

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059758.D
 Acq On : 18 Nov 2023 10:31
 Operator : MA/JU
 Sample : 05374-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB21197

Quant Time: Nov 20 04:41:00 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)

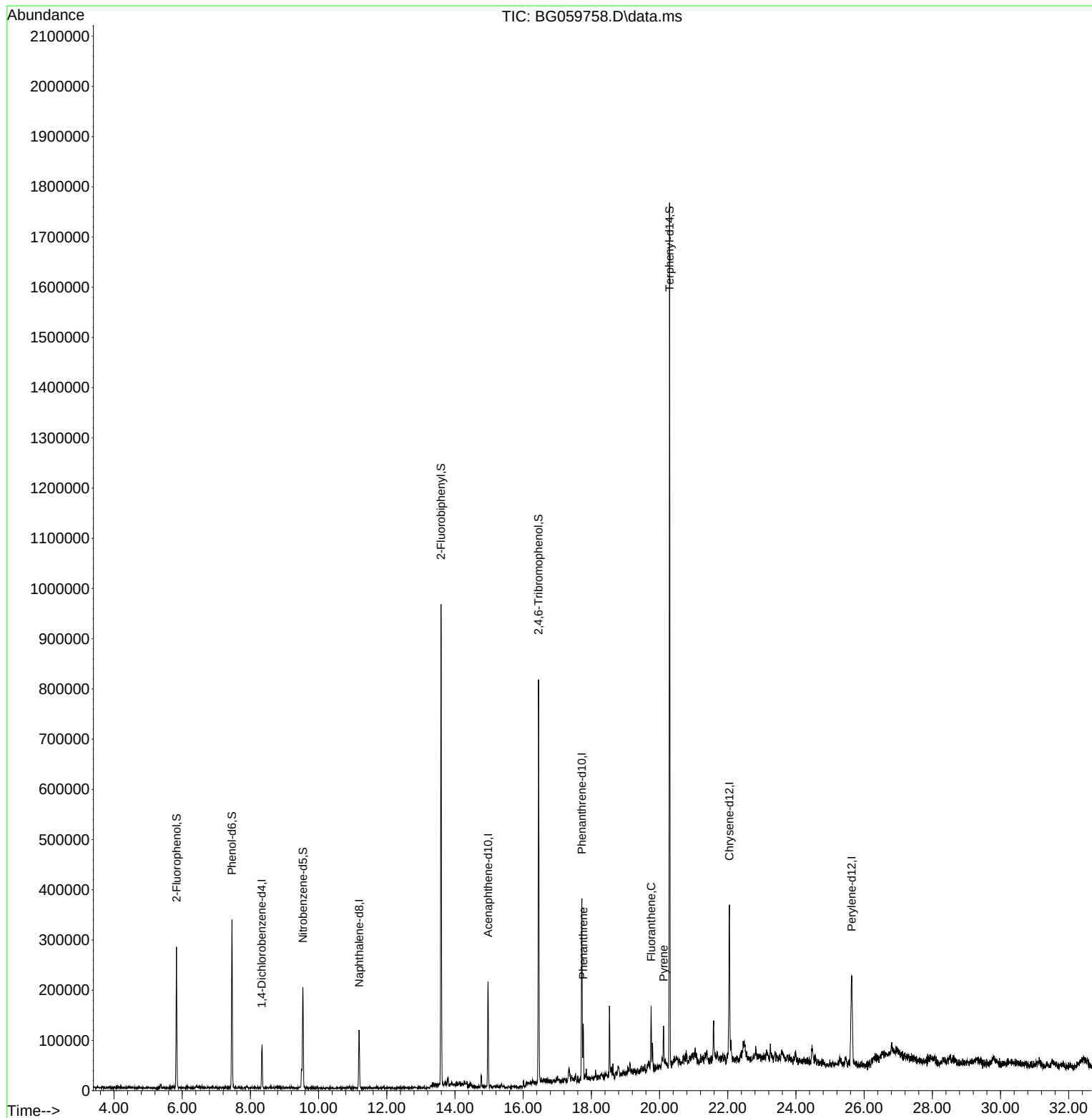
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	17434	20.000	ng	-0.01
21) Naphthalene-d8	11.192	136	78355	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	63426	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	191501	20.000	ng	# 0.00
76) Chrysene-d12	22.050	240	168624	20.000	ng	# 0.00
86) Perylene-d12	25.634	264	216415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	86921	83.917	ng	0.00
7) Phenol-d6	7.461	99	139245	90.716	ng	0.00
23) Nitrobenzene-d5	9.541	82	124534	60.701	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	96845	134.573	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	386583	82.042	ng	0.00
79) Terphenyl-d14	20.293	244	646827	56.628	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.761	178	62589	6.428	ng	# 92
75) Fluoranthene	19.753	202	61490	5.266	ng	90
78) Pyrene	20.117	202	45632	3.977	ng	94

