

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059700.D
 Acq On : 15 Nov 2023 15:03
 Operator : MA/JU
 Sample : 05311-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Nov 15 15:40:08 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	8.347	152	33920	20.000	ng	# 0.00
21) Naphthalene-d8	11.191	136	148010	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	105595	20.000	ng	0.00
64) Phenanthrene-d10	17.724	188	264608	20.000	ng	0.00
76) Chrysene-d12	22.054	240	239691	20.000	ng	# 0.00
86) Perylene-d12	25.650	264	268461	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	315441	160.549	ng	0.00
7) Phenol-d6	7.460	99	400868	135.008	ng	0.00
23) Nitrobenzene-d5	9.545	82	390625	113.457	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	230029	193.026	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	819599	104.645	ng	0.00
79) Terphenyl-d14	20.303	244	1873601	161.276	ng	0.00

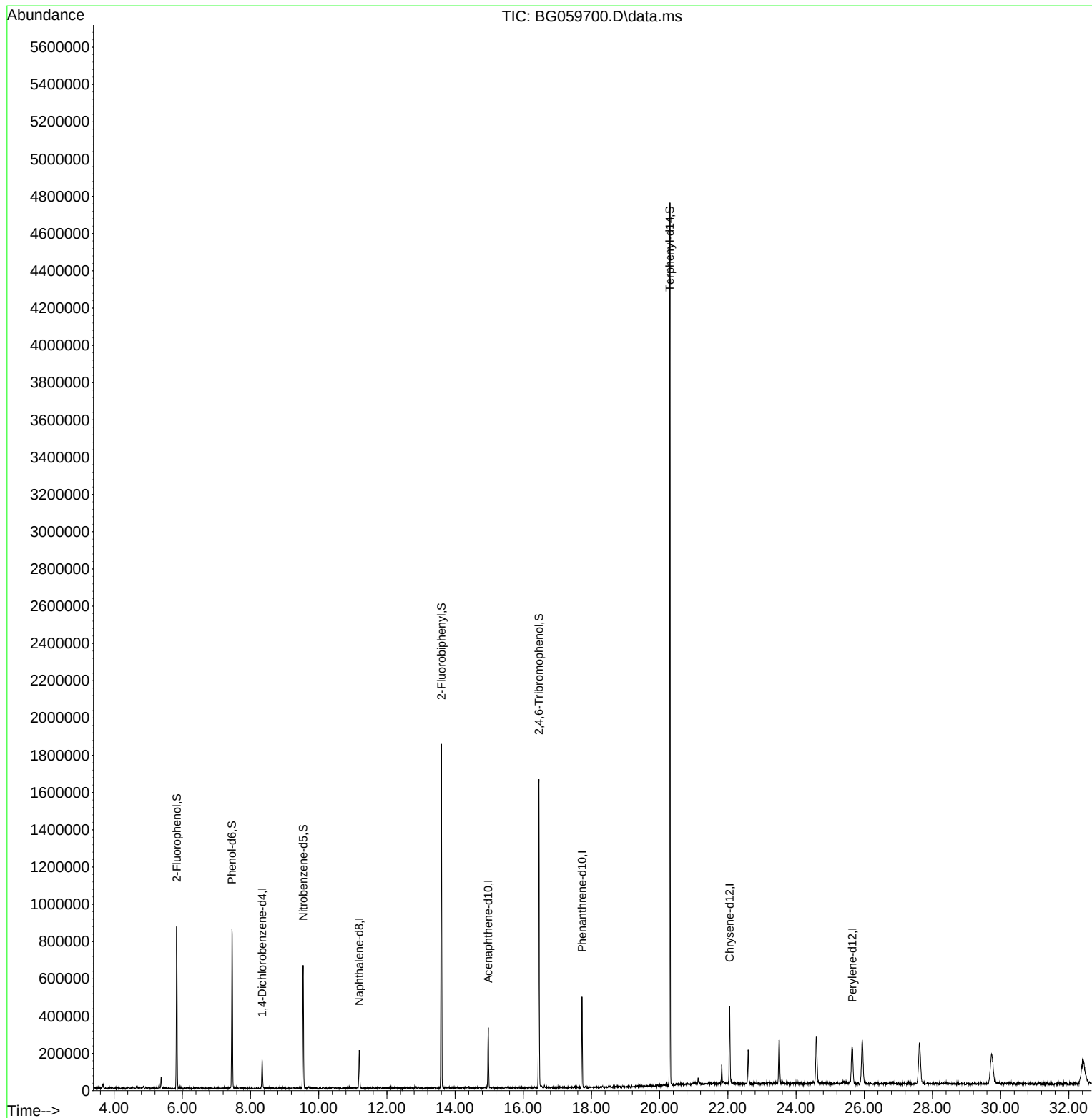
Target Compounds	Qvalue

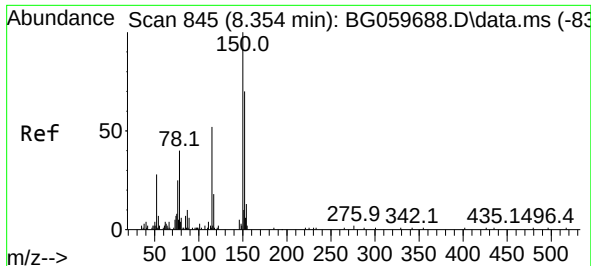
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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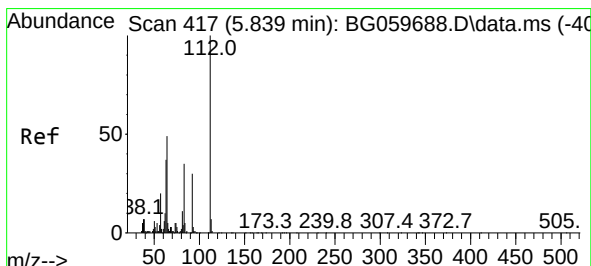
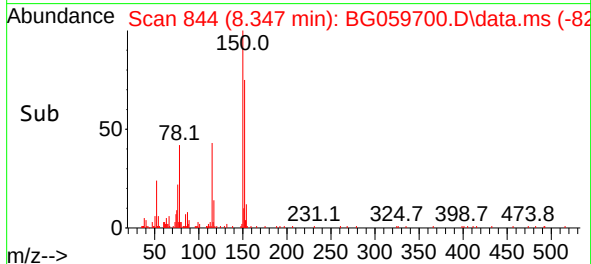
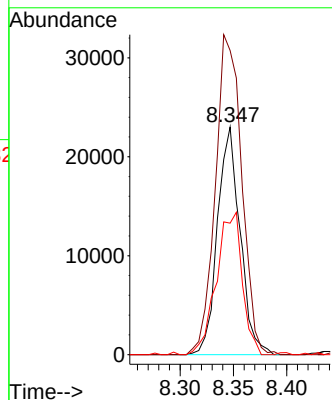
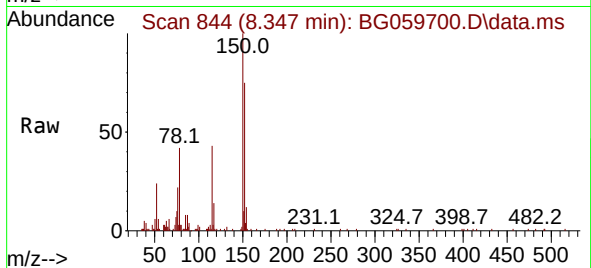




