

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054621.D
 Acq On : 12 Aug 2022 14:03
 Operator : CG/JU
 Sample : N4046-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-06

Quant Time: Aug 13 00:37:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

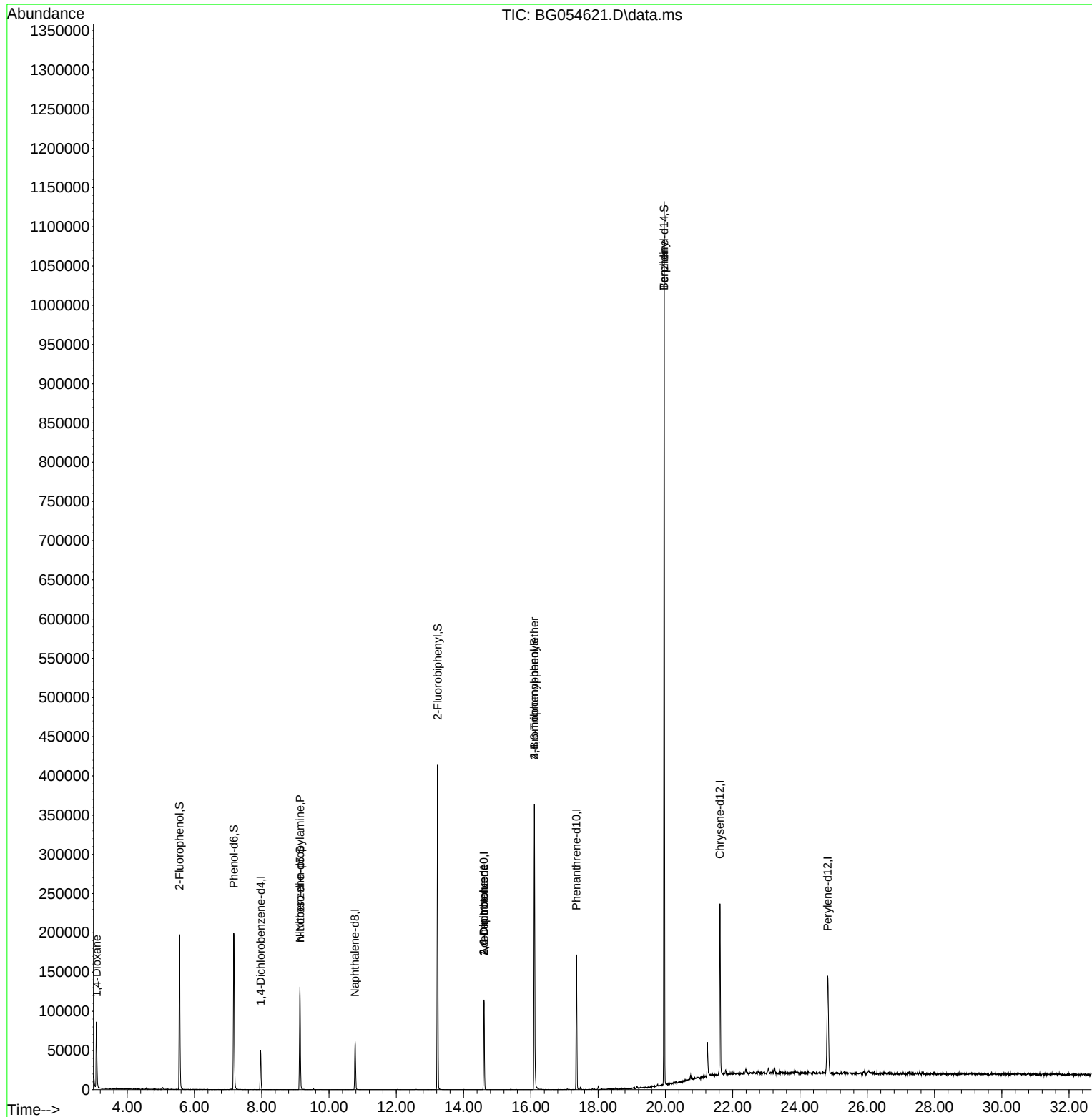
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	15781	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	58826	20.000	ng	# 0.00
39) Acenaphthene-d10	14.606	164	46842	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	130738	20.000	ng	# 0.00
76) Chrysene-d12	21.621	240	155620	20.000	ng	# 0.00
86) Perylene-d12	24.823	264	162698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.558	112	92796	122.773	ng	0.00
7) Phenol-d6	7.168	99	122060	117.855	ng	0.00
23) Nitrobenzene-d5	9.136	82	79864	73.933	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	103079	104.808	ng	0.00
45) 2-Fluorobiphenyl	13.225	172	243315	73.277	ng	0.00
79) Terphenyl-d14	19.964	244	627356	79.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.096	88	833	2.770	ng	# 1
9) Benzaldehyde	7.168	77	57	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.136	70	11895	17.199	ng	# 80
51) 2,6-Dinitrotoluene	14.606	165	6284	7.830	ng	# 16
57) 2,4-Dinitrotoluene	14.606	165	6284	5.462	ng	# 21
67) 4-Bromophenyl-phenylether	16.104	248	6276	3.418	ng	# 1
77) Benizidine	19.964	184	8004	2.840	ng	# 93

