

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059902.D
 Acq On : 27 Nov 2023 14:53
 Operator : MA/JU
 Sample : 05425-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-6(15-20)

Quant Time: Nov 27 16:00:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	26690	20.000	ng	-0.01
21) Naphthalene-d8	11.155	136	121421	20.000	ng	# 0.00
39) Acenaphthene-d10	14.939	164	87638	20.000	ng	# 0.00
64) Phenanthrene-d10	17.689	188	208073	20.000	ng	0.00
76) Chrysene-d12	22.013	240	180430	20.000	ng	# 0.00
86) Perylene-d12	25.574	264	191493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	151759	95.703	ng	0.00
7) Phenol-d6	7.424	99	197230	83.931	ng	0.00
23) Nitrobenzene-d5	9.504	82	169567	53.336	ng	0.00
42) 2,4,6-Tribromophenol	16.426	330	95009	95.548	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	364183	55.935	ng	0.00
79) Terphenyl-d14	20.268	244	691213	56.554	ng	0.00

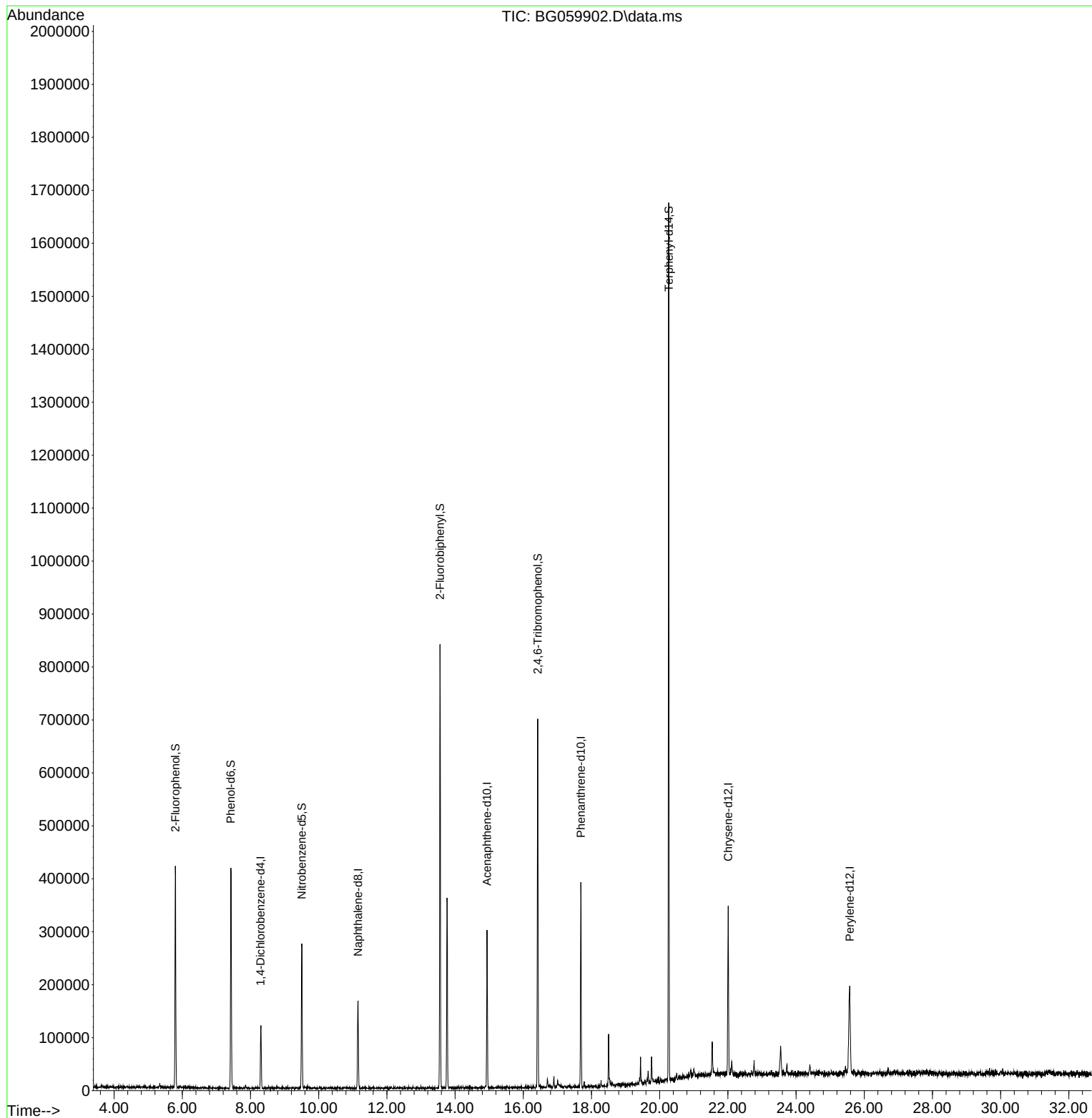
Target Compounds	Qvalue

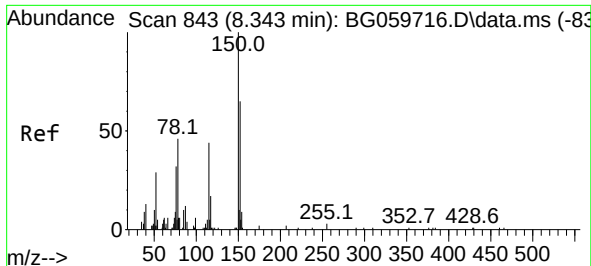
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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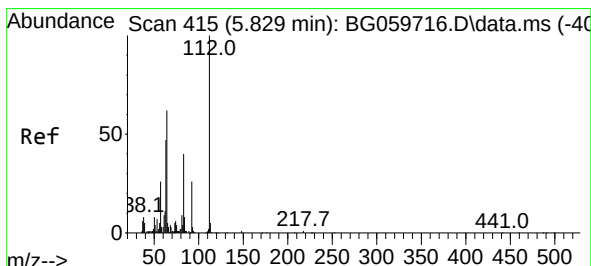
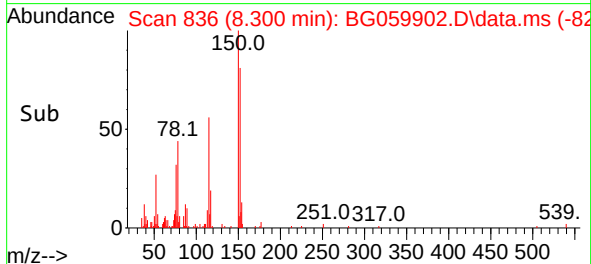
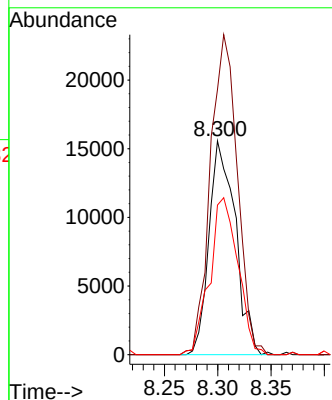
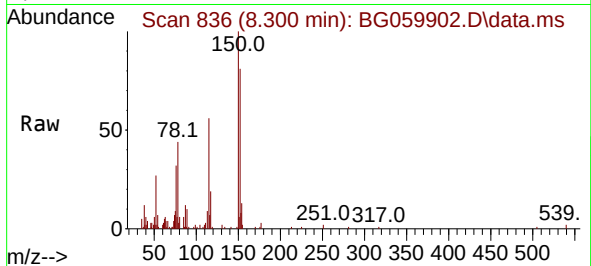




