

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057630.D
 Acq On : 31 May 2023 20:47
 Operator : CG/JU
 Sample : 02981-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Jun 01 03:57:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	22372	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	92986	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	68187	20.000	ng	0.00
64) Phenanthrene-d10	17.690	188	173066	20.000	ng	0.00
76) Chrysene-d12	21.990	240	157845	20.000	ng	-0.01
86) Perylene-d12	25.473	264	166896	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	123070	95.570	ng	0.00
7) Phenol-d6	7.486	99	183057	90.834	ng	0.00
23) Nitrobenzene-d5	9.518	82	112847	56.731	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	90033	82.471	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	268879	56.669	ng	0.00
79) Terphenyl-d14	20.257	244	536248	58.849	ng	0.00

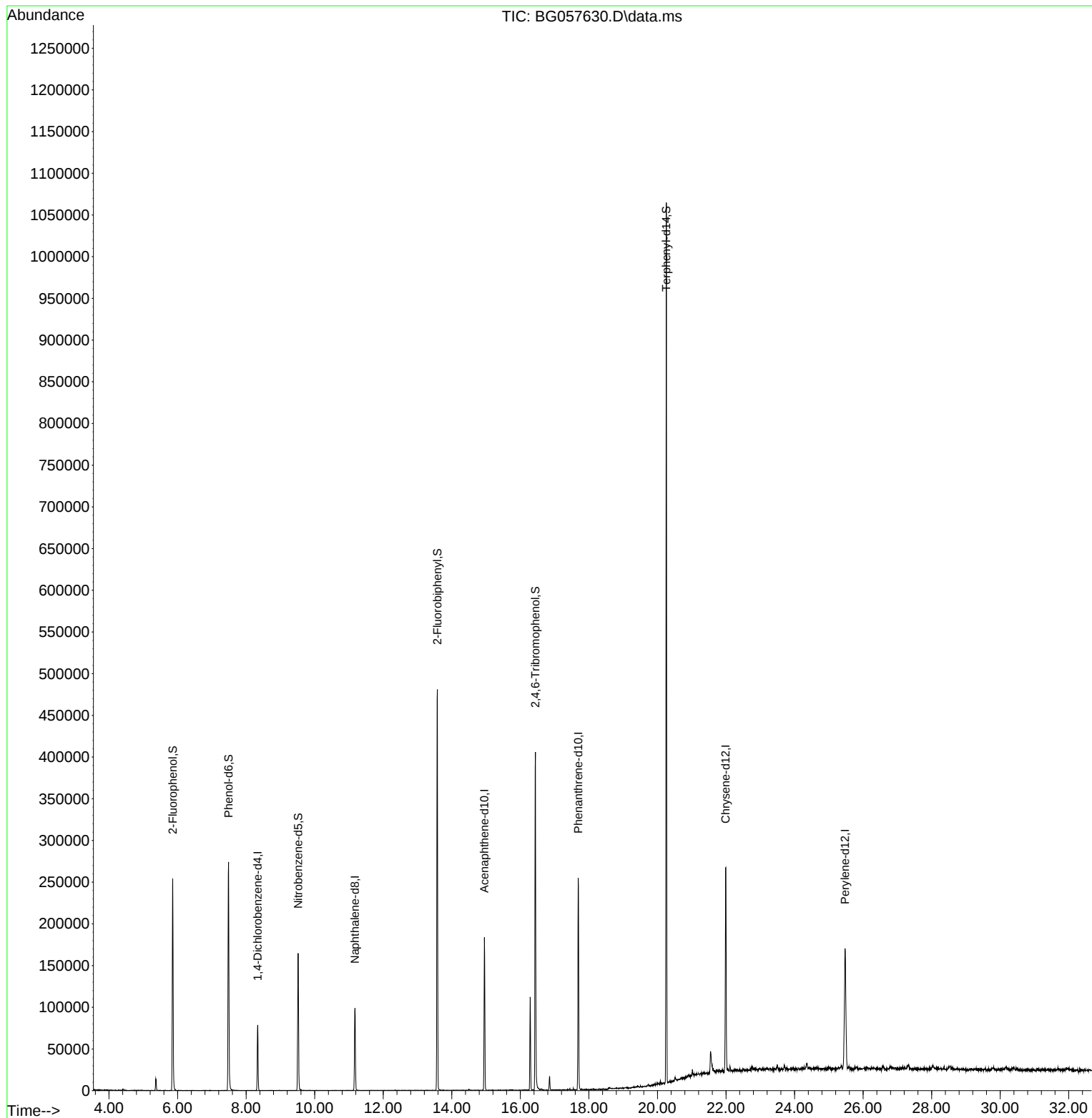
Target Compounds	Qvalue

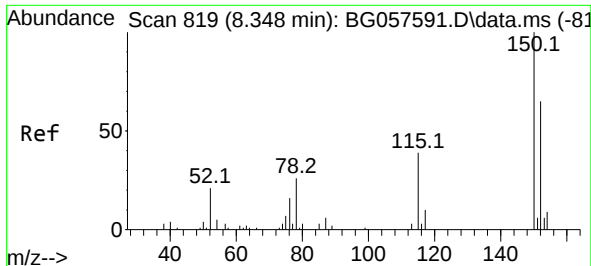
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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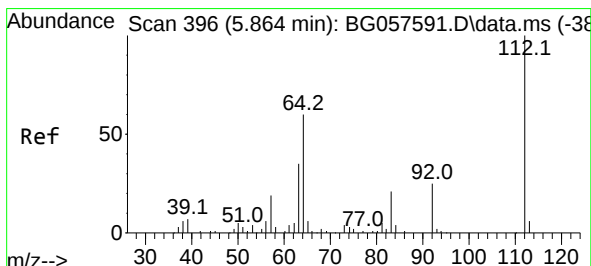
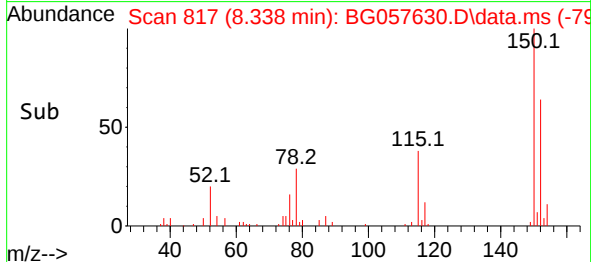
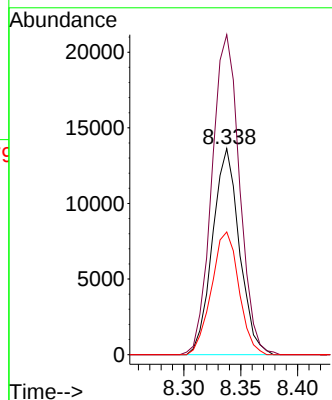
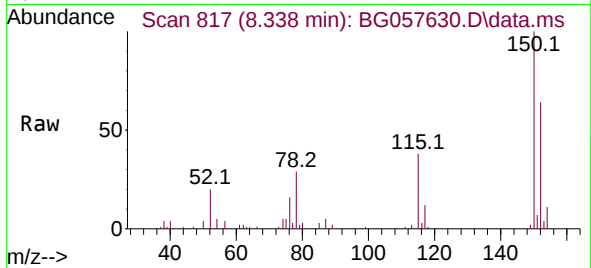




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 819
Delta R.T. 0.004 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

