

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058528.D
 Acq On : 28 Jul 2023 21:45
 Operator : MA/JU
 Sample : 03719-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P22B

Quant Time: Jul 29 01:05:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

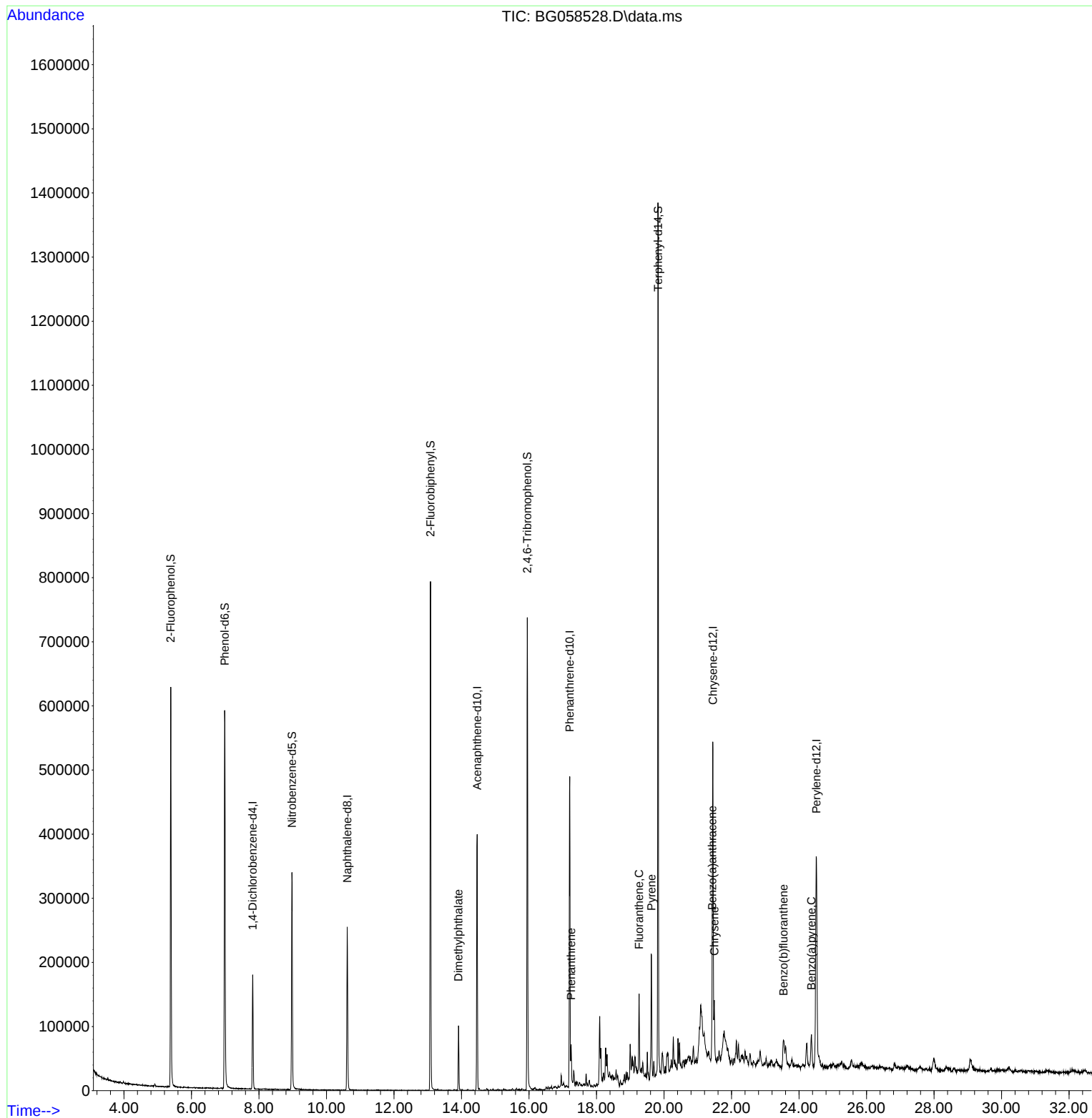
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	51167	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	213956	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	143863	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	319370	20.000	ng	0.00
76) Chrysene-d12	21.448	240	281478	20.000	ng	0.00
86) Perylene-d12	24.515	264	351762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	274398	81.968	ng	0.00
7) Phenol-d6	6.983	99	382972	82.215	ng	0.00
23) Nitrobenzene-d5	8.975	82	216671	49.749	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	166629	70.665	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	457217	47.627	ng	0.00
79) Terphenyl-d14	19.821	244	727330	48.592	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.910	163	71130	6.583	ng	100
71) Phenanthrene	17.247	178	38063	2.513	ng	98
75) Fluoranthene	19.263	202	65993	3.627	ng	98
78) Pyrene	19.627	202	128210	6.693	ng	96
81) Benzo(a)anthracene	21.425	228	61655	3.183	ng	98
83) Chrysene	21.490	228	60961	3.282	ng	99
88) Benzo(b)fluoranthene	23.540	252	54184	2.840	ng	# 95
90) Benzo(a)pyrene	24.369	252	52609	2.808	ng	97

