

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
 Data File : BG054548.D
 Acq On : 8 Aug 2022 11:10
 Operator : CG/JU
 Sample : PB146797BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146797BL

Quant Time: Aug 08 14:51:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

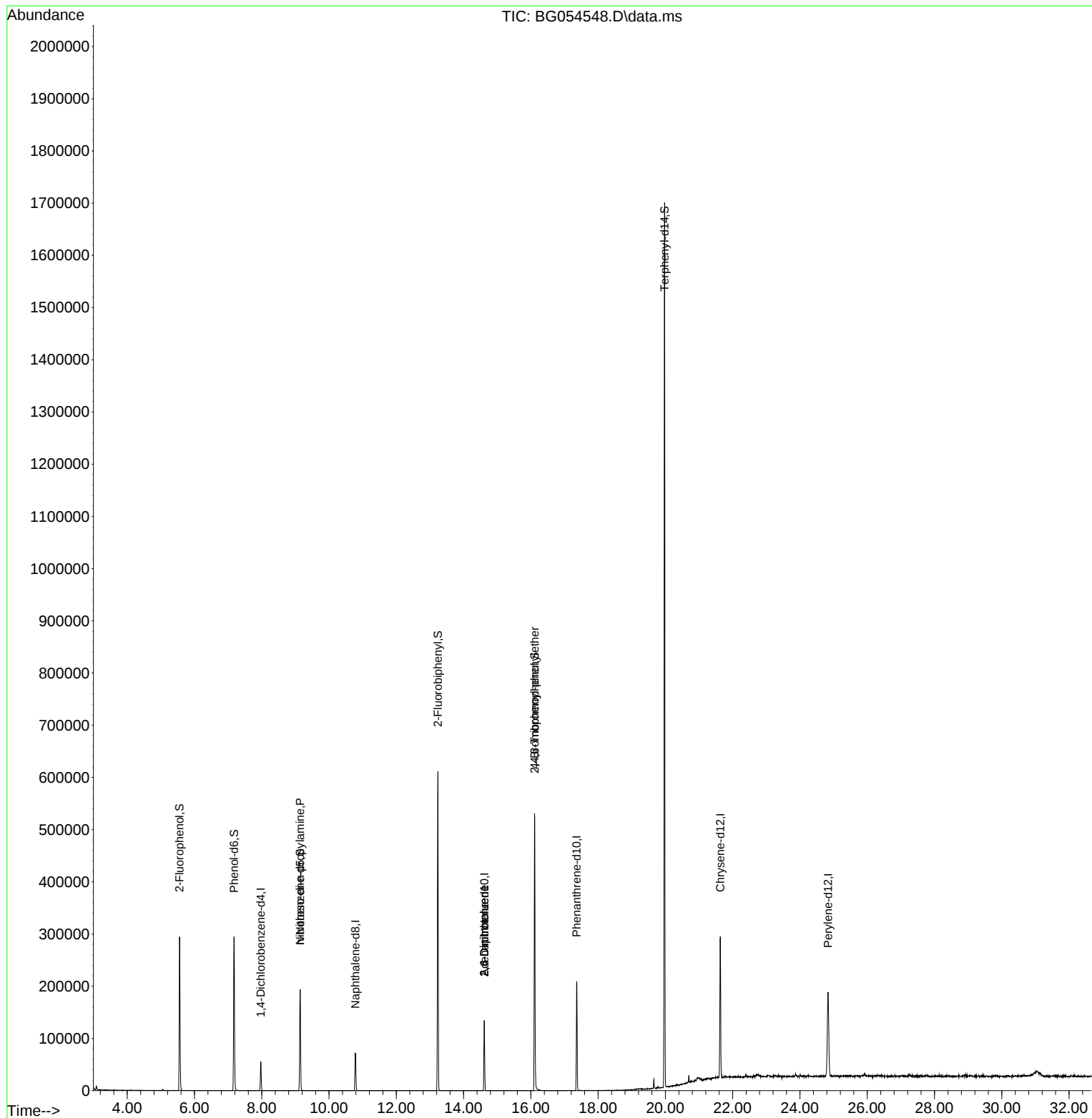
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	17882	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	67981	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	54324	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	156290	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	194928	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	199820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.558	112	133086	155.390	ng	0.00
7) Phenol-d6	7.174	99	173726	148.032	ng	0.00
23) Nitrobenzene-d5	9.142	82	118370	94.822	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	148786	130.445	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	351686	91.326	ng	0.00
79) Terphenyl-d14	19.976	244	973520	99.076	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.168	77	126	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.142	70	17099	21.819	ng	# 83
51) 2,6-Dinitrotoluene	14.618	165	7643	8.212	ng	# 16
57) 2,4-Dinitrotoluene	14.618	165	7643	5.728	ng	# 21
67) 4-Bromophenyl-phenylether	16.110	248	9041	4.119	ng	# 1