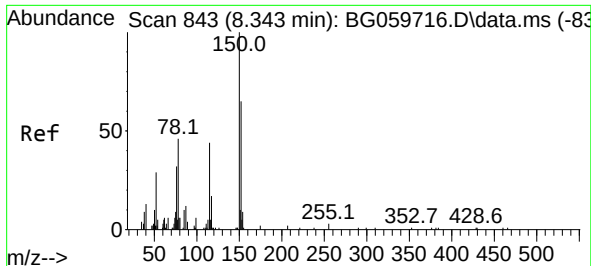
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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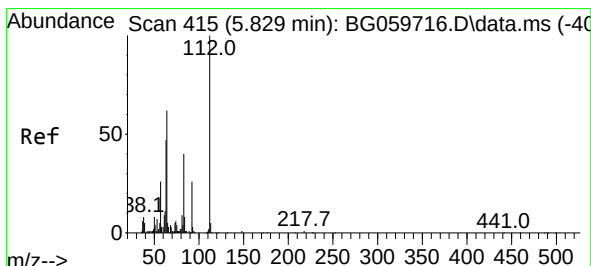
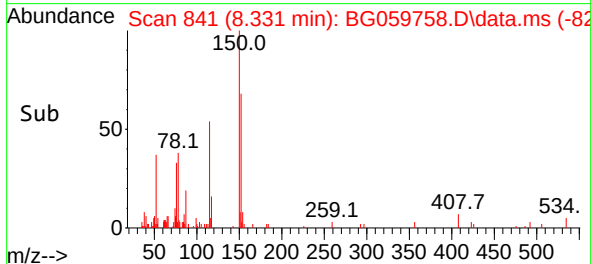
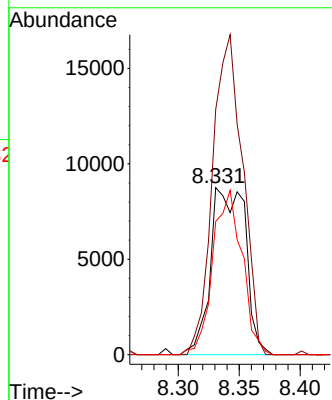
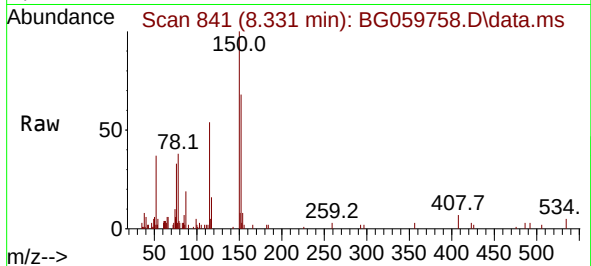




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.331 min Scan# 843
Delta R.T. -0.012 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

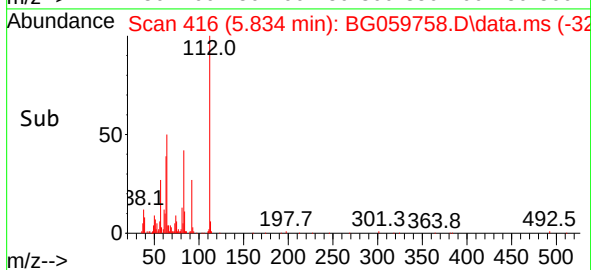
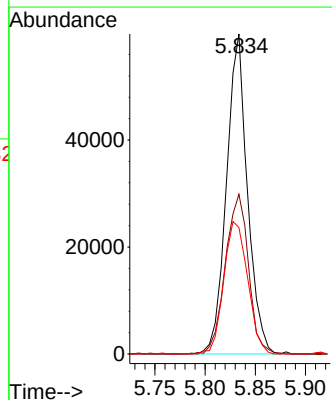
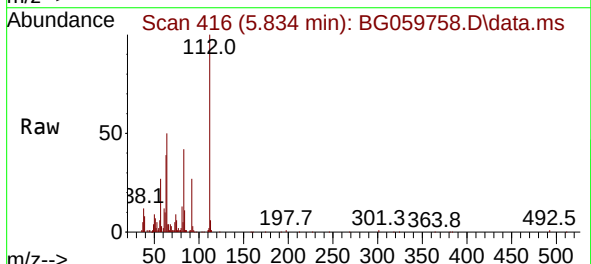
Instrument :
BNA_G
ClientSampleId :
RB21197

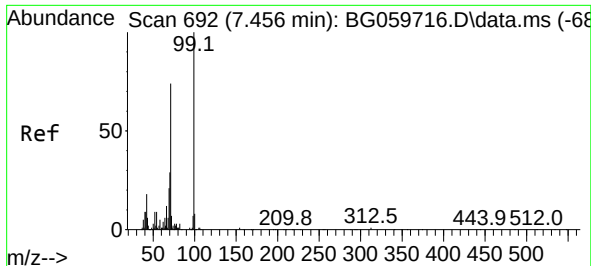
Tgt Ion:152 Resp: 17434
Ion Ratio Lower Upper
152 100
150 146.8 122.2 183.4
115 79.8 54.2 81.4