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

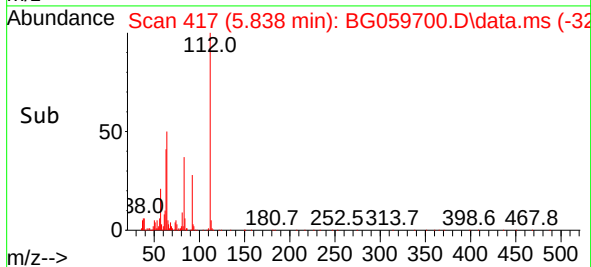
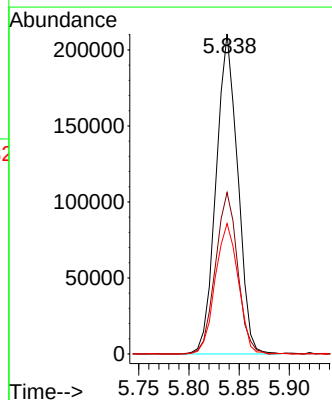
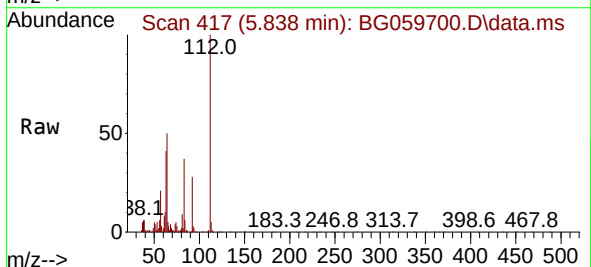
Instrument :
BNA_G
ClientSampleId :
TP-5

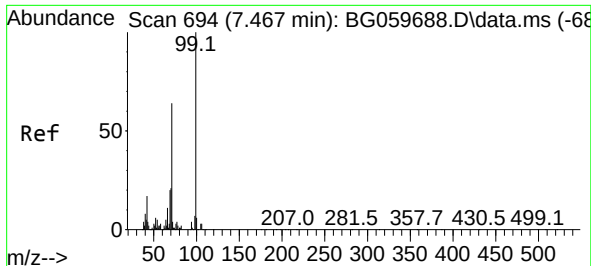
Tgt Ion:152 Resp: 33920
Ion Ratio Lower Upper
152 100
150 133.6 113.9 170.9
115 57.8 59.4 89.2#



#5
2-Fluorophenol
Concen: 160.549 ng
RT: 5.838 min Scan# 417
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion:112 Resp: 315441
Ion Ratio Lower Upper
112 100
64 50.4 39.0 58.6
63 40.8 29.8 44.6

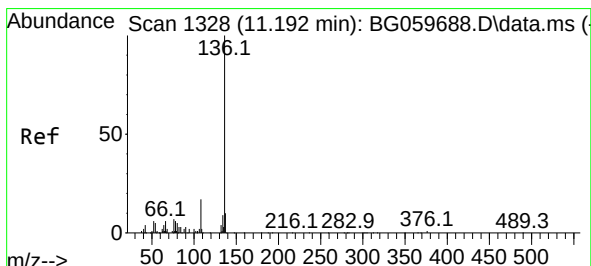
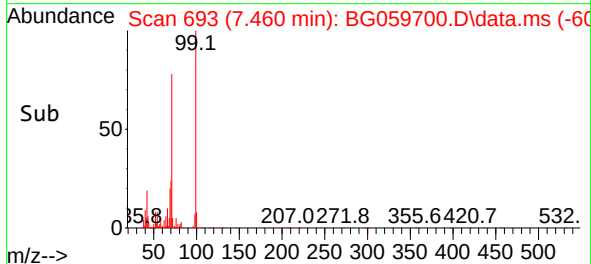
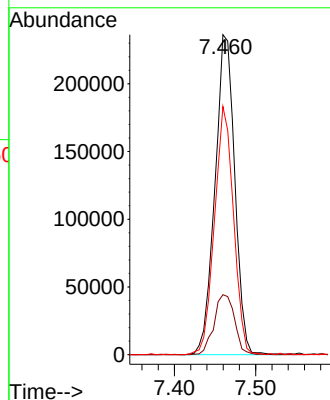
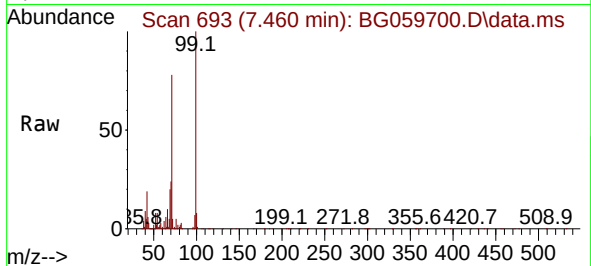




