

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057748.D
 Acq On : 17 Jun 2023 00:21
 Operator : CG/JU
 Sample : 03251-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-05

Quant Time: Jun 17 04:01:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

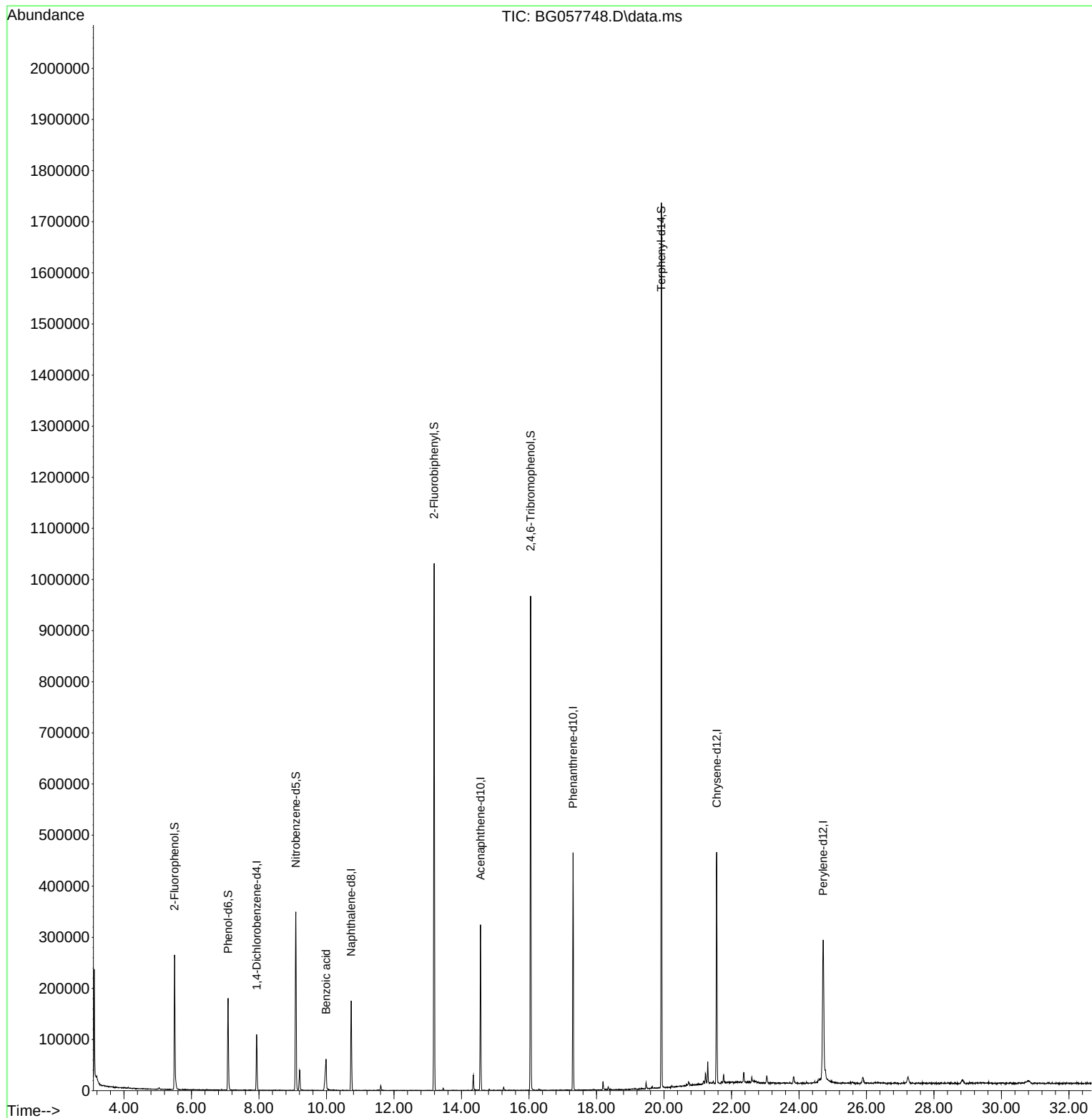
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	31111	20.000	ng	-0.01
21) Naphthalene-d8	10.733	136	145043	20.000	ng	-0.01
39) Acenaphthene-d10	14.564	164	112941	20.000	ng	-0.01
64) Phenanthrene-d10	17.308	188	293689	20.000	ng	-0.01
76) Chrysene-d12	21.562	240	248059	20.000	ng	-0.01
86) Perylene-d12	24.717	264	298061	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	116686	61.071	ng	-0.01
7) Phenol-d6	7.084	99	108717	37.039	ng	-0.01
23) Nitrobenzene-d5	9.094	82	210999	89.405	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	192294	152.610	ng	-0.01
45) 2-Fluorobiphenyl	13.189	172	536971	70.870	ng	-0.01
79) Terphenyl-d14	19.922	244	870265	64.864	ng	-0.01
Target Compounds						
32) Benzoic acid	9.987	122	31611	36.034	ng	Qvalue 94

