

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060392.D
 Acq On : 22 Jan 2024 19:48
 Operator : MA/JU
 Sample : P1207-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 23 00:39:33 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)

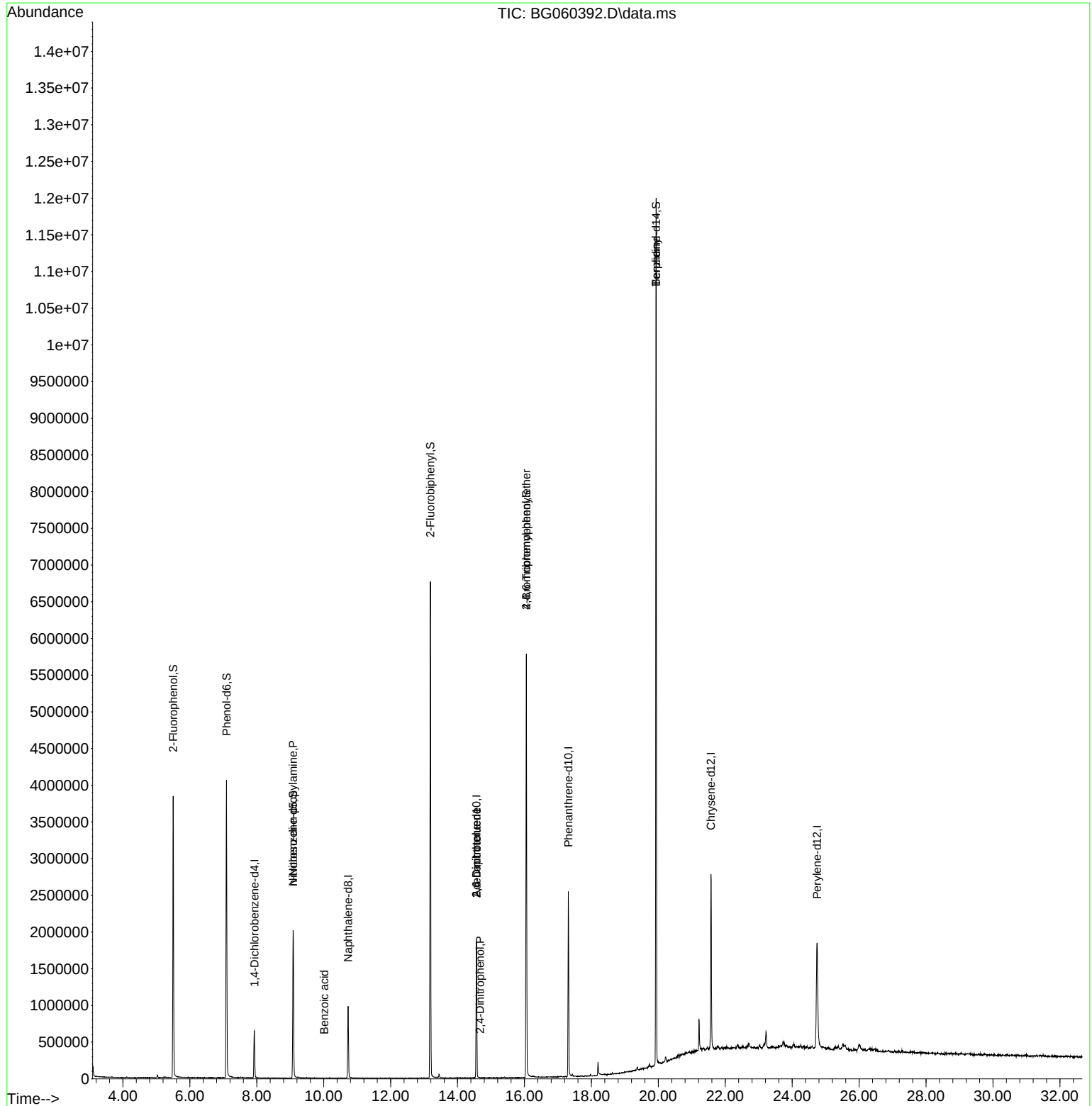
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	211938	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	896015	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	687402	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1686891	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1493643	20.000	ng	0.00
86) Perylene-d12	24.739	264	1719770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1849682	143.548	ng	0.00
7) Phenol-d6	7.095	99	2748484	144.048	ng	0.00
23) Nitrobenzene-d5	9.086	82	1403019	73.939	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1295940	128.138	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3680519	74.441	ng	0.00
79) Terphenyl-d14	19.932	244	5433915	96.564	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.086	70	170319	12.897	ng	# 83
32) Benzoic acid	10.015	122	60	10.206	ng	# 1
51) 2,6-Dinitrotoluene	14.562	165	93450	8.337	ng	# 34
54) 2,4-Dinitrophenol	14.674	184	55	8.594	ng	# 27
57) 2,4-Dinitrotoluene	14.562	165	93450	6.080	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	84085	4.536	ng	# 1
77) Benzidine	19.932	184	95394	2.940	ng	# 95

