

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059703.D
 Acq On : 15 Nov 2023 17:04
 Operator : MA/JU
 Sample : 05256-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1RE

Quant Time: Nov 15 17:56:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	31825	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	89127	20.000	ng	# 0.00
39) Acenaphthene-d10	14.976	164	67054	20.000	ng	0.00
64) Phenanthrene-d10	17.726	188	160220	20.000	ng	# 0.00
76) Chrysene-d12	22.056	240	181092	20.000	ng	# 0.00
86) Perylene-d12	25.646	264	252229	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.840	112	280669	152.255	ng	0.00
7) Phenol-d6	7.461	99	349012	125.281	ng	0.00
23) Nitrobenzene-d5	9.547	82	231889	111.849	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	125628	166.012	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	482975	97.109	ng	0.00
79) Terphenyl-d14	20.305	244	1095073	124.763	ng	0.00

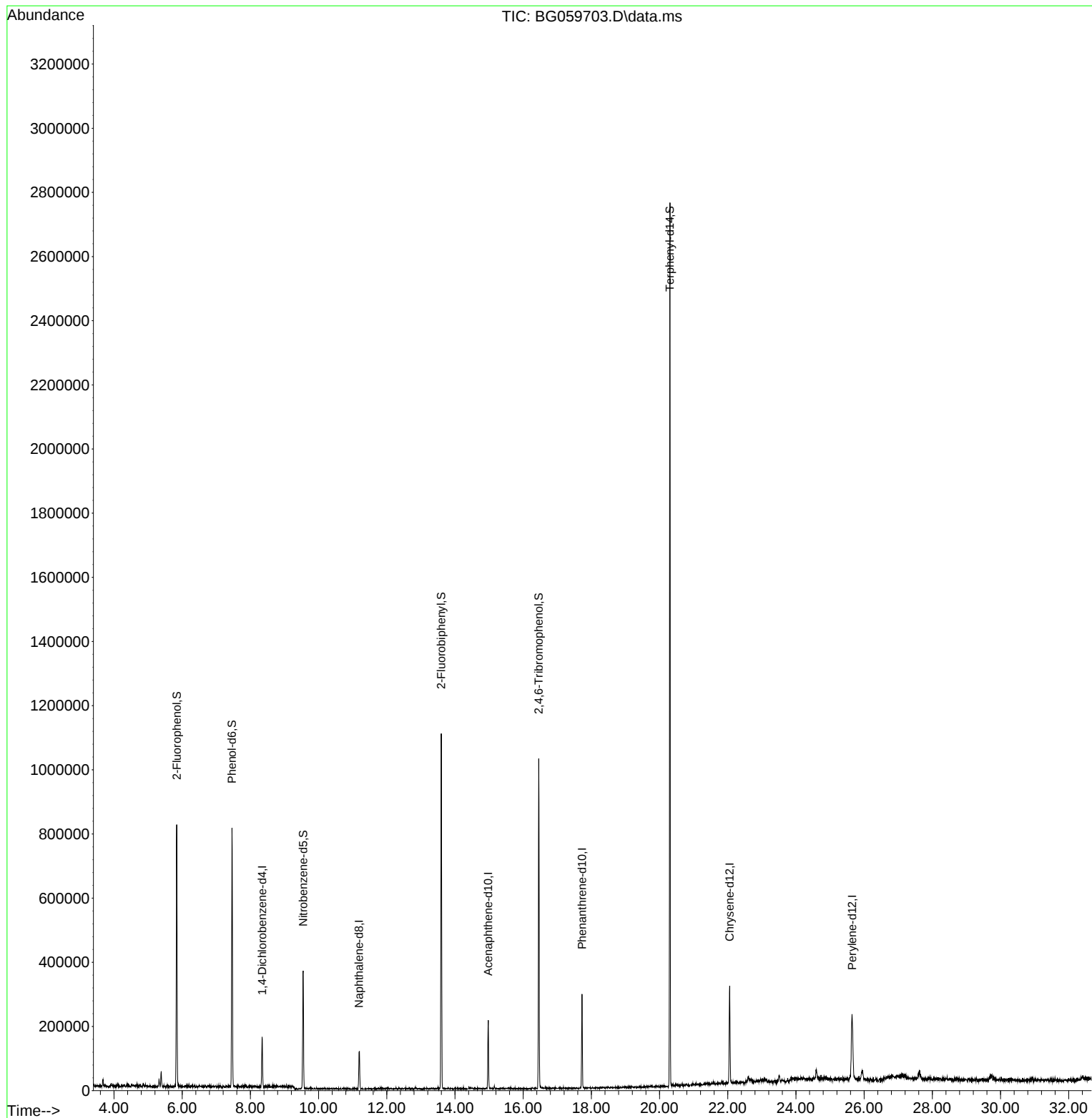
Target Compounds	Qvalue

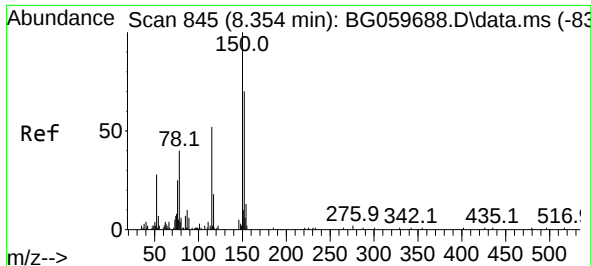
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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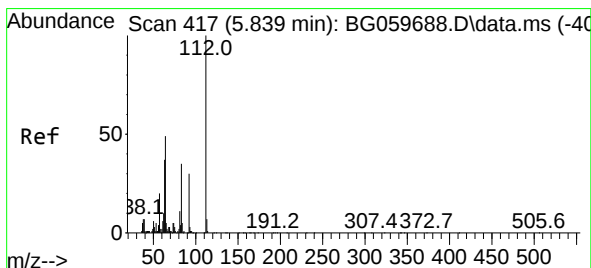
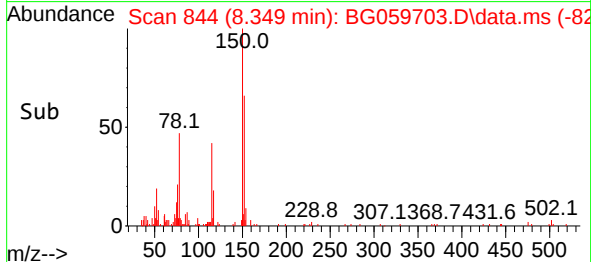
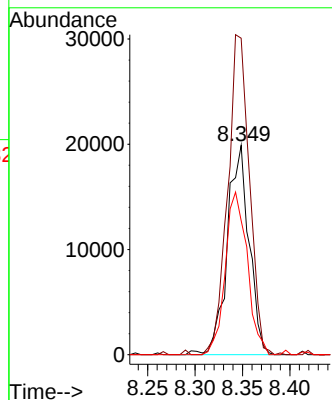
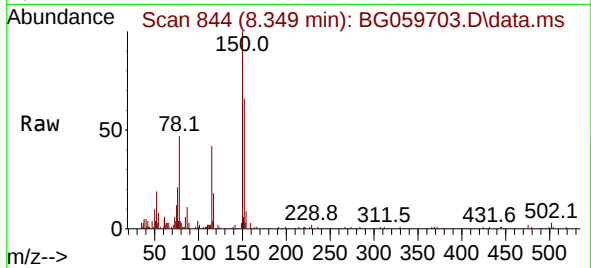




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 845
Delta R.T. -0.005 min
Lab File: BG059703.D
Acq: 15 Nov 2023 17:04

