

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
 Data File : BG060416.D
 Acq On : 24 Jan 2024 15:31
 Operator : MA/JU
 Sample : PB158598BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158598BL

Quant Time: Jan 24 16:05:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

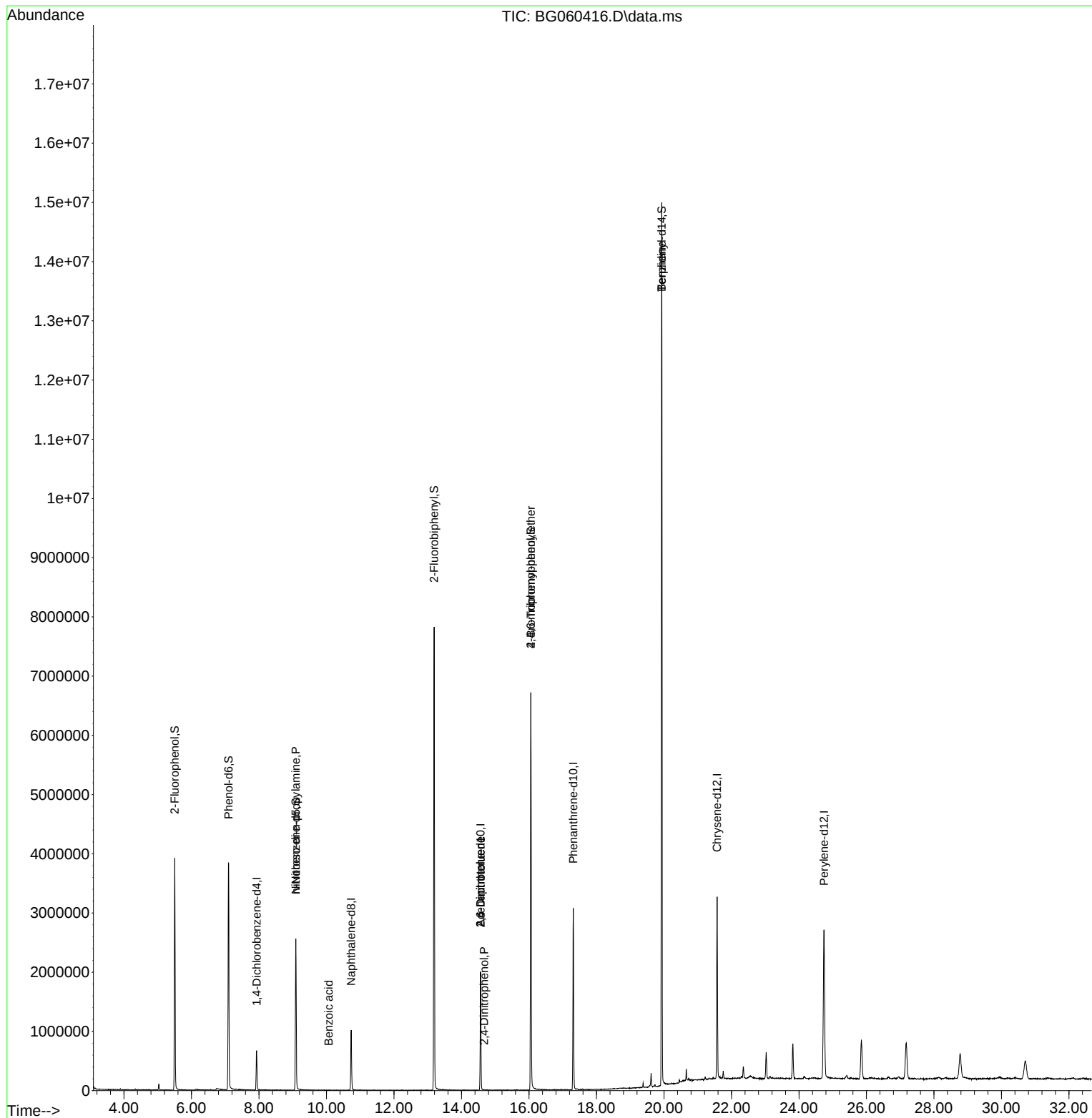
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	209460	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	912865	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	752856	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	2101637	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1923606	20.000	ng	0.00
86) Perylene-d12	24.740	264	2052969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1865604	146.497	ng	0.00
7) Phenol-d6	7.102	99	2704322	143.410	ng	0.00
23) Nitrobenzene-d5	9.094	82	1768135	91.461	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1556453	140.516	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	4280990	79.058	ng	0.00
79) Terphenyl-d14	19.934	244	6369986	82.653	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	219343	16.806	ng	# 83
32) Benzoic acid	10.063	122	165	10.216	ng	# 69
51) 2,6-Dinitrotoluene	14.564	165	101582	8.275	ng	# 33
54) 2,4-Dinitrophenol	14.676	184	68	8.595	ng	# 27
57) 2,4-Dinitrotoluene	14.564	165	101582	6.034	ng	# 25
67) 4-Bromophenyl-phenylether	16.056	248	100737	4.362	ng	# 1
77) Benzidine	19.934	184	132636	3.174	ng	# 93