#5
2-Fluorophenol
Concen: 83.917 ng
RT: 5.834 min Scan# 416
Delta R.T. 0.005 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

Tgt Ion:112 Resp: 86921
Ion Ratio Lower Upper
112 100
64 49.9 49.5 74.3
63 39.5 37.4 56.2

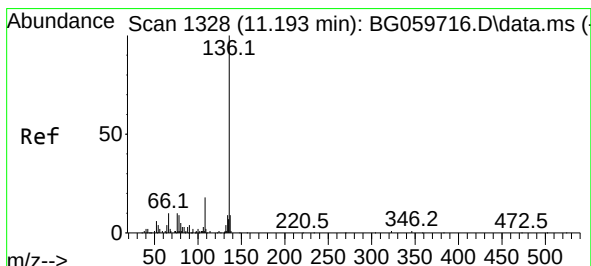
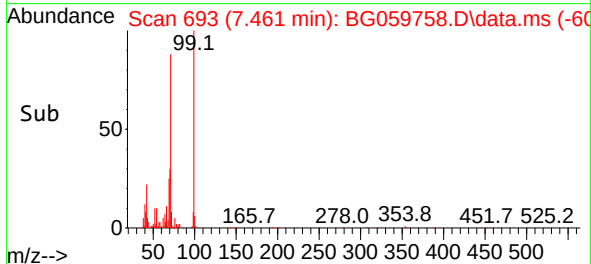
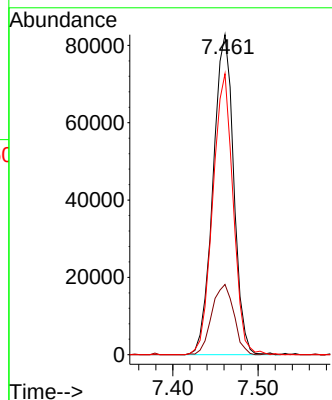
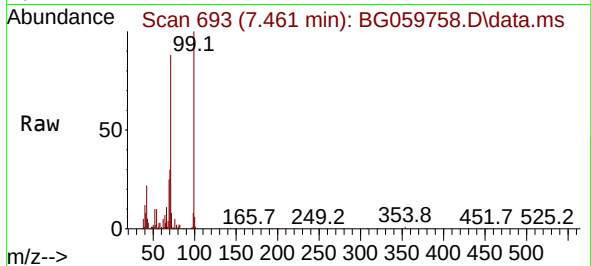




#7
Phenol-d6
Concen: 90.716 ng
RT: 7.461 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

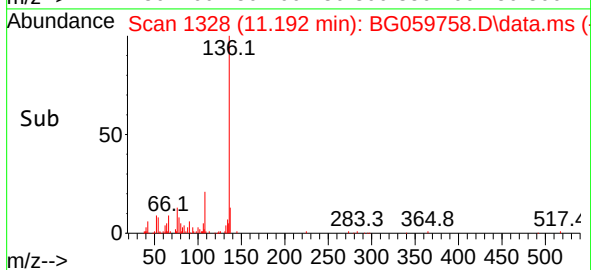
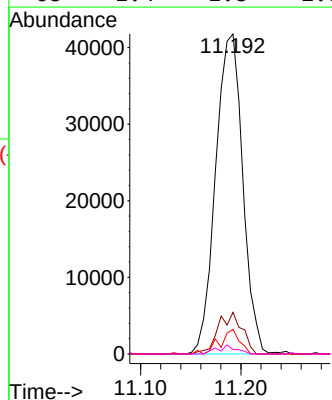
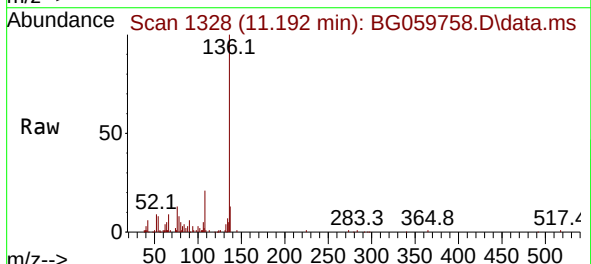
Instrument :
BNA_G
ClientSampleId :
RB21197

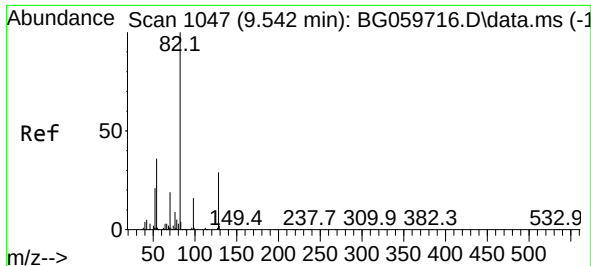
Tgt Ion: 99 Resp: 139245
Ion Ratio Lower Upper
99 100
42 22.0 14.3 21.5#
71 87.8 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1328
Delta R.T. -0.001 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