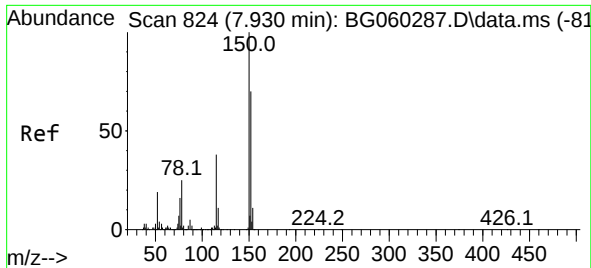
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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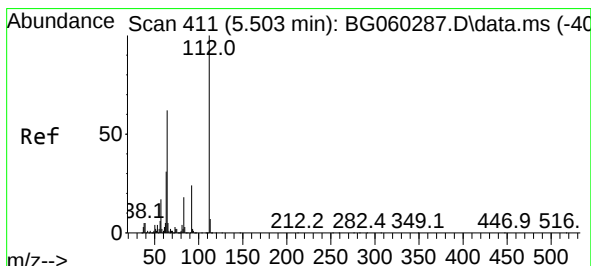
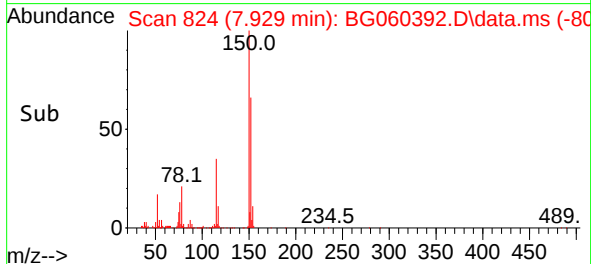
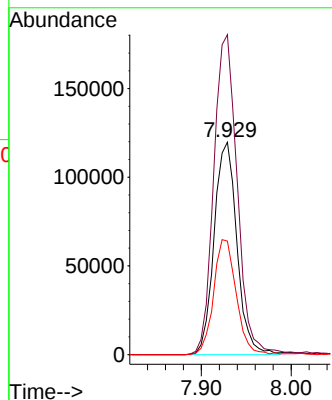
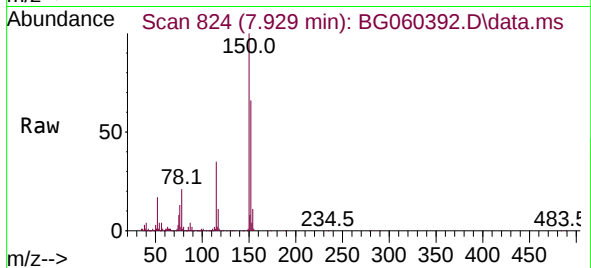




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

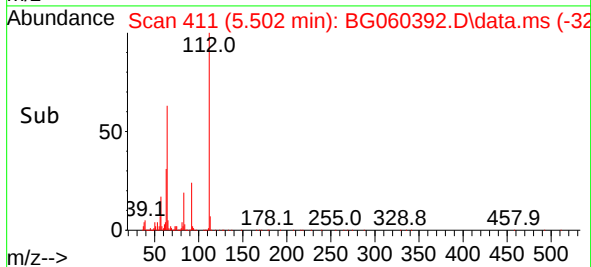
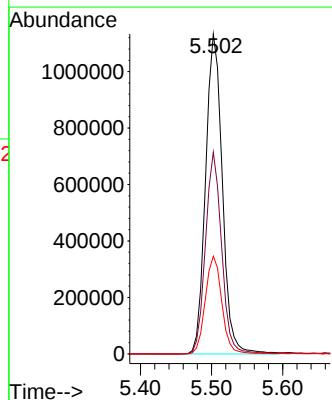
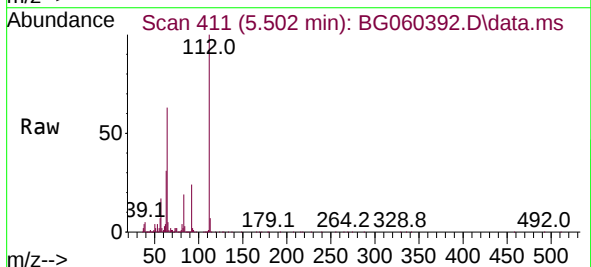
Instrument :
BNA_G
ClientSampleId :

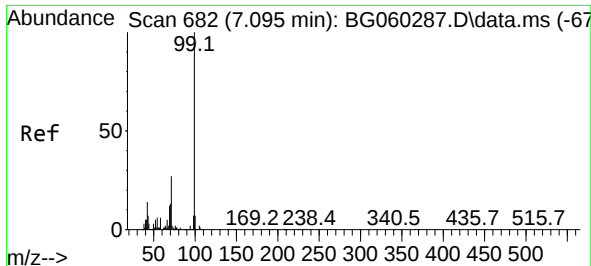
Tgt Ion:152 Resp: 211938
Ion Ratio Lower Upper
152 100
150 150.6 114.5 171.7
115 53.4 43.0 64.6



#5
2-Fluorophenol
Concen: 143.548 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

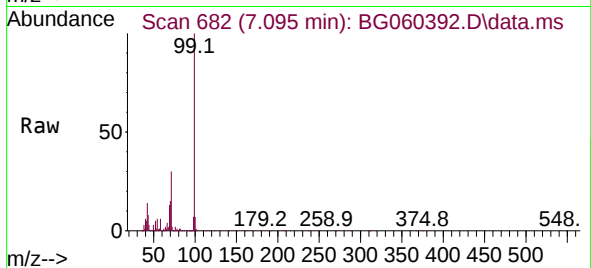
Tgt Ion:112 Resp: 1849682
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.6
63 30.5 24.4 36.6





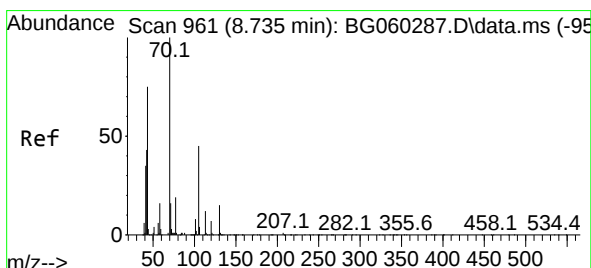
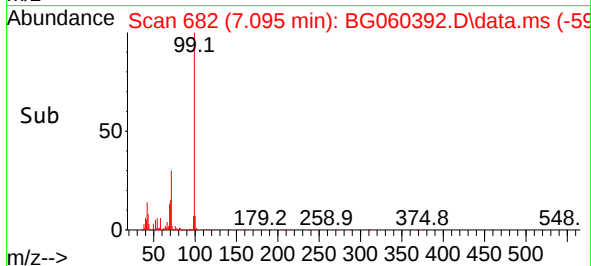
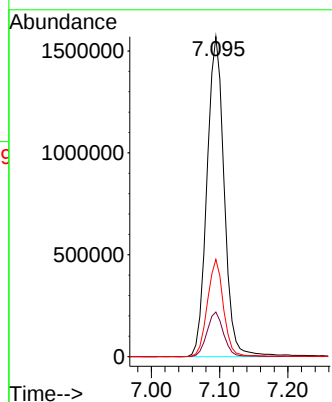
#7
Phenol-d6
Concen: 144.048 ng
RT: 7.095 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 99 Resp: 2748484

