

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058544.D
 Acq On : 31 Jul 2023 15:27
 Operator : MA/JU
 Sample : 03741-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P12B

Quant Time: Jul 31 16:07:46 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)

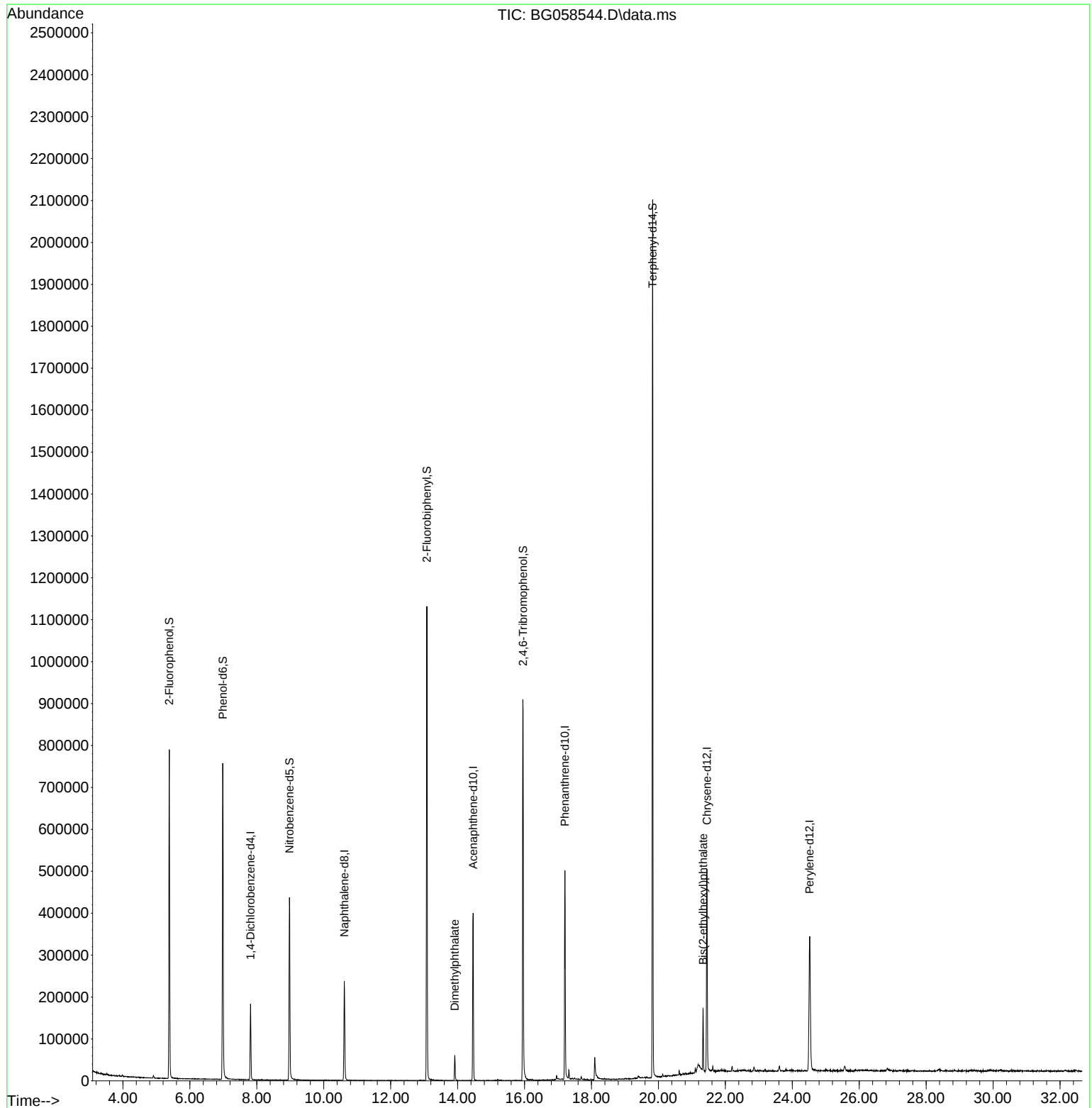
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	50097	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	211298	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	147205	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	344043	20.000	ng	0.00
76) Chrysene-d12	21.449	240	299916	20.000	ng	0.00
86) Perylene-d12	24.516	264	370463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	336199	102.574	ng	0.00
7) Phenol-d6	6.984	99	469492	102.942	ng	0.00
23) Nitrobenzene-d5	8.975	82	281658	65.483	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	217086	89.973	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	641577	65.315	ng	0.00
79) Terphenyl-d14	19.827	244	1106413	69.374	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.917	163	46719	4.226	ng	Qvalue 100
84) Bis(2-ethylhexyl)phtha...	21.337	149	59615	4.866	ng	# 95

