

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
 Data File : BG054637.D
 Acq On : 14 Aug 2022 18:02
 Operator : CG/JU
 Sample : N4102-01DL 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PPE-DRUMS-0808

Quant Time: Aug 15 04:20:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

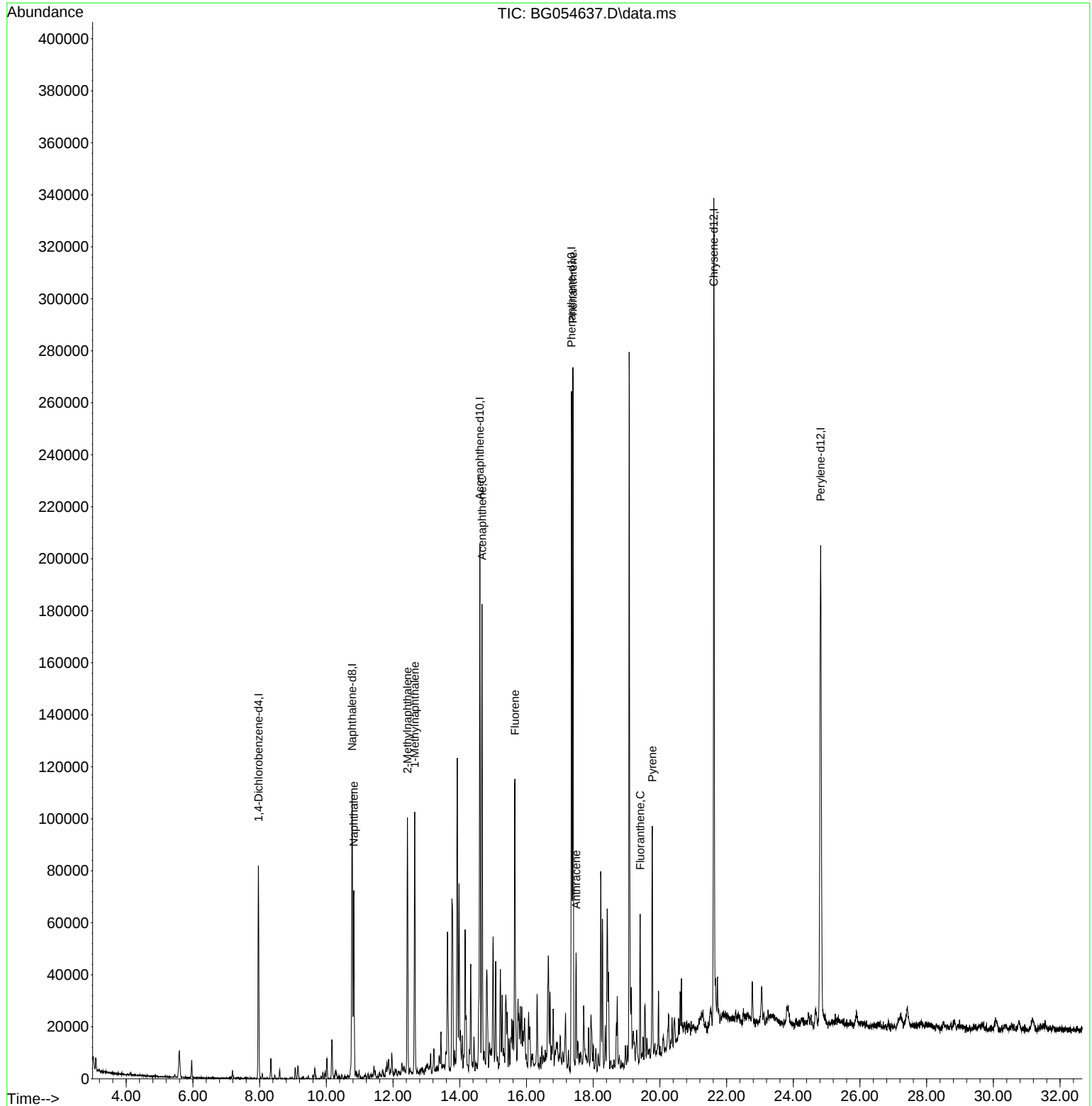
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	26257	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	100935	20.000	ng	# 0.00
39) Acenaphthene-d10	14.603	164	74356	20.000	ng	0.00
64) Phenanthrene-d10	17.352	188	185723	20.000	ng	# 0.00
76) Chrysene-d12	21.618	240	216221	20.000	ng	#-0.01
86) Perylene-d12	24.820	264	227947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	1787	1.421	ng	0.00
7) Phenol-d6	7.194	99	2248	1.305	ng	0.02
23) Nitrobenzene-d5	9.156	82	1761	0.950	ng	0.02
42) 2,4,6-Tribromophenol	16.113	330	1529	0.979	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	5771	1.095	ng	0.00
79) Terphenyl-d14	19.961	244	13207	1.212	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.825	128	62777	12.390	ng	98
37) 2-Methylnaphthalene	12.435	142	50538	12.989	ng	97
38) 1-Methylnaphthalene	12.652	142	49130	12.958	ng	97
52) Acenaphthene	14.667	154	66762	17.429	ng	98
58) Fluorene	15.654	166	53667	9.577	ng	91
71) Phenanthrene	17.394	178	192545	20.818	ng	98
72) Anthracene	17.488	178	32408	3.571	ng	99
75) Fluoranthene	19.409	202	38645	3.065	ng	96
78) Pyrene	19.773	202	61930	4.992	ng	99

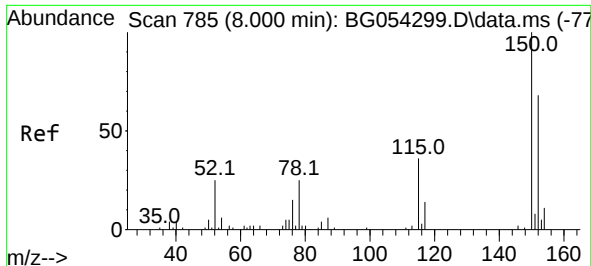
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
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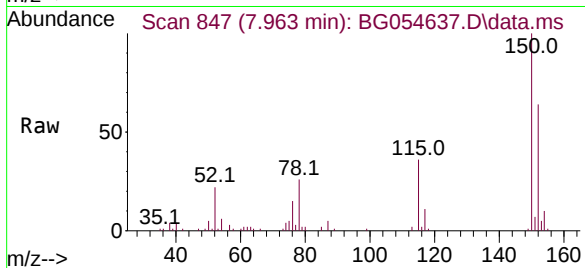
Quant Time: Aug 15 04:20:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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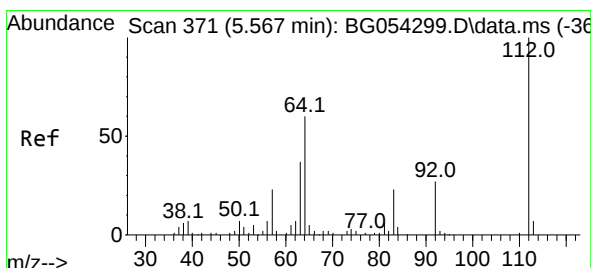
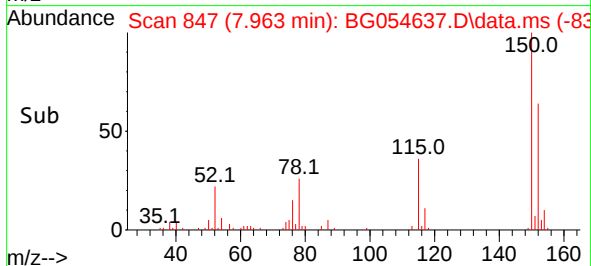
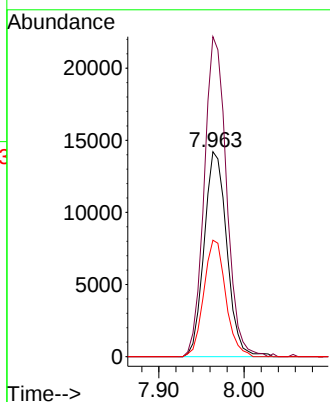


