

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060027.D
 Acq On : 15 Dec 2023 1:07
 Operator : MA/JU
 Sample : 05631-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Dec 15 02:41:58 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	7.955	152	87287	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	328808	20.000	ng	# 0.00
39) Acenaphthene-d10	14.594	164	282587	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	829025	20.000	ng	0.00
76) Chrysene-d12	21.610	240	797285	20.000	ng	0.00
86) Perylene-d12	24.800	264	941824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	369500	72.465	ng	0.00
7) Phenol-d6	7.109	99	397431	55.410	ng	0.00
23) Nitrobenzene-d5	9.118	82	694633	95.928	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	990301	150.374	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	2009699	87.041	ng	0.00
79) Terphenyl-d14	19.965	244	4064078	93.064	ng	0.00

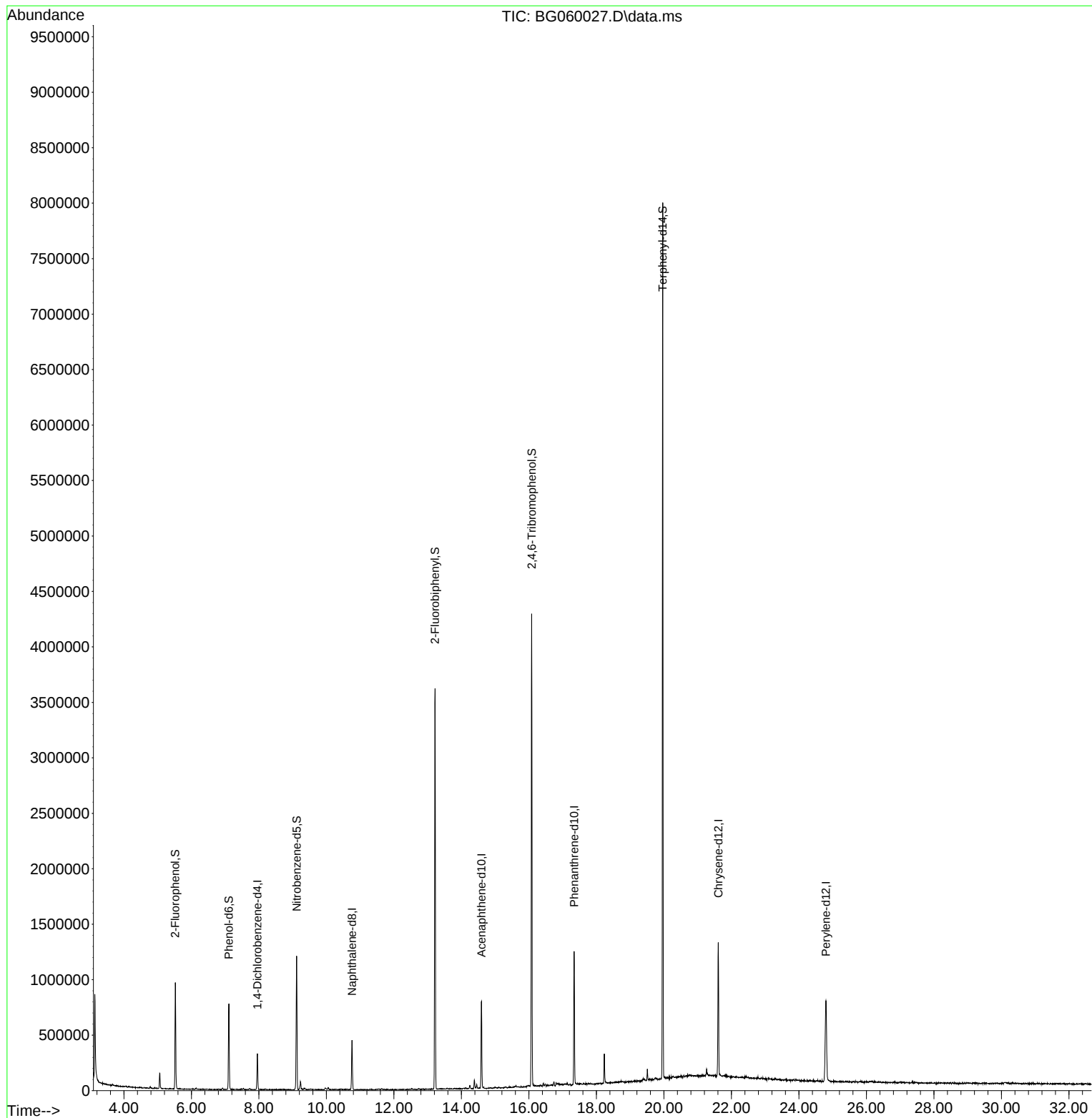
Target Compounds	Qvalue

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

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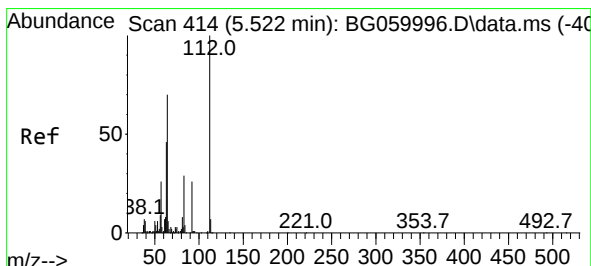
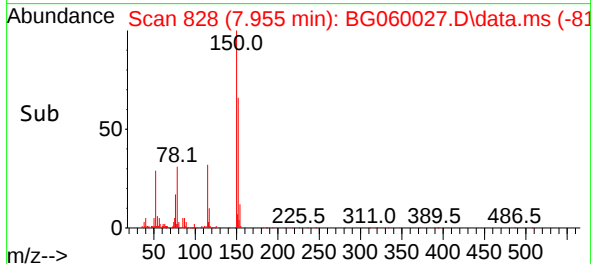
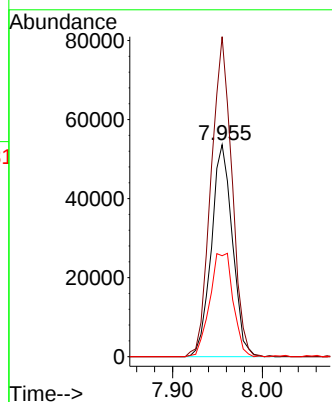
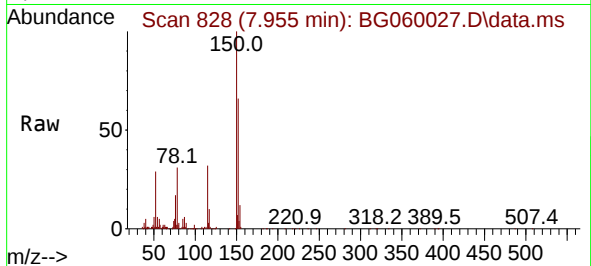




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG060027.D
 Acq: 15 Dec 2023 1:07

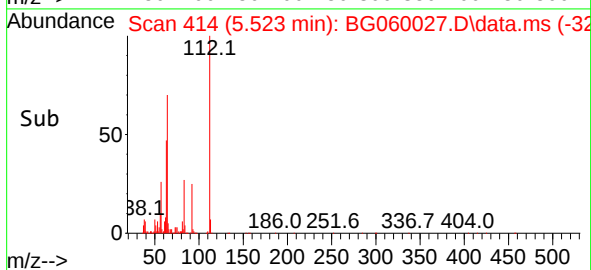
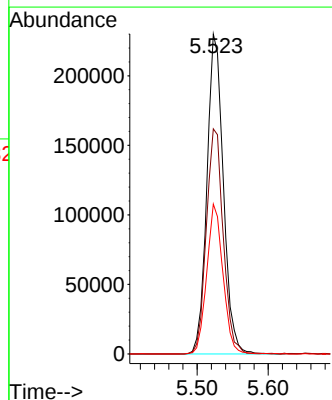
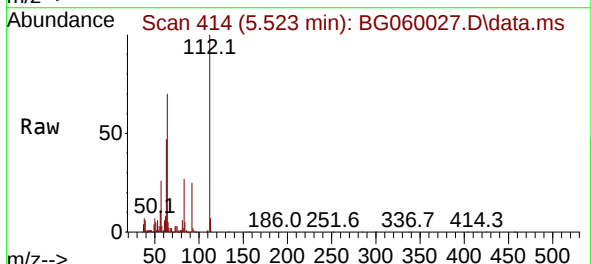
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