#7
Phenol-d6
Concen: 135.008 ng
RT: 7.460 min Scan# 694
Delta R.T. -0.007 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

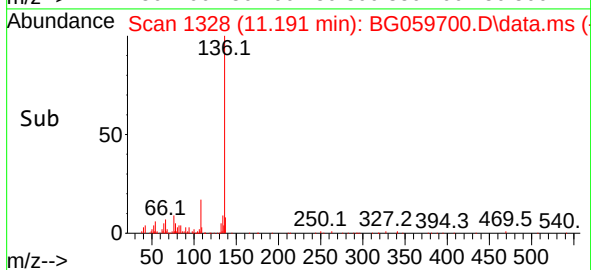
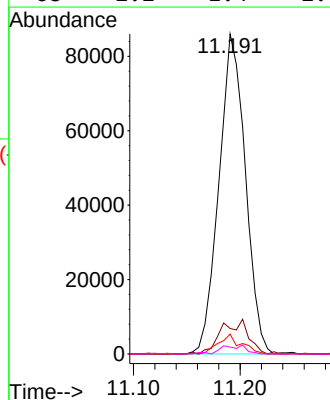
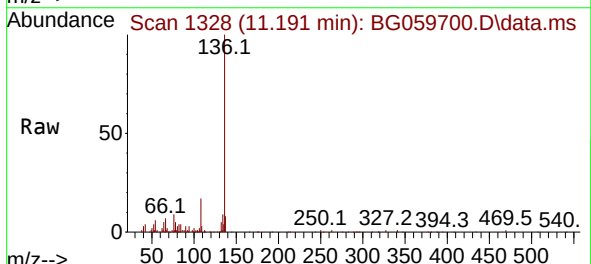
Instrument :
BNA_G
ClientSampleId :
TP-5

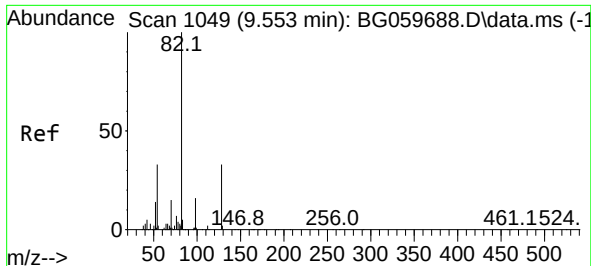
Tgt Ion: 99 Resp: 400868
Ion Ratio Lower Upper
99 100
42 18.8 13.2 19.8
71 77.5 51.3 76.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion: 136 Resp: 148010
Ion Ratio Lower Upper
136 100
137 8.0 7.7 11.5
54 6.2 4.2 6.2
68 2.2 1.4 2.0#

