

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058767.D
 Acq On : 17 Aug 2023 18:03
 Operator : MA/JU
 Sample : 04042-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-376

Quant Time: Aug 18 01:53:25 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	7.809	152	22924	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	95968	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	70534	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	191142	20.000	ng	0.00
76) Chrysene-d12	21.452	240	174248	20.000	ng	0.00
86) Perylene-d12	24.530	264	203300	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	193826	129.233	ng	0.00
7) Phenol-d6	6.980	99	246335	118.035	ng	0.00
23) Nitrobenzene-d5	8.978	82	174866	89.513	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	133731	115.674	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	422152	89.692	ng	0.00
79) Terphenyl-d14	19.824	244	858816	92.686	ng	0.00

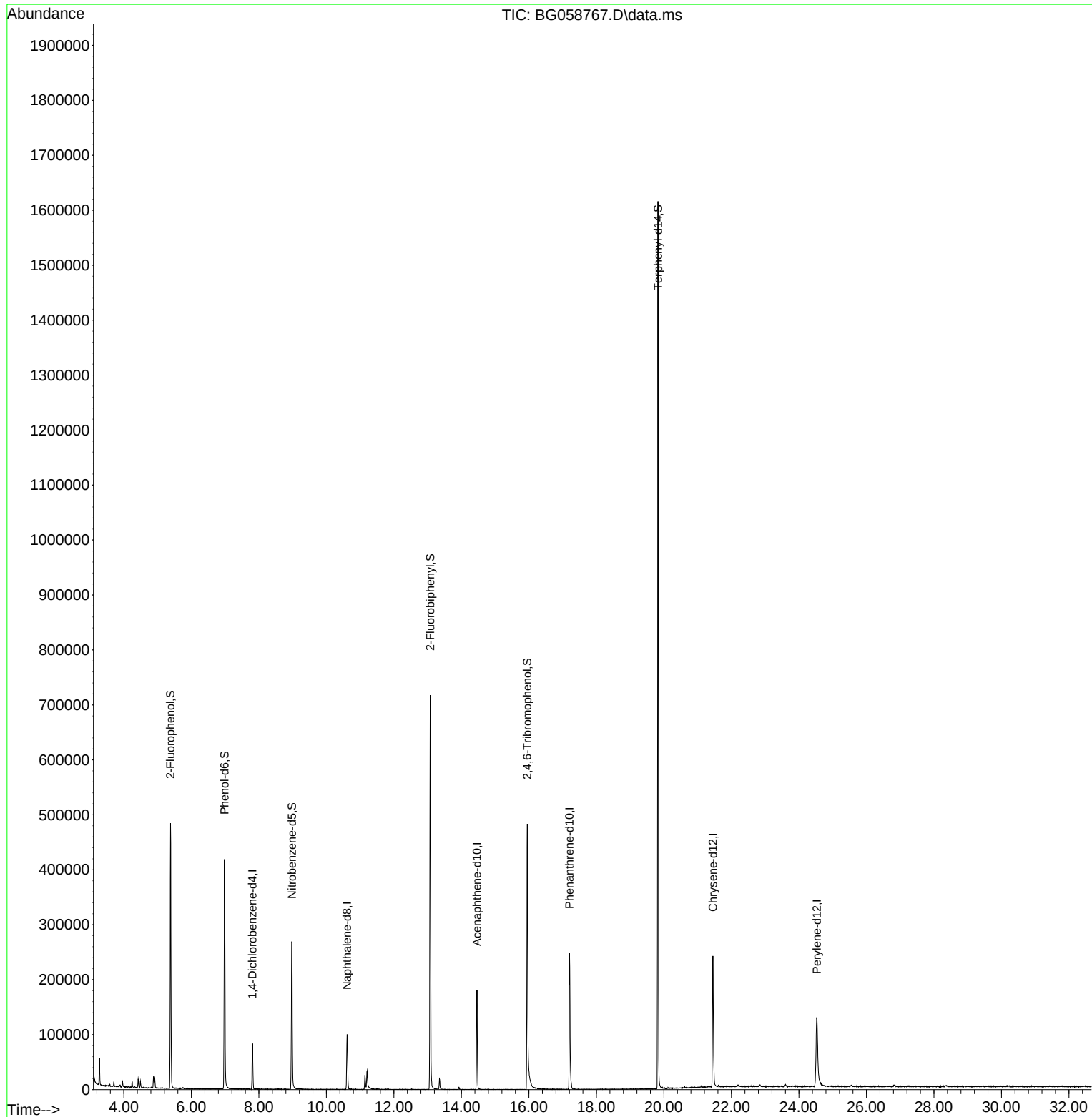
Target Compounds	Qvalue

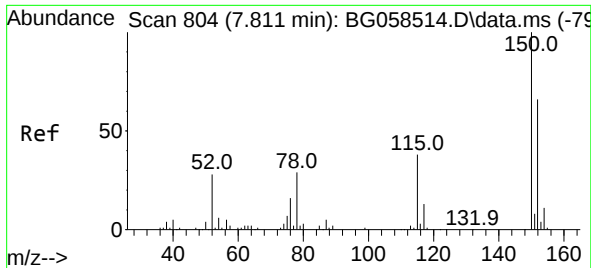
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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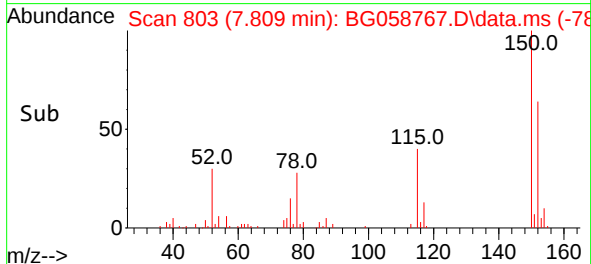
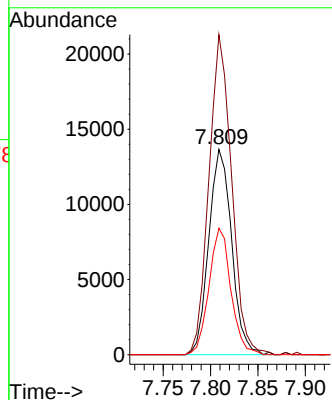
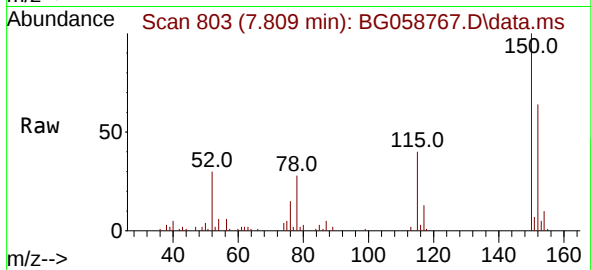




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

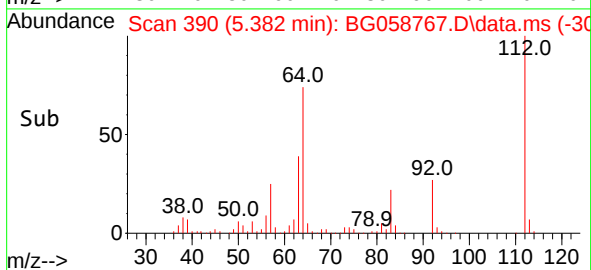
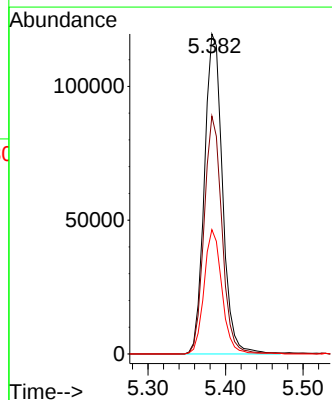
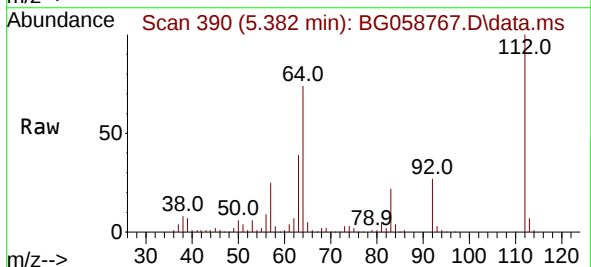
Instrument :
BNA_G
ClientSampleId :
TP-376

