

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060089.D
 Acq On : 19 Dec 2023 17:27
 Operator : MA/JU
 Sample : 05829-10DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL

Quant Time: Dec 20 00:45:36 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)

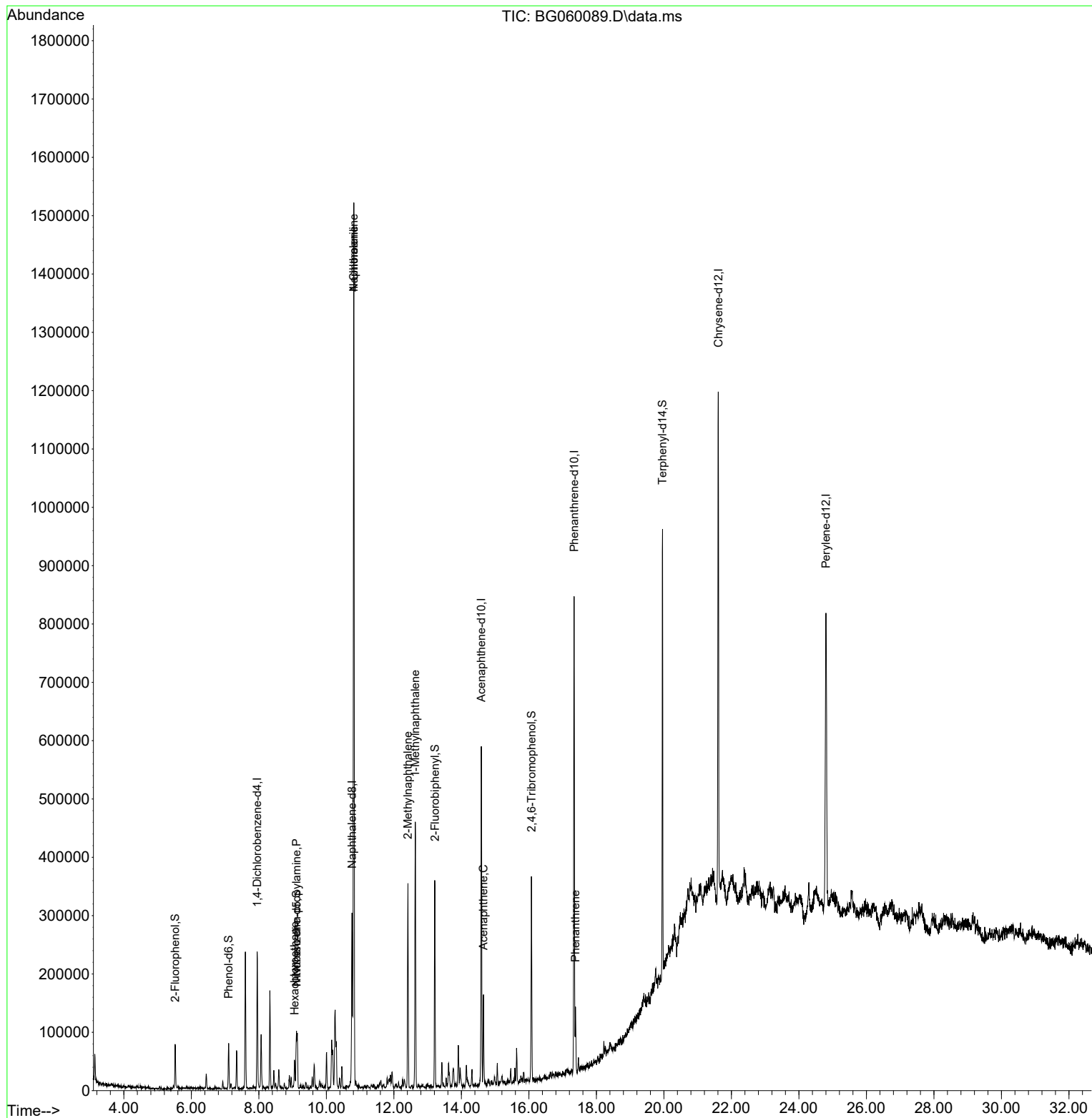
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	61213	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	225193	20.000	ng	# 0.00
39) Acenaphthene-d10	14.590	164	202878	20.000	ng	0.00
64) Phenanthrene-d10	17.340	188	573705	20.000	ng	# 0.00
76) Chrysene-d12	21.611	240	585230	20.000	ng	# 0.00
86) Perylene-d12	24.802	264	688326	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.524	112	25598	7.159	ng	0.00
7) Phenol-d6	7.105	99	27818	5.530	ng	0.00
23) Nitrobenzene-d5	9.114	82	52429	10.572	ng	0.00
42) 2,4,6-Tribromophenol	16.076	330	81344	17.205	ng	0.00
45) 2-Fluorobiphenyl	13.215	172	194394	11.727	ng	0.00
79) Terphenyl-d14	19.960	244	436168	13.607	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	9.055	117	4668	3.268	ng	# 1
19) n-Nitroso-di-n-propyla...	9.114	70	7392	2.278	ng	# 75
31) Naphthalene	10.812	128	1078274	91.979	ng	97
33) 4-Chloroaniline	10.812	127	144687	32.436	ng	# 33
37) 2-Methylnaphthalene	12.416	142	145900	15.868	ng	95
38) 1-Methylnaphthalene	12.633	142	198379	21.842	ng	# 94
52) Acenaphthene	14.655	154	53771	4.383	ng	94
69) Atrazine	16.664	200	107	Below Cal		86
71) Phenanthrene	17.381	178	76166	2.741	ng	98

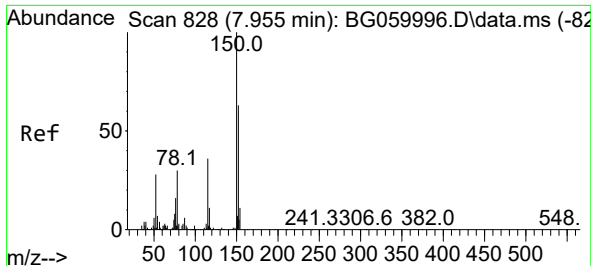
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-14DL

Quant Time: Dec 20 00:45:36 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

