

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054427.D
 Acq On : 28 Jul 2022 11:28
 Operator : CG/JU
 Sample : PB146489BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146489BL

Quant Time: Jul 29 04:07:55 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)

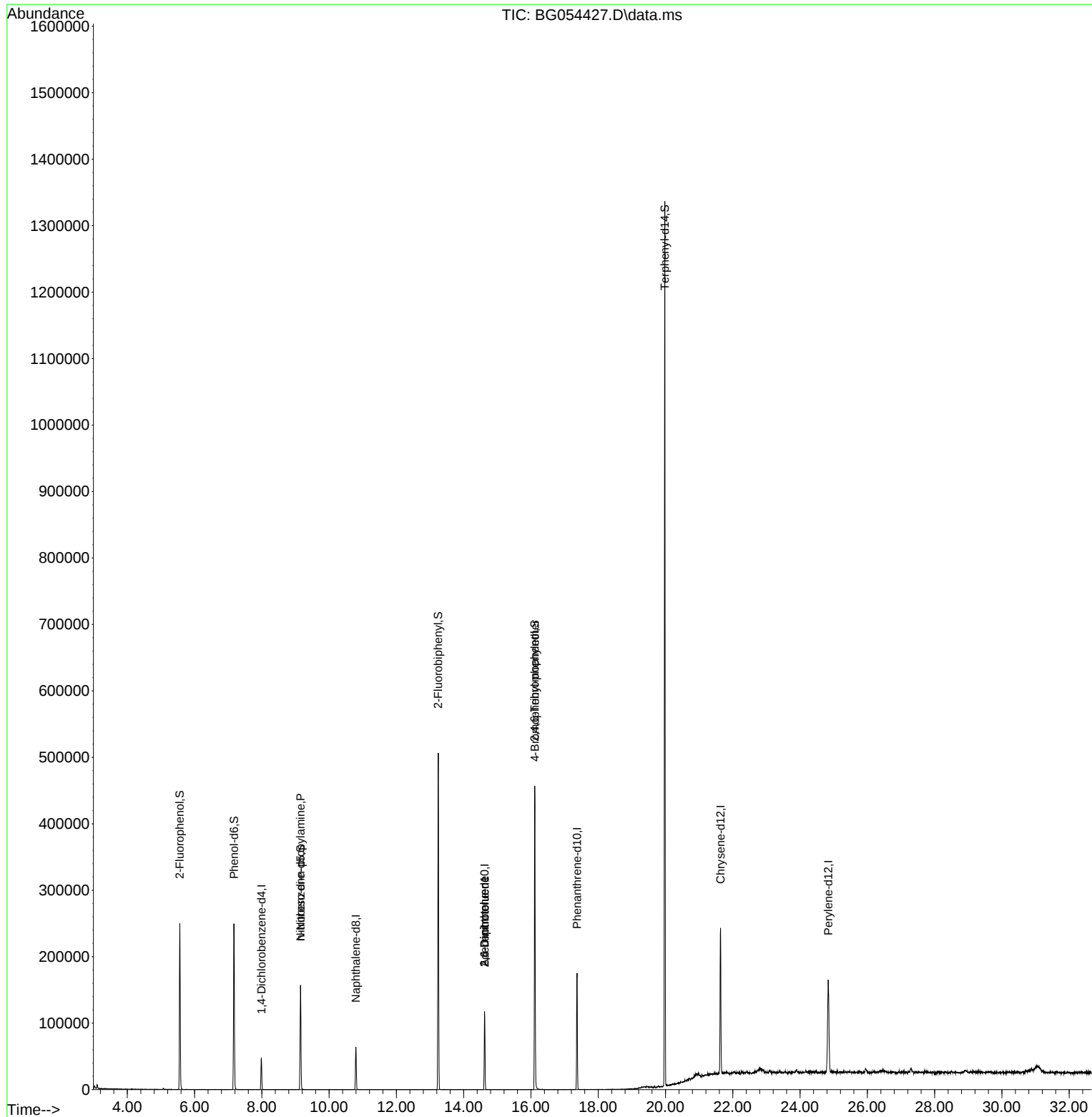
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	15357	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	58808	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	46642	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	129831	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	155774	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	161545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	110916	150.798	ng	0.00
7) Phenol-d6	7.171	99	142821	141.708	ng	0.00
23) Nitrobenzene-d5	9.151	82	98742	91.436	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	126929	129.611	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	292112	88.350	ng	0.00
79) Terphenyl-d14	19.979	244	741366	94.414	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.151	70	14246	21.167	ng	# 74
51) 2,6-Dinitrotoluene	14.621	165	6288	7.869	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	6288	5.489	ng	# 21
67) 4-Bromophenyl-phenylether	16.119	248	7357	4.035	ng	# 1

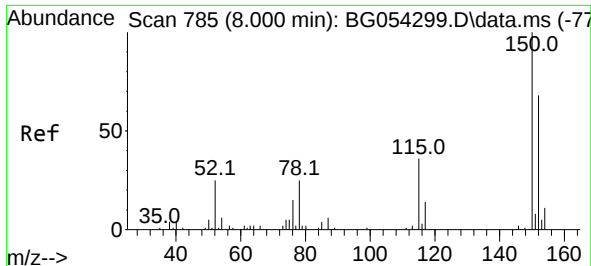
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
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Quant Time: Jul 29 04:07:55 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

