

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
Data File : BG058755.D
Acq On : 17 Aug 2023 9:50
Operator : MA/JU
Sample : PB154864BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB154864BL

Quant Time: Aug 18 01:49:45 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	25320	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	109665	20.000	ng	# 0.00
39) Acenaphthene-d10	14.458	164	82088	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	223942	20.000	ng	0.00
76) Chrysene-d12	21.449	240	207083	20.000	ng	0.00
86) Perylene-d12	24.528	264	242383	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	241192	145.597	ng	0.00
7) Phenol-d6	6.984	99	325017	140.999	ng	0.00
23) Nitrobenzene-d5	8.976	82	201767	90.383	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	173109	128.660	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	494581	90.290	ng	0.00
79) Terphenyl-d14	19.828	244	1031187	93.642	ng	0.00

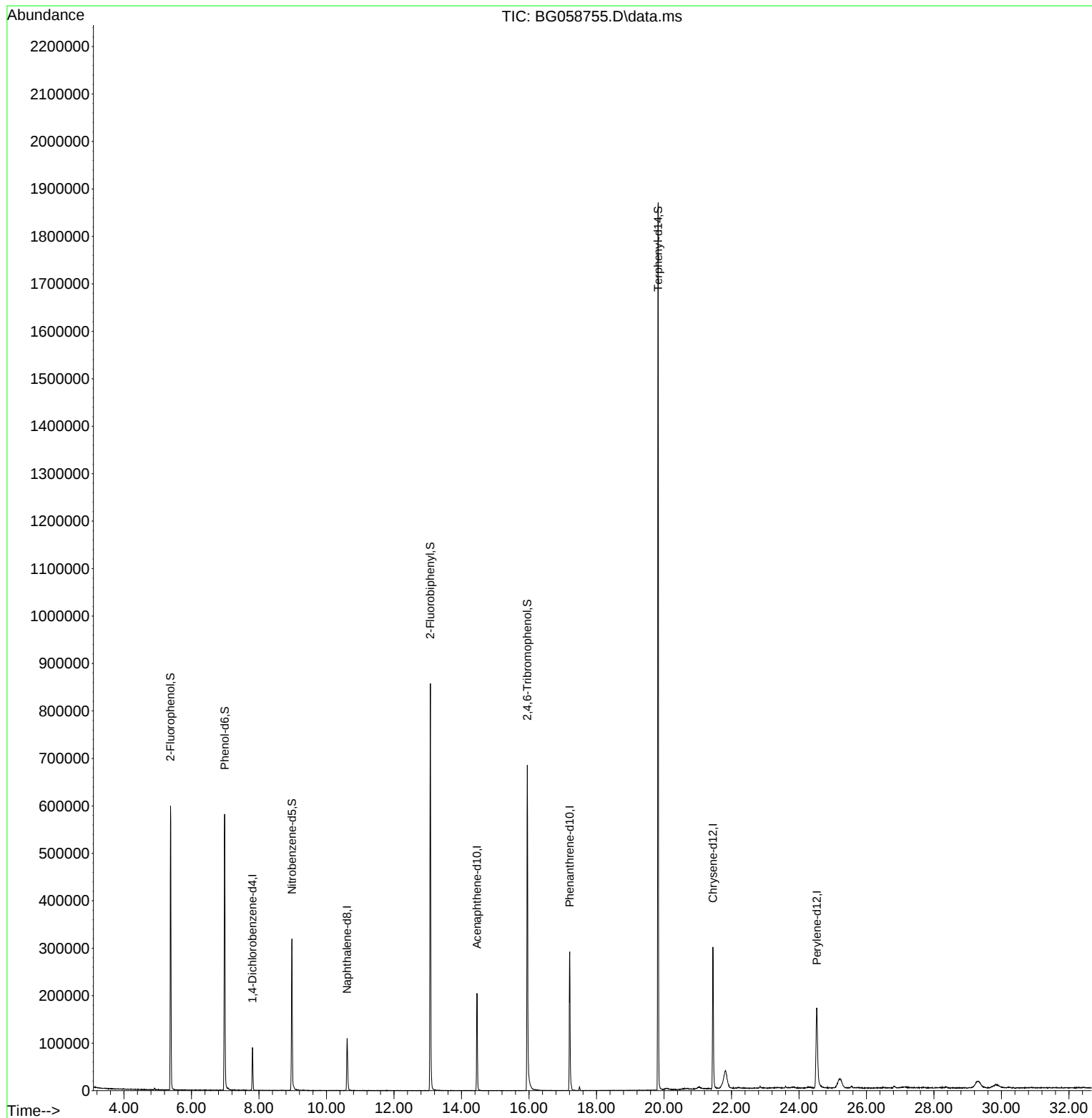
Target Compounds	Qvalue

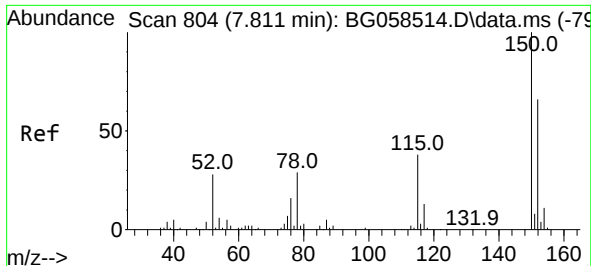
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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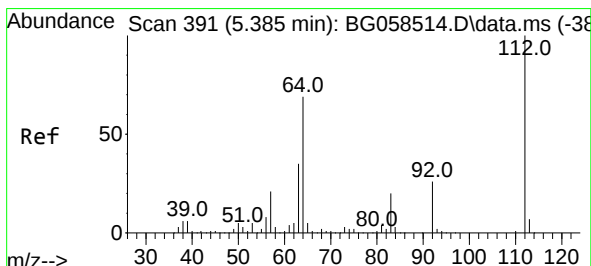
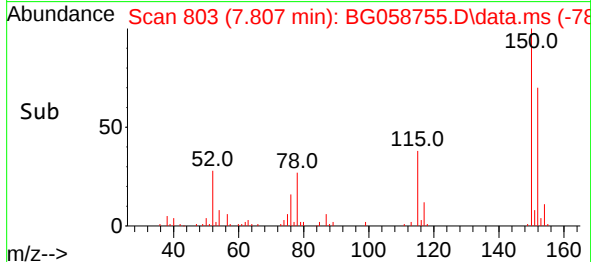
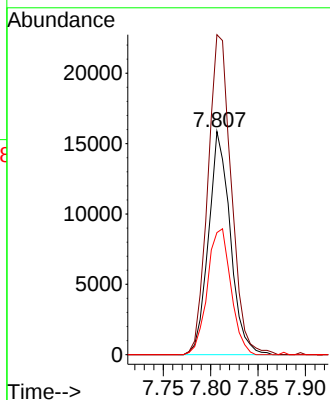
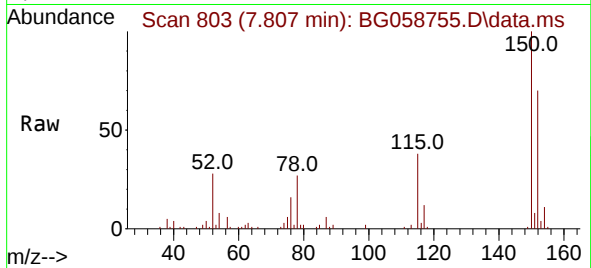




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

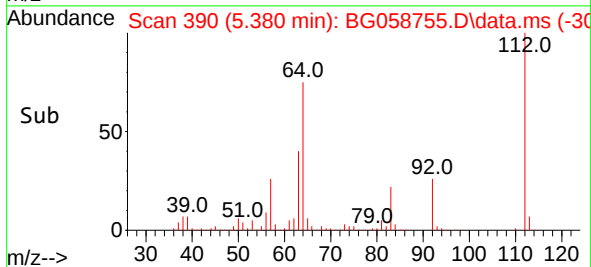
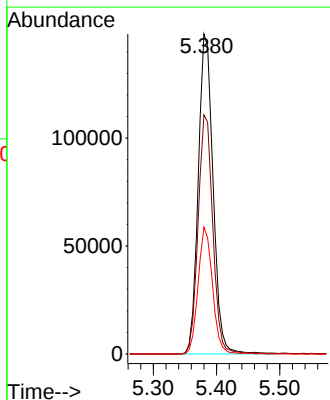
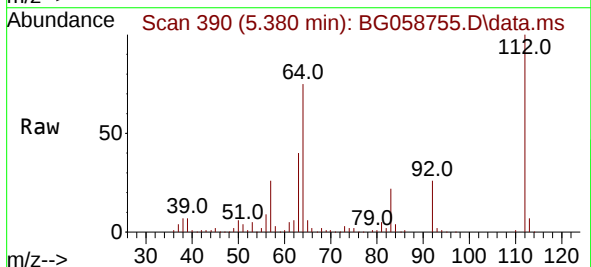
Instrument :
BNA_G
ClientSampleId :
PB154864BL

