

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060087.D
 Acq On : 19 Dec 2023 16:06
 Operator : MA/JU
 Sample : 05829-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Dec 19 16:52:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

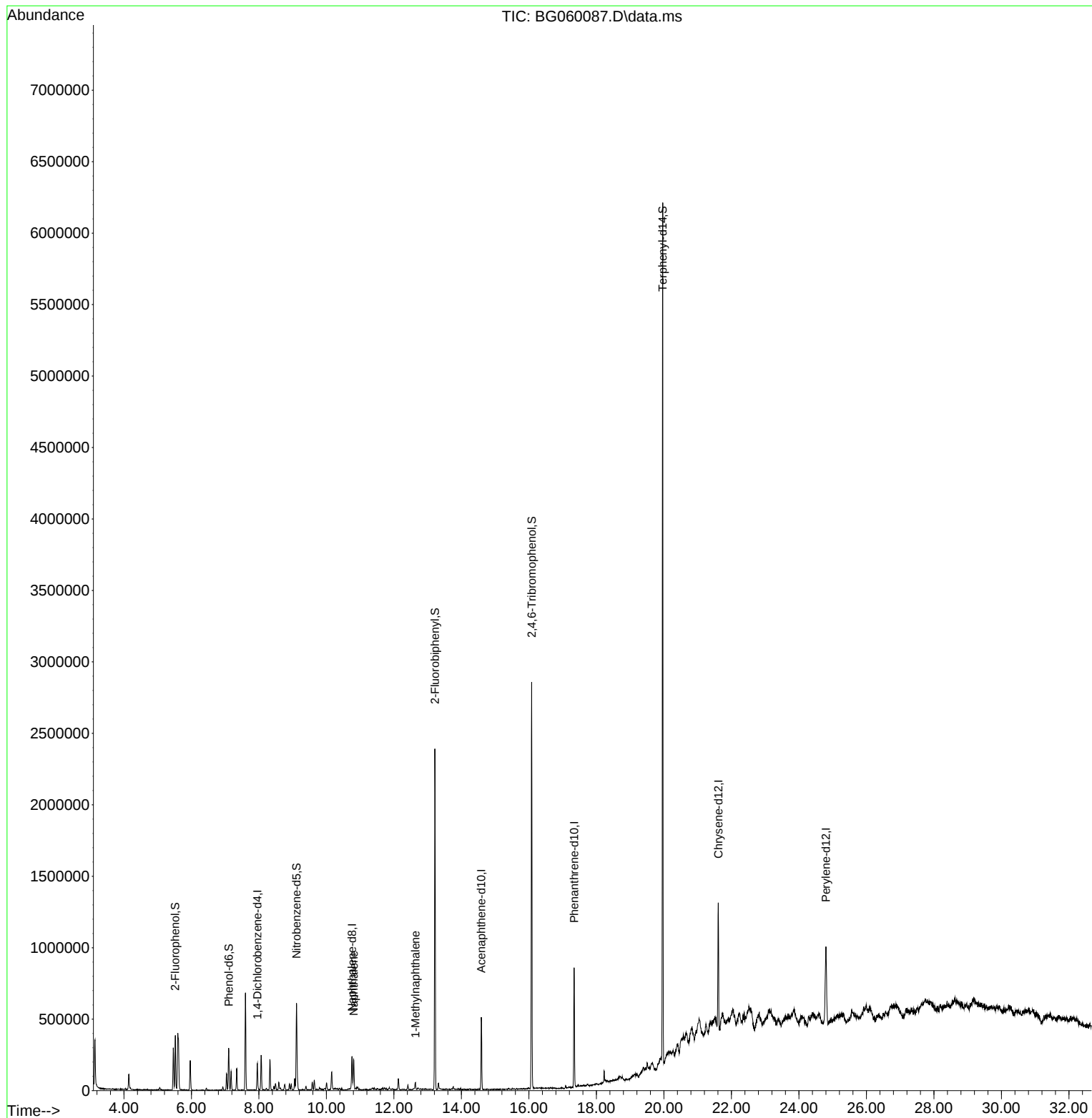
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	49768	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	174453	20.000	ng	# 0.00
39) Acenaphthene-d10	14.588	164	175234	20.000	ng	-0.01
64) Phenanthrene-d10	17.338	188	583675	20.000	ng	#-0.01
76) Chrysene-d12	21.609	240	622471	20.000	ng	#-0.01
86) Perylene-d12	24.799	264	670958	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	128081	44.056	ng	0.00
7) Phenol-d6	7.108	99	106035	25.928	ng	0.00
23) Nitrobenzene-d5	9.112	82	338073	87.997	ng	-0.01
42) 2,4,6-Tribromophenol	16.080	330	663956	162.584	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	1271118	88.779	ng	0.00
79) Terphenyl-d14	19.964	244	3208567	94.107	ng	0.00
Target Compounds						
31) Naphthalene	10.810	128	141238	15.552	ng	Qvalue 97
38) 1-Methylnaphthalene	12.637	142	19048	2.707	ng	# 76