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

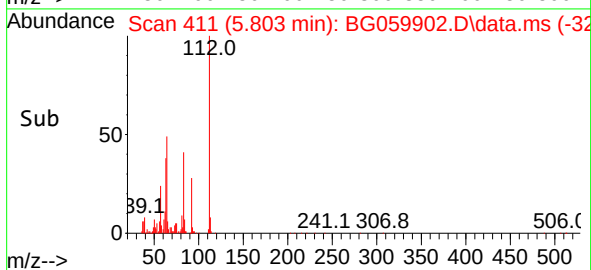
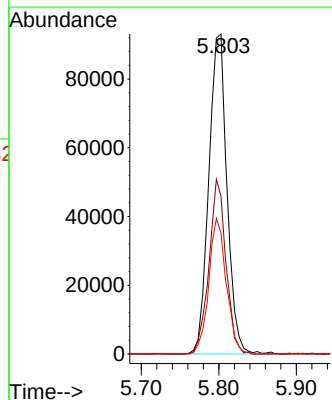
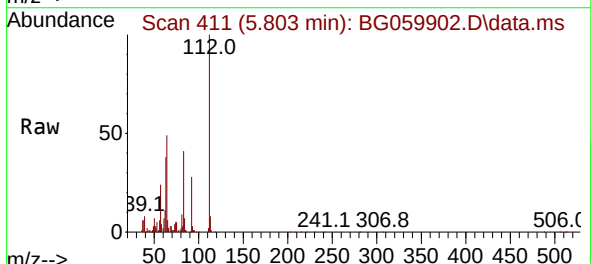
Instrument :
BNA_G
ClientSampleId :
O-6(15-20)

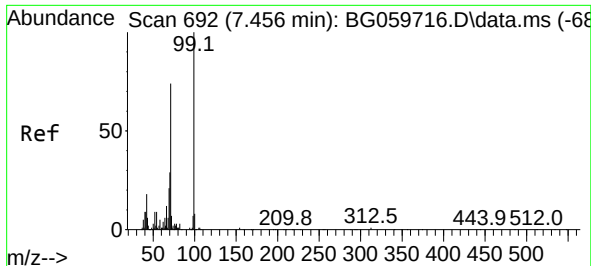
Tgt Ion:152 Resp: 26690
Ion Ratio Lower Upper
152 100
150 124.1 122.2 183.4
115 70.0 54.2 81.4



#5
2-Fluorophenol
Concen: 95.703 ng
RT: 5.803 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

Tgt Ion:112 Resp: 151759
Ion Ratio Lower Upper
112 100
64 49.2 49.5 74.3#
63 37.7 37.4 56.2

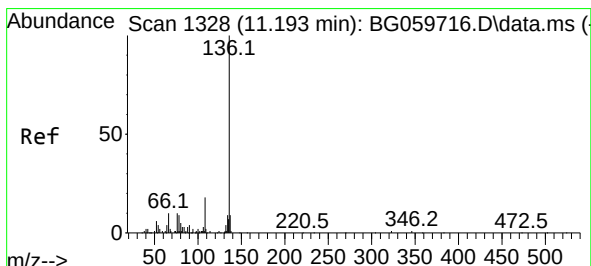
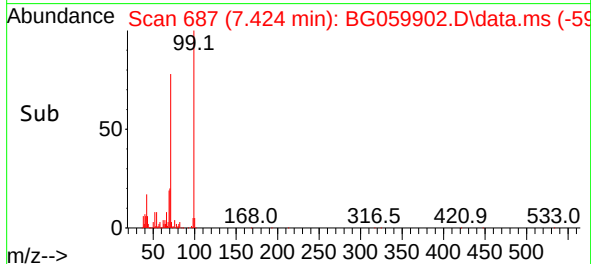
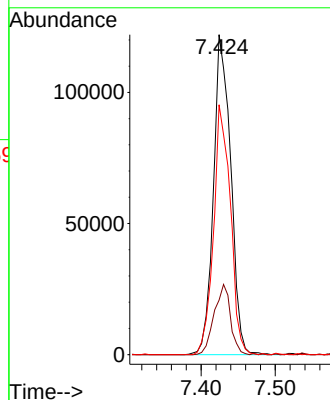
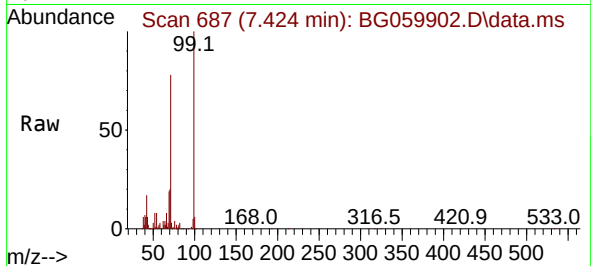




