

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058768.D
 Acq On : 17 Aug 2023 18:44
 Operator : MA/JU
 Sample : 04043-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E-4

Quant Time: Aug 18 01:53:37 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	7.807	152	19605	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	84148	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	64548	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	172022	20.000	ng	0.00
76) Chrysene-d12	21.450	240	158535	20.000	ng	0.00
86) Perylene-d12	24.529	264	182695	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	191639	149.407	ng	0.00
7) Phenol-d6	6.985	99	243130	136.222	ng	0.00
23) Nitrobenzene-d5	8.976	82	172408	100.651	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	131932	124.701	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	413184	95.928	ng	0.00
79) Terphenyl-d14	19.823	244	864930	102.597	ng	0.00

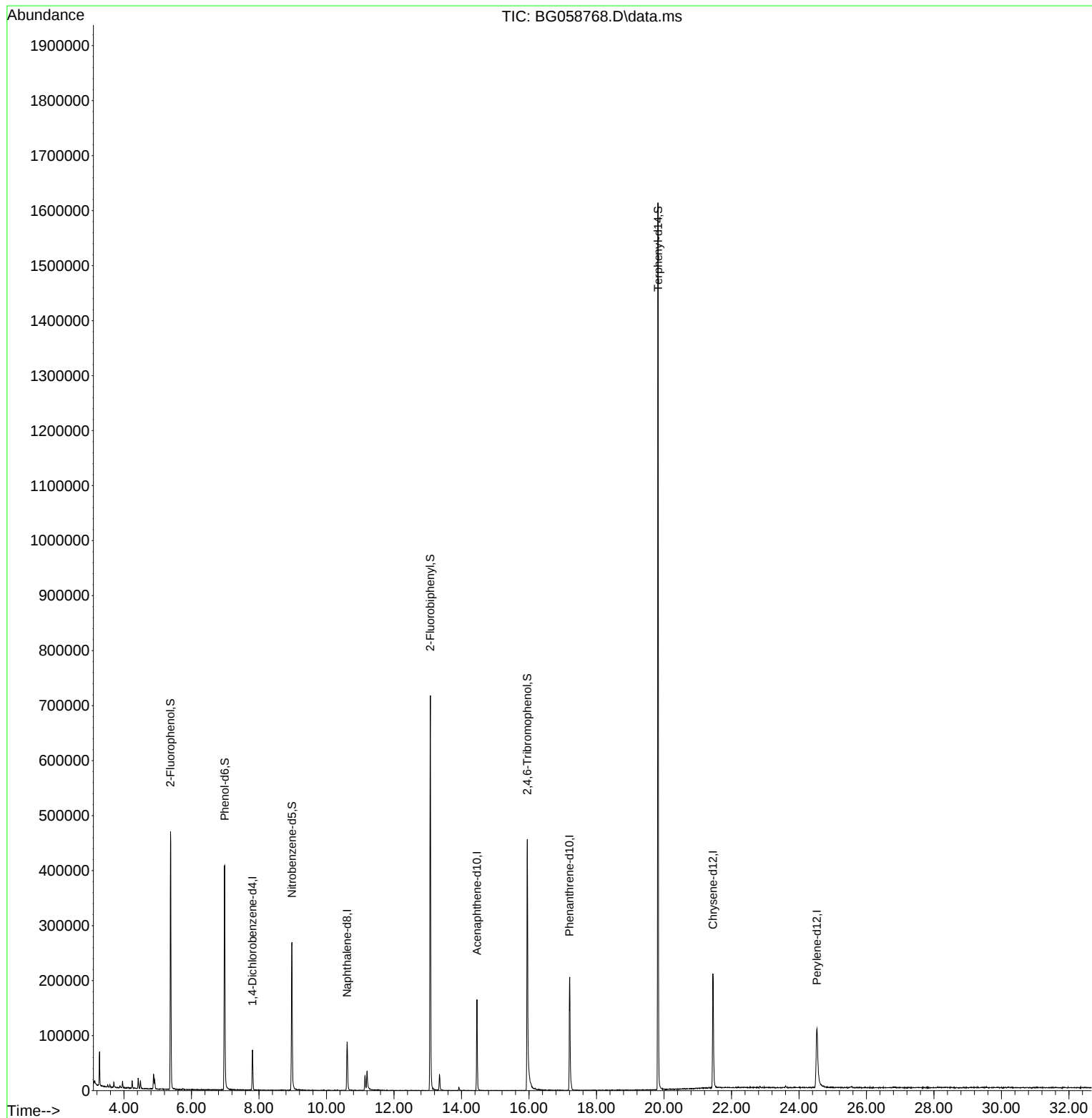
Target Compounds	Qvalue

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

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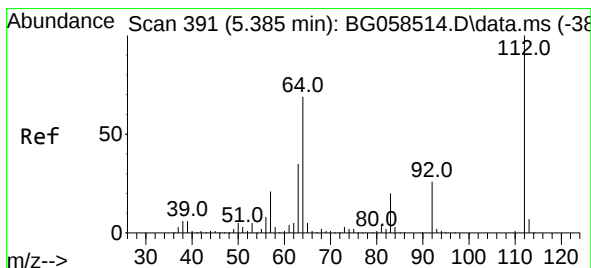
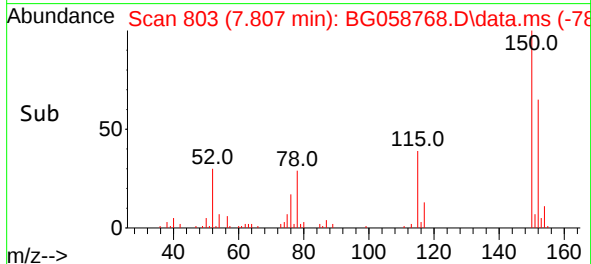
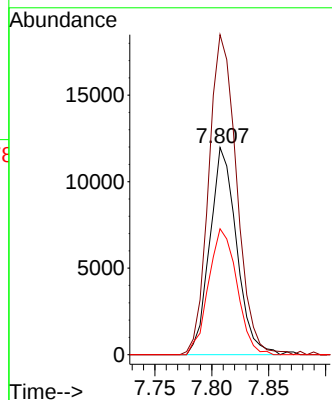
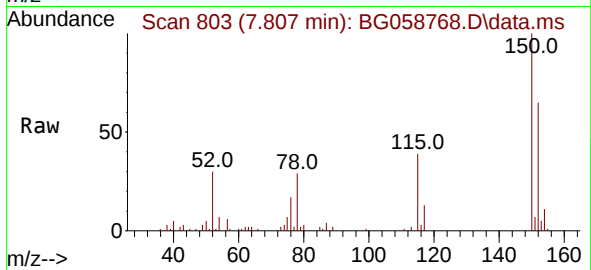




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058768.D
Acq: 17 Aug 2023 18:44

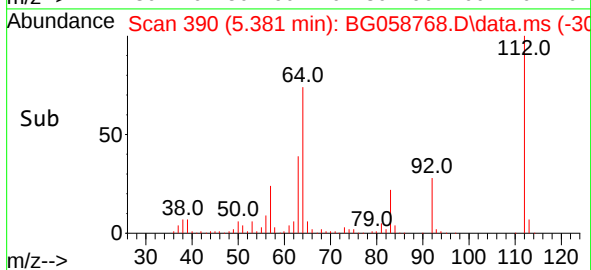
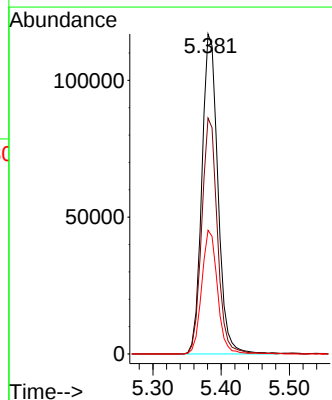
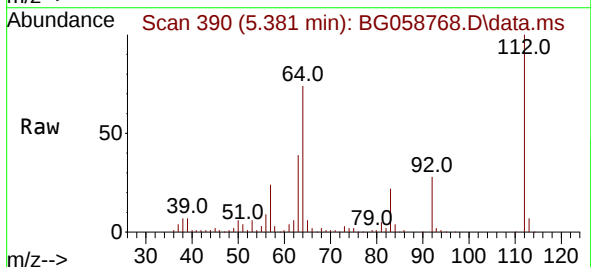
Instrument :
BNA_G
ClientSampleId :
E-4