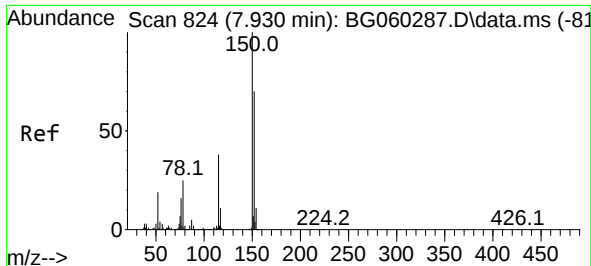
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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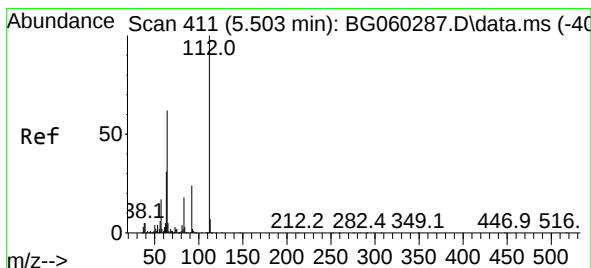
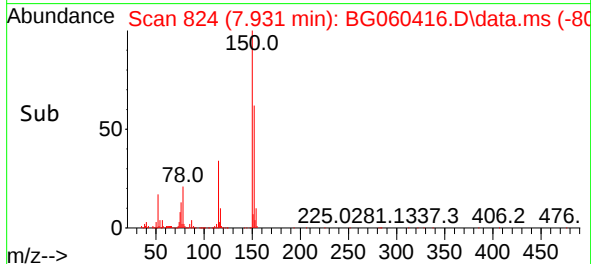
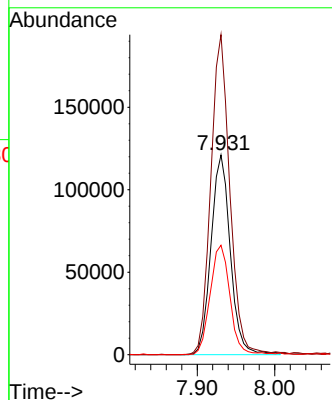
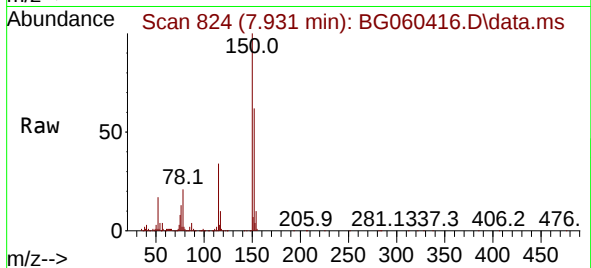




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

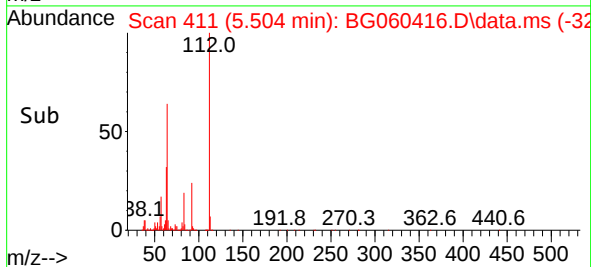
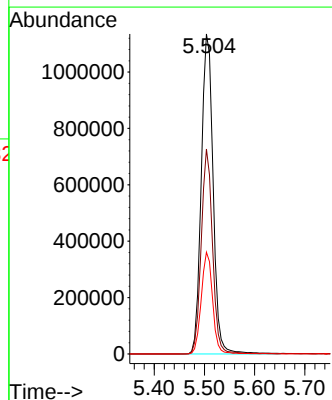
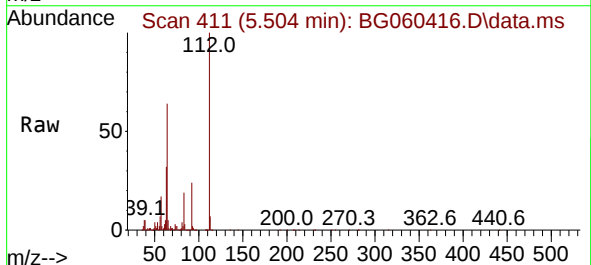
Instrument :
BNA_G
ClientSampleId :
PB158598BL

Tgt Ion:152 Resp: 209460
Ion Ratio Lower Upper
152 100
150 160.3 114.5 171.7
115 54.8 43.0 64.6



#5
2-Fluorophenol
Concen: 146.497 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Tgt Ion:112 Resp: 1865604
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.6
63 31.8 24.4 36.6

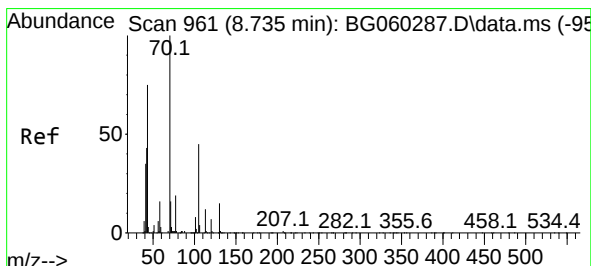
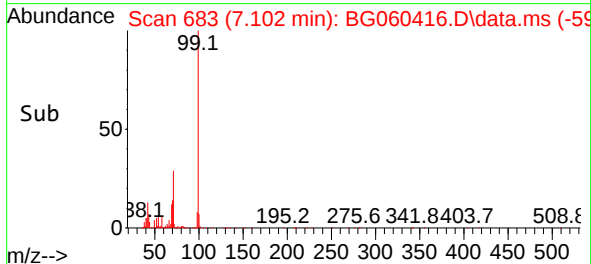
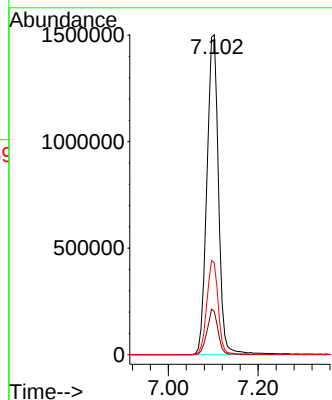
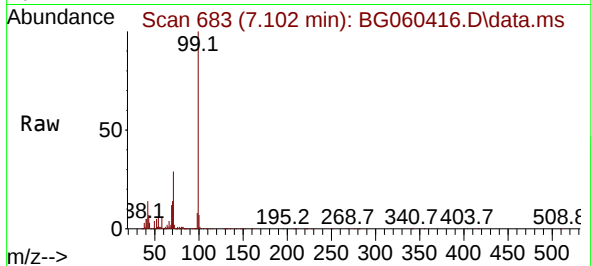