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

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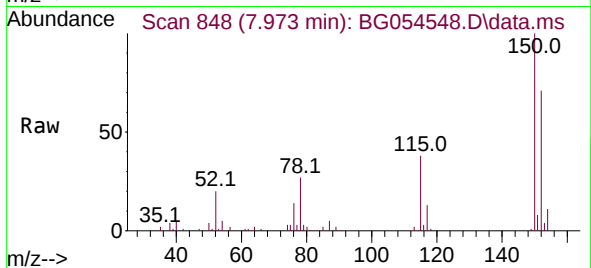
Quant Time: Aug 08 14:51:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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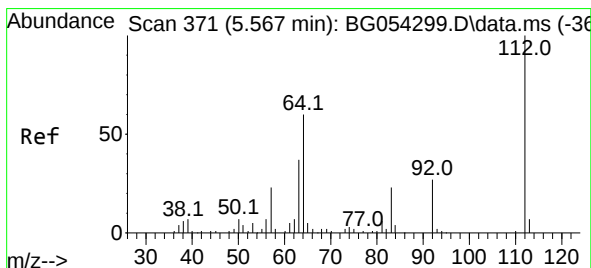
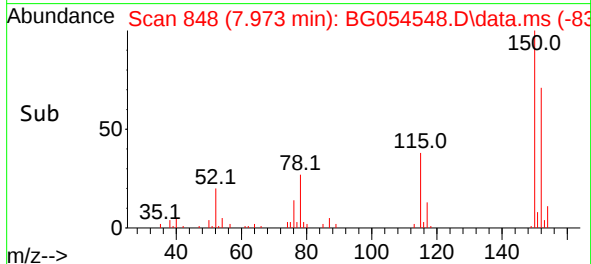
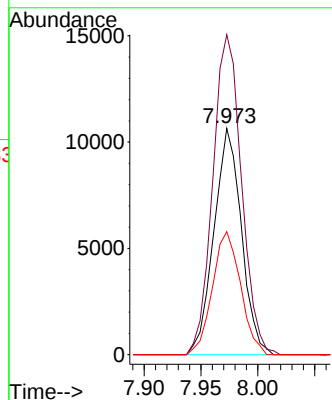


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.973 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

Instrument :
BNA_G
ClientSampleId :
PB146797BL

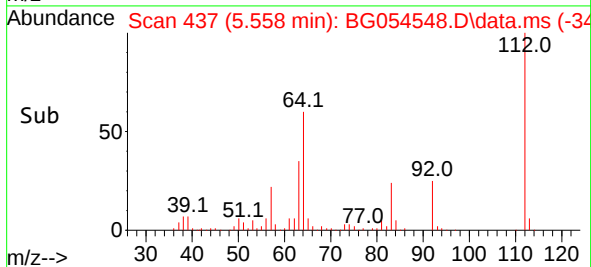
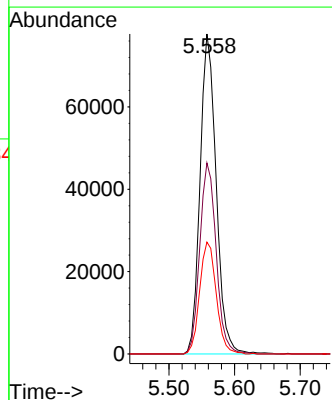
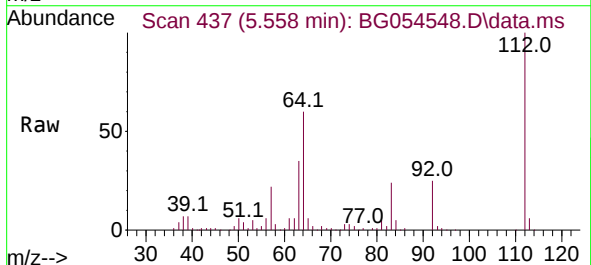


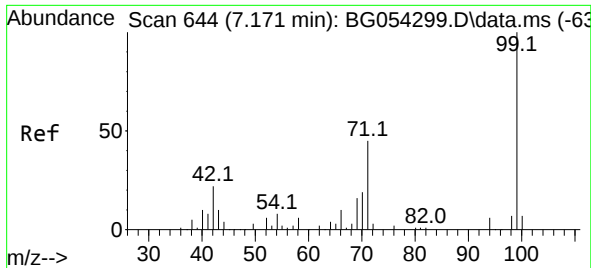
Tgt Ion:152 Resp: 17882
Ion Ratio Lower Upper
152 100
150 141.4 131.6 197.4
115 54.4 50.9 76.3



#5
2-Fluorophenol
Concen: 155.390 ng
RT: 5.558 min Scan# 437
Delta R.T. -0.006 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

Tgt Ion:112 Resp: 133086
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 35.0 30.4 45.6

