

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054620.D
 Acq On : 12 Aug 2022 13:21
 Operator : CG/JU
 Sample : N4046-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-05

Quant Time: Aug 13 00:36:57 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)

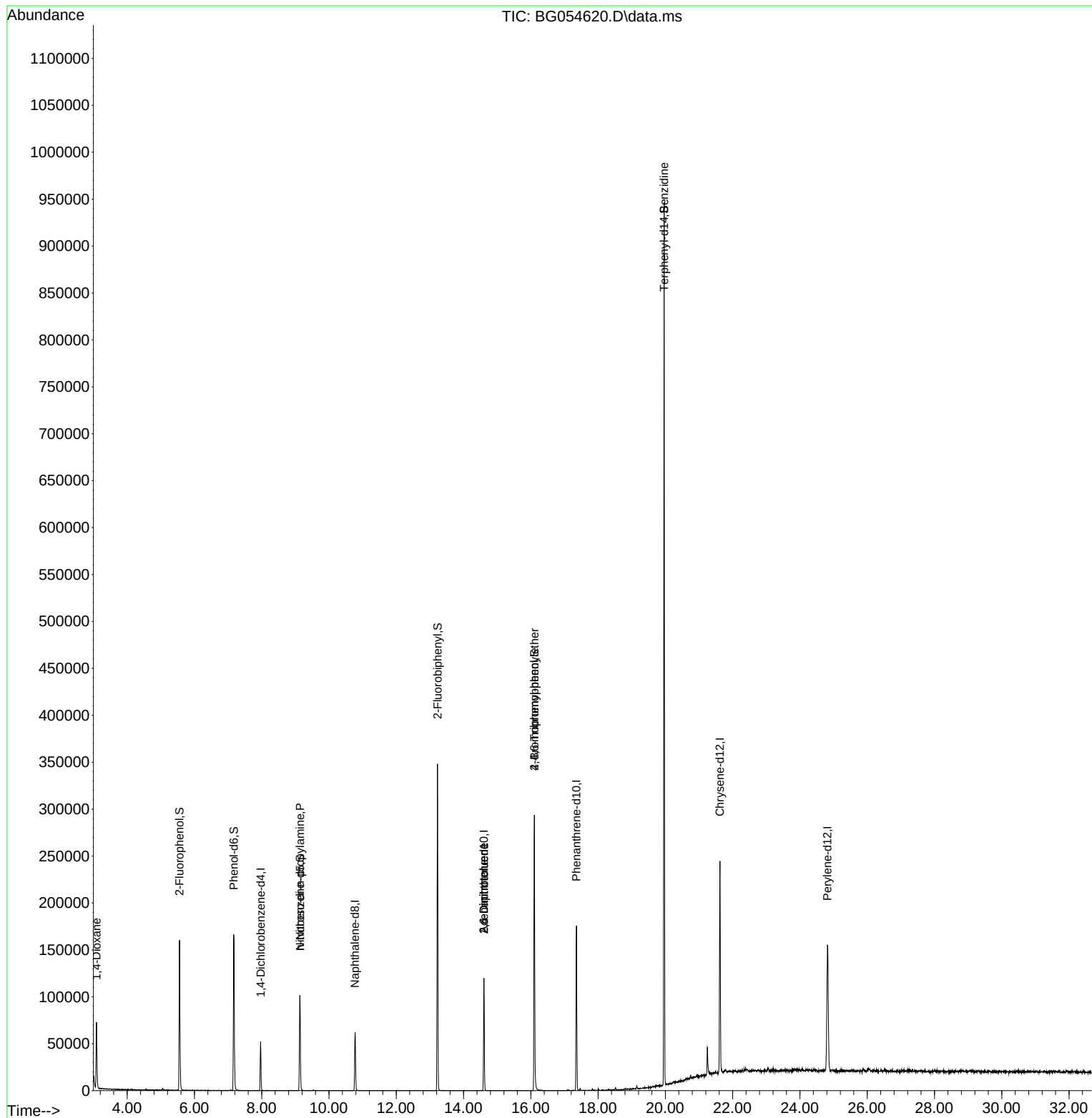
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	16263	20.000	ng	# 0.00
21) Naphthalene-d8	10.776	136	60380	20.000	ng	# 0.00
39) Acenaphthene-d10	14.607	164	46752	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	129635	20.000	ng	# 0.00
76) Chrysene-d12	21.622	240	162695	20.000	ng	# 0.00
86) Perylene-d12	24.818	264	169415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.559	112	76407	98.093	ng	0.00
7) Phenol-d6	7.168	99	101513	95.110	ng	0.00
23) Nitrobenzene-d5	9.137	82	67767	61.119	ng	0.00
42) 2,4,6-Tribromophenol	16.105	330	83085	84.641	ng	0.00
45) 2-Fluorobiphenyl	13.226	172	201543	60.814	ng	0.00
79) Terphenyl-d14	19.965	244	537028	65.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.091	88	781	2.520	ng	# 1
9) Benzaldehyde	7.168	77	53	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.137	70	9731	13.653	ng	# 77
51) 2,6-Dinitrotoluene	14.607	165	6368	7.950	ng	# 16
57) 2,4-Dinitrotoluene	14.607	165	6368	5.546	ng	# 21
67) 4-Bromophenyl-phenylether	16.105	248	4806	2.640	ng	# 1
77) Benizidine	19.959	184	6848	2.324	ng	# 90