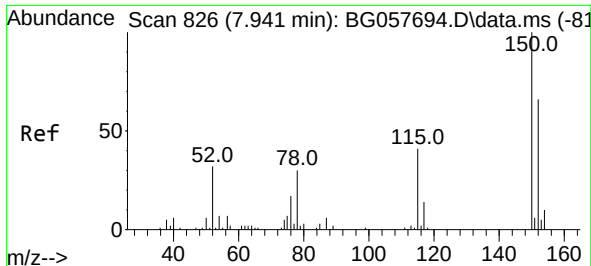
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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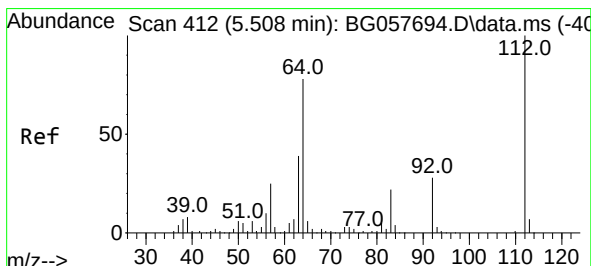
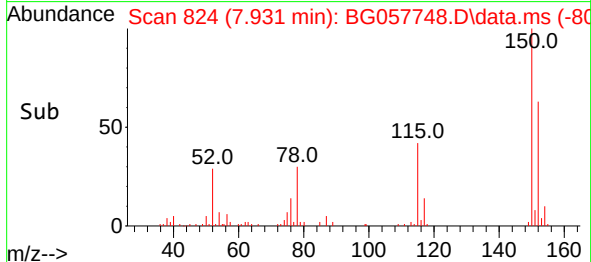
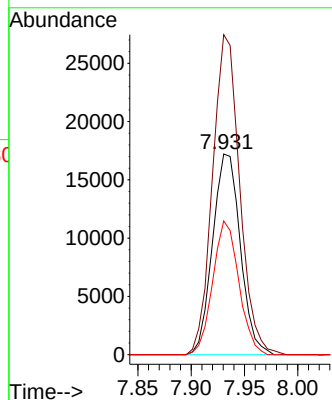
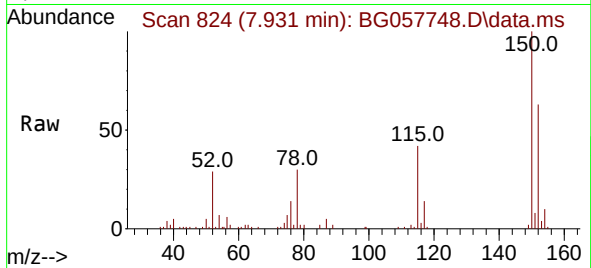




