

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060669.D
 Acq On : 15 Mar 2024 18:51
 Operator : MA/JU
 Sample : P1764-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Mar 15 23:39:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

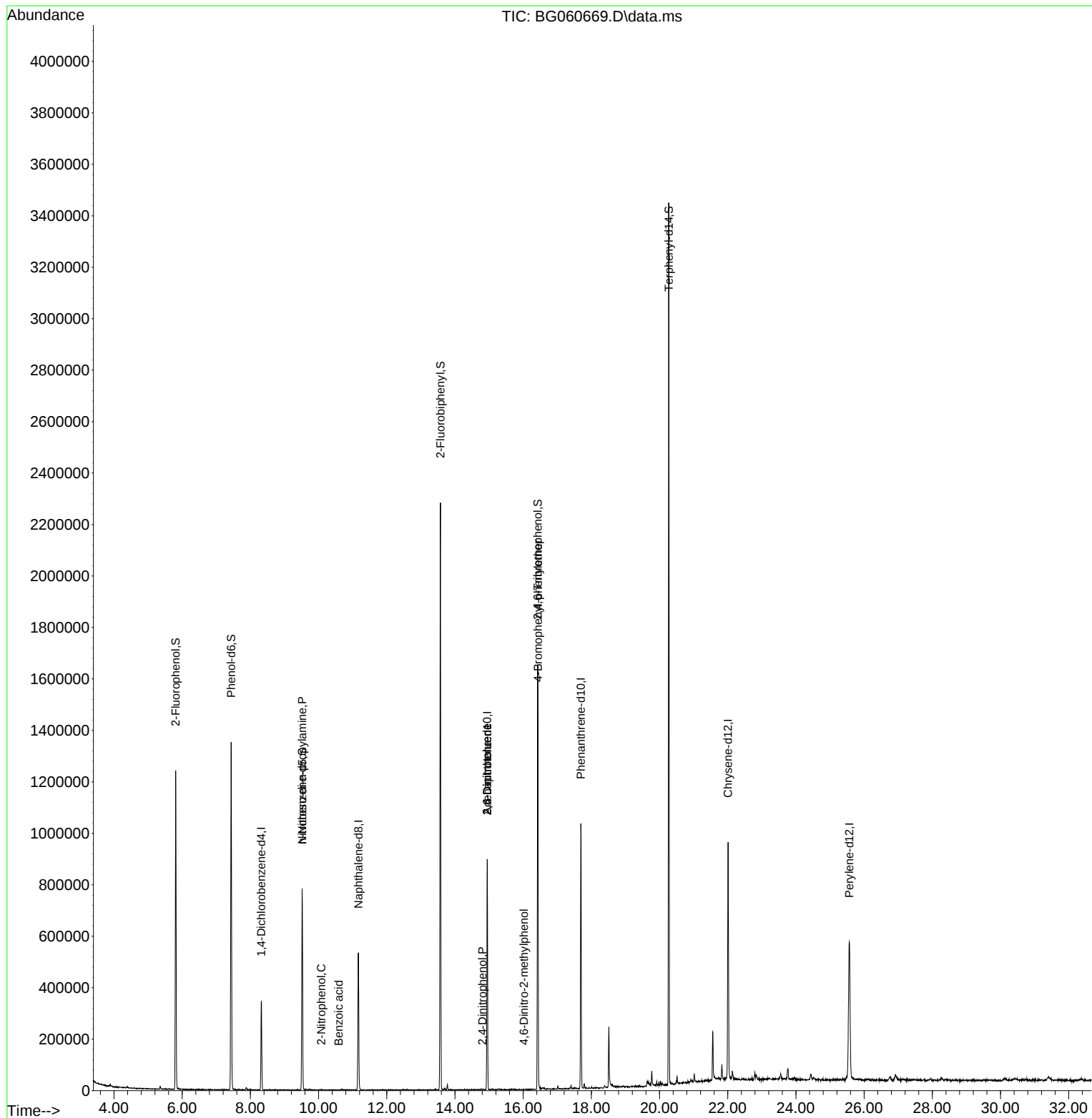
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.320	152	95001	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	453799	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	303230	20.000	ng	0.00
64) Phenanthrene-d10	17.691	188	632112	20.000	ng	-0.01
76) Chrysene-d12	22.009	240	567837	20.000	ng	-0.02
86) Perylene-d12	25.564	264	652472	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	505785	83.693	ng	0.00
7) Phenol-d6	7.438	99	760572	86.758	ng	0.00
23) Nitrobenzene-d5	9.518	82	456886	52.398	ng	-0.01
42) 2,4,6-Tribromophenol	16.428	330	312235	88.859	ng	-0.01
45) 2-Fluorobiphenyl	13.572	172	1143030	50.965	ng	0.00
79) Terphenyl-d14	20.270	244	1653848	52.645	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	57835	9.518	ng	# 81
26) 2-Nitrophenol	10.082	139	56	2.251	ng	# 23
32) Benzoic acid	10.587	122	69	6.032	ng	# 1
51) 2,6-Dinitrotoluene	14.947	165	39652	9.463	ng	# 17
54) 2,4-Dinitrophenol	14.806	184	54	6.867	ng	# 17
57) 2,4-Dinitrotoluene	14.947	165	39652	7.522	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.022	198	53	4.831	ng	# 1
67) 4-Bromophenyl-phenylether	16.434	248	21588	3.167	ng	# 1