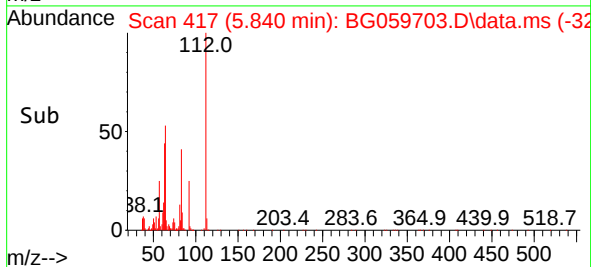
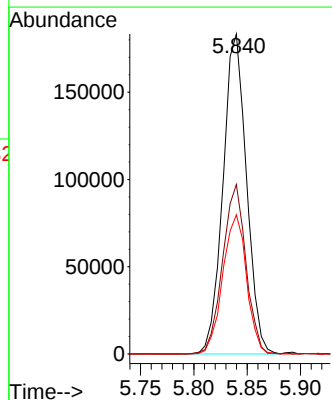
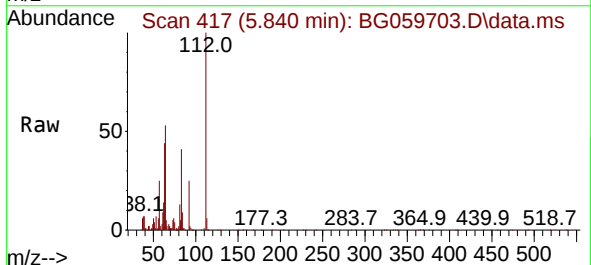
Instrument :
BNA_G
ClientSampleId :
WC-1RE

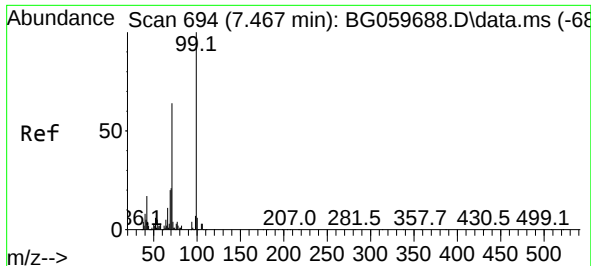
Tgt Ion:152 Resp: 31825
Ion Ratio Lower Upper
152 100
150 151.3 113.9 170.9
115 64.1 59.4 89.2



#5
2-Fluorophenol
Concen: 152.255 ng
RT: 5.840 min Scan# 417
Delta R.T. 0.000 min
Lab File: BG059703.D
Acq: 15 Nov 2023 17:04

Tgt Ion:112 Resp: 280669
Ion Ratio Lower Upper
112 100
64 52.9 39.0 58.6
63 43.5 29.8 44.6

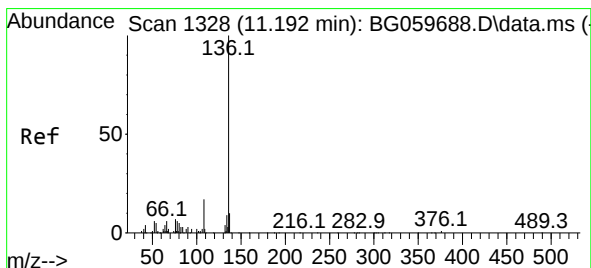
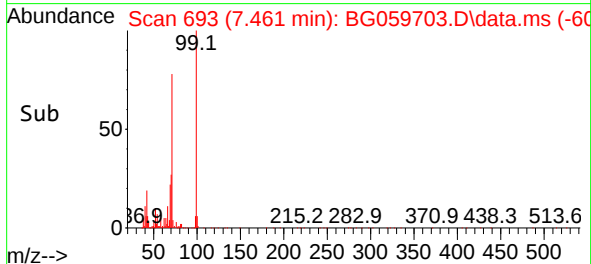
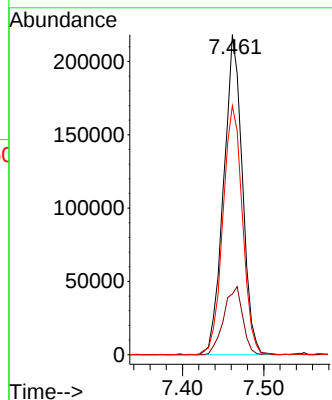
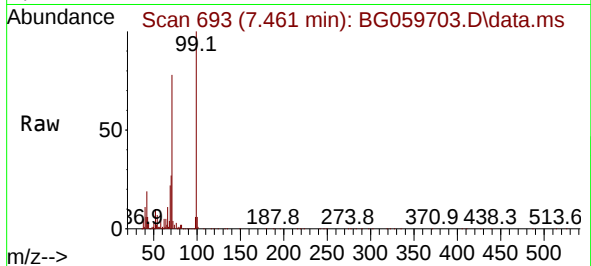