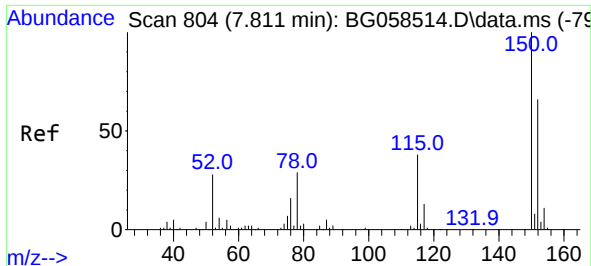
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
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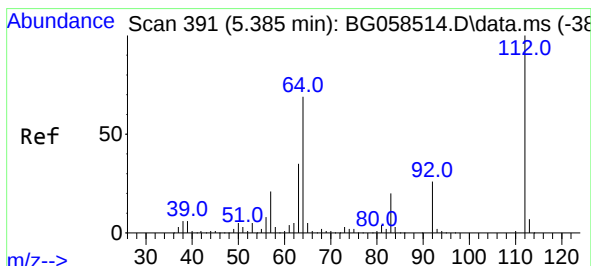
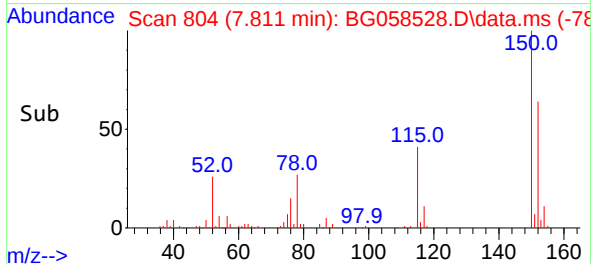
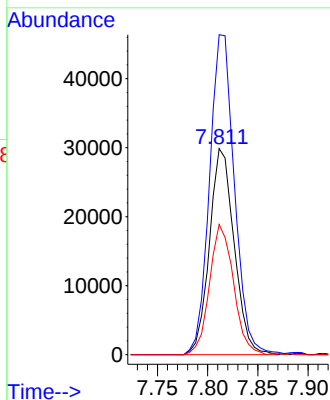
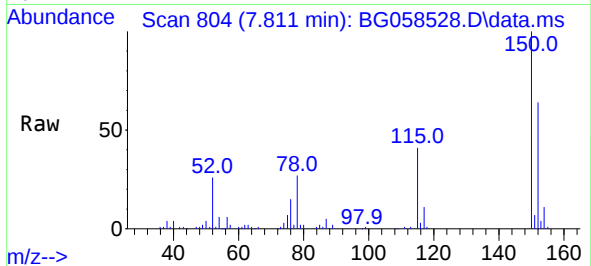




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

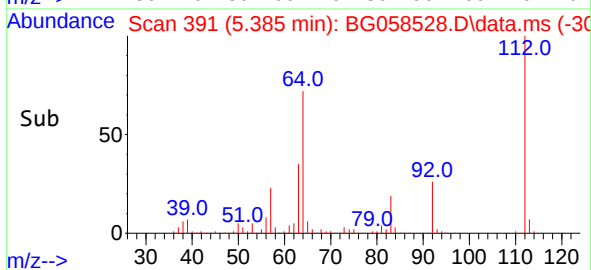
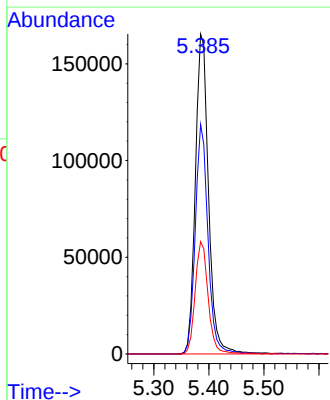
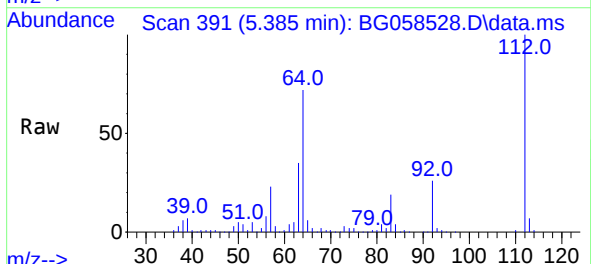
Instrument :
BNA_G
ClientSampleId :
B-P22B

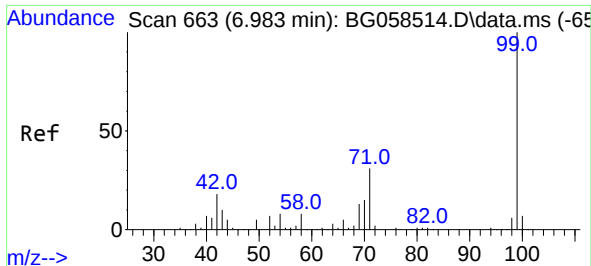
Tgt Ion:152 Resp: 51167
Ion Ratio Lower Upper
152 100
150 155.3 120.5 180.7
115 63.2 45.9 68.9



#5
2-Fluorophenol
Concen: 81.968 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Tgt Ion:112 Resp: 274398
Ion Ratio Lower Upper
112 100
64 71.8 55.3 82.9
63 35.1 28.3 42.5

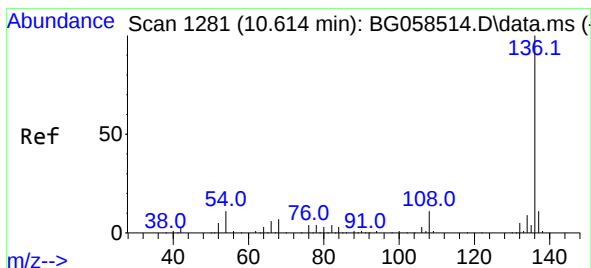
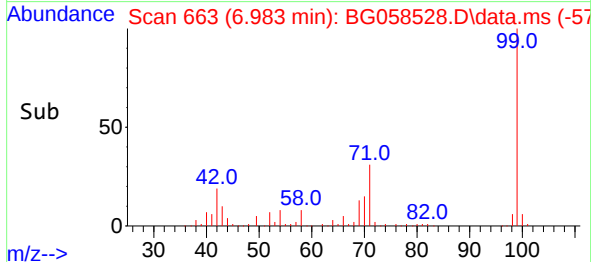
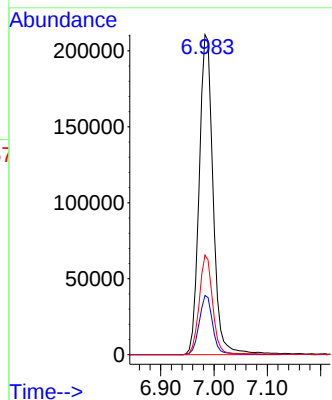
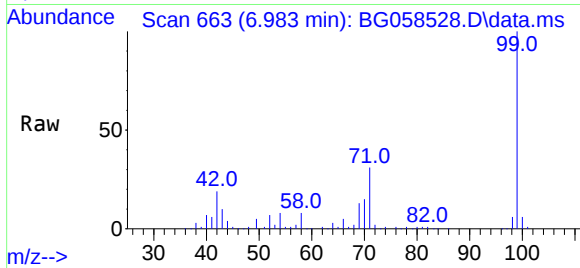




