

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054617.D
 Acq On : 12 Aug 2022 11:18
 Operator : CG/JU
 Sample : N4046-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-07

Quant Time: Aug 13 00:35:40 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)

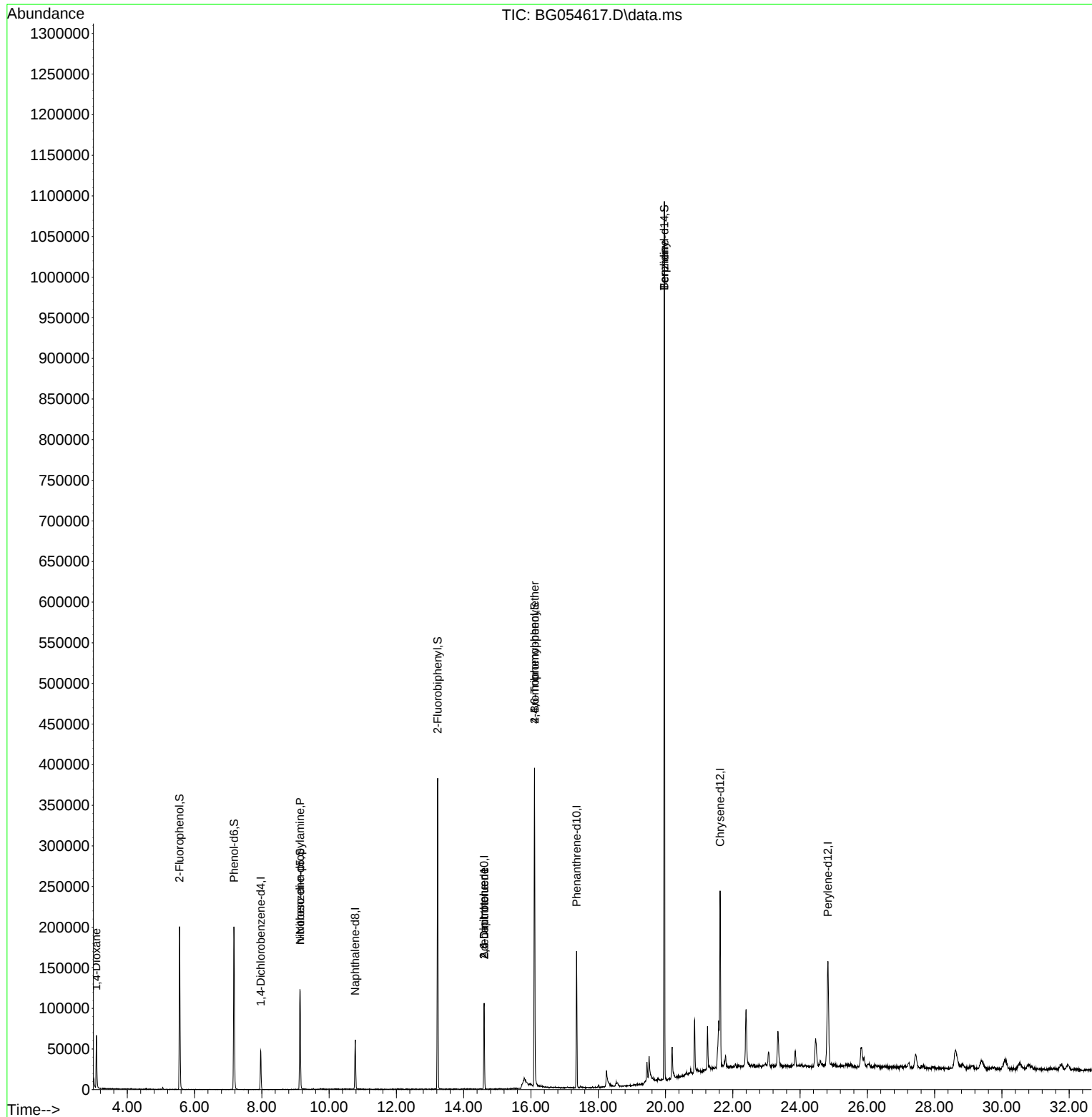
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	15440	20.000	ng	# 0.00
21) Naphthalene-d8	10.778	136	54832	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	43536	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	121722	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	151596	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	160144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	90839	122.838	ng	0.00
7) Phenol-d6	7.171	99	118678	117.120	ng	0.00
23) Nitrobenzene-d5	9.133	82	78792	78.253	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	108443	118.634	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	226350	73.344	ng	0.00
79) Terphenyl-d14	19.968	244	614996	80.479	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.082	88	610	2.073	ng	# 1
9) Benzaldehyde	7.171	77	115	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.133	70	11234	16.602	ng	# 83
51) 2,6-Dinitrotoluene	14.609	165	5897	7.906	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	5897	5.515	ng	# 21
67) 4-Bromophenyl-phenylether	16.107	248	6601	3.861	ng	# 1
77) Benizidine	19.968	184	8127	2.960	ng	# 91

