

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058560.D
 Acq On : 1 Aug 2023 13:17
 Operator : MA/JU
 Sample : 03769-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P30A

Quant Time: Aug 01 15:19:39 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)

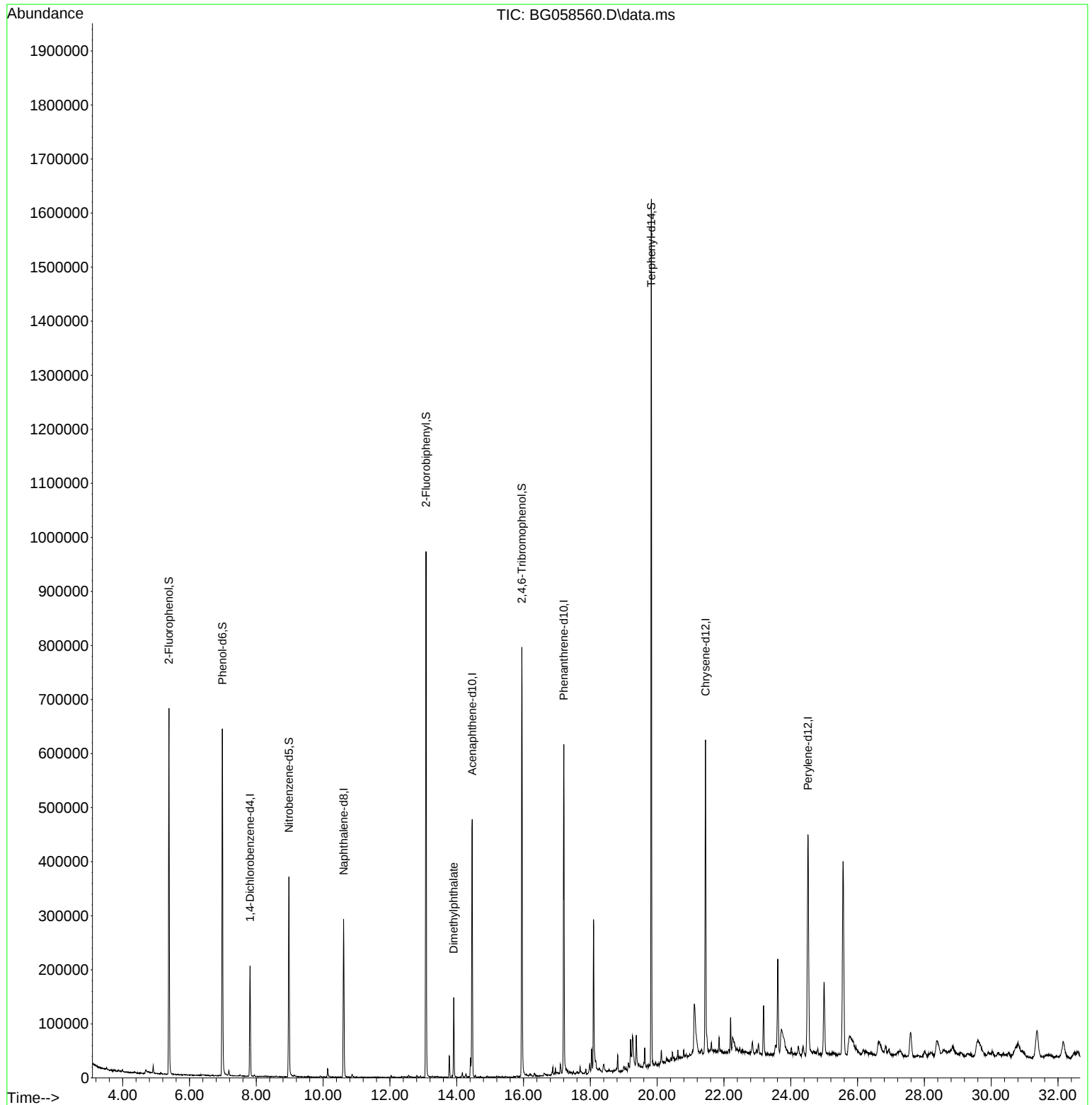
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	56683	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	251323	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	175526	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	390558	20.000	ng	0.00
76) Chrysene-d12	21.448	240	343388	20.000	ng	0.00
86) Perylene-d12	24.515	264	423549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	284154	76.622	ng	0.00
7) Phenol-d6	6.983	99	395443	76.631	ng	0.00
23) Nitrobenzene-d5	8.975	82	237587	46.440	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	179231	62.298	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	540070	46.110	ng	0.00
79) Terphenyl-d14	19.827	244	860508	47.125	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.910	163	102425	7.770	ng	Qvalue 100

