

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060209.D
 Acq On : 3 Jan 2024 1:55
 Operator : MA/JU
 Sample : 05900-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 05:05:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

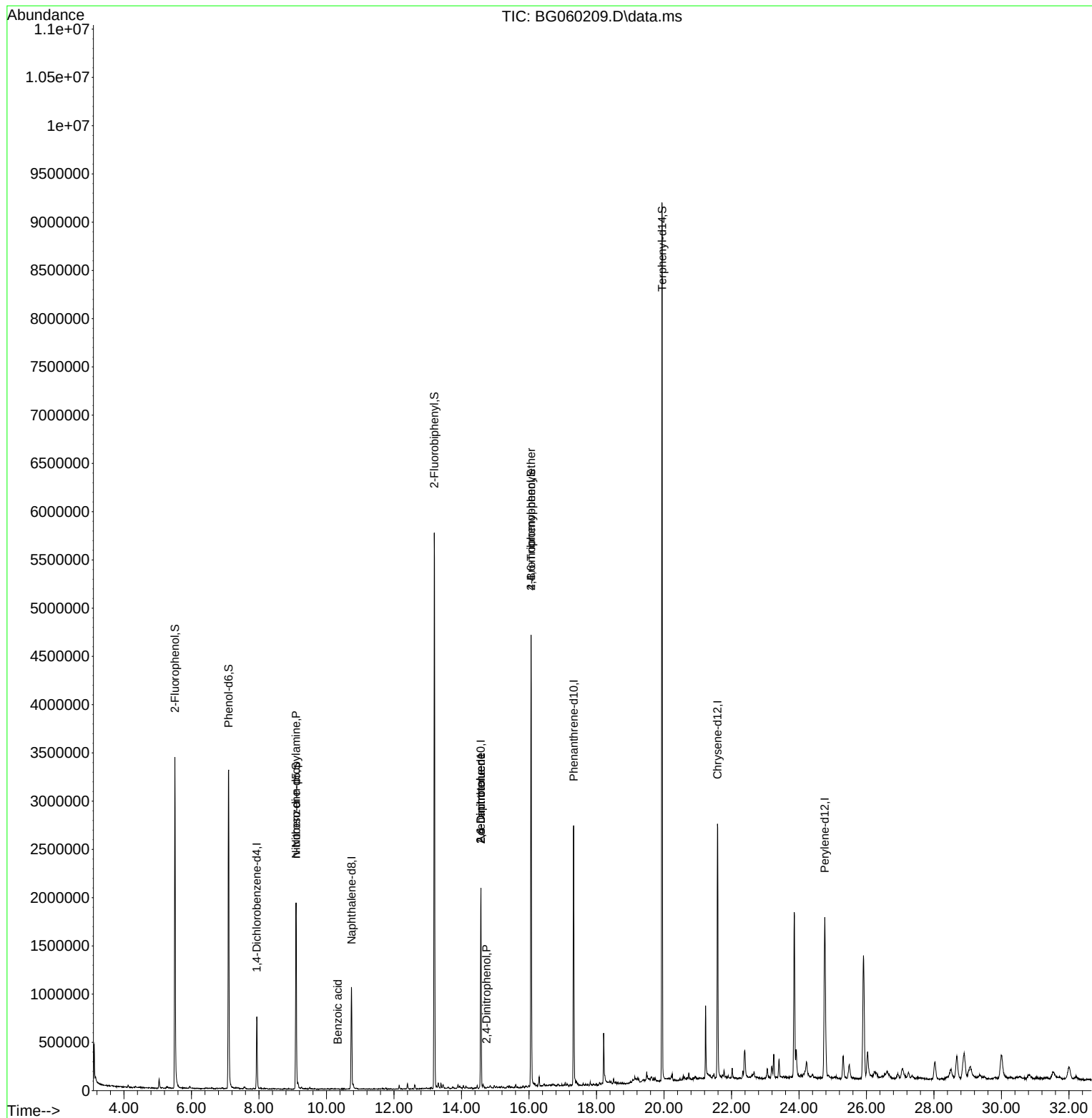
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	239105	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	959929	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	729513	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1842856	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1612959	20.000	ng	0.00
86) Perylene-d12	24.764	264	1765502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1654829	104.460	ng	0.00
7) Phenol-d6	7.096	99	2219121	94.345	ng	0.00
23) Nitrobenzene-d5	9.100	82	1313529	63.204	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	966008	98.923	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	3222105	63.479	ng	0.00
79) Terphenyl-d14	19.946	244	4459730	53.156	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.100	70	161046	10.022	ng	# 81
32) Benzoic acid	10.333	122	233	10.290	ng	# 84
51) 2,6-Dinitrotoluene	14.576	165	97707	8.340	ng	# 30
54) 2,4-Dinitrophenol	14.746	184	77	8.246	ng	# 57
57) 2,4-Dinitrotoluene	14.576	165	97707	6.134	ng	# 27
67) 4-Bromophenyl-phenylether	16.062	248	56745	2.904	ng	# 1

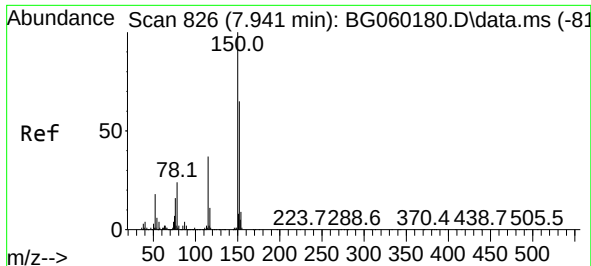
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 05:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

