

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054522.D
 Acq On : 4 Aug 2022 17:00
 Operator : CG/JU
 Sample : N4035-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11944

Quant Time: Aug 04 17:33:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

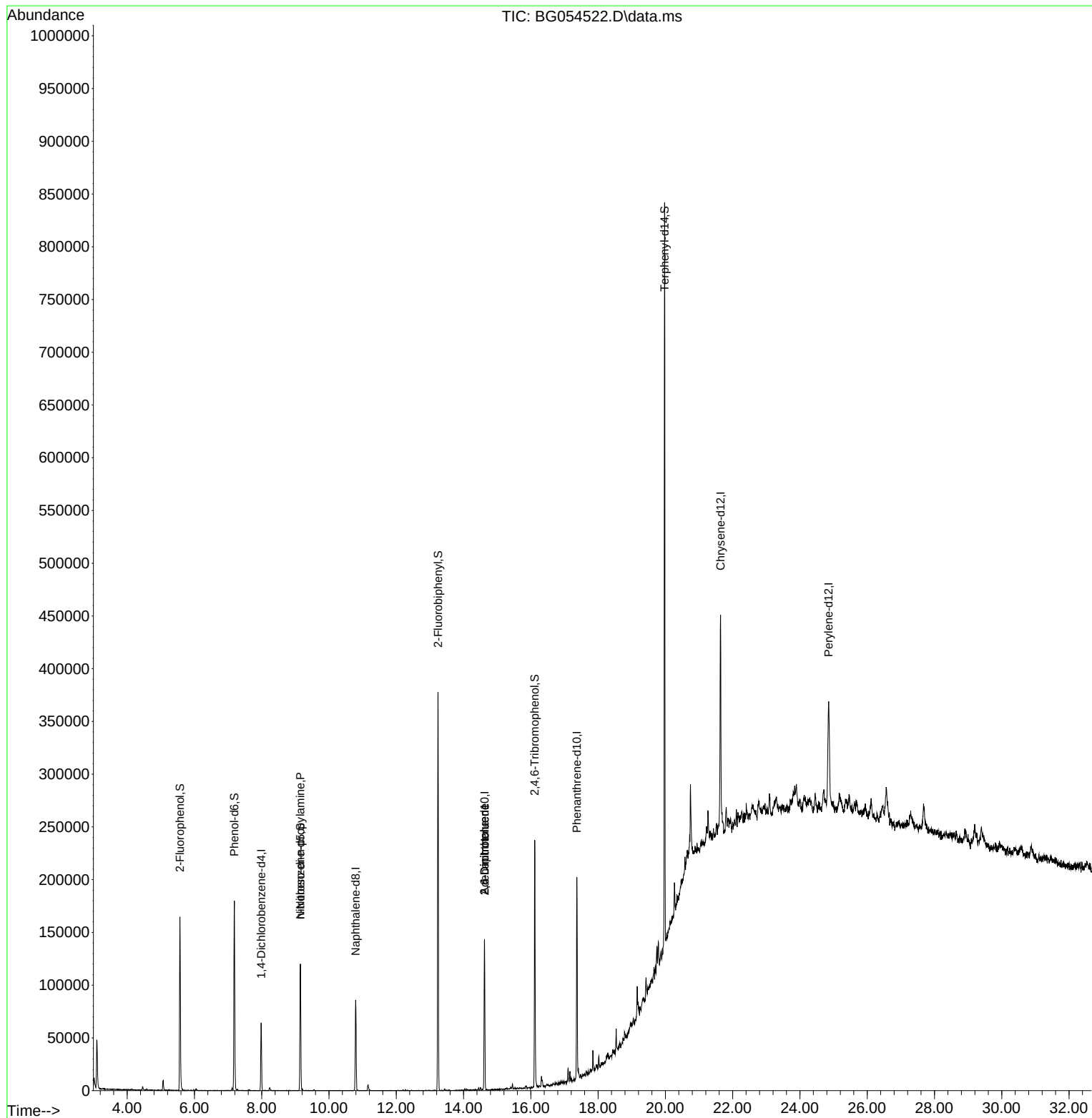
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	20520	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	78683	20.000	ng	# 0.00
39) Acenaphthene-d10	14.624	164	56975	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	131303	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	145301	20.000	ng	# 0.00
86) Perylene-d12	24.853	264	138810	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	77689	79.048	ng	0.00
7) Phenol-d6	7.186	99	106761	79.276	ng	0.01
23) Nitrobenzene-d5	9.148	82	74153	51.322	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	63314	52.926	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	224768	55.652	ng	0.00
79) Terphenyl-d14	19.977	244	397731	54.302	ng	0.00
Target Compounds						
9) Benzaldehyde	7.121	77	776	Below Cal	Qvalue	
19) n-Nitroso-di-n-propyla...	9.148	70	10745	11.948 ng	#	73
51) 2,6-Dinitrotoluene	14.624	165	8002	8.198 ng	#	16
57) 2,4-Dinitrotoluene	14.624	165	8002	5.718 ng	#	21

