

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060222.D
 Acq On : 3 Jan 2024 11:30
 Operator : MA/JU
 Sample : PB158053BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 12:21:49 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)

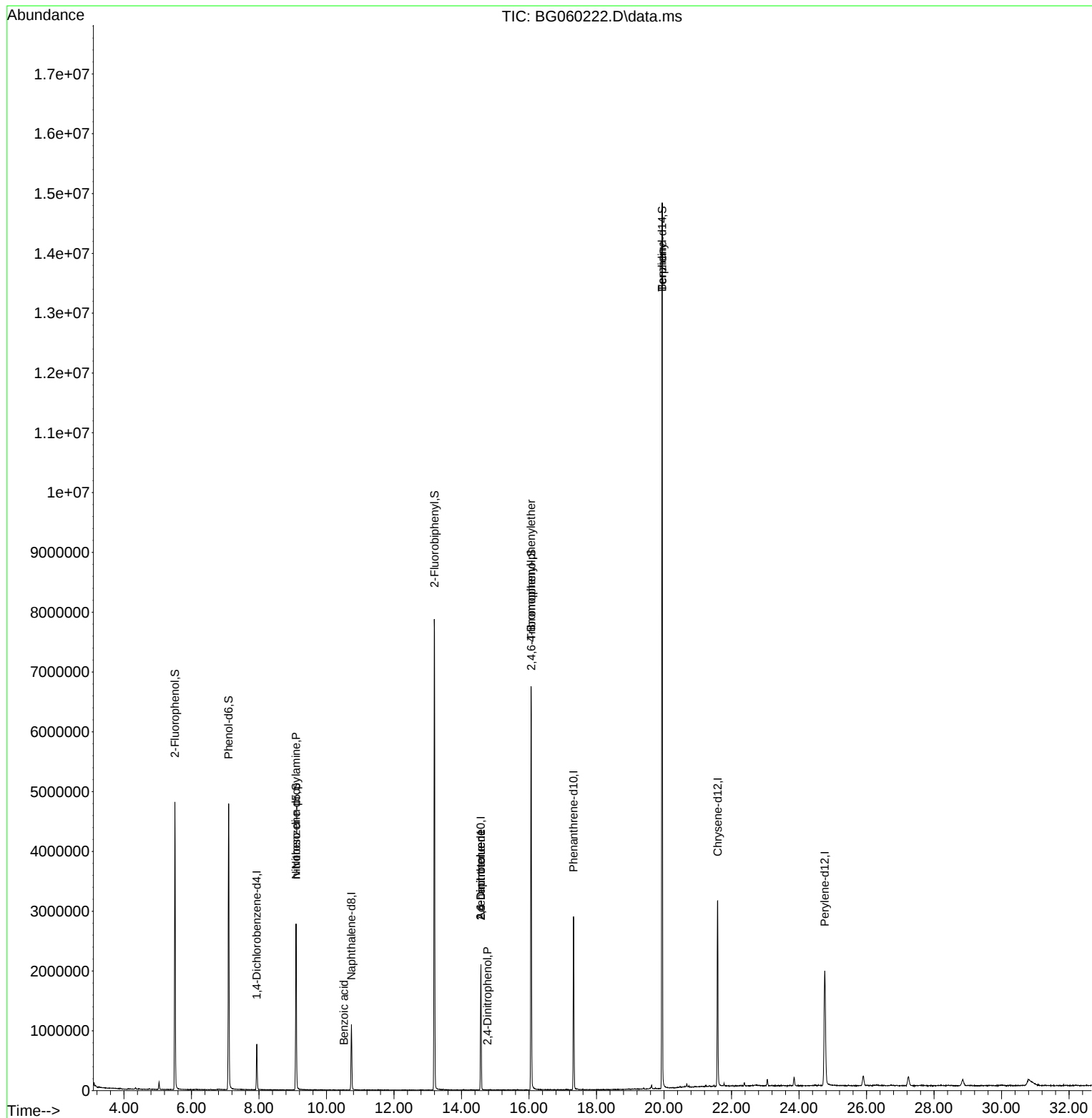
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	231254	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	964947	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	762714	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	2006152	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1905243	20.000	ng	0.00
86) Perylene-d12	24.762	264	2137398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2151469	140.421	ng	0.00
7) Phenol-d6	7.101	99	3049543	134.052	ng	0.00
23) Nitrobenzene-d5	9.098	82	1869880	89.507	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1375671	134.741	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4350076	81.971	ng	0.00
79) Terphenyl-d14	19.944	244	6185722	62.417	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	228431	14.699	ng	# 82
32) Benzoic acid	10.520	122	77	10.277	ng	94
51) 2,6-Dinitrotoluene	14.574	165	103987	8.490	ng	# 29
54) 2,4-Dinitrophenol	14.768	184	72	8.245	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	103987	6.244	ng	# 26
67) 4-Bromophenyl-phenylether	16.061	248	87918	4.134	ng	# 1
77) Benzidine	19.944	184	132649	2.516	ng	# 92

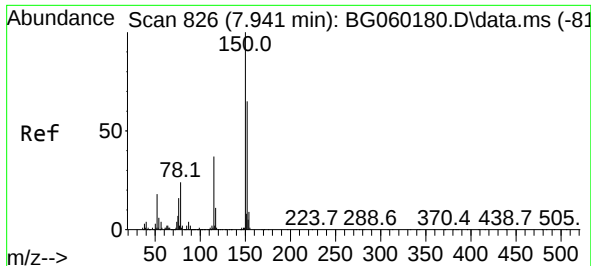
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 12:21:49 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

