

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060268.D
 Acq On : 5 Jan 2024 13:16
 Operator : MA/JU
 Sample : 05964-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 13:56:22 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)

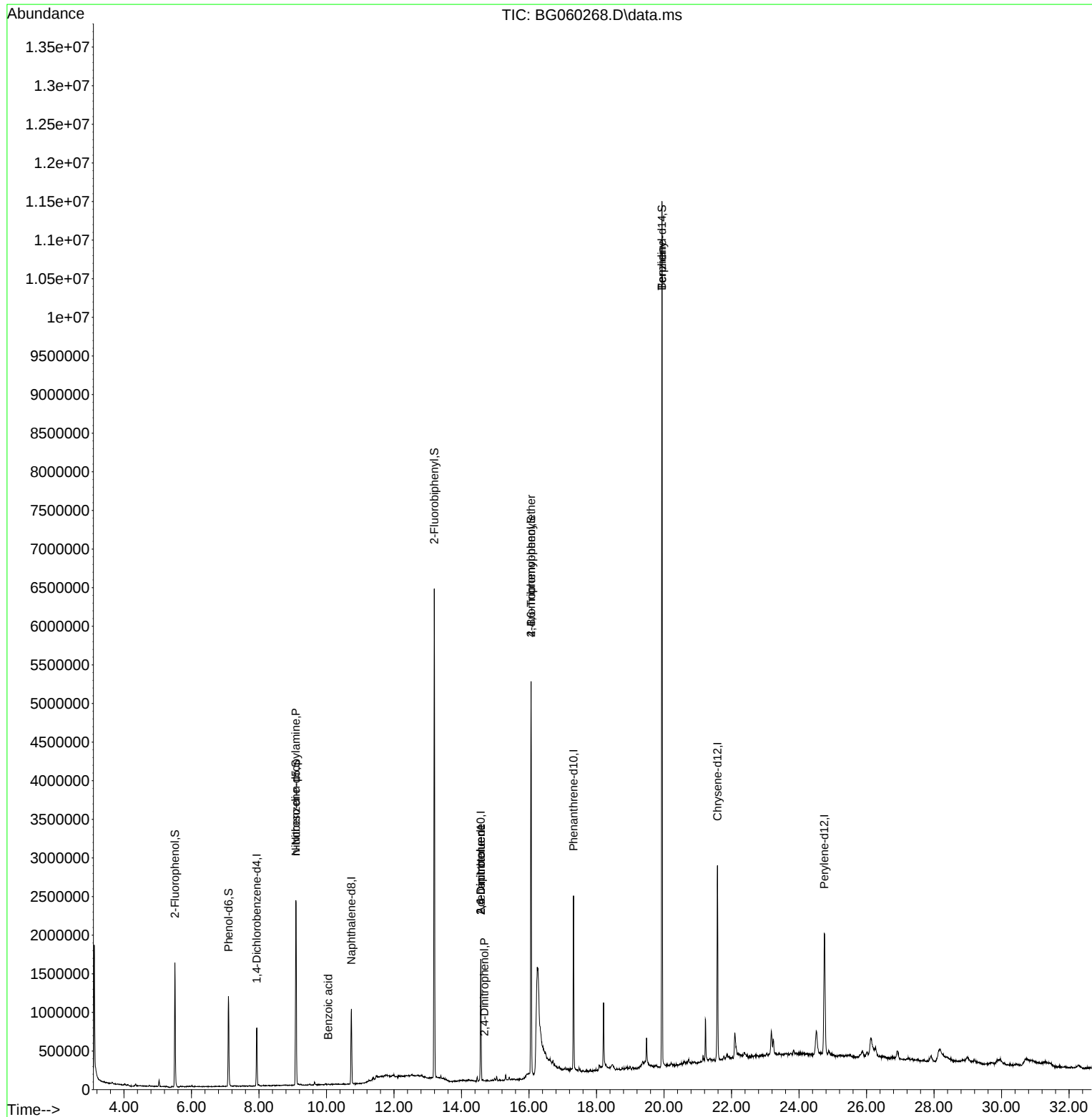
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	230575	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	866047	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	575825	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1430385	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1496677	20.000	ng	0.00
86) Perylene-d12	24.750	264	1719695	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	771938	50.531	ng	0.00
7) Phenol-d6	7.095	99	792728	34.949	ng	0.00
23) Nitrobenzene-d5	9.092	82	1661391	88.609	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	1066241	138.329	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3405152	84.990	ng	0.00
79) Terphenyl-d14	19.938	244	5064960	65.060	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	205241	13.245	ng	# 83
32) Benzoic acid	10.050	122	1016	10.364	ng	# 28
51) 2,6-Dinitrotoluene	14.568	165	77390	8.369	ng	# 30
54) 2,4-Dinitrophenol	14.680	184	163	8.263	ng	# 1
57) 2,4-Dinitrotoluene	14.568	165	77390	6.155	ng	# 27
67) 4-Bromophenyl-phenylether	16.061	248	63376	4.179	ng	# 1
77) Benzidine	19.938	184	87316	2.108	ng	# 90

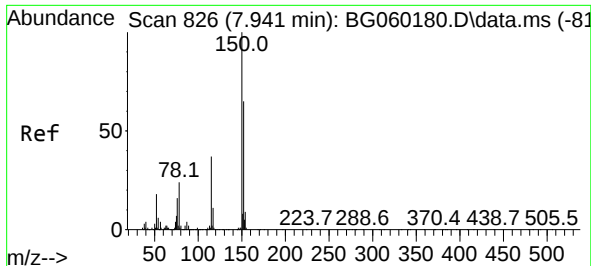
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
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BNA_G
ClientSampleId :

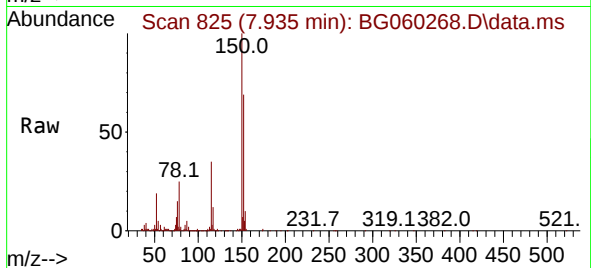
Quant Time: Jan 05 13:56:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration



