

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059760.D
 Acq On : 18 Nov 2023 11:51
 Operator : MA/JU
 Sample : 05346-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-110923

Quant Time: Nov 20 04:41:55 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)

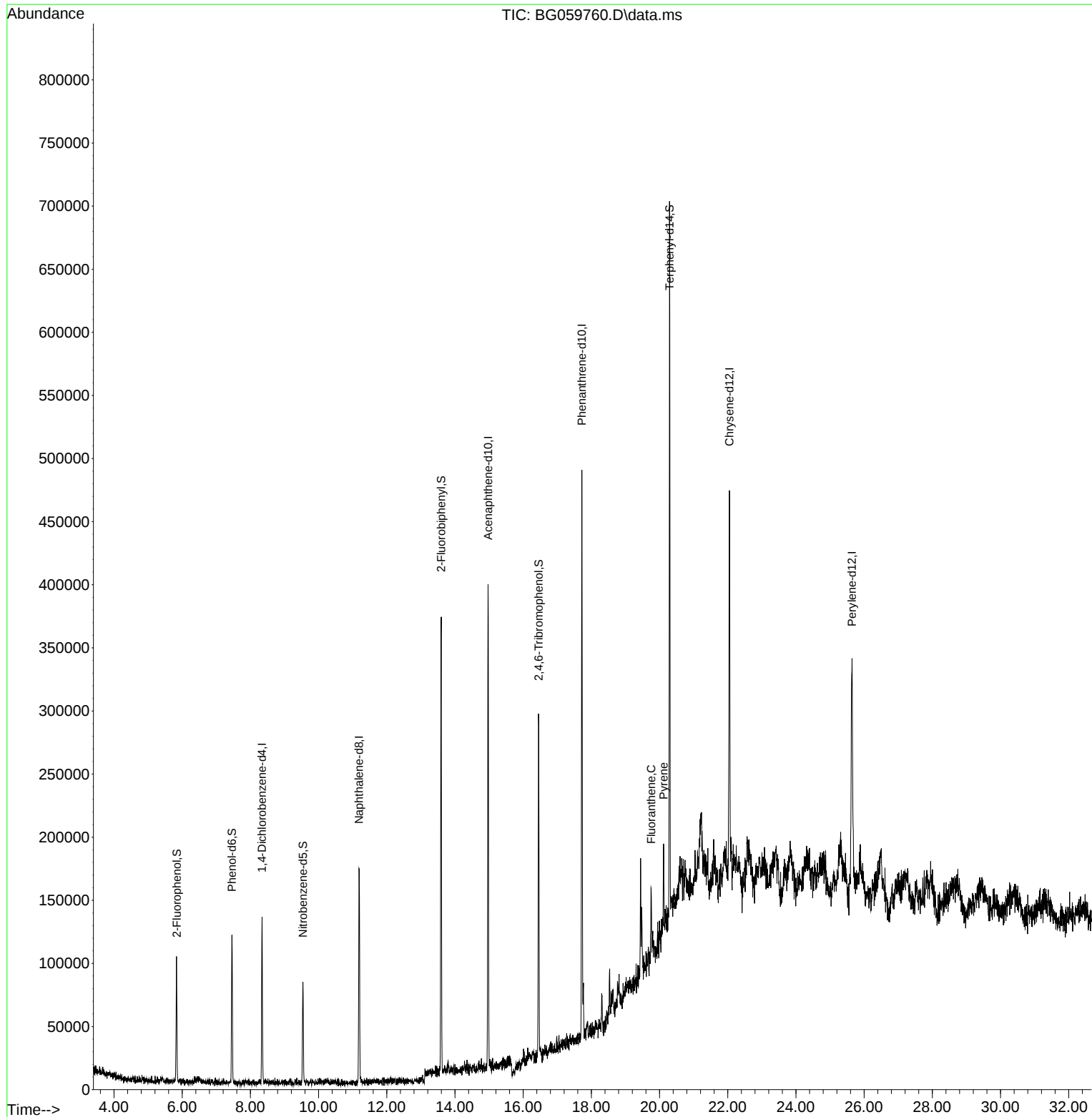
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.342	152	25822	20.000	ng	# 0.00
21) Naphthalene-d8	11.186	136	122799	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	112717	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	237293	20.000	ng	# 0.00
76) Chrysene-d12	22.050	240	182716	20.000	ng	# 0.00
86) Perylene-d12	25.640	264	221889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.840	112	34769	22.663	ng	0.01
7) Phenol-d6	7.455	99	53426	23.500	ng	0.00
23) Nitrobenzene-d5	9.541	82	50461	15.694	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	36872	28.831	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	146310	17.472	ng	0.00
79) Terphenyl-d14	20.293	244	217237	17.552	ng	0.00
Target Compounds						
75) Fluoranthene	19.753	202	32321	2.234	ng	Qvalue 84
78) Pyrene	20.117	202	36827	2.962	ng	# 83

