

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060053.D
 Acq On : 16 Dec 2023 3:20
 Operator : MA/JU
 Sample : 05827-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-15.5-16.5

Quant Time: Dec 16 04:11:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	62577	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	254844	20.000	ng	0.00
39) Acenaphthene-d10	14.593	164	219953	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	704175	20.000	ng	0.00
76) Chrysene-d12	21.608	240	869359	20.000	ng	0.00
86) Perylene-d12	24.798	264	1023148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	312751	85.556	ng	0.00
7) Phenol-d6	7.113	99	439267	85.426	ng	0.00
23) Nitrobenzene-d5	9.117	82	280829	50.038	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	355711	69.395	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	885547	49.275	ng	0.00
79) Terphenyl-d14	19.963	244	2559735	53.756	ng	0.00

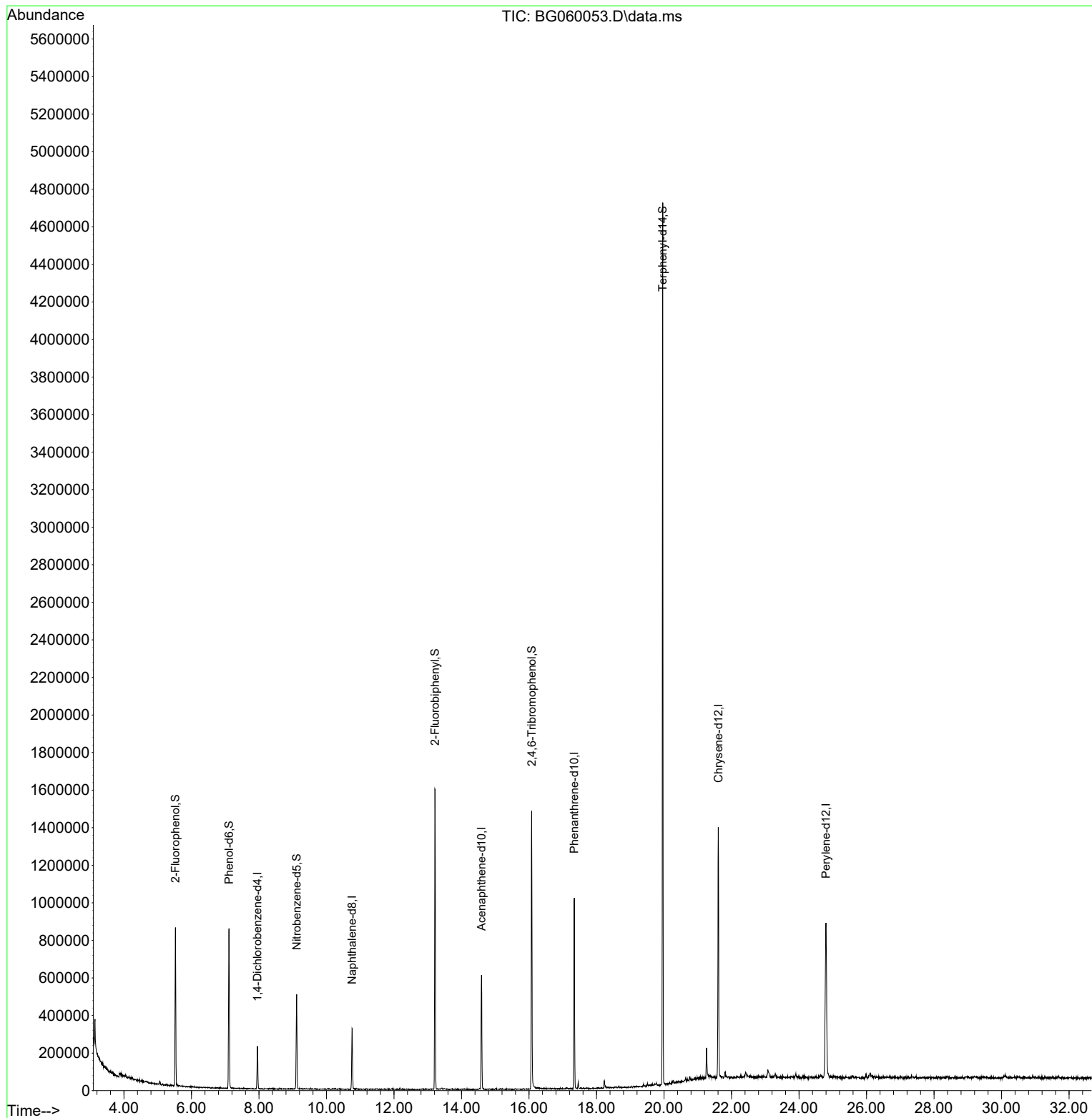
Target Compounds	Qvalue

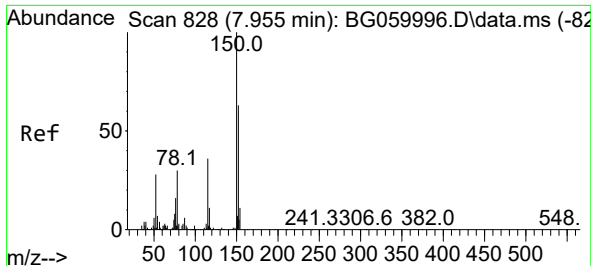
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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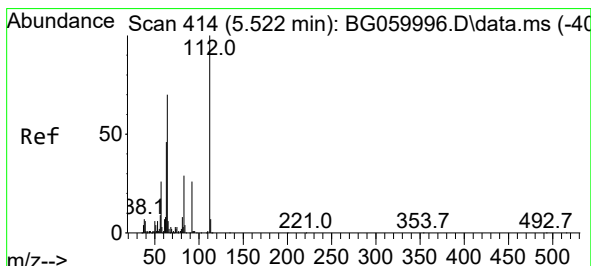
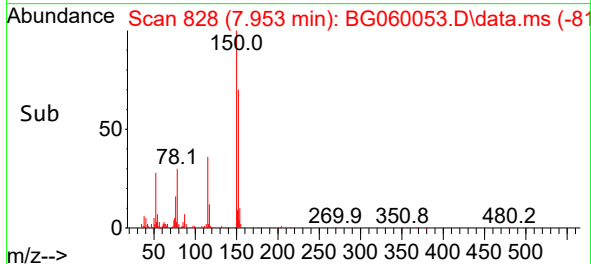
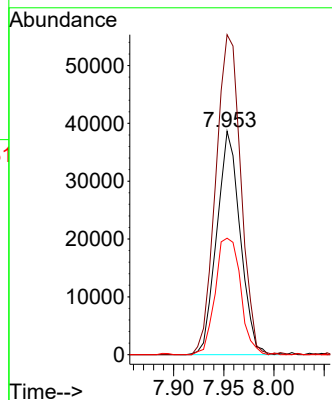
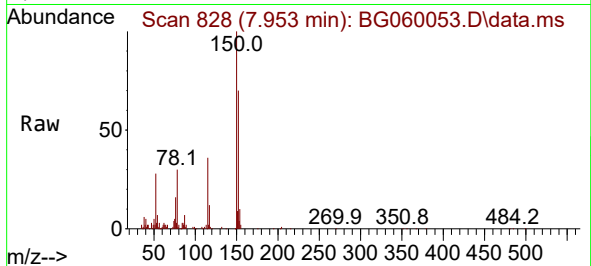




