

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058616.D
 Acq On : 4 Aug 2023 18:12
 Operator : MA/JU
 Sample : 03769-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P14B

Quant Time: Aug 04 23:23:43 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)

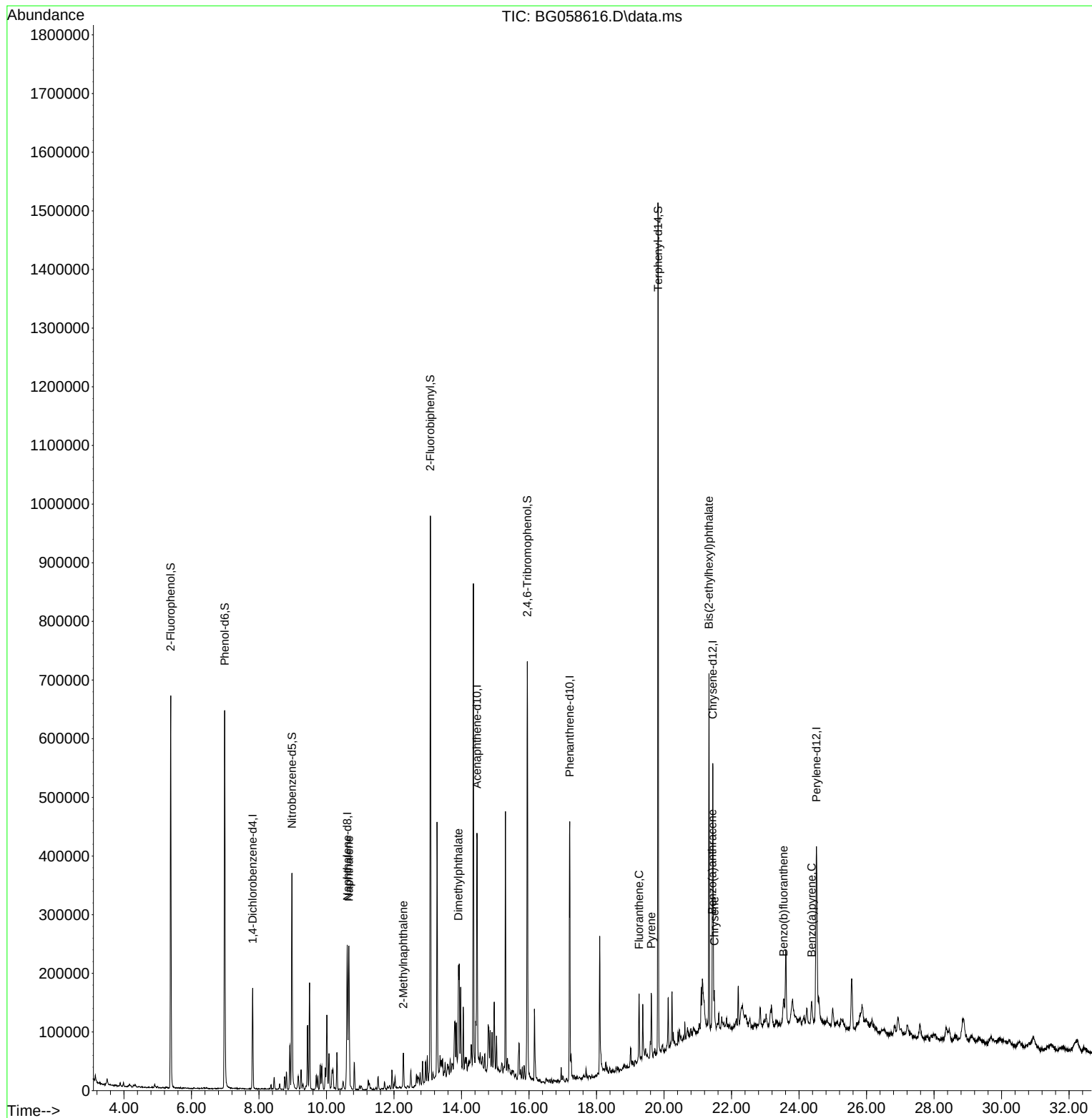
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	47609	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	207397	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	135676	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	292570	20.000	ng	0.00
76) Chrysene-d12	21.442	240	256177	20.000	ng	0.00
86) Perylene-d12	24.515	264	318053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	281293	90.307	ng	0.00
7) Phenol-d6	6.983	99	396235	91.420	ng	0.00
23) Nitrobenzene-d5	8.975	82	235137	55.696	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	163484	73.515	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	535487	59.147	ng	0.00
79) Terphenyl-d14	19.827	244	769685	56.501	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.661	128	155848	14.257	ng	99
37) 2-Methylnaphthalene	12.277	142	33031	4.224	ng	99
50) Dimethylphthalate	13.910	163	44764	4.393	ng	# 97
75) Fluoranthene	19.263	202	61511	3.691	ng	97
78) Pyrene	19.621	202	68179	3.911	ng	98
81) Benzo(a)anthracene	21.425	228	39513	2.241	ng	97
83) Chrysene	21.489	228	40799	2.414	ng	96
84) Bis(2-ethylhexyl)phtha...	21.331	149	231059	22.079	ng	99
88) Benzo(b)fluoranthene	23.540	252	49362	2.861	ng	# 87
90) Benzo(a)pyrene	24.374	252	35874	2.118	ng	# 89

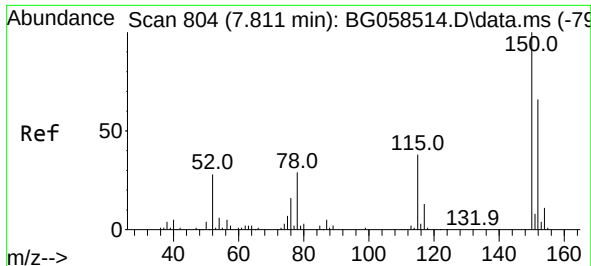
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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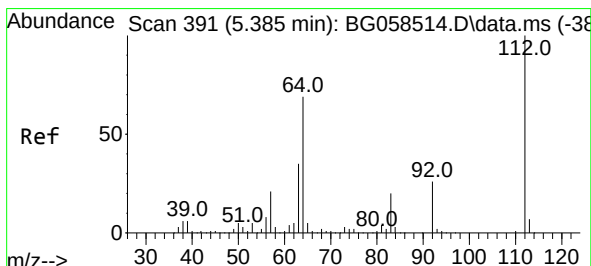
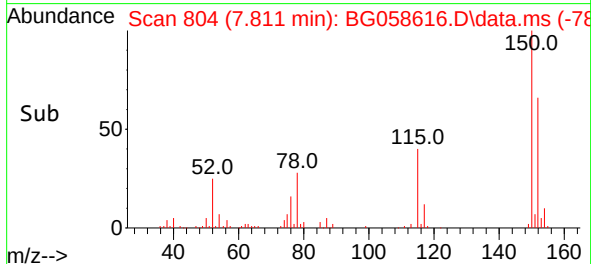
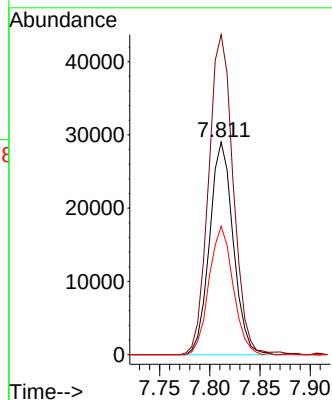
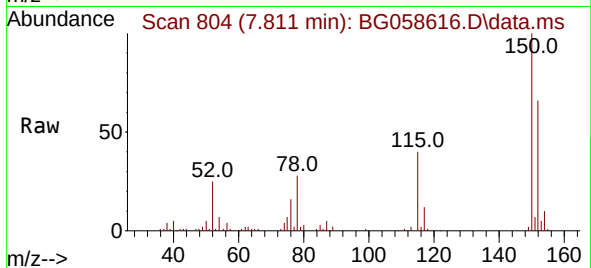




