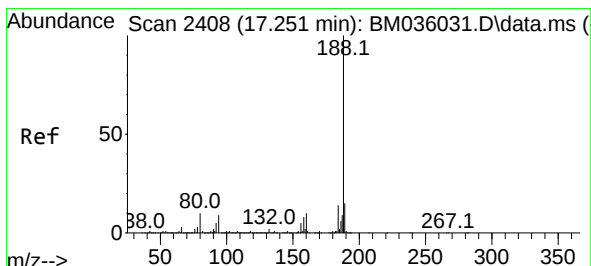
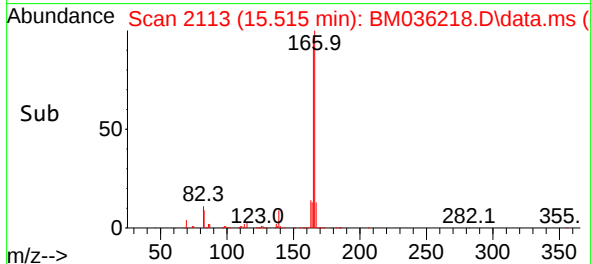
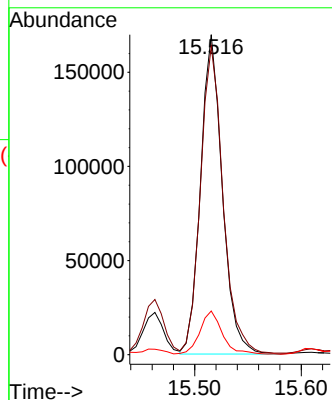
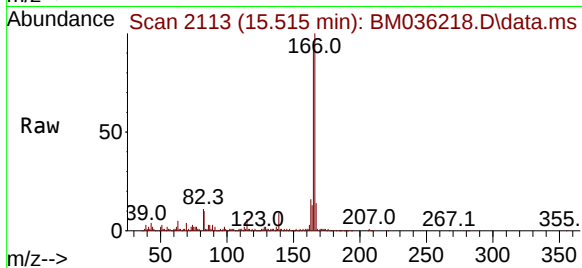




#58
 Fluorene
 Concen: 4.288 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036218.D
 Acq: 11 Aug 2022 20:36

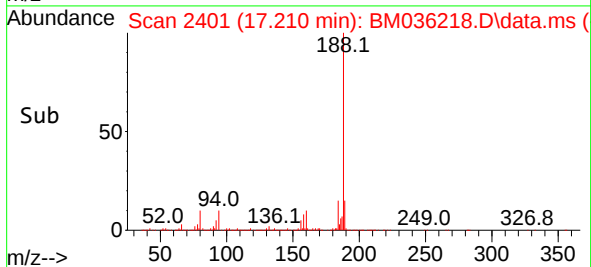
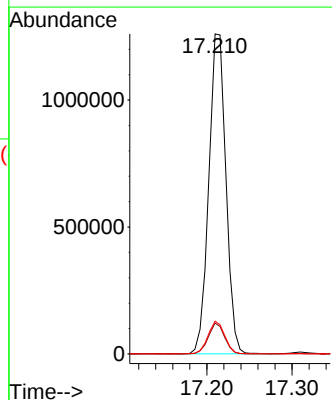
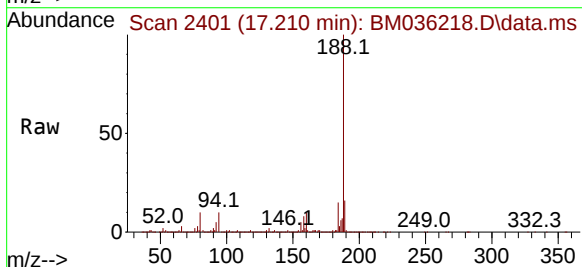
Instrument :
 BNA_M
 ClientSampleId :
 PPE-DRUMS-0808