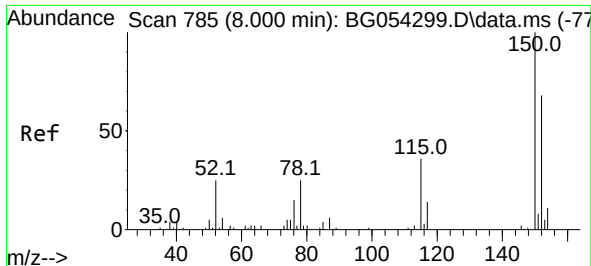
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
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Misc :
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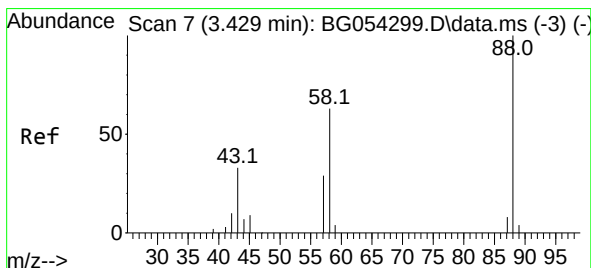
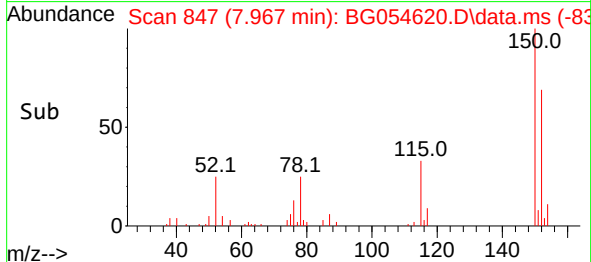
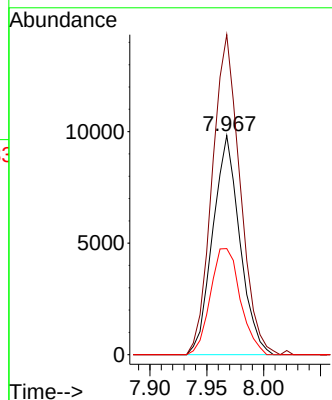
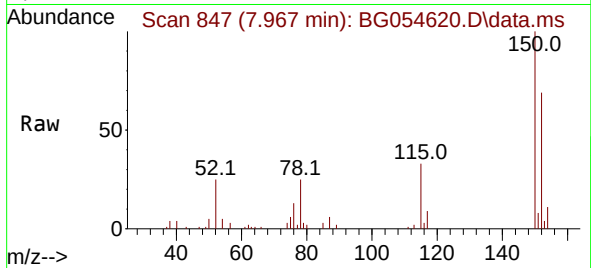




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.967 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG054620.D
 Acq: 12 Aug 2022 13:21

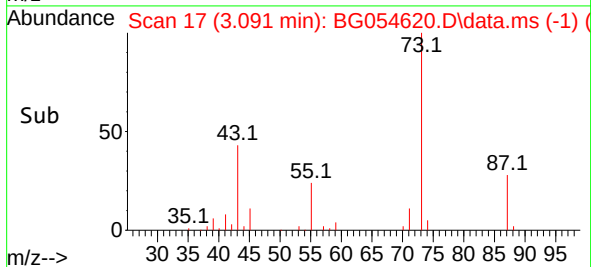
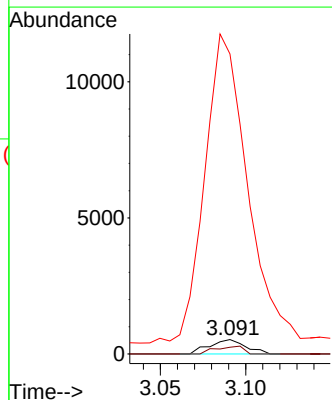
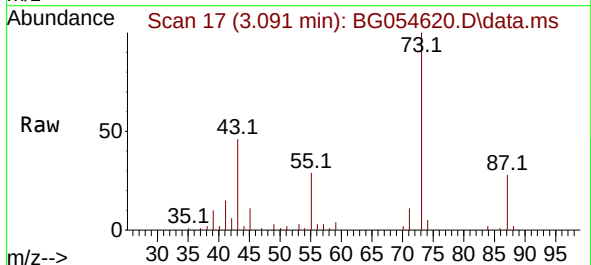
Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-05

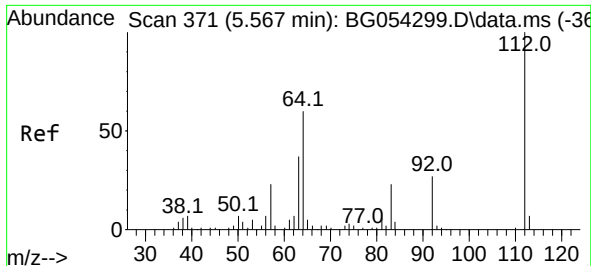
Tgt Ion:152 Resp: 16263
 Ion Ratio Lower Upper
 152 100
 150 146.0 131.6 197.4
 115 48.4 50.9 76.3#



#2
 1,4-Dioxane
 Concen: 2.520 ng
 RT: 3.091 min Scan# 17
 Delta R.T. -0.300 min
 Lab File: BG054620.D
 Acq: 12 Aug 2022 13:21

Tgt Ion: 88 Resp: 781
 Ion Ratio Lower Upper
 88 100
 58 41.2 59.2 88.8#
 43 2602.4 24.3 36.5#