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

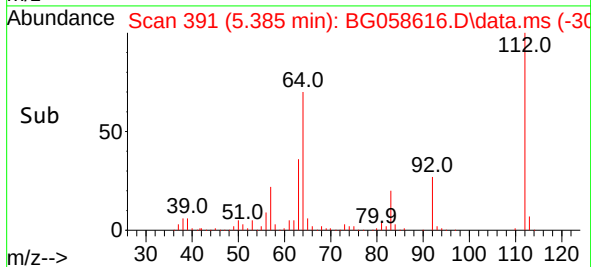
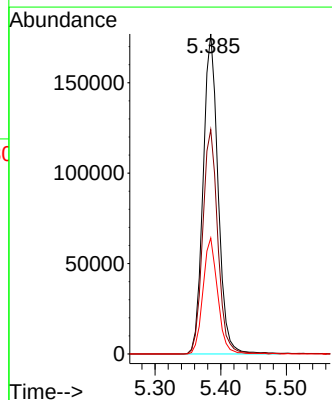
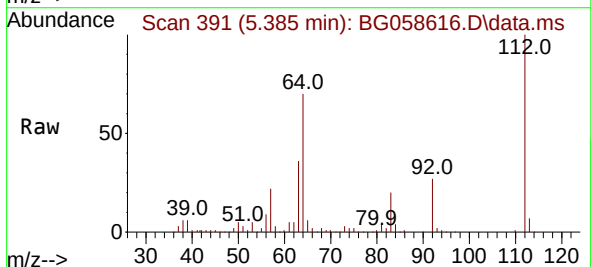
Instrument :
BNA_G
ClientSampleId :
B-P14B

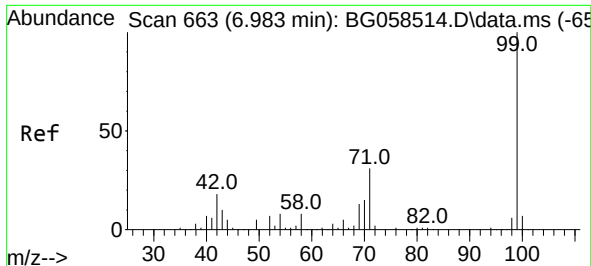
Tgt Ion:152 Resp: 47609
Ion Ratio Lower Upper
152 100
150 150.5 120.5 180.7
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 90.307 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Tgt Ion:112 Resp: 281293
Ion Ratio Lower Upper
112 100
64 70.1 55.3 82.9
63 36.2 28.3 42.5

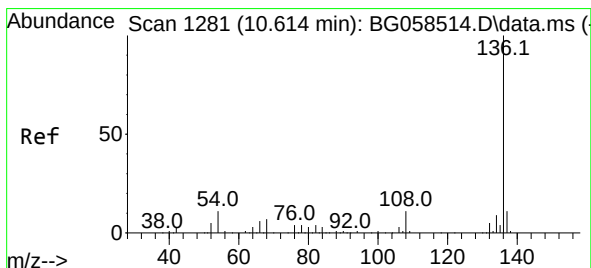
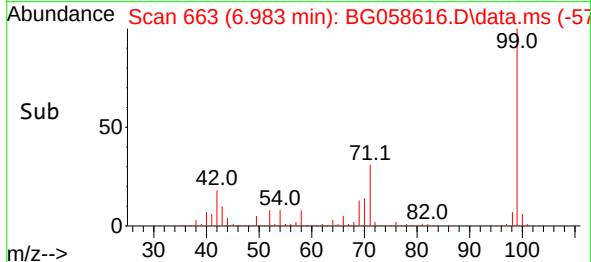
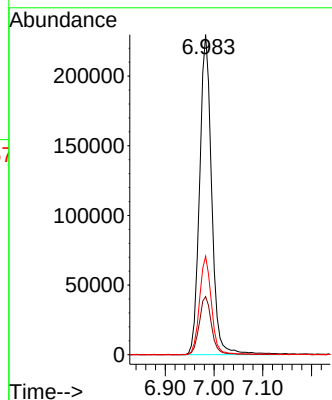
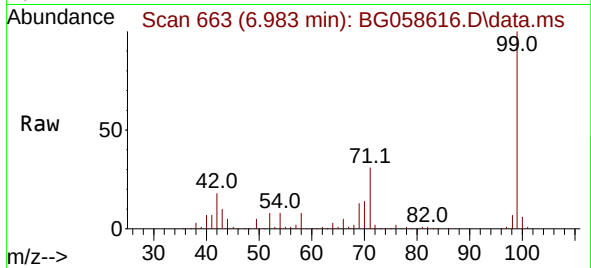




#7
Phenol-d6
Concen: 91.420 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

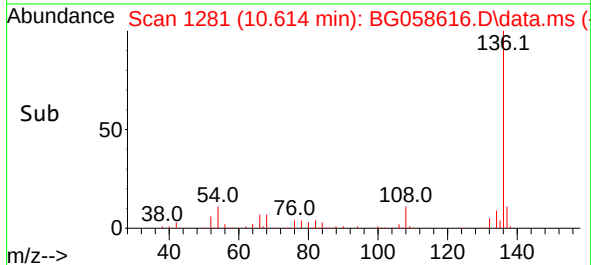
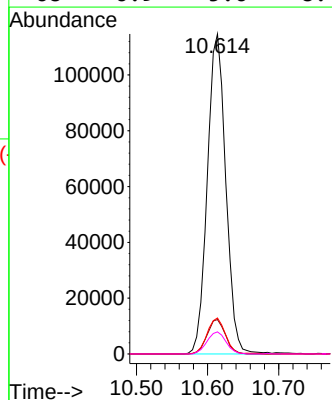
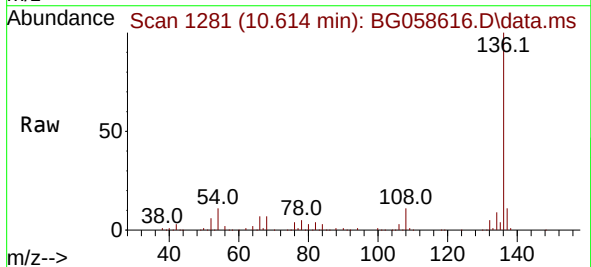
Instrument :
BNA_G
ClientSampleId :
B-P14B

