

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057520.D
 Acq On : 23 May 2023 15:16
 Operator : CG/JU
 Sample : 02892-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-33

Quant Time: May 23 16:39:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	21604	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	81776	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	58318	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	149963	20.000	ng	0.00
76) Chrysene-d12	22.012	240	147684	20.000	ng	0.00
86) Perylene-d12	25.514	264	159456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	116633	92.350	ng	0.00
7) Phenol-d6	7.497	99	169380	88.319	ng	0.00
23) Nitrobenzene-d5	9.535	82	102422	52.567	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	85869	103.773	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	240495	55.540	ng	0.00
79) Terphenyl-d14	20.274	244	505119	55.816	ng	0.00

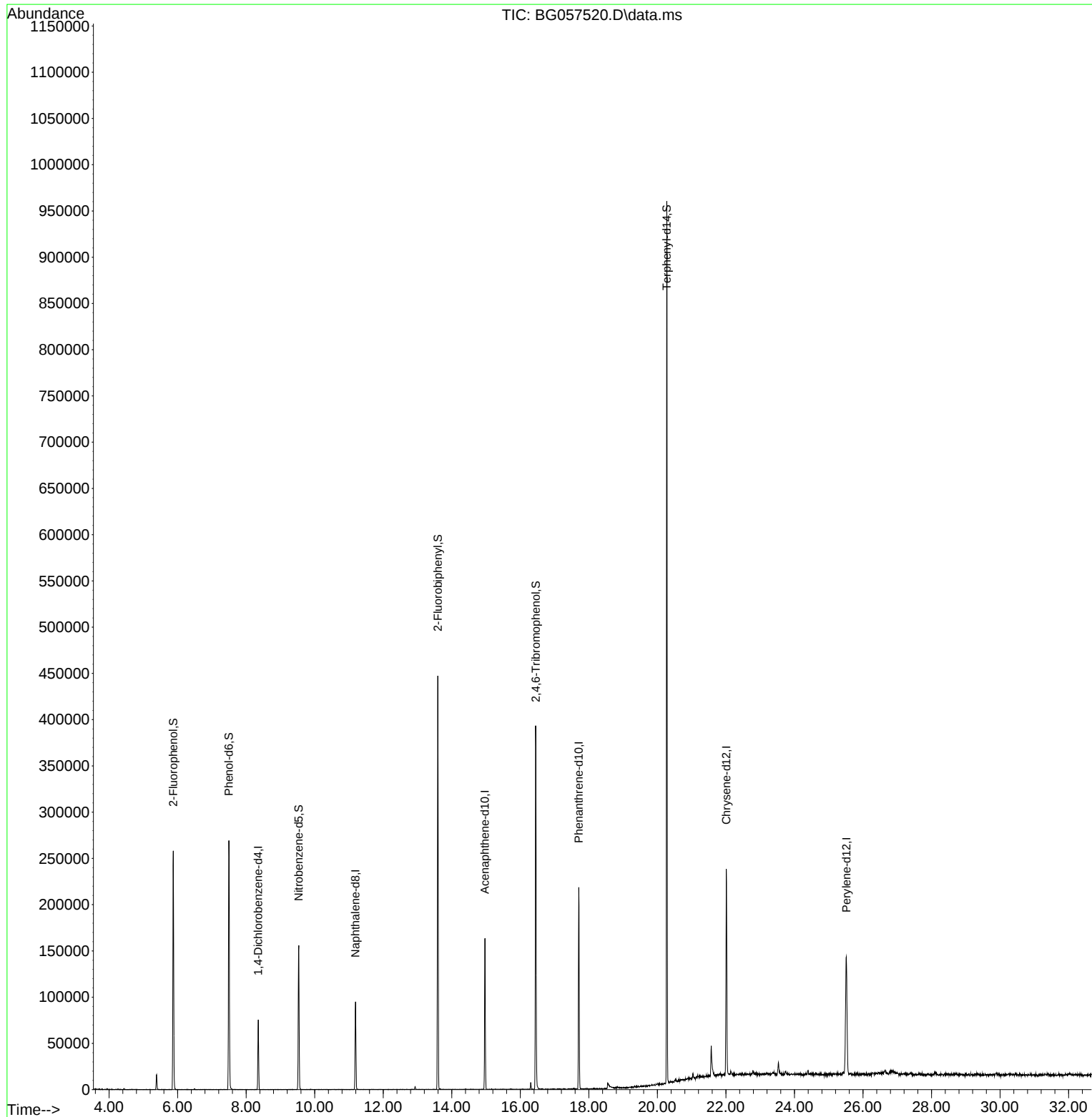
Target Compounds	Qvalue

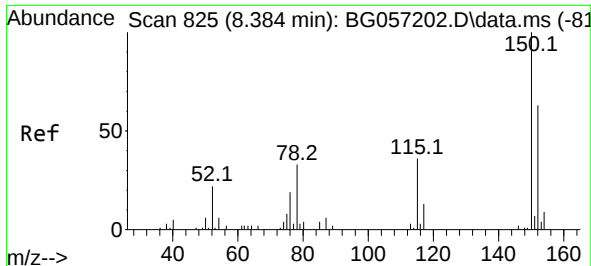
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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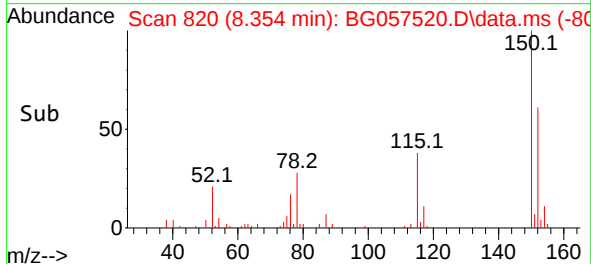
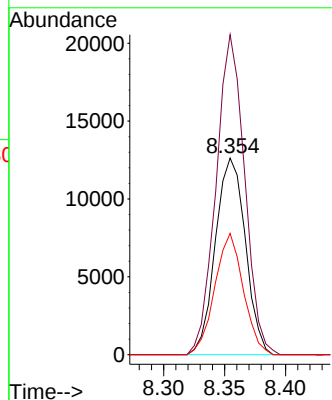
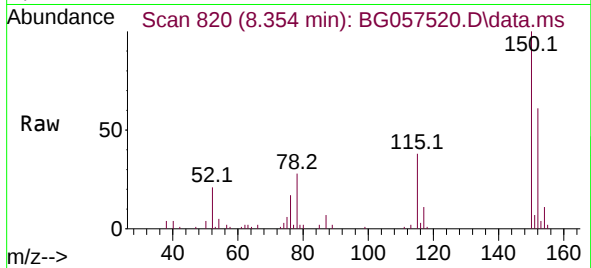




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057520.D
Acq: 23 May 2023 15:16

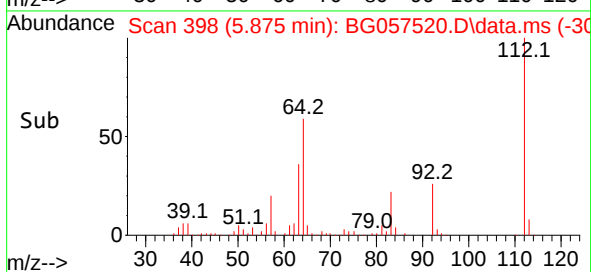
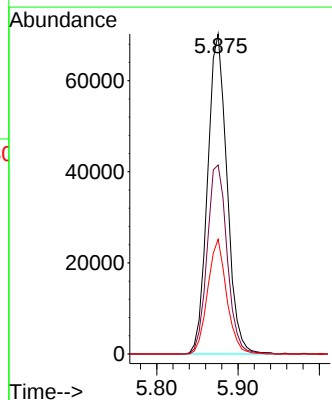
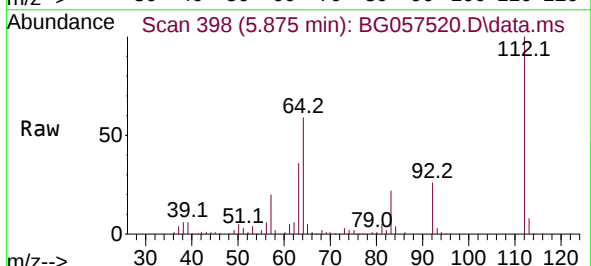
Instrument :
BNA_G
ClientSampleId :
TP-33