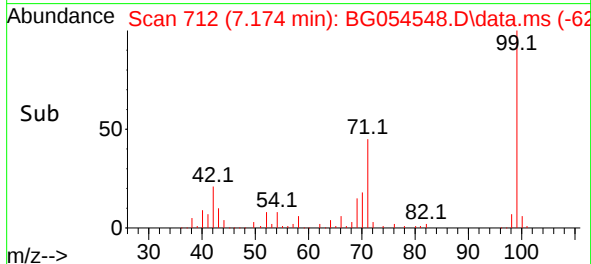
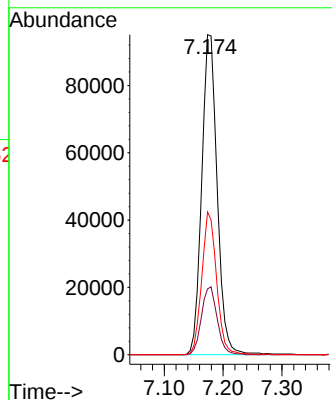
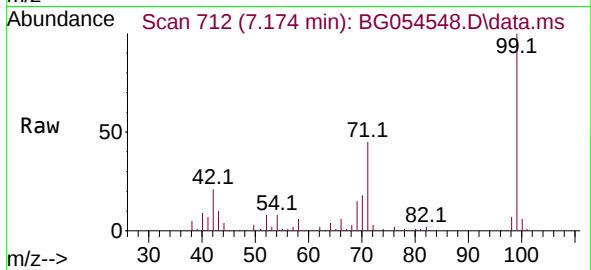




#7
Phenol-d6
Concen: 148.032 ng
RT: 7.174 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

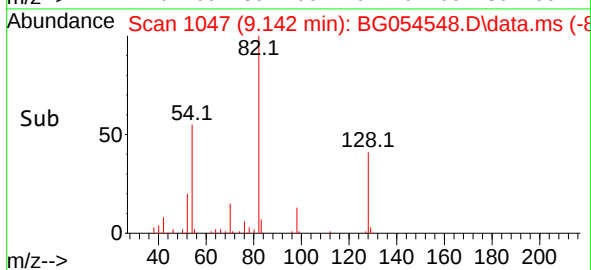
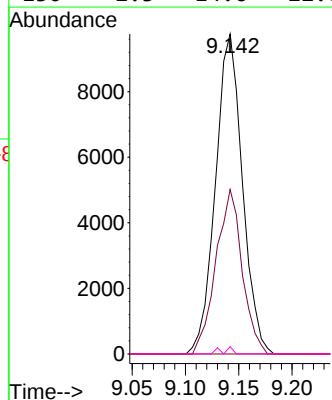
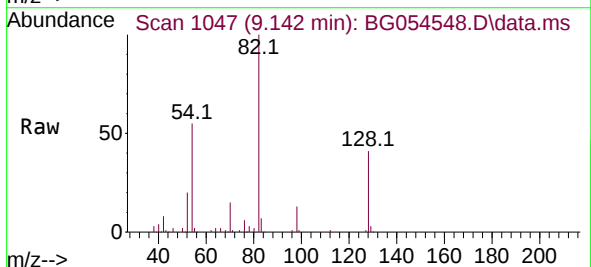
Instrument :
BNA_G
ClientSampleId :
PB146797BL

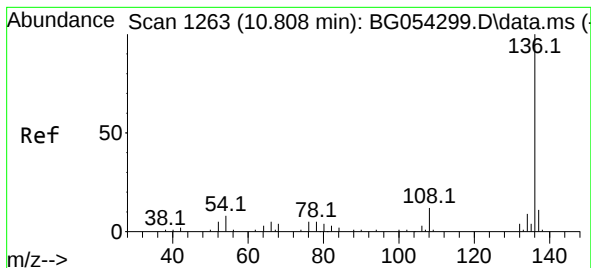
Tgt Ion: 99 Resp: 173726
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 44.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.819 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.359 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

Tgt Ion: 70 Resp: 17099
Ion Ratio Lower Upper
70 100
42 51.4 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.787 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG054548.D

Acq: 8 Aug 2022 11:10

Instrument :

BNA_G

ClientSampleId :