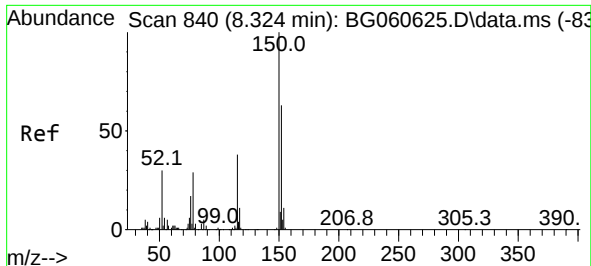
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
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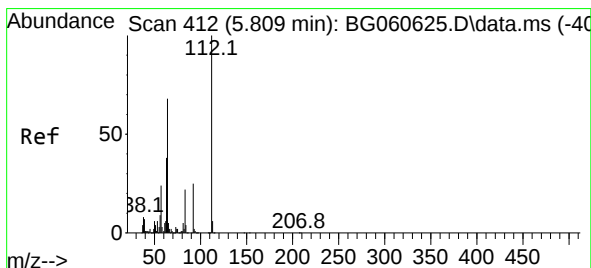
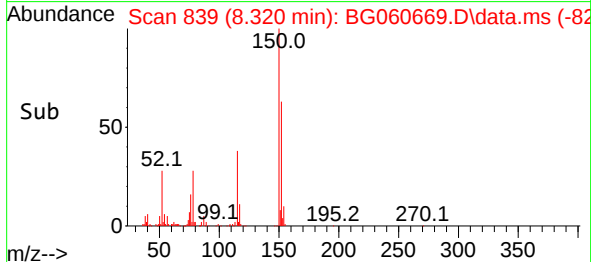
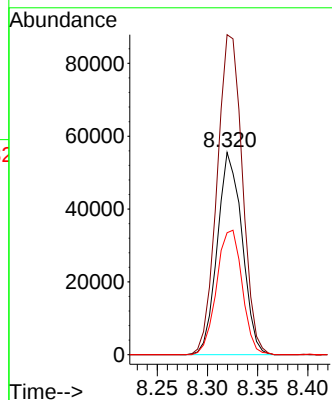
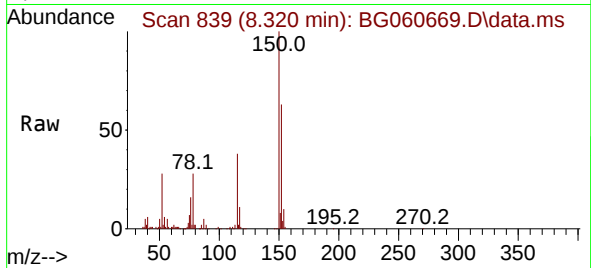




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.320 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG060669.D
 Acq: 15 Mar 2024 18:51

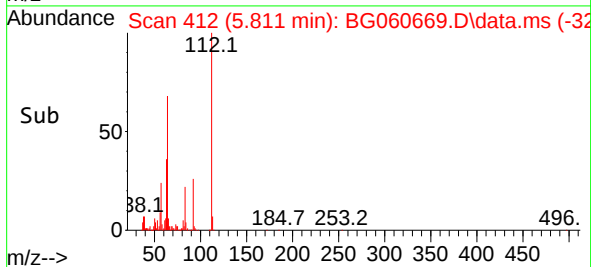
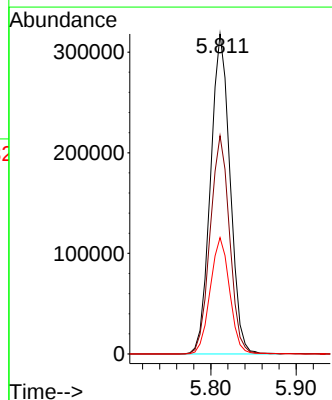
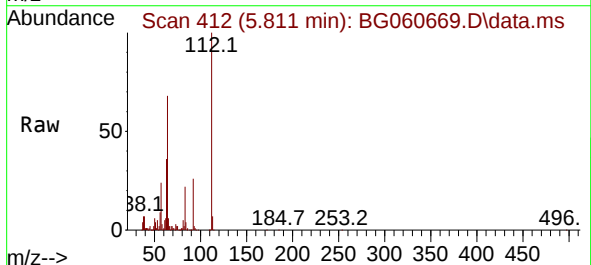
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

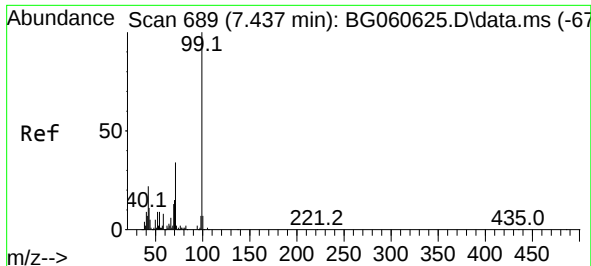
Tgt Ion:152 Resp: 95001
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.6 190.0
 115 60.2 47.8 71.8



#5
 2-Fluorophenol
 Concen: 83.693 ng
 RT: 5.811 min Scan# 412
 Delta R.T. 0.002 min
 Lab File: BG060669.D
 Acq: 15 Mar 2024 18:51

Tgt Ion:112 Resp: 505785
 Ion Ratio Lower Upper
 112 100
 64 68.2 54.1 81.1
 63 36.3 30.3 45.5

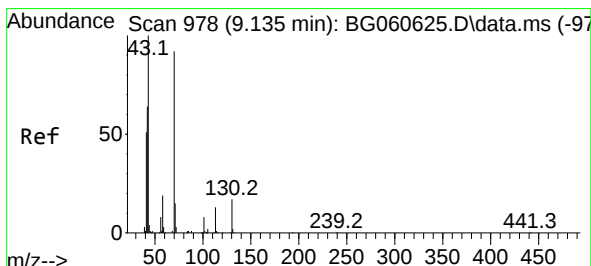
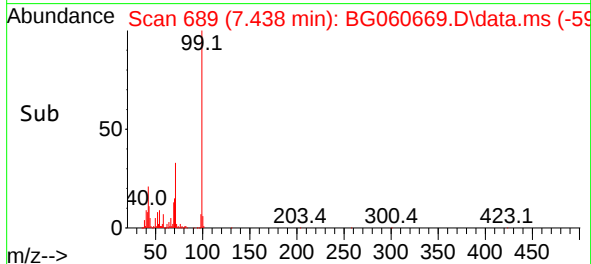
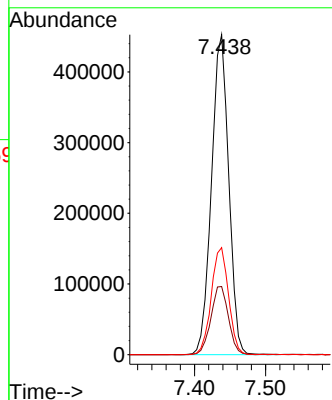
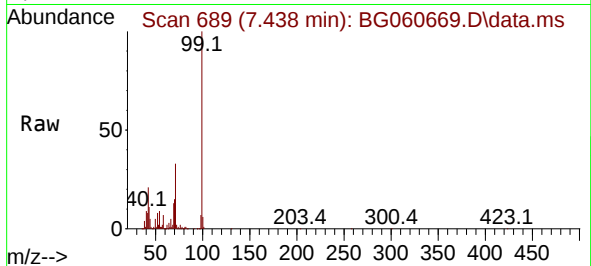