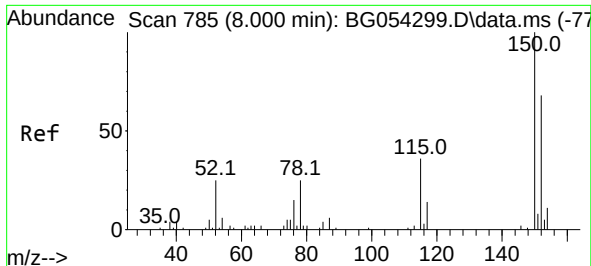
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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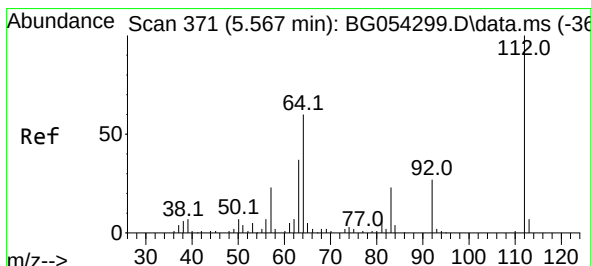
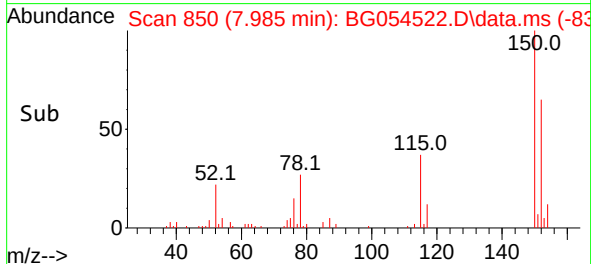
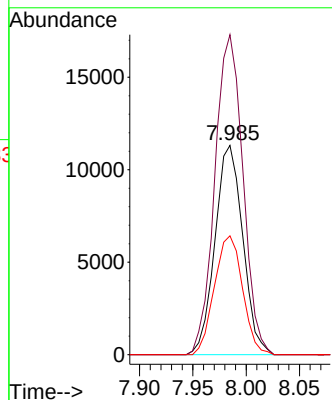
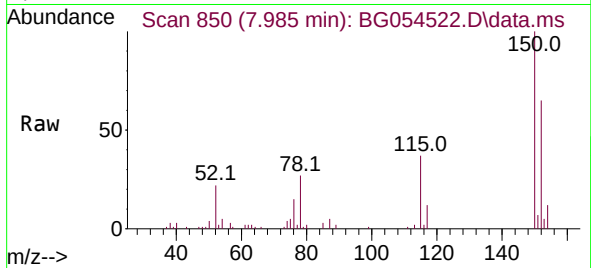




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.985 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG054522.D
 Acq: 4 Aug 2022 17:00

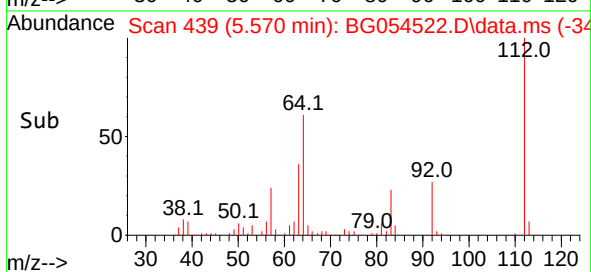
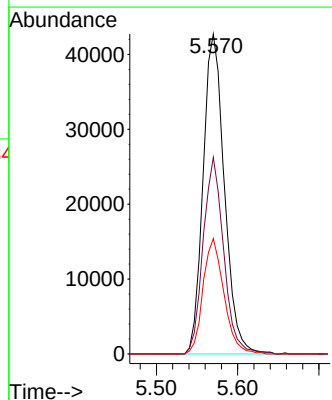
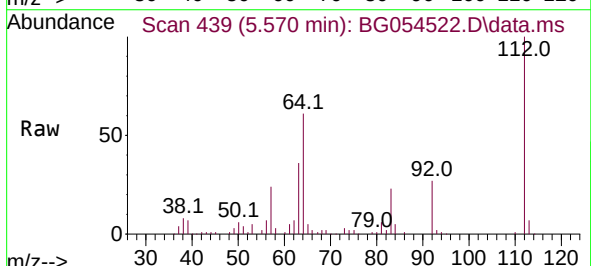
Instrument :
 BNA_G
 ClientSampleId :
 72-11944

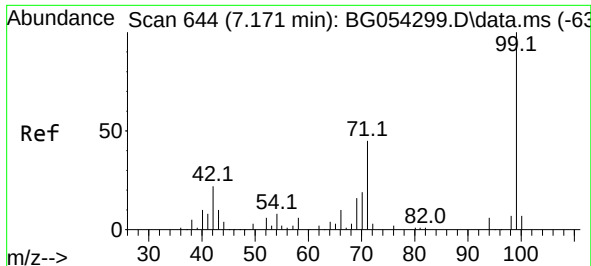
Tgt Ion:152 Resp: 20520
 Ion Ratio Lower Upper
 152 100
 150 152.9 131.6 197.4
 115 56.8 50.9 76.3



