

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058839.D
 Acq On : 24 Aug 2023 15:16
 Operator : MA/JU
 Sample : 04090-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-L

Quant Time: Aug 24 15:54:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	17301	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	69003	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	49777	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	131656	20.000	ng	0.00
76) Chrysene-d12	21.444	240	121004	20.000	ng	0.00
86) Perylene-d12	24.522	264	143022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	156271	145.356	ng	0.00
7) Phenol-d6	6.978	99	192578	127.673	ng	0.00
23) Nitrobenzene-d5	8.970	82	137135	95.548	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	115287	147.710	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	330762	96.647	ng	0.00
79) Terphenyl-d14	19.822	244	697103	103.444	ng	0.00

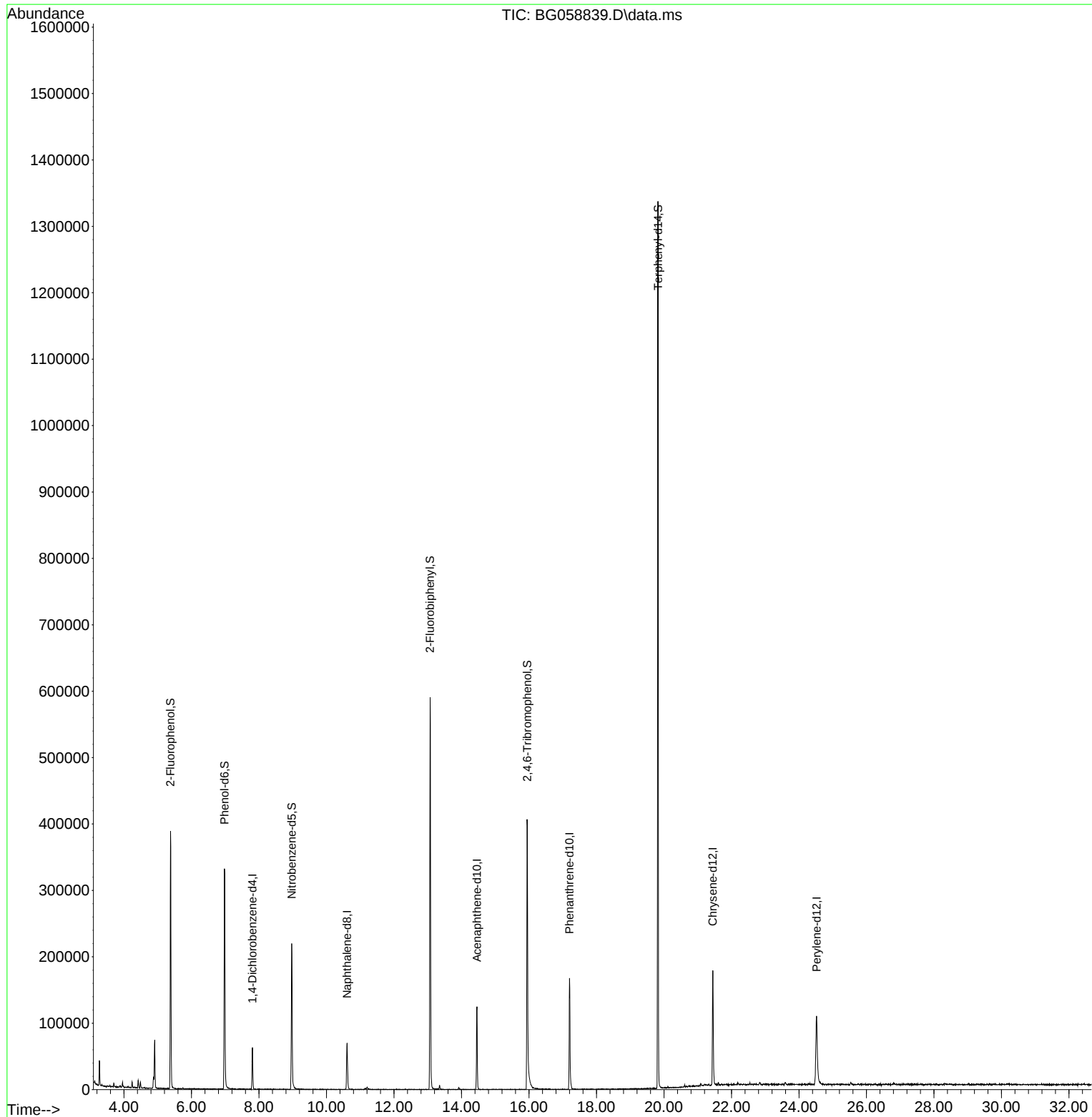
Target Compounds	Qvalue

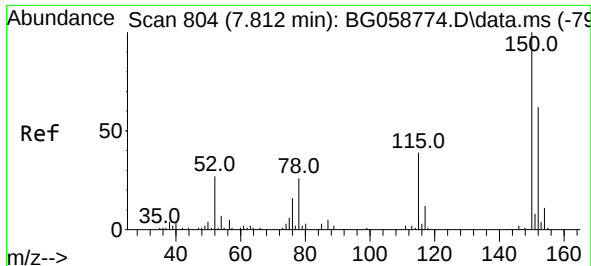
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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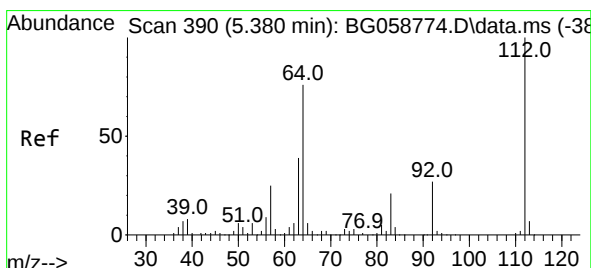
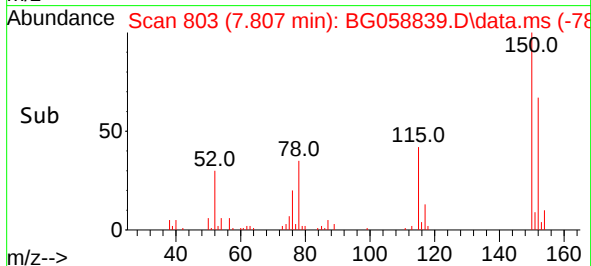
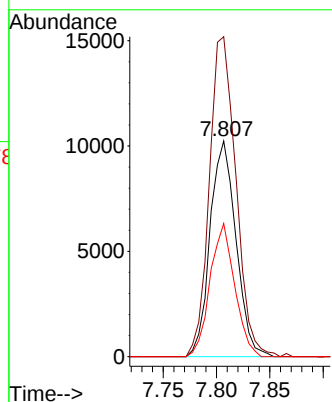
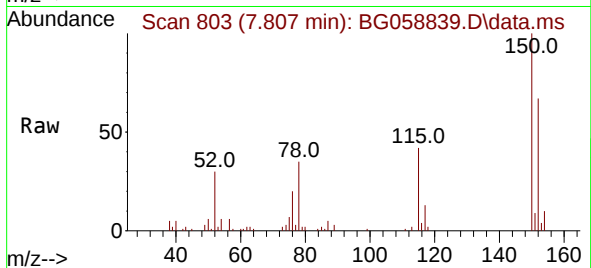