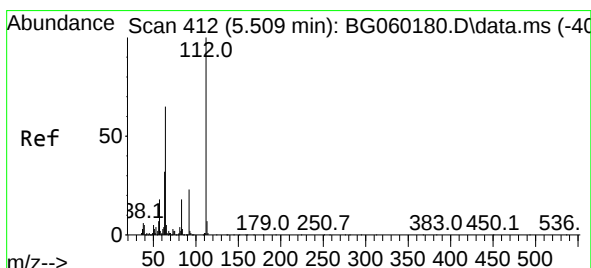
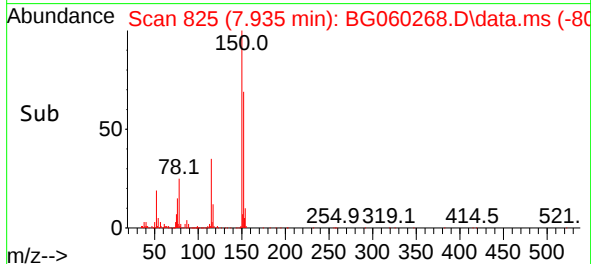
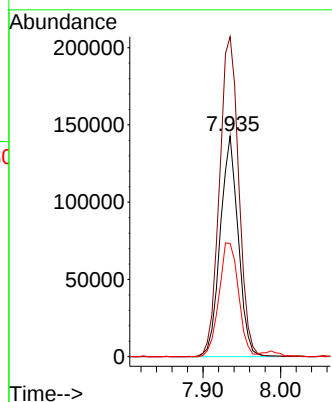


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Instrument :
BNA_G
ClientSampleId :

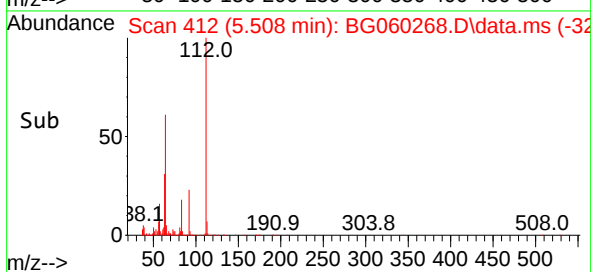
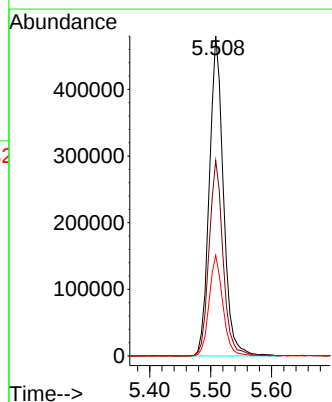
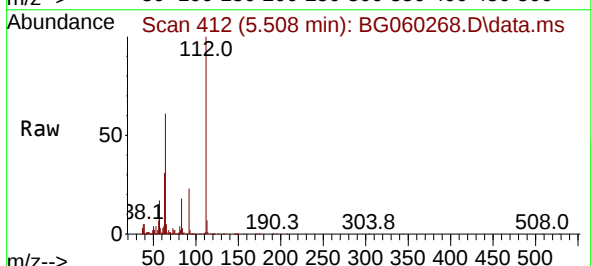


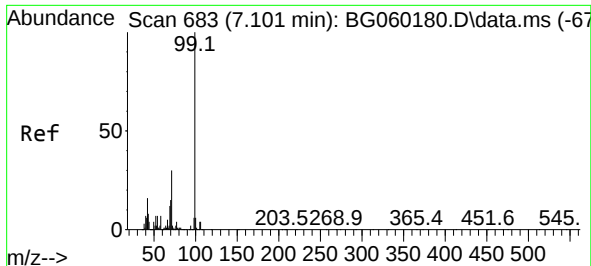
Tgt Ion:152 Resp: 230575
Ion Ratio Lower Upper
152 100
150 145.0 123.4 185.0
115 51.3 45.4 68.0



#5
2-Fluorophenol
Concen: 50.531 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Tgt Ion:112 Resp: 771938
Ion Ratio Lower Upper
112 100
64 61.0 52.2 78.4
63 31.4 25.4 38.0

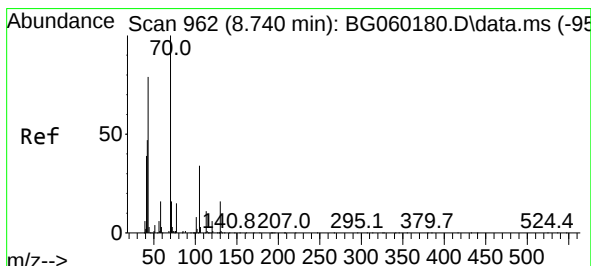
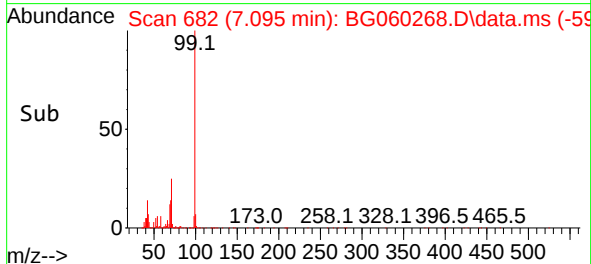
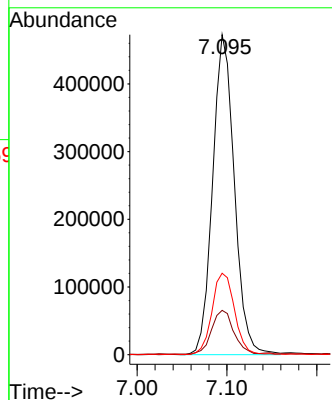
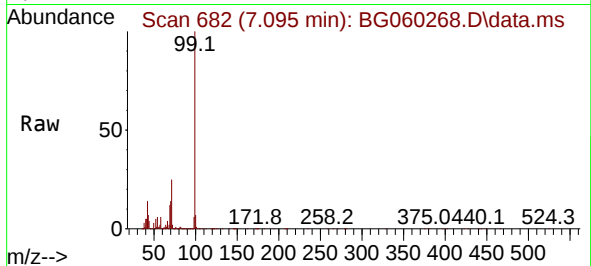