Tgt Ion: 136 Resp: 78355
Ion Ratio Lower Upper
136 100
137 13.0 7.4 11.0#
54 7.7 3.1 4.7#
68 1.4 1.8 2.8#

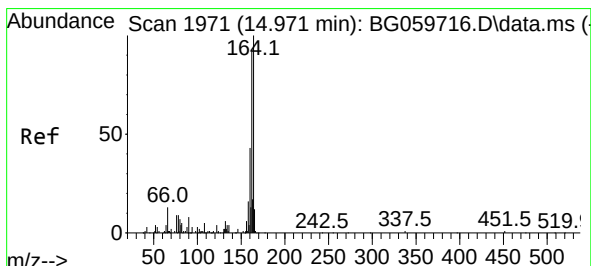
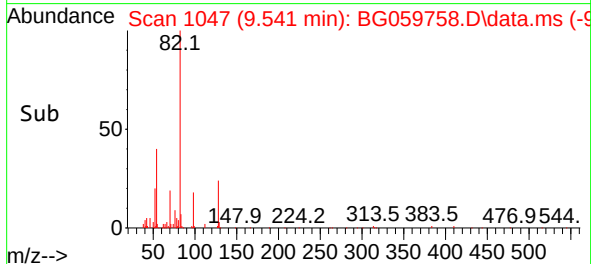
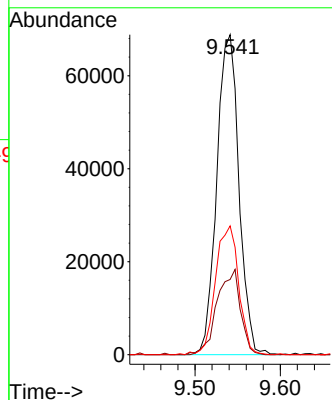
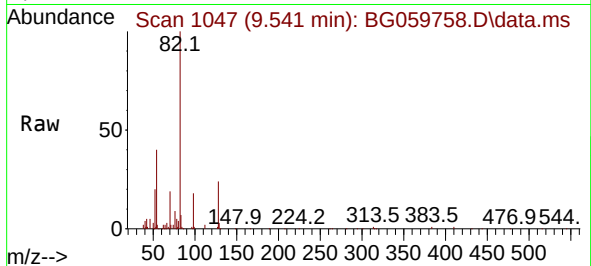




#23
Nitrobenzene-d5
Concen: 60.701 ng
RT: 9.541 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

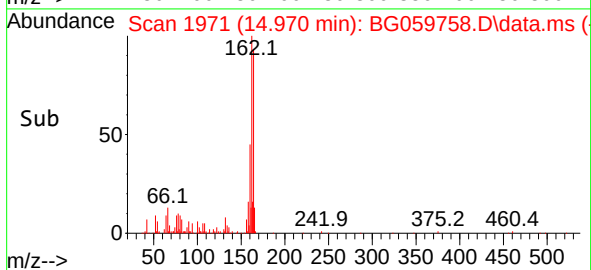
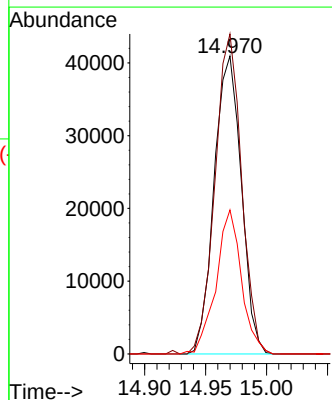
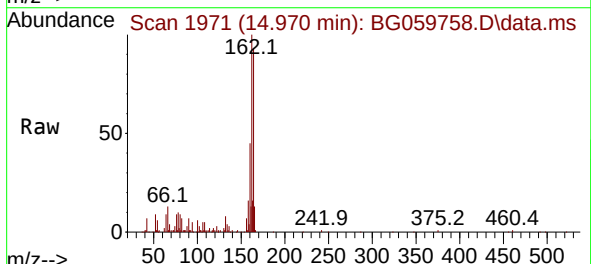
Instrument :
BNA_G
ClientSampleId :
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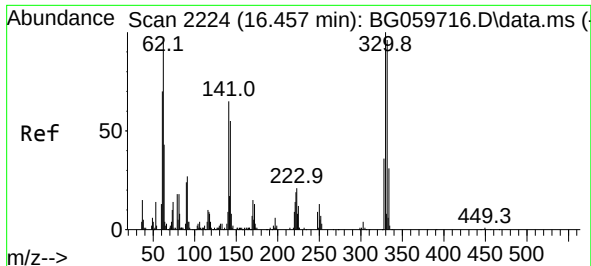
Tgt Ion: 82 Resp: 124534
Ion Ratio Lower Upper
82 100
128 23.5 23.0 34.6
54 40.3 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