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

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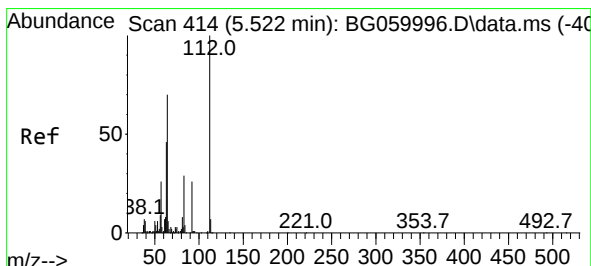
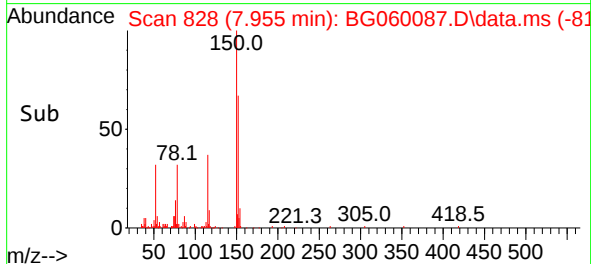
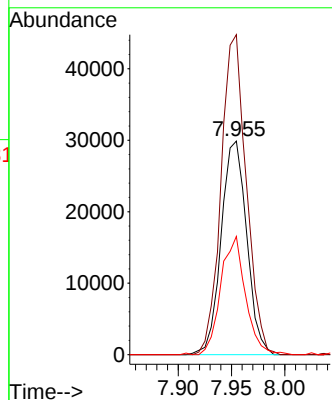
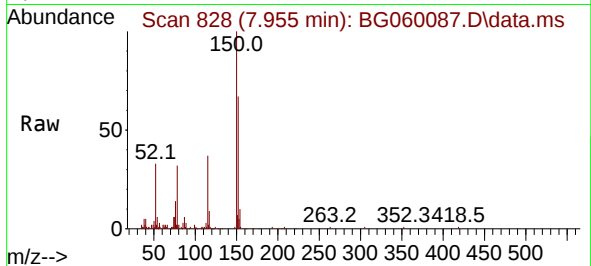




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.955 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG060087.D
 Acq: 19 Dec 2023 16:06

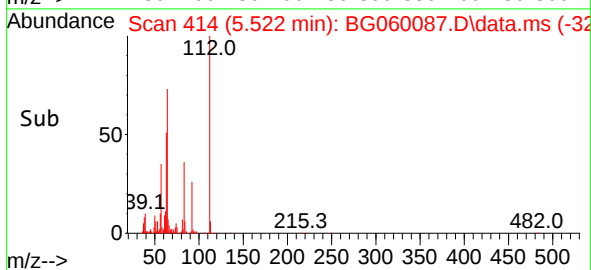
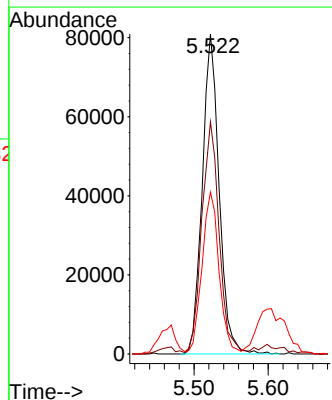
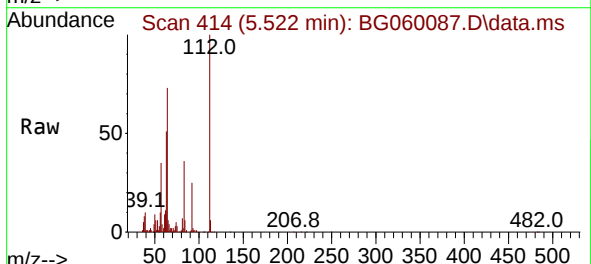
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tgt Ion:152 Resp: 49768
 Ion Ratio Lower Upper
 152 100
 150 149.8 127.0 190.6
 115 55.3 45.7 68.5