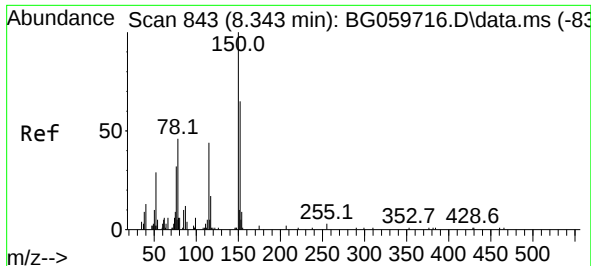
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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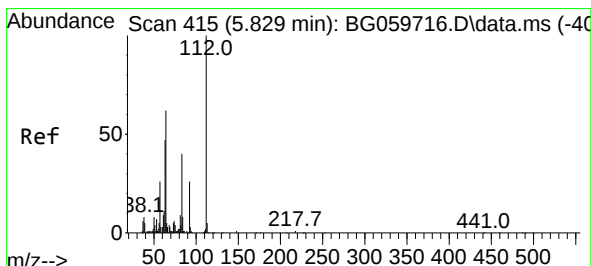
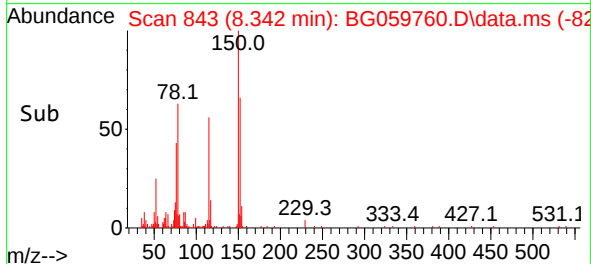
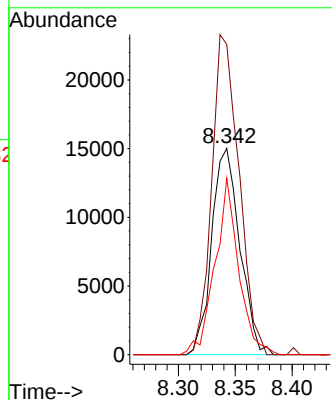
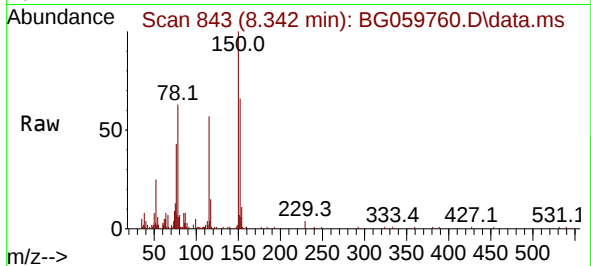




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.342 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

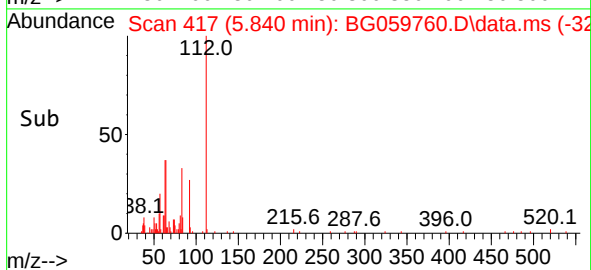
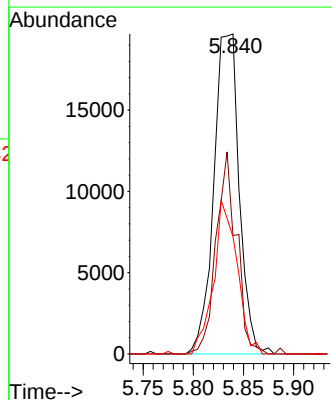
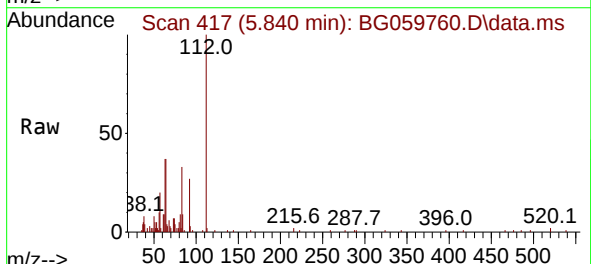
Instrument :
BNA_G
ClientSampleId :
TR-04-110923

