

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059731.D
 Acq On : 17 Nov 2023 14:27
 Operator : MA/JU
 Sample : 05388-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Nov 17 15:03:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	26862	20.000	ng	# 0.00
21) Naphthalene-d8	11.184	136	109757	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	70668	20.000	ng	0.00
64) Phenanthrene-d10	17.717	188	154368	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	122970	20.000	ng	# 0.00
86) Perylene-d12	25.626	264	209762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	204917	128.398	ng	0.00
7) Phenol-d6	7.465	99	251868	106.496	ng	0.00
23) Nitrobenzene-d5	9.539	82	269294	93.706	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	116624	145.450	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	509757	97.096	ng	0.00
79) Terphenyl-d14	20.297	244	862445	103.536	ng	0.00

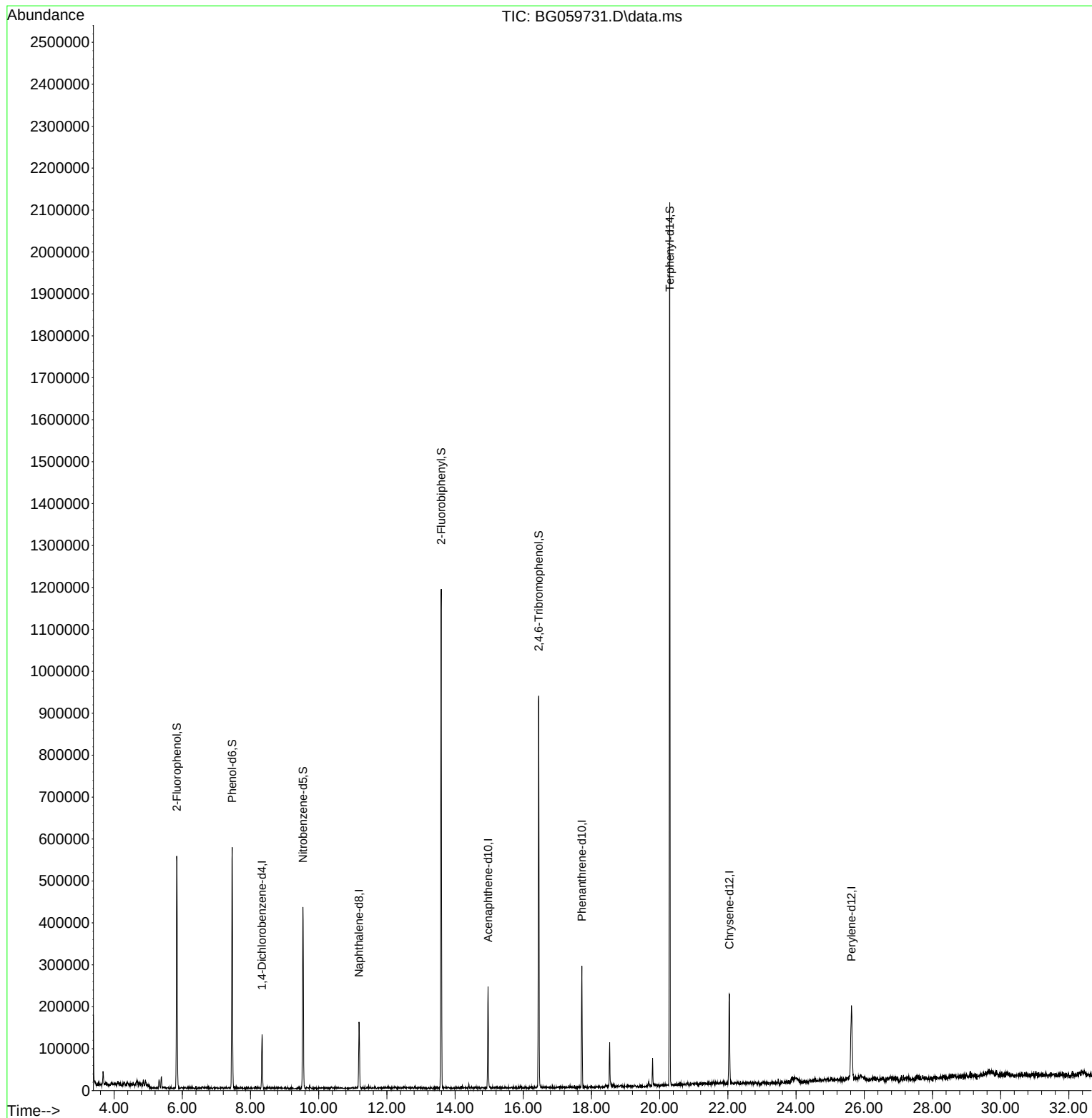
Target Compounds	Qvalue

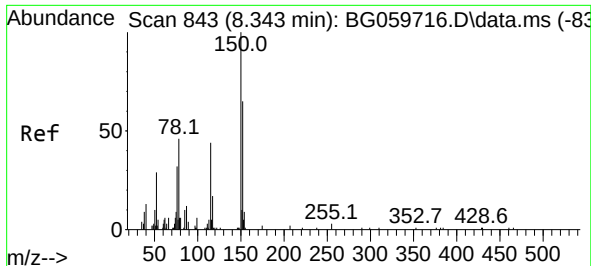
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
Data File : BG059731.D
Acq On : 17 Nov 2023 14:27
Operator : MA/JU
Sample : 05388-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Nov 17 15:03:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

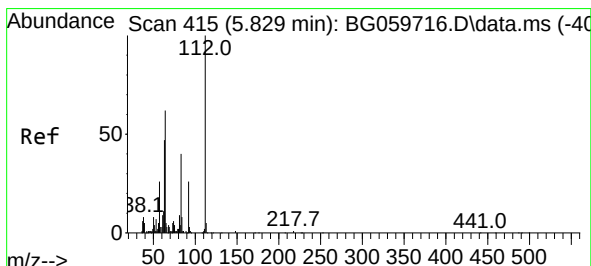
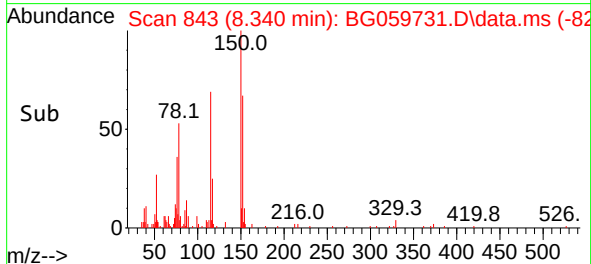
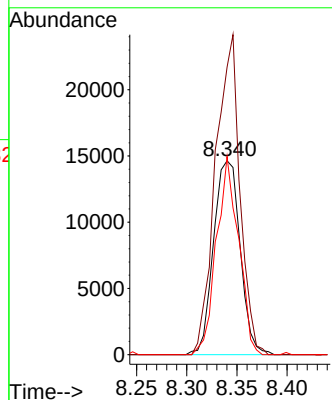
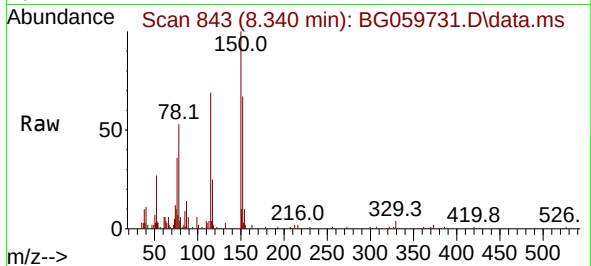