PB146797BL

Tgt Ion:136 Resp: 67981

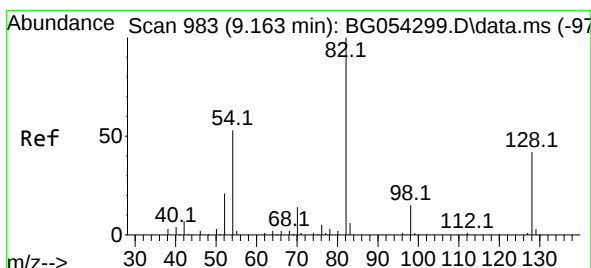
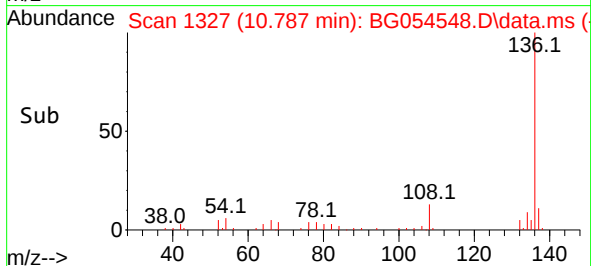
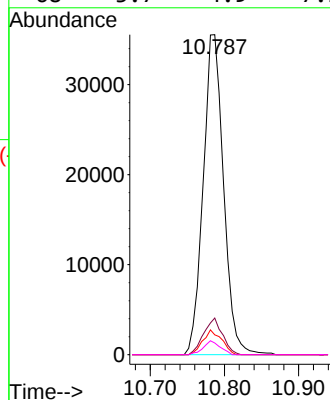
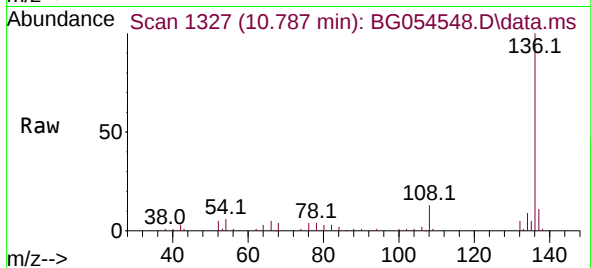
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 6.2 7.4 11.2#

68 3.7 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 94.822 ng

RT: 9.142 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BG054548.D

Acq: 8 Aug 2022 11:10

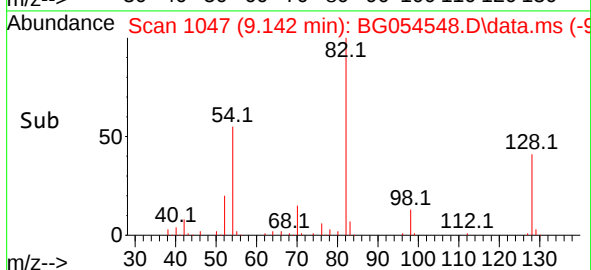
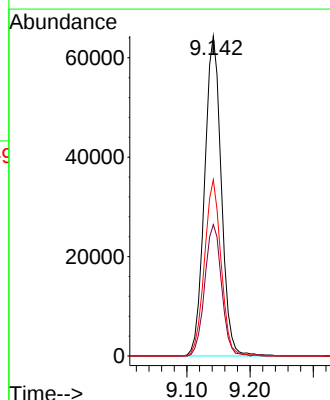
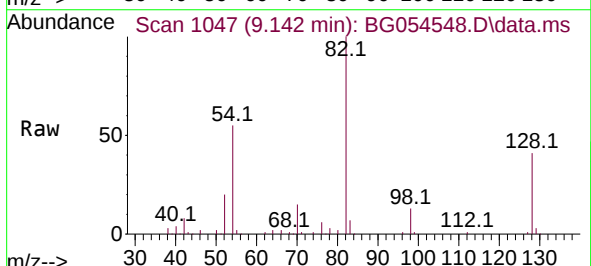
Tgt Ion: 82 Resp: 118370

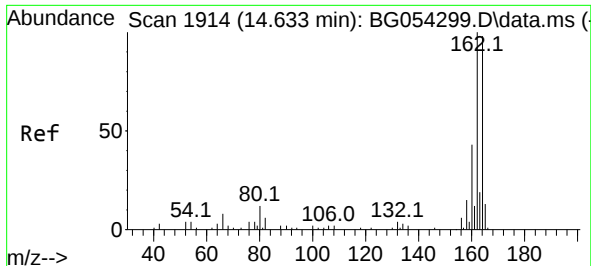
Ion Ratio Lower Upper

82 100

128 41.1 27.9 41.9

54 55.1 41.2 61.8

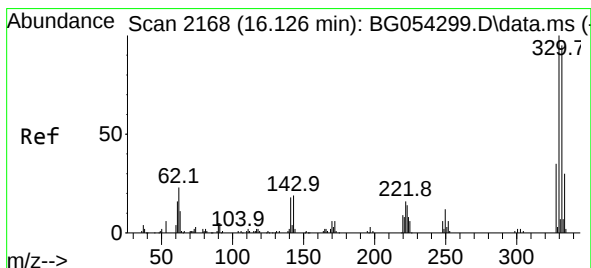
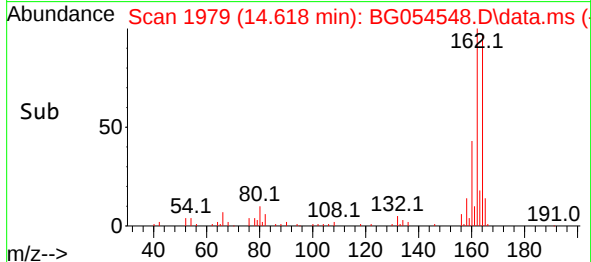
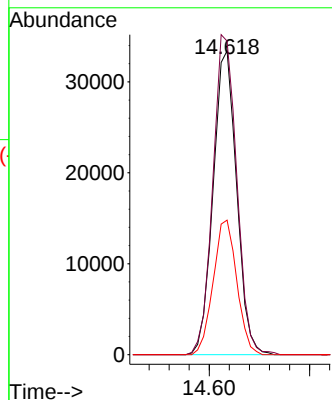
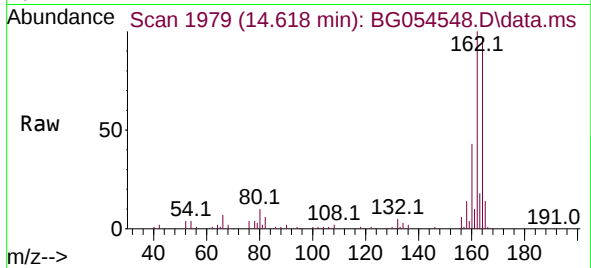