Tgt Ion:152 Resp: 19605
Ion Ratio Lower Upper
152 100
150 154.5 120.5 180.7
115 60.8 45.9 68.9



#5
2-Fluorophenol
Concen: 149.407 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.004 min
Lab File: BG058768.D
Acq: 17 Aug 2023 18:44

Tgt Ion:112 Resp: 191639
Ion Ratio Lower Upper
112 100
64 73.7 55.3 82.9
63 38.7 28.3 42.5

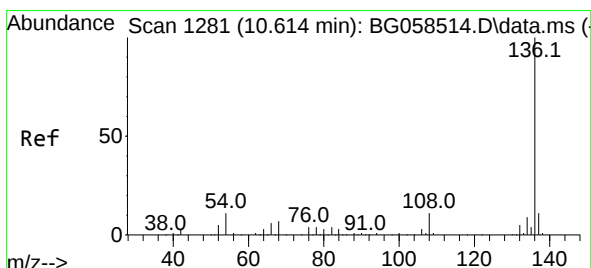
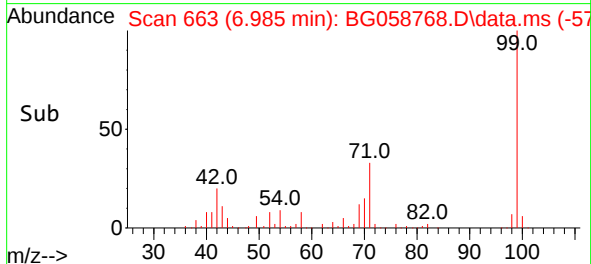
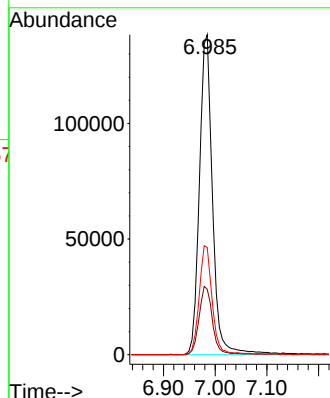
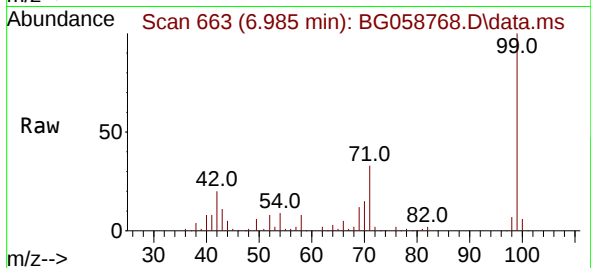




#7
Phenol-d6
Concen: 136.222 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058768.D
Acq: 17 Aug 2023 18:44

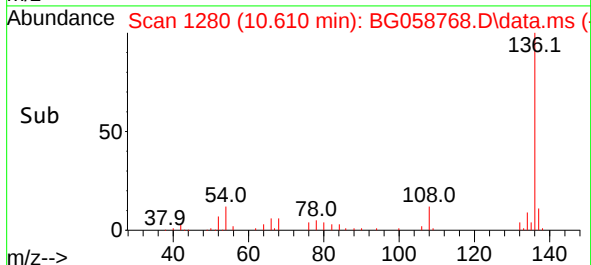
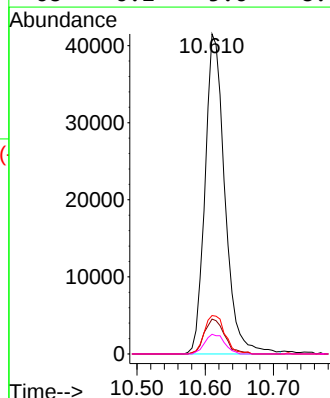
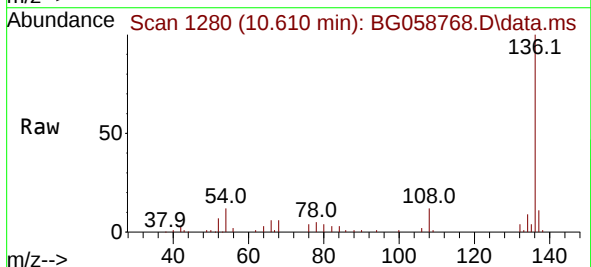
Instrument :
BNA_G
ClientSampleId :
E-4