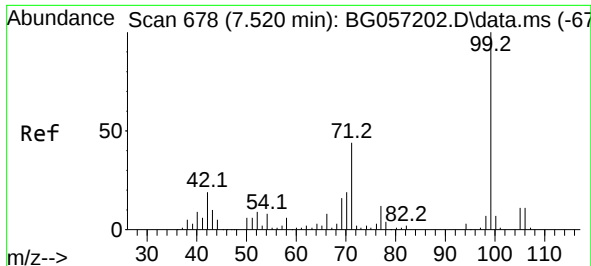
Tgt Ion:152 Resp: 21604
Ion Ratio Lower Upper
152 100
150 162.7 126.2 189.4
115 61.7 45.0 67.4



#5
2-Fluorophenol
Concen: 92.350 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057520.D
Acq: 23 May 2023 15:16

Tgt Ion:112 Resp: 116633
Ion Ratio Lower Upper
112 100
64 59.1 49.4 74.2
63 35.9 31.6 47.4

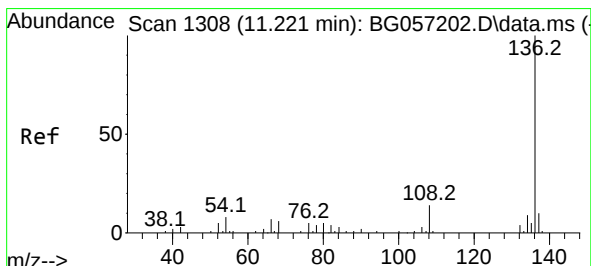
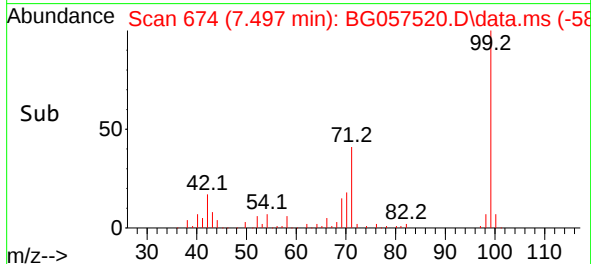
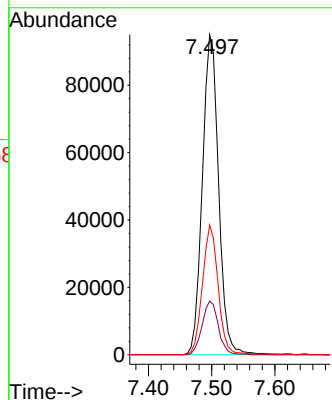
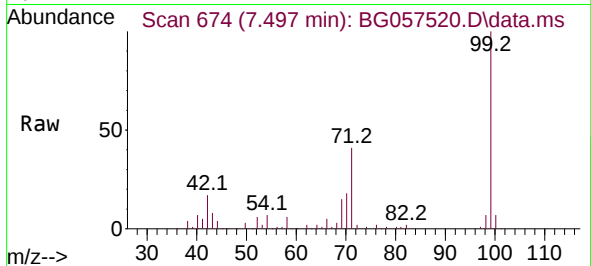