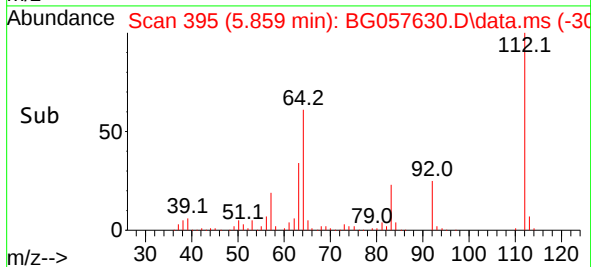
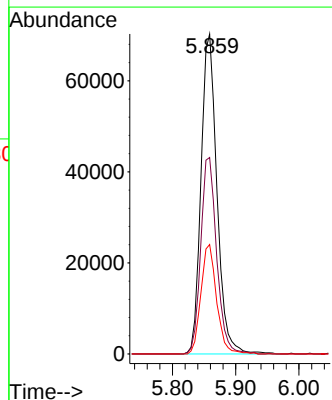
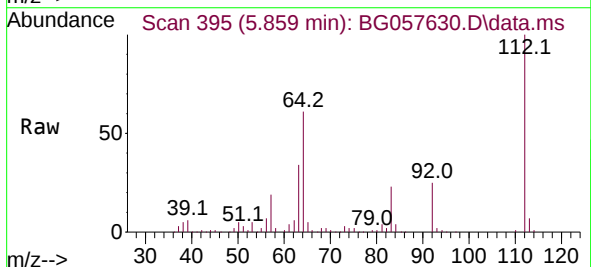
Instrument :
BNA_G
ClientSampleId :
TP-5

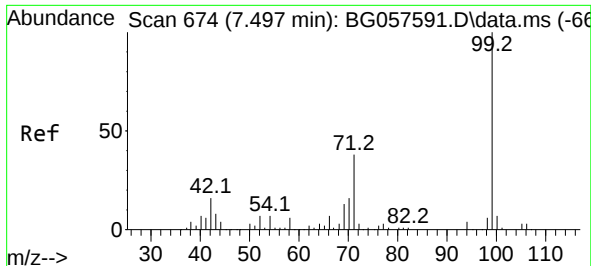
Tgt Ion:152 Resp: 22372
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.4
115 59.6 47.4 71.2



#5
2-Fluorophenol
Concen: 95.570 ng
RT: 5.859 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:112 Resp: 123070
Ion Ratio Lower Upper
112 100
64 61.4 47.8 71.6
63 34.2 27.8 41.8

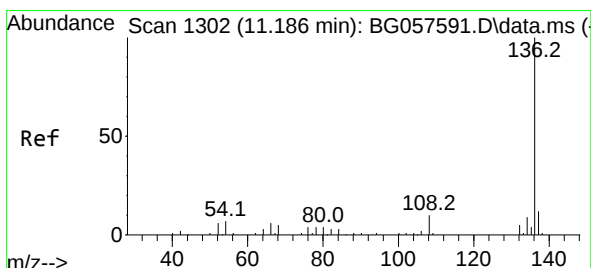
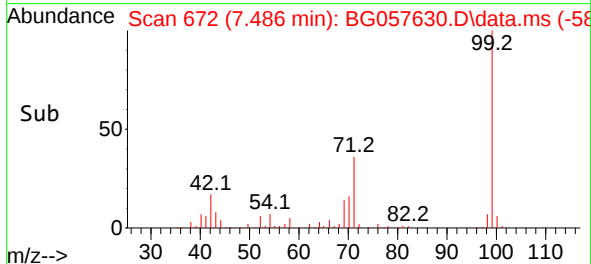
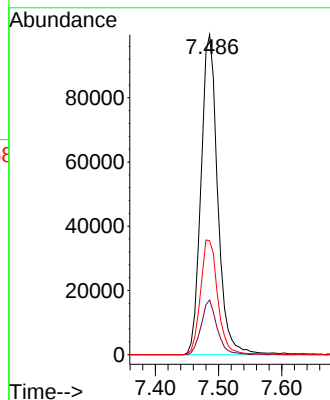
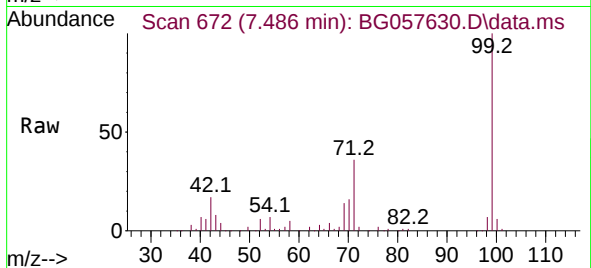