#7
Phenol-d6
Concen: 143.410 ng
RT: 7.102 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

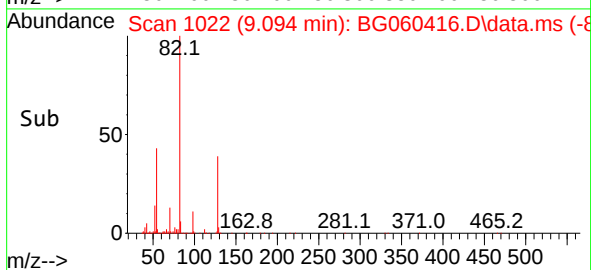
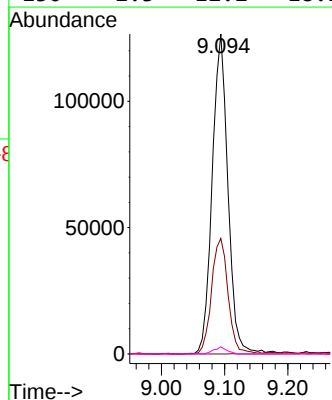
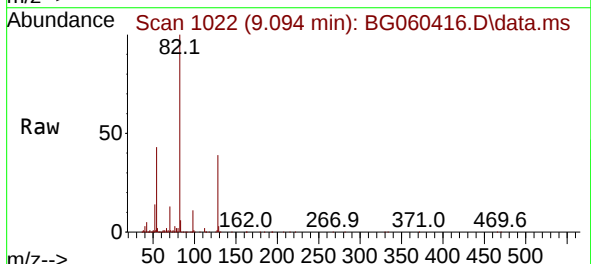
Instrument :
BNA_G
ClientSampleId :
PB158598BL

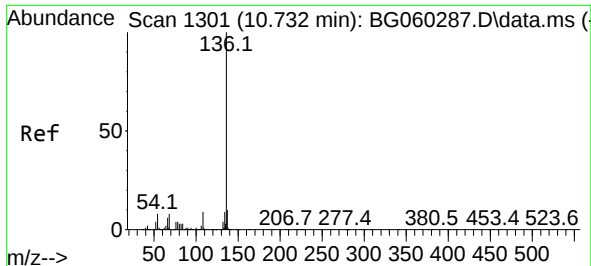
Tgt Ion: 99 Resp: 2704322
Ion Ratio Lower Upper
99 100
42 13.5 10.9 16.3
71 28.7 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.806 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.359 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Tgt Ion: 70 Resp: 219343
Ion Ratio Lower Upper
70 100
42 36.1 34.3 51.5
101 0.0 6.2 9.2#
130 2.3 12.2 18.2#

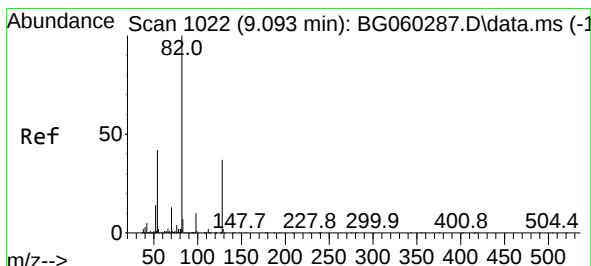
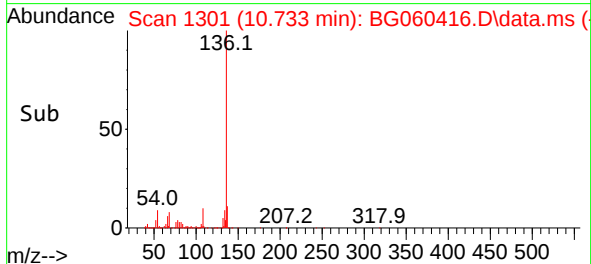
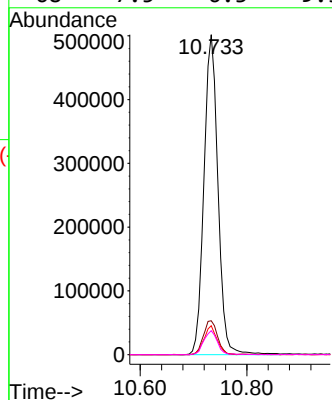
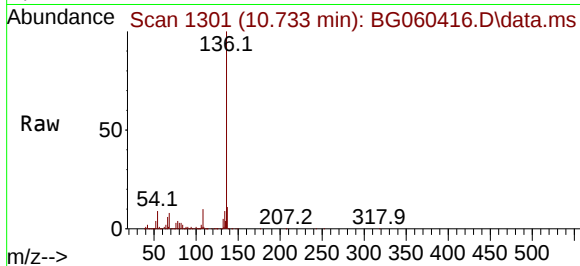




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

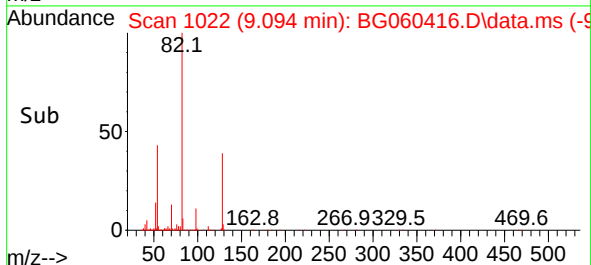
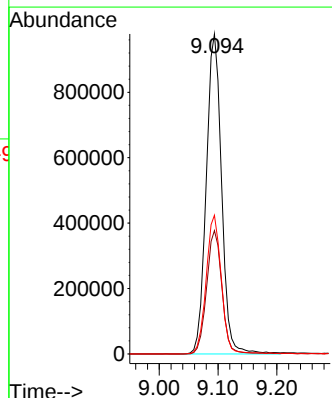
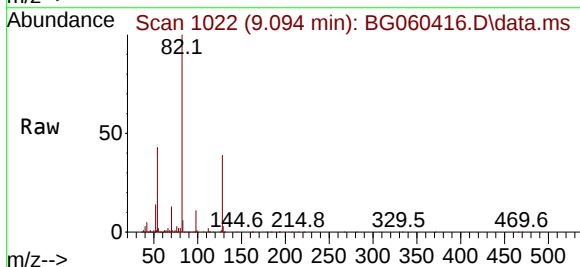
Instrument :
BNA_G
ClientSampleId :
PB158598BL