Tgt Ion:152 Resp: 25320
Ion Ratio Lower Upper
152 100
150 143.4 120.5 180.7
115 54.7 45.9 68.9



#5
2-Fluorophenol
Concen: 145.597 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Tgt Ion:112 Resp: 241192
Ion Ratio Lower Upper
112 100
64 74.7 55.3 82.9
63 39.6 28.3 42.5

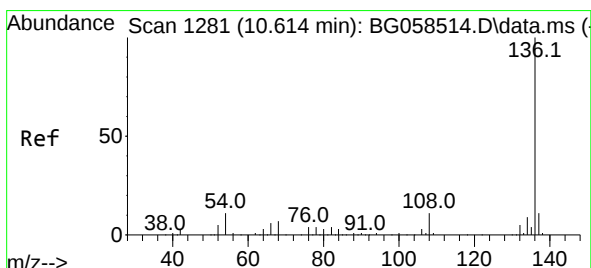
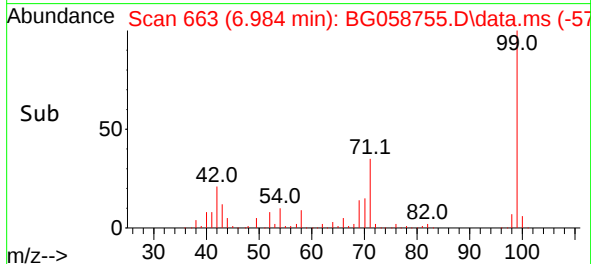
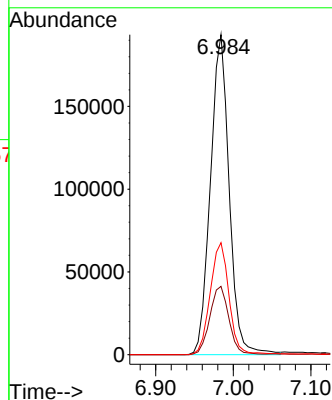
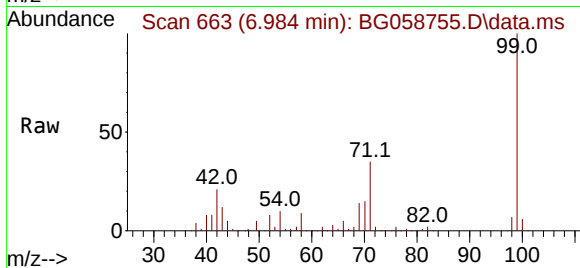




#7
Phenol-d6
Concen: 140.999 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

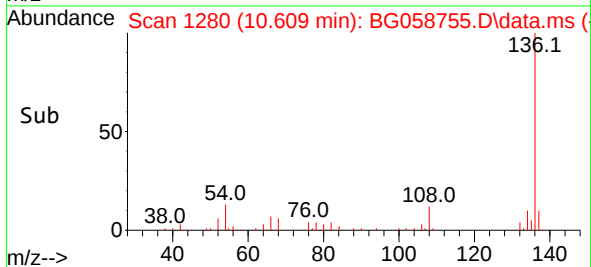
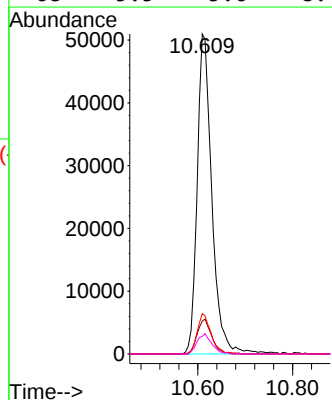
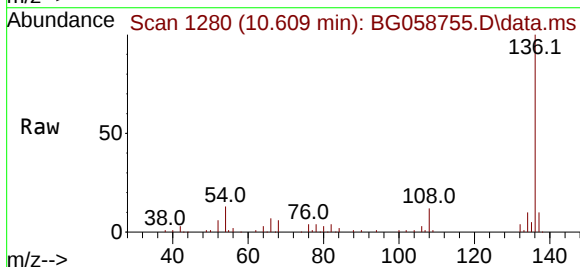
Instrument :
BNA_G
ClientSampleId :
PB154864BL

