

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057491.D
 Acq On : 22 May 2023 13:09
 Operator : CG/JU
 Sample : 02849-31
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP10

Quant Time: May 22 13:58:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	19261	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	73576	20.000	ng	0.00
39) Acenaphthene-d10	14.974	164	48700	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	120816	20.000	ng	0.00
76) Chrysene-d12	22.023	240	121501	20.000	ng	0.00
86) Perylene-d12	25.525	264	131296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	111333	98.877	ng	0.00
7) Phenol-d6	7.502	99	160596	93.925	ng	0.00
23) Nitrobenzene-d5	9.534	82	103459	59.017	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	81624	118.124	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	250261	69.210	ng	0.00
79) Terphenyl-d14	20.285	244	431094	57.902	ng	0.00

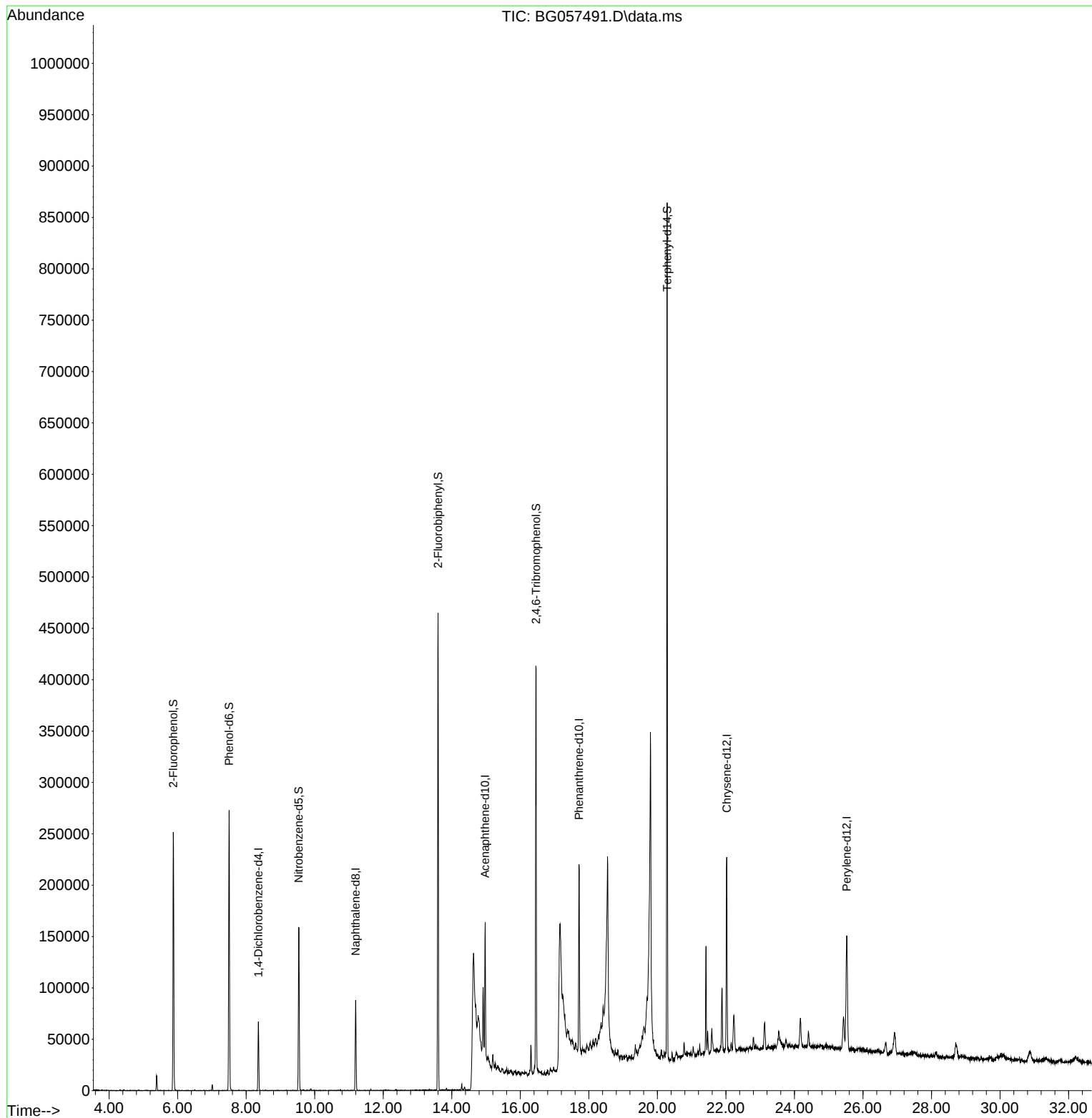
Target Compounds	Qvalue

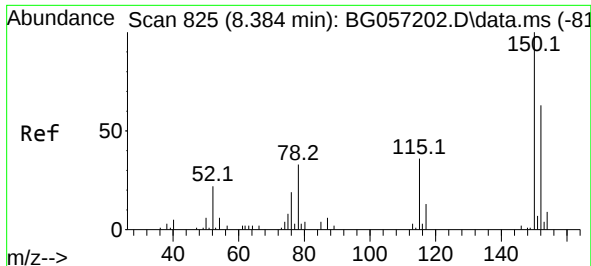
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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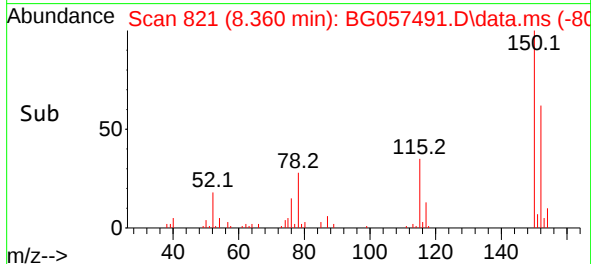
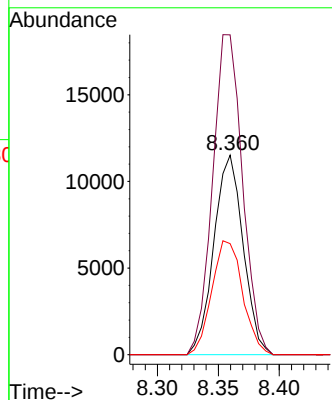
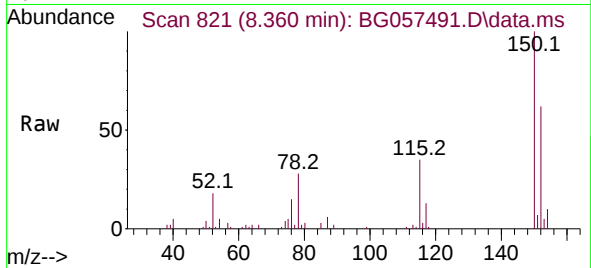




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

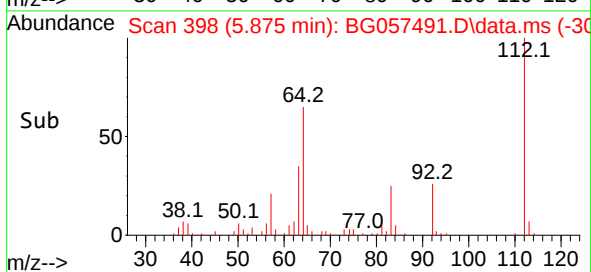
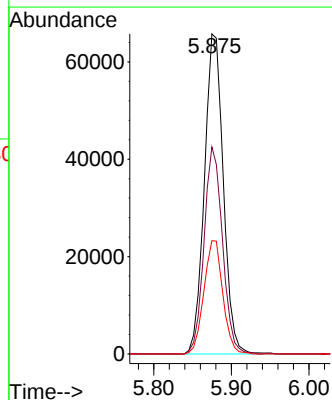
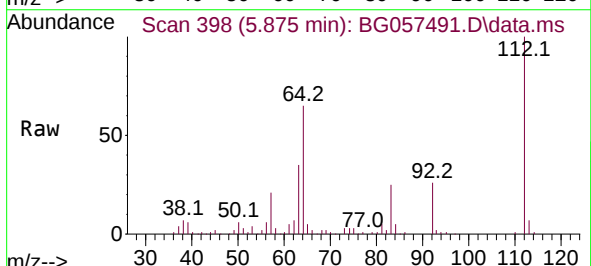
Instrument :
BNA_G
ClientSampleId :
TP10