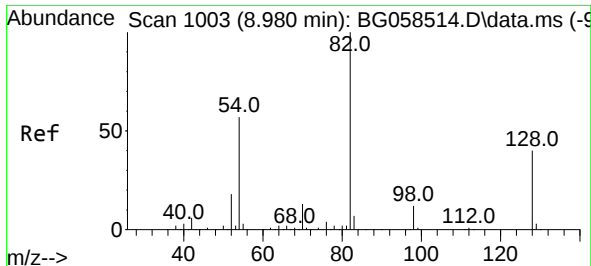
Tgt Ion: 99 Resp: 243130
Ion Ratio Lower Upper
99 100
42 20.5 14.6 21.8
71 33.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1280
Delta R.T. -0.004 min
Lab File: BG058768.D
Acq: 17 Aug 2023 18:44

Tgt Ion: 136 Resp: 84148
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.0 8.9 13.3
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 100.651 ng

RT: 8.976 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058768.D

Acq: 17 Aug 2023 18:44

Instrument :

BNA_G

ClientSampleId :

E-4

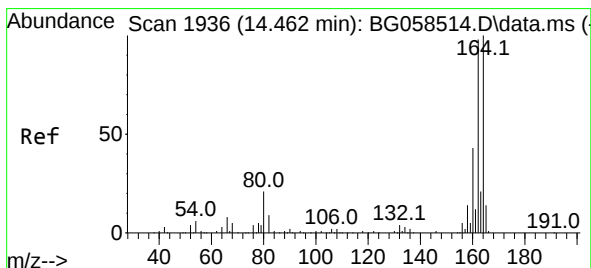
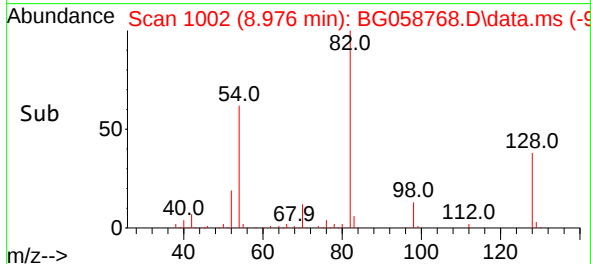
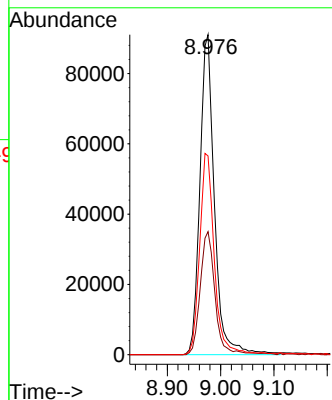
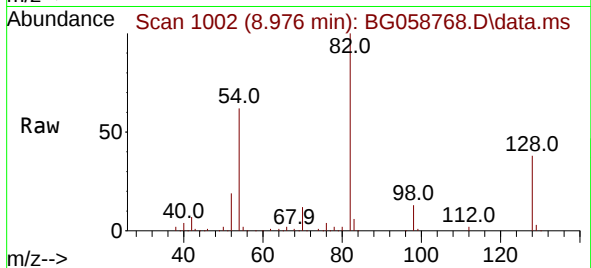
Tgt Ion: 82 Resp: 172408