Tgt Ion: 99 Resp: 325017
Ion Ratio Lower Upper
99 100
42 21.3 14.6 21.8
71 35.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.005 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Tgt Ion: 136 Resp: 109665
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 12.6 8.9 13.3
68 5.5 5.6 8.4#

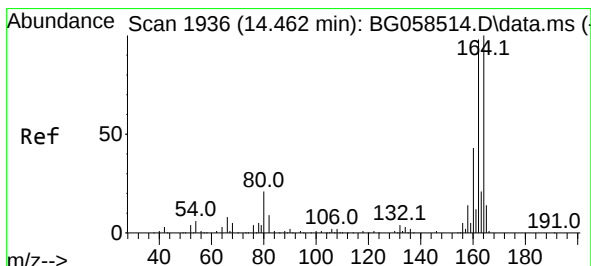
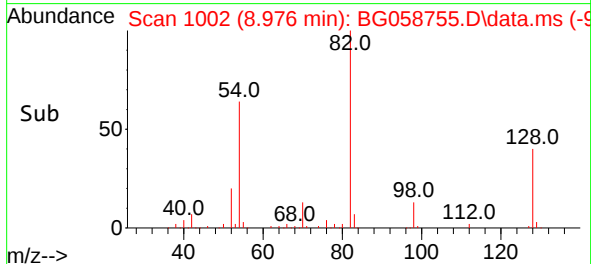
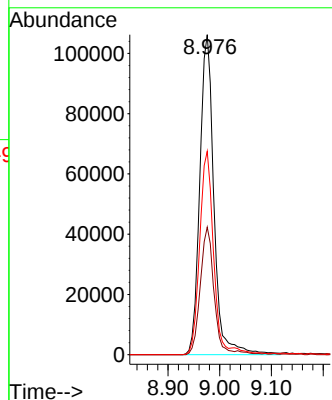
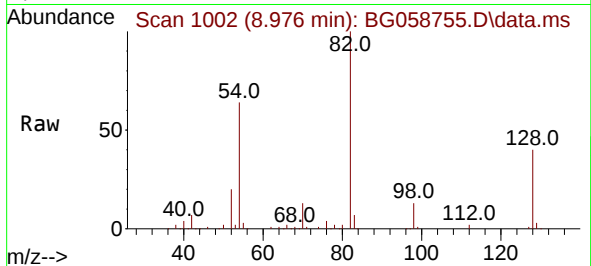




#23
Nitrobenzene-d5
Concen: 90.383 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

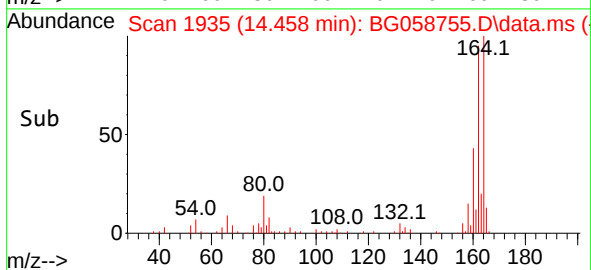
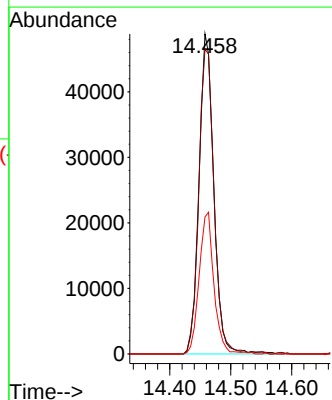
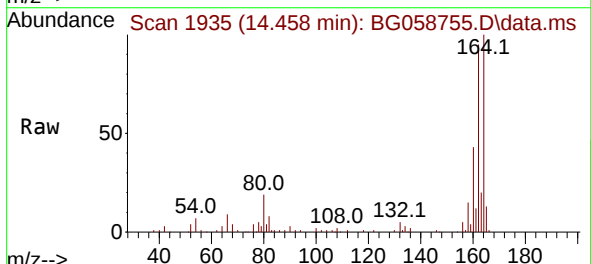
Instrument :
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ClientSampleId :
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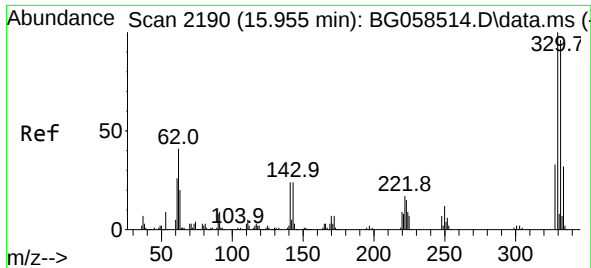
Tgt Ion: 82 Resp: 201767
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 63.6 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058755.D
Acq: 17 Aug 2023 9:50

