

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060044.D
 Acq On : 15 Dec 2023 20:34
 Operator : MA/JU
 Sample : 05688-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Dec 16 02:06:16 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)

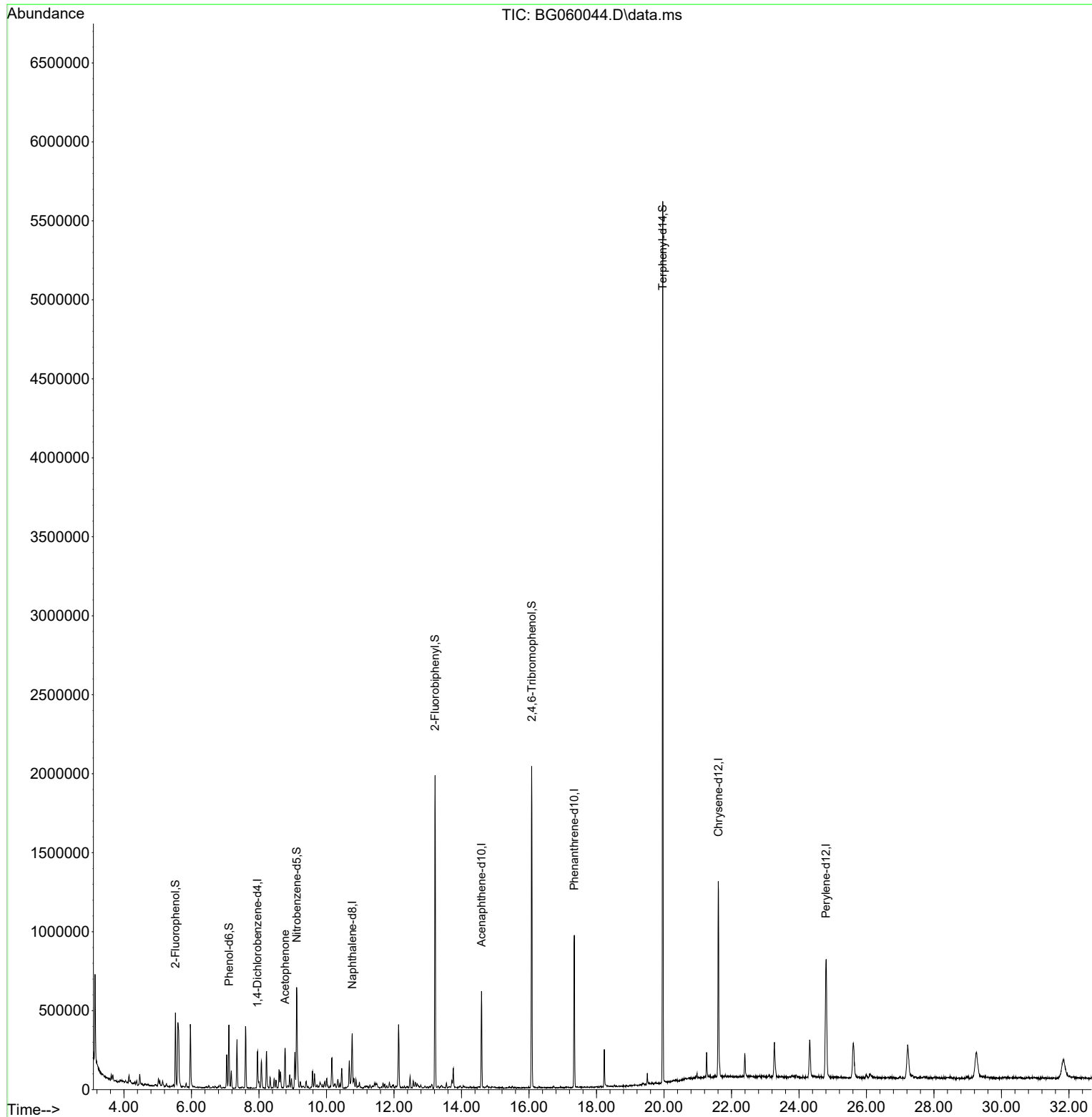
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	66577	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	259139	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	212376	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	660726	20.000	ng	0.00
76) Chrysene-d12	21.608	240	823982	20.000	ng	0.00
86) Perylene-d12	24.799	264	937970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	182345	46.885	ng	0.00
7) Phenol-d6	7.114	99	151795	27.747	ng	0.00
23) Nitrobenzene-d5	9.117	82	359640	63.019	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	484586	97.909	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1083495	62.440	ng	0.00
79) Terphenyl-d14	19.963	244	2990859	66.269	ng	0.00
Target Compounds						
22) Acetophenone	8.776	105	146224	19.363	ng	# 94