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

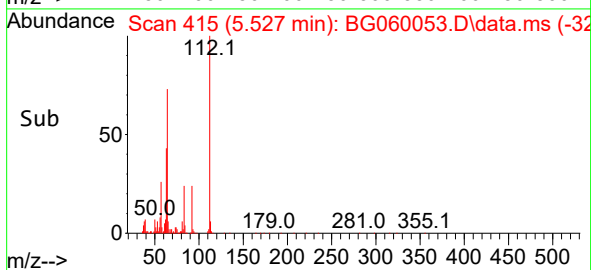
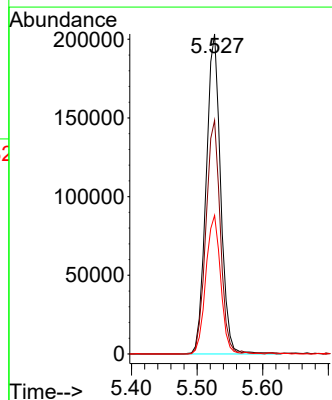
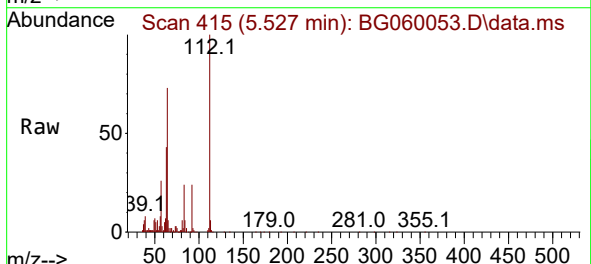
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-15.5-16.5

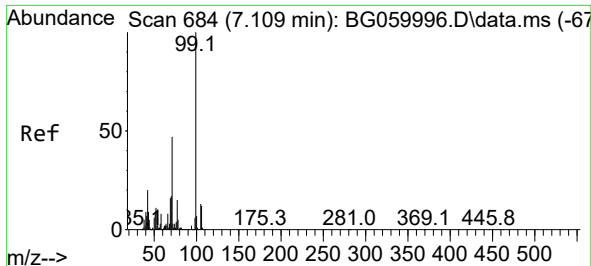
Tgt Ion:152 Resp: 62577
Ion Ratio Lower Upper
152 100
150 143.3 127.0 190.6
115 52.2 45.7 68.5



#5
2-Fluorophenol
Concen: 85.556 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

Tgt Ion:112 Resp: 312751
Ion Ratio Lower Upper
112 100
64 73.0 55.9 83.9
63 43.3 36.5 54.7

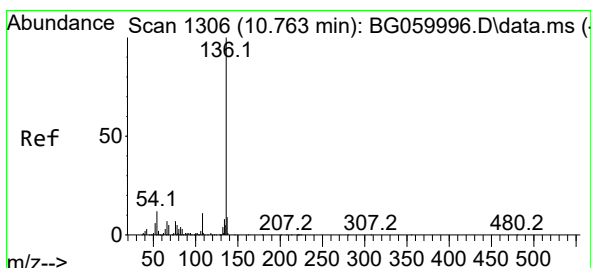
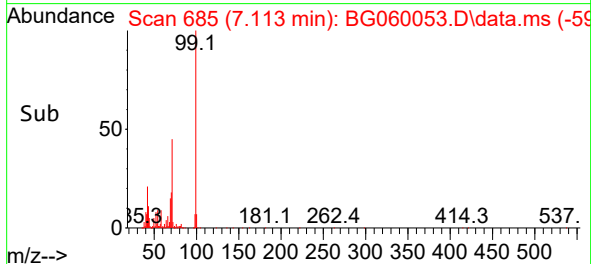
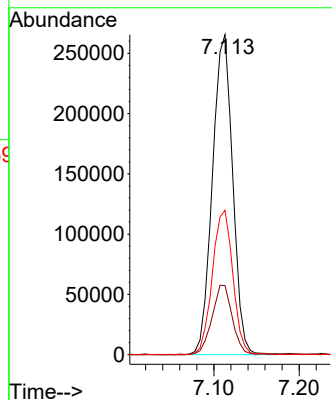
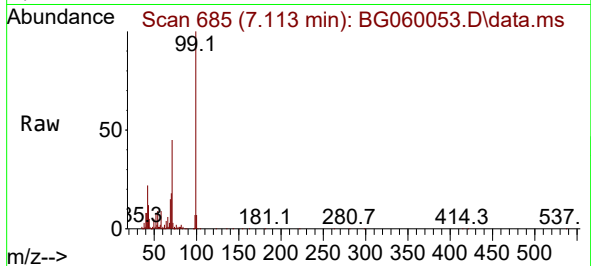