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

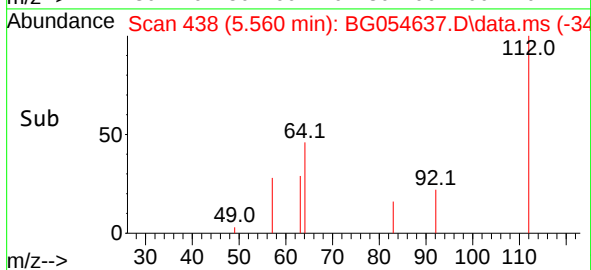
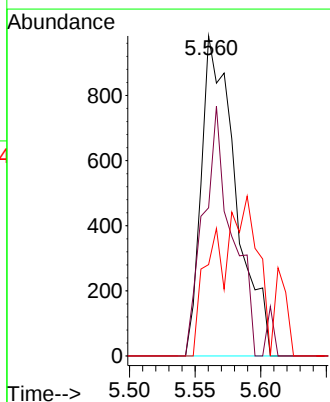
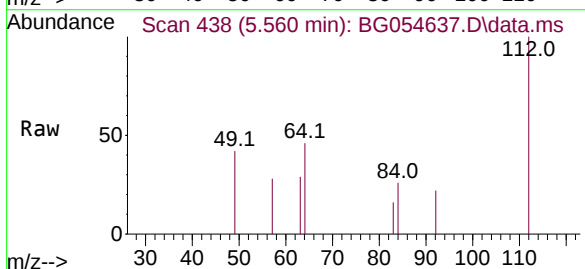


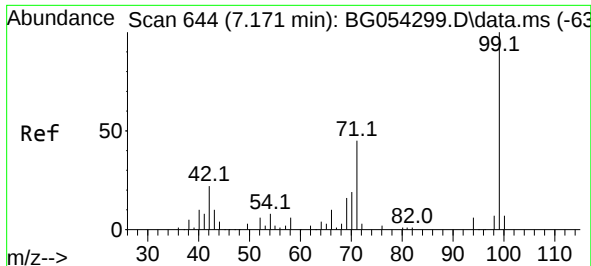
Tgt Ion:152 Resp: 26257
Ion Ratio Lower Upper
152 100
150 156.2 131.6 197.4
115 56.8 50.9 76.3



#5
2-Fluorophenol
Concen: 1.421 ng
RT: 5.560 min Scan# 438
Delta R.T. 0.007 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:112 Resp: 1787
Ion Ratio Lower Upper
112 100
64 46.3 55.1 82.7#
63 28.6 30.4 45.6#

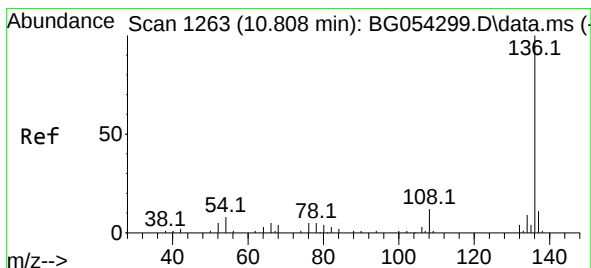
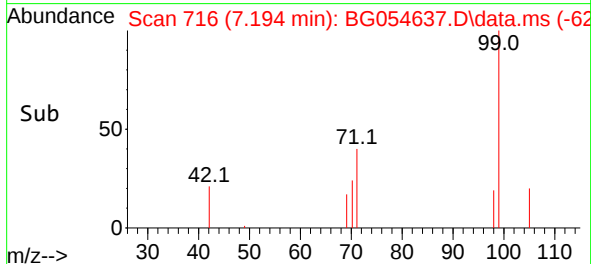
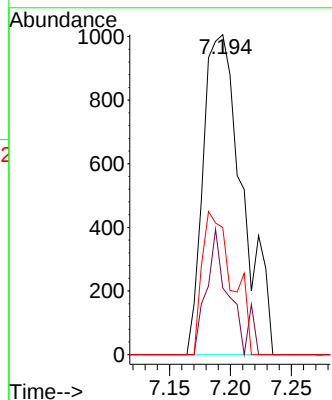
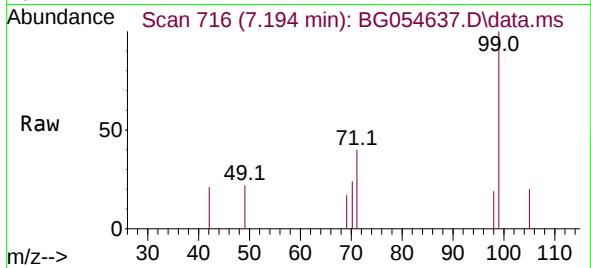




#7
Phenol-d6
Concen: 1.305 ng
RT: 7.194 min Scan# 71
Delta R.T. 0.025 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