#7
Phenol-d6
Concen: 90.834 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

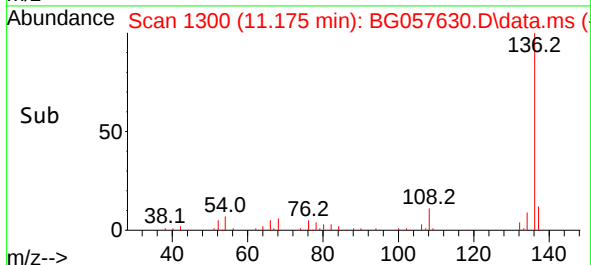
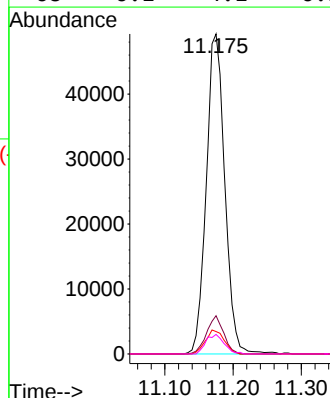
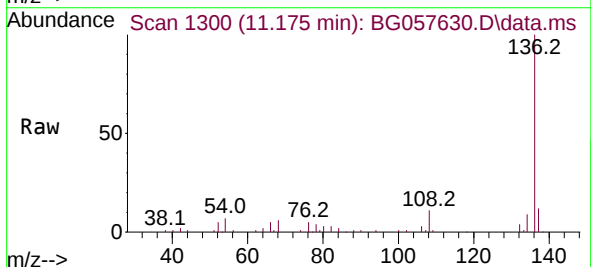
Instrument :
BNA_G
ClientSampleId :
TP-5

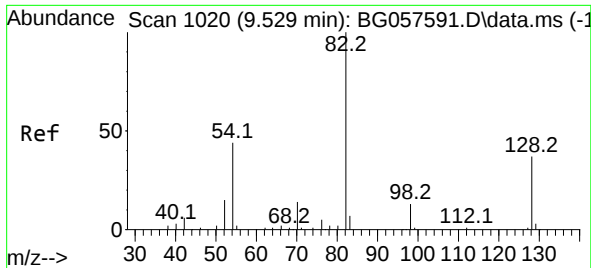
Tgt Ion: 99 Resp: 183057
Ion Ratio Lower Upper
99 100
42 17.1 12.8 19.2
71 35.6 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:136 Resp: 92986
Ion Ratio Lower Upper
136 100
137 12.0 9.8 14.8
54 7.0 5.8 8.6
68 6.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 56.731 ng

RT: 9.518 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057630.D

Acq: 31 May 2023 20:47

Instrument :

BNA_G

ClientSampleId :