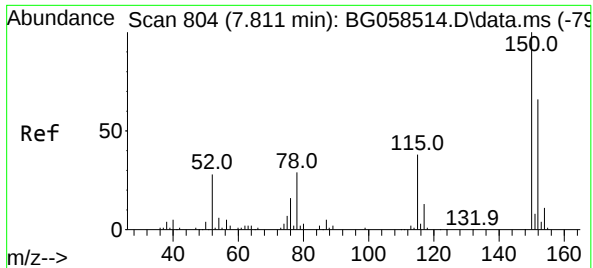
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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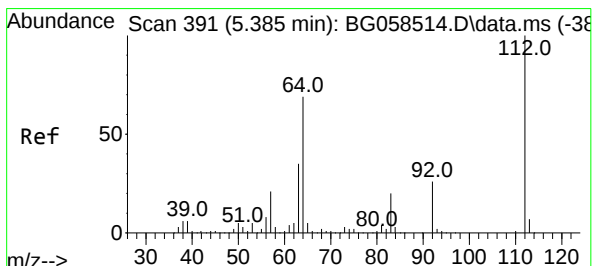
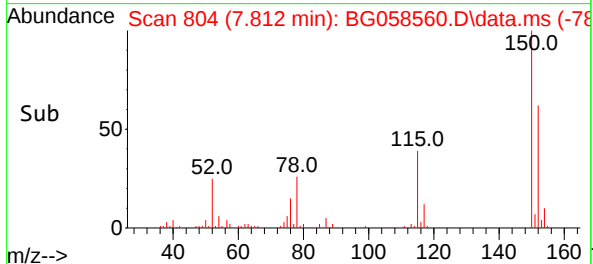
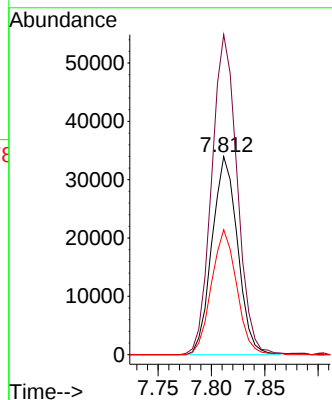
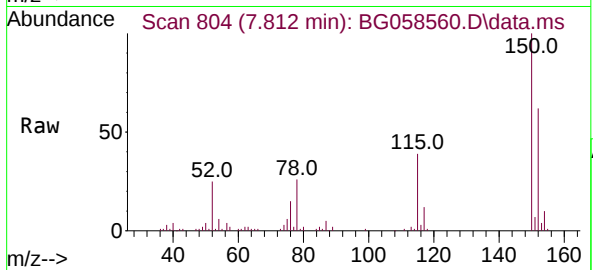




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058560.D
Acq: 1 Aug 2023 13:17

