

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057723.D
 Acq On : 15 Jun 2023 13:57
 Operator : CG/JU
 Sample : 03160-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PNNL-B-0609-1

Quant Time: Jun 15 14:33:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	31967	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	127387	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	79165	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	189485	20.000	ng	0.00
76) Chrysene-d12	21.565	240	181749	20.000	ng	0.00
86) Perylene-d12	24.726	264	216775	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	285268	145.306	ng	0.00
7) Phenol-d6	7.094	99	360875	119.654	ng	0.00
23) Nitrobenzene-d5	9.098	82	238321	110.824	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	148468	168.101	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	510453	96.114	ng	0.00
79) Terphenyl-d14	19.932	244	916411	93.223	ng	0.00

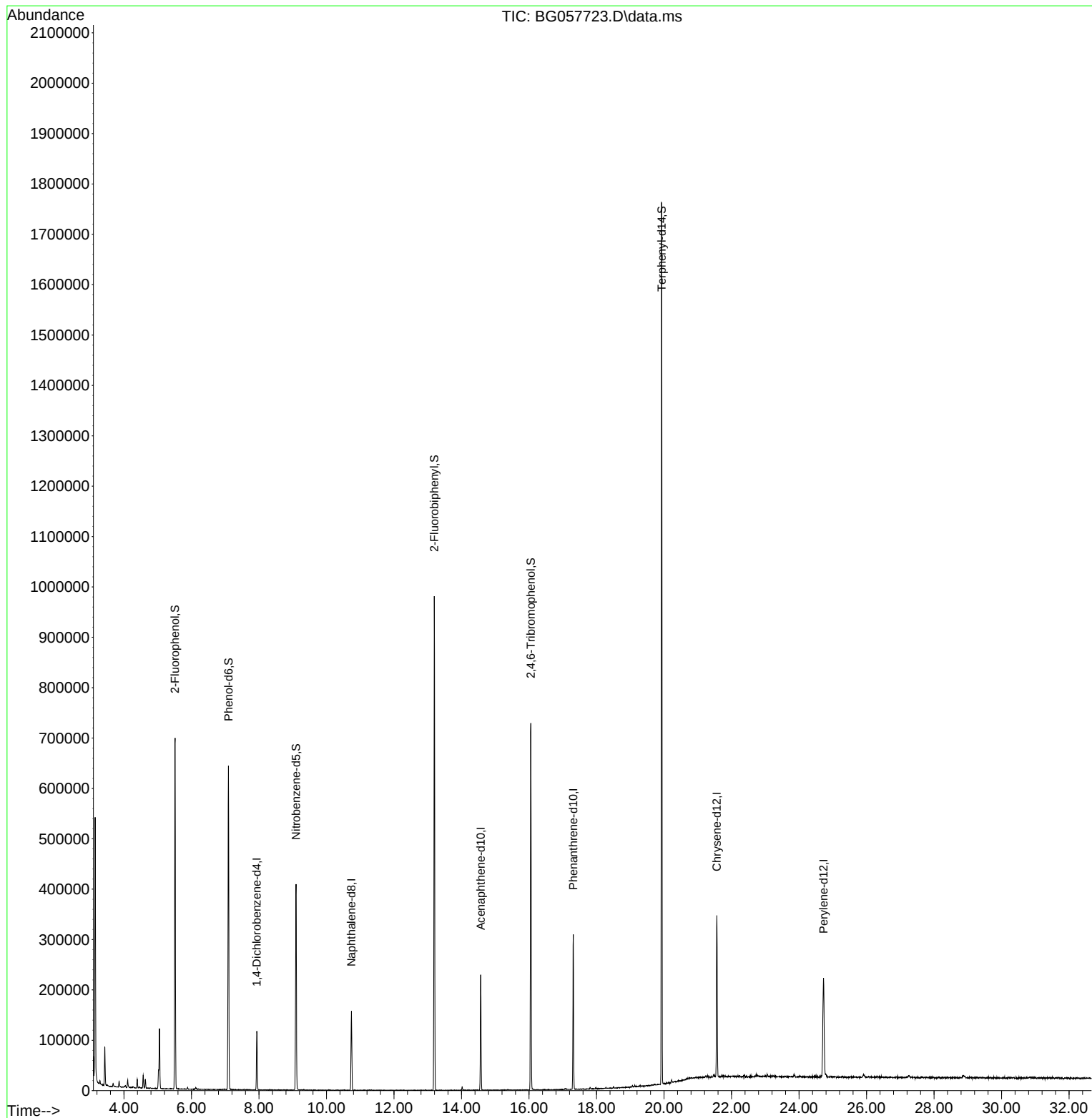
Target Compounds	Qvalue

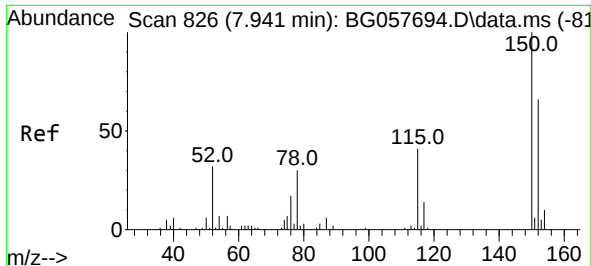
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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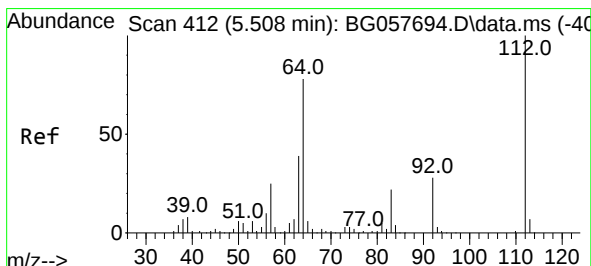
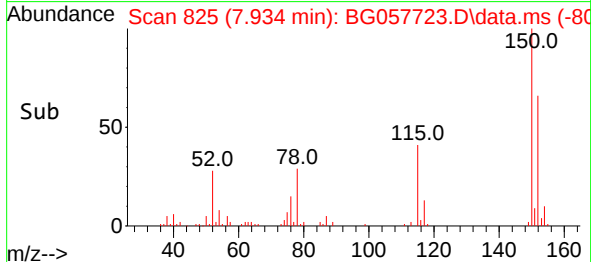
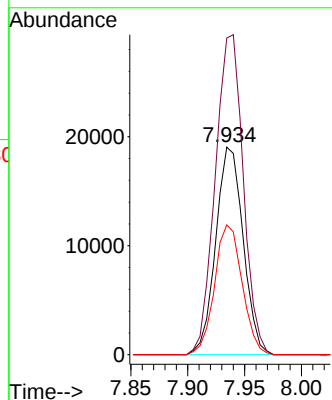
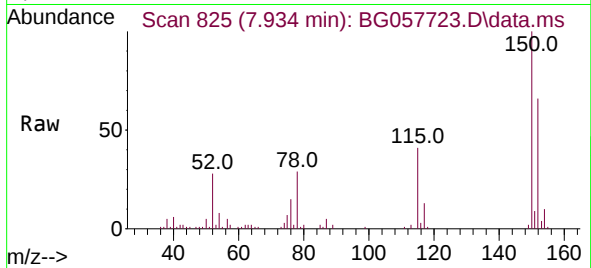