#7
Phenol-d6
Concen: 88.319 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057520.D
Acq: 23 May 2023 15:16

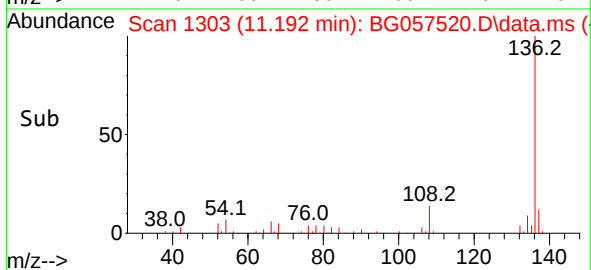
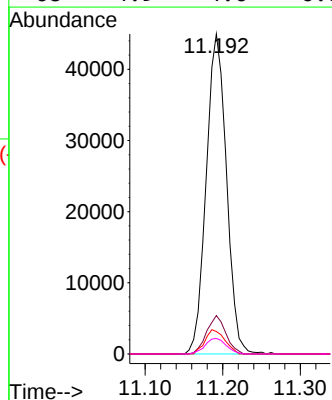
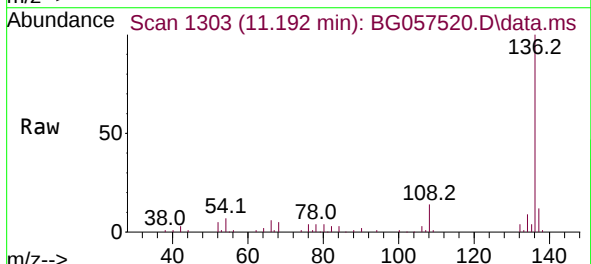
Instrument :
BNA_G
ClientSampleId :
TP-33

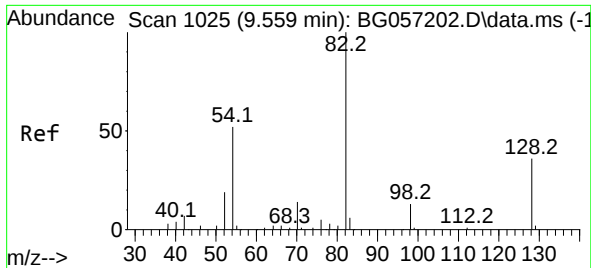
Tgt Ion: 99 Resp: 169380
Ion Ratio Lower Upper
99 100
42 16.7 15.1 22.7
71 40.5 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057520.D
Acq: 23 May 2023 15:16

Tgt Ion: 136 Resp: 81776
Ion Ratio Lower Upper
136 100
137 12.0 8.3 12.5
54 7.0 6.7 10.1
68 4.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 52.567 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.001 min

Lab File: BG057520.D

Acq: 23 May 2023 15:16

Instrument :

BNA_G

ClientSampleId :

