

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057729.D
 Acq On : 15 Jun 2023 18:09
 Operator : CG/JU
 Sample : 03117-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2GA

Quant Time: Jun 16 01:09:46 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	7.936	152	45988	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	181401	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	113773	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	272293	20.000	ng	0.00
76) Chrysene-d12	21.567	240	254029	20.000	ng	0.00
86) Perylene-d12	24.728	264	303744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	371906	131.680	ng	0.00
7) Phenol-d6	7.095	99	464226	106.994	ng	0.00
23) Nitrobenzene-d5	9.099	82	317851	104.717	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	204773	161.325	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	661312	86.642	ng	0.00
79) Terphenyl-d14	19.933	244	1170630	85.200	ng	0.00

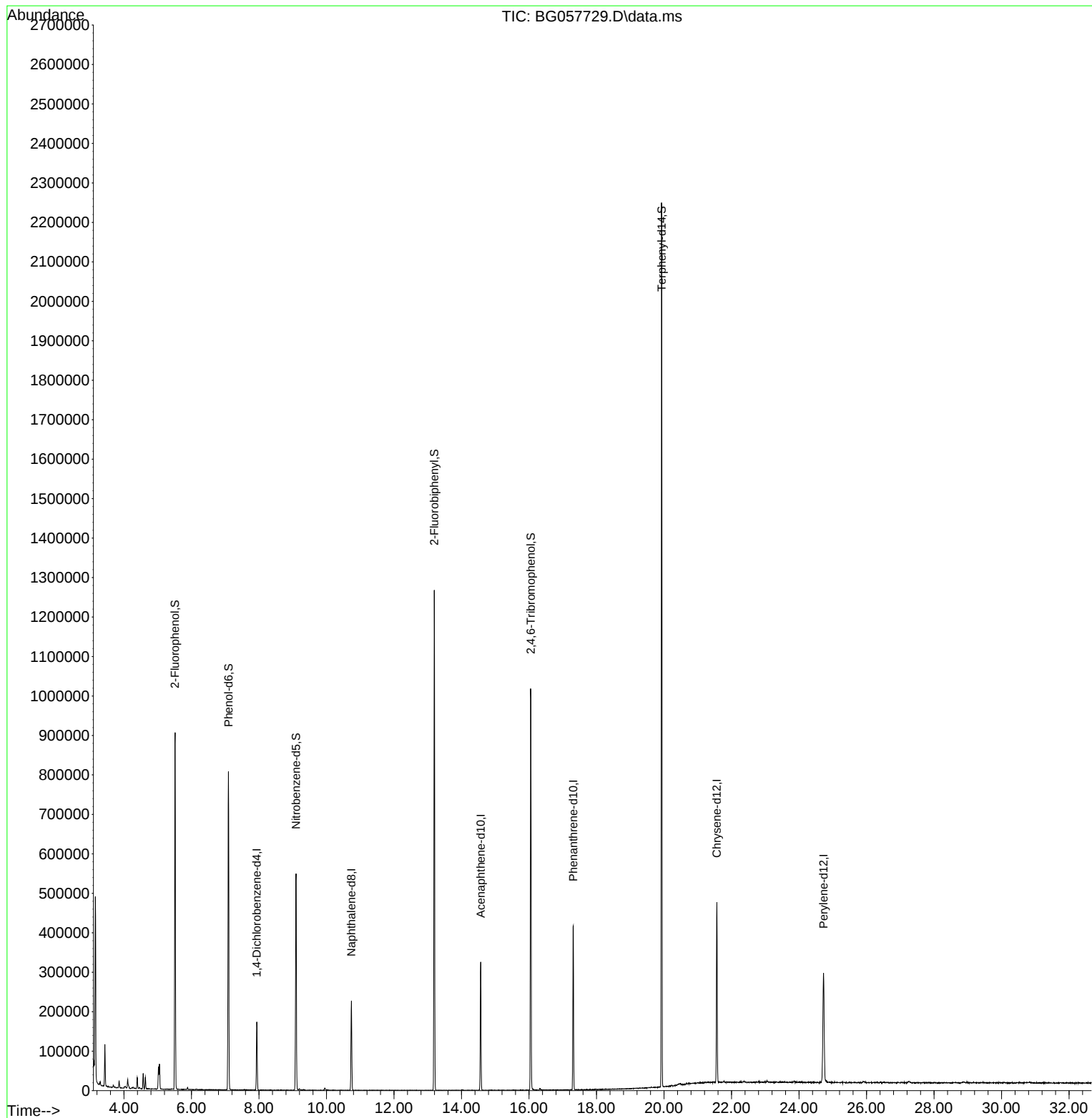
Target Compounds	Qvalue

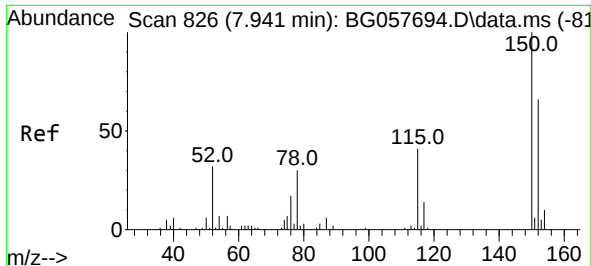
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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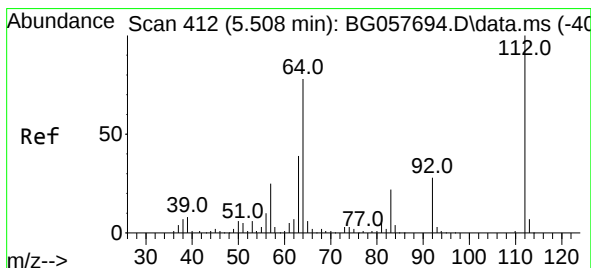
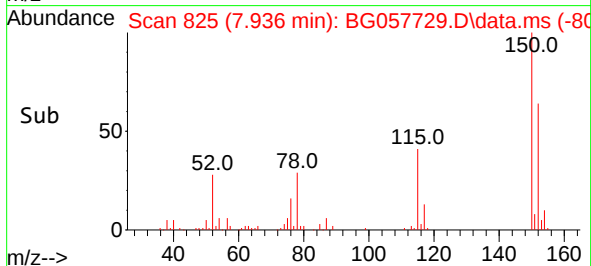
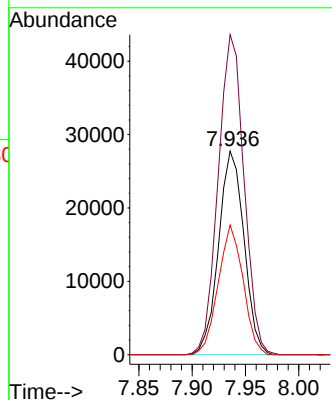
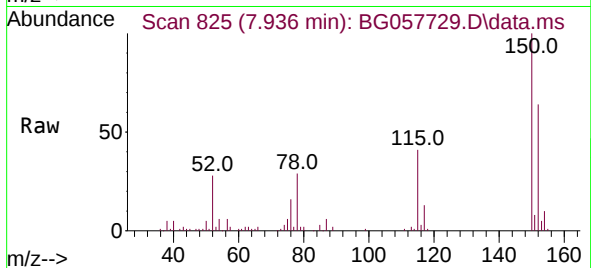