Tgt Ion:152 Resp: 22924
Ion Ratio Lower Upper
152 100
150 155.9 120.5 180.7
115 61.6 45.9 68.9



#5
2-Fluorophenol
Concen: 129.233 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion:112 Resp: 193826
Ion Ratio Lower Upper
112 100
64 74.4 55.3 82.9
63 38.9 28.3 42.5

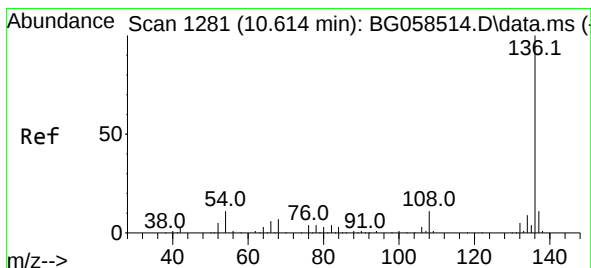
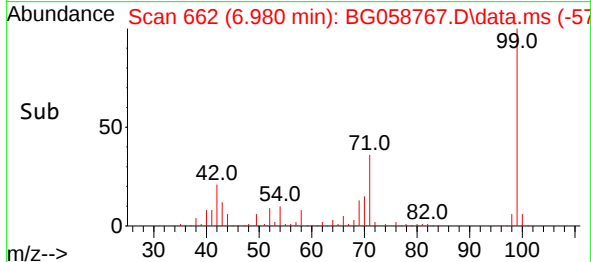
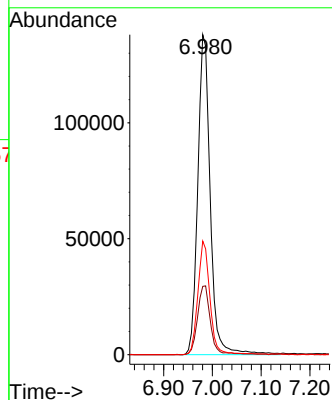
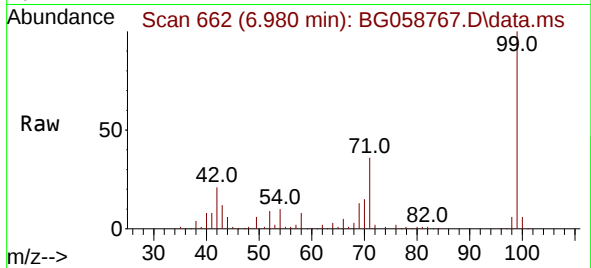




#7
Phenol-d6
Concen: 118.035 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

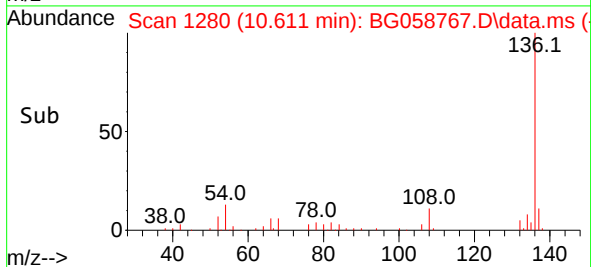
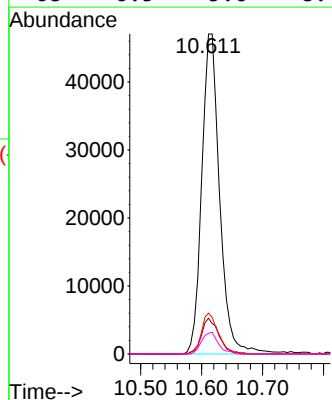
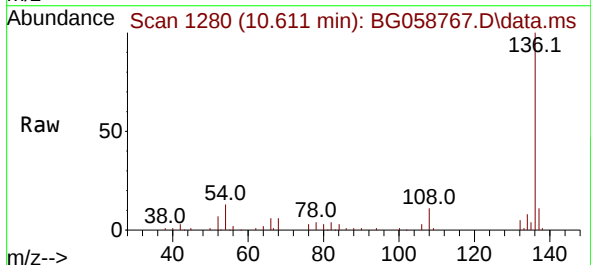
Instrument :
BNA_G
ClientSampleId :
TP-376