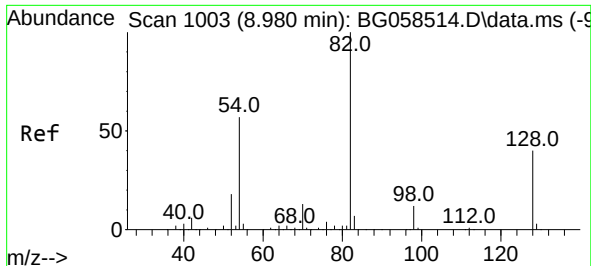
Tgt Ion: 99 Resp: 396235
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Tgt Ion: 136 Resp: 207397
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.3 8.9 13.3
68 6.9 5.6 8.4

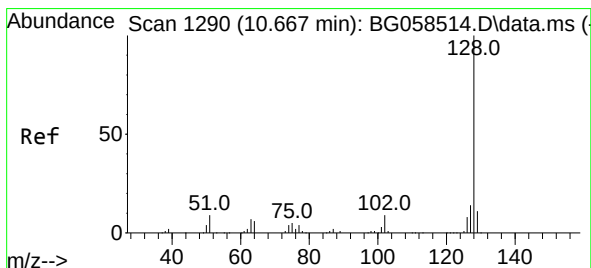
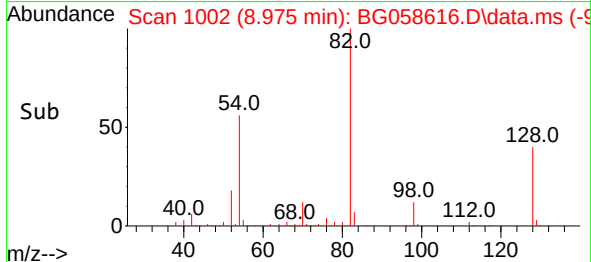
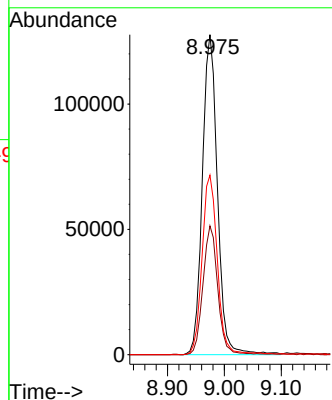
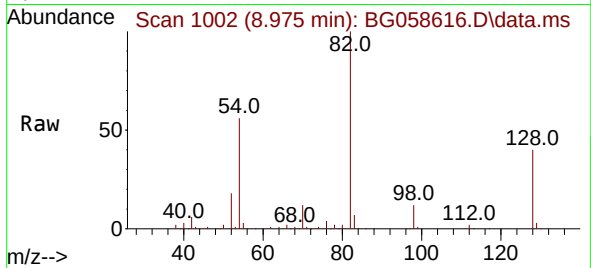




#23
Nitrobenzene-d5
Concen: 55.696 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

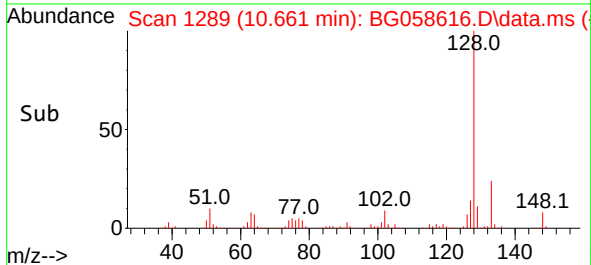
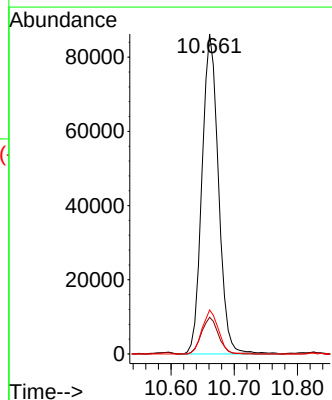
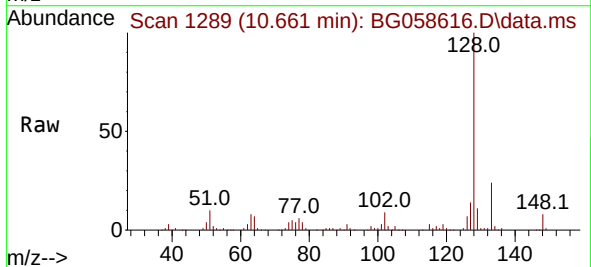
Instrument :
BNA_G
ClientSampleId :
B-P14B

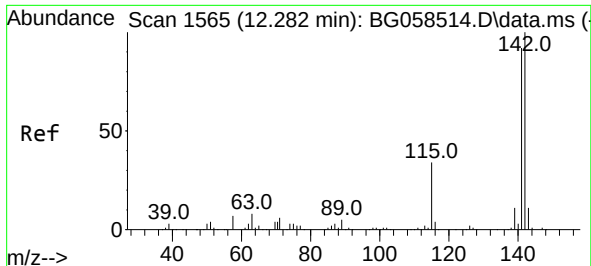
Tgt Ion: 82 Resp: 235137
Ion Ratio Lower Upper
82 100
128 40.3 32.2 48.2
54 56.1 46.0 69.0



#31
Naphthalene
Concen: 14.257 ng
RT: 10.661 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

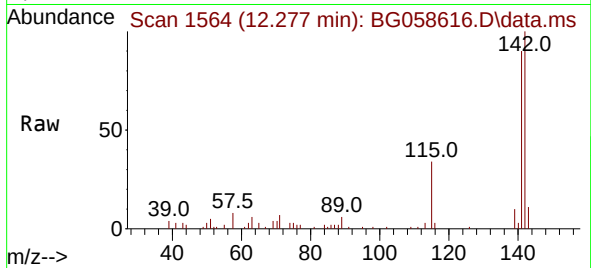
Tgt Ion:128 Resp: 155848
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.8 10.9 16.3