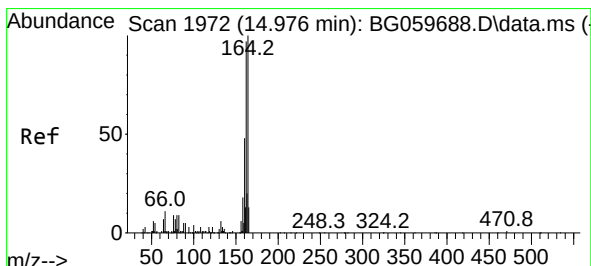
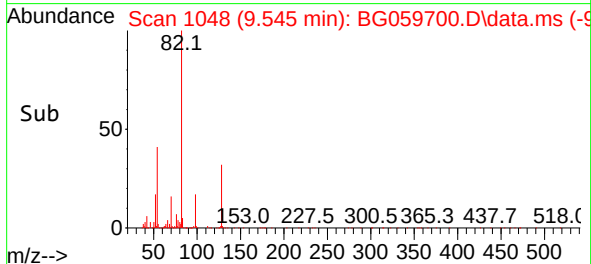
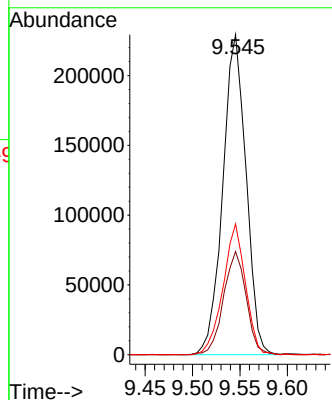
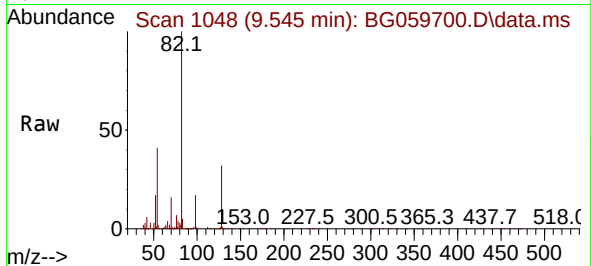




#23
Nitrobenzene-d5
Concen: 113.457 ng
RT: 9.545 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

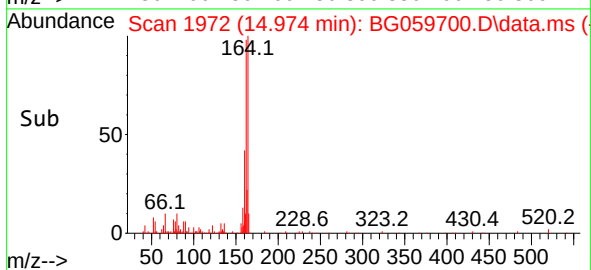
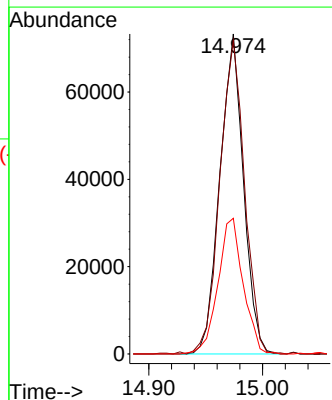
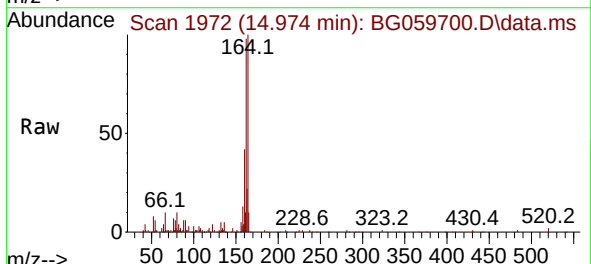
Instrument :
BNA_G
ClientSampleId :
TP-5

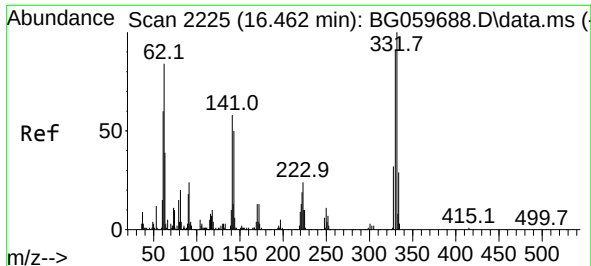
Tgt Ion: 82 Resp: 390625
Ion Ratio Lower Upper
82 100
128 32.2 26.3 39.5
54 40.9 26.6 39.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion:164 Resp: 105595
Ion Ratio Lower Upper
164 100
162 97.9 77.8 116.6
160 42.4 38.0 57.0