#5
 2-Fluorophenol
 Concen: 79.048 ng
 RT: 5.570 min Scan# 439
 Delta R.T. 0.008 min
 Lab File: BG054522.D
 Acq: 4 Aug 2022 17:00

Tgt Ion:112 Resp: 77689
 Ion Ratio Lower Upper
 112 100
 64 61.5 55.1 82.7
 63 36.1 30.4 45.6

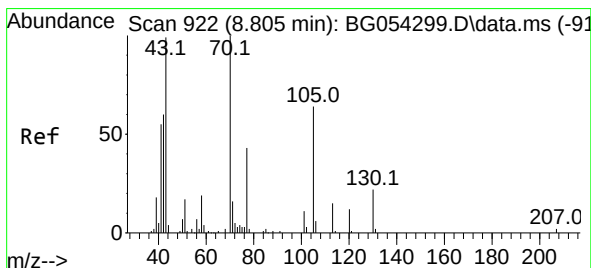
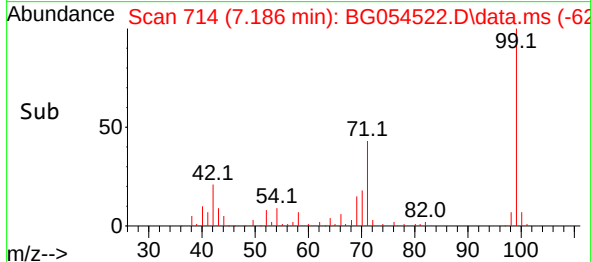
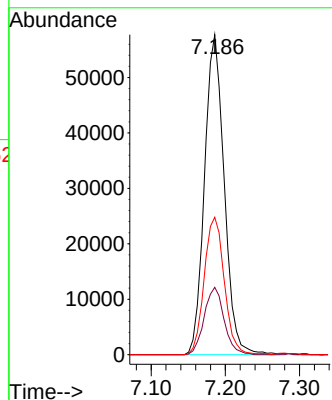
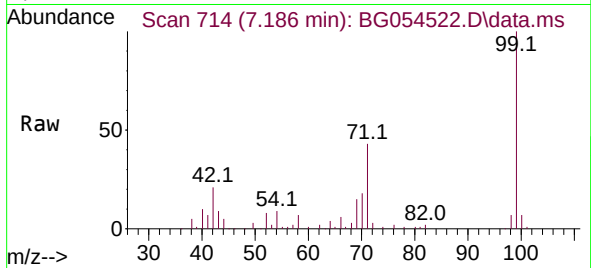




#7
Phenol-d6
Concen: 79.276 ng
RT: 7.186 min Scan# 71
Delta R.T. 0.014 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

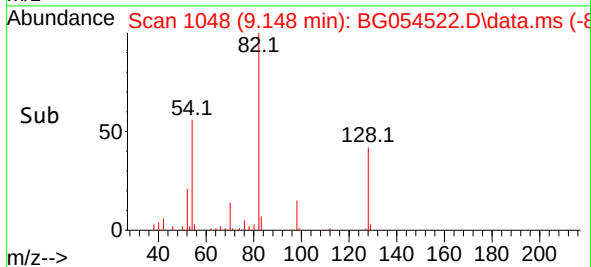
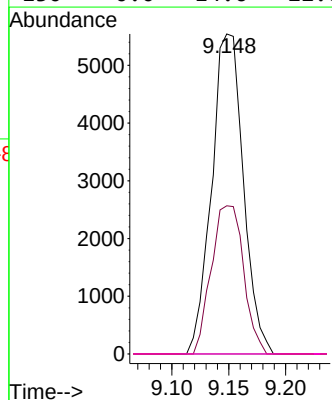
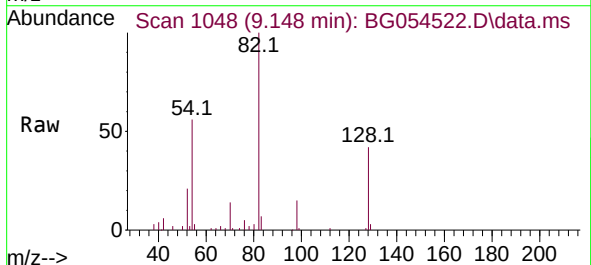
Instrument :
BNA_G
ClientSampleId :
72-11944

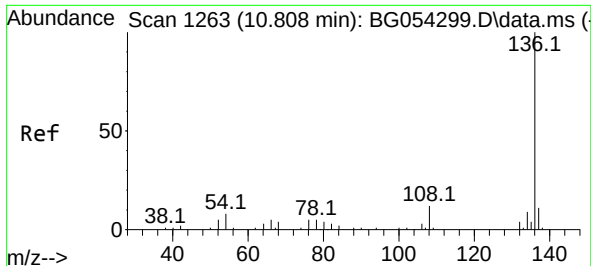
Tgt Ion: 99 Resp: 106761
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 43.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.948 ng
RT: 9.148 min Scan# 1048
Delta R.T. 0.355 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

