

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060188.D
 Acq On : 2 Jan 2024 10:29
 Operator : MA/JU
 Sample : PB158159BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 11:03:30 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)

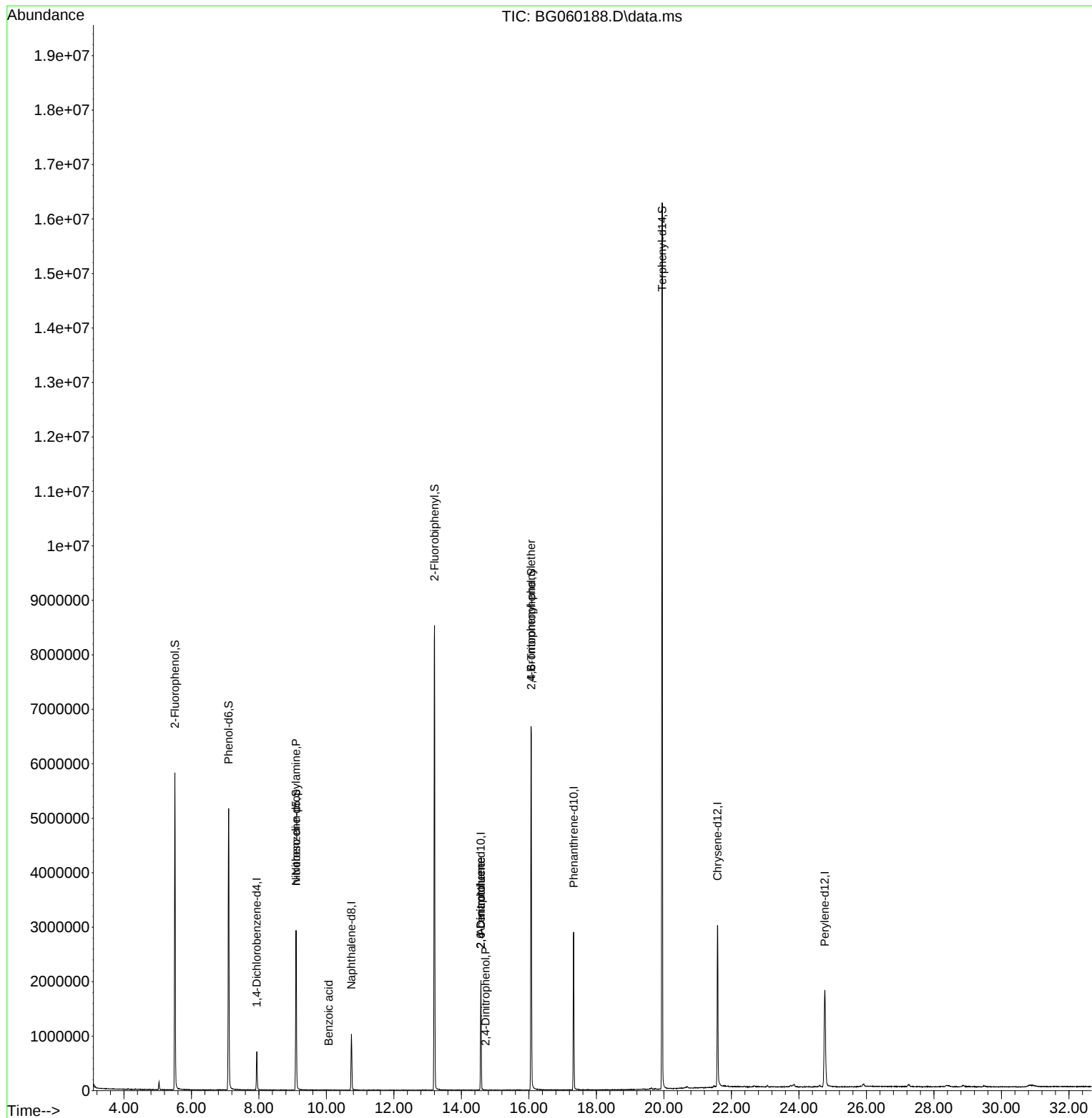
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	216033	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	912551	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	705616	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1900130	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1813434	20.000	ng	0.00
86) Perylene-d12	24.765	264	2018954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2586240	180.691	ng	0.00
7) Phenol-d6	7.104	99	3326779	156.542	ng	0.00
23) Nitrobenzene-d5	9.101	82	1952714	98.839	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	1418642	150.194	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	4537045	92.412	ng	0.00
79) Terphenyl-d14	19.947	244	6470370	68.595	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	239958	16.528	ng	# 85
32) Benzoic acid	10.065	122	129	10.282	ng	# 39
51) 2,6-Dinitrotoluene	14.571	165	94658	8.354	ng	# 30
54) 2,4-Dinitrophenol	14.712	184	65	8.245	ng	# 25
57) 2,4-Dinitrotoluene	14.571	165	94658	6.143	ng	# 27
67) 4-Bromophenyl-phenylether	16.064	248	84930	4.216	ng	# 1

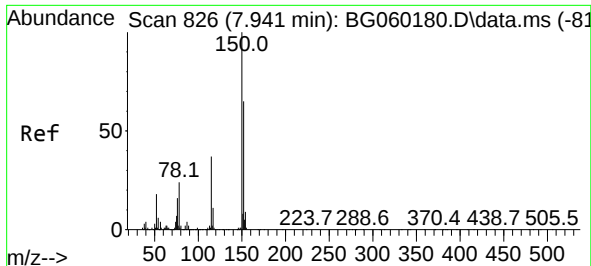
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

