

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054924.D
 Acq On : 13 Sep 2022 16:06
 Operator : CG/JU
 Sample : PB147583BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147583BL

Quant Time: Sep 14 03:19:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

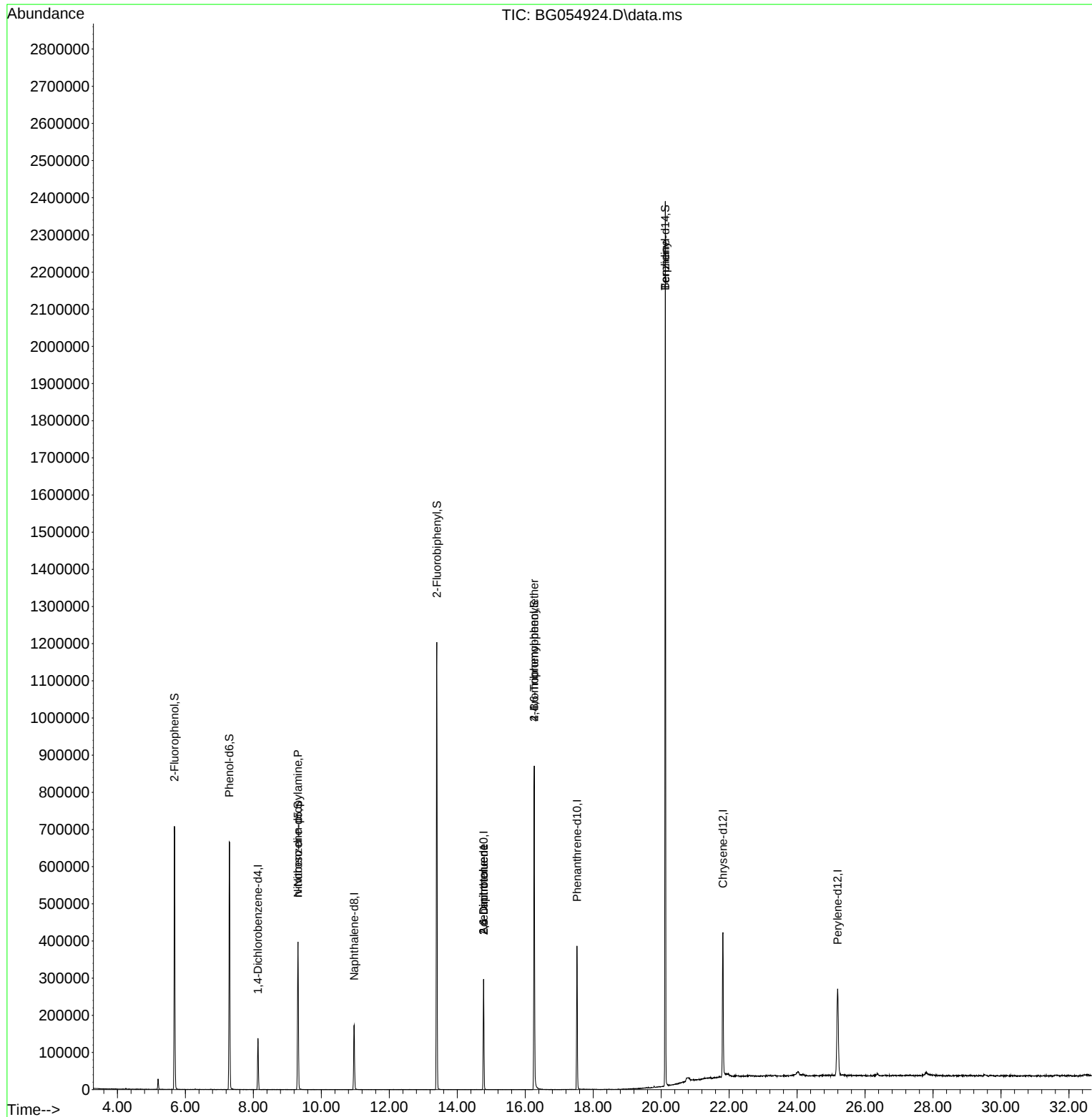
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	43887	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	168891	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	113898	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	270564	20.000	ng	0.00
76) Chrysene-d12	21.819	240	262382	20.000	ng	0.00
86) Perylene-d12	25.191	264	274667	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	356400	141.413	ng	0.00
7) Phenol-d6	7.295	99	455499	132.156	ng	0.00
23) Nitrobenzene-d5	9.316	82	268529	83.467	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	217035	152.495	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	685058	90.401	ng	0.00
79) Terphenyl-d14	20.121	244	1242927	93.860	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.316	70	32858	13.863	ng	# 72
51) 2,6-Dinitrotoluene	14.774	165	15178	8.457	ng	# 20
57) 2,4-Dinitrotoluene	14.774	165	15178	6.114	ng	# 18
67) 4-Bromophenyl-phenylether	16.266	248	13964	4.701	ng	# 1
77) Benzidine	20.121	184	17668	2.719	ng	# 89