#5
 2-Fluorophenol
 Concen: 44.056 ng
 RT: 5.522 min Scan# 414
 Delta R.T. -0.004 min
 Lab File: BG060087.D
 Acq: 19 Dec 2023 16:06

Tgt Ion:112 Resp: 128081
 Ion Ratio Lower Upper
 112 100
 64 72.6 55.9 83.9
 63 50.6 36.5 54.7

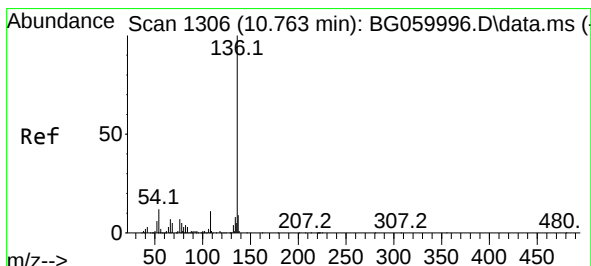
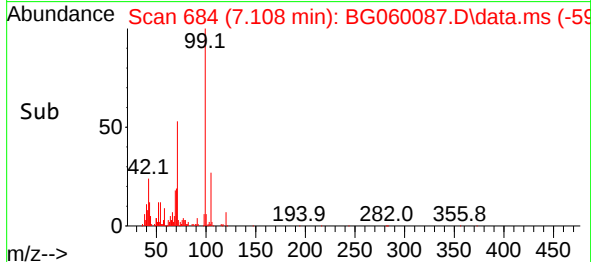
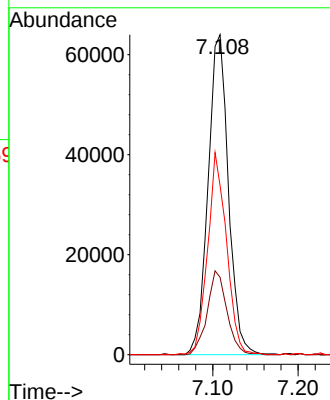
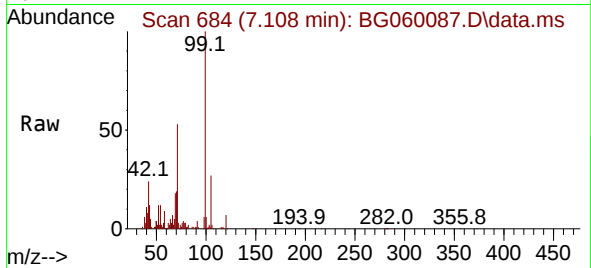




#7
Phenol-d6
Concen: 25.928 ng
RT: 7.108 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

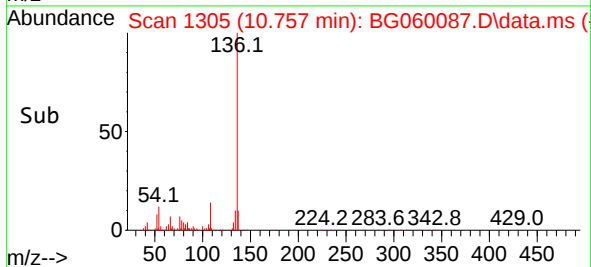
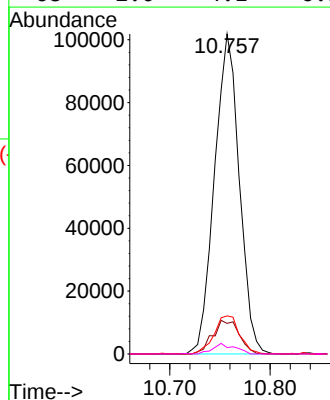
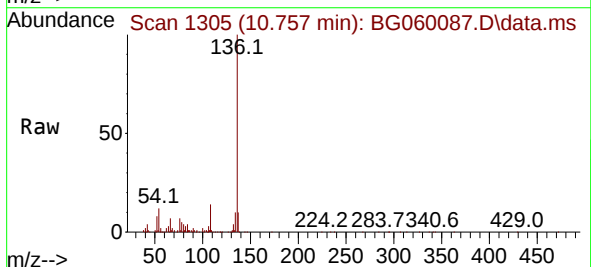
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BNA_G
ClientSampleId :
MW-3