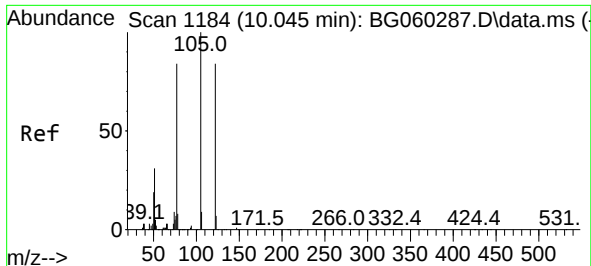
Tgt Ion:	136	Resp:	912865
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	9.1	6.2	9.2
68	7.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 91.461 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Tgt Ion:	82	Resp:	1768135
Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.6	44.4
54	43.4	33.6	50.4

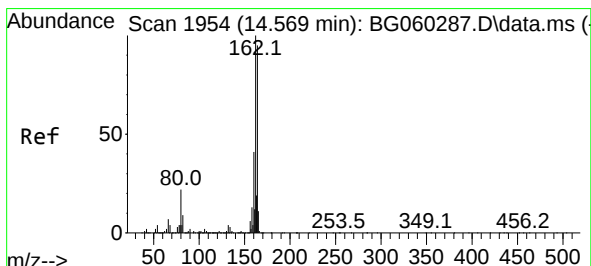
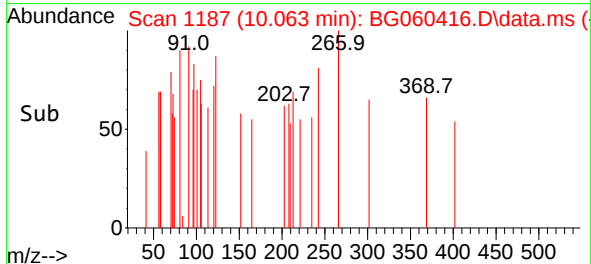
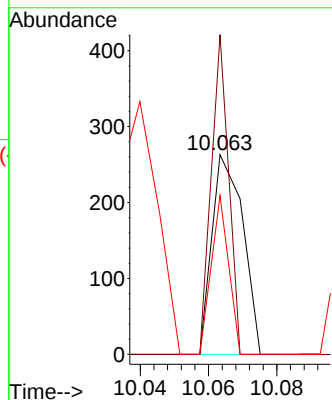
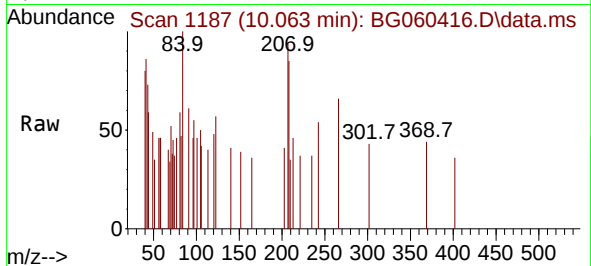




#32
Benzoic acid
Concen: 10.216 ng
RT: 10.063 min Scan# 1187
Delta R.T. 0.018 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

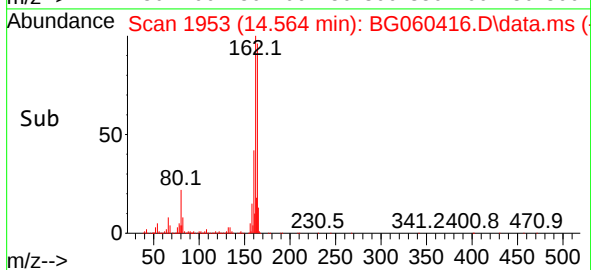
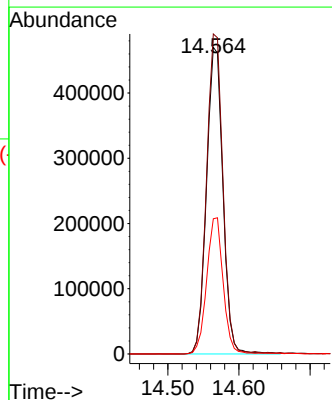
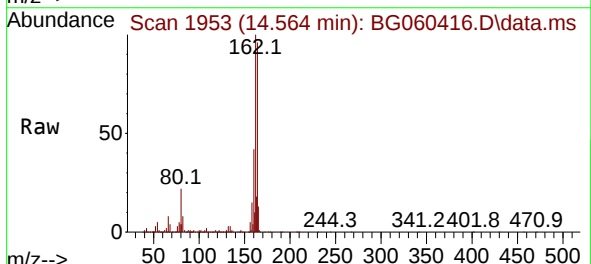
Instrument :
BNA_G
ClientSampleId :
PB158598BL

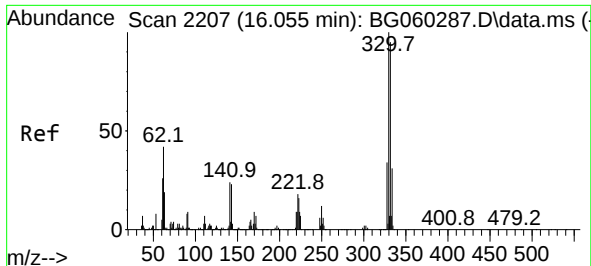
Tgt Ion:122 Resp: 165
Ion Ratio Lower Upper
122 100
105 160.1 96.0 136.0#
77 79.5 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Tgt Ion:164 Resp: 752856
Ion Ratio Lower Upper
164 100
162 104.3 84.4 126.6
160 44.1 34.6 52.0