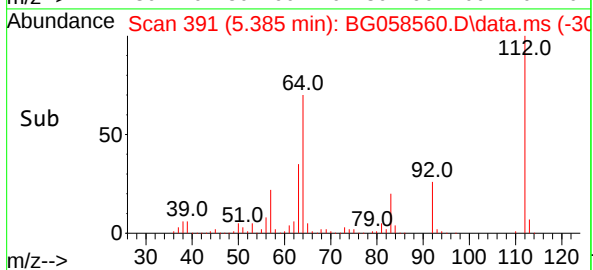
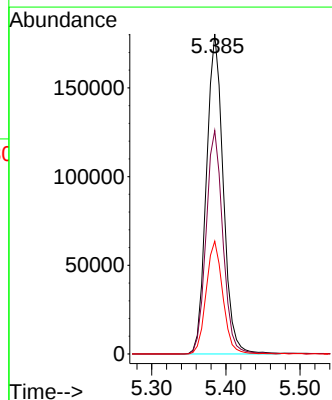
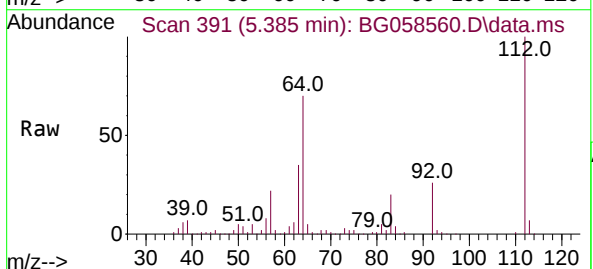
Instrument :
BNA_G
ClientSampleId :
B-P30A

Tgt Ion:152 Resp: 56683
Ion Ratio Lower Upper
152 100
150 161.6 120.5 180.7
115 63.1 45.9 68.9



#5
2-Fluorophenol
Concen: 76.622 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058560.D
Acq: 1 Aug 2023 13:17

Tgt Ion:112 Resp: 284154
Ion Ratio Lower Upper
112 100
64 69.8 55.3 82.9
63 35.3 28.3 42.5

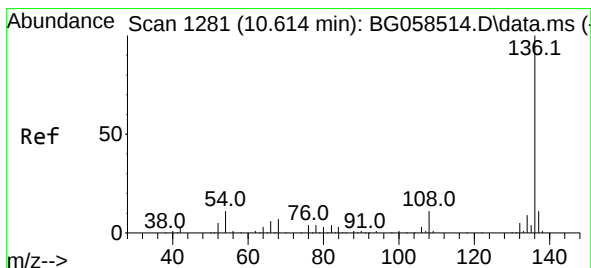
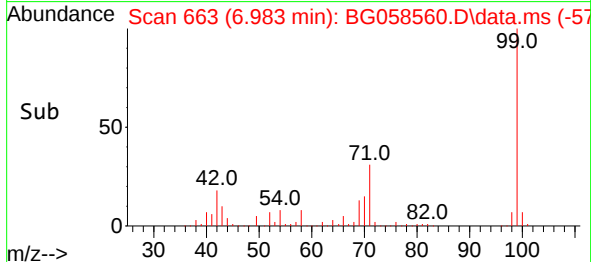
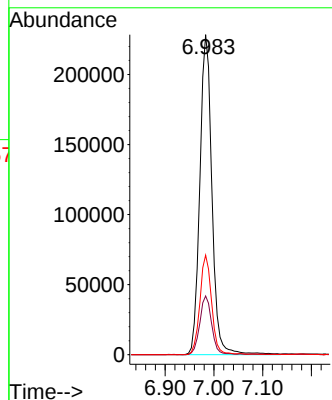
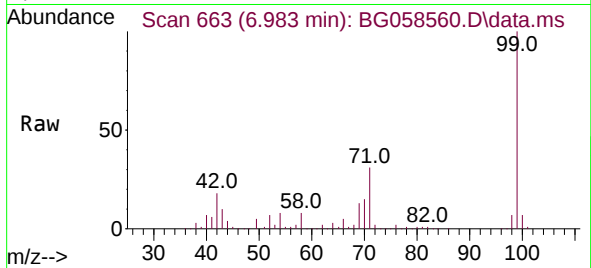




#7
Phenol-d6
Concen: 76.631 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058560.D
Acq: 1 Aug 2023 13:17