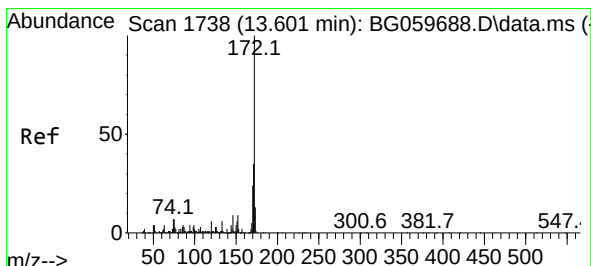
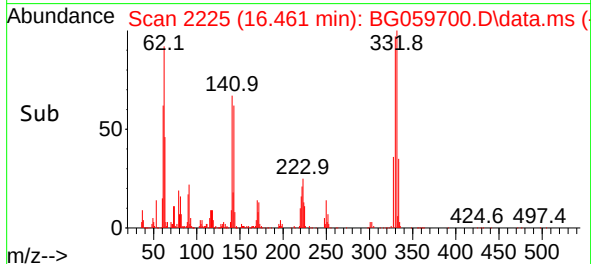
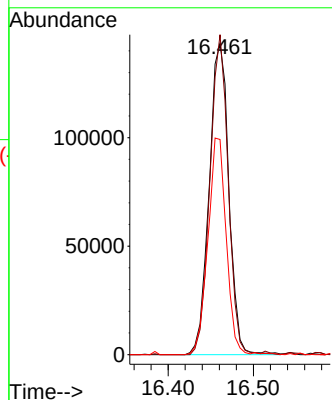
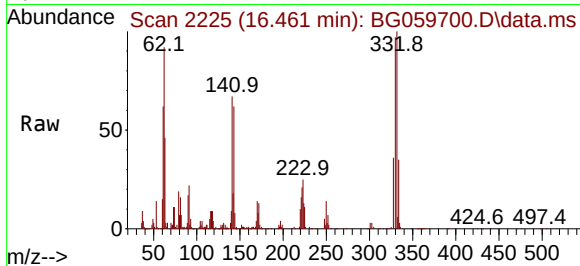




#42
2,4,6-Tribromophenol
Concen: 193.026 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

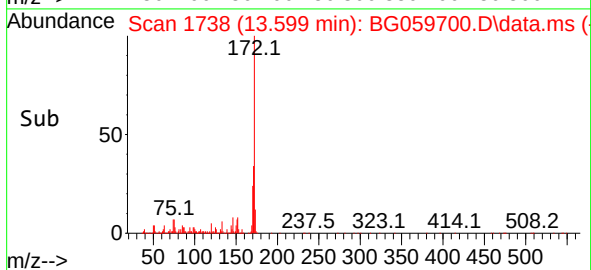
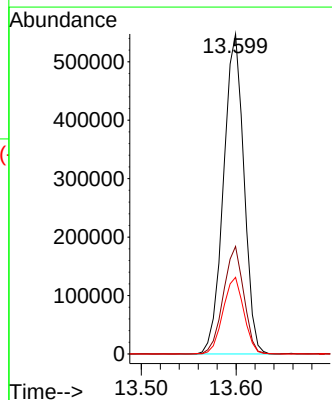
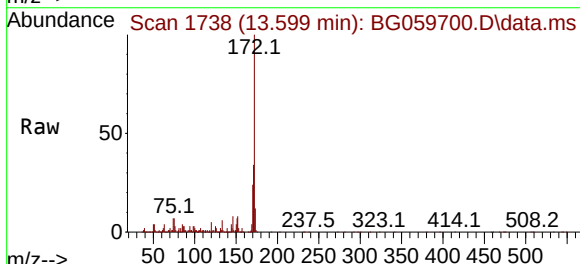
Instrument :
BNA_G
ClientSampleId :
TP-5

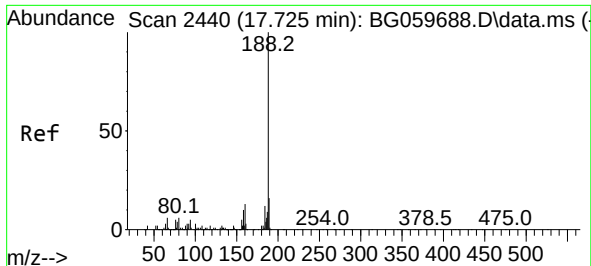
Tgt Ion:330 Resp: 230029
Ion Ratio Lower Upper
330 100
332 94.9 80.7 121.1
141 64.6 51.0 76.6



