

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054531.D
 Acq On : 5 Aug 2022 11:50
 Operator : CG/JU
 Sample : PB146695BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146695BL

Quant Time: Aug 06 05:39:14 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)

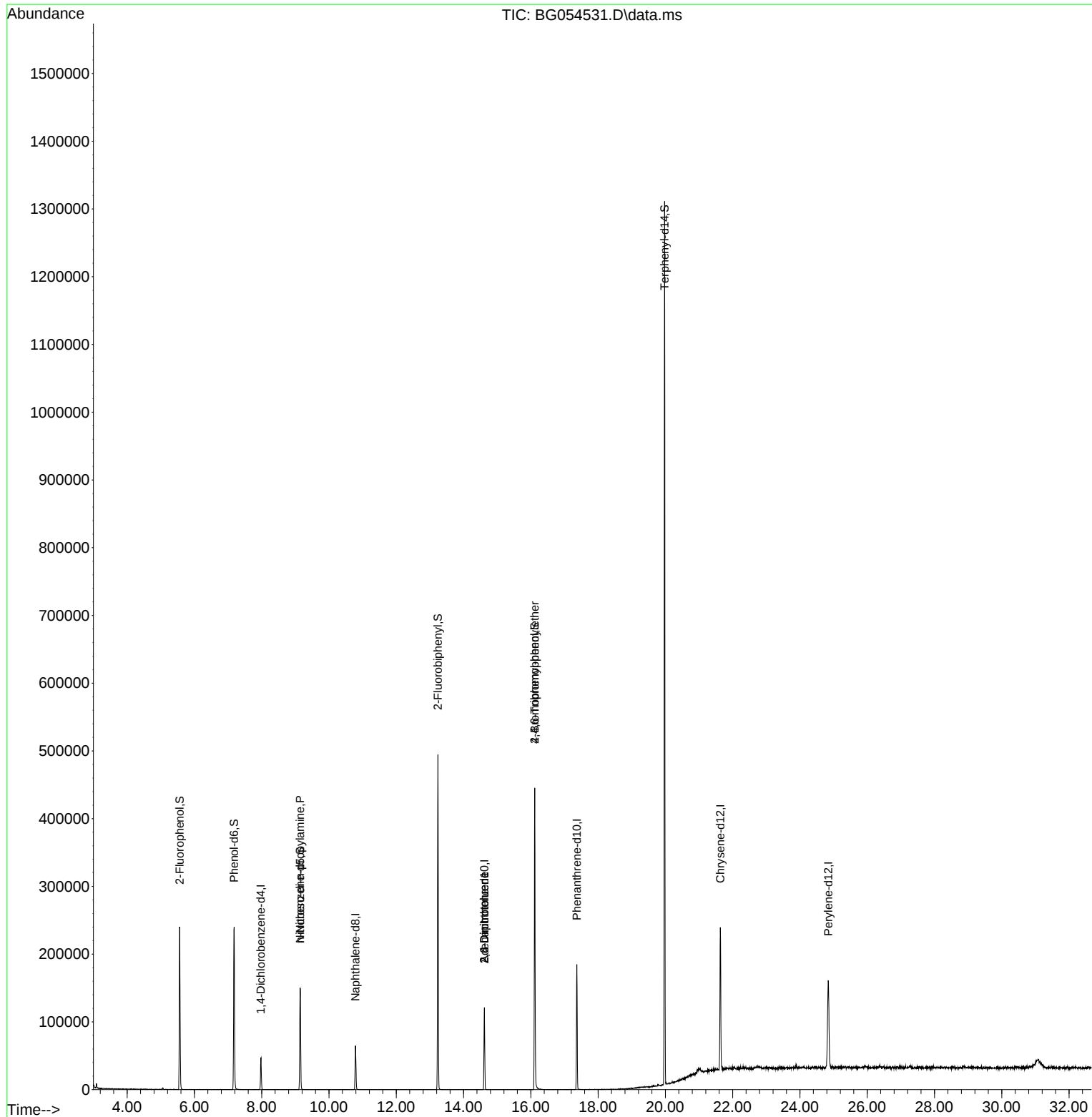
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	15486	20.000	ng	#-0.02
21) Naphthalene-d8	10.787	136	59856	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	47334	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	132819	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	151505	20.000	ng	# 0.00
86) Perylene-d12	24.841	264	157802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	110413	148.863	ng	0.00
7) Phenol-d6	7.180	99	144649	142.326	ng	0.00
23) Nitrobenzene-d5	9.142	82	95023	86.452	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	121501	122.254	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	288070	85.853	ng	0.00
79) Terphenyl-d14	19.976	244	720515	94.344	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.174	77	181	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.142	70	13498	19.889	ng	# 77
51) 2,6-Dinitrotoluene	14.618	165	6671	8.226	ng	# 16
57) 2,4-Dinitrotoluene	14.618	165	6671	5.738	ng	# 21
67) 4-Bromophenyl-phenylether	16.116	248	6984	3.744	ng	# 1