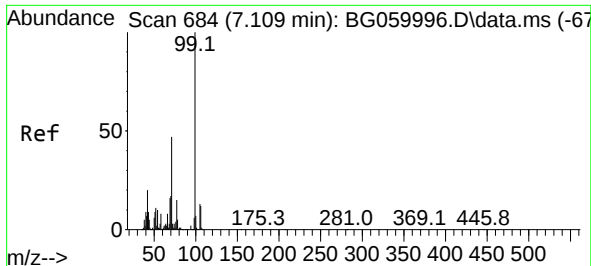
Tgt Ion:152 Resp: 87287
 Ion Ratio Lower Upper
 152 100
 150 150.9 127.0 190.6
 115 47.6 45.7 68.5



#5
 2-Fluorophenol
 Concen: 72.465 ng
 RT: 5.523 min Scan# 414
 Delta R.T. 0.001 min
 Lab File: BG060027.D
 Acq: 15 Dec 2023 1:07

Tgt Ion:112 Resp: 369500
 Ion Ratio Lower Upper
 112 100
 64 70.4 55.9 83.9
 63 46.9 36.5 54.7

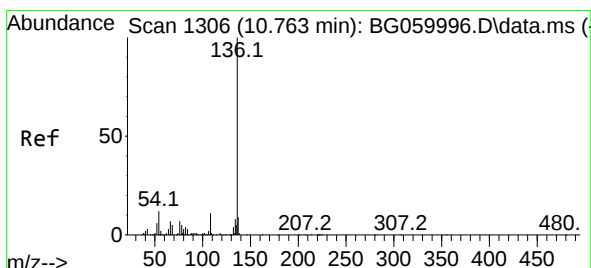
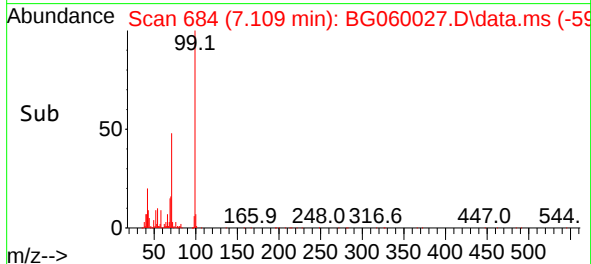
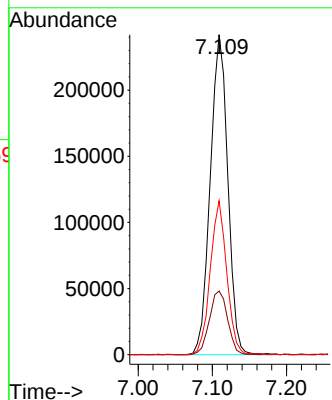
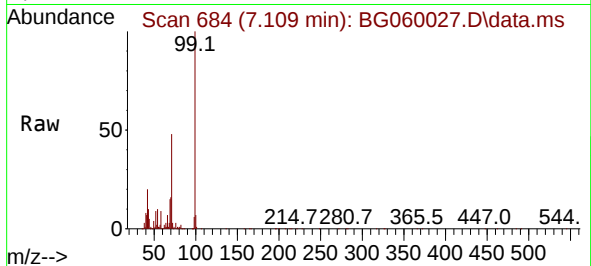