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

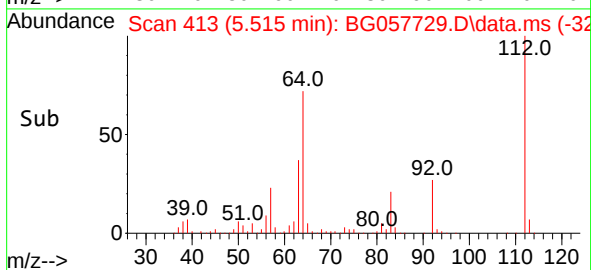
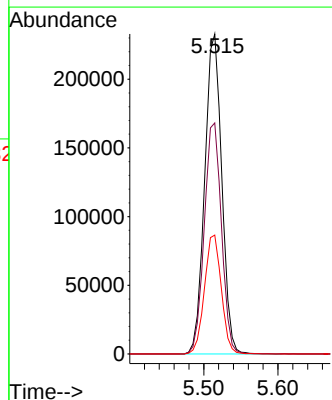
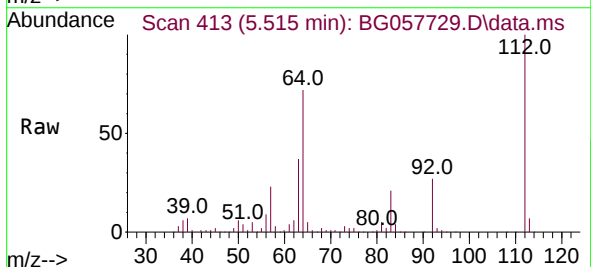
Instrument :
BNA_G
ClientSampleId :
TP-2GA

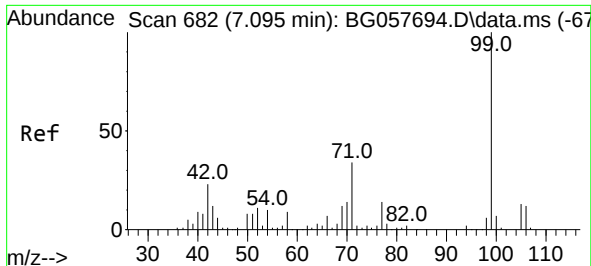
Tgt Ion:152 Resp: 45988
Ion Ratio Lower Upper
152 100
150 157.3 120.8 181.2
115 63.7 49.4 74.2



#5
2-Fluorophenol
Concen: 131.680 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.005 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion:112 Resp: 371906
Ion Ratio Lower Upper
112 100
64 72.2 62.3 93.5
63 37.2 31.5 47.3

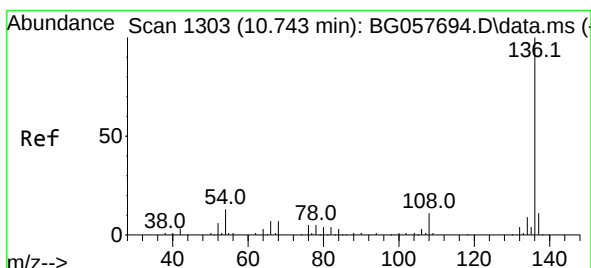
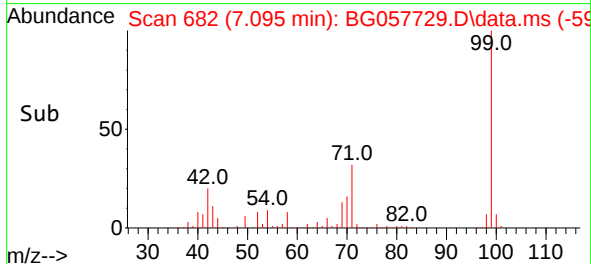
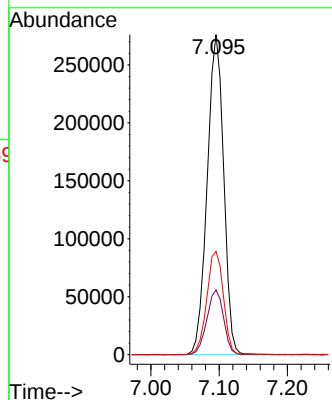
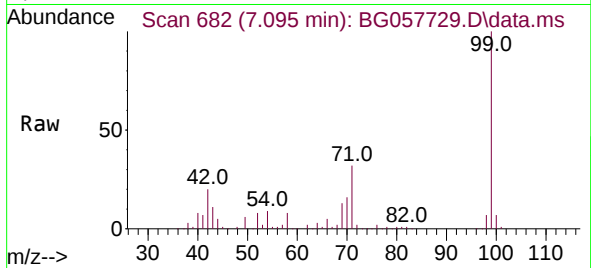