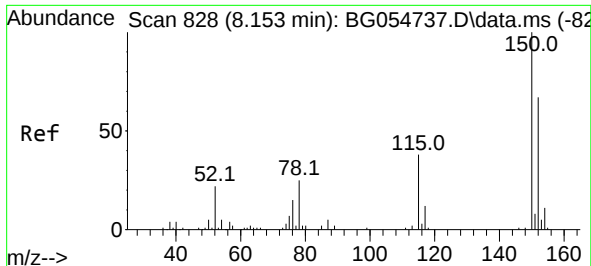
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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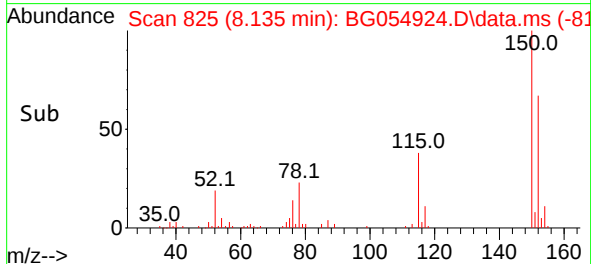
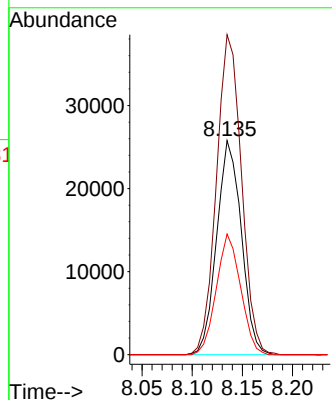
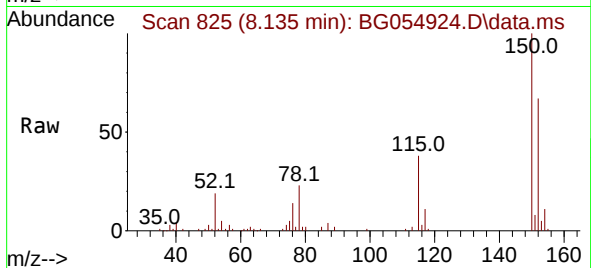




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

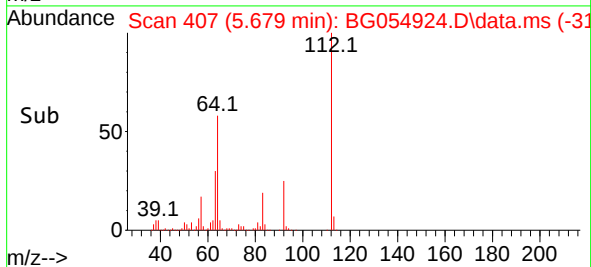
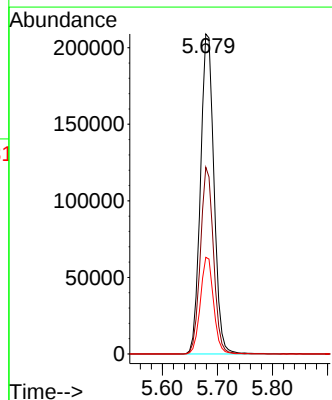
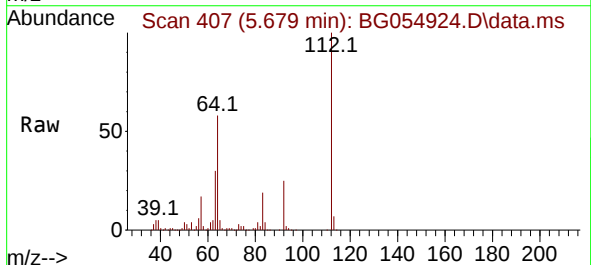
Instrument :
BNA_G
ClientSampleId :
PB147583BL

Tgt Ion:152 Resp: 43887
Ion Ratio Lower Upper
152 100
150 149.5 125.2 187.8
115 56.4 47.9 71.9



#5
2-Fluorophenol
Concen: 141.413 ng
RT: 5.679 min Scan# 407
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion:112 Resp: 356400
Ion Ratio Lower Upper
112 100
64 58.4 49.3 73.9
63 30.2 26.3 39.5

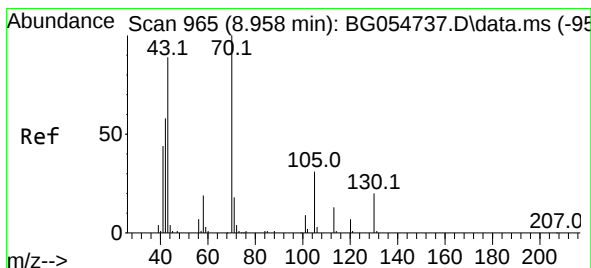
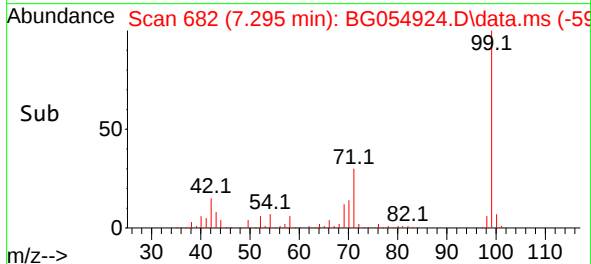
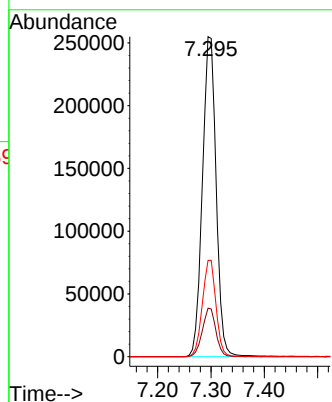
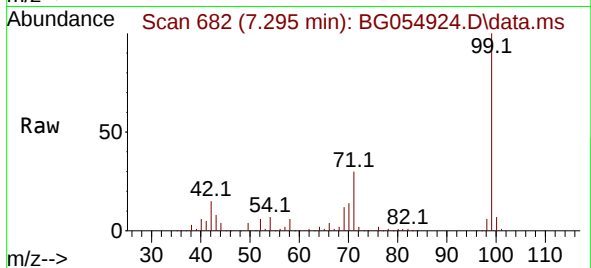