TP-33

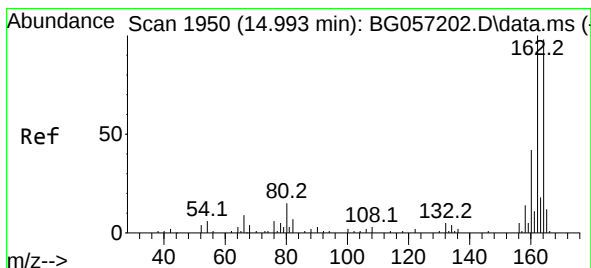
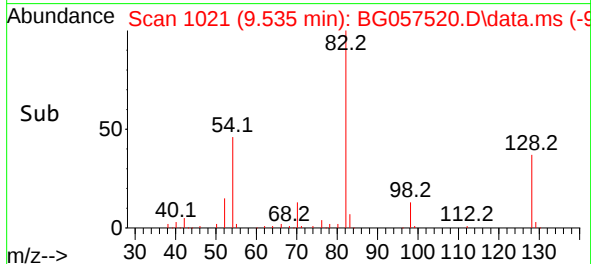
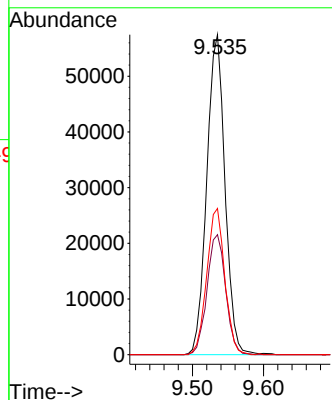
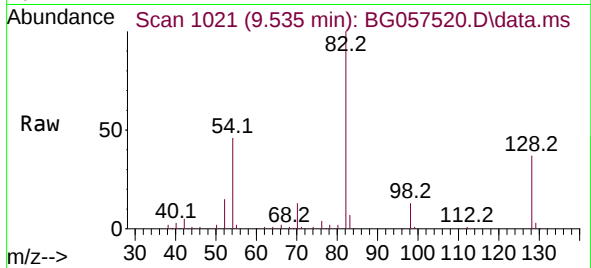
Tgt Ion: 82 Resp: 102422

Ion Ratio Lower Upper

82 100

128 37.5 29.0 43.4

54 45.7 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.007 min

Lab File: BG057520.D

Acq: 23 May 2023 15:16

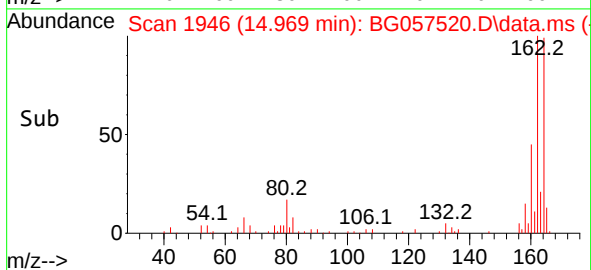
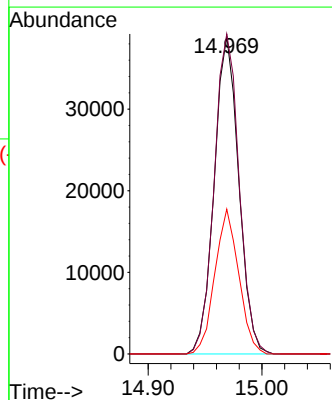
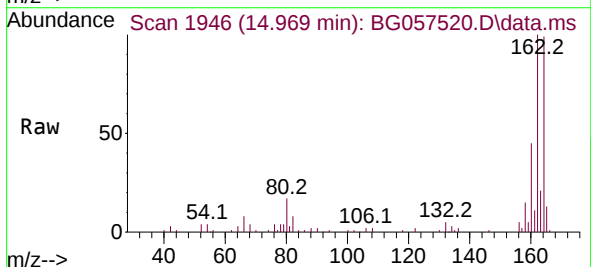
Tgt Ion:164 Resp: 58318

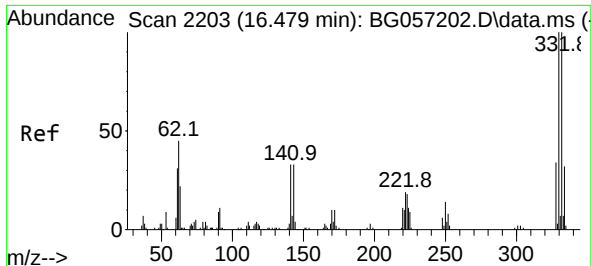
Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

