

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057521.D
 Acq On : 23 May 2023 15:56
 Operator : CG/JU
 Sample : 02892-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-31

Quant Time: May 23 16:40:32 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	20438	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	78172	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	55009	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	131304	20.000	ng	0.00
76) Chrysene-d12	22.018	240	136262	20.000	ng	0.00
86) Perylene-d12	25.519	264	146095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	136819	114.514	ng	0.00
7) Phenol-d6	7.502	99	196814	108.478	ng	0.00
23) Nitrobenzene-d5	9.535	82	121102	65.020	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	90613	116.093	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	279125	68.339	ng	0.00
79) Terphenyl-d14	20.279	244	562000	67.307	ng	0.00

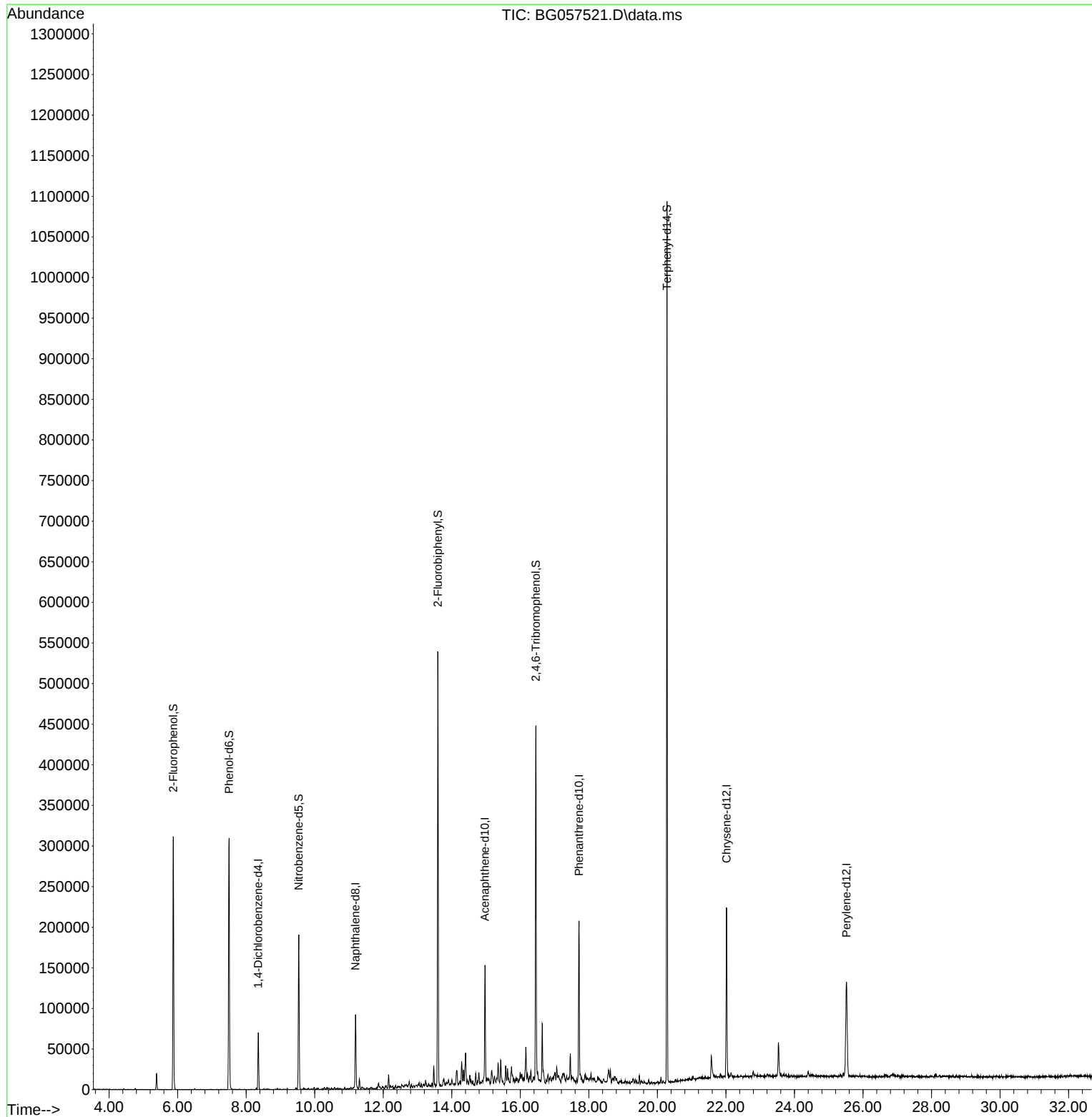
Target Compounds	Qvalue

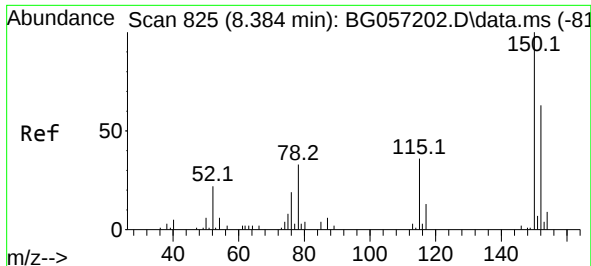
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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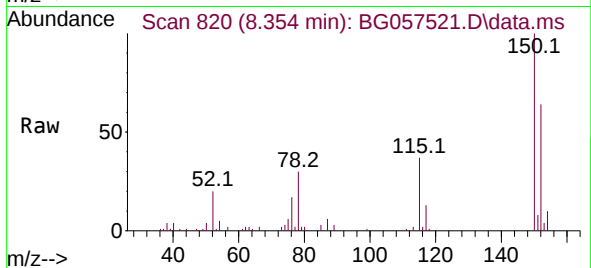
Quant Time: May 23 16:40:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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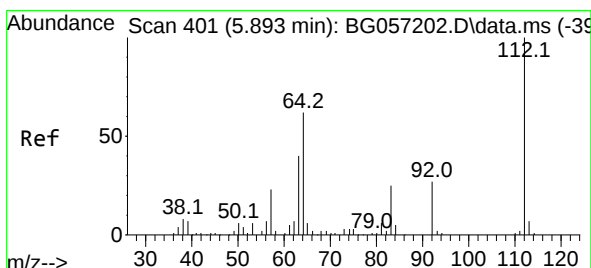
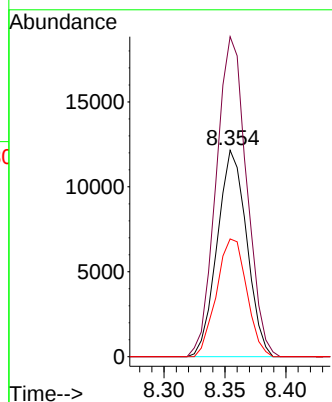
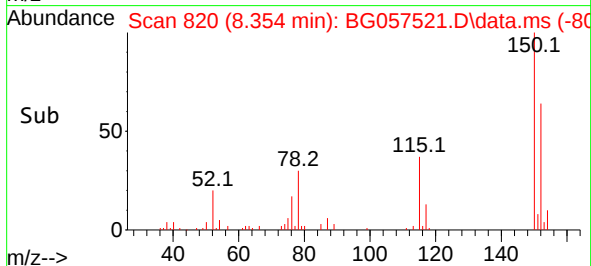


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

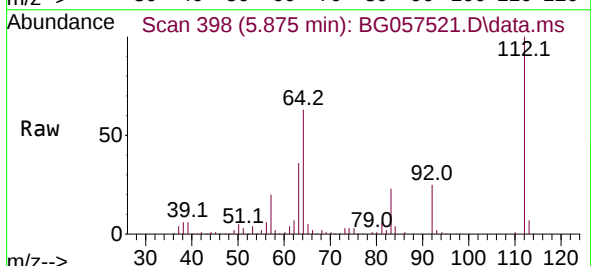
Instrument :
BNA_G
ClientSampleId :
TP-31