Tgt Ion: 70 Resp: 10745
Ion Ratio Lower Upper
70 100
42 46.3 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

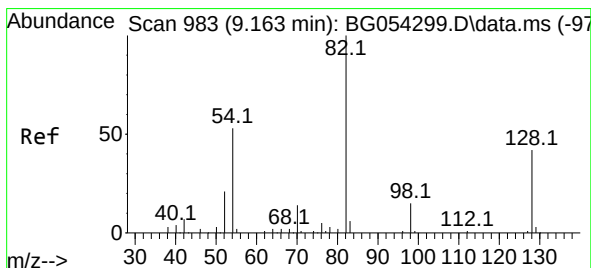
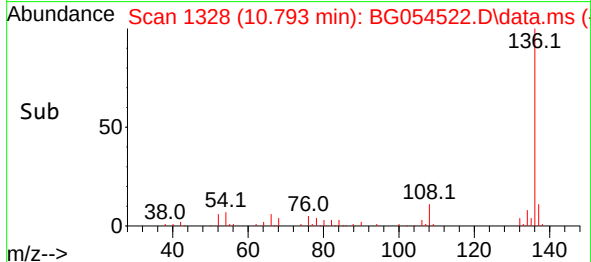
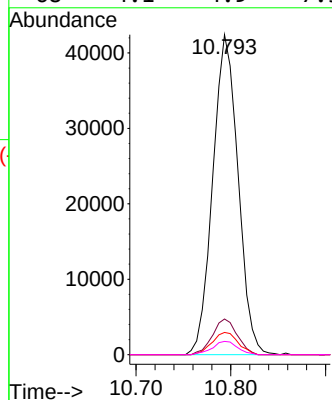
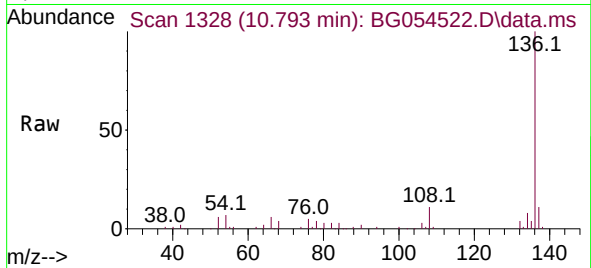




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

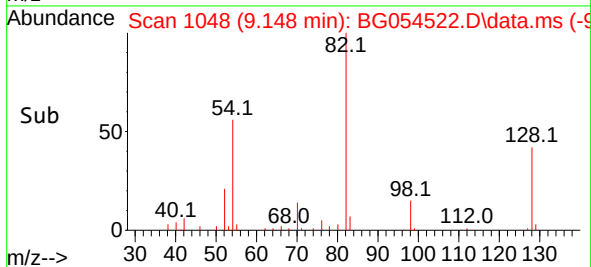
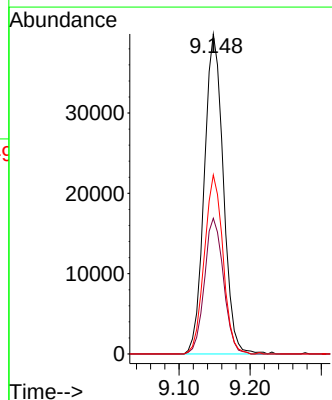
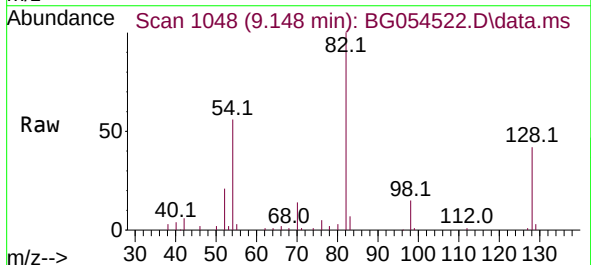
Instrument :
BNA_G
ClientSampleId :
72-11944

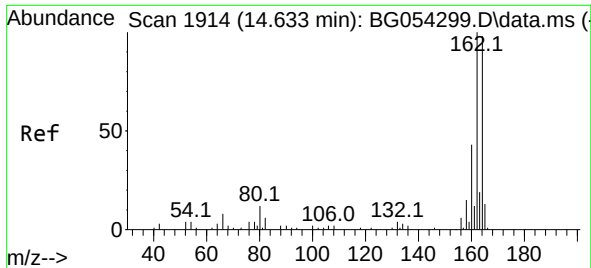
Tgt Ion:	136	Resp:	78683
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	7.0	7.4	11.2#
68	4.1	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 51.322 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

Tgt Ion:	82	Resp:	74153
Ion Ratio	Lower	Upper	
82	100		
128	42.4	27.9	41.9#
54	55.9	41.2	61.8