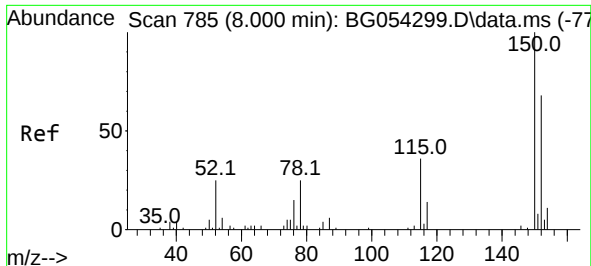
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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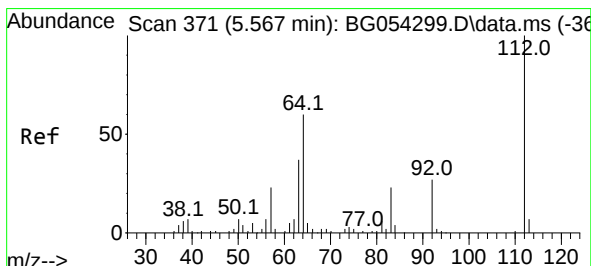
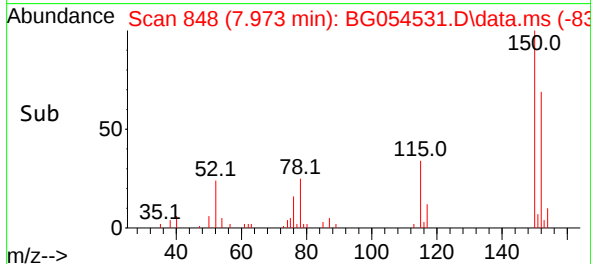
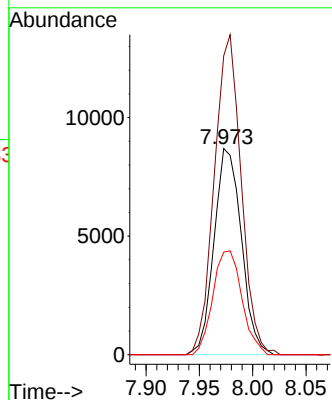
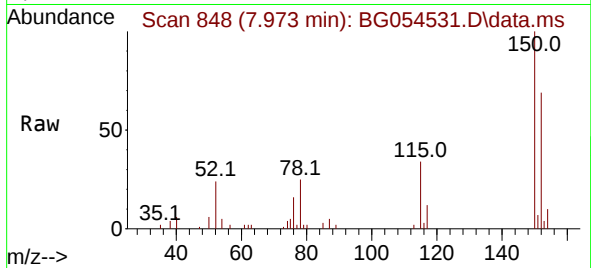




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.973 min Scan# 84
Delta R.T. -0.015 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

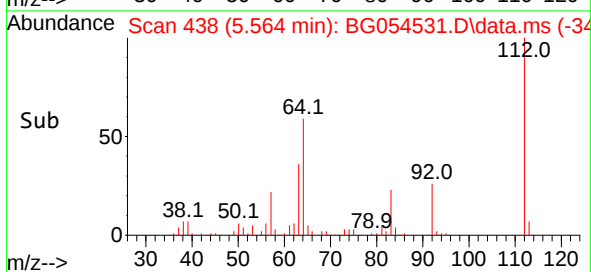
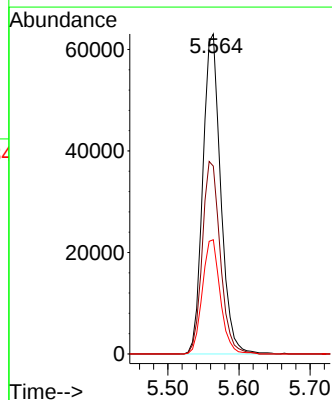
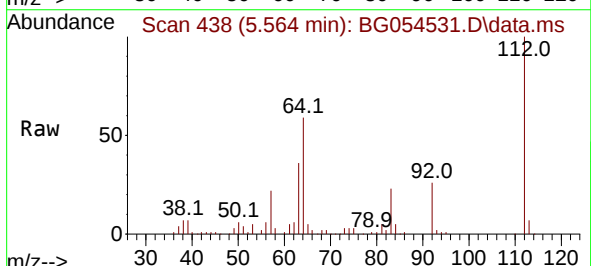
Instrument :
BNA_G
ClientSampleId :
PB146695BL

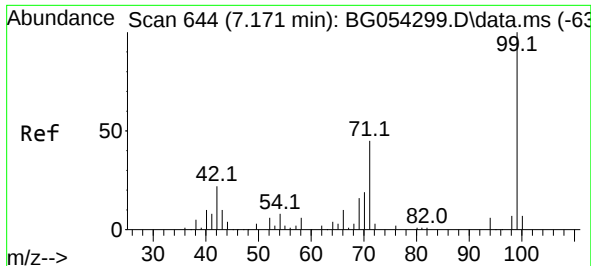
Tgt Ion:152 Resp: 15486
Ion Ratio Lower Upper
152 100
150 145.0 131.6 197.4
115 49.8 50.9 76.3#



#5
2-Fluorophenol
Concen: 148.863 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