#7
Phenol-d6
Concen: 34.949 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

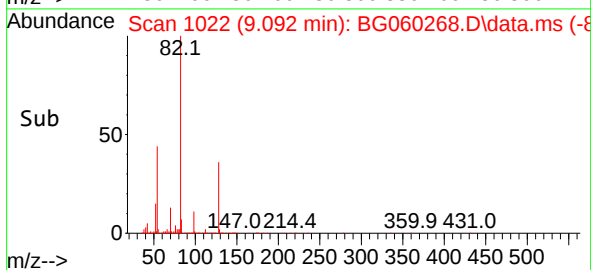
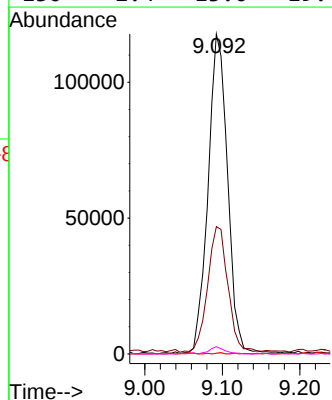
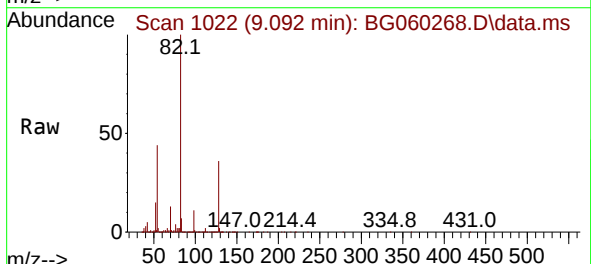
Instrument :
BNA_G
ClientSampleId :

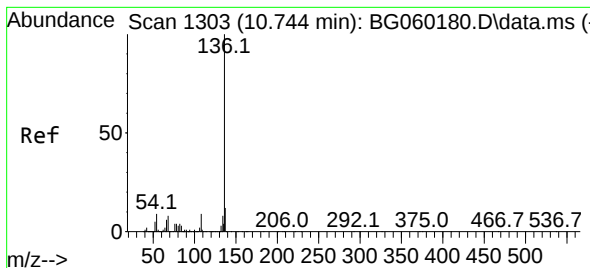
Tgt Ion: 99 Resp: 792728
Ion Ratio Lower Upper
99 100
42 13.8 12.5 18.7
71 25.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.245 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.352 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Tgt Ion: 70 Resp: 205241
Ion Ratio Lower Upper
70 100
42 39.8 37.9 56.9
101 0.2 6.2 9.2#
130 2.4 13.0 19.4#

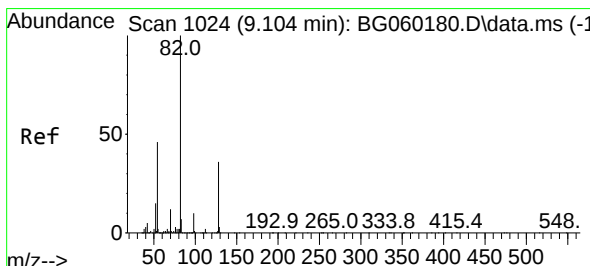
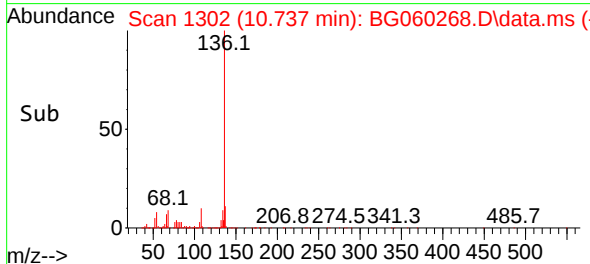
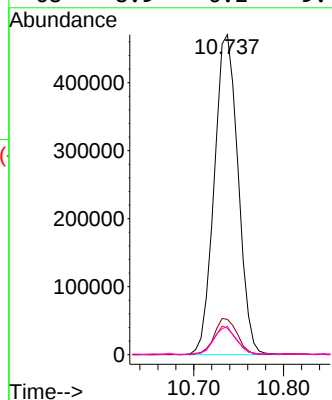
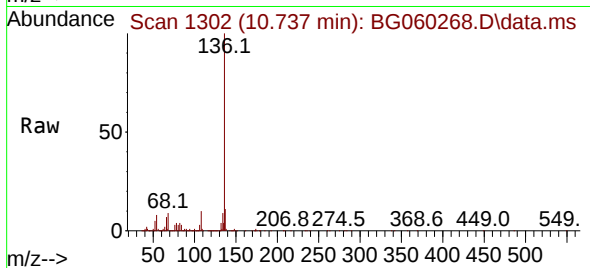




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

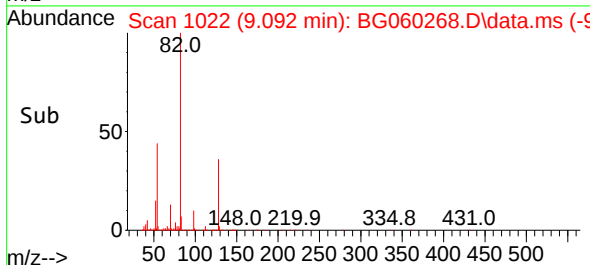
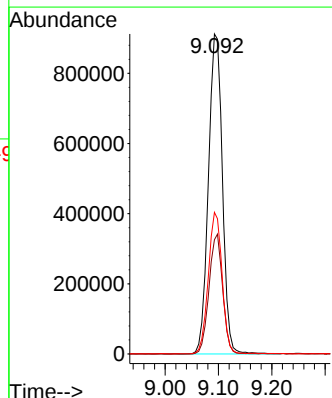
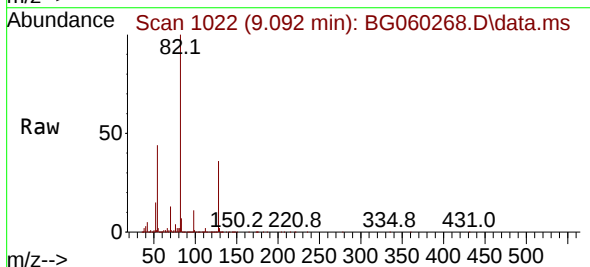
Instrument :
BNA_G
ClientSampleId :