#7
Phenol-d6
Concen: 86.758 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

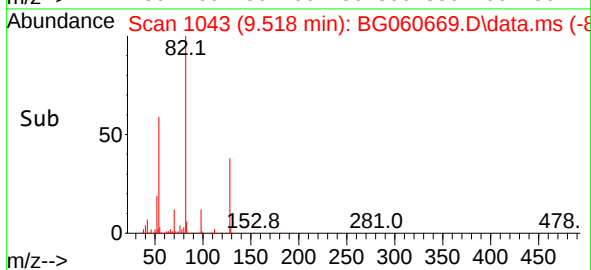
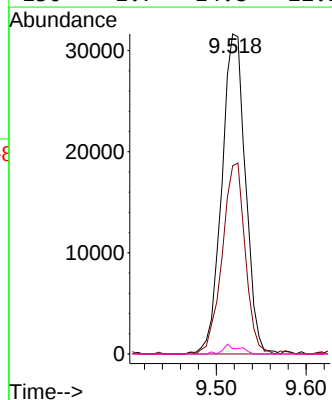
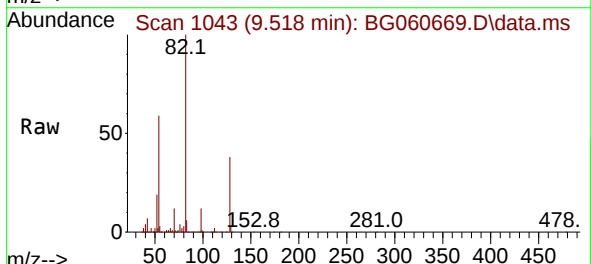
Instrument :
BNA_G
ClientSampleId :
COMP-1

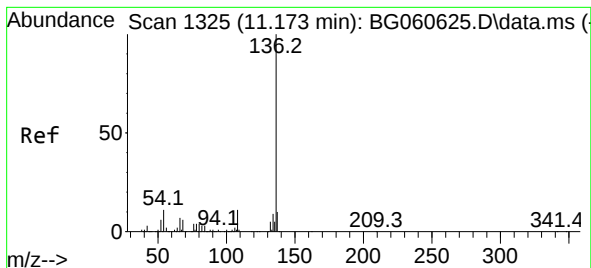
Tgt Ion: 99 Resp: 760572
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 33.5 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.518 ng
RT: 9.518 min Scan# 1043
Delta R.T. 0.383 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

Tgt Ion: 70 Resp: 57835
Ion Ratio Lower Upper
70 100
42 58.8 56.2 84.2
101 0.0 7.4 11.0#
130 1.7 14.8 22.2#

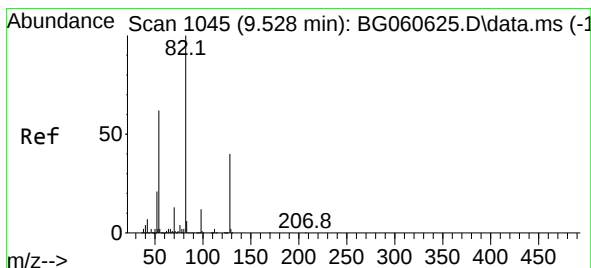
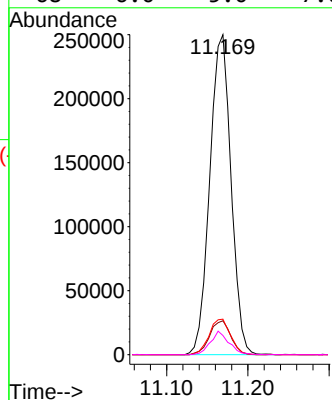
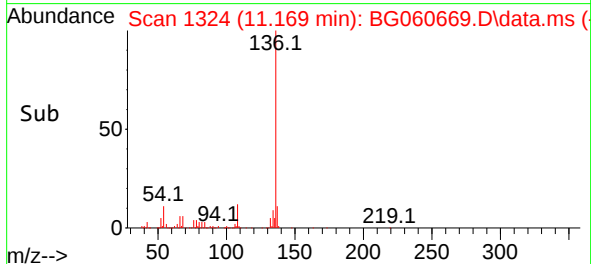
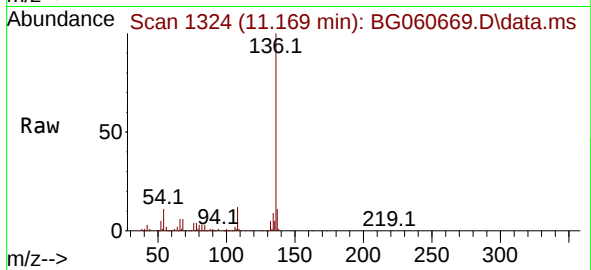




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

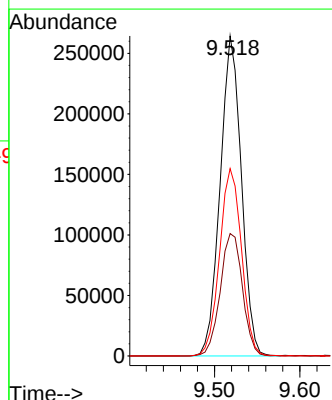
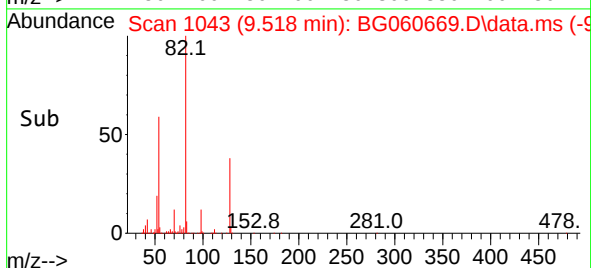
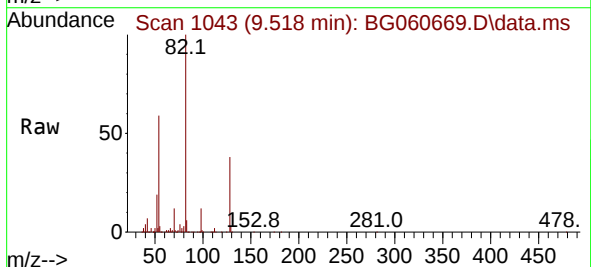
Instrument :
BNA_G
ClientSampleId :
COMP-1