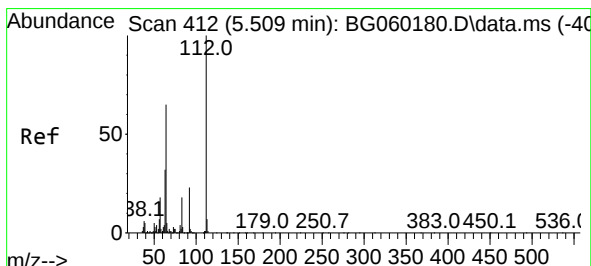
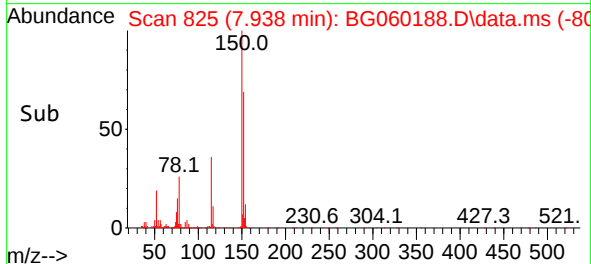
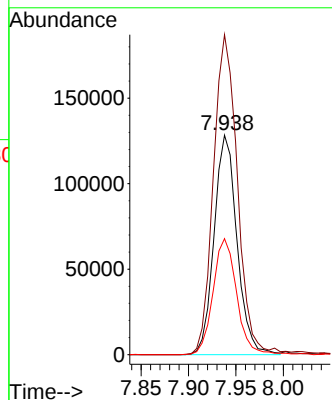
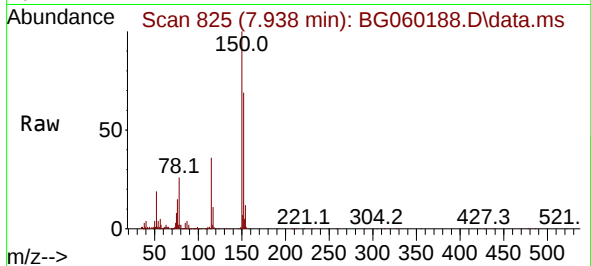




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

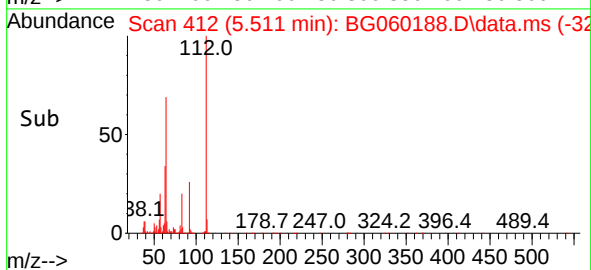
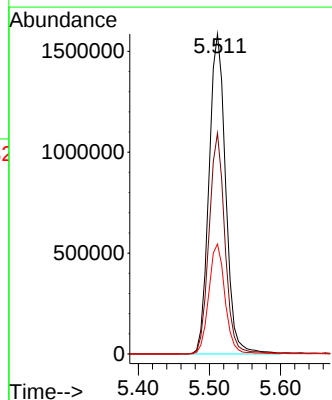
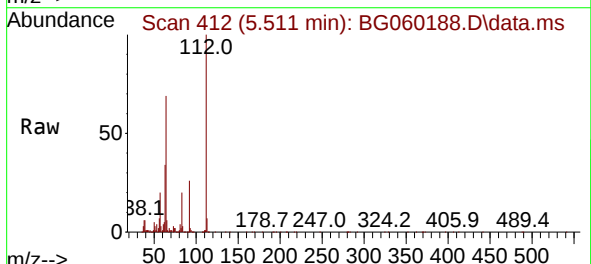
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 216033
Ion Ratio Lower Upper
152 100
150 145.8 123.4 185.0
115 52.9 45.4 68.0



#5
2-Fluorophenol
Concen: 180.691 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:112 Resp: 2586240
Ion Ratio Lower Upper
112 100
64 69.0 52.2 78.4
63 34.3 25.4 38.0

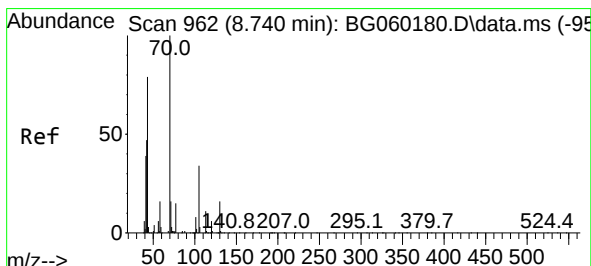
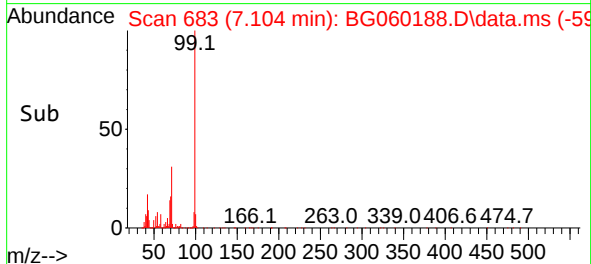
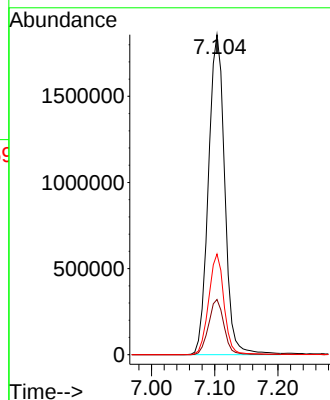
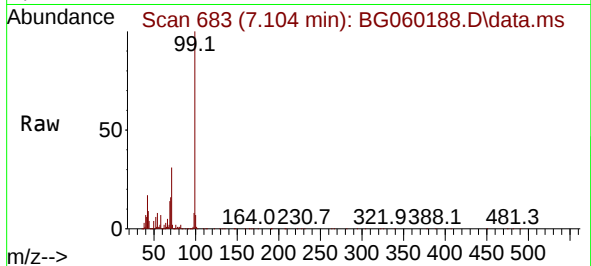




