

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058562.D
 Acq On : 1 Aug 2023 14:39
 Operator : MA/JU
 Sample : 03769-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P4A

Quant Time: Aug 01 15:45:54 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)

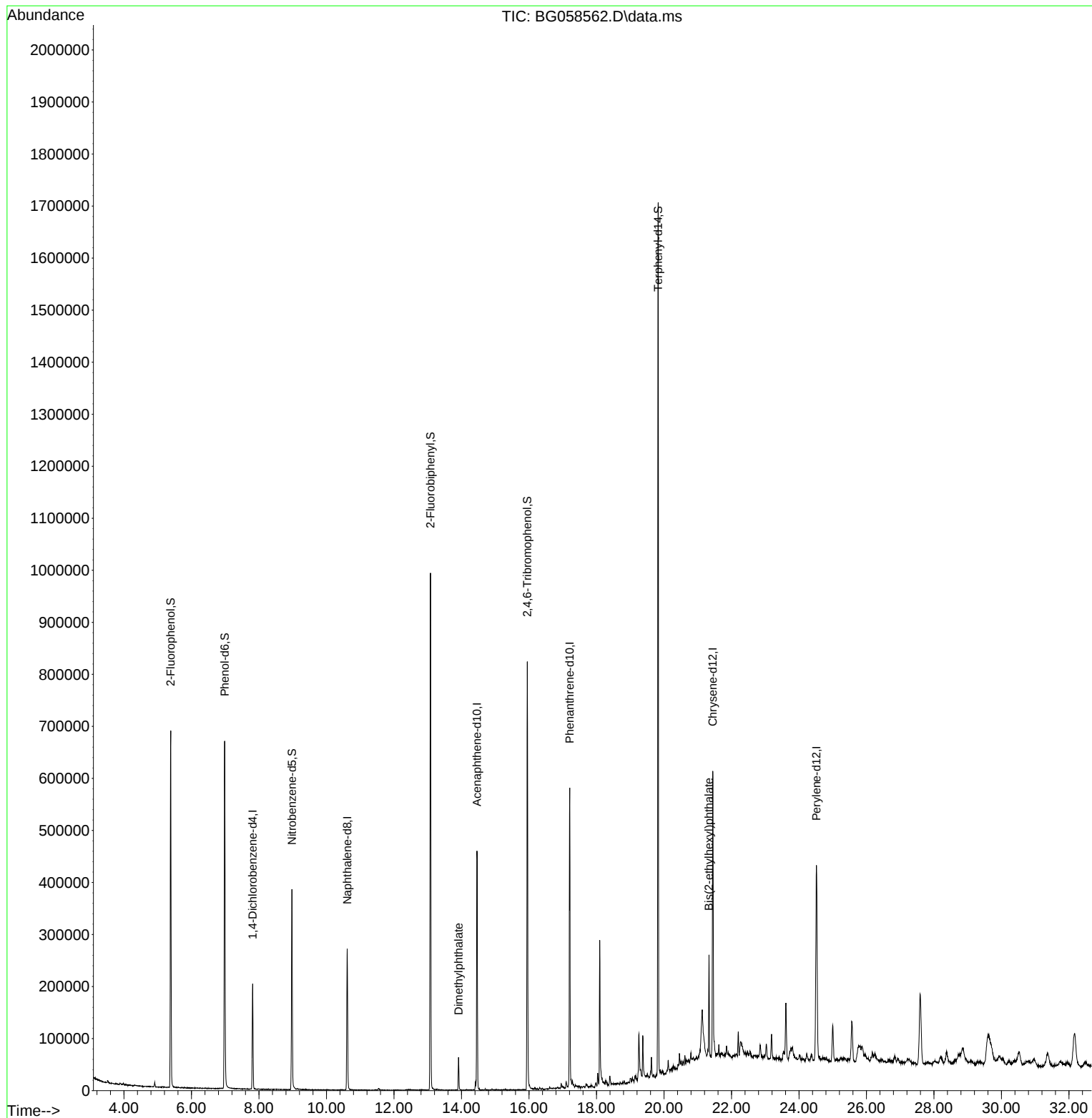
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	56971	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	240102	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	165925	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	366055	20.000	ng	0.00
76) Chrysene-d12	21.444	240	316588	20.000	ng	0.00
86) Perylene-d12	24.517	264	396272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	293653	78.783	ng	0.00
7) Phenol-d6	6.984	99	407390	78.547	ng	0.00
23) Nitrobenzene-d5	8.976	82	242354	49.586	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	186021	68.399	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	574592	51.896	ng	0.00
79) Terphenyl-d14	19.828	244	912206	54.185	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.917	163	44960	3.608	ng	97
84) Bis(2-ethylhexyl)phtha...	21.332	149	76905	5.946	ng	100