#7
Phenol-d6
Concen: 55.410 ng
RT: 7.109 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060027.D
Acq: 15 Dec 2023 1:07

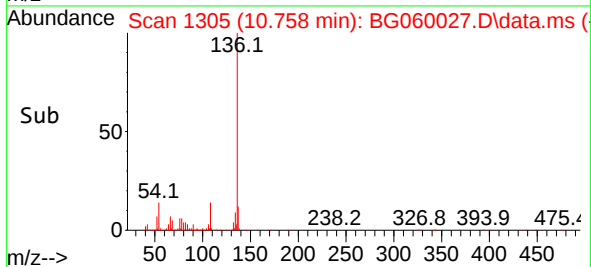
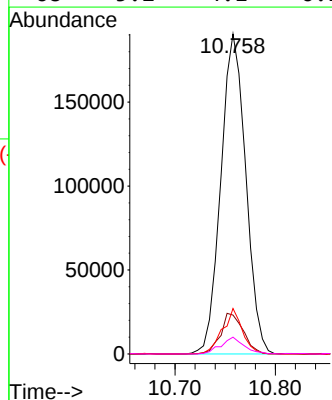
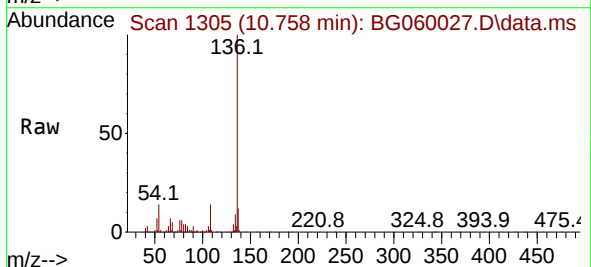
Instrument :
BNA_G
ClientSampleId :
MW-1

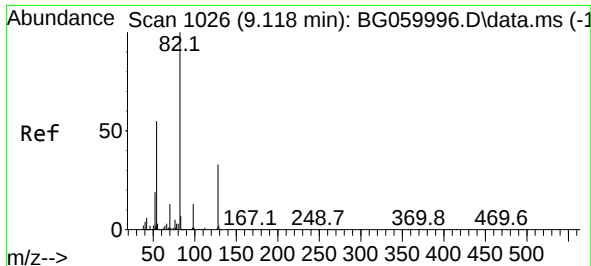
Tgt Ion: 99 Resp: 397431
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.4
71 48.1 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BG060027.D
Acq: 15 Dec 2023 1:07

Tgt Ion: 136 Resp: 328808
Ion Ratio Lower Upper
136 100
137 12.1 7.3 10.9#
54 14.2 9.6 14.4
68 5.2 4.1 6.1

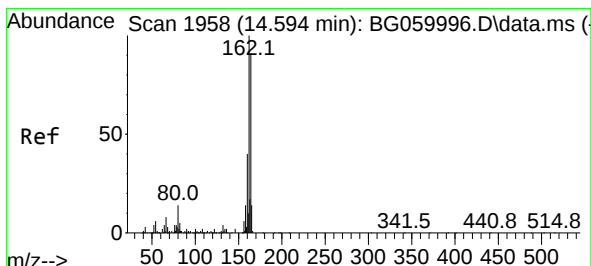
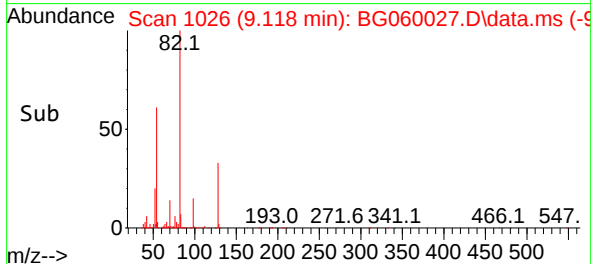
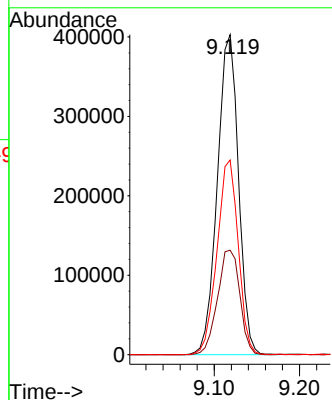
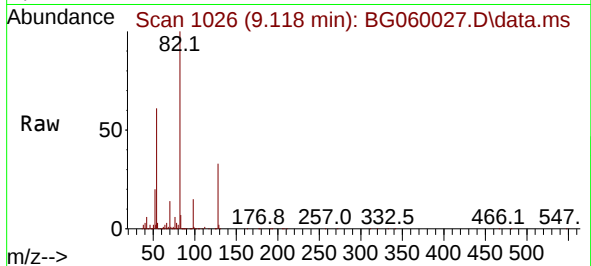