Tgt Ion:164 Resp: 63426
Ion Ratio Lower Upper
164 100
162 107.4 73.3 109.9
160 48.3 34.1 51.1

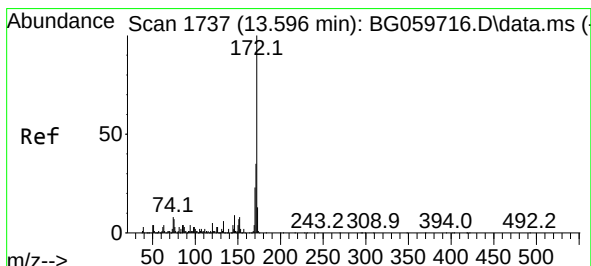
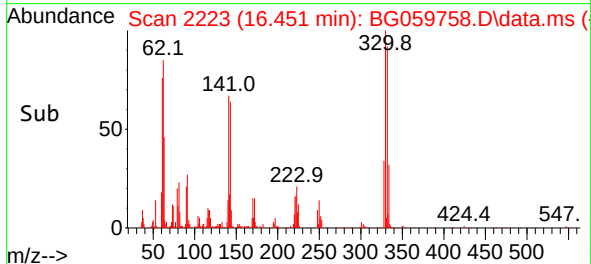
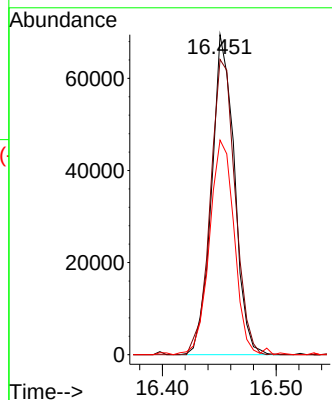
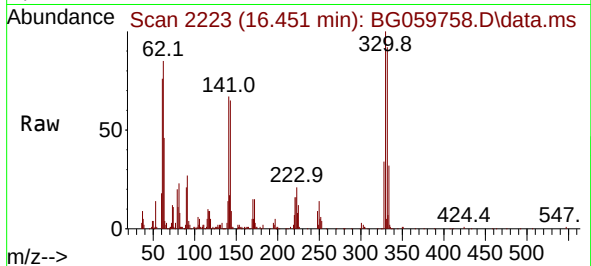




#42
2,4,6-Tribromophenol
Concen: 134.573 ng
RT: 16.451 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

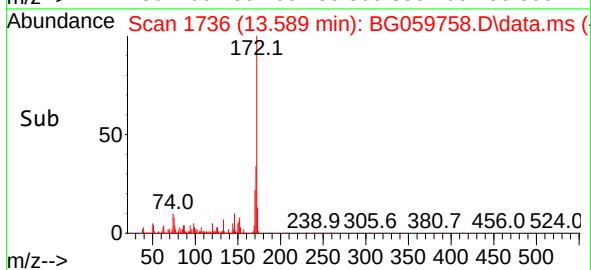
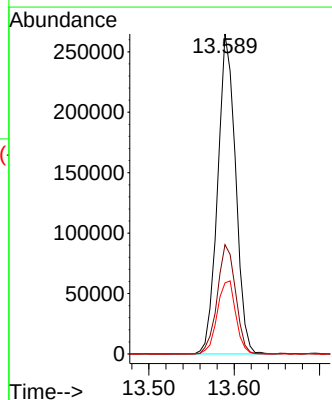
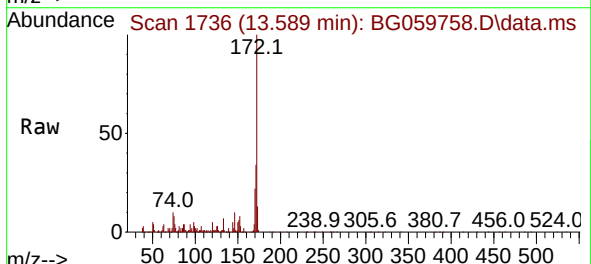
Instrument :
BNA_G
ClientSampleId :
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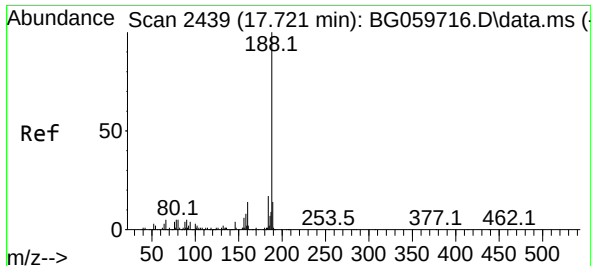
Tgt Ion:330 Resp: 96845
Ion Ratio Lower Upper
330 100
332 99.9 73.3 109.9
141 72.1 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 82.042 ng
RT: 13.589 min Scan# 1736
Delta R.T. -0.007 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