#45
2-Fluorobiphenyl
Concen: 104.645 ng
RT: 13.599 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion:172 Resp: 819599
Ion Ratio Lower Upper
172 100
171 33.6 27.9 41.9
170 23.9 19.0 28.4

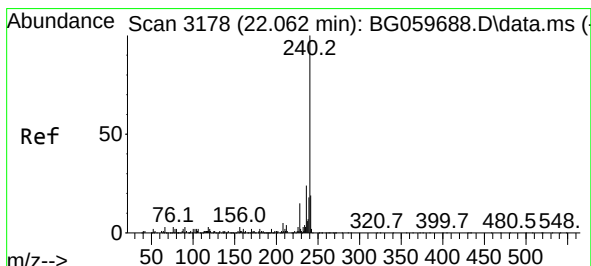
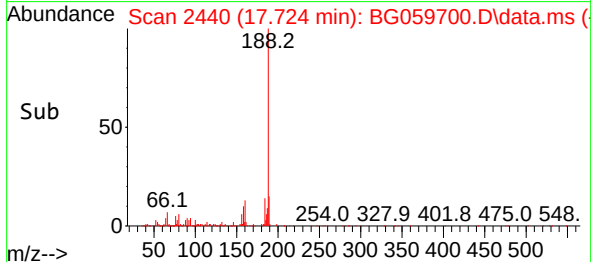
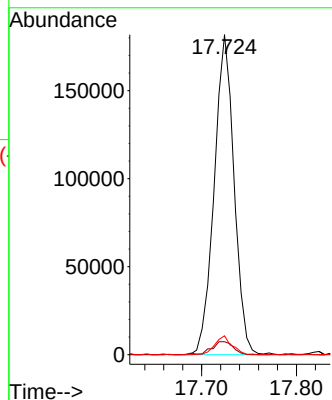
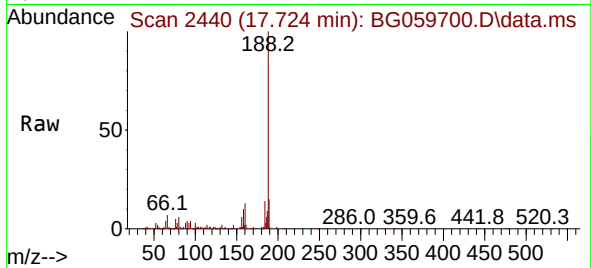




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.724 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

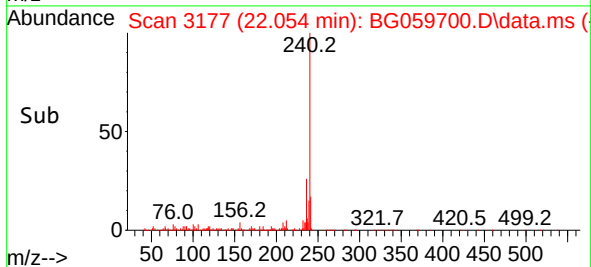
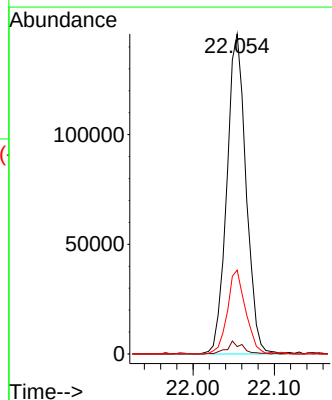
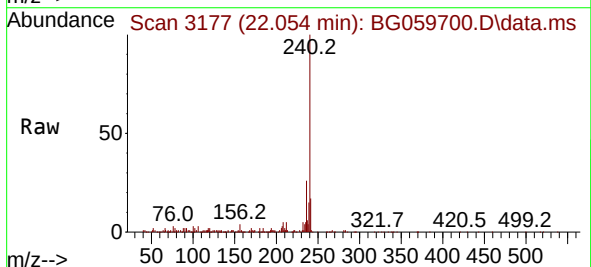
Instrument :
BNA_G
ClientSampleId :
TP-5