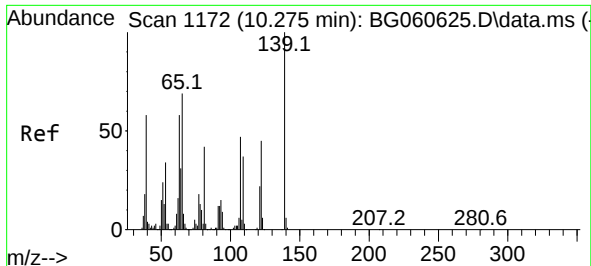
Tgt Ion:	136	Resp:	453799
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	11.1	8.5	12.7
68	6.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 52.398 ng
RT: 9.518 min Scan# 1043
Delta R.T. -0.010 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

Tgt Ion:	82	Resp:	456886
Ion	Ratio	Lower	Upper
82	100		
128	38.2	31.6	47.4
54	58.6	49.3	73.9

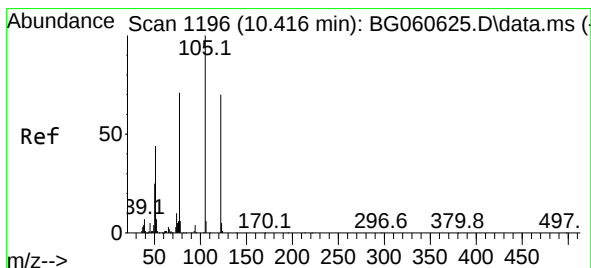
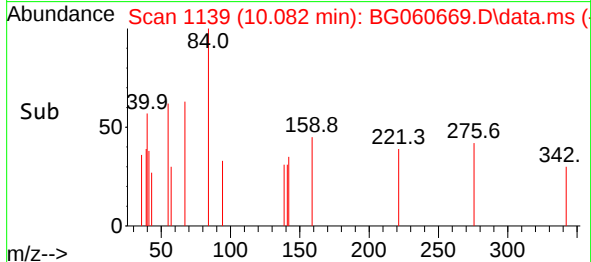
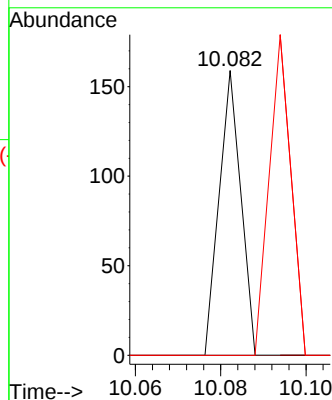
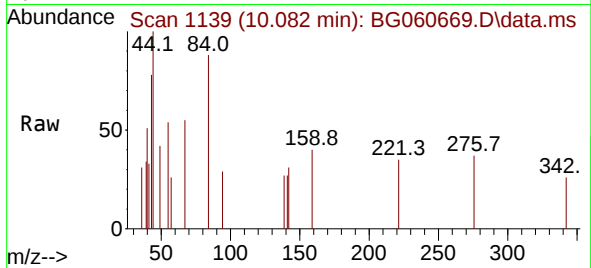




#26
2-Nitrophenol
Concen: 2.251 ng
RT: 10.082 min Scan# 1172
Delta R.T. -0.193 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

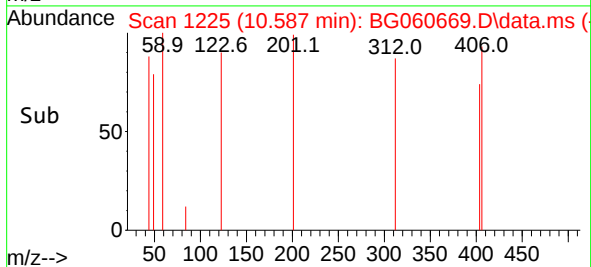
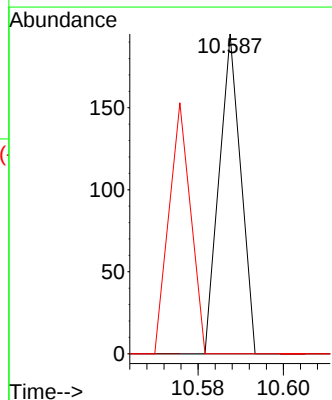
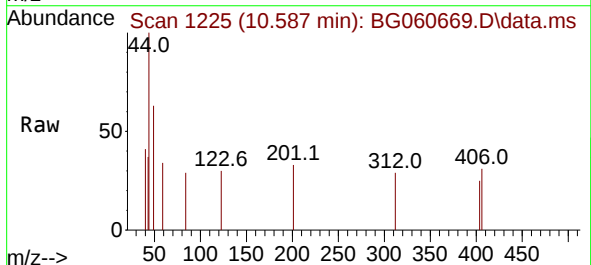
Instrument :
BNA_G
ClientSampleId :
COMP-1

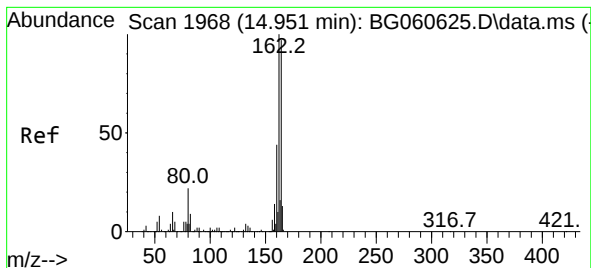
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.032 ng
RT: 10.587 min Scan# 1225
Delta R.T. 0.171 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.947 min Scan# 1967

Delta R.T. -0.004 min

Lab File: BG060669.D

Acq: 15 Mar 2024 18:51

Instrument :

BNA_G

ClientSampleId :