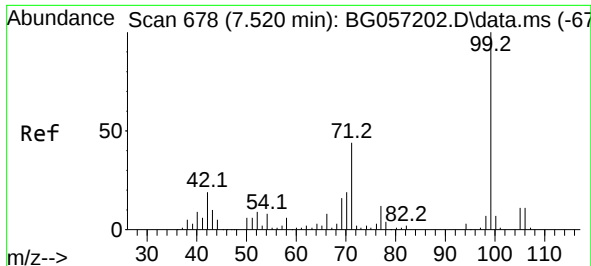
Tgt Ion:152 Resp: 19261
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.4
115 55.7 45.0 67.4



#5
2-Fluorophenol
Concen: 98.877 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

Tgt Ion:112 Resp: 111333
Ion Ratio Lower Upper
112 100
64 64.7 49.4 74.2
63 35.4 31.6 47.4

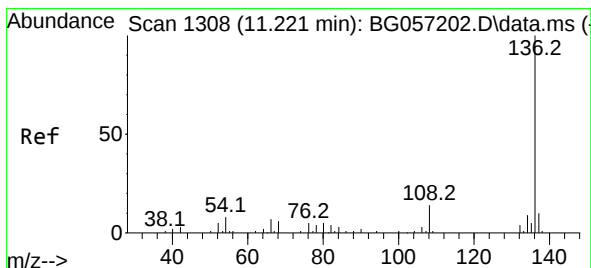
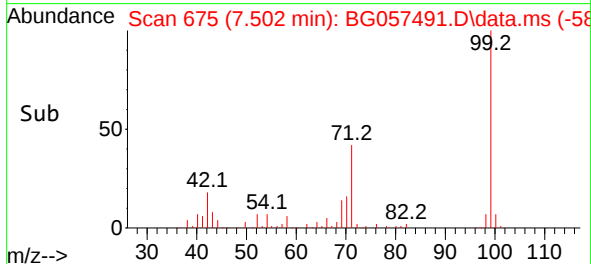
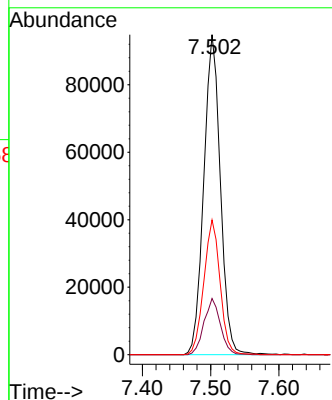
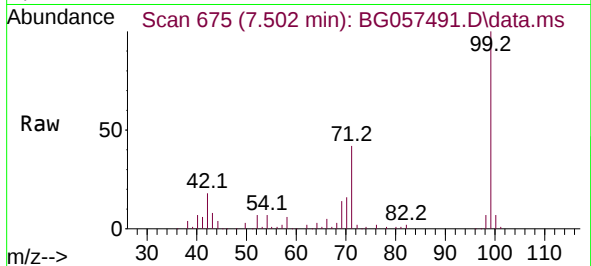




#7
Phenol-d6
Concen: 93.925 ng
RT: 7.502 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