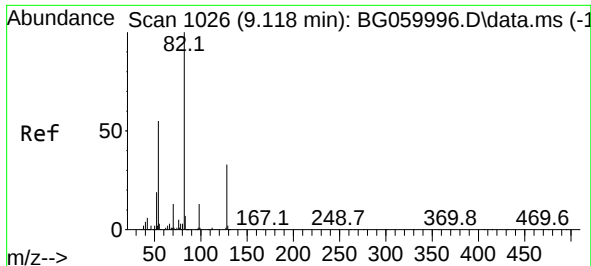
Tgt Ion: 99 Resp: 106035
Ion Ratio Lower Upper
99 100
42 24.2 16.2 24.4
71 52.9 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1305
Delta R.T. -0.004 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

Tgt Ion:136 Resp: 174453
Ion Ratio Lower Upper
136 100
137 9.5 7.3 10.9
54 11.9 9.6 14.4
68 2.0 4.1 6.1#

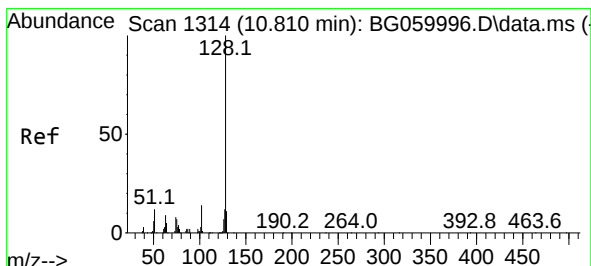
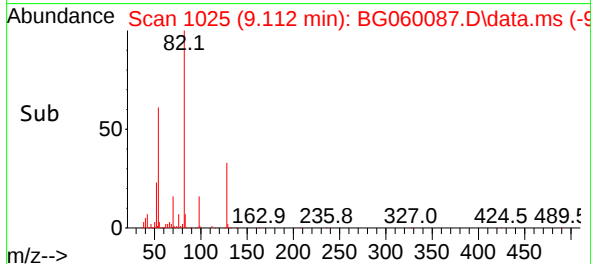
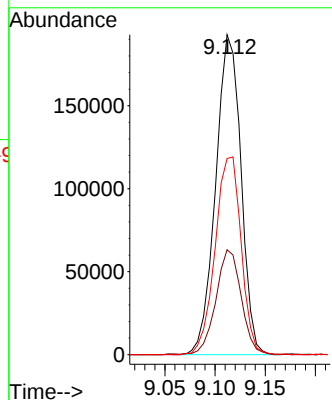
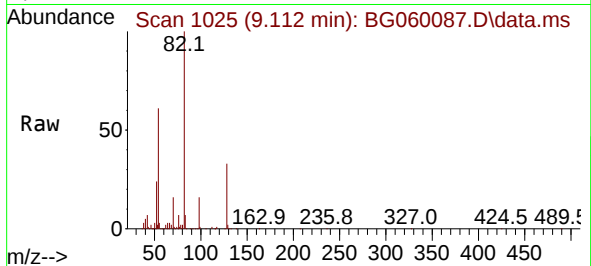




#23
Nitrobenzene-d5
Concen: 87.997 ng
RT: 9.112 min Scan# 1026
Delta R.T. -0.010 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

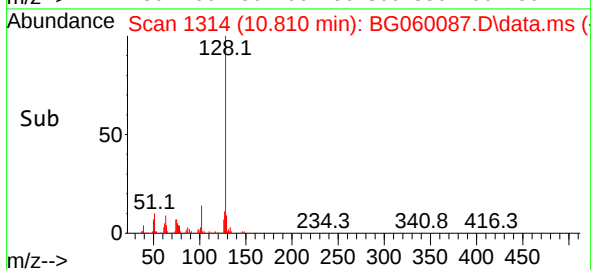
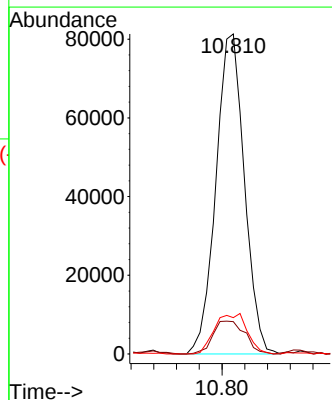
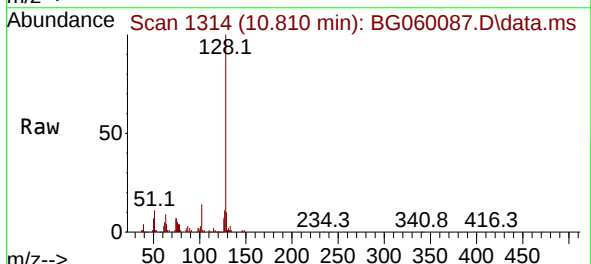
Instrument :
BNA_G
ClientSampleId :
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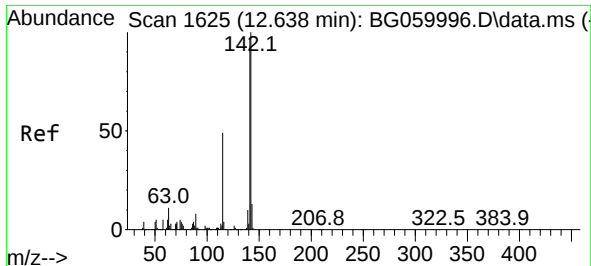
Tgt Ion: 82 Resp: 338073
Ion Ratio Lower Upper
82 100
128 32.8 26.3 39.5
54 61.3 44.3 66.5