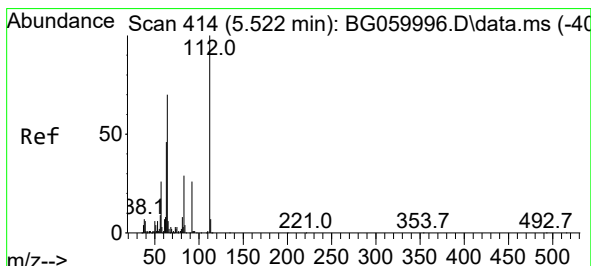
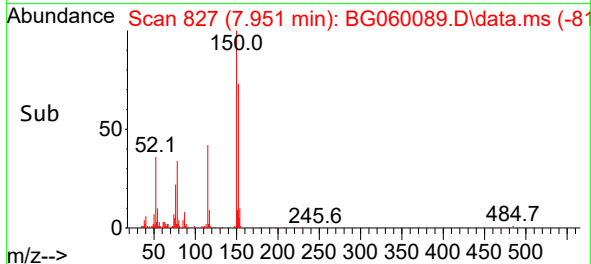
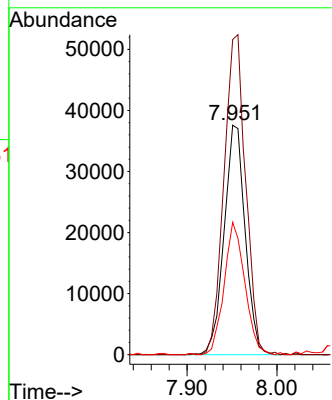
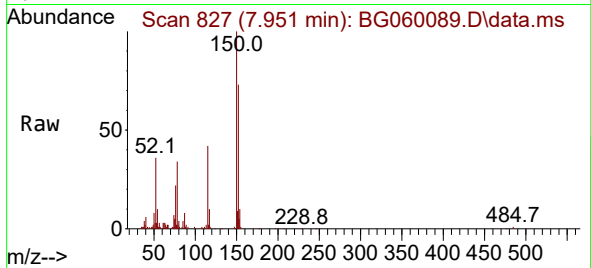




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

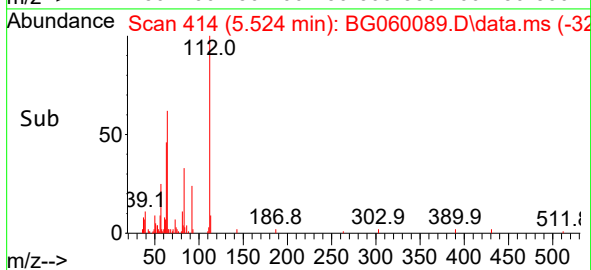
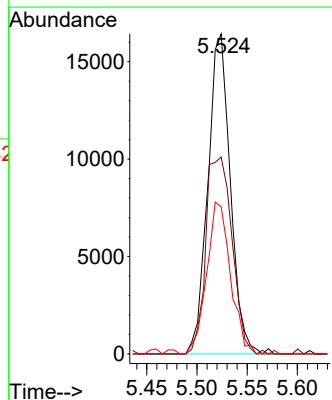
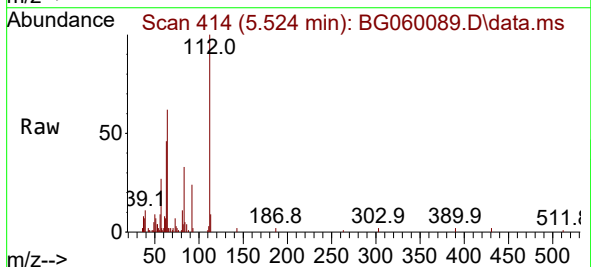
Instrument :
BNA_G
ClientSampleId :
MW-14DL

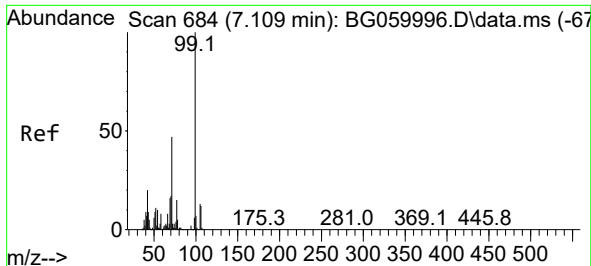
Tgt Ion:152 Resp: 61213
Ion Ratio Lower Upper
152 100
150 137.4 127.0 190.6
115 57.7 45.7 68.5



#5
2-Fluorophenol
Concen: 7.159 ng
RT: 5.524 min Scan# 414
Delta R.T. -0.002 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:112 Resp: 25598
Ion Ratio Lower Upper
112 100
64 61.5 55.9 83.9
63 46.0 36.5 54.7

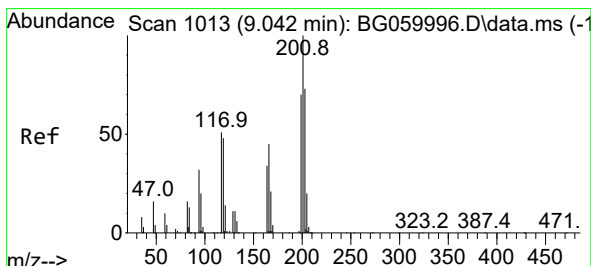
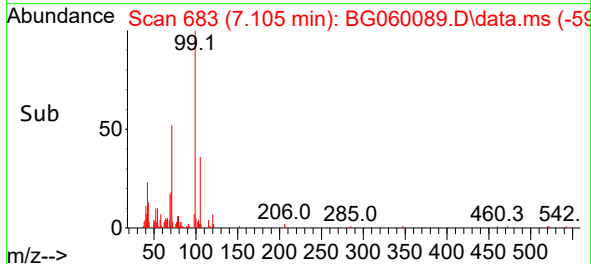
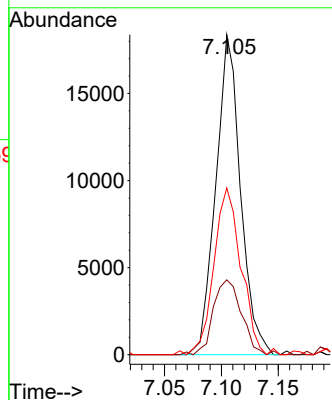
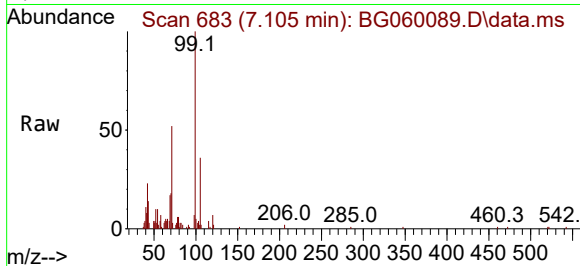