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

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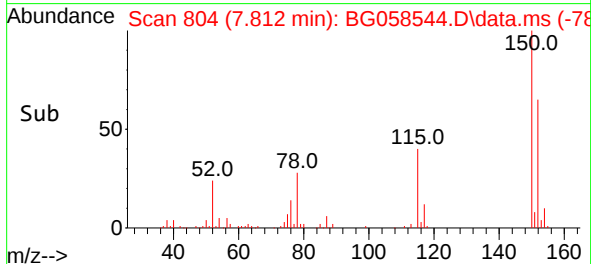
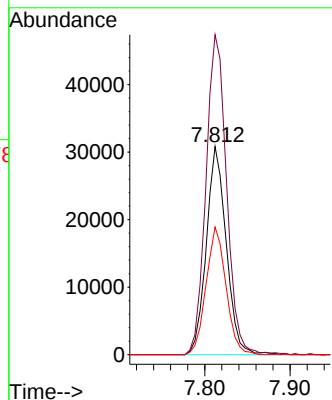
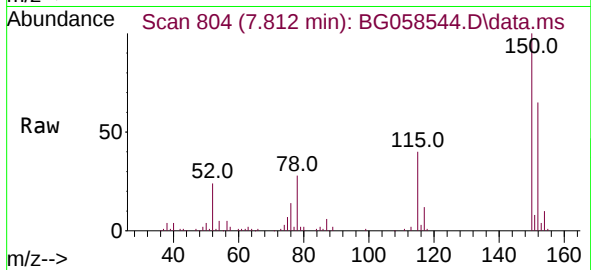




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058544.D
Acq: 31 Jul 2023 15:27

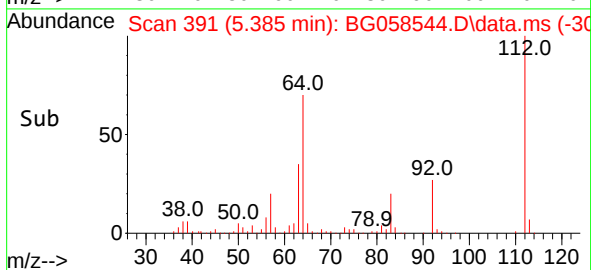
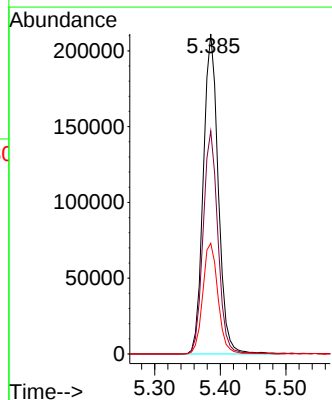
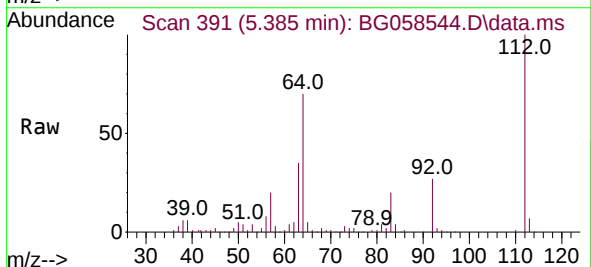
Instrument :
BNA_G
ClientSampleId :
B-P12B

Tgt Ion:152 Resp: 50097
Ion Ratio Lower Upper
152 100
150 153.8 120.5 180.7
115 61.4 45.9 68.9



#5
2-Fluorophenol
Concen: 102.574 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058544.D
Acq: 31 Jul 2023 15:27

Tgt Ion:112 Resp: 336199
Ion Ratio Lower Upper
112 100
64 69.7 55.3 82.9
63 34.6 28.3 42.5

