

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059816.D
 Acq On : 22 Nov 2023 13:13
 Operator : MA/JU
 Sample : PB157200TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157200TB

Quant Time: Nov 22 13:56:55 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	8.329	152	21975	20.000	ng	#-0.01
21) Naphthalene-d8	11.184	136	145658	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	101241	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	264507	20.000	ng	# 0.00
76) Chrysene-d12	22.042	240	254294	20.000	ng	# 0.00
86) Perylene-d12	25.620	264	271287	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	170721	130.761	ng	0.00
7) Phenol-d6	7.453	99	229774	118.761	ng	0.00
23) Nitrobenzene-d5	9.533	82	316730	83.048	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	178501	155.393	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	614404	81.688	ng	-0.01
79) Terphenyl-d14	20.291	244	1579340	91.685	ng	0.00

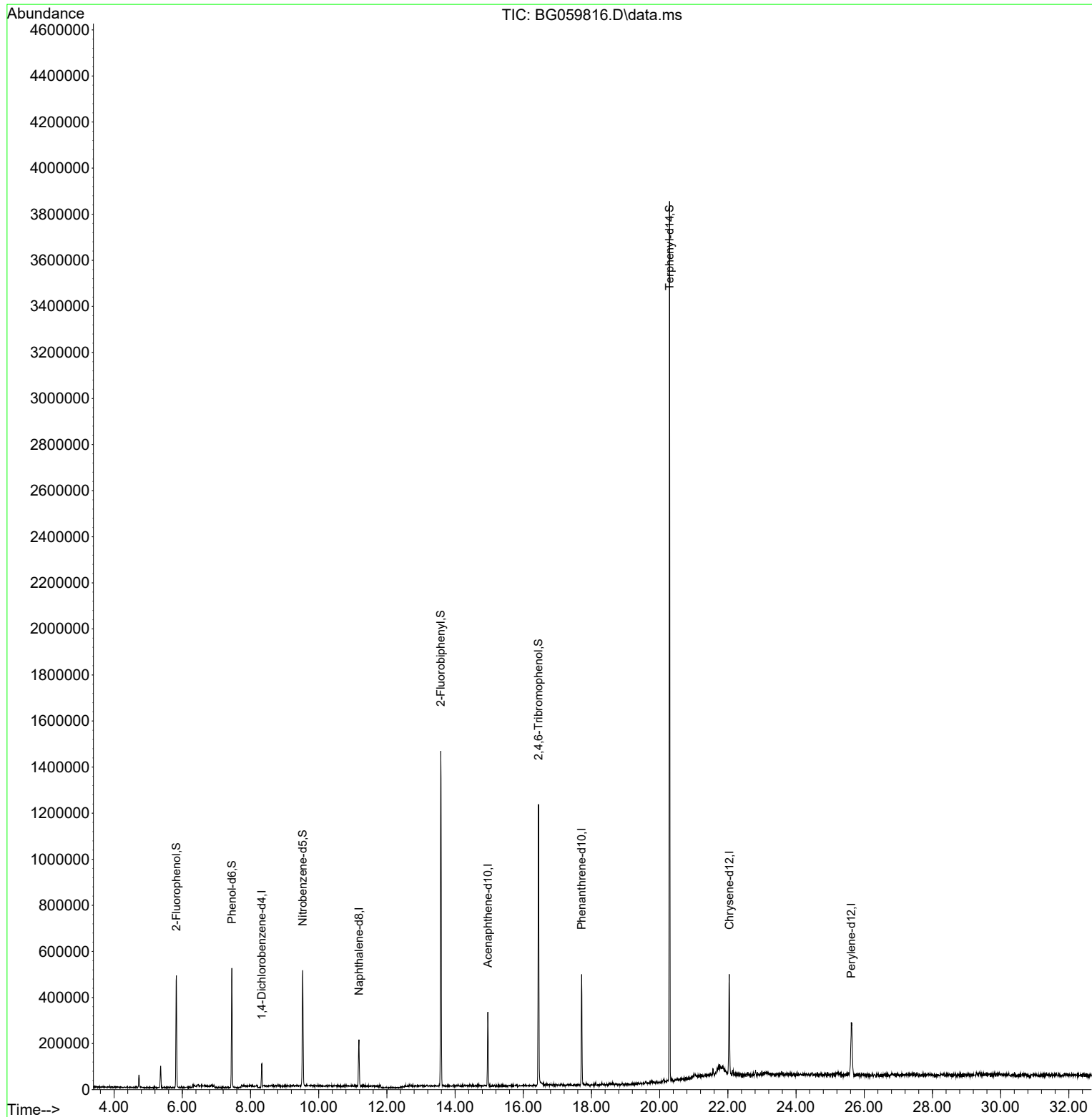
Target Compounds	Qvalue

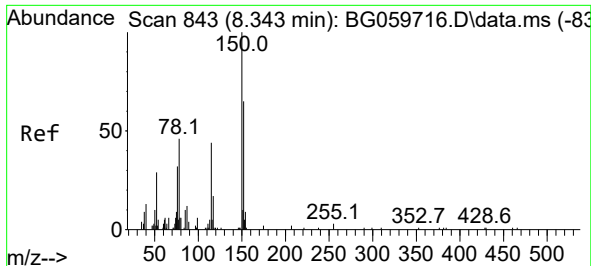
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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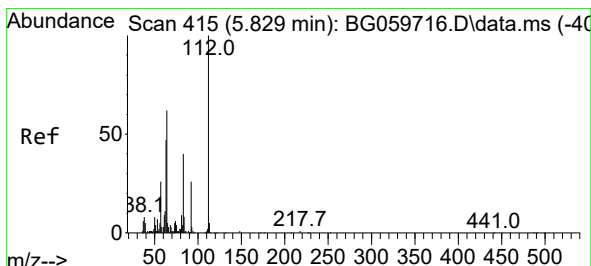
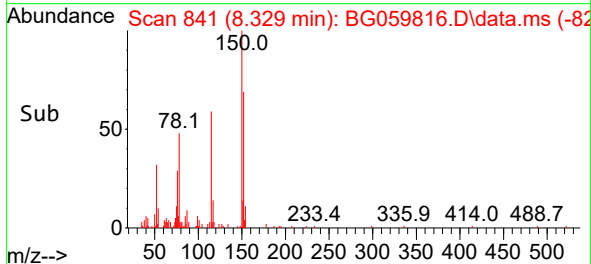
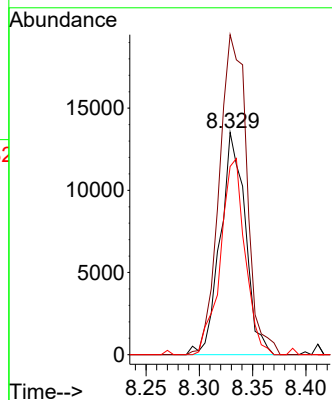
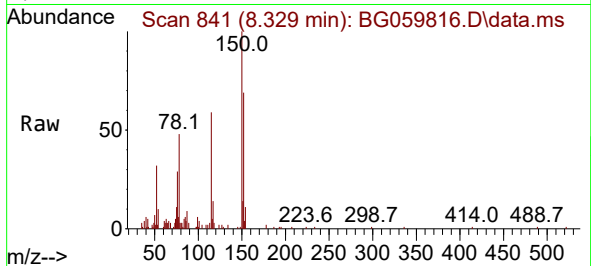




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 84
Delta R.T. -0.014 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

