

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058571.D
 Acq On : 2 Aug 2023 9:59
 Operator : MA/JU
 Sample : 03645-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP

Quant Time: Aug 02 12:45:20 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	7.811	152	54082	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	234812	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	164688	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	370089	20.000	ng	0.00
76) Chrysene-d12	21.448	240	322252	20.000	ng	0.00
86) Perylene-d12	24.521	264	402408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	424891	120.082	ng	0.00
7) Phenol-d6	6.989	99	579545	117.709	ng	0.00
23) Nitrobenzene-d5	8.981	82	344533	72.080	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	262786	97.351	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	778631	70.852	ng	0.00
79) Terphenyl-d14	19.827	244	1310593	76.481	ng	0.00

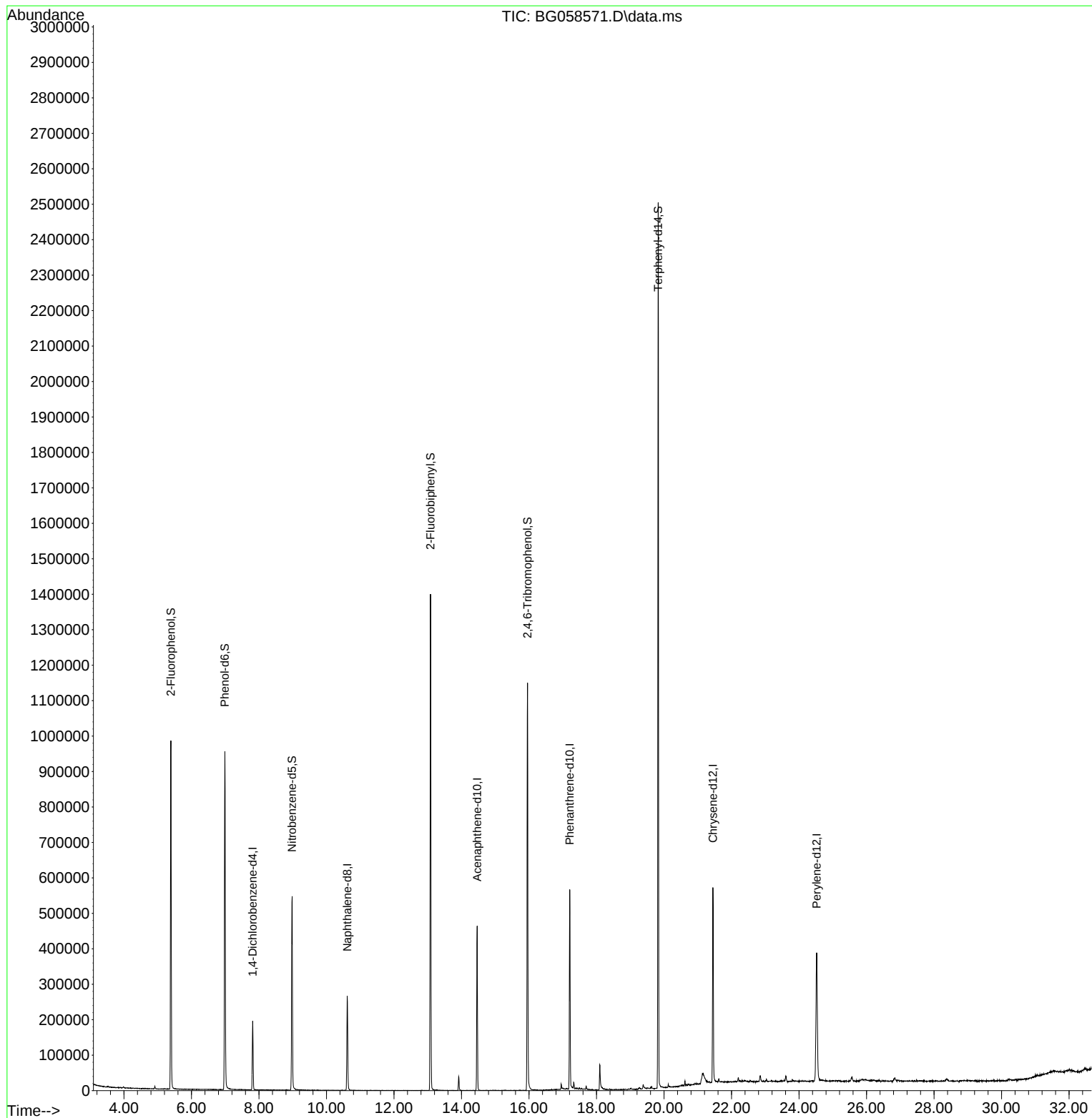
Target Compounds	Qvalue

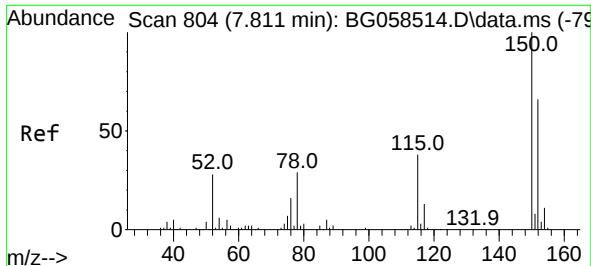
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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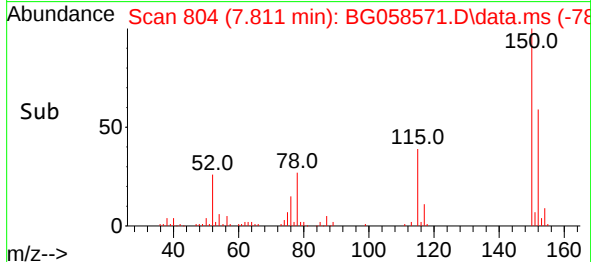
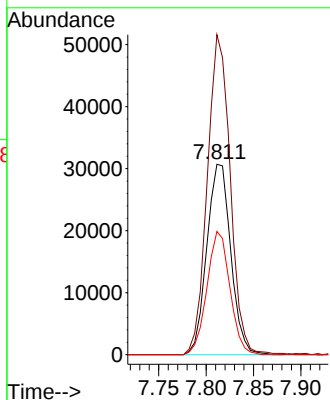
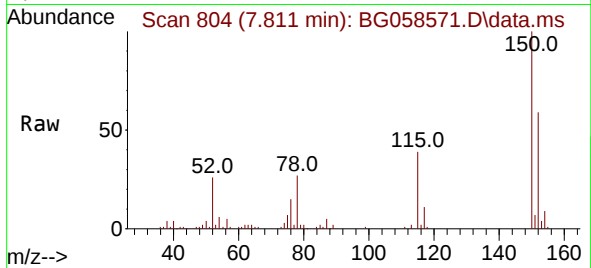




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058571.D
Acq: 2 Aug 2023 9:59

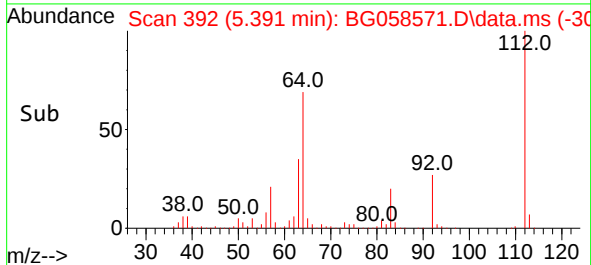
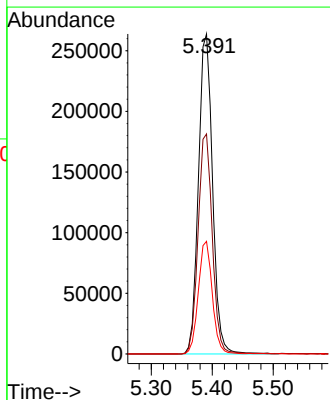
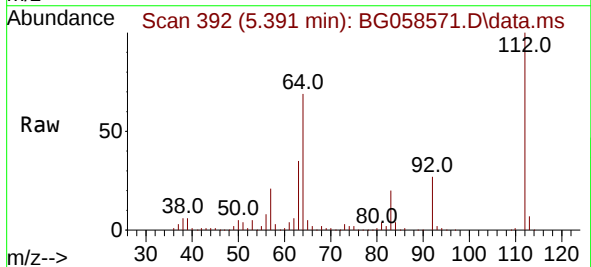
Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion:152 Resp: 54082
Ion Ratio Lower Upper
152 100
150 168.1 120.5 180.7
115 64.8 45.9 68.9