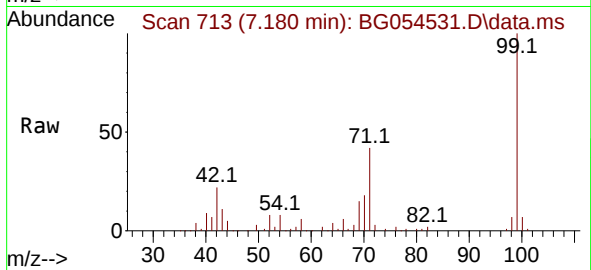
Tgt Ion:112 Resp: 110413
Ion Ratio Lower Upper
112 100
64 58.7 55.1 82.7
63 35.7 30.4 45.6



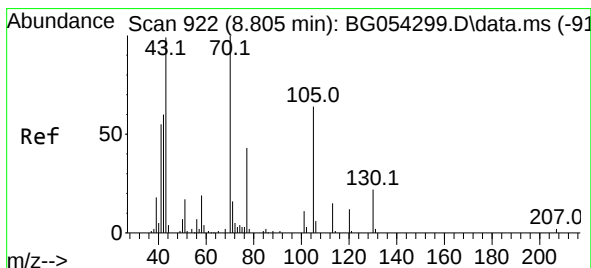
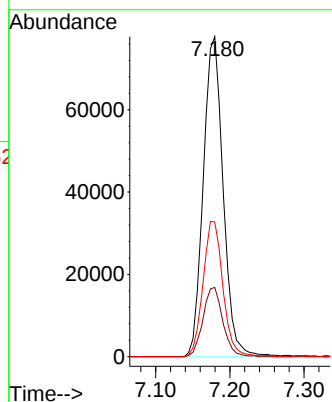
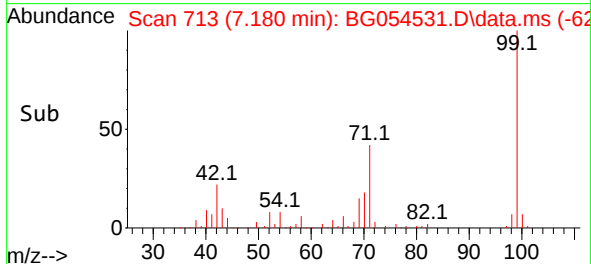


#7
Phenol-d6
Concen: 142.326 ng
RT: 7.180 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

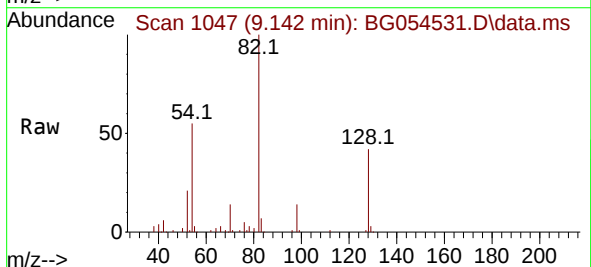
Instrument :
BNA_G
ClientSampleId :
PB146695BL



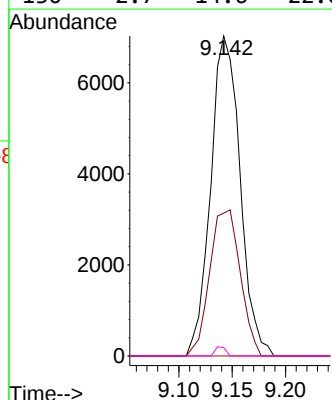
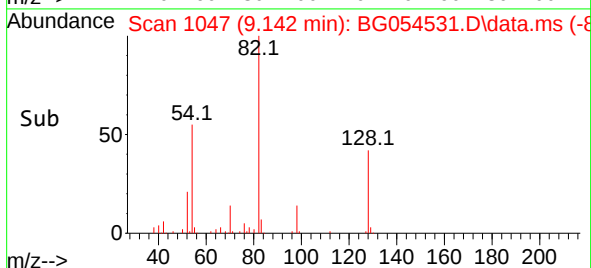
Tgt Ion: 99 Resp: 144649
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 42.1 33.8 50.8

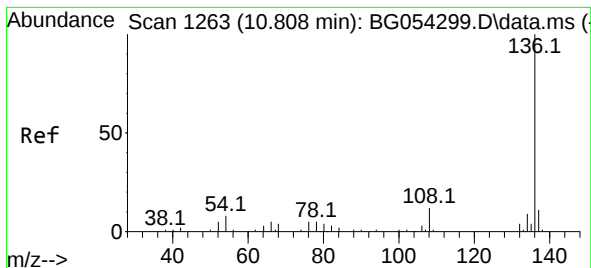


#19
n-Nitroso-di-n-propylamine
Concen: 19.889 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.349 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50



Tgt Ion: 70 Resp: 13498
Ion Ratio Lower Upper
70 100
42 44.6 47.3 70.9#
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.787 min Scan# 11

Delta R.T. -0.010 min

Lab File: BG054531.D

Acq: 5 Aug 2022 11:50

Instrument :

BNA_G

ClientSampleId :

