

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054837.D
 Acq On : 2 Sep 2022 12:46
 Operator : CG/JU
 Sample : N4355-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP082322DL

Quant Time: Sep 03 00:25:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

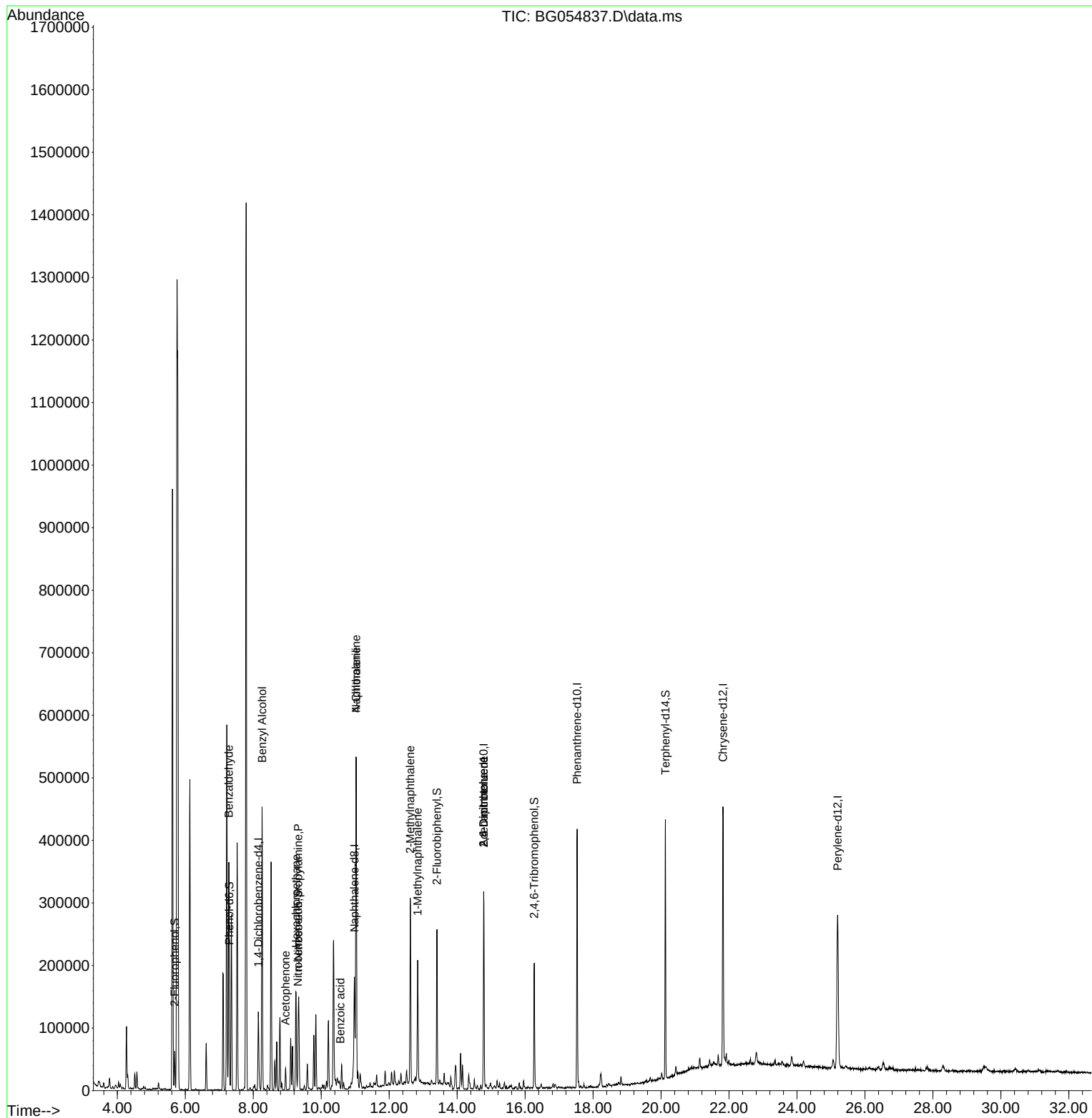
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	37300	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	158345	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	114494	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	272599	20.000	ng	0.00
76) Chrysene-d12	21.820	240	266663	20.000	ng	0.00
86) Perylene-d12	25.192	264	282155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	29282	13.670	ng	0.00
7) Phenol-d6	7.296	99	24746	8.448	ng	0.00
23) Nitrobenzene-d5	9.317	82	50935	16.887	ng	-0.01
42) 2,4,6-Tribromophenol	16.267	330	45756	31.982	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	136719	17.948	ng	0.00
79) Terphenyl-d14	20.128	244	218030	16.200	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	7.278	77	25686	13.378	ng	# 1
15) Benzyl Alcohol	8.259	79	22850	10.797	ng	# 9
18) Hexachloroethane	9.258	117	26515	26.767	ng	# 1
19) n-Nitroso-di-n-propyla...	9.323	70	6669	3.311	ng	# 77
22) Acetophenone	8.947	105	26264	6.630	ng	# 54
31) Naphthalene	11.027	128	458219	53.936	ng	99
32) Benzoic acid	10.562	122	367	8.006	ng	90
33) 4-Chloroaniline	11.027	127	63646	18.376	ng	# 33
37) 2-Methylnaphthalene	12.619	142	147291	24.736	ng	100
38) 1-Methylnaphthalene	12.836	142	93484	16.137	ng	98
51) 2,6-Dinitrotoluene	14.781	165	16489	9.139	ng	# 23
57) 2,4-Dinitrotoluene	14.781	165	16489	6.607	ng	# 21

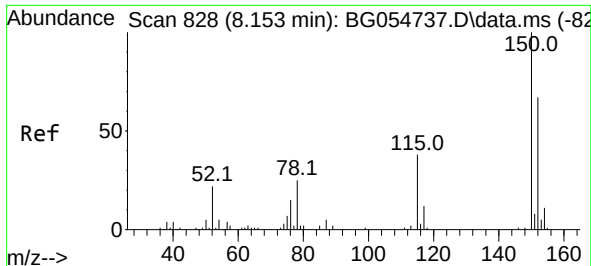
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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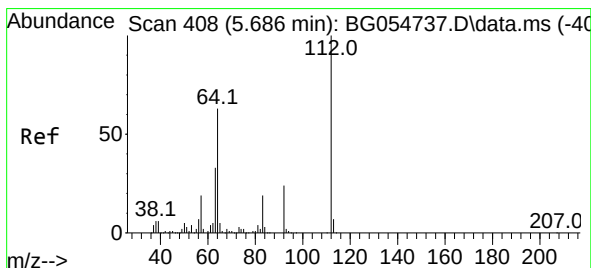
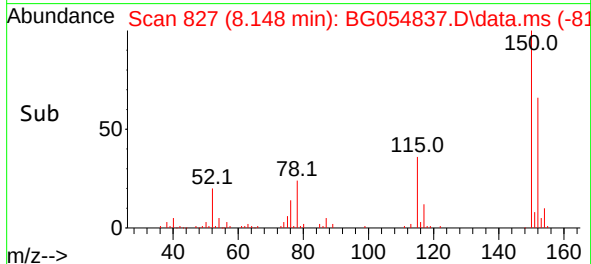
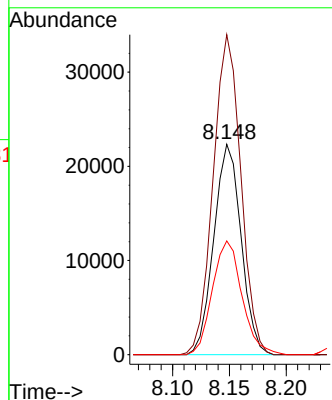
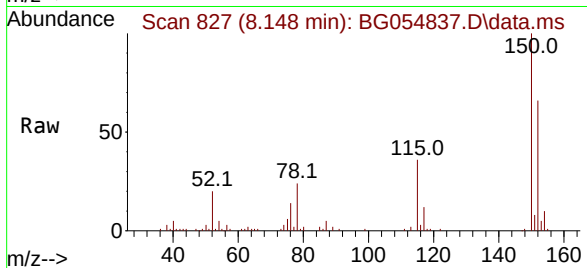