#7
Phenol-d6
Concen: 106.994 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

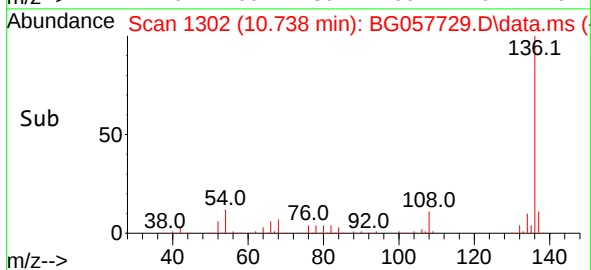
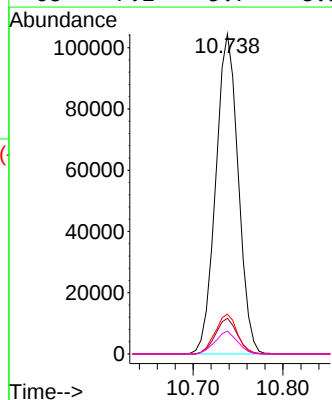
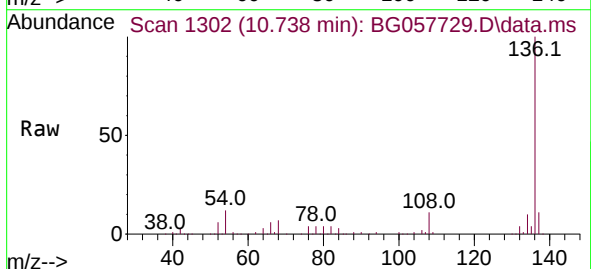
Instrument :
BNA_G
ClientSampleId :
TP-2GA

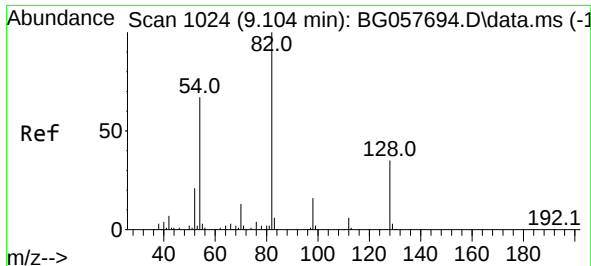
Tgt Ion: 99 Resp: 464226
Ion Ratio Lower Upper
99 100
42 20.2 18.3 27.5
71 32.3 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion: 136 Resp: 181401
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.4 10.8 16.2
68 7.2 5.7 8.5