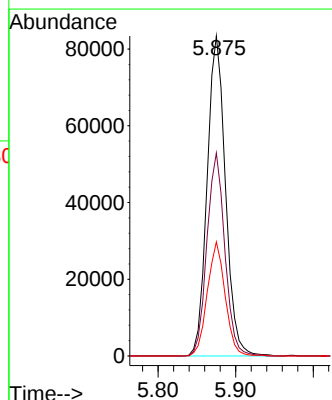
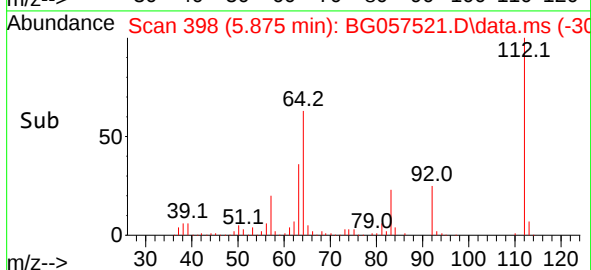
Tgt Ion:152 Resp: 20438
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 57.0 45.0 67.4

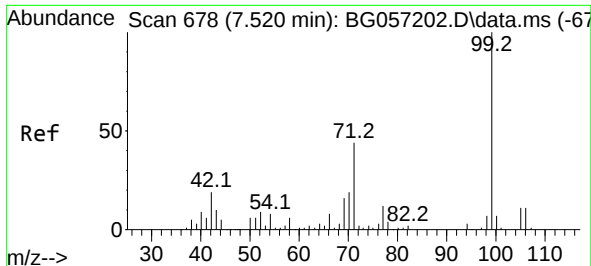


#5
2-Fluorophenol
Concen: 114.514 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56



Tgt Ion:112 Resp: 136819
Ion Ratio Lower Upper
112 100
64 63.5 49.4 74.2
63 35.7 31.6 47.4

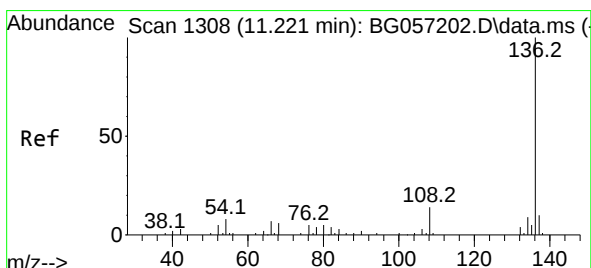
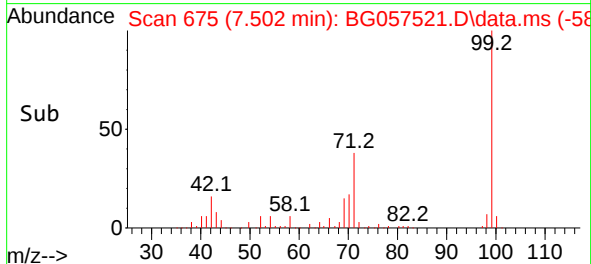
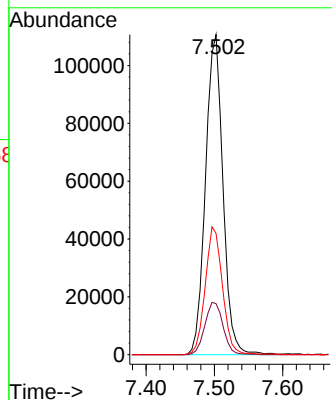
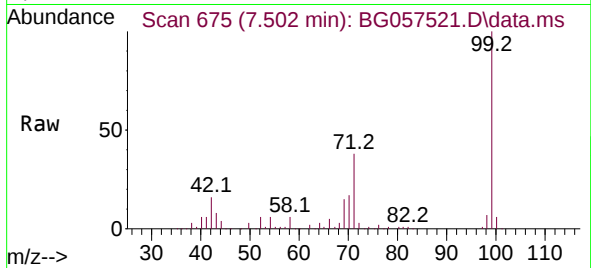