#31
Naphthalene
Concen: 15.552 ng
RT: 10.810 min Scan# 1314
Delta R.T. -0.004 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

Tgt Ion:128 Resp: 141238
Ion Ratio Lower Upper
128 100
129 10.1 9.2 13.8
127 11.4 9.7 14.5

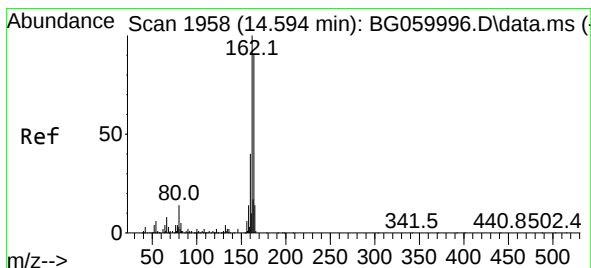
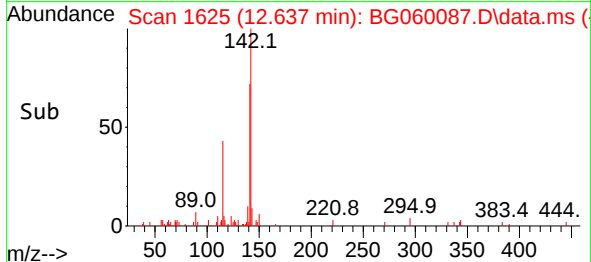
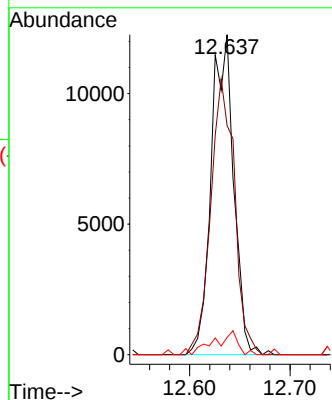
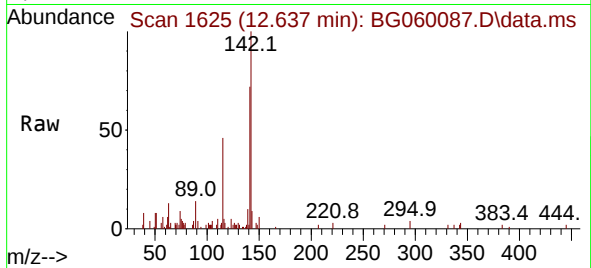




#38
1-Methylnaphthalene
Concen: 2.707 ng
RT: 12.637 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