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

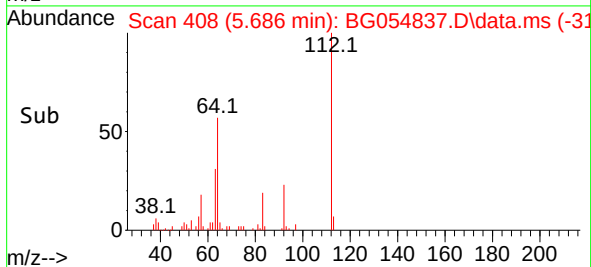
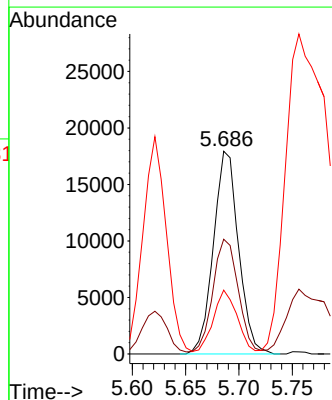
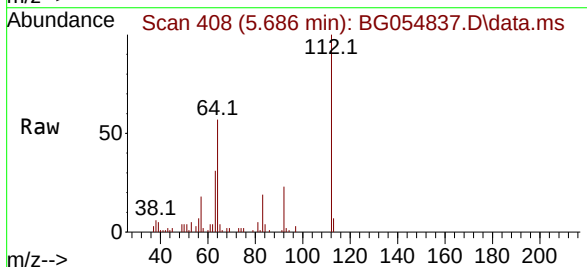
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

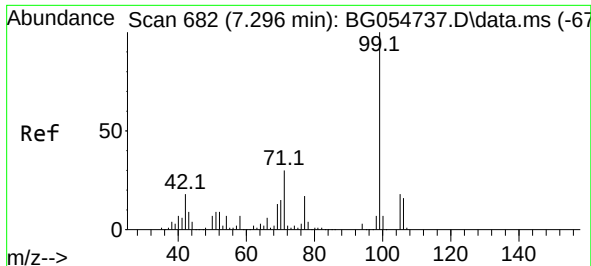
Tgt Ion:152 Resp: 37300
Ion Ratio Lower Upper
152 100
150 152.0 125.2 187.8
115 54.0 47.9 71.9



#5
2-Fluorophenol
Concen: 13.670 ng
RT: 5.686 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:112 Resp: 29282
Ion Ratio Lower Upper
112 100
64 56.6 49.3 73.9
63 31.5 26.3 39.5

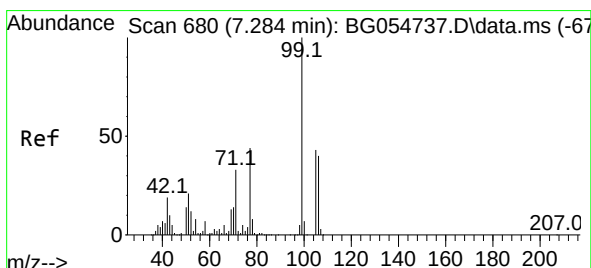
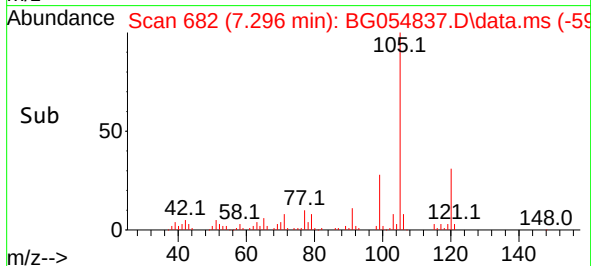
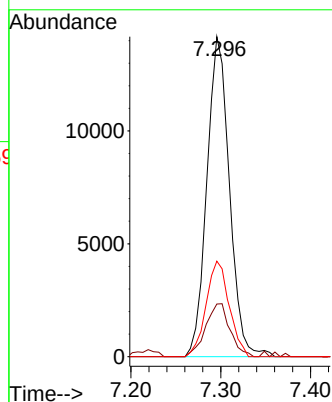
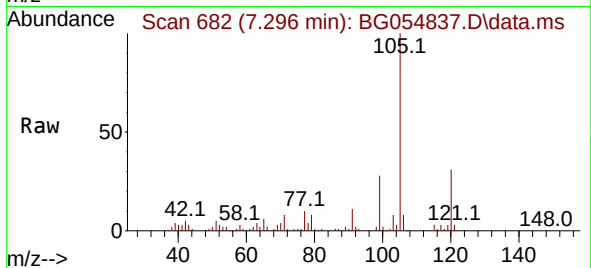




#7
Phenol-d6
Concen: 8.448 ng
RT: 7.296 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

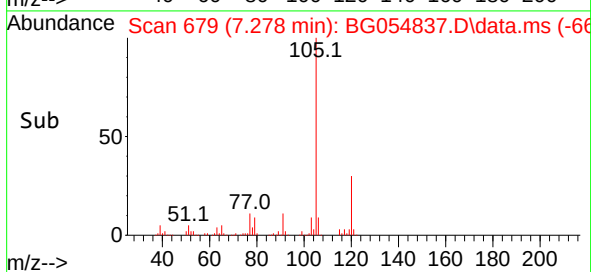
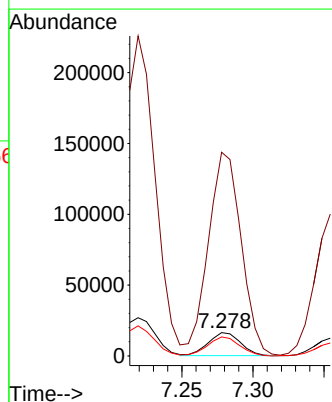
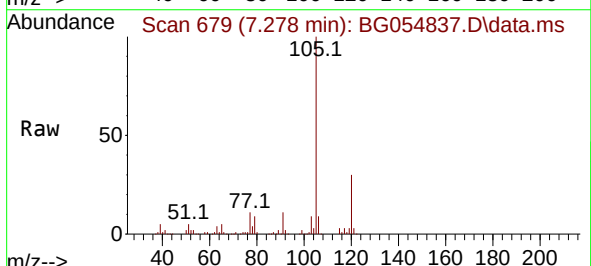
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

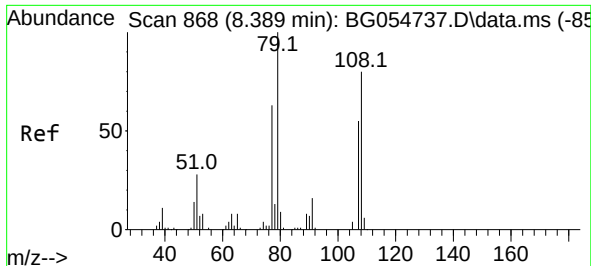
Tgt Ion: 99 Resp: 24746
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 29.8 24.6 37.0