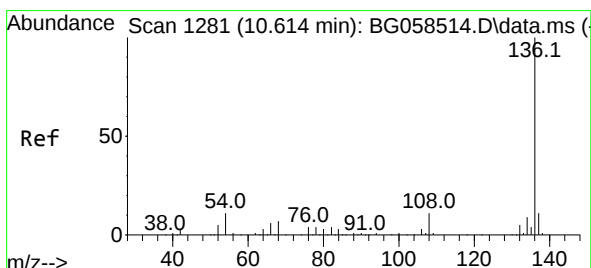
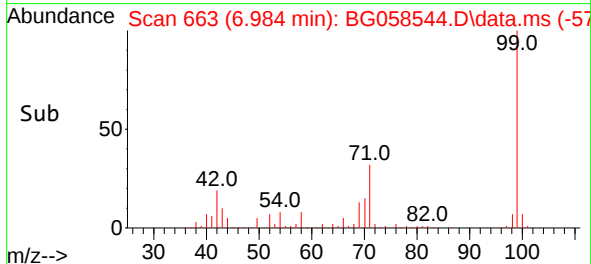
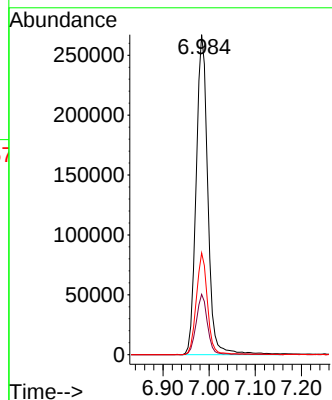
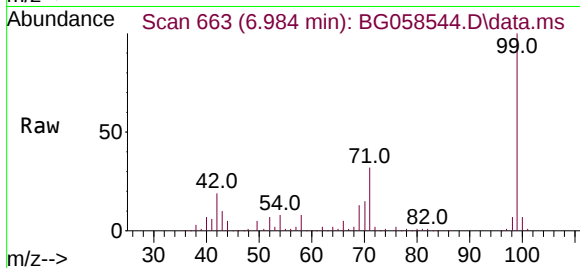




#7
Phenol-d6
Concen: 102.942 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058544.D
Acq: 31 Jul 2023 15:27

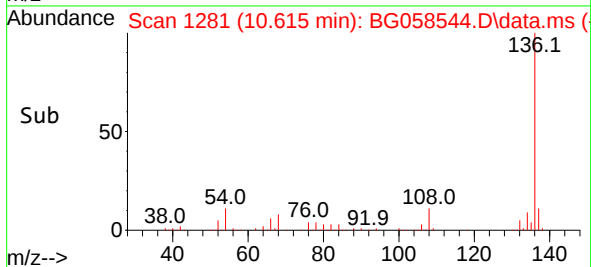
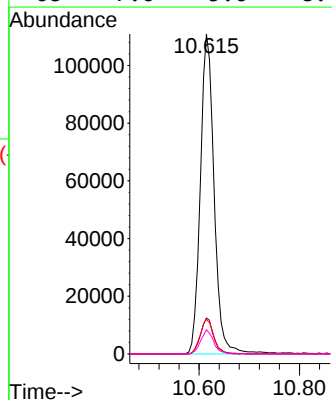
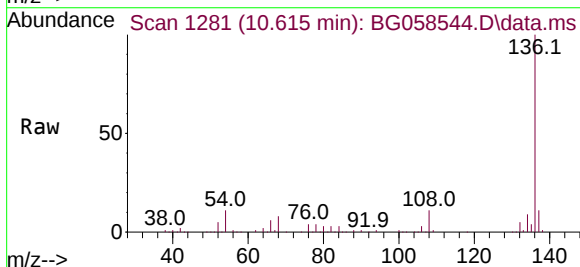
Instrument :
BNA_G
ClientSampleId :
B-P12B

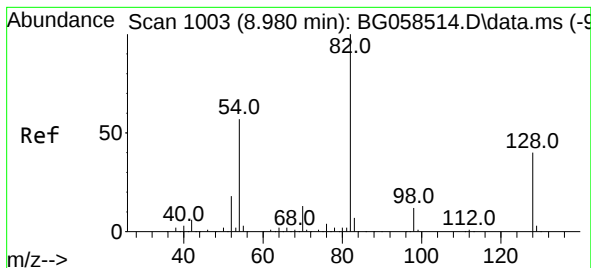
Tgt Ion: 99 Resp: 469492
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 31.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058544.D
Acq: 31 Jul 2023 15:27

