

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054599.D
 Acq On : 11 Aug 2022 10:53
 Operator : CG/JU
 Sample : PB146851BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146851BL

Quant Time: Aug 12 06:00:11 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)

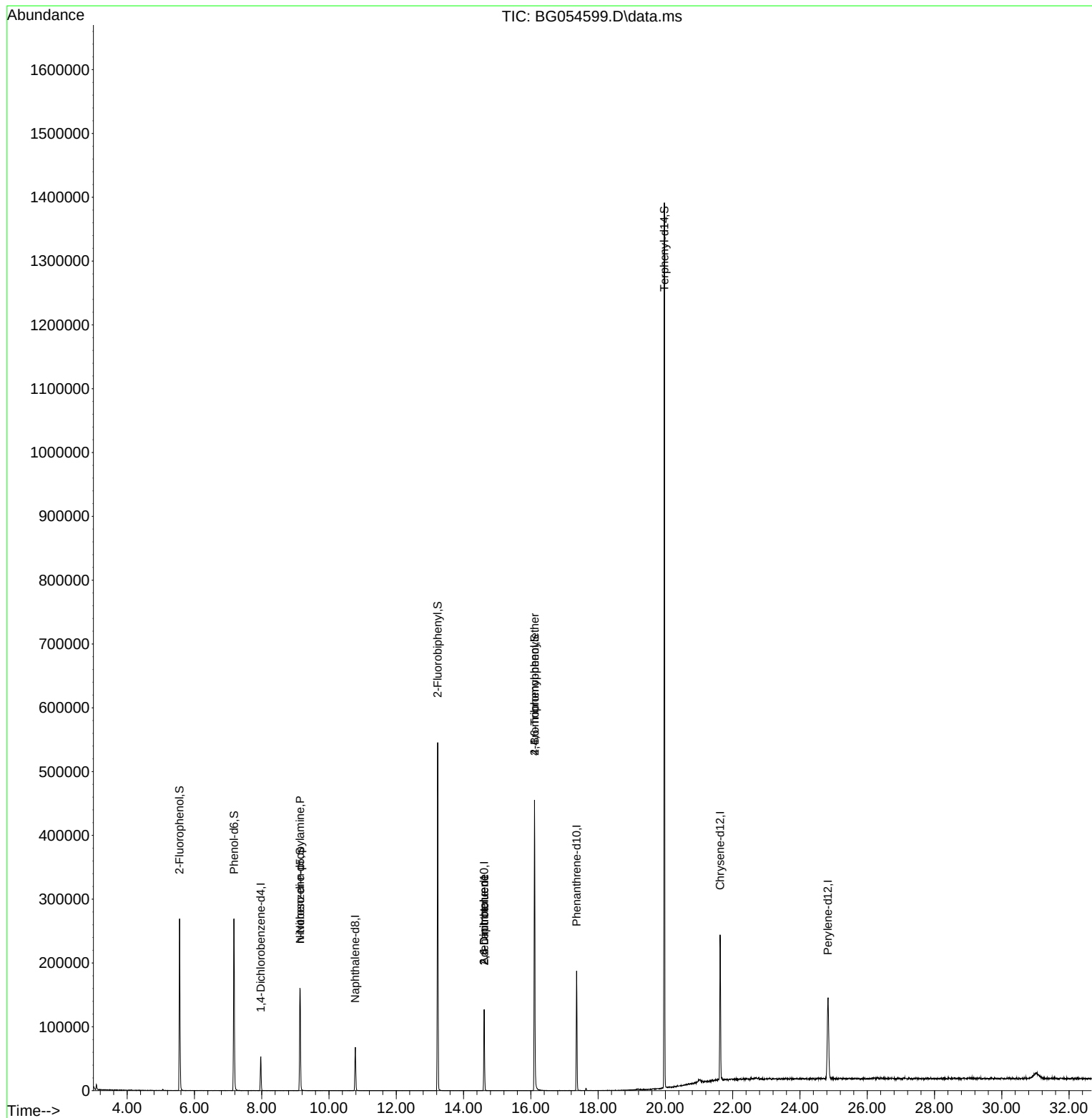
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	16967	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	63908	20.000	ng	# 0.00
39) Acenaphthene-d10	14.612	164	51284	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	139989	20.000	ng	# 0.00
76) Chrysene-d12	21.628	240	163042	20.000	ng	# 0.00
86) Perylene-d12	24.830	264	167105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.558	112	122095	150.245	ng	0.00
7) Phenol-d6	7.174	99	158238	142.106	ng	0.00
23) Nitrobenzene-d5	9.136	82	104811	89.311	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	127149	118.083	ng	0.00
45) 2-Fluorobiphenyl	13.231	172	313760	86.307	ng	0.00
79) Terphenyl-d14	19.971	244	780235	94.935	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.168	77	204	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.136	70	15127	20.343	ng	# 80
51) 2,6-Dinitrotoluene	14.612	165	6934	7.892	ng	# 16
57) 2,4-Dinitrotoluene	14.612	165	6934	5.505	ng	# 21
67) 4-Bromophenyl-phenylether	16.110	248	7815	3.975	ng	# 1