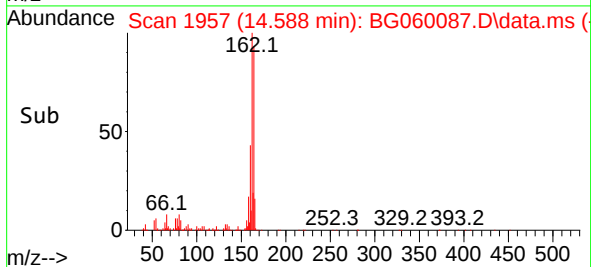
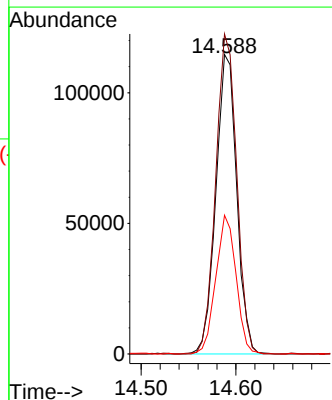
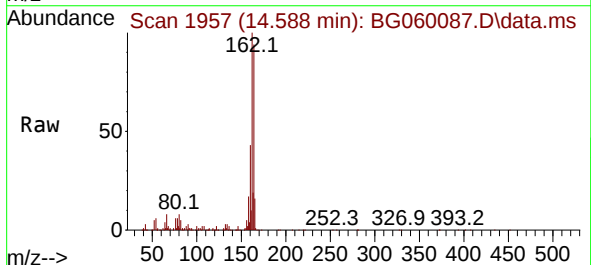
Instrument :
BNA_G
ClientSampleId :
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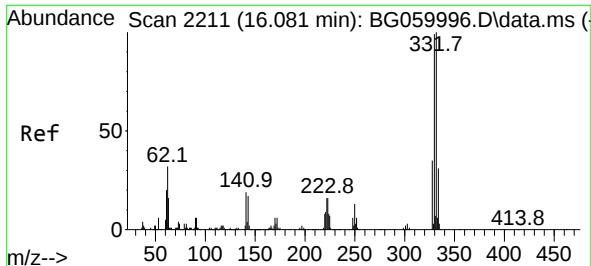
Tgt Ion:142 Resp: 19048
Ion Ratio Lower Upper
142 100
141 71.6 76.9 115.3#
116 5.4 3.5 5.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.010 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

Tgt Ion:164 Resp: 175234
Ion Ratio Lower Upper
164 100
162 106.8 88.1 132.1
160 46.3 35.4 53.0

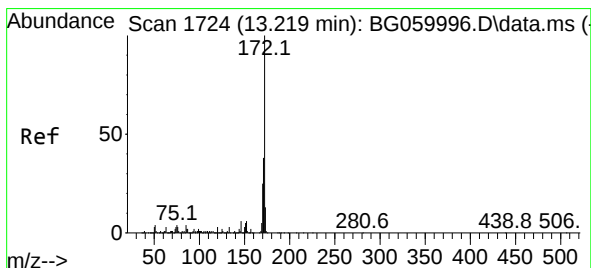
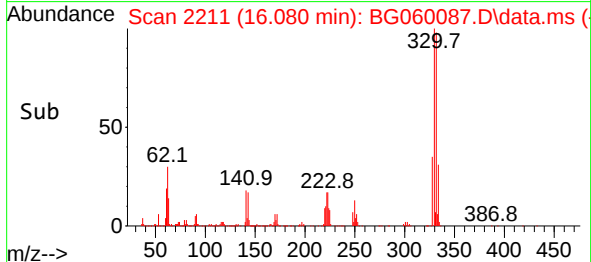
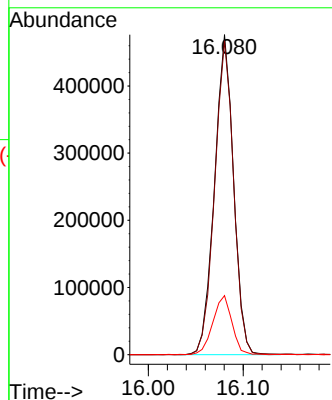
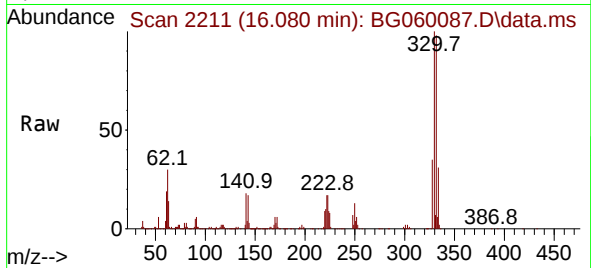




#42
2,4,6-Tribromophenol
Concen: 162.584 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