#7
Phenol-d6
Concen: 125.281 ng
RT: 7.461 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG059703.D
Acq: 15 Nov 2023 17:04

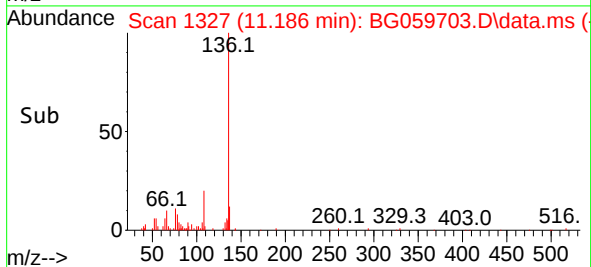
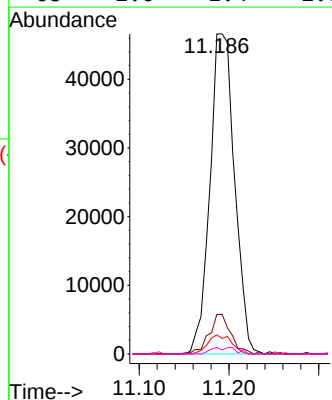
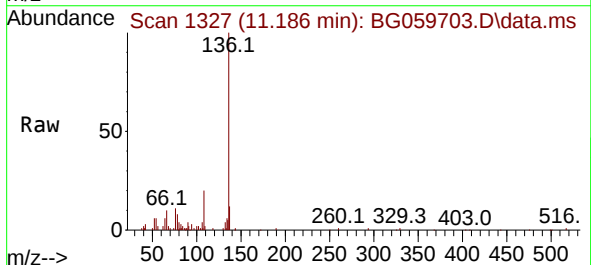
Instrument :
BNA_G
ClientSampleId :
WC-1RE

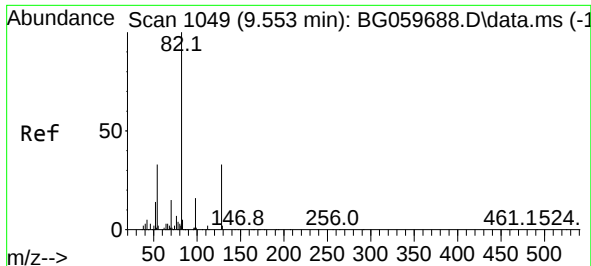
Tgt Ion: 99 Resp: 349012
Ion Ratio Lower Upper
99 100
42 19.0 13.2 19.8
71 77.8 51.3 76.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BG059703.D
Acq: 15 Nov 2023 17:04

Tgt Ion: 136 Resp: 89127
Ion Ratio Lower Upper
136 100
137 12.4 7.7 11.5#
54 6.0 4.2 6.2
68 2.0 1.4 2.0