#7
Phenol-d6
Concen: 83.931 ng
RT: 7.424 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

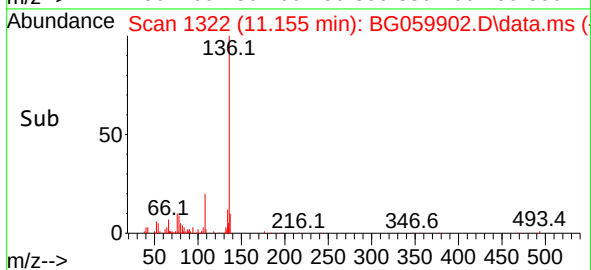
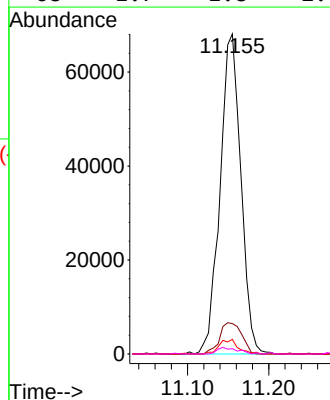
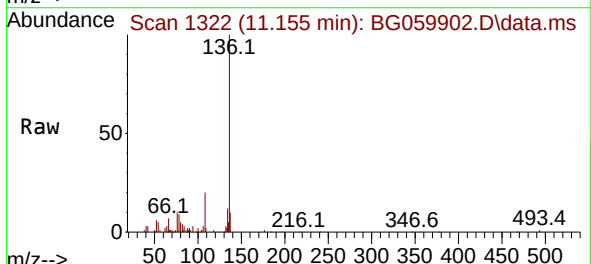
Instrument :
BNA_G
ClientSampleId :
O-6(15-20)

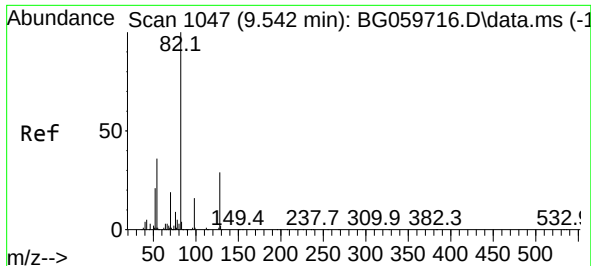
Tgt Ion: 99 Resp: 197230
Ion Ratio Lower Upper
99 100
42 17.1 14.3 21.5
71 78.1 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.155 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

Tgt Ion: 136 Resp: 121421
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.0
54 4.5 3.1 4.7
68 1.7 1.8 2.8