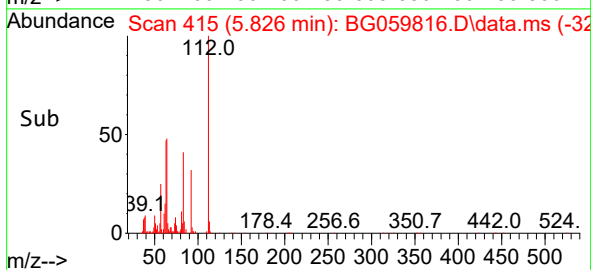
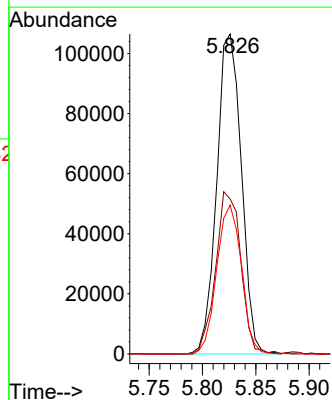
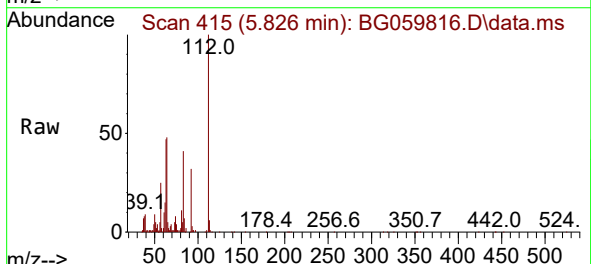
Instrument :
BNA_G
ClientSampleId :
PB157200TB

Tgt Ion:152 Resp: 21975
Ion Ratio Lower Upper
152 100
150 144.0 122.2 183.4
115 84.7 54.2 81.4#



#5
2-Fluorophenol
Concen: 130.761 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion:112 Resp: 170721
Ion Ratio Lower Upper
112 100
64 48.5 49.5 74.3#
63 46.5 37.4 56.2

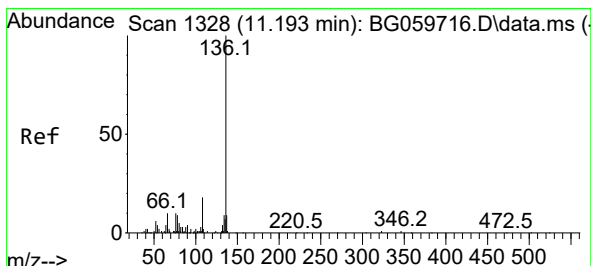
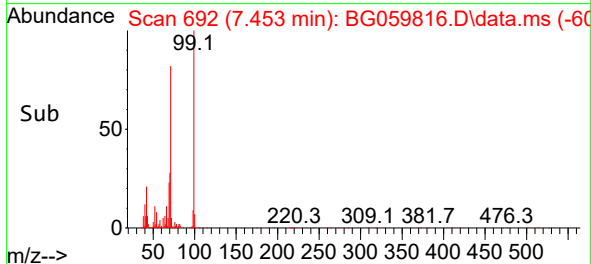
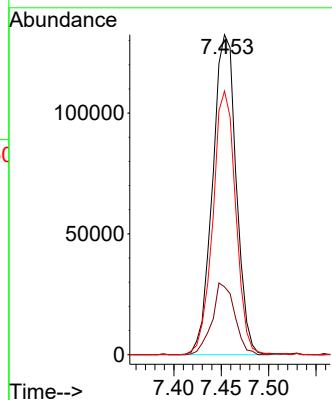
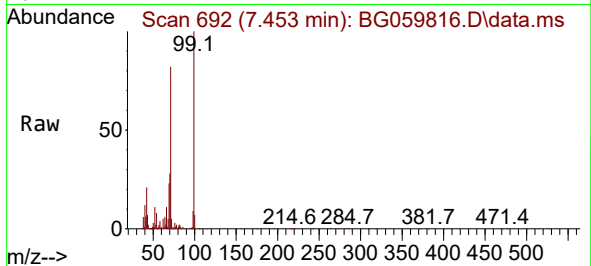