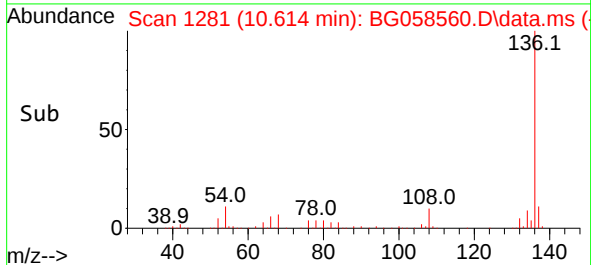
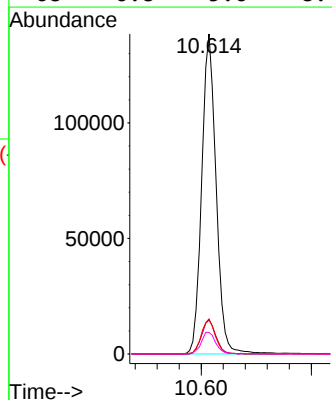
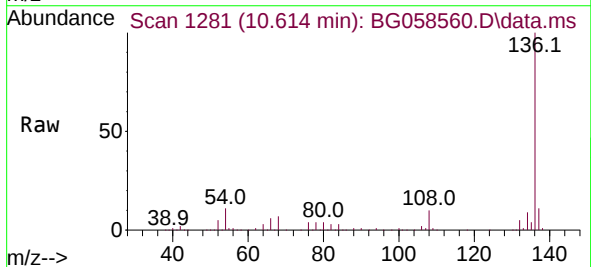
Instrument :
BNA_G
ClientSampleId :
B-P30A

Tgt Ion: 99 Resp: 395443
Ion Ratio Lower Upper
99 100
42 18.3 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: BG058560.D
Acq: 1 Aug 2023 13:17

Tgt Ion: 136 Resp: 251323
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.9 8.9 13.3
68 6.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 46.440 ng

RT: 8.975 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG058560.D

Acq: 1 Aug 2023 13:17

Instrument :

BNA_G

ClientSampleId :

B-P30A

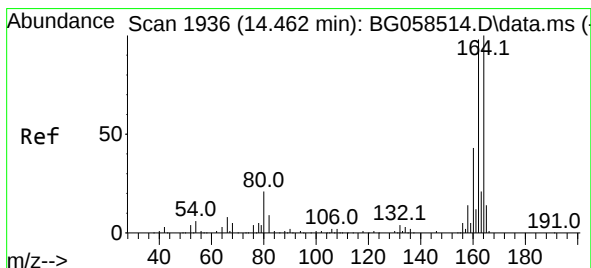
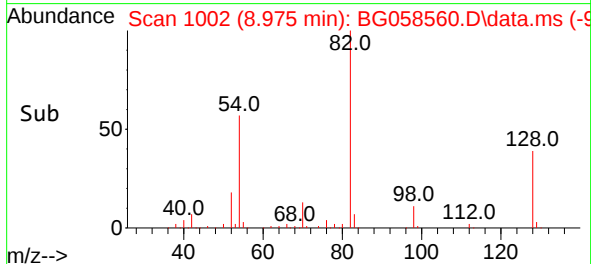
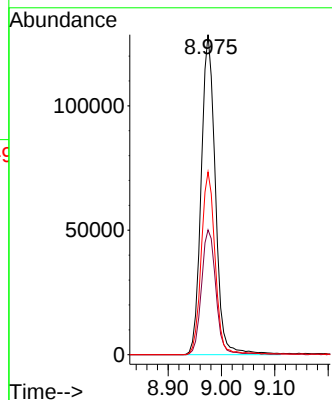
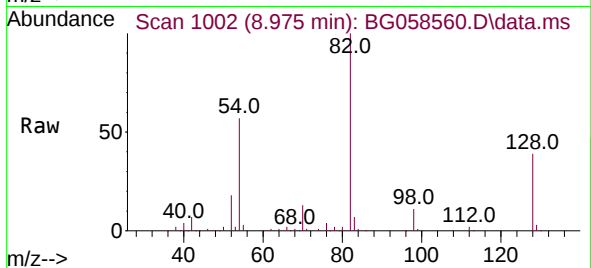
Tgt Ion: 82 Resp: 237587