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

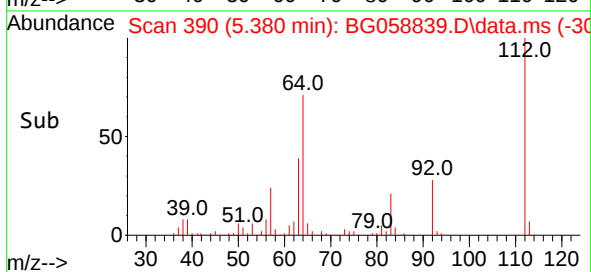
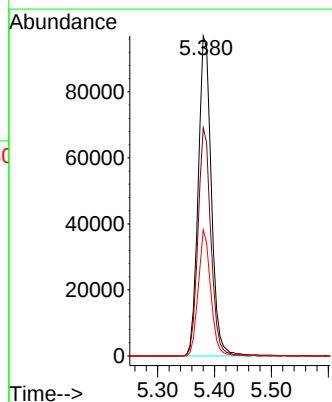
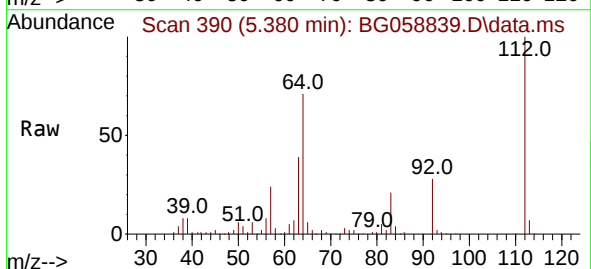
Instrument :
BNA_G
ClientSampleId :
TP-L

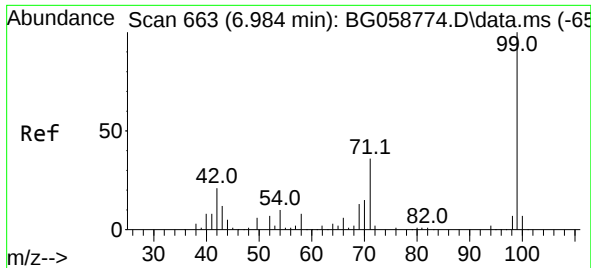
Tgt Ion:152 Resp: 17301
Ion Ratio Lower Upper
152 100
150 148.3 128.6 192.8
115 61.7 50.4 75.6



#5
2-Fluorophenol
Concen: 145.356 ng
RT: 5.380 min Scan# 390
Delta R.T. 0.000 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:112 Resp: 156271
Ion Ratio Lower Upper
112 100
64 71.3 60.6 90.8
63 39.4 31.0 46.4





#7

Phenol-d6

Concen: 127.673 ng

RT: 6.978 min Scan# 6

Delta R.T. -0.006 min

Lab File: BG058839.D

Acq: 24 Aug 2023 15:16

Instrument :

BNA_G

ClientSampleId :

TP-L

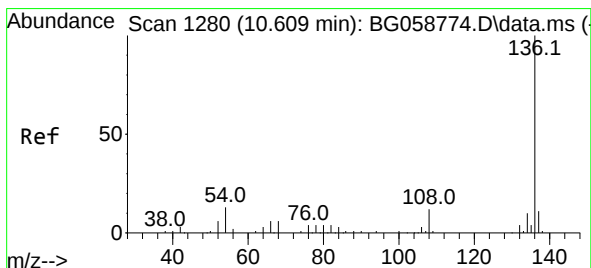
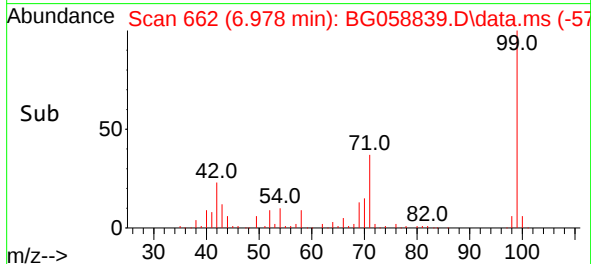
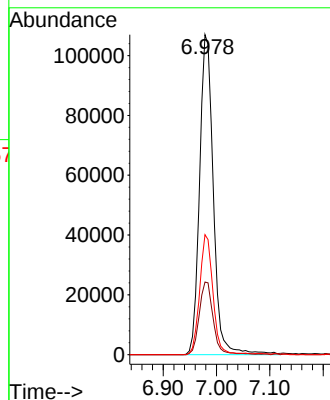
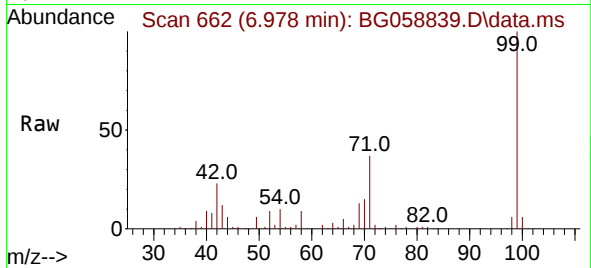
Tgt Ion: 99 Resp: 192578