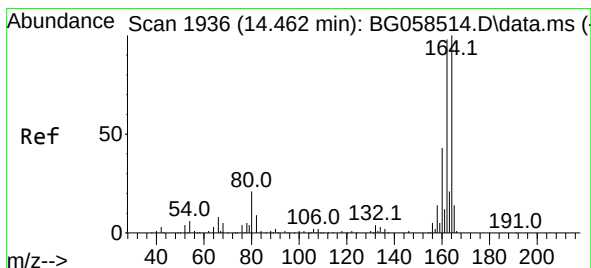
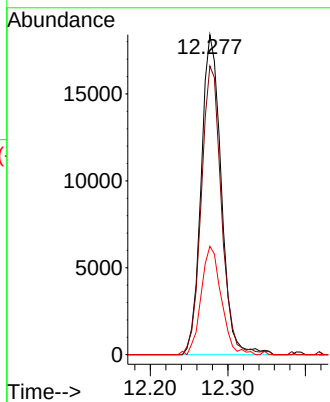
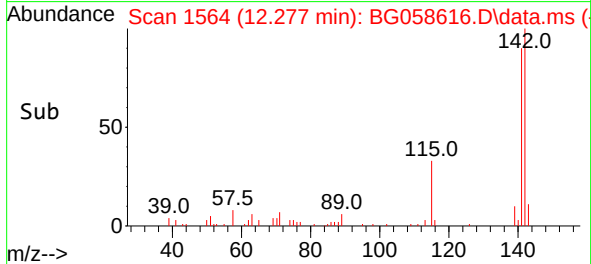


#37
2-Methylnaphthalene
Concen: 4.224 ng
RT: 12.277 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

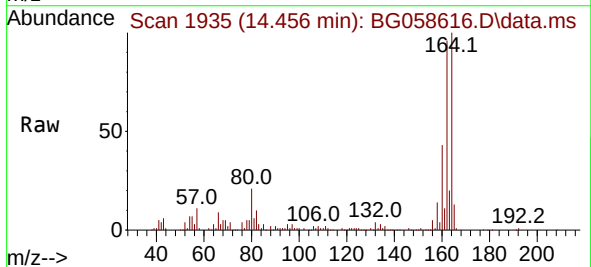
Instrument :
BNA_G
ClientSampleId :
B-P14B



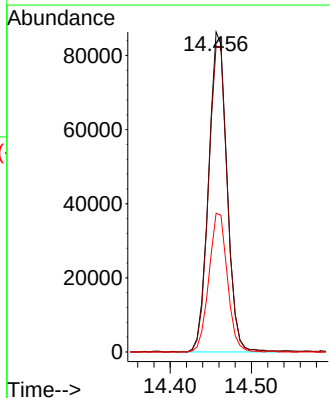
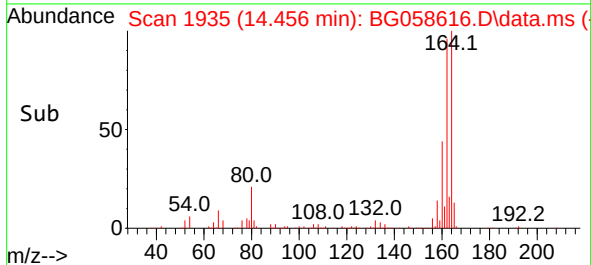
Tgt Ion:142 Resp: 33031
Ion Ratio Lower Upper
142 100
141 90.2 73.5 110.3
115 33.9 27.4 41.0

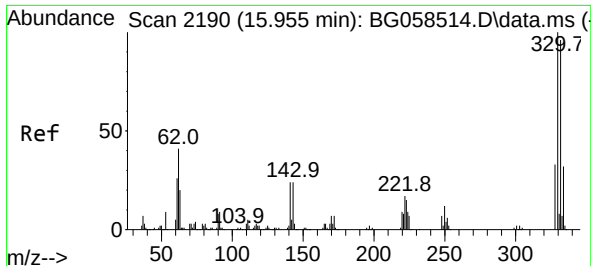


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12



Tgt Ion:164 Resp: 135676
Ion Ratio Lower Upper
164 100
162 95.7 78.3 117.5
160 43.4 34.1 51.1

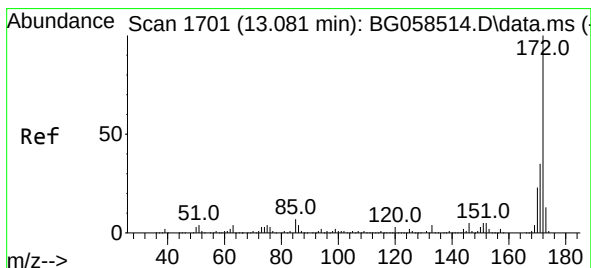
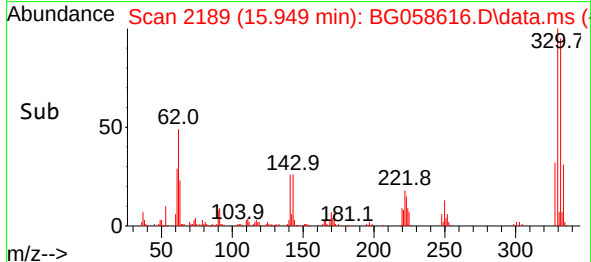
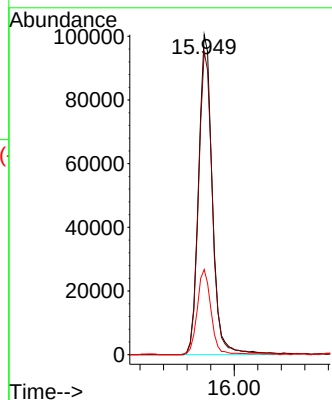
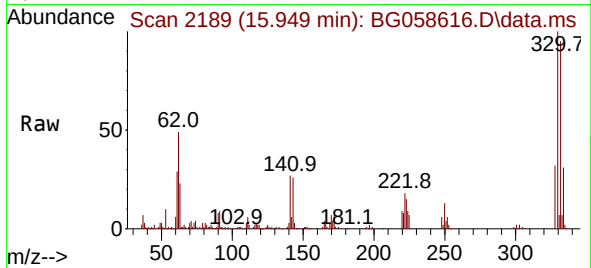




#42
2,4,6-Tribromophenol
Concen: 73.515 ng
RT: 15.949 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