#7
Phenol-d6
Concen: 5.530 ng
RT: 7.105 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

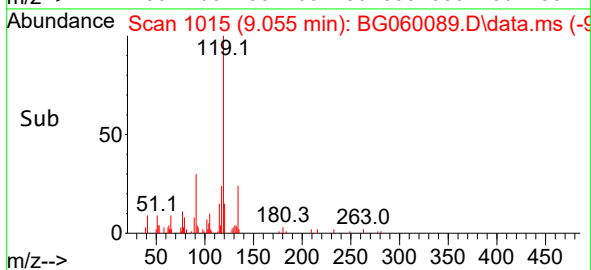
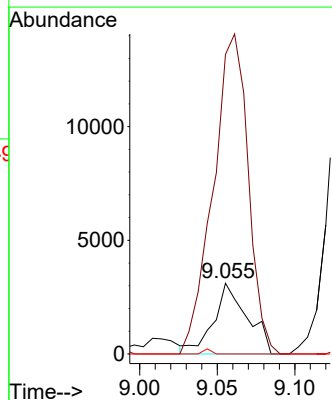
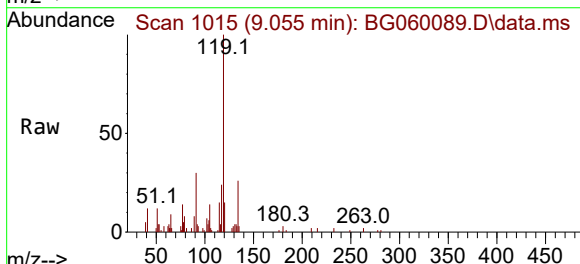
Instrument :
BNA_G
ClientSampleId :
MW-14DL

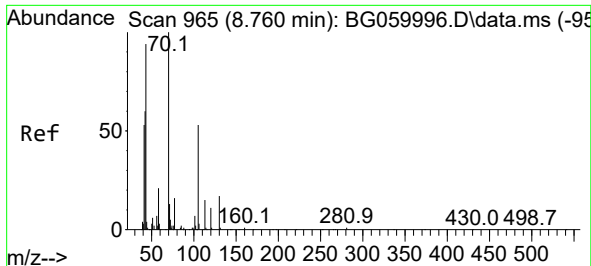
Tgt Ion: 99 Resp: 27818
Ion Ratio Lower Upper
99 100
42 23.4 16.2 24.4
71 52.1 37.6 56.4



#18
Hexachloroethane
Concen: 3.268 ng
RT: 9.055 min Scan# 1015
Delta R.T. 0.010 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion: 117 Resp: 4668
Ion Ratio Lower Upper
117 100
119 423.8 74.5 111.7#
201 0.0 156.5 234.7#

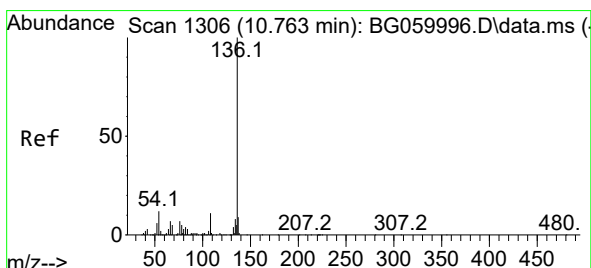
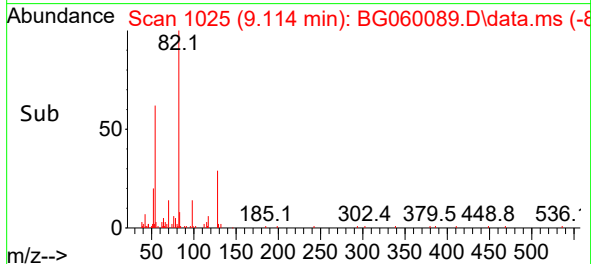
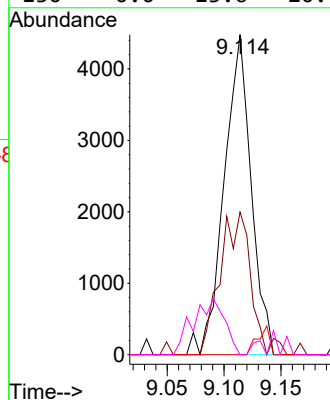
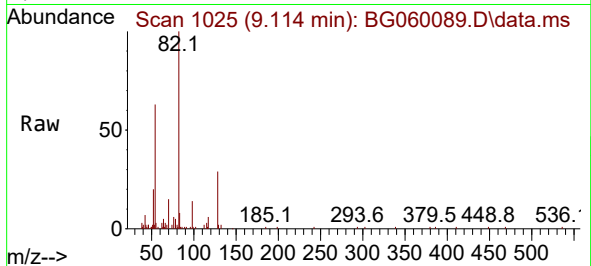




#19
n-Nitroso-di-n-propylamine
Concen: 2.278 ng
RT: 9.114 min Scan# 1025
Delta R.T. 0.350 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

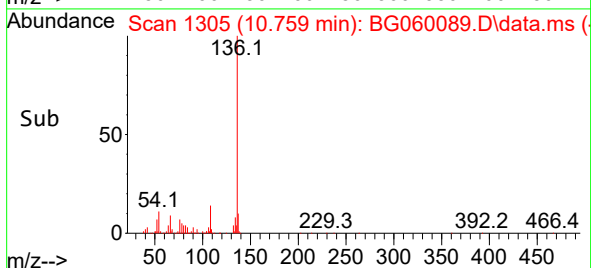
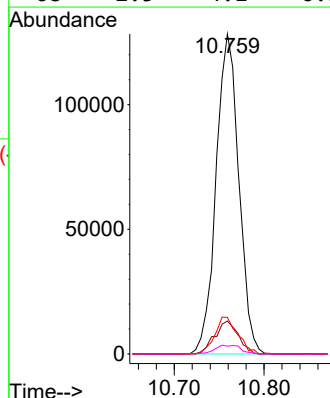
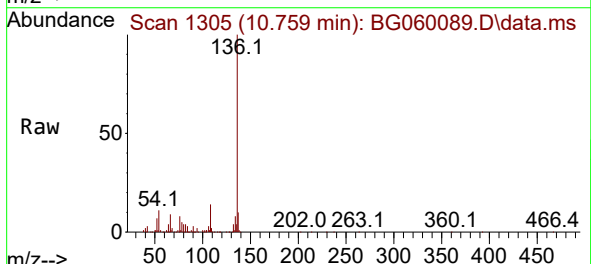
Instrument :
BNA_G
ClientSampleId :
MW-14DL