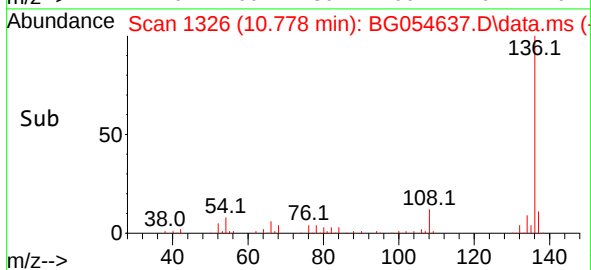
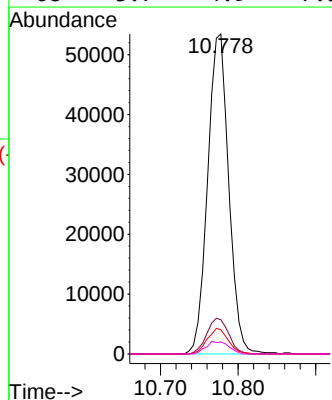
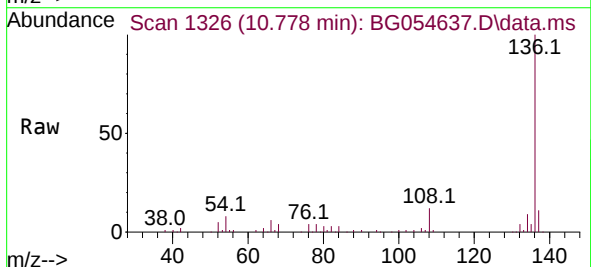
Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

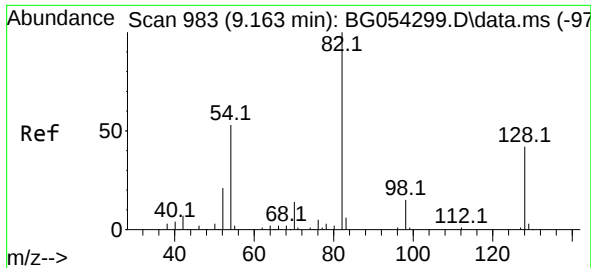
Tgt Ion: 99 Resp: 2248
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 39.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. 0.001 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:136 Resp: 100935
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.5 7.4 11.2
68 3.7 4.9 7.3#

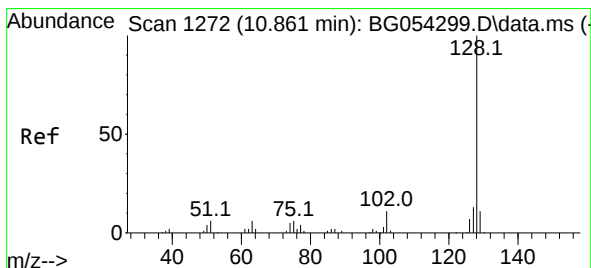
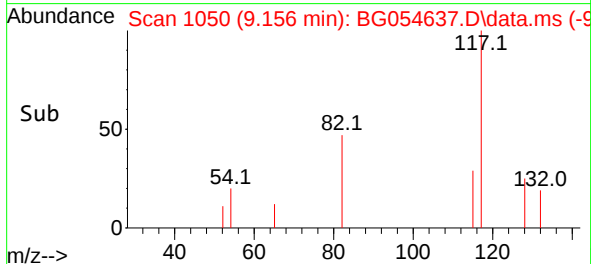
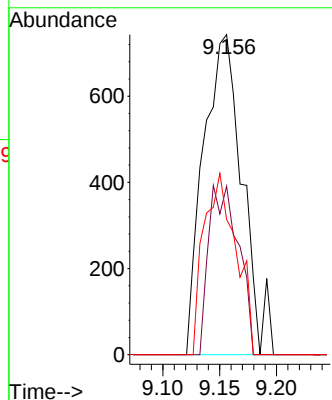
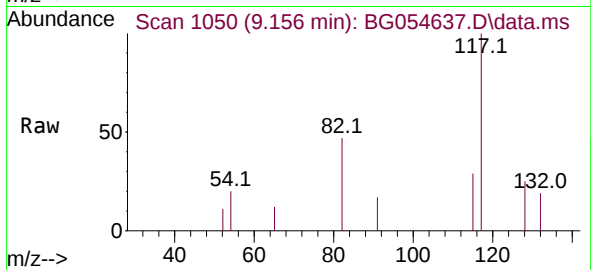




#23
 Nitrobenzene-d5
 Concen: 0.950 ng
 RT: 9.156 min Scan# 1050
 Delta R.T. 0.019 min
 Lab File: BG054637.D
 Acq: 14 Aug 2022 18:02

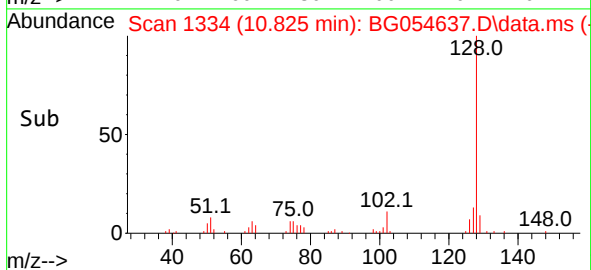
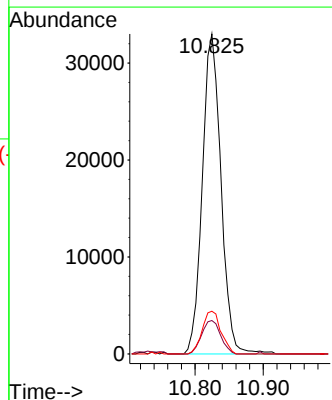
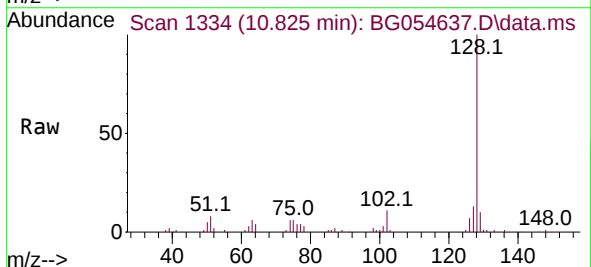
Instrument :
 BNA_G
 ClientSampleId :
 PPE-DRUMS-0808

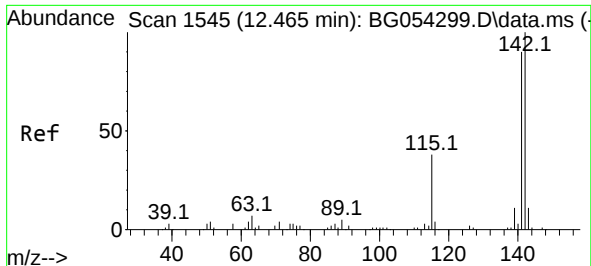
Tgt Ion: 82 Resp: 1761
 Ion Ratio Lower Upper
 82 100
 128 52.6 27.9 41.9#
 54 42.3 41.2 61.8



#31
 Naphthalene
 Concen: 12.390 ng
 RT: 10.825 min Scan# 1334
 Delta R.T. -0.005 min
 Lab File: BG054637.D
 Acq: 14 Aug 2022 18:02

Tgt Ion: 128 Resp: 62777
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.0 13.6
 127 13.3 11.1 16.7





#37

2-Methylnaphthalene

Concen: 12.989 ng

RT: 12.435 min Scan# 1608

Delta R.T. -0.005 min

Lab File: BG054637.D

Acq: 14 Aug 2022 18:02

Instrument :