#7
Phenol-d6
Concen: 156.542 ng
RT: 7.104 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

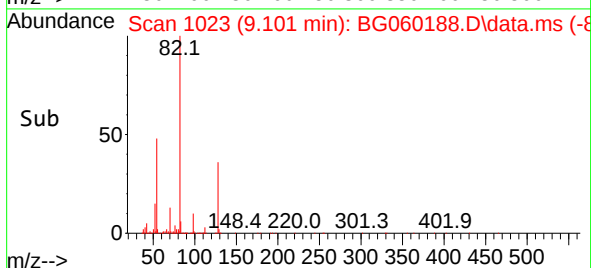
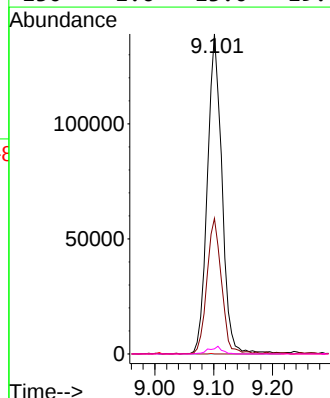
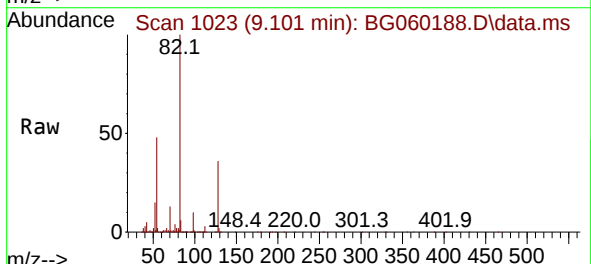
Instrument :
BNA_G
ClientSampleId :

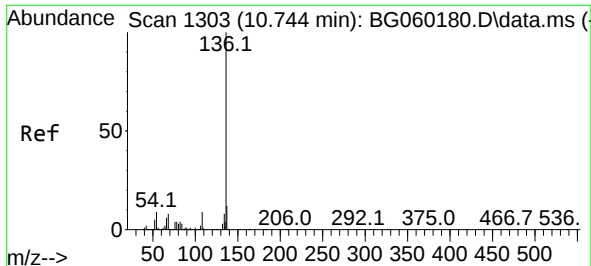
Tgt Ion: 99 Resp: 3326779
Ion Ratio Lower Upper
99 100
42 17.2 12.5 18.7
71 31.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.528 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.361 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion: 70 Resp: 239958
Ion Ratio Lower Upper
70 100
42 42.3 37.9 56.9
101 0.0 6.2 9.2#
130 1.6 13.0 19.4#

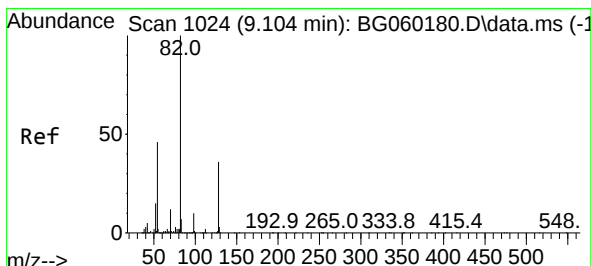
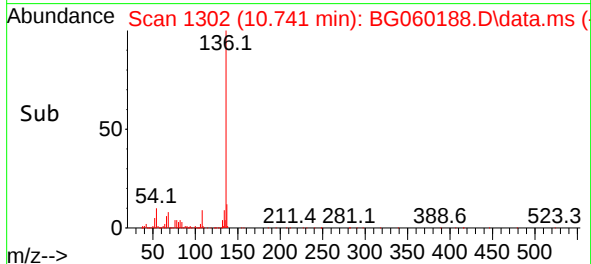
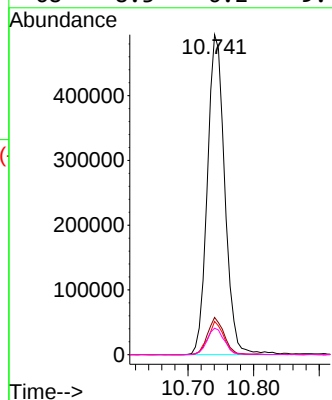
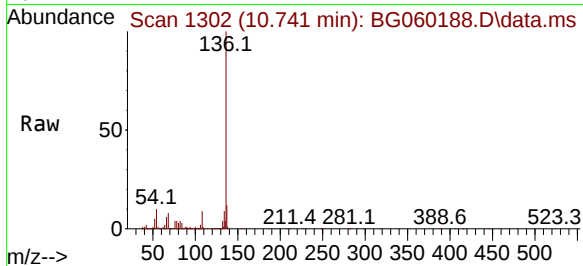