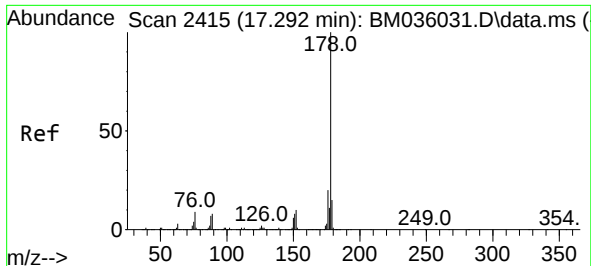
Tgt Ion:166 Resp: 241182
 Ion Ratio Lower Upper
 166 100
 165 96.3 79.4 119.2
 167 13.7 10.6 16.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.210 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BM036218.D
 Acq: 11 Aug 2022 20:36

Tgt Ion:188 Resp: 1763256
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.4
 80 10.2 7.6 11.4

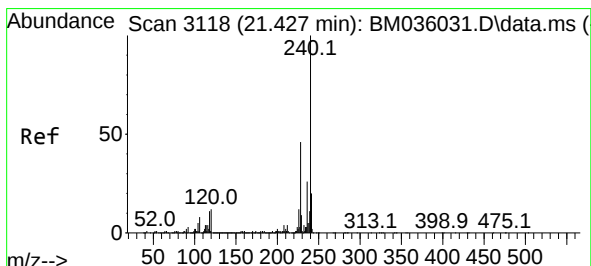
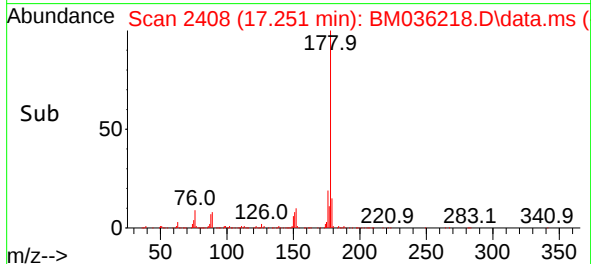
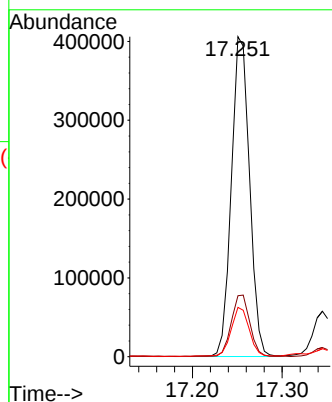
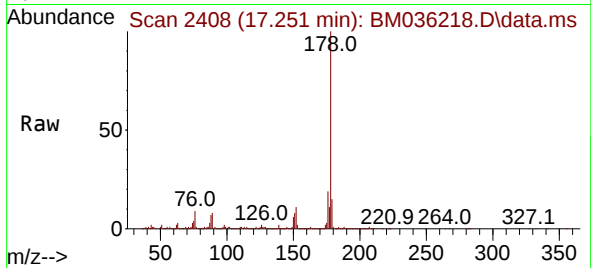




#71
Phenanthrene
Concen: 6.351 ng
RT: 17.251 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

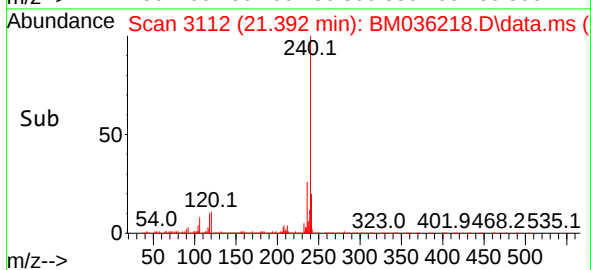
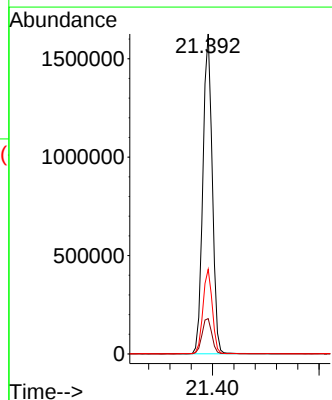
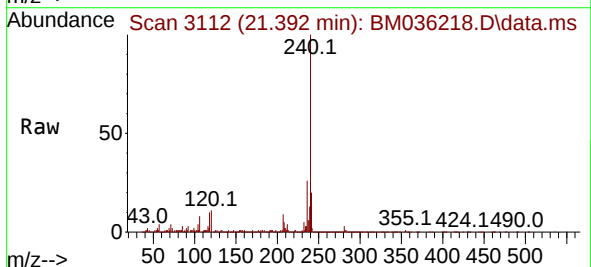
Instrument :
BNA_M
ClientSampleId :
PPE-DRUMS-0808