#7
Phenol-d6
Concen: 85.426 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

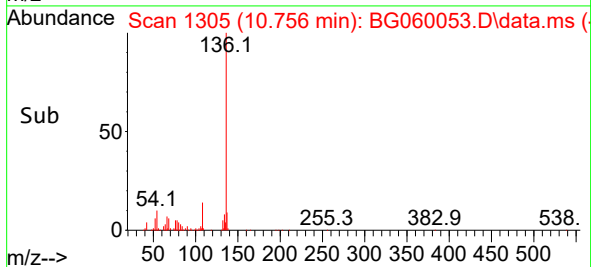
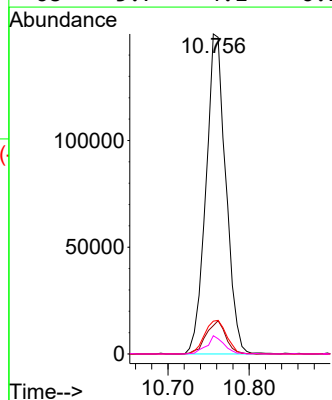
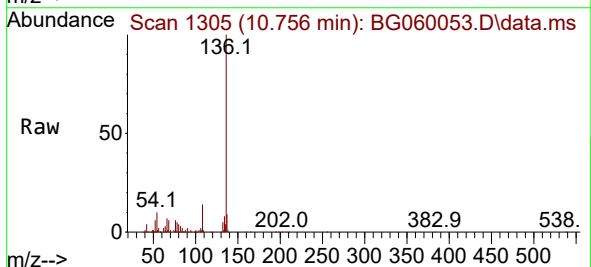
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-15.5-16.5

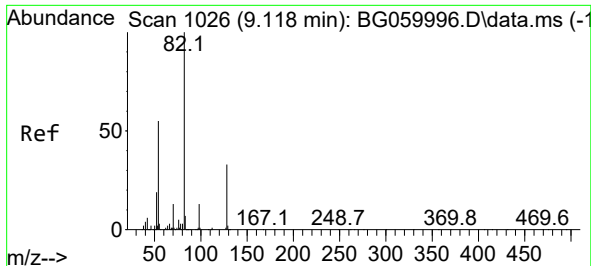
Tgt Ion: 99 Resp: 439267
Ion Ratio Lower Upper
99 100
42 21.6 16.2 24.4
71 45.1 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1305
Delta R.T. -0.007 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

Tgt Ion:136 Resp: 254844
Ion Ratio Lower Upper
136 100
137 8.8 7.3 10.9
54 10.2 9.6 14.4
68 5.7 4.1 6.1