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

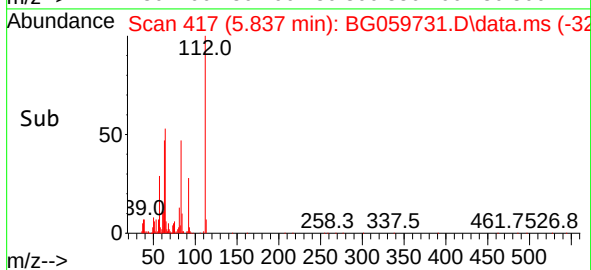
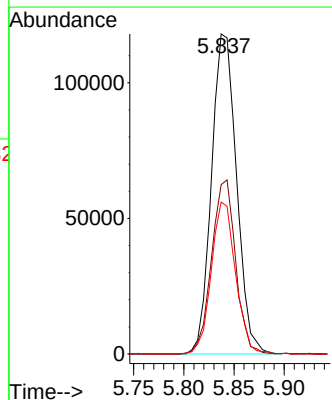
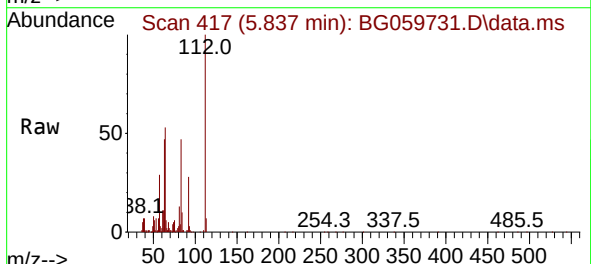
Instrument :
BNA_G
ClientSampleId :
TP-4

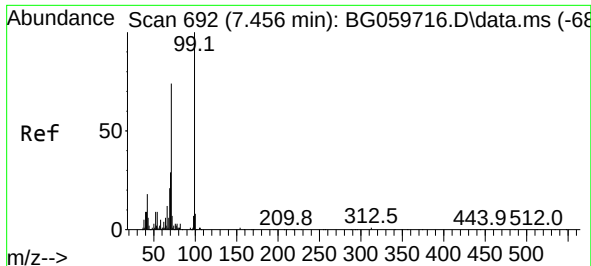
Tgt Ion:152 Resp: 26862
Ion Ratio Lower Upper
152 100
150 148.3 122.2 183.4
115 102.2 54.2 81.4#



#5
2-Fluorophenol
Concen: 128.398 ng
RT: 5.837 min Scan# 417
Delta R.T. 0.009 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Tgt Ion:112 Resp: 204917
Ion Ratio Lower Upper
112 100
64 52.9 49.5 74.3
63 47.5 37.4 56.2

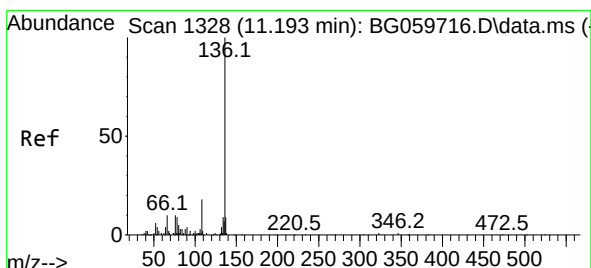
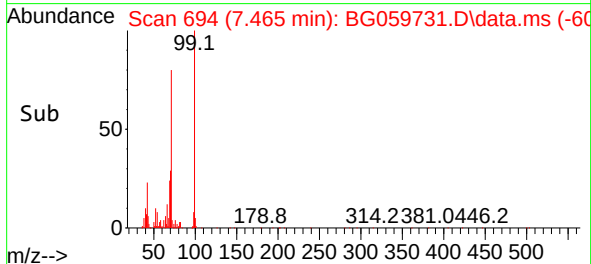
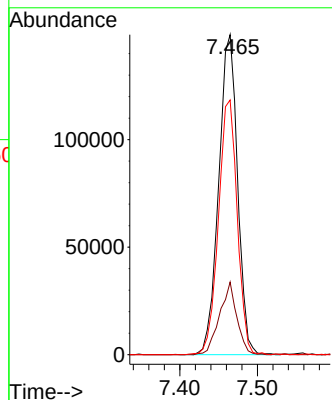
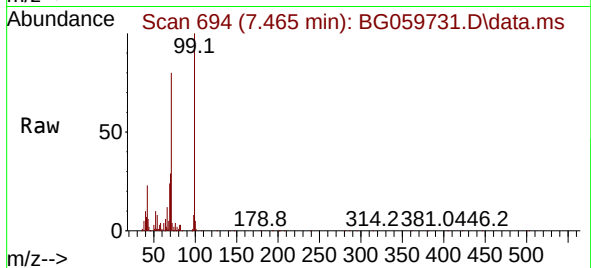