#7
Phenol-d6
Concen: 108.478 ng
RT: 7.502 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

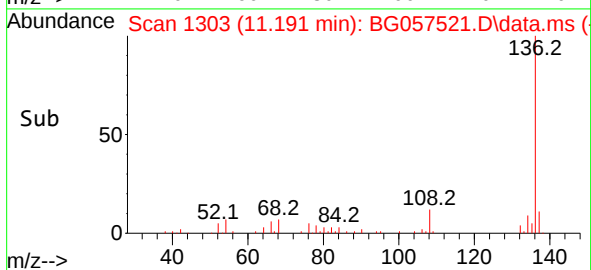
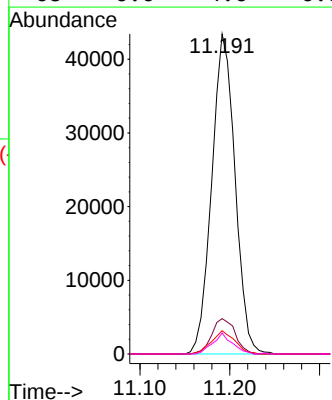
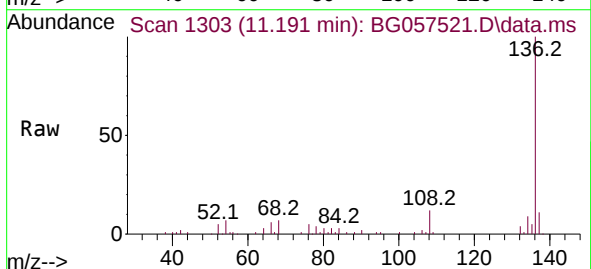
Instrument :
BNA_G
ClientSampleId :
TP-31

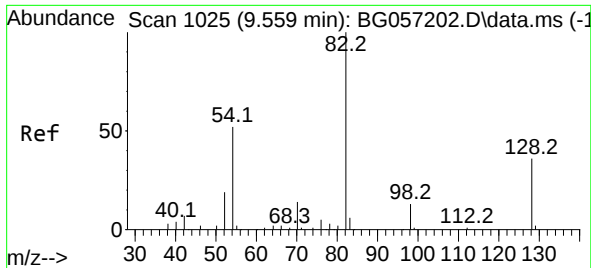
Tgt Ion: 99 Resp: 196814
Ion Ratio Lower Upper
99 100
42 16.0 15.1 22.7
71 37.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1303
Delta R.T. -0.008 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

Tgt Ion: 136 Resp: 78172
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 7.3 6.7 10.1
68 6.6 4.6 6.8