TP-5

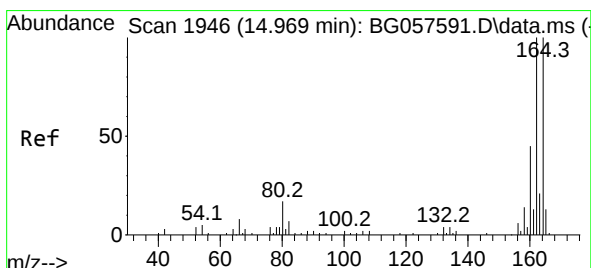
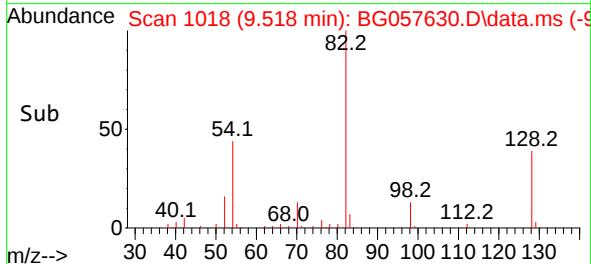
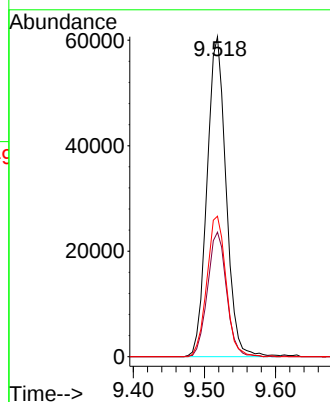
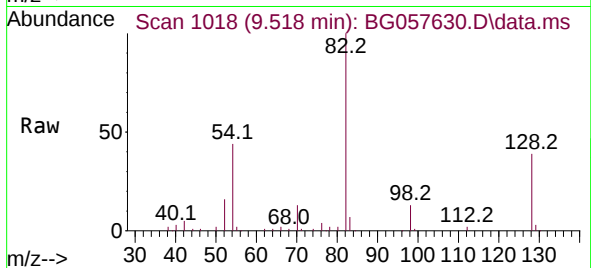
Tgt Ion: 82 Resp: 112847

Ion Ratio Lower Upper

82 100

128 38.9 30.0 45.0

54 43.9 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.952 min Scan# 1943

Delta R.T. -0.008 min

Lab File: BG057630.D

Acq: 31 May 2023 20:47

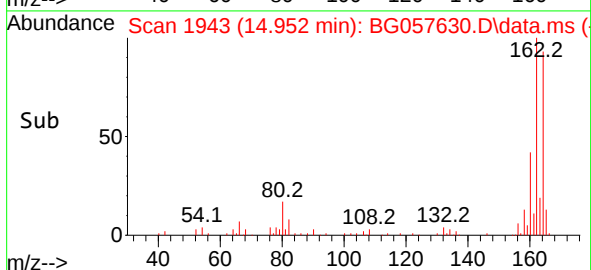
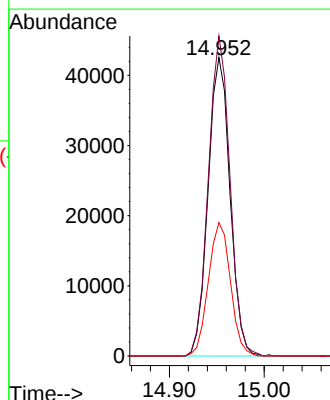
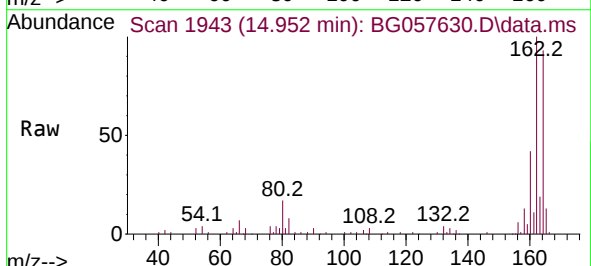
Tgt Ion:164 Resp: 68187