#7
Phenol-d6
Concen: 82.215 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

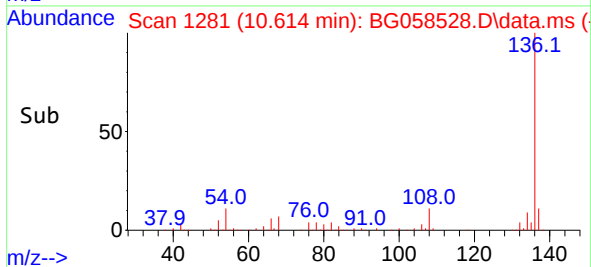
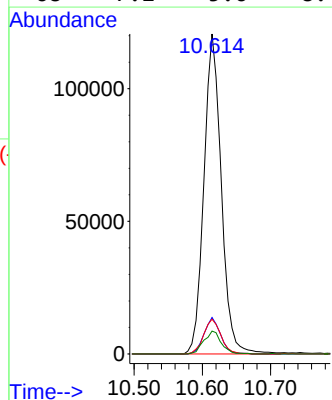
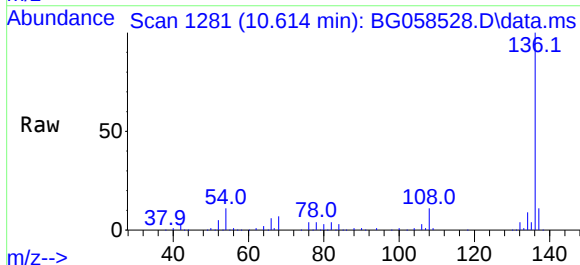
Instrument :
BNA_G
ClientSampleId :
B-P22B

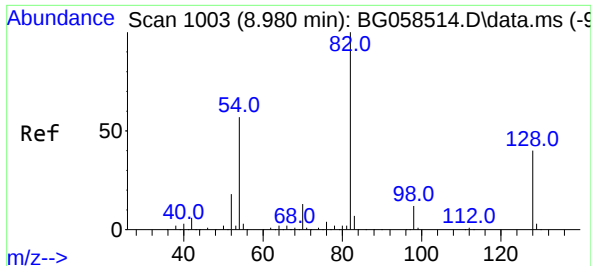
Tgt Ion: 99 Resp: 382972
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 31.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Tgt Ion: 136 Resp: 213956
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 10.8 8.9 13.3
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 49.749 ng

RT: 8.975 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG058528.D

Acq: 28 Jul 2023 21:45

Instrument :

BNA_G

ClientSampleId :

B-P22B

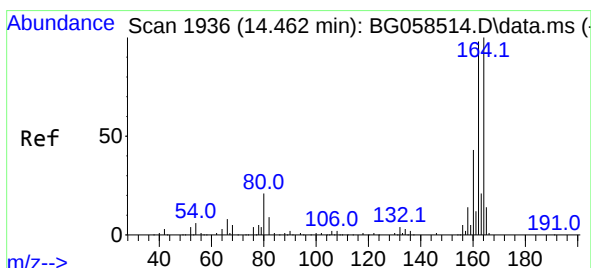
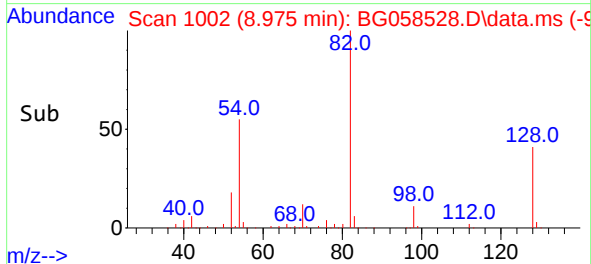
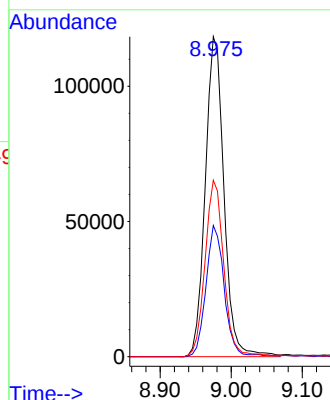
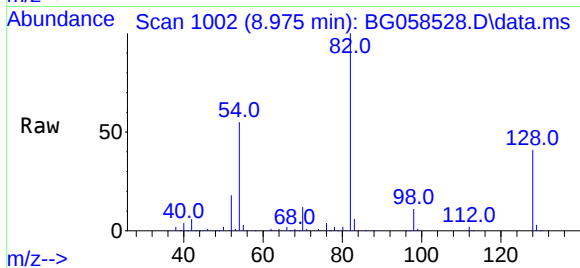
Tgt Ion: 82 Resp: 216671

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.2

54 55.1 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058528.D

Acq: 28 Jul 2023 21:45

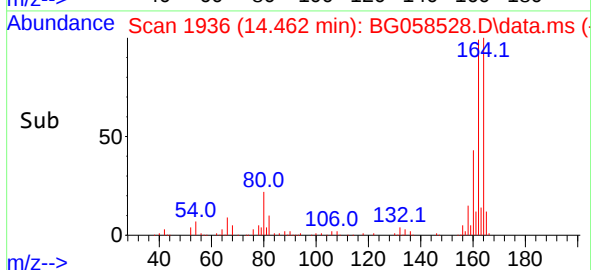
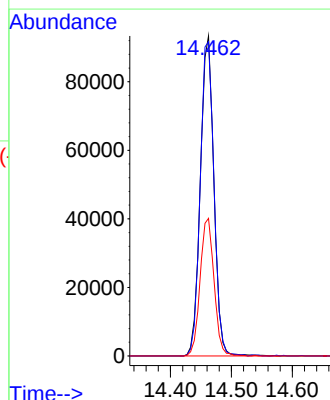
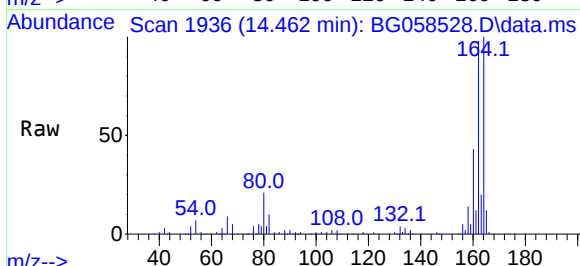
Tgt Ion:164 Resp: 143863