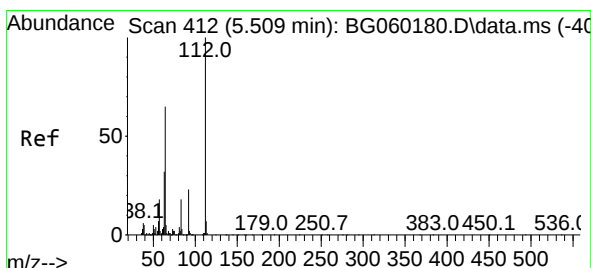
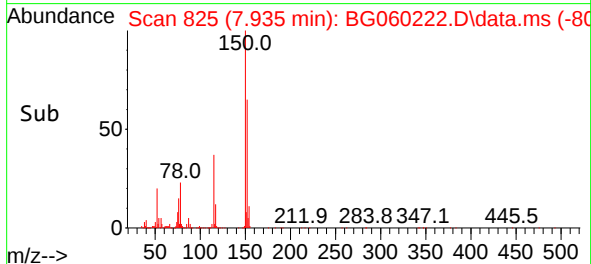
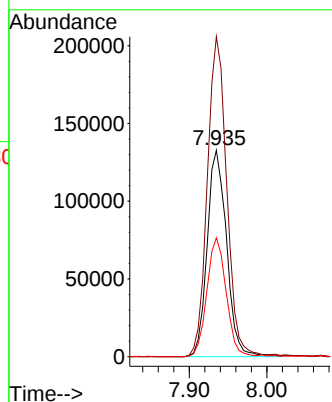
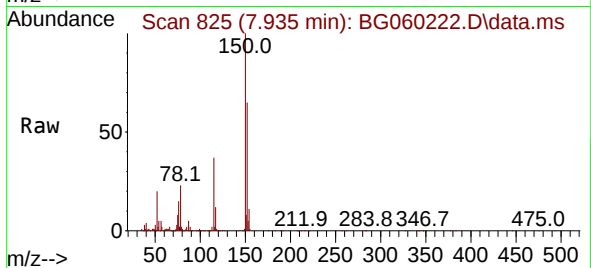




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

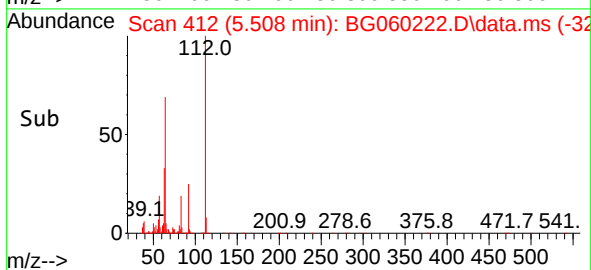
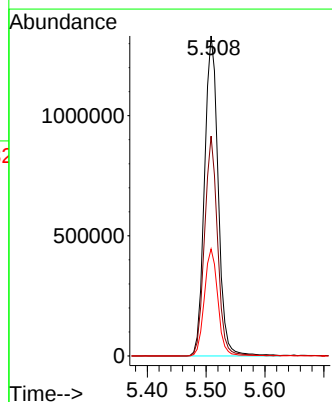
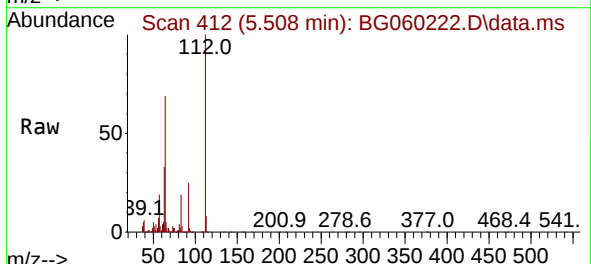
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 231254
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.0
115 57.6 45.4 68.0



#5
2-Fluorophenol
Concen: 140.421 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion:112 Resp: 2151469
Ion Ratio Lower Upper
112 100
64 68.7 52.2 78.4
63 33.5 25.4 38.0

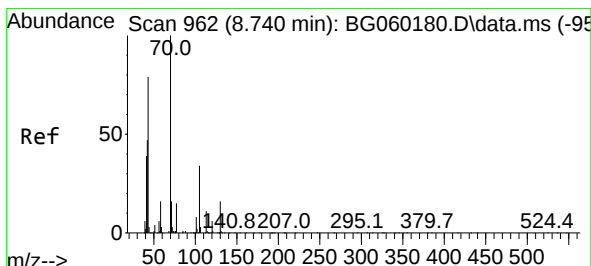
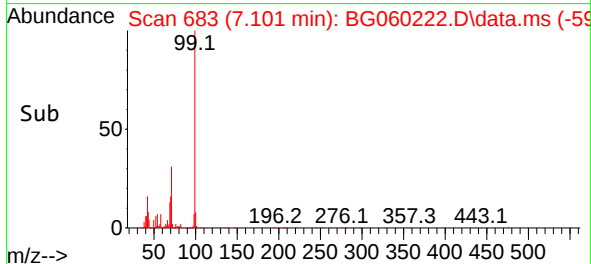
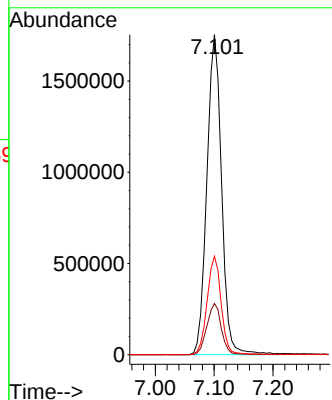
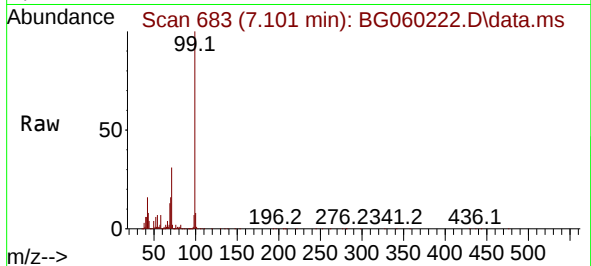




#7
Phenol-d6
Concen: 134.052 ng
RT: 7.101 min Scan# 683
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

