

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059757.D
 Acq On : 18 Nov 2023 9:51
 Operator : MA/JU
 Sample : 05351-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11985

Quant Time: Nov 18 10:42:39 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)

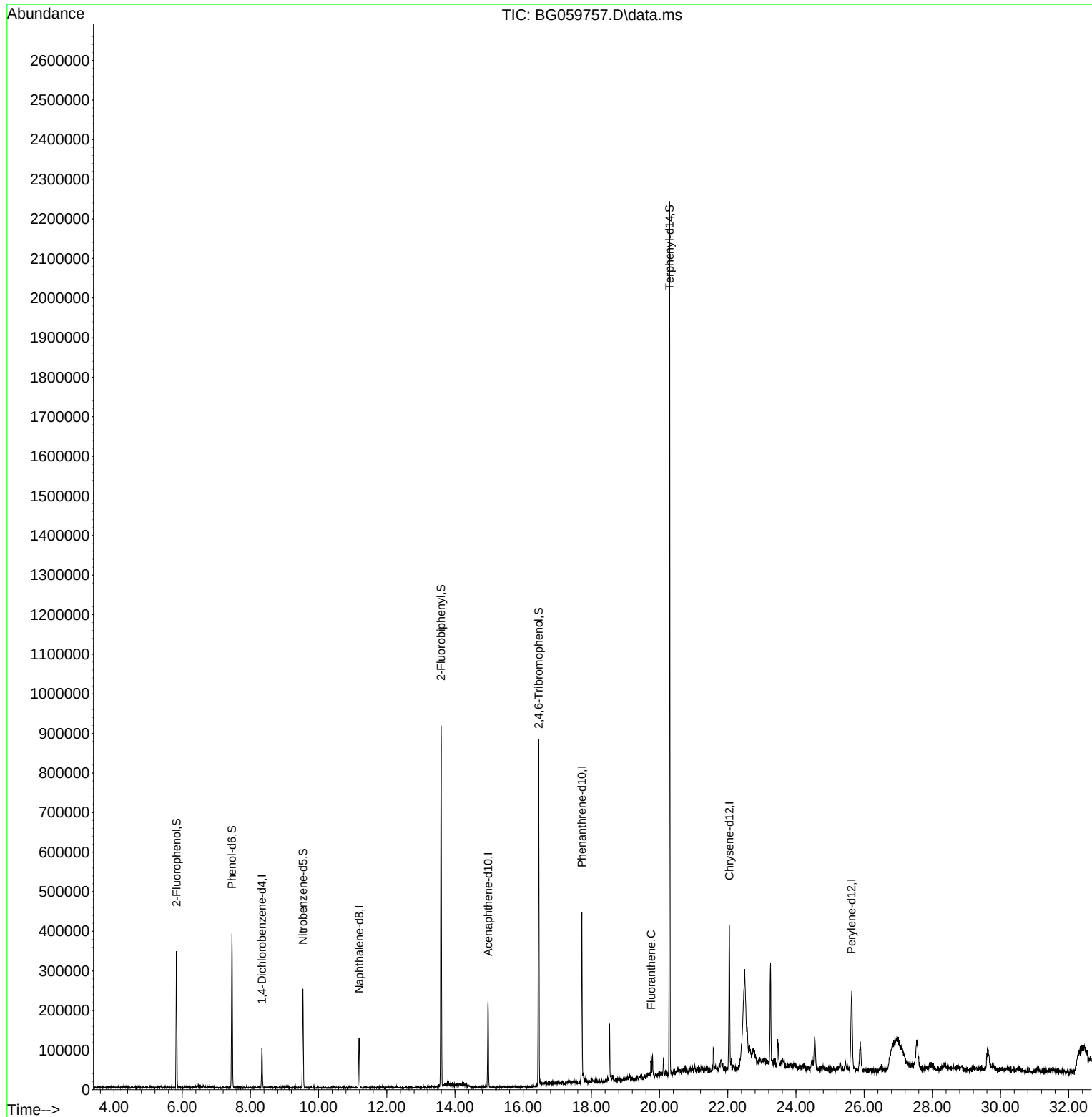
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	19038	20.000	ng	# 0.00
21) Naphthalene-d8	11.192	136	83516	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	70663	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	232222	20.000	ng	# 0.00
76) Chrysene-d12	22.044	240	197339	20.000	ng	0.00
86) Perylene-d12	25.628	264	234747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	108692	96.094	ng	0.00
7) Phenol-d6	7.461	99	166631	99.411	ng	0.00
23) Nitrobenzene-d5	9.541	82	148979	68.128	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	106489	132.819	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	378929	72.181	ng	0.00
79) Terphenyl-d14	20.293	244	834157	62.401	ng	0.00
Target Compounds						
75) Fluoranthene	19.752	202	29703	2.098	ng	Qvalue 90