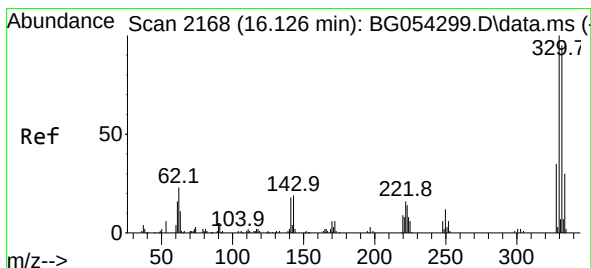
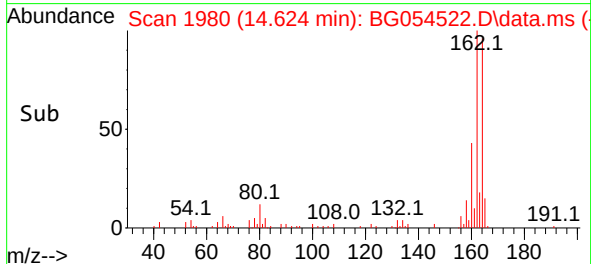
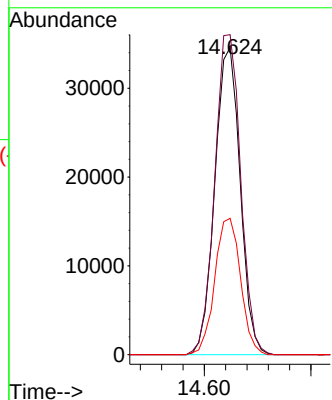
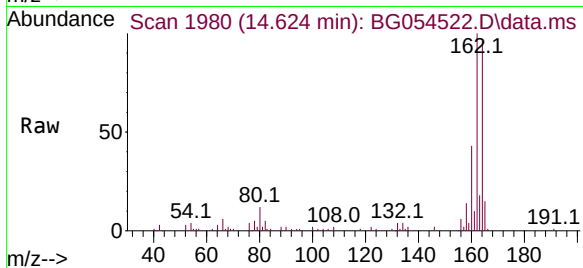




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

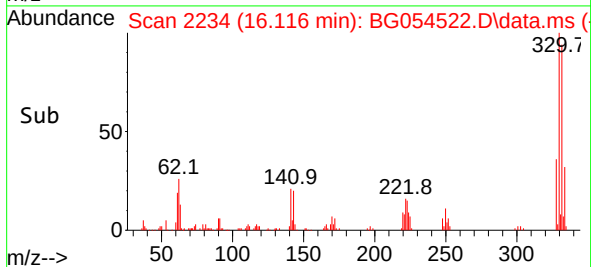
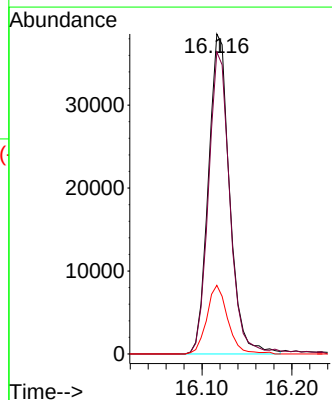
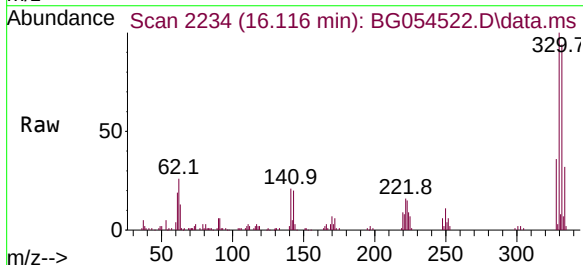
Instrument :
BNA_G
ClientSampleId :
72-11944

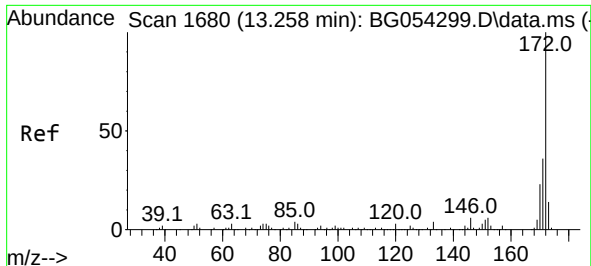
Tgt Ion:164 Resp: 56975
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 44.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 52.926 ng
RT: 16.116 min Scan# 2234
Delta R.T. 0.002 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

Tgt Ion:330 Resp: 63314
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 21.2 27.1 40.7#