160 45.6 34.6 52.0

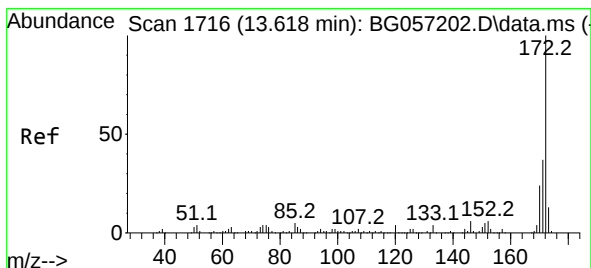
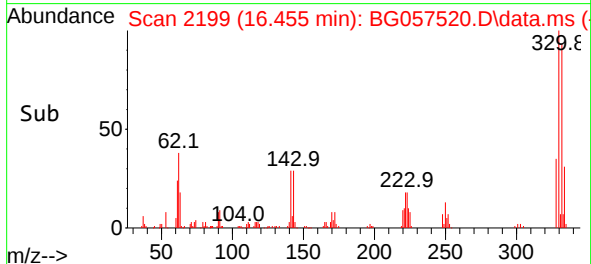
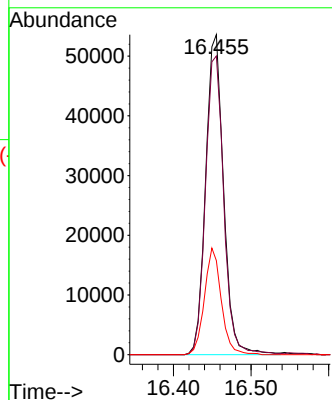
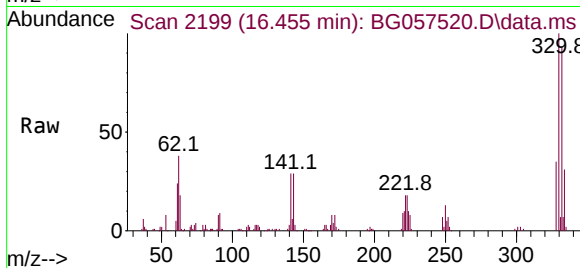




#42
2,4,6-Tribromophenol
Concen: 103.773 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG057520.D
Acq: 23 May 2023 15:16

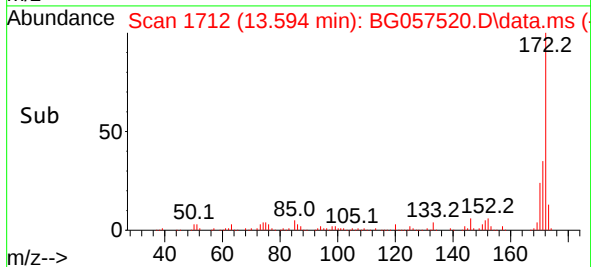
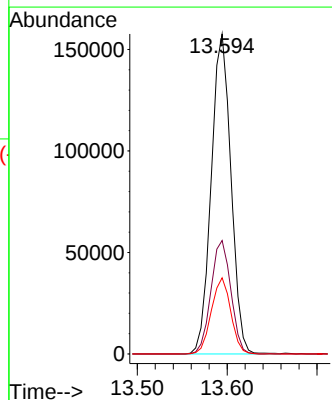
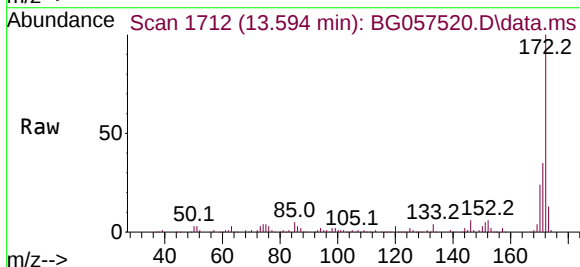
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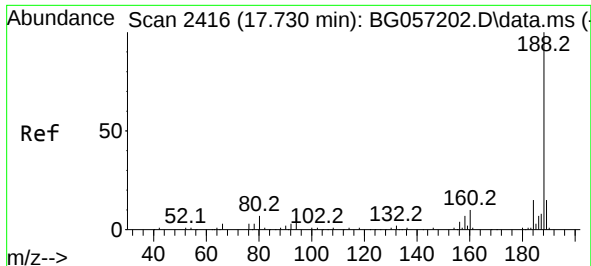
Tgt Ion:330 Resp: 85869
Ion Ratio Lower Upper
330 100
332 95.2 78.2 117.2
141 31.5 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 55.540 ng
RT: 13.594 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057520.D
Acq: 23 May 2023 15:16