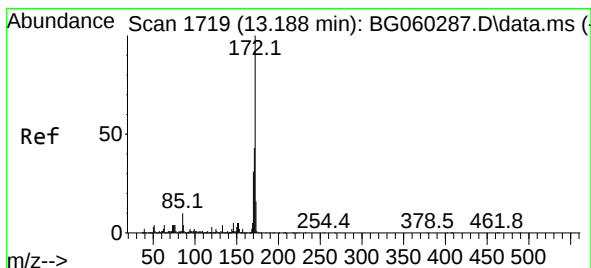
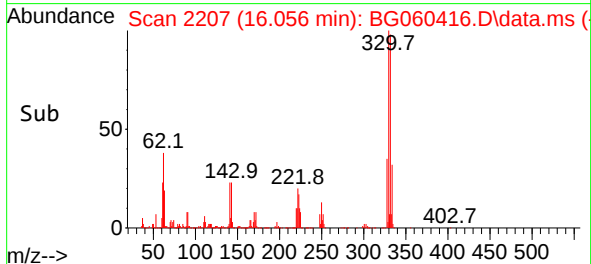
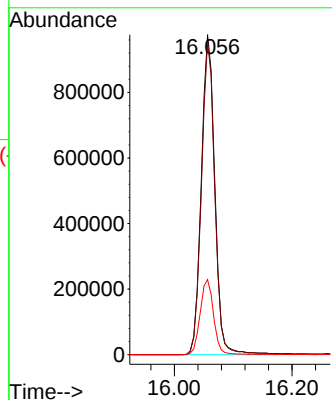
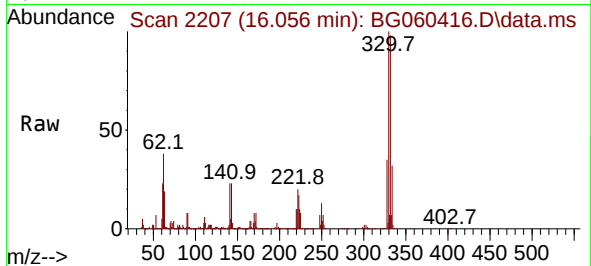




#42
2,4,6-Tribromophenol
Concen: 140.516 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

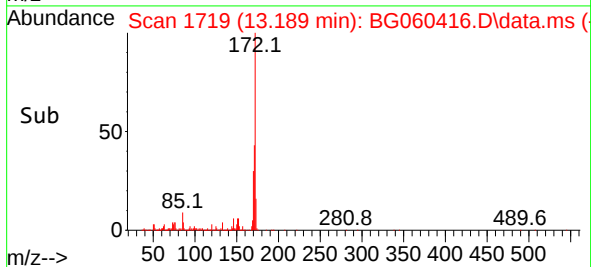
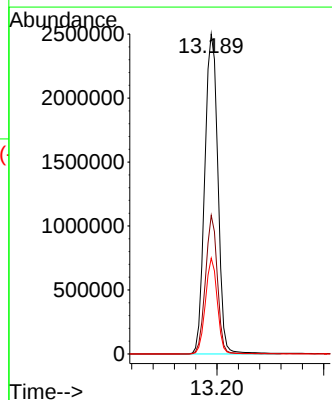
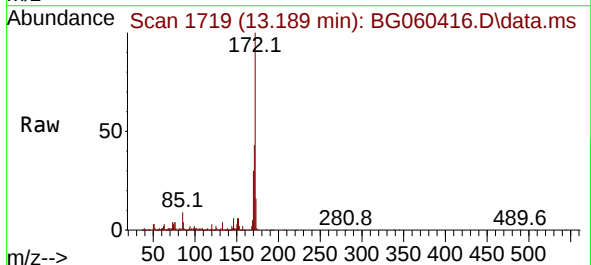
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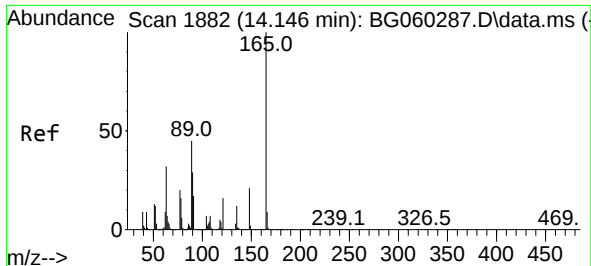
Tgt Ion:330 Resp: 1556453
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 23.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 79.058 ng
RT: 13.189 min Scan# 1719
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Tgt Ion:172 Resp: 4280990
Ion Ratio Lower Upper
172 100
171 43.3 34.6 51.8
170 30.0 24.4 36.6

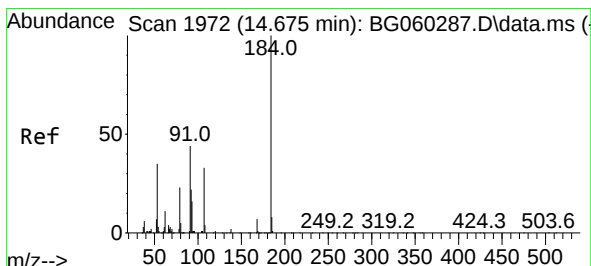
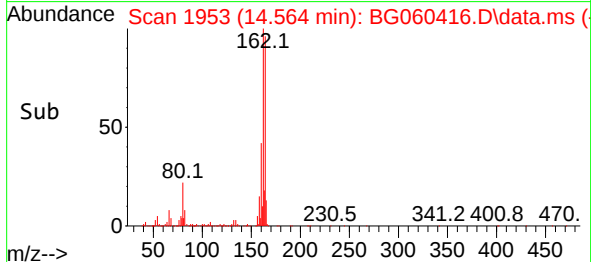
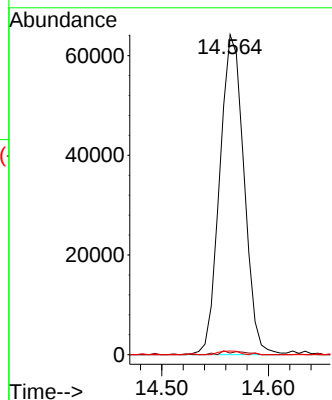
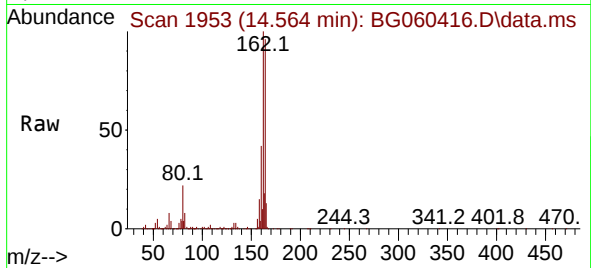