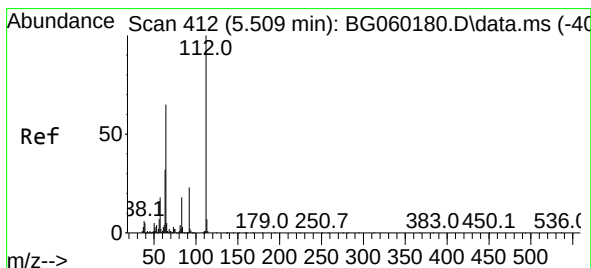
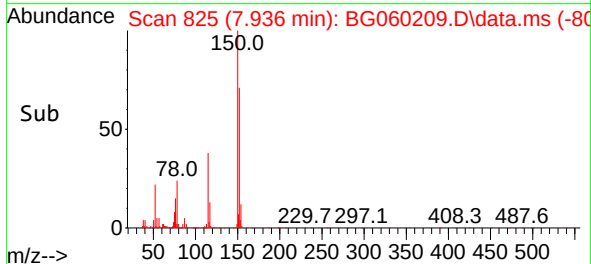
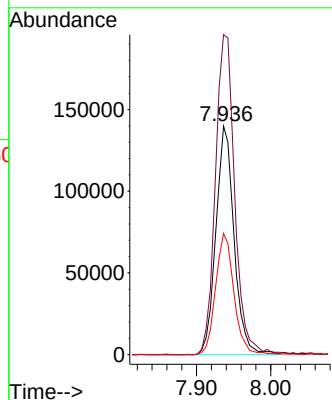
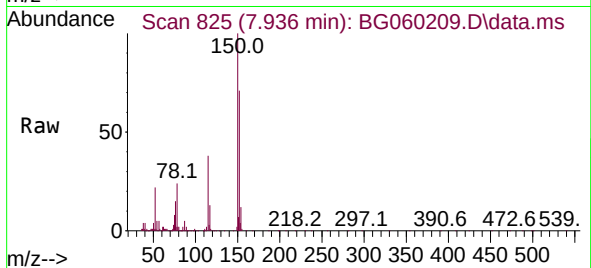




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

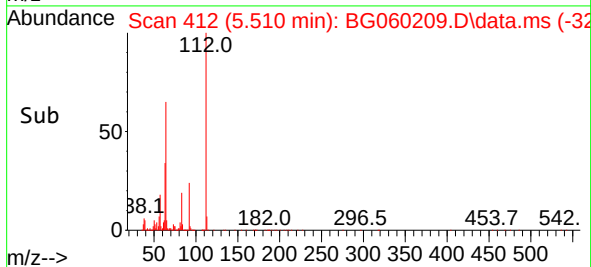
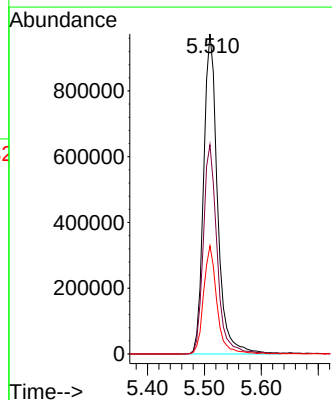
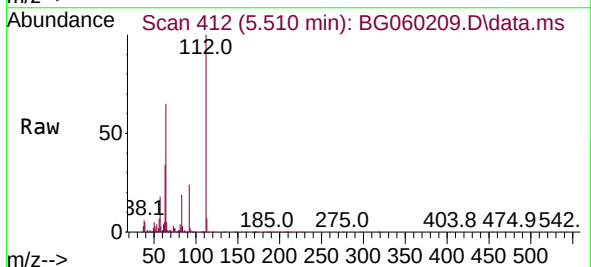
Instrument :
BNA_G
ClientSampleId :

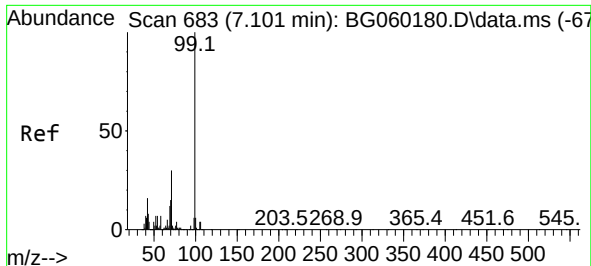
Tgt Ion:152 Resp: 239105
Ion Ratio Lower Upper
152 100
150 139.9 123.4 185.0
115 53.0 45.4 68.0



#5
2-Fluorophenol
Concen: 104.460 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Tgt Ion:112 Resp: 1654829
Ion Ratio Lower Upper
112 100
64 65.4 52.2 78.4
63 33.8 25.4 38.0

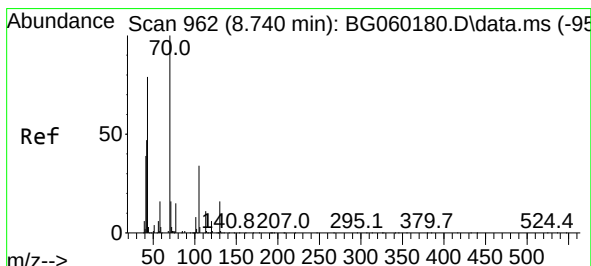
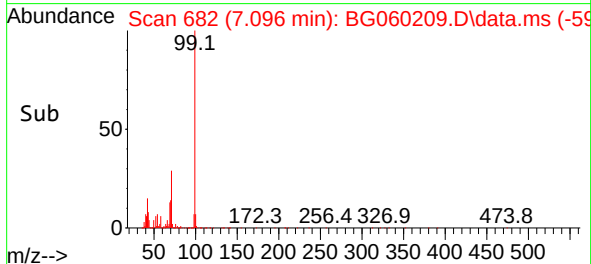
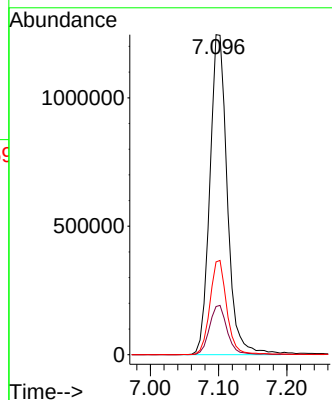
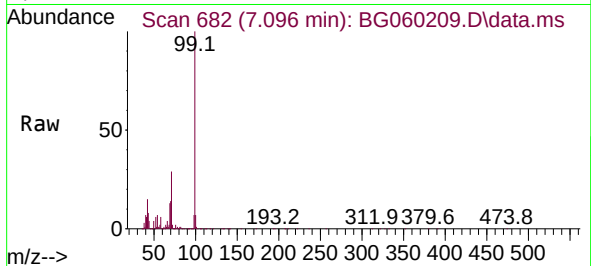