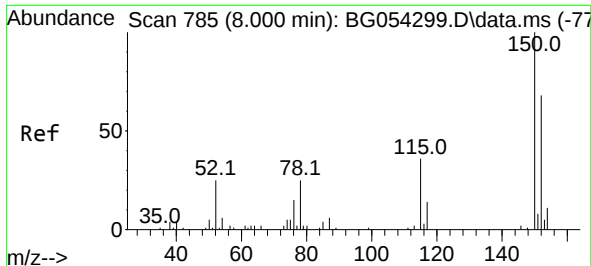
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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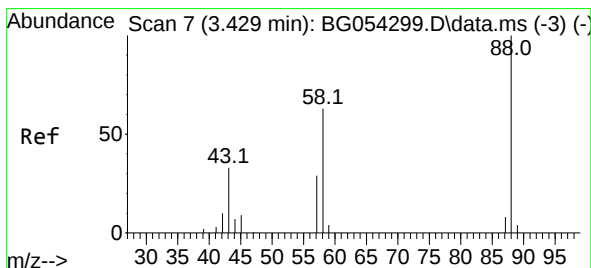
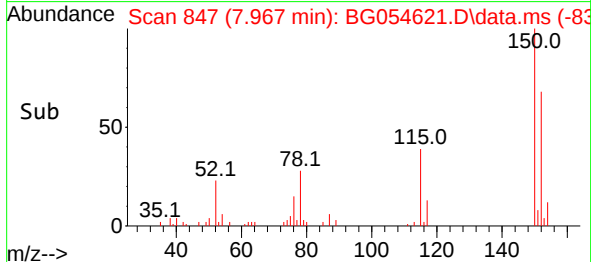
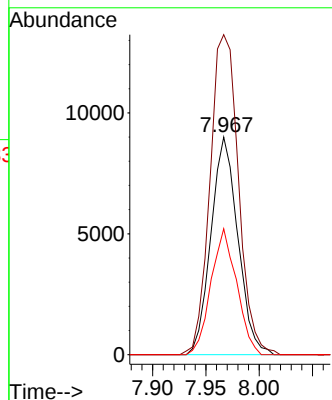
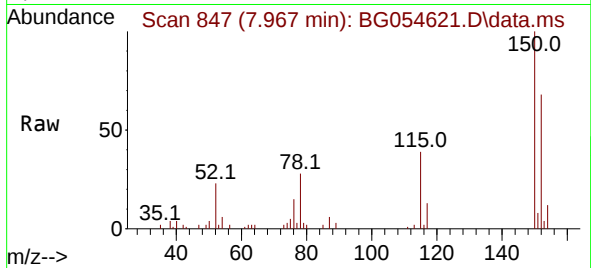




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.967 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG054621.D
 Acq: 12 Aug 2022 14:03

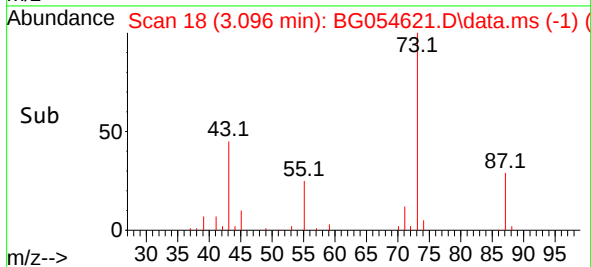
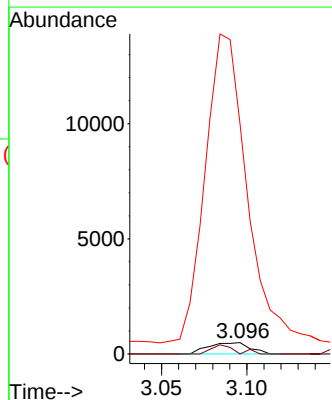
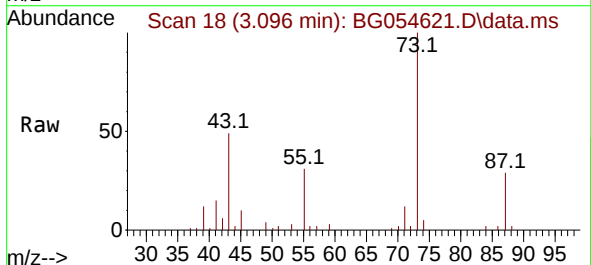
Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-06

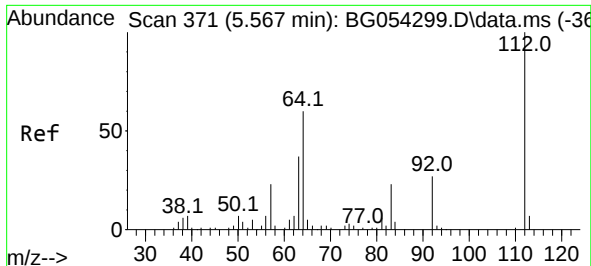
Tgt Ion:152 Resp: 15781
 Ion Ratio Lower Upper
 152 100
 150 147.1 131.6 197.4
 115 57.9 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.770 ng
 RT: 3.096 min Scan# 18
 Delta R.T. -0.295 min
 Lab File: BG054621.D
 Acq: 12 Aug 2022 14:03

Tgt Ion: 88 Resp: 833
 Ion Ratio Lower Upper
 88 100
 58 45.6 59.2 88.8#
 43 2838.2 24.3 36.5#

