

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059705.D
 Acq On : 15 Nov 2023 18:25
 Operator : MA/JU
 Sample : 05256-12RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-10RE

Quant Time: Nov 16 02:51:24 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	8.352	152	21935	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	96912	20.000	ng	0.00
39) Acenaphthene-d10	14.974	164	64018	20.000	ng	0.00
64) Phenanthrene-d10	17.723	188	150008	20.000	ng	# 0.00
76) Chrysene-d12	22.054	240	154251	20.000	ng	# 0.00
86) Perylene-d12	25.644	264	188496	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	190196	149.696	ng	0.00
7) Phenol-d6	7.459	99	230461	120.026	ng	0.00
23) Nitrobenzene-d5	9.545	82	231912	102.874	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	116360	161.057	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	450447	94.864	ng	0.00
79) Terphenyl-d14	20.303	244	1034738	138.403	ng	0.00

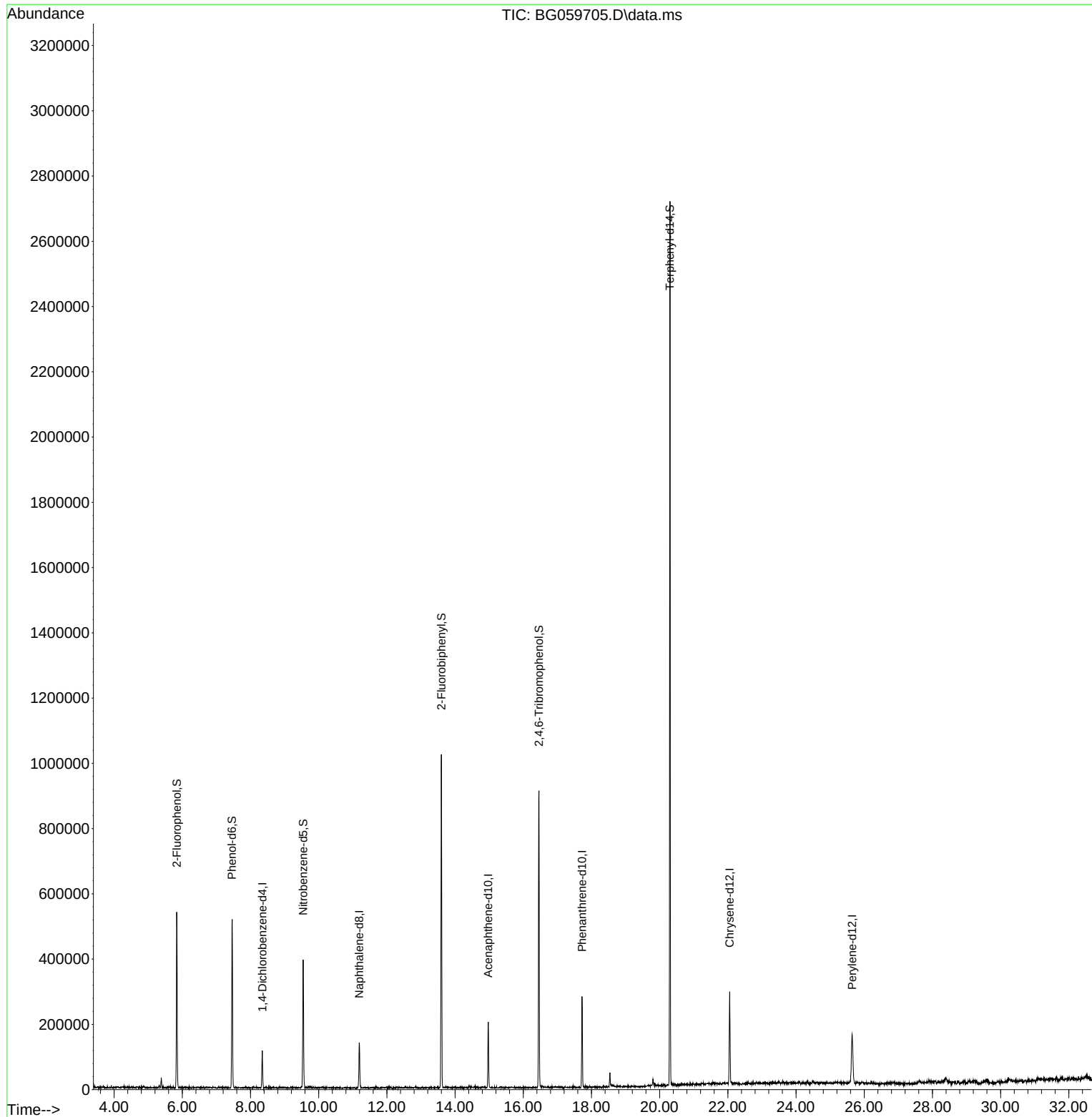
Target Compounds	Qvalue

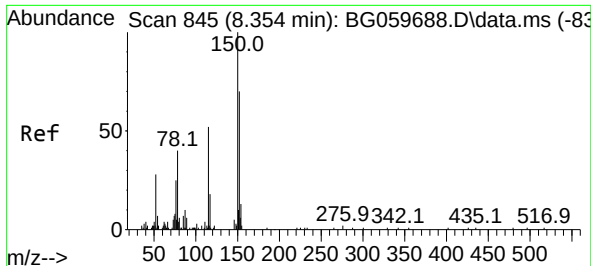
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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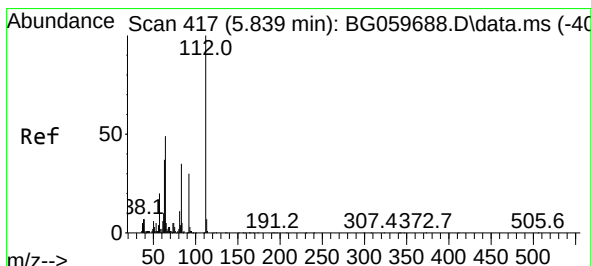
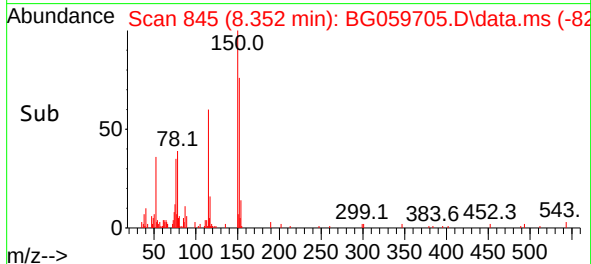
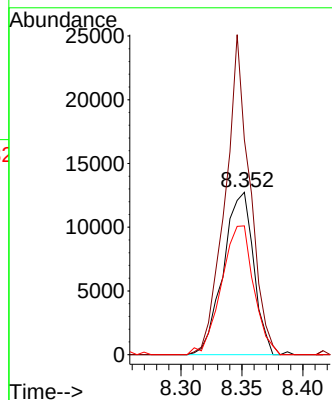
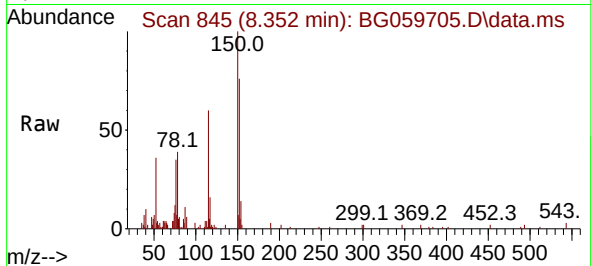




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.352 min Scan# 845
Delta R.T. -0.002 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