#7
Phenol-d6
Concen: 94.345 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

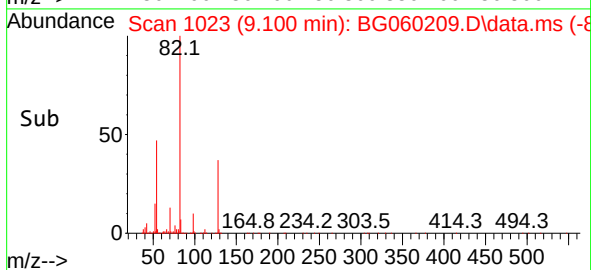
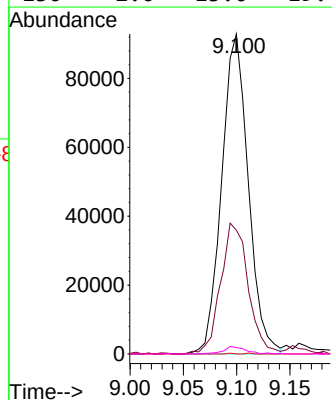
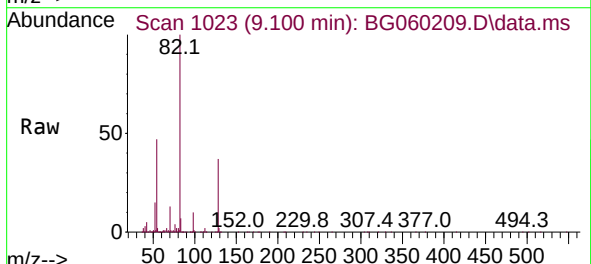
Instrument :
BNA_G
ClientSampleId :

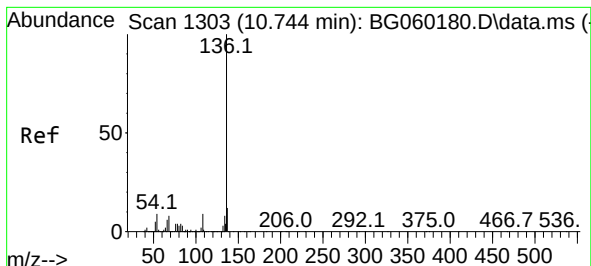
Tgt Ion: 99 Resp: 2219121
Ion Ratio Lower Upper
99 100
42 15.1 12.5 18.7
71 29.0 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.022 ng
RT: 9.100 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Tgt Ion: 70 Resp: 161046
Ion Ratio Lower Upper
70 100
42 38.7 37.9 56.9
101 0.0 6.2 9.2#
130 2.0 13.0 19.4#

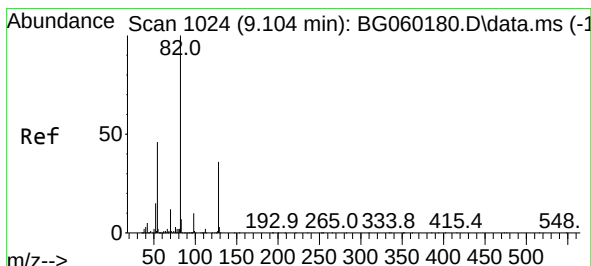
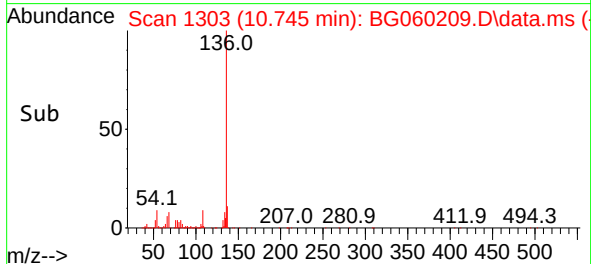
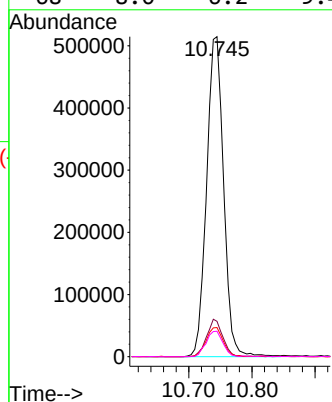
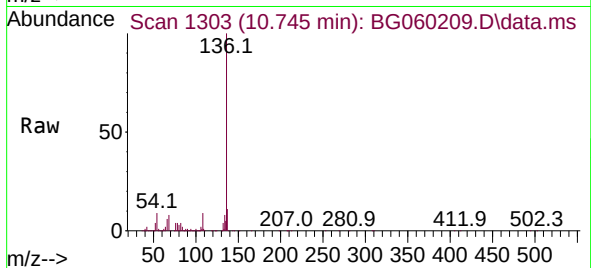