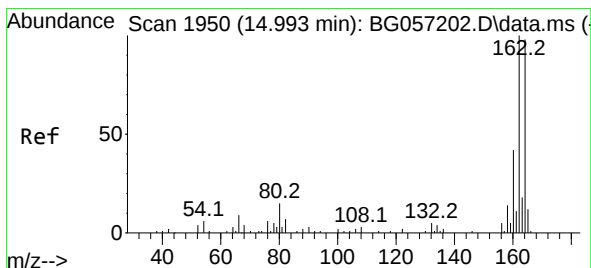
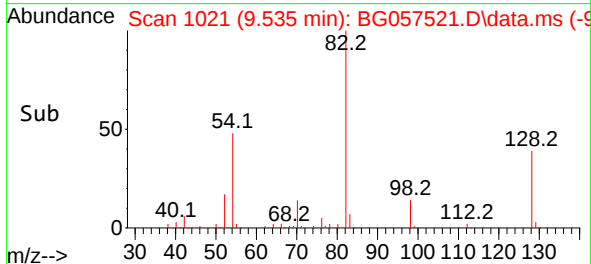
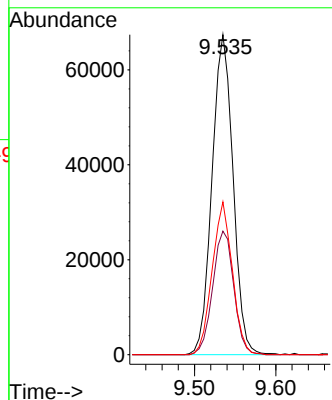
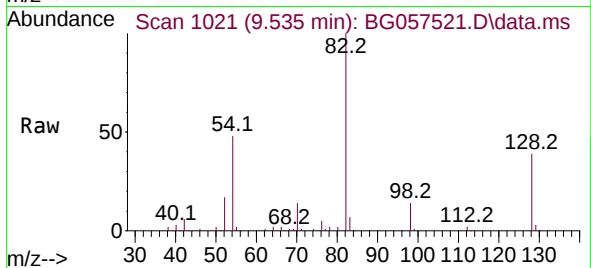




#23
Nitrobenzene-d5
Concen: 65.020 ng
RT: 9.535 min Scan# 1021
Delta R.T. -0.002 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

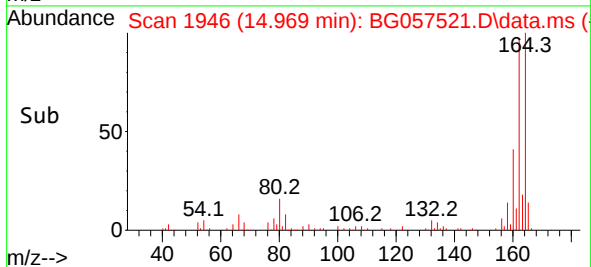
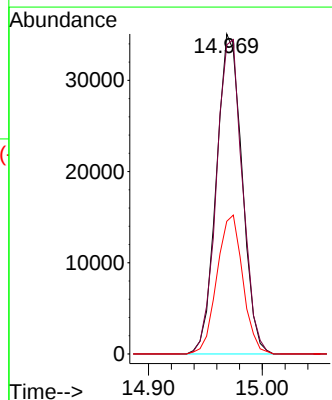
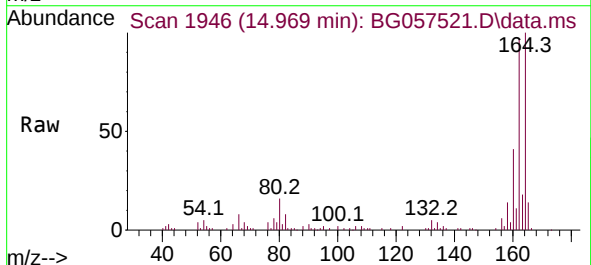
Instrument :
BNA_G
ClientSampleId :
TP-31

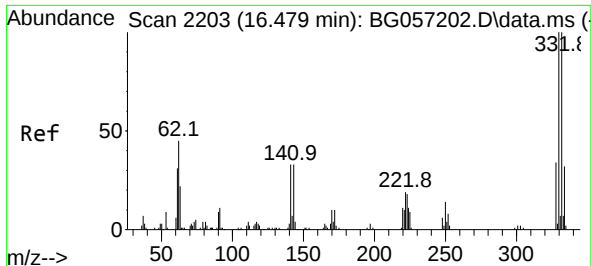
Tgt Ion: 82 Resp: 121102
Ion Ratio Lower Upper
82 100
128 38.6 29.0 43.4
54 47.8 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1946
Delta R.T. -0.008 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

Tgt Ion:164 Resp: 55009
Ion Ratio Lower Upper
164 100
162 96.6 81.8 122.6
160 41.4 34.6 52.0