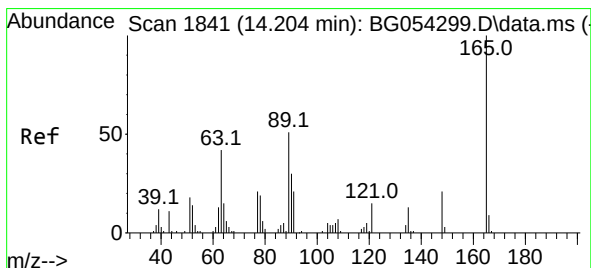
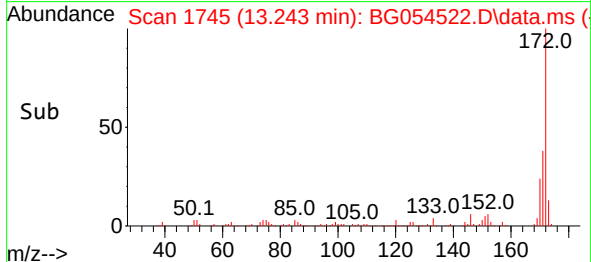
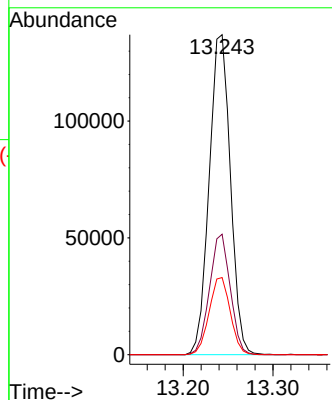
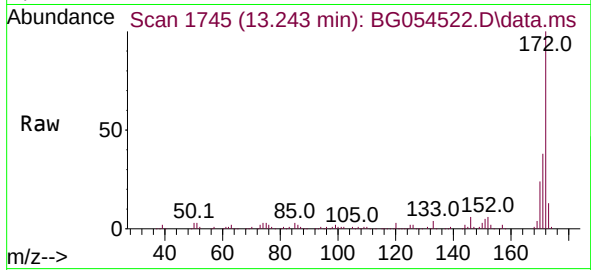




#45
2-Fluorobiphenyl
Concen: 55.652 ng
RT: 13.243 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

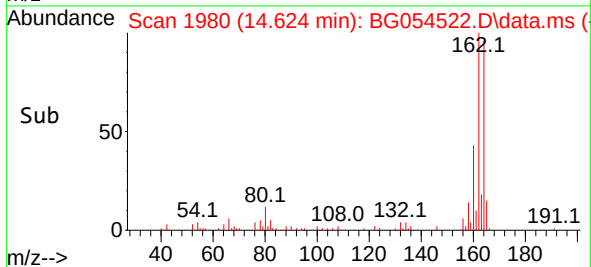
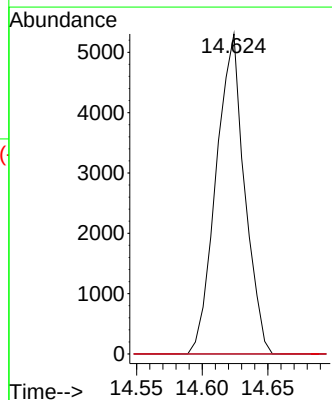
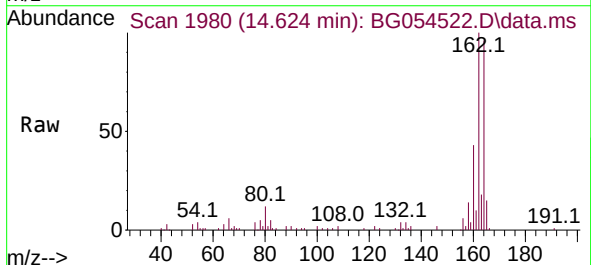
Instrument :
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ClientSampleId :
72-11944

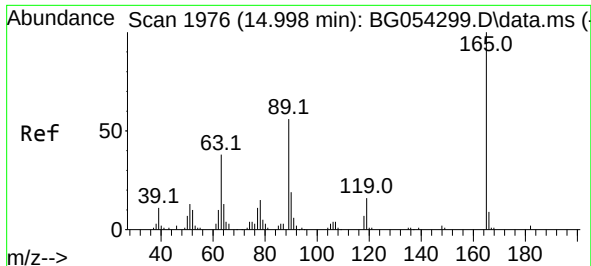
Tgt Ion:172 Resp: 224768
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 24.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.198 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.425 min
Lab File: BG054522.D
Acq: 4 Aug 2022 17:00

Tgt Ion:165 Resp: 8002
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: 5.718 ng

RT: 14.624 min Scan# 14

Delta R.T. -0.368 min

Lab File: BG054522.D

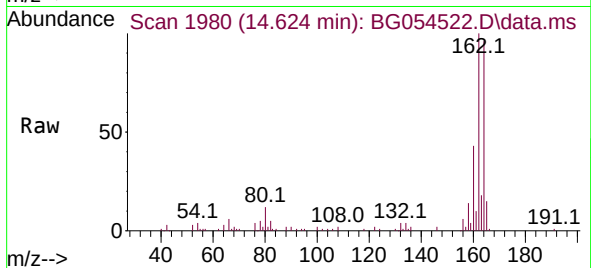
Acq: 4 Aug 2022 17:00

Instrument :