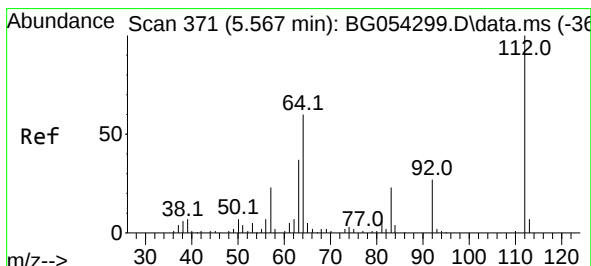
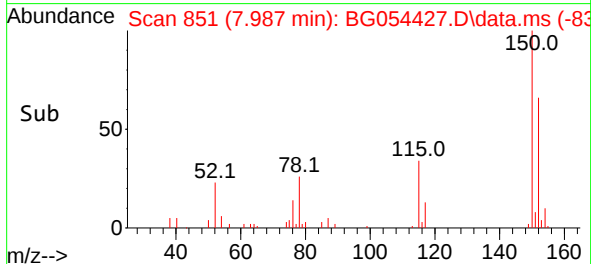
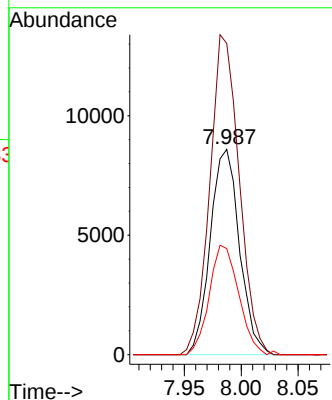
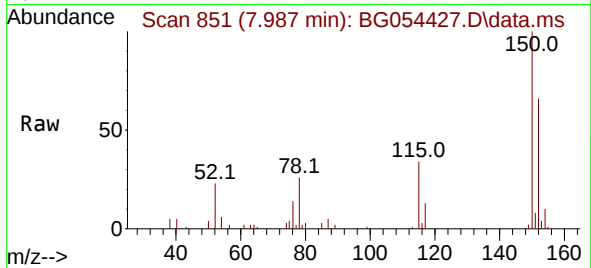




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

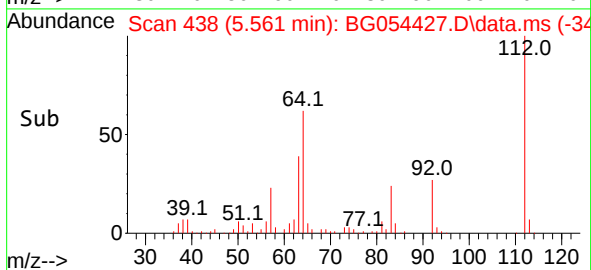
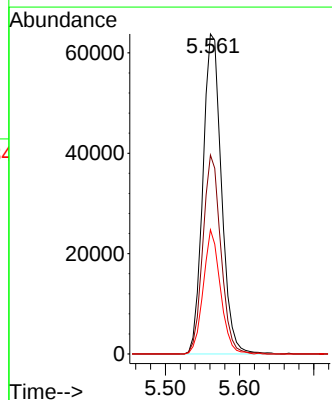
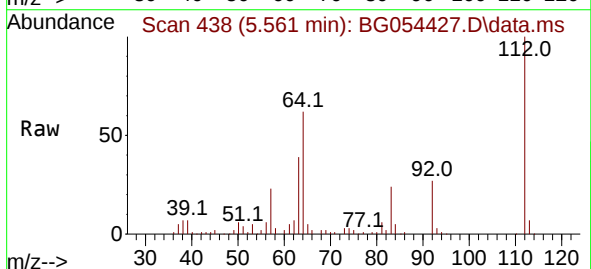
Instrument :
BNA_G
ClientSampleId :
PB146489BL

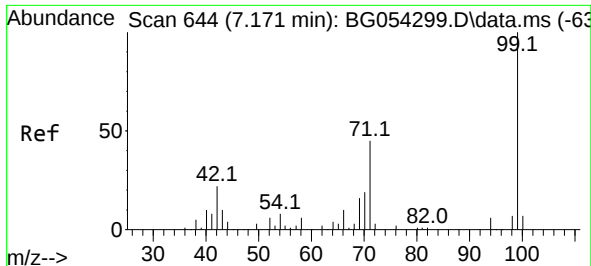
Tgt Ion:152 Resp: 15357
Ion Ratio Lower Upper
152 100
150 151.6 131.6 197.4
115 51.6 50.9 76.3



#5
2-Fluorophenol
Concen: 150.798 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