Tgt Ion: 136 Resp: 211298
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.9 8.9 13.3
68 7.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 65.483 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058544.D

Acq: 31 Jul 2023 15:27

Instrument :

BNA_G

ClientSampleId :

B-P12B

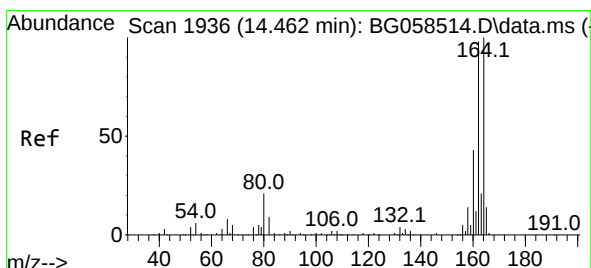
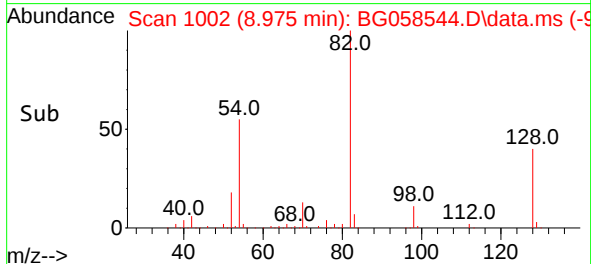
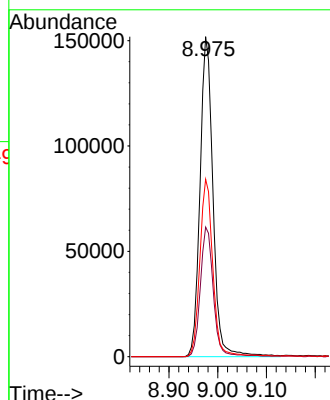
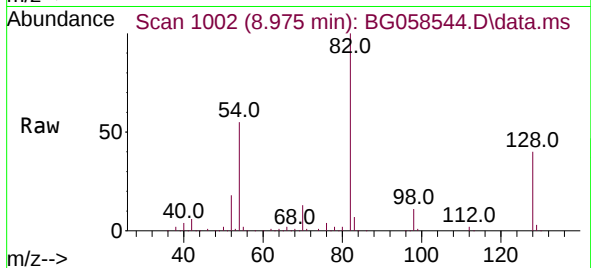
Tgt Ion: 82 Resp: 281658

Ion Ratio Lower Upper

82 100

128 40.5 32.2 48.2

54 55.5 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.001 min

Lab File: BG058544.D

Acq: 31 Jul 2023 15:27

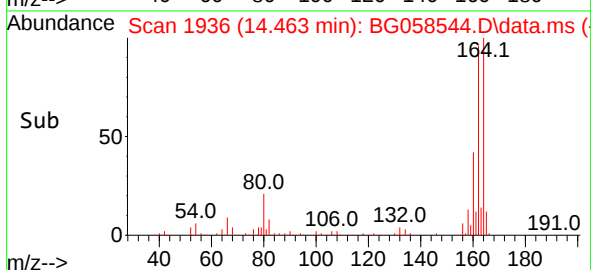
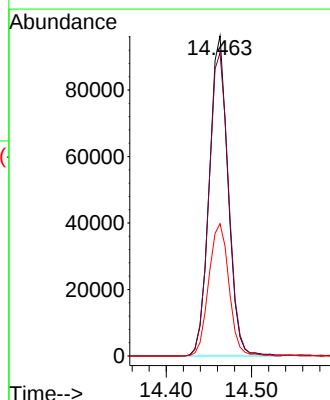
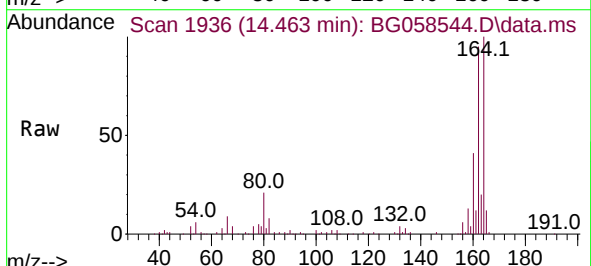
Tgt Ion:164 Resp: 147205