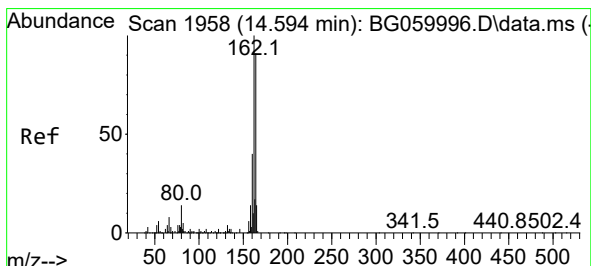
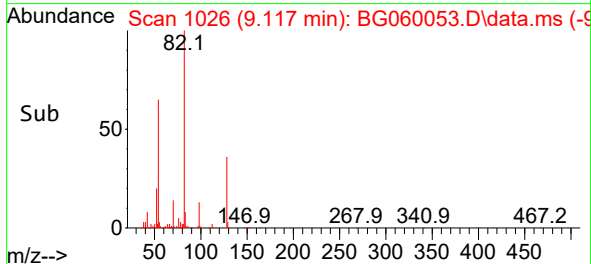
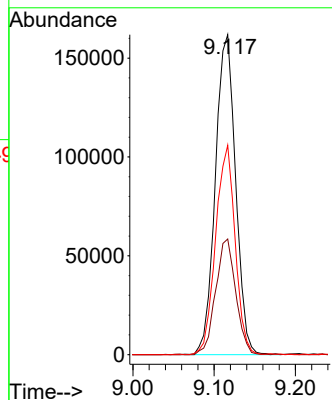
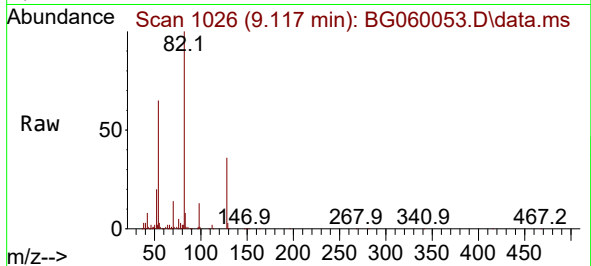




#23
Nitrobenzene-d5
Concen: 50.038 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

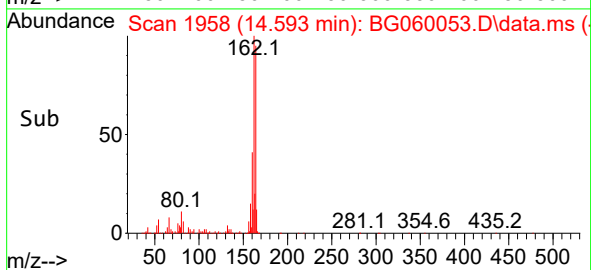
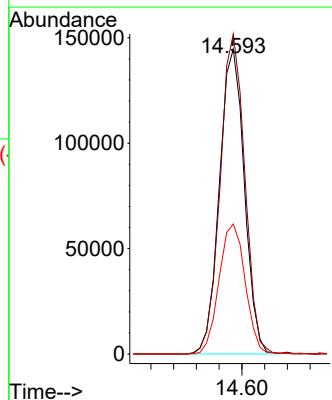
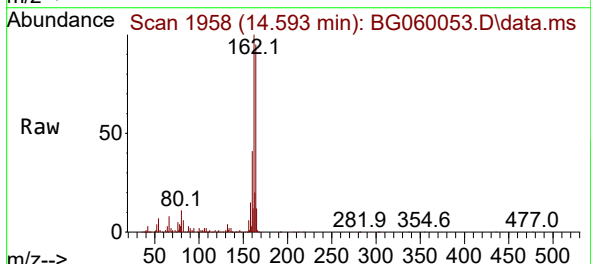
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-15.5-16.5

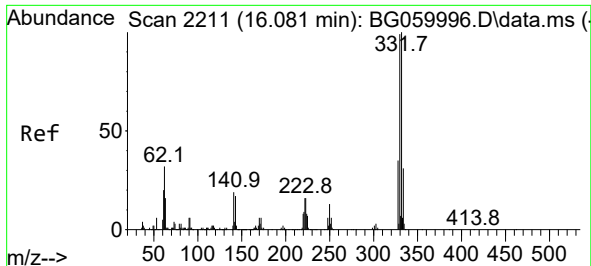
Tgt Ion: 82 Resp: 280829
Ion Ratio Lower Upper
82 100
128 36.2 26.3 39.5
54 65.4 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

Tgt Ion: 164 Resp: 219953
Ion Ratio Lower Upper
164 100
162 105.0 88.1 132.1
160 42.6 35.4 53.0