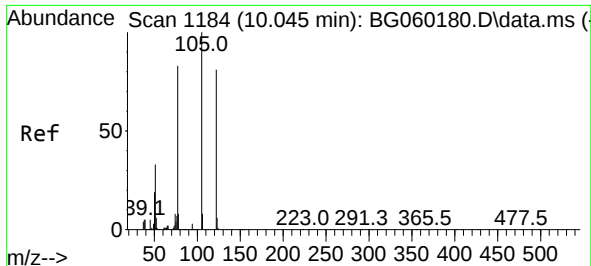
Tgt Ion:136 Resp: 866047
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 8.3 7.4 11.2
68 8.9 6.2 9.4



#23
Nitrobenzene-d5
Concen: 88.609 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Tgt Ion: 82 Resp: 1661391
Ion Ratio Lower Upper
82 100
128 35.7 28.7 43.1
54 44.2 36.9 55.3

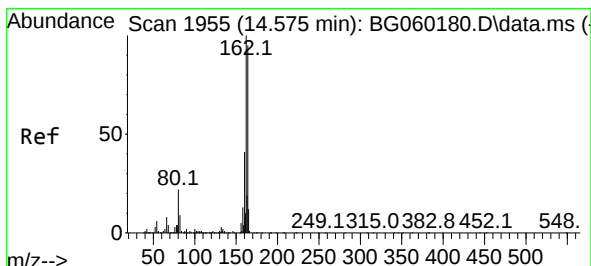
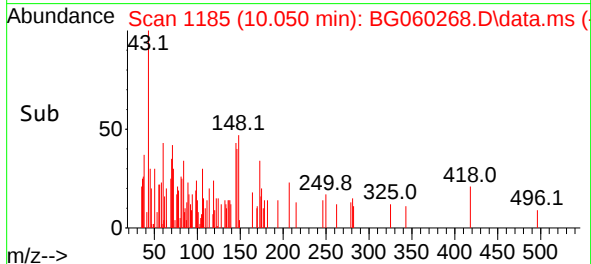
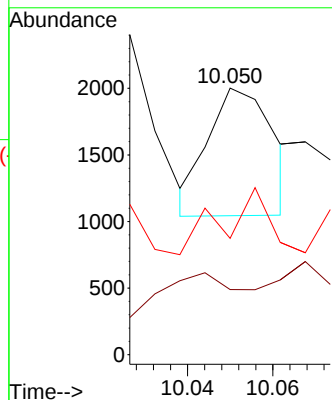
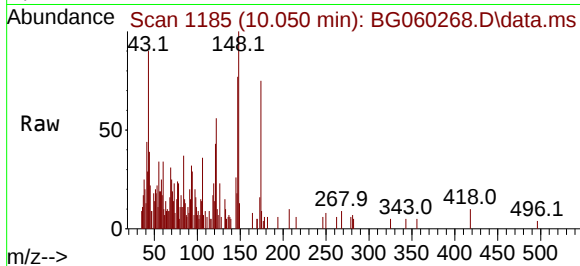




#32
Benzoic acid
Concen: 10.364 ng
RT: 10.050 min Scan# 1185
Delta R.T. 0.005 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

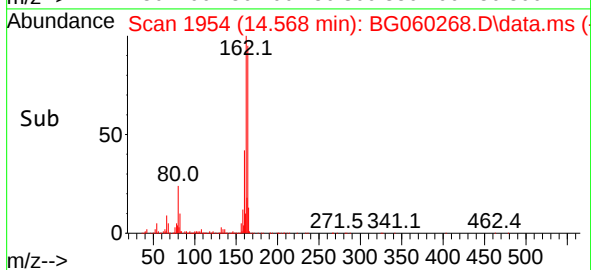
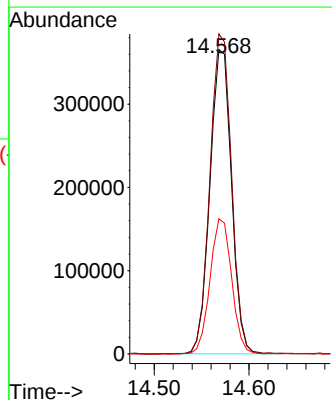
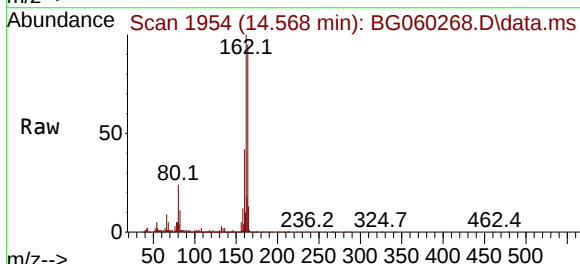
Instrument :
BNA_G
ClientSampleId :

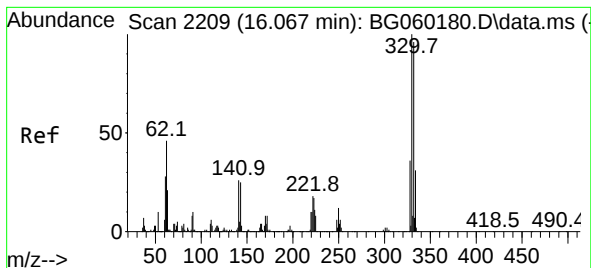
Tgt Ion:122 Resp: 1016
Ion Ratio Lower Upper
122 100
105 24.4 99.2 139.2#
77 43.7 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Tgt Ion:164 Resp: 575825
Ion Ratio Lower Upper
164 100
162 105.1 83.9 125.9
160 44.4 34.2 51.4