Ion Ratio Lower Upper

82 100

128 39.0 32.2 48.2

54 57.1 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058560.D

Acq: 1 Aug 2023 13:17

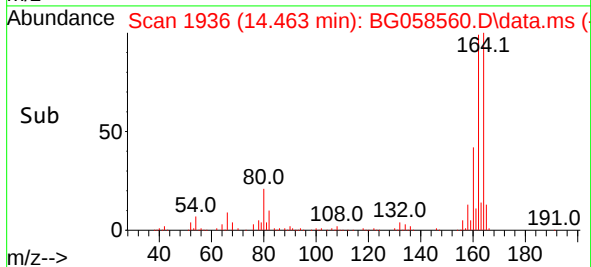
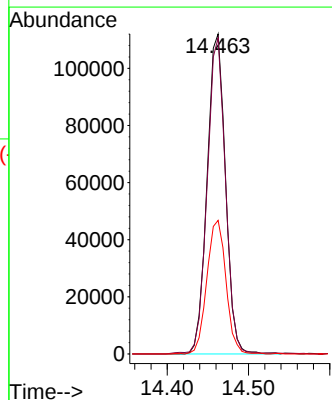
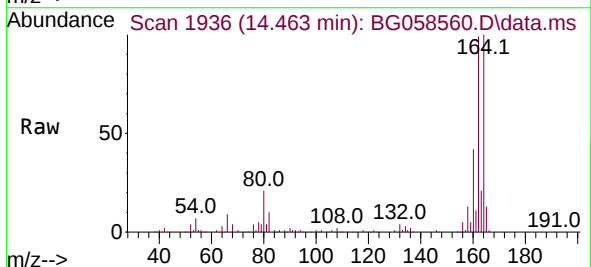
Tgt Ion:164 Resp: 175526

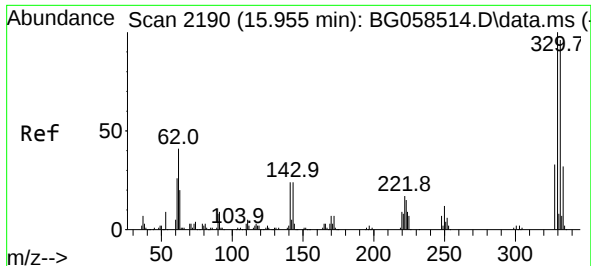
Ion Ratio Lower Upper

164 100

162 98.8 78.3 117.5

160 41.7 34.1 51.1

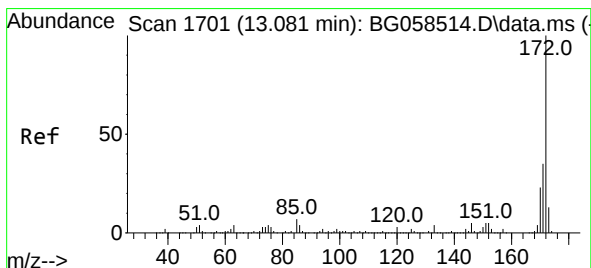
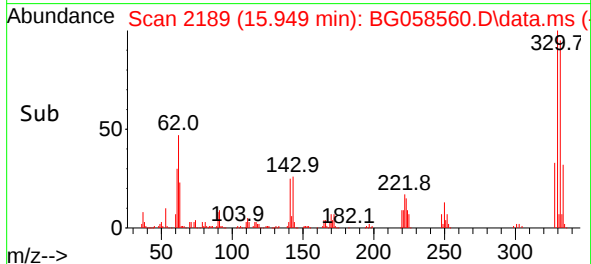
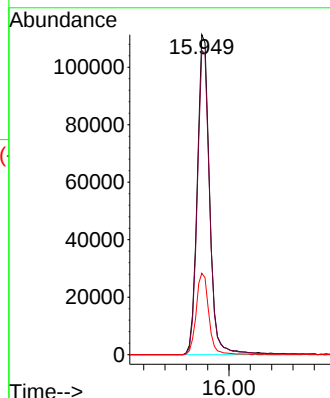
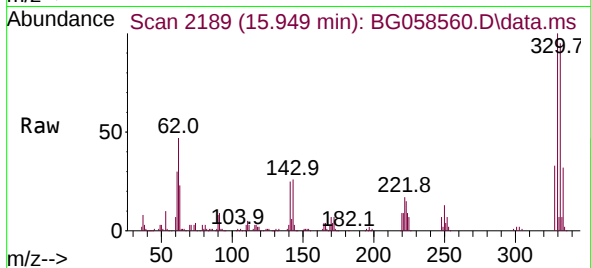