#5
2-Fluorophenol
Concen: 120.082 ng
RT: 5.391 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG058571.D
Acq: 2 Aug 2023 9:59

Tgt Ion:112 Resp: 424891
Ion Ratio Lower Upper
112 100
64 68.7 55.3 82.9
63 35.2 28.3 42.5

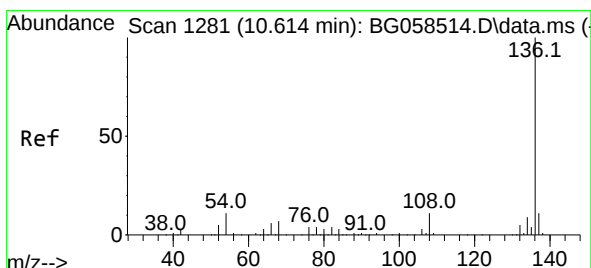
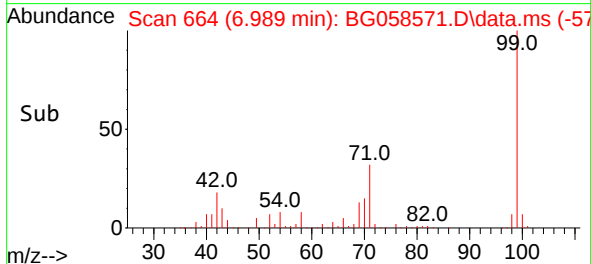
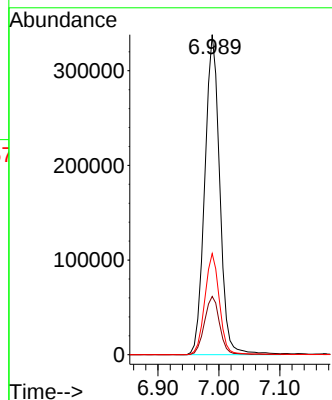
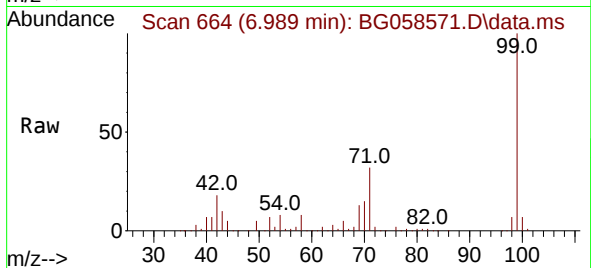




#7
Phenol-d6
Concen: 117.709 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058571.D
Acq: 2 Aug 2023 9:59

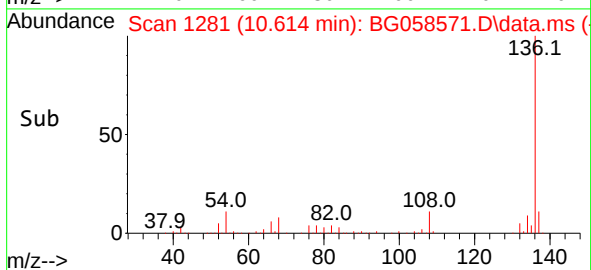
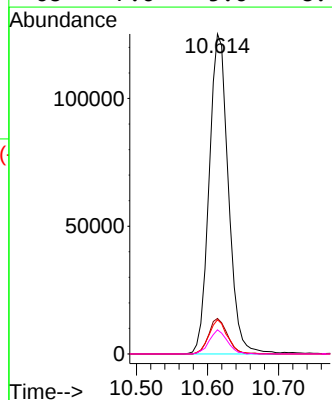
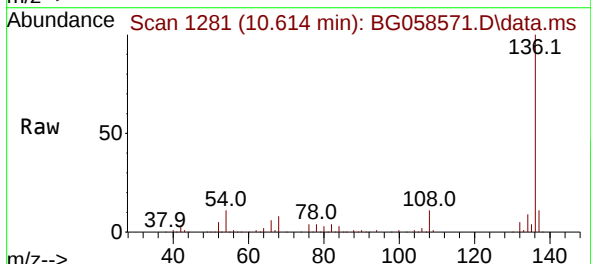
Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion: 99 Resp: 579545
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 31.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058571.D
Acq: 2 Aug 2023 9:59