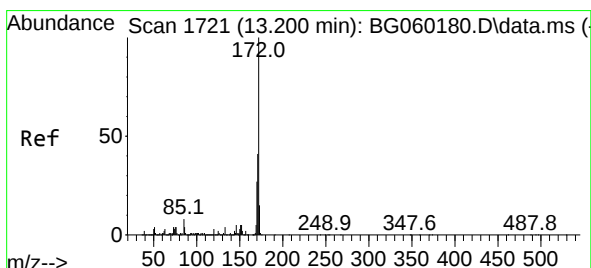
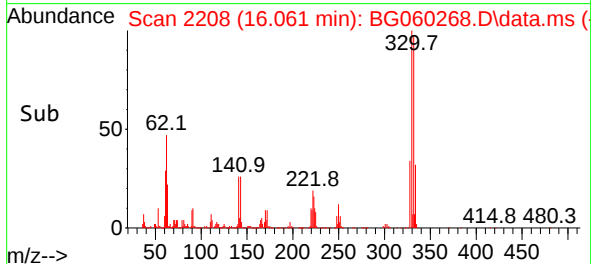
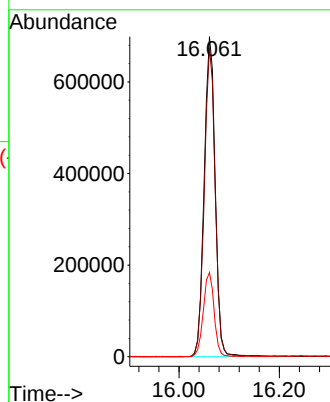
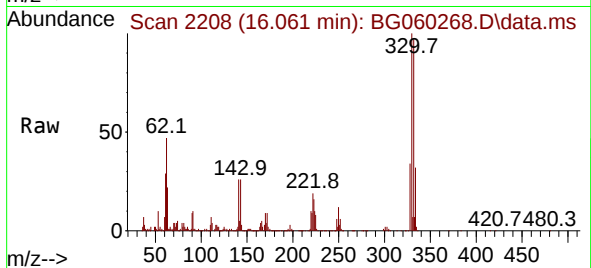




#42
2,4,6-Tribromophenol
Concen: 138.329 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

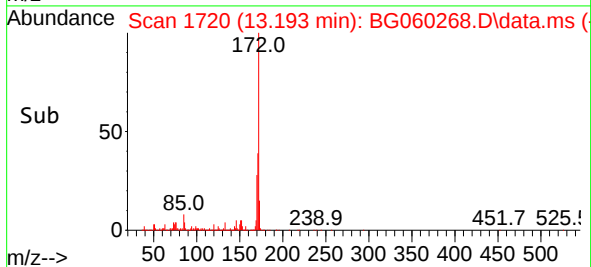
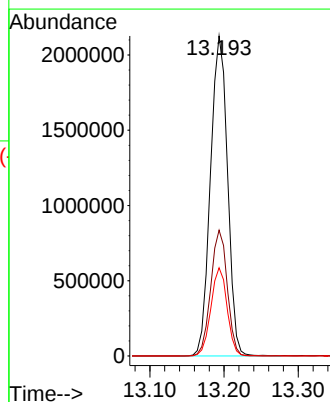
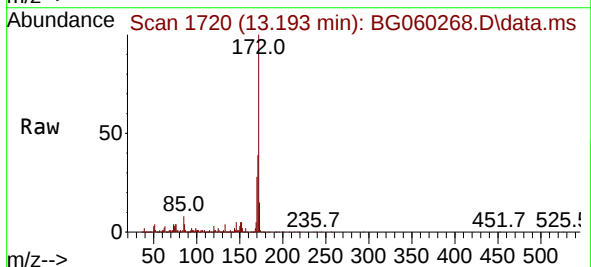
Instrument :
BNA_G
ClientSampleId :

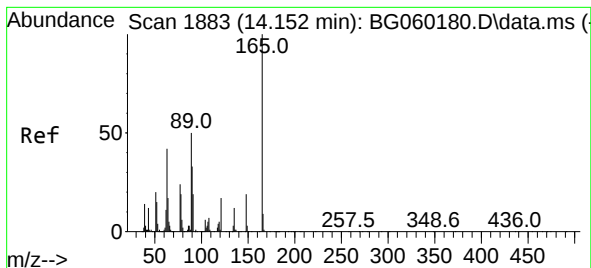
Tgt Ion:330 Resp: 1066241
Ion Ratio Lower Upper
330 100
332 95.5 76.7 115.1
141 25.7 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 84.990 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

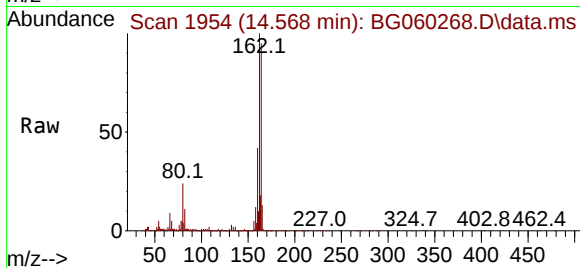
Tgt Ion:172 Resp: 3405152
Ion Ratio Lower Upper
172 100
171 39.3 32.6 48.8
170 27.6 21.8 32.6



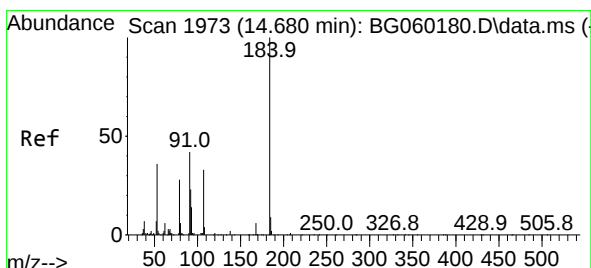
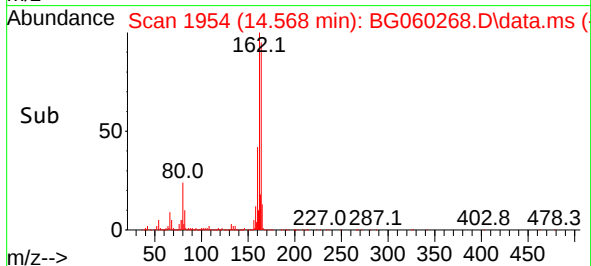
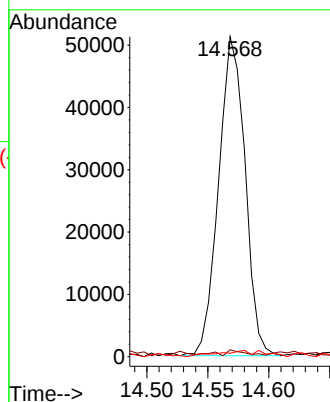