Ion Ratio Lower Upper

99 100

42 22.7 16.5 24.7

71 37.5 28.4 42.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.609 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BG058839.D

Acq: 24 Aug 2023 15:16

Tgt Ion: 136 Resp: 69003

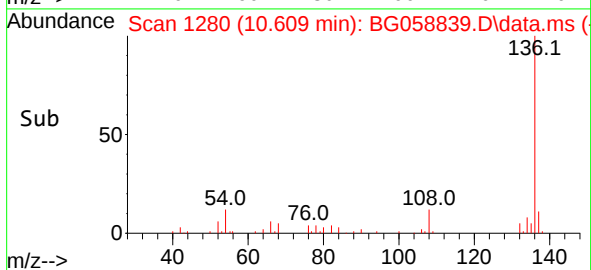
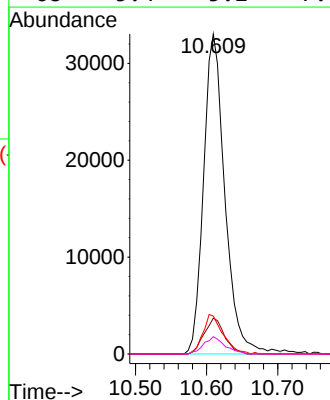
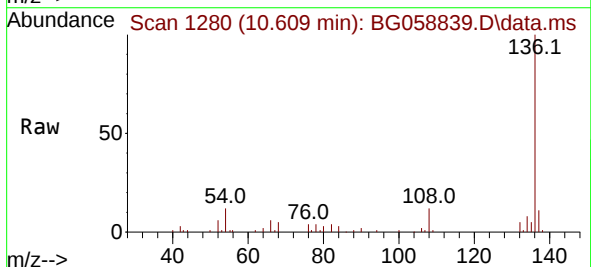
Ion Ratio Lower Upper