Tgt Ion: 136 Resp: 234812
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.7 8.9 13.3
68 7.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 72.080 ng

RT: 8.981 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BG058571.D

Acq: 2 Aug 2023 9:59

Instrument :

BNA_G

ClientSampleId :

DUP

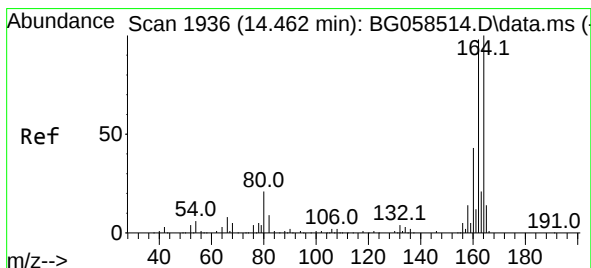
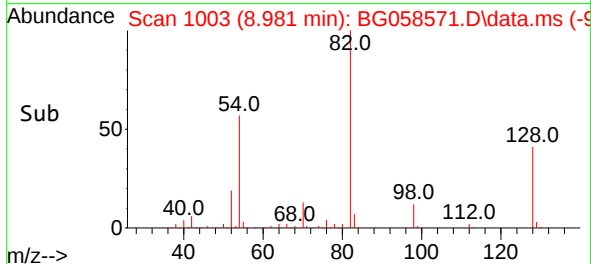
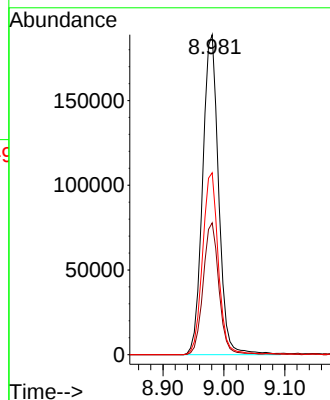
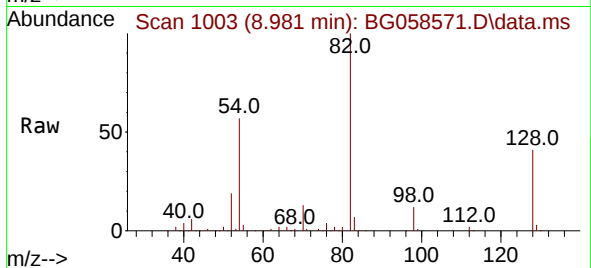
Tgt Ion: 82 Resp: 344533

Ion Ratio Lower Upper

82 100

128 41.2 32.2 48.2

54 56.8 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058571.D

Acq: 2 Aug 2023 9:59

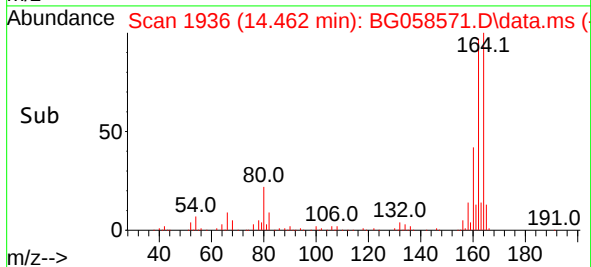
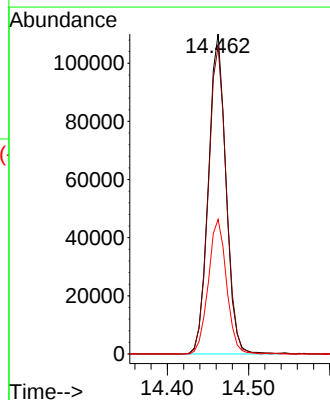
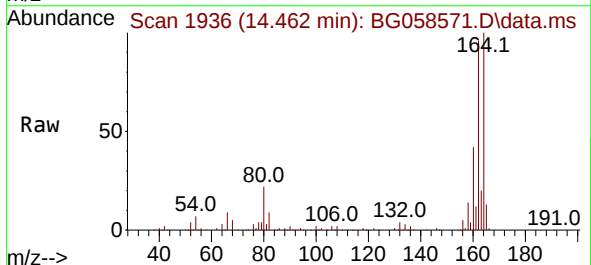
Tgt Ion:164 Resp: 164688