#9
Benzaldehyde
Concen: 13.378 ng
RT: 7.278 min Scan# 679
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion: 77 Resp: 25686
Ion Ratio Lower Upper
77 100
105 874.7 75.3 115.3#
106 81.6 70.2 110.2

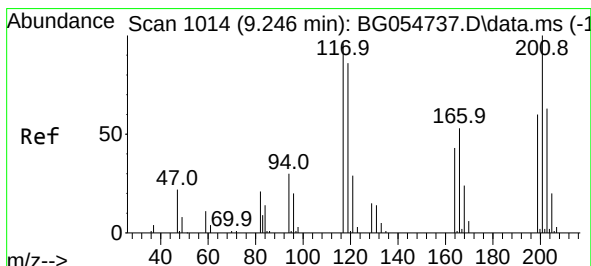
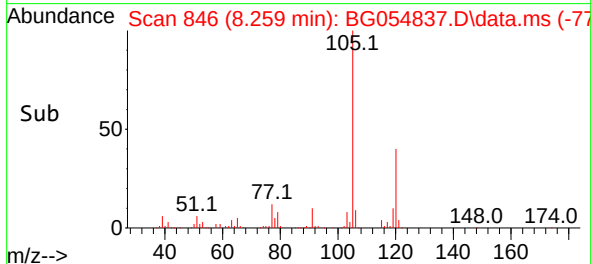
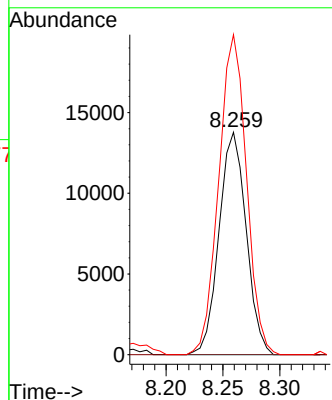
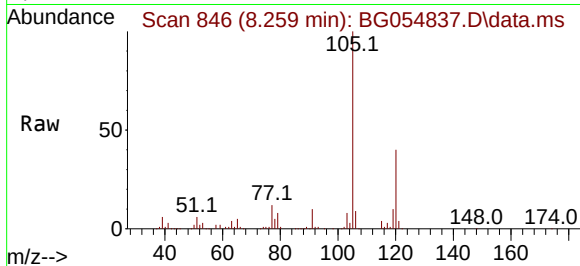




#15
Benzyl Alcohol
Concen: 10.797 ng
RT: 8.259 min Scan# 846
Delta R.T. -0.129 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

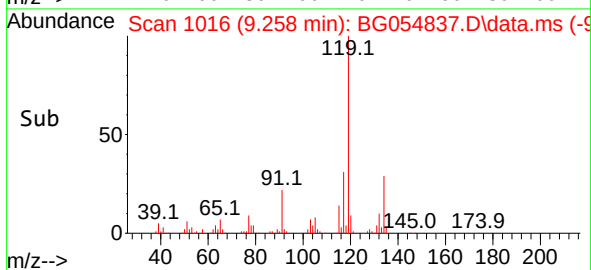
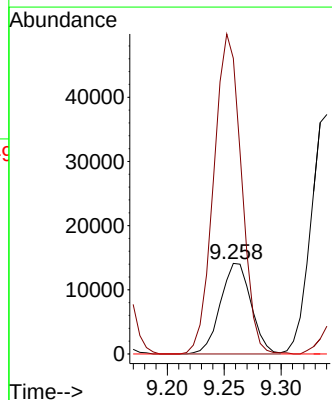
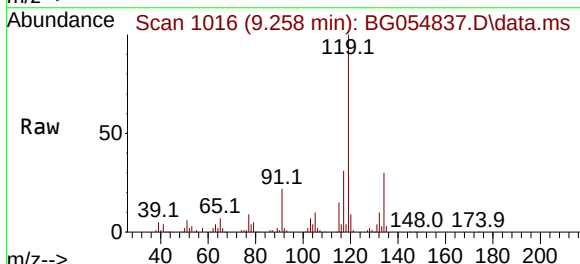
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

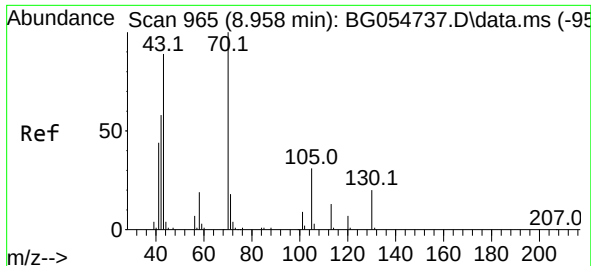
Tgt Ion: 79 Resp: 22850
Ion Ratio Lower Upper
79 100
108 0.0 63.4 95.0#
77 143.9 55.0 82.4#



#18
Hexachloroethane
Concen: 26.767 ng
RT: 9.258 min Scan# 1016
Delta R.T. 0.012 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

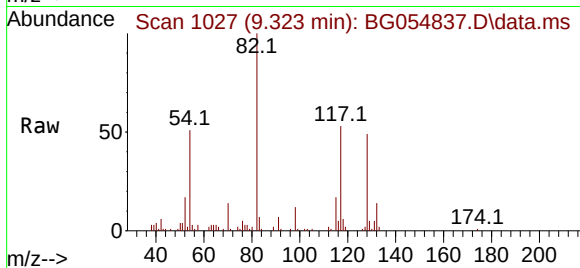
Tgt Ion: 117 Resp: 26515
Ion Ratio Lower Upper
117 100
119 326.6 77.0 115.6#
201 0.0 87.2 130.8#



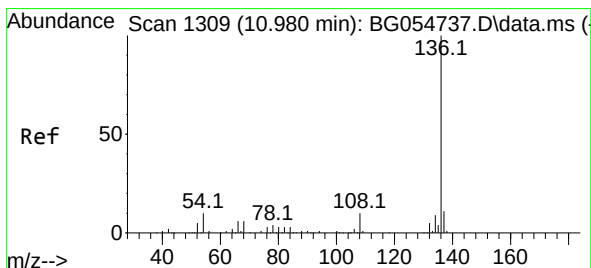
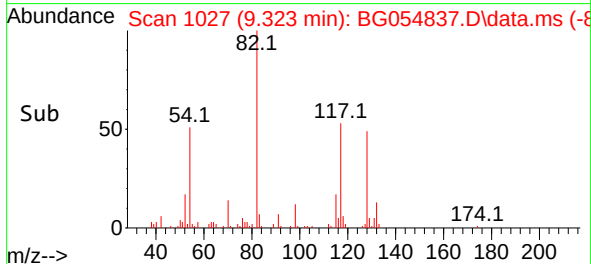
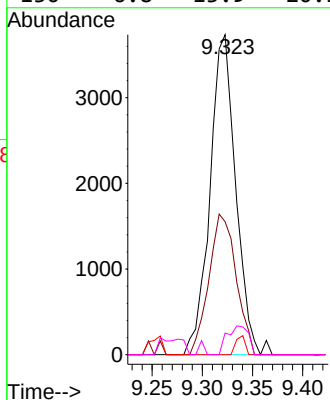


#19
n-Nitroso-di-n-propylamine
Concen: 3.311 ng
RT: 9.323 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Instrument :
BNA_G
ClientSampleId :
DUP082322DL