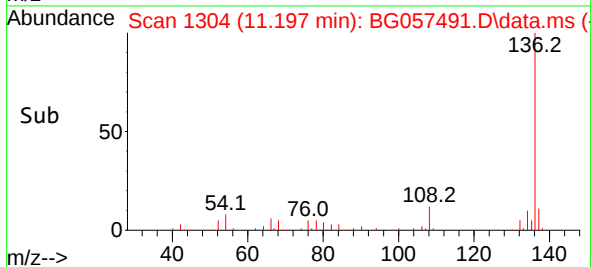
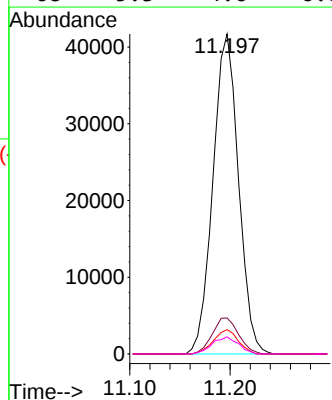
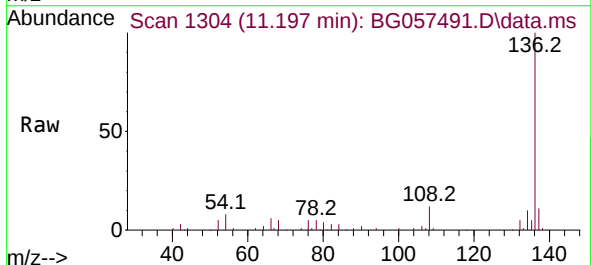
Instrument :
BNA_G
ClientSampleId :
TP10

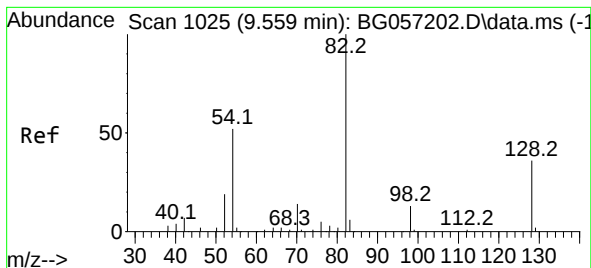
Tgt Ion: 99 Resp: 160596
Ion Ratio Lower Upper
99 100
42 17.5 15.1 22.7
71 42.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 1304
Delta R.T. -0.002 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

Tgt Ion: 136 Resp: 73576
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 7.6 6.7 10.1
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 59.017 ng

RT: 9.534 min Scan# 1021

Delta R.T. -0.002 min

Lab File: BG057491.D

Acq: 22 May 2023 13:09

Instrument :

BNA_G

ClientSampleId :

TP10

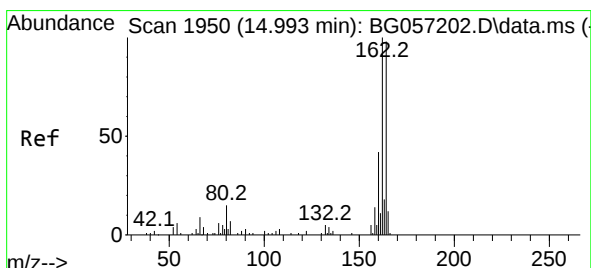
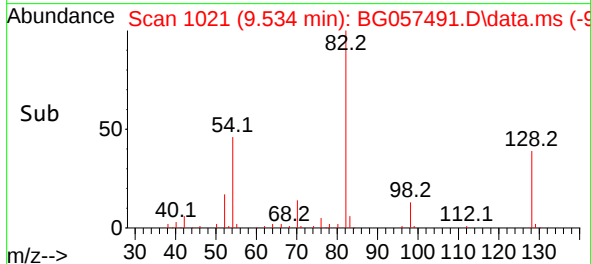
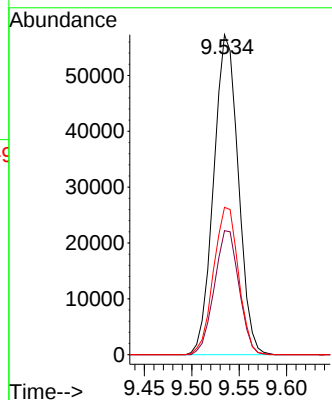
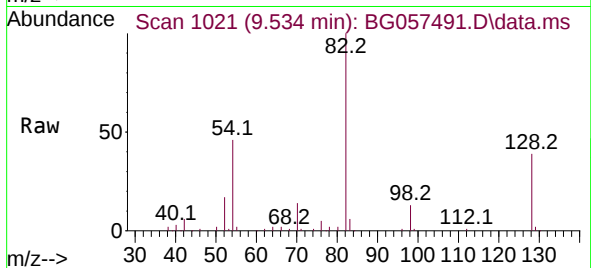
Tgt Ion: 82 Resp: 103459