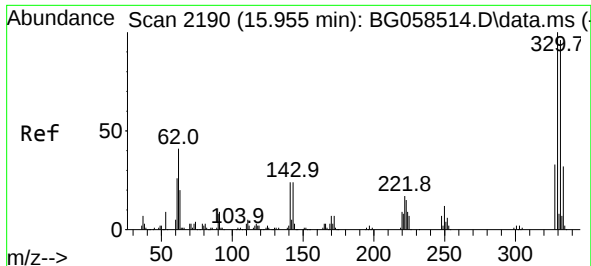
Ion Ratio Lower Upper

164 100

162 96.1 78.3 117.5

160 42.1 34.1 51.1

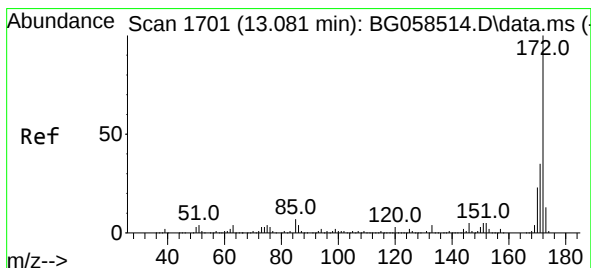
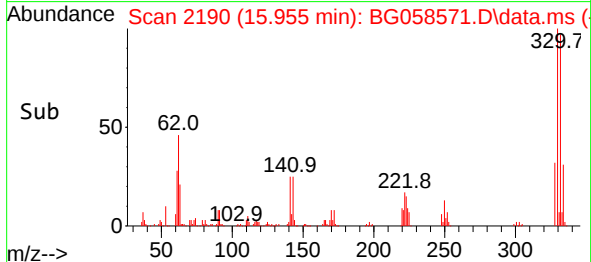
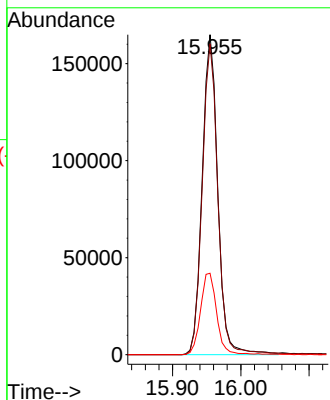
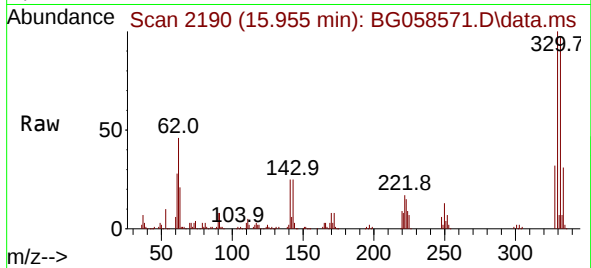




#42
2,4,6-Tribromophenol
Concen: 97.351 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058571.D
Acq: 2 Aug 2023 9:59