Ion Ratio Lower Upper

82 100

128 38.4 32.2 48.2

54 62.1 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: BG058768.D

Acq: 17 Aug 2023 18:44

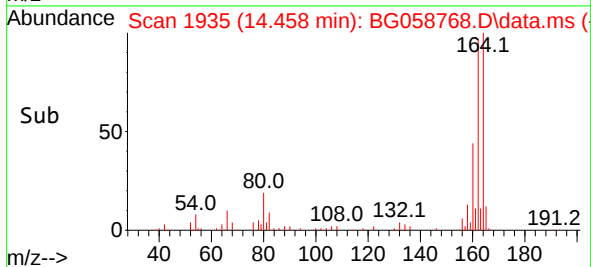
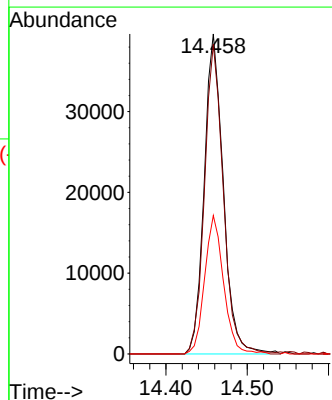
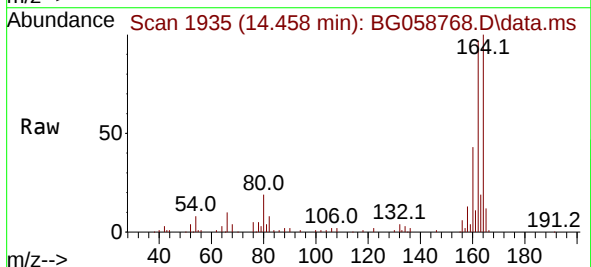
Tgt Ion:164 Resp: 64548

Ion Ratio Lower Upper

164 100

162 96.8 78.3 117.5

160 43.2 34.1 51.1

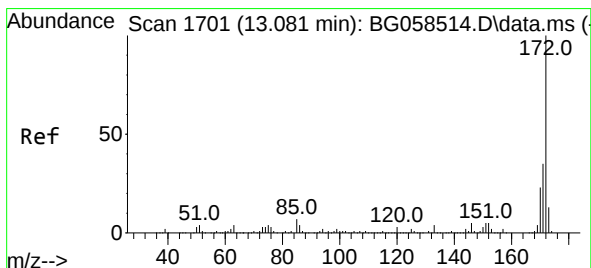
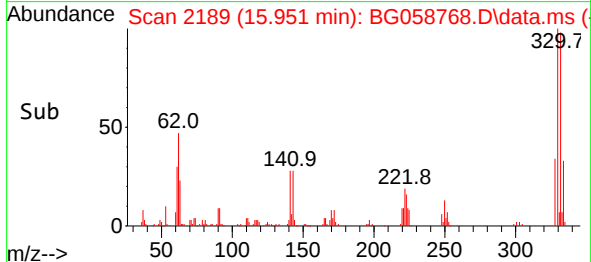
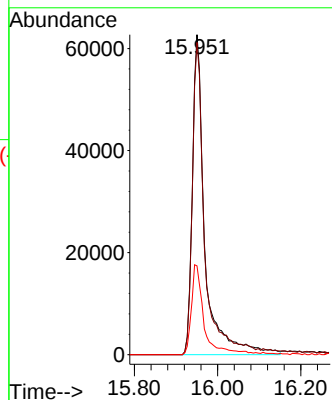
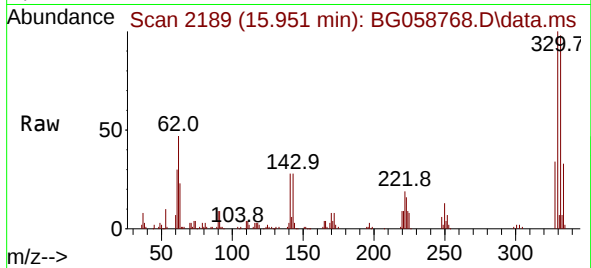




#42
2,4,6-Tribromophenol
Concen: 124.701 ng
RT: 15.951 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG058768.D
Acq: 17 Aug 2023 18:44