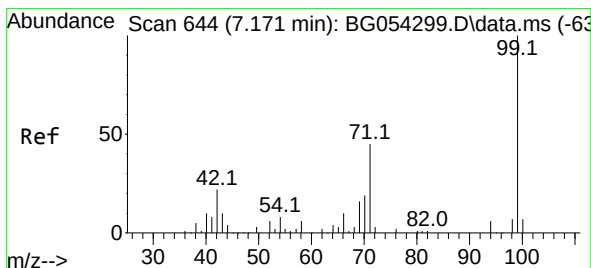
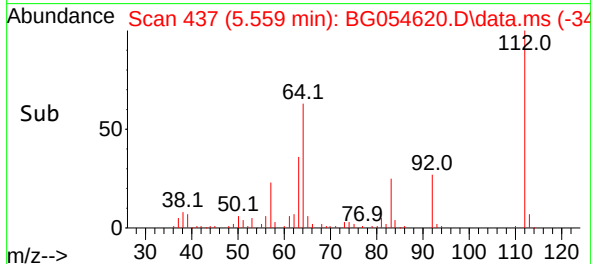
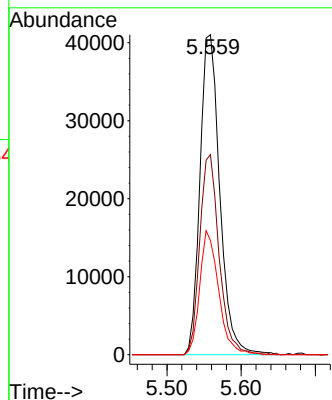
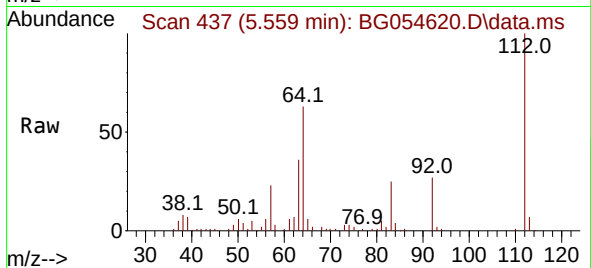




#5
2-Fluorophenol
Concen: 98.093 ng
RT: 5.559 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

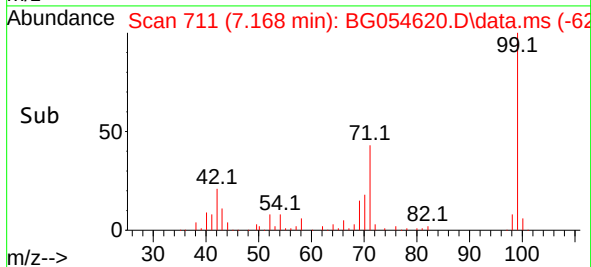
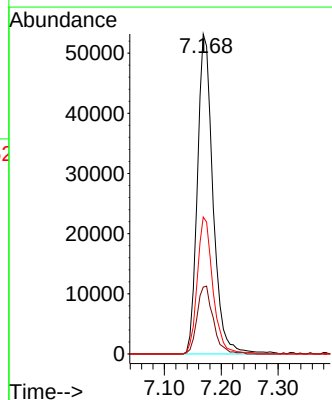
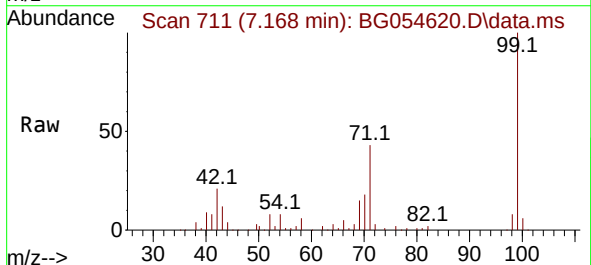
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-05

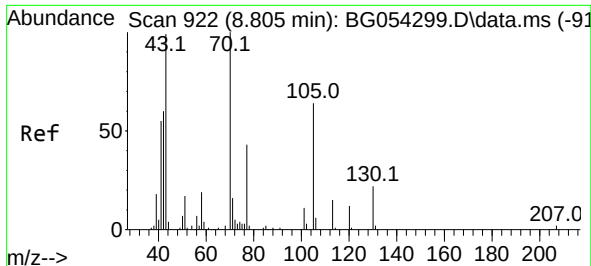
Tgt Ion:112 Resp: 76407
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 35.7 30.4 45.6



#7
Phenol-d6
Concen: 95.110 ng
RT: 7.168 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

Tgt Ion: 99 Resp: 101513
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.8 33.8 50.8

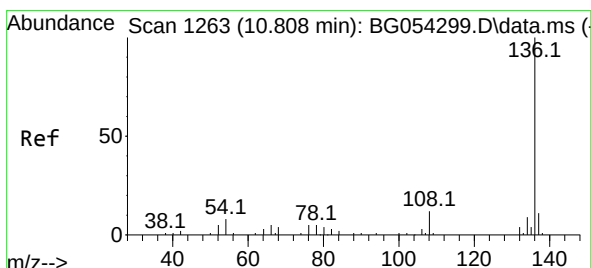
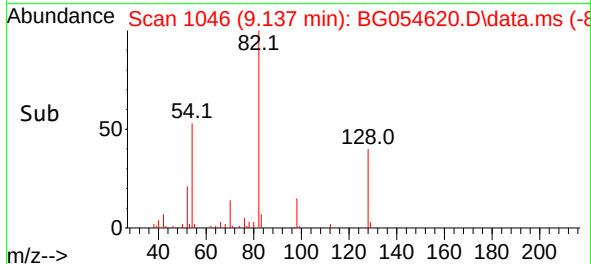
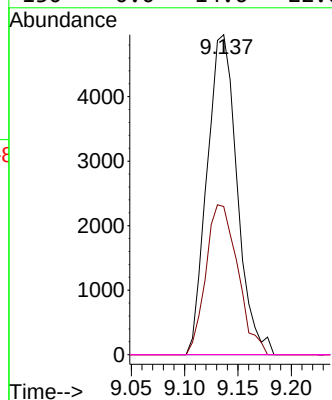
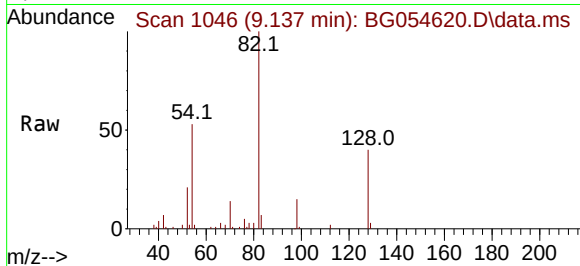