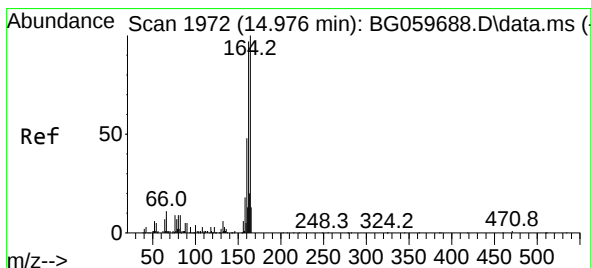
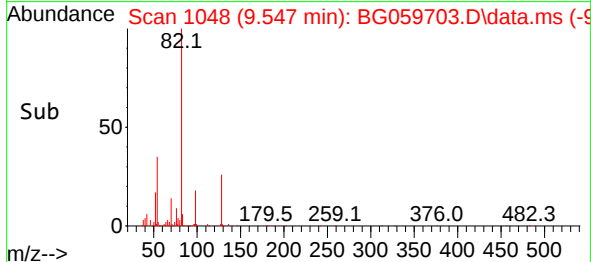
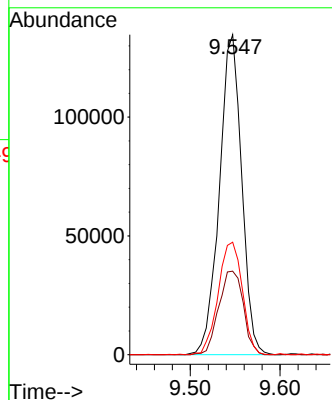
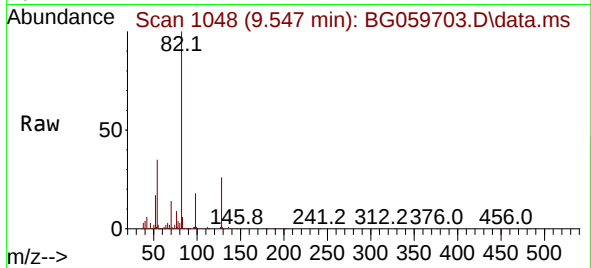




#23
Nitrobenzene-d5
Concen: 111.849 ng
RT: 9.547 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG059703.D
Acq: 15 Nov 2023 17:04

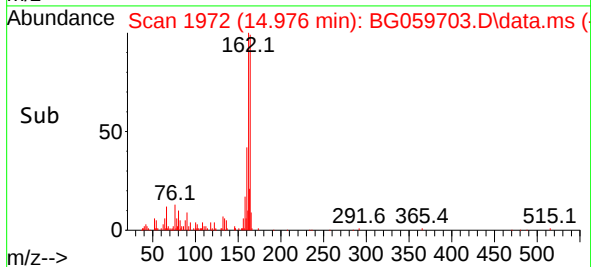
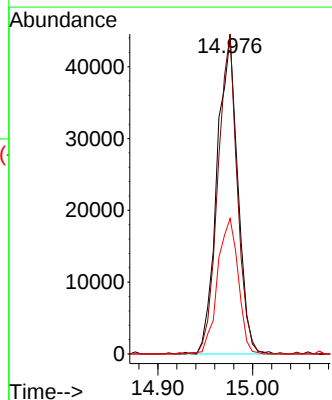
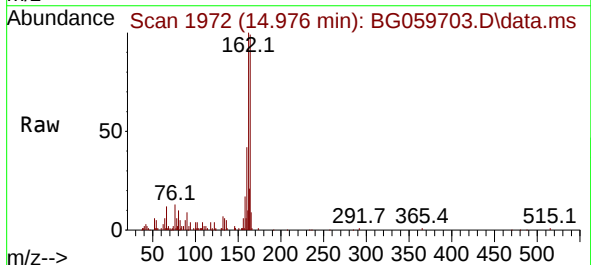
Instrument :
BNA_G
ClientSampleId :
WC-1RE

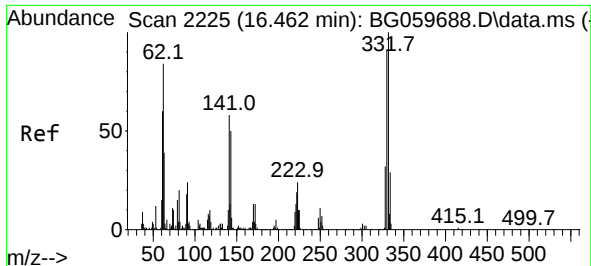
Tgt Ion: 82 Resp: 231889
Ion Ratio Lower Upper
82 100
128 26.1 26.3 39.5#
54 35.2 26.6 39.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.976 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG059703.D
Acq: 15 Nov 2023 17:04

Tgt Ion:164 Resp: 67054
Ion Ratio Lower Upper
164 100
162 100.8 77.8 116.6
160 42.7 38.0 57.0