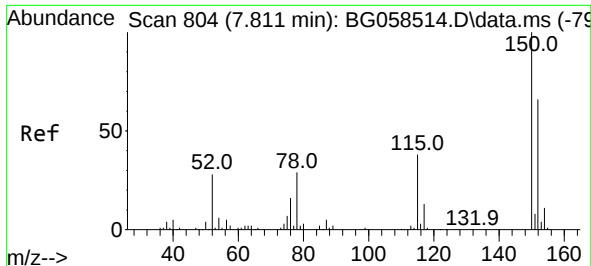
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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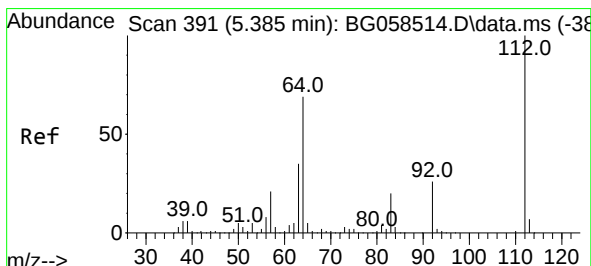
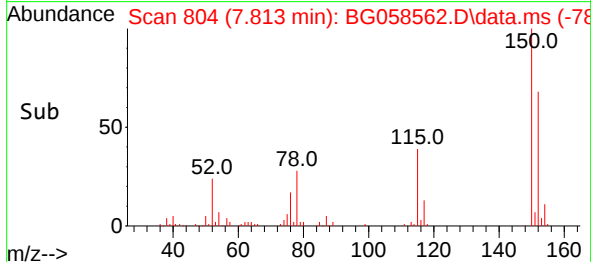
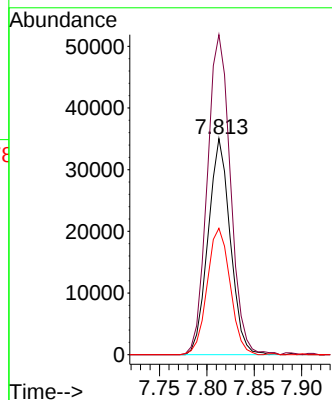
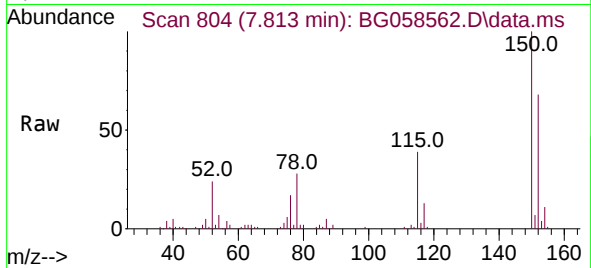




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058562.D
Acq: 1 Aug 2023 14:39

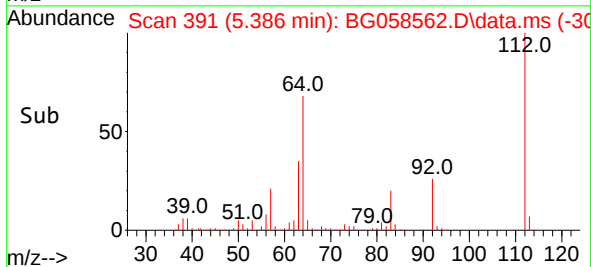
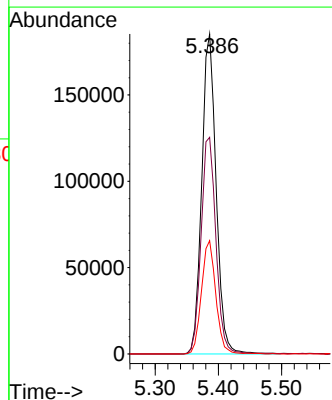
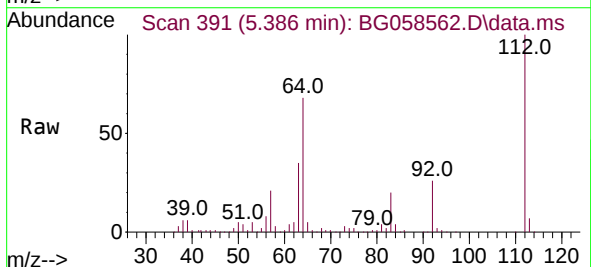
Instrument :
BNA_G
ClientSampleId :
B-P4A