#23
Nitrobenzene-d5
Concen: 95.928 ng
RT: 9.118 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BG060027.D
Acq: 15 Dec 2023 1:07

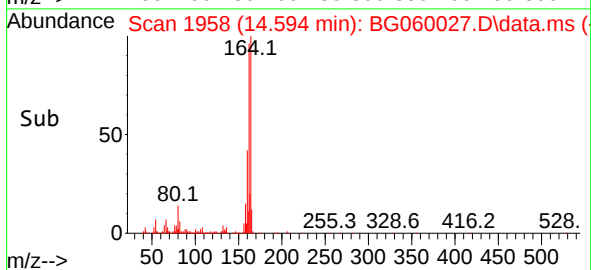
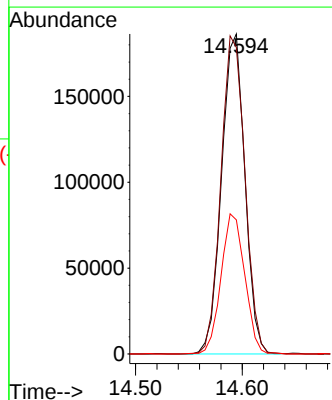
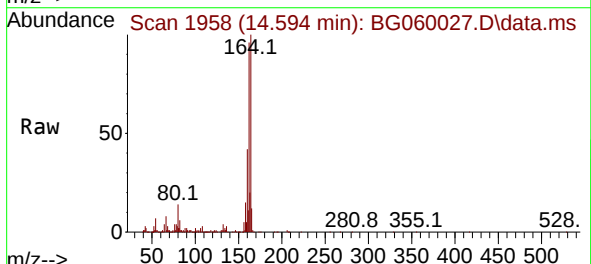
Instrument :
BNA_G
ClientSampleId :
MW-1

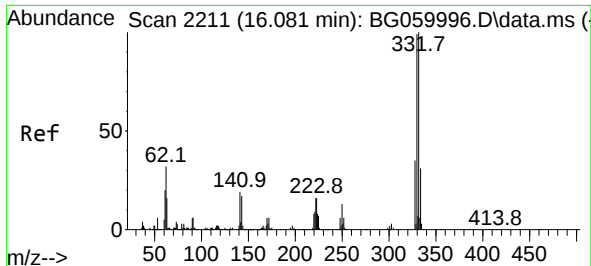
Tgt Ion: 82 Resp: 694633
Ion Ratio Lower Upper
82 100
128 32.6 26.3 39.5
54 60.9 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG060027.D
Acq: 15 Dec 2023 1:07

Tgt Ion: 164 Resp: 282587
Ion Ratio Lower Upper
164 100
162 95.8 88.1 132.1
160 41.9 35.4 53.0