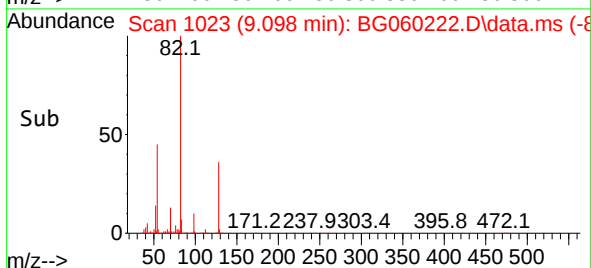
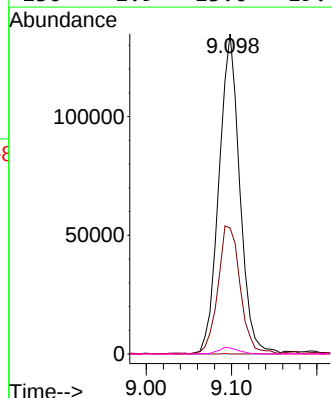
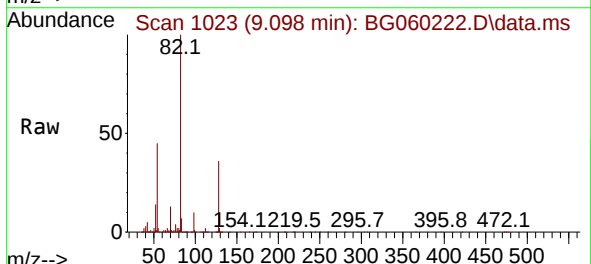
Instrument :
BNA_G
ClientSampleId :

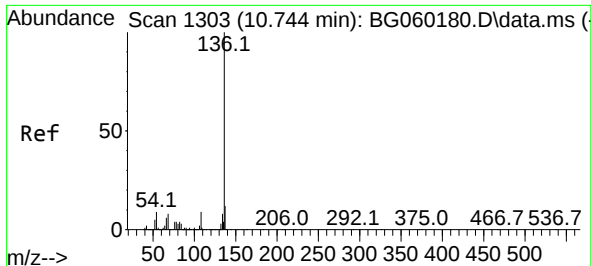
Tgt Ion: 99 Resp: 3049543
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 30.8 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.699 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion: 70 Resp: 228431
Ion Ratio Lower Upper
70 100
42 39.4 37.9 56.9
101 0.0 6.2 9.2#
130 1.9 13.0 19.4#

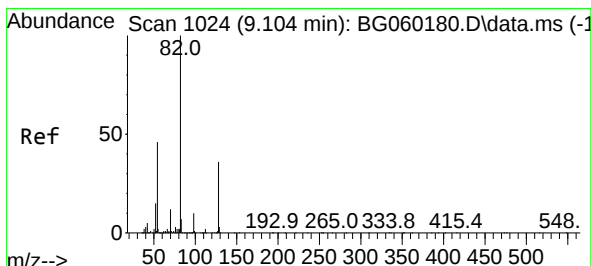
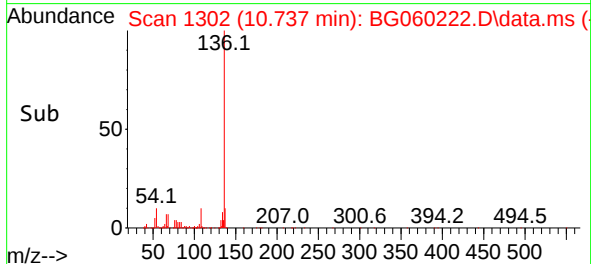
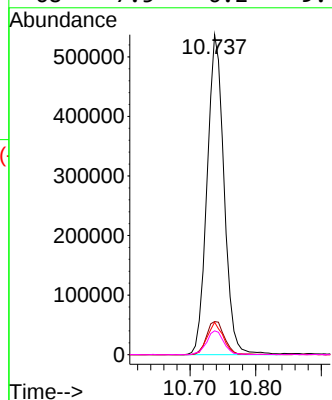
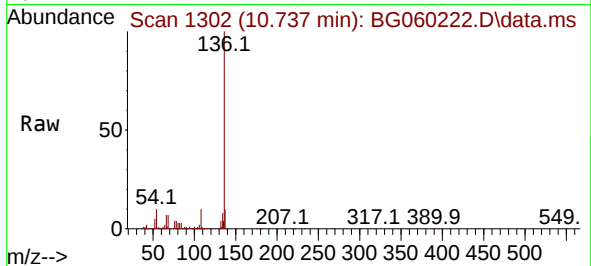




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

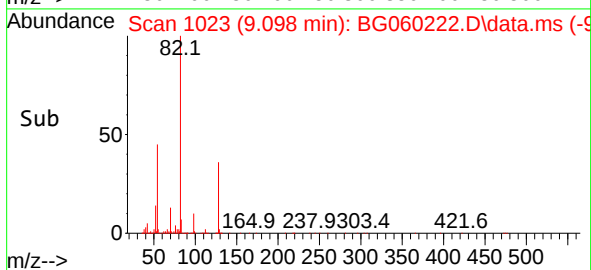
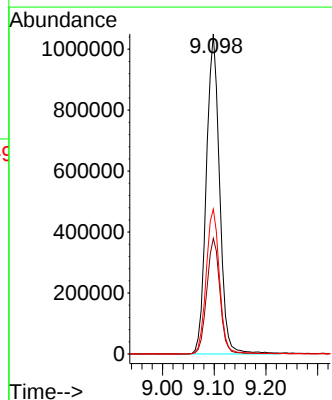
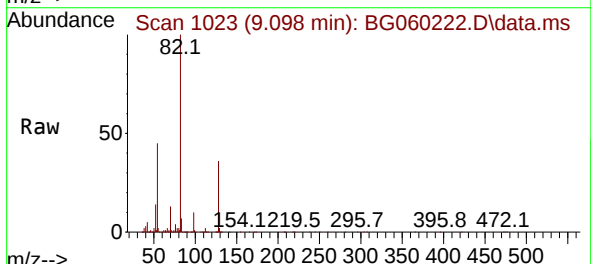
Instrument :
BNA_G
ClientSampleId :