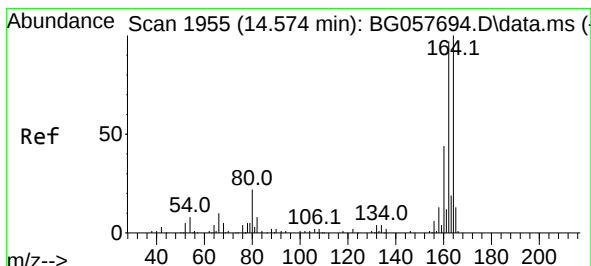
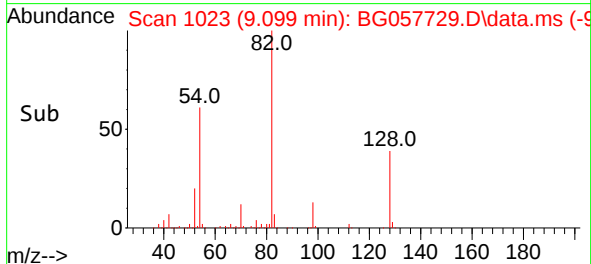
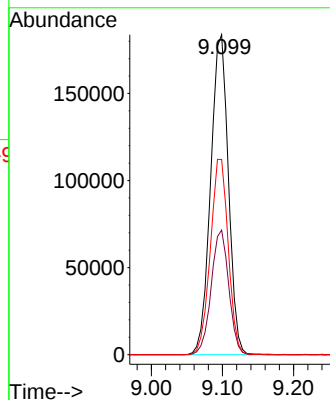
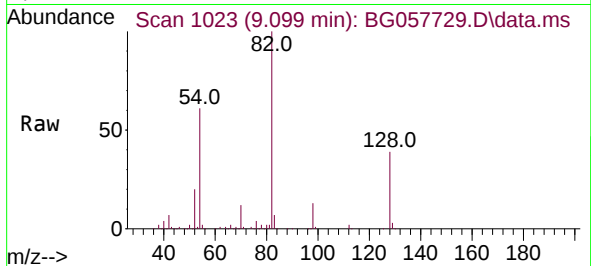




#23
Nitrobenzene-d5
Concen: 104.717 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.001 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

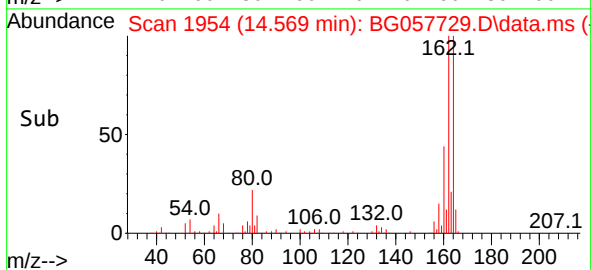
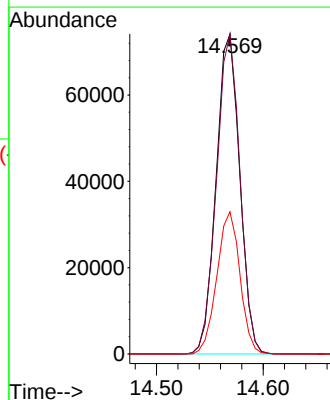
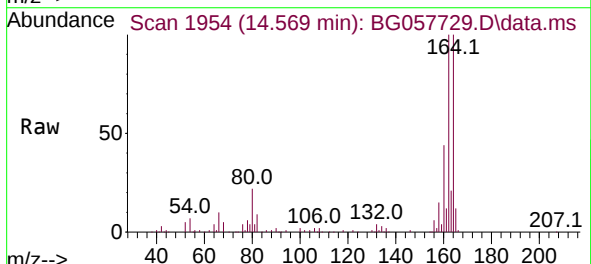
Instrument :
BNA_G
ClientSampleId :
TP-2GA

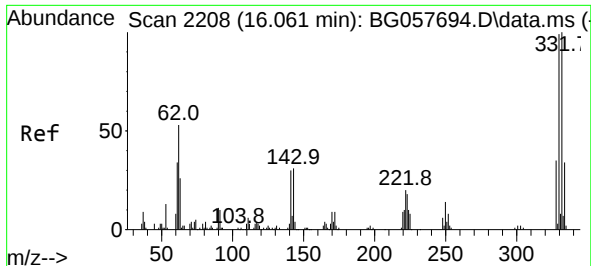
Tgt Ion: 82 Resp: 317851
Ion Ratio Lower Upper
82 100
128 38.9 27.7 41.5
54 61.0 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion:164 Resp: 113773
Ion Ratio Lower Upper
164 100
162 100.0 77.7 116.5
160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 161.325 ng

RT: 16.055 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

Instrument :

BNA_G

ClientSampleId :