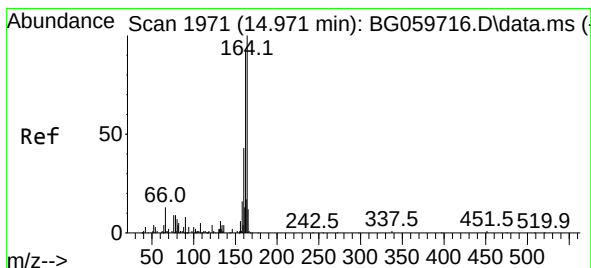
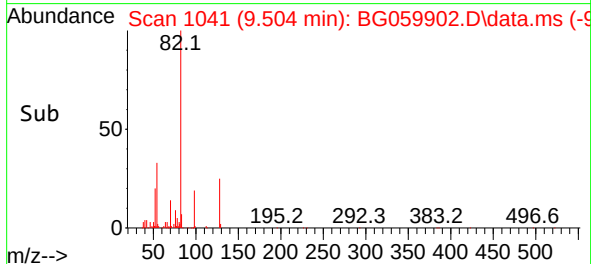
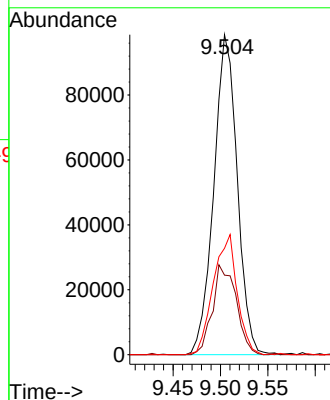
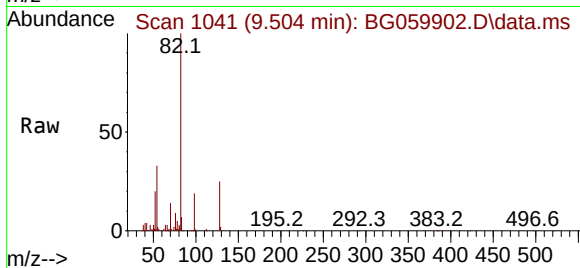




#23
Nitrobenzene-d5
Concen: 53.336 ng
RT: 9.504 min Scan# 1041
Delta R.T. -0.005 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

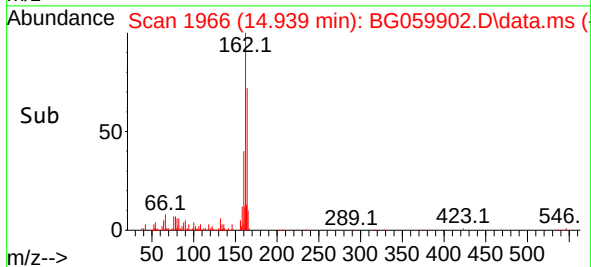
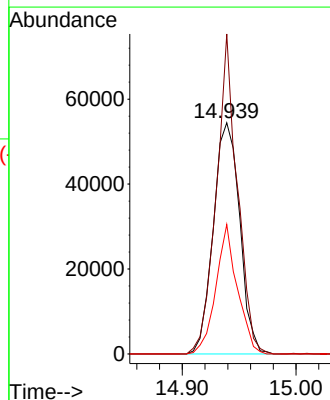
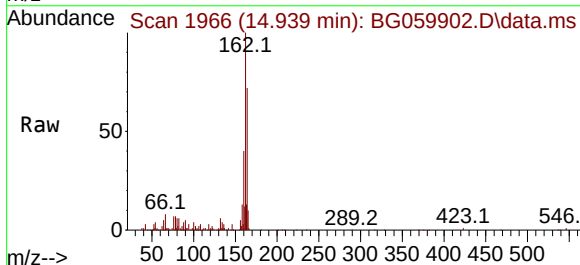
Instrument :
BNA_G
ClientSampleId :
O-6(15-20)

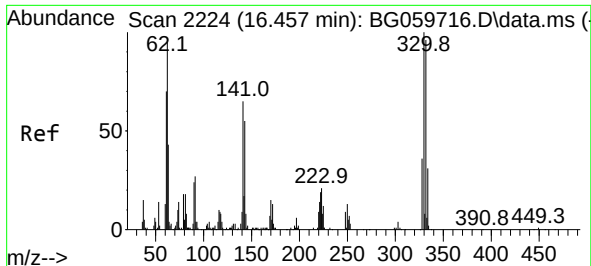
Tgt Ion: 82 Resp: 169567
Ion Ratio Lower Upper
82 100
128 24.9 23.0 34.6
54 33.2 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

Tgt Ion:164 Resp: 87638
Ion Ratio Lower Upper
164 100
162 138.4 73.3 109.9#
160 56.0 34.1 51.1#