Tgt Ion: 99 Resp: 246335
Ion Ratio Lower Upper
99 100
42 21.3 14.6 21.8
71 35.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion: 136 Resp: 95968
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.7 8.9 13.3
68 6.5 5.6 8.4

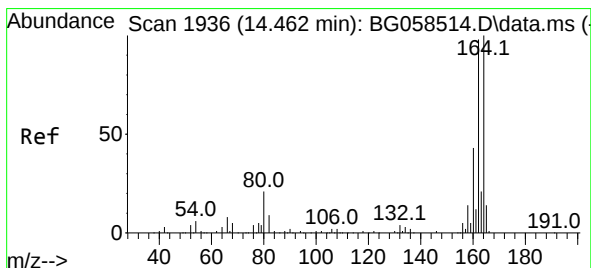
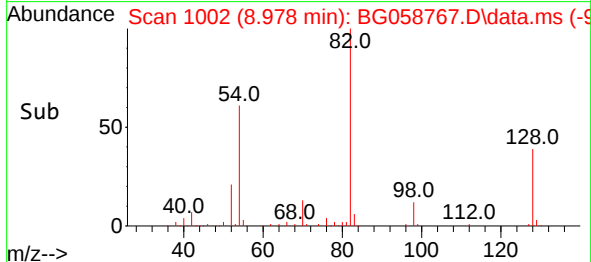
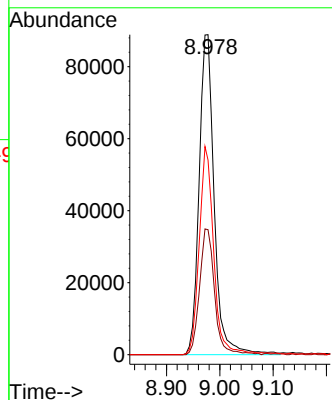
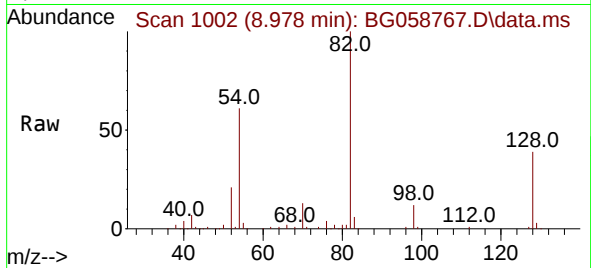




#23
 Nitrobenzene-d5
 Concen: 89.513 ng
 RT: 8.978 min Scan# 1002
 Delta R.T. -0.002 min
 Lab File: BG058767.D
 Acq: 17 Aug 2023 18:03