Ion Ratio Lower Upper

164 100

162 94.8 78.3 117.5

160 41.3 34.1 51.1

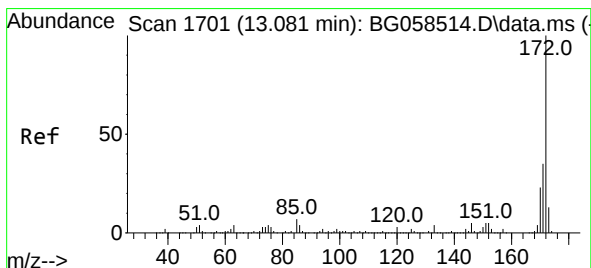
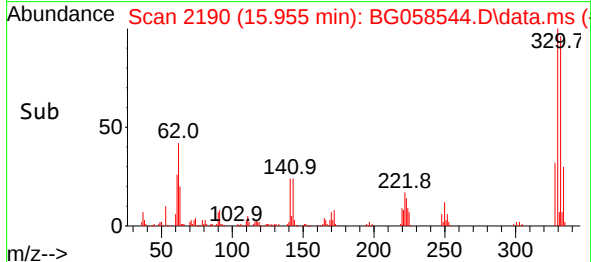
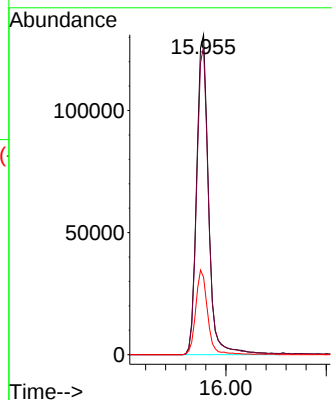
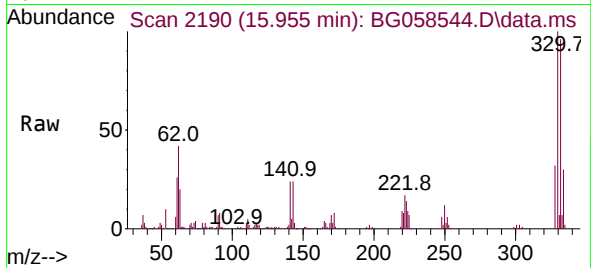




#42
2,4,6-Tribromophenol
Concen: 89.973 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058544.D
Acq: 31 Jul 2023 15:27

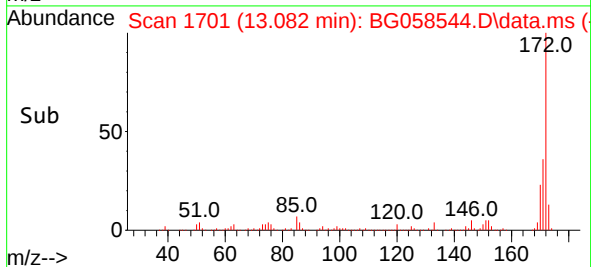
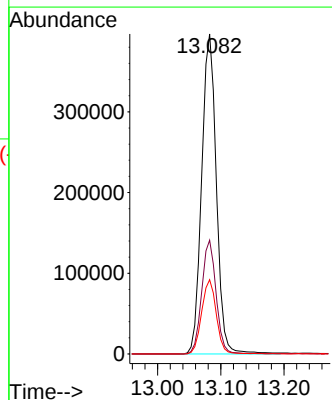
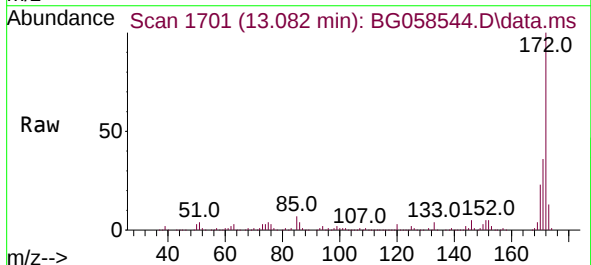
Instrument :
BNA_G
ClientSampleId :
B-P12B