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

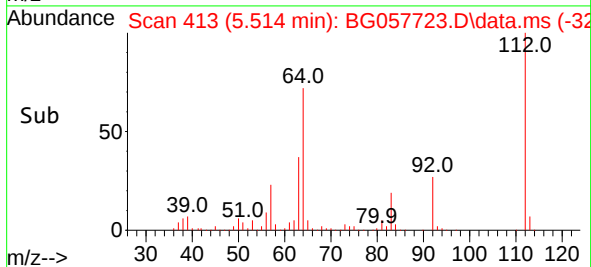
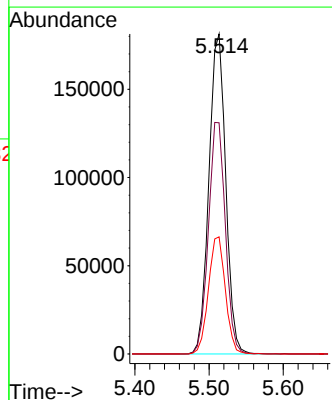
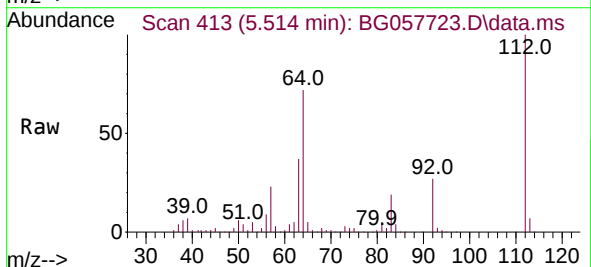
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

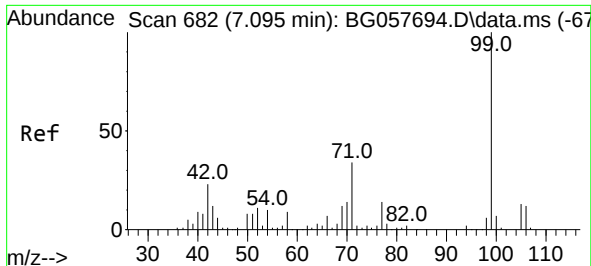
Tgt Ion:152 Resp: 31967
Ion Ratio Lower Upper
152 100
150 152.5 120.8 181.2
115 62.5 49.4 74.2



#5
2-Fluorophenol
Concen: 145.306 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.005 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:112 Resp: 285268
Ion Ratio Lower Upper
112 100
64 72.3 62.3 93.5
63 36.6 31.5 47.3

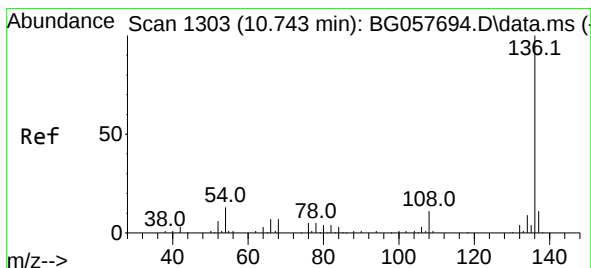
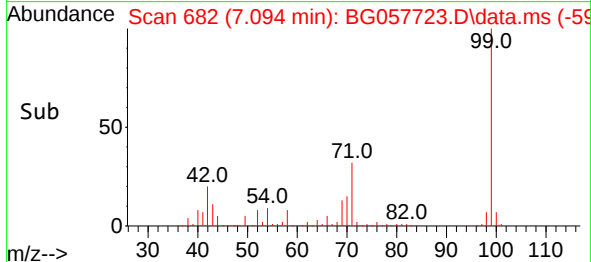
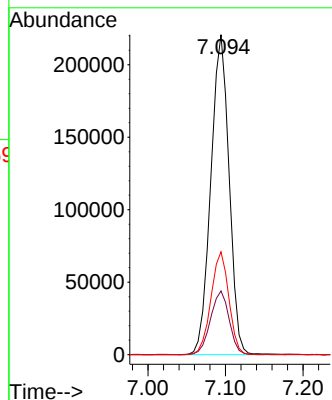
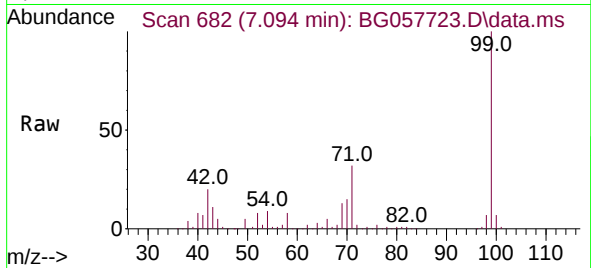