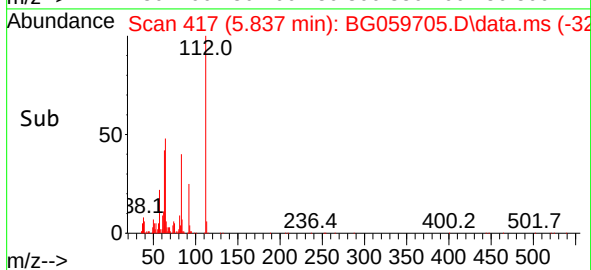
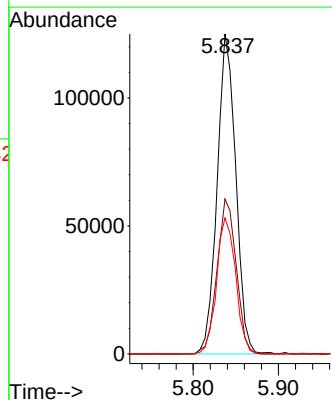
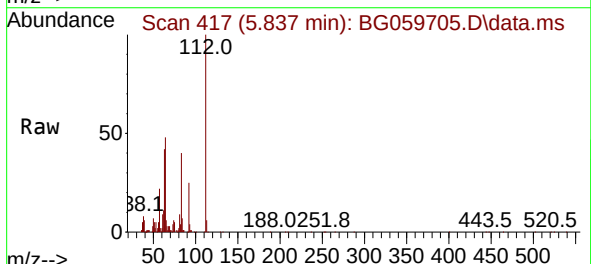
Instrument :
BNA_G
ClientSampleId :
WC-10RE

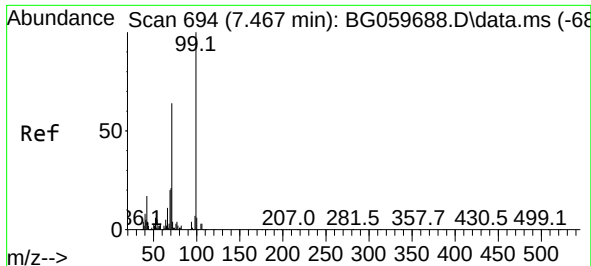
Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.2	113.9	170.9
115	79.3	59.4	89.2



#5
2-Fluorophenol
Concen: 149.696 ng
RT: 5.837 min Scan# 417
Delta R.T. -0.002 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.4	39.0	58.6
63	42.5	29.8	44.6

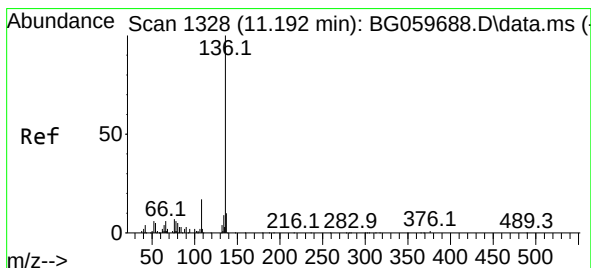
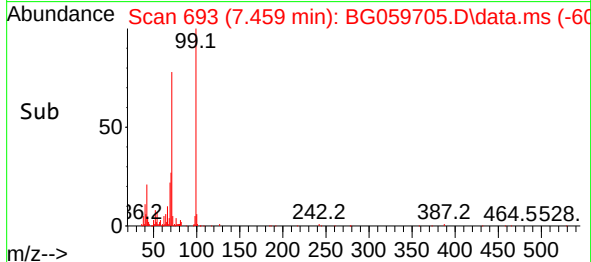
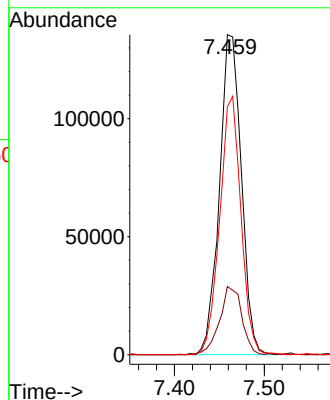
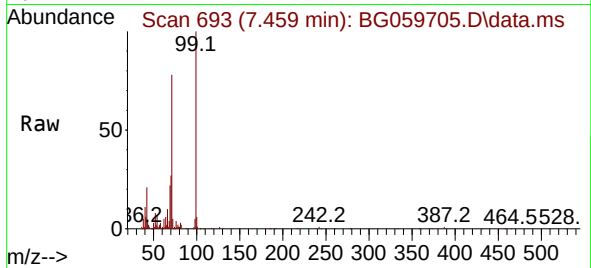