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

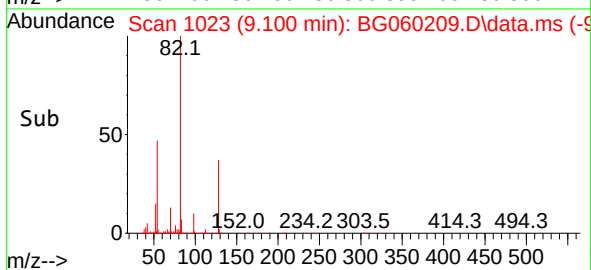
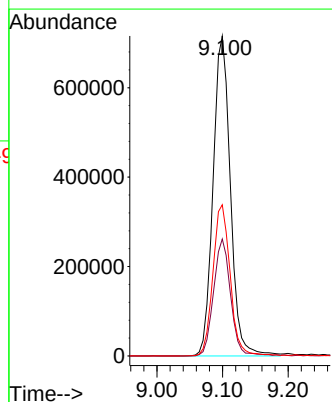
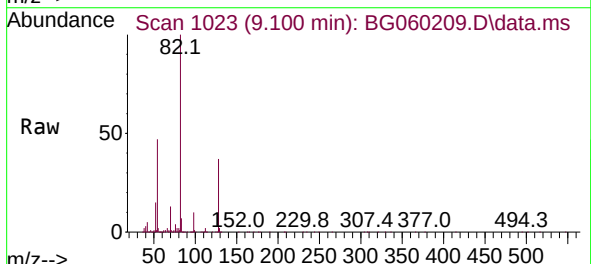
Instrument :
BNA_G
ClientSampleId :

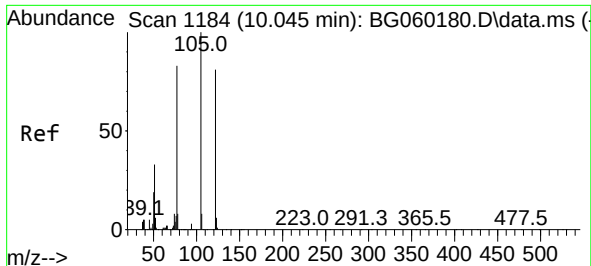
Tgt Ion:	136	Resp:	959929
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	9.1	7.4	11.2
68	8.0	6.2	9.4



#23
Nitrobenzene-d5
Concen: 63.204 ng
RT: 9.100 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

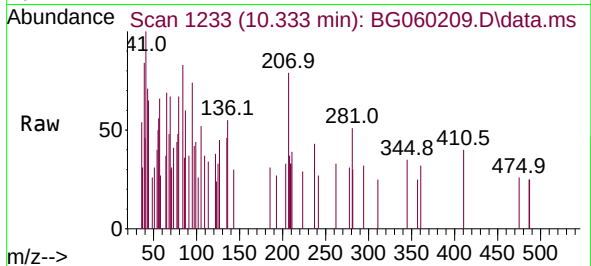
Tgt Ion:	82	Resp:	1313529
Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.7	43.1
54	47.2	36.9	55.3



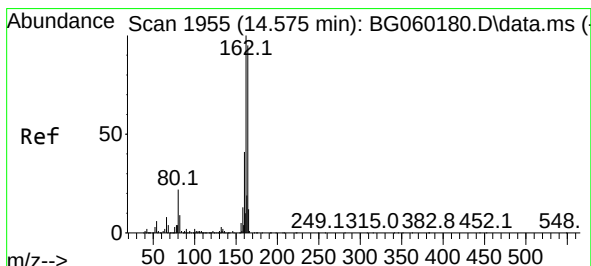
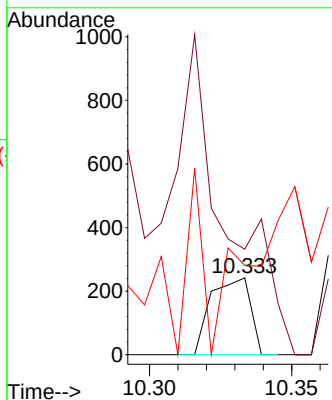
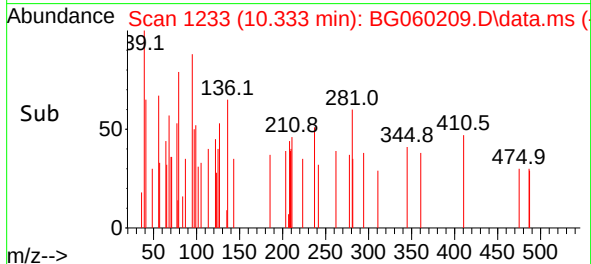


#32
Benzoic acid
Concen: 10.290 ng
RT: 10.333 min Scan# 1184
Delta R.T. 0.288 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Instrument :
BNA_G
ClientSampleId :

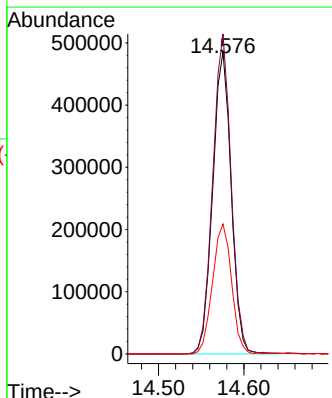
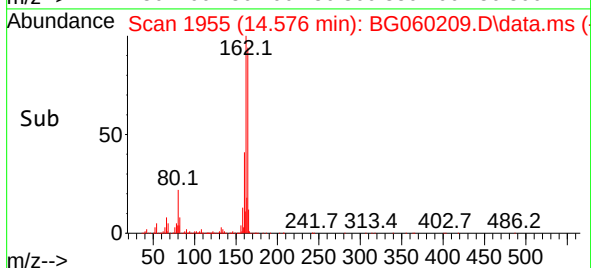
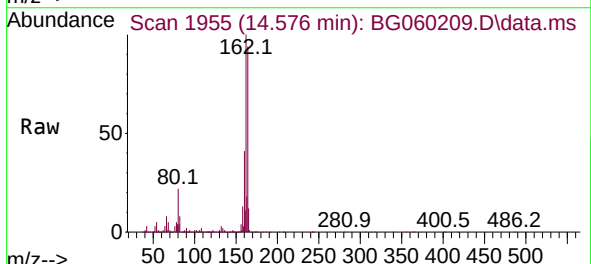