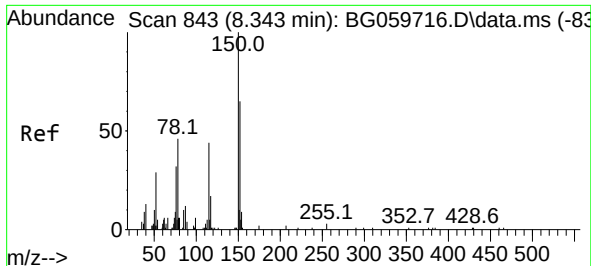
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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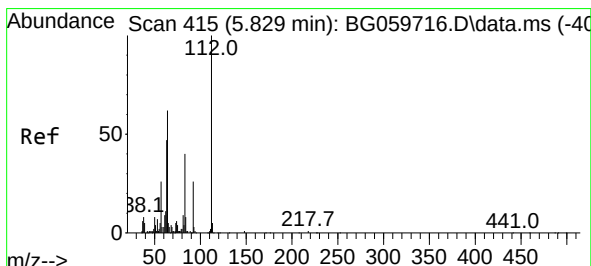
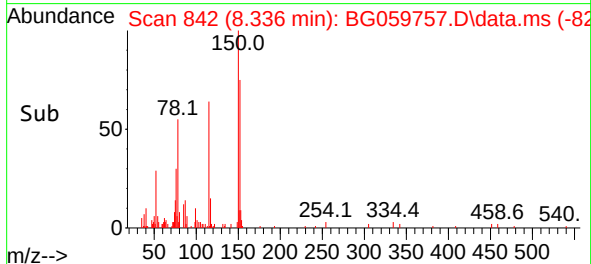
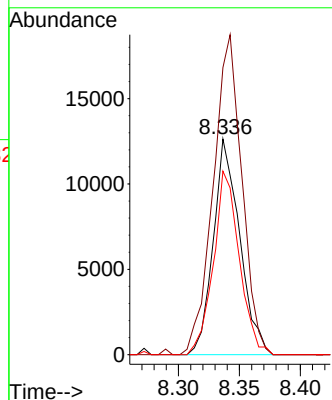
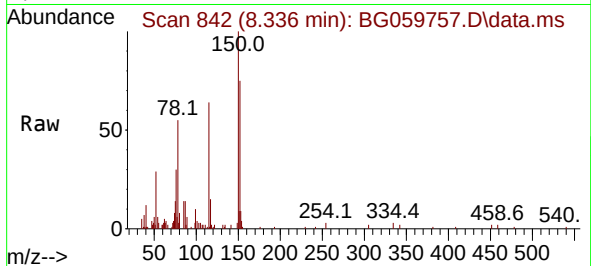




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

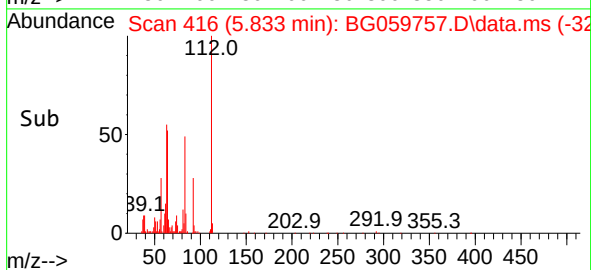
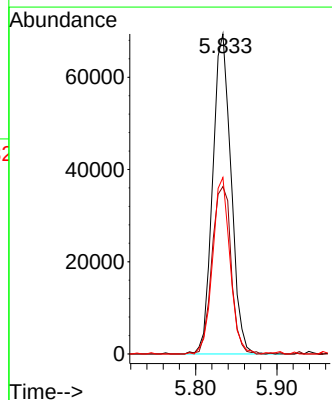
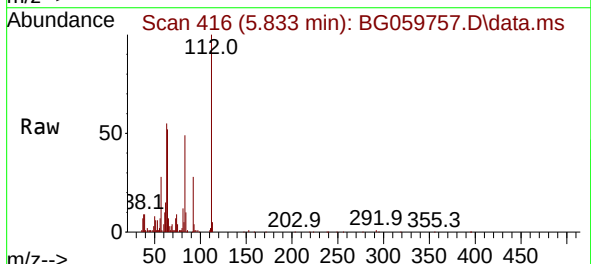
Instrument :
BNA_G
ClientSampleId :
72-11985