COMP-1

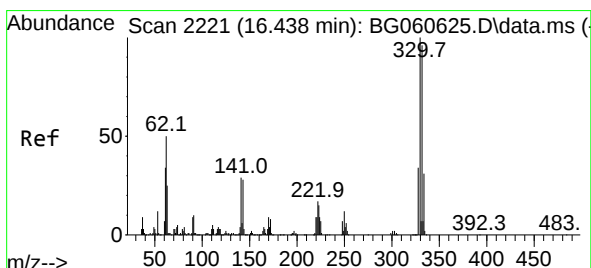
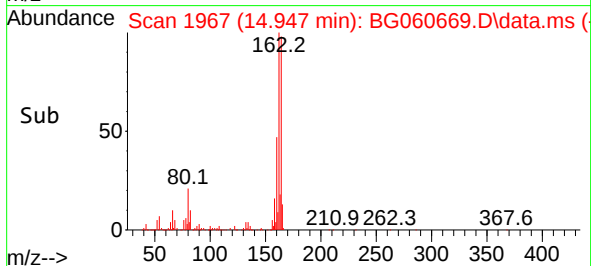
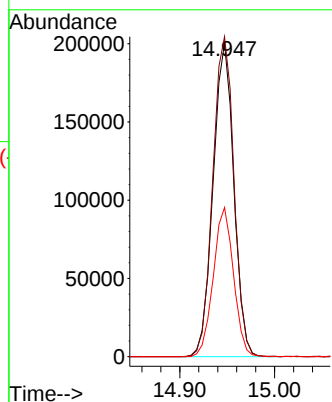
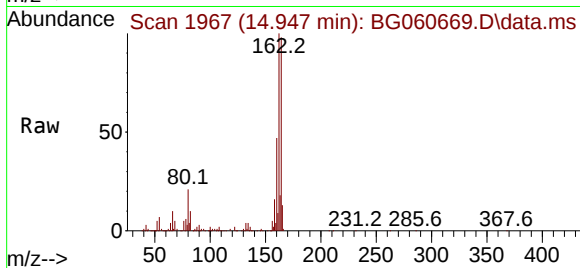
Tgt Ion:164 Resp: 303230

Ion Ratio Lower Upper

164 100

162 102.0 82.5 123.7

160 47.5 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 88.859 ng

RT: 16.428 min Scan# 2219

Delta R.T. -0.010 min

Lab File: BG060669.D

Acq: 15 Mar 2024 18:51

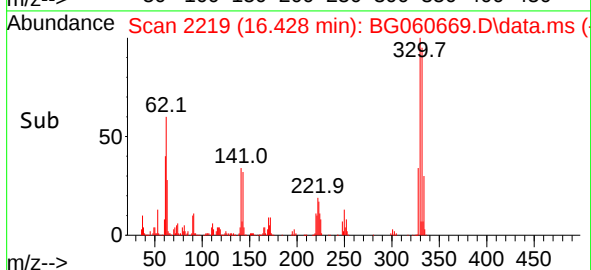
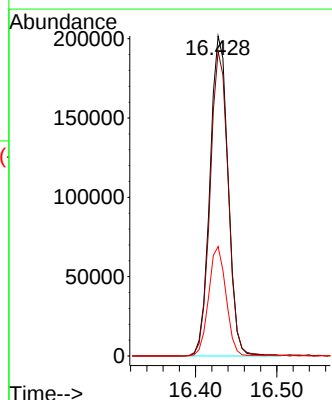
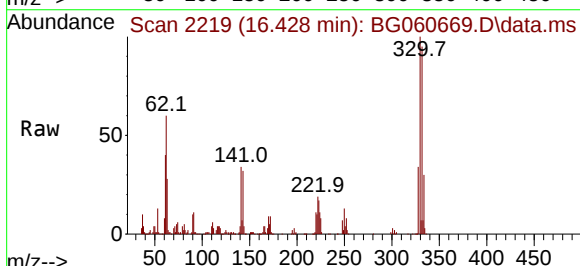
Tgt Ion:330 Resp: 312235

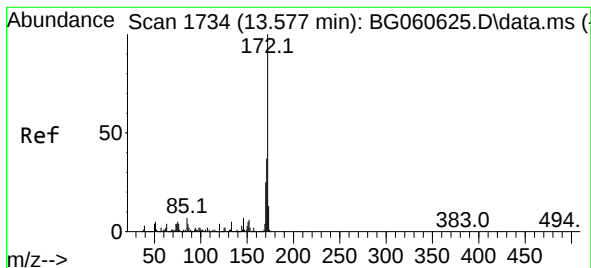
Ion Ratio Lower Upper

330 100

332 95.0 77.8 116.8

141 32.8 25.4 38.2

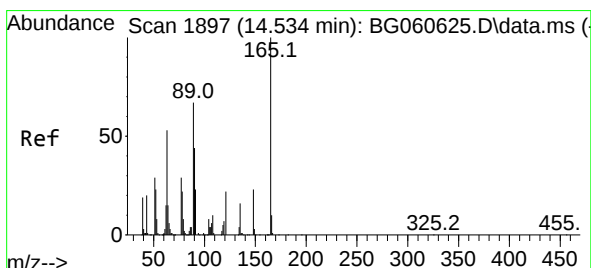
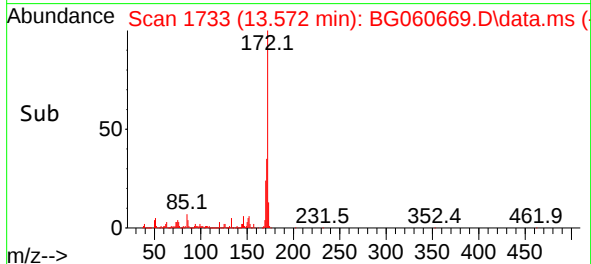
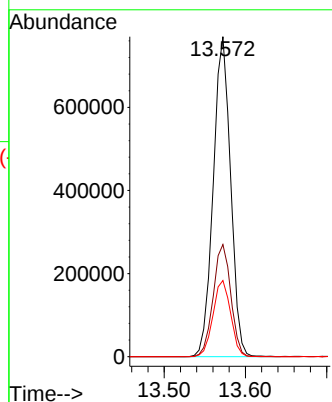
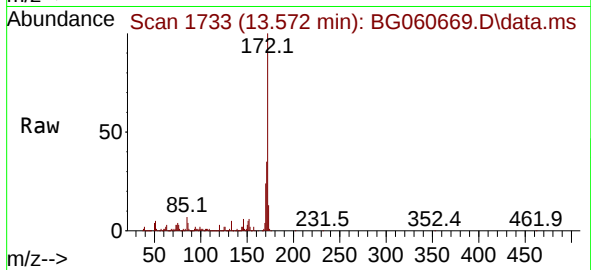




#45
2-Fluorobiphenyl
Concen: 50.965 ng
RT: 13.572 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