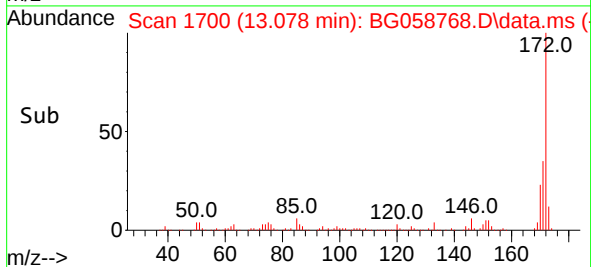
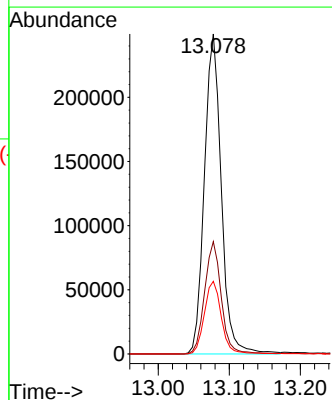
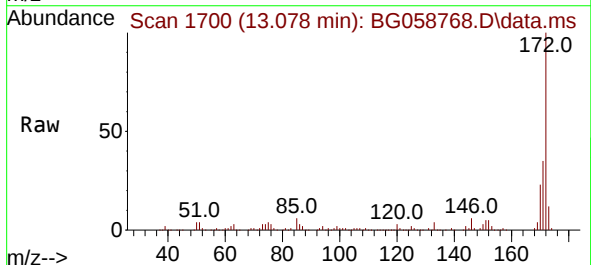
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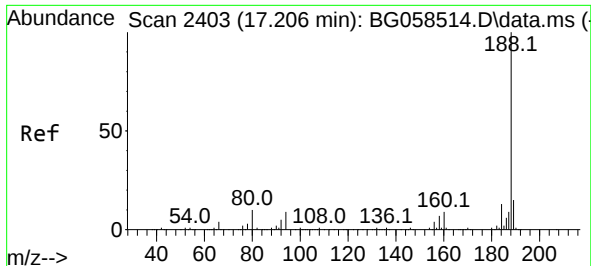
Tgt Ion:330 Resp: 131932
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 28.4 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 95.928 ng
RT: 13.078 min Scan# 1700
Delta R.T. -0.004 min
Lab File: BG058768.D
Acq: 17 Aug 2023 18:44

Tgt Ion:172 Resp: 413184
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 22.7 18.4 27.6

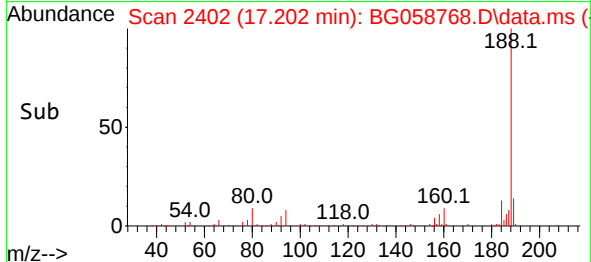
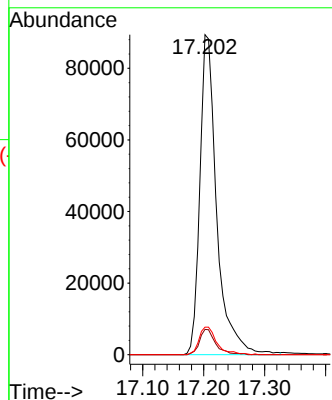
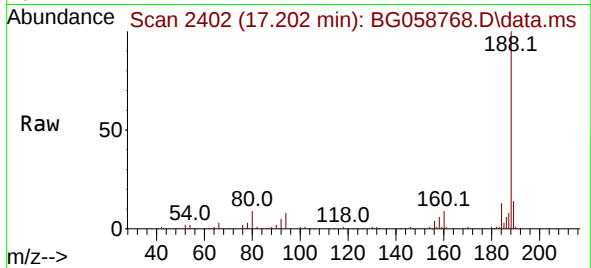




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2403
Delta R.T. -0.004 min
Lab File: BG058768.D
Acq: 17 Aug 2023 18:44

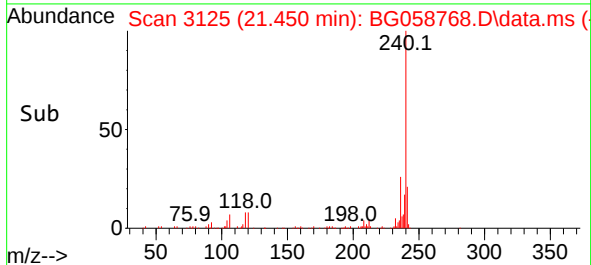
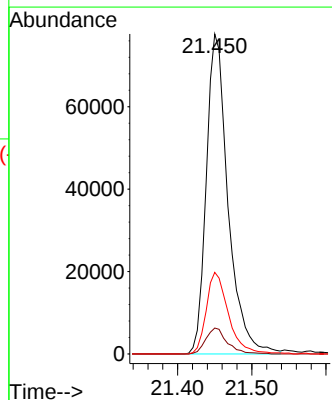
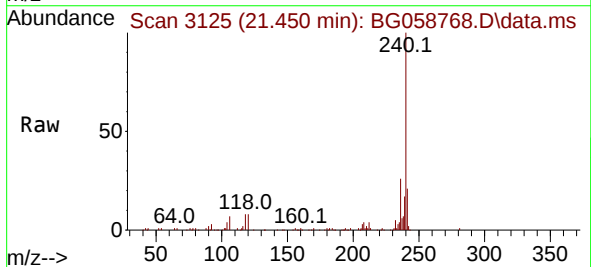
Instrument :
BNA_G
ClientSampleId :
E-4