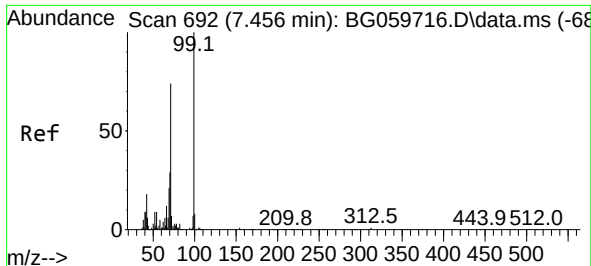
Tgt Ion:152 Resp: 19038
Ion Ratio Lower Upper
152 100
150 133.1 122.2 183.4
115 85.1 54.2 81.4#



#5
2-Fluorophenol
Concen: 96.094 ng
RT: 5.833 min Scan# 416
Delta R.T. 0.005 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

Tgt Ion:112 Resp: 108692
Ion Ratio Lower Upper
112 100
64 52.3 49.5 74.3
63 55.2 37.4 56.2

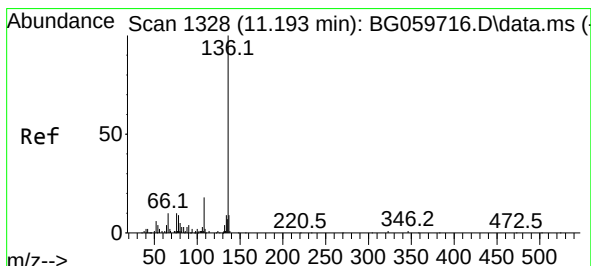
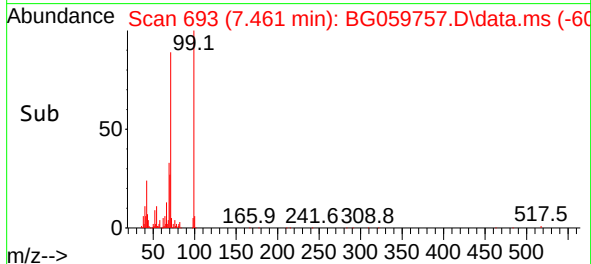
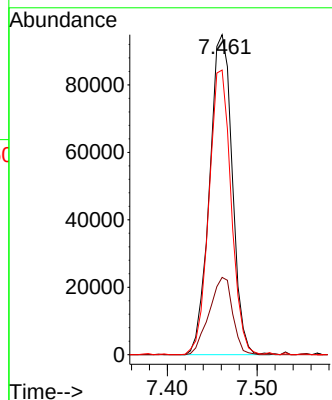
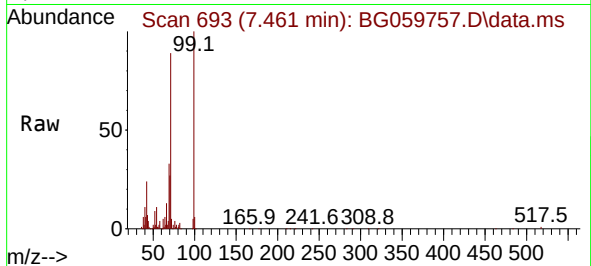




#7
Phenol-d6
Concen: 99.411 ng
RT: 7.461 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