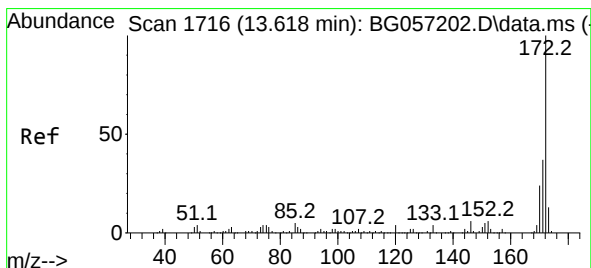
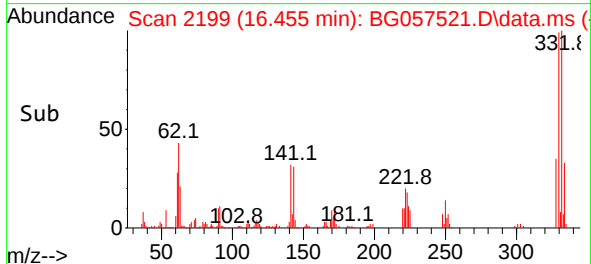
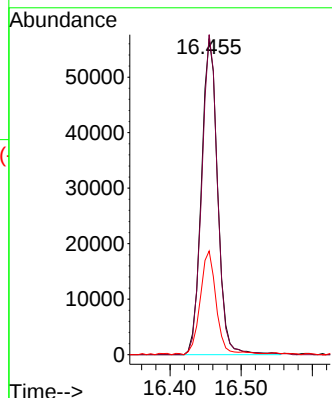
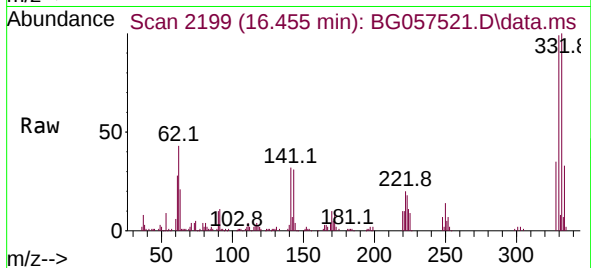




#42
2,4,6-Tribromophenol
Concen: 116.093 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

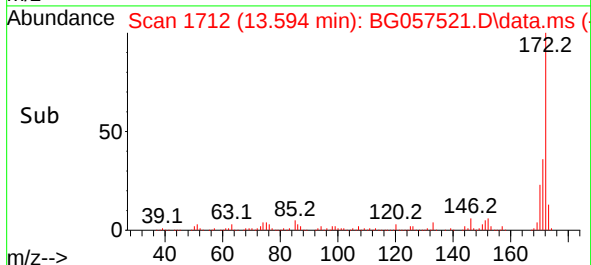
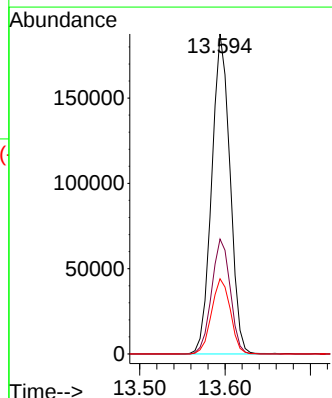
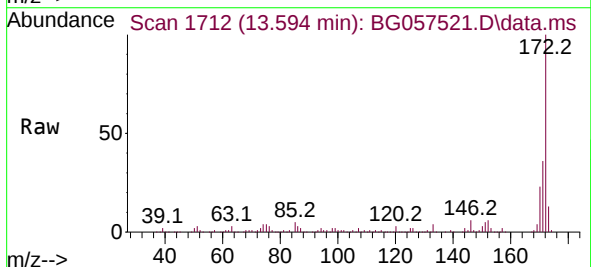
Instrument :
BNA_G
ClientSampleId :
TP-31