#7
Phenol-d6
Concen: 120.026 ng
RT: 7.459 min Scan# 694
Delta R.T. -0.008 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

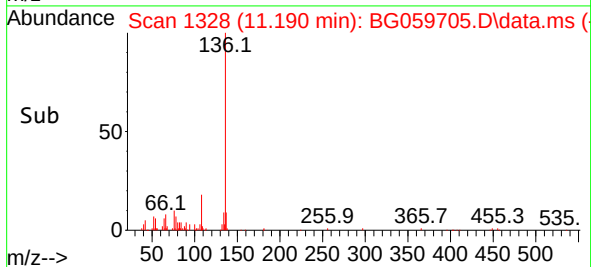
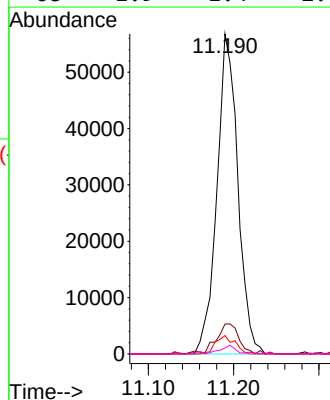
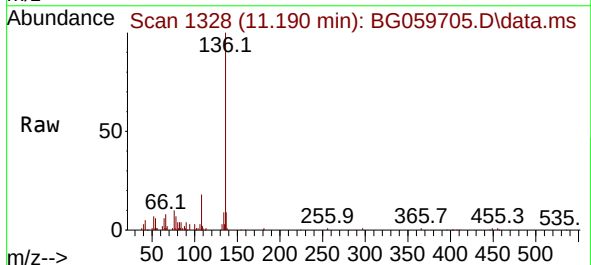
Instrument :
BNA_G
ClientSampleId :
WC-10RE

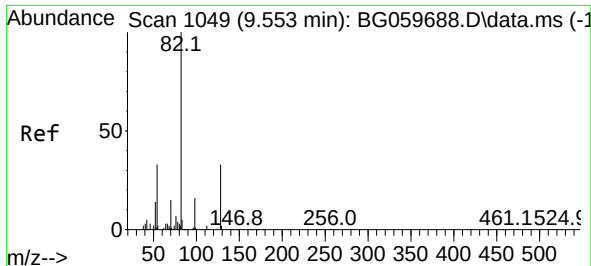
Tgt Ion: 99 Resp: 230461
Ion Ratio Lower Upper
99 100
42 21.3 13.2 19.8#
71 77.5 51.3 76.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 1328
Delta R.T. -0.002 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

Tgt Ion:136 Resp: 96912
Ion Ratio Lower Upper
136 100
137 9.3 7.7 11.5
54 5.8 4.2 6.2
68 1.9 1.4 2.0

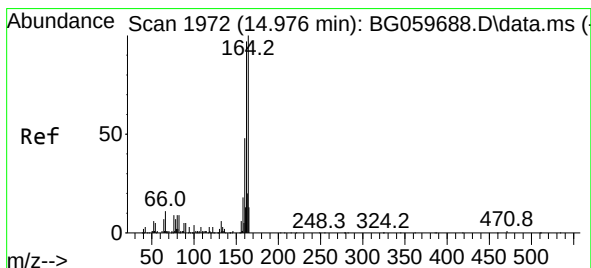
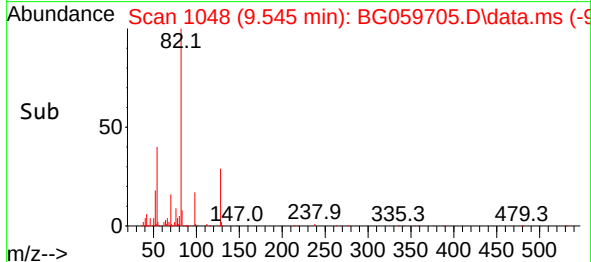
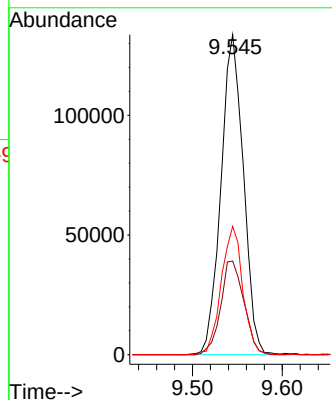
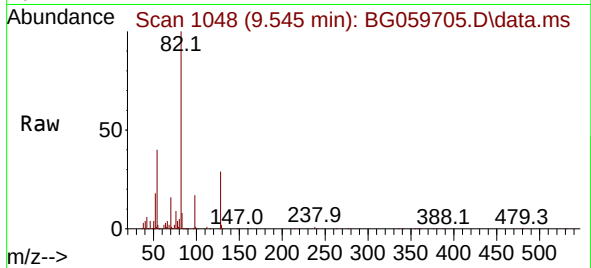