PB146695BL

Tgt Ion:136 Resp: 59856

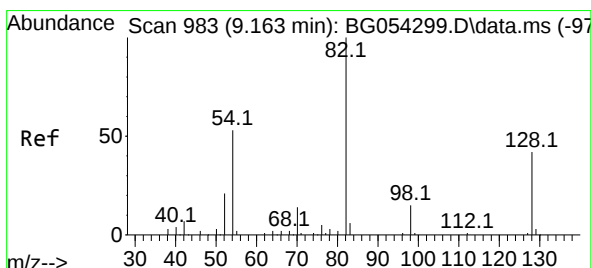
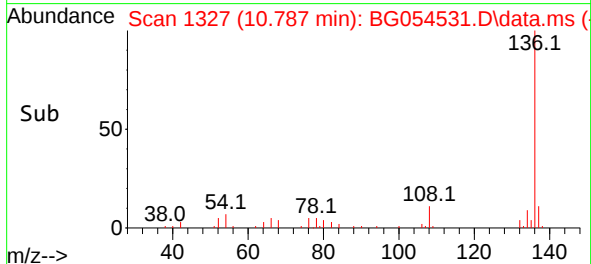
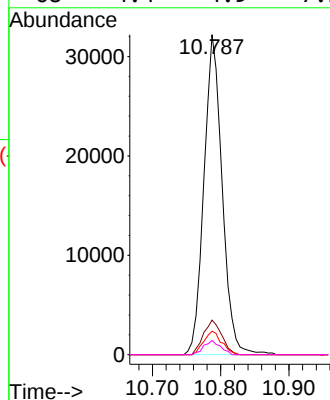
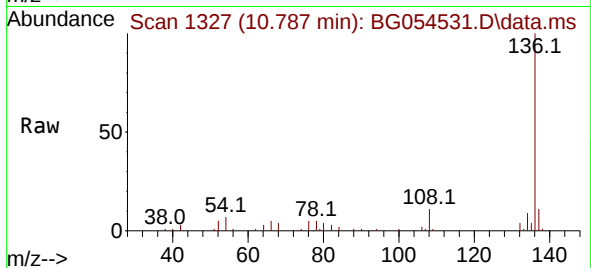
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 7.4 11.2#

68 4.4 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 86.452 ng

RT: 9.142 min Scan# 1047

Delta R.T. -0.010 min

Lab File: BG054531.D

Acq: 5 Aug 2022 11:50

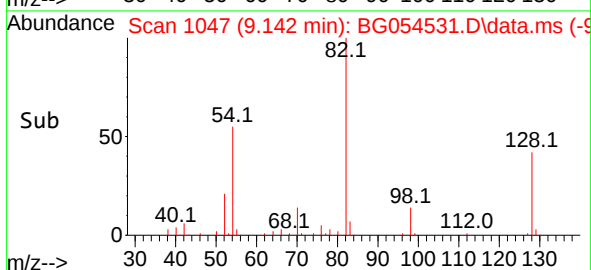
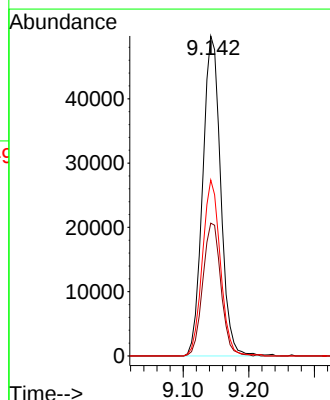
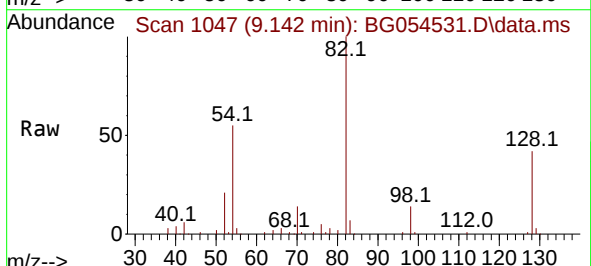
Tgt Ion: 82 Resp: 95023