#19
n-Nitroso-di-n-propylamine
Concen: 13.653 ng
RT: 9.137 min Scan# 1046
Delta R.T. 0.358 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

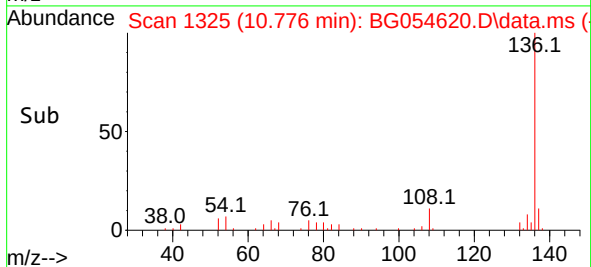
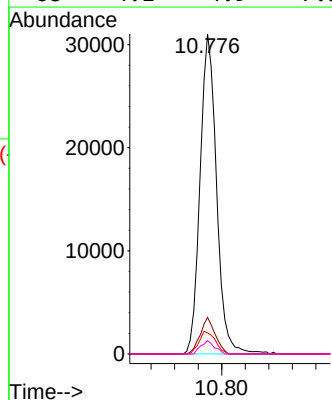
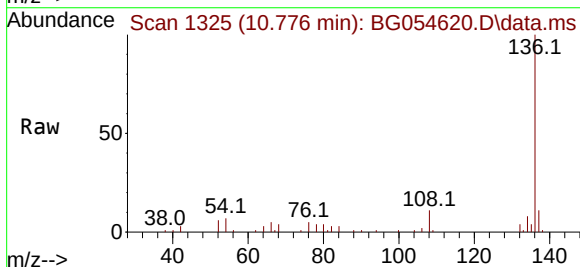
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-05

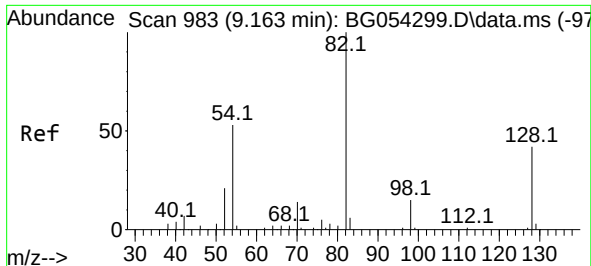
Tgt Ion: 70 Resp: 9731
Ion Ratio Lower Upper
70 100
42 46.3 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.776 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

Tgt Ion: 136 Resp: 60380
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.6 7.4 11.2#
68 4.1 4.9 7.3#

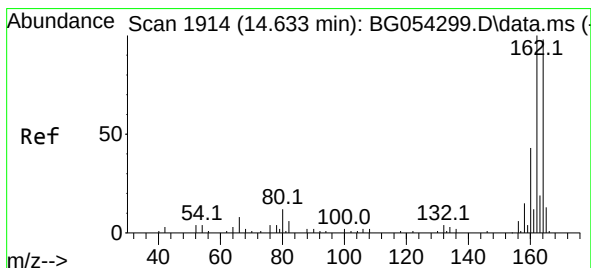
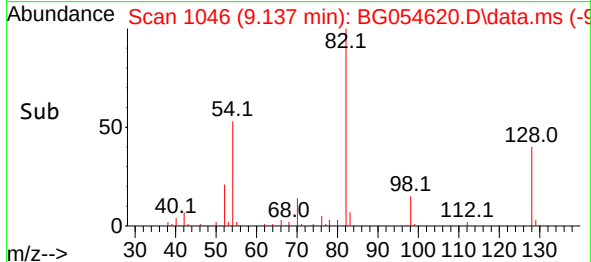
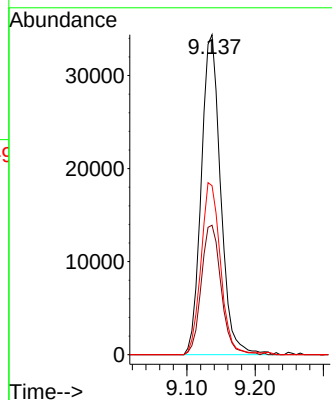
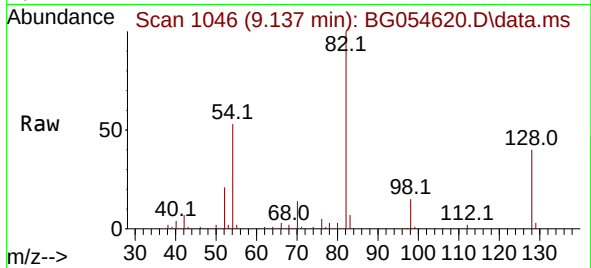




#23
 Nitrobenzene-d5
 Concen: 61.119 ng
 RT: 9.137 min Scan# 1046
 Delta R.T. -0.001 min
 Lab File: BG054620.D
 Acq: 12 Aug 2022 13:21