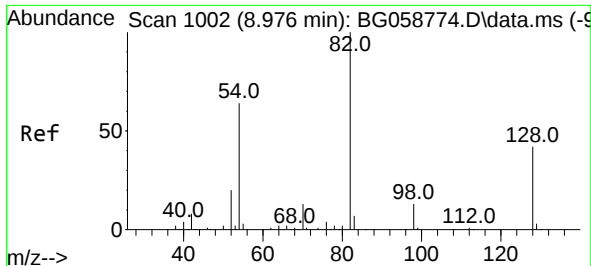
136 100

137 11.2 8.7 13.1

54 11.8 10.1 15.1

68 5.4 5.2 7.8

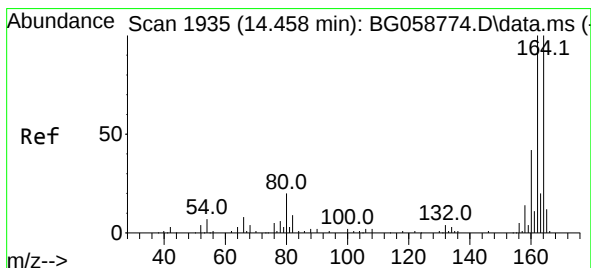
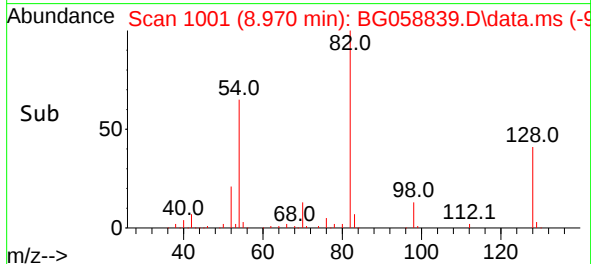
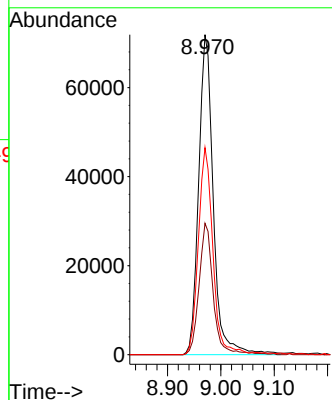
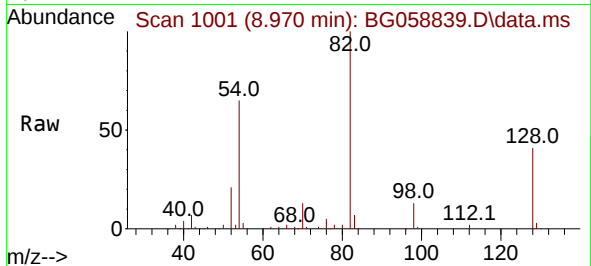




#23
Nitrobenzene-d5
Concen: 95.548 ng
RT: 8.970 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

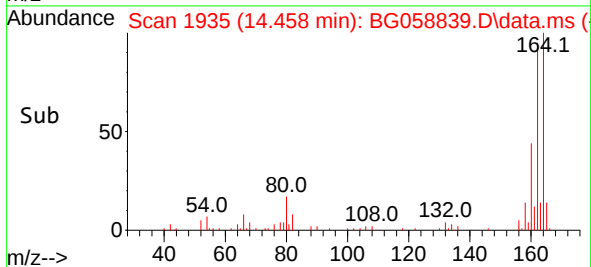
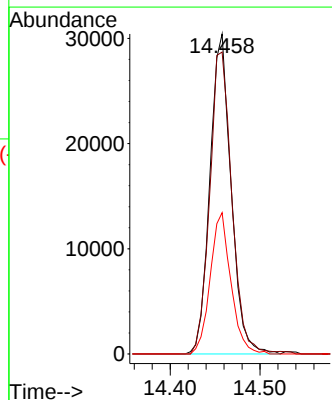
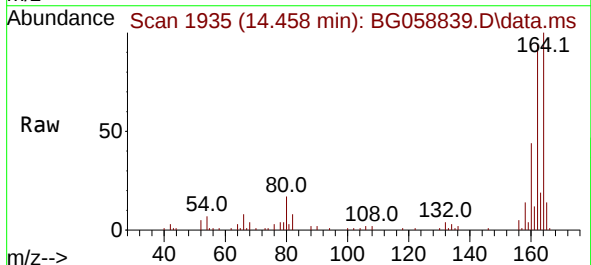
Instrument :
BNA_G
ClientSampleId :
TP-L

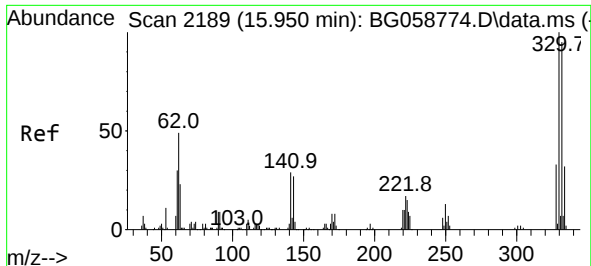
Tgt Ion: 82 Resp: 137135
Ion Ratio Lower Upper
82 100
128 41.1 33.2 49.8
54 64.7 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:164 Resp: 49777
Ion Ratio Lower Upper
164 100
162 94.4 79.6 119.4
160 44.2 34.0 51.0