#7
Phenol-d6
Concen: 119.654 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

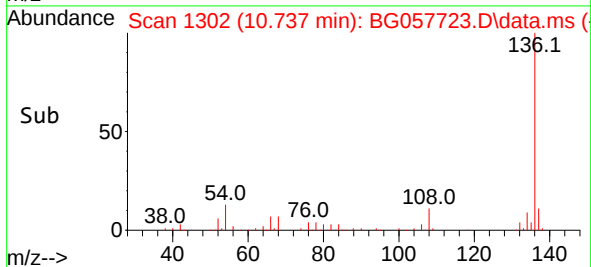
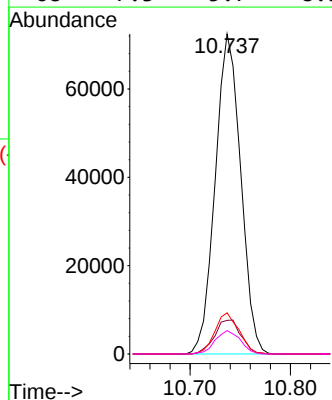
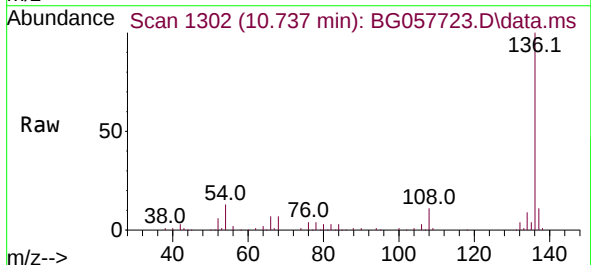
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

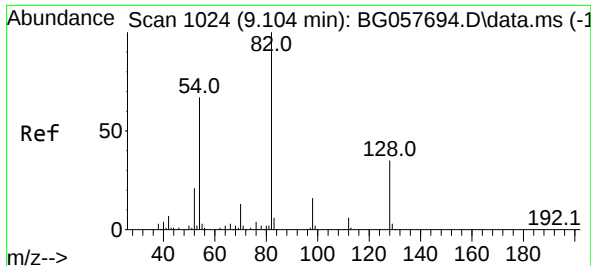
Tgt Ion: 99 Resp: 360875
Ion Ratio Lower Upper
99 100
42 19.9 18.3 27.5
71 32.2 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion: 136 Resp: 127387
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 12.8 10.8 16.2
68 7.3 5.7 8.5

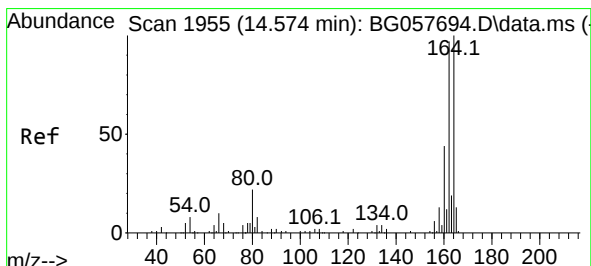
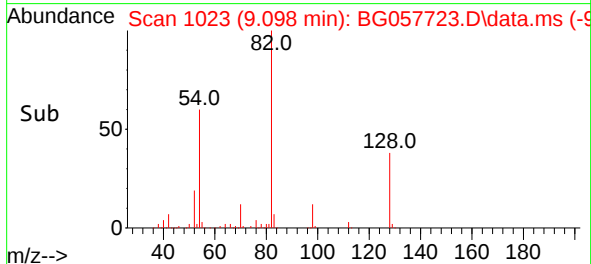
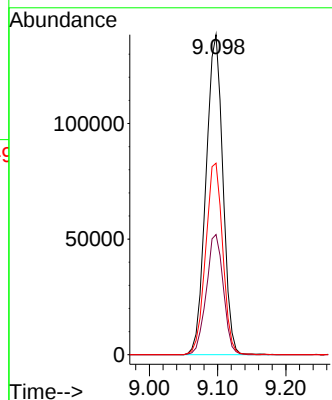
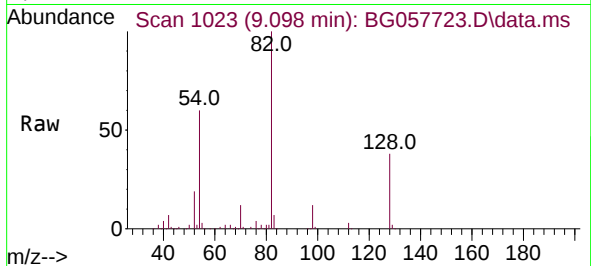