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

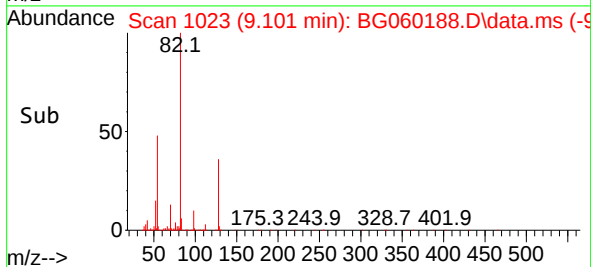
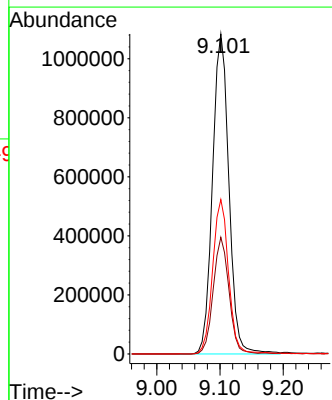
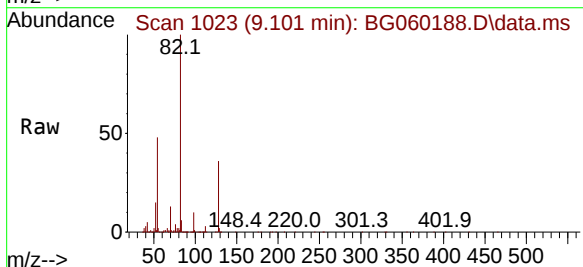
Instrument :
BNA_G
ClientSampleId :

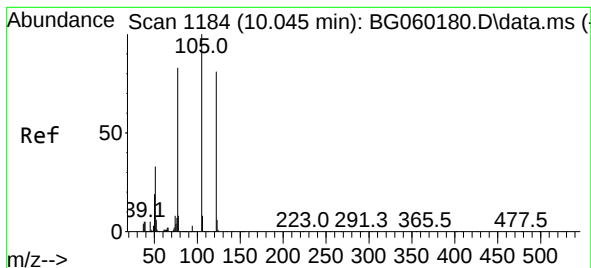
Tgt Ion:136 Resp: 912551
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 10.4 7.4 11.2
68 8.3 6.2 9.4



#23
Nitrobenzene-d5
Concen: 98.839 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion: 82 Resp: 1952714
Ion Ratio Lower Upper
82 100
128 36.4 28.7 43.1
54 48.2 36.9 55.3

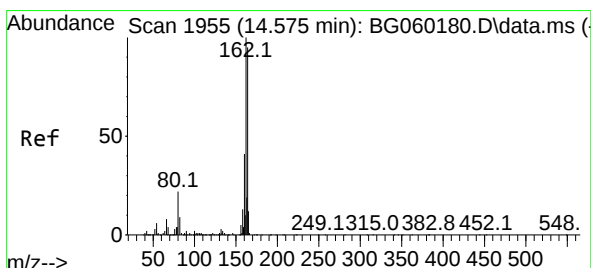
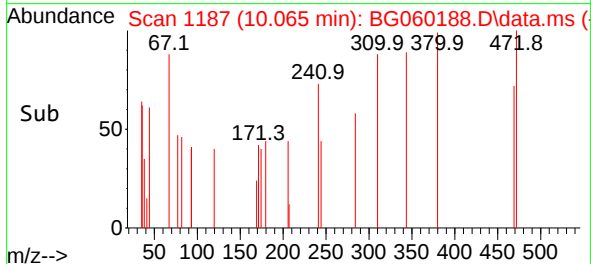
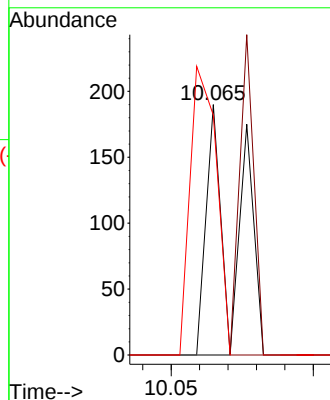
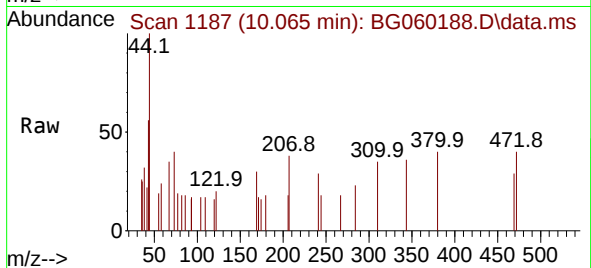




#32
Benzoic acid
Concen: 10.282 ng
RT: 10.065 min Scan# 1187
Delta R.T. 0.020 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

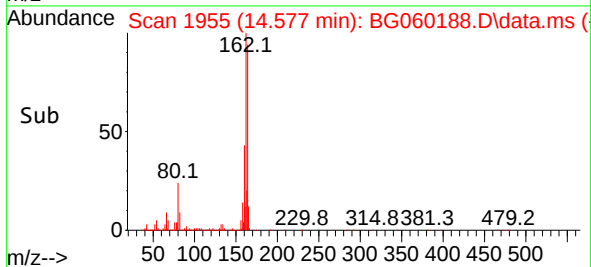
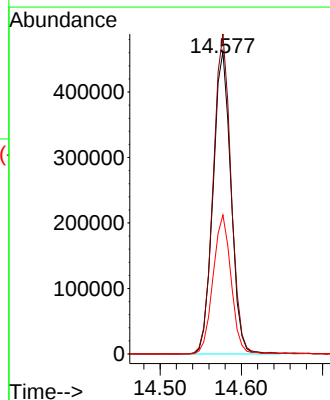
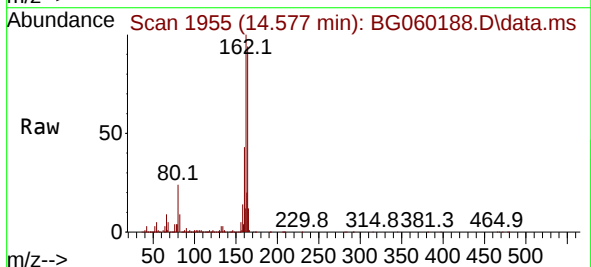
Instrument :
BNA_G
ClientSampleId :