#51
2,6-Dinitrotoluene
Concen: 8.369 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.417 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Instrument :
BNA_G
ClientSampleId :

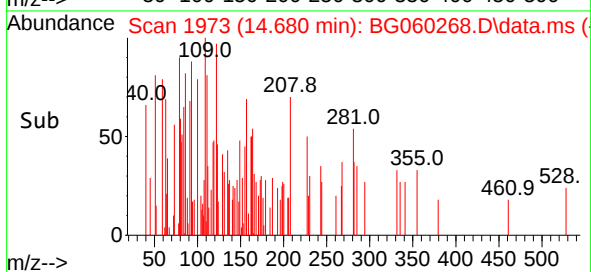
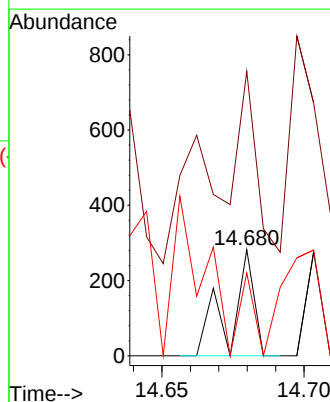
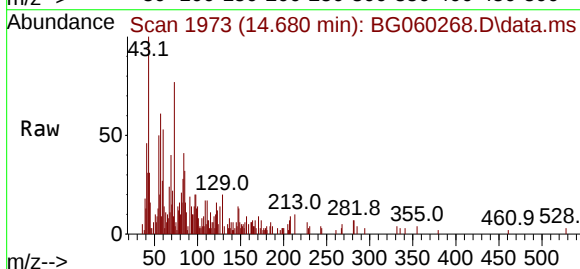


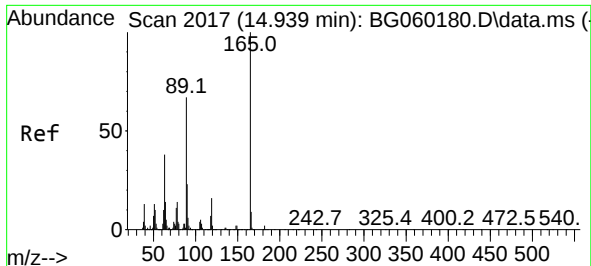
Tgt Ion:165 Resp: 77390
Ion Ratio Lower Upper
165 100
63 2.1 39.3 58.9#
89 1.0 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.263 ng
RT: 14.680 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

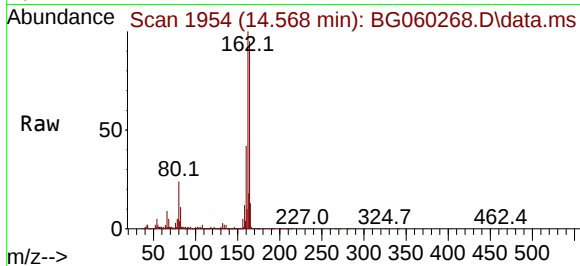
Tgt Ion:184 Resp: 163
Ion Ratio Lower Upper
184 100
63 268.1 45.4 68.2#
154 78.0 40.0 60.0#



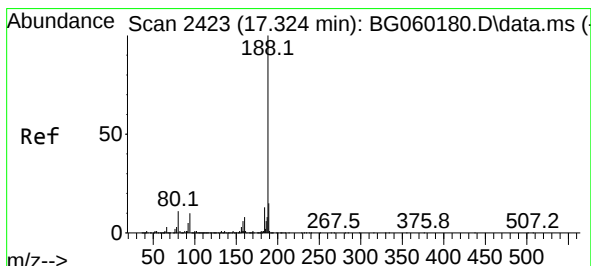
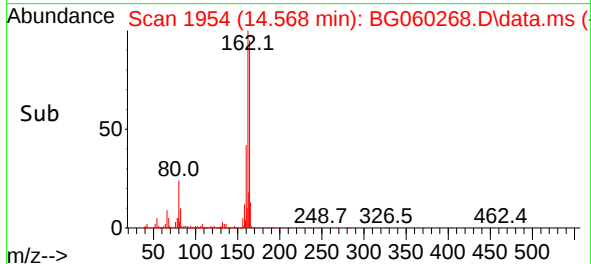
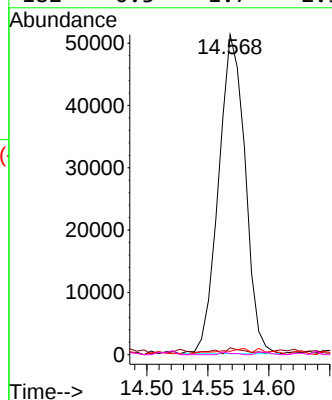


#57
2,4-Dinitrotoluene
Concen: 6.155 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.371 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Instrument :
BNA_G
ClientSampleId :