Tgt Ion:172 Resp: 386583
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.2 18.4 27.6

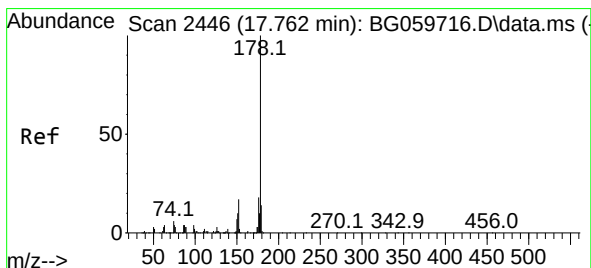
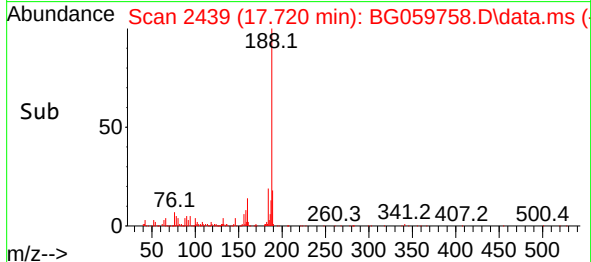
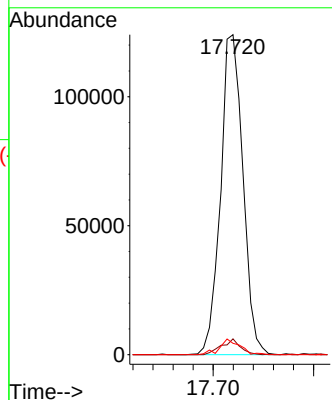
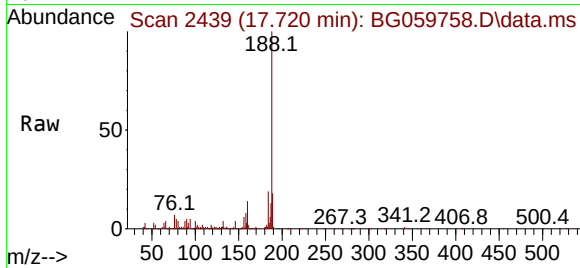




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

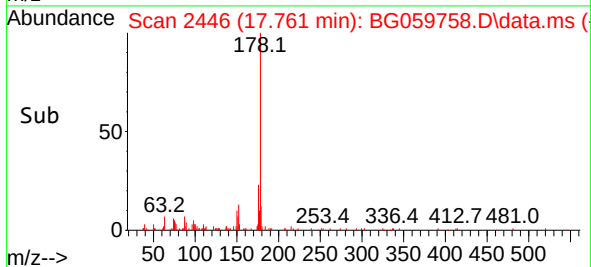
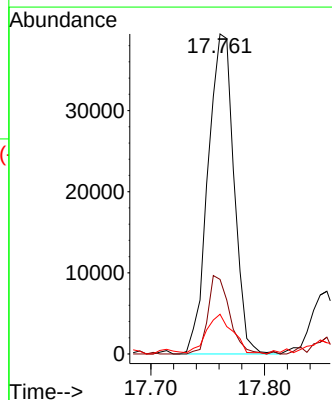
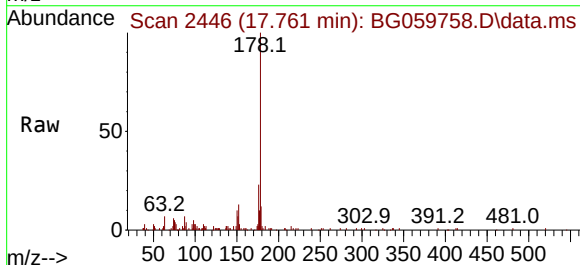
Instrument :
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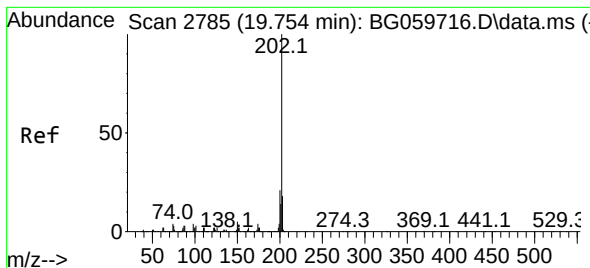
Tgt Ion:188 Resp: 191501
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.4#
80 3.6 4.2 6.4#



#71
Phenanthrene
Concen: 6.428 ng
RT: 17.761 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

Tgt Ion:178 Resp: 62589
Ion Ratio Lower Upper
178 100
176 23.3 14.5 21.7#
179 12.4 11.2 16.8