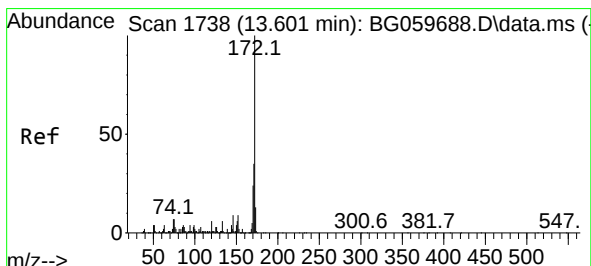
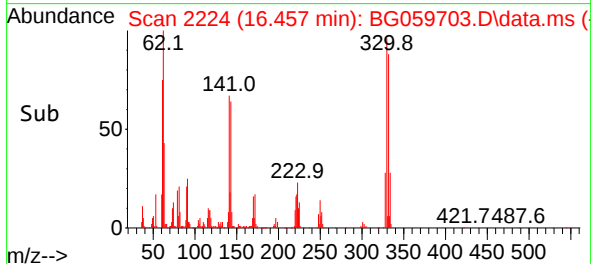
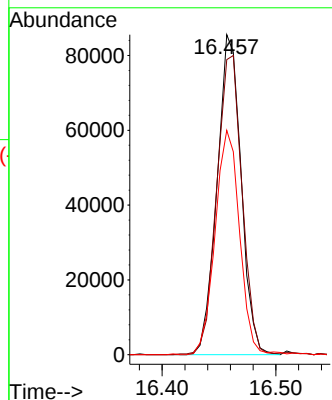
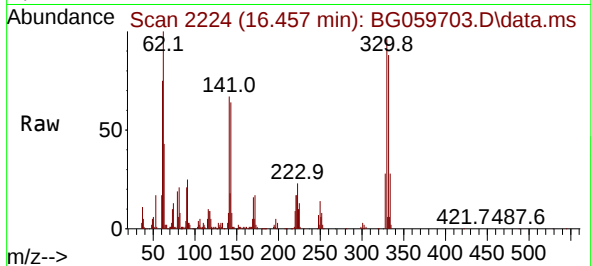




#42
2,4,6-Tribromophenol
Concen: 166.012 ng
RT: 16.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059703.D
Acq: 15 Nov 2023 17:04

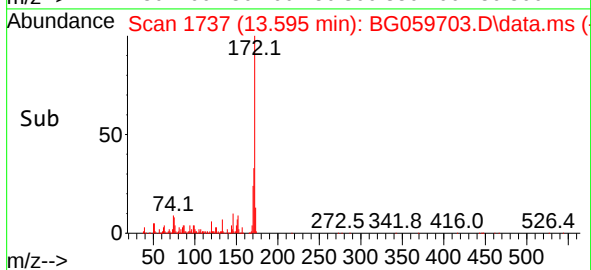
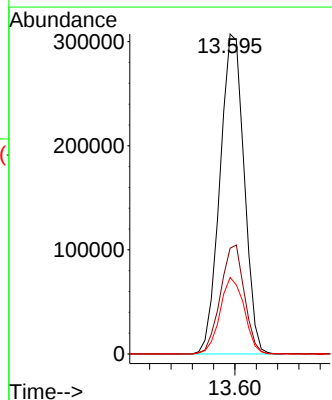
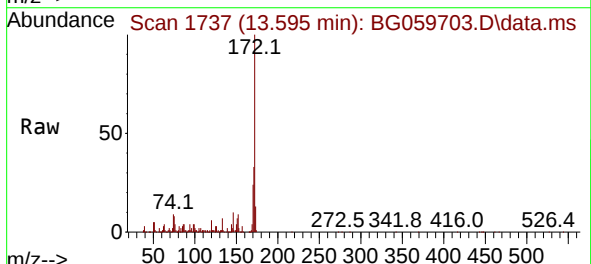
Instrument :
BNA_G
ClientSampleId :
WC-1RE

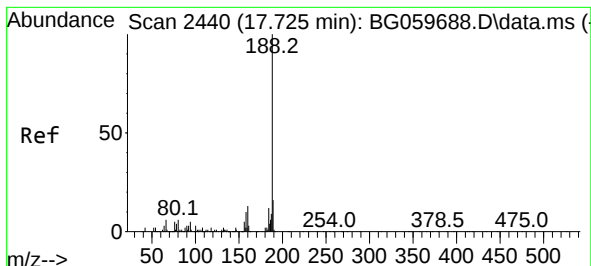
Tgt Ion:330 Resp: 125628
Ion Ratio Lower Upper
330 100
332 98.3 80.7 121.1
141 71.7 51.0 76.6