#7
Phenol-d6
Concen: 106.496 ng
RT: 7.465 min Scan# 694
Delta R.T. 0.009 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

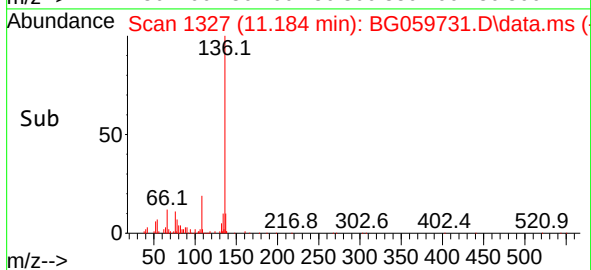
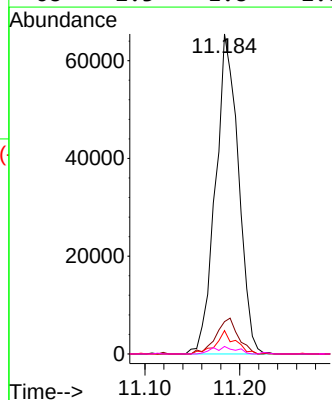
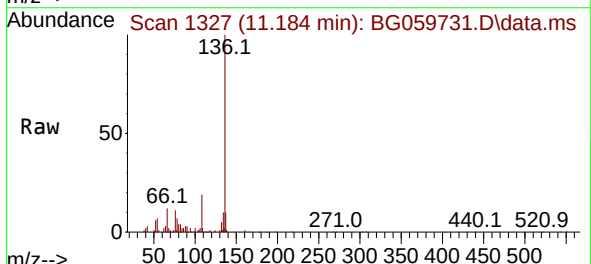
Instrument :
BNA_G
ClientSampleId :
TP-4

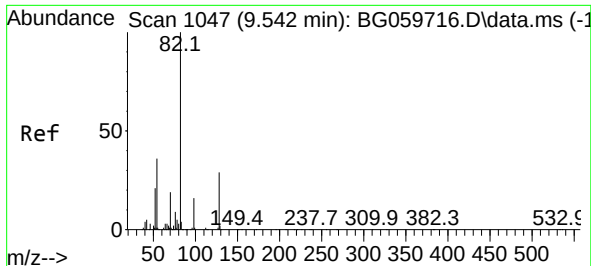
Tgt Ion: 99 Resp: 251868
Ion Ratio Lower Upper
99 100
42 22.7 14.3 21.5#
71 79.6 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Tgt Ion: 136 Resp: 109757
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.0
54 7.3 3.1 4.7#
68 2.3 1.8 2.8





#23

Nitrobenzene-d5

Concen: 93.706 ng

RT: 9.539 min Scan# 1047

Delta R.T. -0.003 min

Lab File: BG059731.D

Acq: 17 Nov 2023 14:27

Instrument :

BNA_G

ClientSampleId :