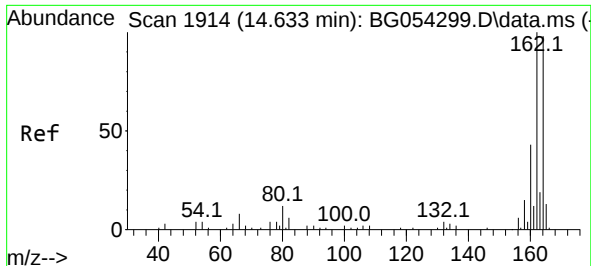
Ion Ratio Lower Upper

82 100

128 41.5 27.9 41.9

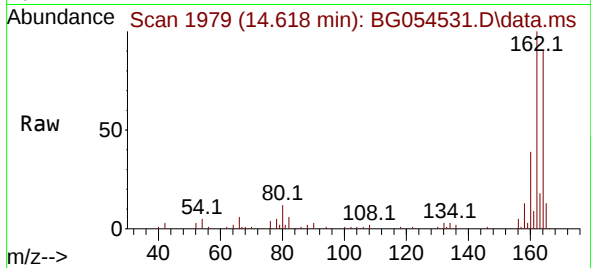
54 55.0 41.2 61.8



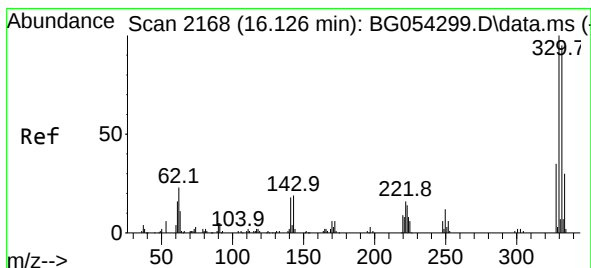
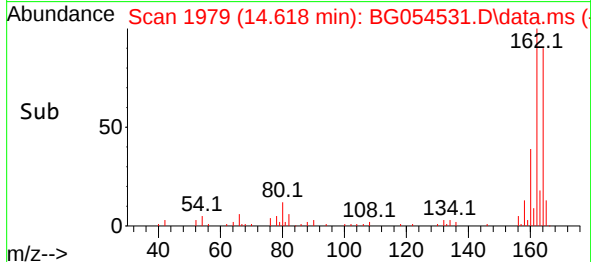
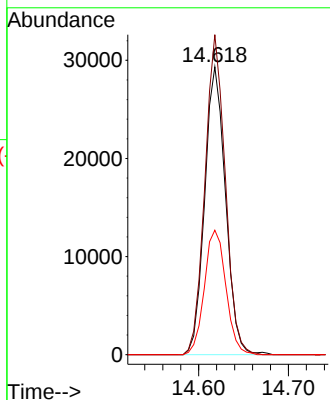


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1914
Delta R.T. -0.004 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

Instrument :
BNA_G
ClientSampleId :
PB146695BL

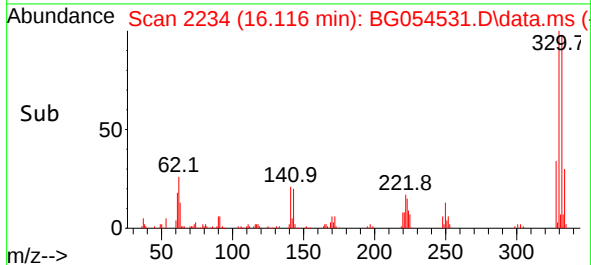
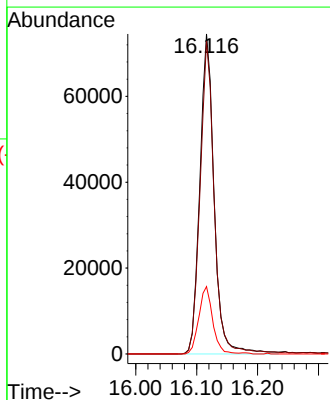
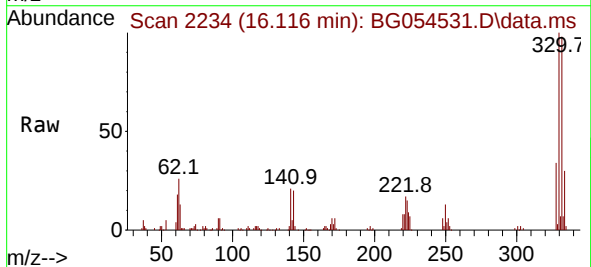


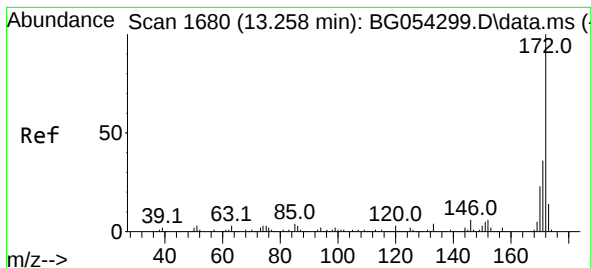
Tgt Ion:164 Resp: 47334
Ion Ratio Lower Upper
164 100
162 111.2 82.3 123.5
160 43.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 122.254 ng
RT: 16.116 min Scan# 2234
Delta R.T. 0.002 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

Tgt Ion:330 Resp: 121501
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 20.4 27.1 40.7#

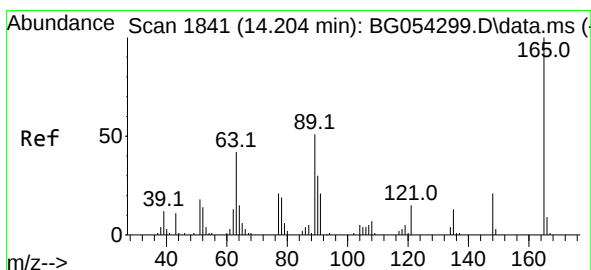
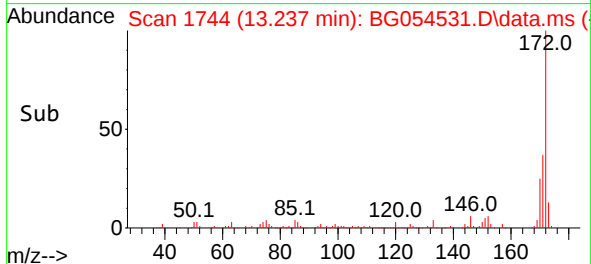
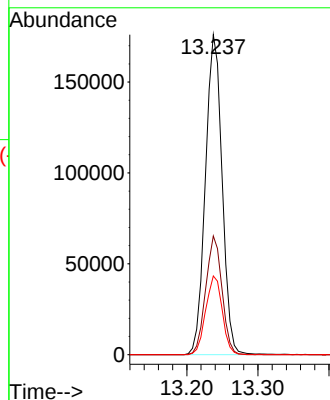
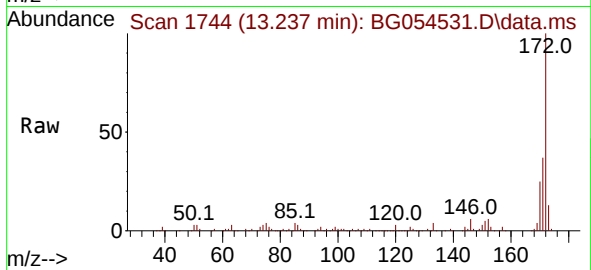