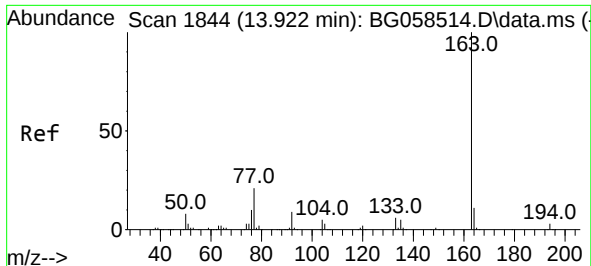
Tgt Ion:330 Resp: 217086
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 26.2 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 65.315 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058544.D
Acq: 31 Jul 2023 15:27

Tgt Ion:172 Resp: 641577
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.2 18.4 27.6

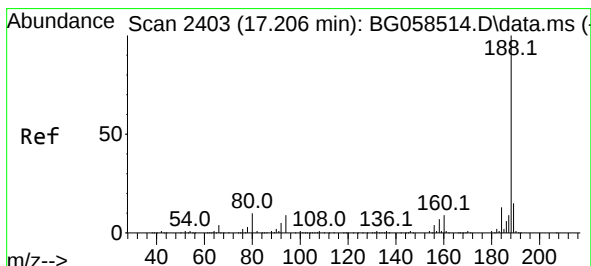
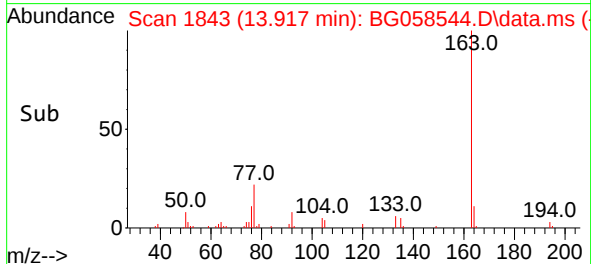
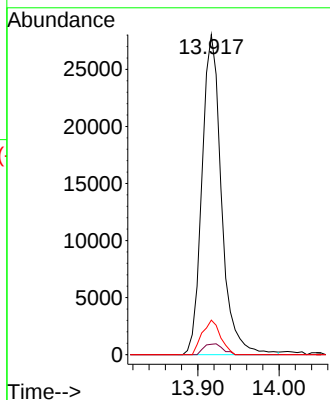
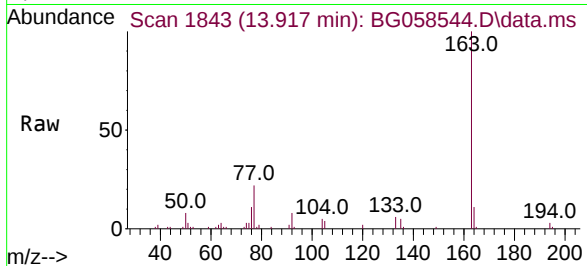




#50
Dimethylphthalate
Concen: 4.226 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG058544.D
Acq: 31 Jul 2023 15:27

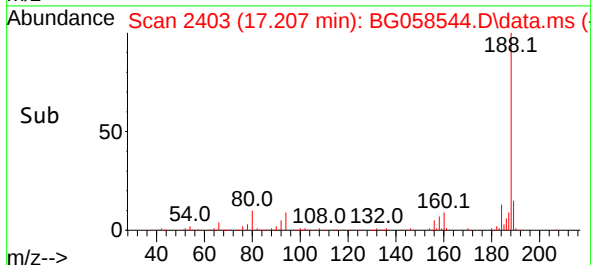
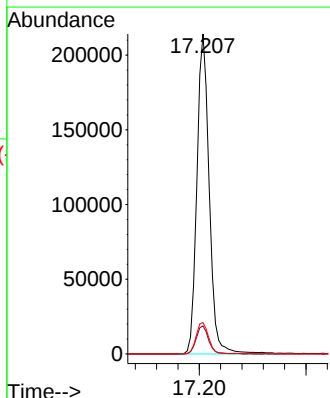
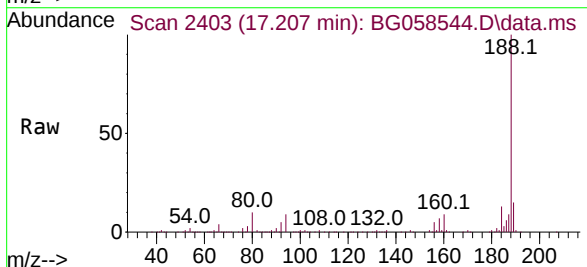
Instrument :
BNA_G
ClientSampleId :
B-P12B