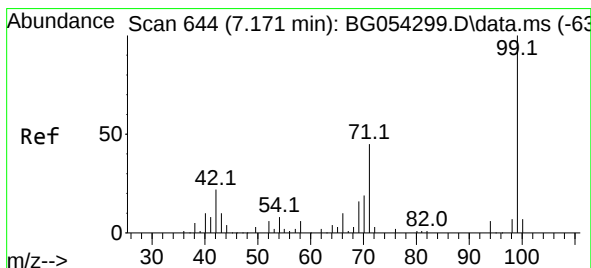
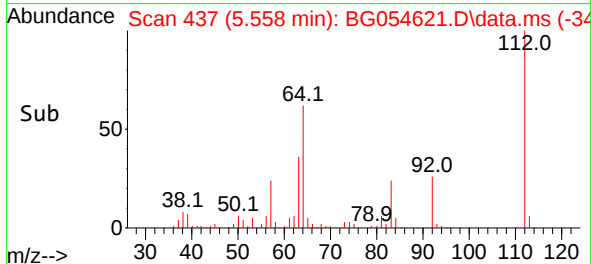
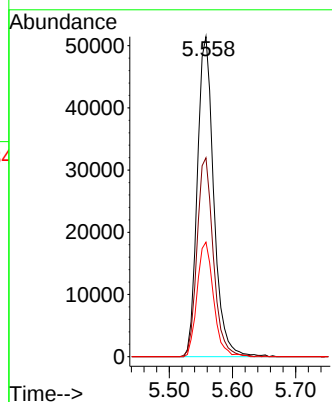
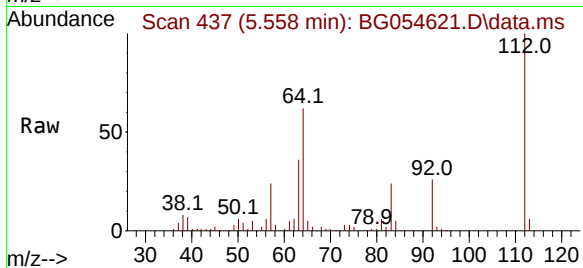




#5
2-Fluorophenol
Concen: 122.773 ng
RT: 5.558 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

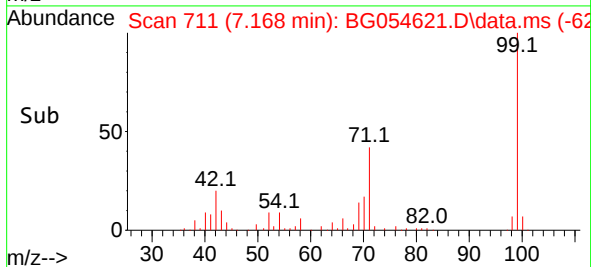
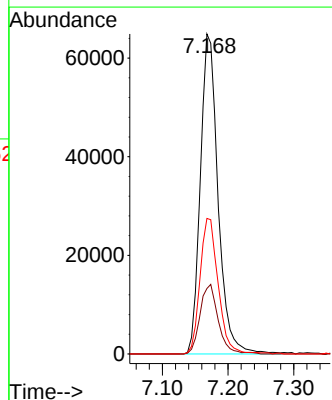
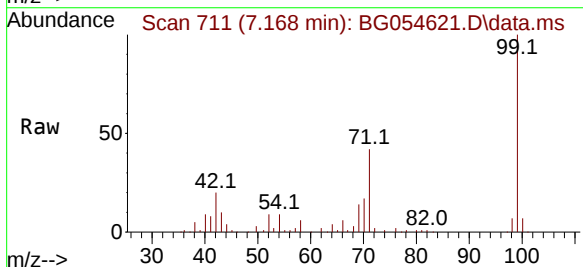
Instrument :
BNA_G
ClientSampleId :
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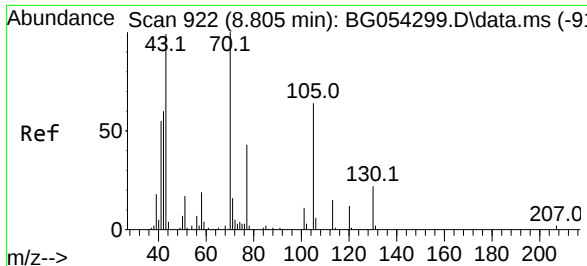
Tgt Ion:112 Resp: 92796
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 35.8 30.4 45.6



#7
Phenol-d6
Concen: 117.855 ng
RT: 7.168 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

Tgt Ion: 99 Resp: 122060
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 42.3 33.8 50.8

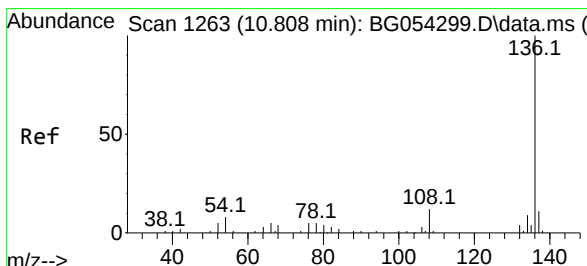
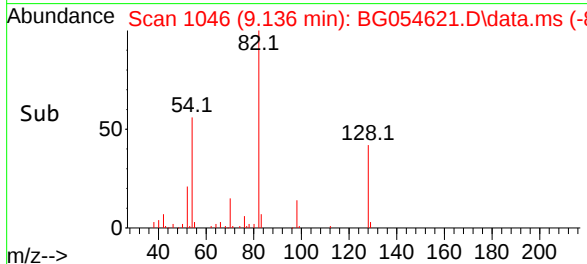
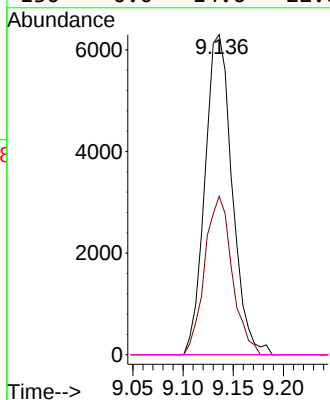
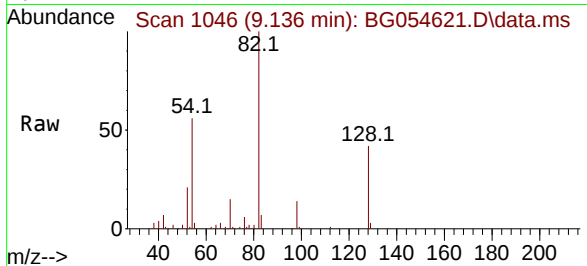