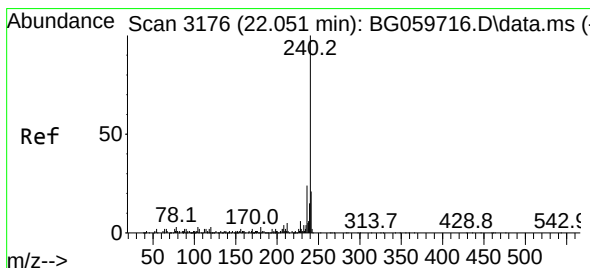
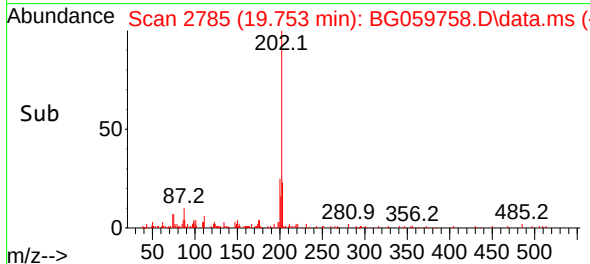
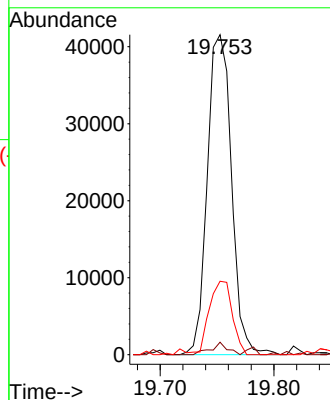
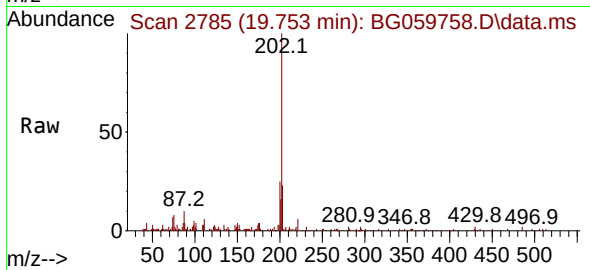




#75
Fluoranthene
Concen: 5.266 ng
RT: 19.753 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

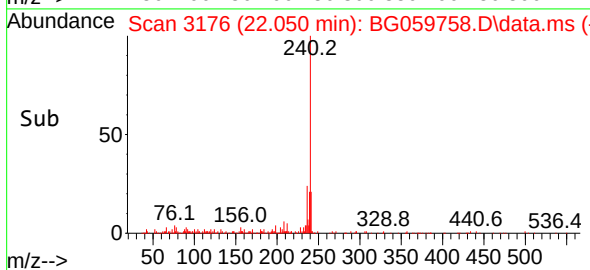
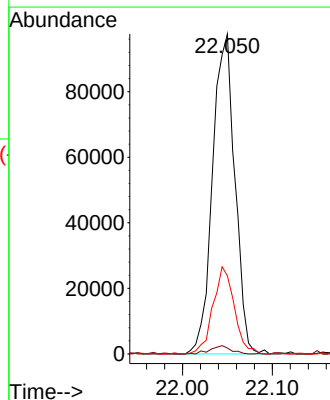
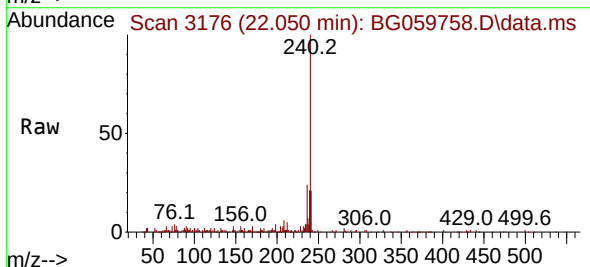
Instrument :
BNA_G
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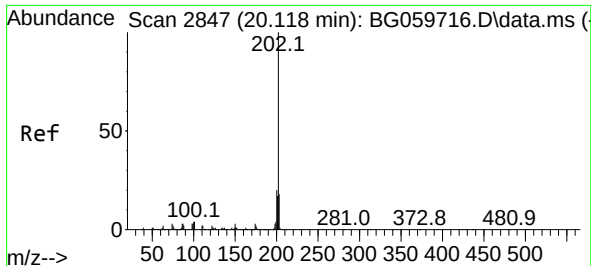
Tgt Ion:202 Resp: 61490
Ion Ratio Lower Upper
202 100
101 4.8 0.0 22.7
203 23.0 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.050 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG059758.D
Acq: 18 Nov 2023 10:31

Tgt Ion:240 Resp: 168624
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 24.4 19.4 29.2