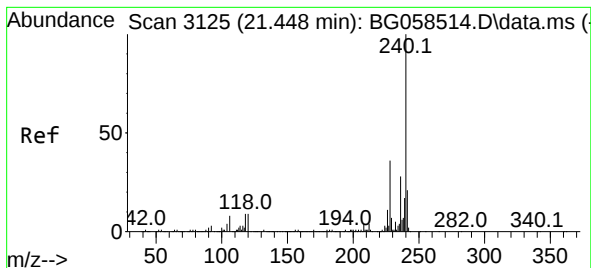
Tgt Ion:163 Resp: 46719
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.8 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058544.D
Acq: 31 Jul 2023 15:27

Tgt Ion:188 Resp: 344043
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.8 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG058544.D

Acq: 31 Jul 2023 15:27

Instrument :

BNA_G

ClientSampleId :

B-P12B

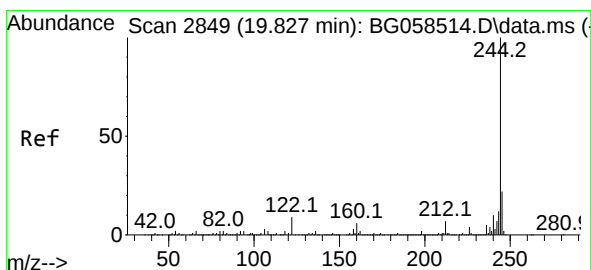
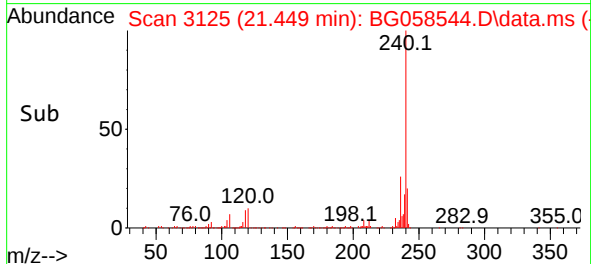
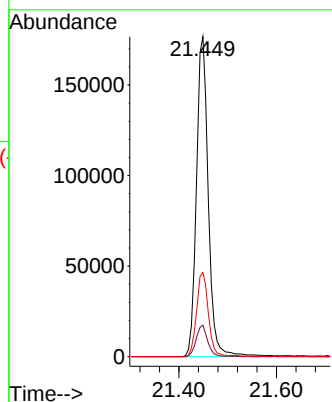
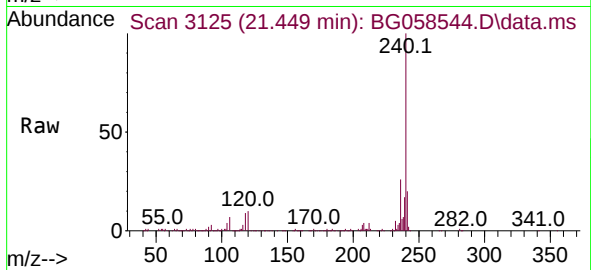
Tgt Ion:240 Resp: 299916