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

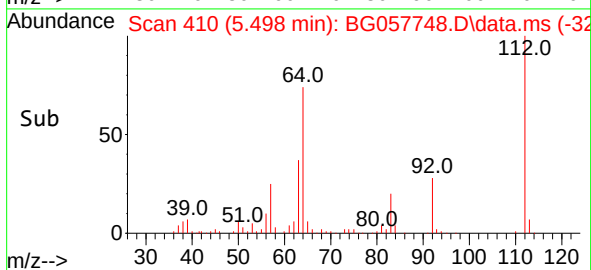
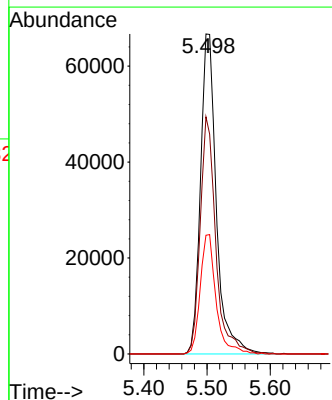
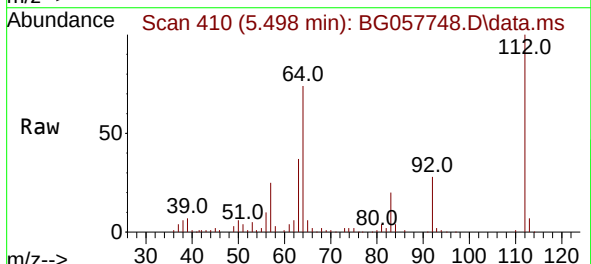
Instrument :
BNA_G
ClientSampleId :
TWP-05

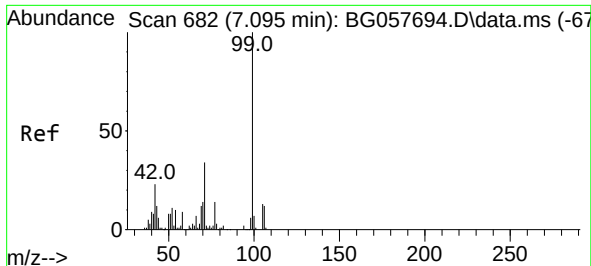
Tgt Ion:152 Resp: 31111
Ion Ratio Lower Upper
152 100
150 159.5 120.8 181.2
115 66.7 49.4 74.2



#5
2-Fluorophenol
Concen: 61.071 ng
RT: 5.498 min Scan# 410
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion:112 Resp: 116686
Ion Ratio Lower Upper
112 100
64 74.1 62.3 93.5
63 37.1 31.5 47.3

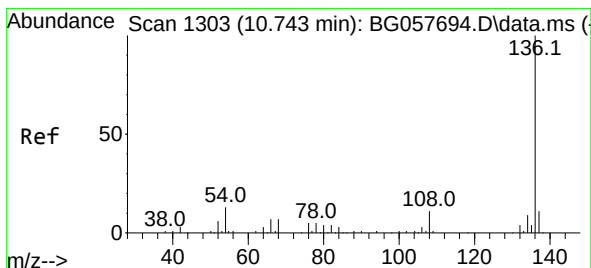
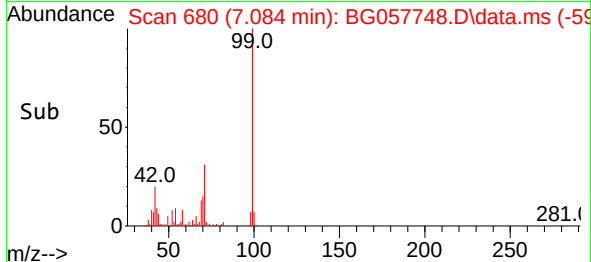
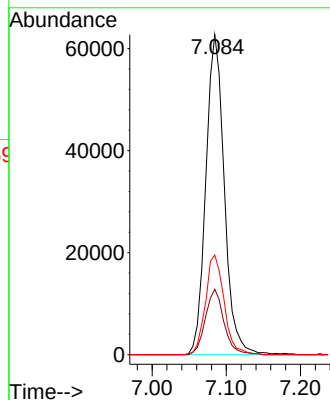
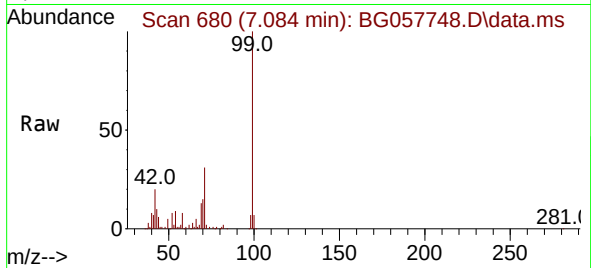




#7
Phenol-d6
Concen: 37.039 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