Tgt Ion:152 Resp: 25822
Ion Ratio Lower Upper
152 100
150 150.5 122.2 183.4
115 85.5 54.2 81.4#



#5
2-Fluorophenol
Concen: 22.663 ng
RT: 5.840 min Scan# 417
Delta R.T. 0.011 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion:112 Resp: 34769
Ion Ratio Lower Upper
112 100
64 37.0 49.5 74.3#
63 36.6 37.4 56.2#

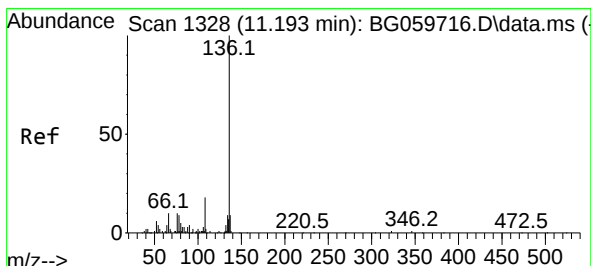
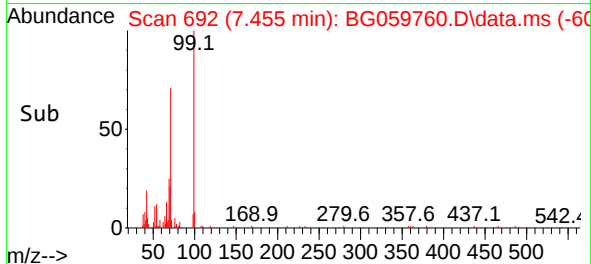
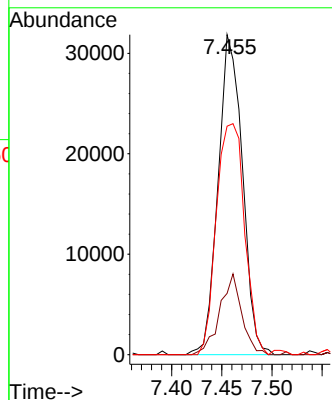
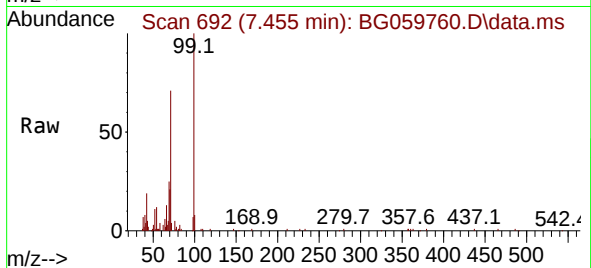




#7
Phenol-d6
Concen: 23.500 ng
RT: 7.455 min Scan# 692
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

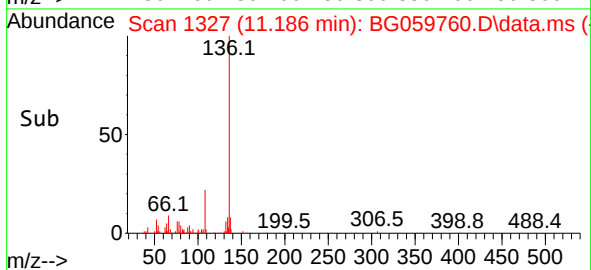
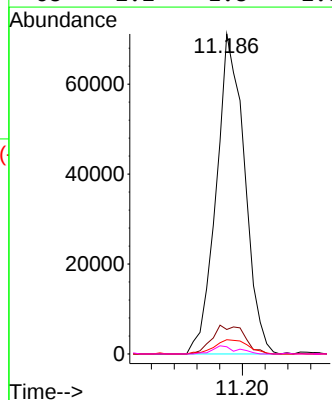
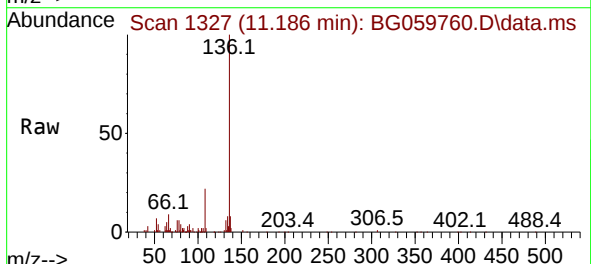
Instrument :
BNA_G
ClientSampleId :
TR-04-110923