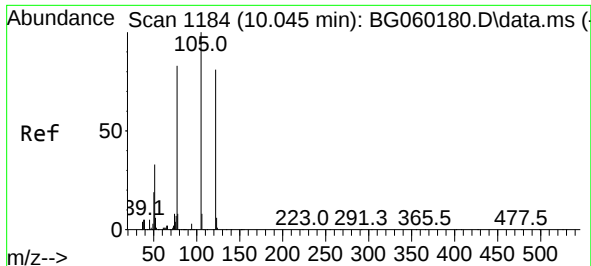
Tgt Ion:	136	Resp:	964947
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.4	14.0
54	10.2	7.4	11.2
68	7.5	6.2	9.4



#23
Nitrobenzene-d5
Concen: 89.507 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion:	82	Resp:	1869880
Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.7	43.1
54	45.3	36.9	55.3

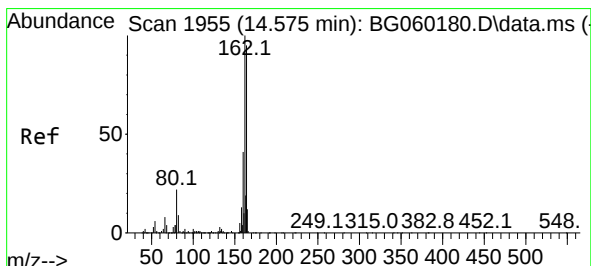
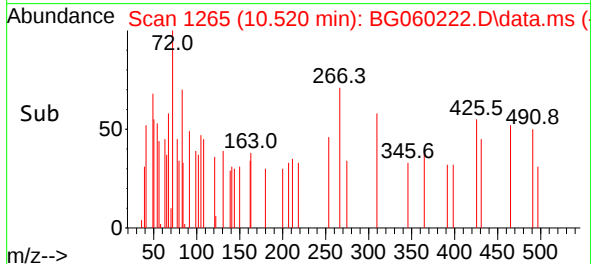
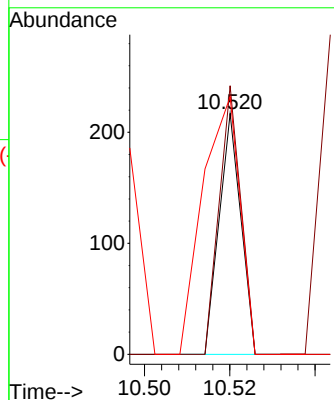
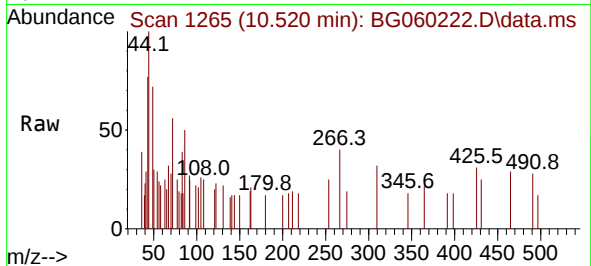




#32
Benzoic acid
Concen: 10.277 ng
RT: 10.520 min Scan# 1184
Delta R.T. 0.475 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

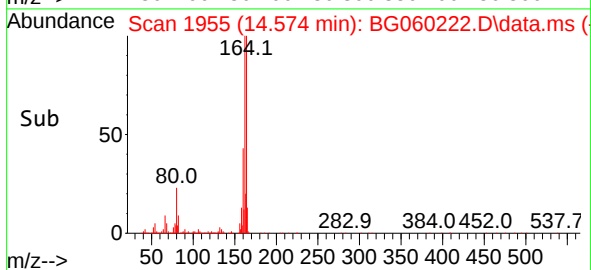
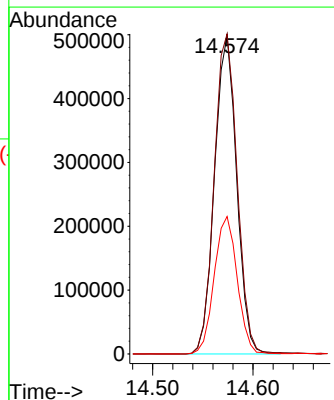
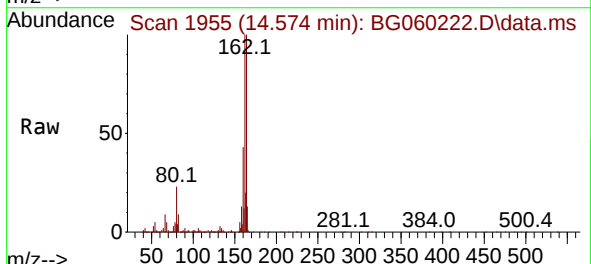
Instrument :
BNA_G
ClientSampleId :

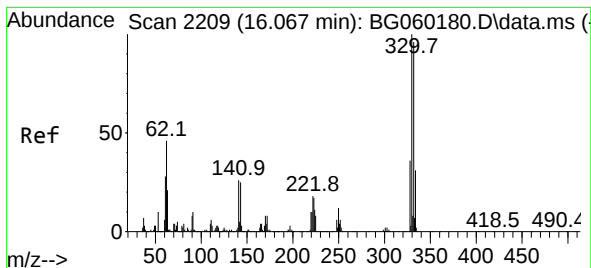
Tgt Ion:	122	Resp:	77
Ion	Ratio	Lower	Upper
122	100		
105	111.5	99.2	139.2
77	106.9	81.0	121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