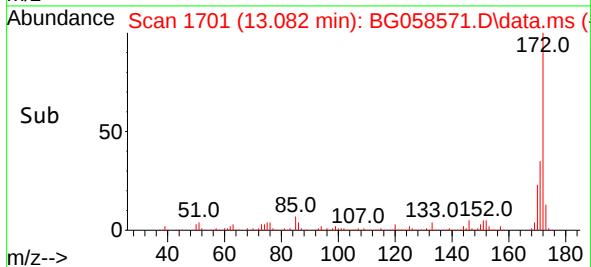
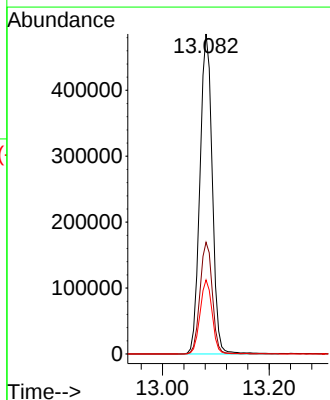
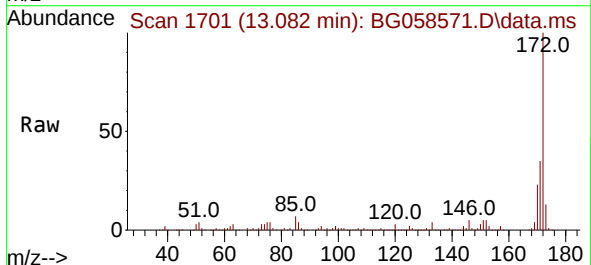
Instrument :
BNA_G
ClientSampleId :
DUP

Tgt Ion:330 Resp: 262786
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 26.2 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 70.852 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058571.D
Acq: 2 Aug 2023 9:59

Tgt Ion:172 Resp: 778631
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.2 18.4 27.6

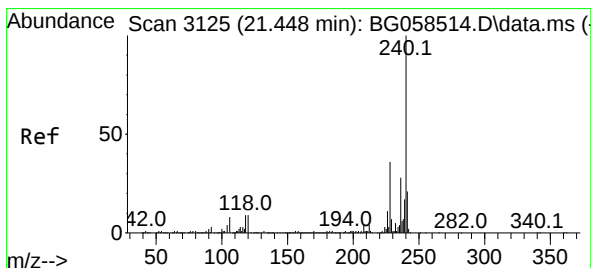
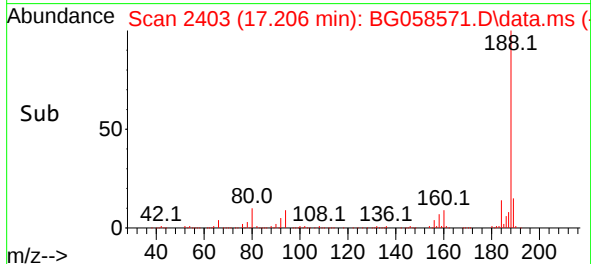
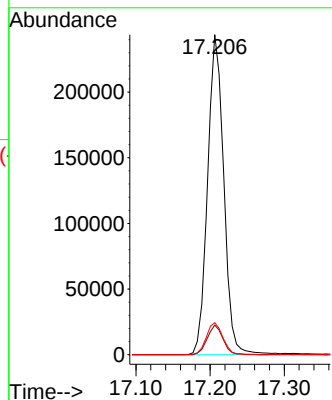
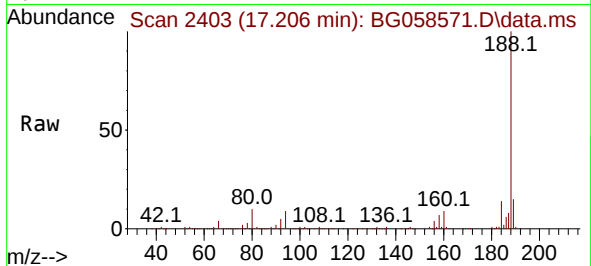




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058571.D
Acq: 2 Aug 2023 9:59