Tgt Ion:172 Resp: 240495
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.8 19.0 28.6

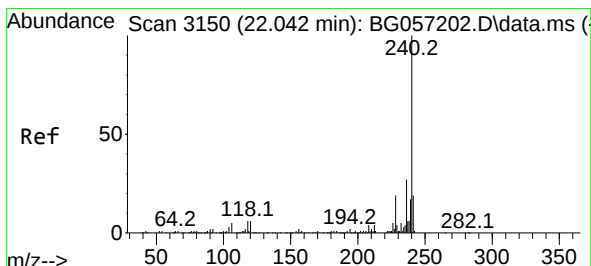
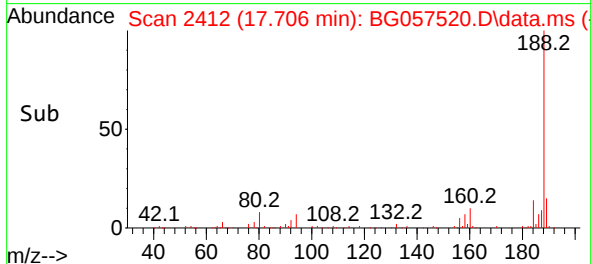
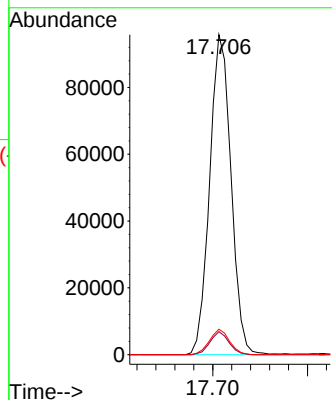
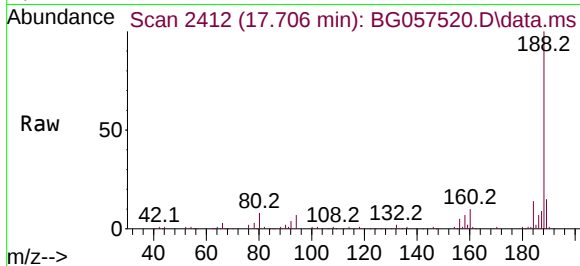




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.706 min Scan# 2416
Delta R.T. -0.007 min
Lab File: BG057520.D
Acq: 23 May 2023 15:16