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

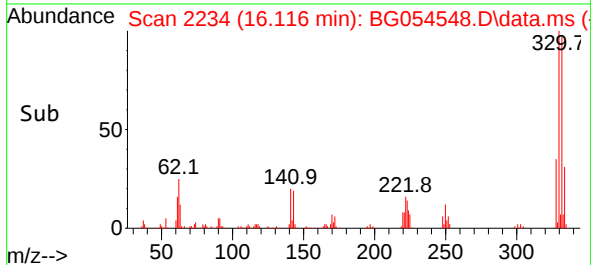
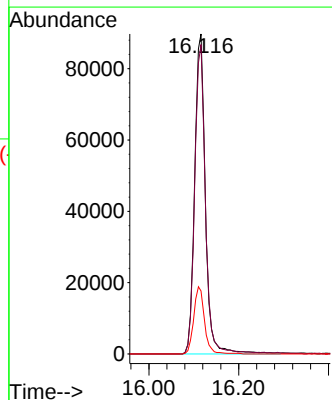
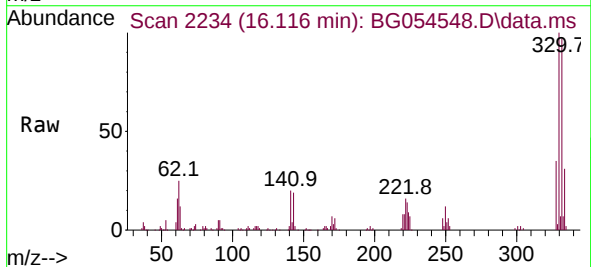
Instrument :
BNA_G
ClientSampleId :
PB146797BL

Tgt Ion:164 Resp: 54324
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 44.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 130.445 ng
RT: 16.116 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

Tgt Ion:330 Resp: 148786
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 21.1 27.1 40.7#

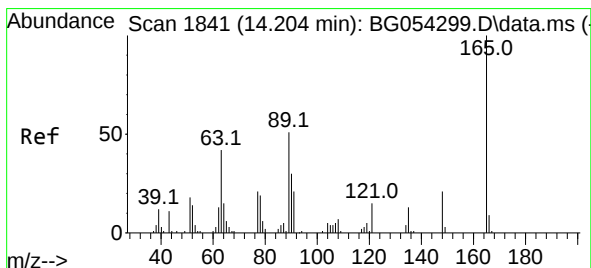
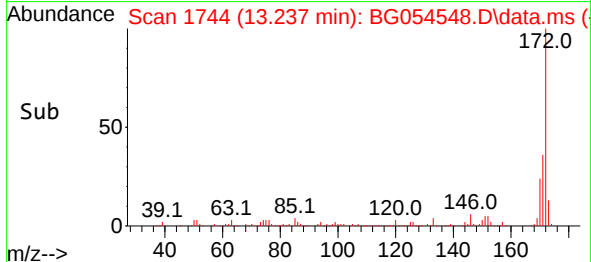
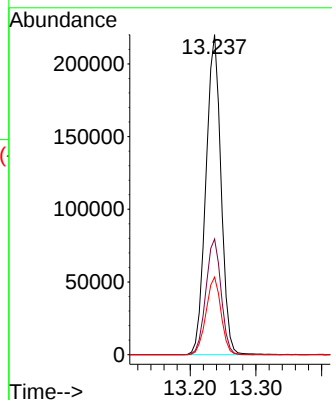
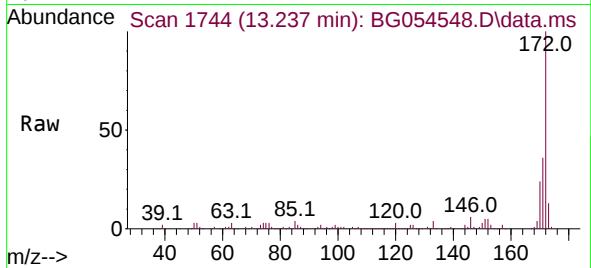