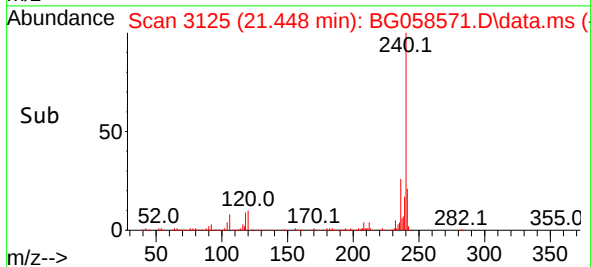
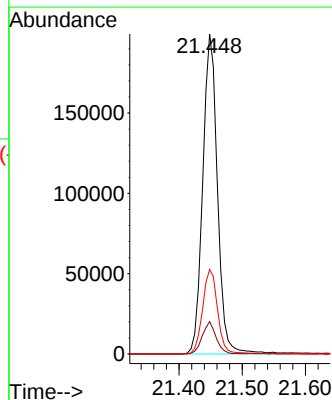
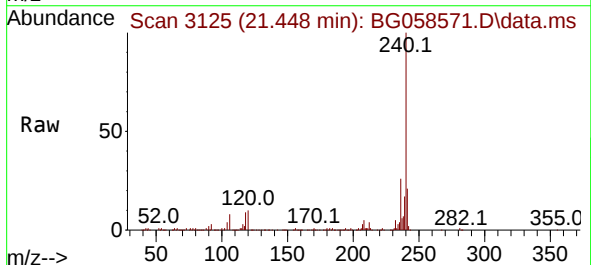
Instrument :
BNA_G
ClientSampleId :
DUP

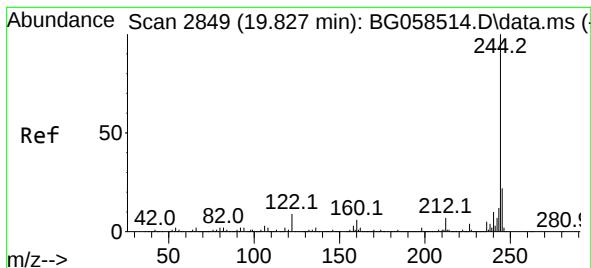
Tgt Ion:188 Resp: 370089
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058571.D
Acq: 2 Aug 2023 9:59

Tgt Ion:240 Resp: 322252
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 26.4 22.2 33.4





#79

Terphenyl-d14

Concen: 76.481 ng

RT: 19.827 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058571.D

Acq: 2 Aug 2023 9:59

Instrument :

BNA_G

ClientSampleId :

DUP

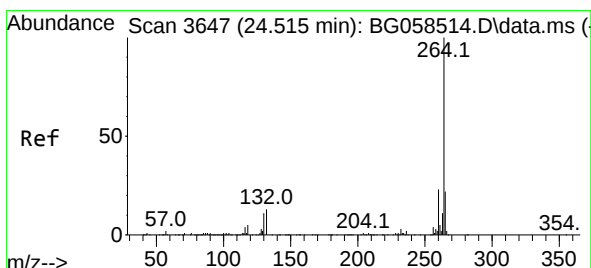
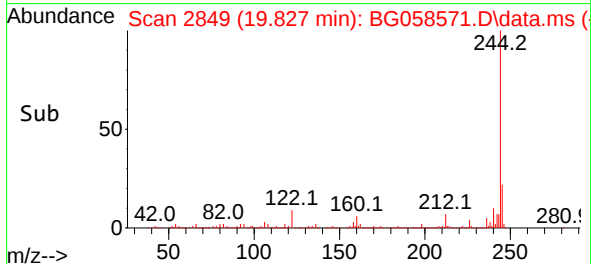
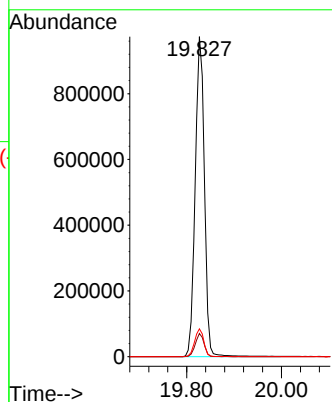
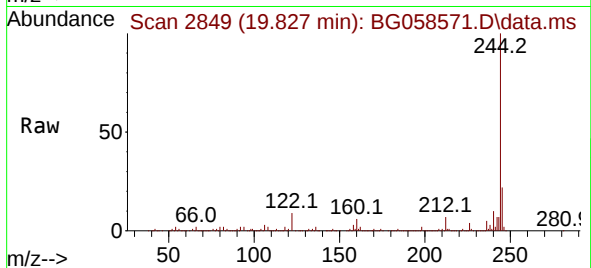
Tgt Ion:244 Resp: 1310593

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. 0.006 min

Lab File: BG058571.D

Acq: 2 Aug 2023 9:59

Tgt Ion:264 Resp: 402408

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.4 17.9 26.9