#42
2,4,6-Tribromophenol
Concen: 62.298 ng
RT: 15.949 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG058560.D
Acq: 1 Aug 2023 13:17

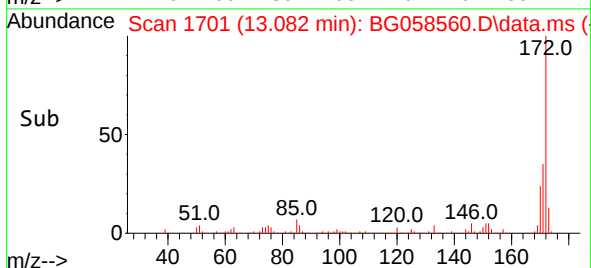
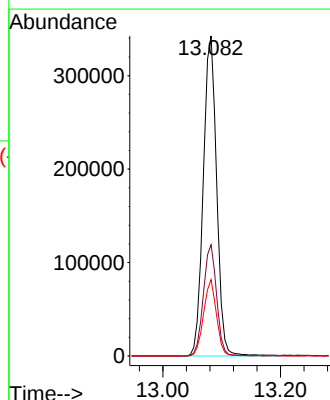
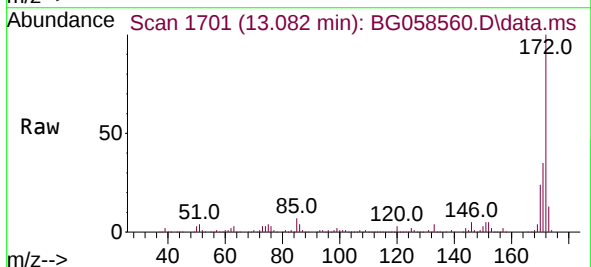
Instrument :
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B-P30A

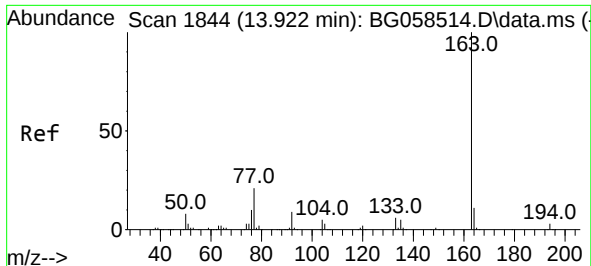
Tgt Ion:330 Resp: 179231
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 25.9 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 46.110 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058560.D
Acq: 1 Aug 2023 13:17

Tgt Ion:172 Resp: 540070
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.9 18.4 27.6

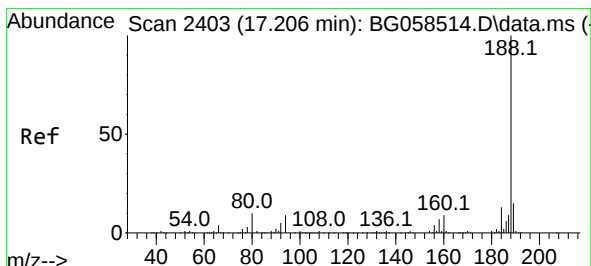
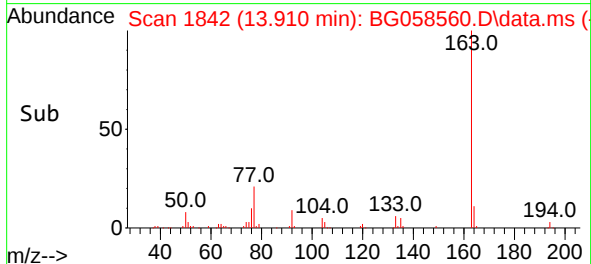
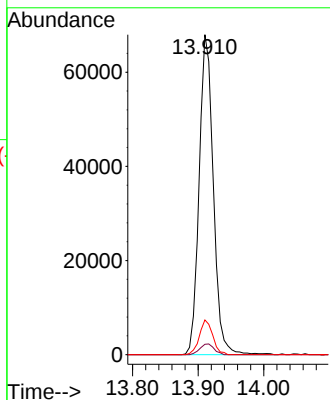
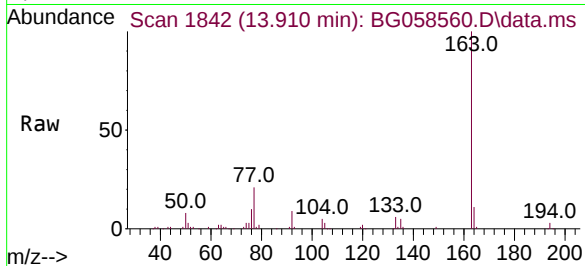