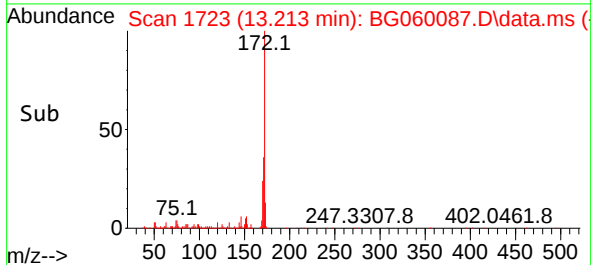
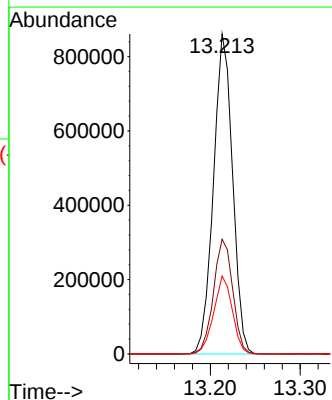
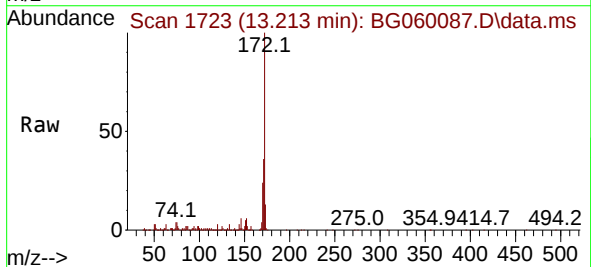
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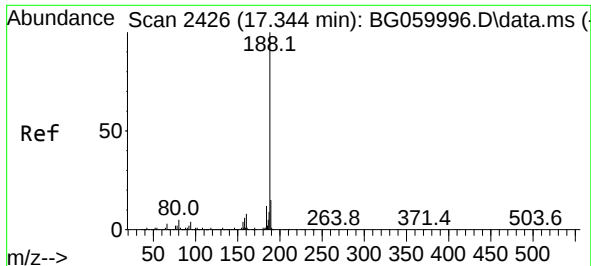
Tgt Ion:330 Resp: 663956
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 18.5 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 88.779 ng
RT: 13.213 min Scan# 1723
Delta R.T. -0.004 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

Tgt Ion:172 Resp: 1271118
Ion Ratio Lower Upper
172 100
171 35.9 30.1 45.1
170 24.4 20.0 30.0

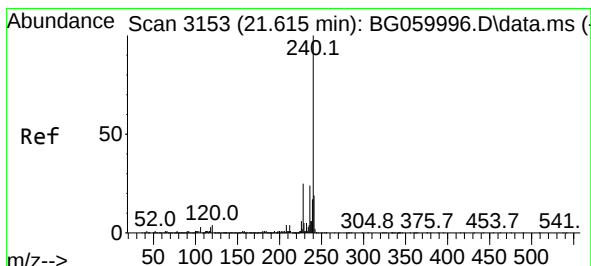
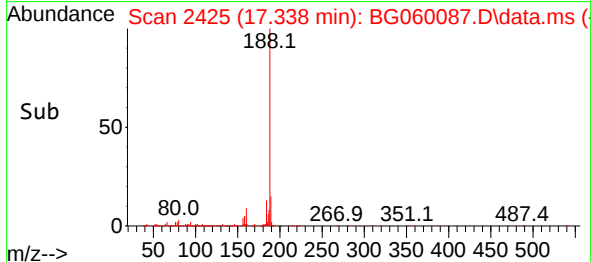
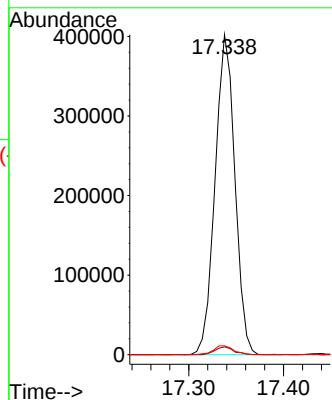
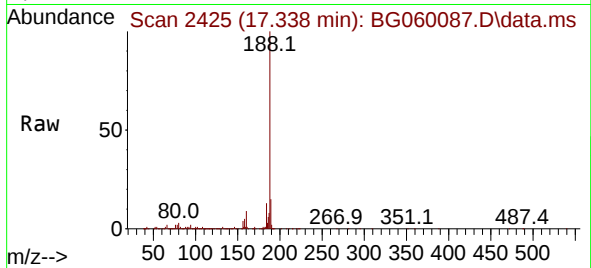




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.010 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