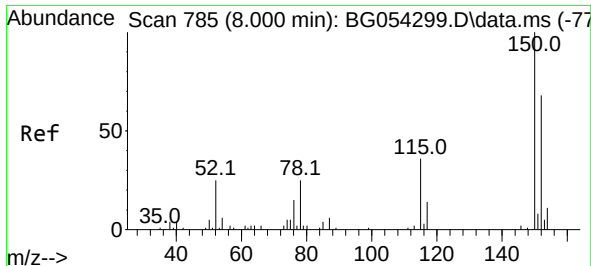
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
Data File : BG054599.D
Acq On : 11 Aug 2022 10:53
Operator : CG/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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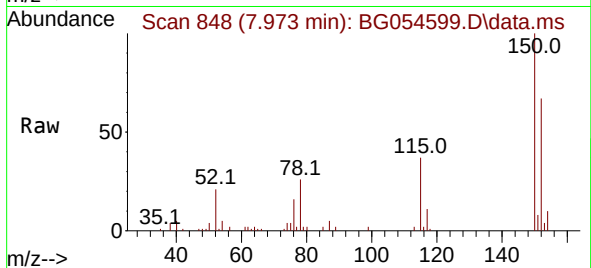
Quant Time: Aug 12 06:00:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration



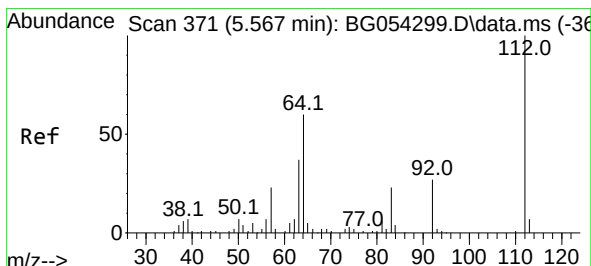
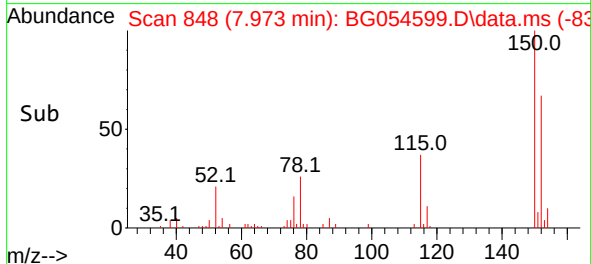
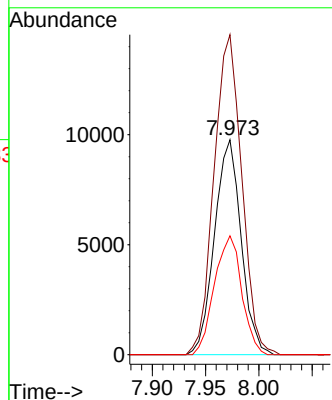


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.973 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG054599.D
Acq: 11 Aug 2022 10:53

Instrument :
BNA_G
ClientSampleId :
PB146851BL

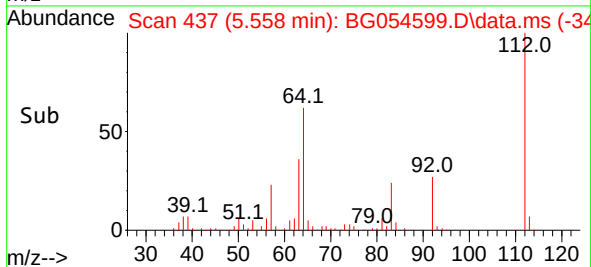
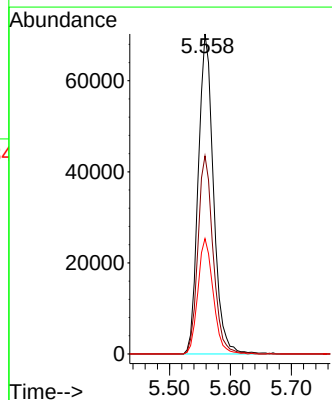
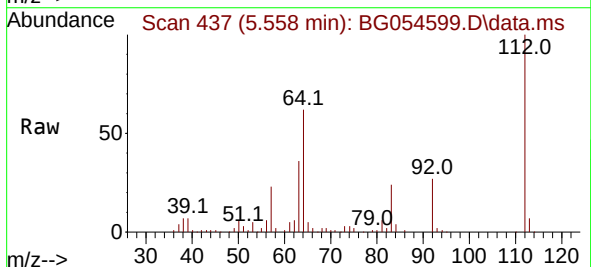


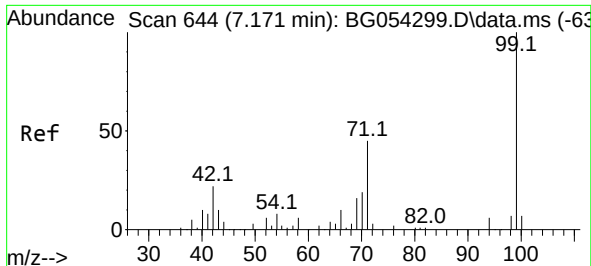
Tgt Ion:152 Resp: 16967
Ion Ratio Lower Upper
152 100
150 148.9 131.6 197.4
115 55.3 50.9 76.3