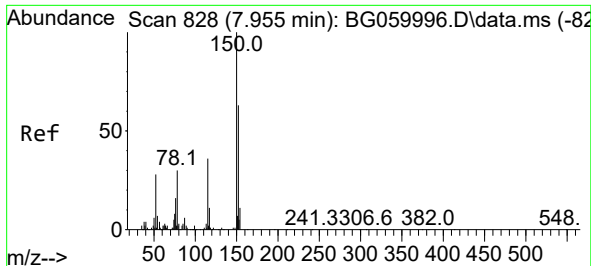
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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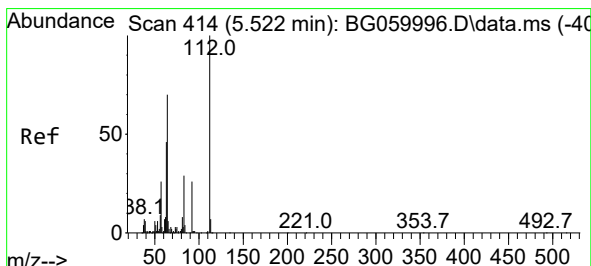
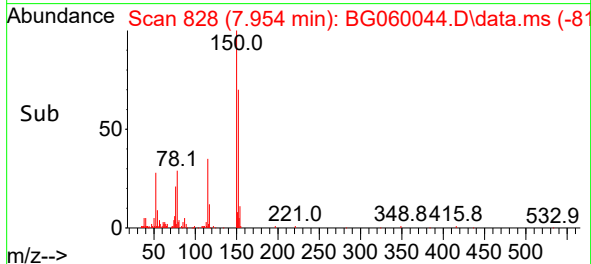
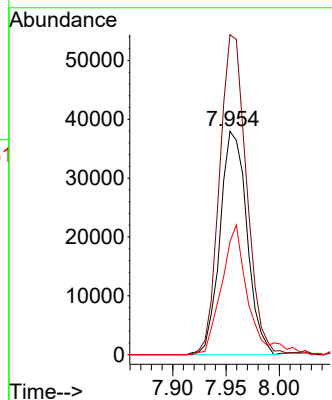
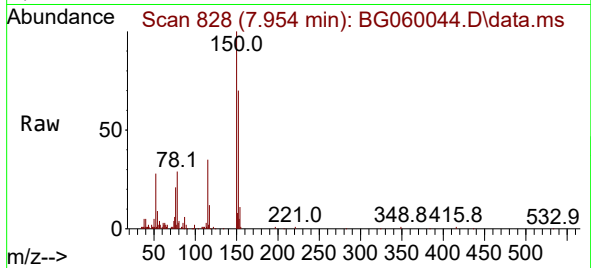




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.954 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG060044.D
 Acq: 15 Dec 2023 20:34

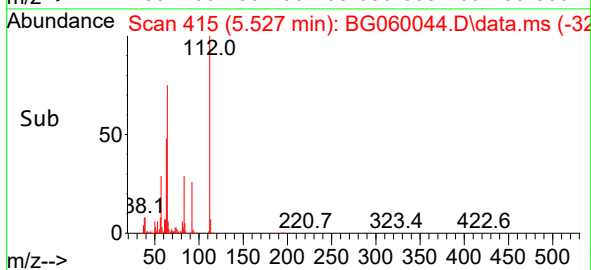
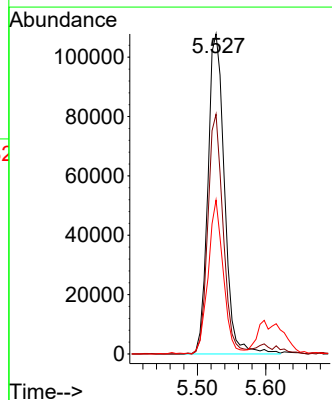
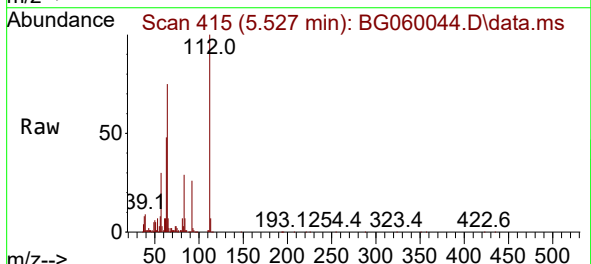
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