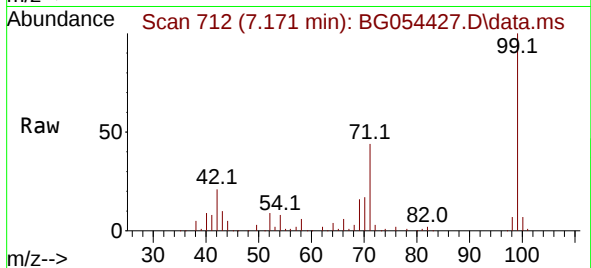
Tgt Ion:112 Resp: 110916
Ion Ratio Lower Upper
112 100
64 62.2 55.1 82.7
63 38.8 30.4 45.6



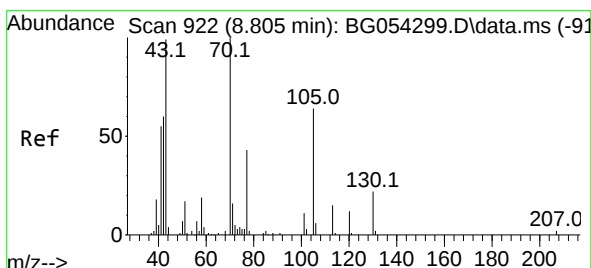
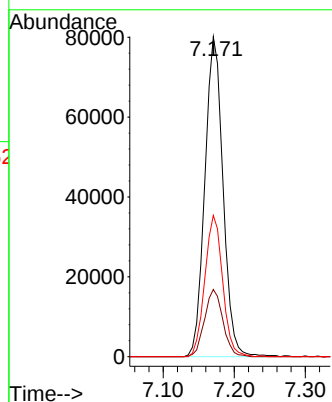
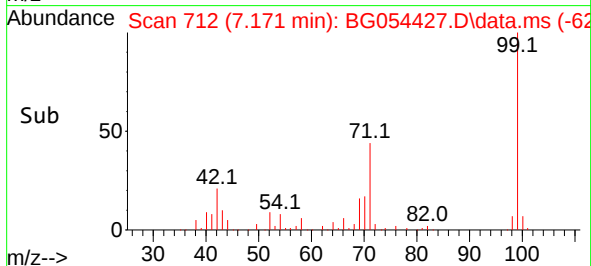


#7
Phenol-d6
Concen: 141.708 ng
RT: 7.171 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

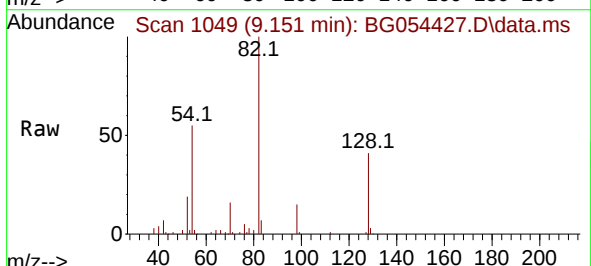
Instrument :
BNA_G
ClientSampleId :
PB146489BL



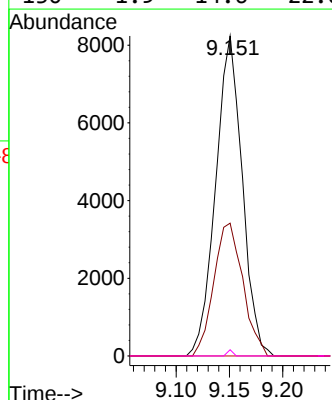
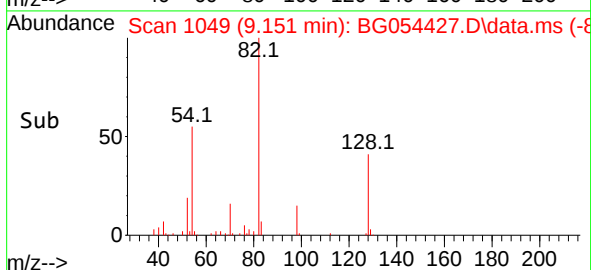
Tgt Ion: 99 Resp: 142821
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 44.1 33.8 50.8

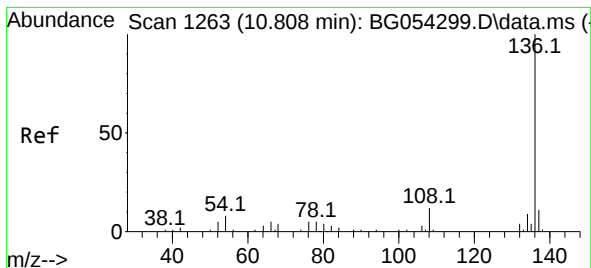


#19
n-Nitroso-di-n-propylamine
Concen: 21.167 ng
RT: 9.151 min Scan# 1049
Delta R.T. 0.357 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28



Tgt Ion: 70 Resp: 14246
Ion Ratio Lower Upper
70 100
42 41.5 47.3 70.9#
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.796 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG054427.D