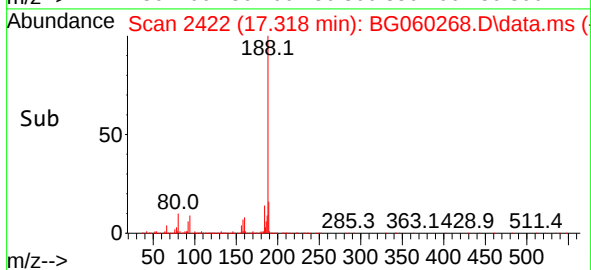
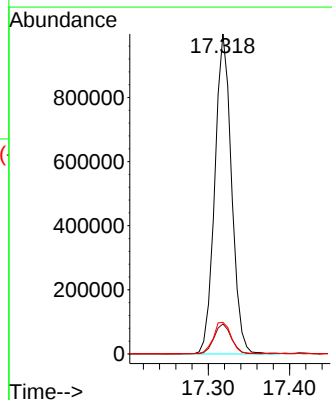
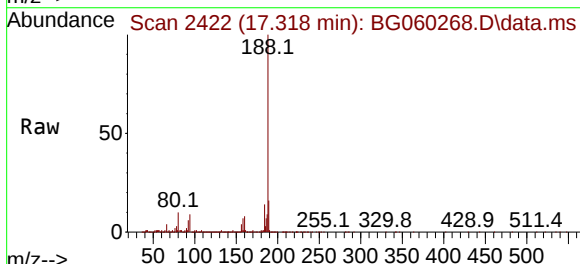


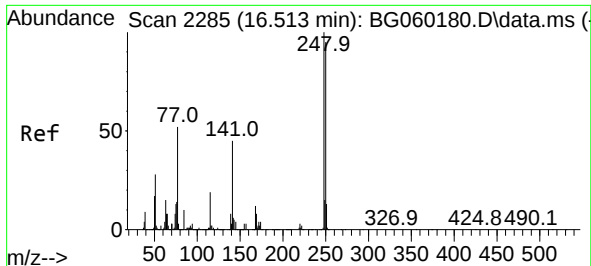
Tgt Ion:165 Resp: 77390
Ion Ratio Lower Upper
165 100
63 2.1 31.0 46.6#
89 1.0 53.3 79.9#
182 0.3 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Tgt Ion:188 Resp: 1430385
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 9.9 8.6 13.0

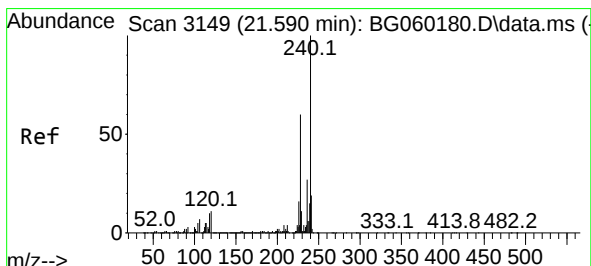
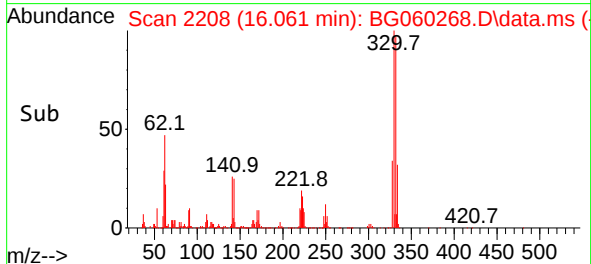
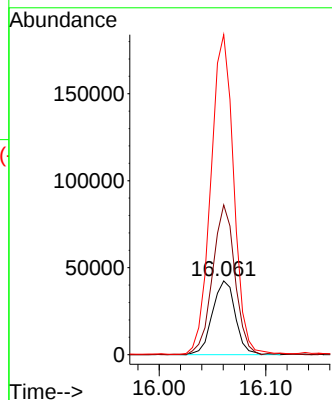
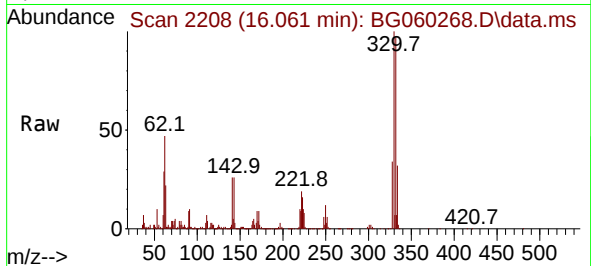




#67
4-Bromophenyl-phenylether
Concen: 4.179 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

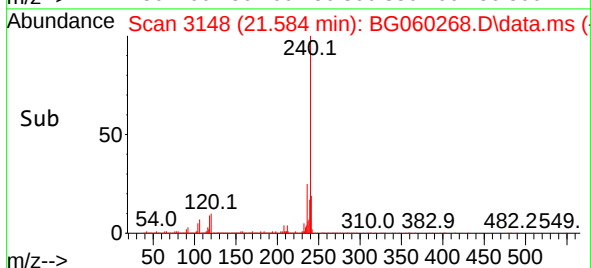
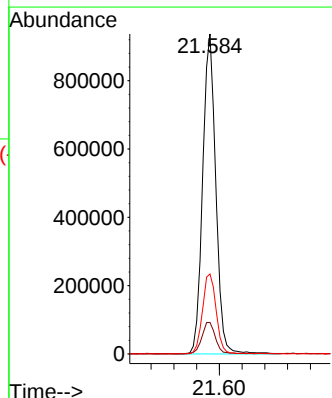
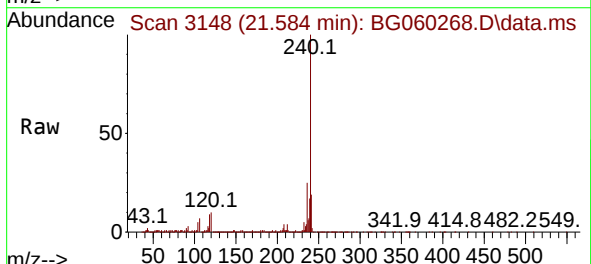
Instrument :
BNA_G
ClientSampleId :

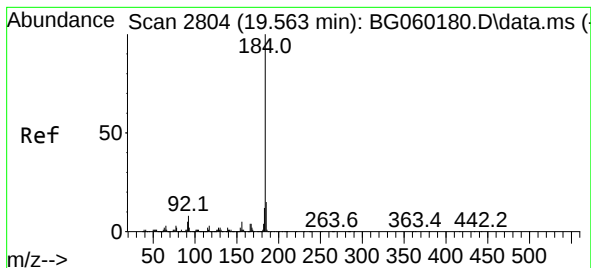
Tgt Ion:248 Resp: 63376
Ion Ratio Lower Upper
248 100
250 256.4 76.2 114.4#
141 434.0 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060268.D
Acq: 5 Jan 2024 13:16