Ion Ratio Lower Upper

82 100

128 38.8 29.0 43.4

54 46.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.974 min Scan# 1947

Delta R.T. -0.002 min

Lab File: BG057491.D

Acq: 22 May 2023 13:09

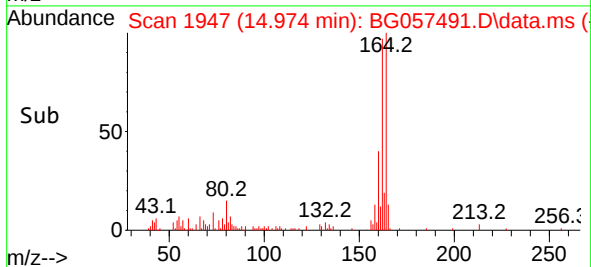
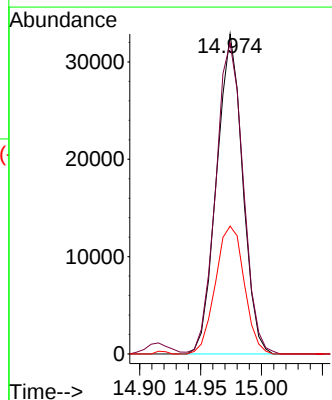
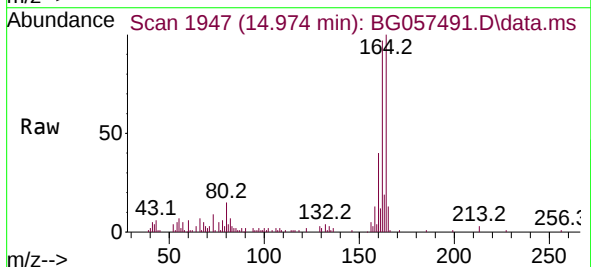
Tgt Ion:164 Resp: 48700