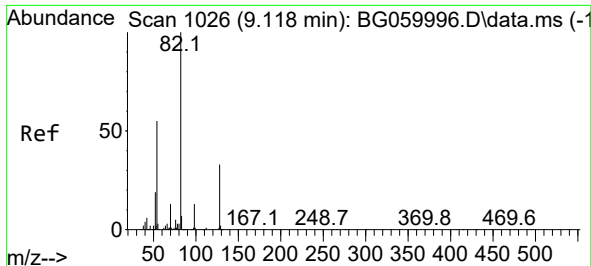
Tgt Ion: 70 Resp: 7392
Ion Ratio Lower Upper
70 100
42 44.6 48.6 73.0#
101 0.0 5.7 8.5#
130 0.0 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 1305
Delta R.T. -0.002 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:136 Resp: 225193
Ion Ratio Lower Upper
136 100
137 10.3 7.3 10.9
54 11.5 9.6 14.4
68 2.5 4.1 6.1#

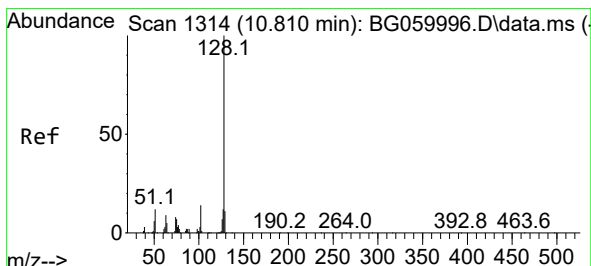
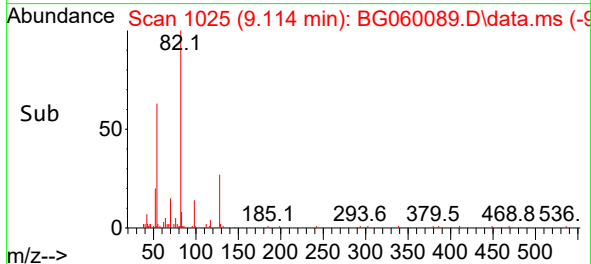
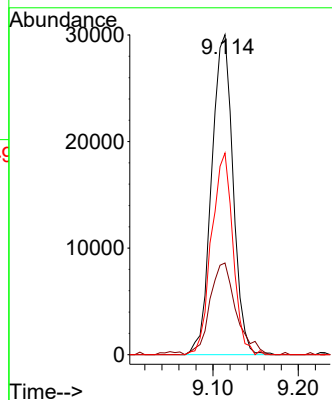
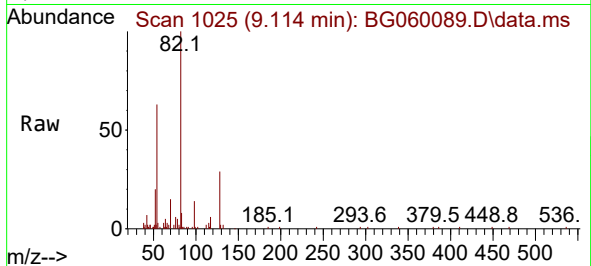




#23
Nitrobenzene-d5
Concen: 10.572 ng
RT: 9.114 min Scan# 1025
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

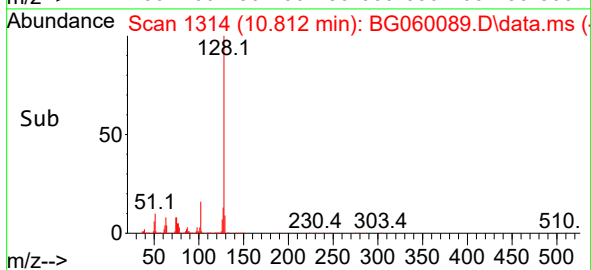
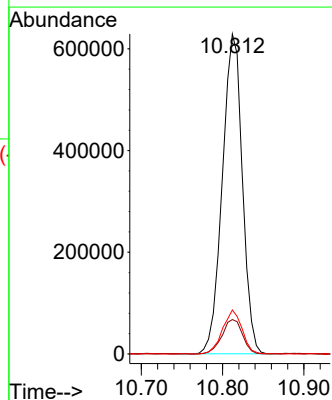
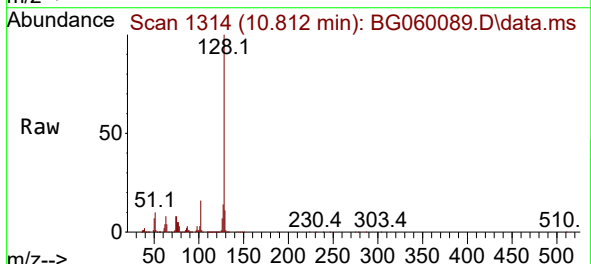
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ClientSampleId :
MW-14DL

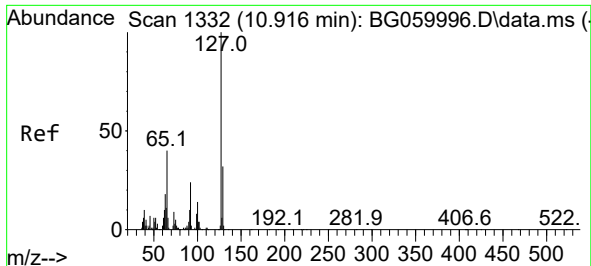
Tgt Ion: 82 Resp: 52429
Ion Ratio Lower Upper
82 100
128 28.6 26.3 39.5
54 63.0 44.3 66.5



#31
Naphthalene
Concen: 91.979 ng
RT: 10.812 min Scan# 1314
Delta R.T. -0.002 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:128 Resp: 1078274
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 13.7 9.7 14.5