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

236 26.3 22.2 33.4



#79

Terphenyl-d14

Concen: 69.374 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG058544.D

Acq: 31 Jul 2023 15:27

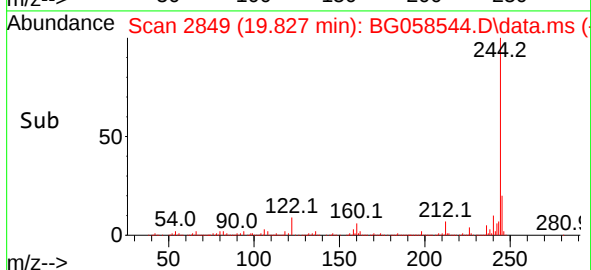
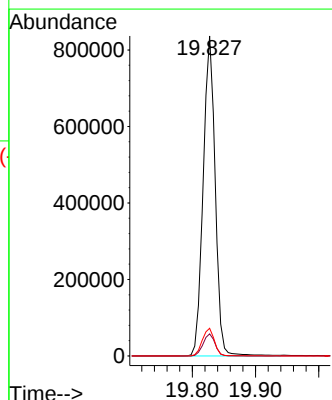
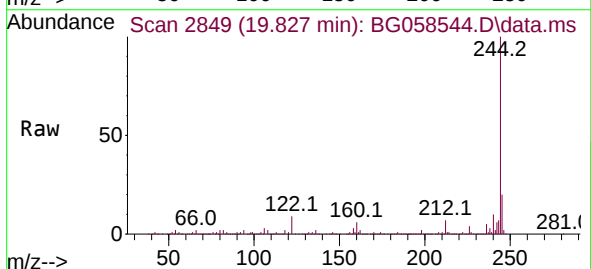
Tgt Ion:244 Resp: 1106413

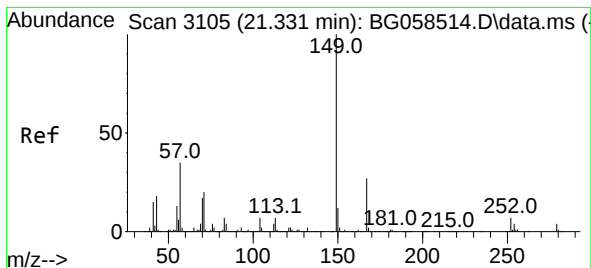
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.7 6.8 10.2

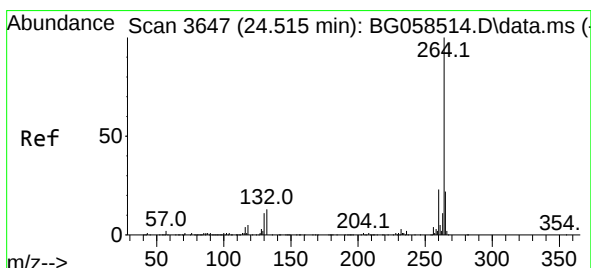
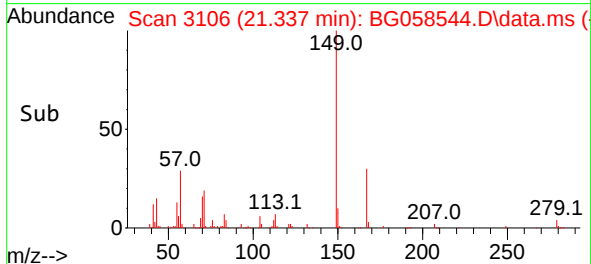
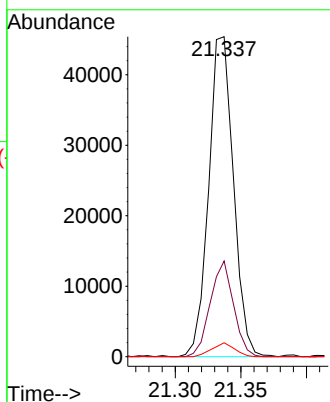
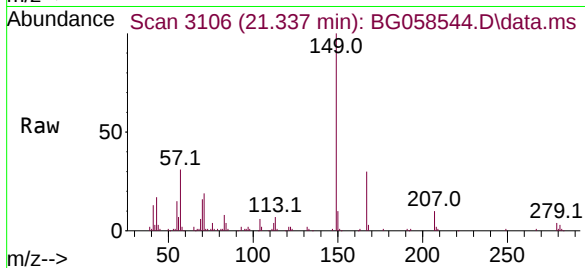




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.866 ng
 RT: 21.337 min Scan# 3105
 Delta R.T. 0.007 min
 Lab File: BG058544.D
 Acq: 31 Jul 2023 15:27

Instrument :
 BNA_G
 ClientSampleId :
 B-P12B

Tgt Ion:149 Resp: 59615
 Ion Ratio Lower Upper
 149 100
 167 29.9 21.8 32.8
 279 4.3 2.9 4.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058544.D
 Acq: 31 Jul 2023 15:27

Tgt Ion:264 Resp: 370463
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 21.1 17.9 26.9