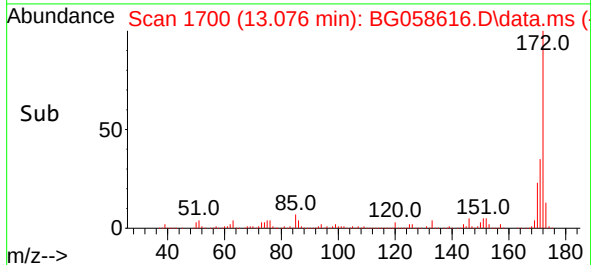
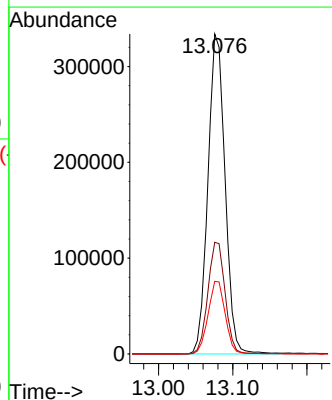
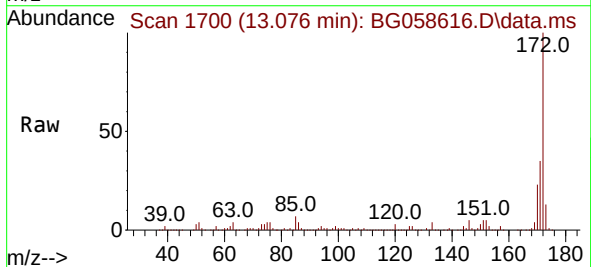
Instrument :
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B-P14B

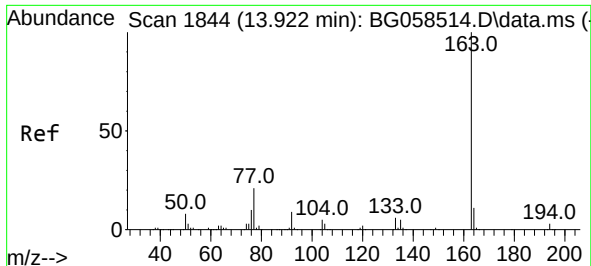
Tgt Ion:330 Resp: 163484
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 26.6 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 59.147 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Tgt Ion:172 Resp: 535487
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.7 18.4 27.6

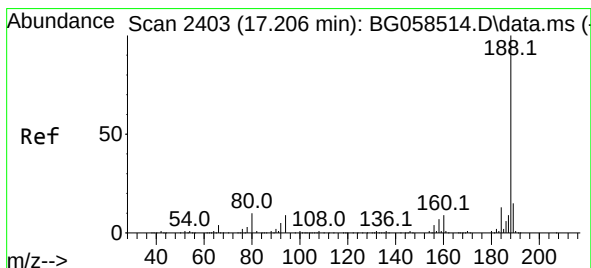
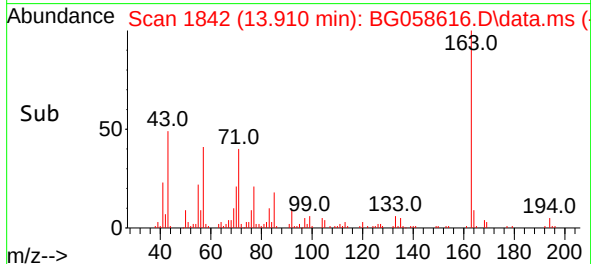
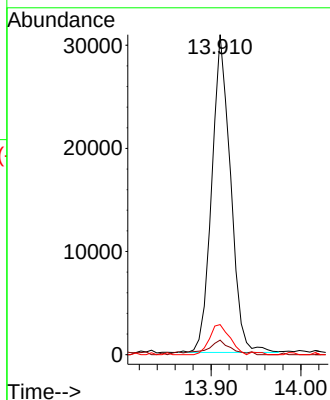
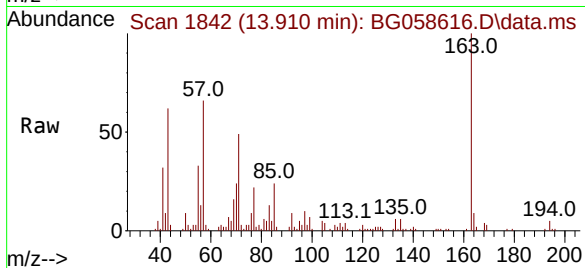




#50
Dimethylphthalate
Concen: 4.393 ng
RT: 13.910 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

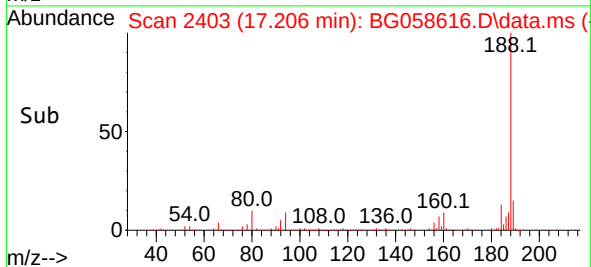
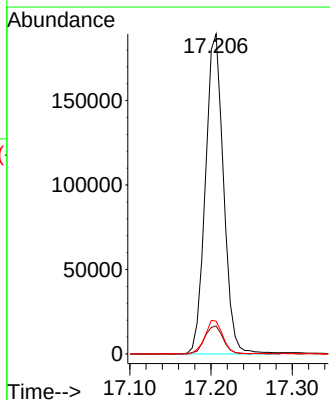
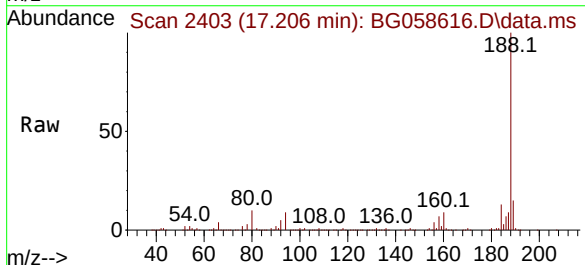
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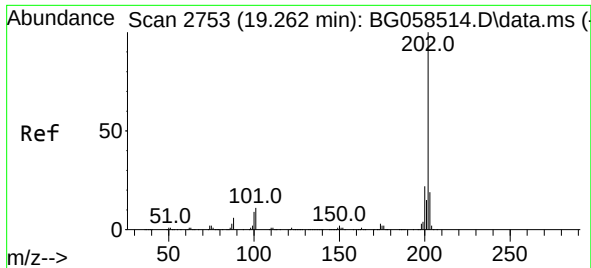
Tgt Ion:163 Resp: 44764
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 9.4 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Tgt Ion:188 Resp: 292570
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 10.3 8.1 12.1