#19
n-Nitroso-di-n-propylamine
Concen: 17.199 ng
RT: 9.136 min Scan# 1046
Delta R.T. 0.357 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

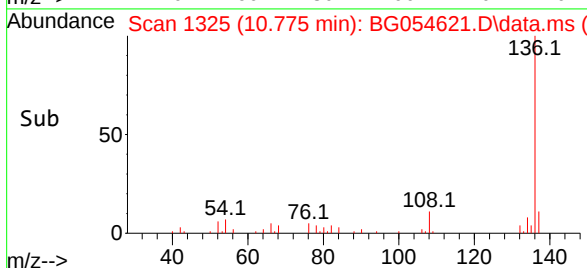
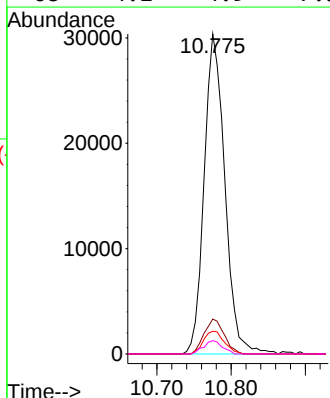
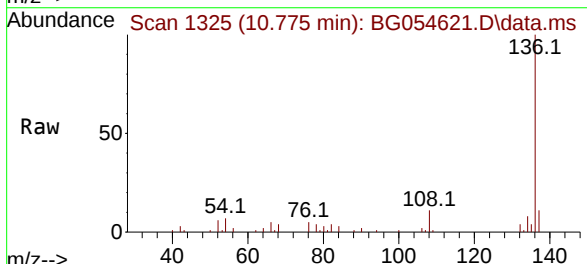
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-06

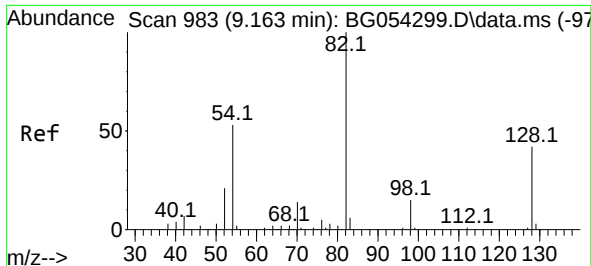
Tgt Ion:	70	Resp:	11895
Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

Tgt Ion:	136	Resp:	58826
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.1	7.4	11.2#
68	4.2	4.9	7.3#

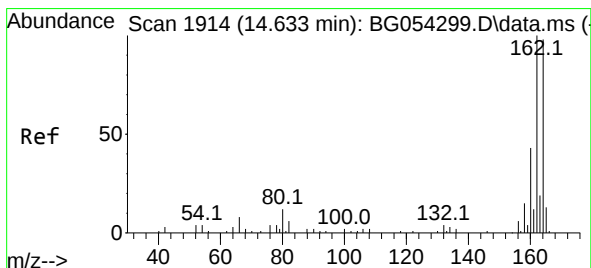
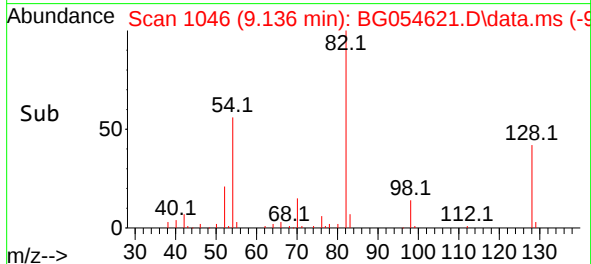
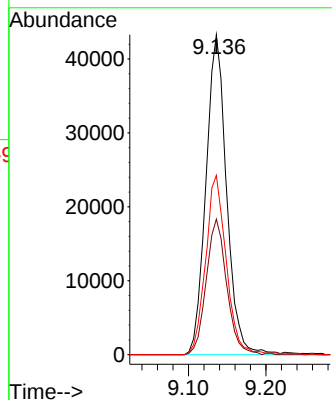
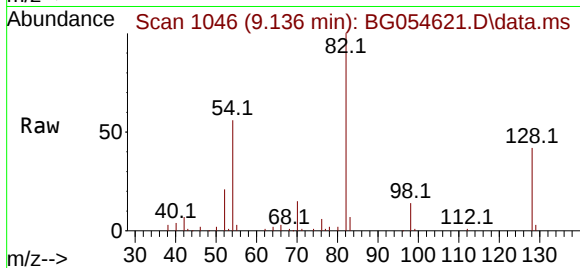




#23
Nitrobenzene-d5
Concen: 73.933 ng
RT: 9.136 min Scan# 1046
Delta R.T. -0.001 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

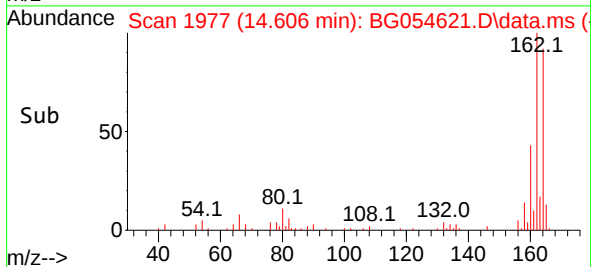
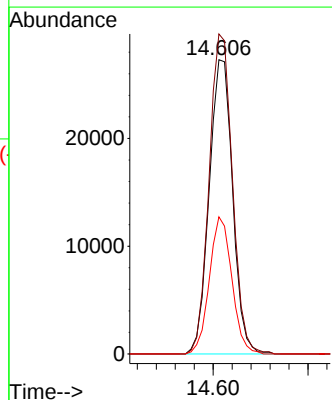
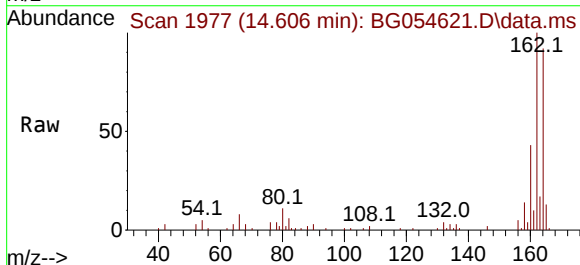
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-06