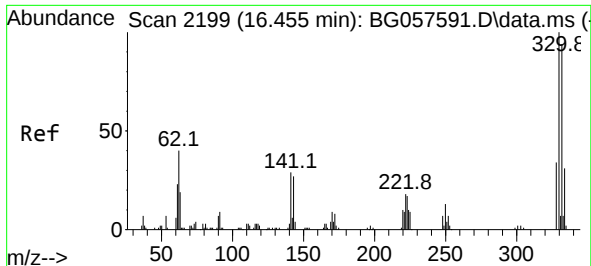
Ion Ratio Lower Upper

164 100

162 107.2 80.1 120.1

160 44.7 35.9 53.9

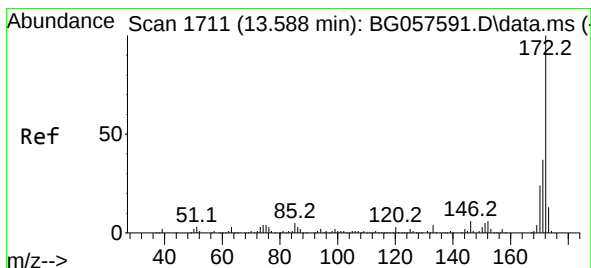
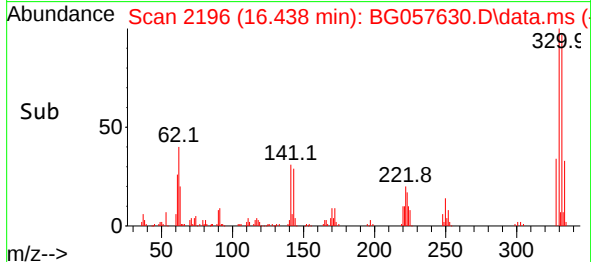
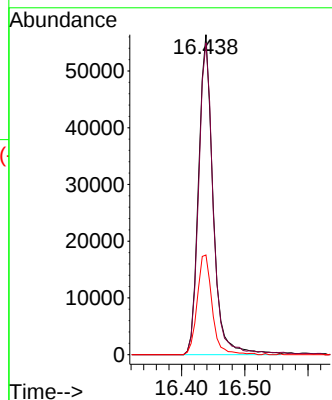
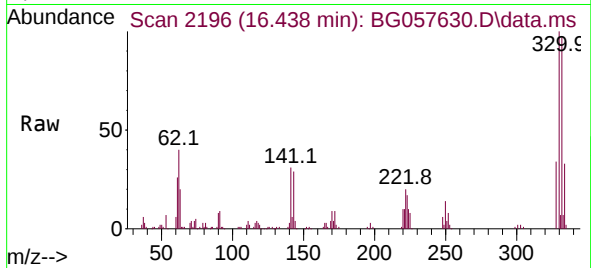




#42
2,4,6-Tribromophenol
Concen: 82.471 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

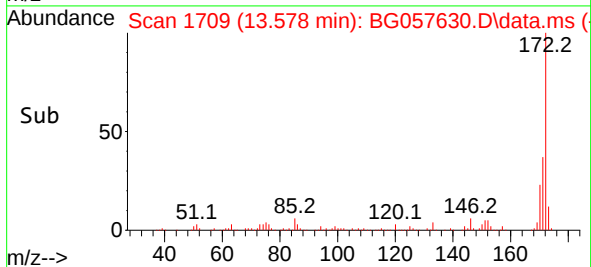
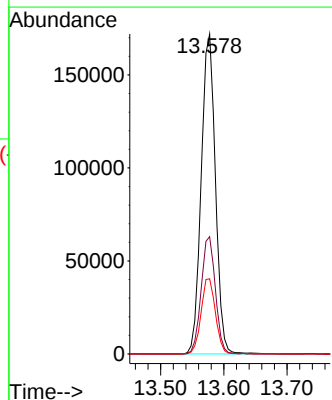
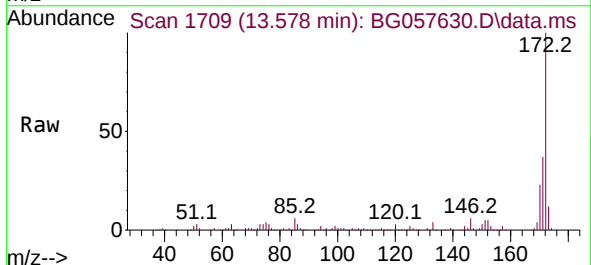
Instrument :
BNA_G
ClientSampleId :
TP-5