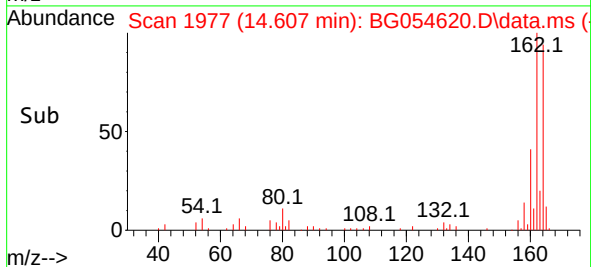
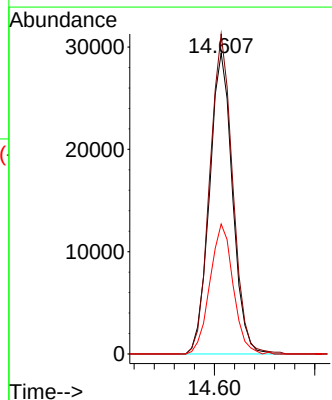
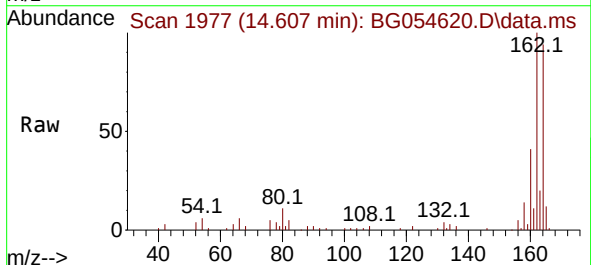
Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-05

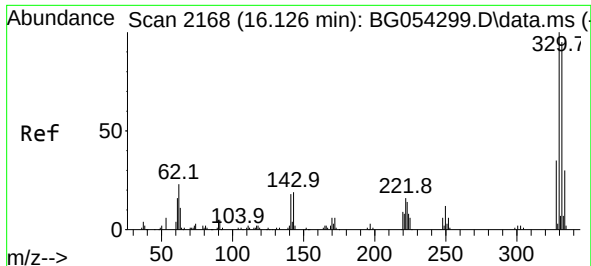
Tgt Ion: 82 Resp: 67767
 Ion Ratio Lower Upper
 82 100
 128 40.5 27.9 41.9
 54 52.8 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.607 min Scan# 1977
 Delta R.T. -0.001 min
 Lab File: BG054620.D
 Acq: 12 Aug 2022 13:21

Tgt Ion:164 Resp: 46752
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.3 123.5
 160 43.1 34.2 51.2

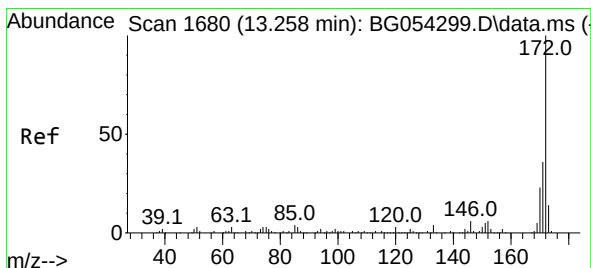
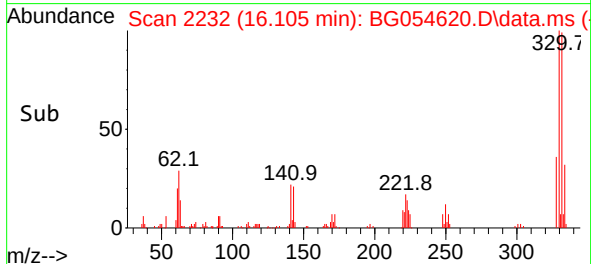
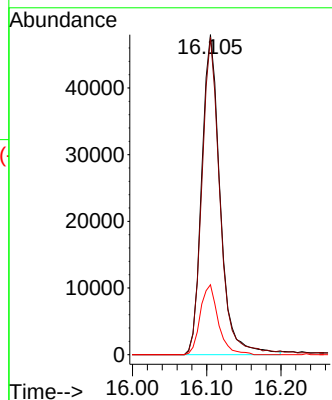
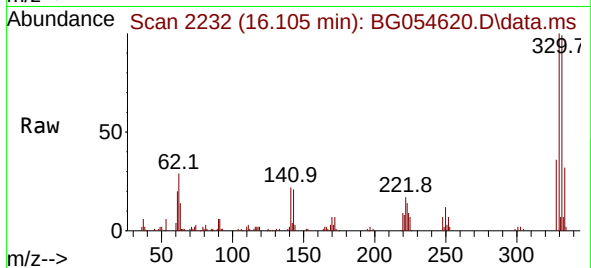




#42
2,4,6-Tribromophenol
Concen: 84.641 ng
RT: 16.105 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

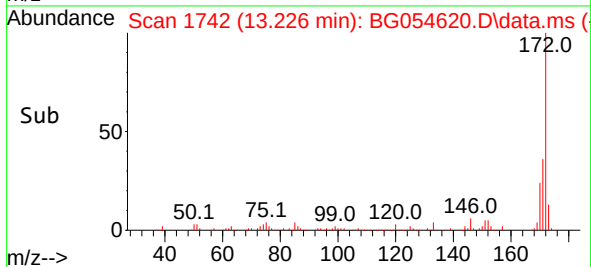
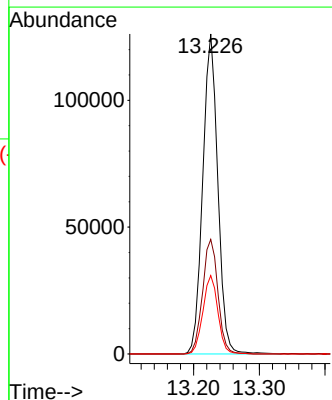
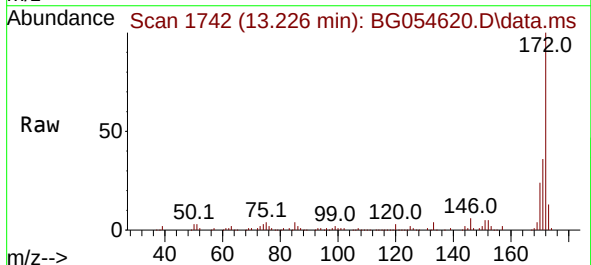
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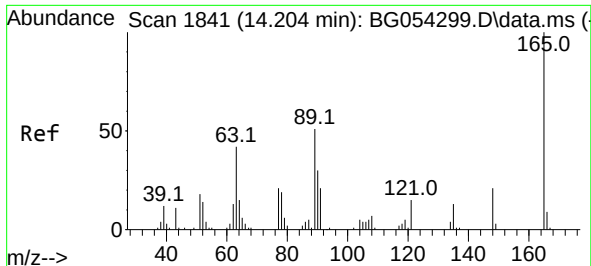
Tgt Ion:330 Resp: 83085
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 21.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 60.814 ng
RT: 13.226 min Scan# 1742
Delta R.T. -0.001 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