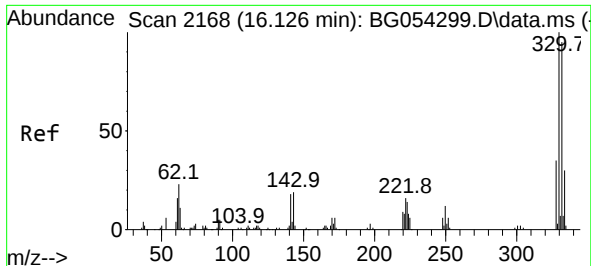
Tgt Ion: 82 Resp: 79864
Ion Ratio Lower Upper
82 100
128 42.4 27.9 41.9#
54 56.1 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.606 min Scan# 1977
Delta R.T. -0.001 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

Tgt Ion:164 Resp: 46842
Ion Ratio Lower Upper
164 100
162 108.8 82.3 123.5
160 46.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 104.808 ng

RT: 16.104 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054621.D

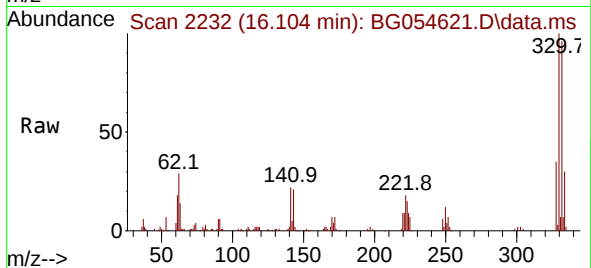
Acq: 12 Aug 2022 14:03

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-06



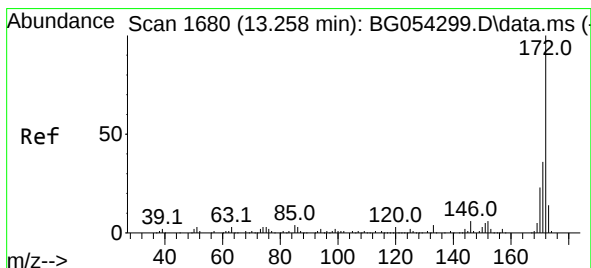
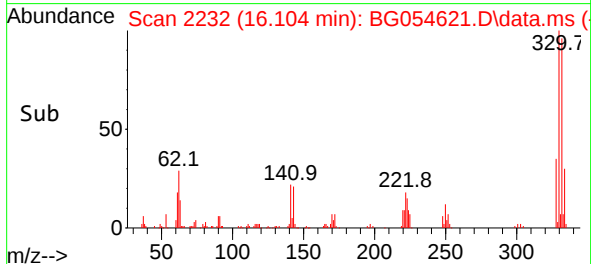
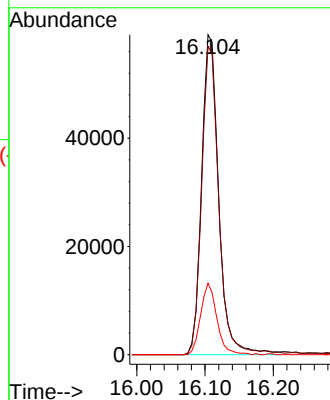
Tgt Ion:330 Resp: 103079

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 21.2 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 73.277 ng

RT: 13.225 min Scan# 1742

Delta R.T. -0.001 min

Lab File: BG054621.D

Acq: 12 Aug 2022 14:03

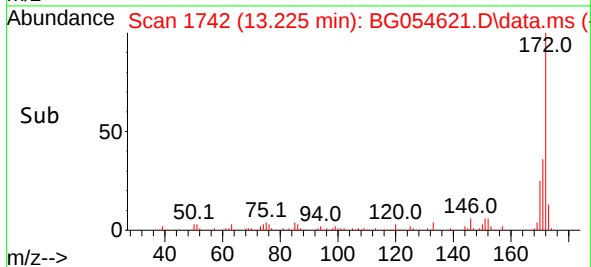
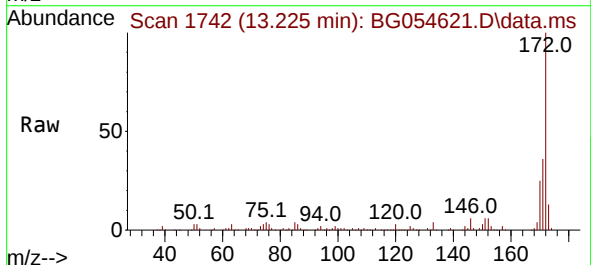
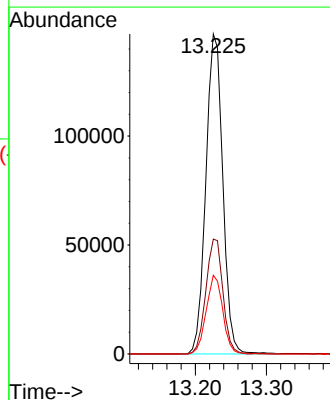
Tgt Ion:172 Resp: 243315