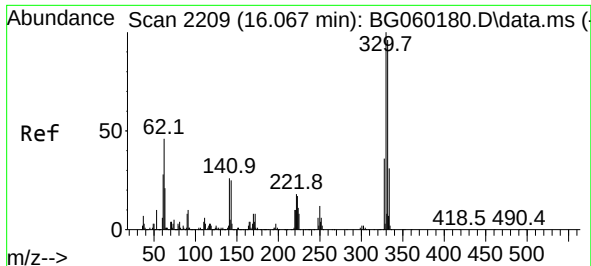
Tgt Ion:122 Resp: 233
Ion Ratio Lower Upper
122 100
105 137.2 99.2 139.2
77 116.1 81.0 121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Tgt Ion:164 Resp: 729513
Ion Ratio Lower Upper
164 100
162 105.9 83.9 125.9
160 43.0 34.2 51.4

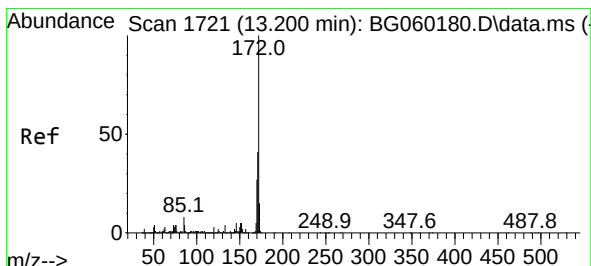
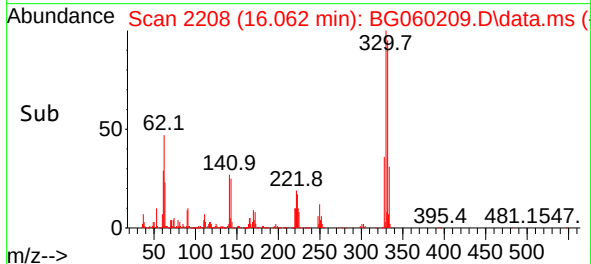
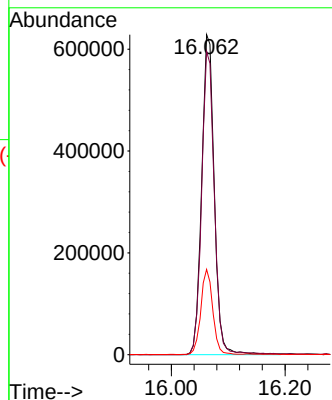
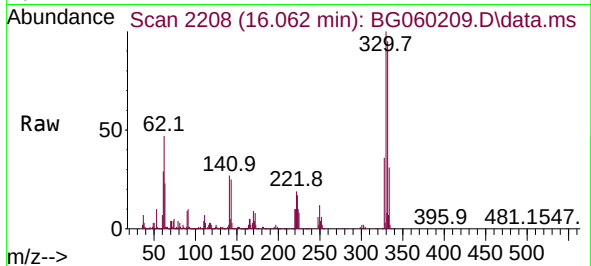




#42
2,4,6-Tribromophenol
Concen: 98.923 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

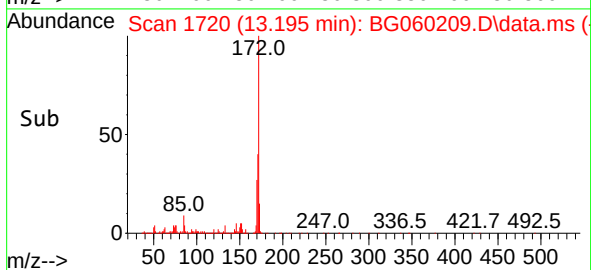
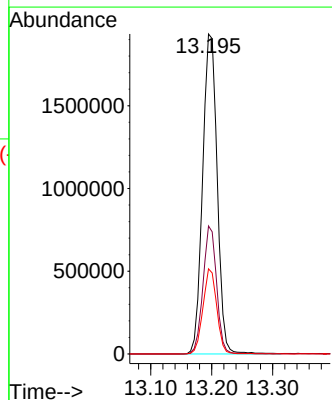
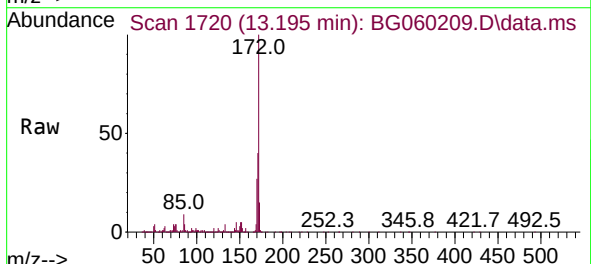
Instrument :
BNA_G
ClientSampleId :

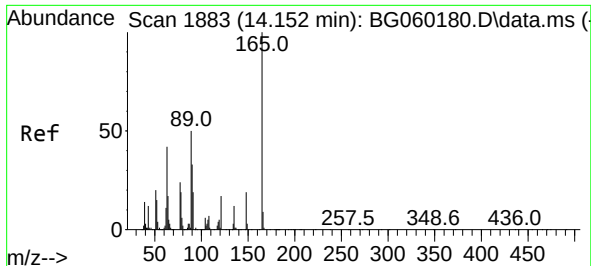
Tgt Ion:330 Resp: 966008
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 25.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 63.479 ng
RT: 13.195 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