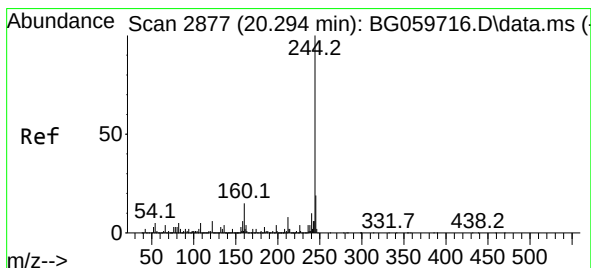
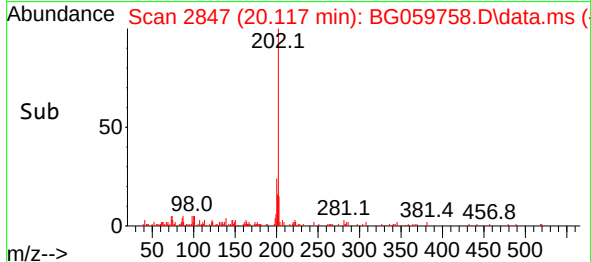
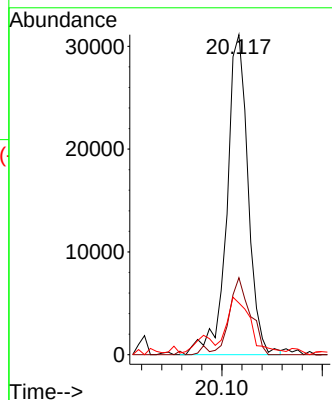
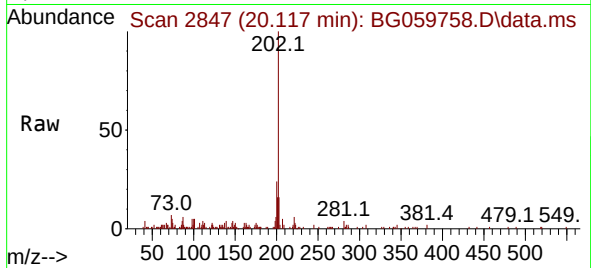




#78
 Pyrene
 Concen: 3.977 ng
 RT: 20.117 min Scan# 2847
 Delta R.T. -0.001 min
 Lab File: BG059758.D
 Acq: 18 Nov 2023 10:31

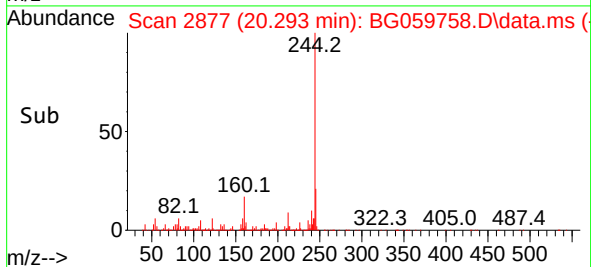
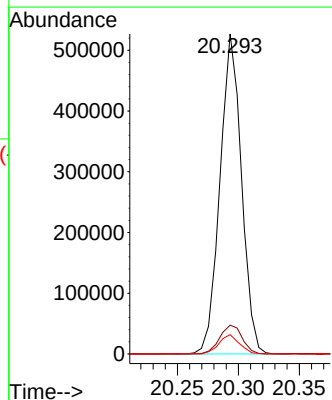
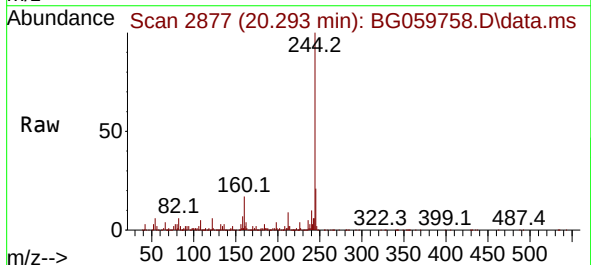
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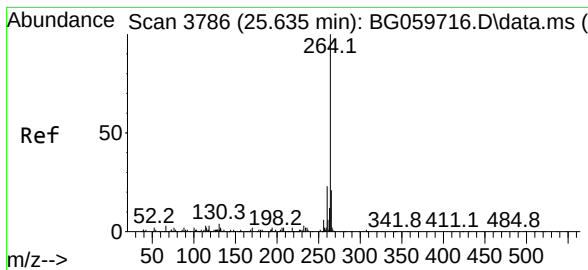
Tgt Ion:	202	Resp:	45632
Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.2	24.4
203	16.2	14.0	21.0



#79
 Terphenyl-d14
 Concen: 56.628 ng
 RT: 20.293 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG059758.D
 Acq: 18 Nov 2023 10:31

Tgt Ion:	244	Resp:	646827
Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	10.0
122	6.0	4.4	6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.634 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG059758.D
 Acq: 18 Nov 2023 10:31

Instrument :
 BNA_G
 ClientSampleId :
 RB21197

Tgt Ion:264 Resp: 216415

Ion	Ratio	Lower	Upper
264	100		
260	20.8	18.5	27.7
265	20.0	17.0	25.6