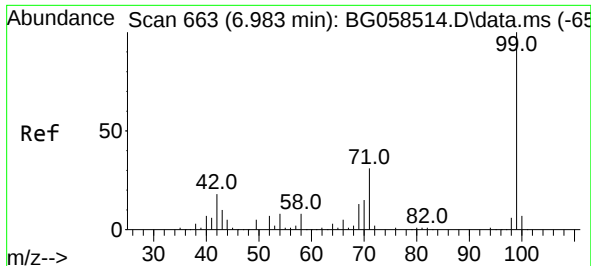
Tgt Ion:152 Resp: 56971
Ion Ratio Lower Upper
152 100
150 148.0 120.5 180.7
115 58.5 45.9 68.9



#5
2-Fluorophenol
Concen: 78.783 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058562.D
Acq: 1 Aug 2023 14:39

Tgt Ion:112 Resp: 293653
Ion Ratio Lower Upper
112 100
64 67.7 55.3 82.9
63 35.4 28.3 42.5

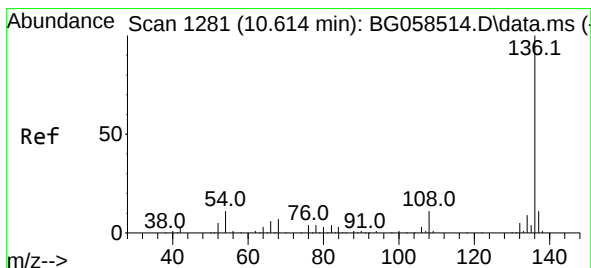
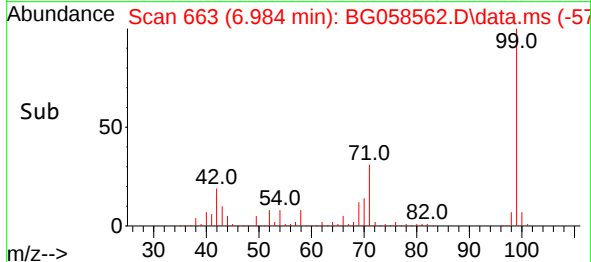
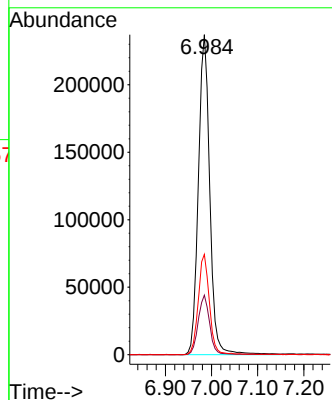
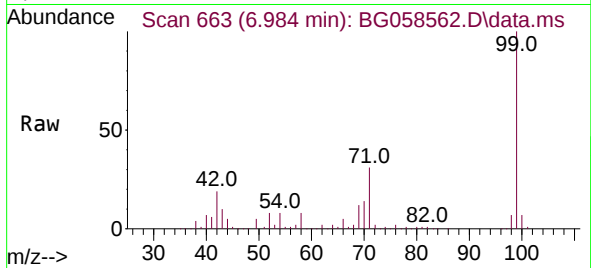




#7
Phenol-d6
Concen: 78.547 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058562.D
Acq: 1 Aug 2023 14:39

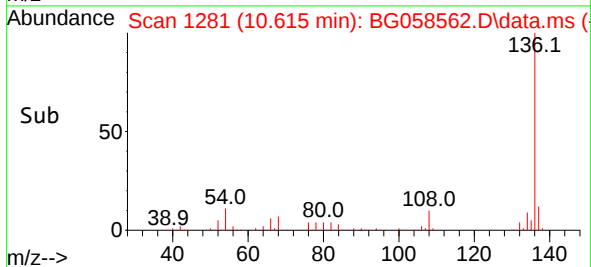
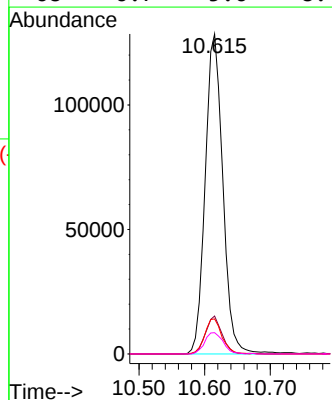
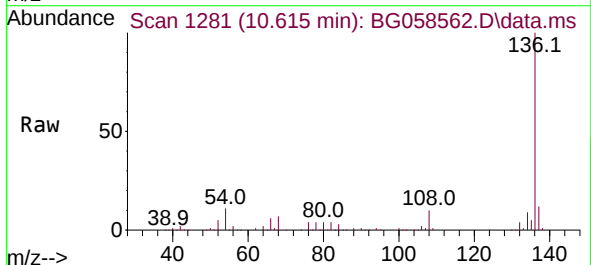
Instrument :
BNA_G
ClientSampleId :
B-P4A