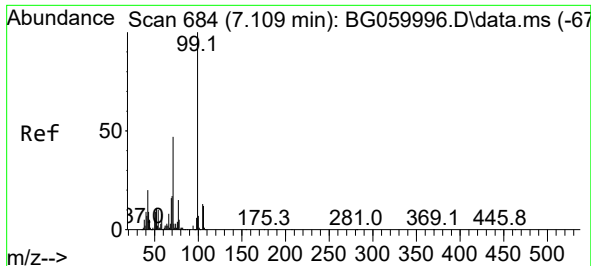
Tgt Ion:152 Resp: 66577
 Ion Ratio Lower Upper
 152 100
 150 143.2 127.0 190.6
 115 50.6 45.7 68.5



#5
 2-Fluorophenol
 Concen: 46.885 ng
 RT: 5.527 min Scan# 415
 Delta R.T. 0.005 min
 Lab File: BG060044.D
 Acq: 15 Dec 2023 20:34

Tgt Ion:112 Resp: 182345
 Ion Ratio Lower Upper
 112 100
 64 74.9 55.9 83.9
 63 48.1 36.5 54.7

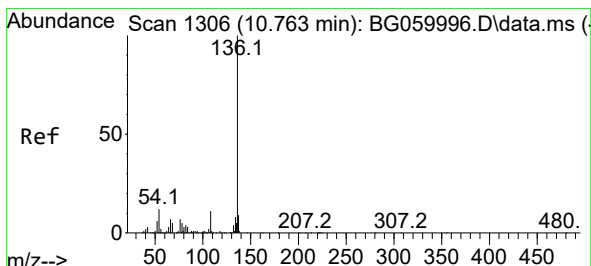
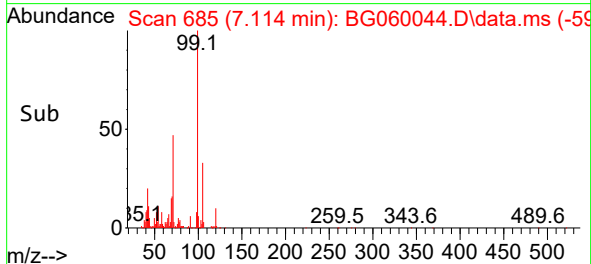
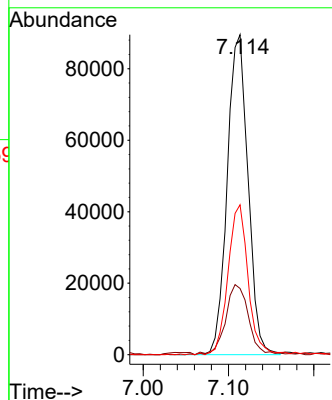
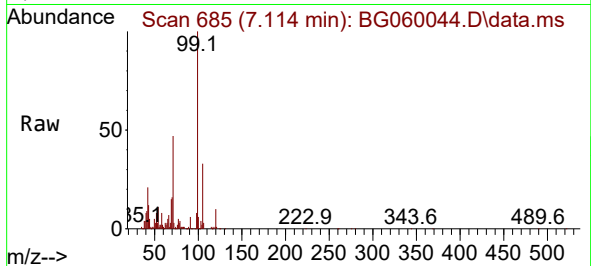




#7
Phenol-d6
Concen: 27.747 ng
RT: 7.114 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