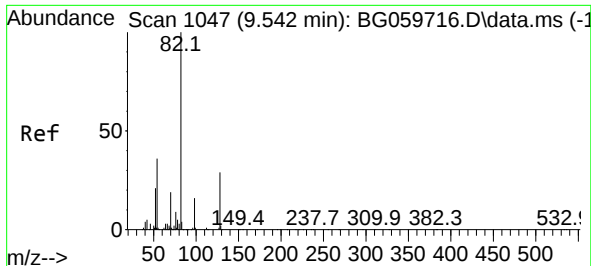
Tgt Ion:	99	Resp:	53426
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.3	21.5
71	71.4	59.3	88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion:	136	Resp:	122799
Ion	Ratio	Lower	Upper
136	100		
137	7.6	7.4	11.0
54	4.5	3.1	4.7
68	2.2	1.8	2.8





#23

Nitrobenzene-d5

Concen: 15.694 ng

RT: 9.541 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG059760.D

Acq: 18 Nov 2023 11:51

Instrument :

BNA_G

ClientSampleId :

TR-04-110923

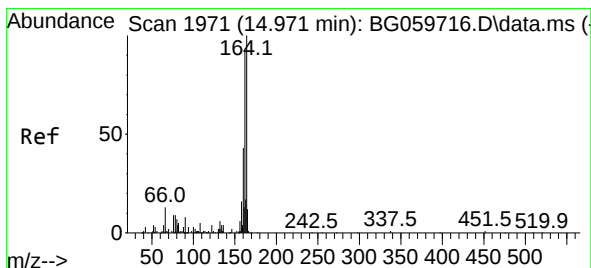
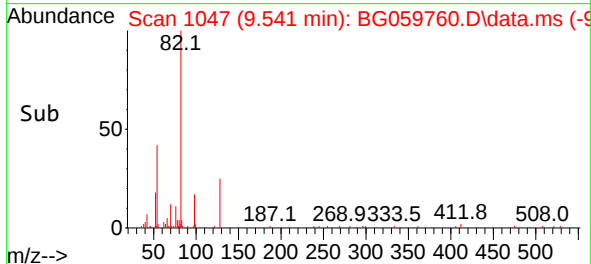
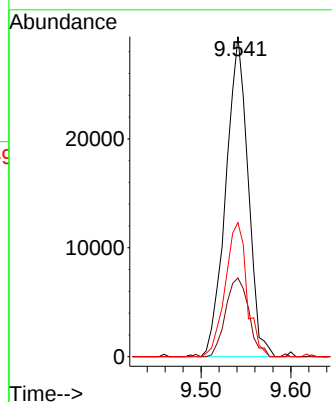
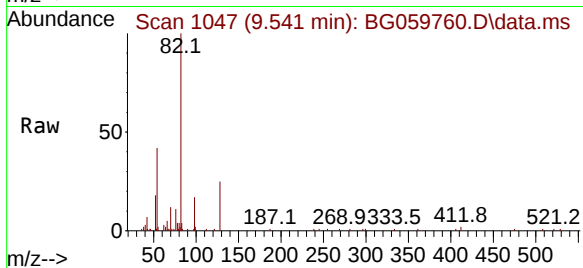
Tgt Ion: 82 Resp: 50461

Ion Ratio Lower Upper

82 100

128 24.6 23.0 34.6

54 41.9 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: BG059760.D

Acq: 18 Nov 2023 11:51

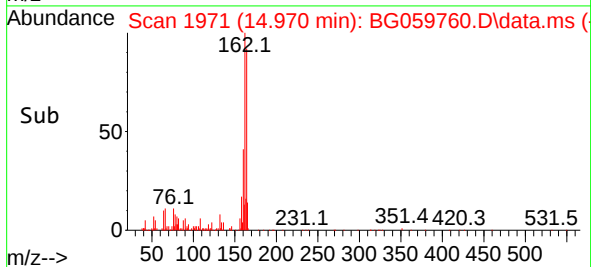
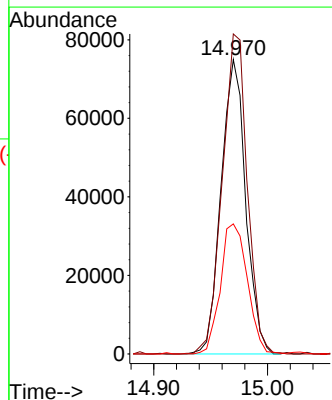
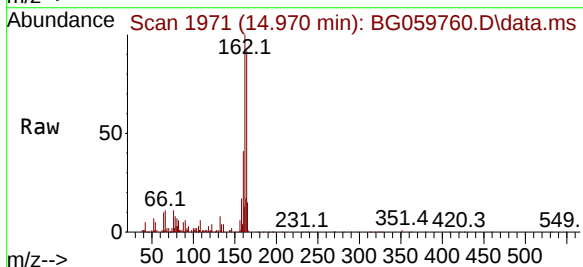
Tgt Ion:164 Resp: 112717