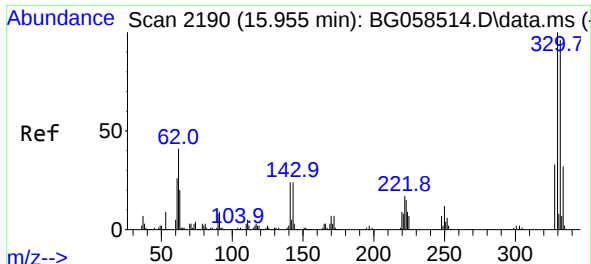
Ion Ratio Lower Upper

164 100

162 98.2 78.3 117.5

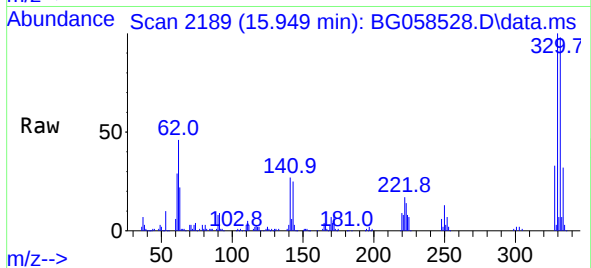
160 43.0 34.1 51.1



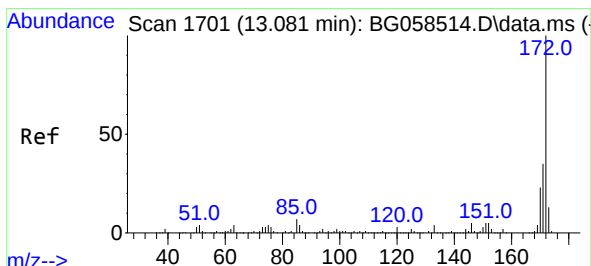
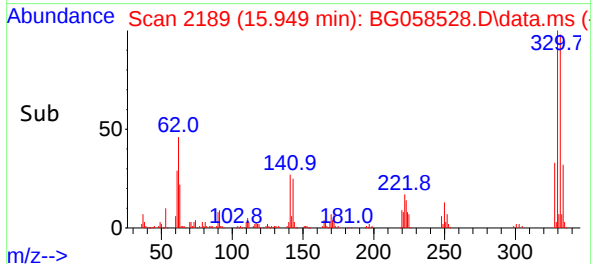
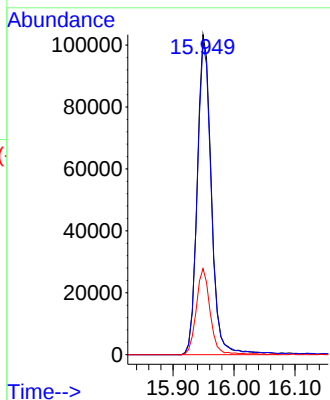


#42
2,4,6-Tribromophenol
Concen: 70.665 ng
RT: 15.949 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Instrument :
BNA_G
ClientSampleId :
B-P22B

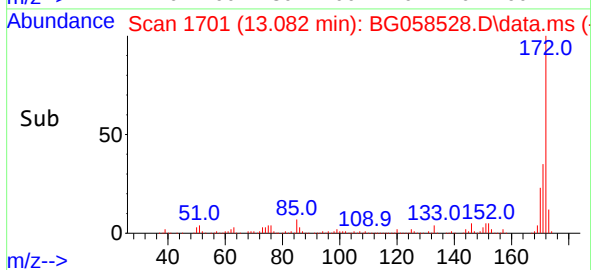
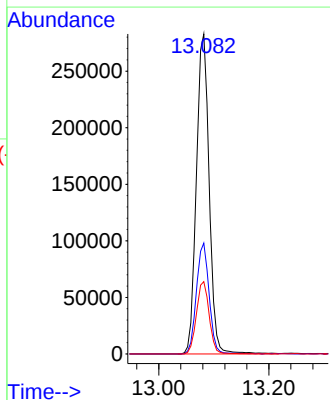
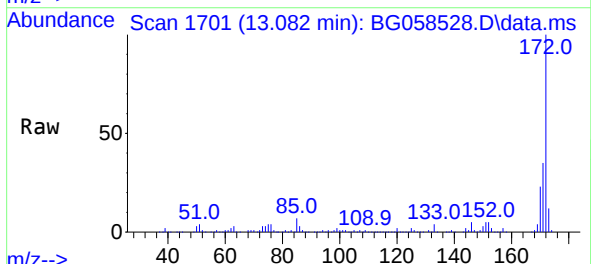


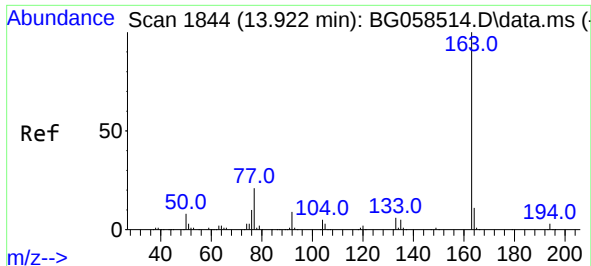
Tgt Ion:330 Resp: 166629
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 26.3 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 47.627 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Tgt Ion:172 Resp: 457217
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.6 18.4 27.6