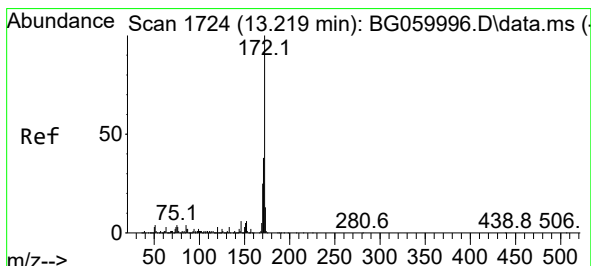
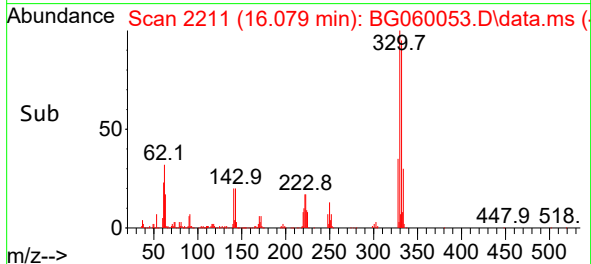
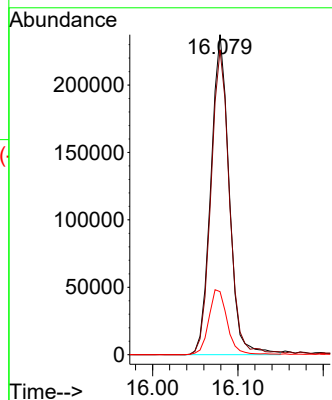
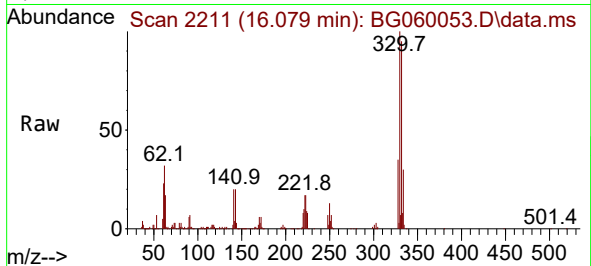




#42
2,4,6-Tribromophenol
Concen: 69.395 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

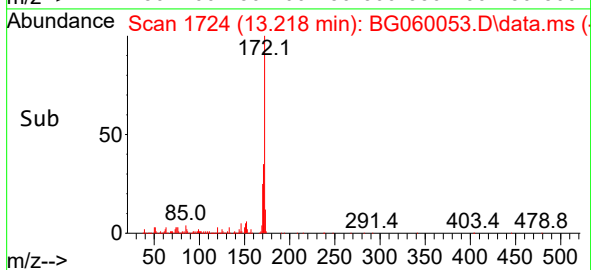
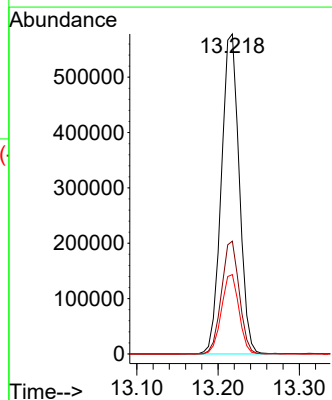
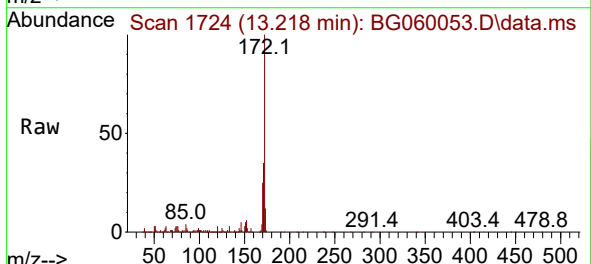
Instrument :
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ClientSampleId :
RT-SB-08-15.5-16.5