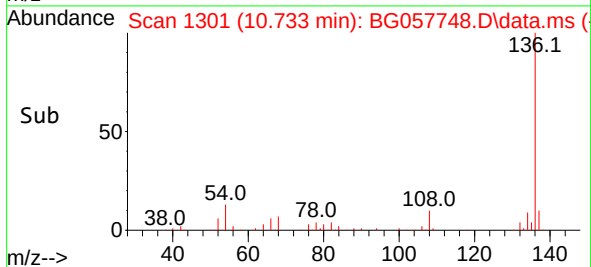
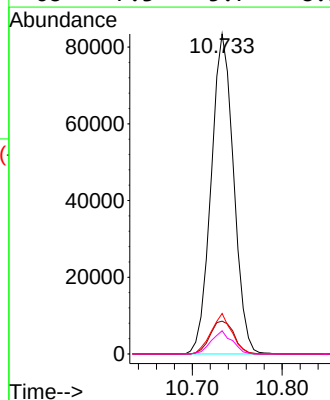
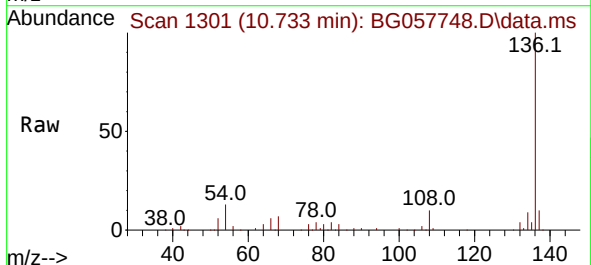
Instrument :
BNA_G
ClientSampleId :
TWP-05

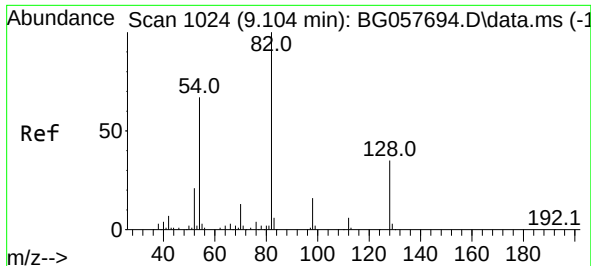
Tgt Ion: 99 Resp: 108717
Ion Ratio Lower Upper
99 100
42 20.4 18.3 27.5
71 31.2 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion: 136 Resp: 145043
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 12.6 10.8 16.2
68 7.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 89.405 ng

RT: 9.094 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BG057748.D

Acq: 17 Jun 2023 00:21

Instrument :

BNA_G

ClientSampleId :

TWP-05

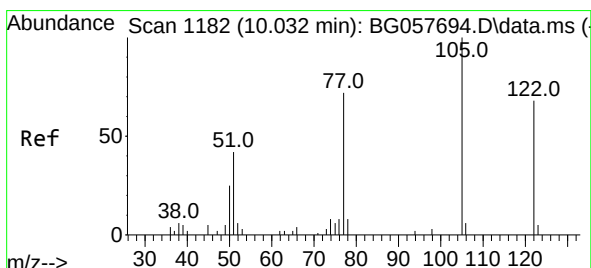
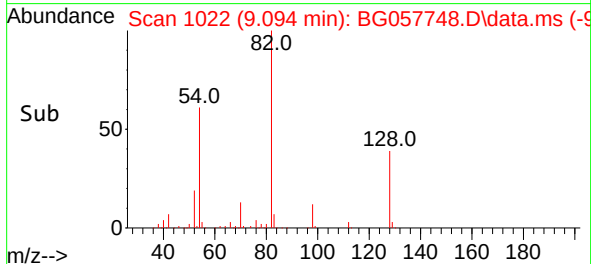
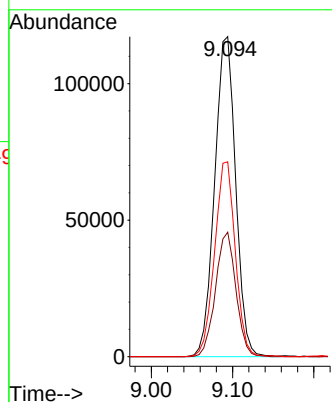
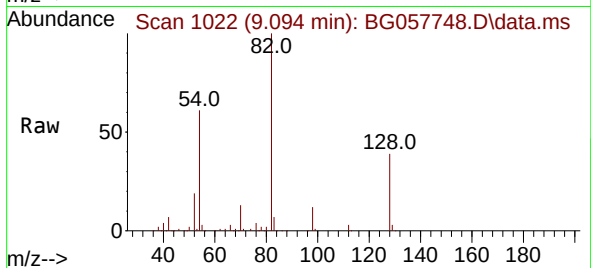
Tgt Ion: 82 Resp: 210999