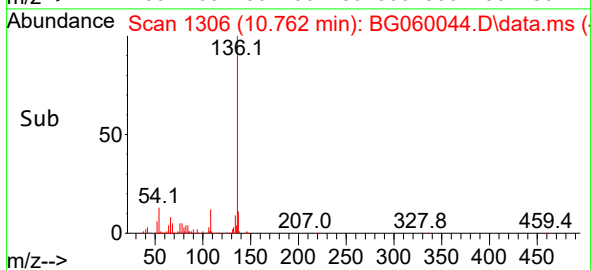
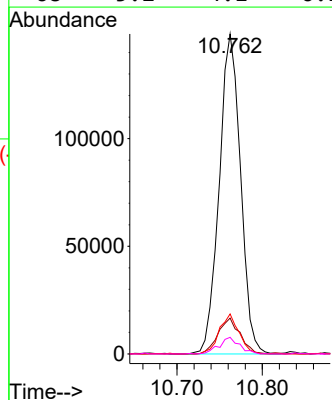
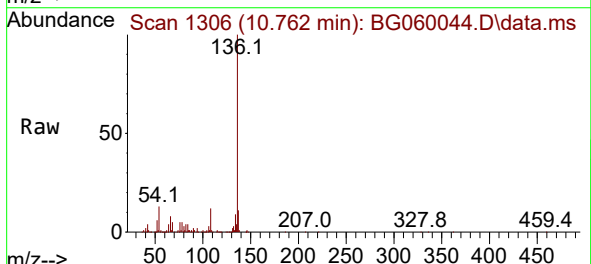
Instrument :
BNA_G
ClientSampleId :
MW-3

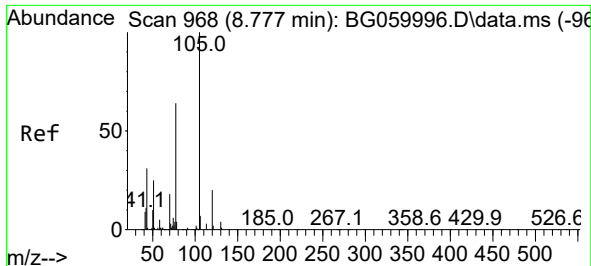
Tgt Ion: 99 Resp: 151795
Ion Ratio Lower Upper
99 100
42 20.7 16.2 24.4
71 46.9 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:136 Resp: 259139
Ion Ratio Lower Upper
136 100
137 11.2 7.3 10.9#
54 12.5 9.6 14.4
68 5.2 4.1 6.1

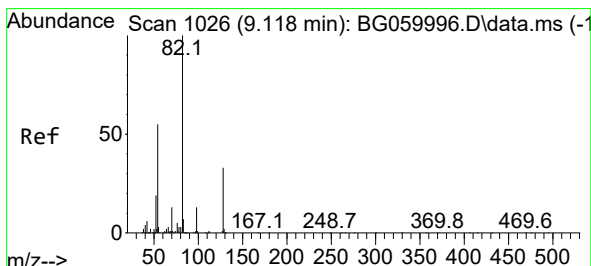
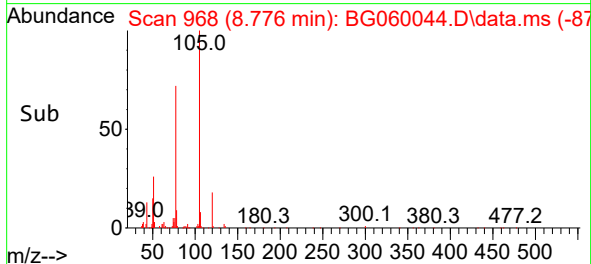
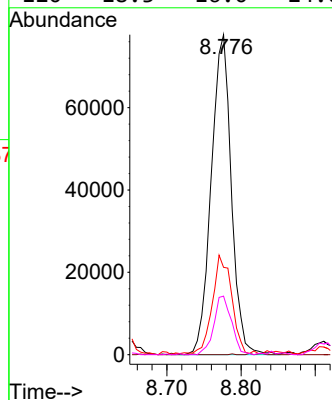
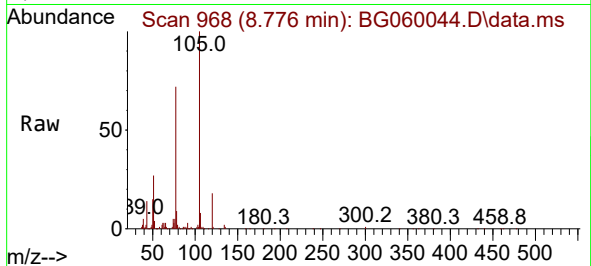