TP-2GA

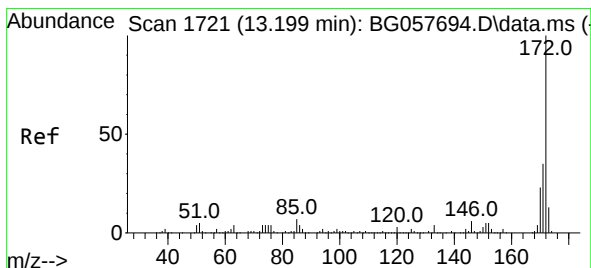
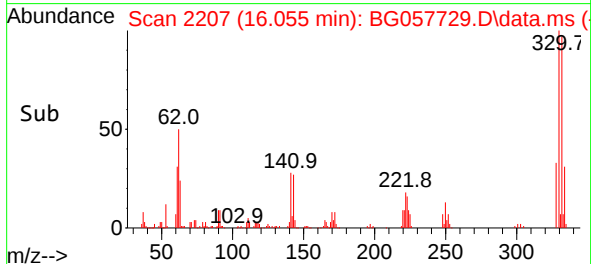
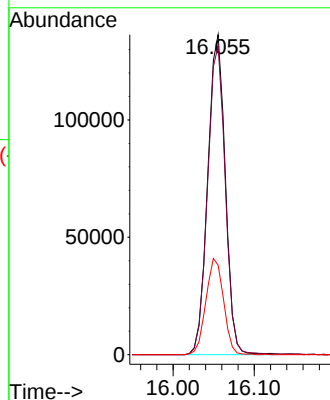
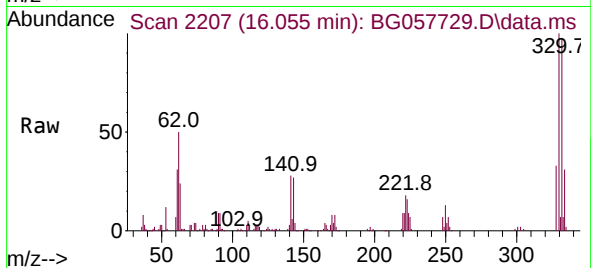
Tgt Ion:330 Resp: 204773

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.6

141 30.2 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 86.642 ng

RT: 13.194 min Scan# 1720

Delta R.T. -0.007 min

Lab File: BG057729.D

Acq: 15 Jun 2023 18:09

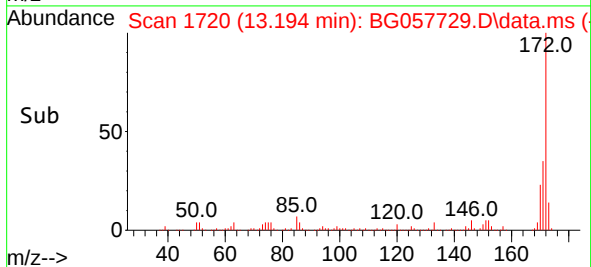
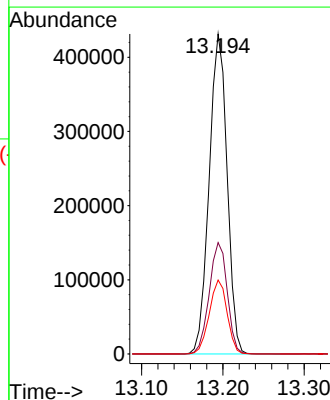
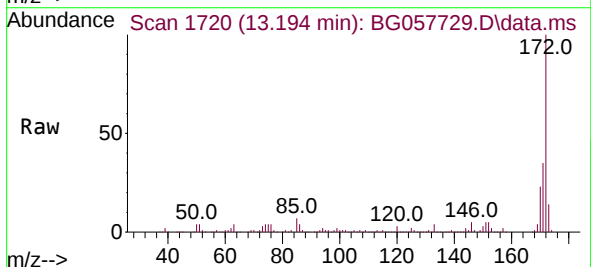
Tgt Ion:172 Resp: 661312