Tgt Ion:172 Resp: 201543
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.5 18.9 28.3

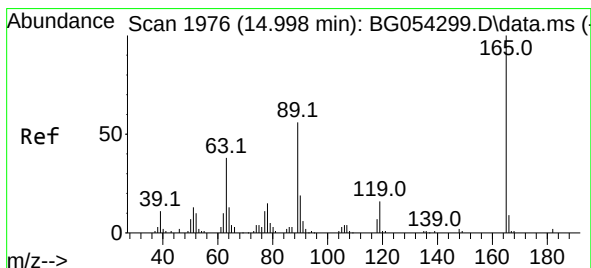
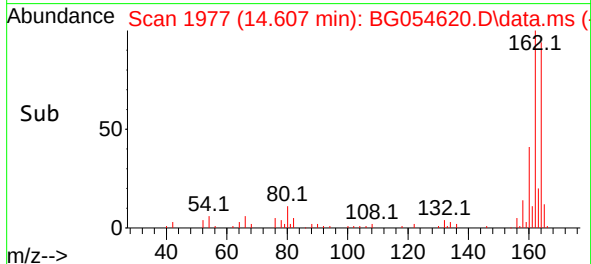
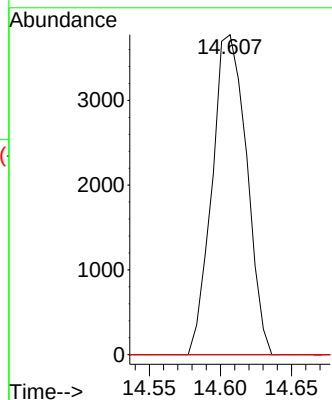
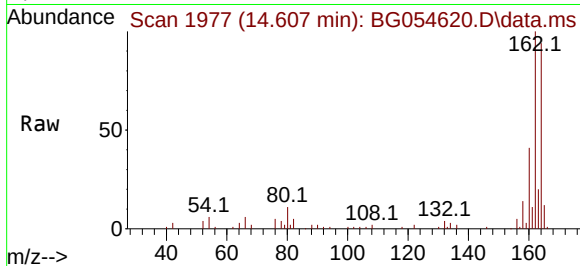




#51
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 14.607 min Scan# 1977
Delta R.T. 0.417 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

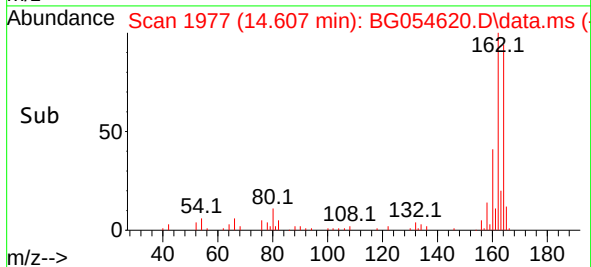
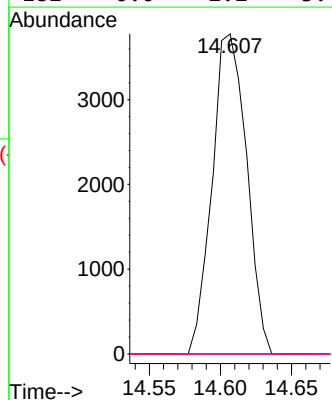
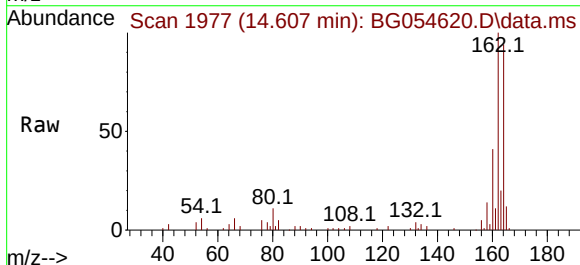
Instrument :
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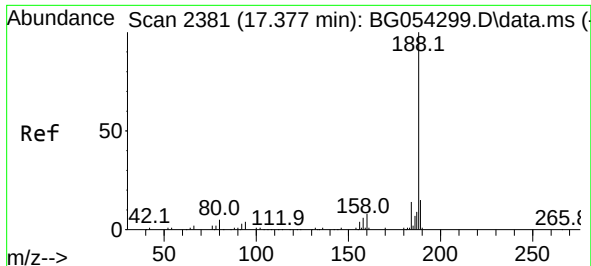
Tgt Ion:165 Resp: 6368
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.546 ng
RT: 14.607 min Scan# 1977
Delta R.T. -0.388 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