Ion Ratio Lower Upper

82 100

128 38.9 27.7 41.5

54 60.9 53.8 80.8



#32

Benzoic acid

Concen: 36.034 ng

RT: 9.987 min Scan# 1174

Delta R.T. -0.047 min

Lab File: BG057748.D

Acq: 17 Jun 2023 00:21

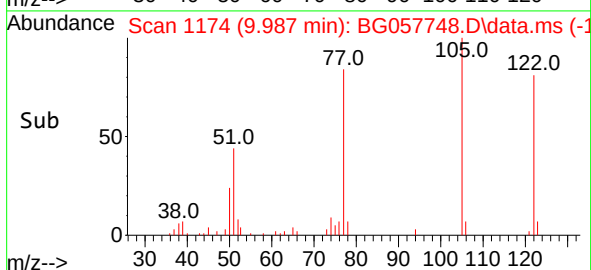
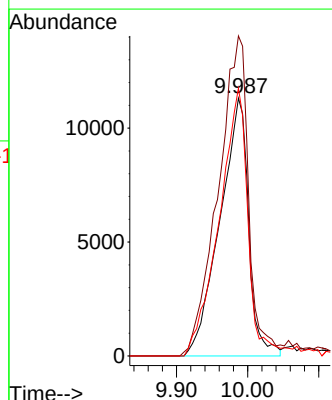
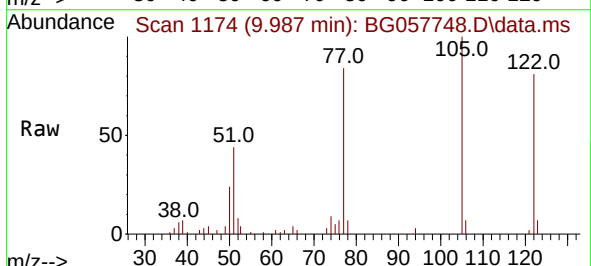
Tgt Ion: 122 Resp: 31611

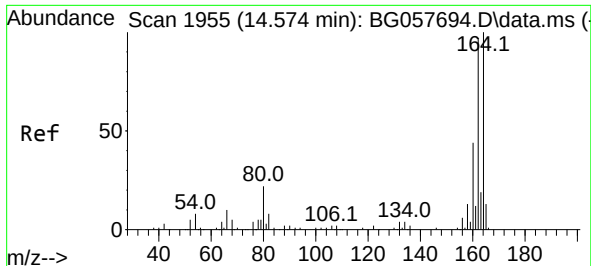
Ion Ratio Lower Upper

122 100

105 124.1 113.8 153.8

77 103.9 81.0 121.0

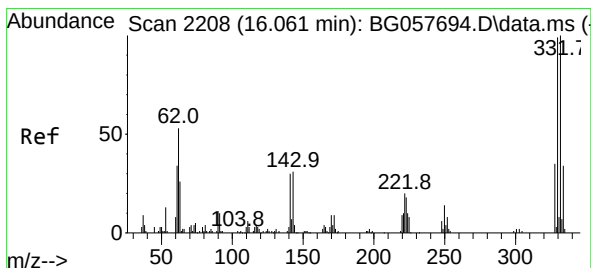
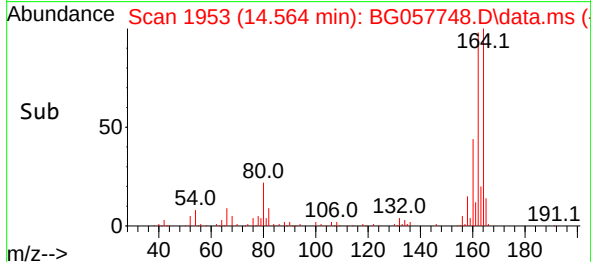
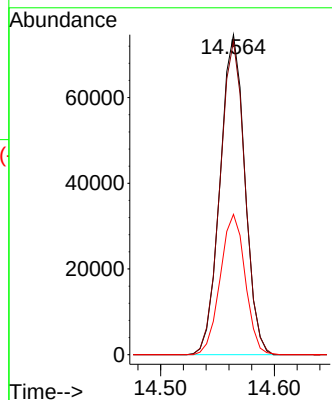
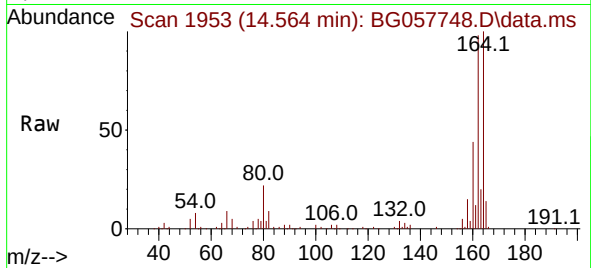