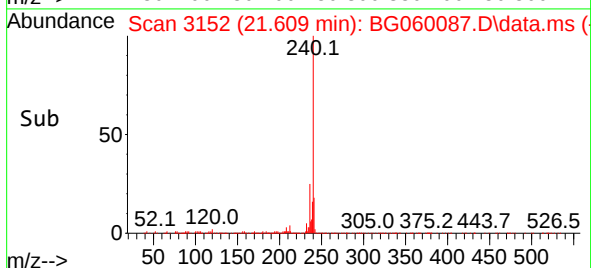
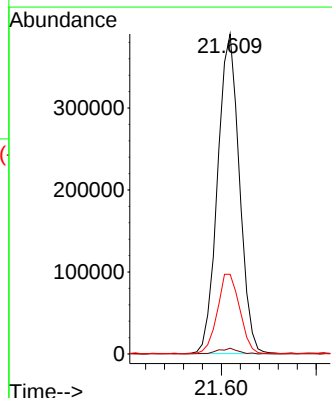
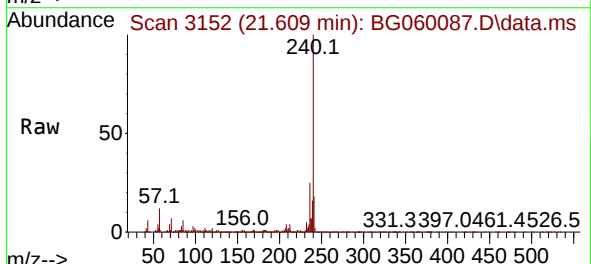
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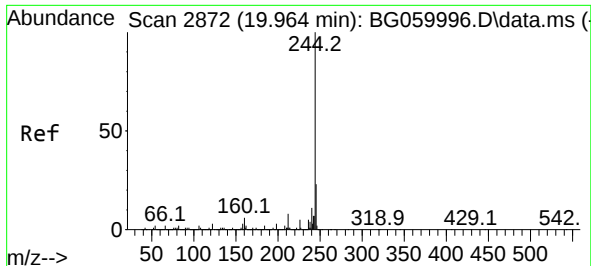
Tgt Ion:188 Resp: 583675
Ion Ratio Lower Upper
188 100
94 2.5 3.0 4.6#
80 2.8 4.0 6.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.609 min Scan# 3152
Delta R.T. -0.010 min
Lab File: BG060087.D
Acq: 19 Dec 2023 16:06

Tgt Ion:240 Resp: 622471
Ion Ratio Lower Upper
240 100
120 1.8 2.9 4.3#
236 24.9 19.4 29.2

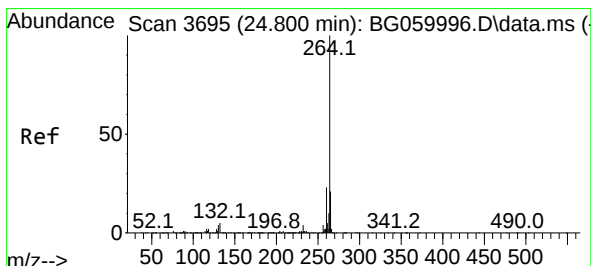
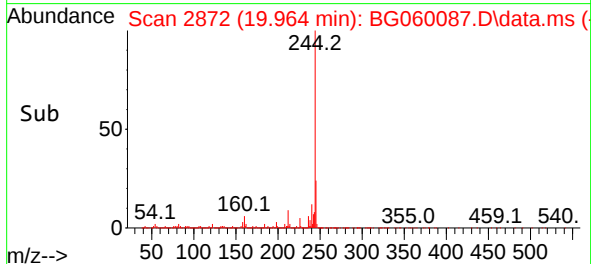
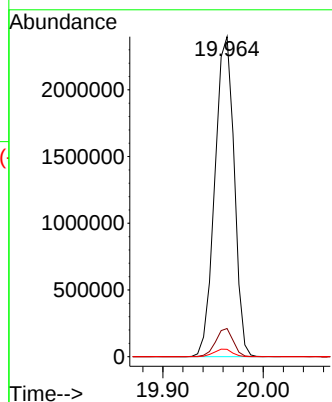
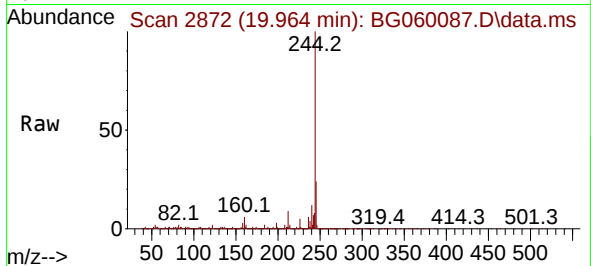




#79
 Terphenyl-d14
 Concen: 94.107 ng
 RT: 19.964 min Scan# 2872
 Delta R.T. -0.004 min
 Lab File: BG060087.D
 Acq: 19 Dec 2023 16:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tgt Ion:244 Resp: 3208567
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.8 10.2
 122 2.3 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.799 min Scan# 3695
 Delta R.T. -0.016 min
 Lab File: BG060087.D
 Acq: 19 Dec 2023 16:06

Tgt Ion:264 Resp: 670958
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 22.3 17.3 25.9