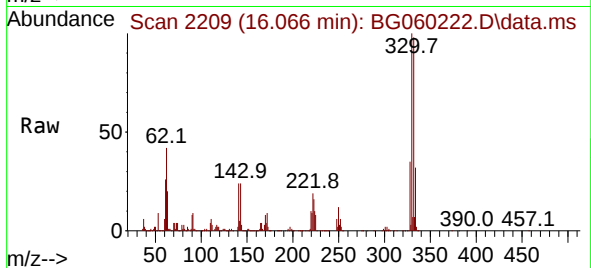
Tgt Ion:	164	Resp:	762714
Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.9	125.9
160	43.2	34.2	51.4



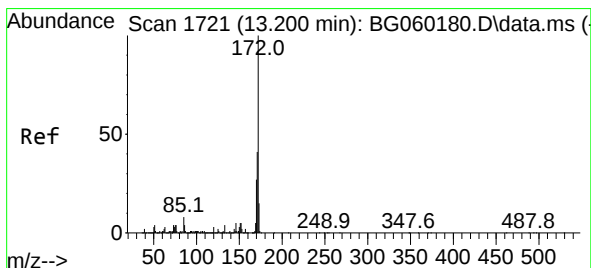
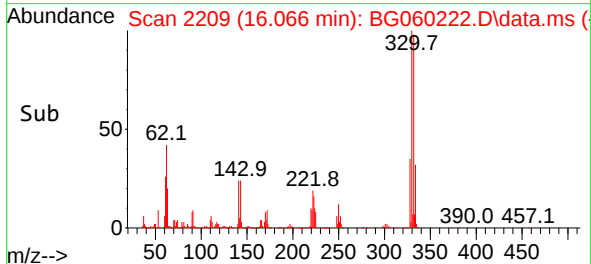
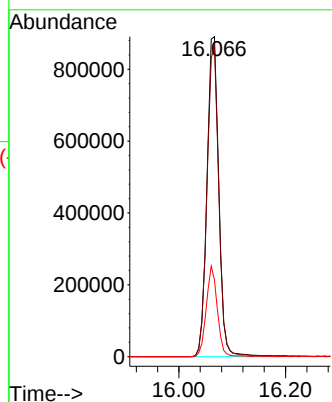


#42
2,4,6-Tribromophenol
Concen: 134.741 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Instrument :
BNA_G
ClientSampleId :

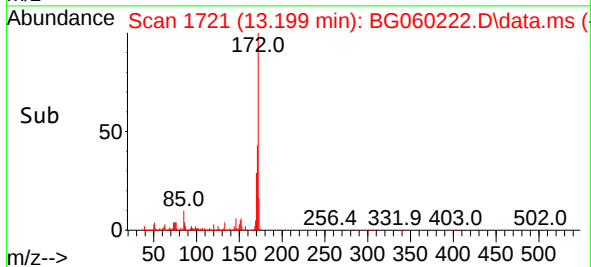
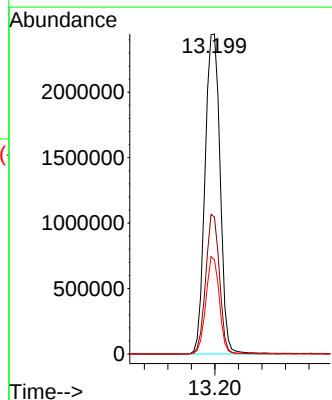
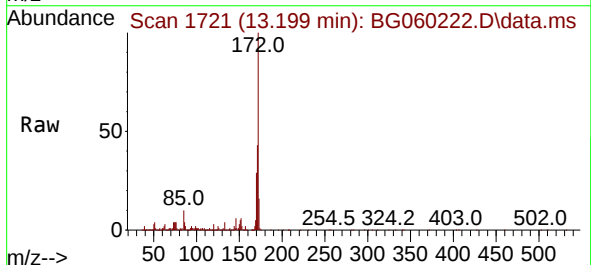


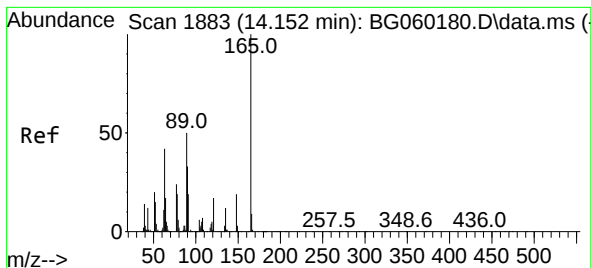
Tgt Ion:330 Resp: 1375671
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 26.4 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 81.971 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion:172 Resp: 4350076
Ion Ratio Lower Upper
172 100
171 42.8 32.6 48.8
170 29.4 21.8 32.6

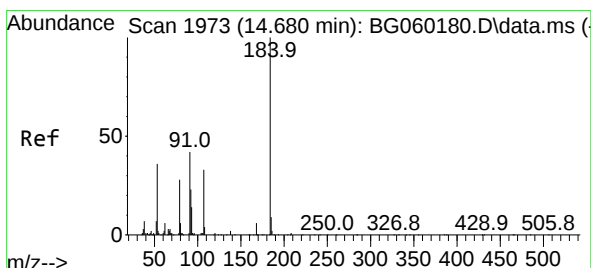
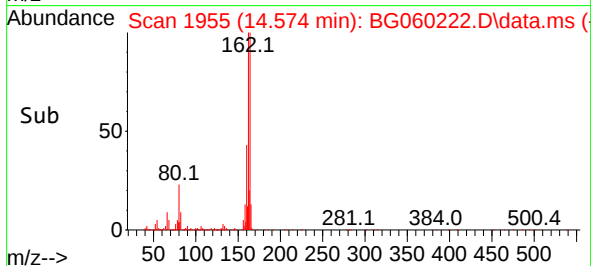
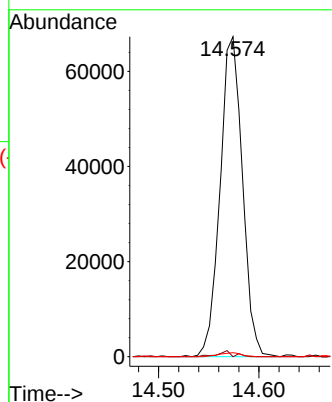
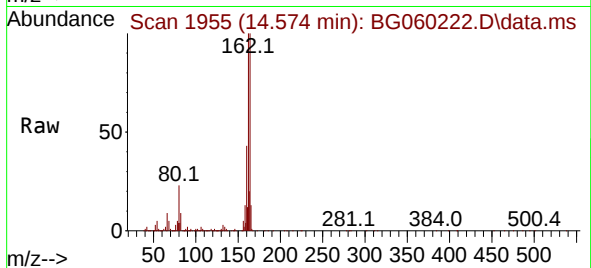