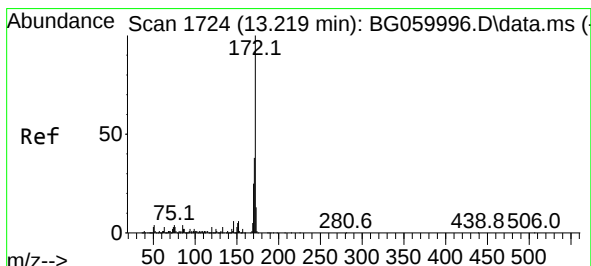
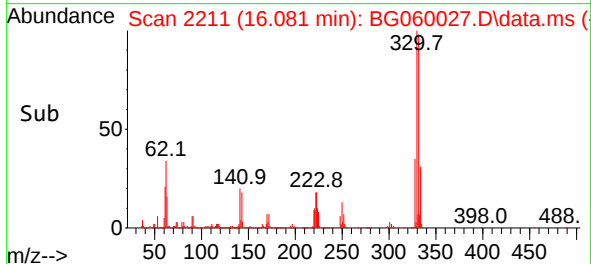
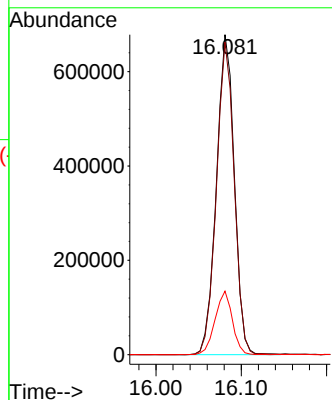
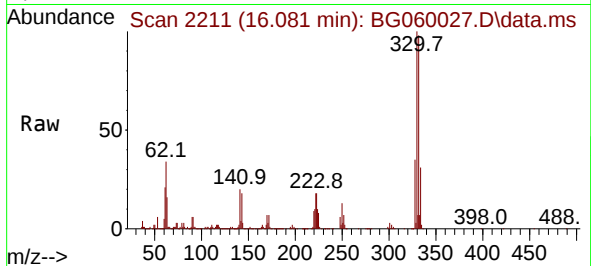




#42
2,4,6-Tribromophenol
Concen: 150.374 ng
RT: 16.081 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060027.D
Acq: 15 Dec 2023 1:07

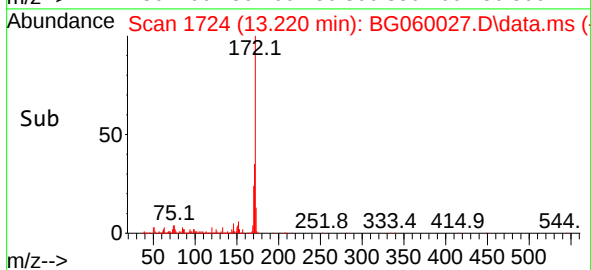
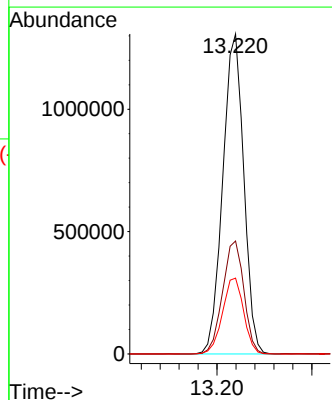
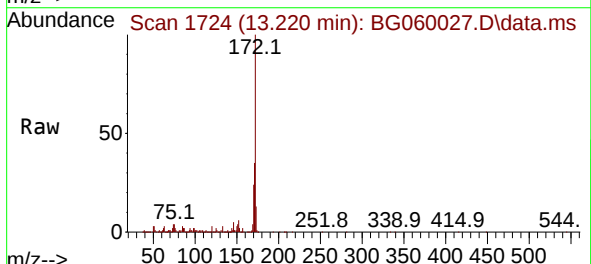
Instrument :
BNA_G
ClientSampleId :
MW-1