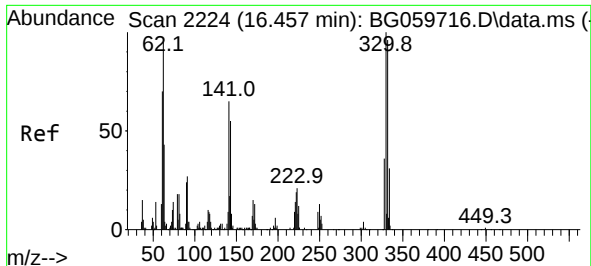
Ion Ratio Lower Upper

164 100

162 108.7 73.3 109.9

160 44.2 34.1 51.1

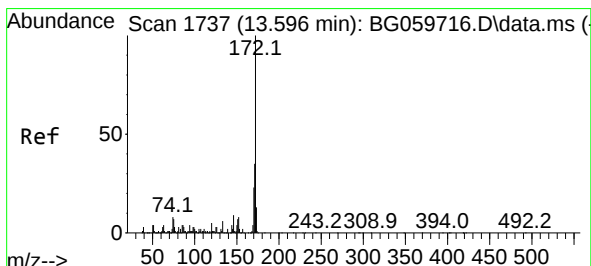
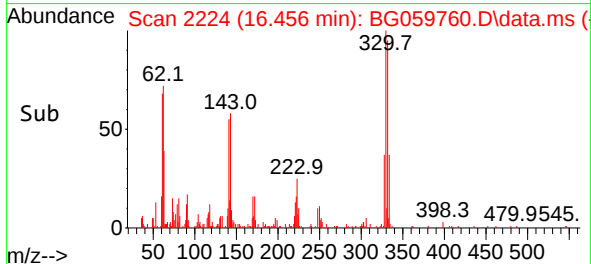
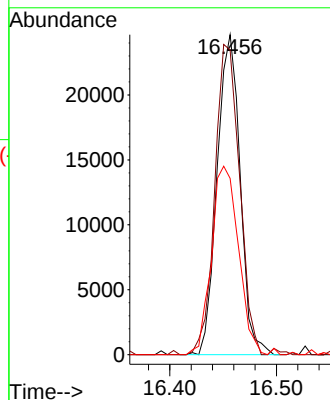
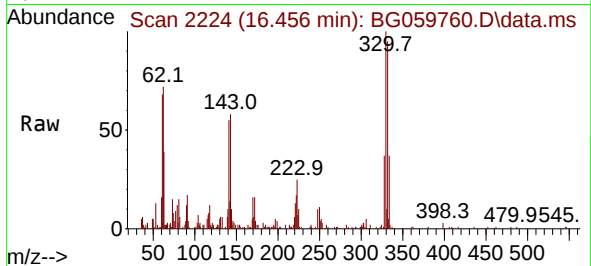




#42
2,4,6-Tribromophenol
Concen: 28.831 ng
RT: 16.456 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

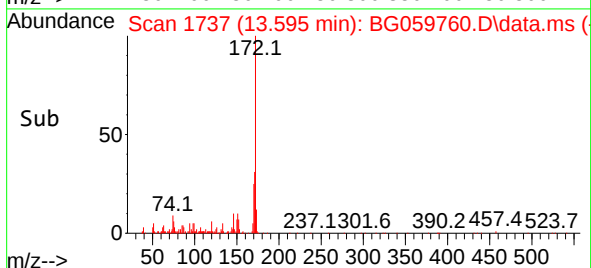
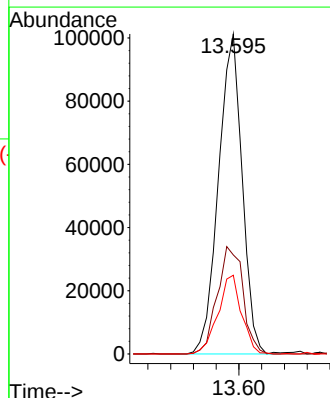
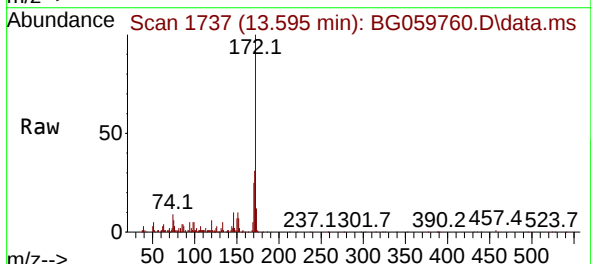
Instrument :
BNA_G
ClientSampleId :
TR-04-110923