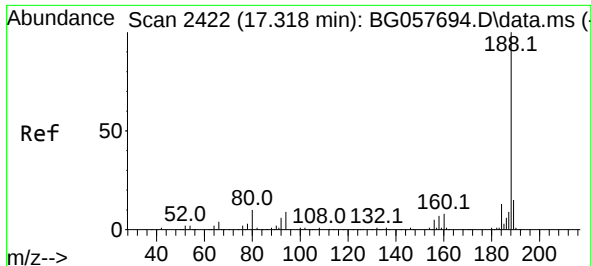
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.1 18.2 27.4

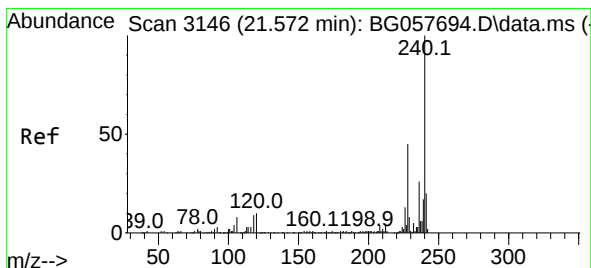
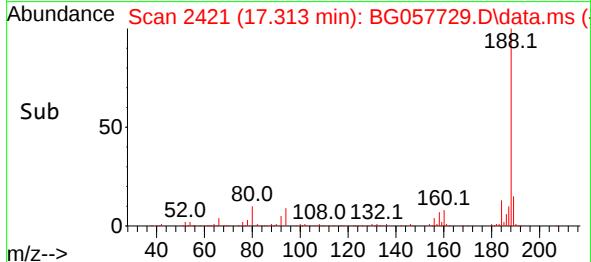
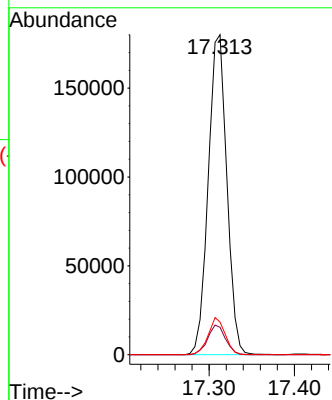
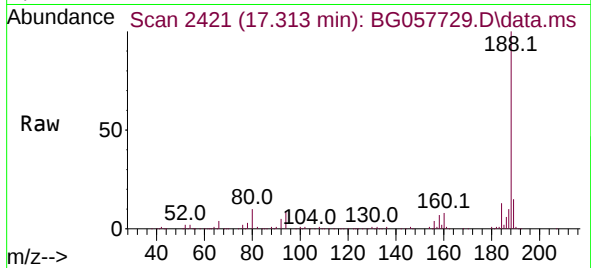