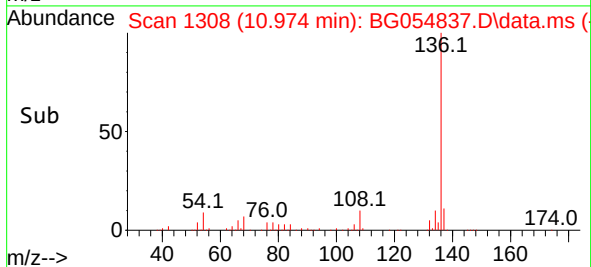
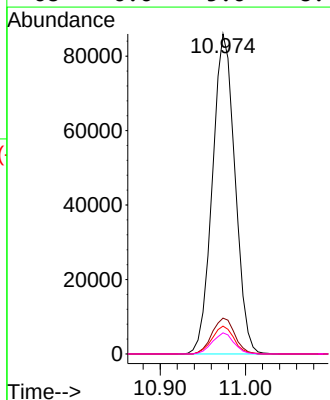
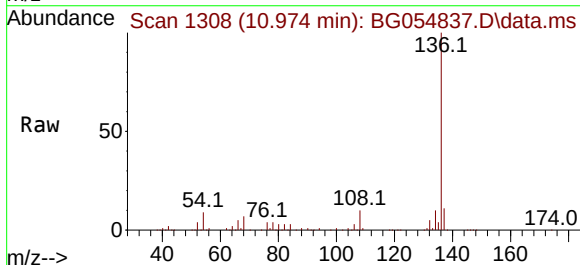


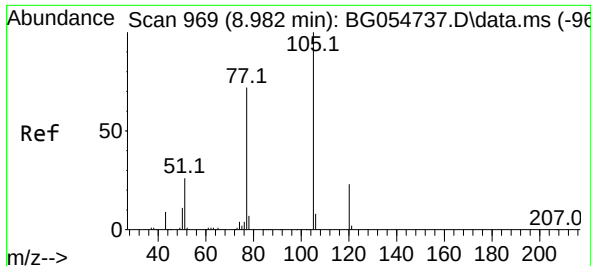
Tgt Ion: 70 Resp: 6669
Ion Ratio Lower Upper
70 100
42 41.6 46.6 69.8#
101 0.0 7.7 11.5#
130 6.8 13.9 20.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:136 Resp: 158345
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.7 7.7 11.5
68 6.6 5.6 8.4

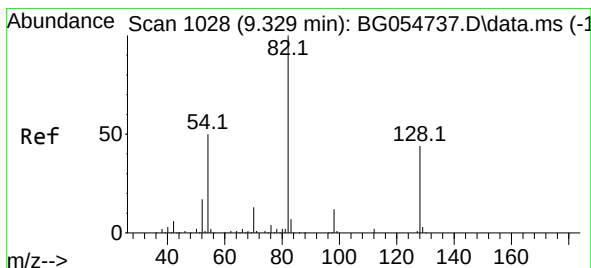
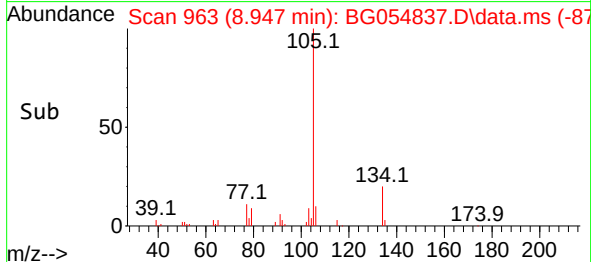
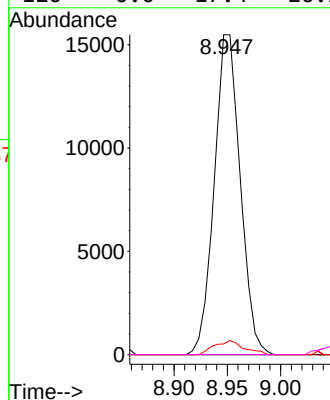
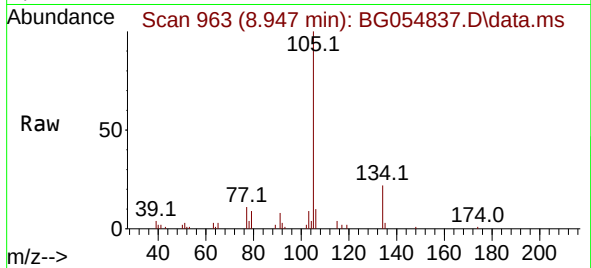




#22
Acetophenone
Concen: 6.630 ng
RT: 8.947 min Scan# 90
Delta R.T. -0.035 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

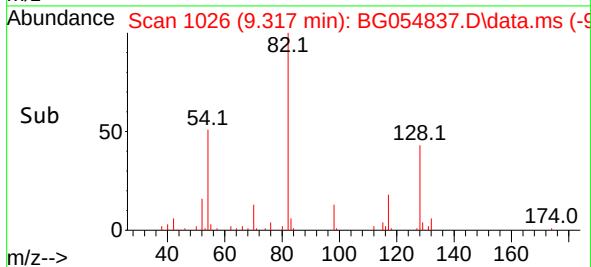
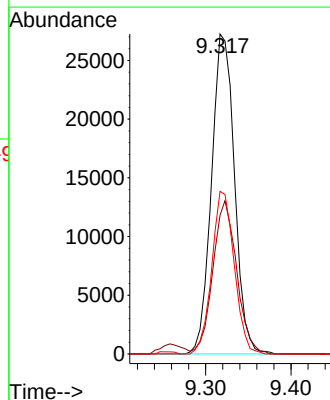
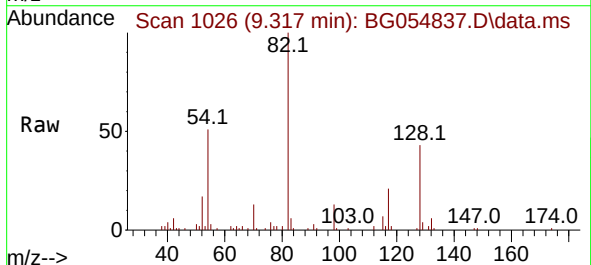
Instrument :
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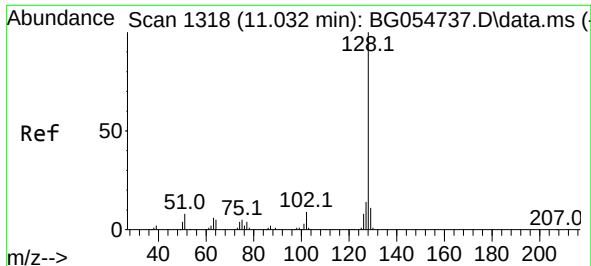
Tgt Ion:	105	Resp:	26264
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.2	1.8#
51	3.4	22.9	34.3#
120	0.0	17.4	26.2#



#23
Nitrobenzene-d5
Concen: 16.887 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:	82	Resp:	50935
Ion Ratio	Lower	Upper	
82	100		
128	43.3	32.2	48.2
54	50.8	41.4	62.0