TP-4

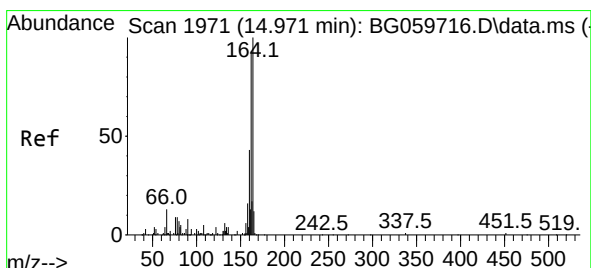
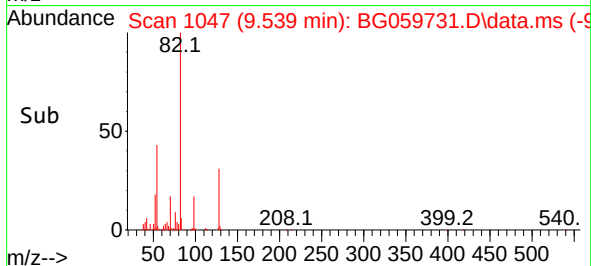
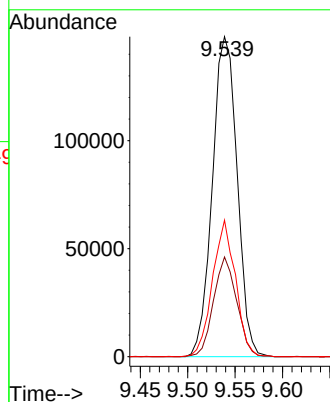
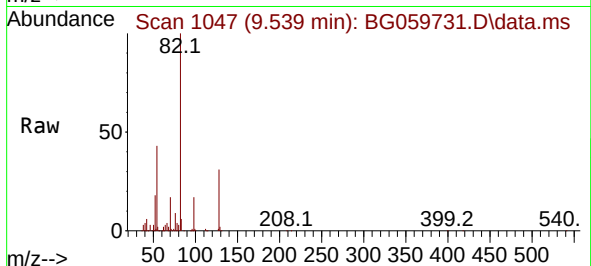
Tgt Ion: 82 Resp: 269294

Ion Ratio Lower Upper

82 100

128 31.2 23.0 34.6

54 42.7 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.968 min Scan# 1971

Delta R.T. -0.003 min

Lab File: BG059731.D

Acq: 17 Nov 2023 14:27

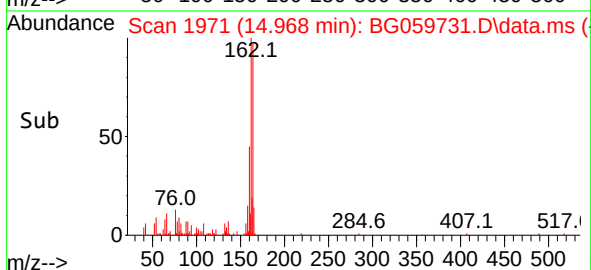
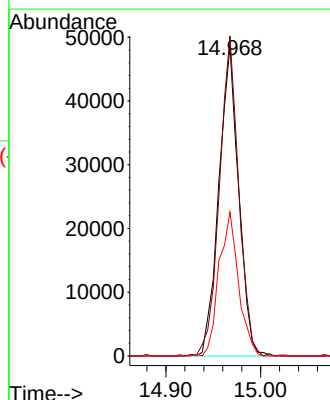
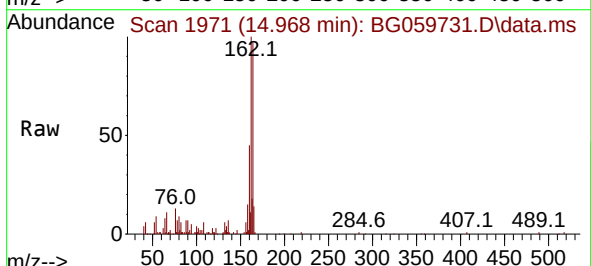
Tgt Ion:164 Resp: 70668