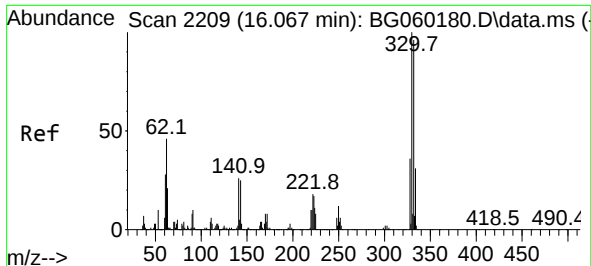
Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 95.8 81.0 121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:164 Resp: 705616
Ion Ratio Lower Upper
164 100
162 105.8 83.9 125.9
160 46.0 34.2 51.4

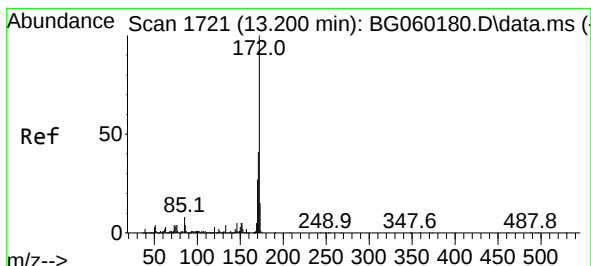
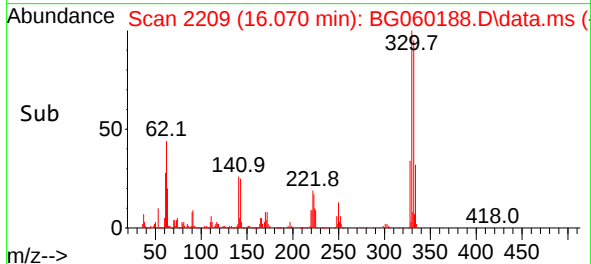
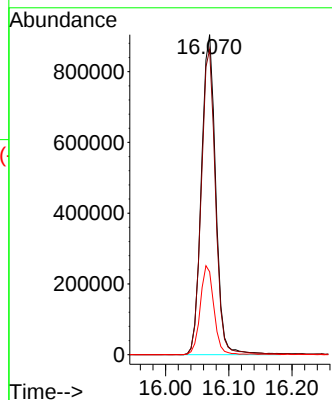
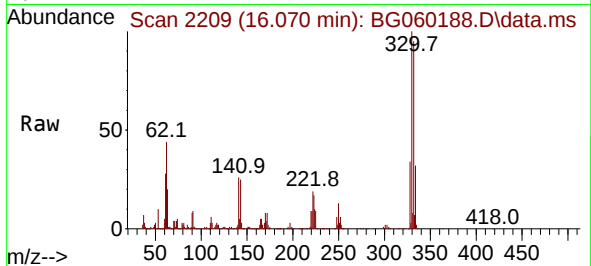




#42
2,4,6-Tribromophenol
Concen: 150.194 ng
RT: 16.070 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

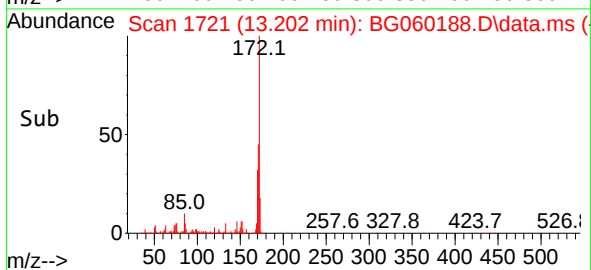
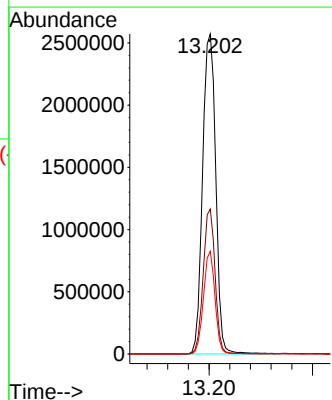
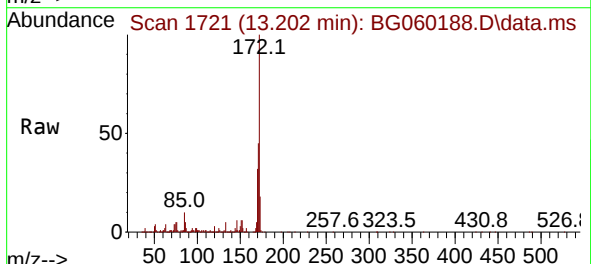
Instrument :
BNA_G
ClientSampleId :

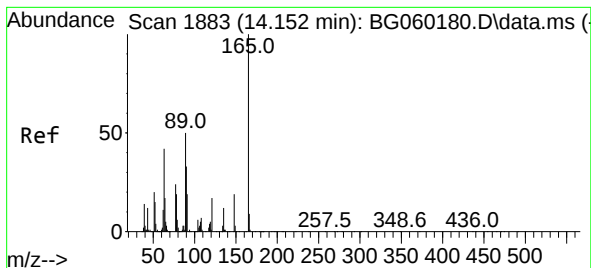
Tgt Ion:330 Resp: 1418642
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 26.5 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 92.412 ng
RT: 13.202 min Scan# 1721
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