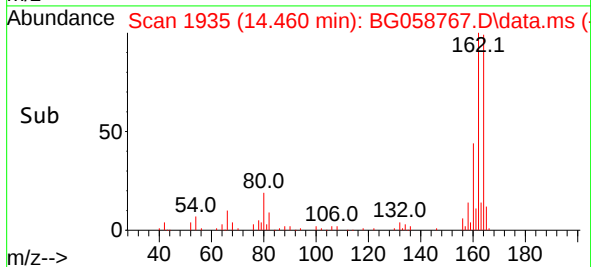
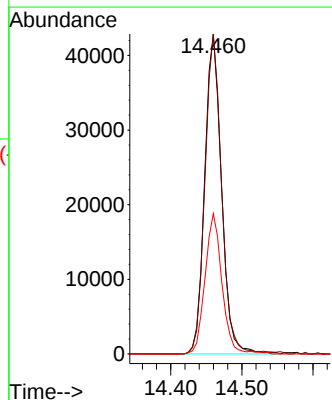
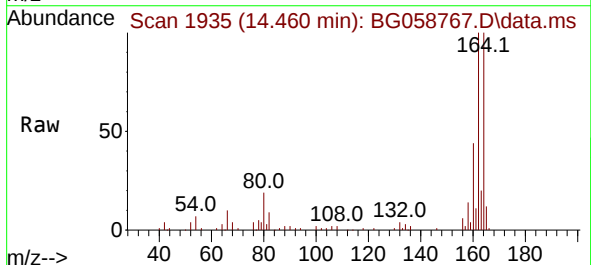
Instrument :
 BNA_G
 ClientSampleId :
 TP-376

Tgt Ion: 82 Resp: 174866
 Ion Ratio Lower Upper
 82 100
 128 39.1 32.2 48.2
 54 60.8 46.0 69.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.460 min Scan# 1935
 Delta R.T. -0.002 min
 Lab File: BG058767.D
 Acq: 17 Aug 2023 18:03

Tgt Ion:164 Resp: 70534
 Ion Ratio Lower Upper
 164 100
 162 100.2 78.3 117.5
 160 43.9 34.1 51.1

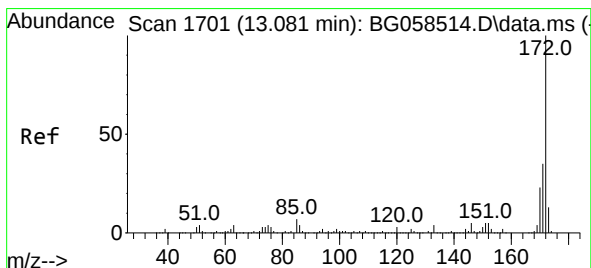
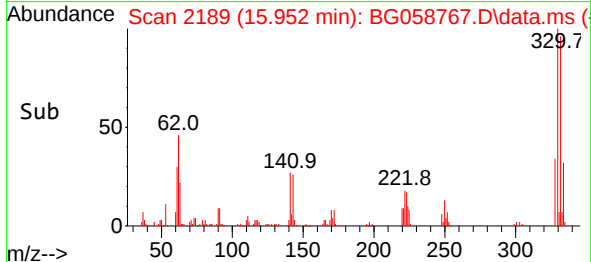
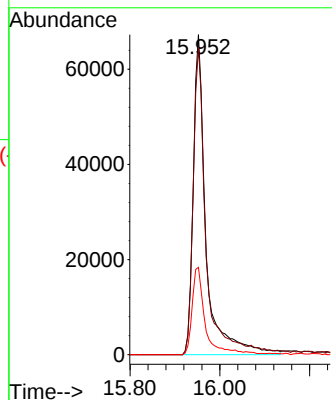
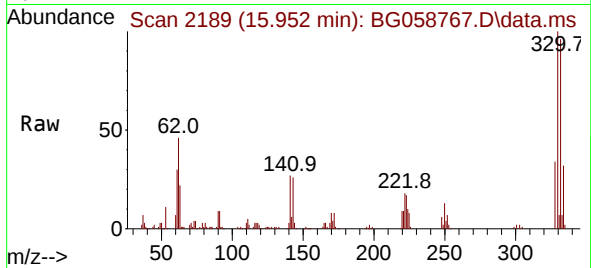




#42
2,4,6-Tribromophenol
Concen: 115.674 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