#22
Acetophenone
Concen: 19.363 ng
RT: 8.776 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

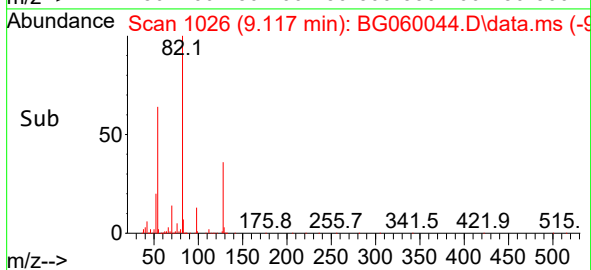
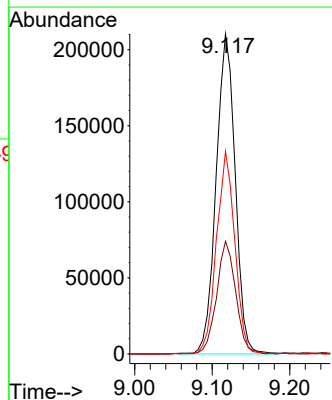
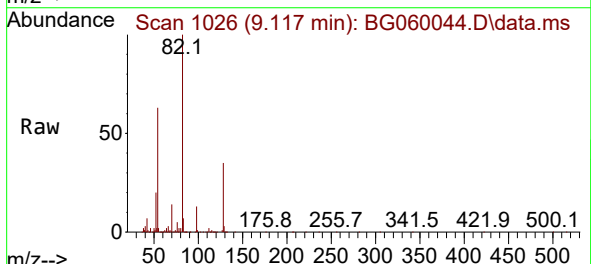
Instrument :
BNA_G
ClientSampleId :
MW-3

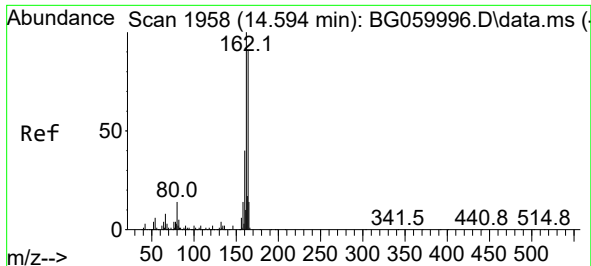
Tgt Ion:105 Resp: 146224
Ion Ratio Lower Upper
105 100
71 0.0 2.1 3.1#
51 27.3 25.4 38.0
120 18.3 16.0 24.0



#23
Nitrobenzene-d5
Concen: 63.019 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion: 82 Resp: 359640
Ion Ratio Lower Upper
82 100
128 35.2 26.3 39.5
54 63.4 44.3 66.5

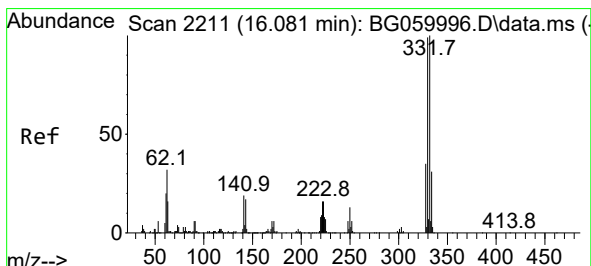
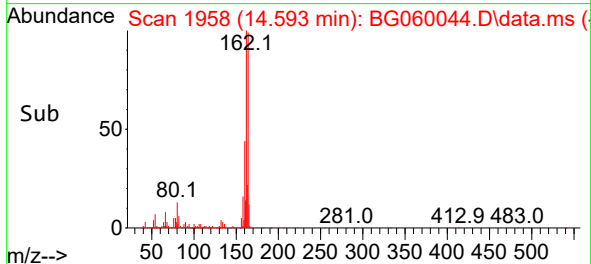
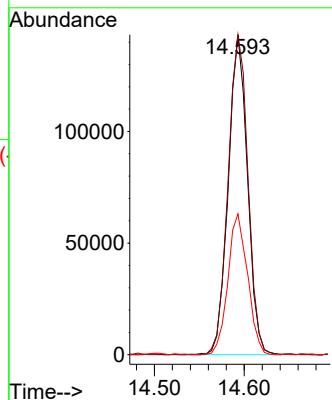
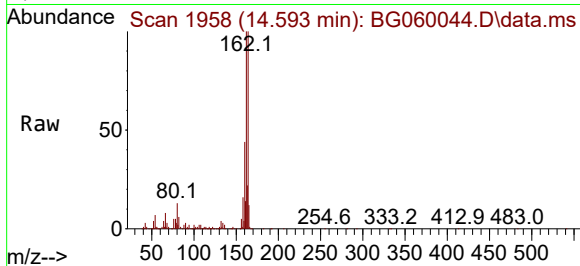