#7
Phenol-d6
Concen: 118.761 ng
RT: 7.453 min Scan# 692
Delta R.T. -0.003 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

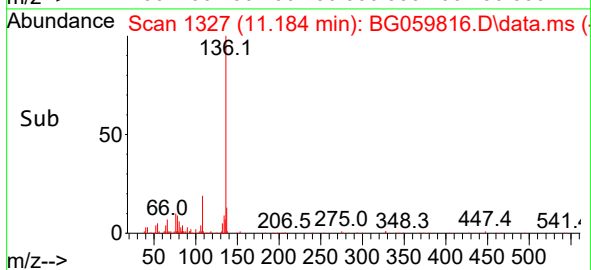
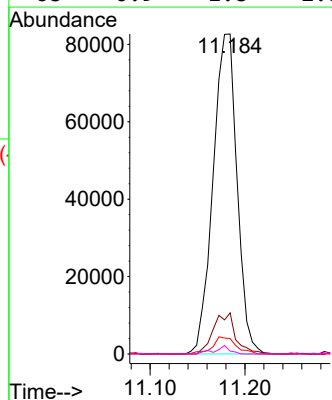
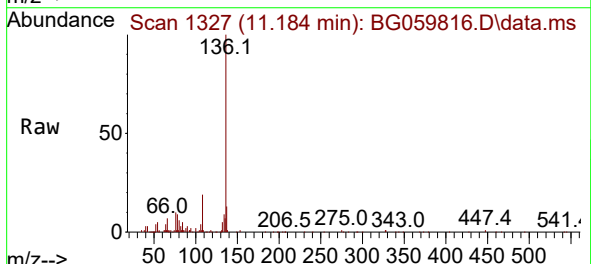
Instrument :
BNA_G
ClientSampleId :
PB157200TB

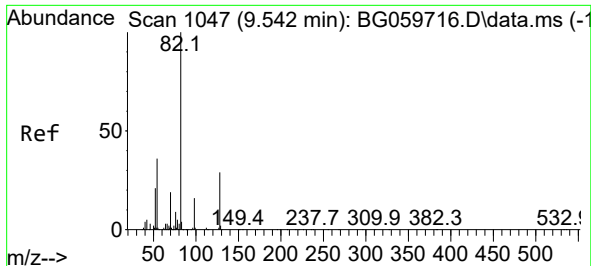
Tgt Ion: 99 Resp: 229774
Ion Ratio Lower Upper
99 100
42 21.2 14.3 21.5
71 82.4 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion: 136 Resp: 145658
Ion Ratio Lower Upper
136 100
137 12.8 7.4 11.0#
54 4.8 3.1 4.7#
68 0.9 1.8 2.8#

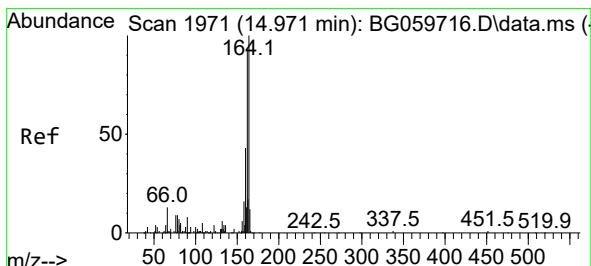
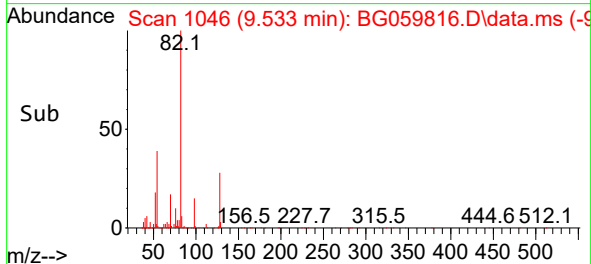
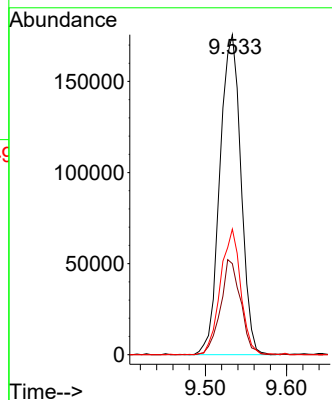
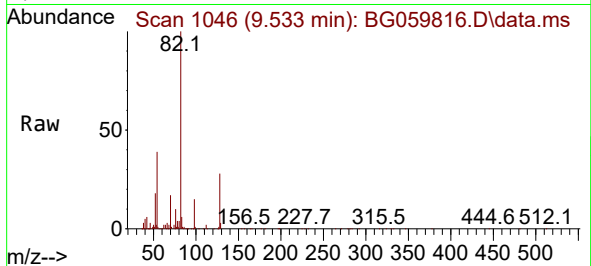