#23
Nitrobenzene-d5
Concen: 110.824 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

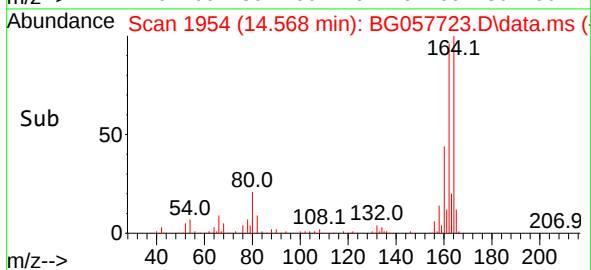
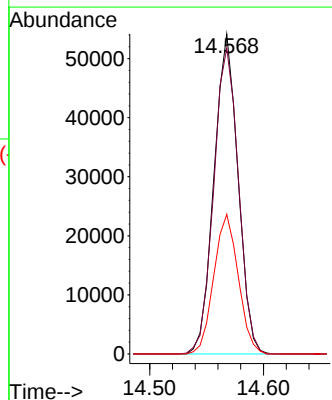
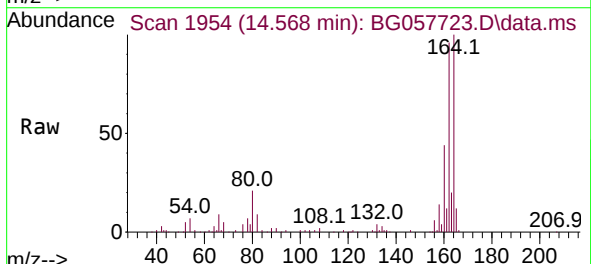
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

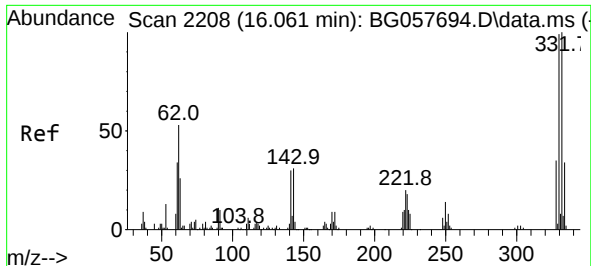
Tgt Ion: 82 Resp: 238321
Ion Ratio Lower Upper
82 100
128 37.5 27.7 41.5
54 59.9 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:164 Resp: 79165
Ion Ratio Lower Upper
164 100
162 95.5 77.7 116.5
160 43.6 35.1 52.7