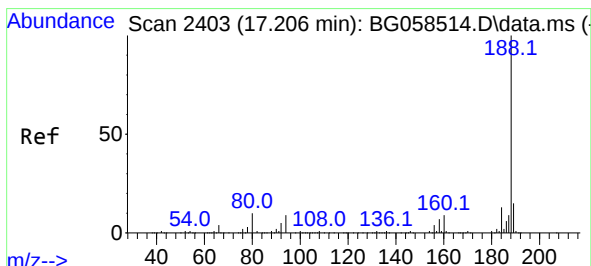
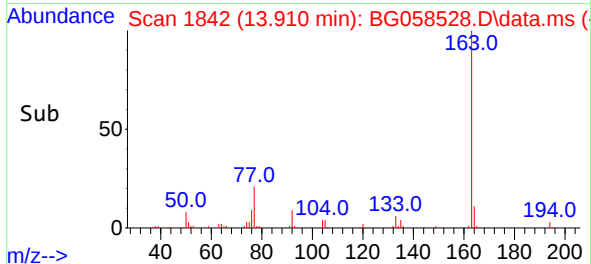
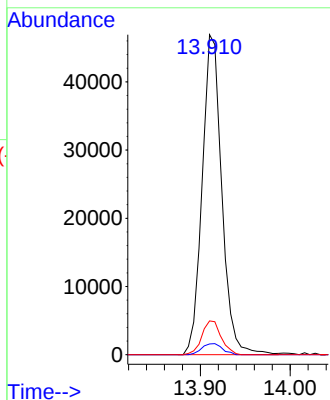
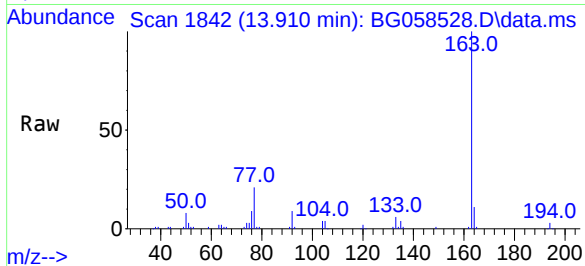




#50
Dimethylphthalate
Concen: 6.583 ng
RT: 13.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

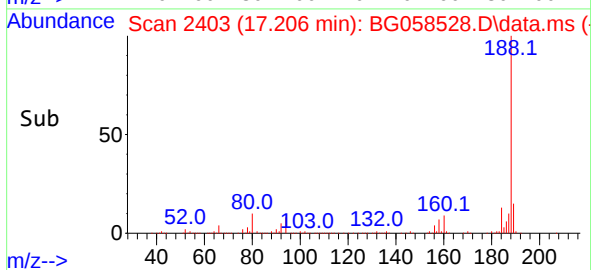
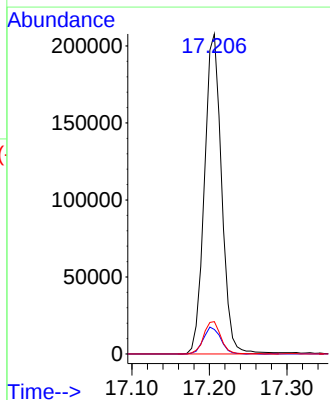
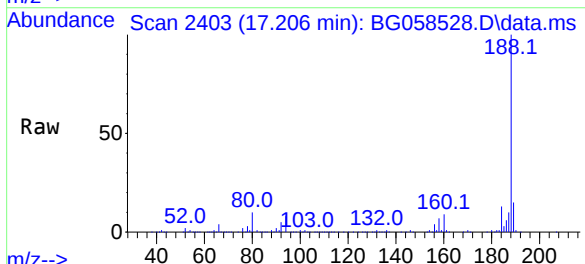
Instrument :
BNA_G
ClientSampleId :
B-P22B

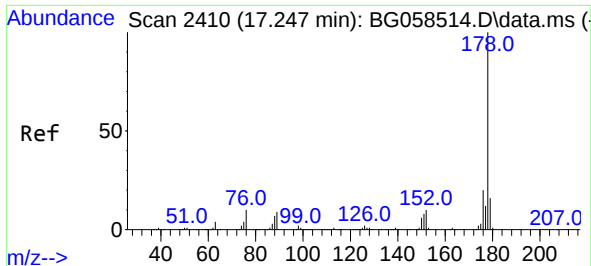
Tgt Ion:163 Resp: 71130
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.6 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Tgt Ion:188 Resp: 319370
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 10.1 8.1 12.1

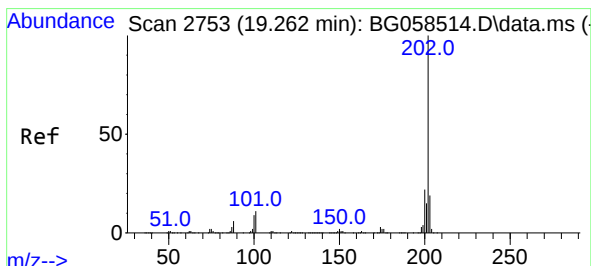
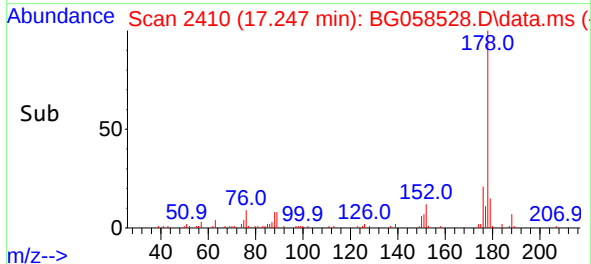
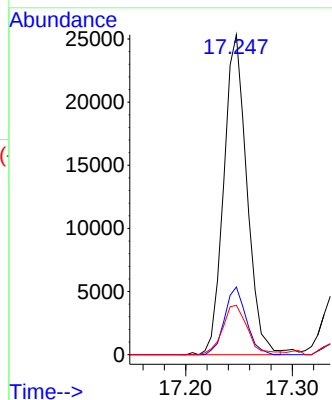
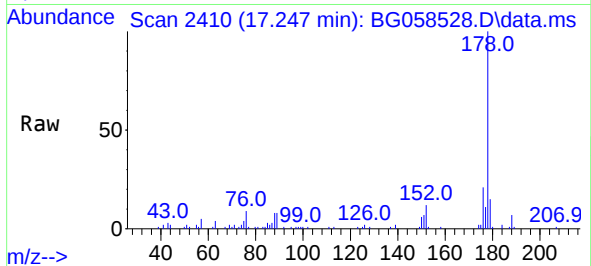




#71
Phenanthrene
Concen: 2.513 ng
RT: 17.247 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