BNA_G

ClientSampleId :

PPE-DRUMS-0808

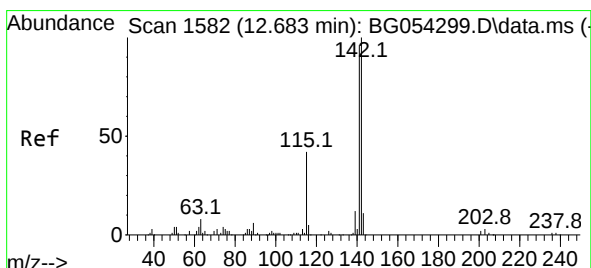
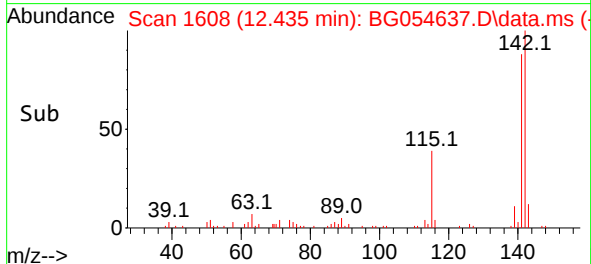
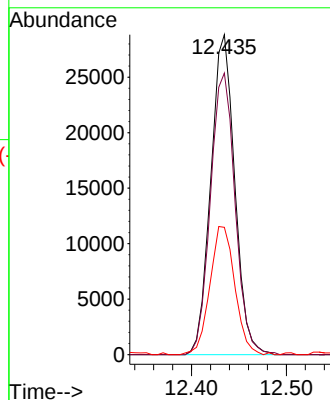
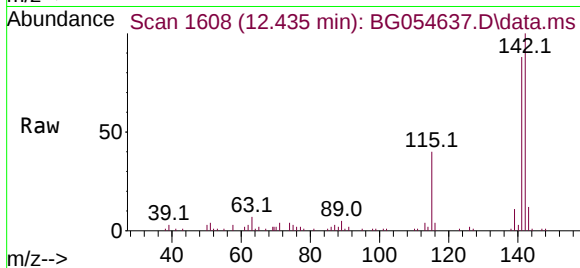
Tgt Ion:142 Resp: 50538

Ion Ratio Lower Upper

142 100

141 88.0 72.3 108.5

115 39.8 33.7 50.5



#38

1-Methylnaphthalene

Concen: 12.958 ng

RT: 12.652 min Scan# 1645

Delta R.T. -0.005 min

Lab File: BG054637.D

Acq: 14 Aug 2022 18:02

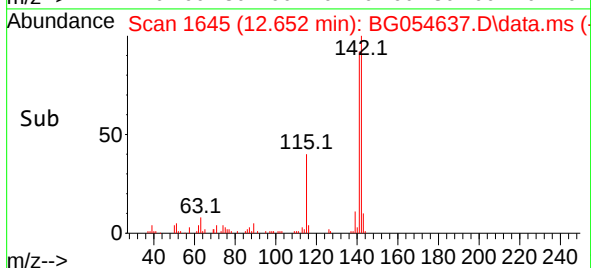
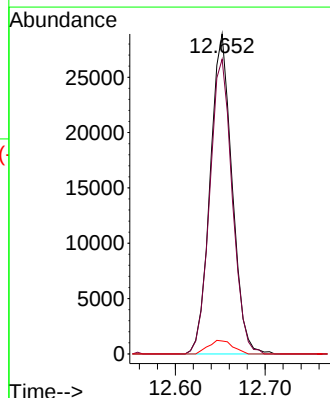
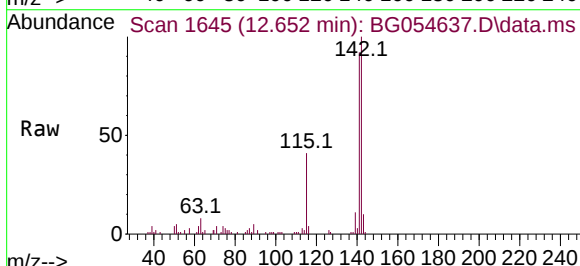
Tgt Ion:142 Resp: 49130

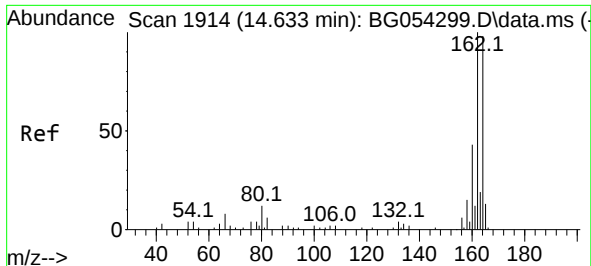
Ion Ratio Lower Upper

142 100

141 92.1 76.4 114.6

116 4.0 3.3 4.9

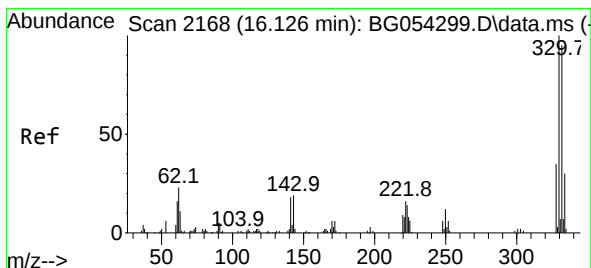
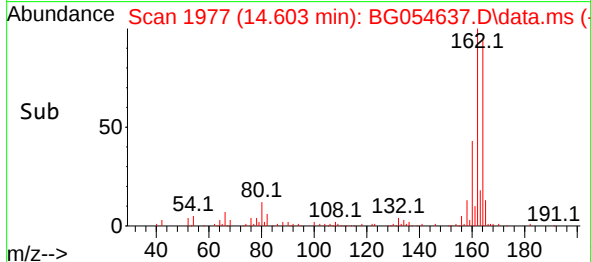
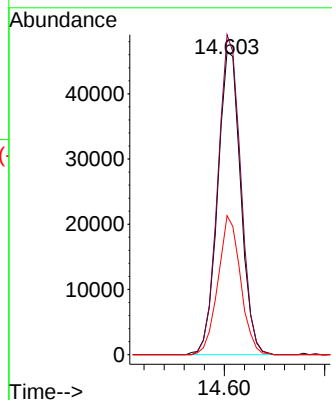
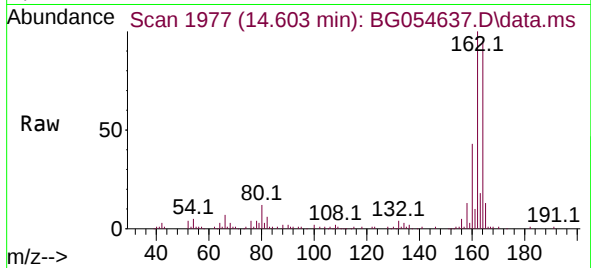