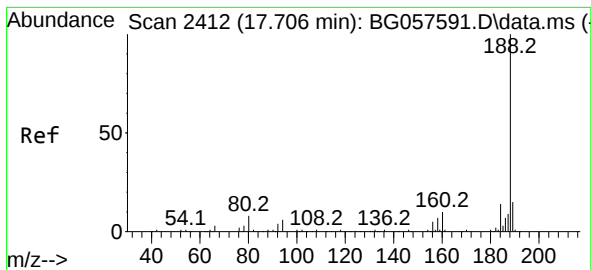
Tgt Ion:330 Resp: 90033
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 32.1 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 56.669 ng
RT: 13.578 min Scan# 1709
Delta R.T. -0.002 min
Lab File: BG057630.D
Acq: 31 May 2023 20:47

Tgt Ion:172 Resp: 268879
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.690 min Scan# 2412

Delta R.T. -0.008 min

Lab File: BG057630.D

Acq: 31 May 2023 20:47

Instrument :

BNA_G

ClientSampleId :

TP-5

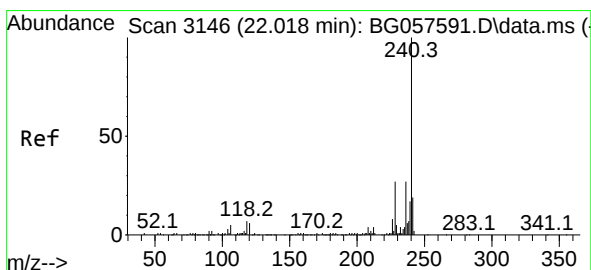
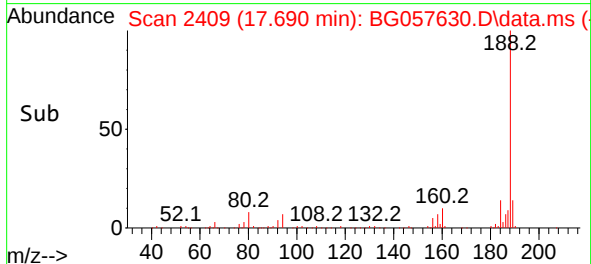
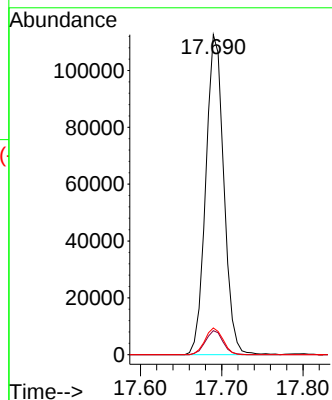
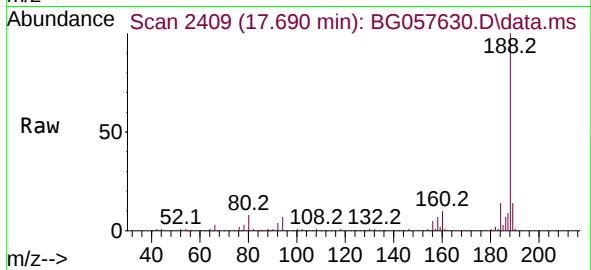
Tgt Ion:188 Resp: 173066

Ion Ratio Lower Upper

188 100

94 7.5 5.2 7.8

80 8.4 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.990 min Scan# 3141

Delta R.T. -0.014 min

Lab File: BG057630.D

Acq: 31 May 2023 20:47

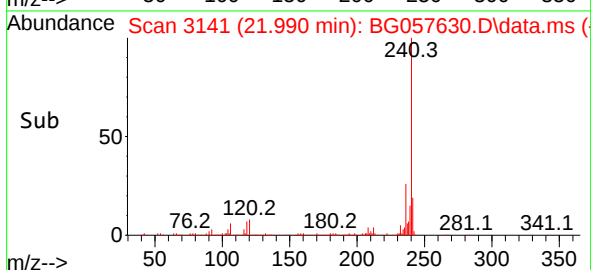
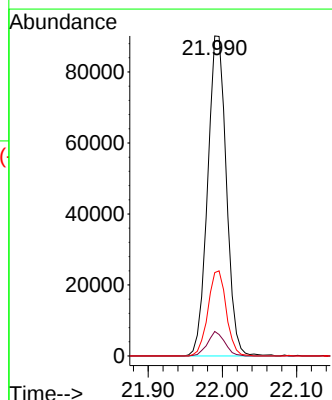
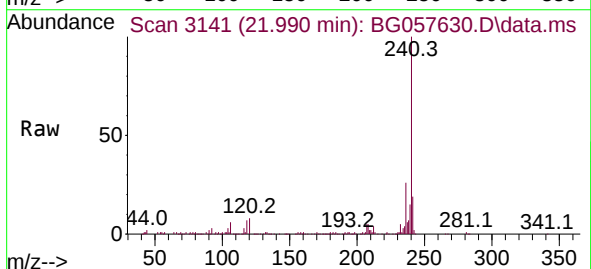
Tgt Ion:240 Resp: 157845