#23
Nitrobenzene-d5
Concen: 102.874 ng
RT: 9.545 min Scan# 1048
Delta R.T. -0.008 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

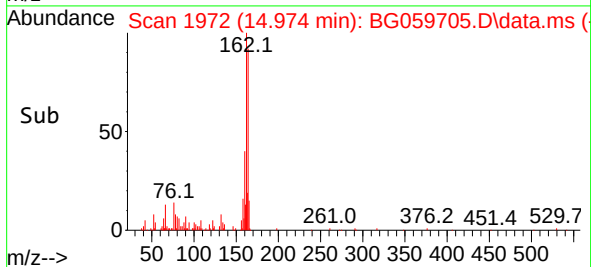
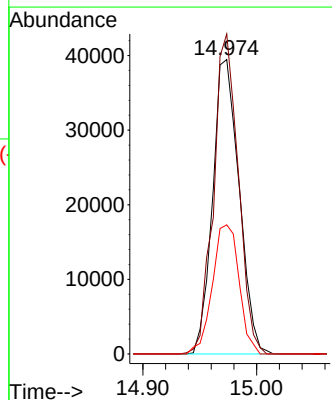
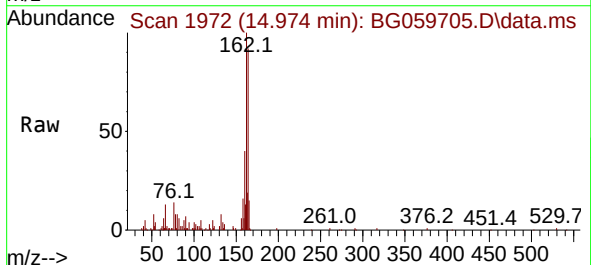
Instrument :
BNA_G
ClientSampleId :
WC-10RE

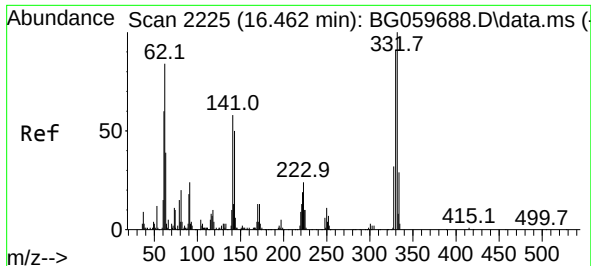
Tgt Ion: 82 Resp: 231912
Ion Ratio Lower Upper
82 100
128 29.2 26.3 39.5
54 40.1 26.6 39.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

Tgt Ion:164 Resp: 64018
Ion Ratio Lower Upper
164 100
162 108.7 77.8 116.6
160 43.9 38.0 57.0