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.603 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

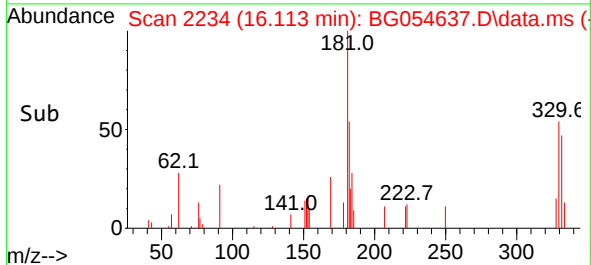
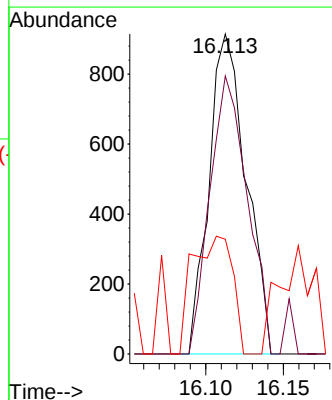
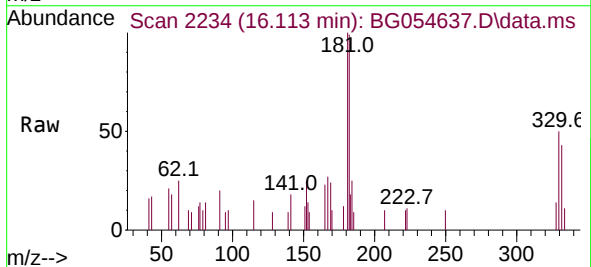
Instrument :
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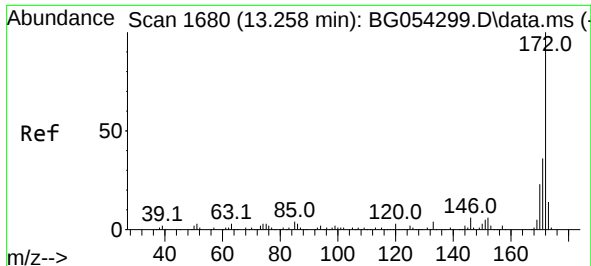
Tgt Ion:164 Resp: 74356
Ion Ratio Lower Upper
164 100
162 105.4 82.3 123.5
160 45.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 0.979 ng
RT: 16.113 min Scan# 2234
Delta R.T. 0.001 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:330 Resp: 1529
Ion Ratio Lower Upper
330 100
332 87.6 76.0 114.0
141 39.8 27.1 40.7

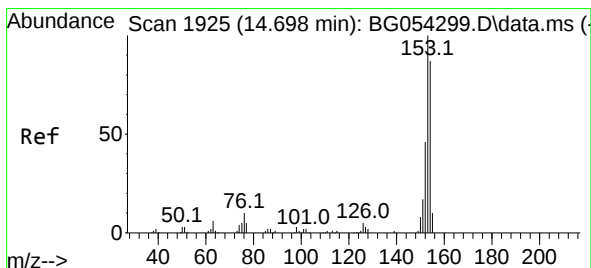
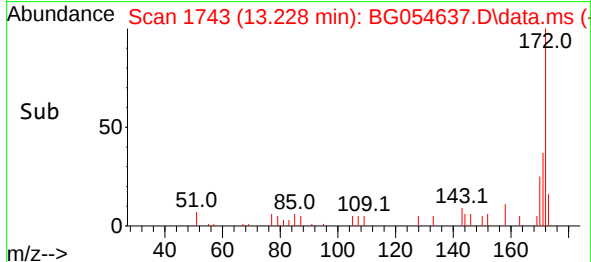
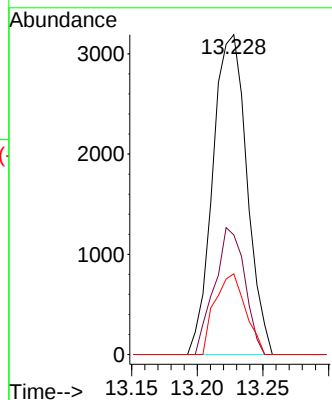
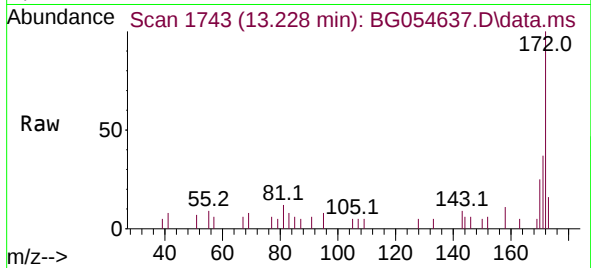




#45
2-Fluorobiphenyl
Concen: 1.095 ng
RT: 13.228 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

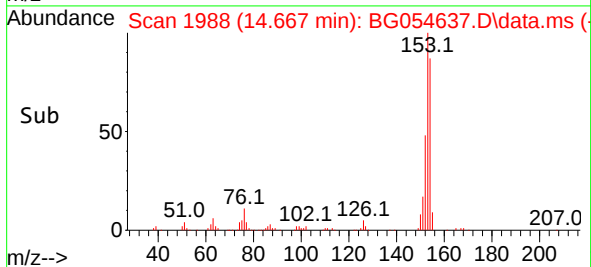
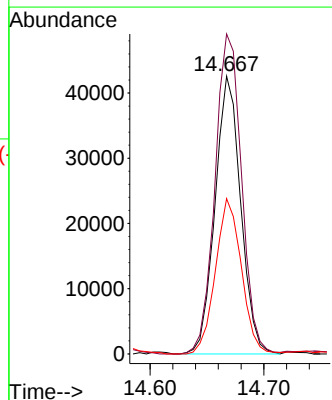
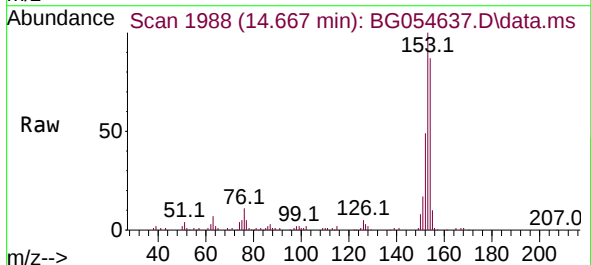
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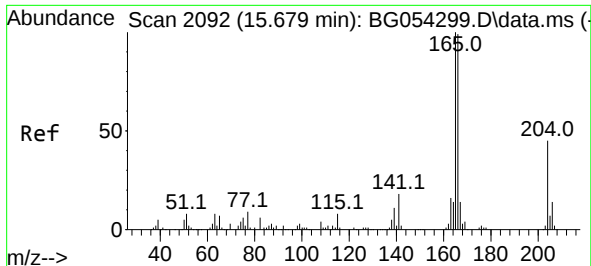
Tgt Ion:172	Resp:	5771
Ion	Ratio	Lower Upper
172	100	
171	37.4	28.5 42.7
170	25.2	18.9 28.3