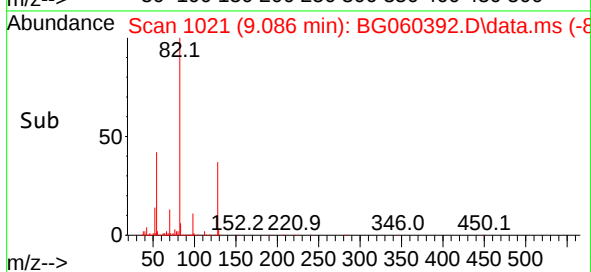
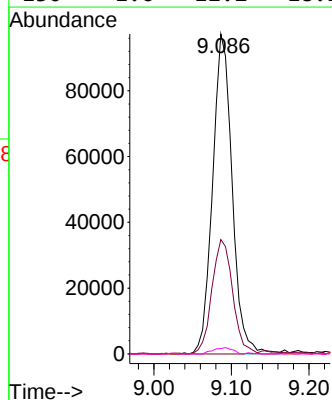
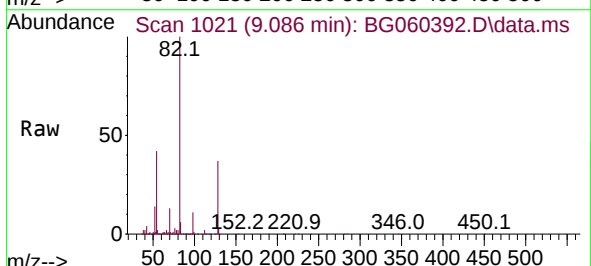
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	30.4	21.5	32.3

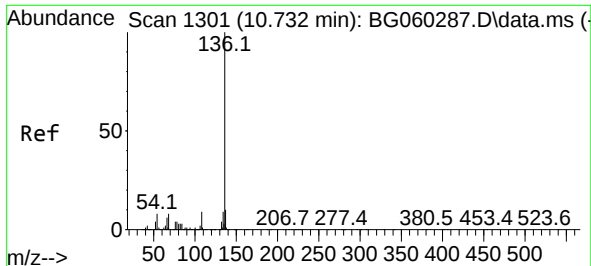


#19
n-Nitroso-di-n-propylamine
Concen: 12.897 ng
RT: 9.086 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

Tgt Ion: 70 Resp: 170319

Ion	Ratio	Lower	Upper
70	100		
42	35.7	34.3	51.5
101	0.0	6.2	9.2#
130	1.6	12.2	18.2#

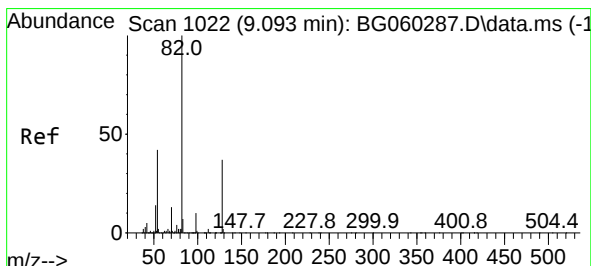
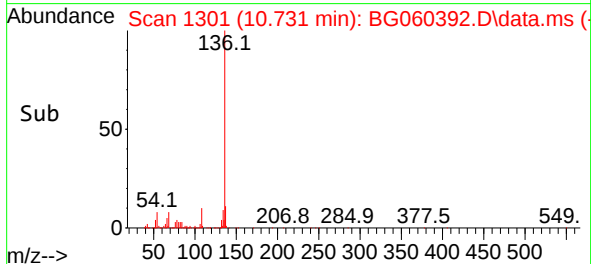
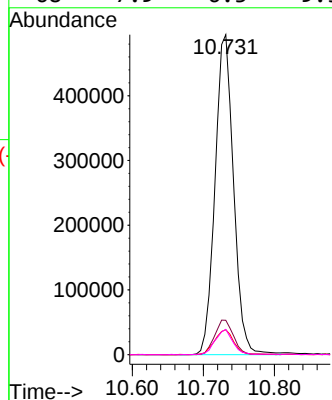
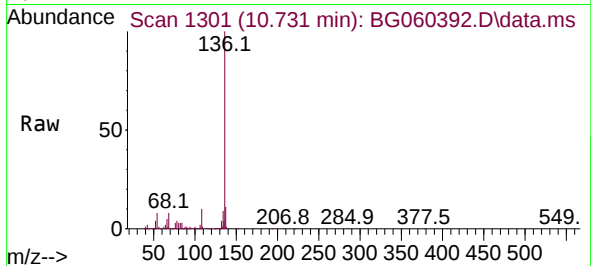




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

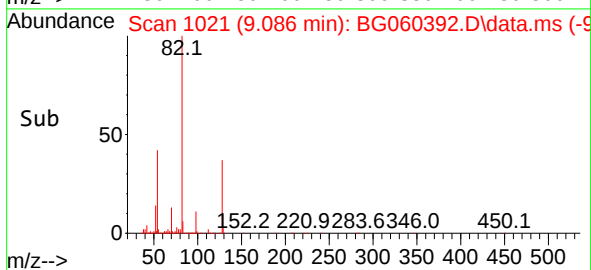
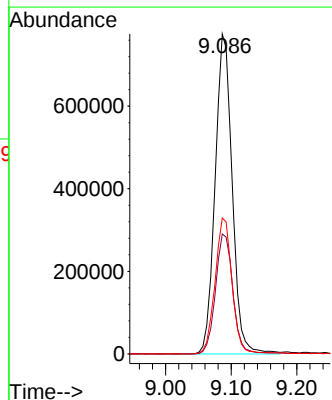
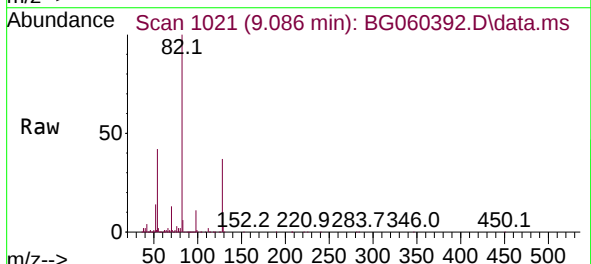
Instrument :
BNA_G
ClientSampleId :