Acq: 28 Jul 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB146489BL

Tgt Ion:136 Resp: 58808

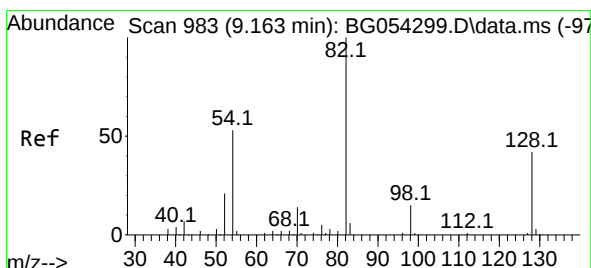
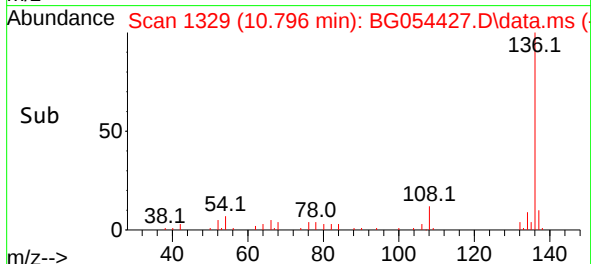
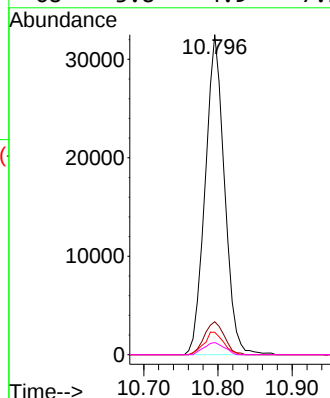
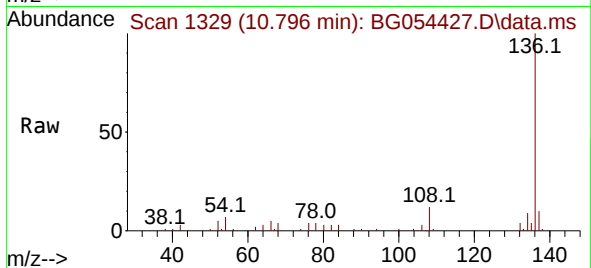
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.0 7.4 11.2#

68 3.8 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 91.436 ng

RT: 9.151 min Scan# 1049

Delta R.T. -0.001 min

Lab File: BG054427.D

Acq: 28 Jul 2022 11:28

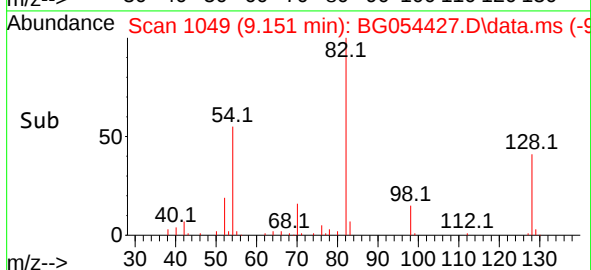
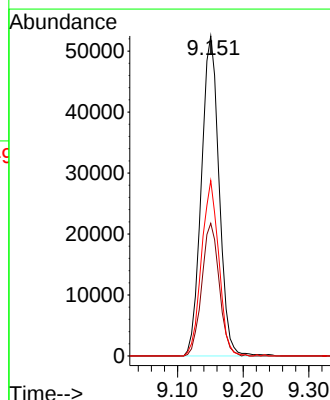
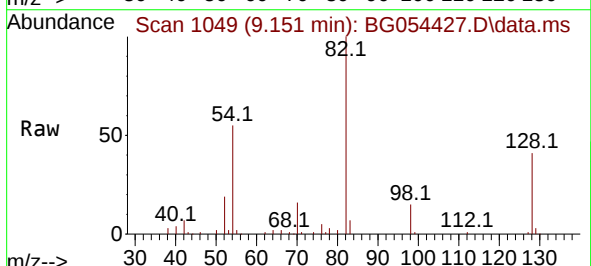
Tgt Ion: 82 Resp: 98742