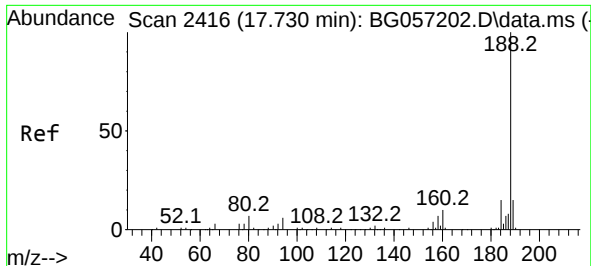
Tgt Ion:330 Resp: 90613
Ion Ratio Lower Upper
330 100
332 98.5 78.2 117.2
141 32.8 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 68.339 ng
RT: 13.594 min Scan# 1712
Delta R.T. -0.008 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

Tgt Ion:172 Resp: 279125
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.5 19.0 28.6

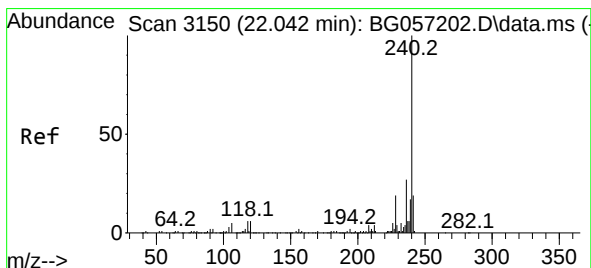
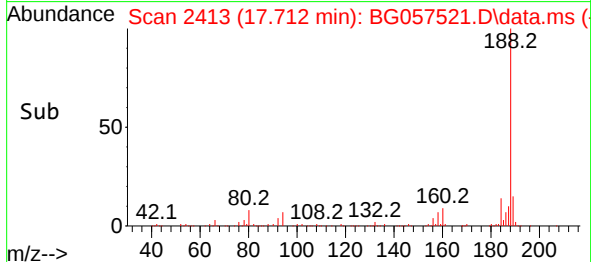
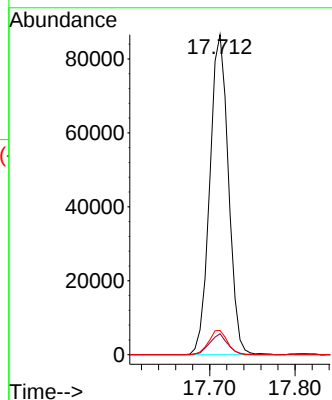
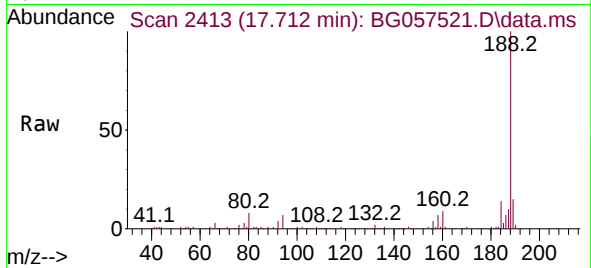




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2416
Delta R.T. -0.002 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