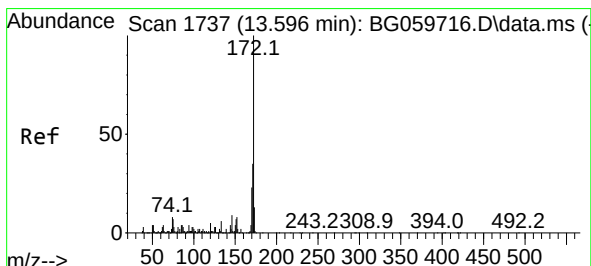
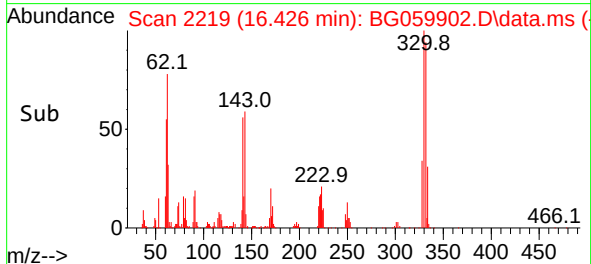
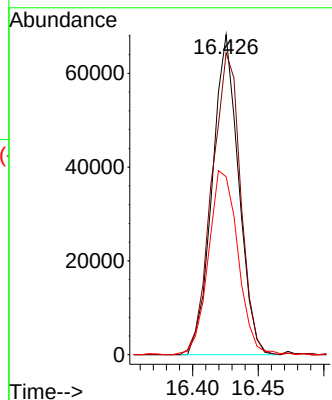
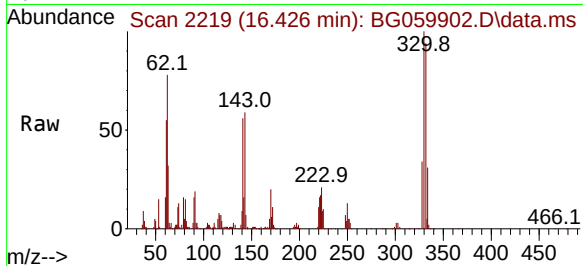




#42
2,4,6-Tribromophenol
Concen: 95.548 ng
RT: 16.426 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

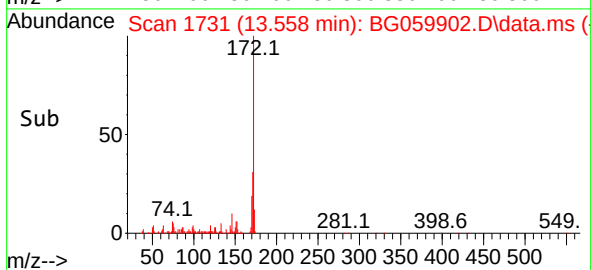
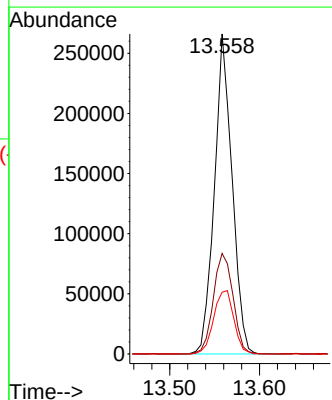
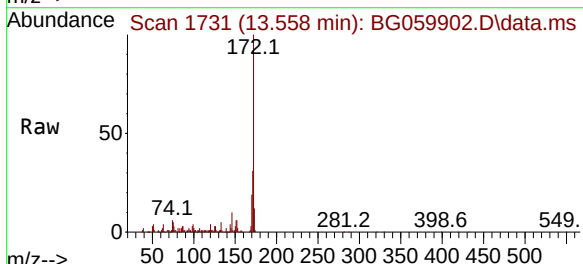
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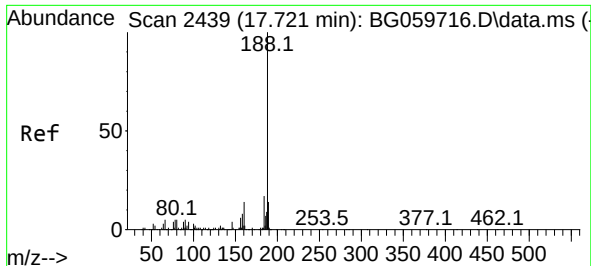
Tgt Ion:330 Resp: 95009
Ion Ratio Lower Upper
330 100
332 102.9 73.3 109.9
141 64.6 52.1 78.1