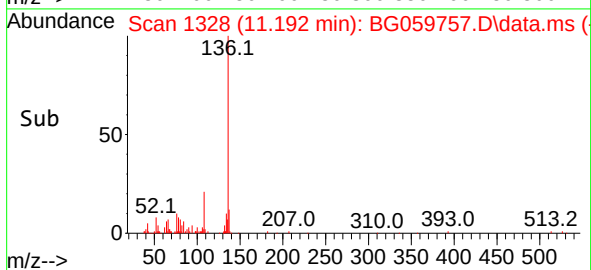
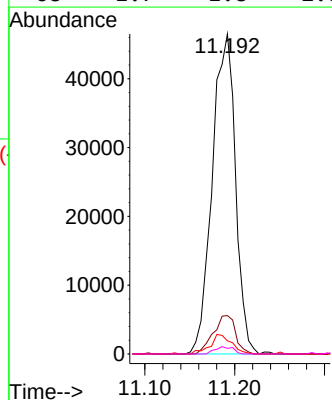
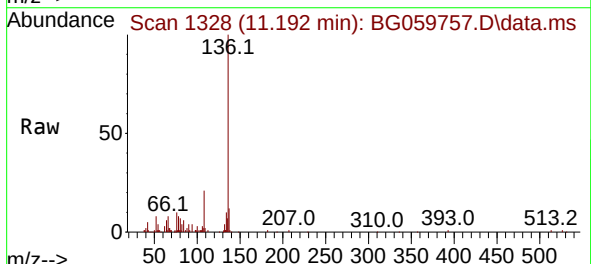
Instrument :
BNA_G
ClientSampleId :
72-11985

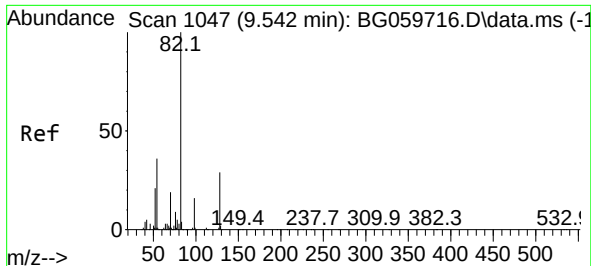
Tgt Ion: 99 Resp: 166631
Ion Ratio Lower Upper
99 100
42 24.2 14.3 21.5#
71 88.9 59.3 88.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

Tgt Ion: 136 Resp: 83516
Ion Ratio Lower Upper
136 100
137 12.0 7.4 11.0#
54 4.1 3.1 4.7
68 1.7 1.8 2.8#

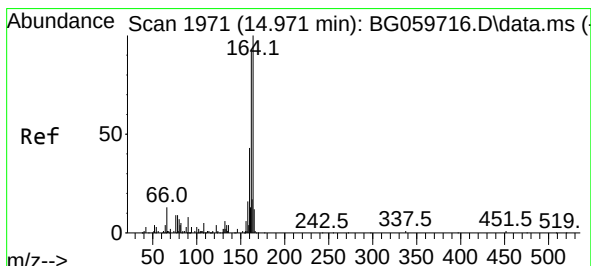
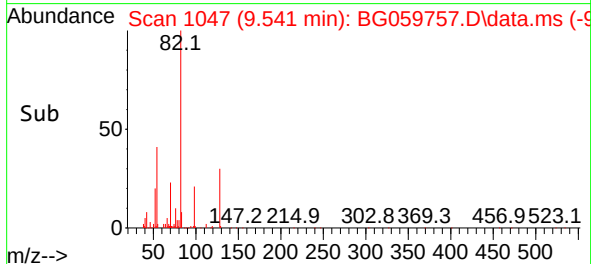
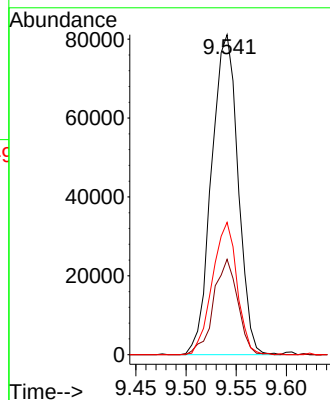
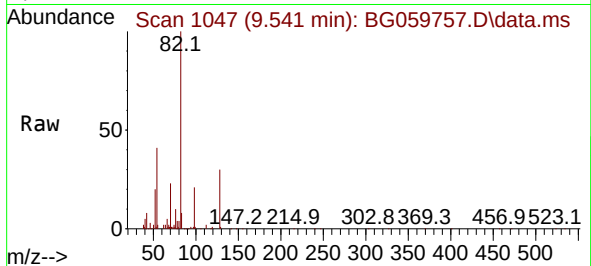




#23
Nitrobenzene-d5
Concen: 68.128 ng
RT: 9.541 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