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

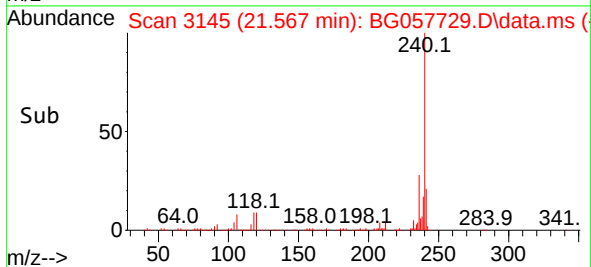
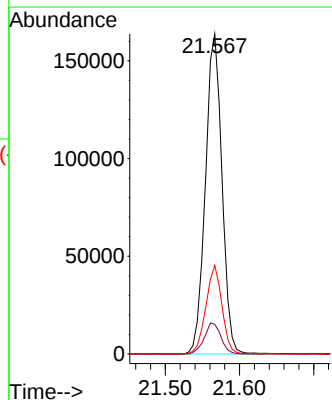
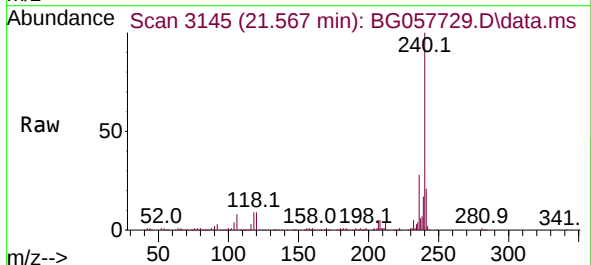
Instrument :
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ClientSampleId :
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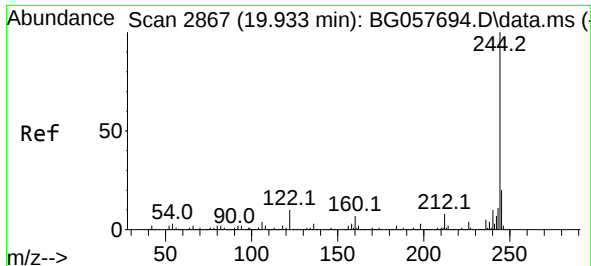
Tgt Ion:188 Resp: 272293
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057729.D
Acq: 15 Jun 2023 18:09

Tgt Ion:240 Resp: 254029
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 27.6 20.7 31.1

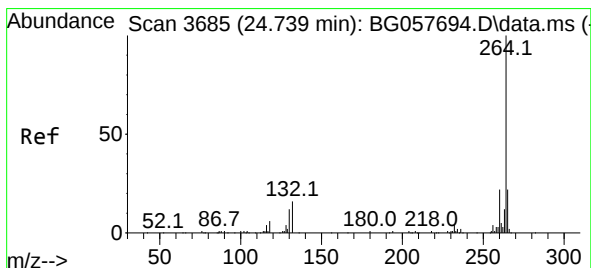
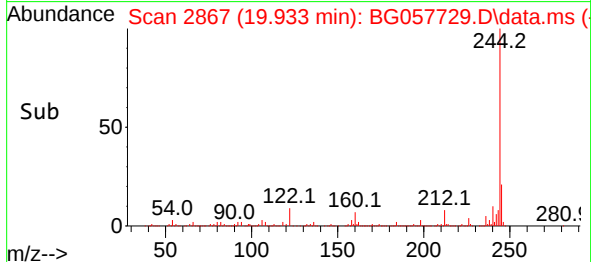
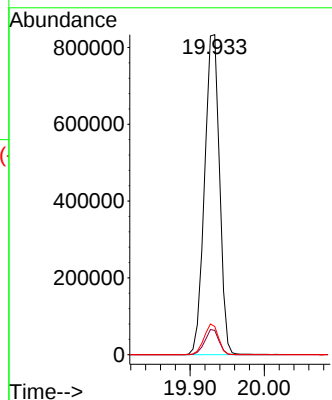
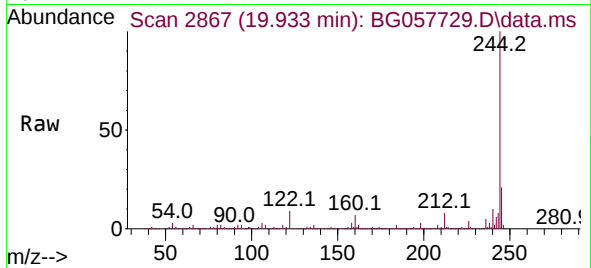




#79
 Terphenyl-d14
 Concen: 85.200 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057729.D
 Acq: 15 Jun 2023 18:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-2GA

Tgt Ion:244 Resp: 1170630
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.728 min Scan# 3683
 Delta R.T. -0.007 min
 Lab File: BG057729.D
 Acq: 15 Jun 2023 18:09

Tgt Ion:264 Resp: 303744
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.3 25.9
 265 21.8 17.5 26.3