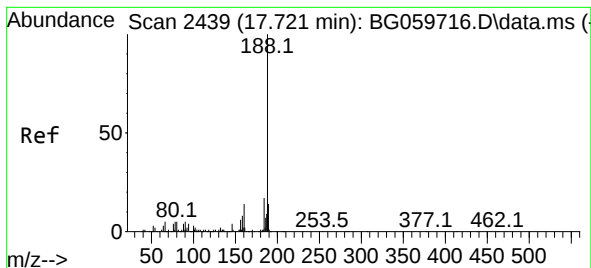
Tgt Ion:330 Resp: 36872
Ion Ratio Lower Upper
330 100
332 104.2 73.3 109.9
141 69.0 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 17.472 ng
RT: 13.595 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG059760.D
Acq: 18 Nov 2023 11:51

Tgt Ion:172 Resp: 146310
Ion Ratio Lower Upper
172 100
171 30.9 27.7 41.5
170 24.6 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: BG059760.D

Acq: 18 Nov 2023 11:51

Instrument :

BNA_G

ClientSampleId :

TR-04-110923

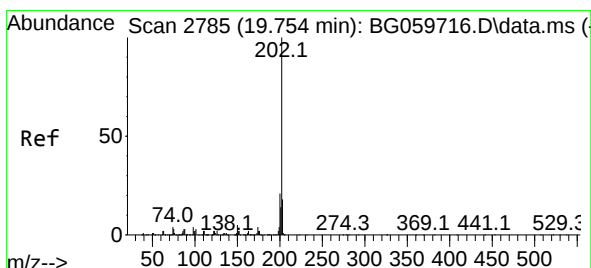
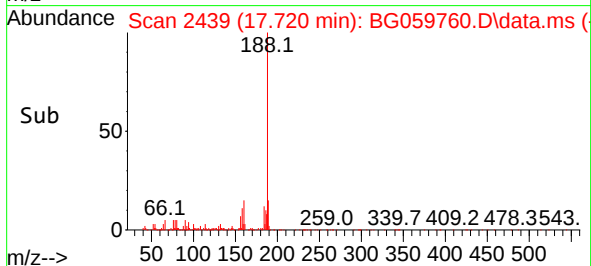
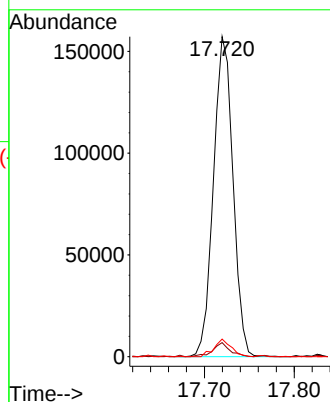
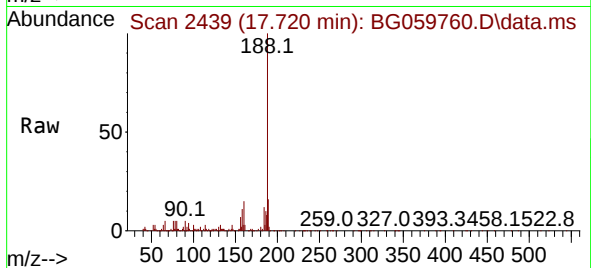
Tgt Ion:188 Resp: 237293