#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 14.564 min Scan# 1953
Delta R.T. 0.418 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

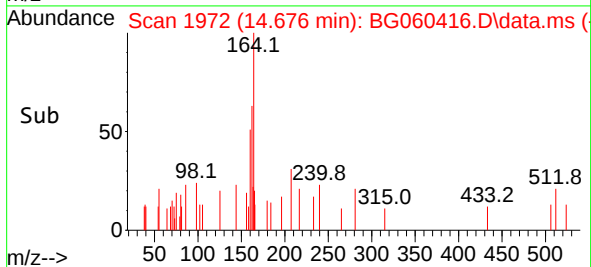
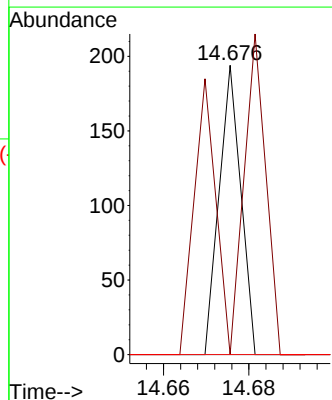
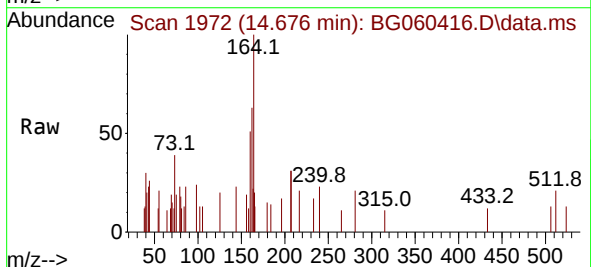
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ClientSampleId :
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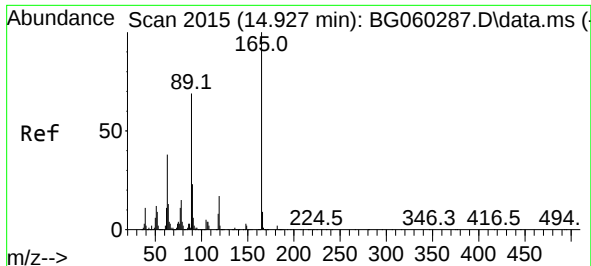
Tgt Ion:165 Resp: 101582
Ion Ratio Lower Upper
165 100
63 0.5 35.0 52.4#
89 1.2 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.595 ng
RT: 14.676 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 6.034 ng

RT: 14.564 min Scan# 1953

Delta R.T. -0.363 min

Lab File: BG060416.D

Acq: 24 Jan 2024 15:31

Instrument :

BNA_G

ClientSampleId :

PB158598BL

Tgt Ion:165 Resp: 101582

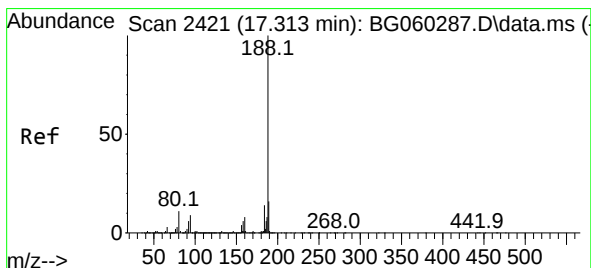
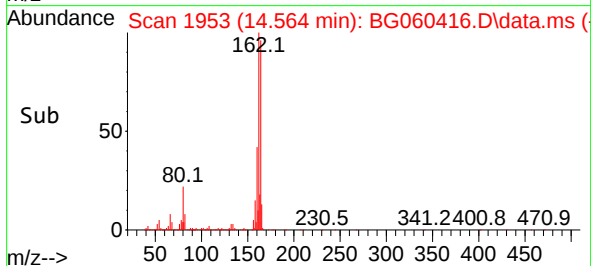
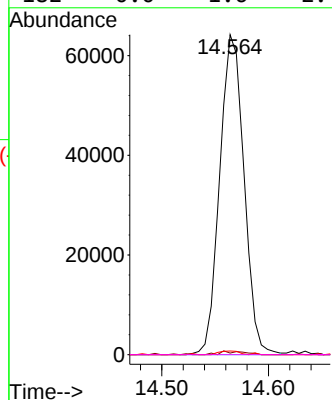
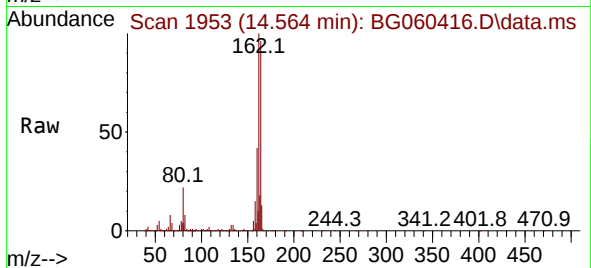
Ion Ratio Lower Upper