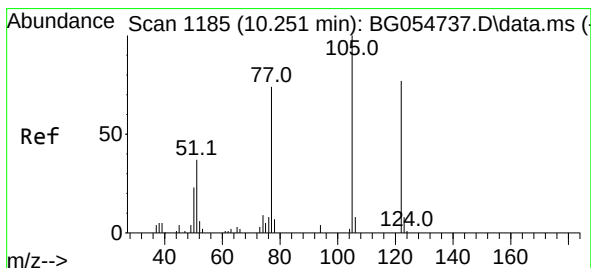
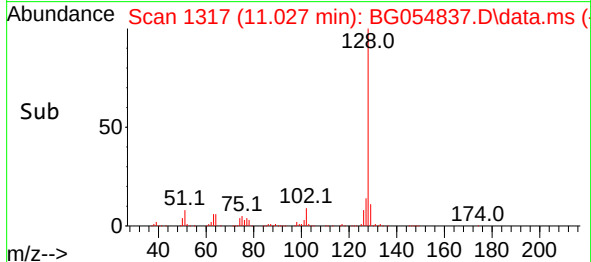
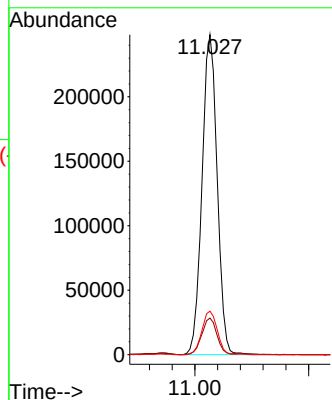
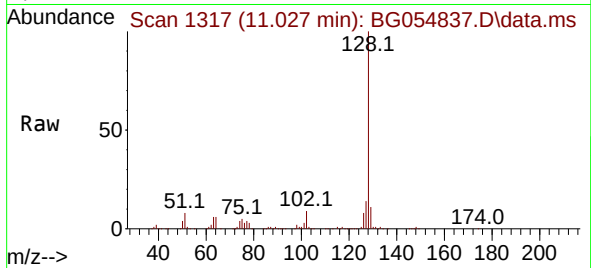




#31
Naphthalene
Concen: 53.936 ng
RT: 11.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

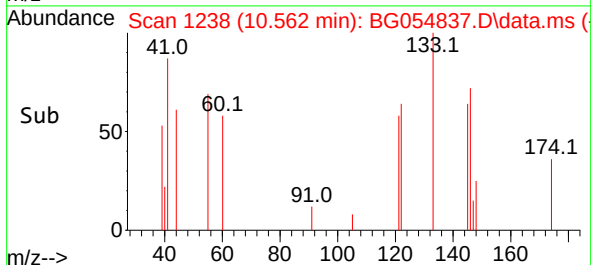
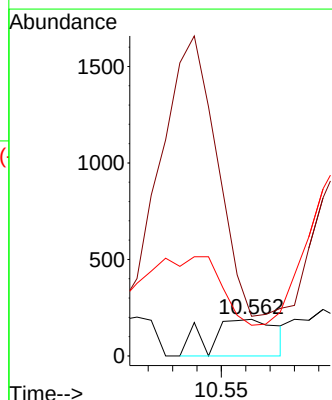
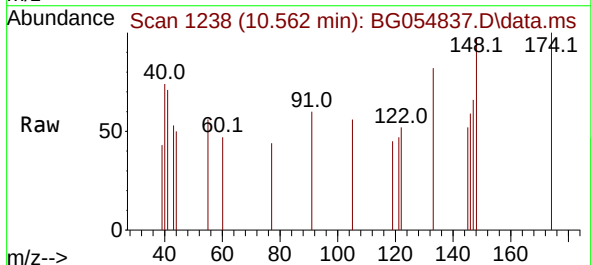
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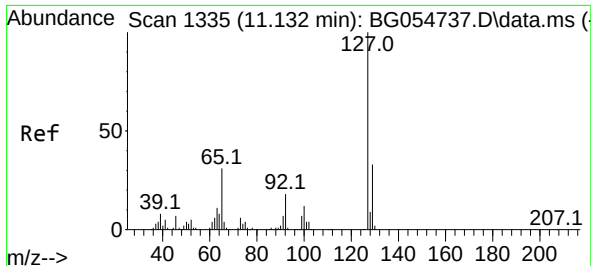
Tgt Ion:128 Resp: 458219
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 8.006 ng
RT: 10.562 min Scan# 1238
Delta R.T. 0.311 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:122 Resp: 367
Ion Ratio Lower Upper
122 100
105 107.9 101.5 141.5
77 83.7 69.3 109.3

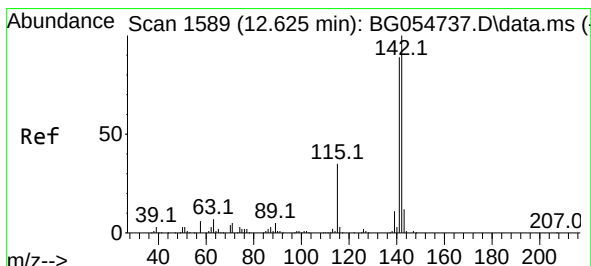
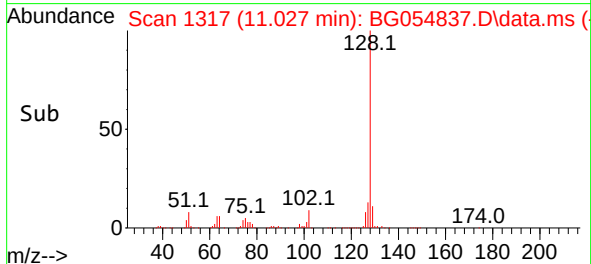
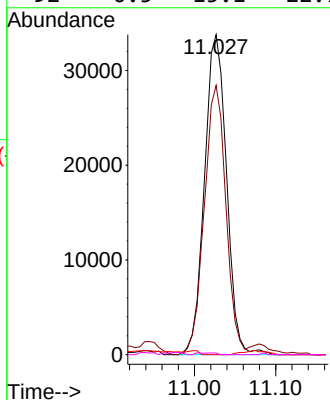
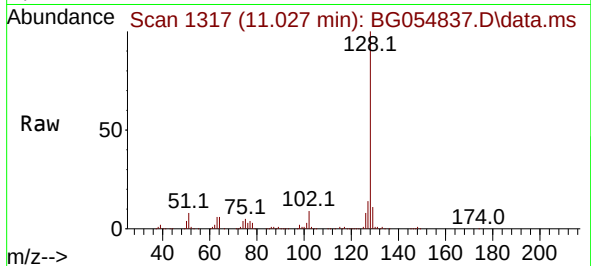




#33
4-Chloroaniline
Concen: 18.376 ng
RT: 11.027 min Scan# 11
Delta R.T. -0.106 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

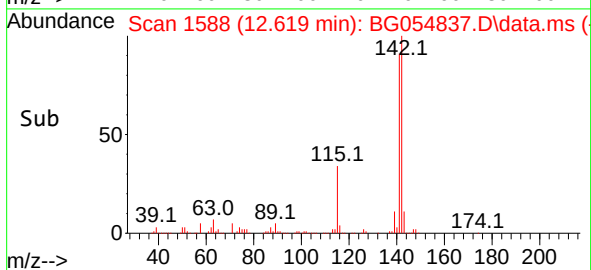
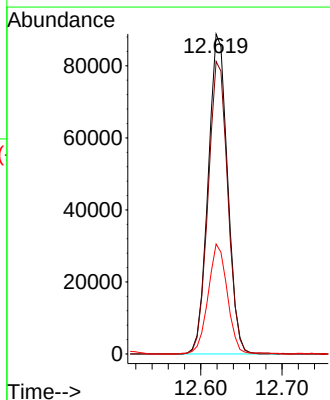
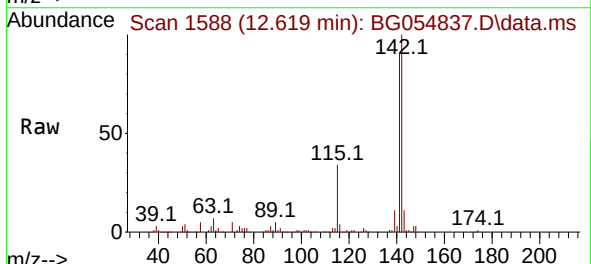
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