Ion Ratio Lower Upper

188 100

94 5.5 3.0 4.4#

80 5.5 4.2 6.4



#75

Fluoranthene

Concen: 2.234 ng

RT: 19.753 min Scan# 2785

Delta R.T. -0.001 min

Lab File: BG059760.D

Acq: 18 Nov 2023 11:51

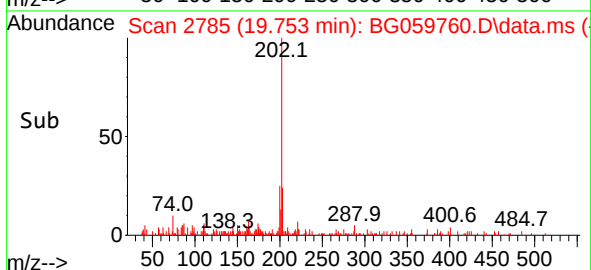
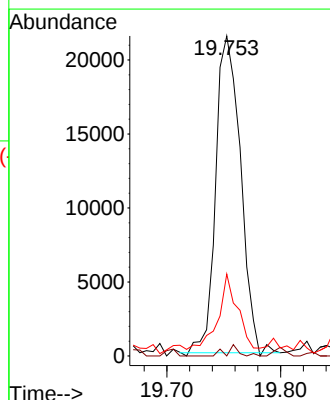
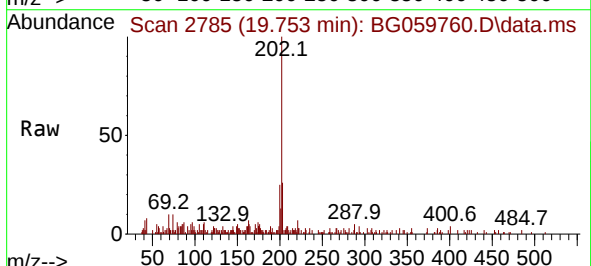
Tgt Ion:202 Resp: 32321

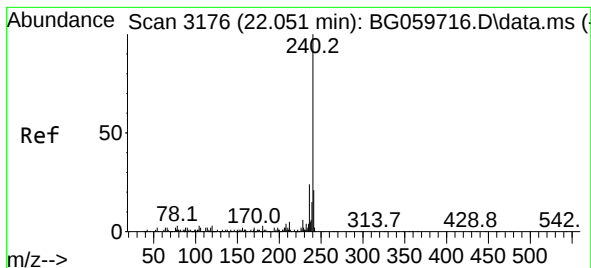
Ion Ratio Lower Upper

202 100

101 0.0 0.0 22.7

203 25.6 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.050 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG059760.D

Acq: 18 Nov 2023 11:51

Instrument :

BNA_G

ClientSampleId :

TR-04-110923

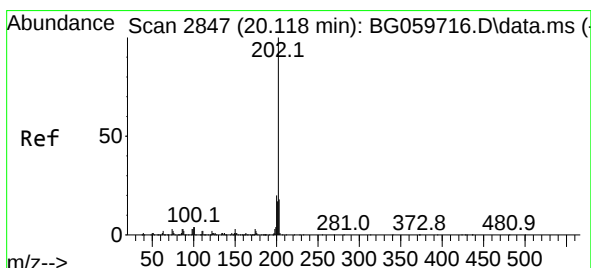
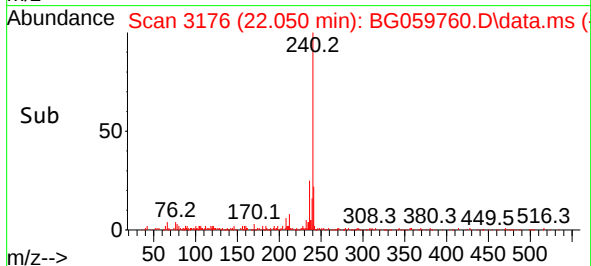
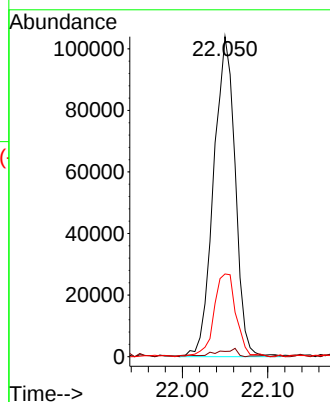
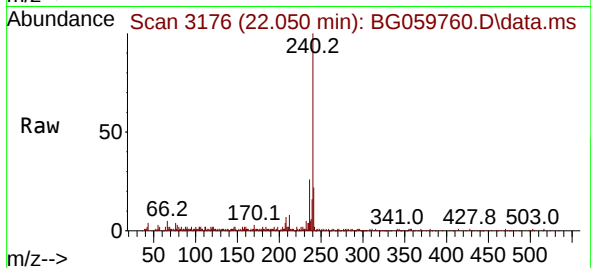
Tgt Ion:240 Resp: 182716