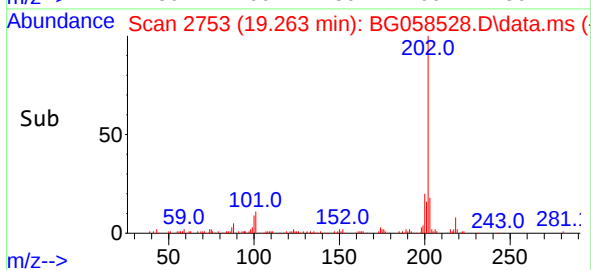
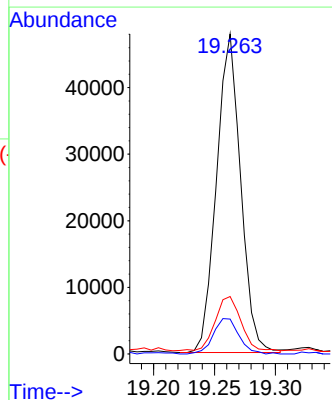
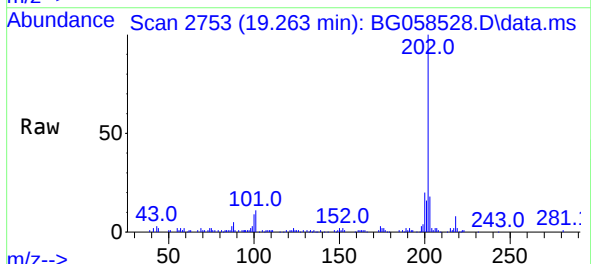
Instrument :
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ClientSampleId :
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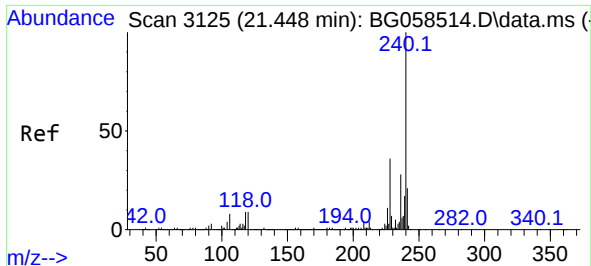
Tgt Ion:178 Resp: 38063
Ion Ratio Lower Upper
178 100
176 21.1 16.3 24.5
179 15.4 13.1 19.7



#75
Fluoranthene
Concen: 3.627 ng
RT: 19.263 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Tgt Ion:202 Resp: 65993
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.9 0.0 39.0

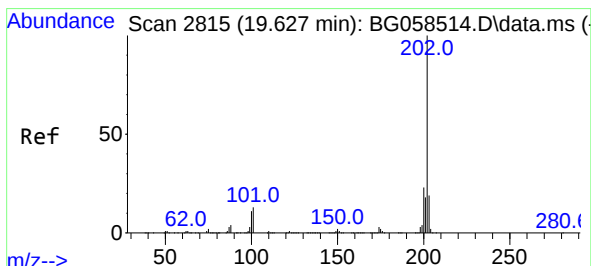
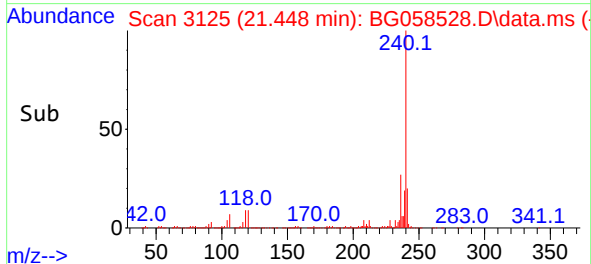
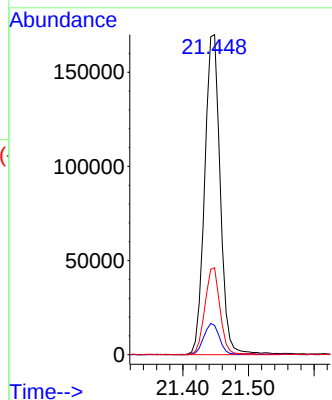
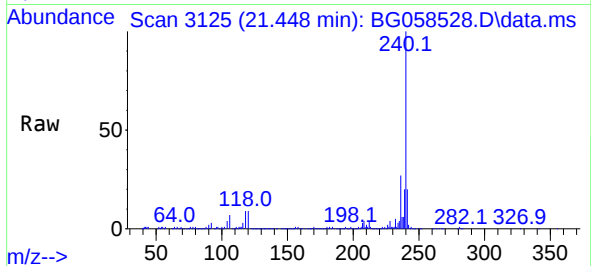




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

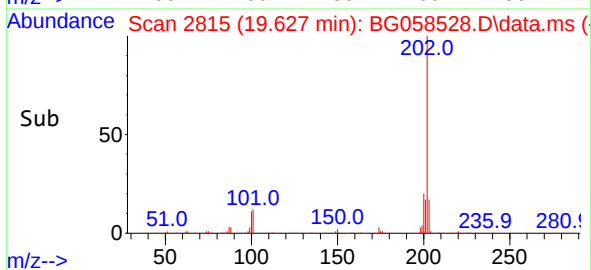
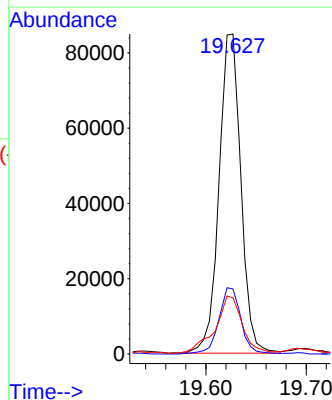
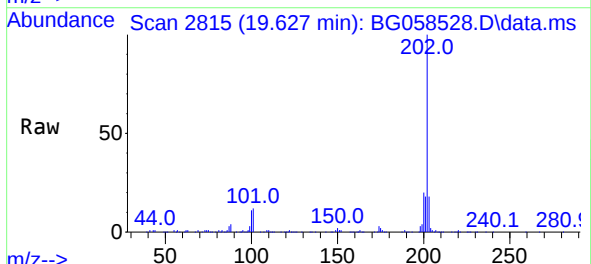
Instrument :
BNA_G
ClientSampleId :
B-P22B

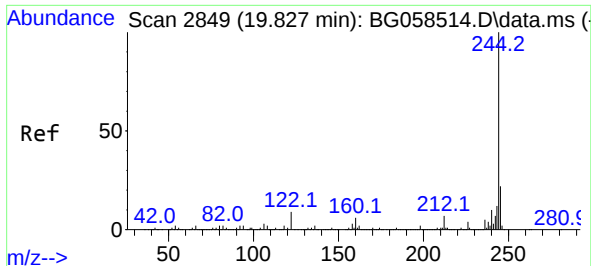
Tgt Ion:240 Resp: 281478
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.2 22.2 33.4