#7
Phenol-d6
Concen: 132.156 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

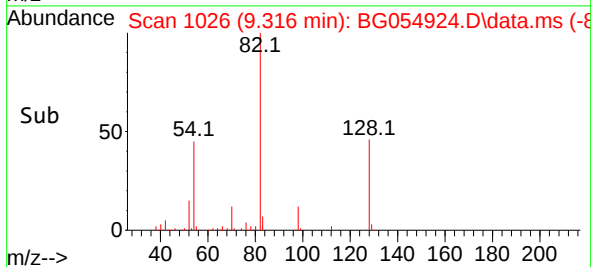
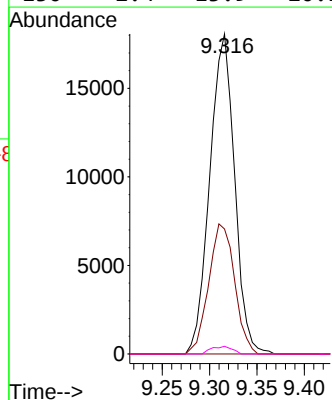
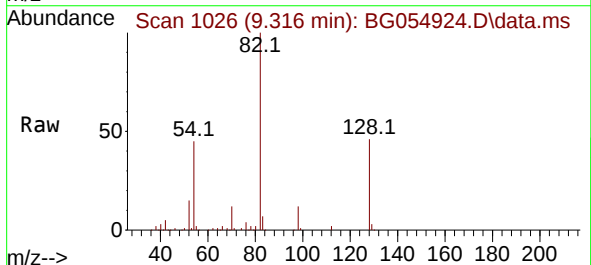
Instrument :
BNA_G
ClientSampleId :
PB147583BL

Tgt Ion: 99 Resp: 455499
Ion Ratio Lower Upper
99 100
42 15.2 14.6 22.0
71 30.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.863 ng
RT: 9.316 min Scan# 1026
Delta R.T. 0.365 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 70 Resp: 32858
Ion Ratio Lower Upper
70 100
42 39.1 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

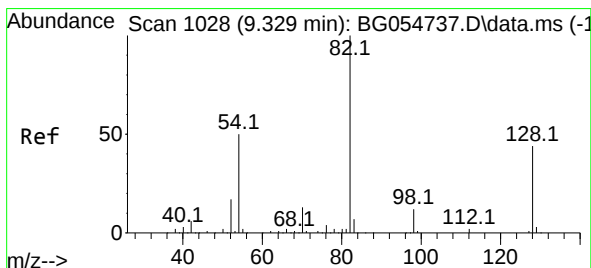
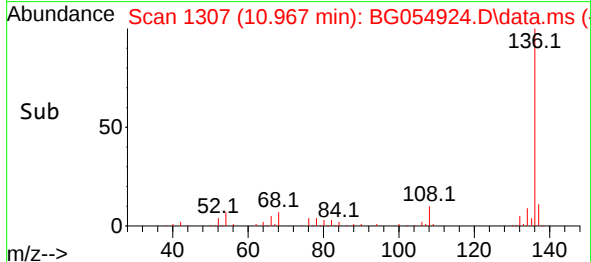
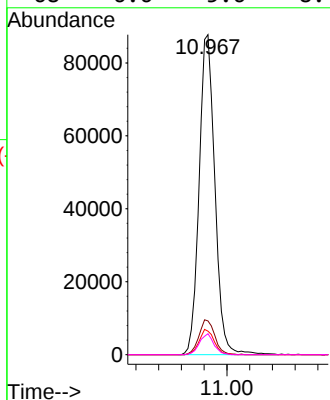
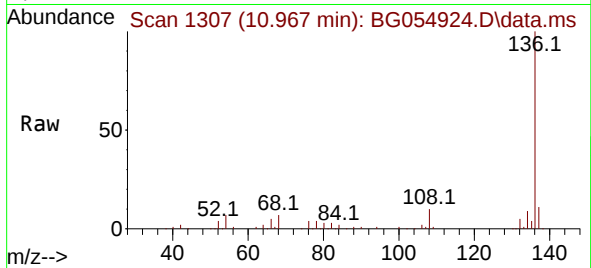
Instrument :