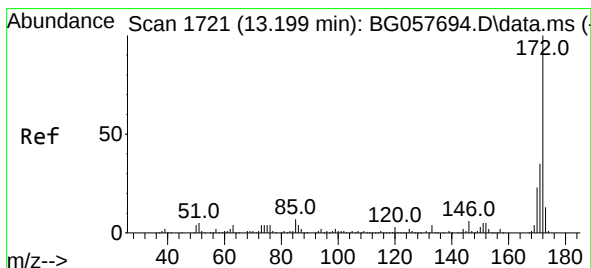
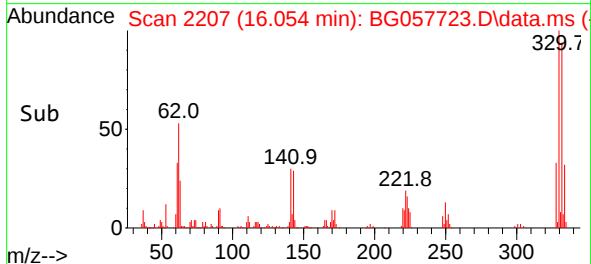
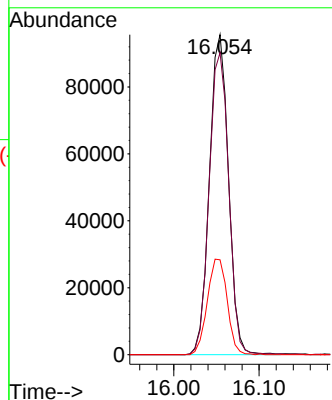
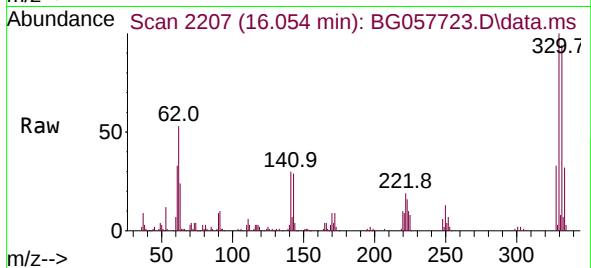




#42
 2,4,6-Tribromophenol
 Concen: 168.101 ng
 RT: 16.054 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057723.D
 Acq: 15 Jun 2023 13:57

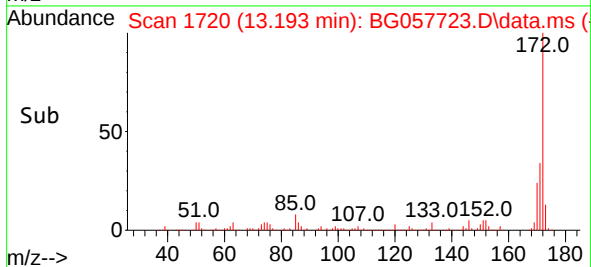
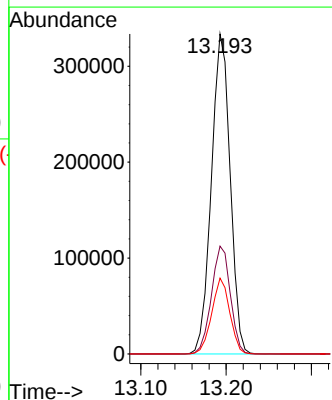
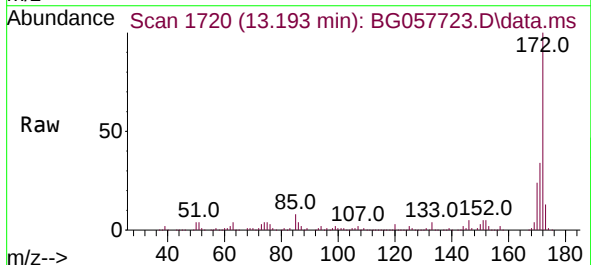
Instrument :
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 ClientSampleId :
 PNNL-B-0609-1

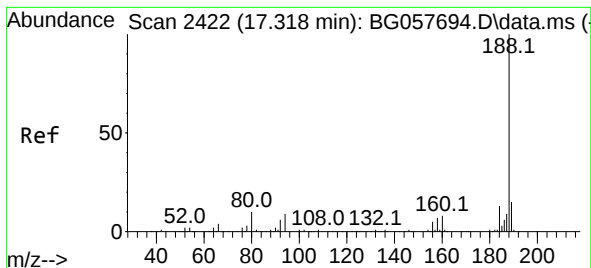
Tgt Ion:330 Resp: 148468
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.6
 141 31.0 25.0 37.6