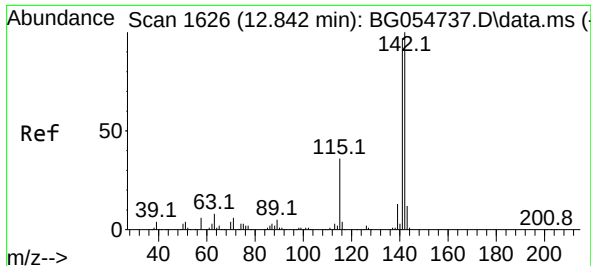
Tgt Ion:127	Resp:	63646
Ion Ratio	Lower	Upper
127	100	
129	84.1	26.0 39.0#
65	0.0	25.8 38.8#
92	0.5	15.1 22.7#



#37
2-Methylnaphthalene
Concen: 24.736 ng
RT: 12.619 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:142	Resp:	147291
Ion Ratio	Lower	Upper
142	100	
141	91.4	73.0 109.4
115	34.3	27.3 40.9

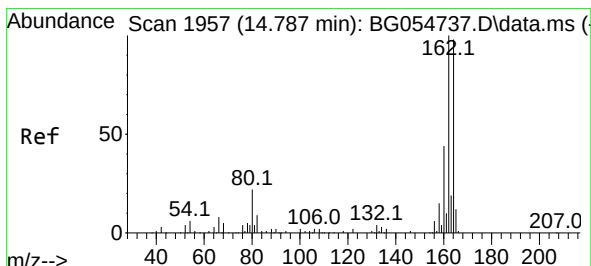
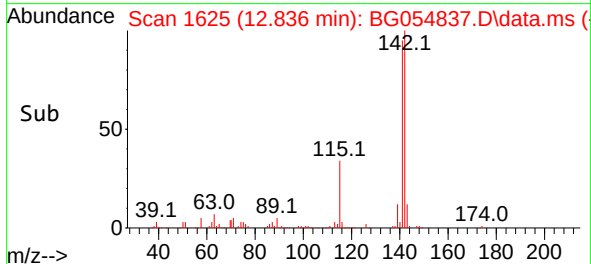
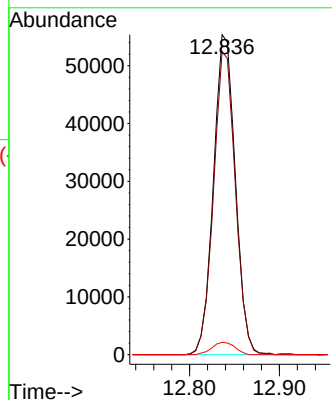
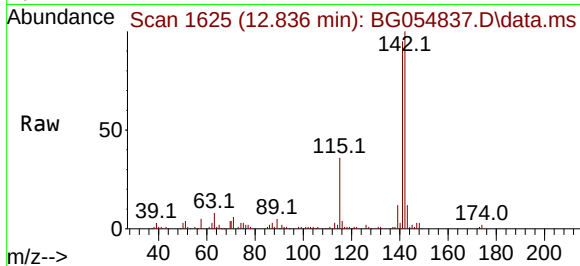




#38
1-Methylnaphthalene
Concen: 16.137 ng
RT: 12.836 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

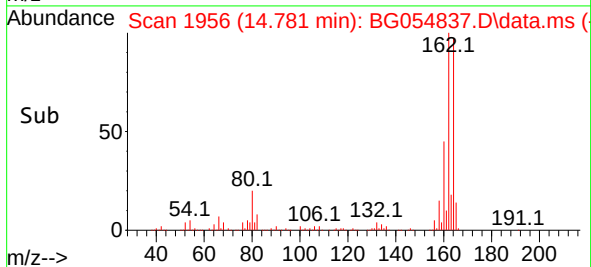
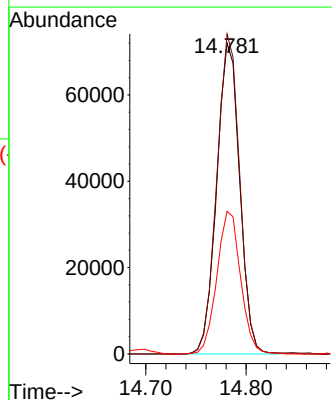
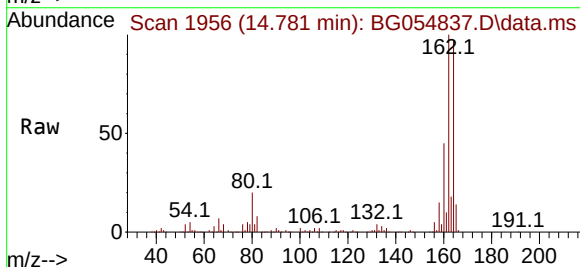
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

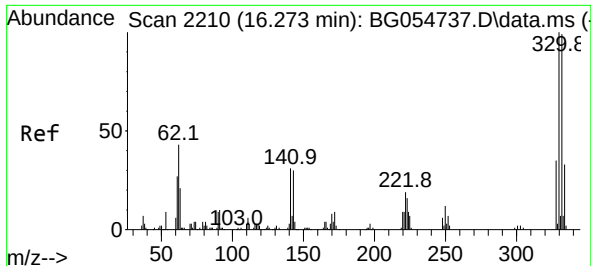
Tgt Ion:142 Resp: 93484
Ion Ratio Lower Upper
142 100
141 94.8 77.4 116.0
116 3.8 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:164 Resp: 114494
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 45.9 38.0 57.0

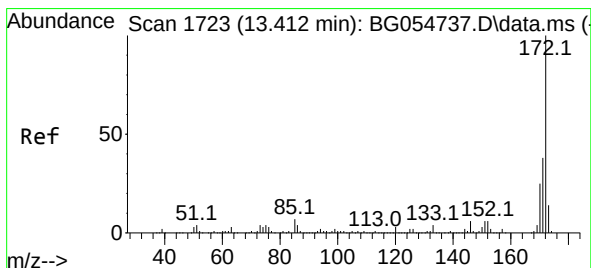
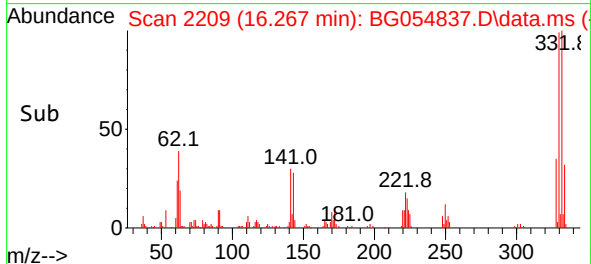
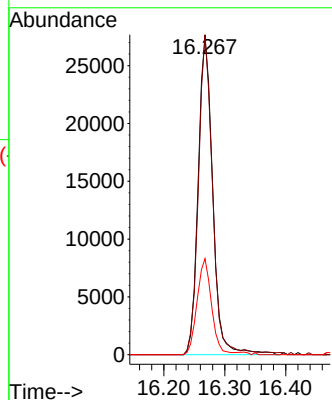
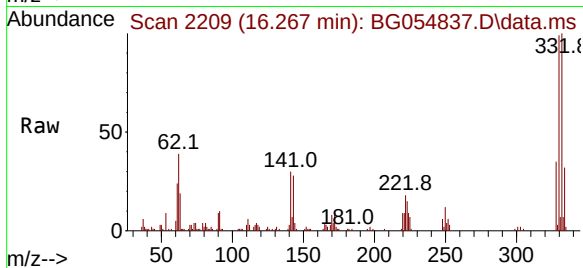