BNA_G

ClientSampleId :

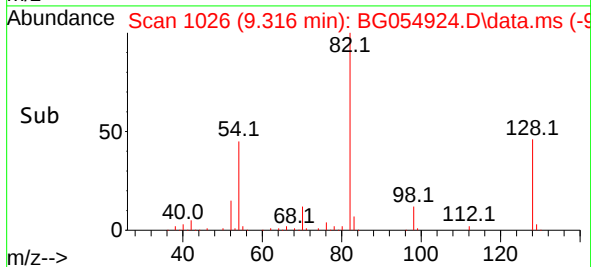
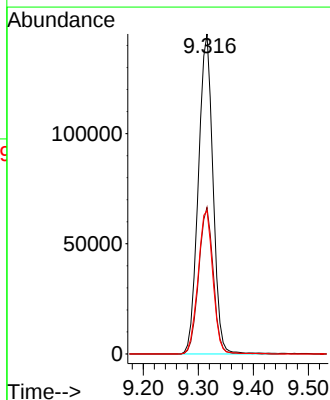
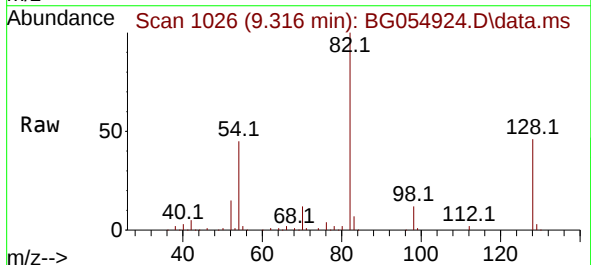
PB147583BL

Tgt Ion:136 Resp: 168891
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.3 7.7 11.5#
68 6.6 5.6 8.4



#23
Nitrobenzene-d5
Concen: 83.467 ng
RT: 9.316 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 82 Resp: 268529
Ion Ratio Lower Upper
82 100
128 45.8 32.2 48.2
54 44.8 41.4 62.0

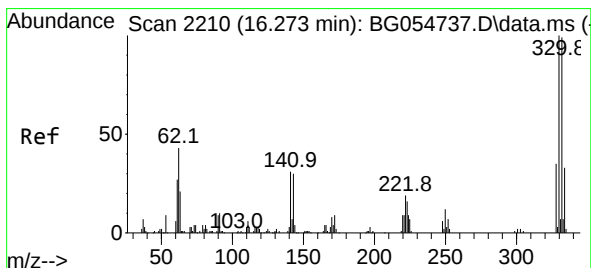
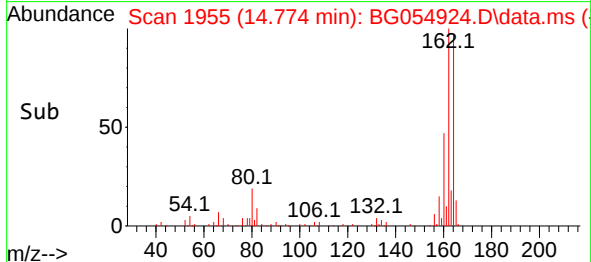
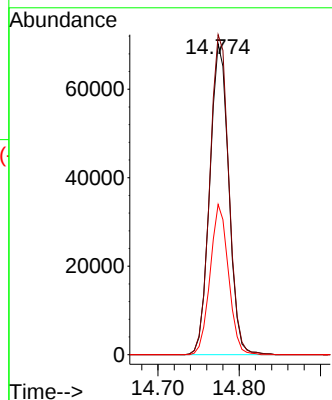
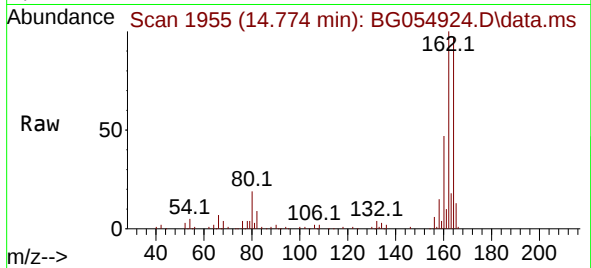