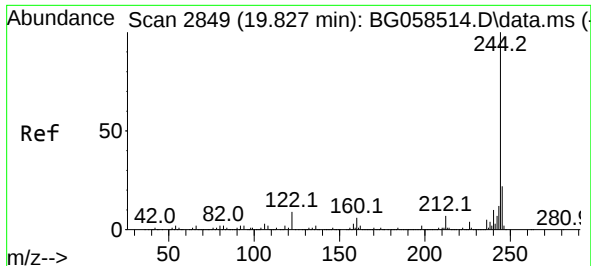
Tgt Ion:188 Resp: 172022
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058768.D
Acq: 17 Aug 2023 18:44

Tgt Ion:240 Resp: 158535
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 25.5 22.2 33.4

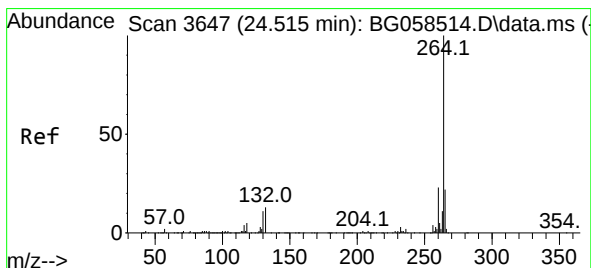
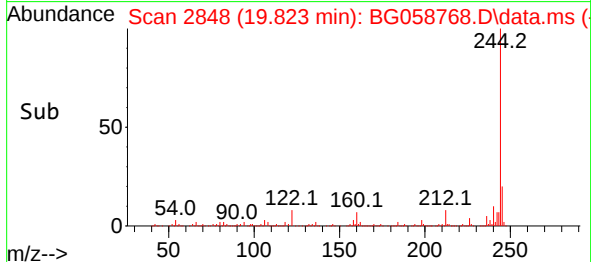
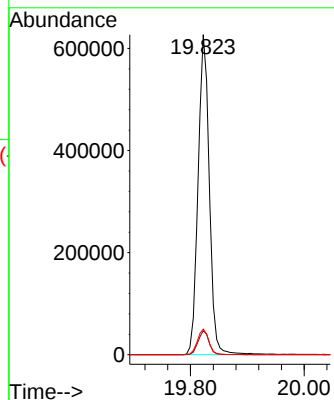
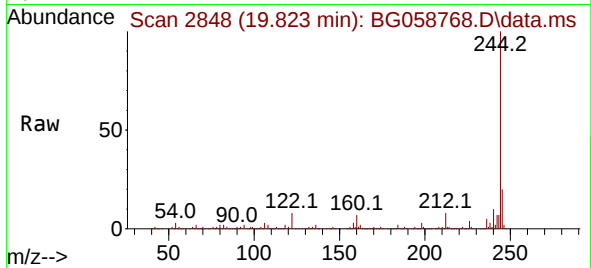




#79
 Terphenyl-d14
 Concen: 102.597 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058768.D
 Acq: 17 Aug 2023 18:44

Instrument :
 BNA_G
 ClientSampleId :
 E-4

Tgt Ion:244 Resp: 864930
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.529 min Scan# 3649
 Delta R.T. 0.014 min
 Lab File: BG058768.D
 Acq: 17 Aug 2023 18:44

Tgt Ion:264 Resp: 182695
 Ion Ratio Lower Upper
 264 100
 260 20.8 18.4 27.6
 265 19.7 17.9 26.9