Tgt Ion:164 Resp: 82088
Ion Ratio Lower Upper
164 100
162 95.3 78.3 117.5
160 42.8 34.1 51.1

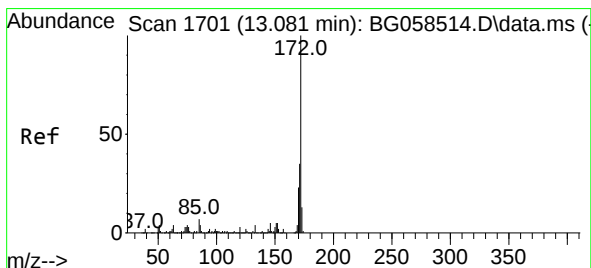
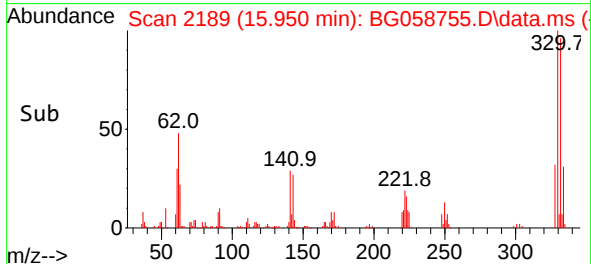
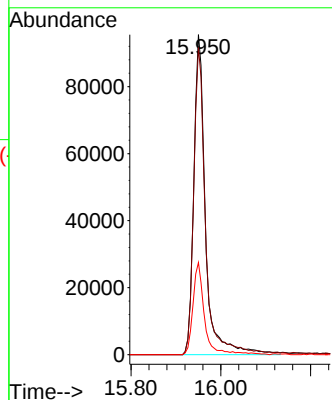
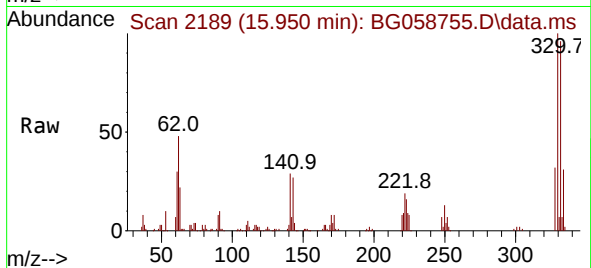




#42
 2,4,6-Tribromophenol
 Concen: 128.660 ng
 RT: 15.950 min Scan# 2190
 Delta R.T. -0.005 min
 Lab File: BG058755.D
 Acq: 17 Aug 2023 9:50

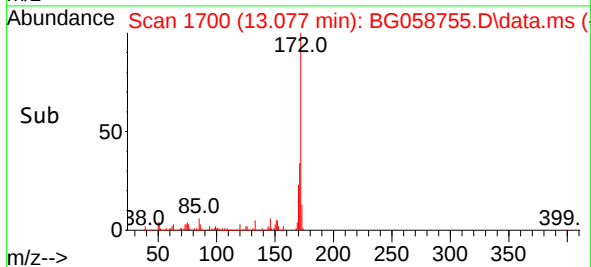
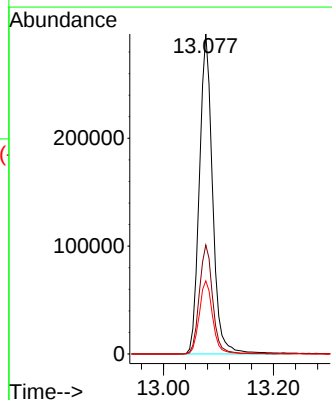
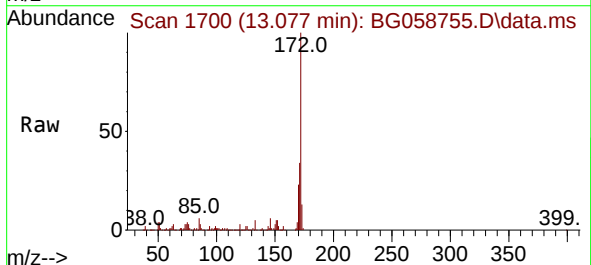
Instrument :
 BNA_G
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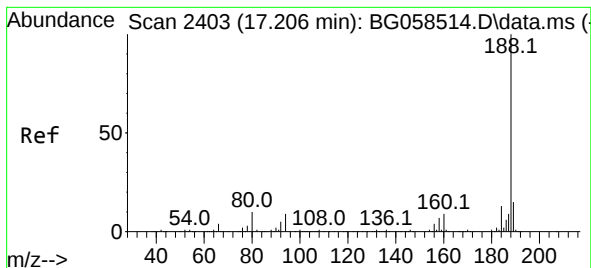
Tgt Ion:330 Resp: 173109
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.5 116.3
 141 28.4 20.7 31.1