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

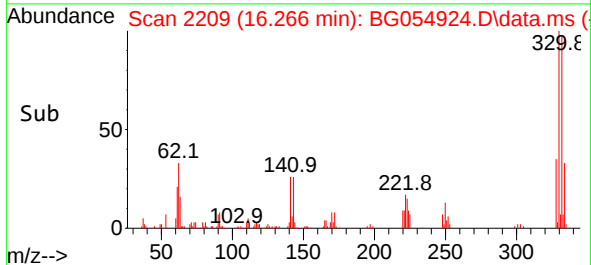
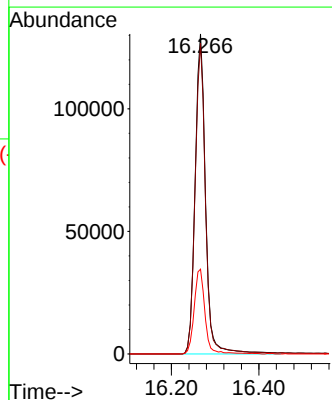
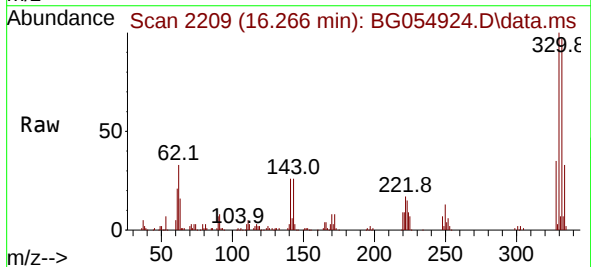
Instrument :
BNA_G
ClientSampleId :
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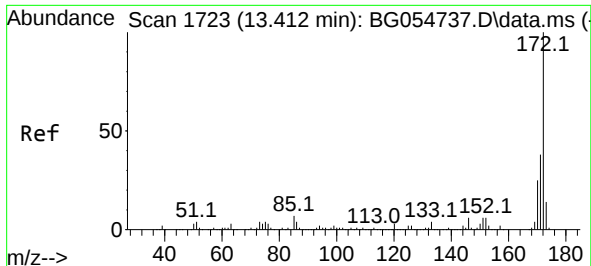
Tgt Ion:164 Resp: 113898
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 48.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 152.495 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion:330 Resp: 217035
Ion Ratio Lower Upper
330 100
332 96.1 79.8 119.6
141 27.4 26.8 40.2

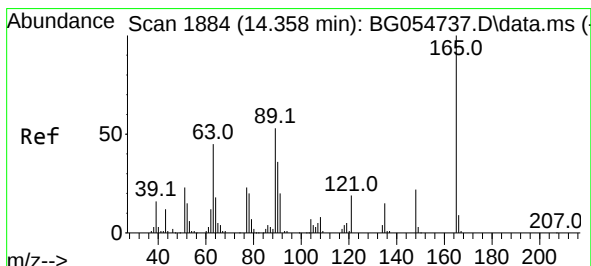
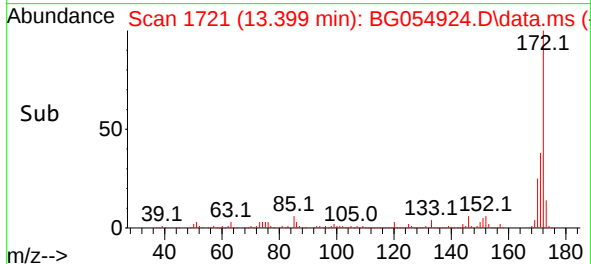
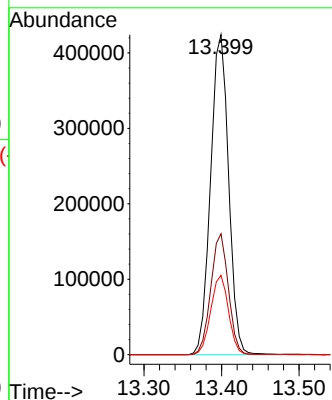
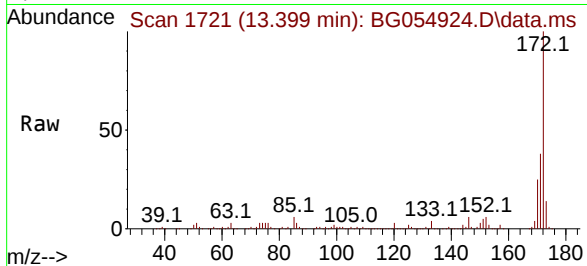




#45
2-Fluorobiphenyl
Concen: 90.401 ng
RT: 13.399 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

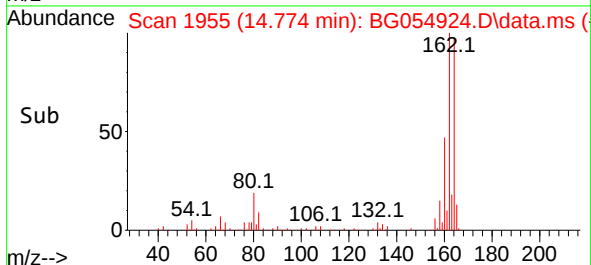
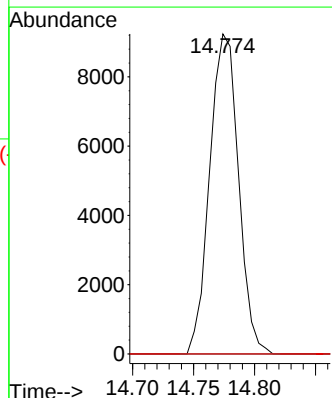
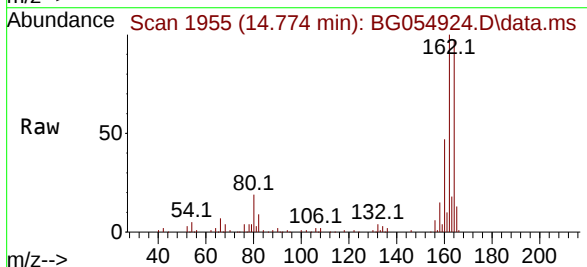
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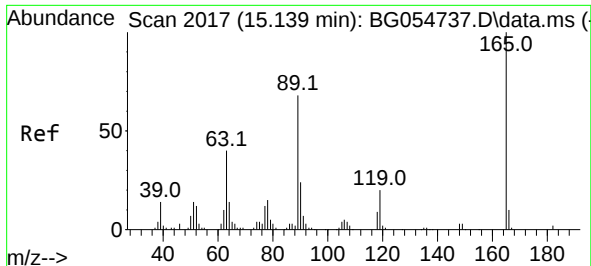
Tgt Ion:172 Resp: 685058
Ion Ratio Lower Upper
172 100
171 37.8 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.457 ng
RT: 14.774 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion:165 Resp: 15178
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.114 ng