#45
 2-Fluorobiphenyl
 Concen: 96.114 ng
 RT: 13.193 min Scan# 1720
 Delta R.T. -0.007 min
 Lab File: BG057723.D
 Acq: 15 Jun 2023 13:57

Tgt Ion:172 Resp: 510453
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.9 41.9
 170 23.7 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.311 min Scan# 2421

Delta R.T. -0.007 min

Lab File: BG057723.D

Acq: 15 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PNNL-B-0609-1

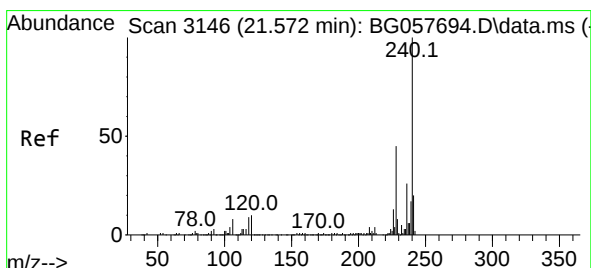
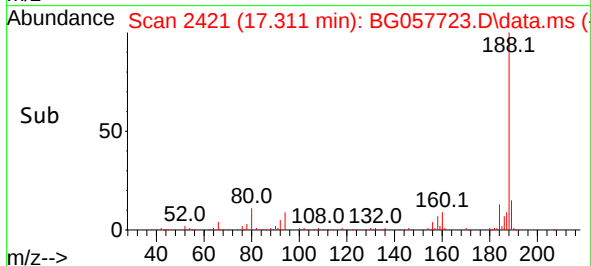
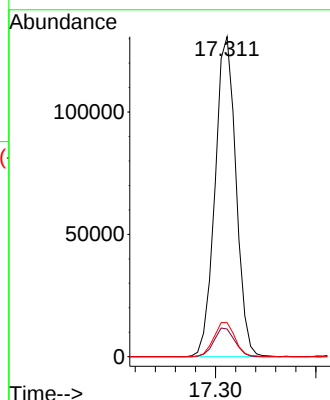
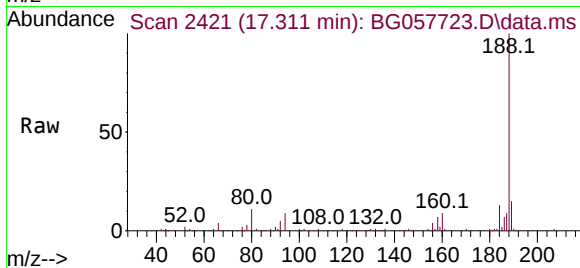
Tgt Ion:188 Resp: 189485

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 10.6 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.565 min Scan# 3145

Delta R.T. -0.007 min

Lab File: BG057723.D

Acq: 15 Jun 2023 13:57

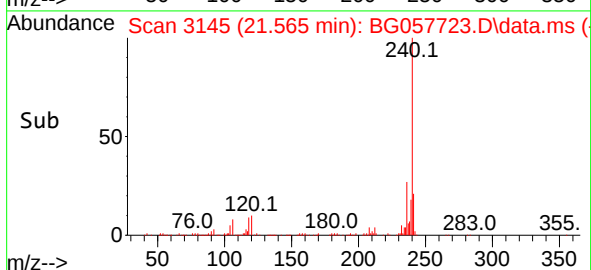
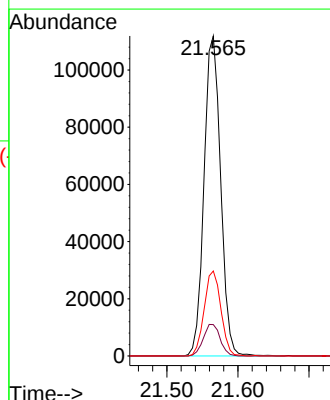
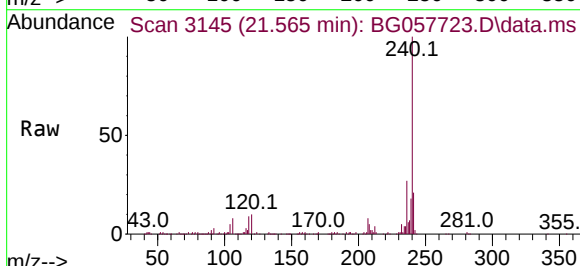
Tgt Ion:240 Resp: 181749