#42
2,4,6-Tribromophenol
Concen: 31.982 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

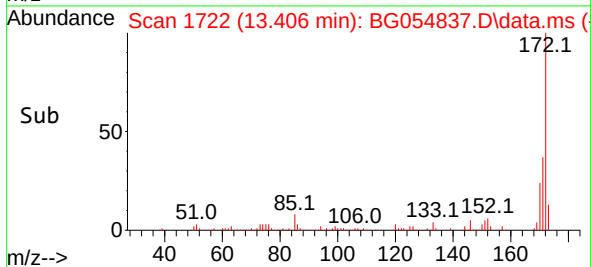
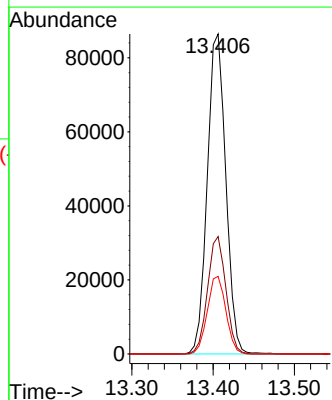
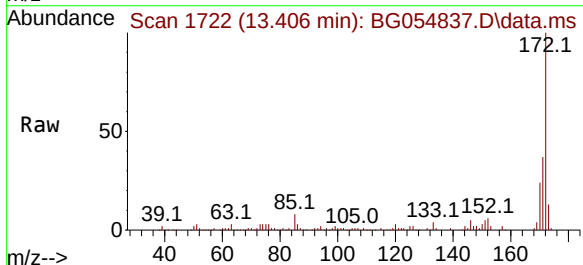
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

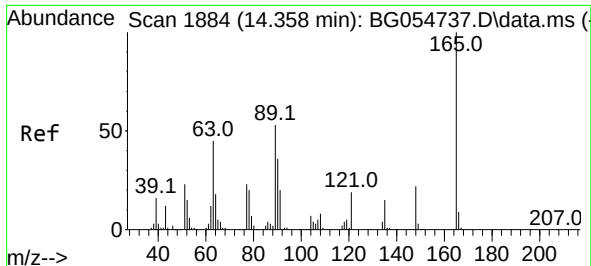
Tgt Ion:330 Resp: 45756
Ion Ratio Lower Upper
330 100
332 97.4 79.8 119.6
141 29.8 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 17.948 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:172 Resp: 136719
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 24.3 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 9.139 ng

RT: 14.781 min Scan# 1956

Delta R.T. 0.423 min

Lab File: BG054837.D

Acq: 2 Sep 2022 12:46

Instrument :

BNA_G

ClientSampleId :

DUP082322DL

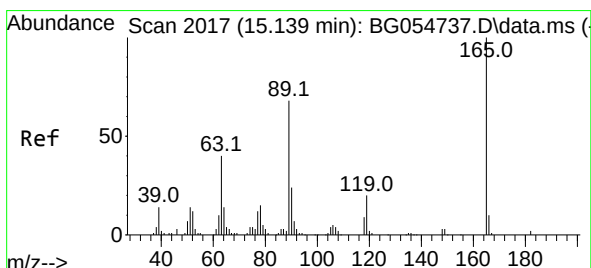
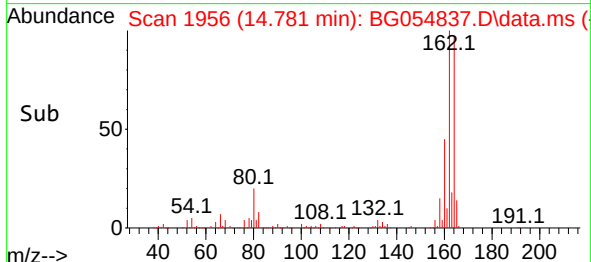
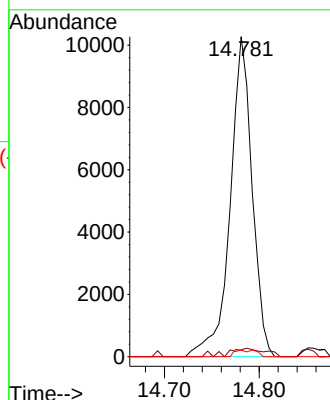
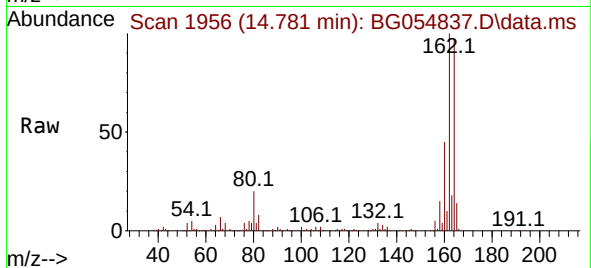
Tgt Ion:165 Resp: 16489

Ion Ratio Lower Upper

165 100

63 2.2 46.0 69.0#

89 2.0 50.3 75.5#



#57

2,4-Dinitrotoluene

Concen: 6.607 ng

RT: 14.781 min Scan# 1956

Delta R.T. -0.358 min

Lab File: BG054837.D

Acq: 2 Sep 2022 12:46

Tgt Ion:165 Resp: 16489

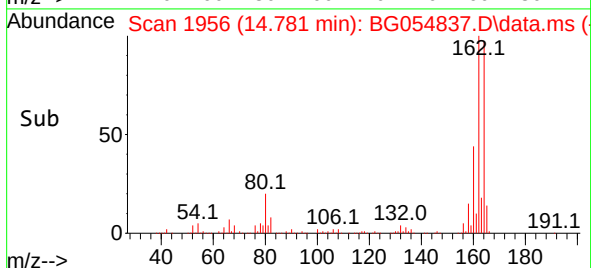
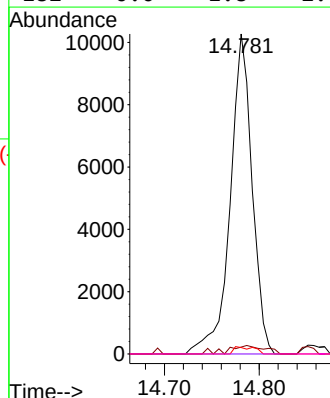
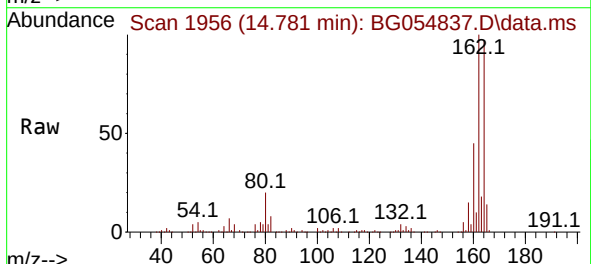
Ion Ratio Lower Upper