#23
Nitrobenzene-d5
Concen: 83.048 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

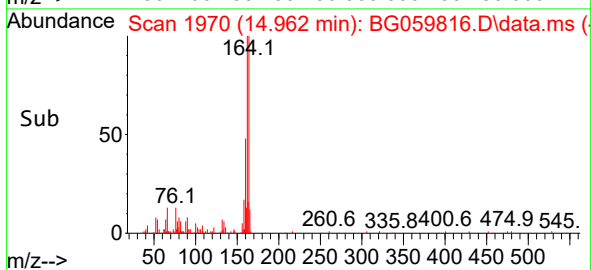
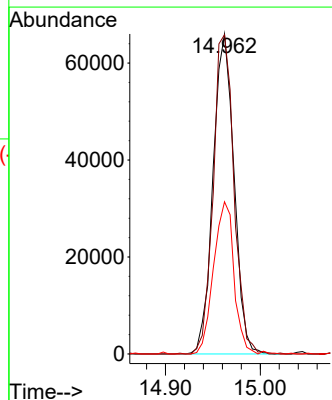
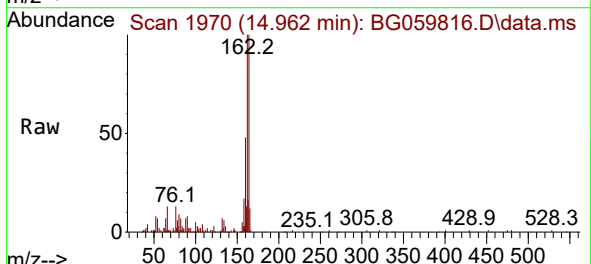
Instrument :
BNA_G
ClientSampleId :
PB157200TB

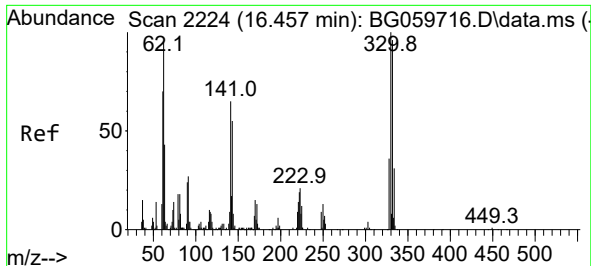
Tgt Ion: 82 Resp: 316730
Ion Ratio Lower Upper
82 100
128 28.5 23.0 34.6
54 39.2 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion:164 Resp: 101241
Ion Ratio Lower Upper
164 100
162 99.7 73.3 109.9
160 47.6 34.1 51.1