#45
2-Fluorobiphenyl
Concen: 97.109 ng
RT: 13.595 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BG059703.D
Acq: 15 Nov 2023 17:04

Tgt Ion:172 Resp: 482975
Ion Ratio Lower Upper
172 100
171 33.0 27.9 41.9
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.726 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BG059703.D

Acq: 15 Nov 2023 17:04

Instrument :

BNA_G

ClientSampleId :

WC-1RE

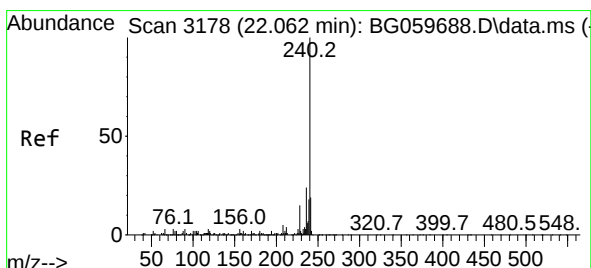
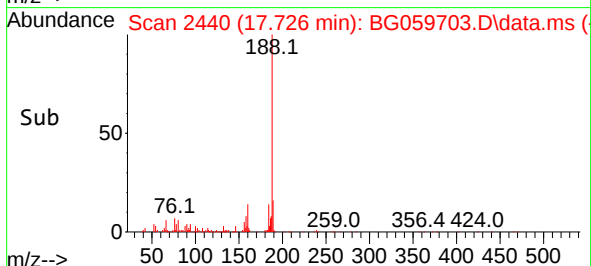
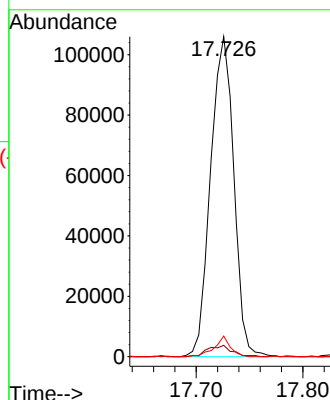
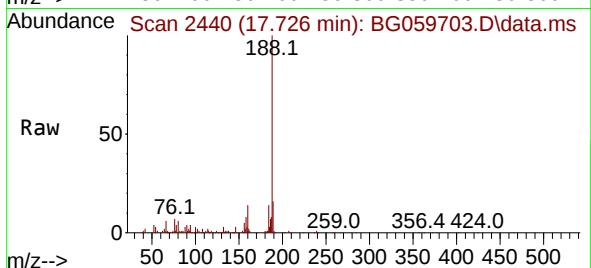
Tgt Ion:188 Resp: 160220

Ion Ratio Lower Upper

188 100

94 3.6 3.9 5.9#

80 6.5 4.5 6.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.056 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BG059703.D

Acq: 15 Nov 2023 17:04

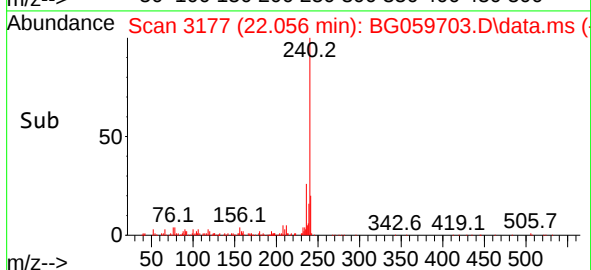
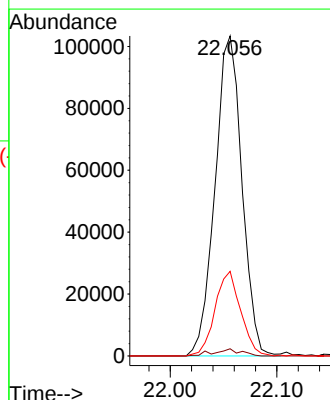
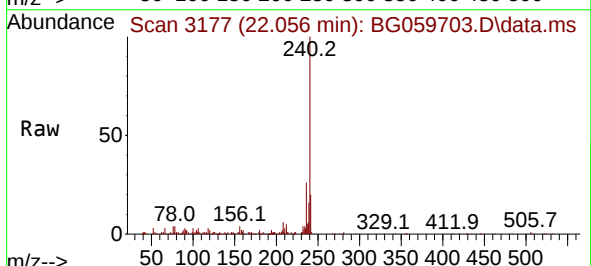
Tgt Ion:240 Resp: 181092