#51
2,6-Dinitrotoluene
Concen: 8.490 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.423 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

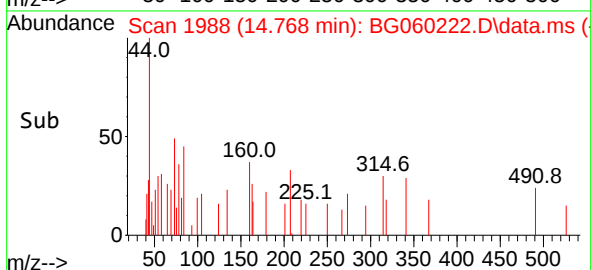
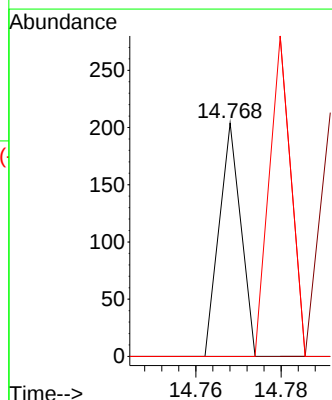
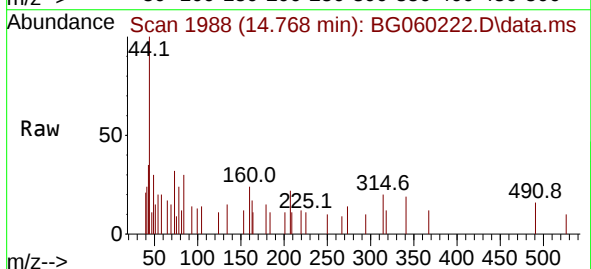
Instrument :
BNA_G
ClientSampleId :

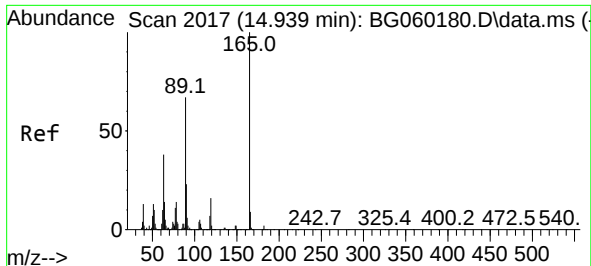
Tgt Ion:165 Resp: 103987
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 1.3 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.245 ng
RT: 14.768 min Scan# 1988
Delta R.T. 0.088 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

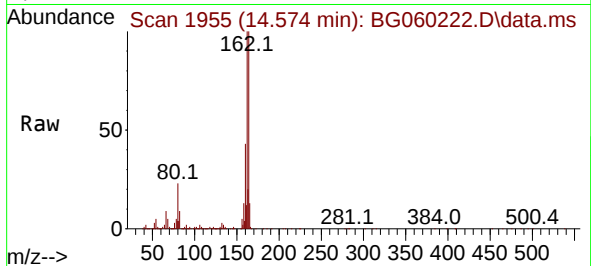
Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#



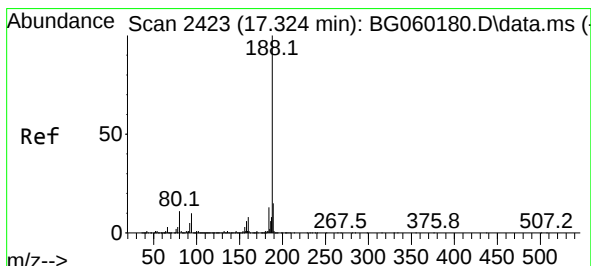
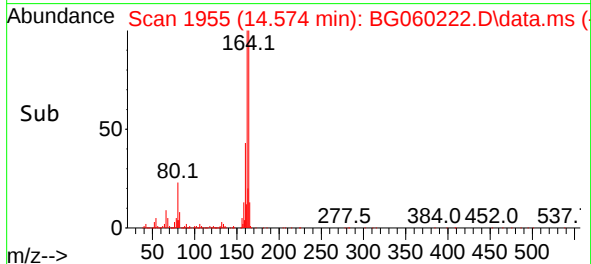
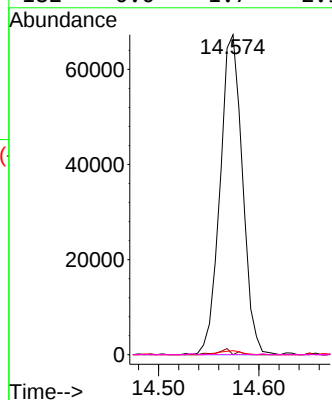


#57
2,4-Dinitrotoluene
Concen: 6.244 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.365 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Instrument :
BNA_G
ClientSampleId :