#5
2-Fluorophenol
Concen: 150.245 ng
RT: 5.558 min Scan# 437
Delta R.T. -0.005 min
Lab File: BG054599.D
Acq: 11 Aug 2022 10:53

Tgt Ion:112 Resp: 122095
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 36.0 30.4 45.6

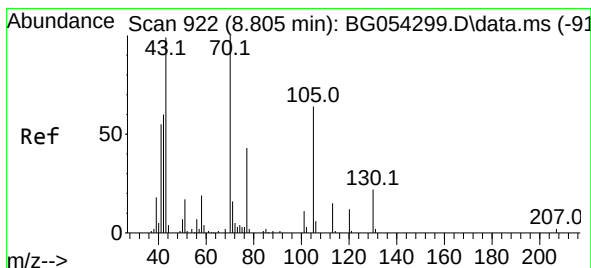
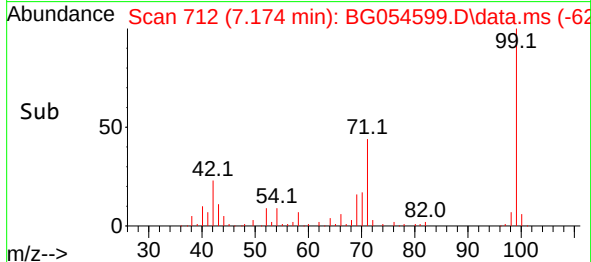
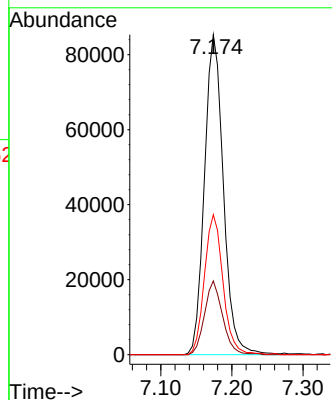
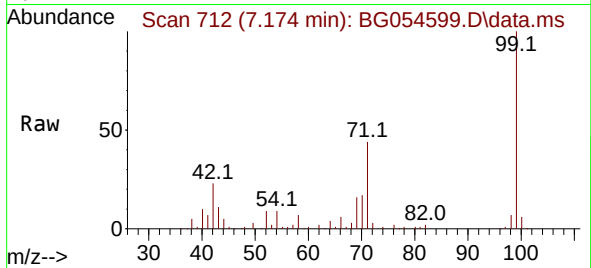




#7
Phenol-d6
Concen: 142.106 ng
RT: 7.174 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG054599.D
Acq: 11 Aug 2022 10:53

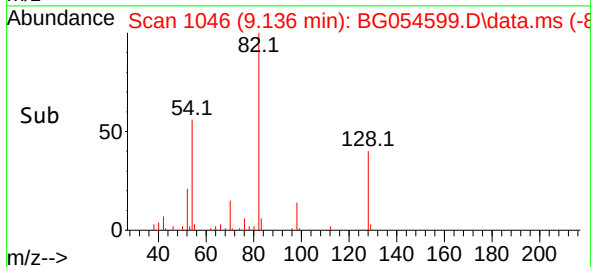
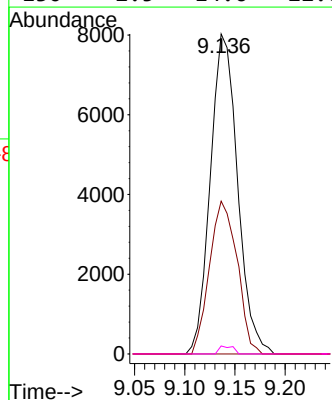
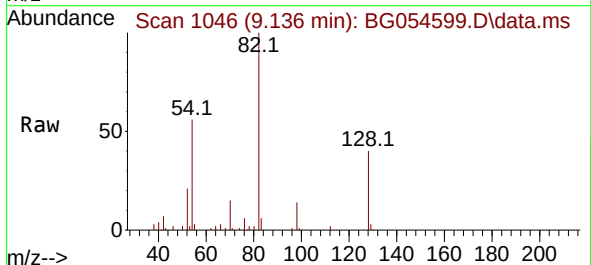
Instrument :
BNA_G
ClientSampleId :
PB146851BL

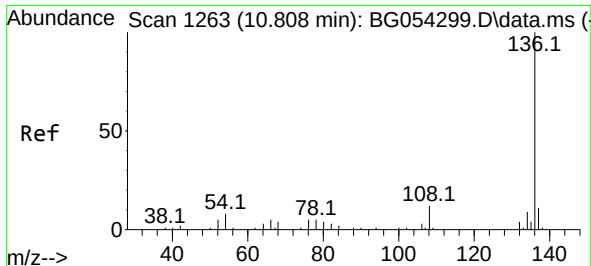
Tgt Ion: 99 Resp: 158238
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.6
71 43.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.343 ng
RT: 9.136 min Scan# 1046
Delta R.T. 0.353 min
Lab File: BG054599.D
Acq: 11 Aug 2022 10:53

Tgt Ion: 70 Resp: 15127
Ion Ratio Lower Upper
70 100
42 47.7 47.3 70.9
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#