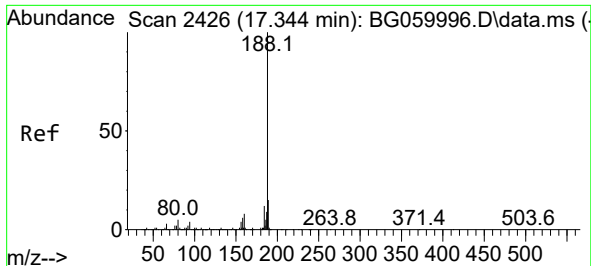
Tgt Ion:330 Resp: 355711
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 20.6 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 49.275 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

Tgt Ion:172 Resp: 885547
Ion Ratio Lower Upper
172 100
171 35.3 30.1 45.1
170 24.8 20.0 30.0

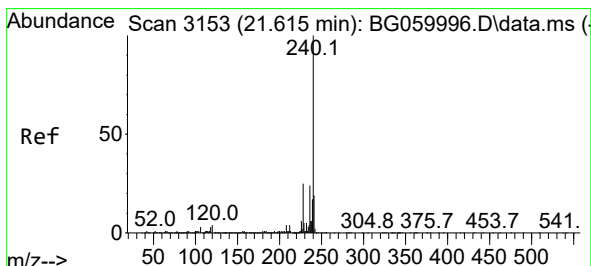
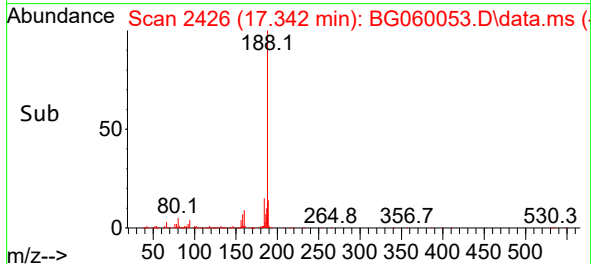
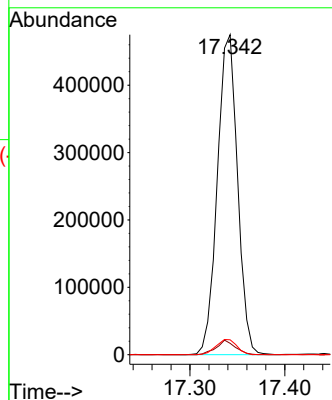
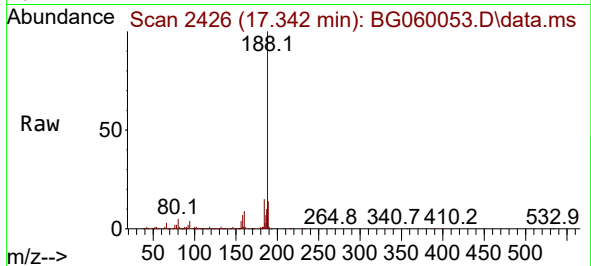




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

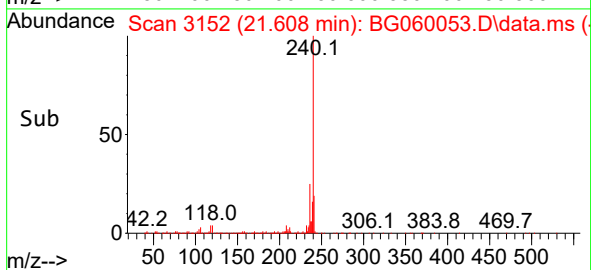
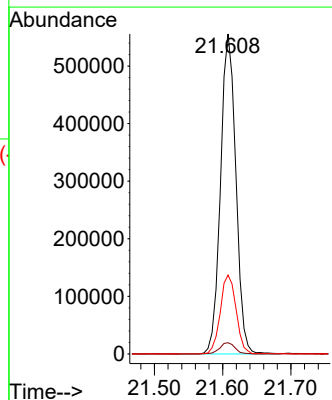
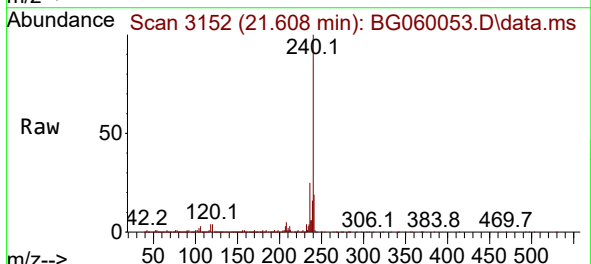
Instrument :
BNA_G
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RT-SB-08-15.5-16.5