#45
 2-Fluorobiphenyl
 Concen: 90.290 ng
 RT: 13.077 min Scan# 1700
 Delta R.T. -0.005 min
 Lab File: BG058755.D
 Acq: 17 Aug 2023 9:50

Tgt Ion:172 Resp: 494581
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.0 42.0
 170 22.9 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058755.D

Acq: 17 Aug 2023 9:50

Instrument :

BNA_G

ClientSampleId :

PB154864BL

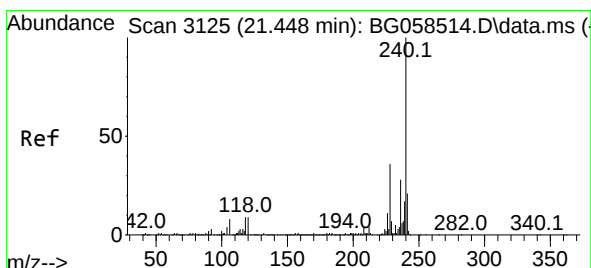
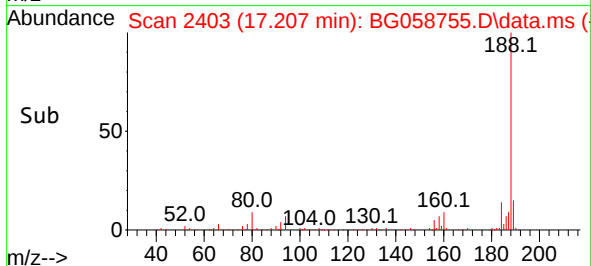
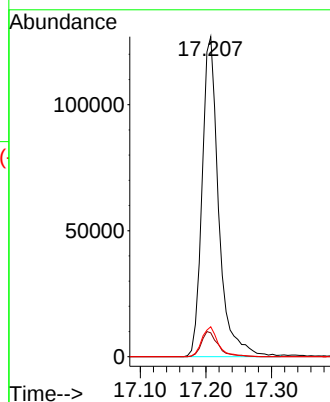
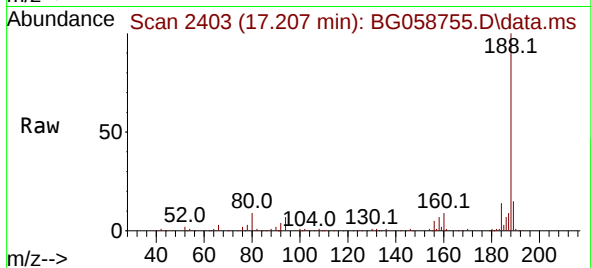
Tgt Ion:188 Resp: 223942