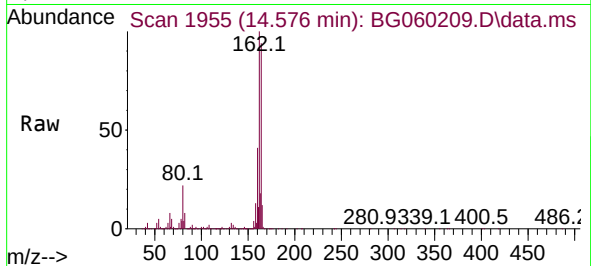
Tgt Ion:172 Resp: 3222105
Ion Ratio Lower Upper
172 100
171 40.0 32.6 48.8
170 26.6 21.8 32.6



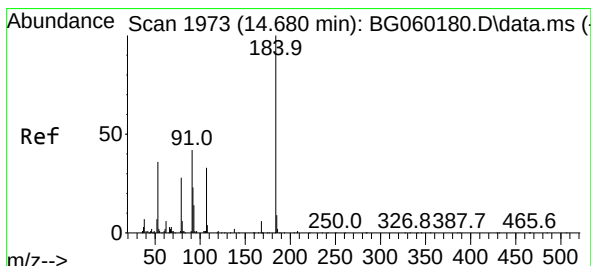
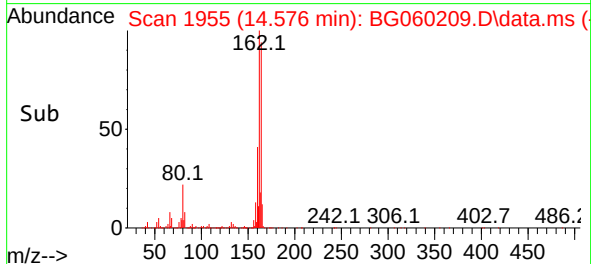
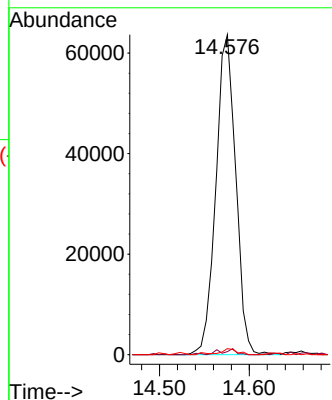


#51
2,6-Dinitrotoluene
Concen: 8.340 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.424 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Instrument :
BNA_G
ClientSampleId :

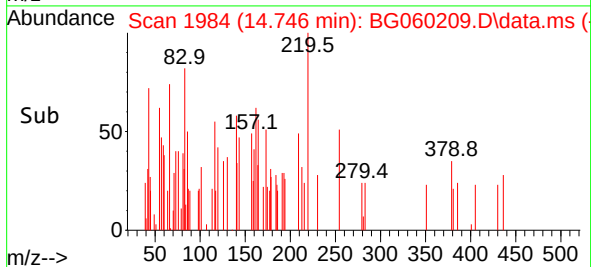
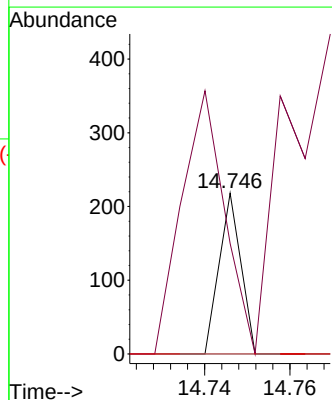
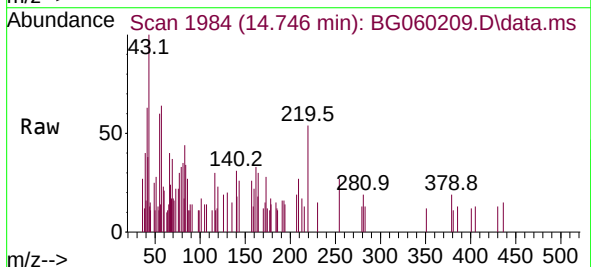


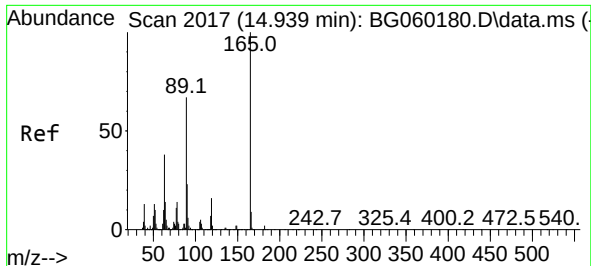
Tgt Ion:165 Resp: 97707
Ion Ratio Lower Upper
165 100
63 1.0 39.3 58.9#
89 1.9 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.246 ng
RT: 14.746 min Scan# 1984
Delta R.T. 0.066 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

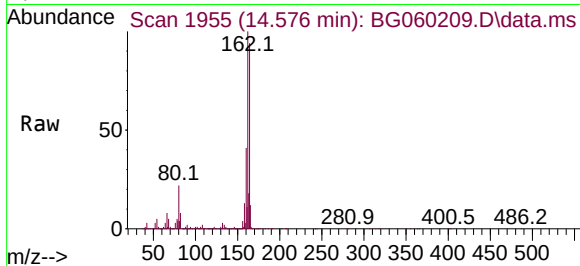
Tgt Ion:184 Resp: 77
Ion Ratio Lower Upper
184 100
63 68.8 45.4 68.2#
154 0.0 40.0 60.0#