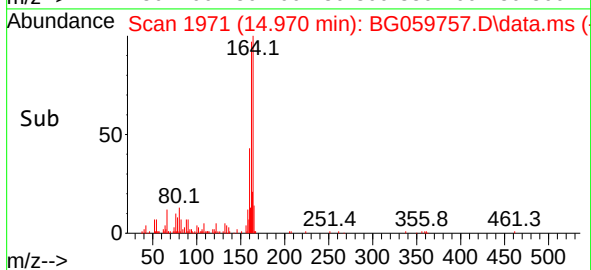
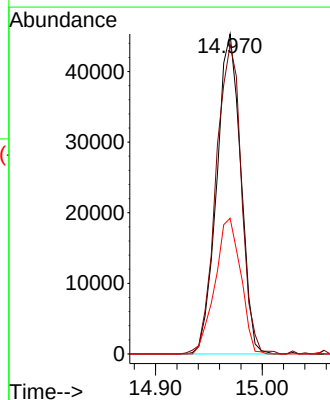
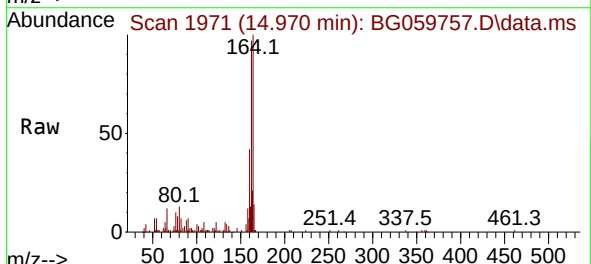
Instrument :
BNA_G
ClientSampleId :
72-11985

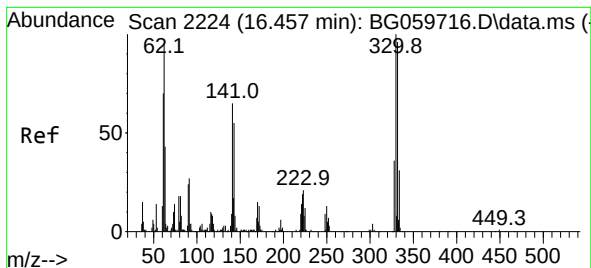
Tgt Ion: 82 Resp: 148979
Ion Ratio Lower Upper
82 100
128 29.8 23.0 34.6
54 41.3 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

Tgt Ion:164 Resp: 70663
Ion Ratio Lower Upper
164 100
162 96.6 73.3 109.9
160 42.4 34.1 51.1

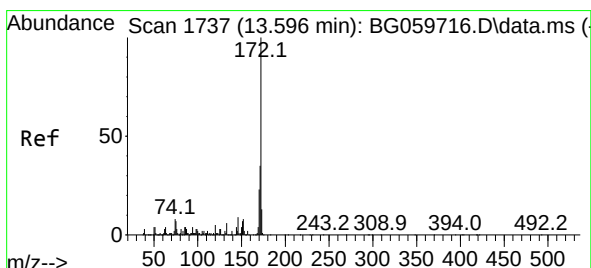
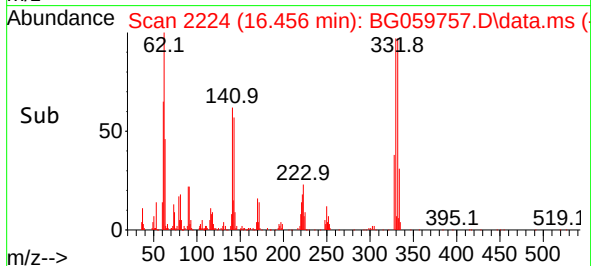
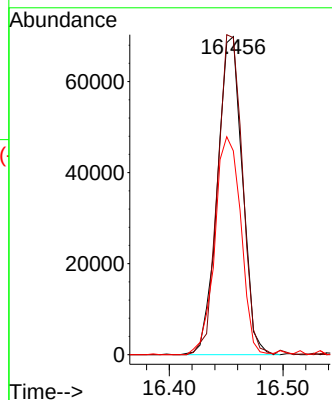
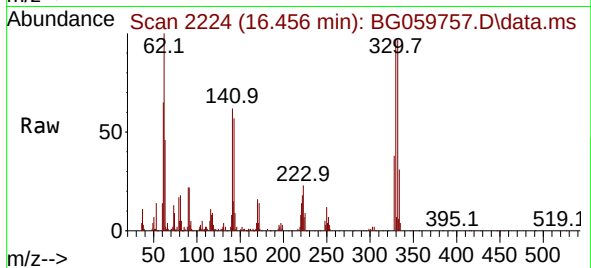




#42
2,4,6-Tribromophenol
Concen: 132.819 ng
RT: 16.456 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