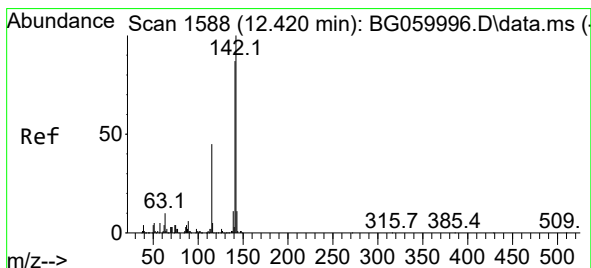
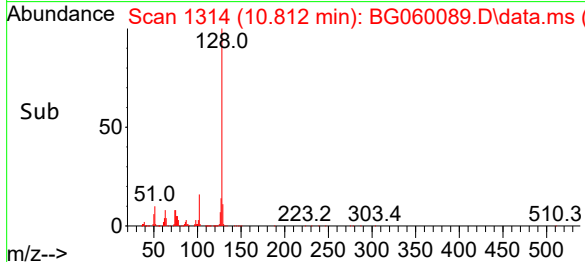
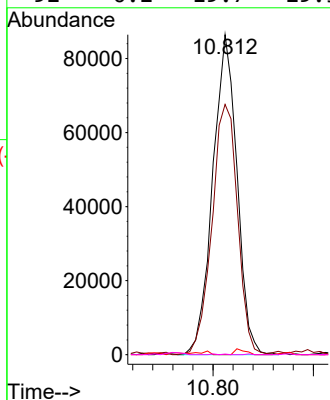
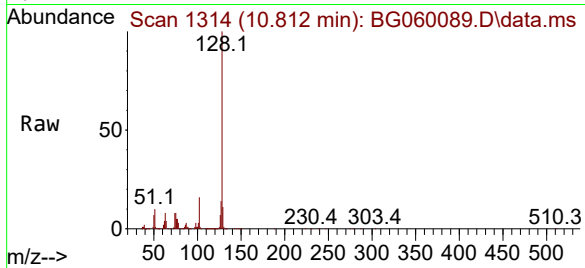




#33
4-Chloroaniline
Concen: 32.436 ng
RT: 10.812 min Scan# 11
Delta R.T. -0.102 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

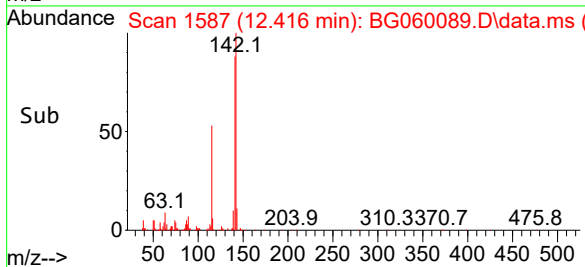
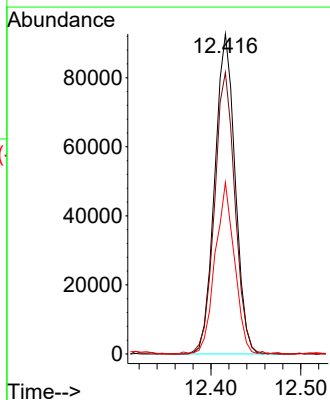
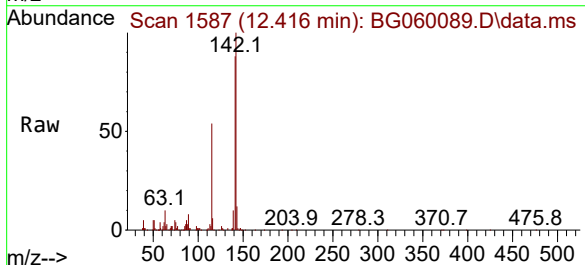
Instrument :
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ClientSampleId :
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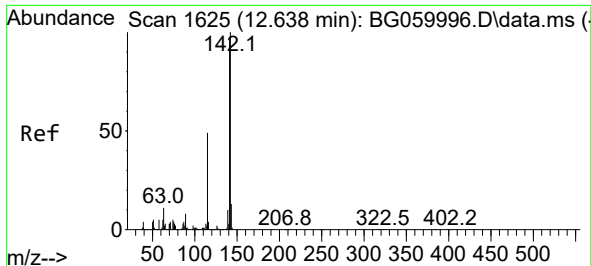
Tgt Ion:	127	Resp:	144687
Ion	Ratio	Lower	Upper
127	100		
129	78.2	25.7	38.5#
65	0.0	32.3	48.5#
92	0.2	19.7	29.5#



#37
2-Methylnaphthalene
Concen: 15.868 ng
RT: 12.416 min Scan# 1587
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:	142	Resp:	145900
Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.9	104.9
115	53.6	36.1	54.1

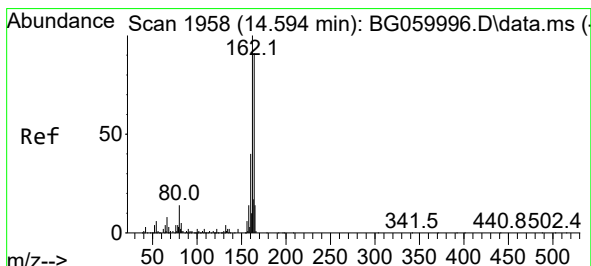
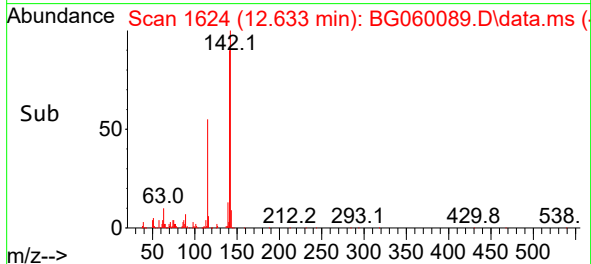
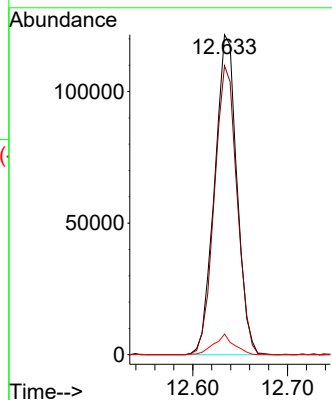
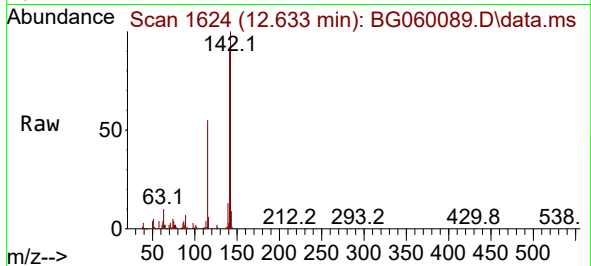




#38
1-Methylnaphthalene
Concen: 21.842 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