#52
Acenaphthene
Concen: 17.429 ng
RT: 14.667 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:154	Resp:	66762
Ion	Ratio	Lower Upper
154	100	
153	115.2	92.7 139.1
152	55.9	42.6 64.0

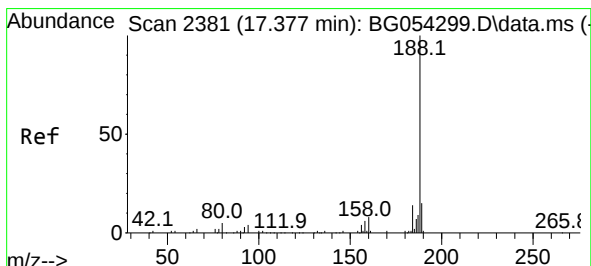
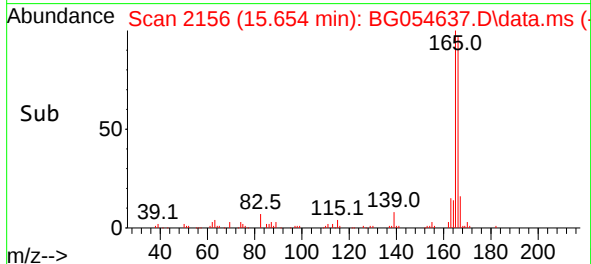
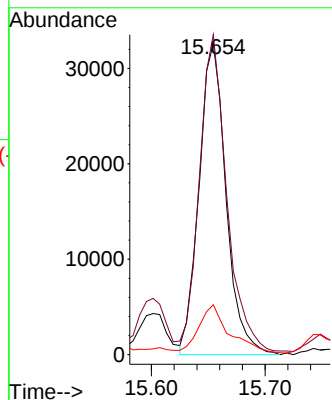
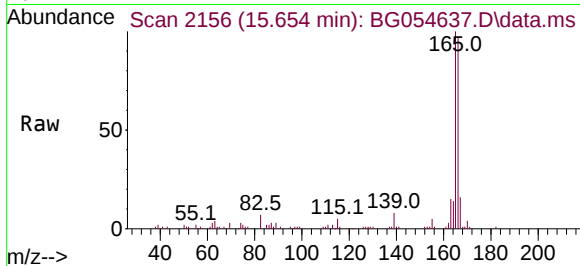




#58
 Fluorene
 Concen: 9.577 ng
 RT: 15.654 min Scan# 2156
 Delta R.T. -0.005 min
 Lab File: BG054637.D
 Acq: 14 Aug 2022 18:02

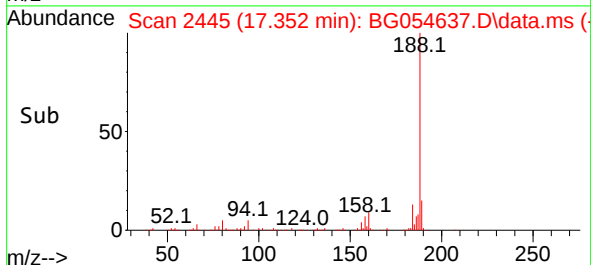
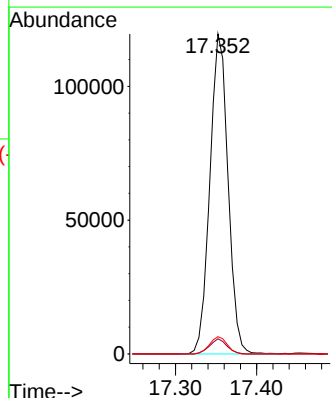
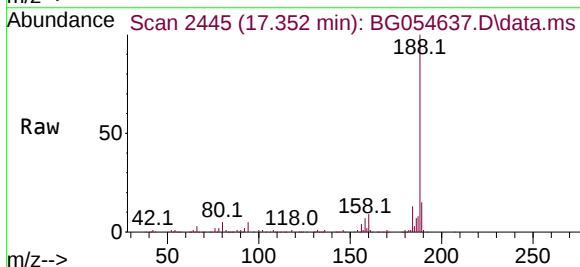
Instrument :
 BNA_G
 ClientSampleId :
 PPE-DRUMS-0808

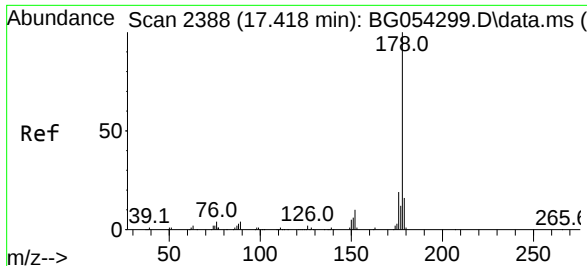
Tgt Ion:166 Resp: 53667
 Ion Ratio Lower Upper
 166 100
 165 103.0 75.0 112.6
 167 16.0 10.8 16.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.352 min Scan# 2445
 Delta R.T. -0.005 min
 Lab File: BG054637.D
 Acq: 14 Aug 2022 18:02

Tgt Ion:188 Resp: 185723
 Ion Ratio Lower Upper
 188 100
 94 4.7 5.4 8.0#
 80 5.4 6.8 10.2#

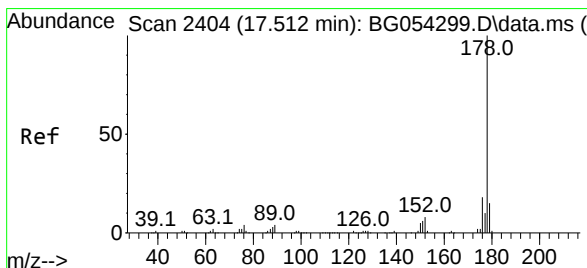
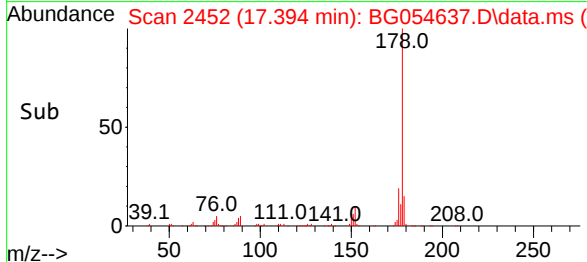
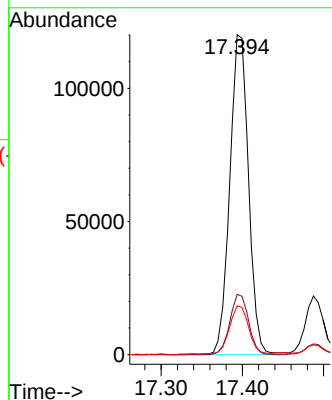
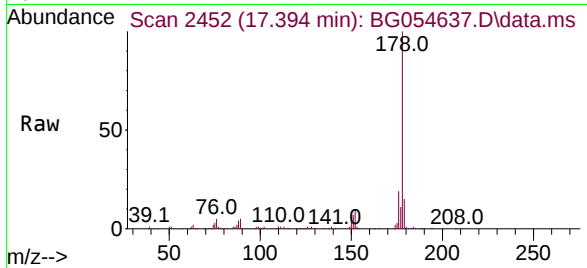