#78
Pyrene
Concen: 6.693 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

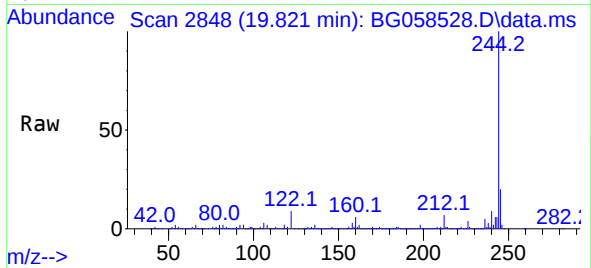
Tgt Ion:202 Resp: 128210
Ion Ratio Lower Upper
202 100
200 20.3 18.2 27.2
203 17.5 15.1 22.7



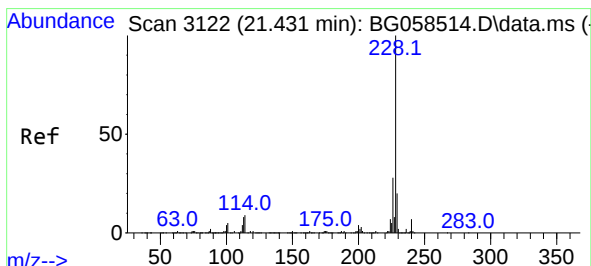
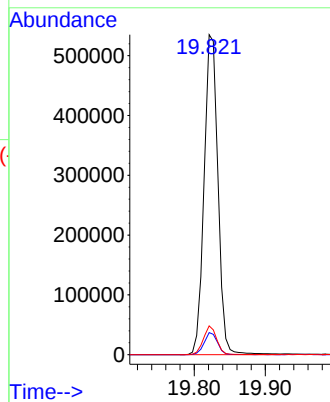
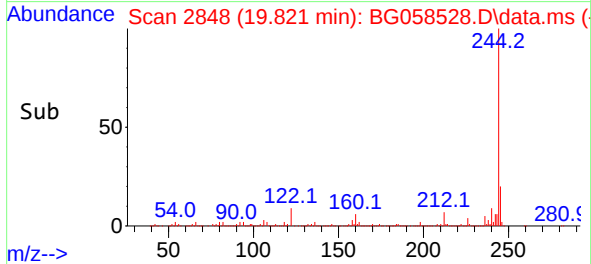


#79
Terphenyl-d14
Concen: 48.592 ng
RT: 19.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

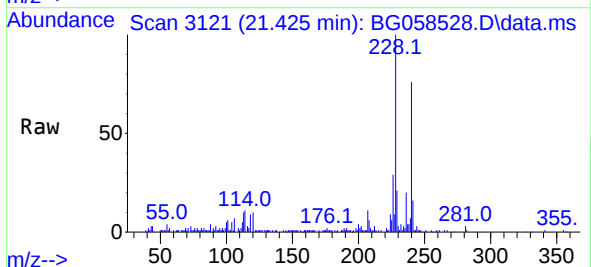
Instrument :
BNA_G
ClientSampleId :
B-P22B



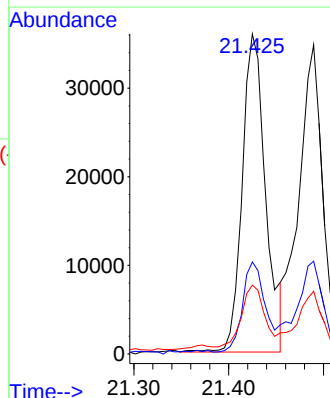
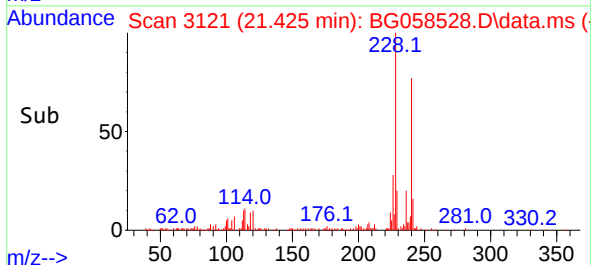
Tgt Ion:244 Resp: 727330
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.0 6.8 10.2

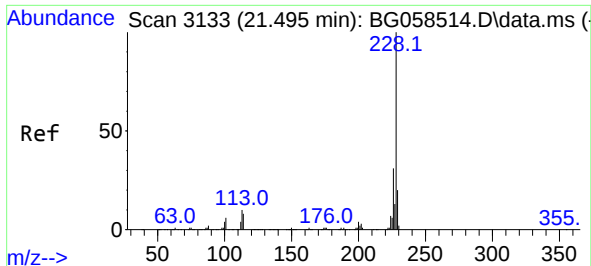


#81
Benzo(a)anthracene
Concen: 3.183 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45



Tgt Ion:228 Resp: 61655
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 21.5 16.3 24.5

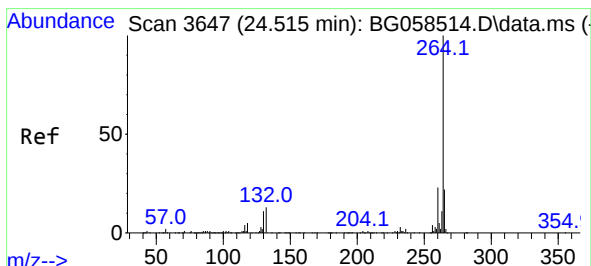
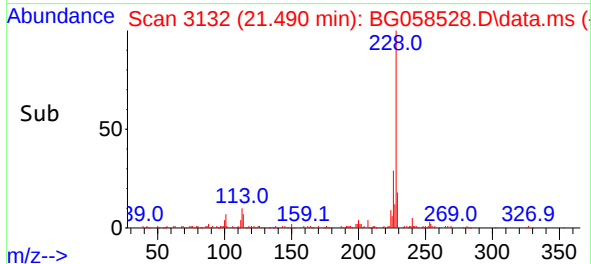
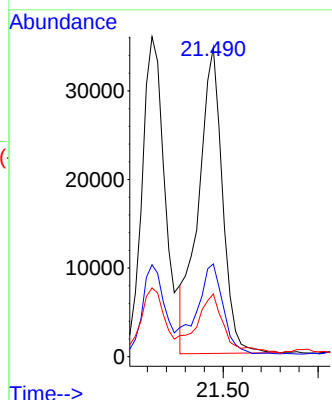
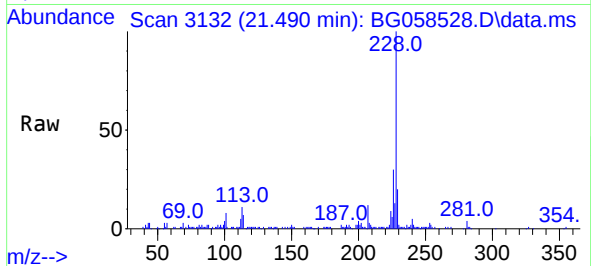