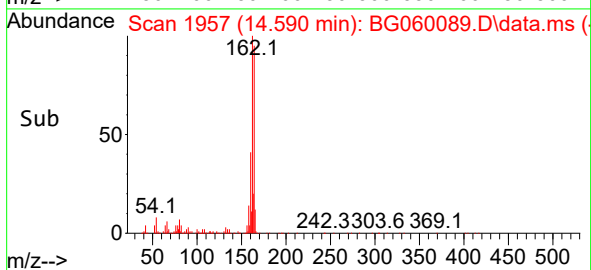
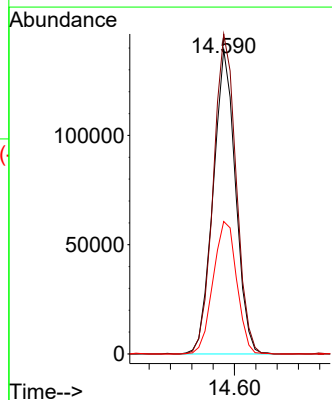
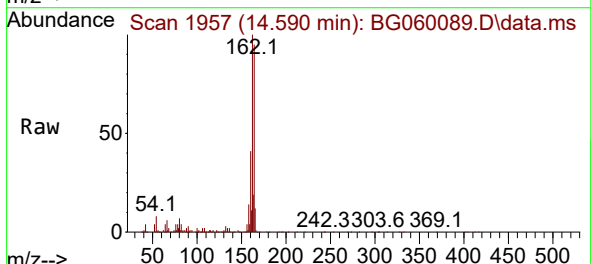
Instrument :
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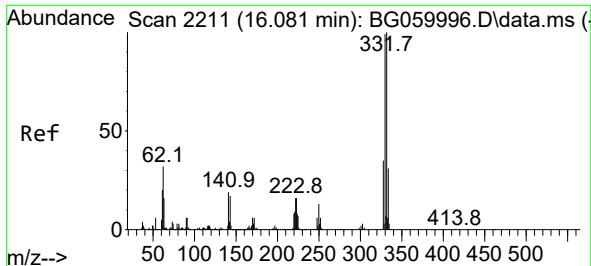
Tgt Ion:142 Resp: 198379
Ion Ratio Lower Upper
142 100
141 90.3 76.9 115.3
116 6.5 3.5 5.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.590 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:164 Resp: 202878
Ion Ratio Lower Upper
164 100
162 105.1 88.1 132.1
160 43.5 35.4 53.0

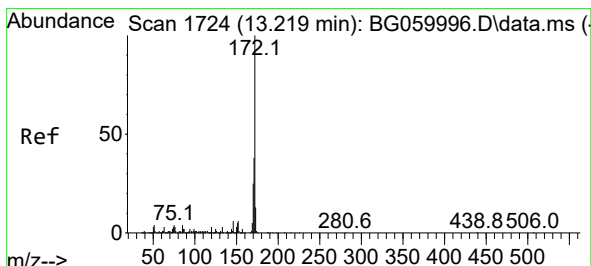
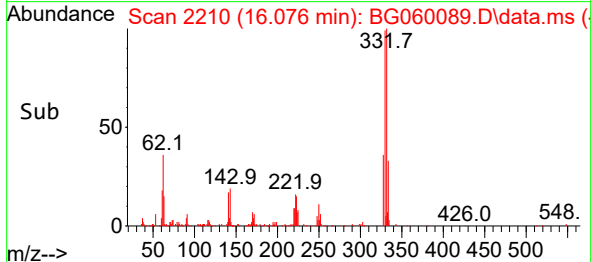
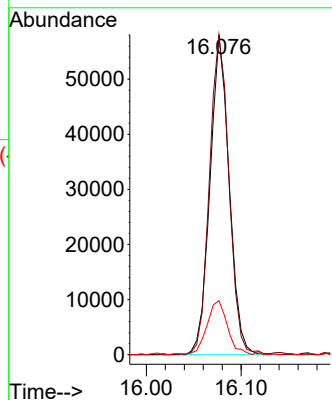
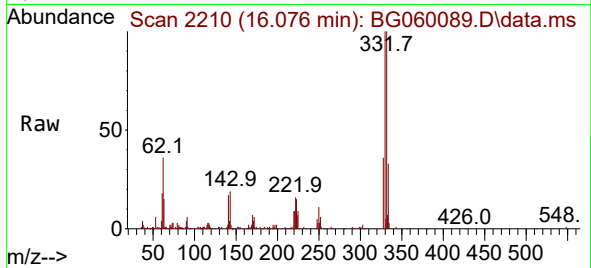




#42
2,4,6-Tribromophenol
Concen: 17.205 ng
RT: 16.076 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

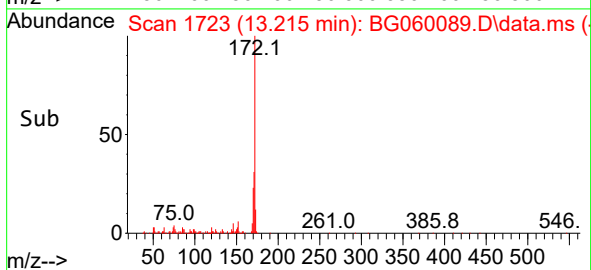
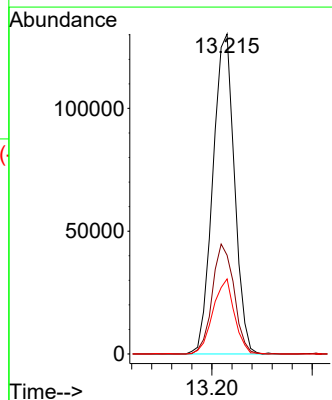
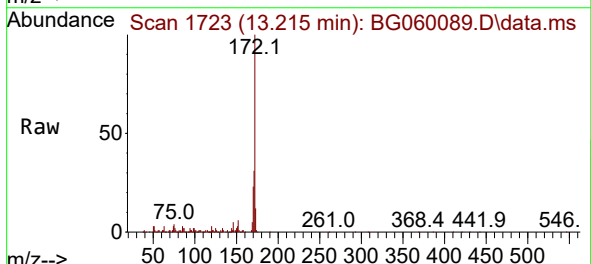
Instrument :
BNA_G
ClientSampleId :
MW-14DL