RT: 14.774 min Scan# 1955

Delta R.T. -0.370 min

Lab File: BG054924.D

Acq: 13 Sep 2022 16:06

Instrument :

BNA_G

ClientSampleId :

PB147583BL

Tgt Ion:165 Resp: 15178

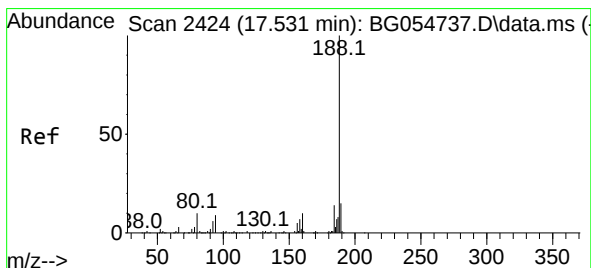
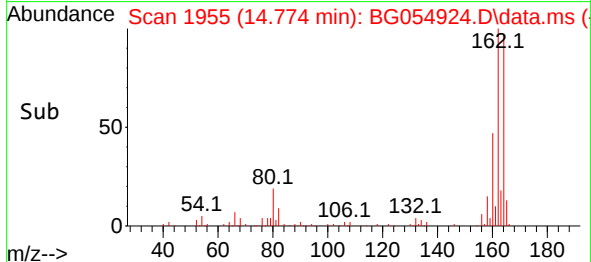
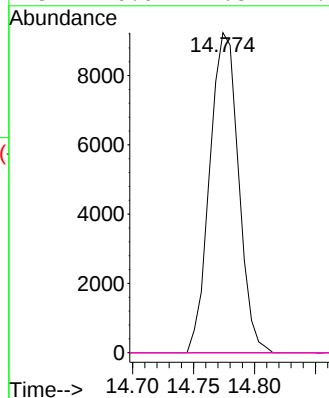
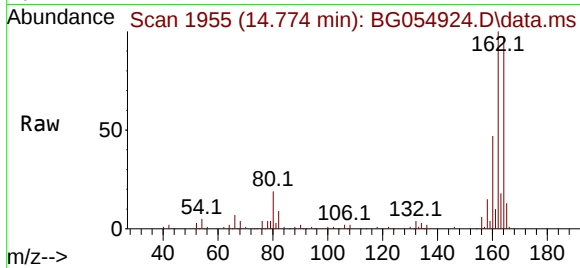
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.524 min Scan# 2423

Delta R.T. -0.005 min

Lab File: BG054924.D

Acq: 13 Sep 2022 16:06

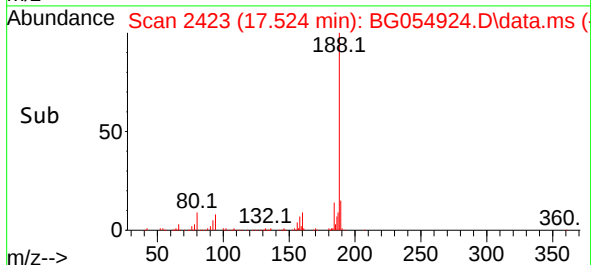
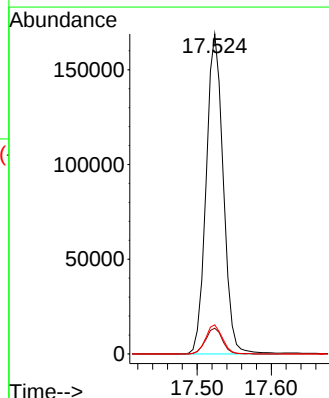
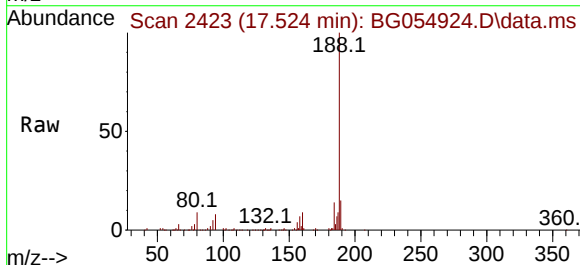
Tgt Ion:188 Resp: 270564

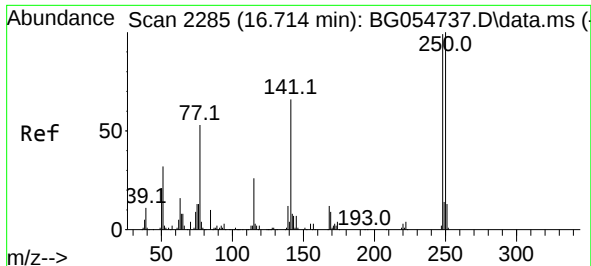
Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 9.1 7.9 11.9