Tgt Ion: 99 Resp: 407390
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 31.4 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: BG058562.D
Acq: 1 Aug 2023 14:39

Tgt Ion: 136 Resp: 240102
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 10.9 8.9 13.3
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 49.586 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058562.D

Acq: 1 Aug 2023 14:39

Instrument :

BNA_G

ClientSampleId :

B-P4A

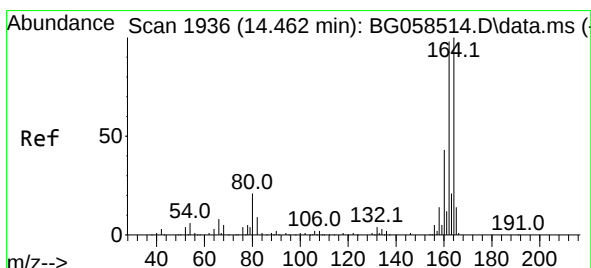
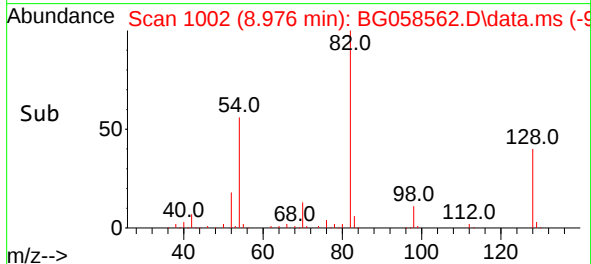
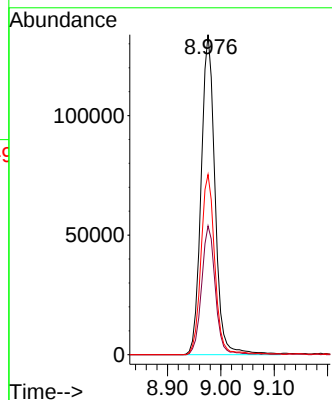
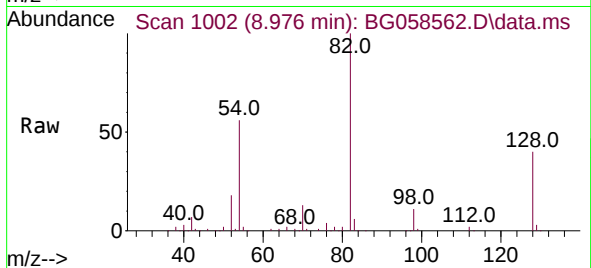
Tgt Ion: 82 Resp: 242354

Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.2

54 56.3 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.004 min

Lab File: BG058562.D

Acq: 1 Aug 2023 14:39

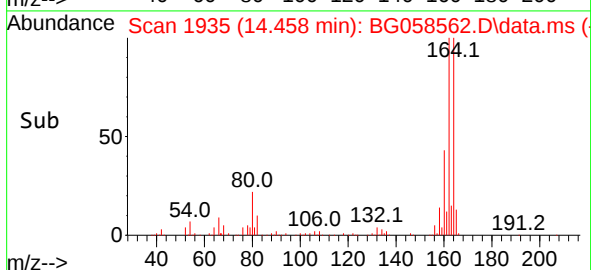
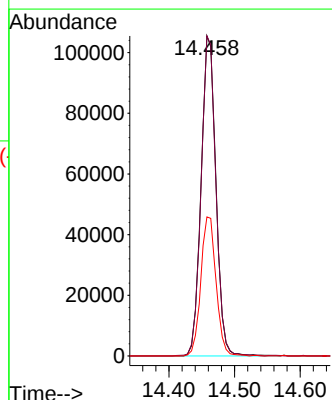
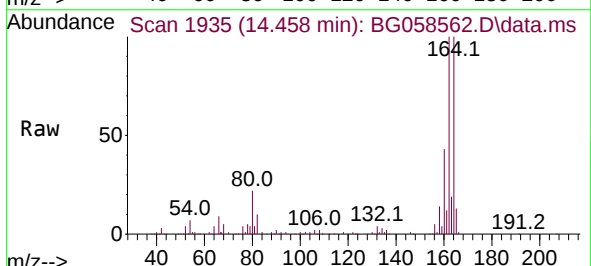
Tgt Ion:164 Resp: 165925