#83
Chrysene
Concen: 3.282 ng
RT: 21.490 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

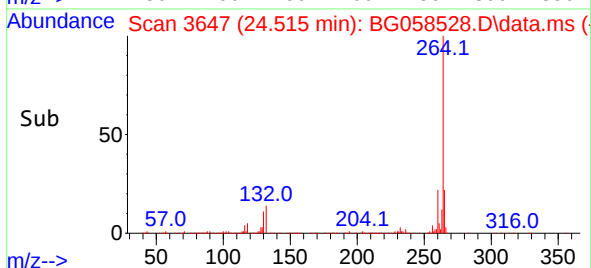
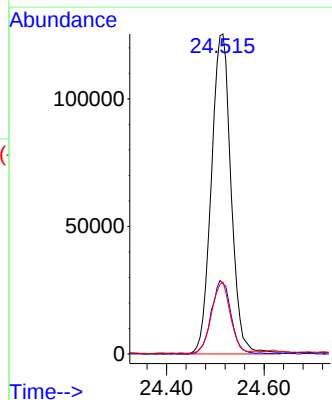
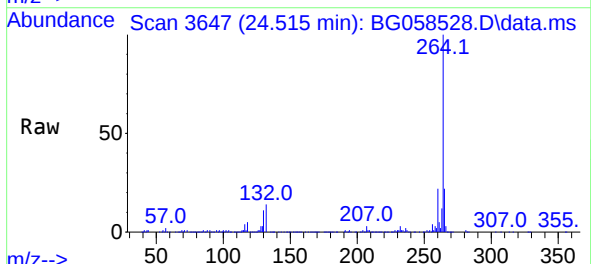
Instrument :
BNA_G
ClientSampleId :
B-P22B

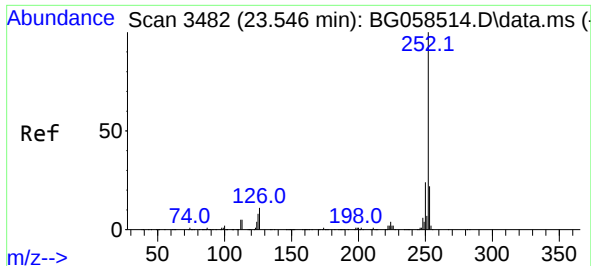
Tgt Ion:228	Resp: 60961
Ion Ratio	Lower Upper
228	100
226	30.0 25.0 37.6
229	20.3 16.3 24.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.515 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Tgt Ion:264	Resp: 351762
Ion Ratio	Lower Upper
264	100
260	22.0 18.4 27.6
265	22.5 17.9 26.9

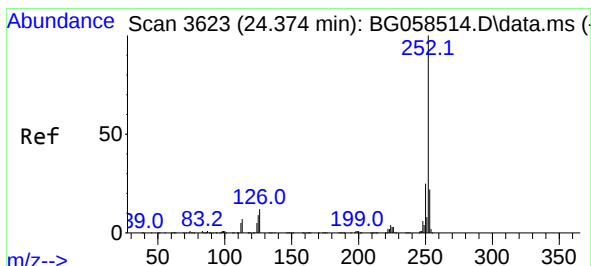
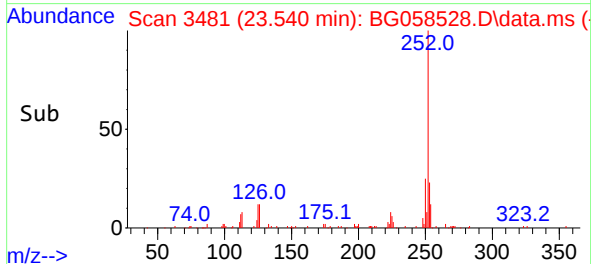
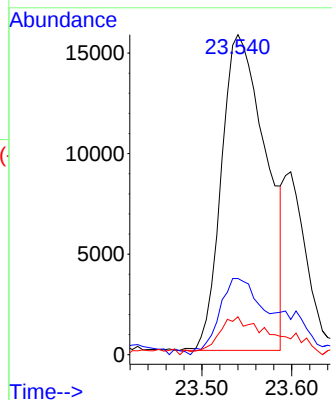
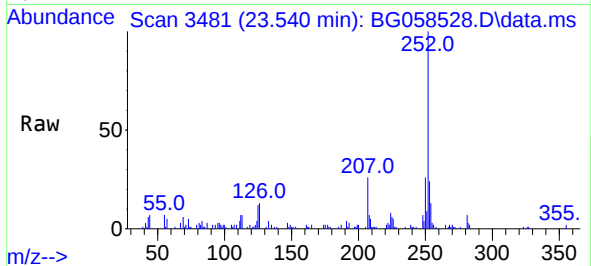




#88
Benzo(b)fluoranthene
Concen: 2.840 ng
RT: 23.540 min Scan# 3482
Delta R.T. -0.006 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Instrument :
BNA_G
ClientSampleId :
B-P22B

Tgt Ion:252 Resp: 54184
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 11.8 6.6 9.8#



#90
Benzo(a)pyrene
Concen: 2.808 ng
RT: 24.369 min Scan# 3622
Delta R.T. -0.006 min
Lab File: BG058528.D
Acq: 28 Jul 2023 21:45

Tgt Ion:252 Resp: 52609
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.9 7.4 11.2