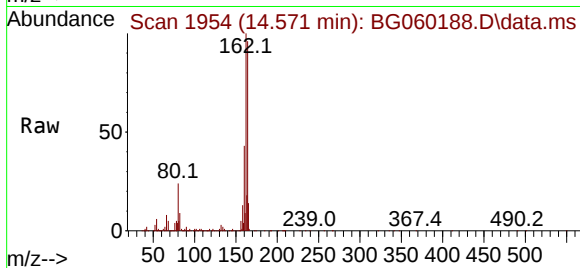
Tgt Ion:172 Resp: 4537045
Ion Ratio Lower Upper
172 100
171 45.3 32.6 48.8
170 32.1 21.8 32.6



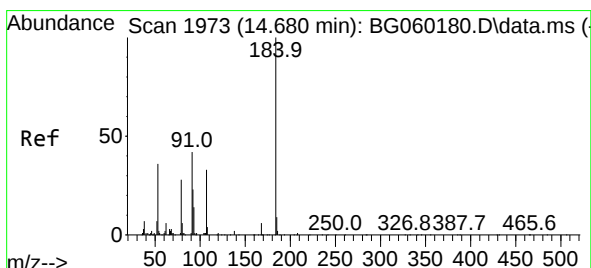
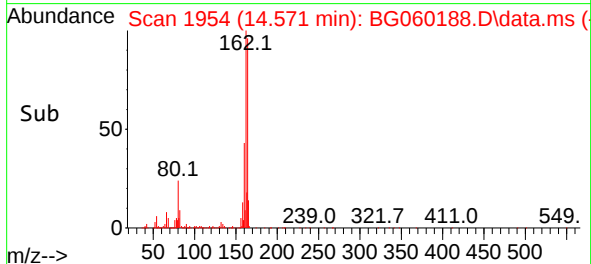
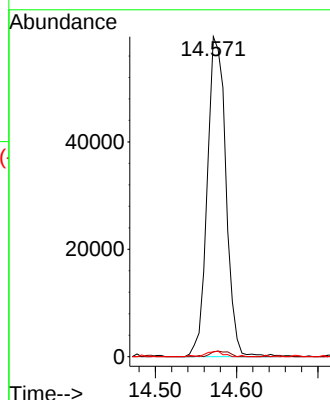


#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 14.571 min Scan# 1954
Delta R.T. 0.420 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Instrument :
BNA_G
ClientSampleId :

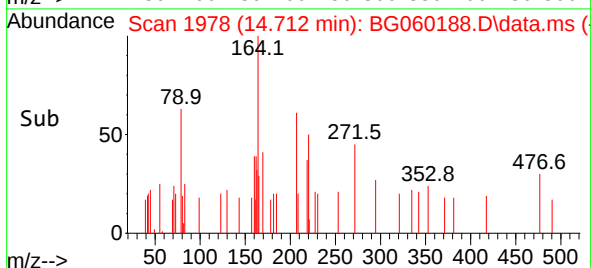
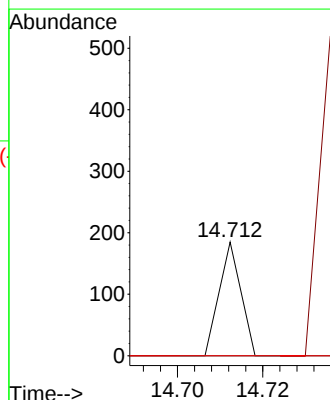
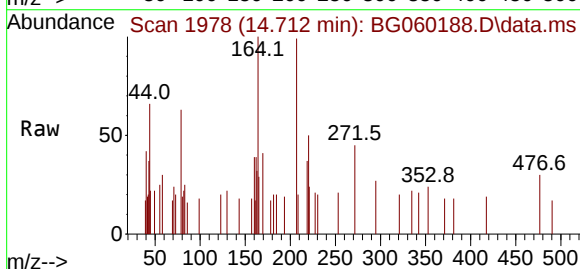


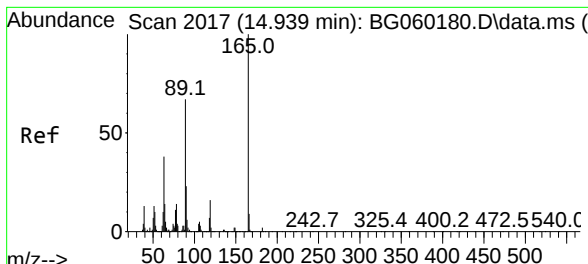
Tgt Ion:165 Resp: 94658
Ion Ratio Lower Upper
165 100
63 1.5 39.3 58.9#
89 1.4 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.245 ng
RT: 14.712 min Scan# 1978
Delta R.T. 0.032 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

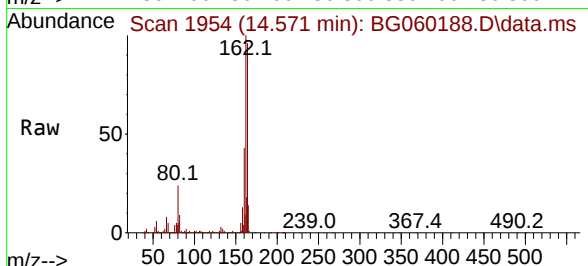
Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#