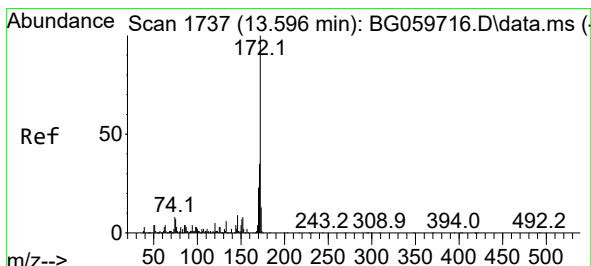
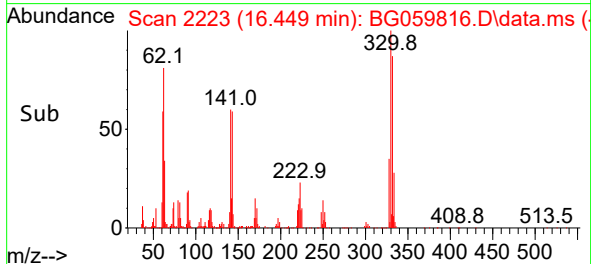
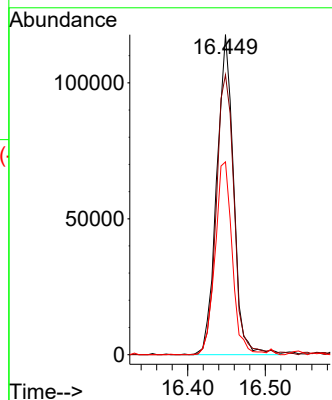
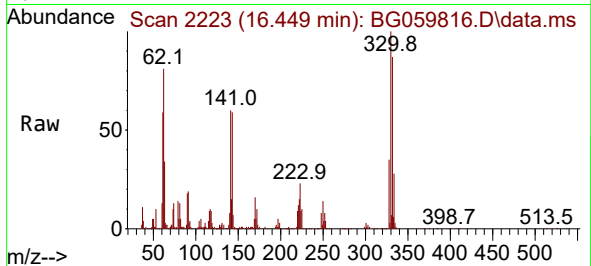




#42
2,4,6-Tribromophenol
Concen: 155.393 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

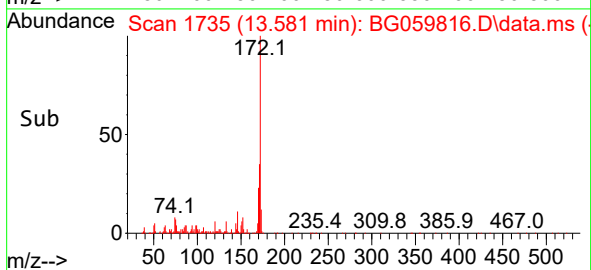
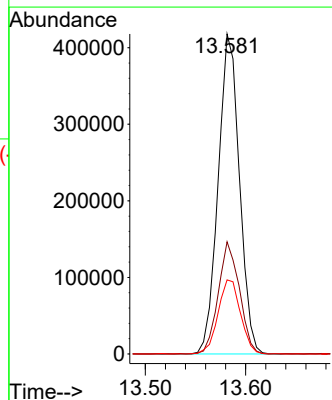
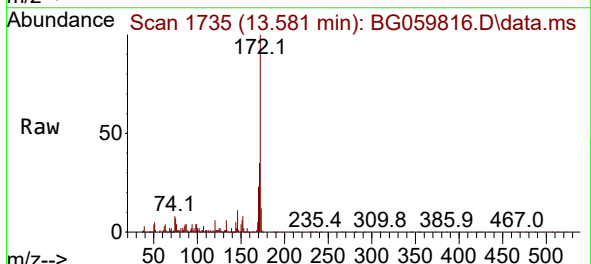
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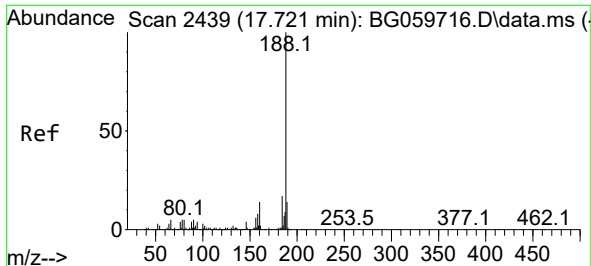
Tgt Ion:330 Resp: 178501
Ion Ratio Lower Upper
330 100
332 92.8 73.3 109.9
141 60.8 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 81.688 ng
RT: 13.581 min Scan# 1735
Delta R.T. -0.015 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion:172 Resp: 614404
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.1 18.4 27.6