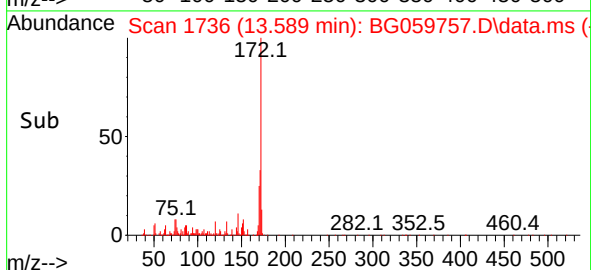
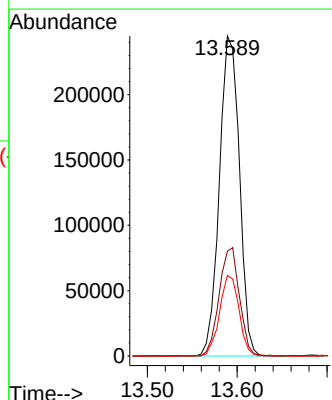
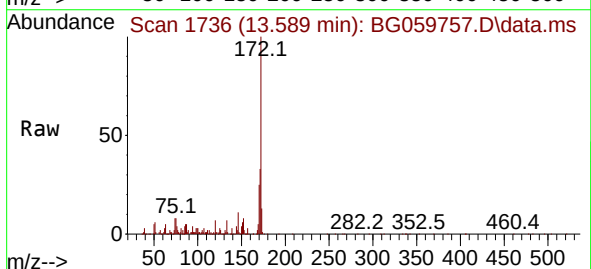
Instrument :
BNA_G
ClientSampleId :
72-11985

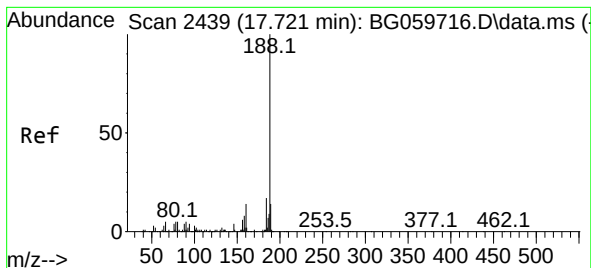
Tgt Ion:330 Resp: 106489
Ion Ratio Lower Upper
330 100
332 99.4 73.3 109.9
141 71.5 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 72.181 ng
RT: 13.589 min Scan# 1736
Delta R.T. -0.007 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

Tgt Ion:172 Resp: 378929
Ion Ratio Lower Upper
172 100
171 32.8 27.7 41.5
170 25.1 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.720 min Scan# 2439

Delta R.T. -0.001 min

Lab File: BG059757.D

Acq: 18 Nov 2023 9:51

Instrument :

BNA_G

ClientSampleId :

72-11985

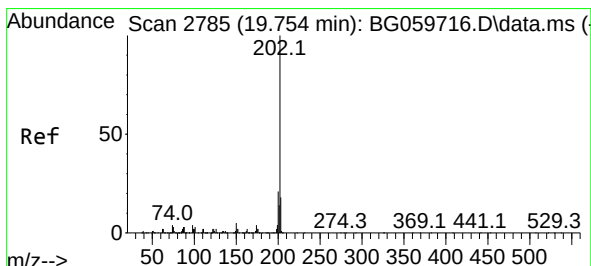
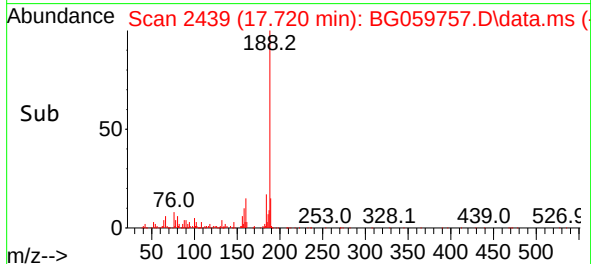
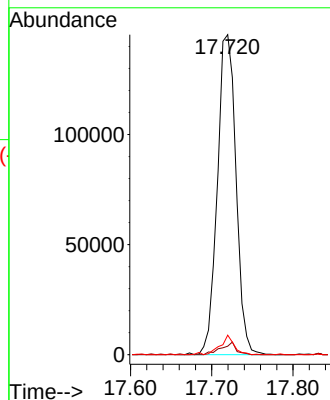
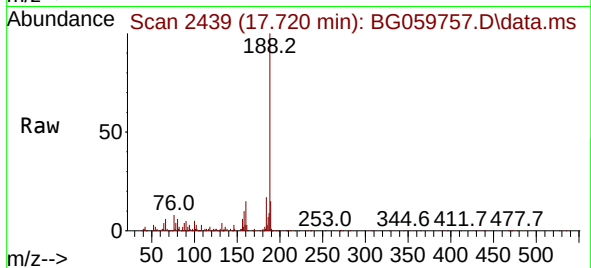
Tgt Ion:188 Resp: 232222