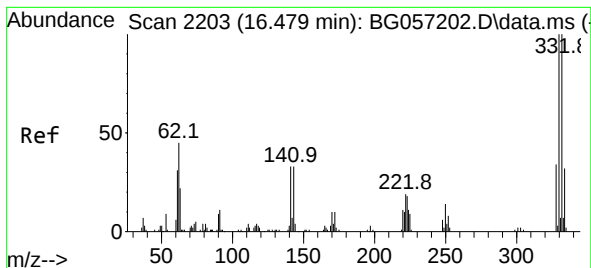
Ion Ratio Lower Upper

164 100

162 97.2 81.8 122.6

160 39.9 34.6 52.0

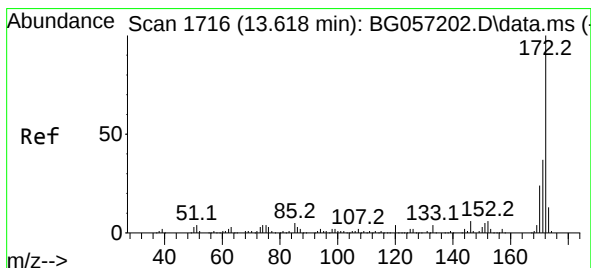
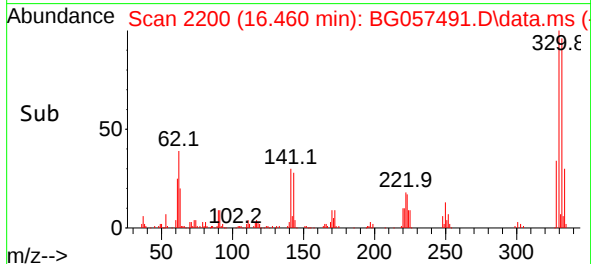
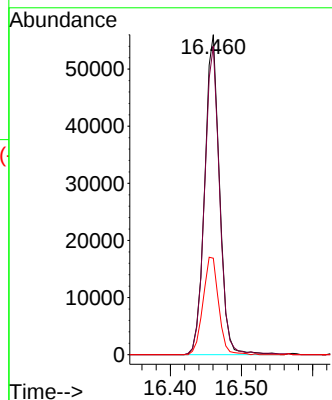
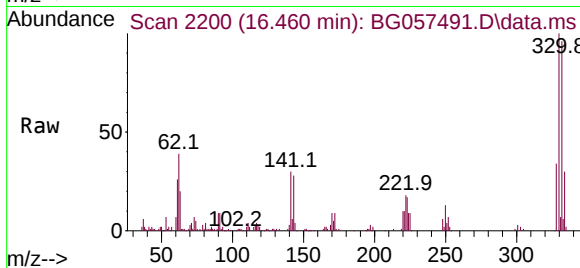




#42
2,4,6-Tribromophenol
Concen: 118.124 ng
RT: 16.460 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

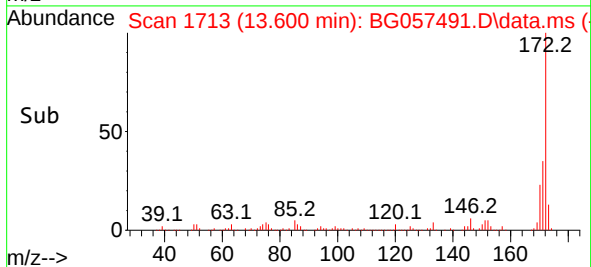
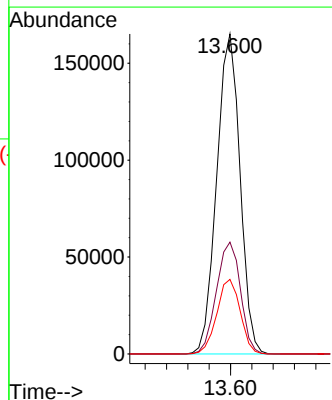
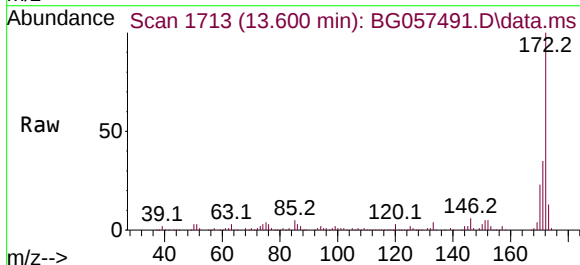
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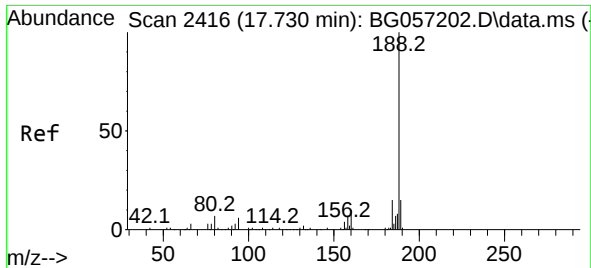
Tgt Ion:330 Resp: 81624
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.2
141 32.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 69.210 ng
RT: 13.600 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