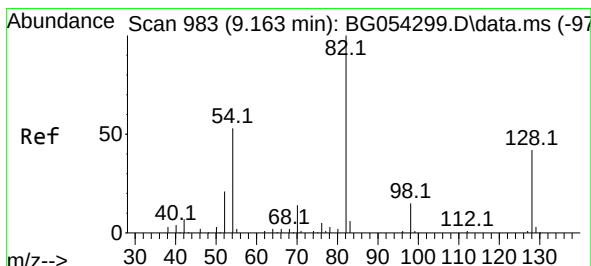
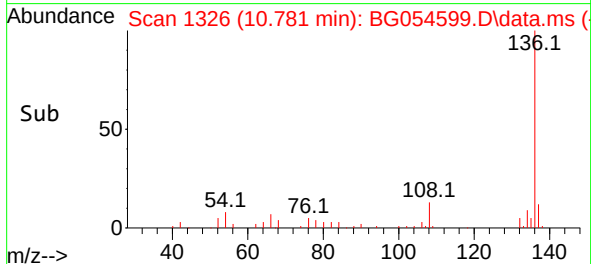
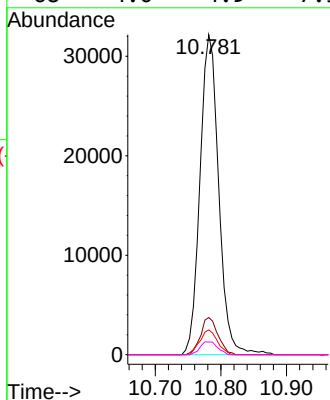
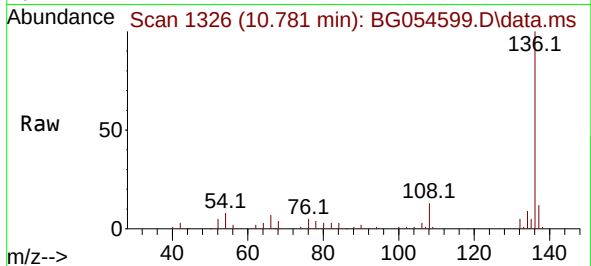




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054599.D
Acq: 11 Aug 2022 10:53

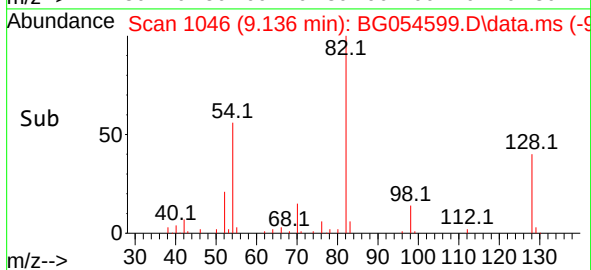
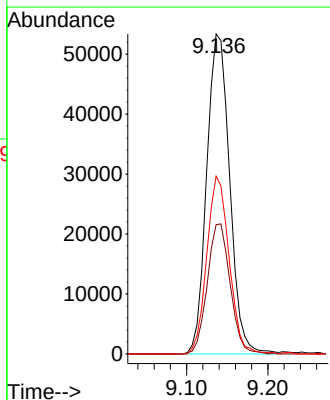
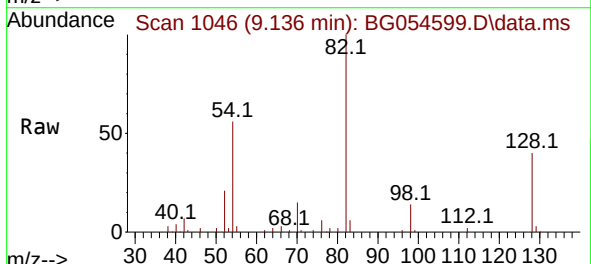
Instrument :
BNA_G
ClientSampleId :
PB146851BL

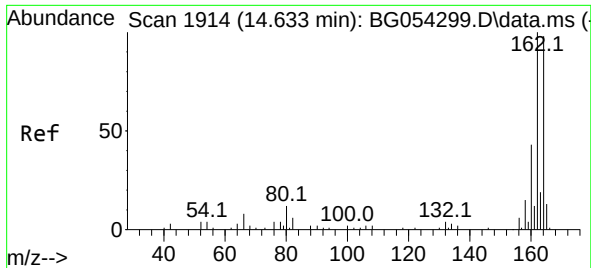
Tgt Ion:	136	Resp:	63908
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	7.8	7.4	11.2
68	4.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 89.311 ng
RT: 9.136 min Scan# 1046
Delta R.T. -0.005 min
Lab File: BG054599.D
Acq: 11 Aug 2022 10:53

Tgt Ion:	82	Resp:	104811
Ion Ratio	Lower	Upper	
82	100		
128	40.4	27.9	41.9
54	55.6	41.2	61.8