Tgt Ion:165 Resp: 6368
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#

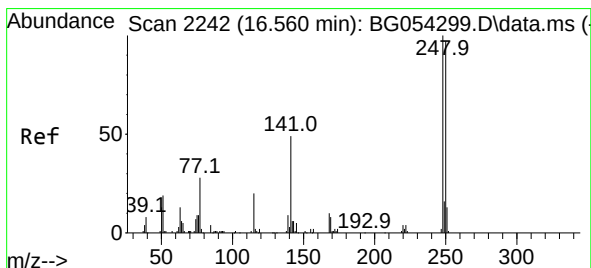
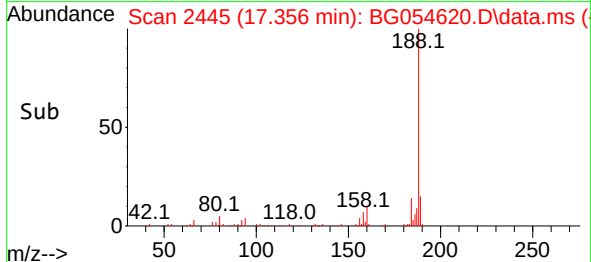
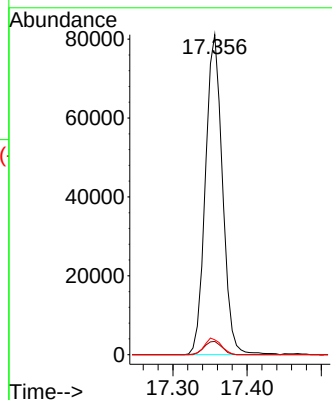
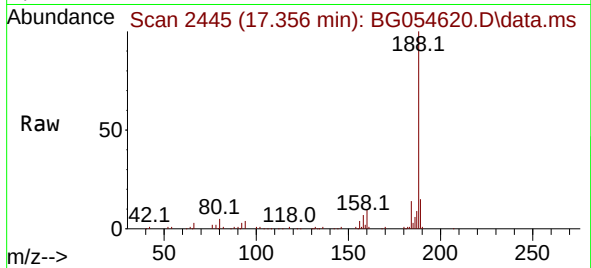




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

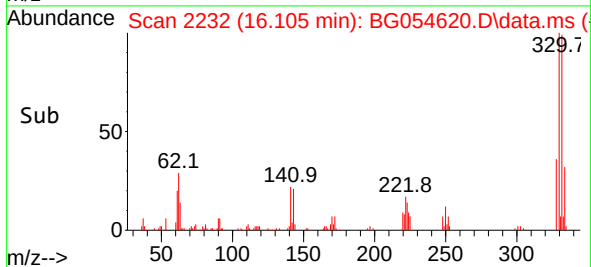
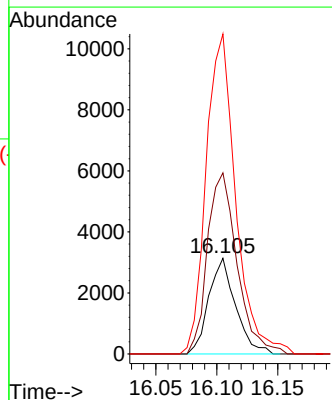
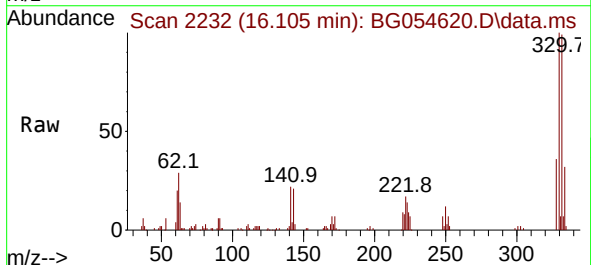
Instrument :
BNA_G
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BEACONPOINT-BACKFILL-05

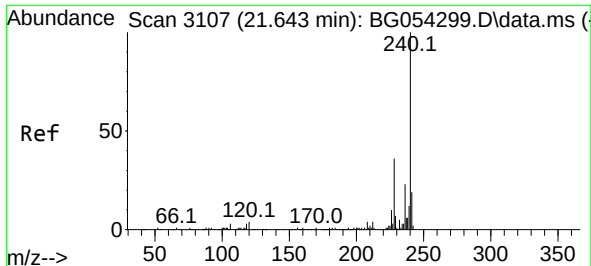
Tgt Ion:188 Resp: 129635
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.7 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 2.640 ng
RT: 16.105 min Scan# 2232
Delta R.T. -0.435 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

Tgt Ion:248 Resp: 4806
Ion Ratio Lower Upper
248 100
250 189.3 75.2 112.8#
141 334.4 50.0 75.0#

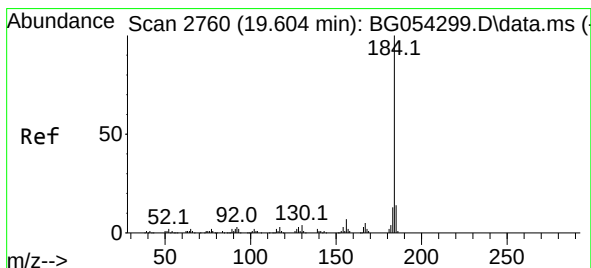
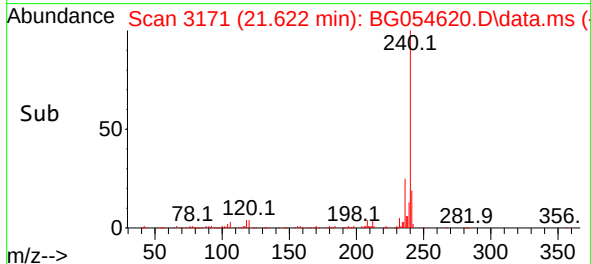
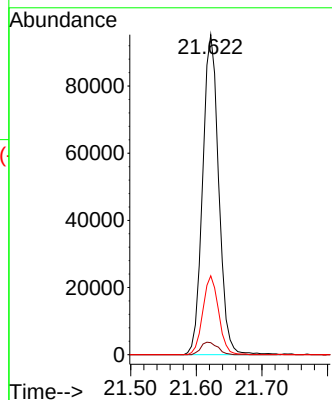
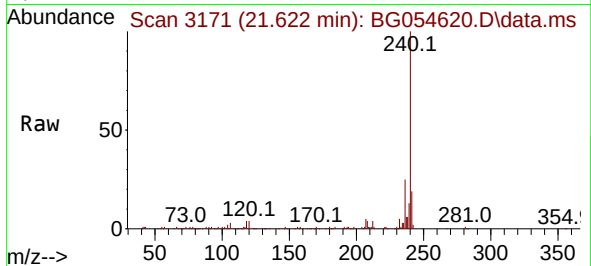