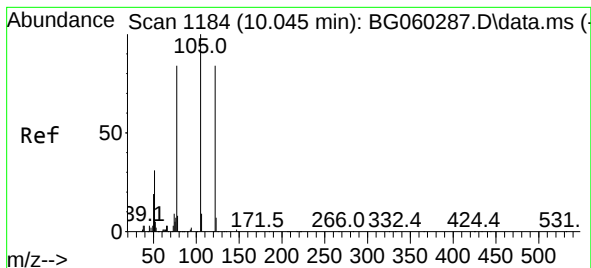
Tgt Ion:	136	Resp:	896015
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.4
54	7.8	6.2	9.2
68	7.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 73.939 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.007 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

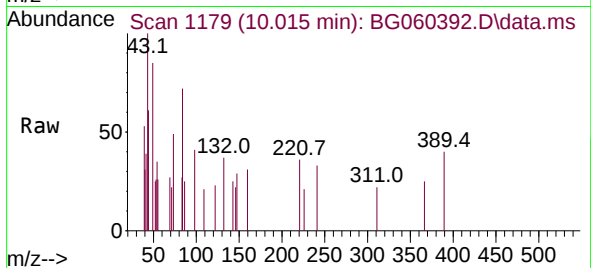
Tgt Ion:	82	Resp:	1403019
Ion Ratio	Lower	Upper	
82	100		
128	37.5	29.6	44.4
54	42.5	33.6	50.4



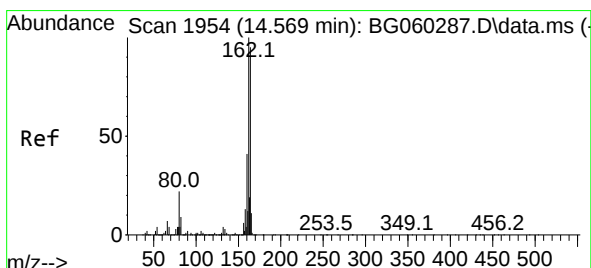
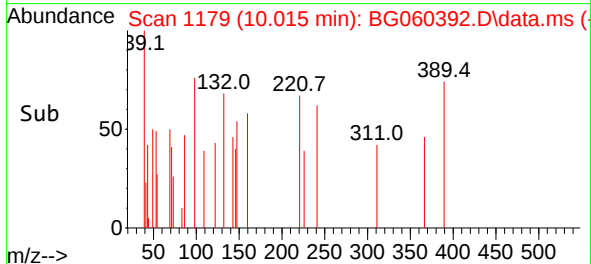
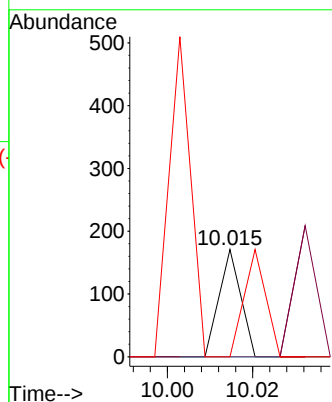


#32
Benzoic acid
Concen: 10.206 ng
RT: 10.015 min Scan# 1184
Delta R.T. -0.030 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

Instrument :
BNA_G
ClientSampleId :

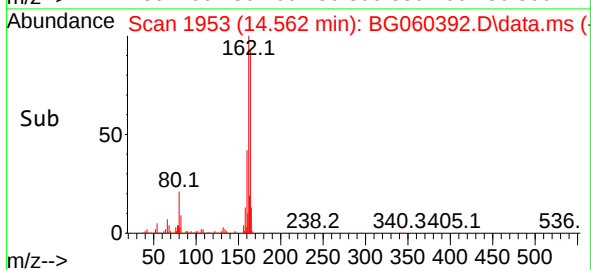
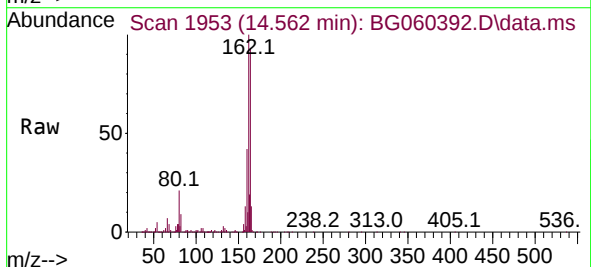
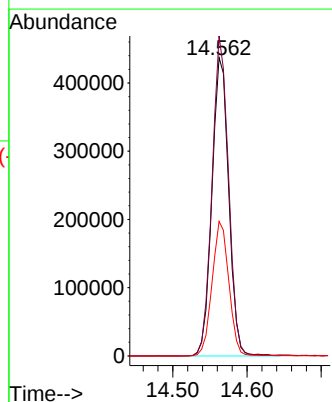


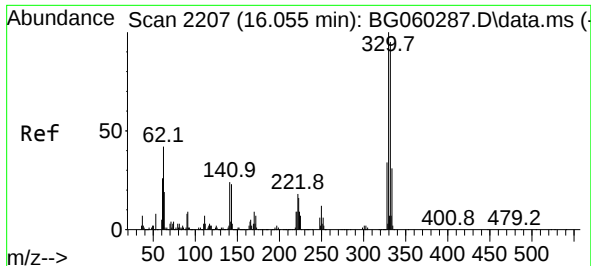
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