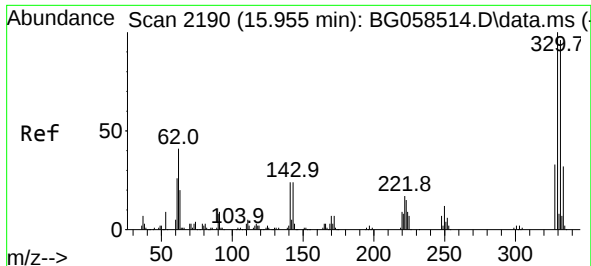
Ion Ratio Lower Upper

164 100

162 100.0 78.3 117.5

160 43.5 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 68.399 ng

RT: 15.950 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058562.D

Acq: 1 Aug 2023 14:39

Instrument :

BNA_G

ClientSampleId :

B-P4A

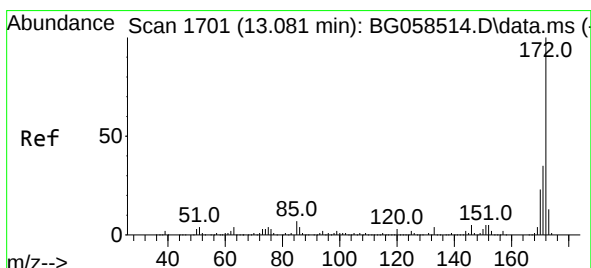
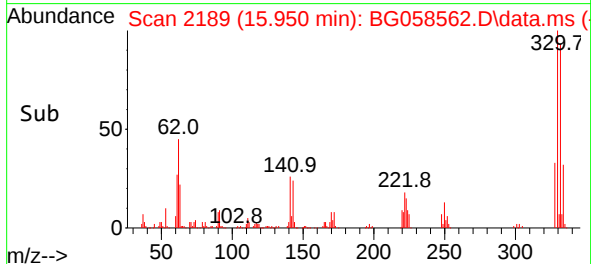
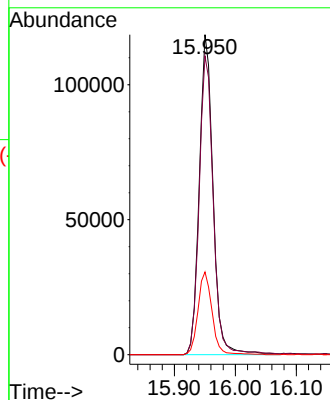
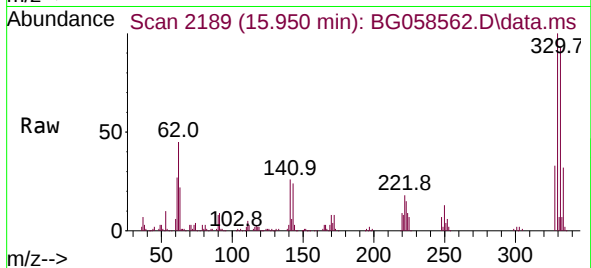
Tgt Ion:330 Resp: 186021