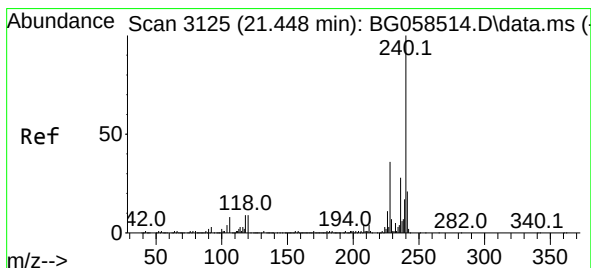
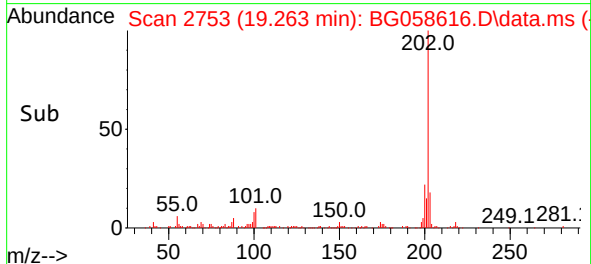
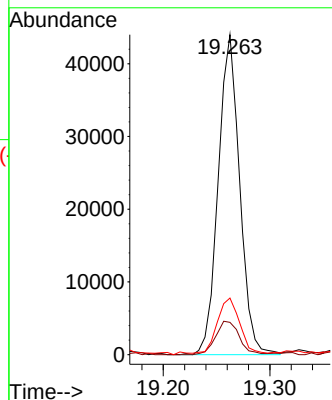
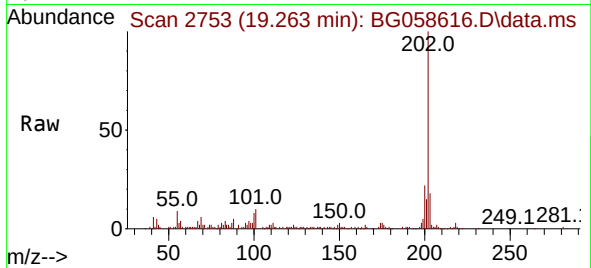




#75
Fluoranthene
Concen: 3.691 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

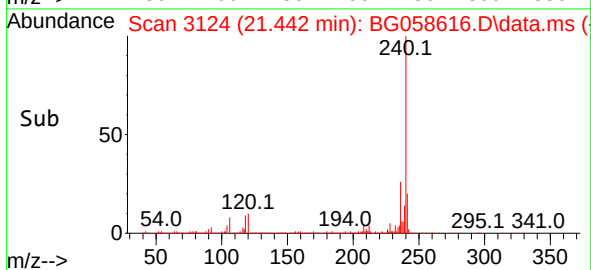
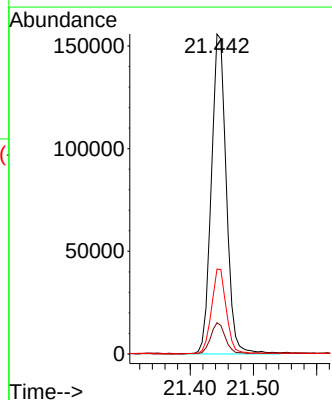
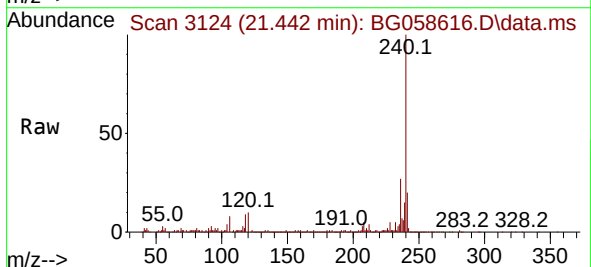
Instrument :
BNA_G
ClientSampleId :
B-P14B

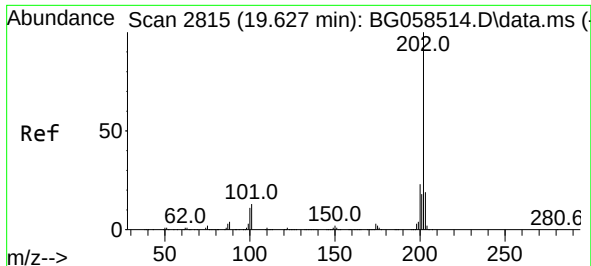
Tgt Ion:202 Resp: 61511
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 17.7 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Tgt Ion:240 Resp: 256177
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.5 22.2 33.4

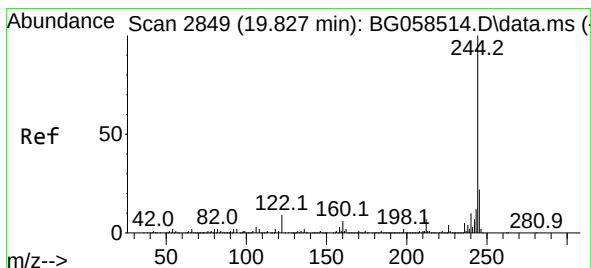
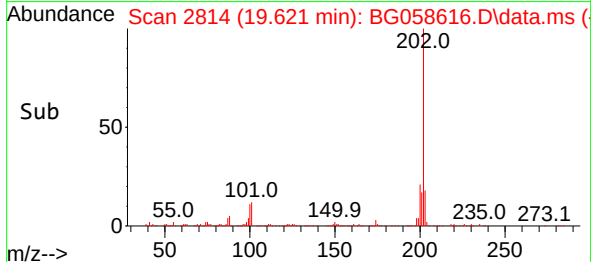
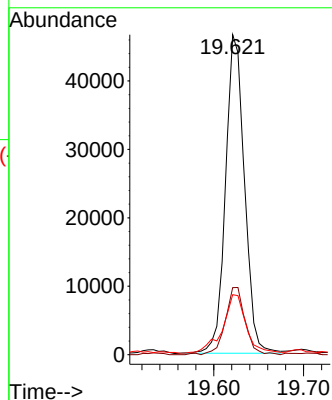
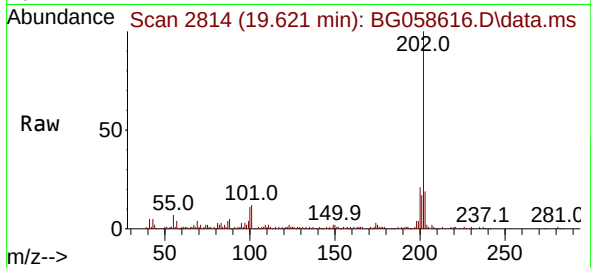




#78
Pyrene
Concen: 3.911 ng
RT: 19.621 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

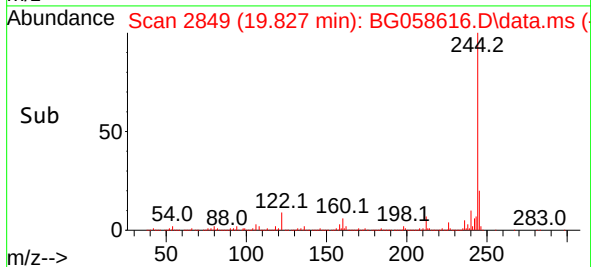
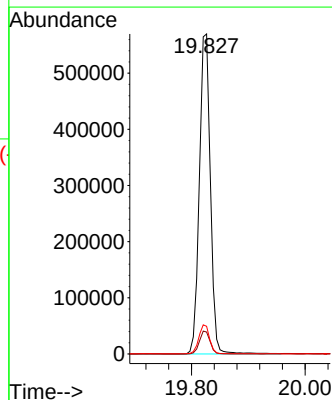
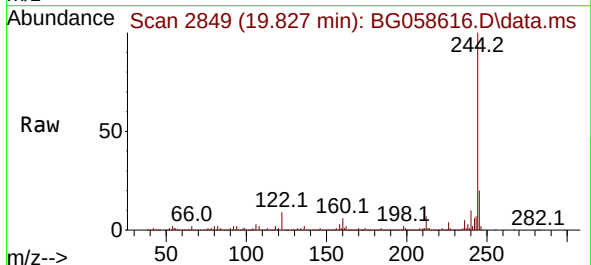
Instrument :
BNA_G
ClientSampleId :
B-P14B