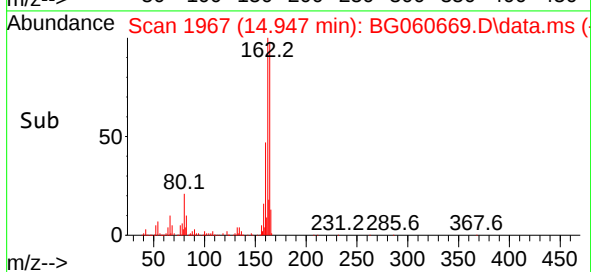
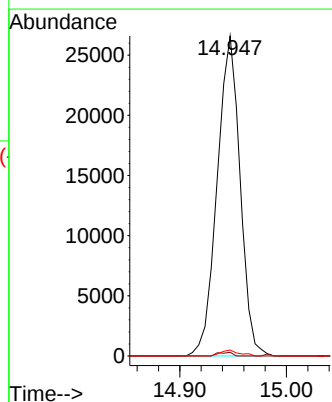
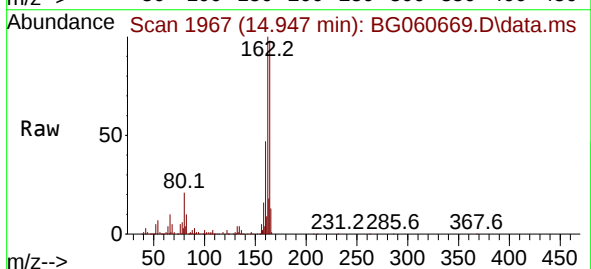
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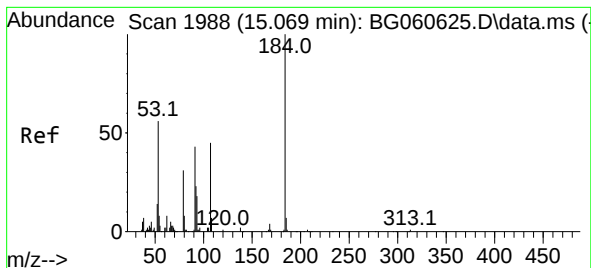
Tgt Ion:172 Resp: 1143030
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 23.8 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.463 ng
RT: 14.947 min Scan# 1967
Delta R.T. 0.413 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

Tgt Ion:165 Resp: 39652
Ion Ratio Lower Upper
165 100
63 1.2 55.8 83.6#
89 1.8 54.1 81.1#

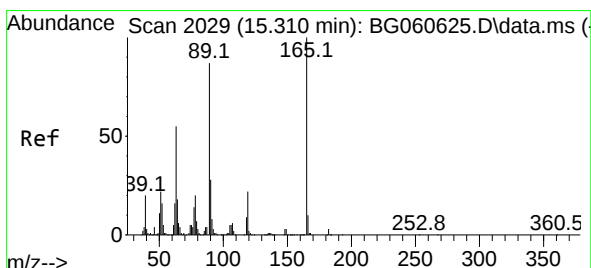
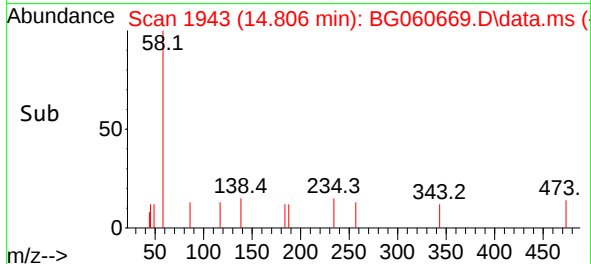
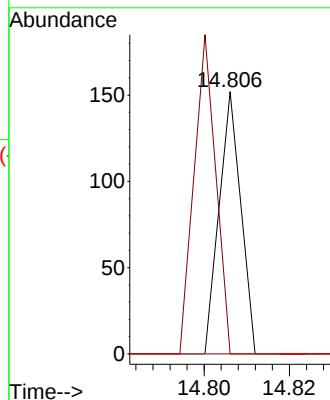
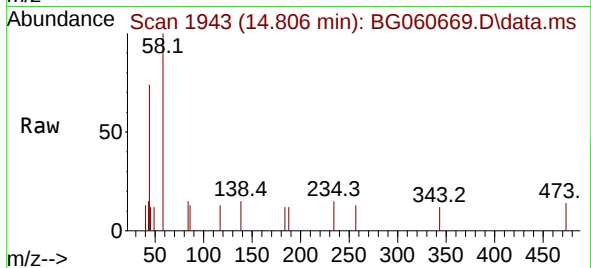




#54
2,4-Dinitrophenol
Concen: 6.867 ng
RT: 14.806 min Scan# 1967
Delta R.T. -0.263 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

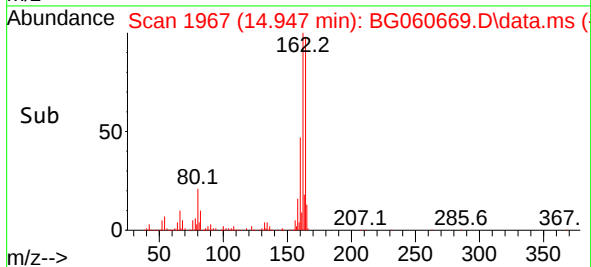
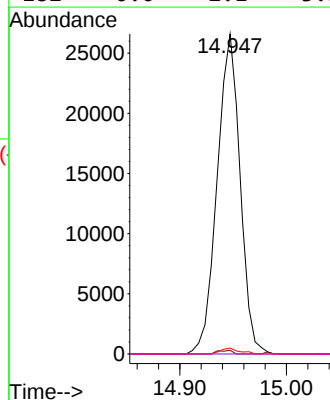
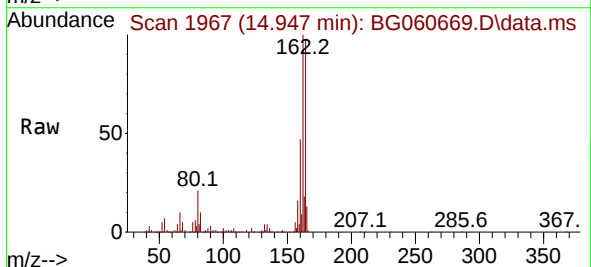
Instrument :
BNA_G
ClientSampleId :
COMP-1