#45
2-Fluorobiphenyl
Concen: 55.935 ng
RT: 13.558 min Scan# 1731
Delta R.T. -0.005 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

Tgt Ion:172 Resp: 364183
Ion Ratio Lower Upper
172 100
171 31.4 27.7 41.5
170 19.3 18.4 27.6

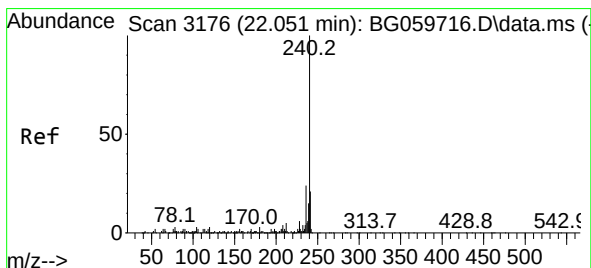
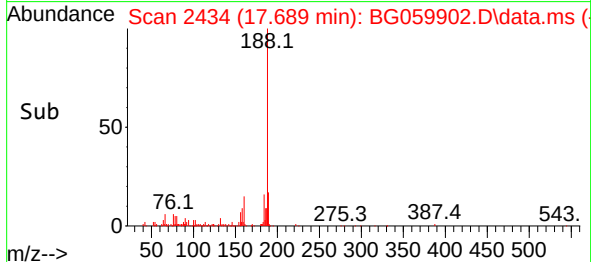
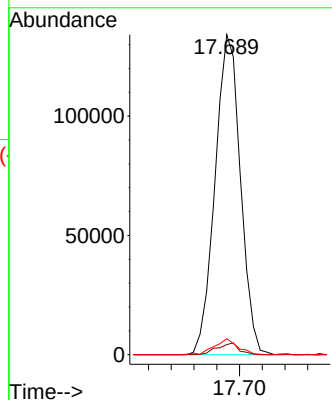
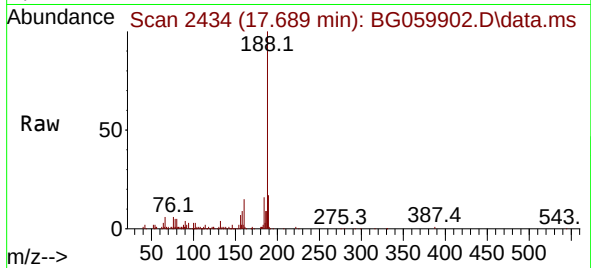




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.689 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

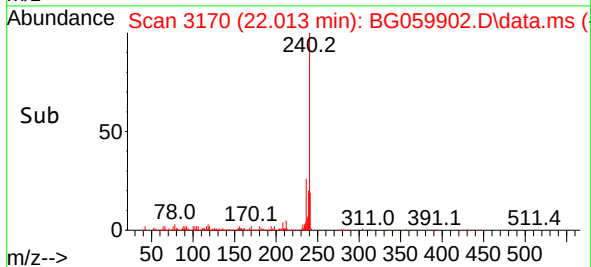
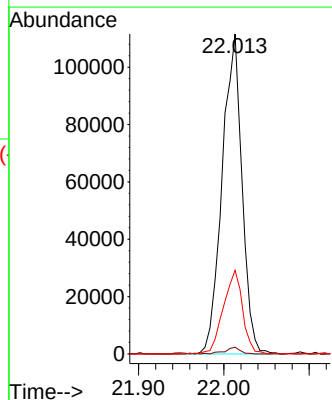
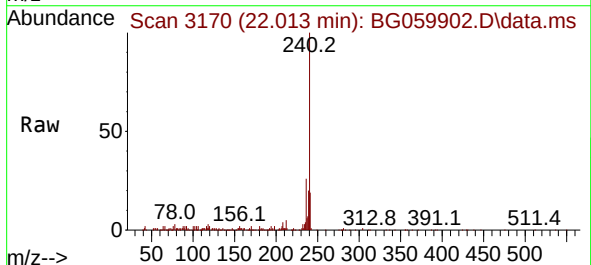
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O-6(15-20)