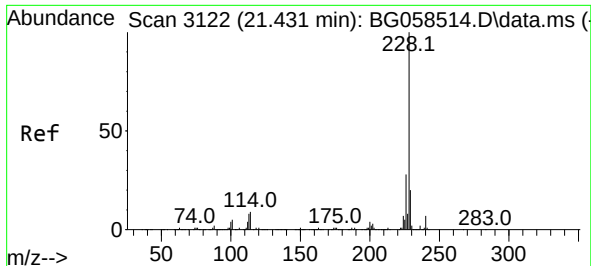
Tgt Ion:202 Resp: 68179
Ion Ratio Lower Upper
202 100
200 21.0 18.2 27.2
203 18.7 15.1 22.7



#79
Terphenyl-d14
Concen: 56.501 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Tgt Ion:244 Resp: 769685
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.6 6.8 10.2

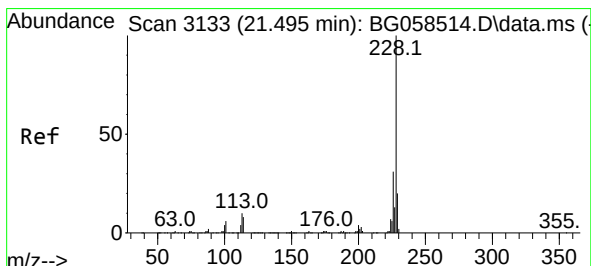
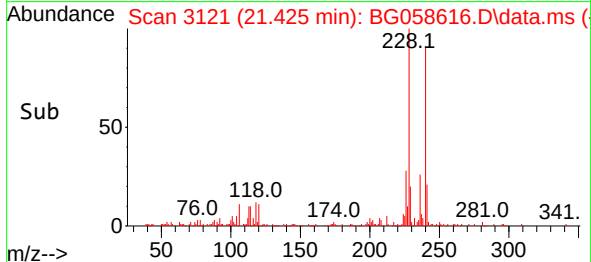
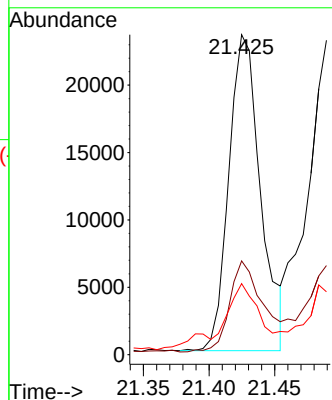
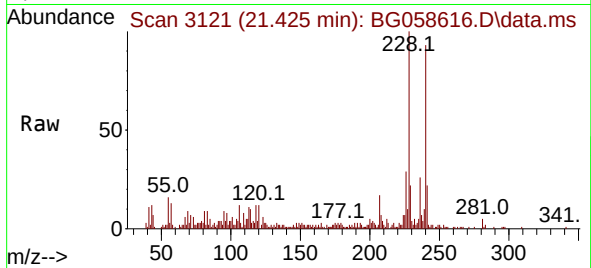




#81
Benzo(a)anthracene
Concen: 2.241 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

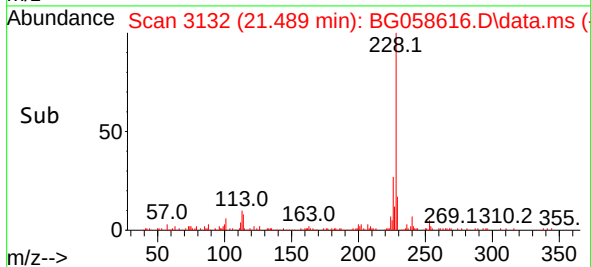
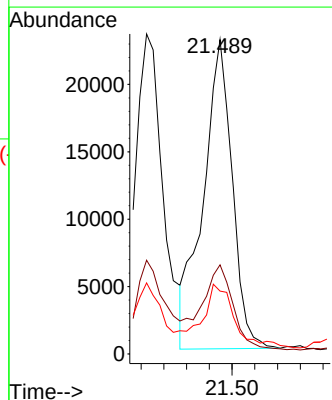
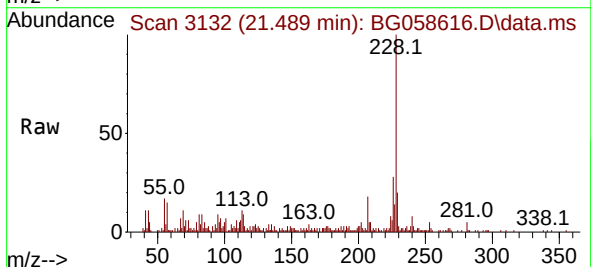
Instrument :
BNA_G
ClientSampleId :
B-P14B

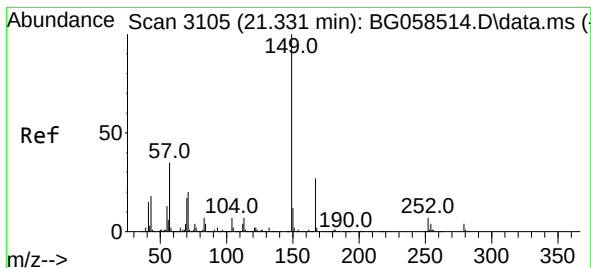
Tgt Ion:228 Resp: 39513
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 22.2 16.3 24.5



#83
Chrysene
Concen: 2.414 ng
RT: 21.489 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Tgt Ion:228 Resp: 40799
Ion Ratio Lower Upper
228 100
226 28.3 25.0 37.6
229 20.0 16.3 24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 22.079 ng

RT: 21.331 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BG058616.D

Acq: 4 Aug 2023 18:12

Instrument :

BNA_G

ClientSampleId :