Tgt Ion:172 Resp: 250261
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.0
170 23.3 19.0 28.6

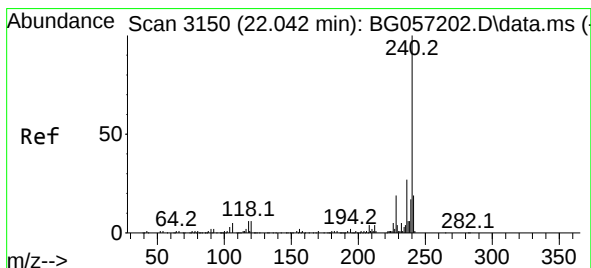
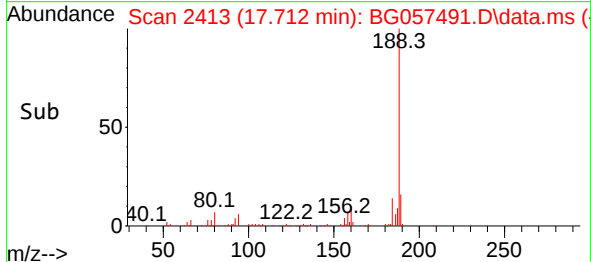
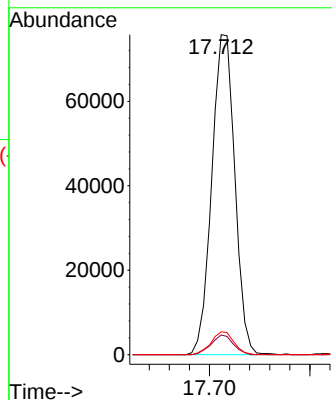
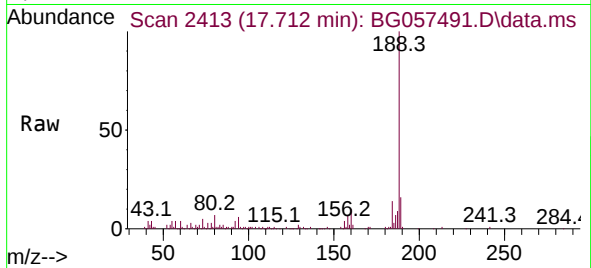




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2416
Delta R.T. -0.002 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

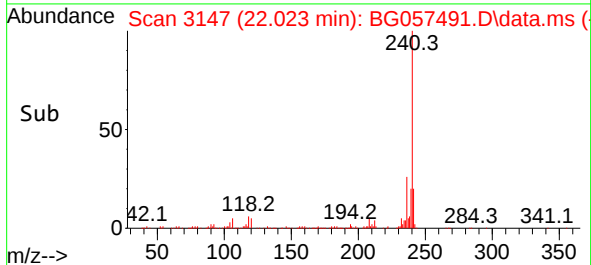
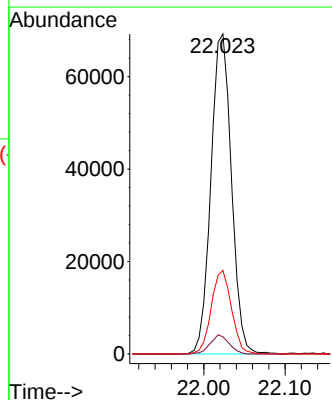
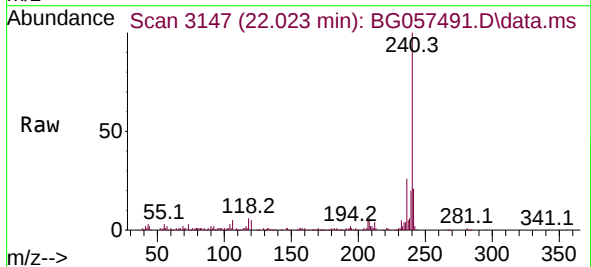
Instrument :
BNA_G
ClientSampleId :
TP10