#45
2-Fluorobiphenyl
Concen: 85.853 ng
RT: 13.237 min Scan# 1744
Delta R.T. -0.010 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

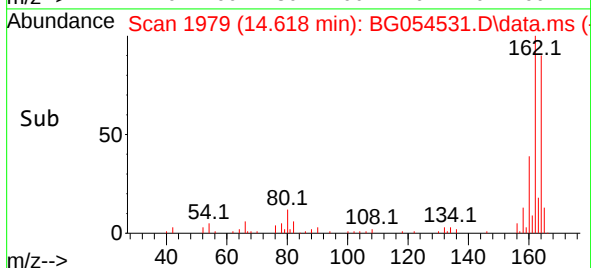
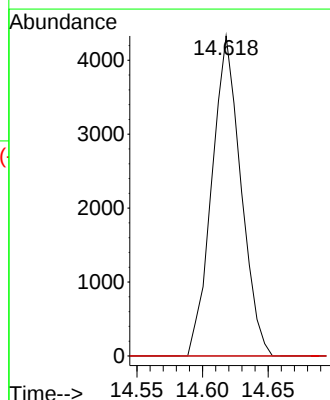
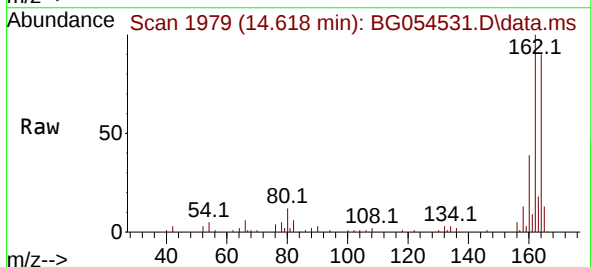
Instrument :
BNA_G
ClientSampleId :
PB146695BL

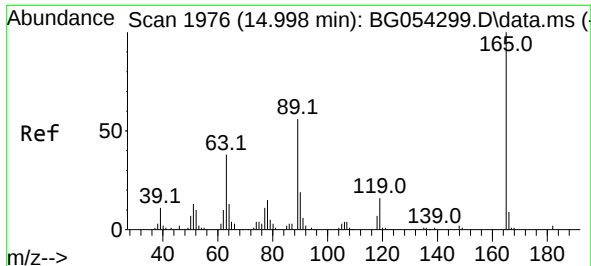
Tgt Ion:172 Resp: 288070
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.226 ng
RT: 14.618 min Scan# 1979
Delta R.T. 0.419 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

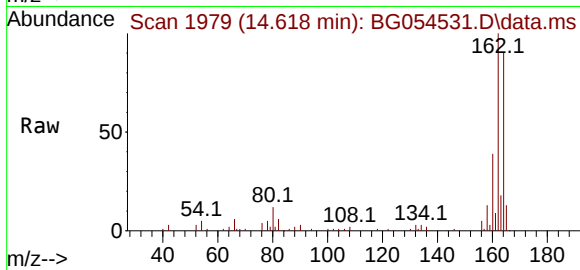
Tgt Ion:165 Resp: 6671
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



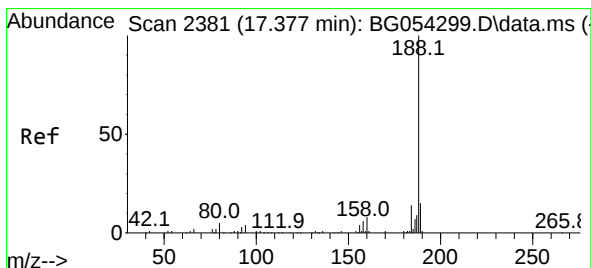
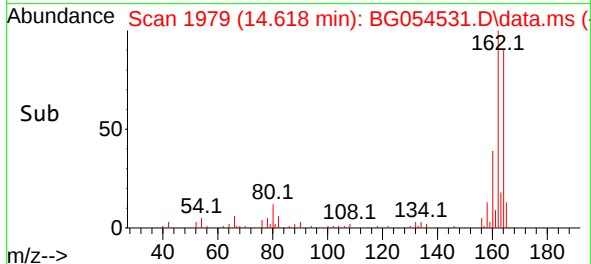
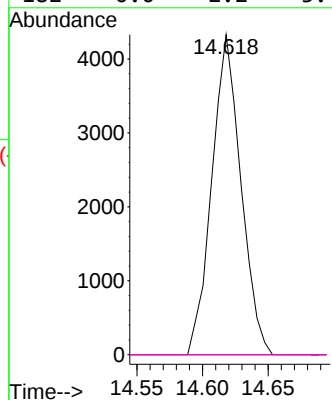