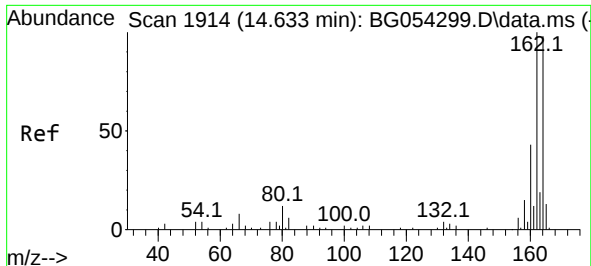
Ion Ratio Lower Upper

82 100

128 41.5 27.9 41.9

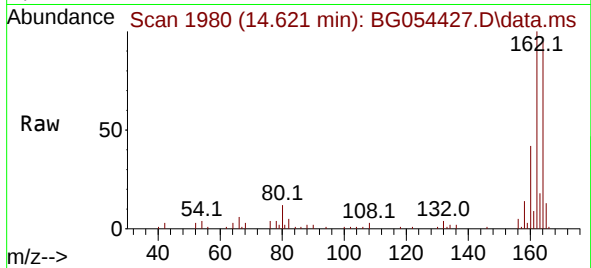
54 54.8 41.2 61.8



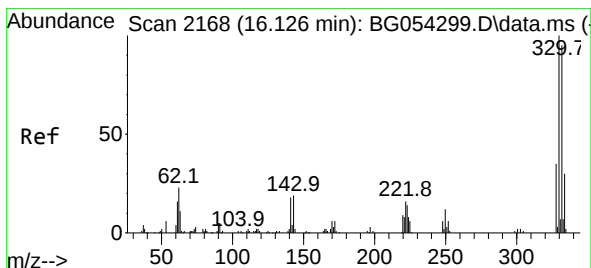
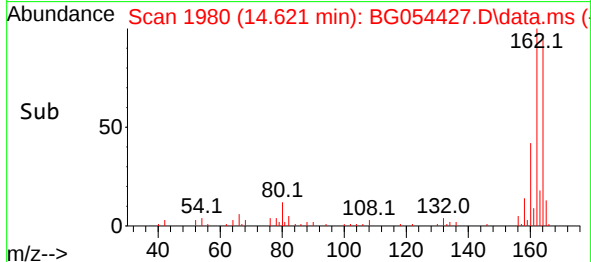
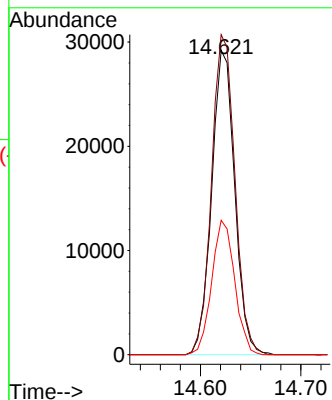


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1914
Delta R.T. -0.001 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

Instrument :
BNA_G
ClientSampleId :
PB146489BL

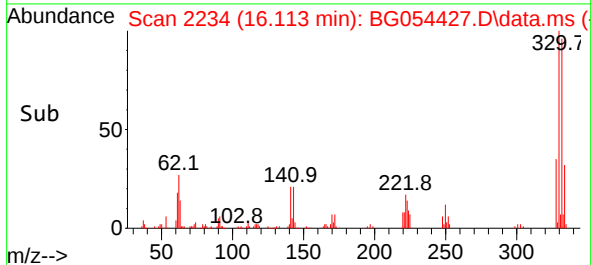
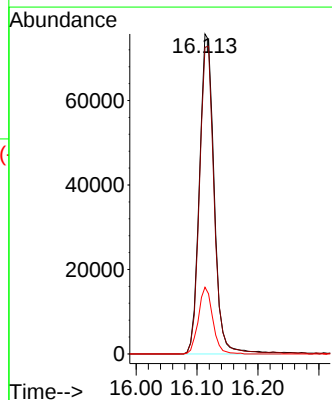
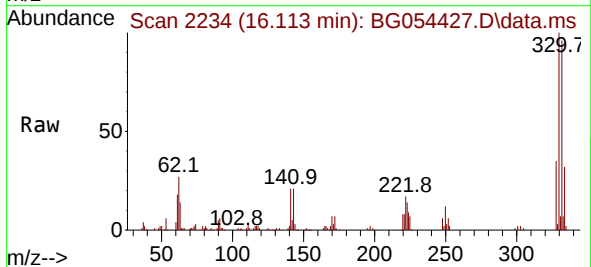


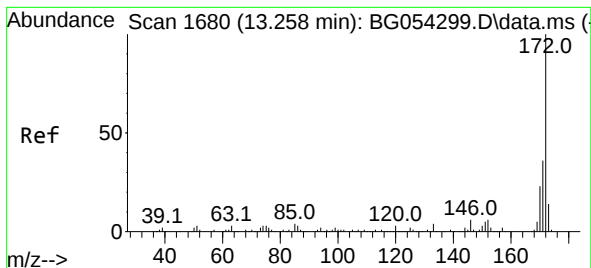
Tgt Ion:164 Resp: 46642
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 44.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 129.611 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.001 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

Tgt Ion:330 Resp: 126929
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 20.4 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 88.350 ng

RT: 13.246 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG054427.D

Acq: 28 Jul 2022 11:28

Instrument :

BNA_G

ClientSampleId :