Tgt Ion:240 Resp: 1496677
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.0 21.4 32.2





#77

Benzidine

Concen: 2.108 ng

RT: 19.938 min Scan# 21

Delta R.T. 0.376 min

Lab File: BG060268.D

Acq: 5 Jan 2024 13:16

Instrument :

BNA_G

ClientSampleId :

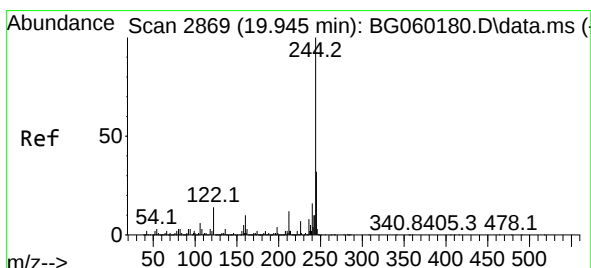
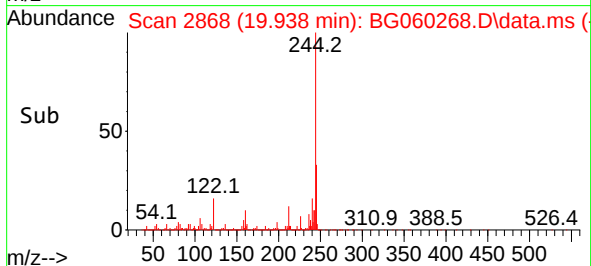
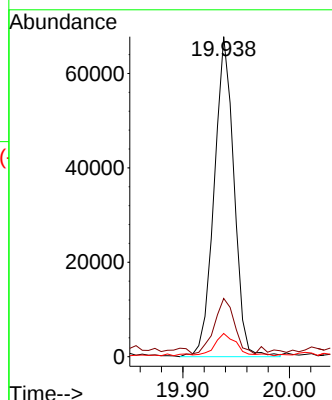
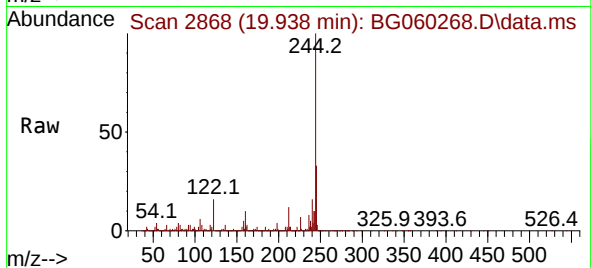
Tgt Ion:184 Resp: 87316

Ion Ratio Lower Upper

184 100

185 18.2 11.7 17.5#

183 7.2 9.4 14.2#



#79

Terphenyl-d14

Concen: 65.060 ng

RT: 19.938 min Scan# 2868

Delta R.T. -0.007 min

Lab File: BG060268.D

Acq: 5 Jan 2024 13:16

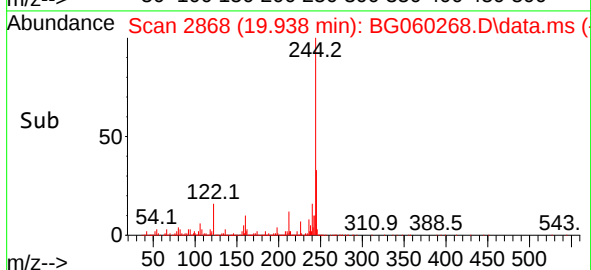
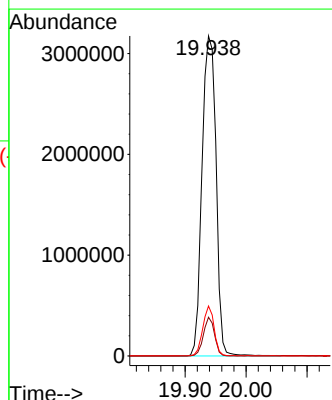
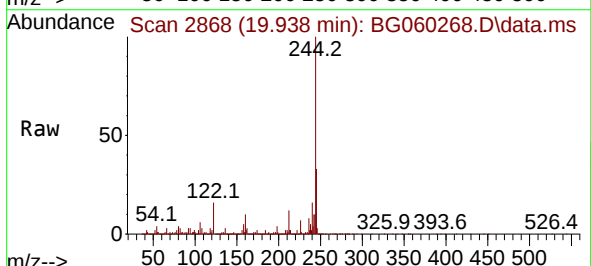
Tgt Ion:244 Resp: 5064960

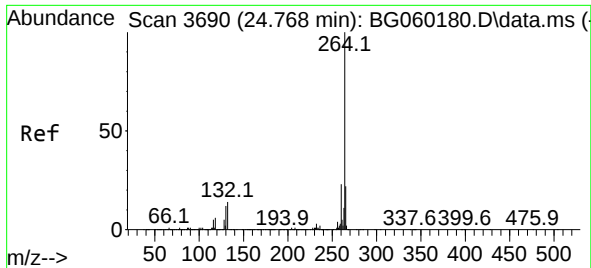
Ion Ratio Lower Upper

244 100

212 12.1 9.5 14.3

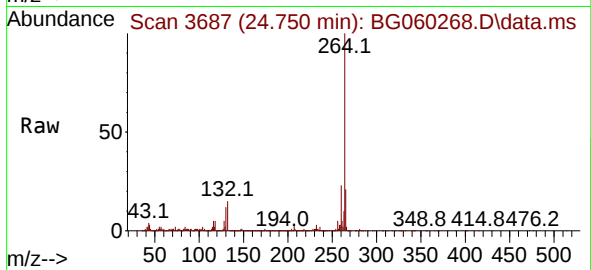
122 15.6 11.4 17.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.750 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BG060268.D
 Acq: 5 Jan 2024 13:16

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1719695

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.0	27.0
265	21.4	17.4	26.0