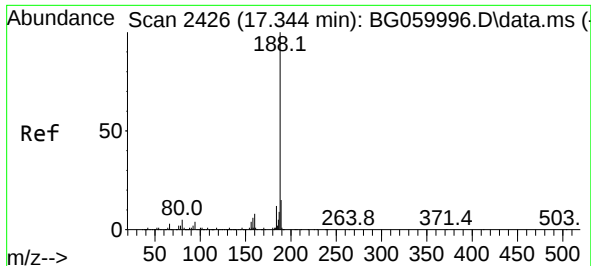
Tgt Ion:330 Resp: 990301
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 19.2 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 87.041 ng
RT: 13.220 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BG060027.D
Acq: 15 Dec 2023 1:07

Tgt Ion:172 Resp: 2009699
Ion Ratio Lower Upper
172 100
171 35.3 30.1 45.1
170 23.7 20.0 30.0

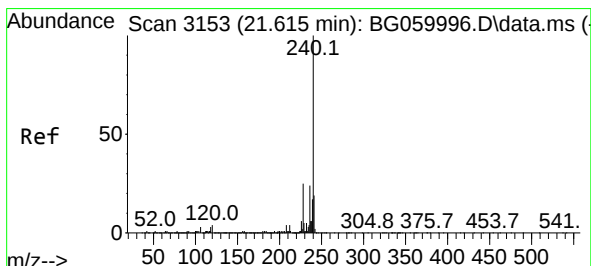
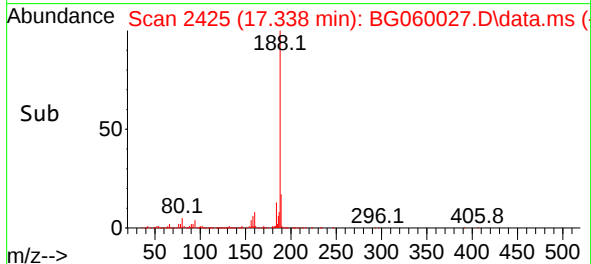
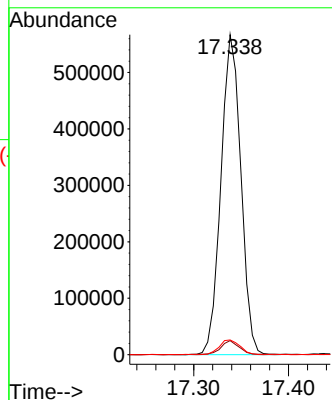
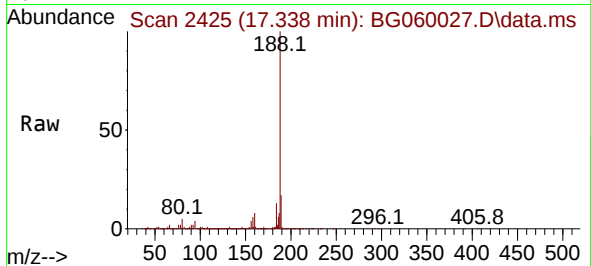




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG060027.D
Acq: 15 Dec 2023 1:07