PB146489BL

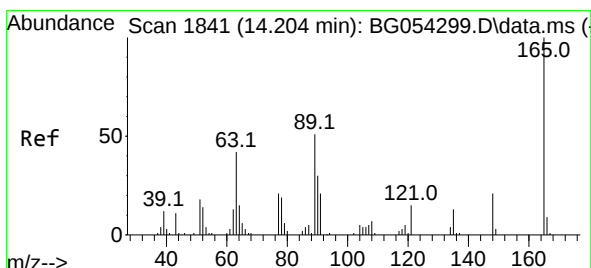
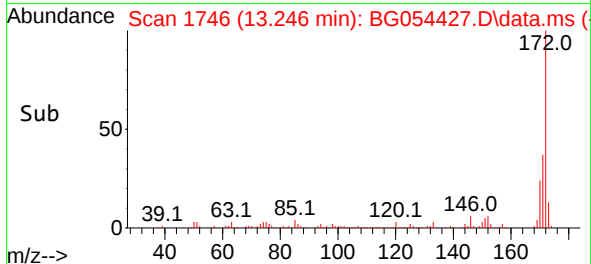
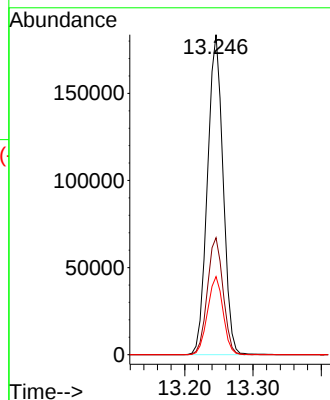
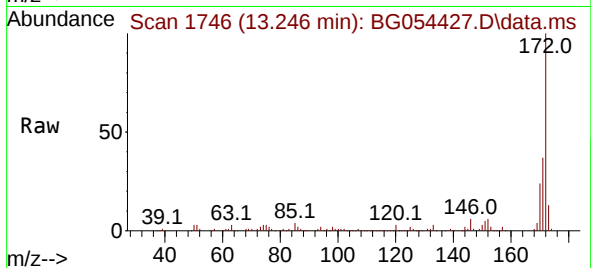
Tgt Ion:172 Resp: 292112

Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.4 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 7.869 ng

RT: 14.621 min Scan# 1980

Delta R.T. 0.422 min

Lab File: BG054427.D

Acq: 28 Jul 2022 11:28

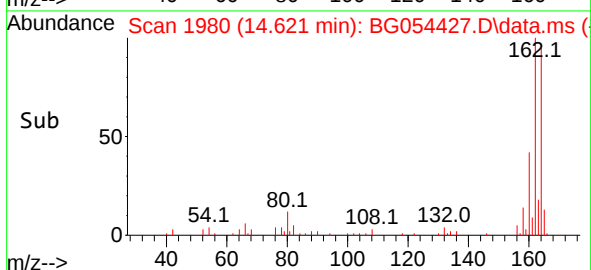
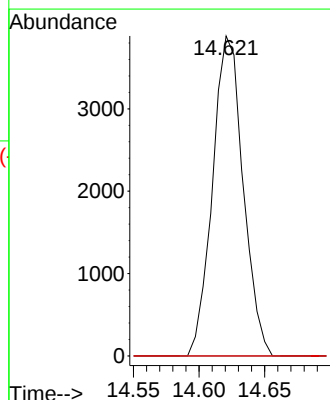
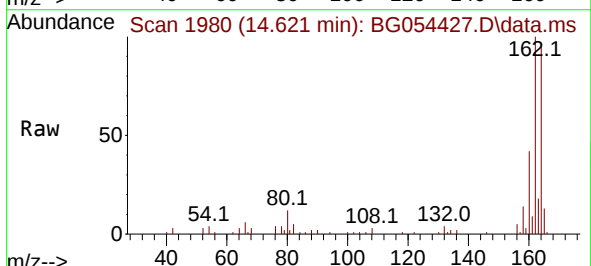
Tgt Ion:165 Resp: 6288

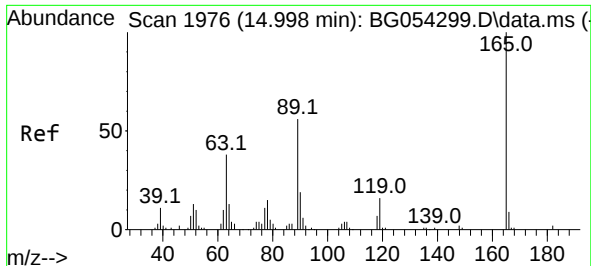
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

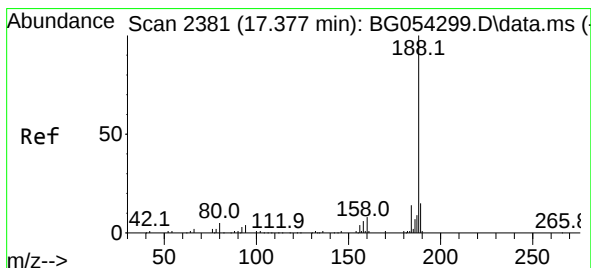
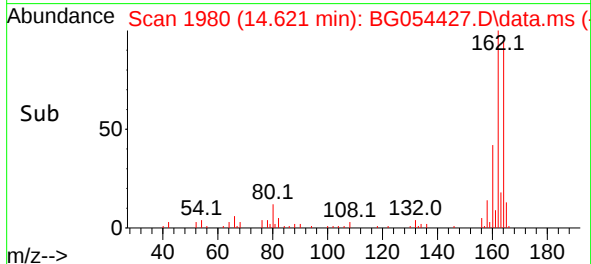
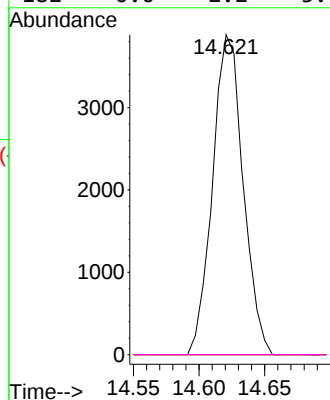
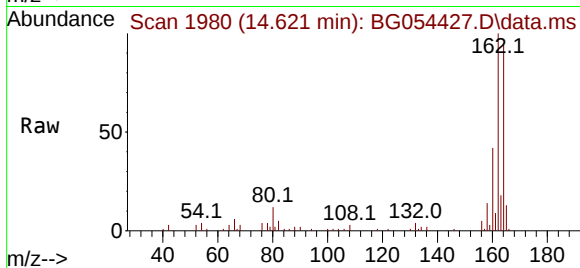