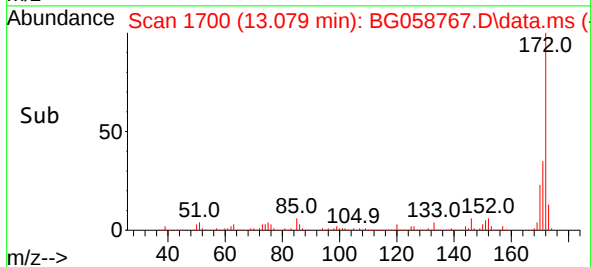
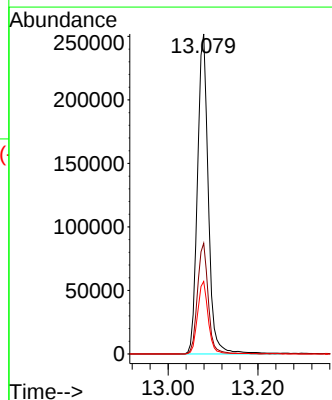
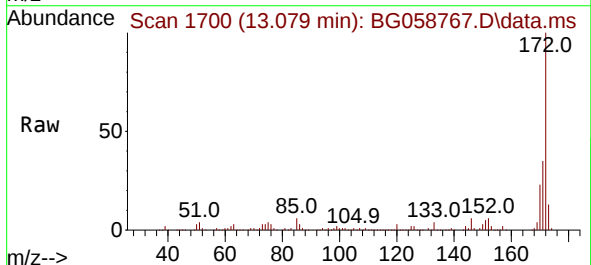
Instrument :
BNA_G
ClientSampleId :
TP-376

Tgt Ion:330 Resp: 133731
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 28.0 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 89.692 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion:172 Resp: 422152
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.6 18.4 27.6

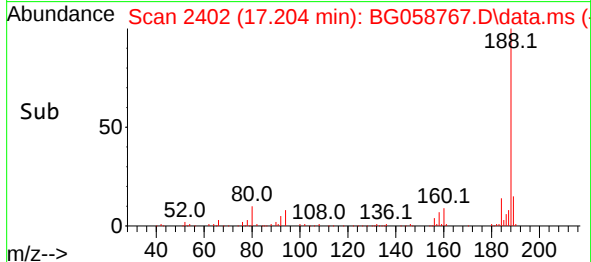
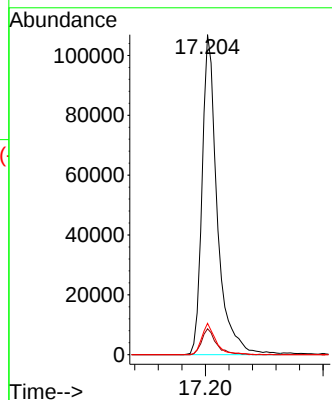
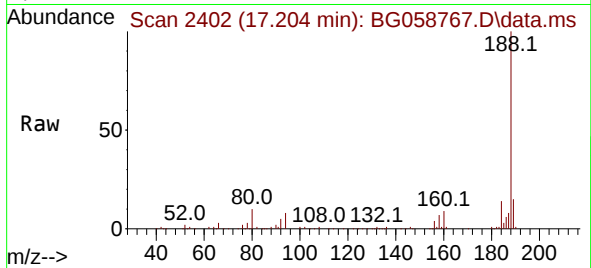




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2403
Delta R.T. -0.002 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

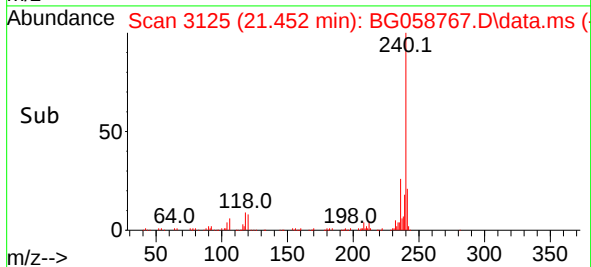
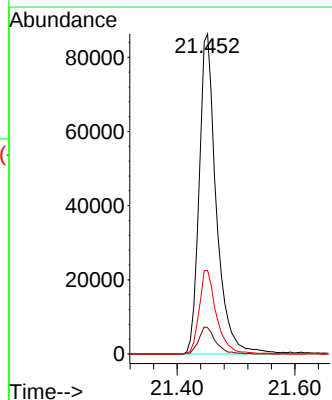
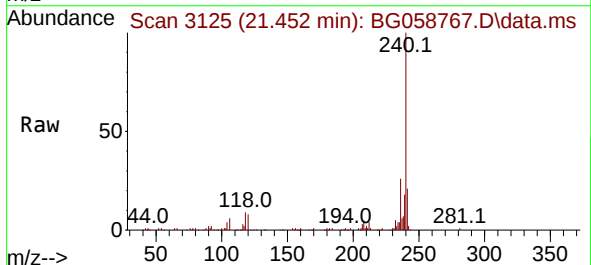
Instrument :
BNA_G
ClientSampleId :
TP-376