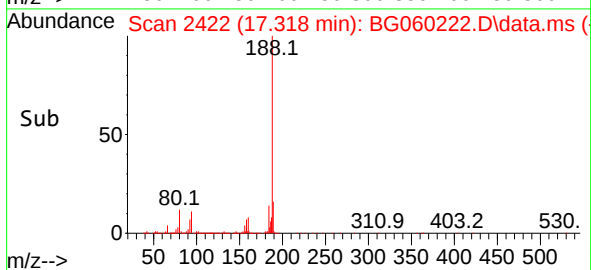
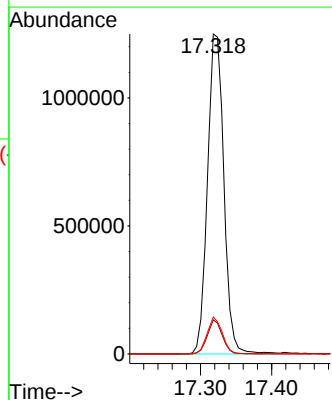
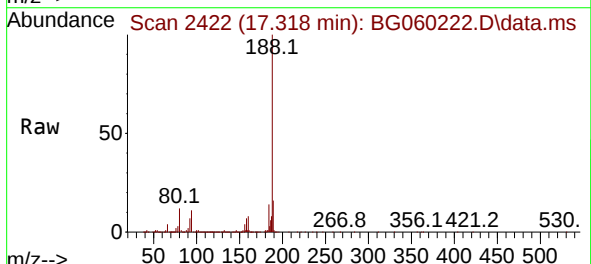


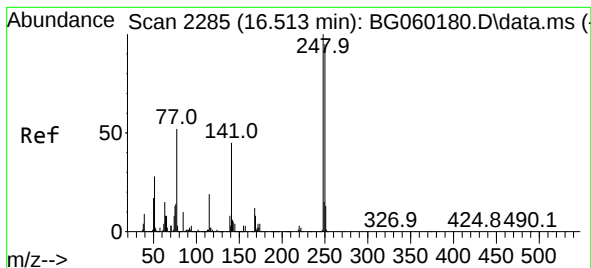
Tgt Ion:165 Resp: 103987
Ion Ratio Lower Upper
165 100
63 0.0 31.0 46.6#
89 1.3 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion:188 Resp: 2006152
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 11.5 8.6 13.0

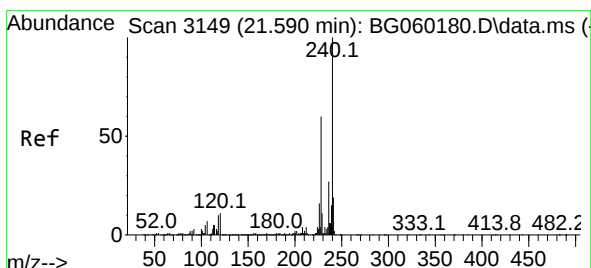
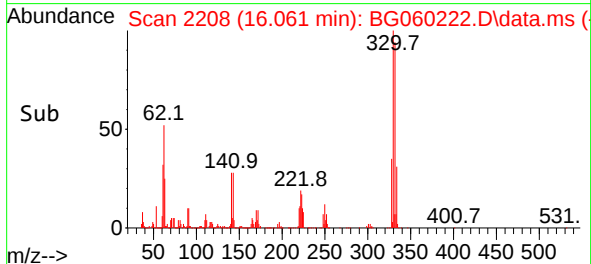
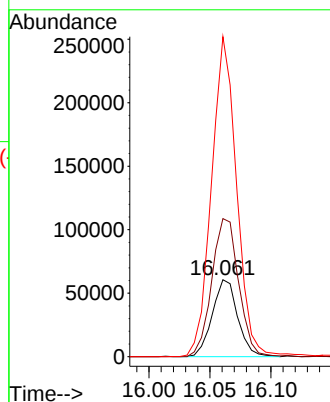
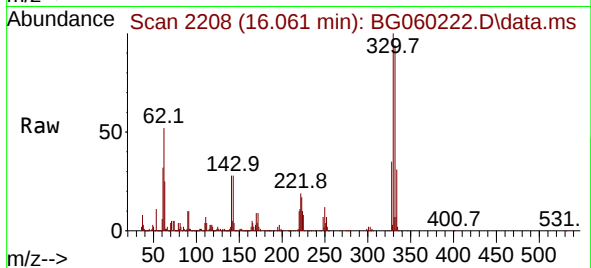




#67
4-Bromophenyl-phenylether
Concen: 4.134 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

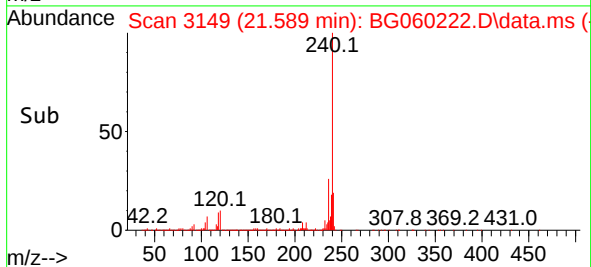
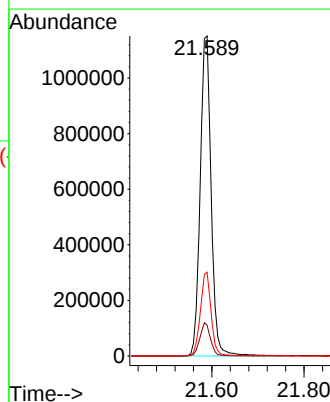
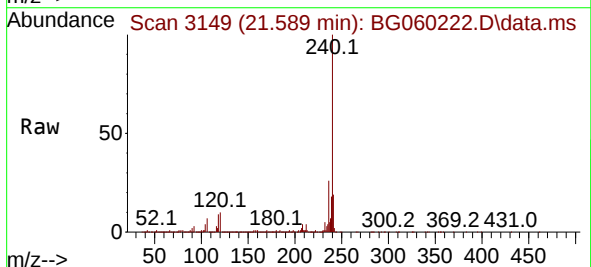
Instrument :
BNA_G
ClientSampleId :