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

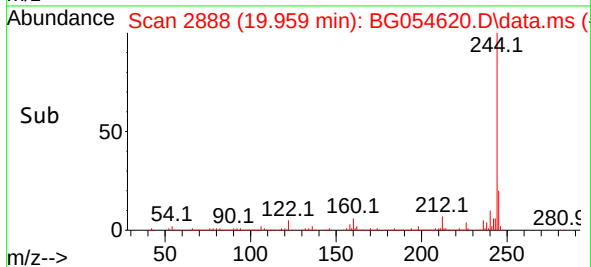
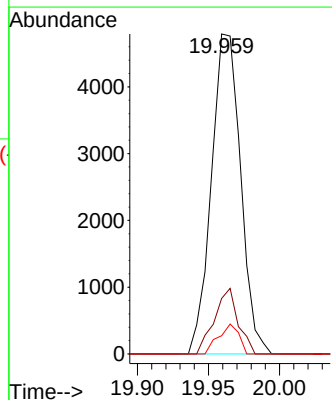
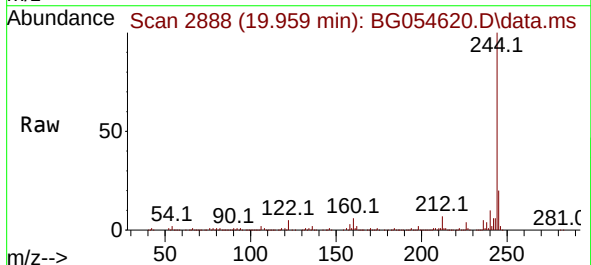
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-05

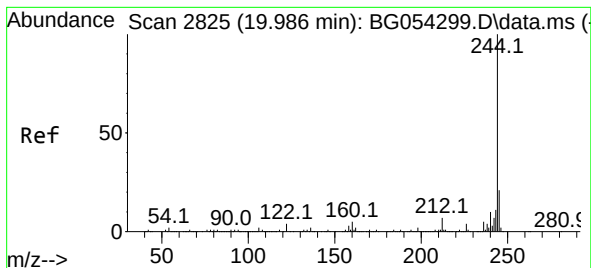
Tgt Ion:240 Resp: 162695
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.7 20.2 30.4



#77
Benzidine
Concen: 2.324 ng
RT: 19.959 min Scan# 2888
Delta R.T. 0.370 min
Lab File: BG054620.D
Acq: 12 Aug 2022 13:21

Tgt Ion:184 Resp: 6848
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.6
183 5.7 8.9 13.3#





#79

Terphenyl-d14

Concen: 65.482 ng

RT: 19.965 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054620.D

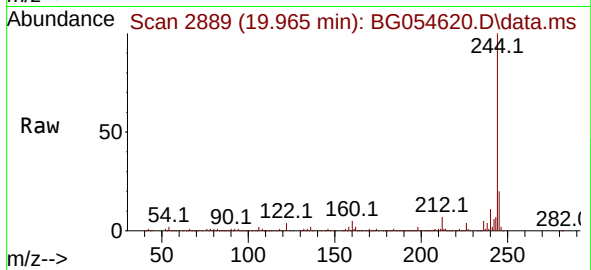
Acq: 12 Aug 2022 13:21

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-05



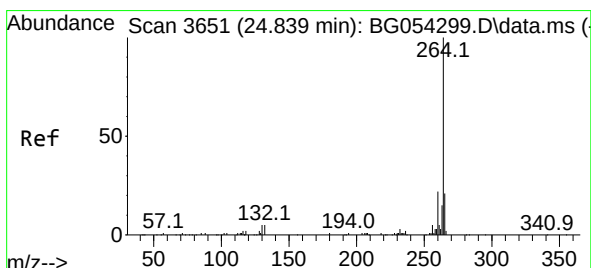
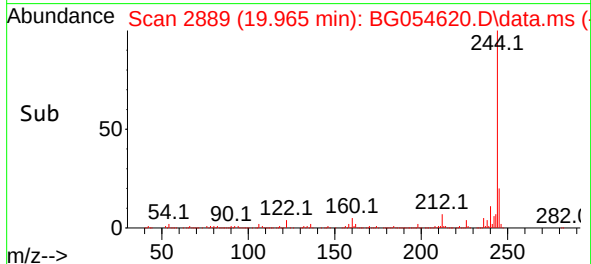
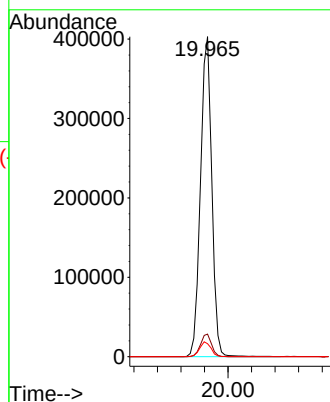
Tgt Ion:244 Resp: 537028

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 4.0 5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.818 min Scan# 3715

Delta R.T. -0.006 min

Lab File: BG054620.D

Acq: 12 Aug 2022 13:21

Tgt Ion:264 Resp: 169415

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.6

265 22.4 17.4 26.2