#57
2,4-Dinitrotoluene
Concen: 5.489 ng
RT: 14.621 min Scan# 14
Delta R.T. -0.371 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

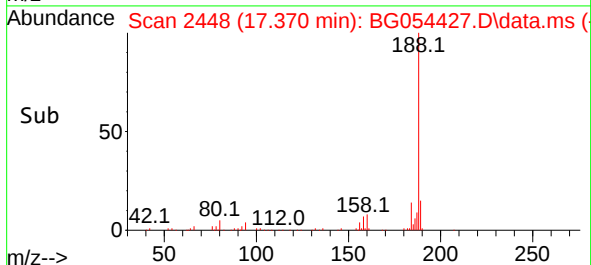
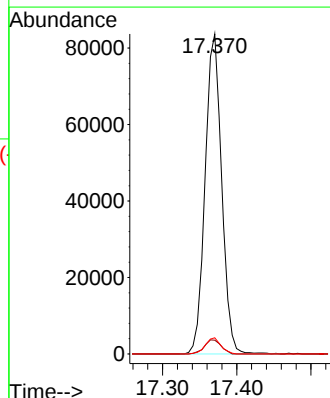
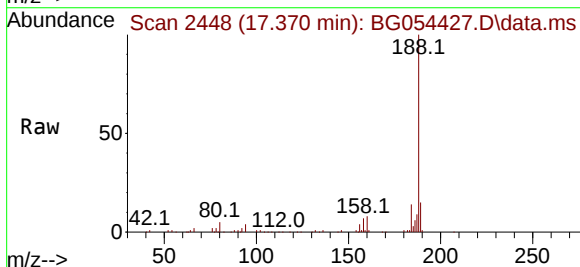
Instrument :
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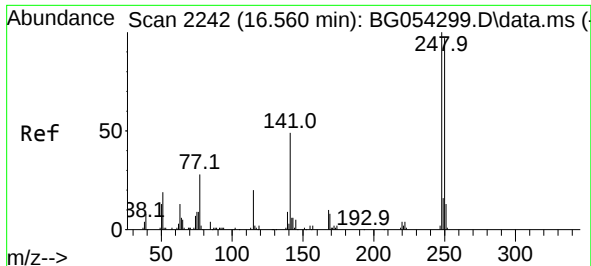
Tgt Ion:165 Resp: 6288
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

Tgt Ion:188 Resp: 129831
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 5.1 6.8 10.2#

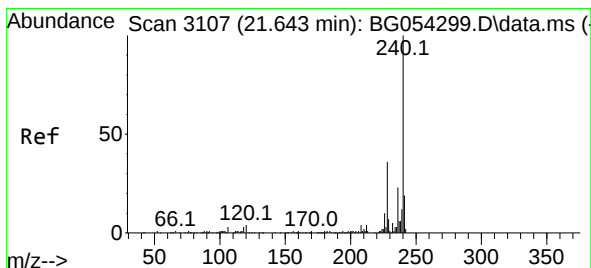
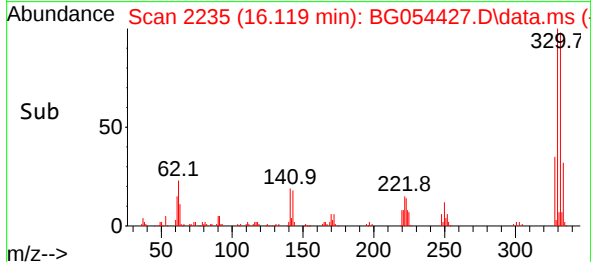
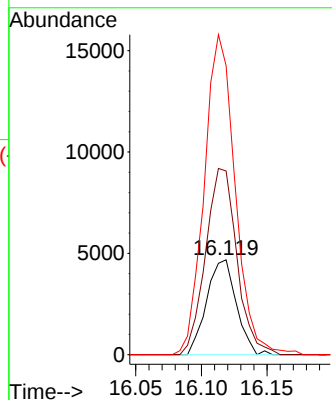
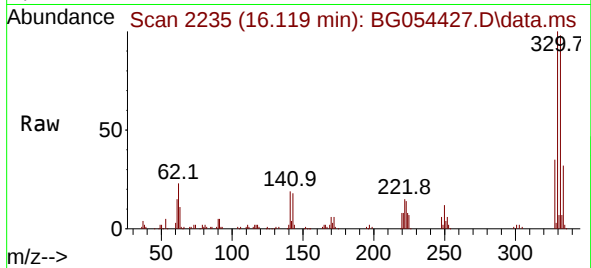




#67
4-Bromophenyl-phenylether
Concen: 4.035 ng
RT: 16.119 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