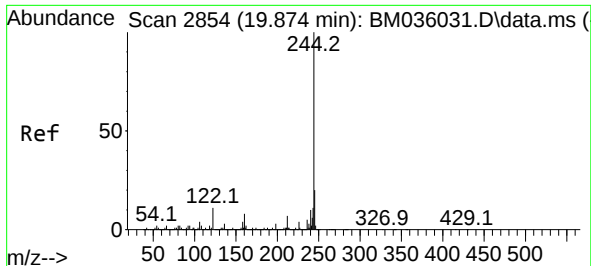
Tgt Ion:178 Resp: 570510
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM036218.D
Acq: 11 Aug 2022 20:36

Tgt Ion:240 Resp: 1986184
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.0
236 26.5 20.6 30.8

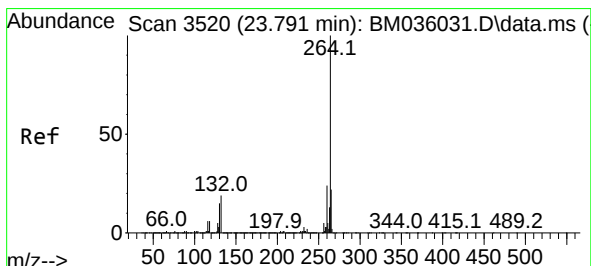
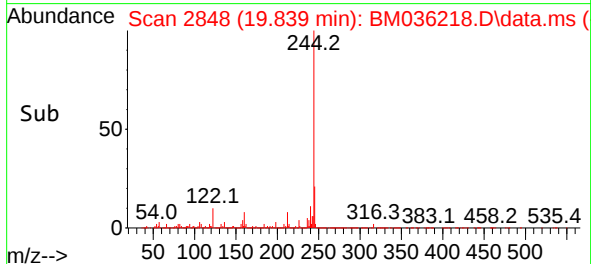
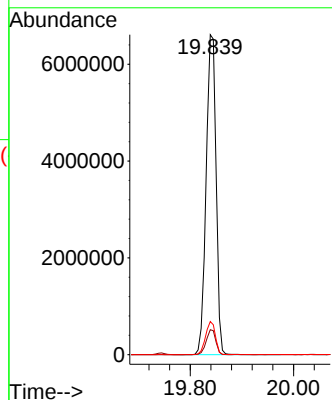
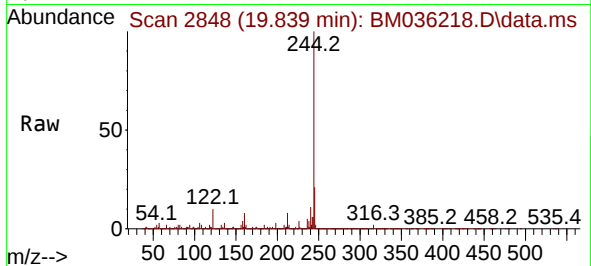




#79
 Terphenyl-d14
 Concen: 87.483 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036218.D
 Acq: 11 Aug 2022 20:36

Instrument :
 BNA_M
 ClientSampleId :
 PPE-DRUMS-0808

Tgt Ion:244 Resp: 8809225
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.738 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BM036218.D
 Acq: 11 Aug 2022 20:36

Tgt Ion:264 Resp: 1573110
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.8 17.5 26.3