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

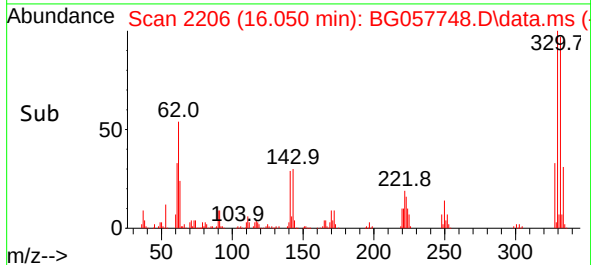
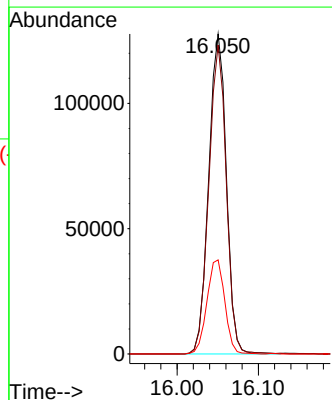
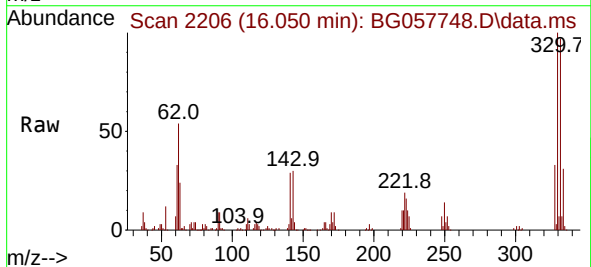
Instrument :
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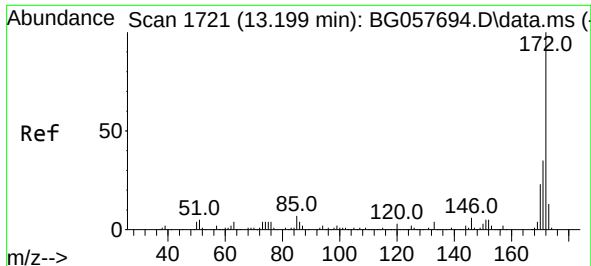
Tgt Ion:164 Resp: 112941
Ion Ratio Lower Upper
164 100
162 97.9 77.7 116.5
160 43.8 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 152.610 ng
RT: 16.050 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion:330 Resp: 192294
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.6
141 29.8 25.0 37.6