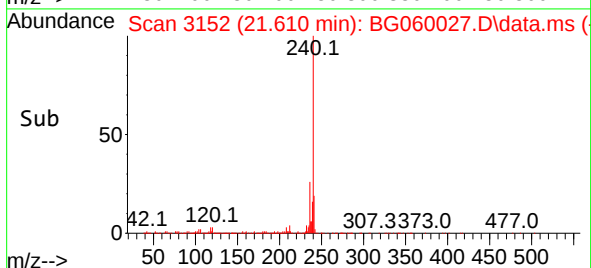
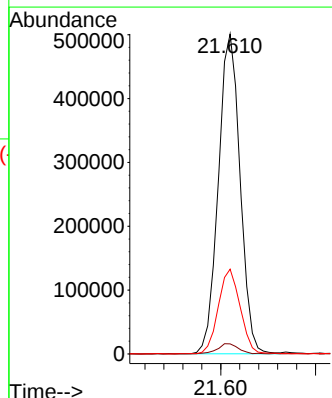
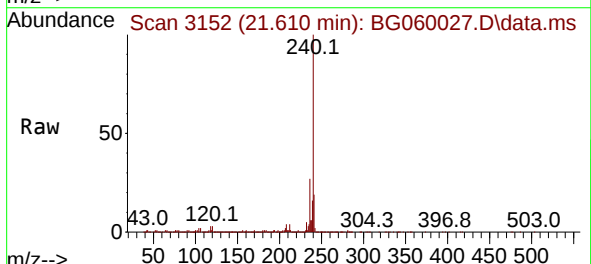
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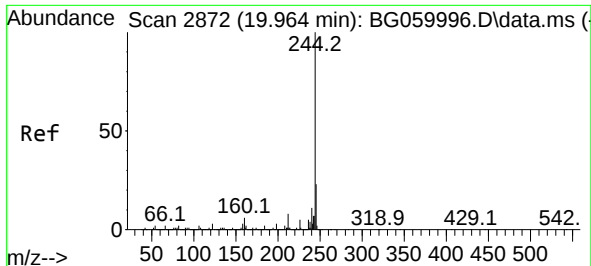
Tgt Ion:188 Resp: 829025
Ion Ratio Lower Upper
188 100
94 4.4 3.0 4.6
80 4.6 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG060027.D
Acq: 15 Dec 2023 1:07

Tgt Ion:240 Resp: 797285
Ion Ratio Lower Upper
240 100
120 3.1 2.9 4.3
236 26.5 19.4 29.2

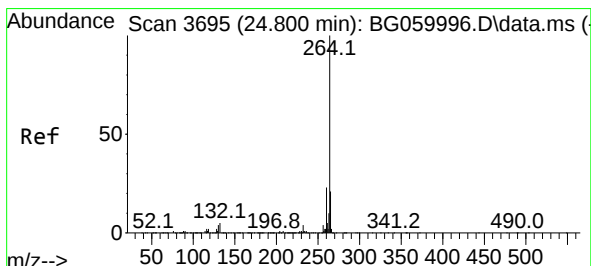
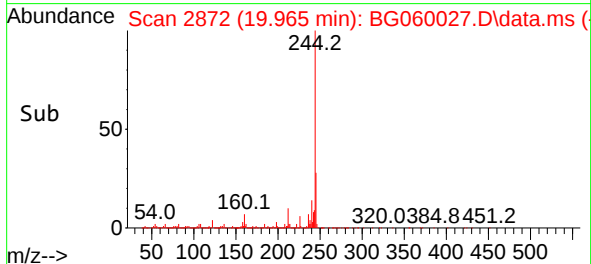
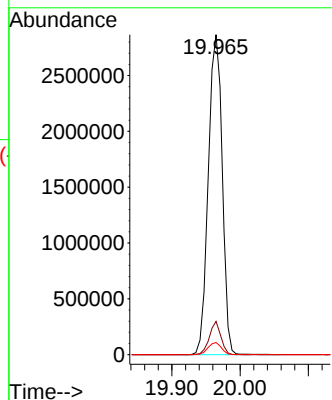
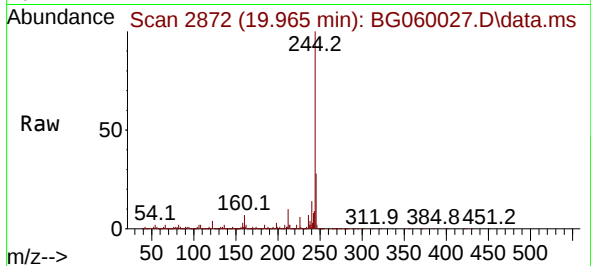




#79
 Terphenyl-d14
 Concen: 93.064 ng
 RT: 19.965 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060027.D
 Acq: 15 Dec 2023 1:07

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 4064078
 Ion Ratio Lower Upper
 244 100
 212 10.4 6.8 10.2#
 122 3.8 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.800 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: BG060027.D
 Acq: 15 Dec 2023 1:07

Tgt Ion:264 Resp: 941824
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.5 27.7
 265 19.9 17.3 25.9