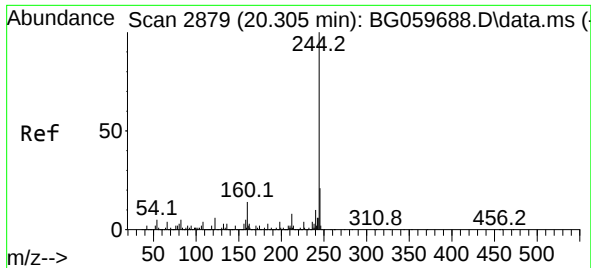
Ion Ratio Lower Upper

240 100

120 2.2 2.6 3.8#

236 26.5 19.4 29.0

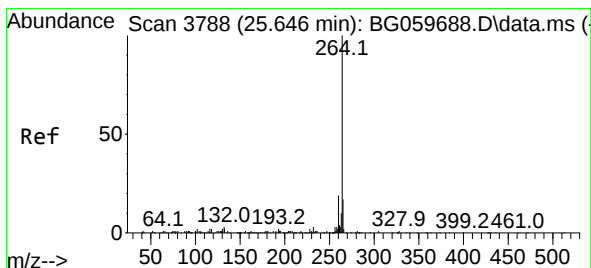
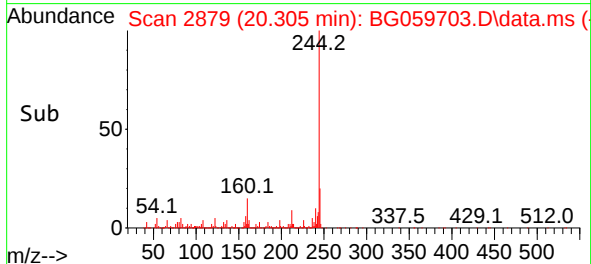
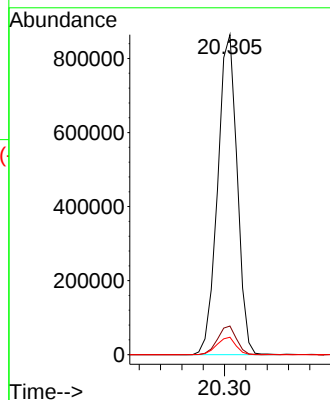
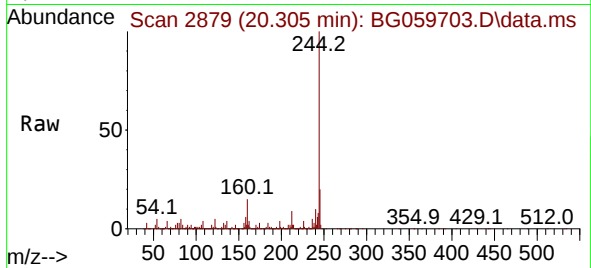




#79
 Terphenyl-d14
 Concen: 124.763 ng
 RT: 20.305 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG059703.D
 Acq: 15 Nov 2023 17:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-1RE

Tgt Ion:244 Resp: 1095073
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 9.8
 122 5.5 4.6 6.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.646 min Scan# 3788
 Delta R.T. 0.000 min
 Lab File: BG059703.D
 Acq: 15 Nov 2023 17:04

Tgt Ion:264 Resp: 252229
 Ion Ratio Lower Upper
 264 100
 260 24.7 15.6 23.4#
 265 21.7 13.4 20.2#