Ion Ratio Lower Upper

330 100

332 95.6 77.5 116.3

141 26.3 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 51.896 ng

RT: 13.083 min Scan# 1701

Delta R.T. 0.001 min

Lab File: BG058562.D

Acq: 1 Aug 2023 14:39

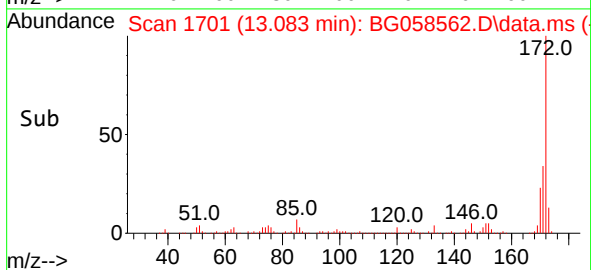
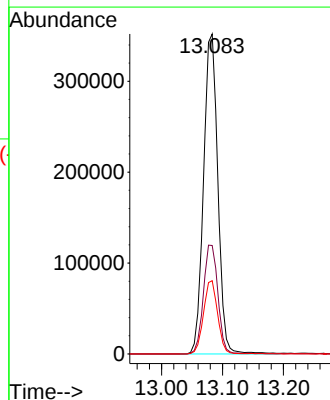
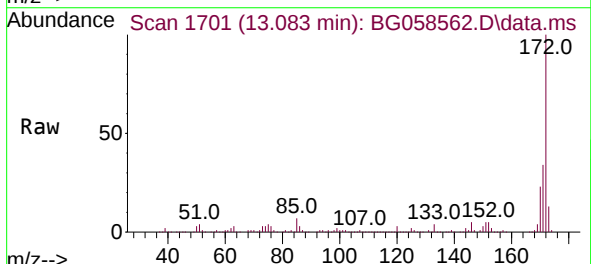
Tgt Ion:172 Resp: 574592

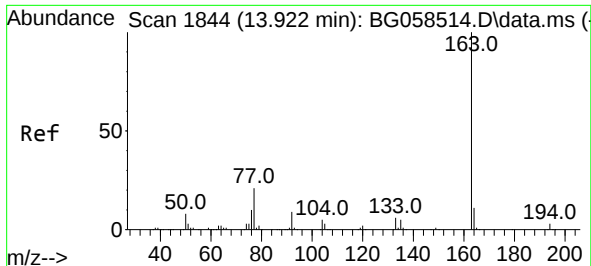
Ion Ratio Lower Upper

172 100

171 33.9 28.0 42.0

170 22.9 18.4 27.6

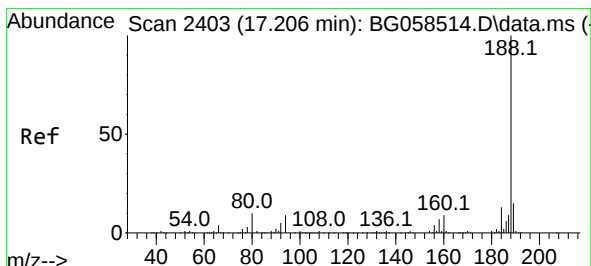
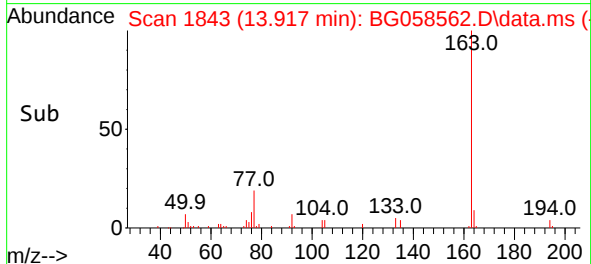
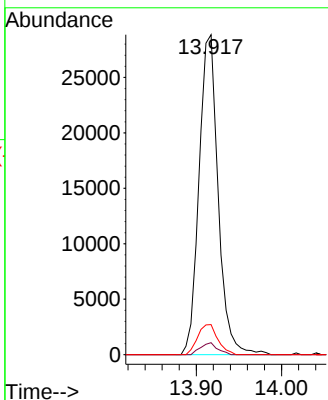
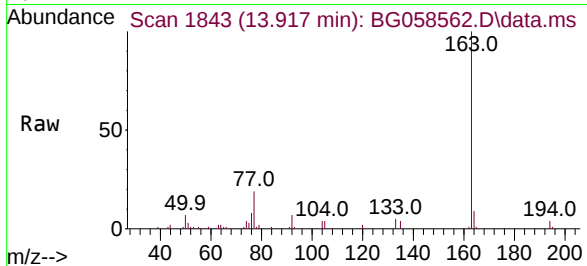




#50
Dimethylphthalate
Concen: 3.608 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG058562.D
Acq: 1 Aug 2023 14:39