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

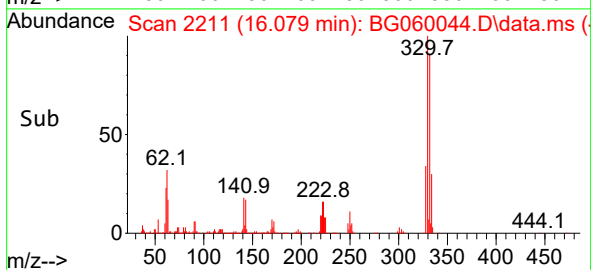
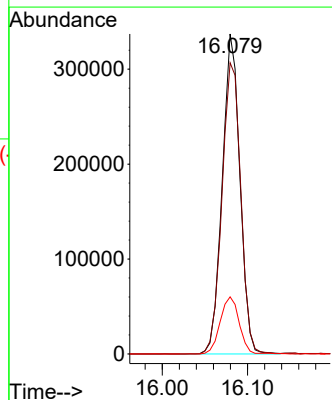
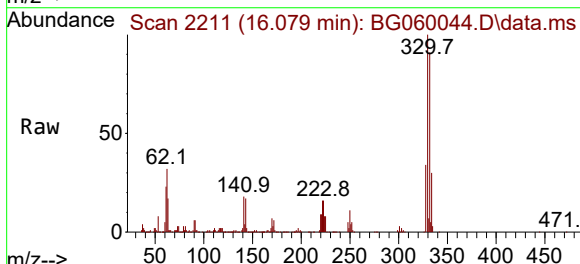
Instrument :
BNA_G
ClientSampleId :
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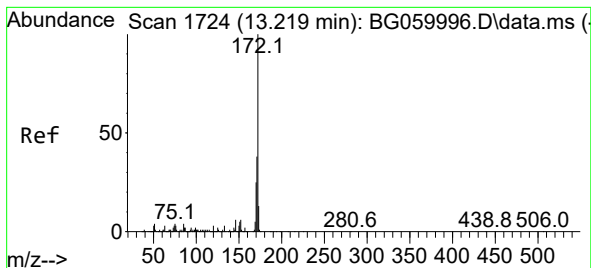
Tgt Ion:164 Resp: 212376
Ion Ratio Lower Upper
164 100
162 100.3 88.1 132.1
160 44.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 97.909 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:330 Resp: 484586
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 19.2 14.3 21.5