#57
2,4-Dinitrotoluene
Concen: 5.738 ng
RT: 14.618 min Scan# 14
Delta R.T. -0.374 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

Instrument :
BNA_G
ClientSampleId :
PB146695BL

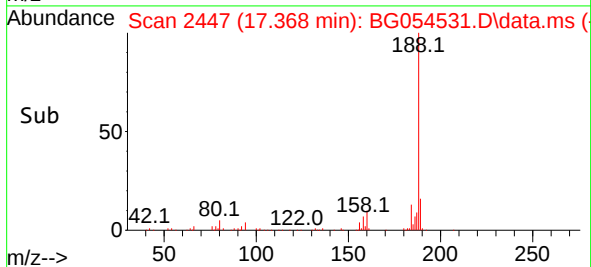
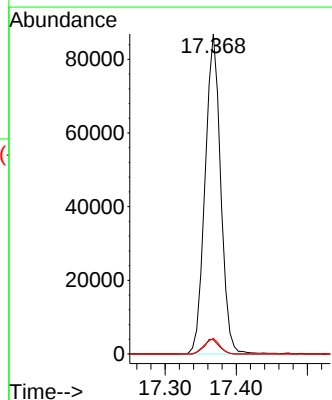
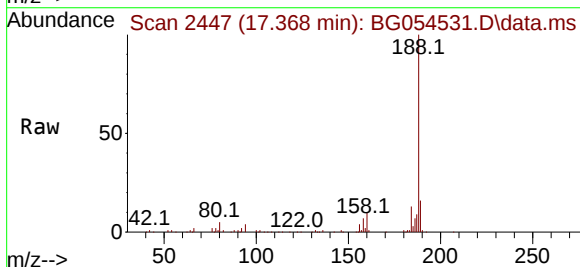


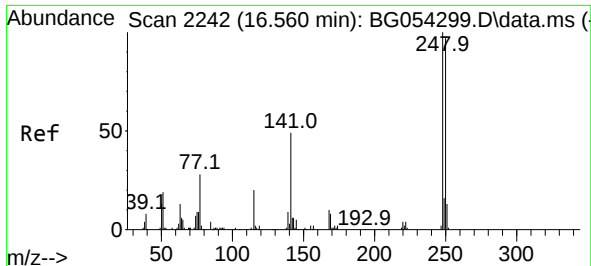
Tgt Ion:165 Resp: 6671
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

Tgt Ion:188 Resp: 132819
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 4.9 6.8 10.2#

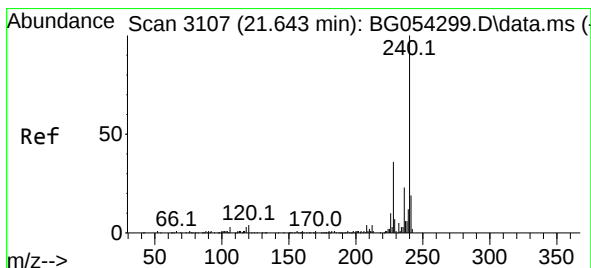
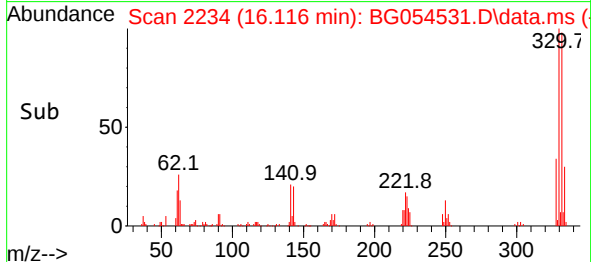
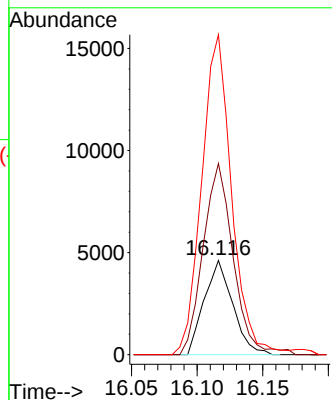
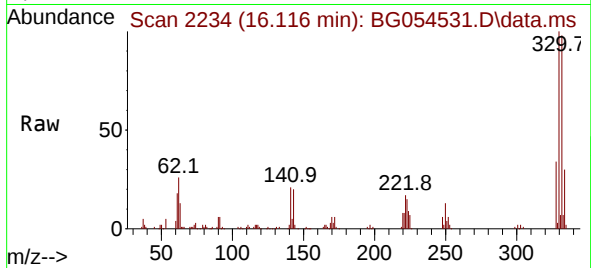




#67
4-Bromophenyl-phenylether
Concen: 3.744 ng
RT: 16.116 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