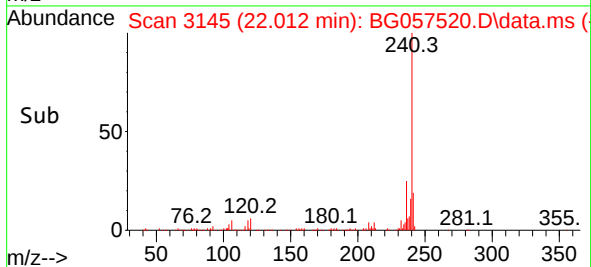
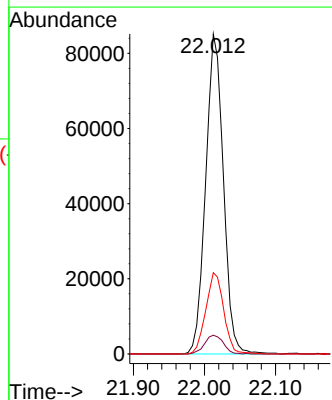
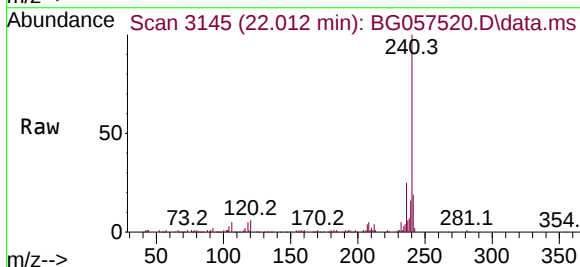
Instrument :
BNA_G
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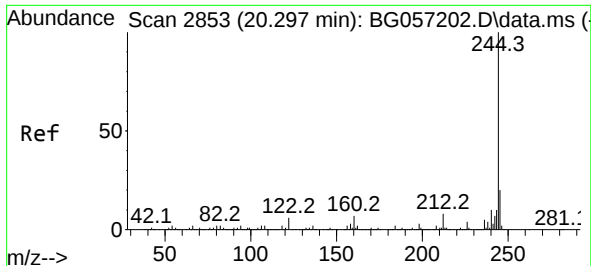
Tgt Ion:188 Resp: 149963
Ion Ratio Lower Upper
188 100
94 7.2 5.1 7.7
80 7.9 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057520.D
Acq: 23 May 2023 15:16

Tgt Ion:240 Resp: 147684
Ion Ratio Lower Upper
240 100
120 5.9 4.9 7.3
236 25.4 21.4 32.2

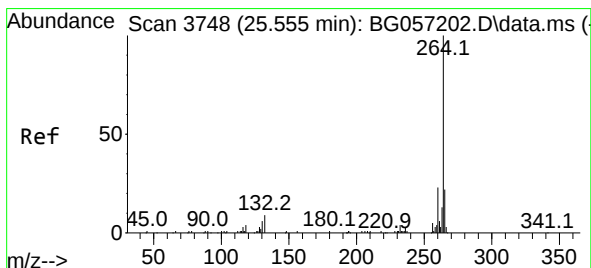
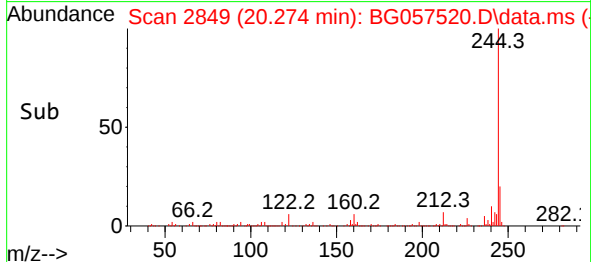
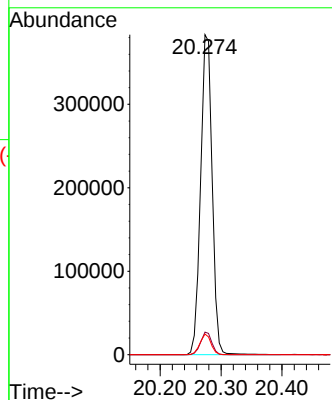
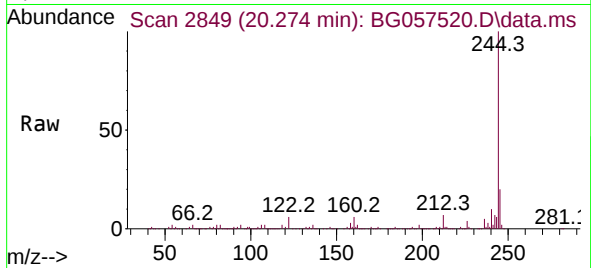




#79
 Terphenyl-d14
 Concen: 55.816 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057520.D
 Acq: 23 May 2023 15:16

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 505119
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.5 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.514 min Scan# 3741
 Delta R.T. -0.001 min
 Lab File: BG057520.D
 Acq: 23 May 2023 15:16

Tgt Ion:264 Resp: 159456
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.8 28.2
 265 20.9 17.9 26.9