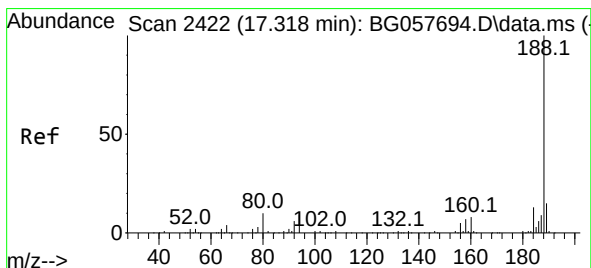
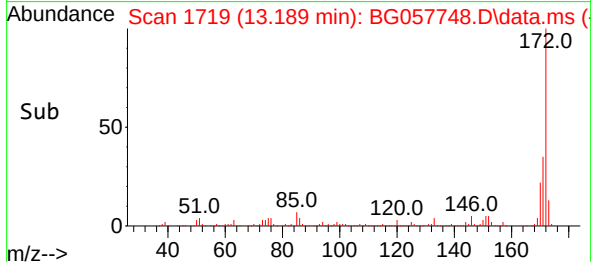
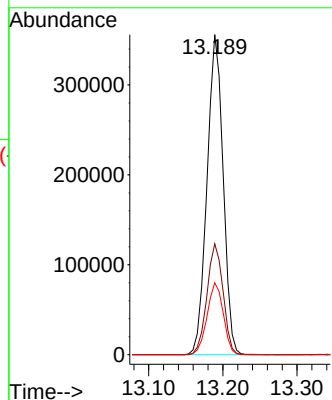
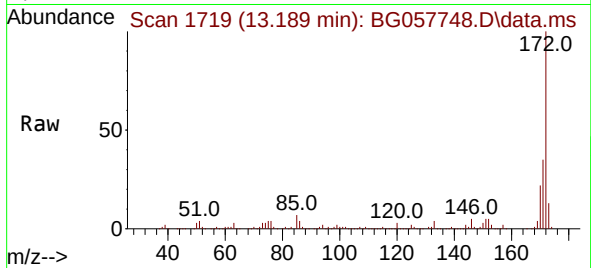




#45
2-Fluorobiphenyl
Concen: 70.870 ng
RT: 13.189 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

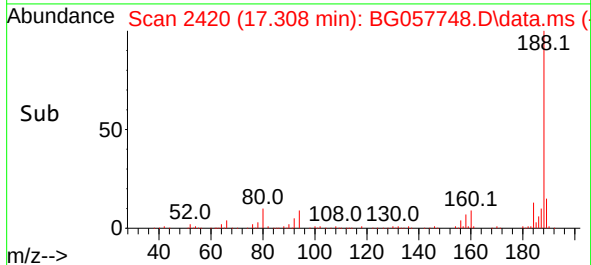
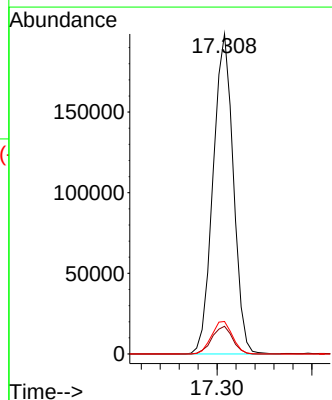
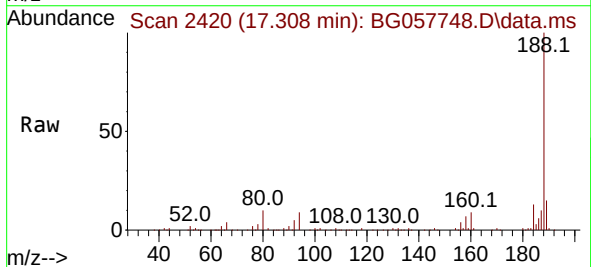
Instrument :
BNA_G
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TWP-05

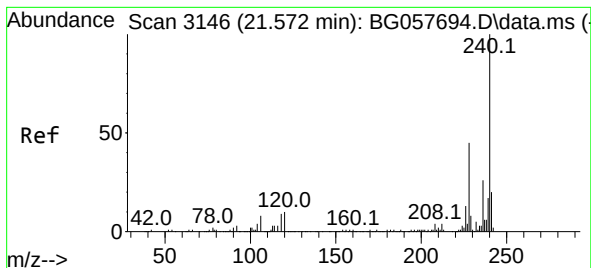
Tgt Ion:172 Resp: 536971
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.5 18.2 27.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion:188 Resp: 293689
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 10.1 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3144

Delta R.T. -0.012 min

Lab File: BG057748.D

Acq: 17 Jun 2023 00:21

Instrument :

BNA_G

ClientSampleId :