#50
Dimethylphthalate
Concen: 7.770 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BG058560.D
Acq: 1 Aug 2023 13:17

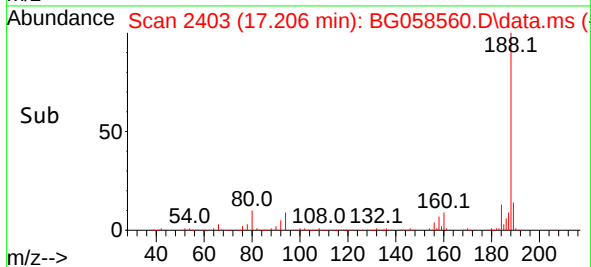
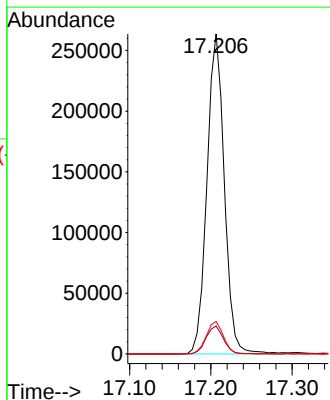
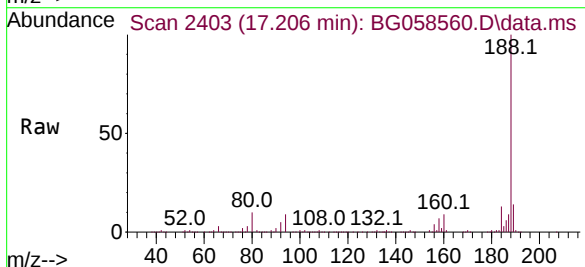
Instrument :
BNA_G
ClientSampleId :
B-P30A

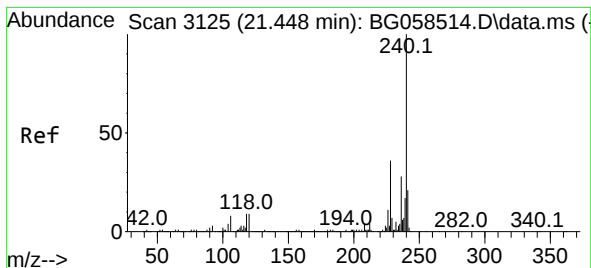
Tgt Ion:163 Resp: 102425
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.9 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058560.D
Acq: 1 Aug 2023 13:17

Tgt Ion:188 Resp: 390558
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.2 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.448 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG058560.D

Acq: 1 Aug 2023 13:17

Instrument :

BNA_G

ClientSampleId :