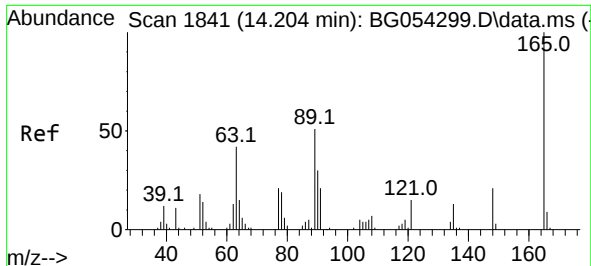
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.6 18.9 28.3

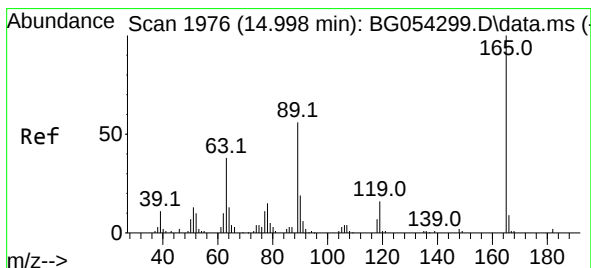
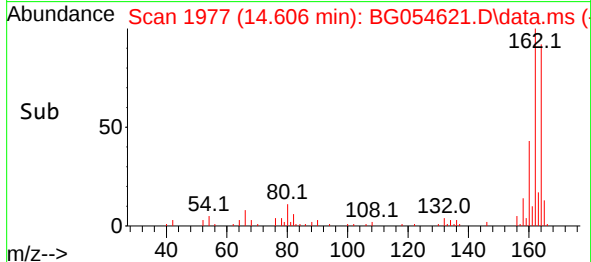
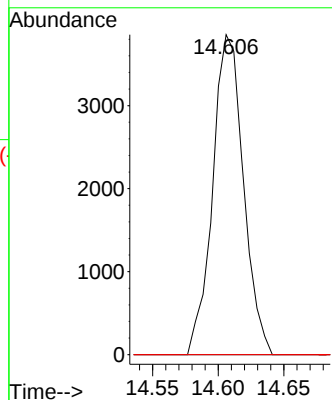
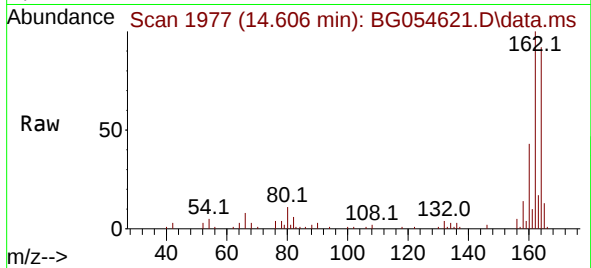




#51
2,6-Dinitrotoluene
Concen: 7.830 ng
RT: 14.606 min Scan# 1977
Delta R.T. 0.416 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

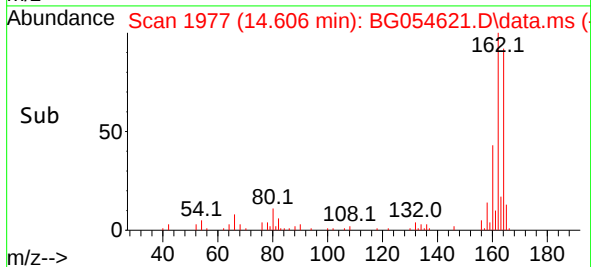
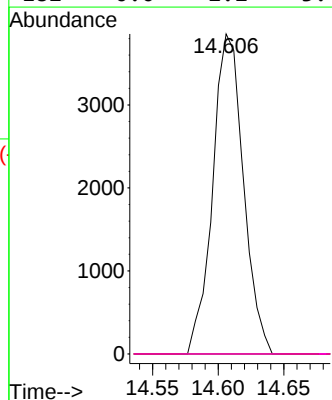
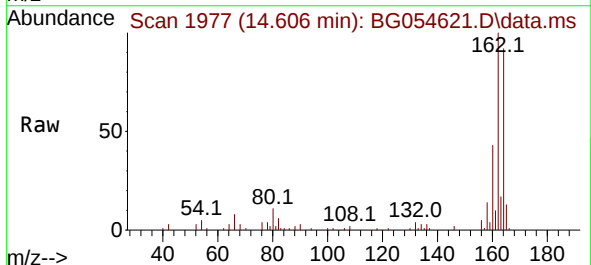
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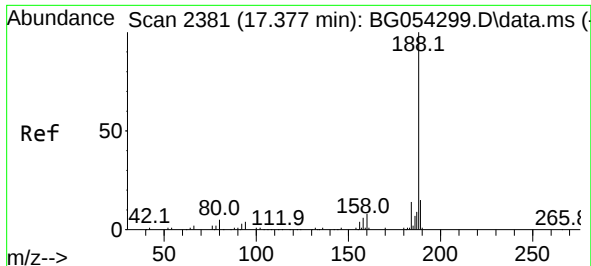
Tgt Ion:165 Resp: 6284
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.462 ng
RT: 14.606 min Scan# 1977
Delta R.T. -0.389 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