Ion Ratio Lower Upper

240 100

120 1.7 2.2 3.2#

236 25.8 19.4 29.2



#78

Pyrene

Concen: 2.962 ng

RT: 20.117 min Scan# 2847

Delta R.T. -0.001 min

Lab File: BG059760.D

Acq: 18 Nov 2023 11:51

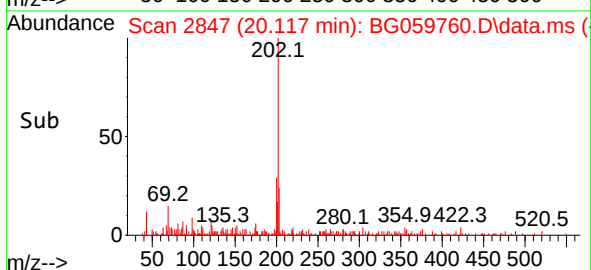
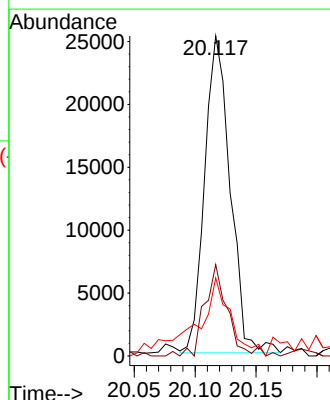
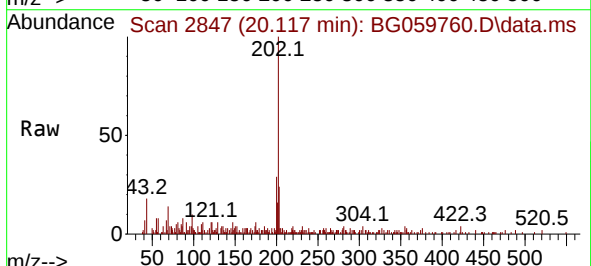
Tgt Ion:202 Resp: 36827

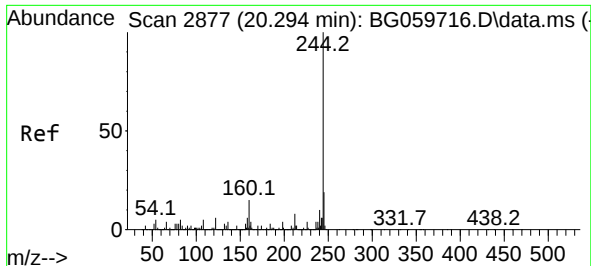
Ion Ratio Lower Upper

202 100

200 28.5 16.2 24.4#

203 24.4 14.0 21.0#

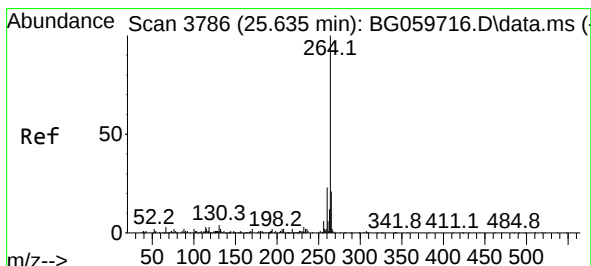
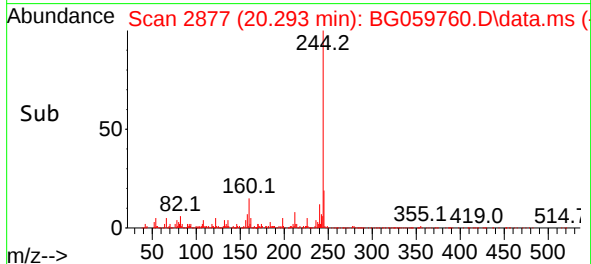
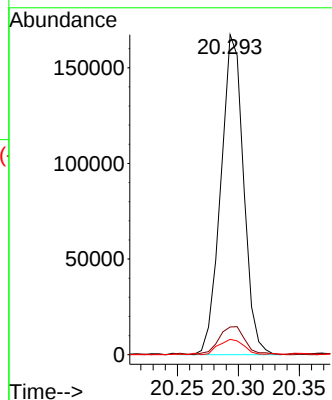
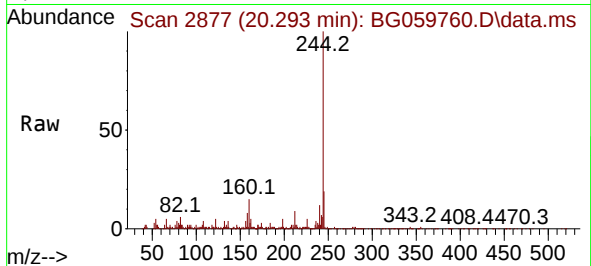




#79
 Terphenyl-d14
 Concen: 17.552 ng
 RT: 20.293 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG059760.D
 Acq: 18 Nov 2023 11:51

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-110923

Tgt Ion:244 Resp: 217237
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 4.8 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.640 min Scan# 3787
 Delta R.T. 0.005 min
 Lab File: BG059760.D
 Acq: 18 Nov 2023 11:51

Tgt Ion:264 Resp: 221889
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.5 27.7
 265 23.6 17.0 25.6