TWP-05

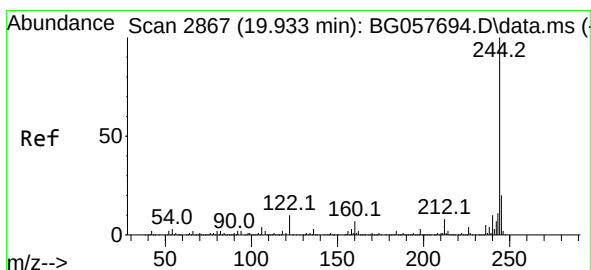
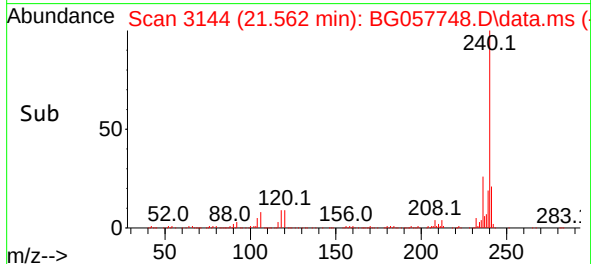
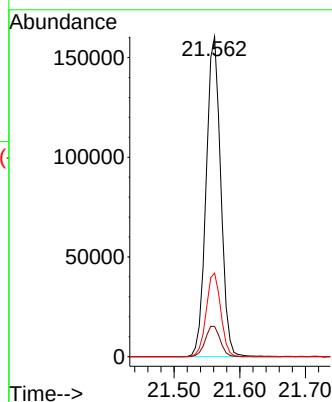
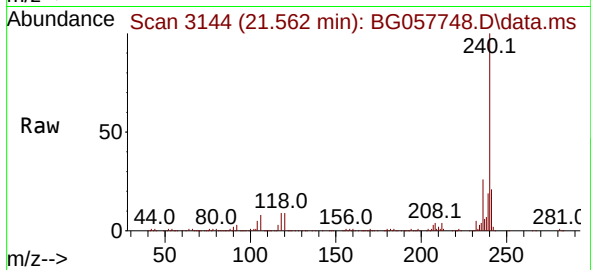
Tgt Ion:240 Resp: 248059

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

236 26.1 20.7 31.1



#79

Terphenyl-d14

Concen: 64.864 ng

RT: 19.922 min Scan# 2865

Delta R.T. -0.012 min

Lab File: BG057748.D

Acq: 17 Jun 2023 00:21

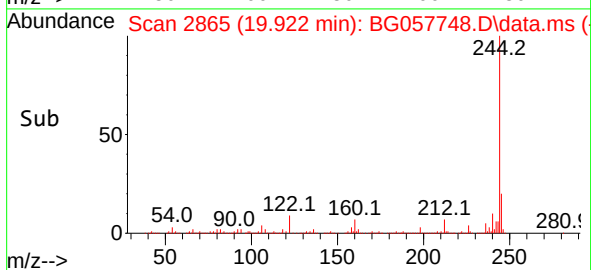
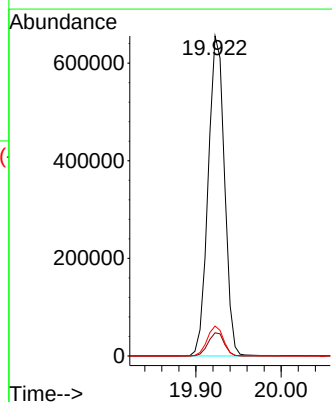
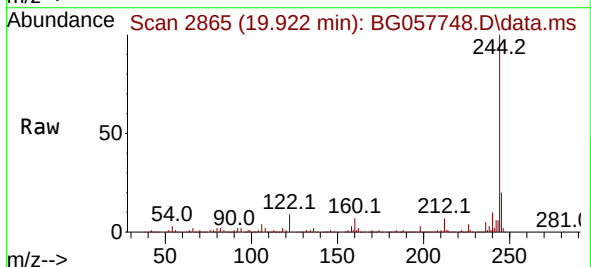
Tgt Ion:244 Resp: 870265

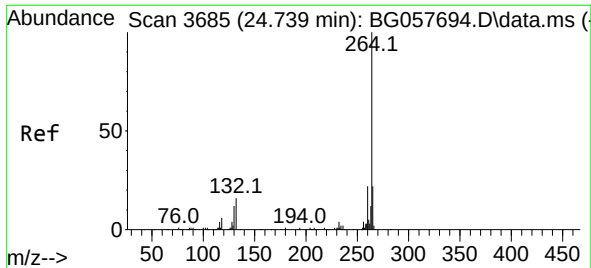
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.4 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.717 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Instrument :
BNA_G
ClientSampleId :
TWP-05

Tgt Ion:264 Resp: 298061

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.3	25.9
265	21.6	17.5	26.3