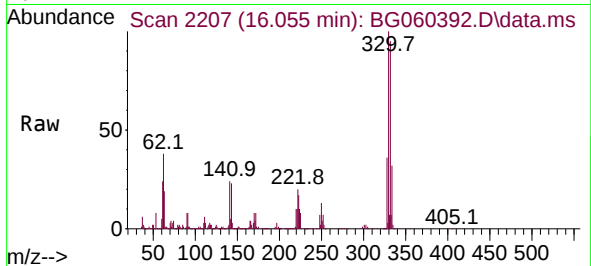
Tgt Ion:164 Resp: 687402
Ion Ratio Lower Upper
164 100
162 107.3 84.4 126.6
160 45.1 34.6 52.0



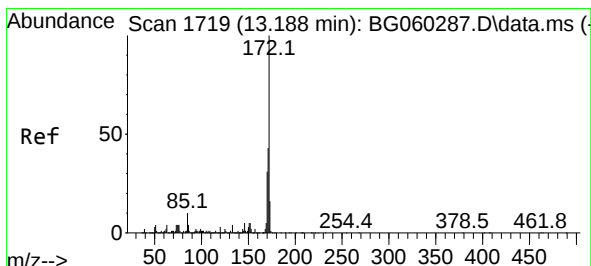
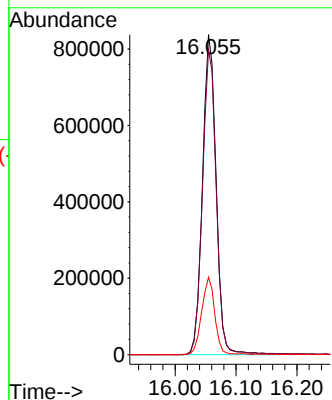
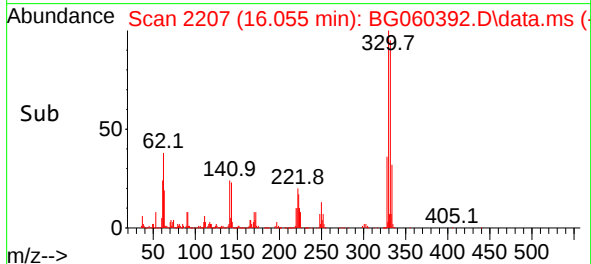


#42
2,4,6-Tribromophenol
Concen: 128.138 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

Instrument :
BNA_G
ClientSampleId :

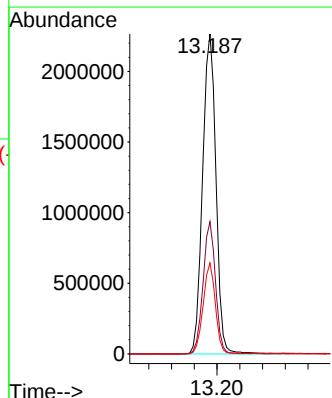
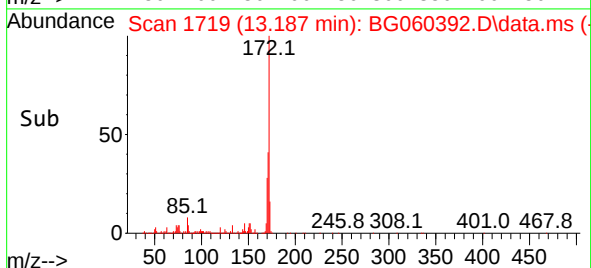
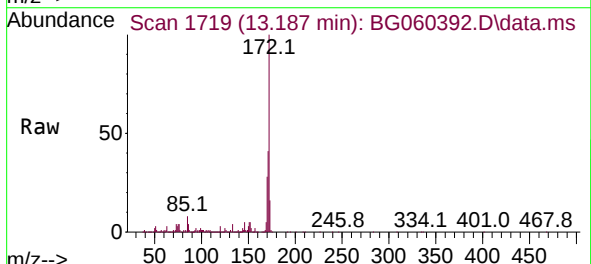


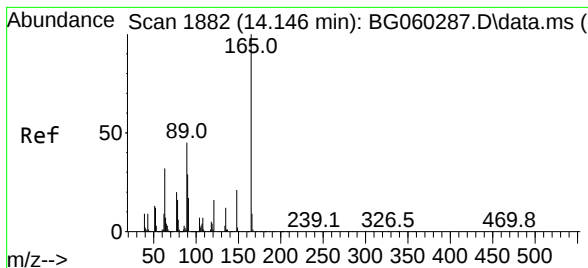
Tgt Ion:330 Resp: 1295940
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 23.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 74.441 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

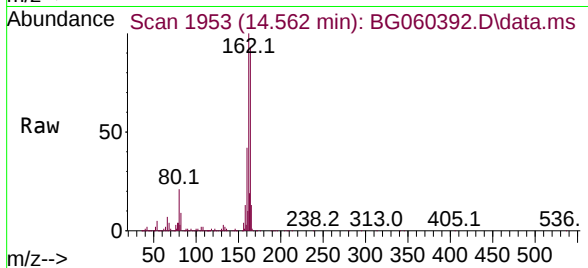
Tgt Ion:172 Resp: 3680519
Ion Ratio Lower Upper
172 100
171 41.3 34.6 51.8
170 28.4 24.4 36.6