165 100

63 0.5 30.4 45.6#

89 1.2 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 2421

Delta R.T. 0.001 min

Lab File: BG060416.D

Acq: 24 Jan 2024 15:31

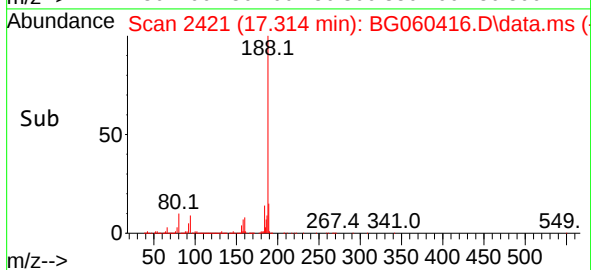
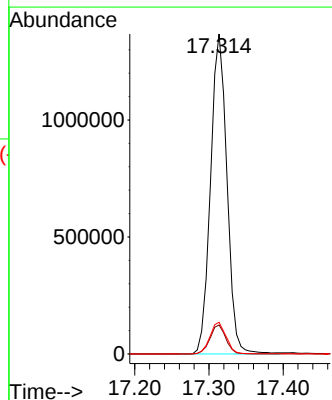
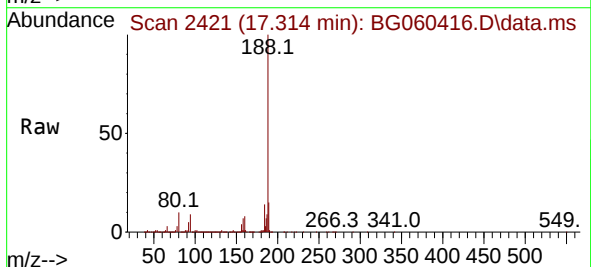
Tgt Ion:188 Resp: 2101637

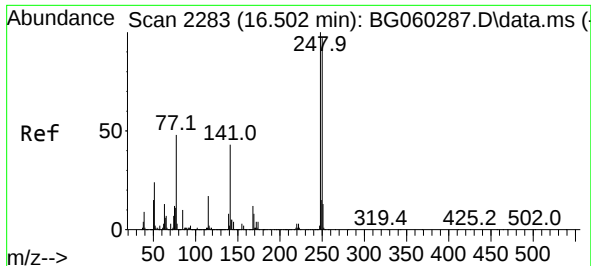
Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.9 8.5 12.7

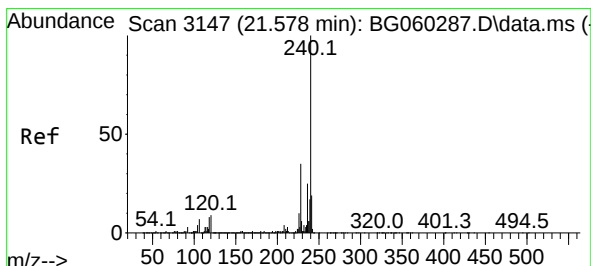
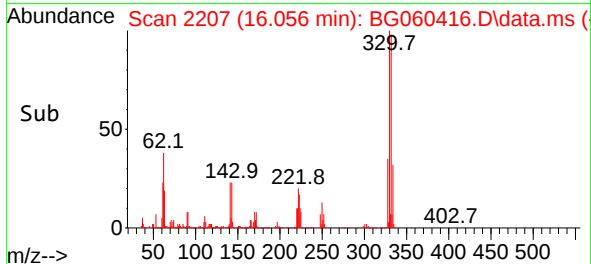
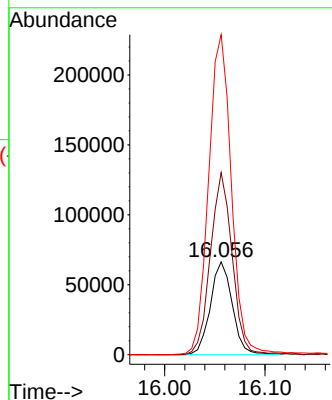
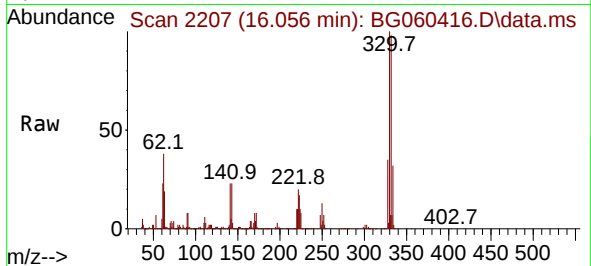




#67
4-Bromophenyl-phenylether
Concen: 4.362 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

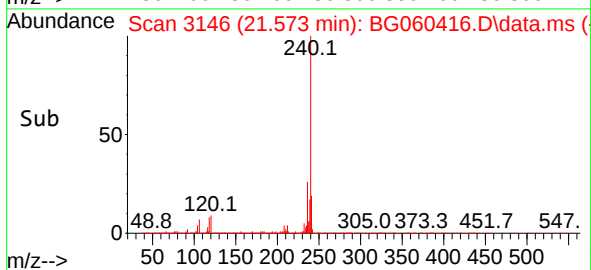
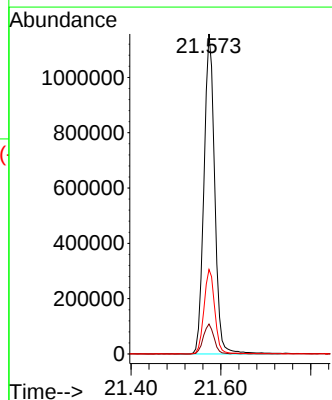
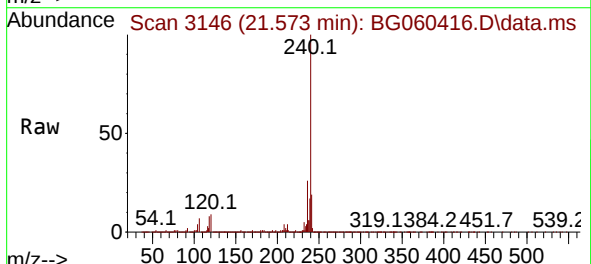
Instrument :
BNA_G
ClientSampleId :
PB158598BL