BNA_G

ClientSampleId :

72-11944



Tgt Ion:165 Resp: 8002

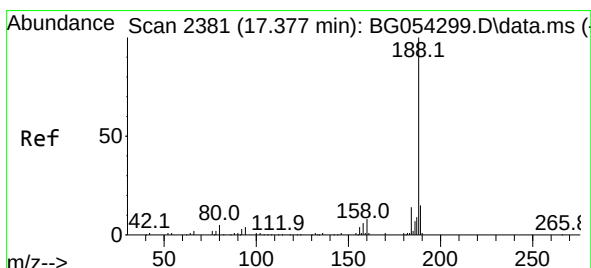
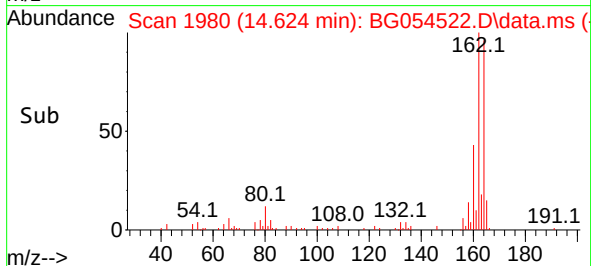
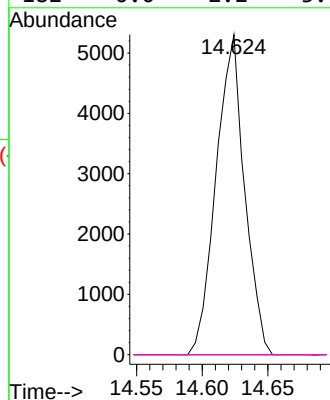
Ion Ratio Lower Upper

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: 17.368 min Scan# 2447

Delta R.T. -0.004 min

Lab File: BG054522.D

Acq: 4 Aug 2022 17:00

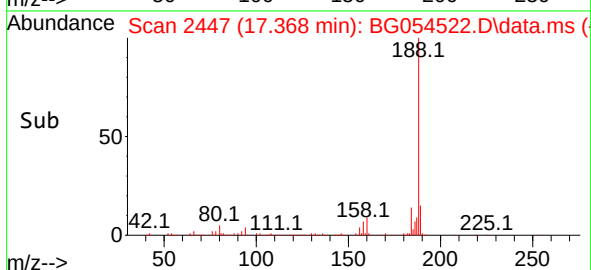
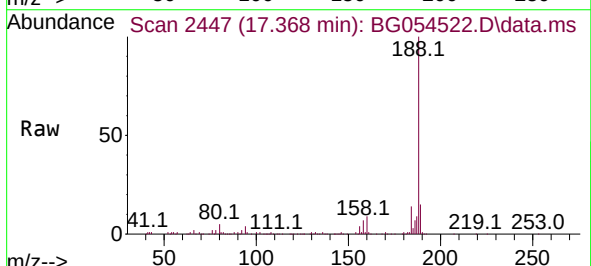
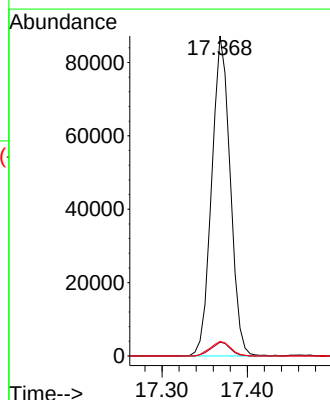
Tgt Ion:188 Resp: 131303

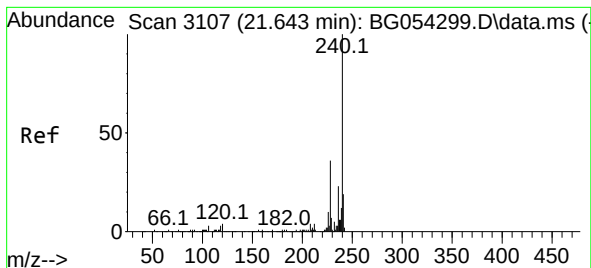
Ion Ratio Lower Upper

188 100

94 4.3 5.4 8.0#

80 4.6 6.8 10.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 3107

Delta R.T. 0.002 min

Lab File: BG054522.D

Acq: 4 Aug 2022 17:00

Instrument :

BNA_G

ClientSampleId :