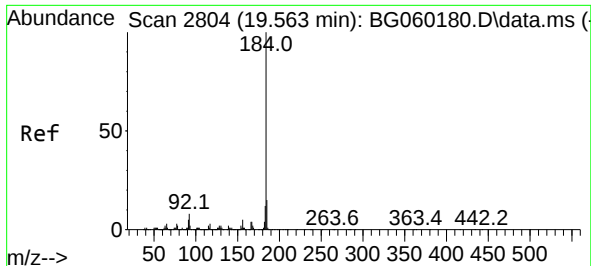
Tgt Ion:248 Resp: 87918
Ion Ratio Lower Upper
248 100
250 179.4 76.2 114.4#
141 415.9 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion:240 Resp: 1905243
Ion Ratio Lower Upper
240 100
120 9.6 8.5 12.7
236 26.1 21.4 32.2

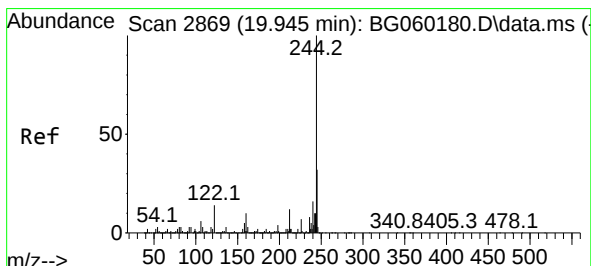
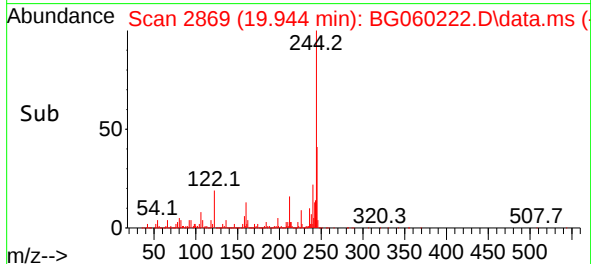
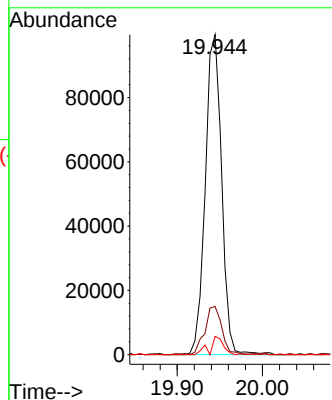
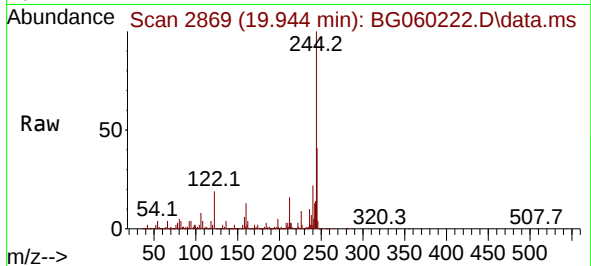




#77
Benzidine
Concen: 2.516 ng
RT: 19.944 min Scan# 2869
Delta R.T. 0.381 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

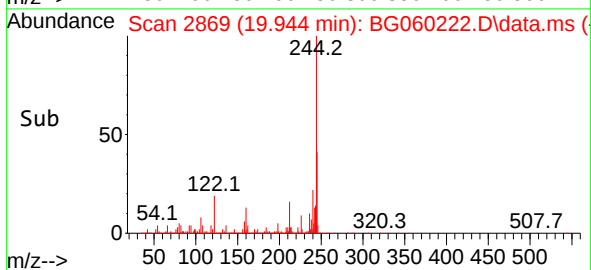
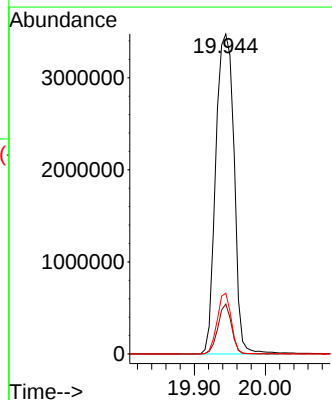
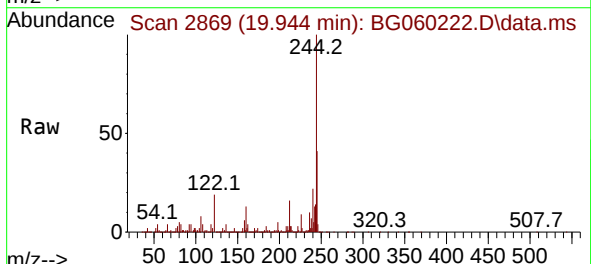
Instrument :
BNA_G
ClientSampleId :

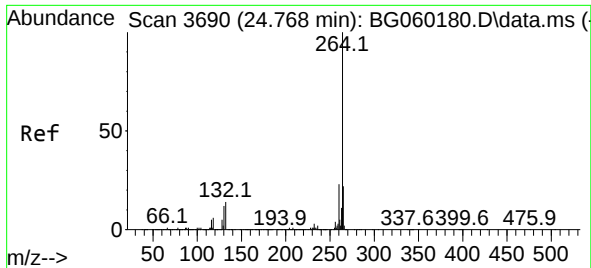
Tgt Ion:184 Resp: 132649
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 5.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 62.417 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.001 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

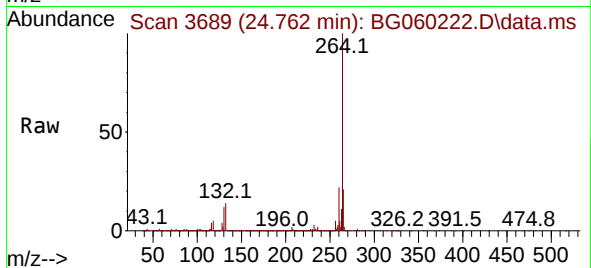
Tgt Ion:244 Resp: 6185722
Ion Ratio Lower Upper
244 100
212 15.6 9.5 14.3#
122 19.0 11.4 17.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.762 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 2137398

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.0	27.0
265	20.9	17.4	26.0