#45
2-Fluorobiphenyl
Concen: 91.326 ng
RT: 13.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

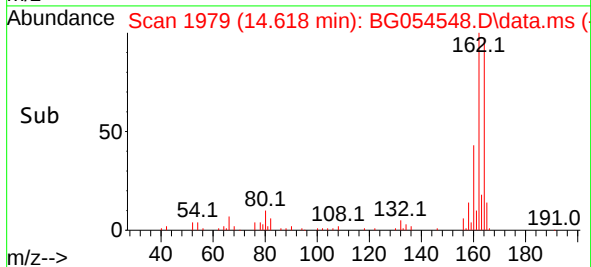
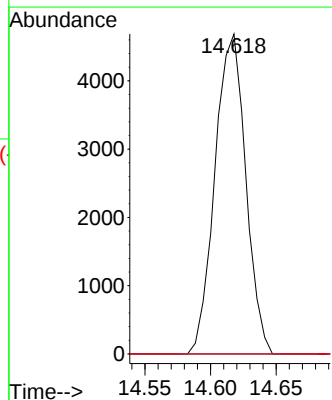
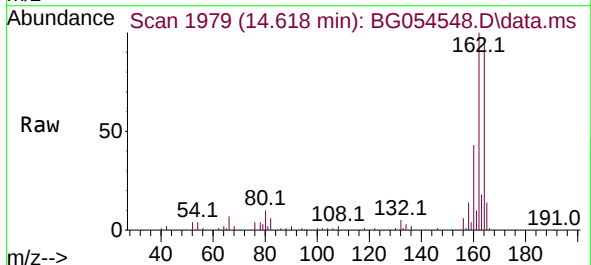
Instrument :
BNA_G
ClientSampleId :
PB146797BL

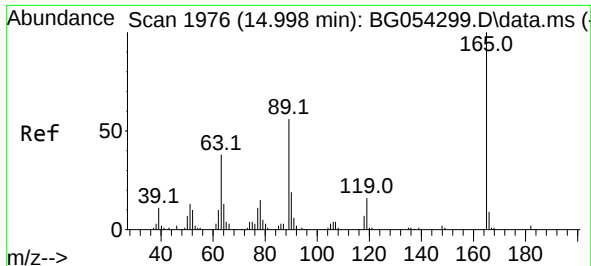
Tgt Ion:172 Resp: 351686
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.212 ng
RT: 14.618 min Scan# 1979
Delta R.T. 0.423 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

Tgt Ion:165 Resp: 7643
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.728 ng

RT: 14.618 min Scan# 14

Delta R.T. -0.376 min

Lab File: BG054548.D

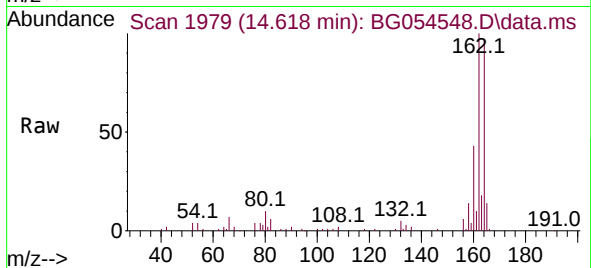
Acq: 8 Aug 2022 11:10

Instrument :

BNA_G

ClientSampleId :

PB146797BL



Tgt Ion:165 Resp: 7643

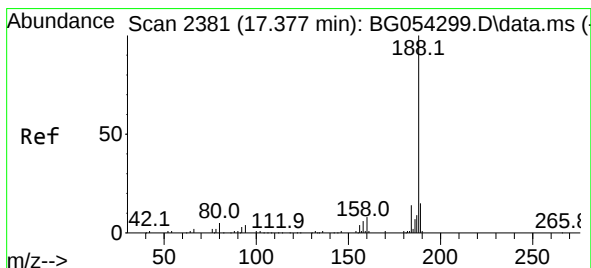
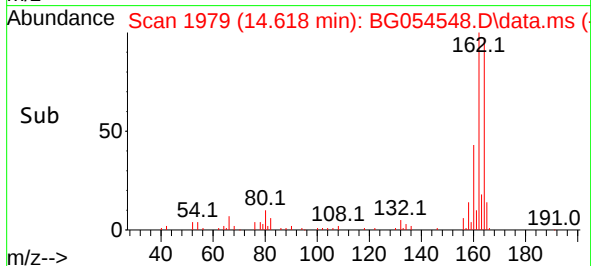
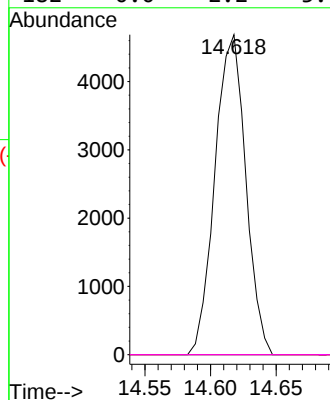
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BG054548.D