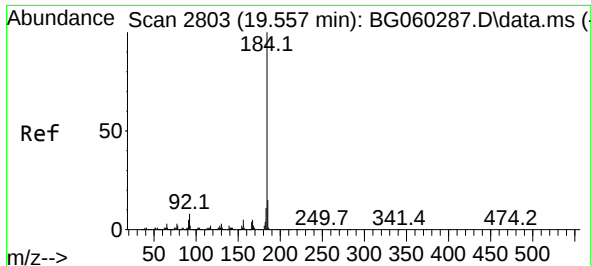
Tgt Ion:248 Resp: 100737
Ion Ratio Lower Upper
248 100
250 196.2 77.6 116.4#
141 344.7 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Tgt Ion:240 Resp: 1923606
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.4 20.3 30.5

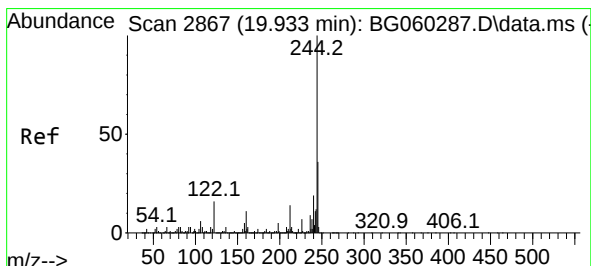
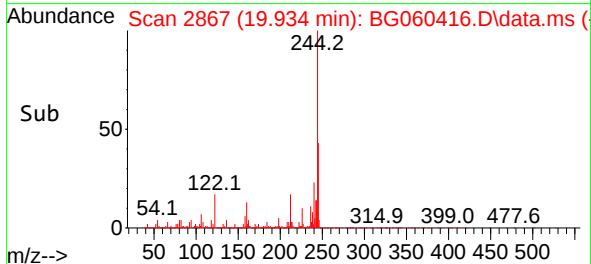
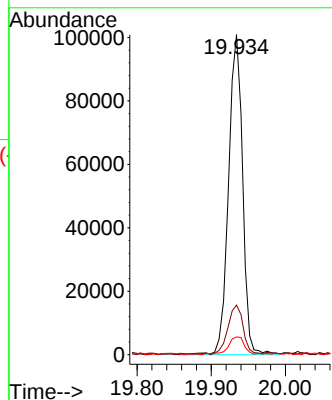
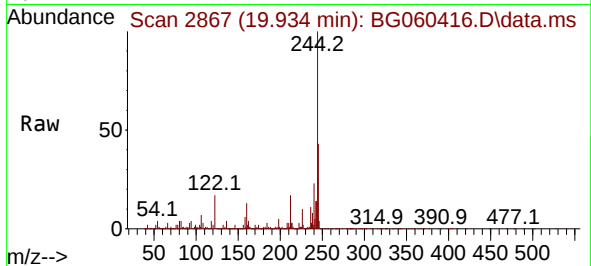




#77
Benzidine
Concen: 3.174 ng
RT: 19.934 min Scan# 2803
Delta R.T. 0.377 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

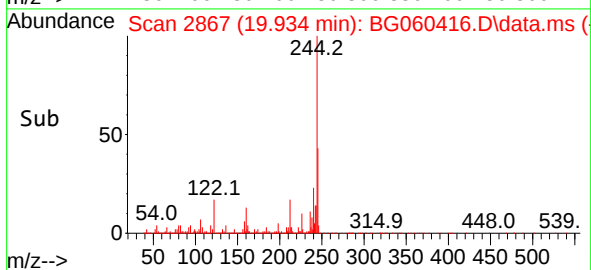
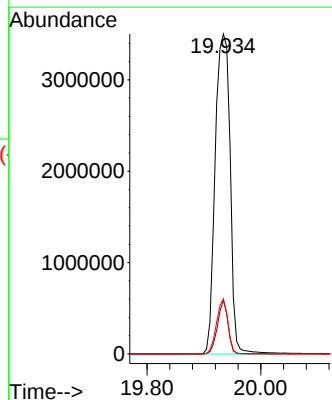
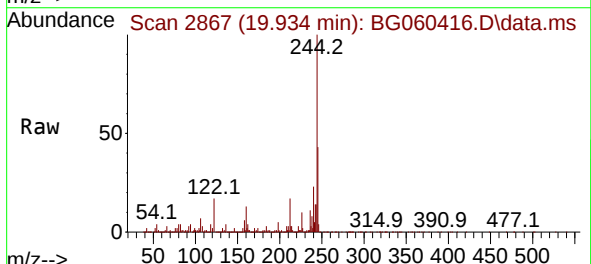
Instrument :
BNA_G
ClientSampleId :
PB158598BL

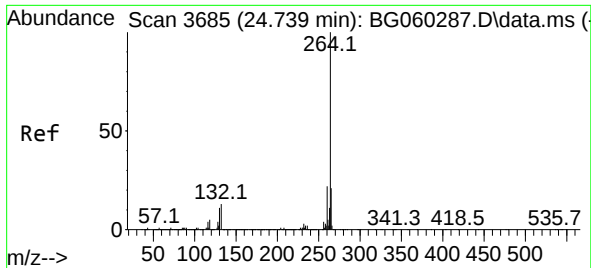
Tgt Ion:184 Resp: 132636
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.4
183 5.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 82.653 ng
RT: 19.934 min Scan# 2867
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Tgt Ion:244 Resp: 6369986
Ion Ratio Lower Upper
244 100
212 16.7 10.9 16.3#
122 17.3 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.740 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG060416.D
Acq: 24 Jan 2024 15:31

Instrument :
BNA_G
ClientSampleId :
PB158598BL

Tgt Ion:264 Resp: 2052969

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.6
265	20.7	16.8	25.2