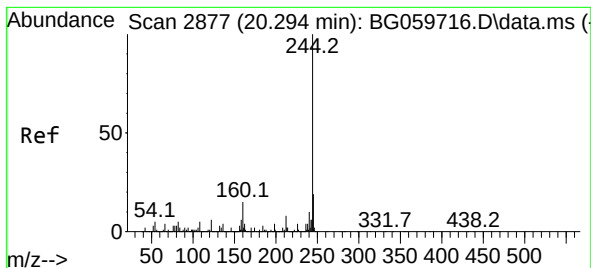
Tgt Ion:188 Resp: 208073
Ion Ratio Lower Upper
188 100
94 3.2 3.0 4.4
80 5.0 4.2 6.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG059902.D
Acq: 27 Nov 2023 14:53

Tgt Ion:240 Resp: 180430
Ion Ratio Lower Upper
240 100
120 2.1 2.2 3.2#
236 26.1 19.4 29.2





#79

Terphenyl-d14

Concen: 56.554 ng

RT: 20.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059902.D

Acq: 27 Nov 2023 14:53

Instrument :

BNA_G

ClientSampleId :

O-6(15-20)

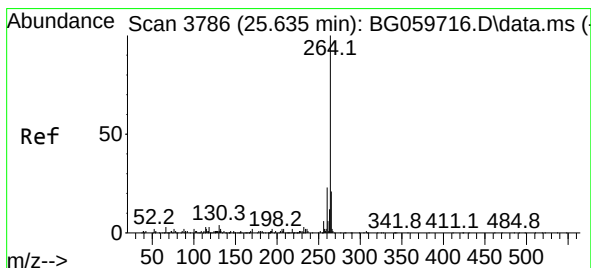
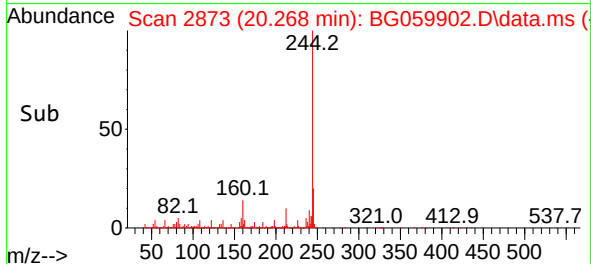
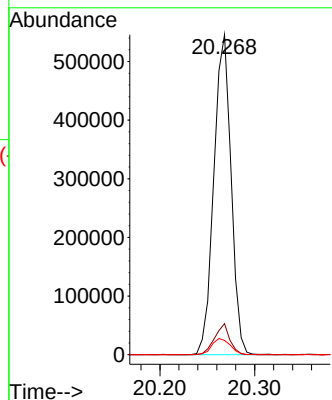
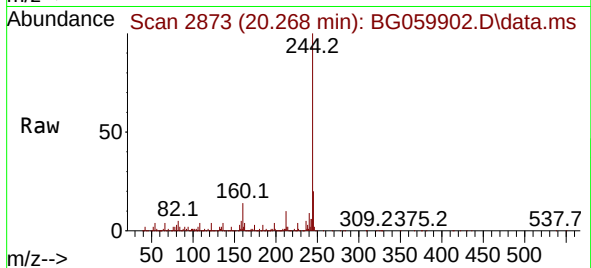
Tgt Ion:244 Resp: 691213

Ion Ratio Lower Upper

244 100

212 9.7 6.6 10.0

122 4.5 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.574 min Scan# 3776

Delta R.T. -0.005 min

Lab File: BG059902.D

Acq: 27 Nov 2023 14:53

Tgt Ion:264 Resp: 191493

Ion Ratio Lower Upper

264 100

260 18.9 18.5 27.7

265 23.1 17.0 25.6