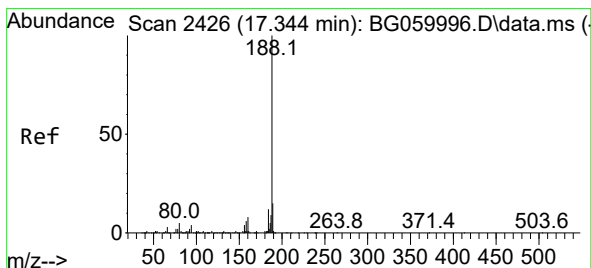
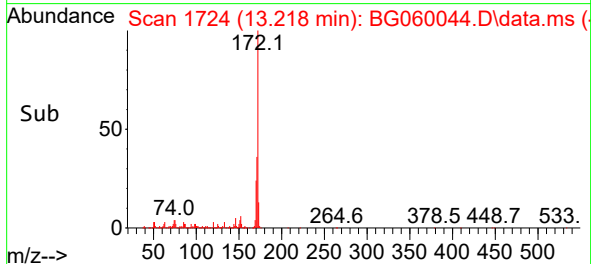
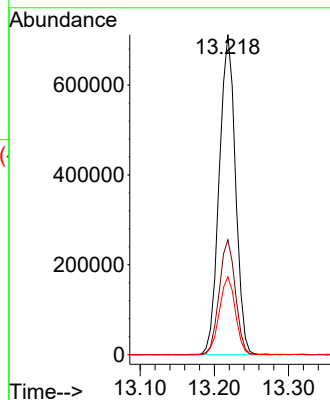
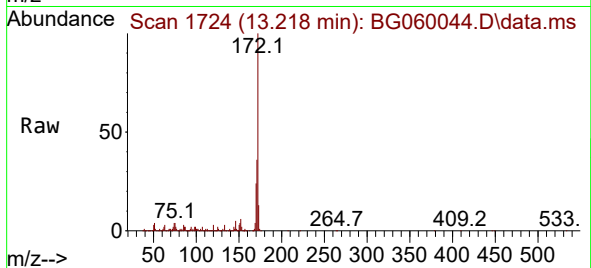




#45
2-Fluorobiphenyl
Concen: 62.440 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

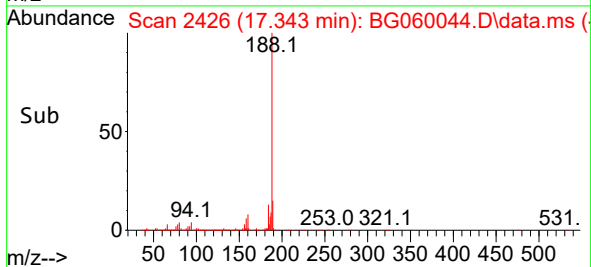
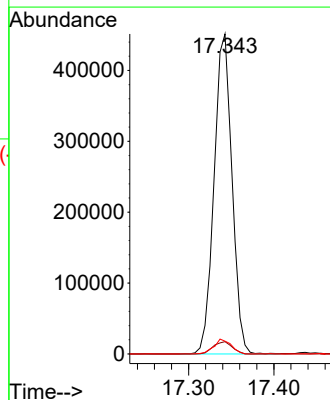
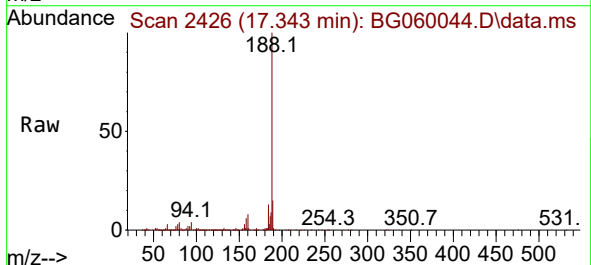
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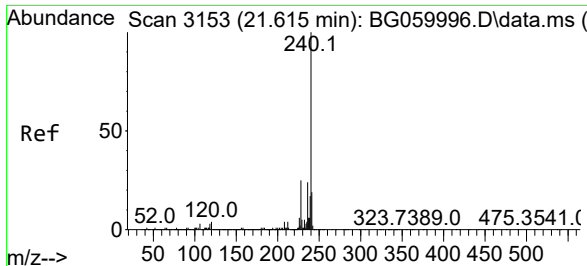
Tgt Ion:172 Resp: 1083495
Ion Ratio Lower Upper
172 100
171 35.9 30.1 45.1
170 24.3 20.0 30.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.343 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:188 Resp: 660726
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 4.0 4.0 6.0