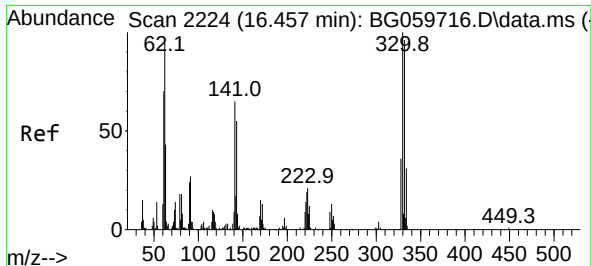
Ion Ratio Lower Upper

164 100

162 103.2 73.3 109.9

160 46.4 34.1 51.1

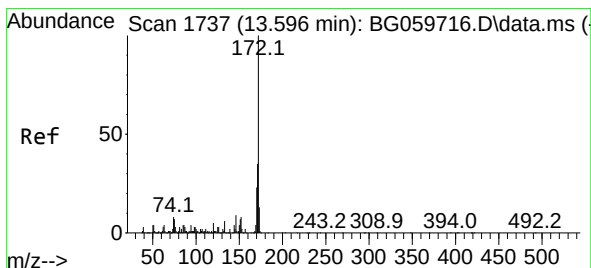
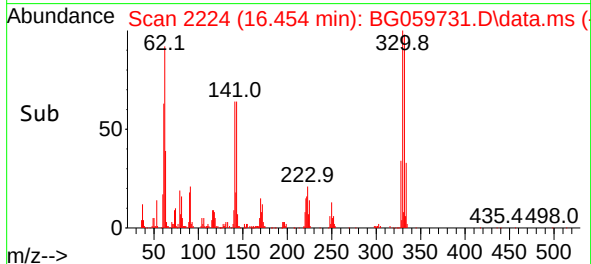
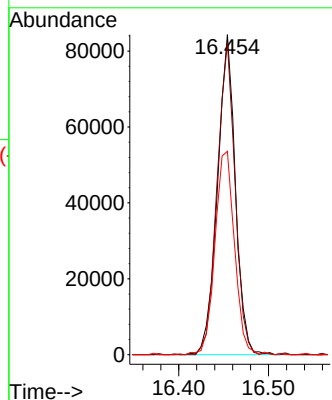
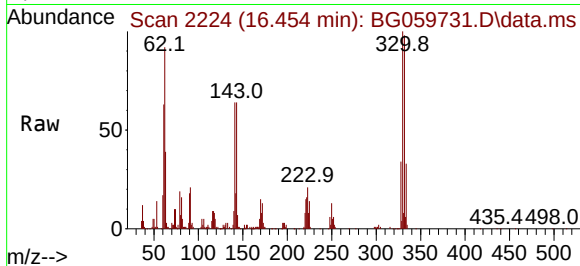




#42
2,4,6-Tribromophenol
Concen: 145.450 ng
RT: 16.454 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

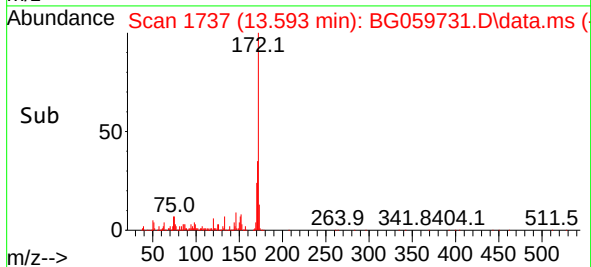
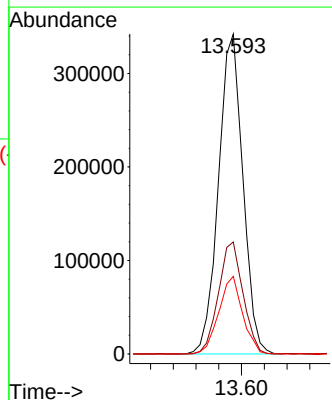
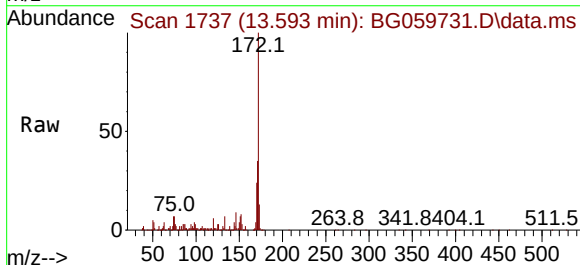
Instrument :
BNA_G
ClientSampleId :
TP-4