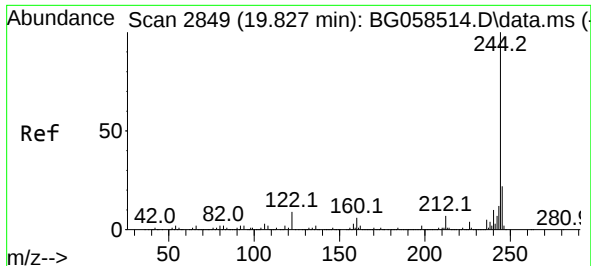
Tgt Ion:188 Resp: 191142
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058767.D
Acq: 17 Aug 2023 18:03

Tgt Ion:240 Resp: 174248
Ion Ratio Lower Upper
240 100
120 8.2 7.4 11.0
236 26.2 22.2 33.4

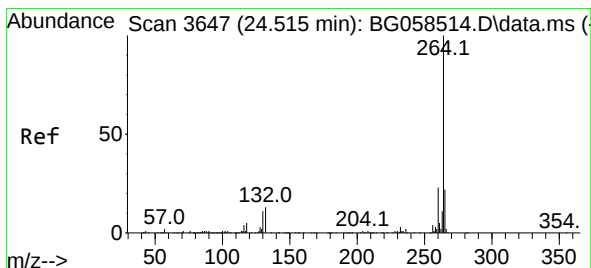
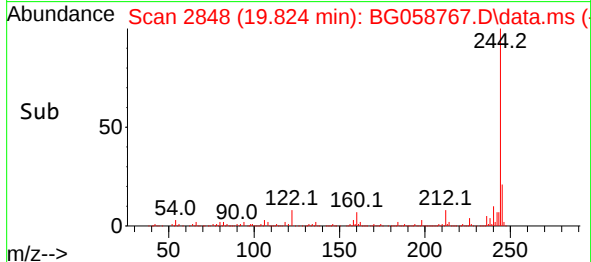
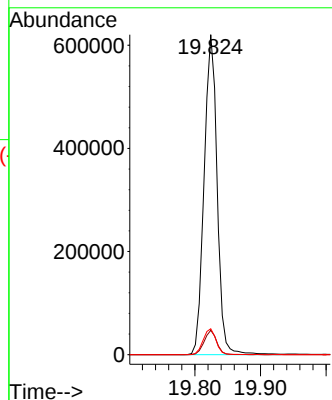
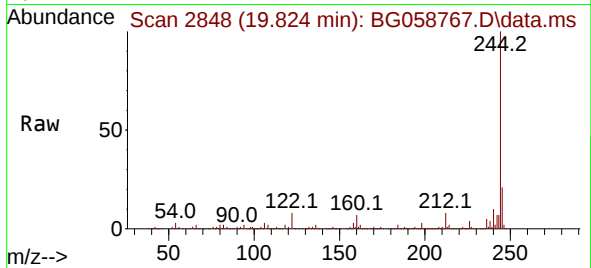




#79
 Terphenyl-d14
 Concen: 92.686 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058767.D
 Acq: 17 Aug 2023 18:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-376

Tgt Ion:244 Resp: 858816
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 8.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.530 min Scan# 3649
 Delta R.T. 0.015 min
 Lab File: BG058767.D
 Acq: 17 Aug 2023 18:03

Tgt Ion:264 Resp: 203300
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.6 17.9 26.9