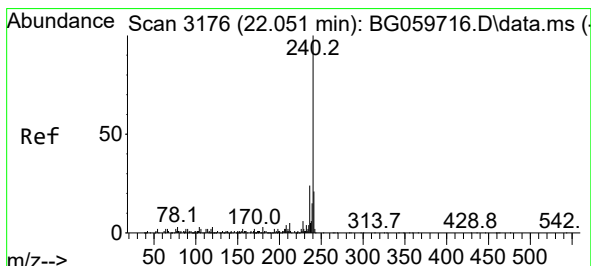
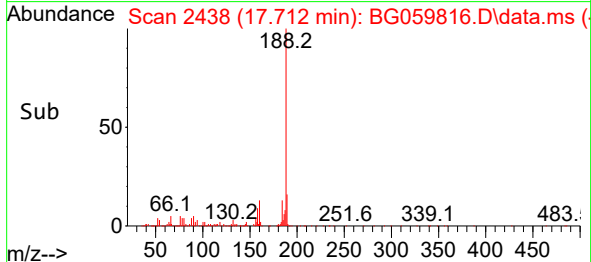
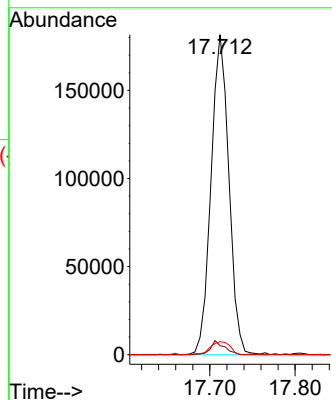
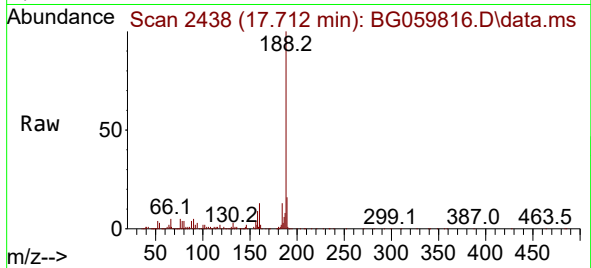




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

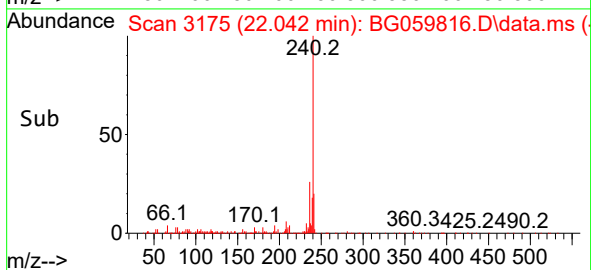
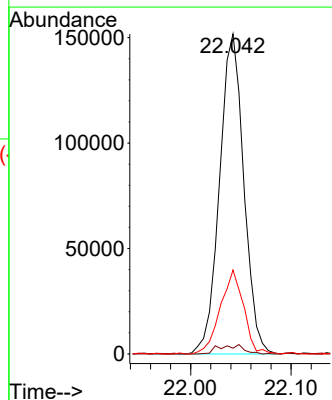
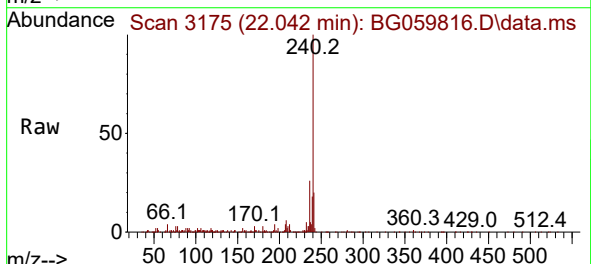
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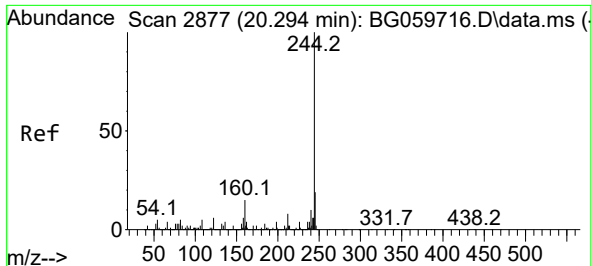
Tgt Ion:188 Resp: 264507
Ion Ratio Lower Upper
188 100
94 2.8 3.0 4.4#
80 4.1 4.2 6.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG059816.D
Acq: 22 Nov 2023 13:13