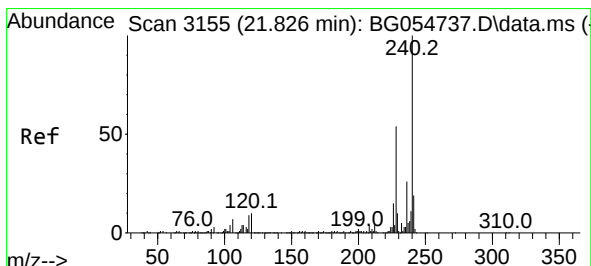
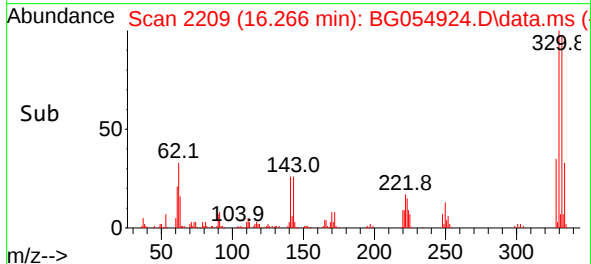
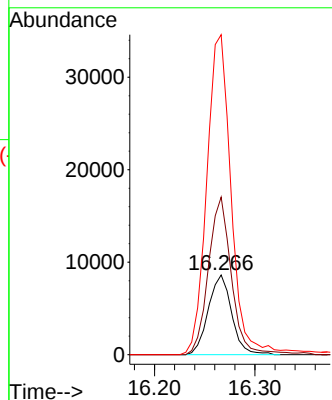
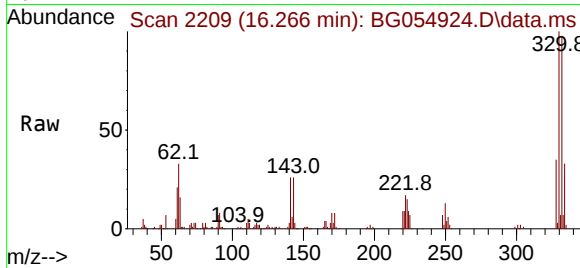




#67
4-Bromophenyl-phenylether
Concen: 4.701 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

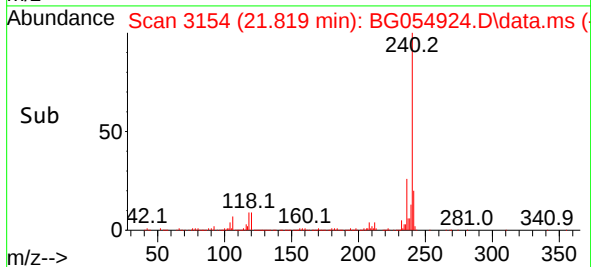
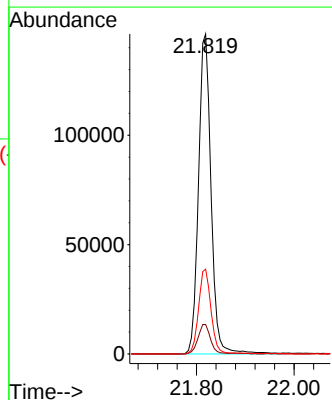
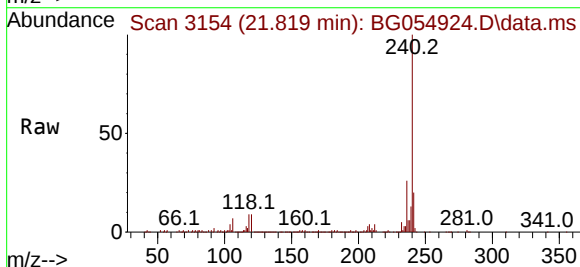
Instrument :
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PB147583BL

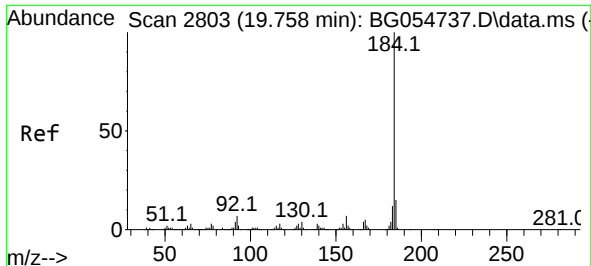
Tgt Ion:248 Resp: 13964
Ion Ratio Lower Upper
248 100
250 197.9 78.8 118.2#
141 401.6 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Tgt Ion:240 Resp: 262382
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 26.5 21.2 31.8