Ion Ratio Lower Upper

188 100

94 2.7 3.0 4.4#

80 6.1 4.2 6.4



#75

Fluoranthene

Concen: 2.098 ng

RT: 19.752 min Scan# 2785

Delta R.T. -0.001 min

Lab File: BG059757.D

Acq: 18 Nov 2023 9:51

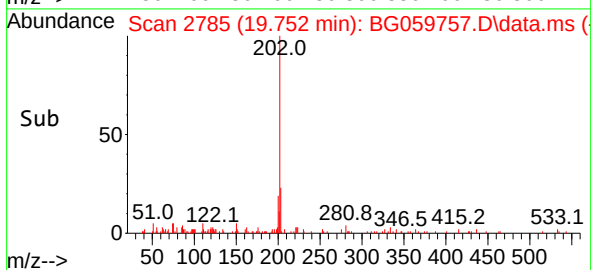
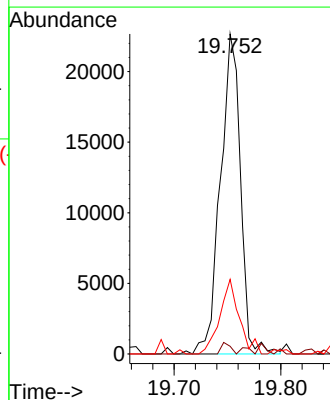
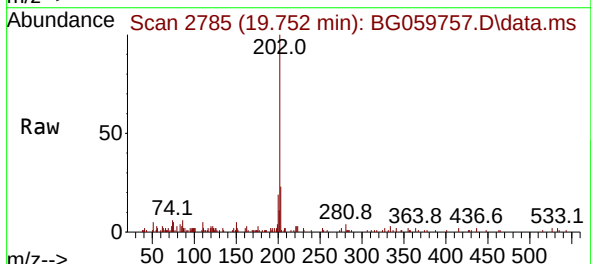
Tgt Ion:202 Resp: 29703

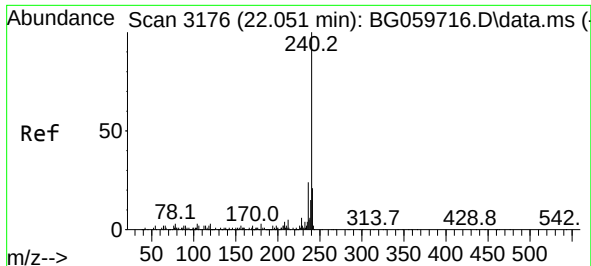
Ion Ratio Lower Upper

202 100

101 2.4 0.0 22.7

203 23.3 0.0 38.2

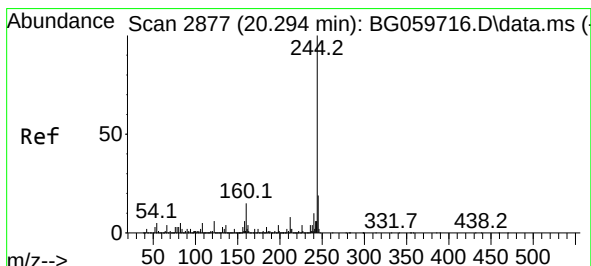
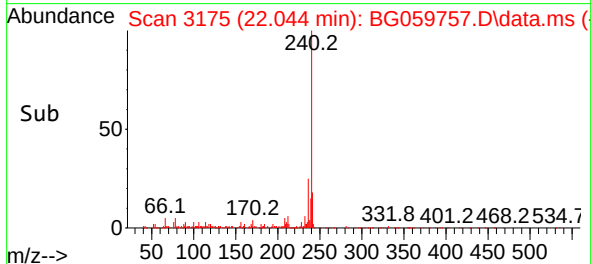
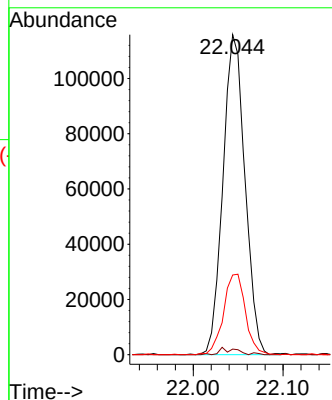
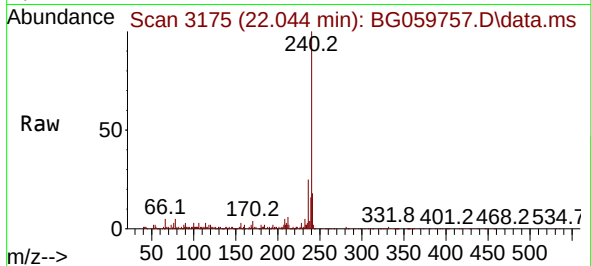