Acq: 8 Aug 2022 11:10

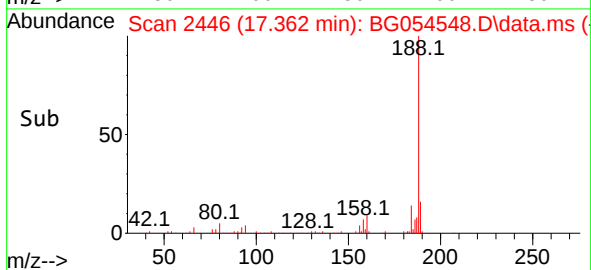
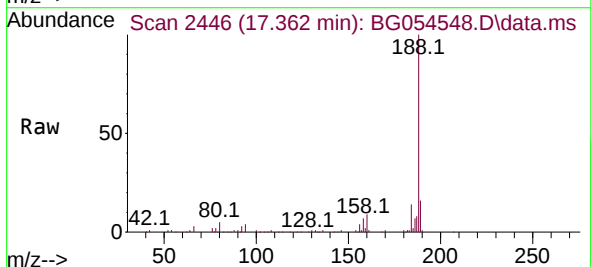
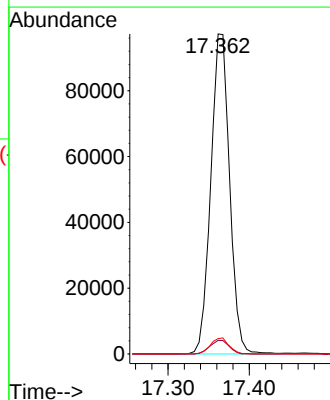
Tgt Ion:188 Resp: 156290

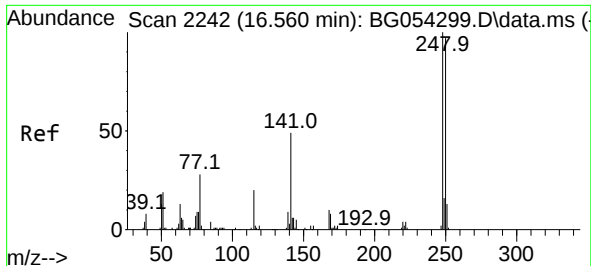
Ion Ratio Lower Upper

188 100

94 4.2 5.4 8.0#

80 4.8 6.8 10.2#

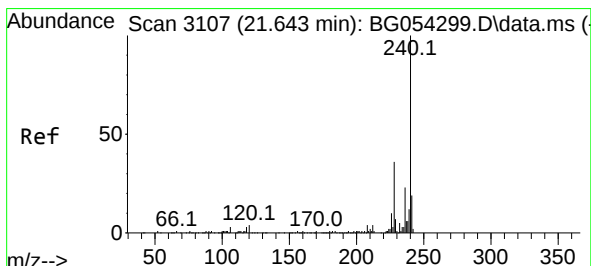
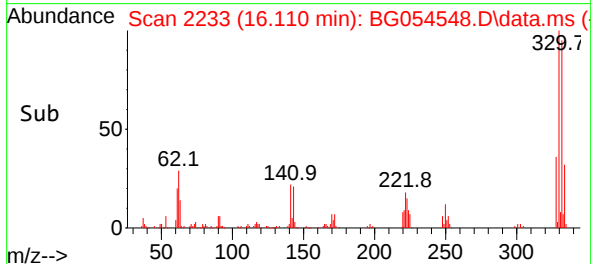
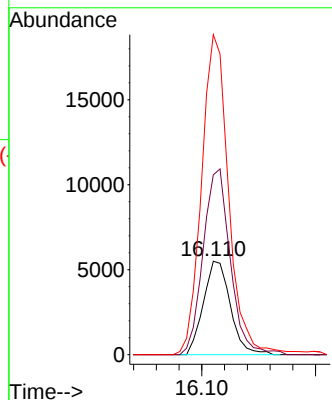
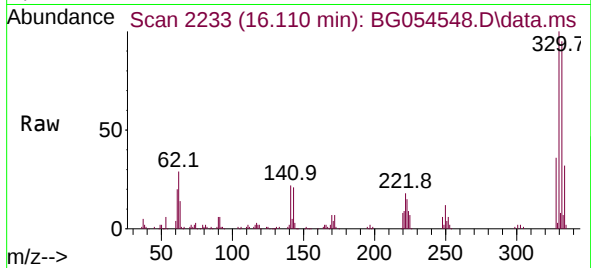




#67
4-Bromophenyl-phenylether
Concen: 4.119 ng
RT: 16.110 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