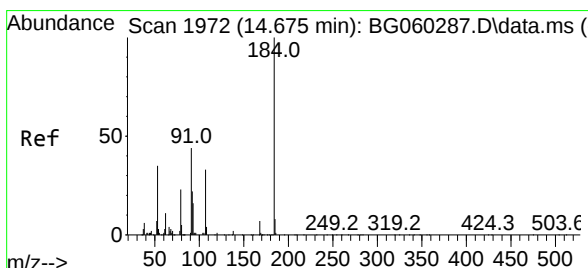
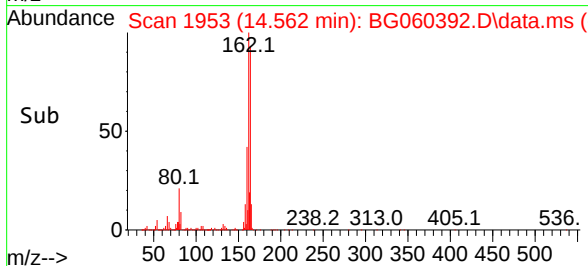
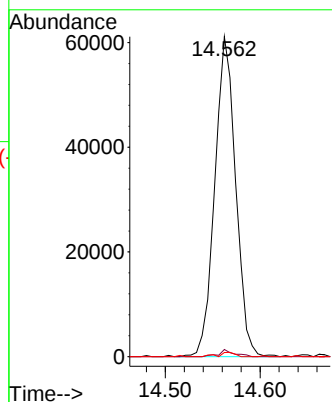


#51
2,6-Dinitrotoluene
Concen: 8.337 ng
RT: 14.562 min Scan# 1953
Delta R.T. 0.416 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

Instrument :
BNA_G
ClientSampleId :

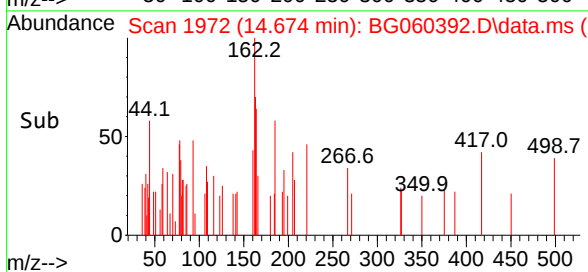
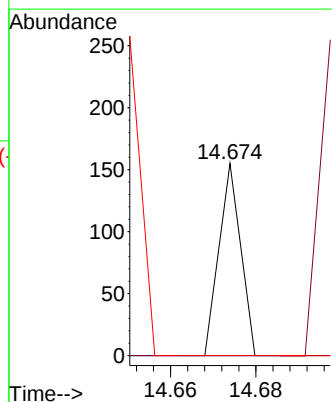
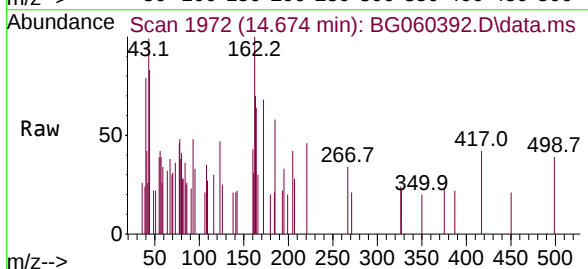


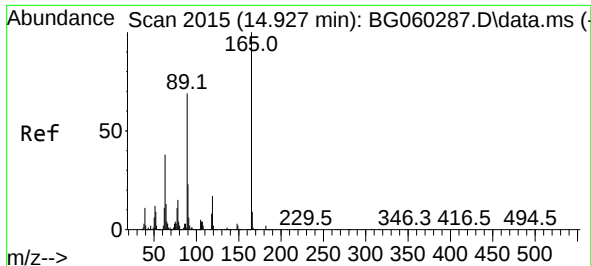
Tgt Ion:165 Resp: 93450
Ion Ratio Lower Upper
165 100
63 2.2 35.0 52.4#
89 1.3 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.594 ng
RT: 14.674 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

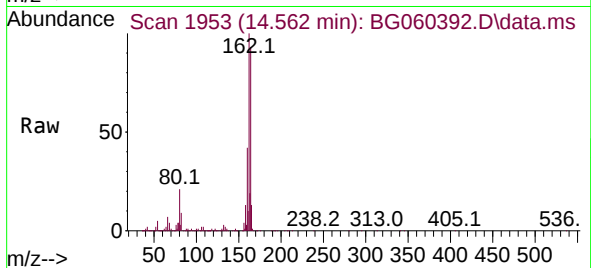
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#



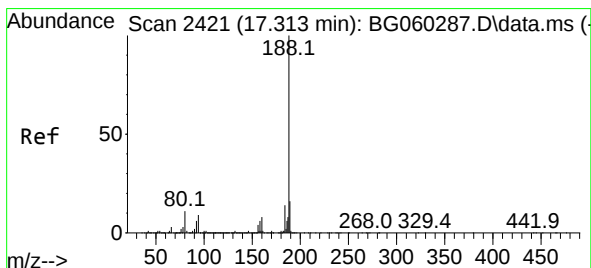
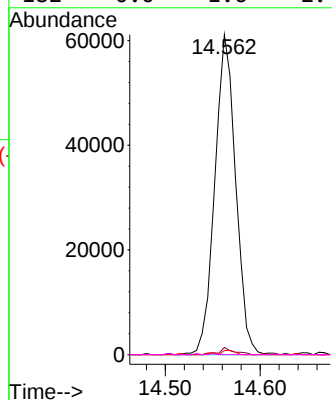
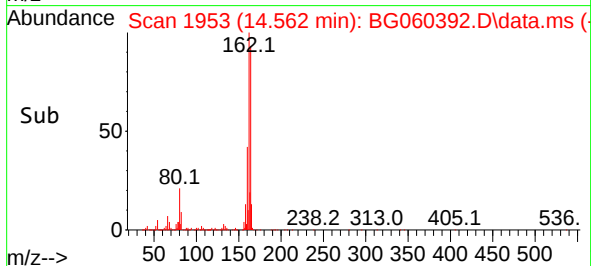


#57
2,4-Dinitrotoluene
Concen: 6.080 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.365 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

Instrument :
BNA_G
ClientSampleId :