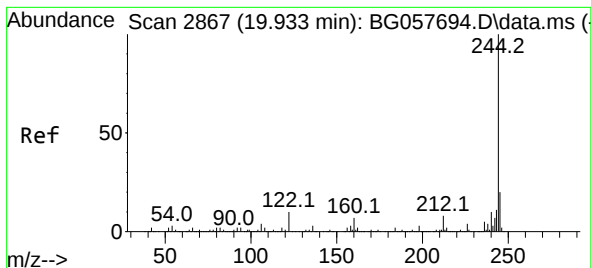
Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

236 26.6 20.7 31.1





#79

Terphenyl-d14

Concen: 93.223 ng

RT: 19.932 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057723.D

Acq: 15 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PNNL-B-0609-1

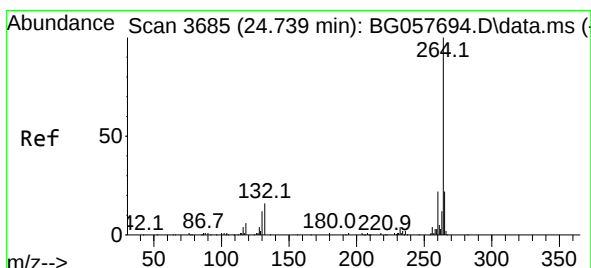
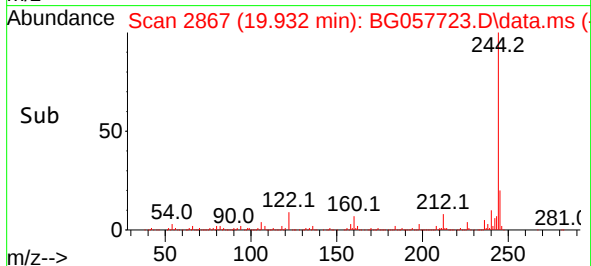
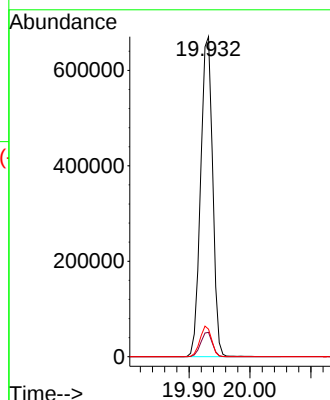
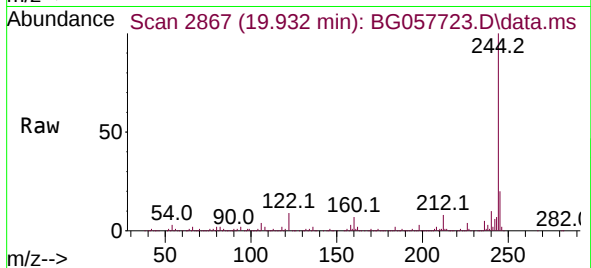
Tgt Ion:244 Resp: 916411

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 8.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.726 min Scan# 3683

Delta R.T. -0.012 min

Lab File: BG057723.D

Acq: 15 Jun 2023 13:57

Tgt Ion:264 Resp: 216775

Ion Ratio Lower Upper

264 100

260 22.6 17.3 25.9

265 22.6 17.5 26.3