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

80 9.3 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. 0.001 min

Lab File: BG058755.D

Acq: 17 Aug 2023 9:50

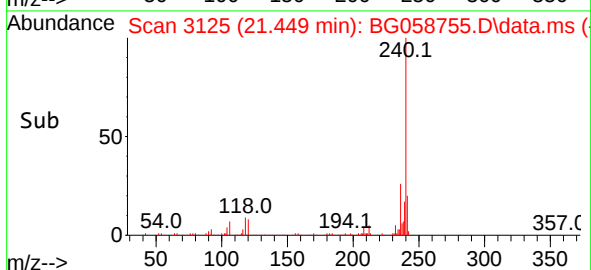
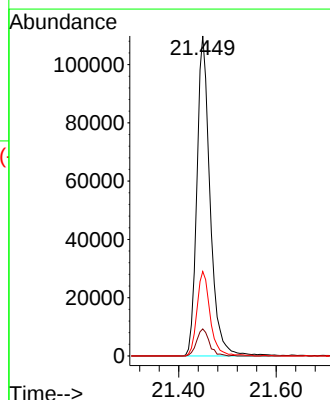
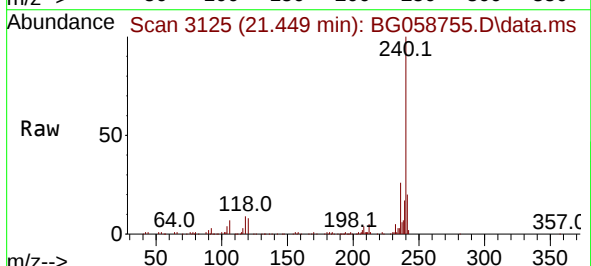
Tgt Ion:240 Resp: 207083

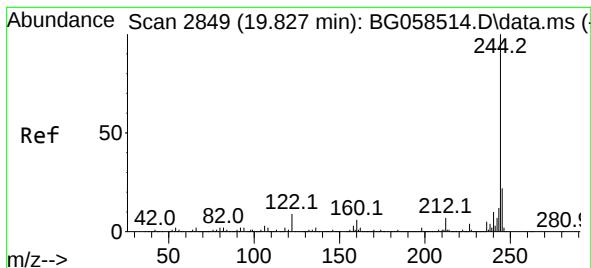
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.0

236 26.4 22.2 33.4





#79

Terphenyl-d14

Concen: 93.642 ng

RT: 19.828 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058755.D

Acq: 17 Aug 2023 9:50

Instrument :

BNA_G

ClientSampleId :

PB154864BL

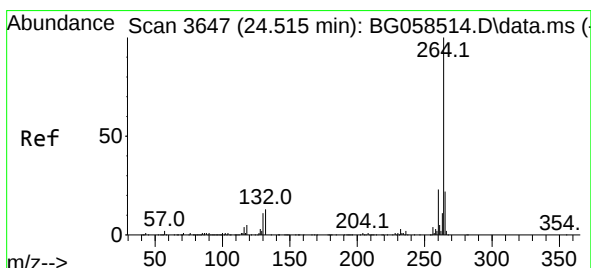
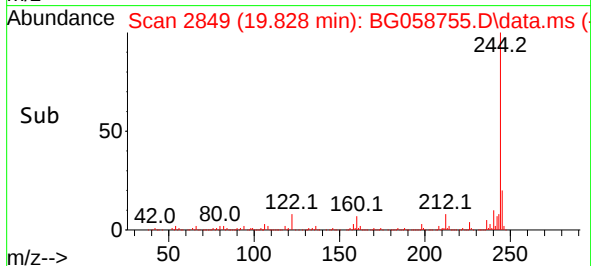
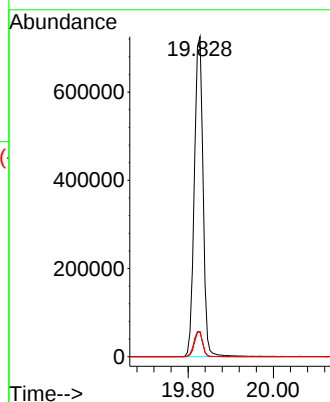
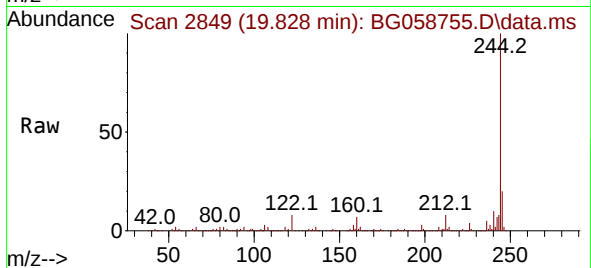
Tgt Ion:244 Resp: 1031187

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 7.8 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.528 min Scan# 3649

Delta R.T. 0.013 min

Lab File: BG058755.D

Acq: 17 Aug 2023 9:50

Tgt Ion:264 Resp: 242383

Ion Ratio Lower Upper

264 100

260 22.3 18.4 27.6

265 21.8 17.9 26.9