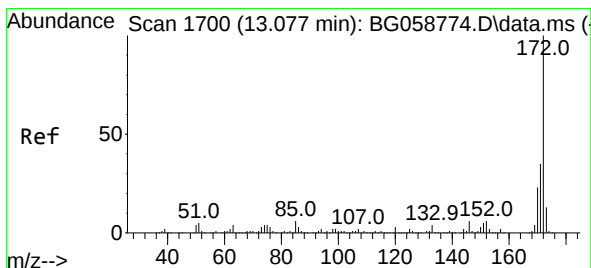
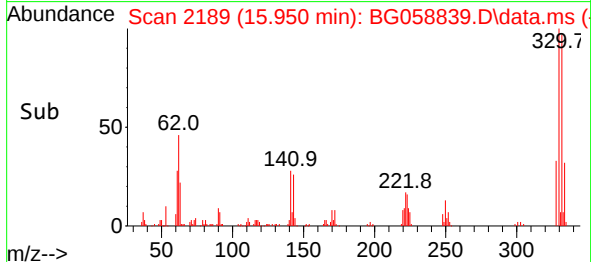
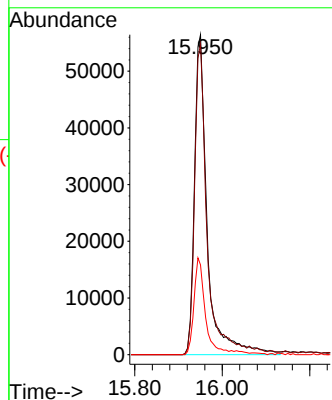
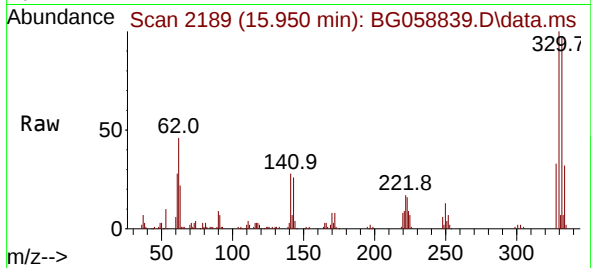




#42
2,4,6-Tribromophenol
Concen: 147.710 ng
RT: 15.950 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

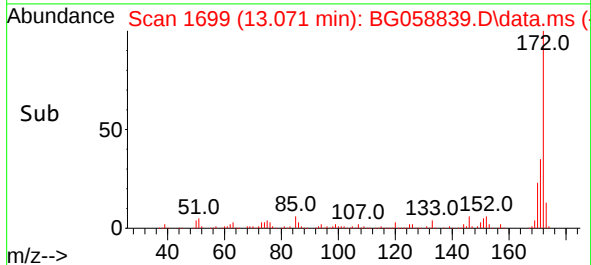
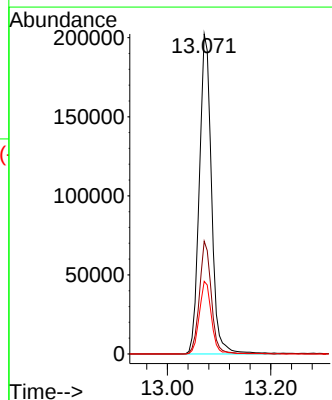
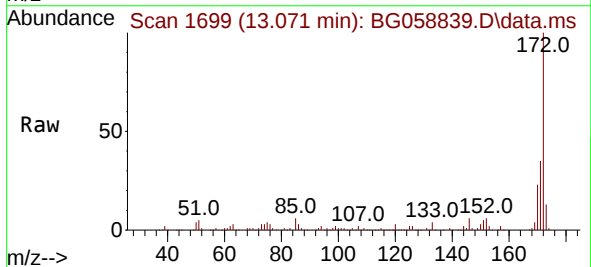
Instrument :
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ClientSampleId :
TP-L