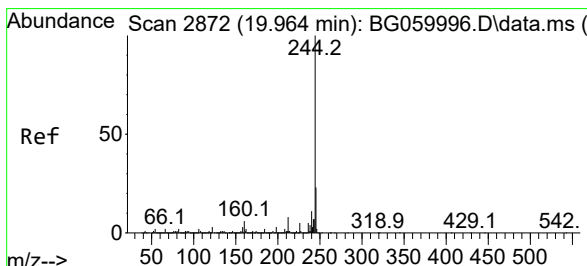
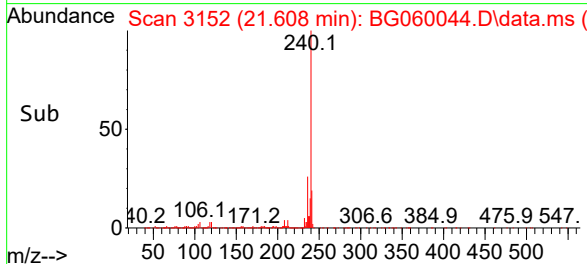
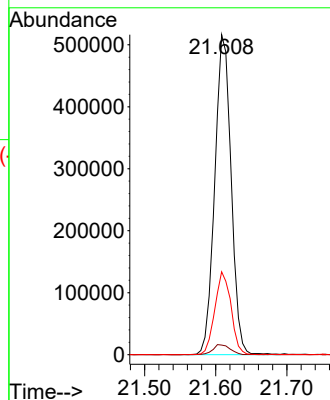
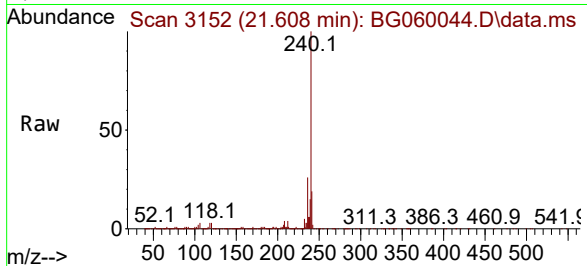




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

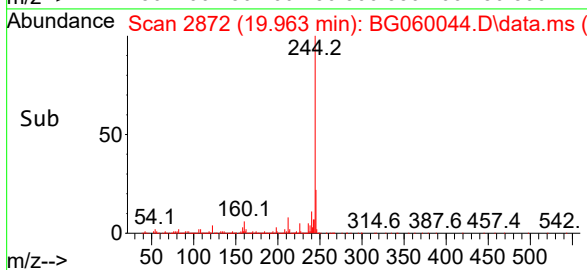
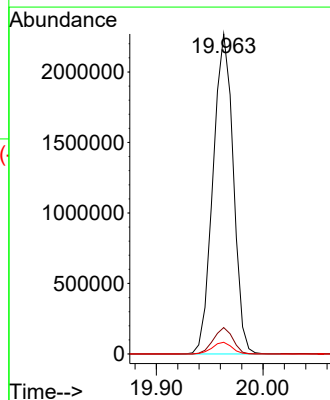
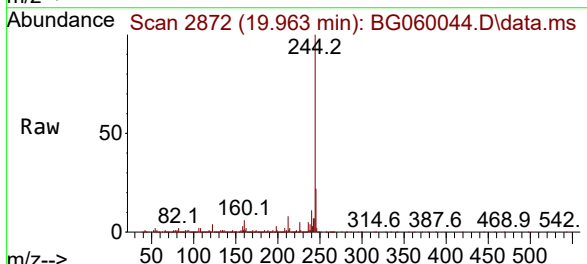
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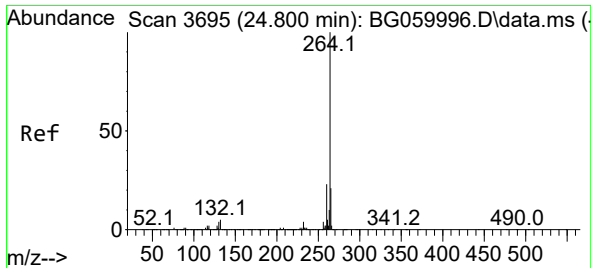
Tgt Ion:240 Resp: 823982
Ion Ratio Lower Upper
240 100
120 3.0 2.9 4.3
236 25.9 19.4 29.2



#79
Terphenyl-d14
Concen: 66.269 ng
RT: 19.963 min Scan# 2872
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:244 Resp: 2990859
Ion Ratio Lower Upper
244 100
212 8.2 6.8 10.2
122 3.7 2.6 3.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.799 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG060044.D
 Acq: 15 Dec 2023 20:34

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tgt Ion:264 Resp: 937970

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	21.6	17.3	25.9