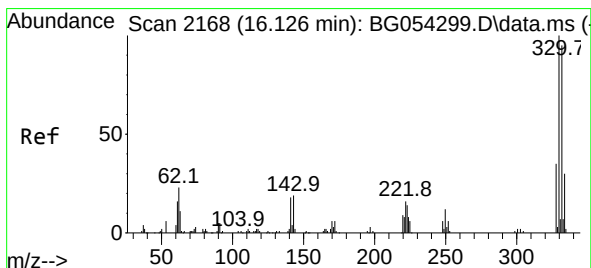
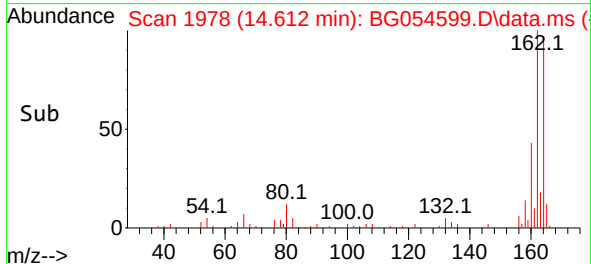
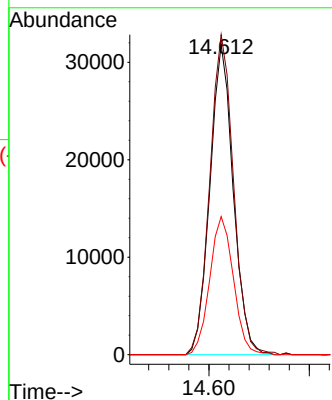
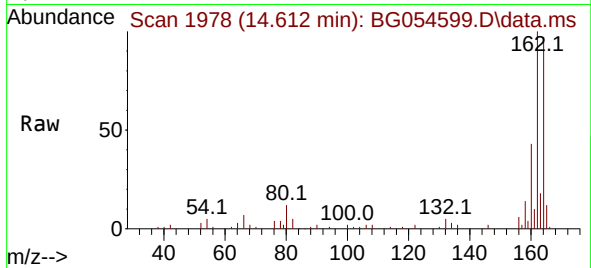




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.612 min Scan# 1914
 Delta R.T. -0.005 min
 Lab File: BG054599.D
 Acq: 11 Aug 2022 10:53

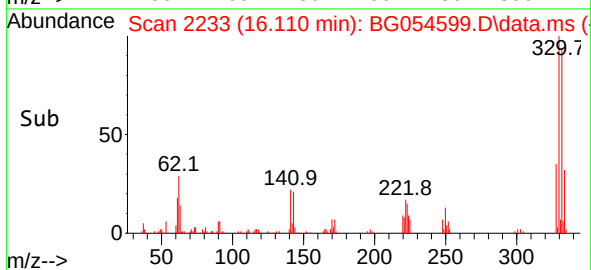
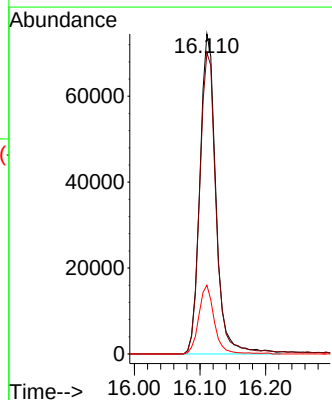
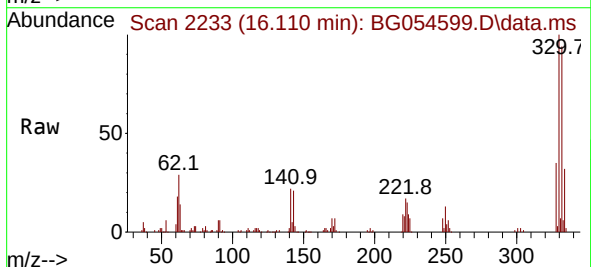
Instrument :
 BNA_G
 ClientSampleId :
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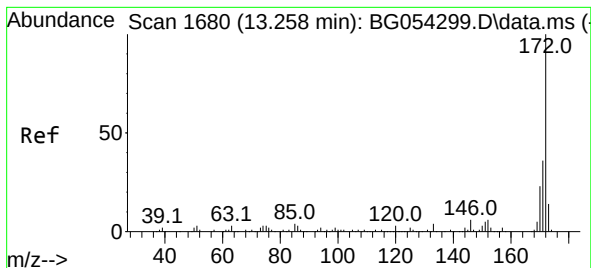
Tgt Ion:164 Resp: 51284
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.3 123.5
 160 44.5 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 118.083 ng
 RT: 16.110 min Scan# 2233
 Delta R.T. -0.005 min
 Lab File: BG054599.D
 Acq: 11 Aug 2022 10:53

Tgt Ion:330 Resp: 127149
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 20.7 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 86.307 ng

RT: 13.231 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054599.D

Acq: 11 Aug 2022 10:53

Instrument :

BNA_G

ClientSampleId :