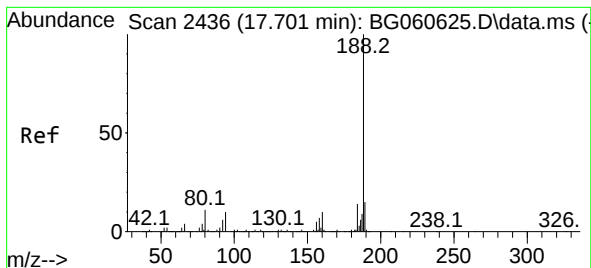
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.522 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.363 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

Tgt Ion:165 Resp: 39652
Ion Ratio Lower Upper
165 100
63 1.2 44.1 66.1#
89 1.8 69.7 104.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.691 min Scan# 2436

Delta R.T. -0.010 min

Lab File: BG060669.D

Acq: 15 Mar 2024 18:51

Instrument :

BNA_G

ClientSampleId :

COMP-1

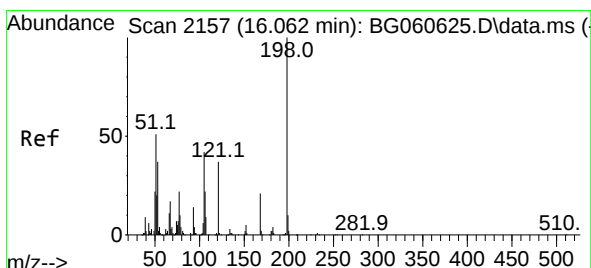
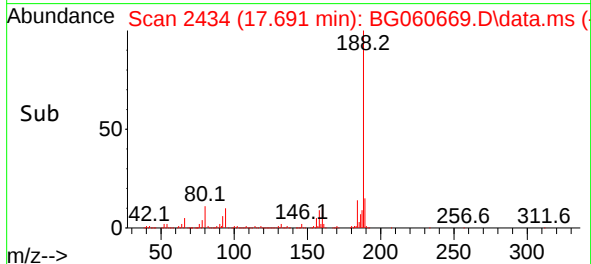
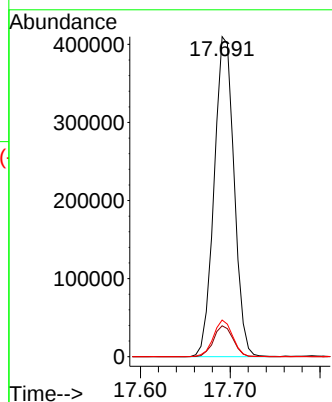
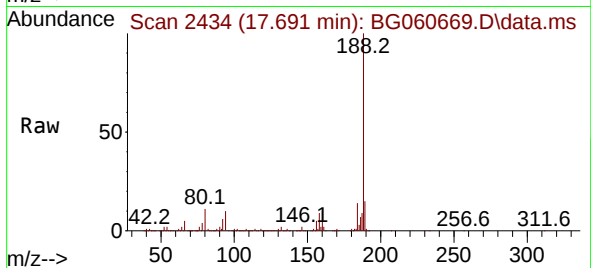
Tgt Ion:188 Resp: 632112

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 11.4 8.6 13.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.831 ng

RT: 16.022 min Scan# 2150

Delta R.T. -0.040 min

Lab File: BG060669.D

Acq: 15 Mar 2024 18:51

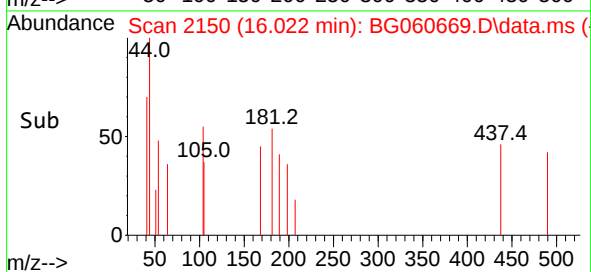
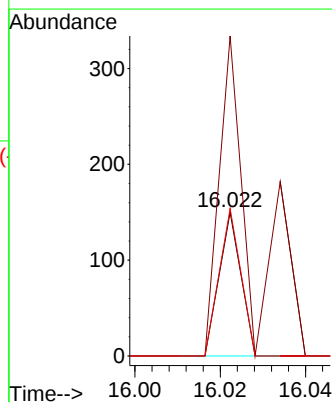
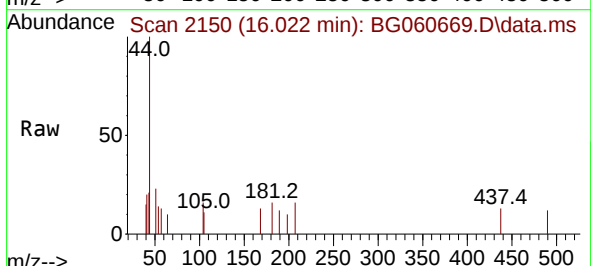
Tgt Ion:198 Resp: 53