Tgt Ion:240 Resp: 254294
Ion Ratio Lower Upper
240 100
120 1.8 2.2 3.2#
236 26.2 19.4 29.2

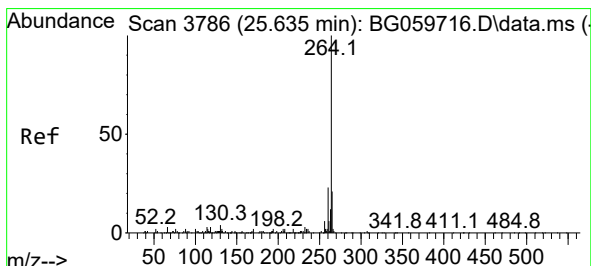
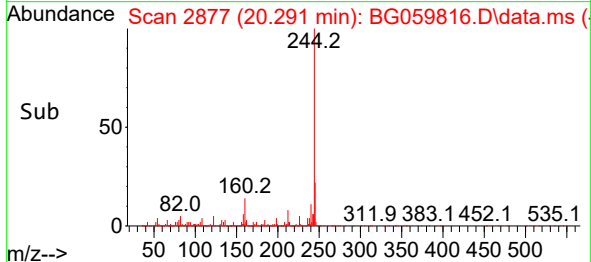
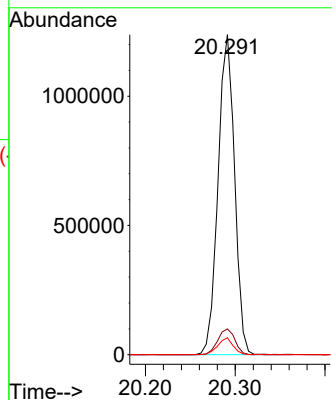
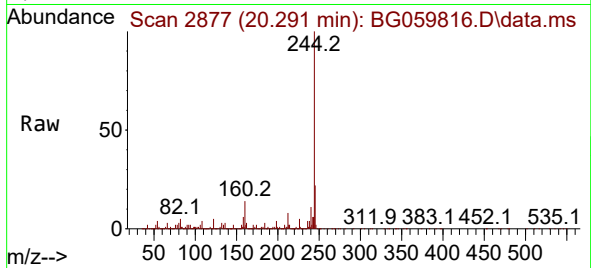




#79
 Terphenyl-d14
 Concen: 91.685 ng
 RT: 20.291 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG059816.D
 Acq: 22 Nov 2023 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB157200TB

Tgt Ion:244 Resp: 1579340
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 5.3 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.620 min Scan# 3784
 Delta R.T. -0.015 min
 Lab File: BG059816.D
 Acq: 22 Nov 2023 13:13

Tgt Ion:264 Resp: 271287
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.5 27.7
 265 22.2 17.0 25.6