PB146851BL

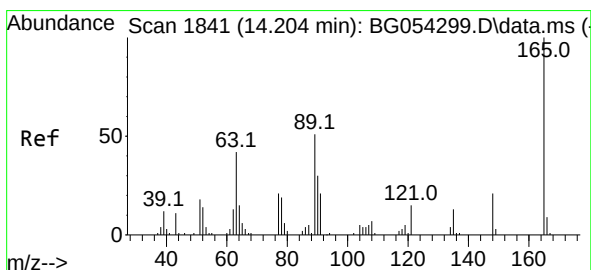
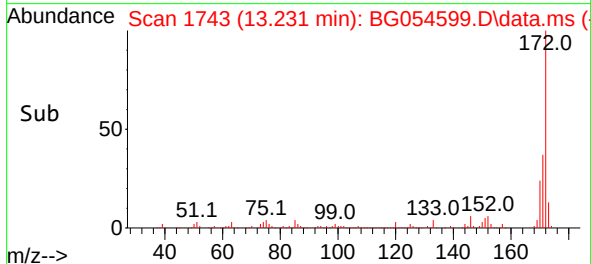
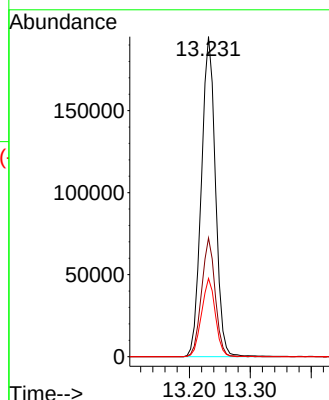
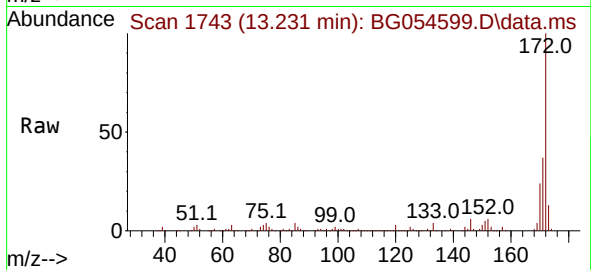
Tgt Ion:172 Resp: 313760

Ion Ratio Lower Upper

172 100

171 37.1 28.5 42.7

170 24.5 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 7.892 ng

RT: 14.612 min Scan# 1978

Delta R.T. 0.418 min

Lab File: BG054599.D

Acq: 11 Aug 2022 10:53

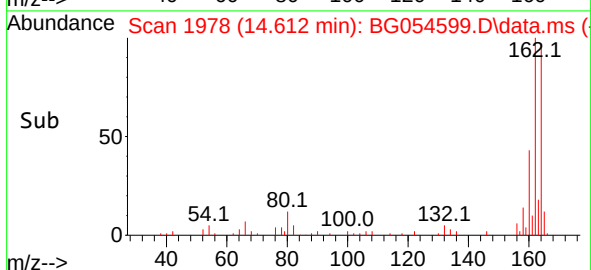
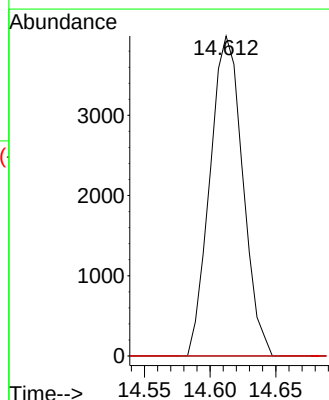
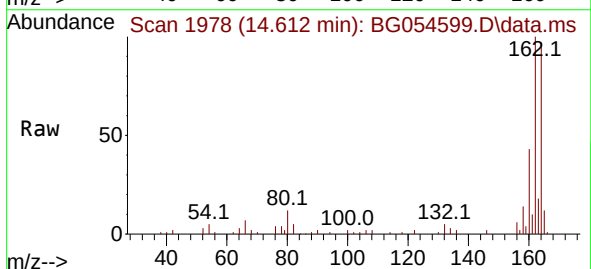
Tgt Ion:165 Resp: 6934

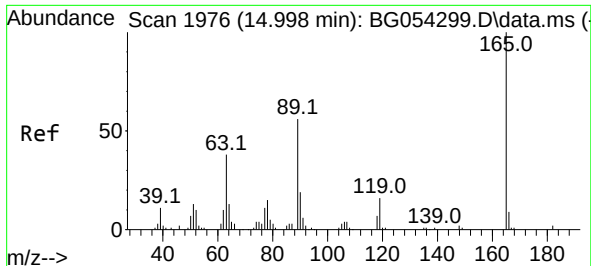
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.505 ng

RT: 14.612 min Scan# 14

Delta R.T. -0.381 min

Lab File: BG054599.D

Acq: 11 Aug 2022 10:53

Instrument :

BNA_G

ClientSampleId :

PB146851BL

Tgt Ion:165 Resp: 6934

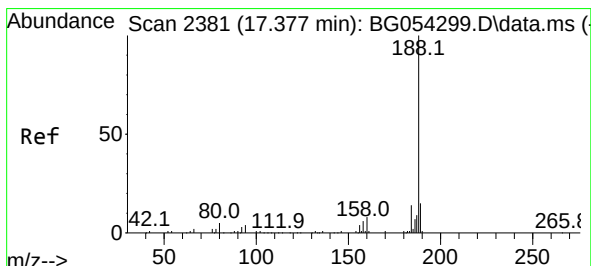
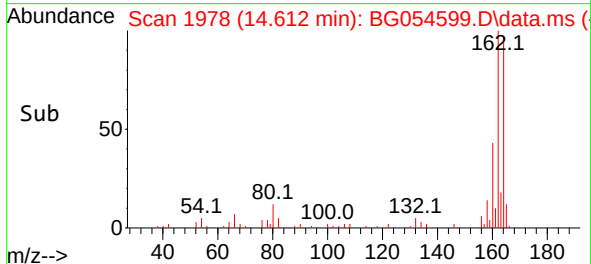
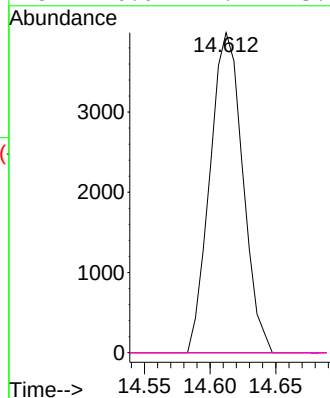
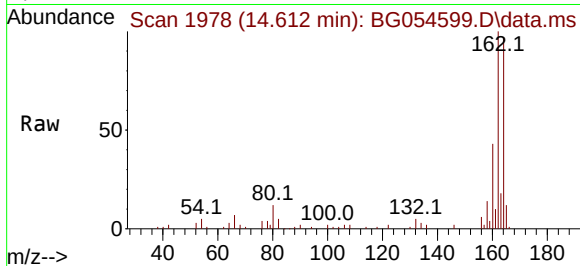
Ion Ratio Lower Upper