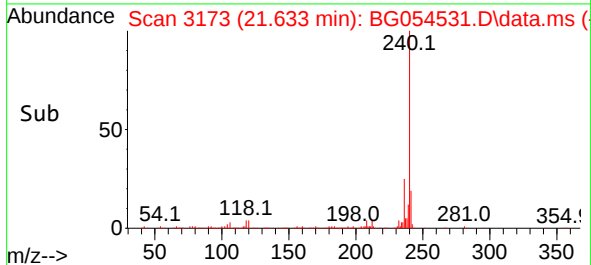
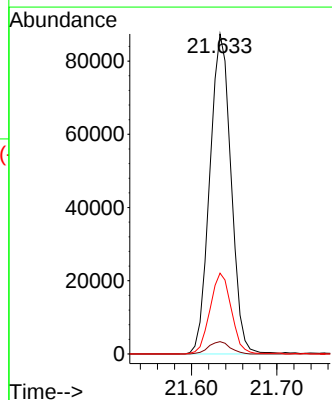
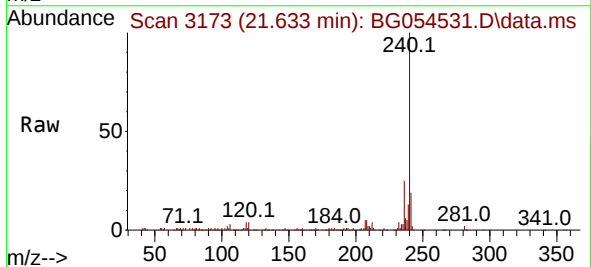
Instrument :
BNA_G
ClientSampleId :
PB146695BL

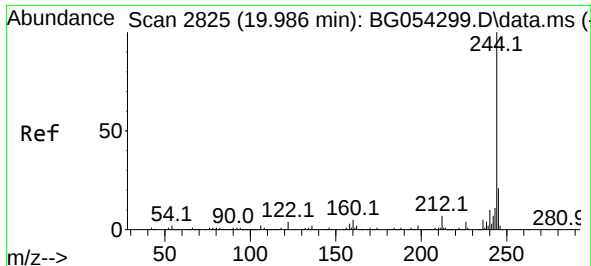
Tgt Ion:248 Resp: 6984
Ion Ratio Lower Upper
248 100
250 155.1 75.2 112.8#
141 259.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3173
Delta R.T. -0.004 min
Lab File: BG054531.D
Acq: 5 Aug 2022 11:50

Tgt Ion:240 Resp: 151505
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0#
236 25.2 20.2 30.4

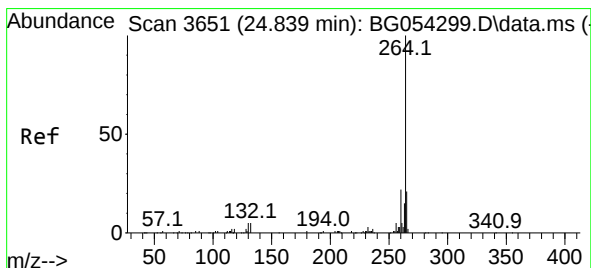
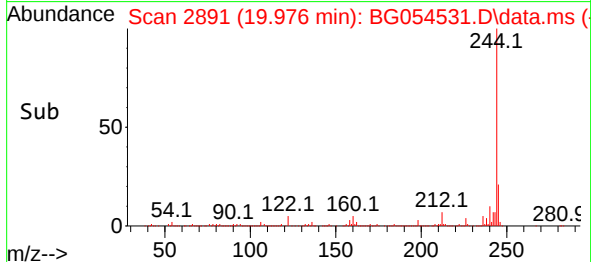
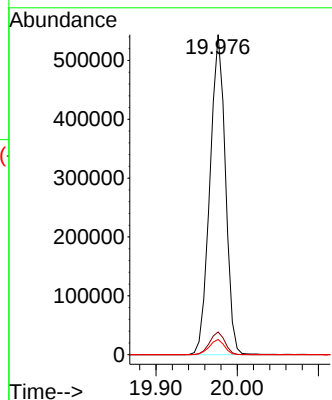
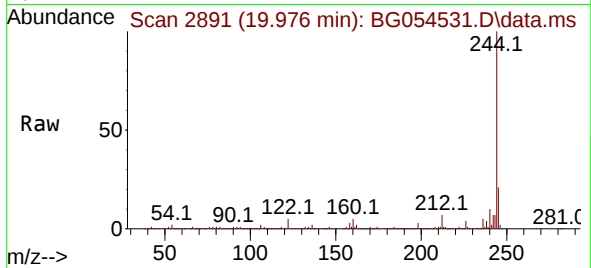




#79
 Terphenyl-d14
 Concen: 94.344 ng
 RT: 19.976 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054531.D
 Acq: 5 Aug 2022 11:50

Instrument :
 BNA_G
 ClientSampleId :
 PB146695BL

Tgt Ion:244 Resp: 720515
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.8 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.841 min Scan# 3719
 Delta R.T. 0.008 min
 Lab File: BG054531.D
 Acq: 5 Aug 2022 11:50

Tgt Ion:264 Resp: 157802
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 22.4 17.4 26.2