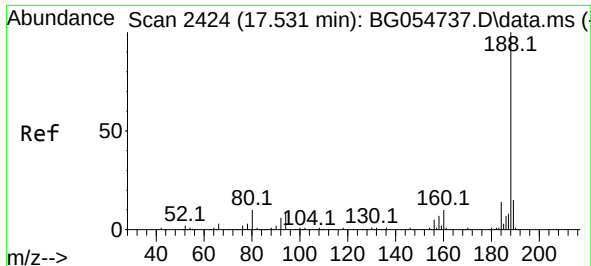
165 100

63 2.2 36.8 55.2#

89 2.0 64.3 96.5#

182 0.0 1.8 2.6#

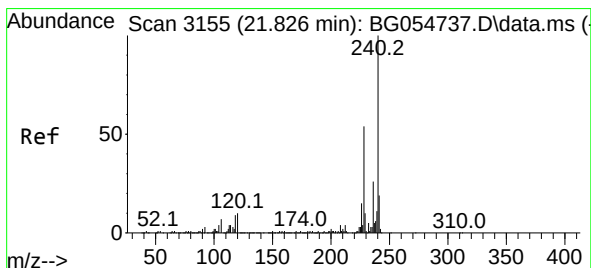
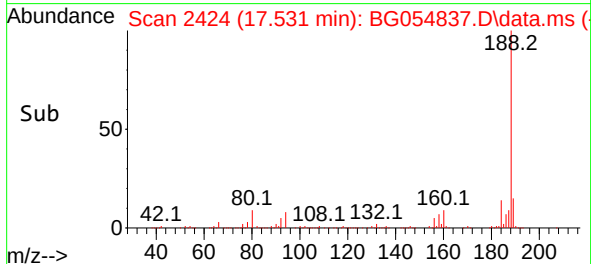
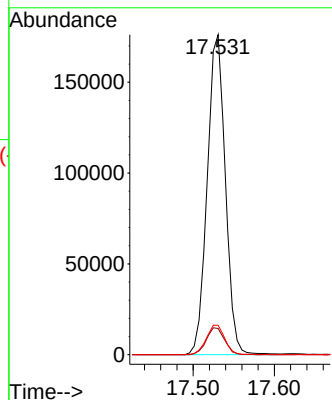
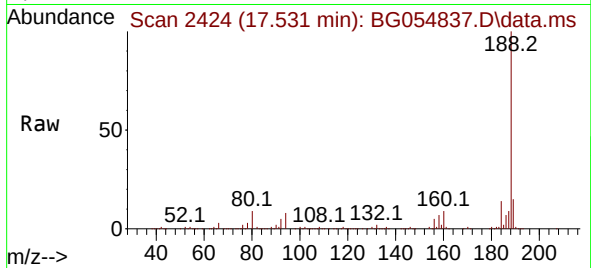




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

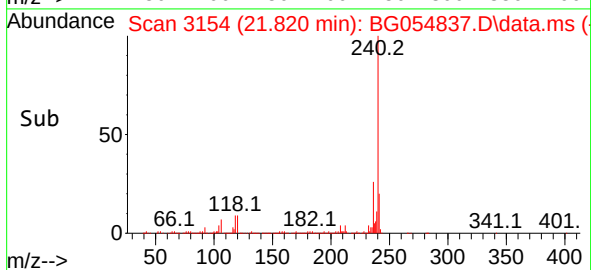
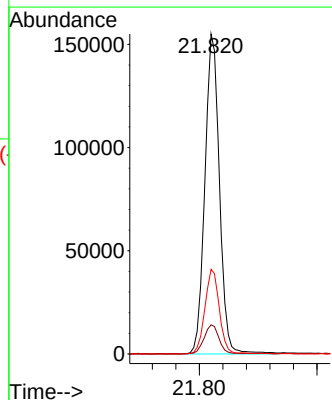
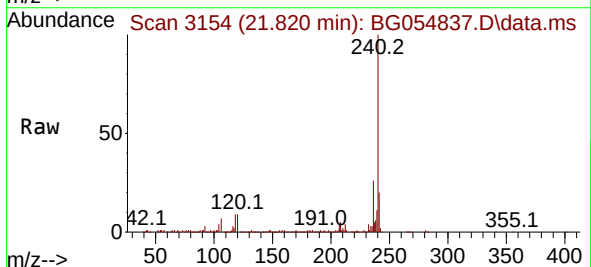
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

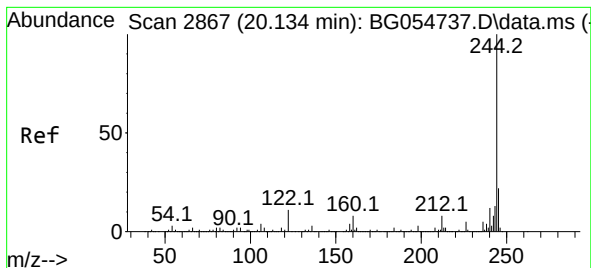
Tgt Ion:188 Resp: 272599
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:240 Resp: 266663
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.4
236 26.4 21.2 31.8





#79

Terphenyl-d14

Concen: 16.200 ng

RT: 20.128 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054837.D

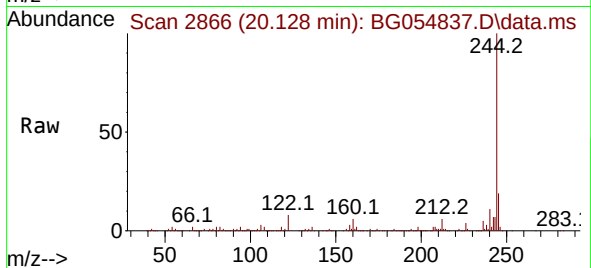
Acq: 2 Sep 2022 12:46

Instrument :

BNA_G

ClientSampleId :

DUP082322DL



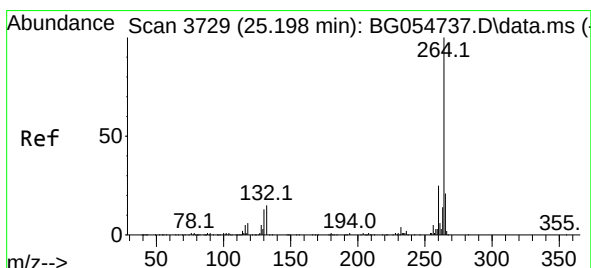
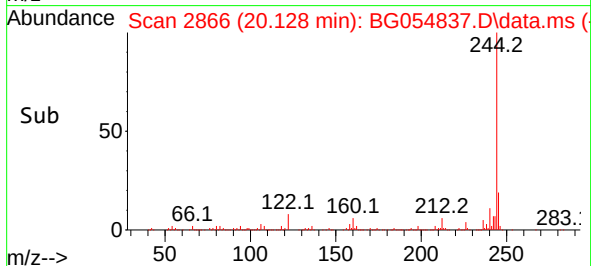
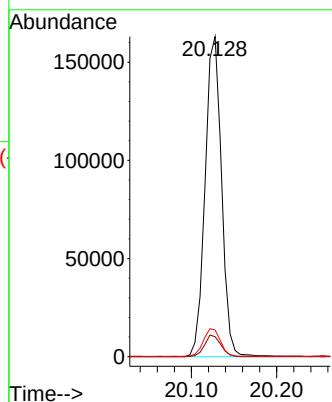
Tgt Ion:244 Resp: 218030

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

122 8.4 9.0 13.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.192 min Scan# 3728

Delta R.T. -0.006 min

Lab File: BG054837.D

Acq: 2 Sep 2022 12:46

Tgt Ion:264 Resp: 282155

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 21.3 16.9 25.3