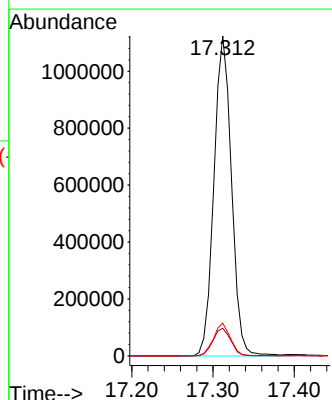
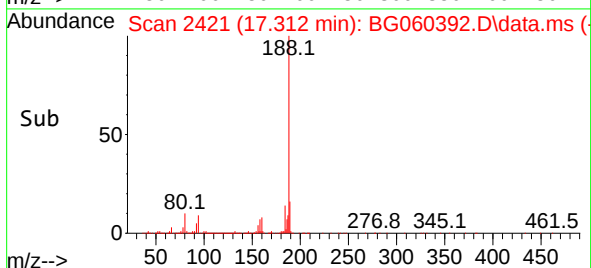
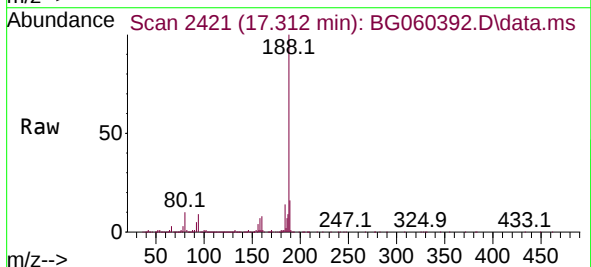


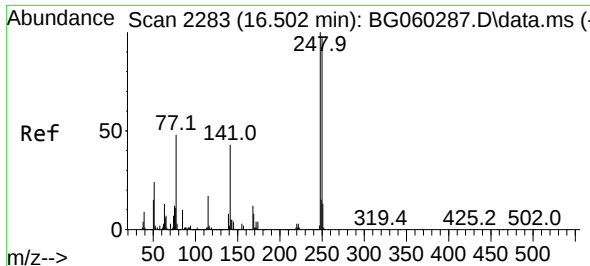
Tgt Ion:165 Resp: 93450
Ion Ratio Lower Upper
165 100
63 2.2 30.4 45.6#
89 1.3 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

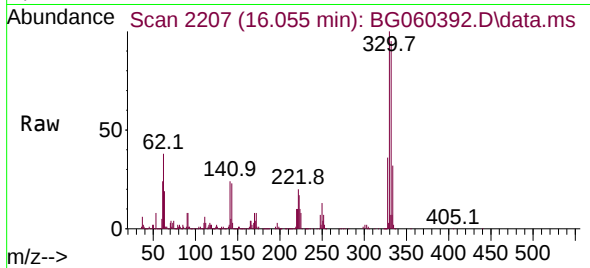
Tgt Ion:188 Resp: 1686891
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 10.2 8.5 12.7



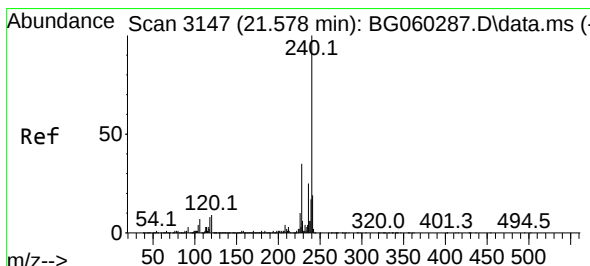
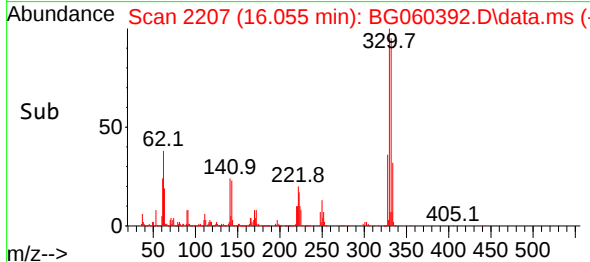
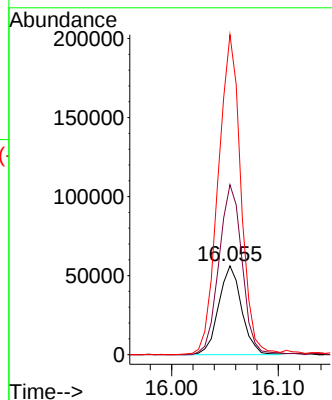


#67
4-Bromophenyl-phenylether
Concen: 4.536 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

Instrument :
BNA_G
ClientSampleId :

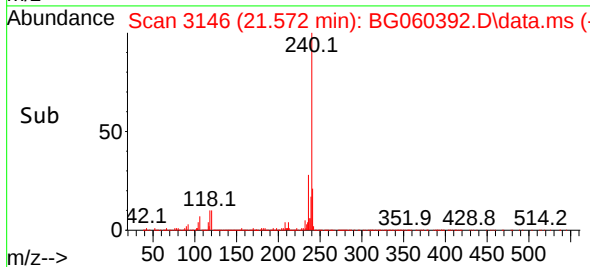
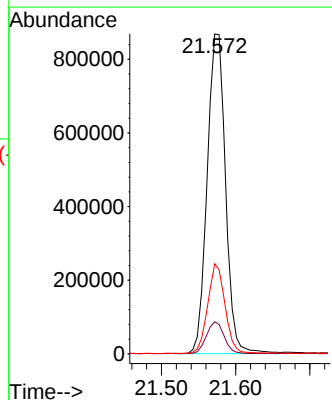
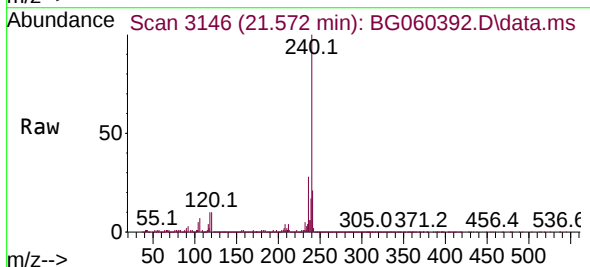