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. 0.001 min

Lab File: BG054599.D

Acq: 11 Aug 2022 10:53

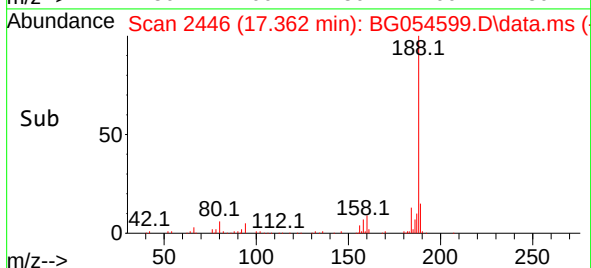
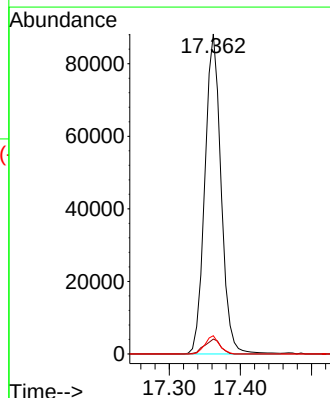
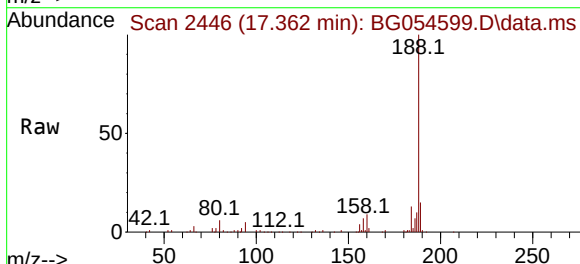
Tgt Ion:188 Resp: 139989

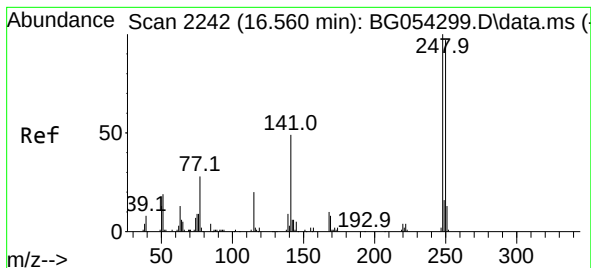
Ion Ratio Lower Upper

188 100

94 4.7 5.4 8.0#

80 5.7 6.8 10.2#

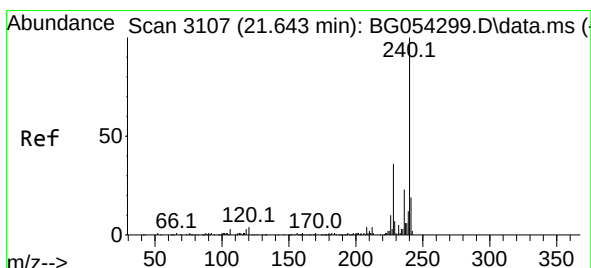
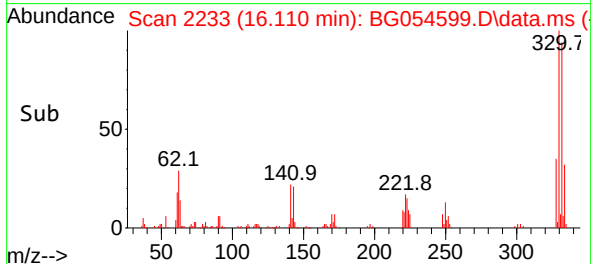
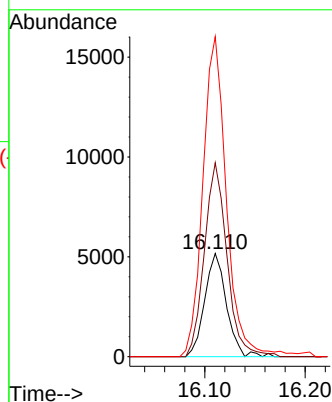
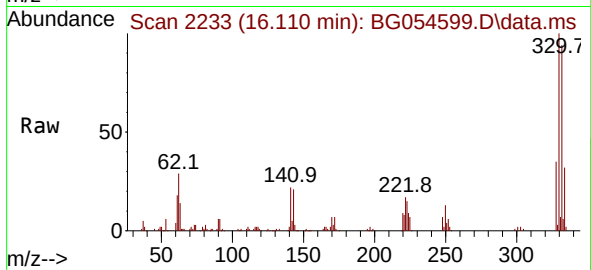