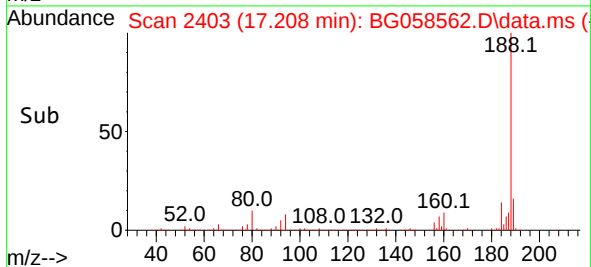
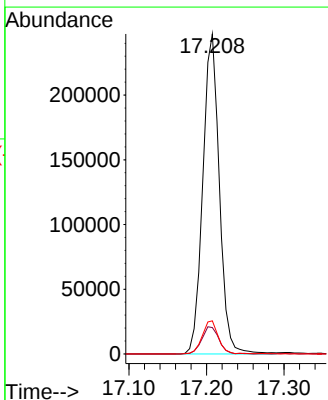
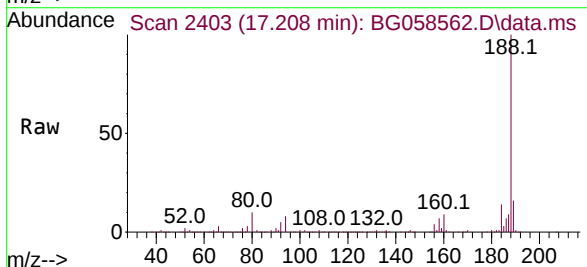
Instrument :
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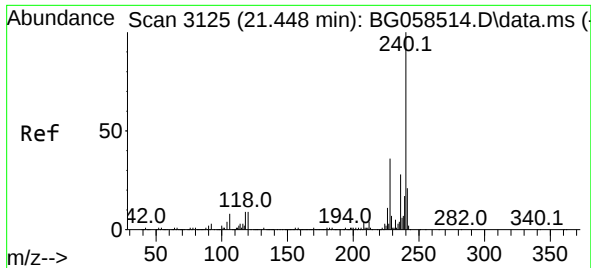
Tgt Ion:163 Resp: 44960
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.4 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058562.D
Acq: 1 Aug 2023 14:39

Tgt Ion:188 Resp: 366055
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 10.4 8.1 12.1

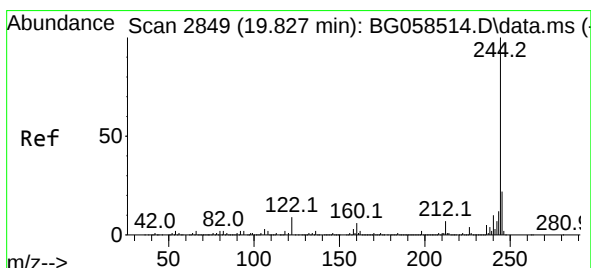
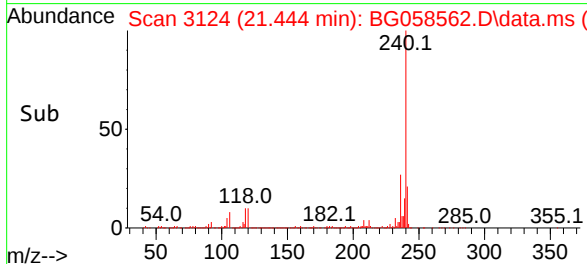
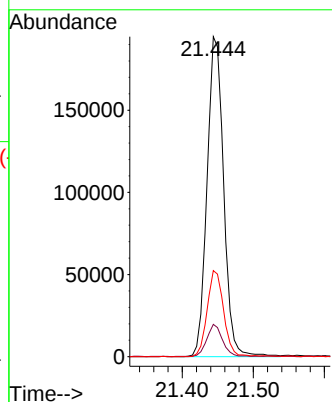
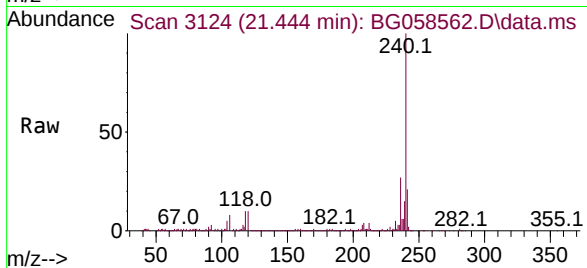




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG058562.D
Acq: 1 Aug 2023 14:39