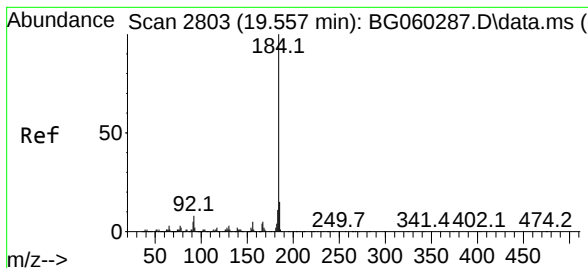
Tgt Ion:248 Resp: 84085
Ion Ratio Lower Upper
248 100
250 191.5 77.6 116.4#
141 360.8 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060392.D
Acq: 22 Jan 2024 19:48

Tgt Ion:240 Resp: 1493643
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 28.2 20.3 30.5





#77

Benzidine

Concen: 2.940 ng

RT: 19.932 min Scan# 2867

Delta R.T. 0.375 min

Lab File: BG060392.D

Acq: 22 Jan 2024 19:48

Instrument :

BNA_G

ClientSampleId :

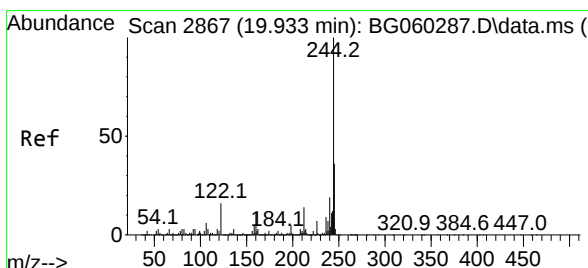
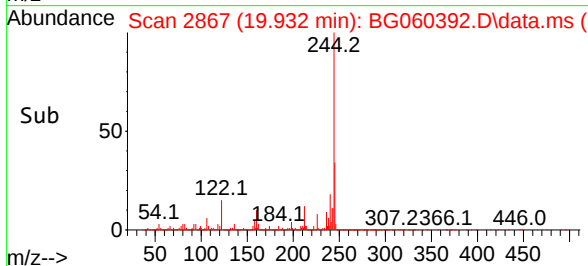
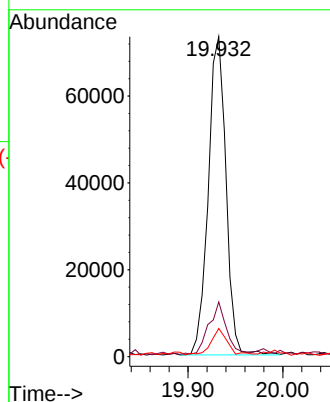
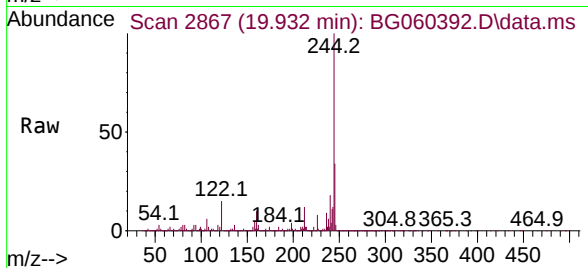
Tgt Ion:184 Resp: 95394

Ion Ratio Lower Upper

184 100

185 17.1 12.2 18.4

183 8.8 9.0 13.4#



#79

Terphenyl-d14

Concen: 96.564 ng

RT: 19.932 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG060392.D

Acq: 22 Jan 2024 19:48

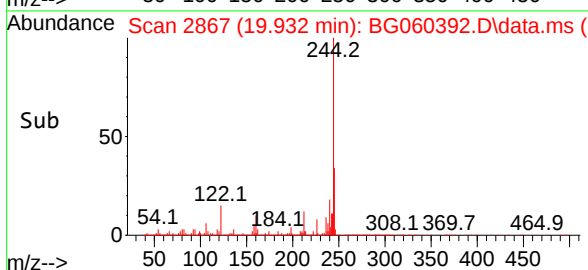
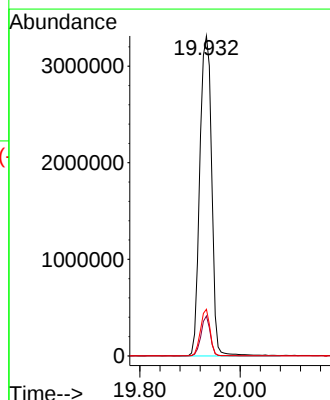
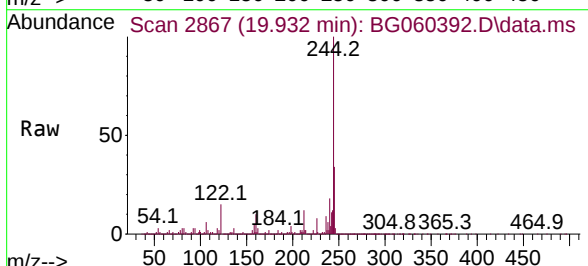
Tgt Ion:244 Resp: 5433915

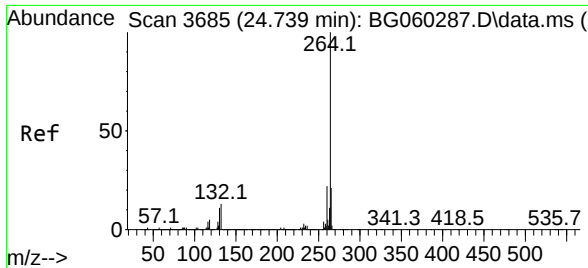
Ion Ratio Lower Upper

244 100

212 12.5 10.9 16.3

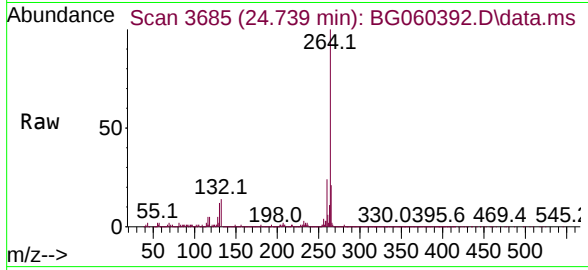
122 14.6 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG060392.D
 Acq: 22 Jan 2024 19:48

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1719770
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 21.3 16.8 25.2