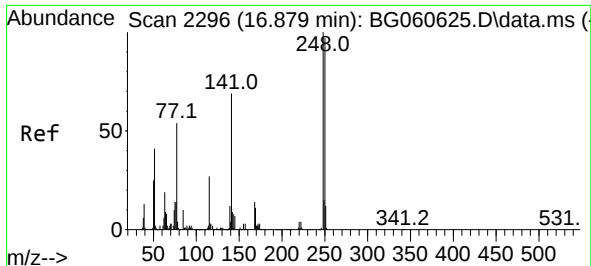
Ion Ratio Lower Upper

198 100

51 222.7 36.9 76.9#

105 102.7 22.4 62.4#

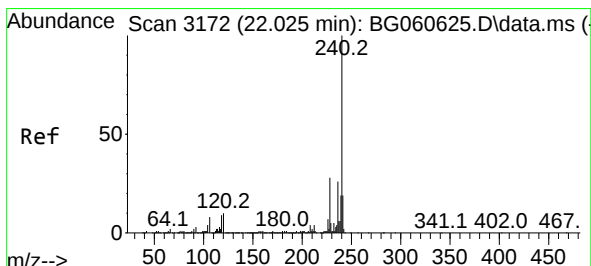
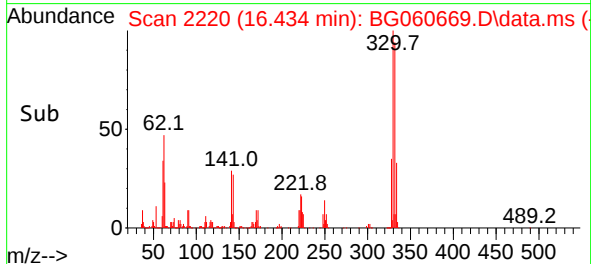
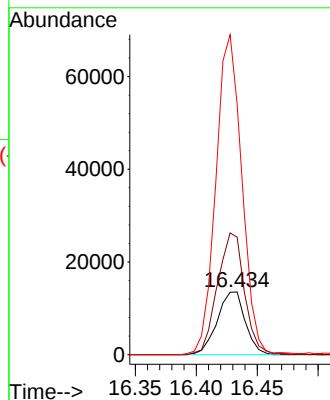
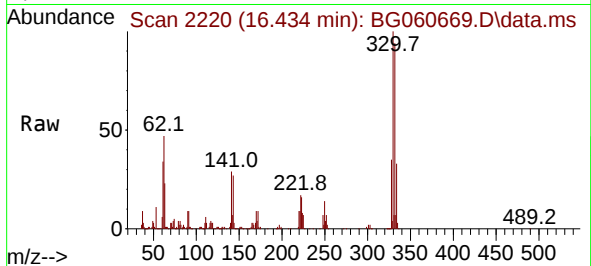




#67
4-Bromophenyl-phenylether
Concen: 3.167 ng
RT: 16.434 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

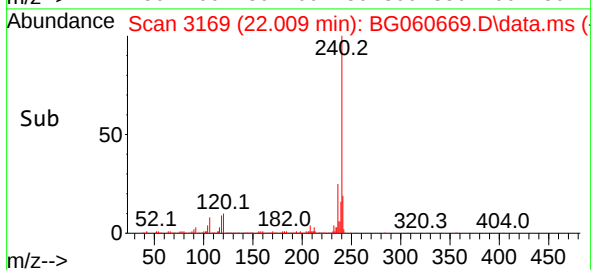
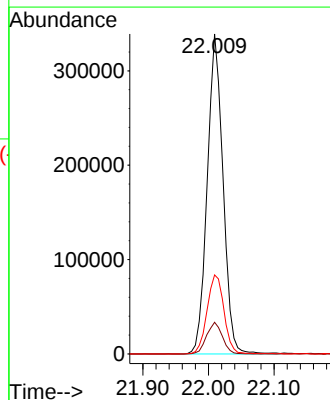
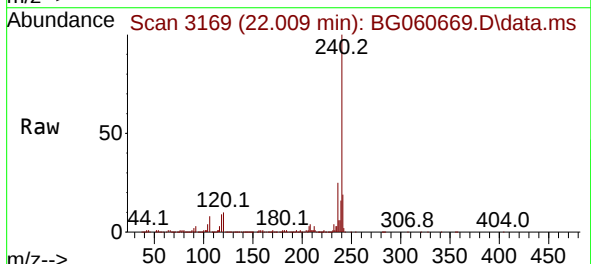
Instrument :
BNA_G
ClientSampleId :
COMP-1

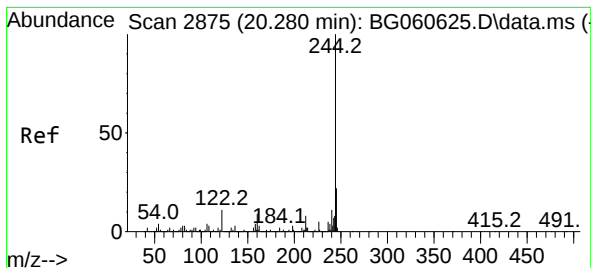
Tgt Ion:248 Resp: 21588
Ion Ratio Lower Upper
248 100
250 187.2 77.8 116.6#
141 398.6 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3169
Delta R.T. -0.016 min
Lab File: BG060669.D
Acq: 15 Mar 2024 18:51

Tgt Ion:240 Resp: 567837
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.8
236 24.7 20.6 31.0





#79

Terphenyl-d14

Concen: 52.645 ng

RT: 20.270 min Scan# 2

Delta R.T. -0.010 min

Lab File: BG060669.D

Acq: 15 Mar 2024 18:51

Instrument :

BNA_G

ClientSampleId :

COMP-1

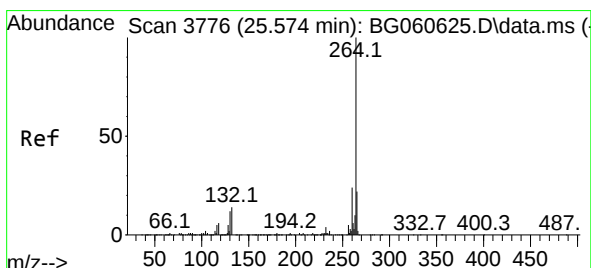
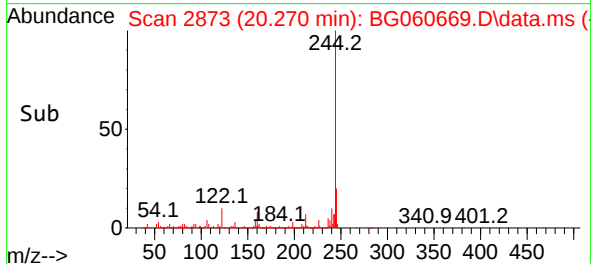
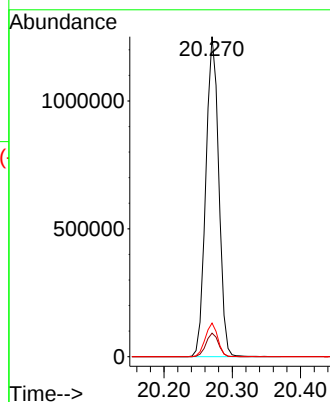
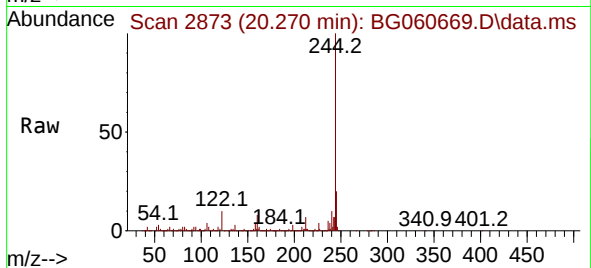
Tgt Ion:244 Resp: 1653848

Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

122 10.5 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.564 min Scan# 3774

Delta R.T. -0.010 min

Lab File: BG060669.D

Acq: 15 Mar 2024 18:51

Tgt Ion:264 Resp: 652472

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 20.8 18.1 27.1