#67
4-Bromophenyl-phenylether
Concen: 3.975 ng
RT: 16.110 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG054599.D
Acq: 11 Aug 2022 10:53

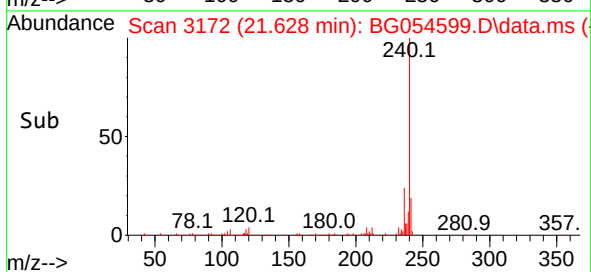
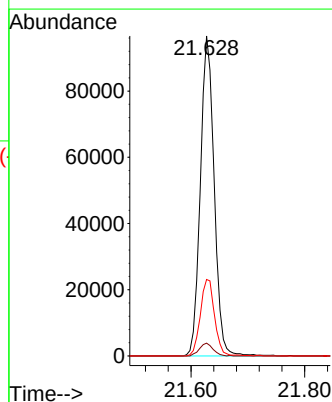
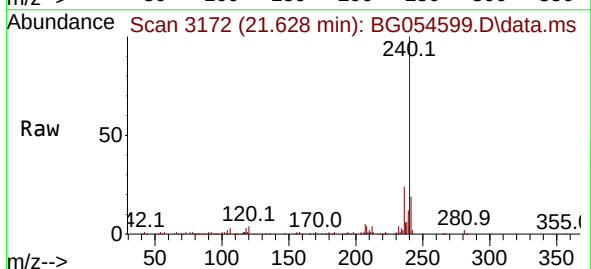
Instrument :
BNA_G
ClientSampleId :
PB146851BL

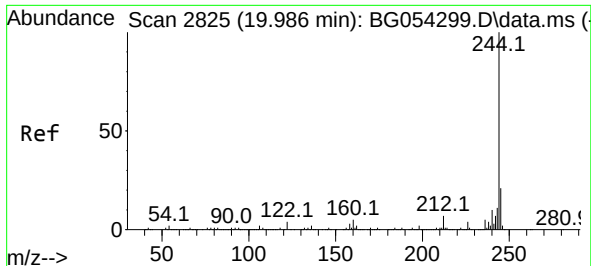
Tgt Ion:248 Resp: 7815
Ion Ratio Lower Upper
248 100
250 238.8 75.2 112.8#
141 310.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG054599.D
Acq: 11 Aug 2022 10:53

Tgt Ion:240 Resp: 163042
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 23.9 20.2 30.4

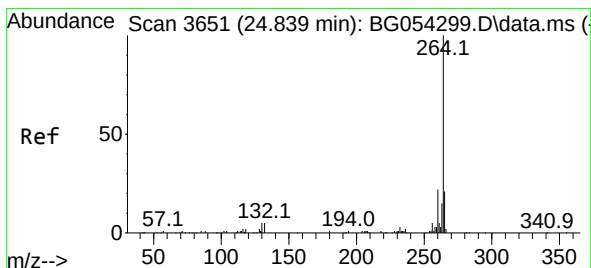
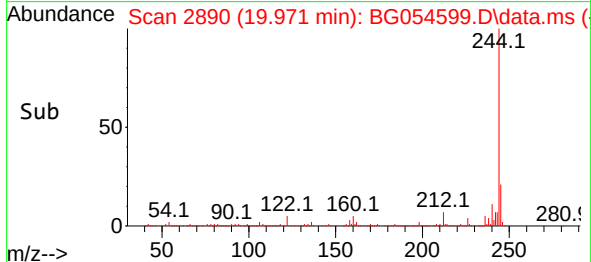
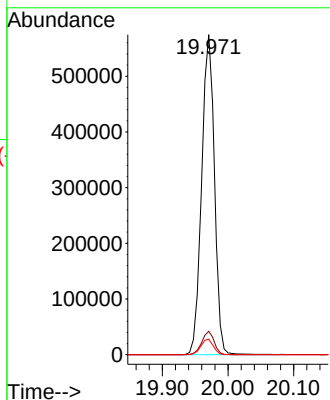
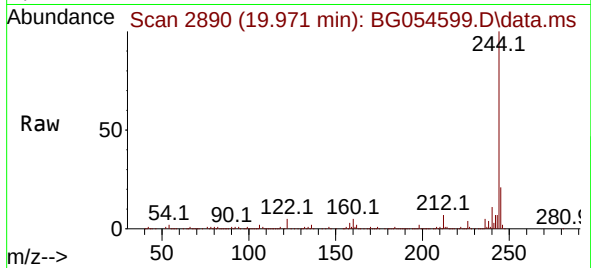




#79
 Terphenyl-d14
 Concen: 94.935 ng
 RT: 19.971 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054599.D
 Acq: 11 Aug 2022 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB146851BL

Tgt Ion:244 Resp: 780235
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.830 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG054599.D
 Acq: 11 Aug 2022 10:53

Tgt Ion:264 Resp: 167105
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 21.8 17.4 26.2