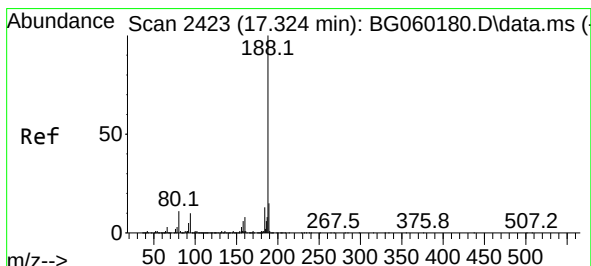
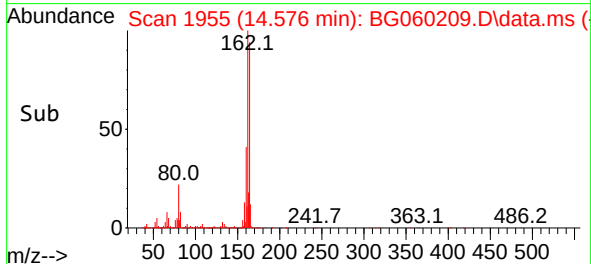
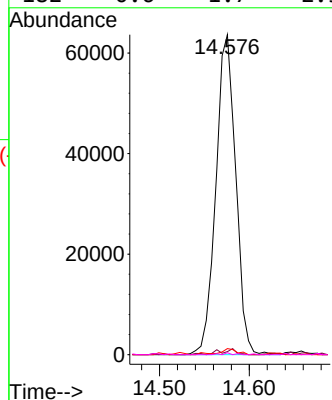


#57
2,4-Dinitrotoluene
Concen: 6.134 ng
RT: 14.576 min Scan# 1955
Delta R.T. -0.363 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Instrument :
BNA_G
ClientSampleId :

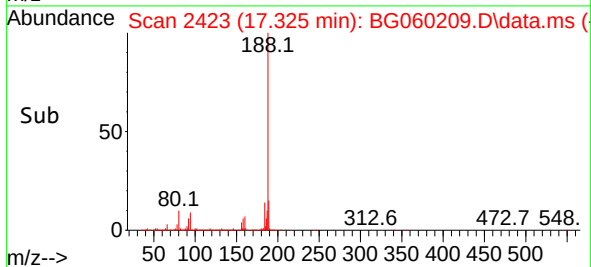
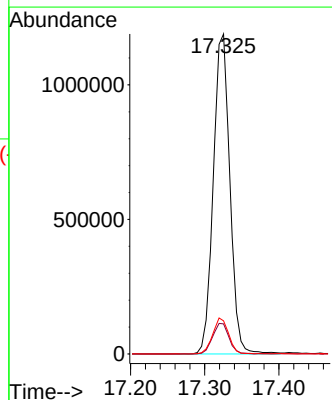
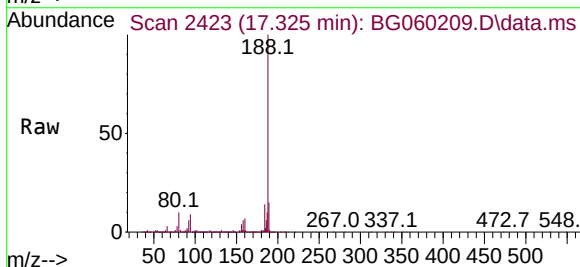


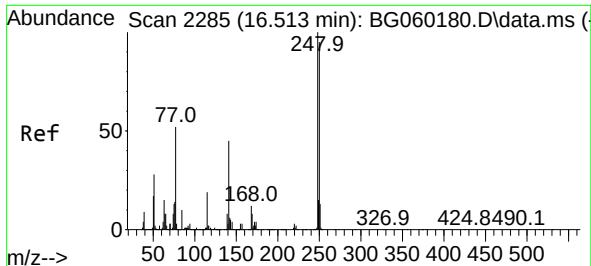
Tgt Ion:165 Resp: 97707
Ion Ratio Lower Upper
165 100
63 1.0 31.0 46.6#
89 1.9 53.3 79.9#
182 0.6 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

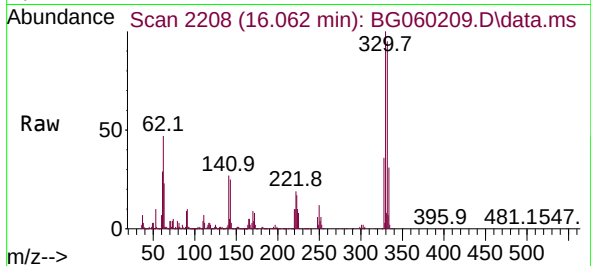
Tgt Ion:188 Resp: 1842856
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.4 8.6 13.0



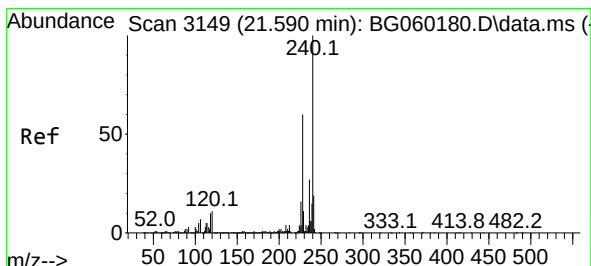
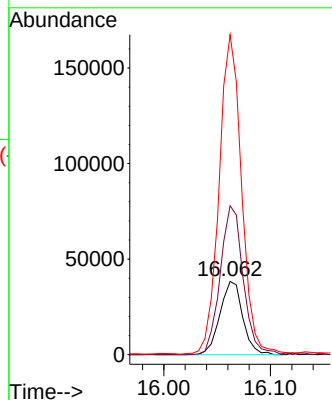
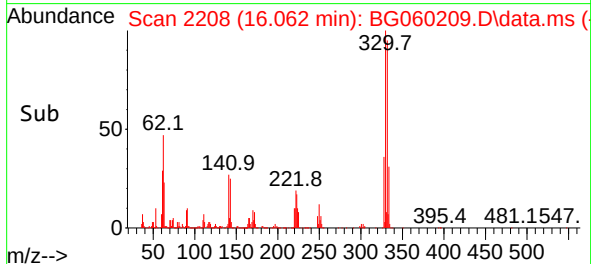