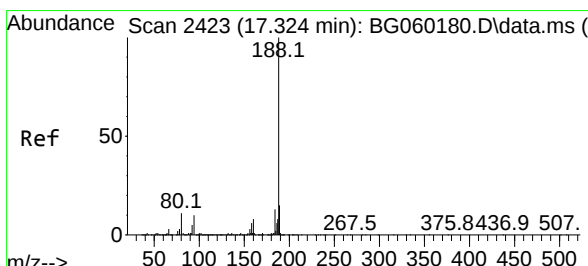
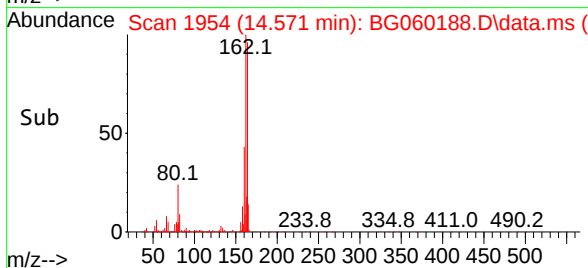
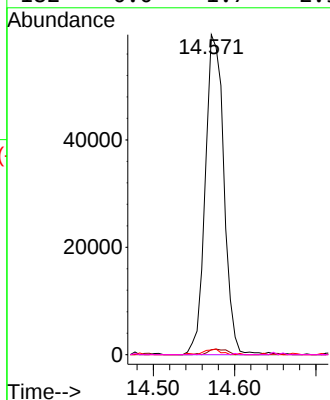


#57
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.367 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Instrument :
BNA_G
ClientSampleId :

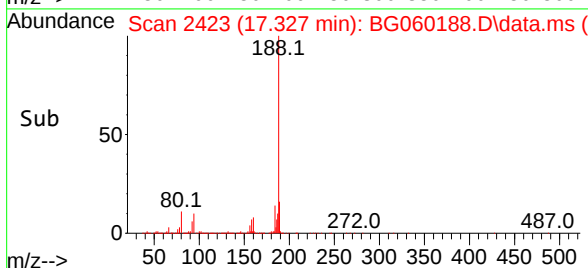
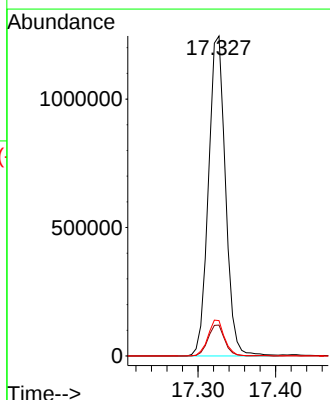
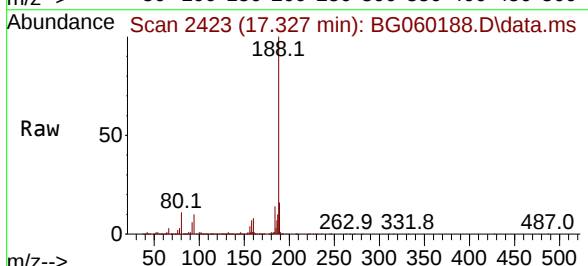


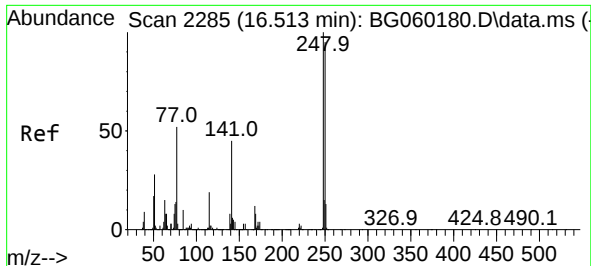
Tgt Ion:	165	Resp:	94658
Ion Ratio	Lower	Upper	
165	100		
63	1.5	31.0	46.6#
89	1.4	53.3	79.9#
182	0.0	1.7	2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2423
Delta R.T. 0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:	188	Resp:	1900130
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.8	11.6
80	11.0	8.6	13.0

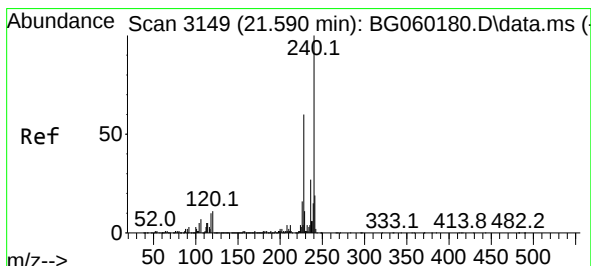
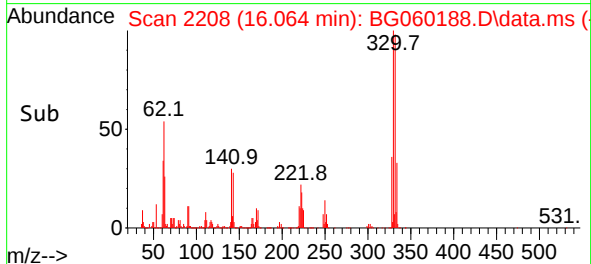
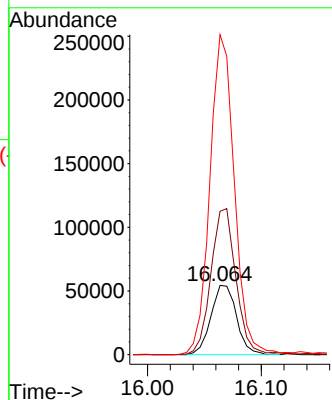
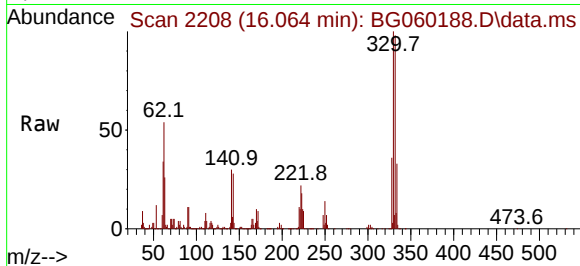