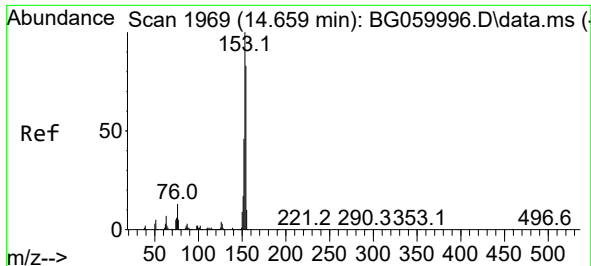
Tgt Ion:330 Resp: 81344
Ion Ratio Lower Upper
330 100
332 101.6 76.2 114.4
141 18.2 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 11.727 ng
RT: 13.215 min Scan# 1723
Delta R.T. -0.002 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:172 Resp: 194394
Ion Ratio Lower Upper
172 100
171 30.9 30.1 45.1
170 23.5 20.0 30.0

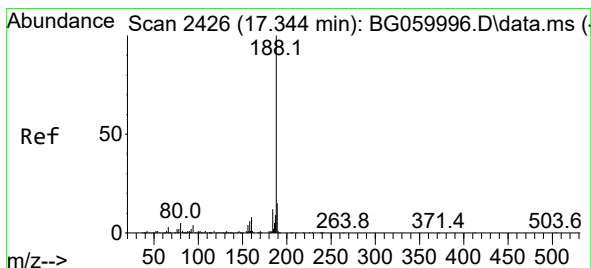
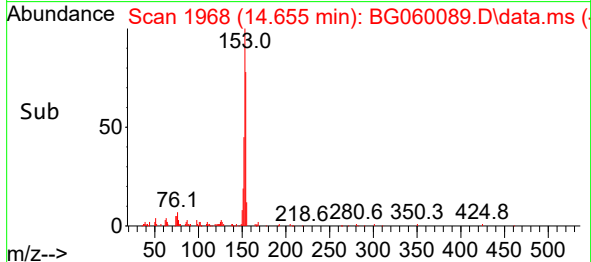
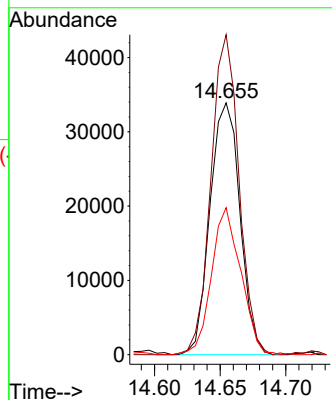
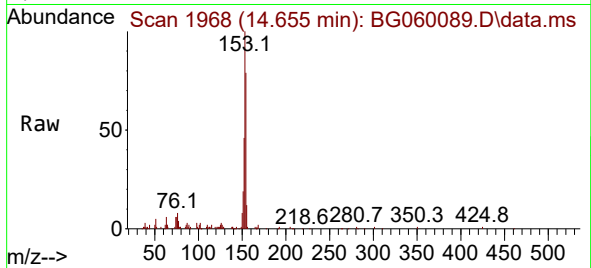




#52
Acenaphthene
Concen: 4.383 ng
RT: 14.655 min Scan# 1968
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

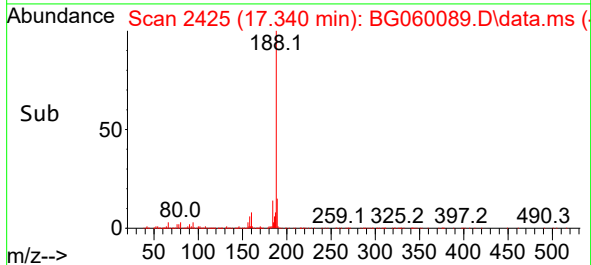
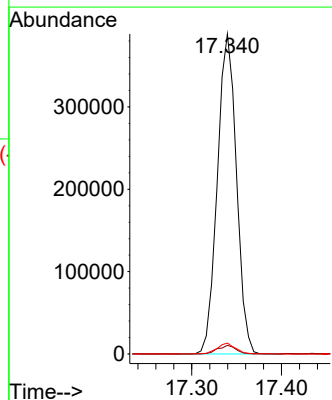
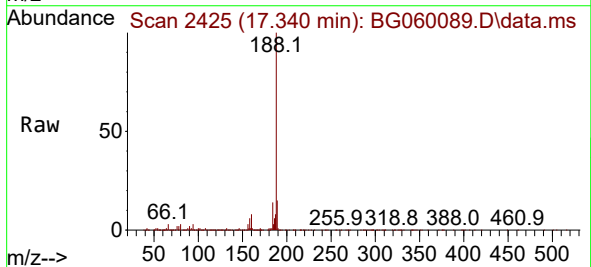
Instrument :
BNA_G
ClientSampleId :
MW-14DL

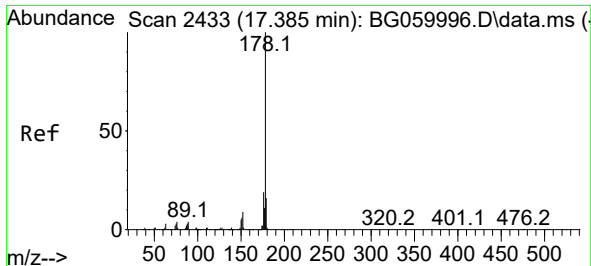
Tgt Ion:154 Resp: 53771
Ion Ratio Lower Upper
154 100
153 127.1 96.0 144.0
152 58.4 44.3 66.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.340 min Scan# 2425
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:188 Resp: 573705
Ion Ratio Lower Upper
188 100
94 2.7 3.0 4.6#
80 3.4 4.0 6.0#

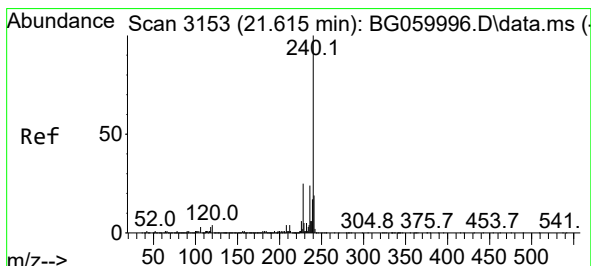
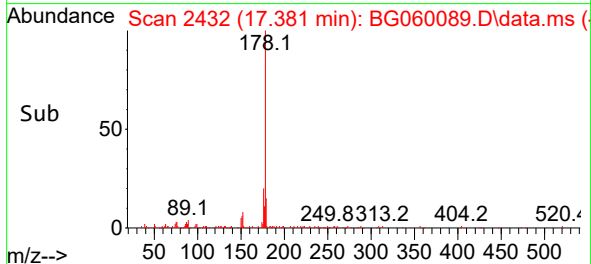
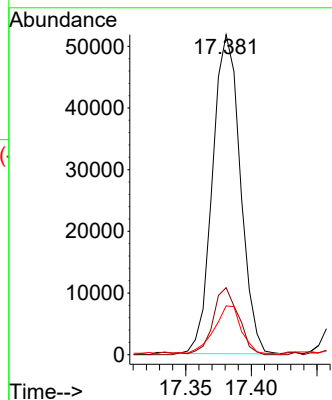
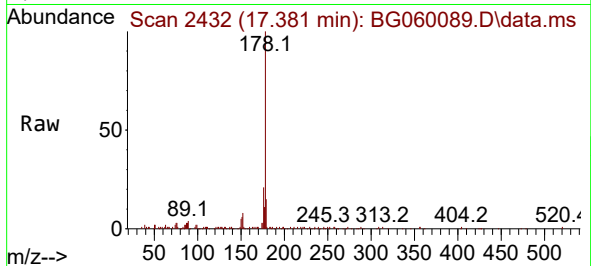