#67
4-Bromophenyl-phenylether
Concen: 2.904 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Instrument :
BNA_G
ClientSampleId :

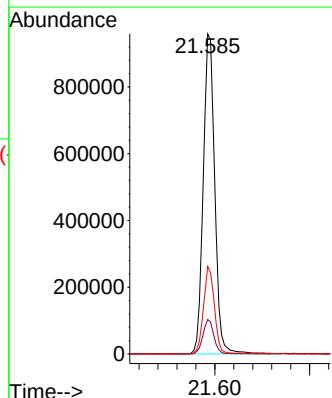
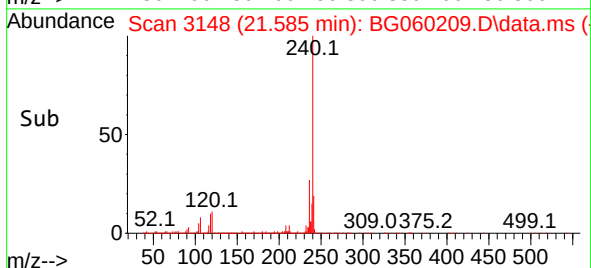
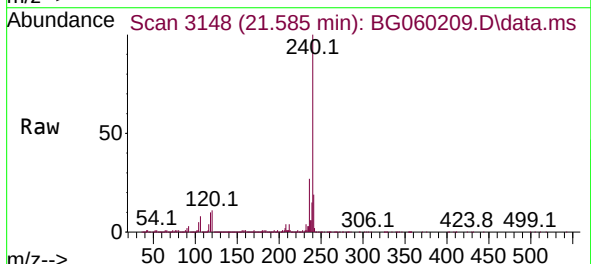


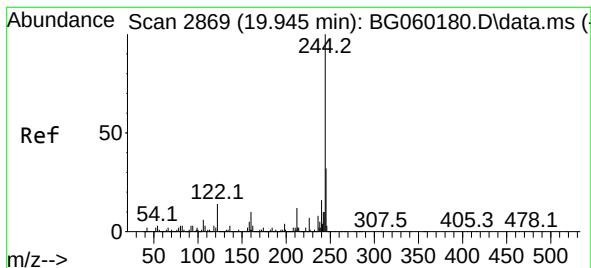
Tgt Ion:248 Resp: 56745
Ion Ratio Lower Upper
248 100
250 203.0 76.2 114.4#
141 436.4 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Tgt Ion:240 Resp: 1612959
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 27.4 21.4 32.2





#79

Terphenyl-d14

Concen: 53.156 ng

RT: 19.946 min Scan# 21

Delta R.T. 0.001 min

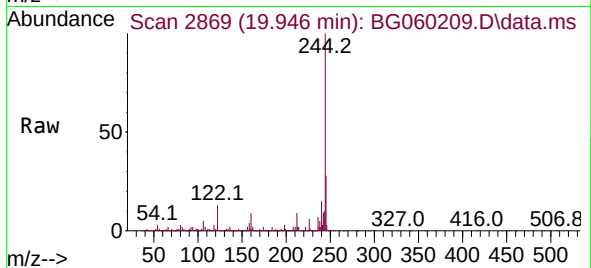
Lab File: BG060209.D

Acq: 3 Jan 2024 1:55

Instrument :

BNA_G

ClientSampleId :



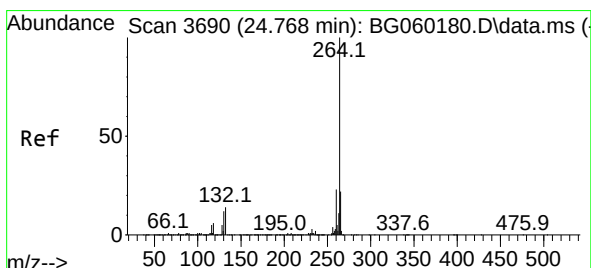
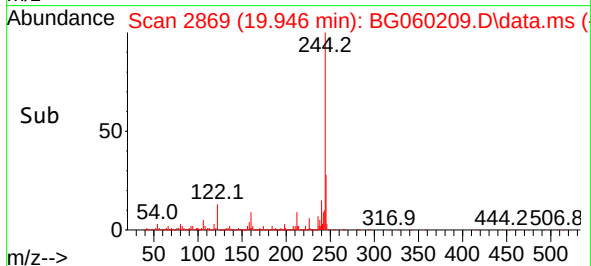
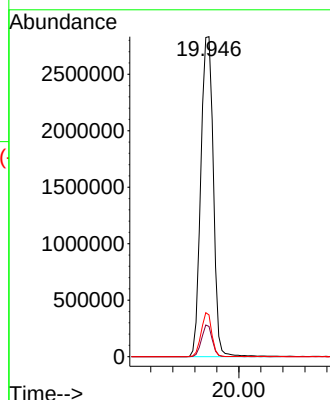
Tgt Ion:244 Resp: 4459730

Ion Ratio Lower Upper

244 100

212 9.4 9.5 14.3#

122 13.0 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.764 min Scan# 3689

Delta R.T. -0.005 min

Lab File: BG060209.D

Acq: 3 Jan 2024 1:55

Tgt Ion:264 Resp: 1765502

Ion Ratio Lower Upper

264 100

260 23.3 18.0 27.0

265 21.4 17.4 26.0