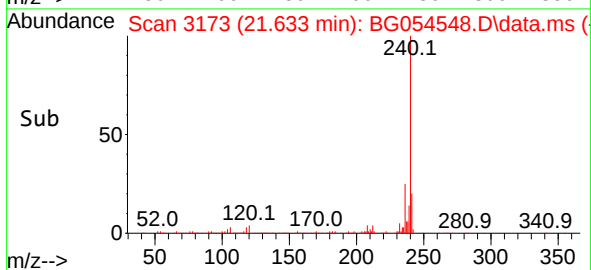
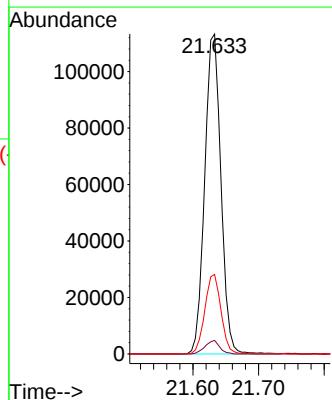
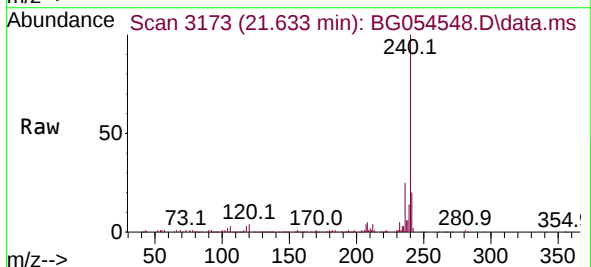
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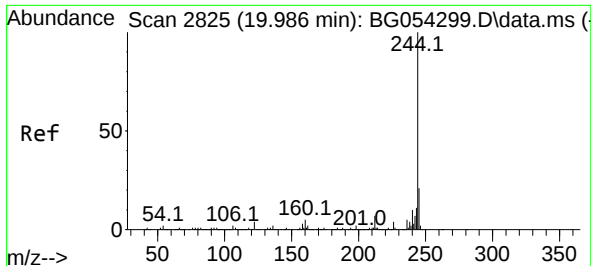
Tgt Ion:248 Resp: 9041
Ion Ratio Lower Upper
248 100
250 192.5 75.2 112.8#
141 342.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3173
Delta R.T. 0.000 min
Lab File: BG054548.D
Acq: 8 Aug 2022 11:10

Tgt Ion:240 Resp: 194928
Ion Ratio Lower Upper
240 100
120 4.3 4.6 7.0#
236 24.9 20.2 30.4

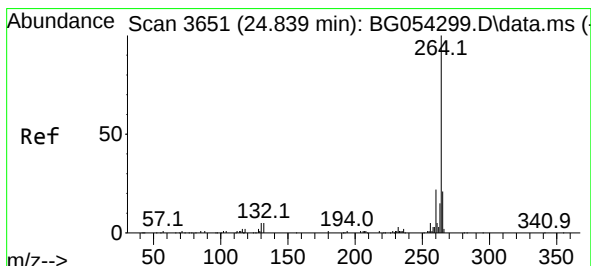
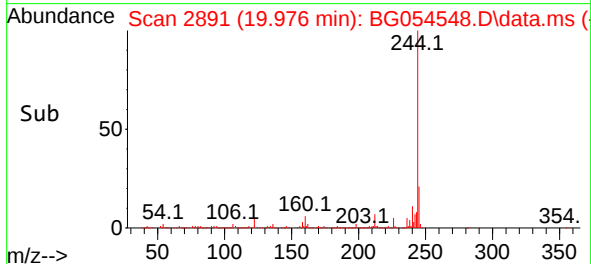
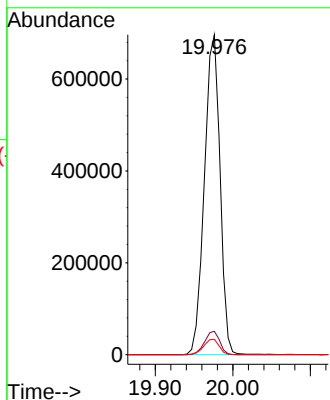
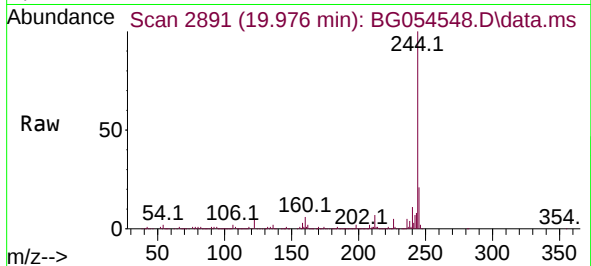




#79
 Terphenyl-d14
 Concen: 99.076 ng
 RT: 19.976 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054548.D
 Acq: 8 Aug 2022 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB146797BL

Tgt Ion:244 Resp: 973520
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.8 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.835 min Scan# 3718
 Delta R.T. 0.000 min
 Lab File: BG054548.D
 Acq: 8 Aug 2022 11:10

Tgt Ion:264 Resp: 199820
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.6 17.4 26.2