72-11944

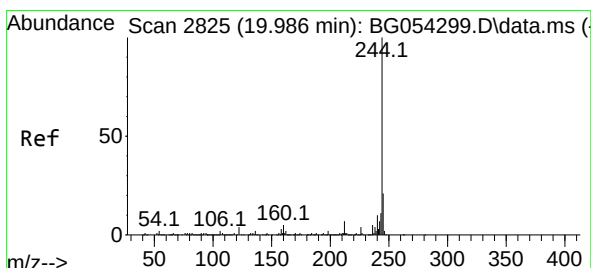
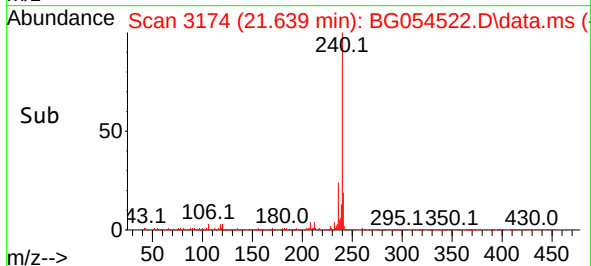
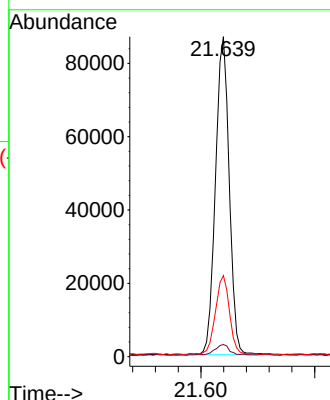
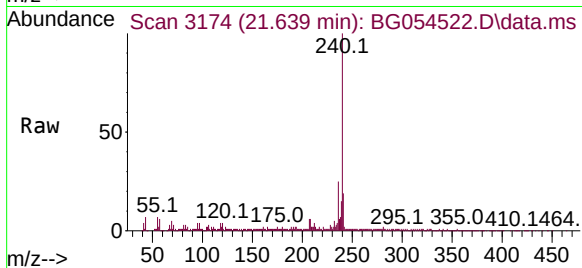
Tgt Ion:240 Resp: 145301

Ion Ratio Lower Upper

240 100

120 3.8 4.6 7.0#

236 25.4 20.2 30.4



#79

Terphenyl-d14

Concen: 54.302 ng

RT: 19.977 min Scan# 2891

Delta R.T. -0.004 min

Lab File: BG054522.D

Acq: 4 Aug 2022 17:00

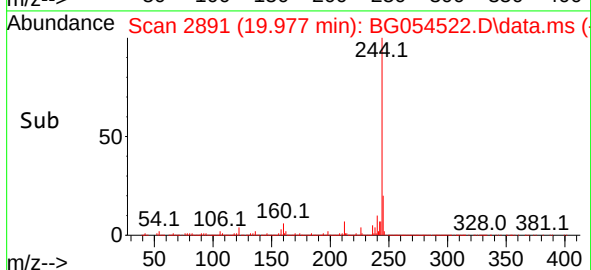
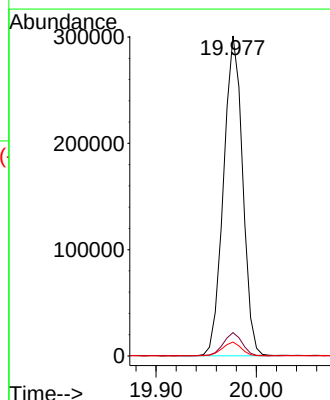
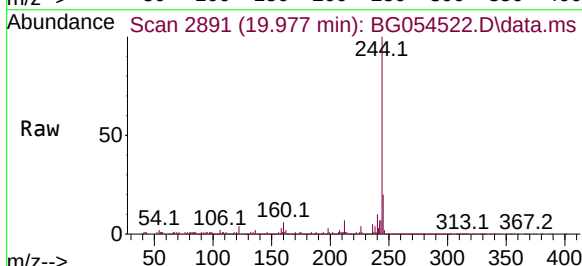
Tgt Ion:244 Resp: 397731

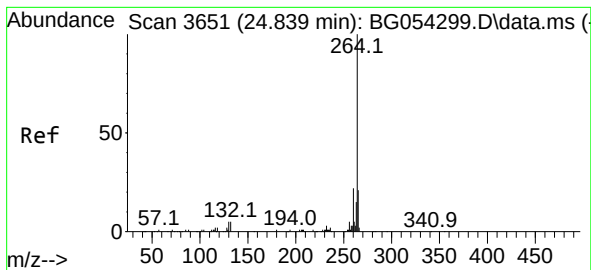
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 4.3 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.853 min Scan# 31

Delta R.T. 0.020 min

Lab File: BG054522.D

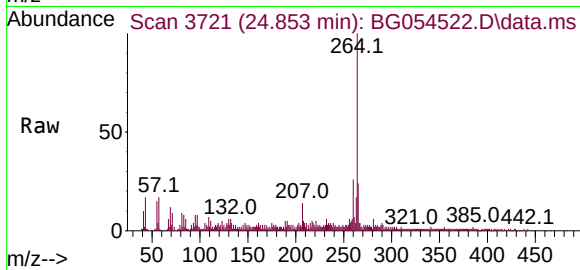
Acq: 4 Aug 2022 17:00

Instrument :

BNA_G

ClientSampleId :

72-11944



Tgt Ion:264 Resp: 138810

Ion Ratio Lower Upper

264 100

260 26.4 19.0 28.6

265 24.0 17.4 26.2