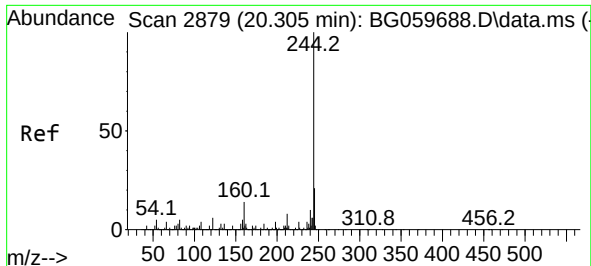
Tgt Ion:188 Resp: 264608
Ion Ratio Lower Upper
188 100
94 4.1 3.9 5.9
80 5.9 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.054 min Scan# 3177
Delta R.T. -0.007 min
Lab File: BG059700.D
Acq: 15 Nov 2023 15:03

Tgt Ion:240 Resp: 239691
Ion Ratio Lower Upper
240 100
120 2.3 2.6 3.8#
236 26.2 19.4 29.0



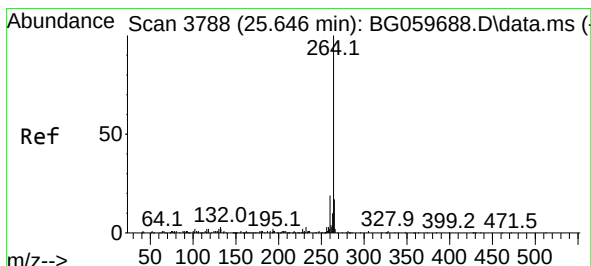
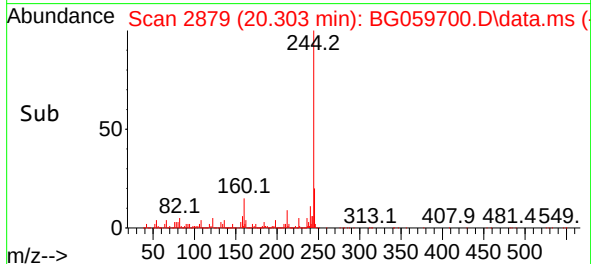
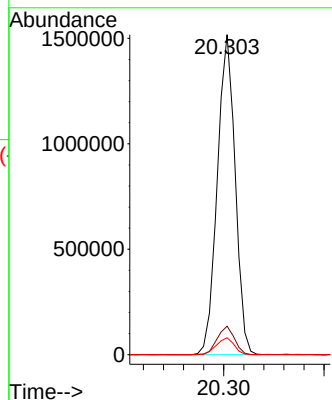
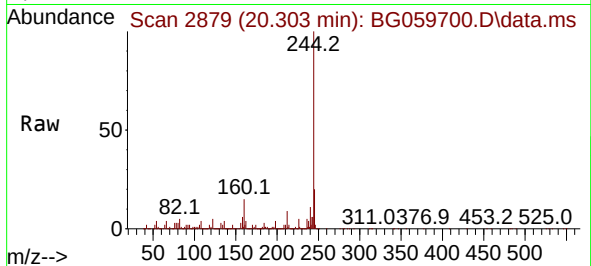


#79
 Terphenyl-d14
 Concen: 161.276 ng
 RT: 20.303 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059700.D
 Acq: 15 Nov 2023 15:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1873601

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	9.8
122	5.3	4.6	6.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.650 min Scan# 3789
 Delta R.T. 0.004 min
 Lab File: BG059700.D
 Acq: 15 Nov 2023 15:03

Tgt Ion:264 Resp: 268461

Ion	Ratio	Lower	Upper
264	100		
260	19.1	15.6	23.4
265	22.7	13.4	20.2