Tgt Ion:165 Resp: 6284
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#

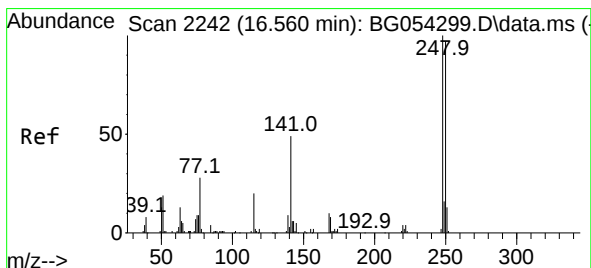
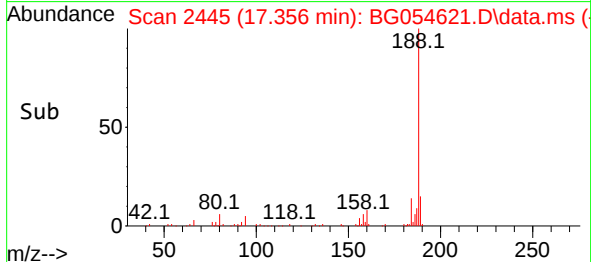
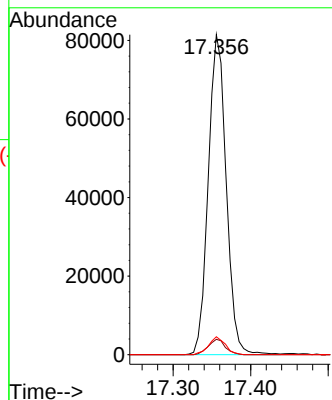
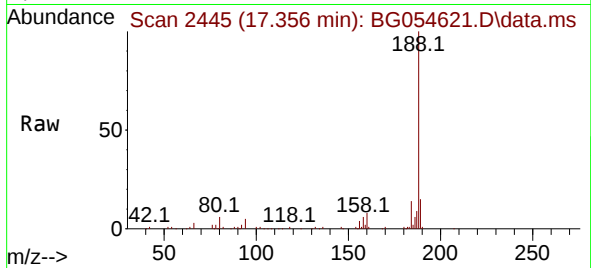




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

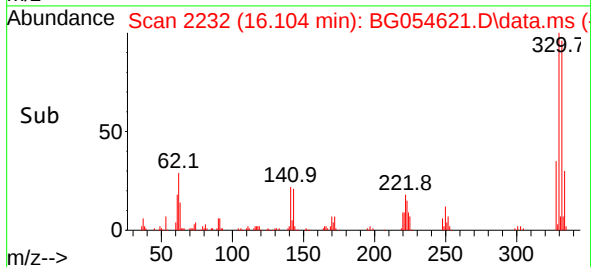
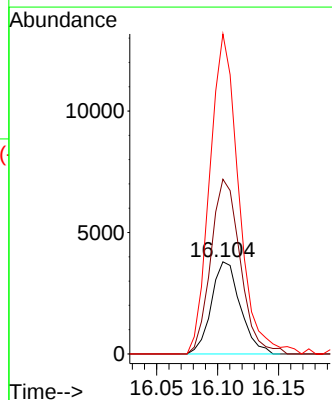
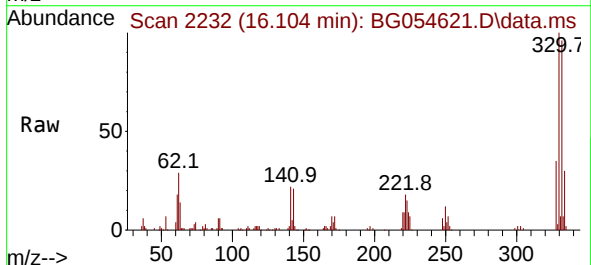
Instrument :
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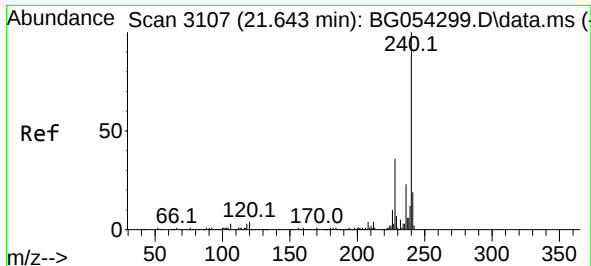
Tgt Ion:188 Resp: 130738
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.6 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.418 ng
RT: 16.104 min Scan# 2232
Delta R.T. -0.436 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

Tgt Ion:248 Resp: 6276
Ion Ratio Lower Upper
248 100
250 189.4 75.2 112.8#
141 346.9 50.0 75.0#

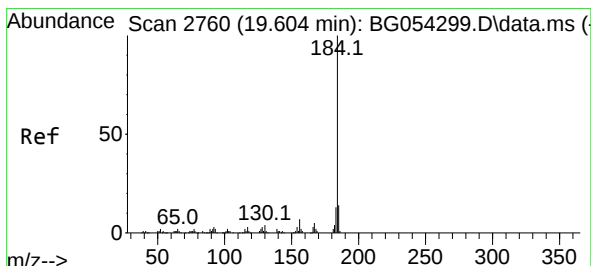
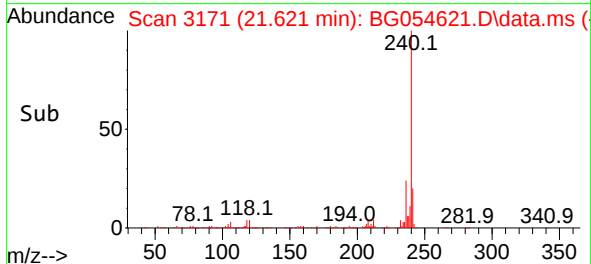
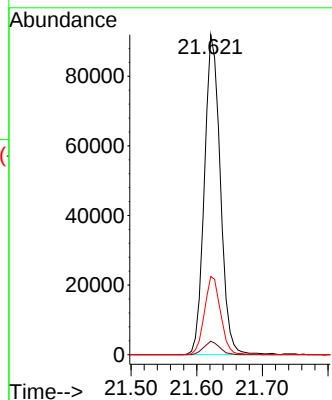
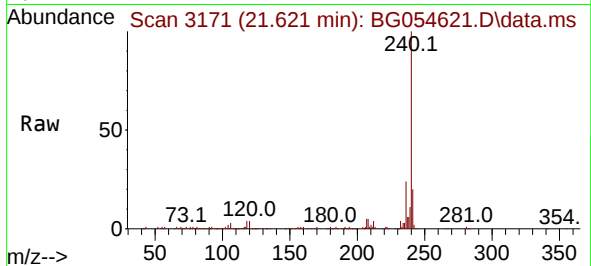