#71
Phenanthrene
Concen: 2.741 ng
RT: 17.381 min Scan# 2433
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

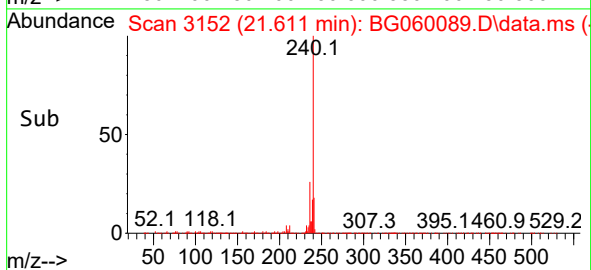
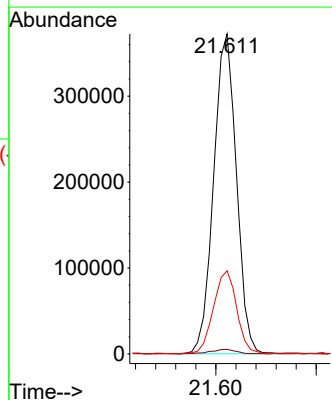
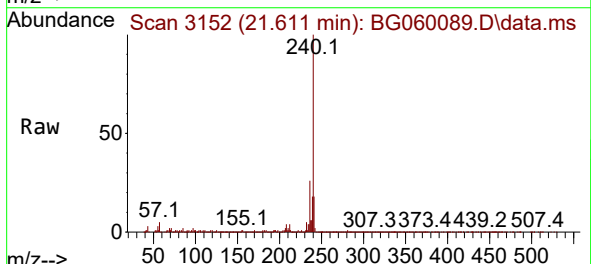
Instrument :
BNA_G
ClientSampleId :
MW-14DL

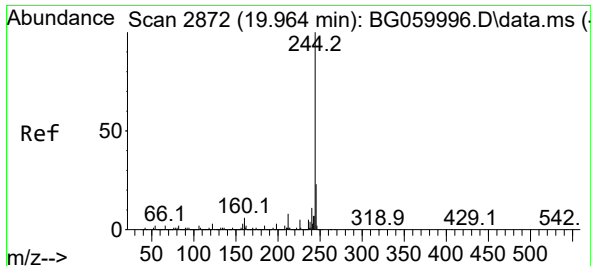
Tgt Ion:178 Resp: 76166
Ion Ratio Lower Upper
178 100
176 21.0 15.6 23.4
179 15.3 12.6 19.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.611 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060089.D
Acq: 19 Dec 2023 17:27

Tgt Ion:240 Resp: 585230
Ion Ratio Lower Upper
240 100
120 1.4 2.9 4.3#
236 26.0 19.4 29.2

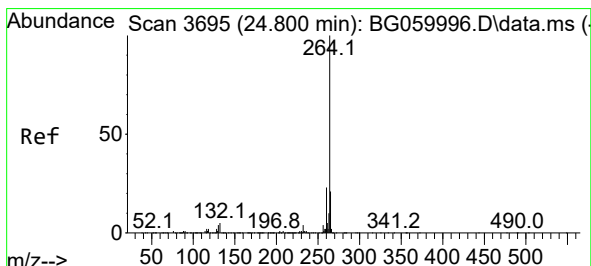
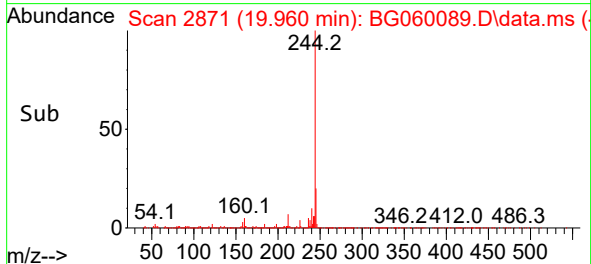
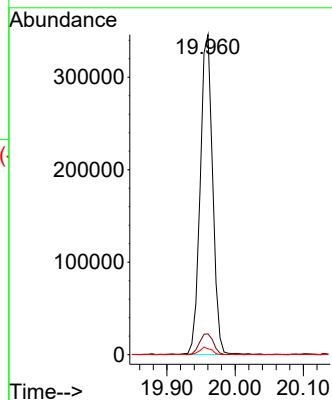
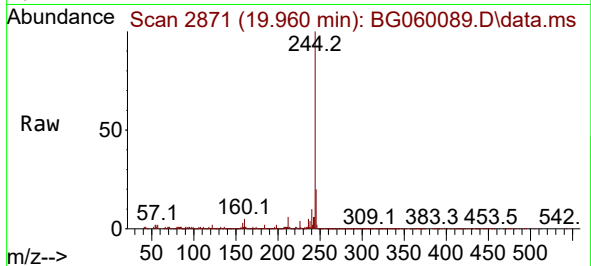




#79
 Terphenyl-d14
 Concen: 13.607 ng
 RT: 19.960 min Scan# 2872
 Delta R.T. -0.008 min
 Lab File: BG060089.D
 Acq: 19 Dec 2023 17:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL

Tgt Ion:244 Resp: 436168
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.8 10.2#
 122 1.9 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.802 min Scan# 3695
 Delta R.T. -0.014 min
 Lab File: BG060089.D
 Acq: 19 Dec 2023 17:27

Tgt Ion:264 Resp: 688326
 Ion Ratio Lower Upper
 264 100
 260 21.1 18.5 27.7
 265 21.7 17.3 25.9