B-P30A

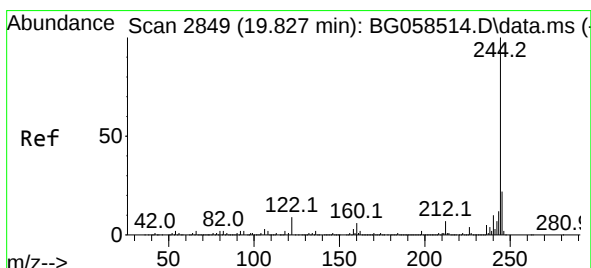
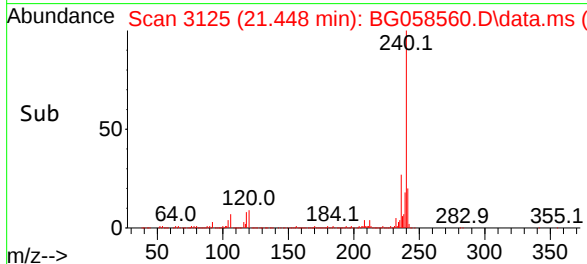
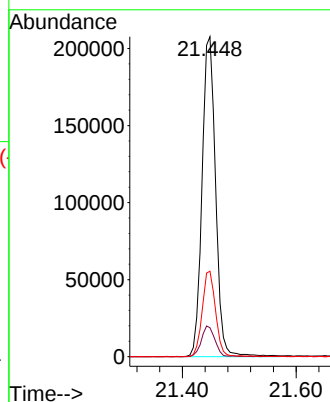
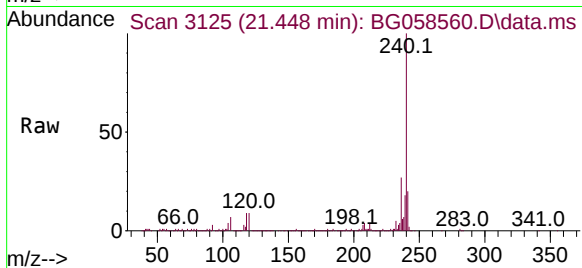
Tgt Ion:240 Resp: 343388

Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 26.7 22.2 33.4



#79

Terphenyl-d14

Concen: 47.125 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BG058560.D

Acq: 1 Aug 2023 13:17

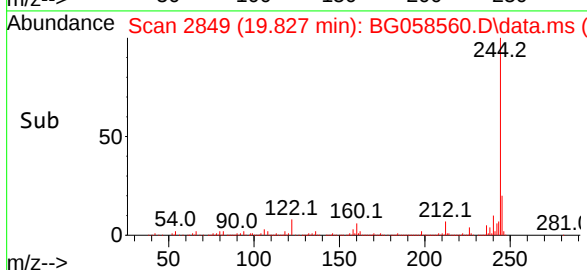
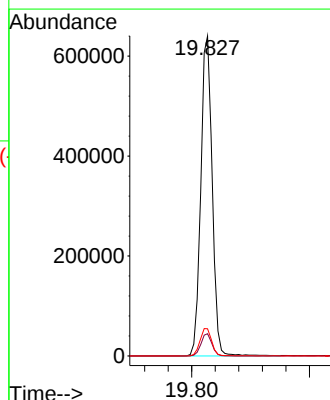
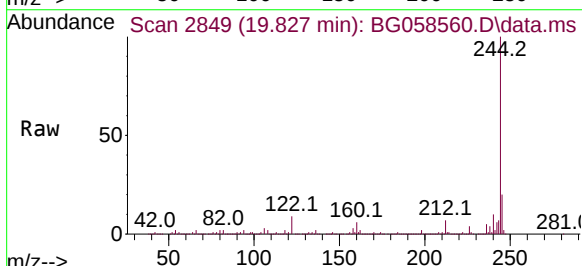
Tgt Ion:244 Resp: 860508

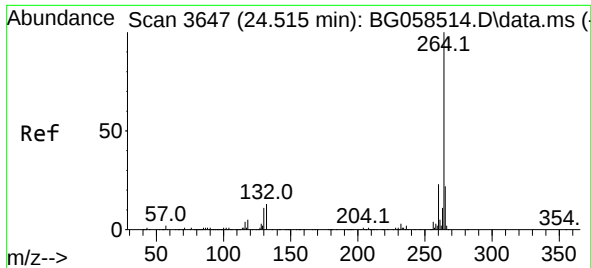
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.5 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BG058560.D
 Acq: 1 Aug 2023 13:17

Instrument :
 BNA_G
 ClientSampleId :
 B-P30A

Tgt Ion:264 Resp: 423549
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.9 17.9 26.9