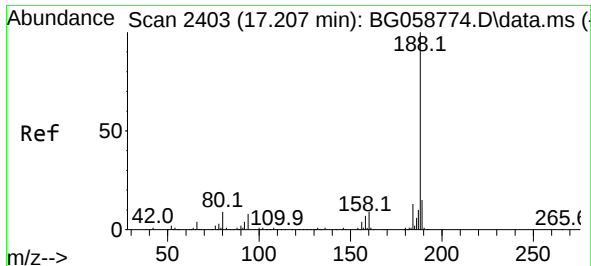
Tgt Ion:330 Resp: 115287
Ion Ratio Lower Upper
330 100
332 95.2 78.5 117.7
141 27.7 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 96.647 ng
RT: 13.071 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:172 Resp: 330762
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 22.7 18.6 27.8

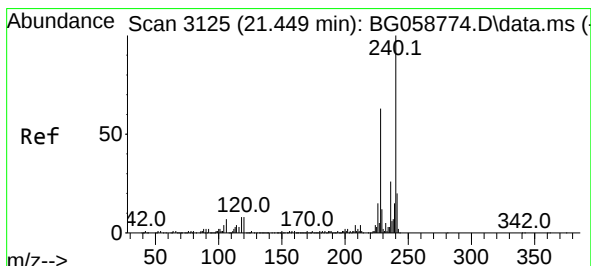
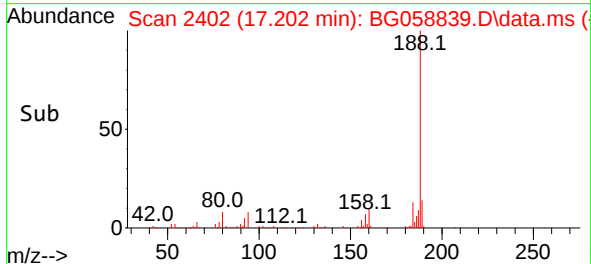
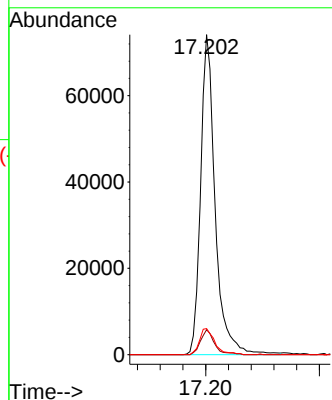
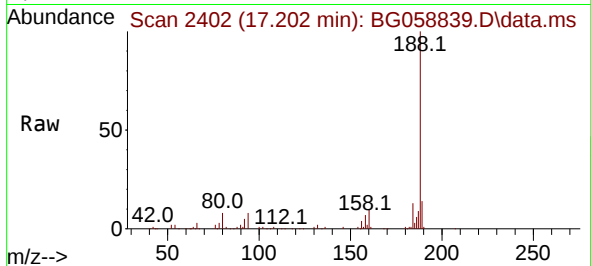




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

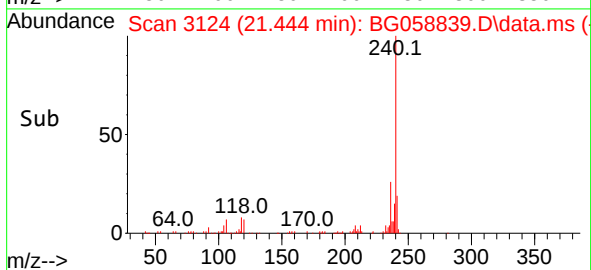
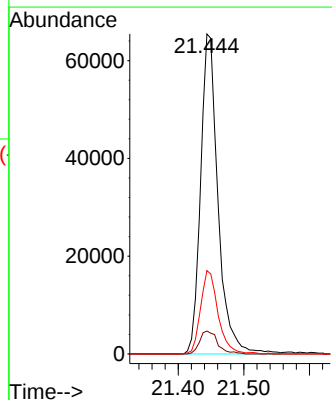
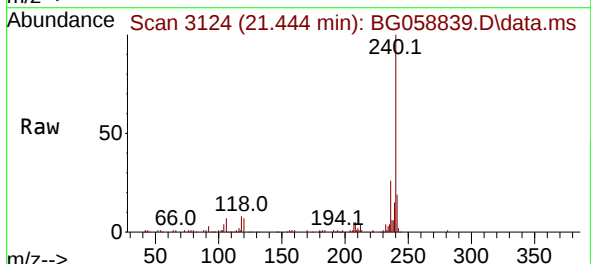
Instrument :
BNA_G
ClientSampleId :
TP-L