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

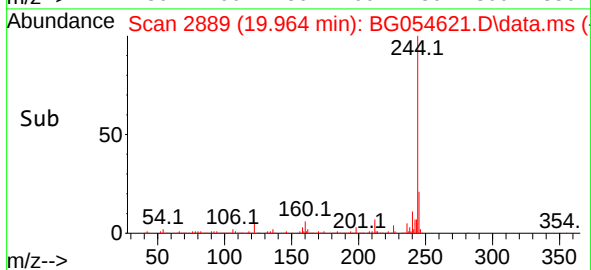
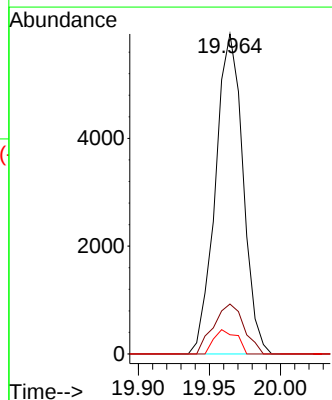
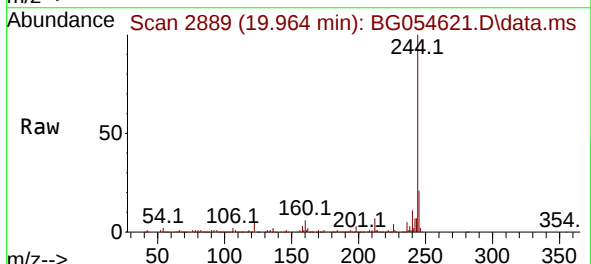
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-06

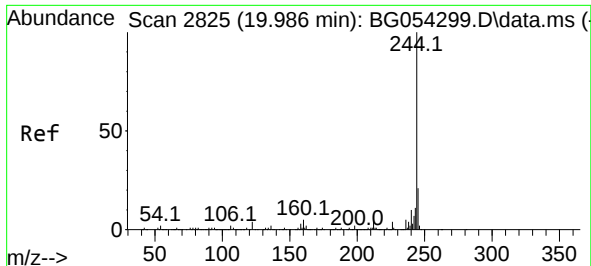
Tgt Ion:240 Resp: 155620
Ion Ratio Lower Upper
240 100
120 4.2 4.6 7.0#
236 24.5 20.2 30.4



#77
Benzidine
Concen: 2.840 ng
RT: 19.964 min Scan# 2889
Delta R.T. 0.375 min
Lab File: BG054621.D
Acq: 12 Aug 2022 14:03

Tgt Ion:184 Resp: 8004
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 6.0 8.9 13.3#

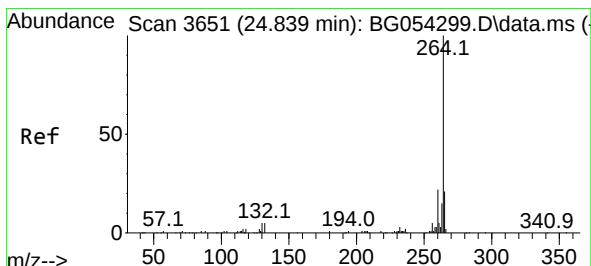
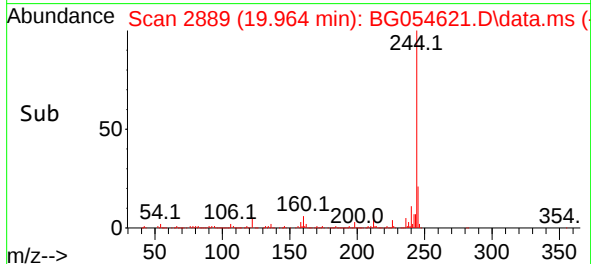
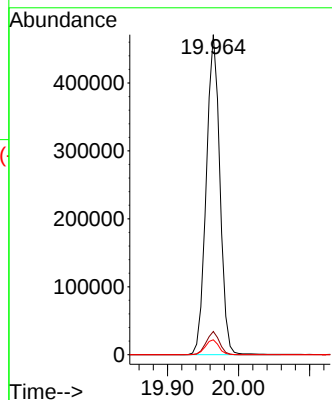
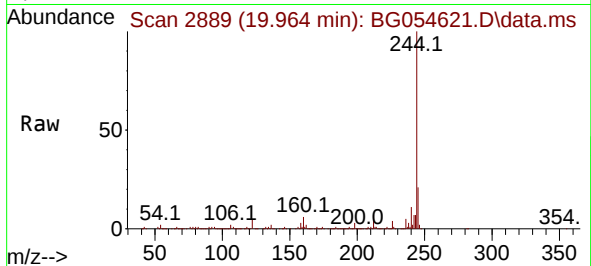




#79
 Terphenyl-d14
 Concen: 79.974 ng
 RT: 19.964 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054621.D
 Acq: 12 Aug 2022 14:03

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-06

Tgt Ion:244 Resp: 627356
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.7 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.823 min Scan# 3716
 Delta R.T. -0.001 min
 Lab File: BG054621.D
 Acq: 12 Aug 2022 14:03

Tgt Ion:264 Resp: 162698
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.6
 265 21.8 17.4 26.2