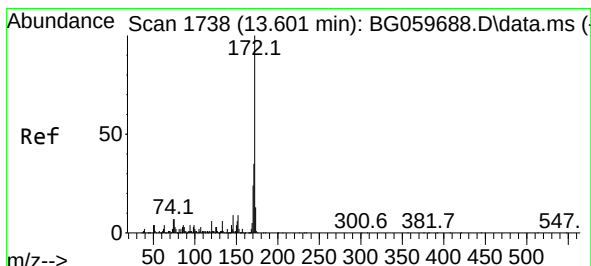
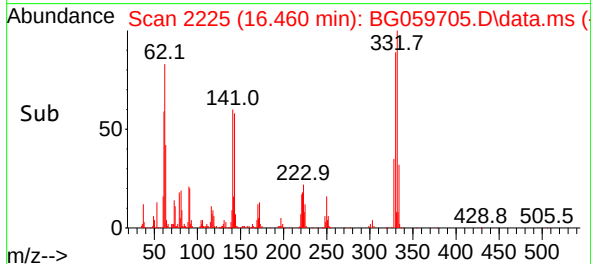
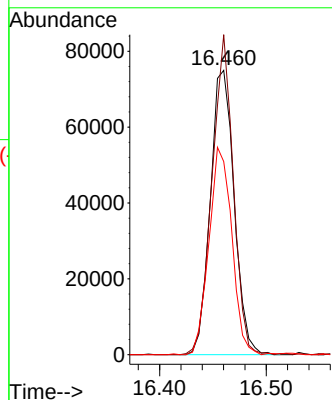
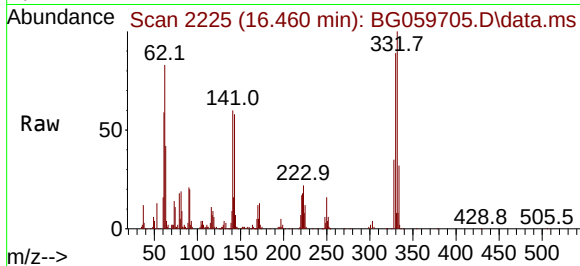




#42
2,4,6-Tribromophenol
Concen: 161.057 ng
RT: 16.460 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

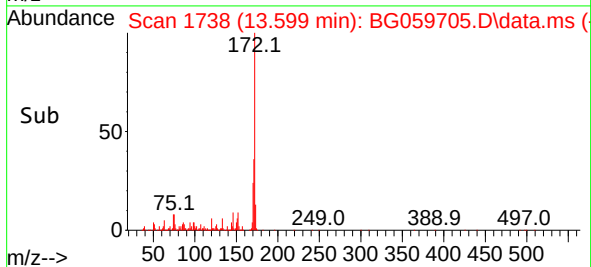
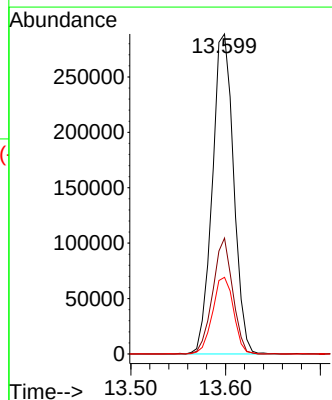
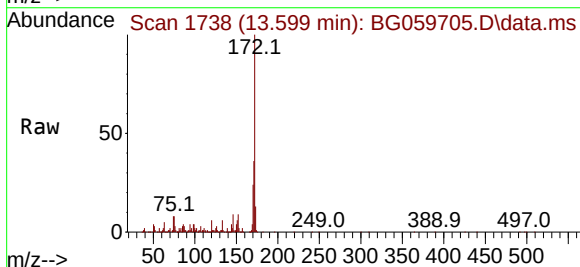
Instrument :
BNA_G
ClientSampleId :
WC-10RE

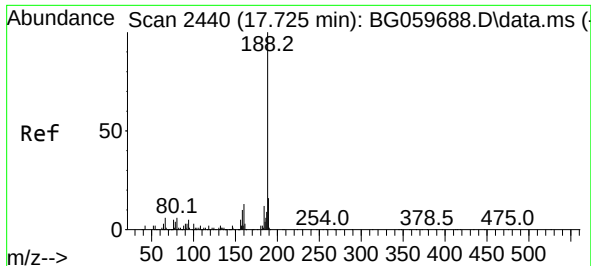
Tgt Ion:330 Resp: 116360
Ion Ratio Lower Upper
330 100
332 100.5 80.7 121.1
141 70.2 51.0 76.6