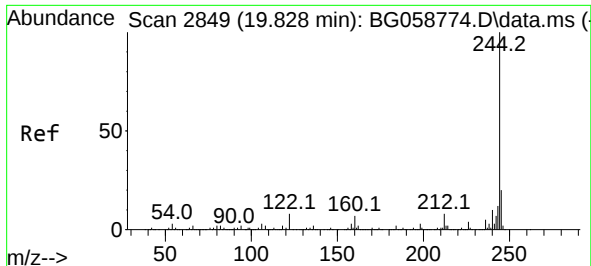
Tgt Ion:188 Resp: 131656
Ion Ratio Lower Upper
188 100
94 7.8 6.1 9.1
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:240 Resp: 121004
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.2
236 26.1 20.5 30.7

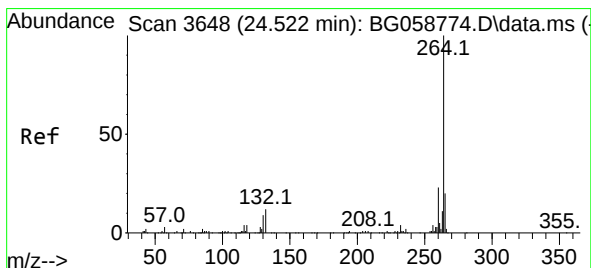
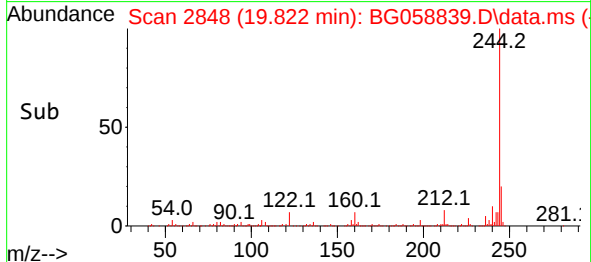
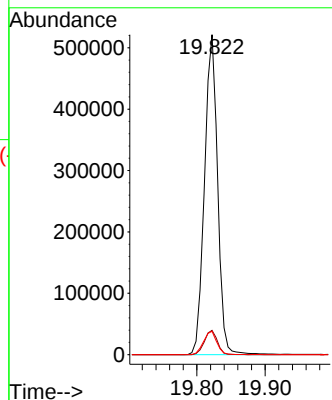
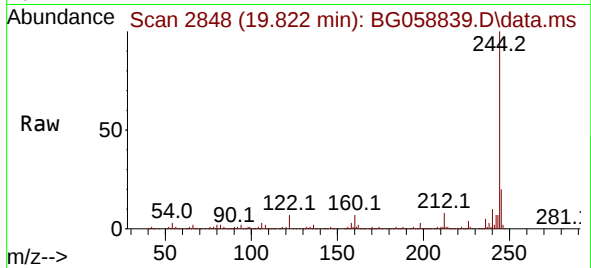




#79
 Terphenyl-d14
 Concen: 103.444 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058839.D
 Acq: 24 Aug 2023 15:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-L

Tgt Ion:244 Resp: 697103
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.3 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.000 min
 Lab File: BG058839.D
 Acq: 24 Aug 2023 15:16

Tgt Ion:264 Resp: 143022
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 21.5 16.4 24.6