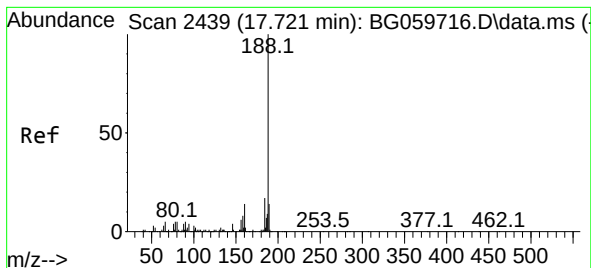
Tgt Ion:330 Resp: 116624
Ion Ratio Lower Upper
330 100
332 98.1 73.3 109.9
141 69.4 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 97.096 ng
RT: 13.593 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG059731.D
Acq: 17 Nov 2023 14:27

Tgt Ion:172 Resp: 509757
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 24.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.717 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG059731.D

Acq: 17 Nov 2023 14:27

Instrument :

BNA_G

ClientSampleId :

TP-4

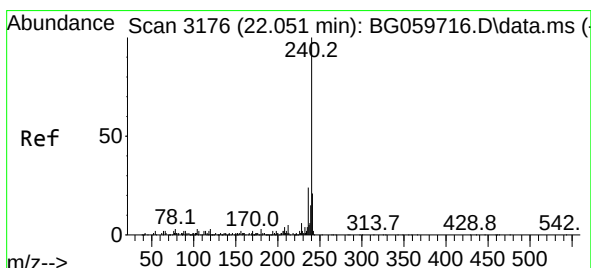
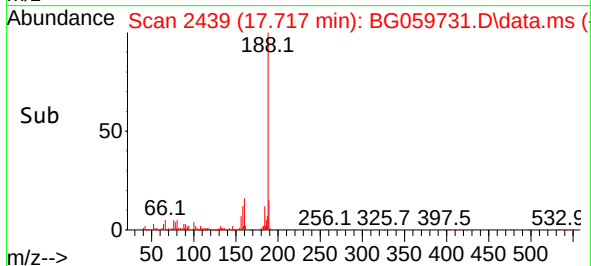
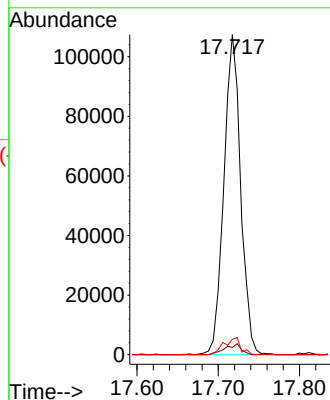
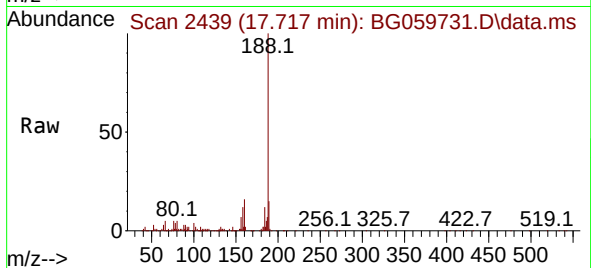
Tgt Ion:188 Resp: 154368

Ion Ratio Lower Upper

188 100

94 2.3 3.0 4.4#

80 5.1 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.042 min Scan# 3175

Delta R.T. -0.009 min

Lab File: BG059731.D

Acq: 17 Nov 2023 14:27

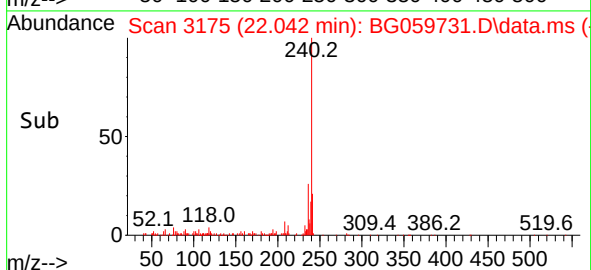
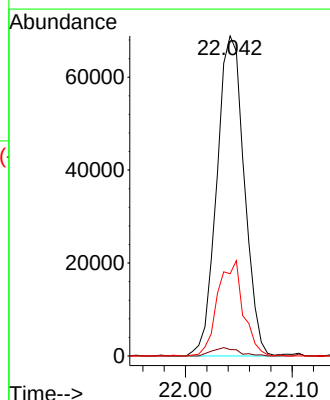
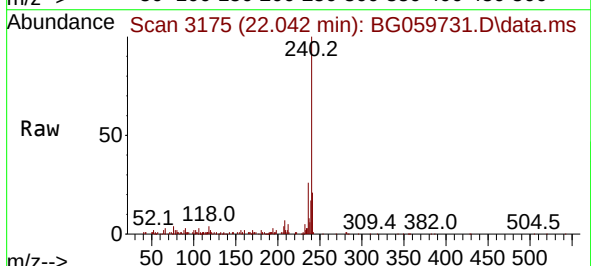
Tgt Ion:240 Resp: 122970