#45
2-Fluorobiphenyl
Concen: 94.864 ng
RT: 13.599 min Scan# 1738
Delta R.T. -0.002 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

Tgt Ion:172 Resp: 450447
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 24.0 19.0 28.4

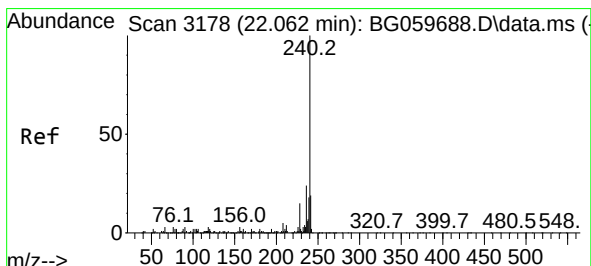
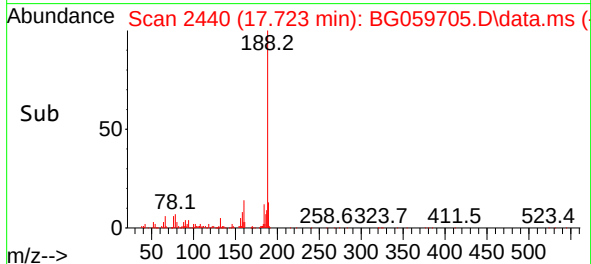
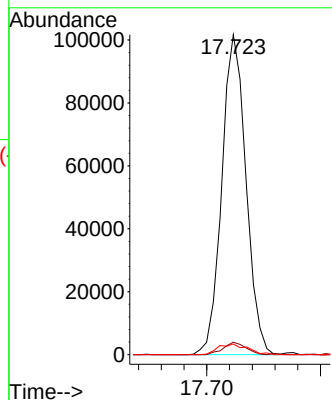
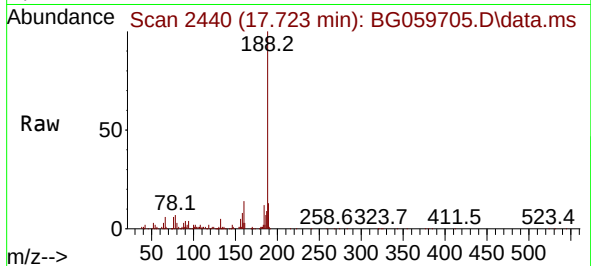




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.723 min Scan# 2440
Delta R.T. -0.002 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

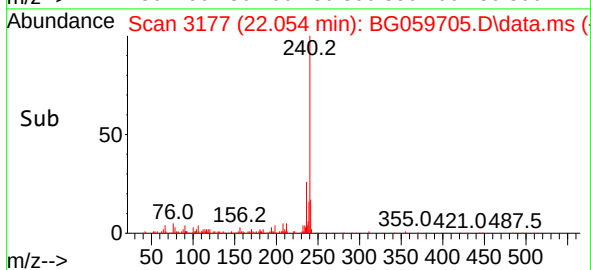
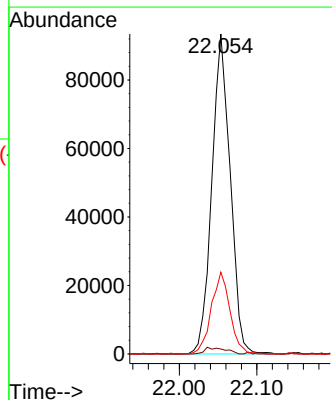
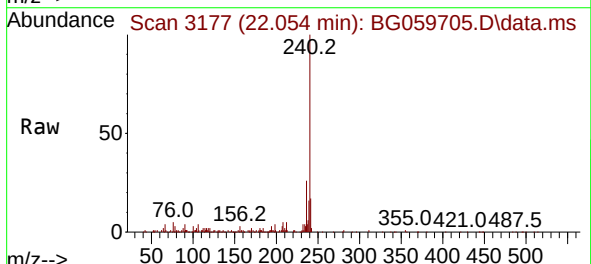
Instrument :
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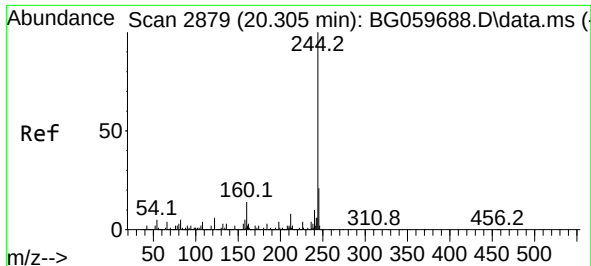
Tgt Ion:188 Resp: 150008
Ion Ratio Lower Upper
188 100
94 3.9 3.9 5.9#
80 3.4 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.054 min Scan# 3177
Delta R.T. -0.008 min
Lab File: BG059705.D
Acq: 15 Nov 2023 18:25