#67
4-Bromophenyl-phenylether
Concen: 4.216 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

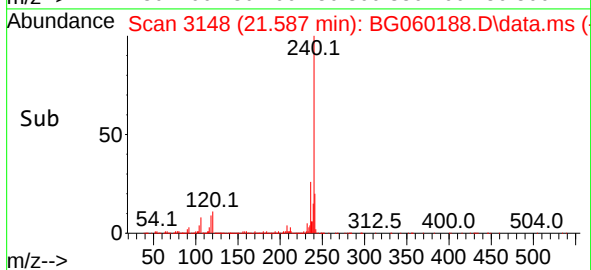
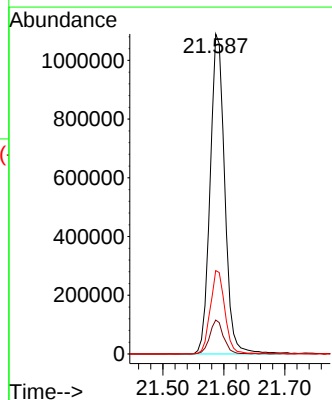
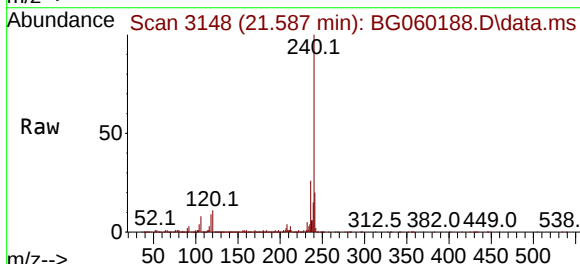
Instrument :
BNA_G
ClientSampleId :

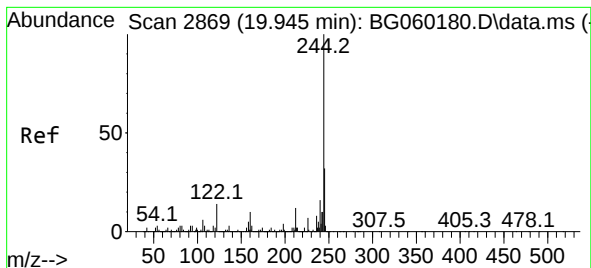
Tgt Ion:248 Resp: 84930
Ion Ratio Lower Upper
248 100
250 207.2 76.2 114.4#
141 462.3 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BG060188.D
Acq: 2 Jan 2024 10:29

Tgt Ion:240 Resp: 1813434
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 68.595 ng

RT: 19.947 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060188.D

Acq: 2 Jan 2024 10:29

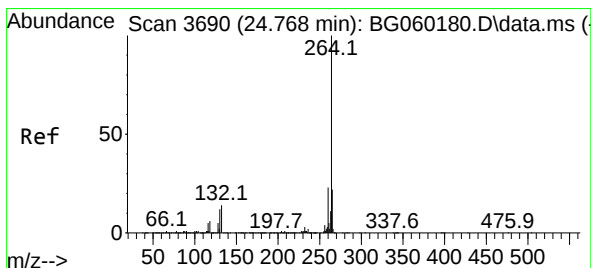
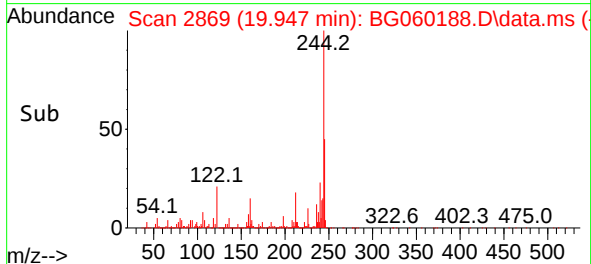
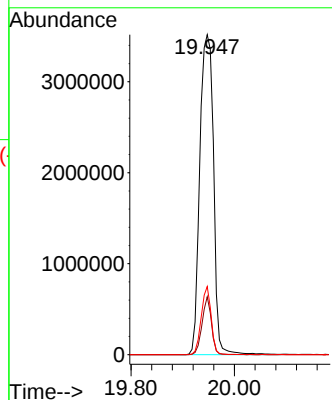
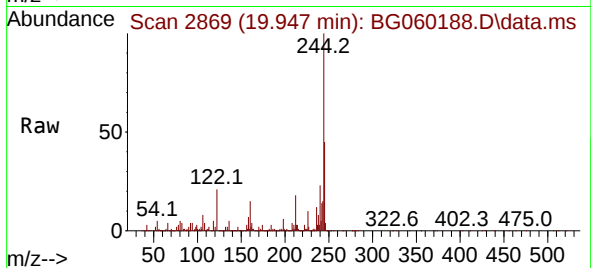
Instrument :

BNA_G

ClientSampleId :

Tgt Ion:244 Resp: 6470370

Ion	Ratio	Lower	Upper
244	100		
212	18.1	9.5	14.3#
122	21.3	11.4	17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.765 min Scan# 3689

Delta R.T. -0.003 min

Lab File: BG060188.D

Acq: 2 Jan 2024 10:29

Tgt Ion:264 Resp: 2018954

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.0	27.0
265	21.5	17.4	26.0