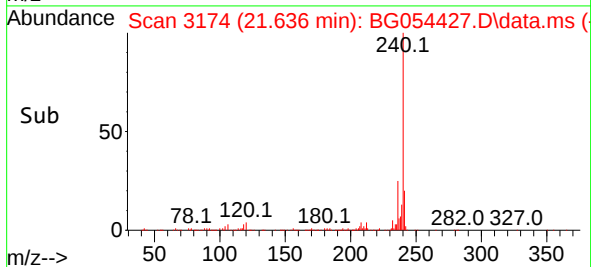
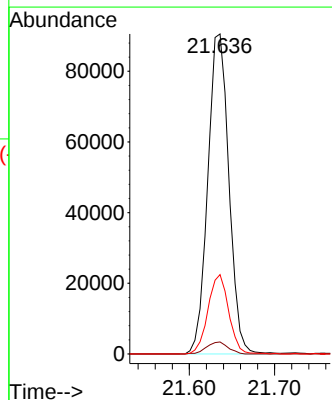
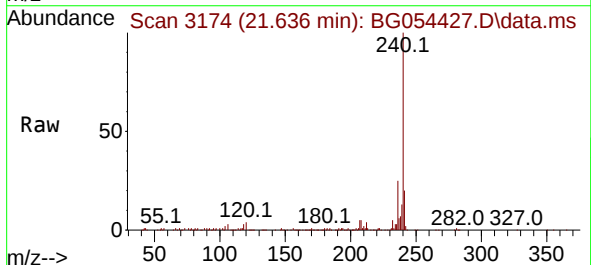
Instrument :
BNA_G
ClientSampleId :
PB146489BL

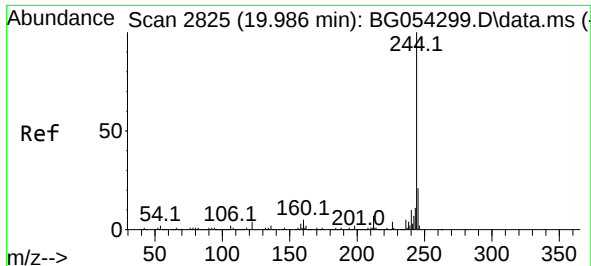
Tgt Ion:248 Resp: 7357
Ion Ratio Lower Upper
248 100
250 193.7 75.2 112.8#
141 304.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.001 min
Lab File: BG054427.D
Acq: 28 Jul 2022 11:28

Tgt Ion:240 Resp: 155774
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.8 20.2 30.4

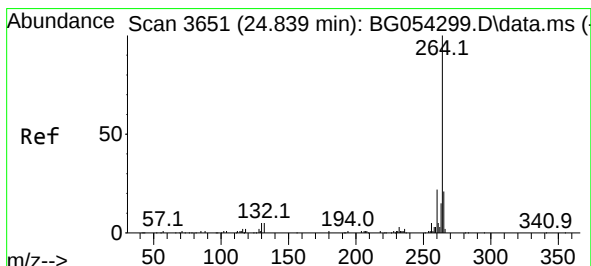
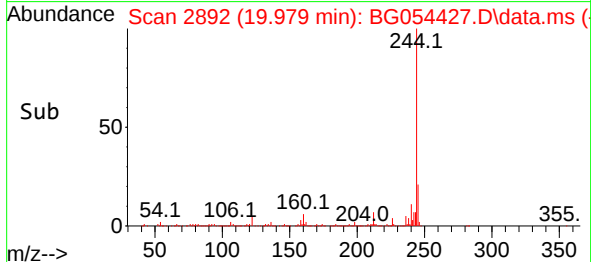
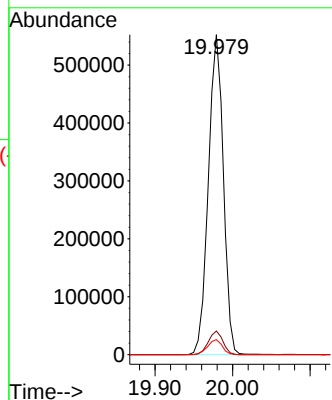
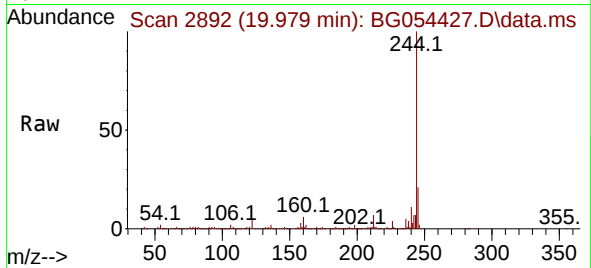




#79
 Terphenyl-d14
 Concen: 94.414 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054427.D
 Acq: 28 Jul 2022 11:28

Instrument :
 BNA_G
 ClientSampleId :
 PB146489BL

Tgt Ion:244 Resp: 741366
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.005 min
 Lab File: BG054427.D
 Acq: 28 Jul 2022 11:28

Tgt Ion:264 Resp: 161545
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.4 17.4 26.2