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.044 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

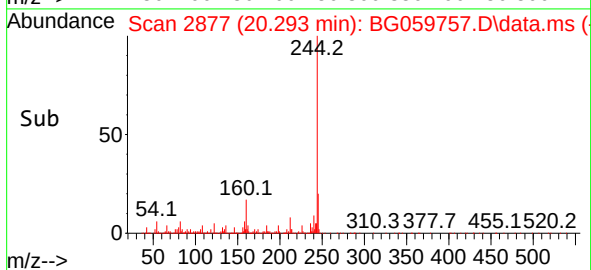
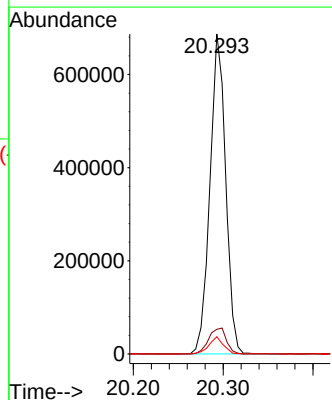
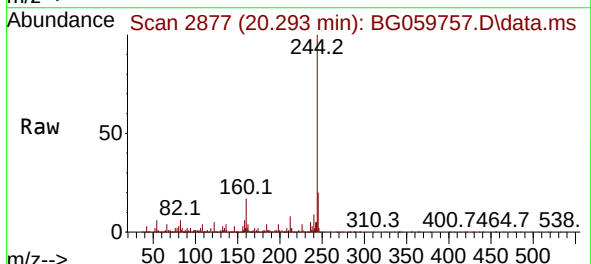
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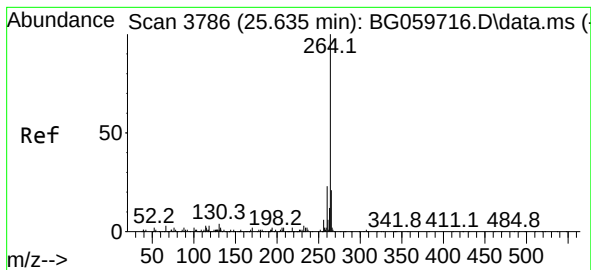
Tgt Ion:240 Resp: 197339
Ion Ratio Lower Upper
240 100
120 2.6 2.2 3.2
236 24.9 19.4 29.2



#79
Terphenyl-d14
Concen: 62.401 ng
RT: 20.293 min Scan# 2877
Delta R.T. -0.001 min
Lab File: BG059757.D
Acq: 18 Nov 2023 9:51

Tgt Ion:244 Resp: 834157
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 5.4 4.4 6.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.628 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG059757.D

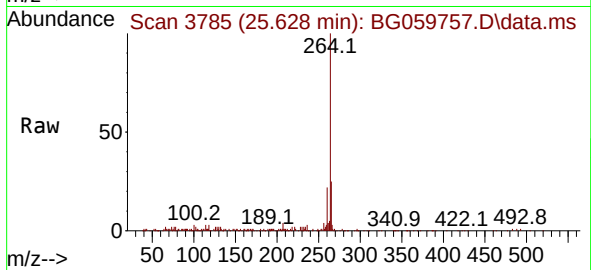
Acq: 18 Nov 2023 9:51

Instrument :

BNA_G

ClientSampleId :

72-11985



Tgt Ion:264 Resp: 234747

Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

265 25.5 17.0 25.6