Tgt Ion:240 Resp: 154251
Ion Ratio Lower Upper
240 100
120 1.5 2.6 3.8#
236 25.5 19.4 29.0

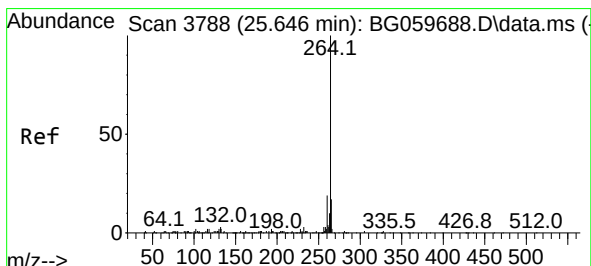
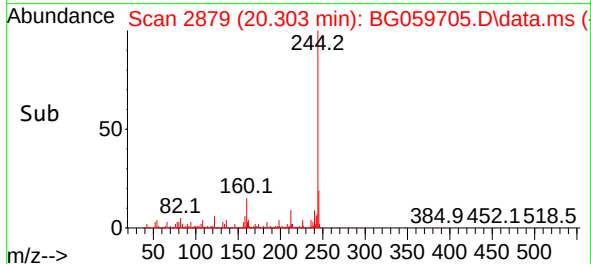
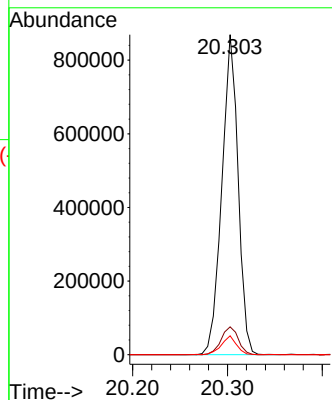
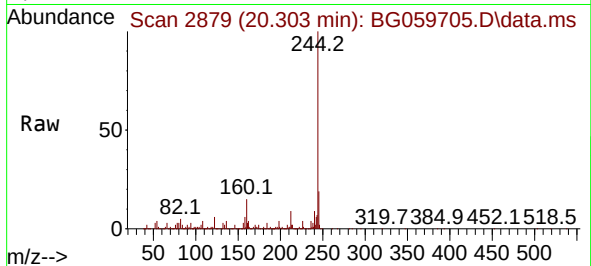




#79
 Terphenyl-d14
 Concen: 138.403 ng
 RT: 20.303 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059705.D
 Acq: 15 Nov 2023 18:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-10RE

Tgt Ion:244 Resp: 1034738
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.6 9.8
 122 5.9 4.6 6.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.644 min Scan# 3788
 Delta R.T. -0.002 min
 Lab File: BG059705.D
 Acq: 15 Nov 2023 18:25

Tgt Ion:264 Resp: 188496
 Ion Ratio Lower Upper
 264 100
 260 19.3 15.6 23.4
 265 22.0 13.4 20.2#