#71
Phenanthrene
Concen: 20.818 ng
RT: 17.394 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

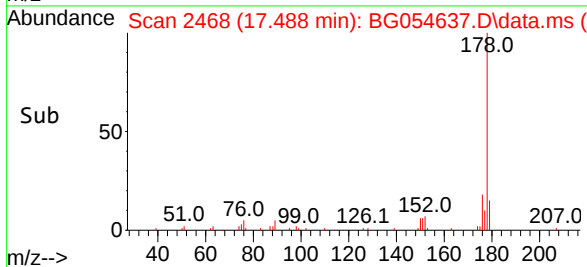
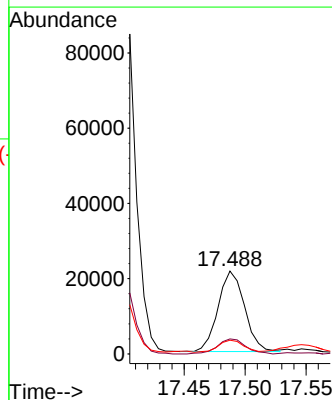
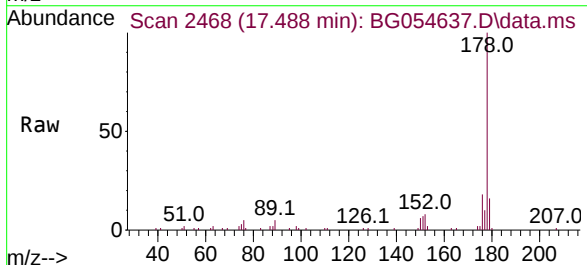
Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

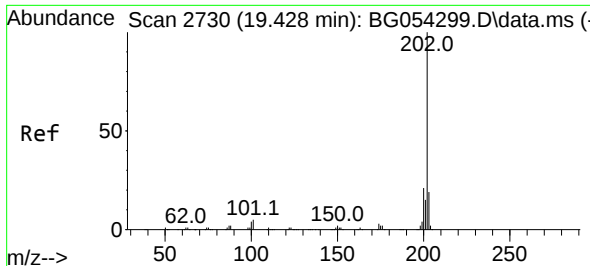
Tgt Ion:178 Resp: 192545
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 15.3 12.1 18.1



#72
Anthracene
Concen: 3.571 ng
RT: 17.488 min Scan# 2468
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:178 Resp: 32408
Ion Ratio Lower Upper
178 100
176 18.0 15.2 22.8
179 16.4 13.0 19.4

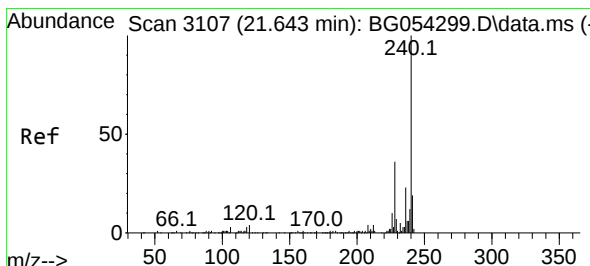
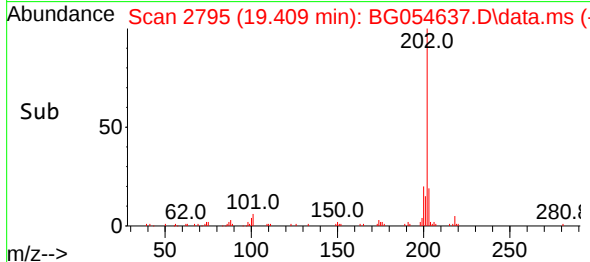
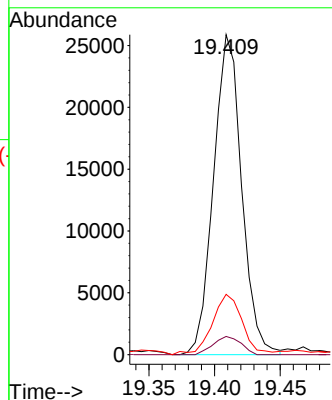
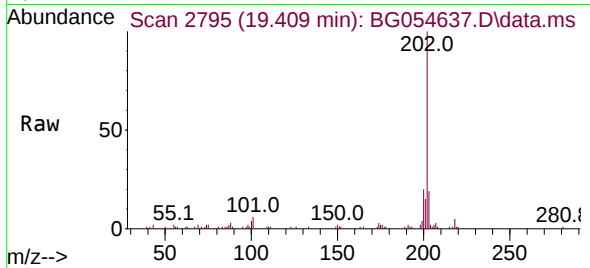




#75
Fluoranthene
Concen: 3.065 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

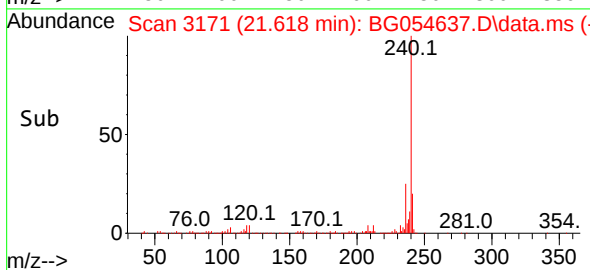
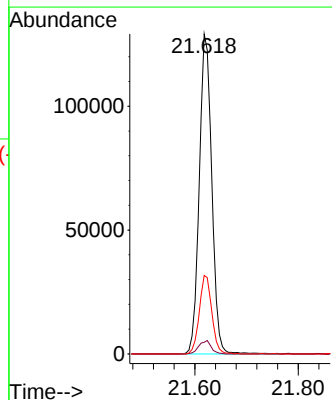
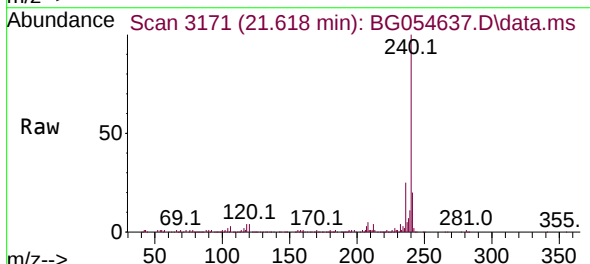
Instrument :
BNA_G
ClientSampleId :
PPE-DRUMS-0808