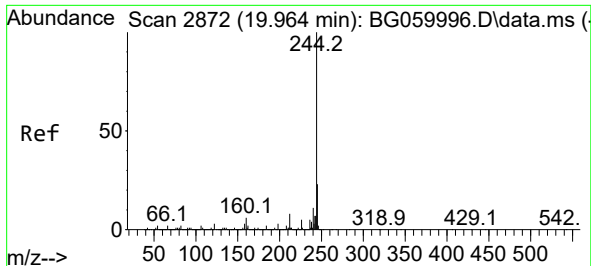
Tgt Ion:188 Resp: 704175
Ion Ratio Lower Upper
188 100
94 3.6 3.0 4.6
80 4.7 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG060053.D
Acq: 16 Dec 2023 3:20

Tgt Ion:240 Resp: 869359
Ion Ratio Lower Upper
240 100
120 3.5 2.9 4.3
236 24.6 19.4 29.2

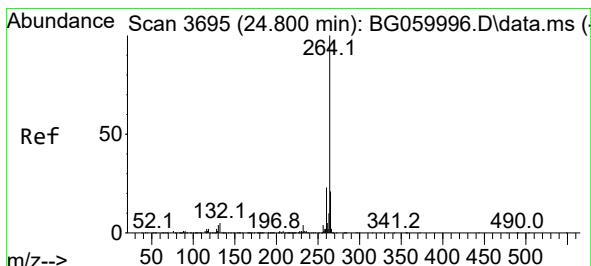
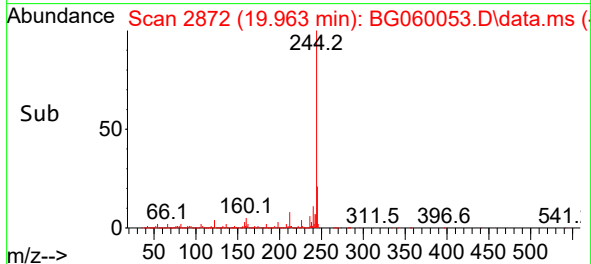
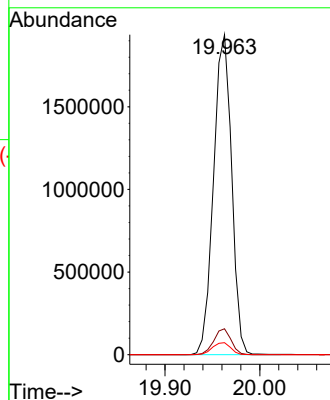
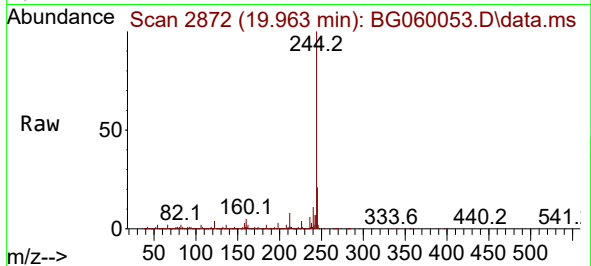




#79
 Terphenyl-d14
 Concen: 53.756 ng
 RT: 19.963 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG060053.D
 Acq: 16 Dec 2023 3:20

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-15.5-16.5

Tgt Ion:244 Resp: 2559735
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.8 10.2
 122 3.7 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3695
 Delta R.T. -0.002 min
 Lab File: BG060053.D
 Acq: 16 Dec 2023 3:20

Tgt Ion:264 Resp: 1023148
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.5 17.3 25.9