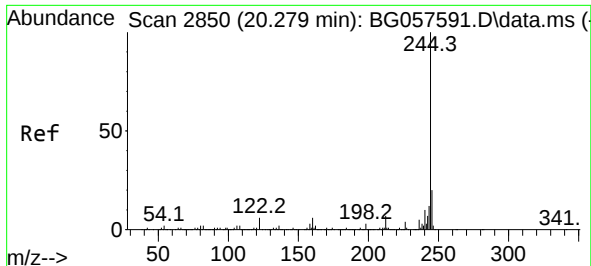
Ion Ratio Lower Upper

240 100

120 7.6 5.2 7.8

236 26.1 21.4 32.0

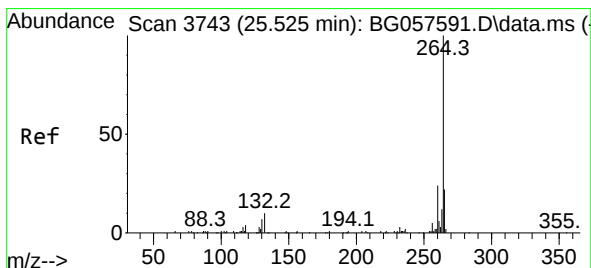
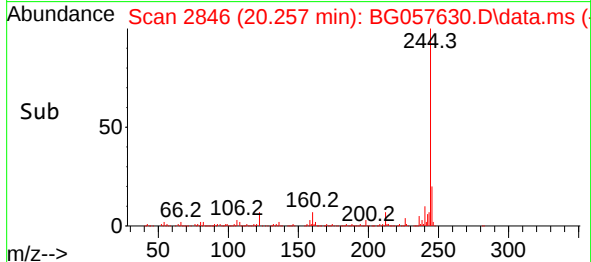
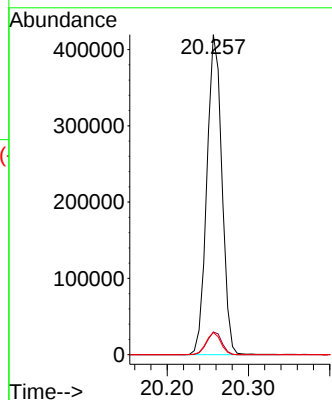
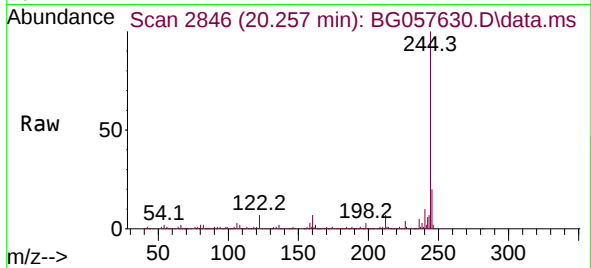




#79
 Terphenyl-d14
 Concen: 58.849 ng
 RT: 20.257 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057630.D
 Acq: 31 May 2023 20:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 536248
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 7.0 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.473 min Scan# 3734
 Delta R.T. -0.025 min
 Lab File: BG057630.D
 Acq: 31 May 2023 20:47

Tgt Ion:264 Resp: 166896
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.1 28.7
 265 21.5 17.7 26.5