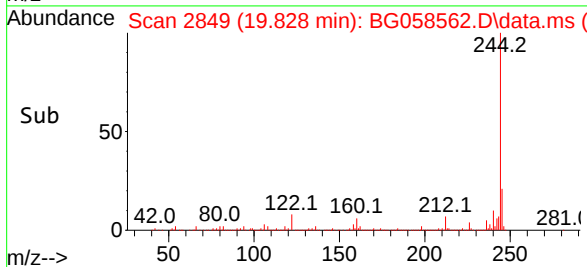
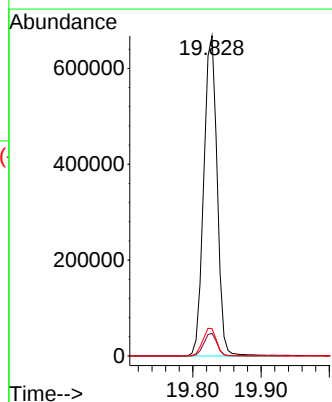
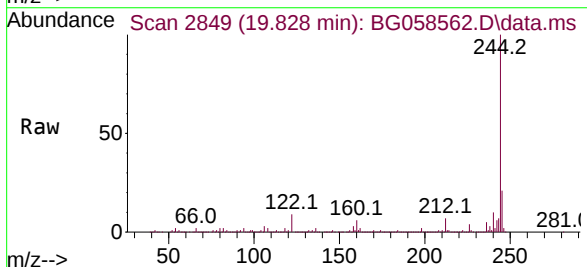
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BNA_G
ClientSampleId :
B-P4A

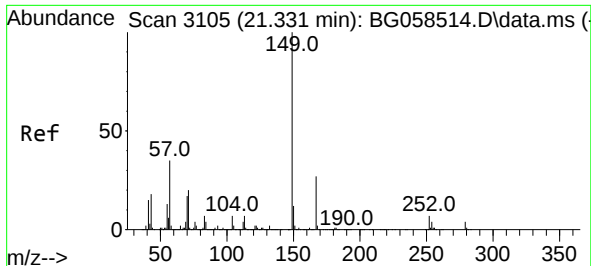
Tgt Ion:240 Resp: 316588
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 26.9 22.2 33.4



#79
Terphenyl-d14
Concen: 54.185 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058562.D
Acq: 1 Aug 2023 14:39

Tgt Ion:244 Resp: 912206
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.5 6.8 10.2

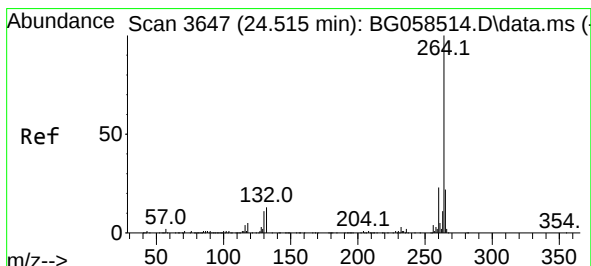
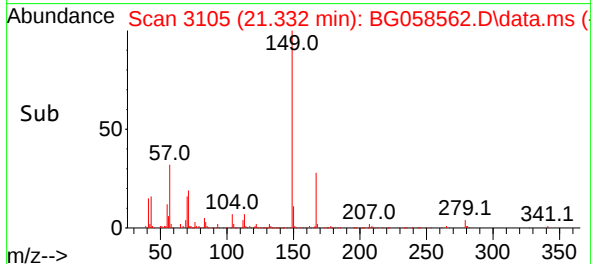
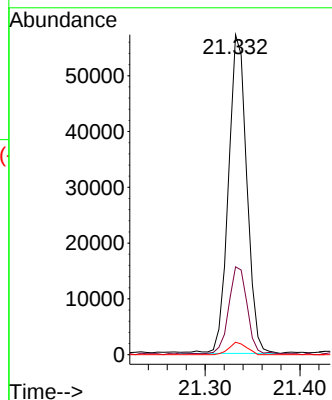
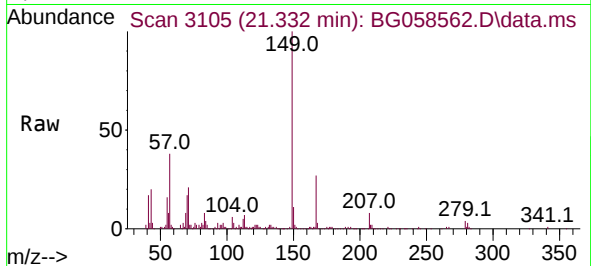




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.946 ng
 RT: 21.332 min Scan# 3105
 Delta R.T. 0.001 min
 Lab File: BG058562.D
 Acq: 1 Aug 2023 14:39

Instrument :
 BNA_G
 ClientSampleId :
 B-P4A

Tgt Ion:149 Resp: 76905
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 3.9 2.9 4.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.517 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058562.D
 Acq: 1 Aug 2023 14:39

Tgt Ion:264 Resp: 396272
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 22.4 17.9 26.9