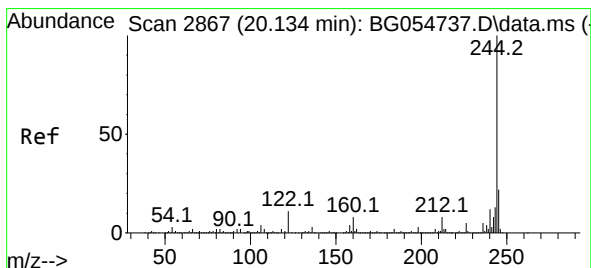
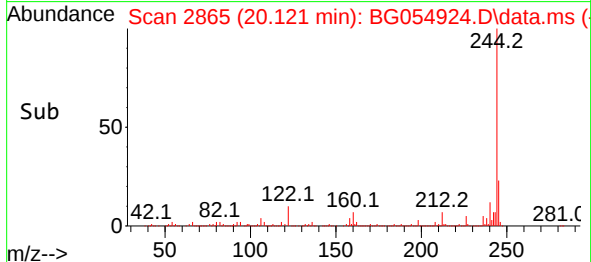
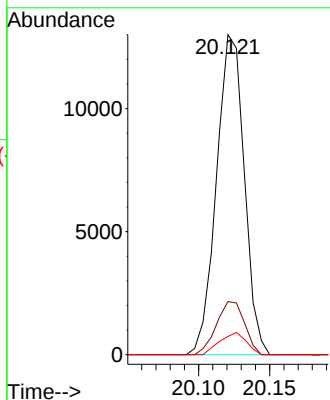
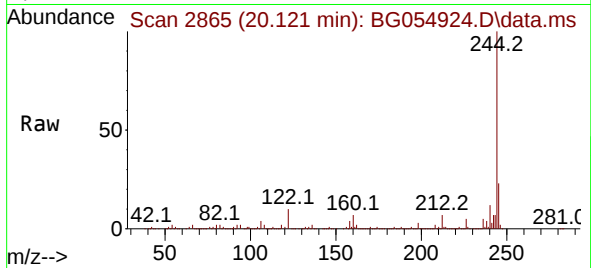




#77
Benzidine
Concen: 2.719 ng
RT: 20.121 min Scan# 2865
Delta R.T. 0.371 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

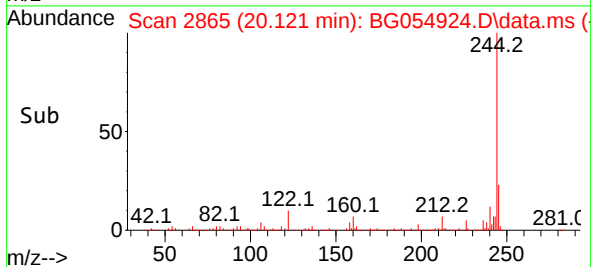
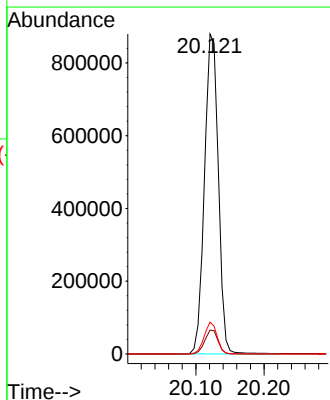
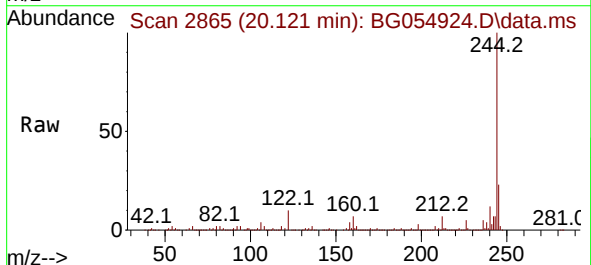
Instrument :
BNA_G
ClientSampleId :
PB147583BL

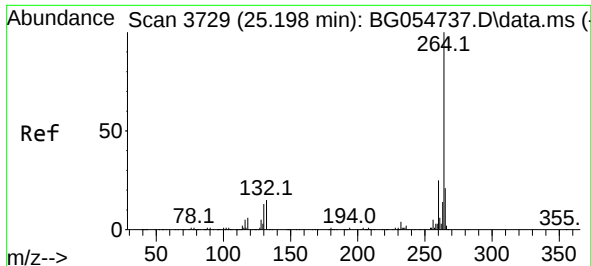
Tgt Ion:184 Resp: 17668
Ion Ratio Lower Upper
184 100
185 16.6 11.4 17.0
183 5.7 9.8 14.8#



#79
Terphenyl-d14
Concen: 93.860 ng
RT: 20.121 min Scan# 2865
Delta R.T. -0.005 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

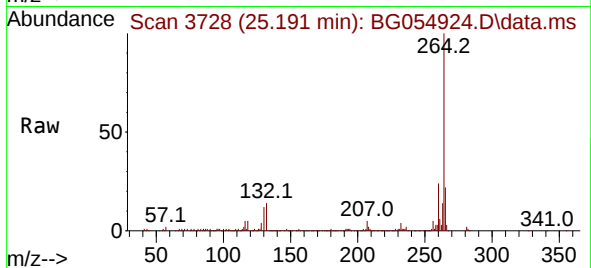
Tgt Ion:244 Resp: 1242927
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.9 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG054924.D
Acq: 13 Sep 2022 16:06

Instrument :
BNA_G
ClientSampleId :
PB147583BL



Tgt Ion:264 Resp: 274667

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	21.6	16.9	25.3