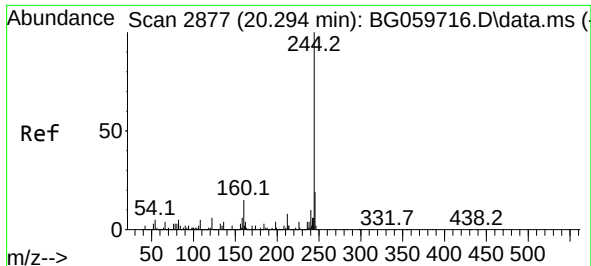
Ion Ratio Lower Upper

240 100

120 2.0 2.2 3.2#

236 25.7 19.4 29.2

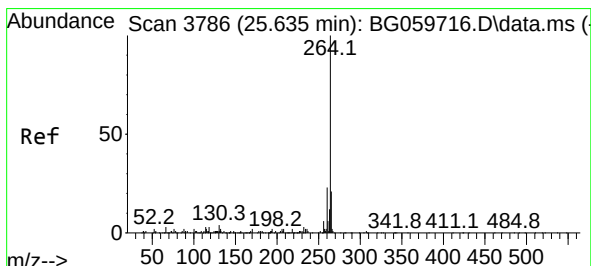
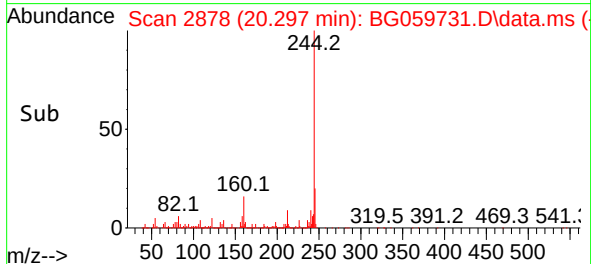
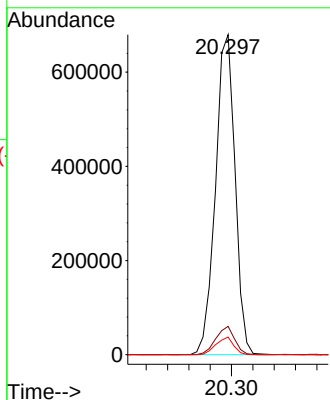
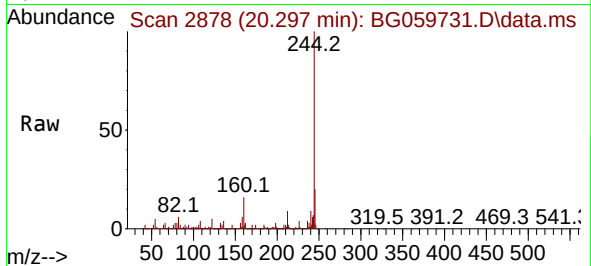




#79
 Terphenyl-d14
 Concen: 103.536 ng
 RT: 20.297 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG059731.D
 Acq: 17 Nov 2023 14:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 862445
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 5.5 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 3785
 Delta R.T. -0.009 min
 Lab File: BG059731.D
 Acq: 17 Nov 2023 14:27

Tgt Ion:264 Resp: 209762
 Ion Ratio Lower Upper
 264 100
 260 19.6 18.5 27.7
 265 19.8 17.0 25.6