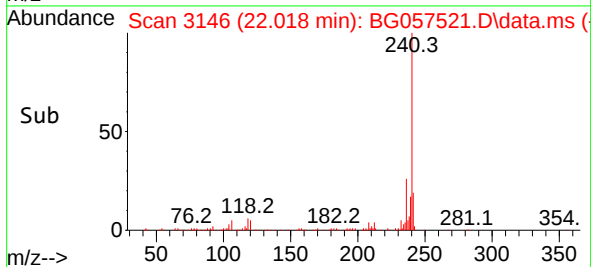
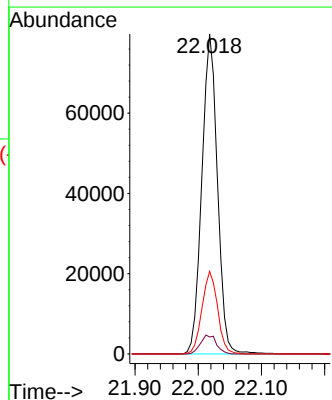
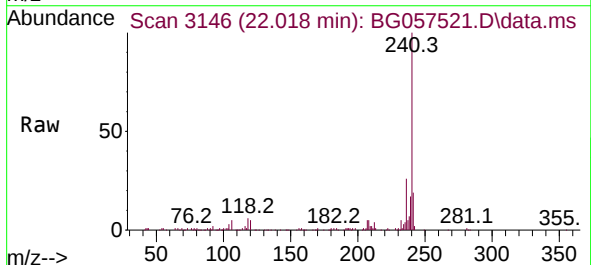
Instrument :
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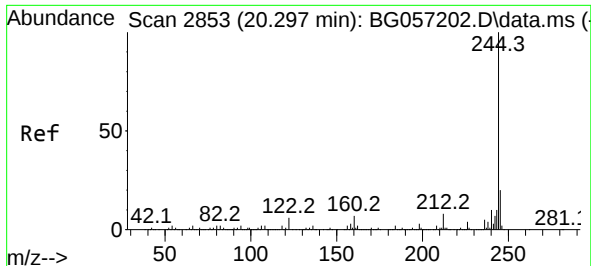
Tgt Ion:188 Resp: 131304
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 7.5 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057521.D
Acq: 23 May 2023 15:56

Tgt Ion:240 Resp: 136262
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 25.8 21.4 32.2

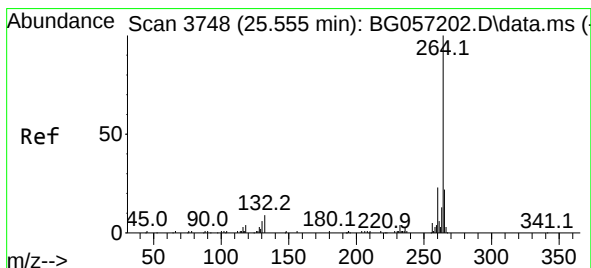
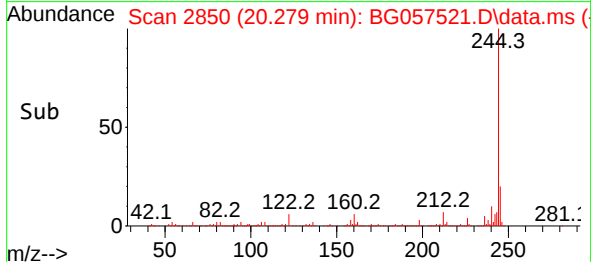
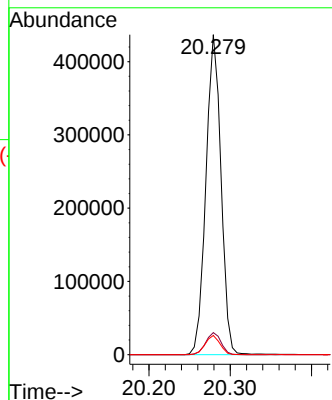
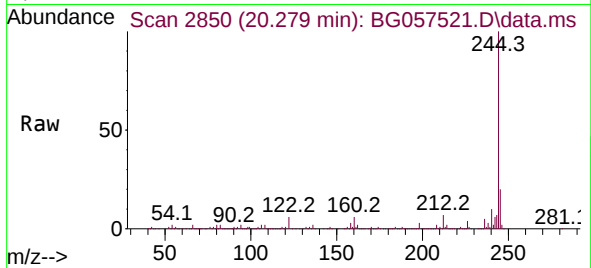




#79
 Terphenyl-d14
 Concen: 67.307 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057521.D
 Acq: 23 May 2023 15:56

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 562000
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.0 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.519 min Scan# 3742
 Delta R.T. 0.004 min
 Lab File: BG057521.D
 Acq: 23 May 2023 15:56

Tgt Ion:264 Resp: 146095
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 24.3 17.9 26.9