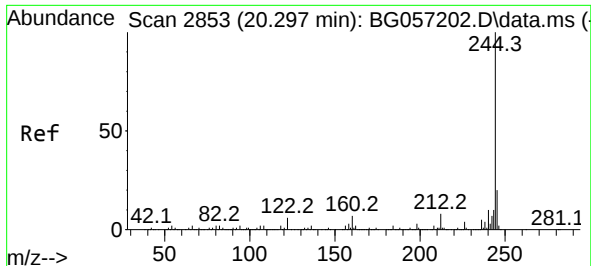
Tgt Ion:188 Resp: 120816
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.2 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.023 min Scan# 3147
Delta R.T. 0.004 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

Tgt Ion:240 Resp: 121501
Ion Ratio Lower Upper
240 100
120 5.4 4.9 7.3
236 26.1 21.4 32.2

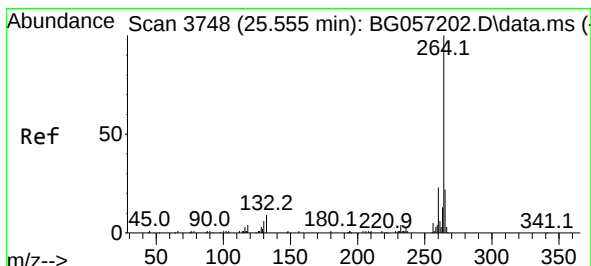
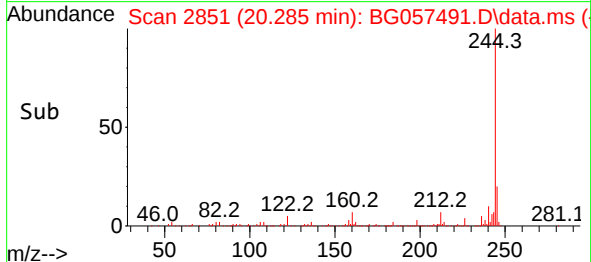
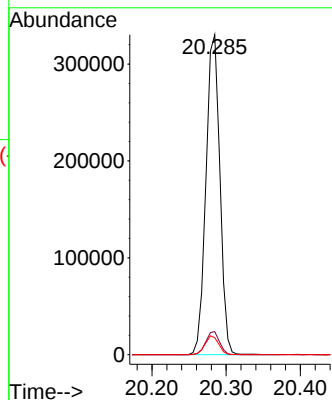
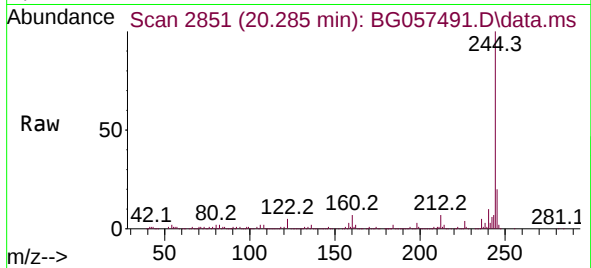




#79
Terphenyl-d14
Concen: 57.902 ng
RT: 20.285 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

Instrument :
BNA_G
ClientSampleId :
TP10

Tgt Ion:244 Resp: 431094
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 5.3 5.1 7.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.525 min Scan# 3743
Delta R.T. 0.010 min
Lab File: BG057491.D
Acq: 22 May 2023 13:09

Tgt Ion:264 Resp: 131296
Ion Ratio Lower Upper
264 100
260 25.3 18.8 28.2
265 22.5 17.9 26.9