B-P14B

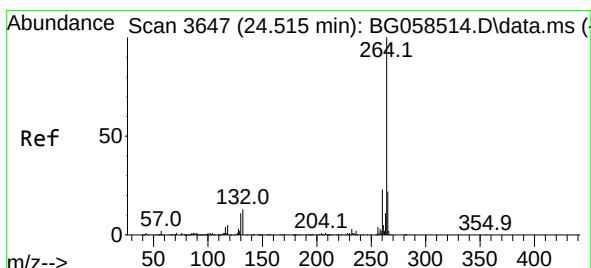
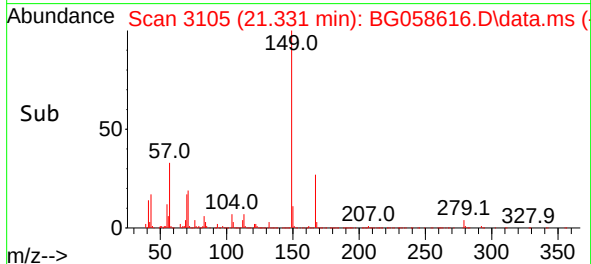
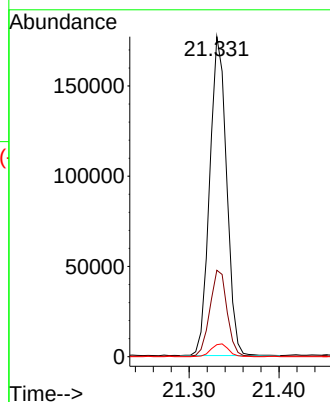
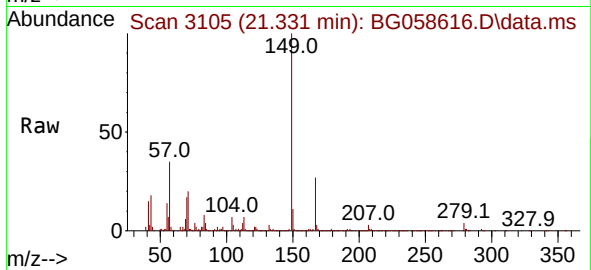
Tgt Ion:149 Resp: 231059

Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 3.7 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.515 min Scan# 3647

Delta R.T. 0.000 min

Lab File: BG058616.D

Acq: 4 Aug 2023 18:12

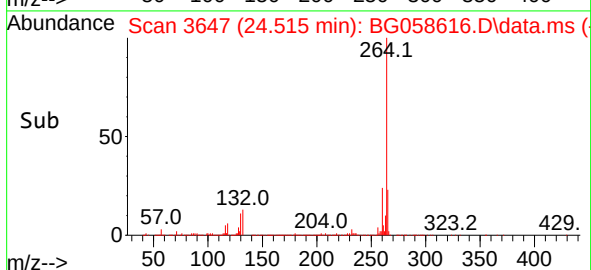
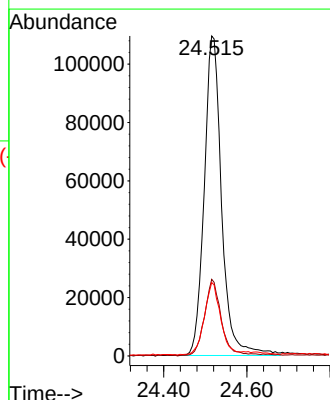
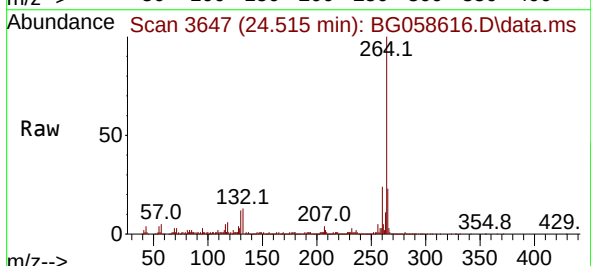
Tgt Ion:264 Resp: 318053

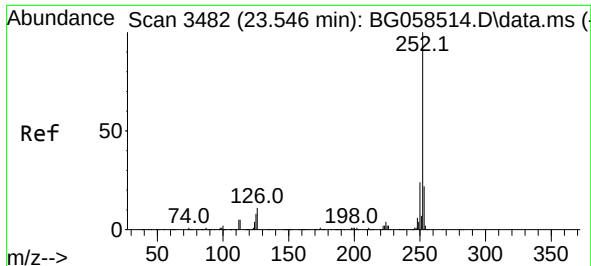
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 23.0 17.9 26.9

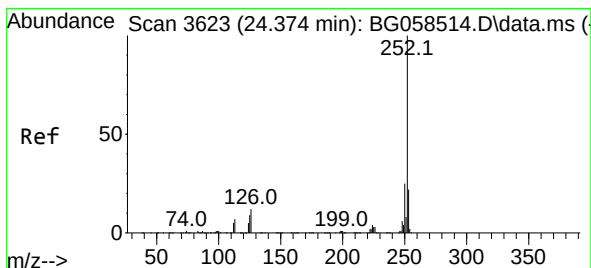
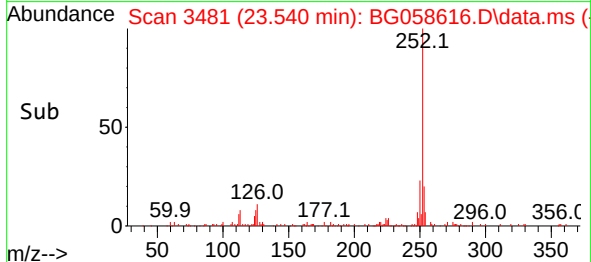
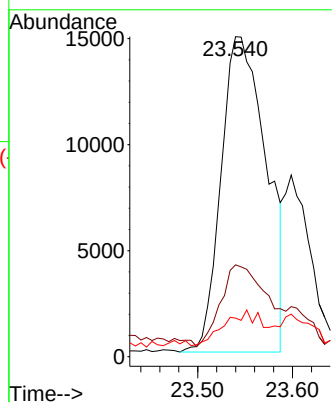
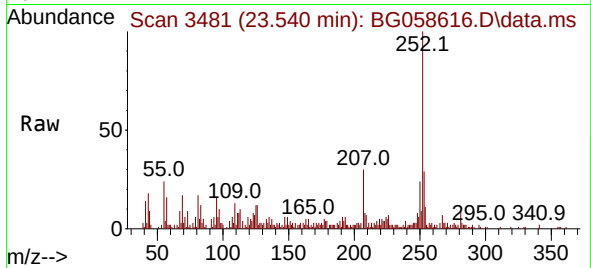




#88
Benzo(b)fluoranthene
Concen: 2.861 ng
RT: 23.540 min Scan# 3482
Delta R.T. -0.006 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Instrument :
BNA_G
ClientSampleId :
B-P14B

Tgt Ion:252 Resp: 49362
Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.8#
125 12.1 6.6 9.8#



#90
Benzo(a)pyrene
Concen: 2.118 ng
RT: 24.374 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BG058616.D
Acq: 4 Aug 2023 18:12

Tgt Ion:252 Resp: 35874
Ion Ratio Lower Upper
252 100
253 26.8 17.5 26.3#
125 13.3 7.4 11.2#