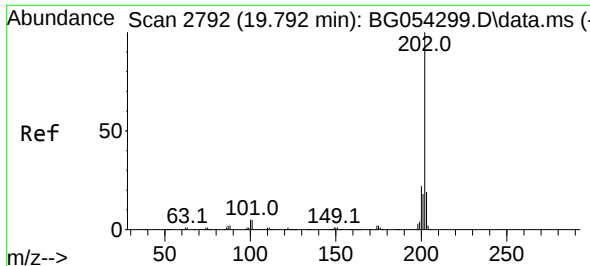
Tgt Ion:202 Resp: 38645
Ion Ratio Lower Upper
202 100
101 5.7 0.0 26.9
203 18.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 3171
Delta R.T. -0.010 min
Lab File: BG054637.D
Acq: 14 Aug 2022 18:02

Tgt Ion:240 Resp: 216221
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.5 20.2 30.4

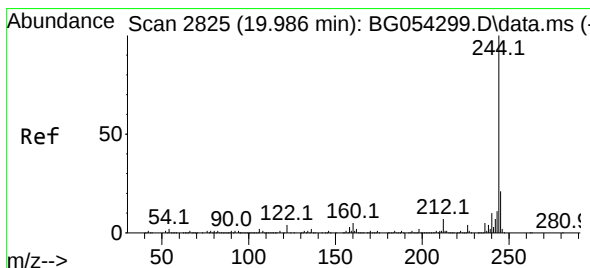
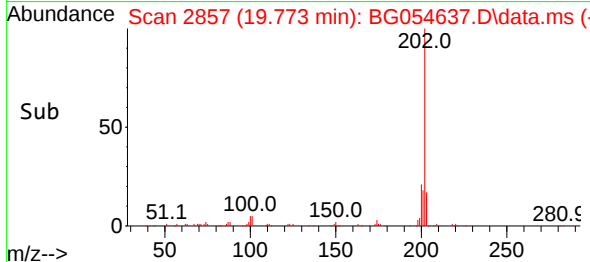
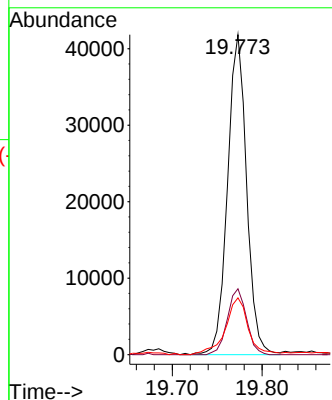
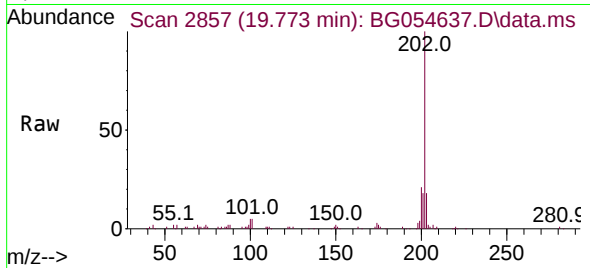




#78
 Pyrene
 Concen: 4.992 ng
 RT: 19.773 min Scan# 2889
 Delta R.T. -0.005 min
 Lab File: BG054637.D
 Acq: 14 Aug 2022 18:02

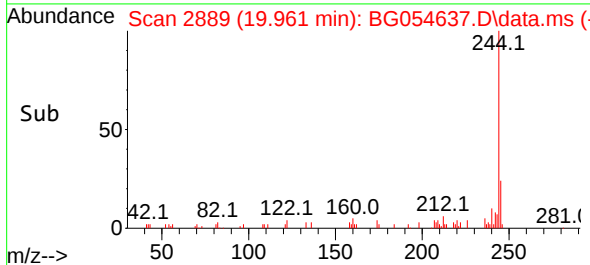
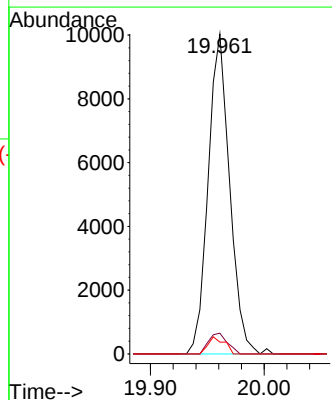
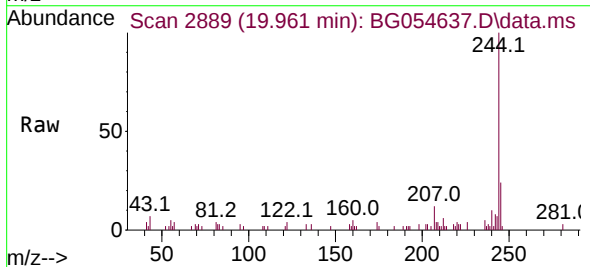
Instrument :
 BNA_G
 ClientSampleId :
 PPE-DRUMS-0808

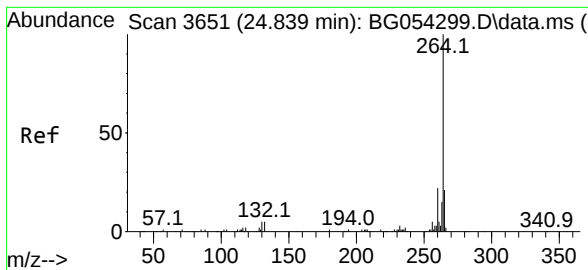
Tgt Ion:	202	Resp:	61930
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	24.8
203	17.7	14.6	21.8



#79
 Terphenyl-d14
 Concen: 1.212 ng
 RT: 19.961 min Scan# 2889
 Delta R.T. -0.005 min
 Lab File: BG054637.D
 Acq: 14 Aug 2022 18:02

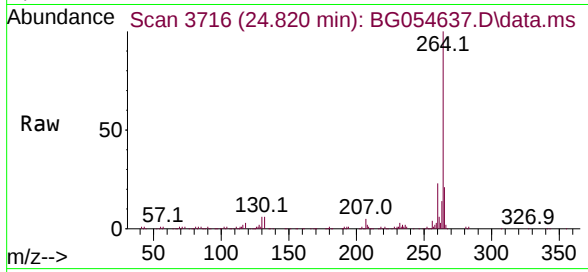
Tgt Ion:	244	Resp:	13207
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.5	9.7#
122	3.7	5.0	7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.820 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG054637.D
 Acq: 14 Aug 2022 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PPE-DRUMS-0808



Tgt Ion:264 Resp: 227947
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 20.8 17.4 26.2