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

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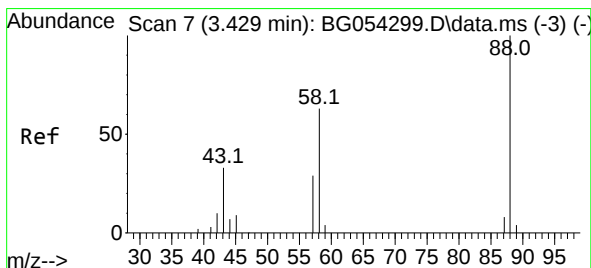
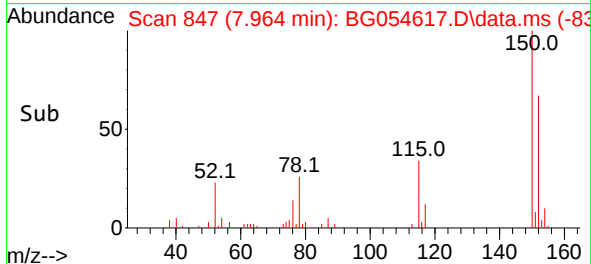
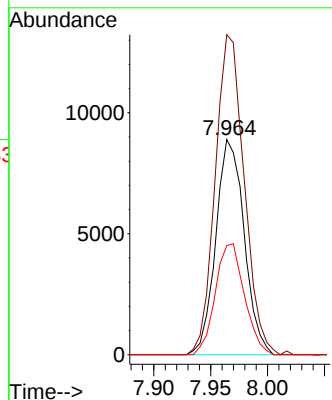
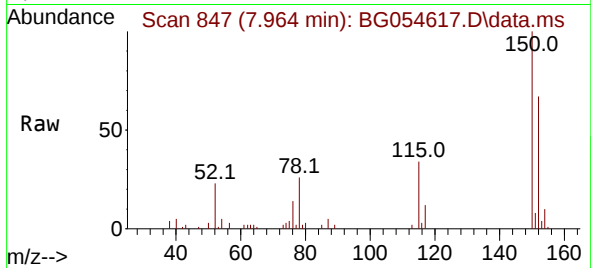




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.964 min Scan# 84
 Delta R.T. -0.004 min
 Lab File: BG054617.D
 Acq: 12 Aug 2022 11:18

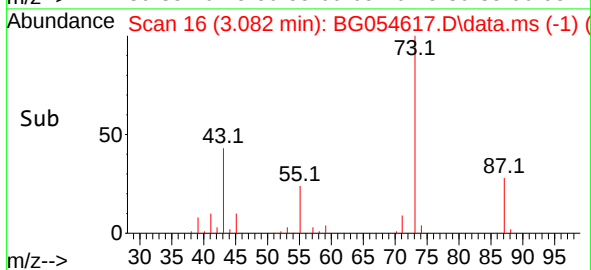
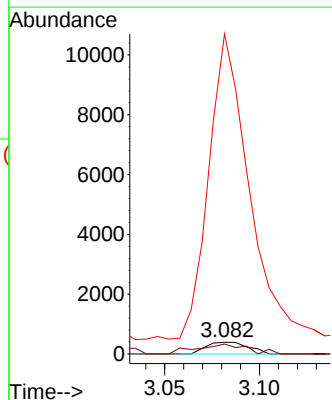
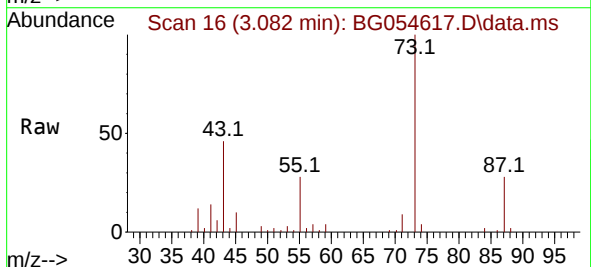
Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-07

Tgt Ion:152 Resp: 15440
 Ion Ratio Lower Upper
 152 100
 150 148.7 131.6 197.4
 115 50.7 50.9 76.3#



#2
 1,4-Dioxane
 Concen: 2.073 ng
 RT: 3.082 min Scan# 16
 Delta R.T. -0.309 min
 Lab File: BG054617.D
 Acq: 12 Aug 2022 11:18

Tgt Ion: 88 Resp: 610
 Ion Ratio Lower Upper
 88 100
 58 101.0 59.2 88.8#
 43 2546.4 24.3 36.5#

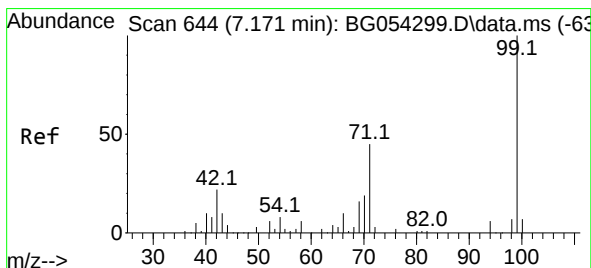
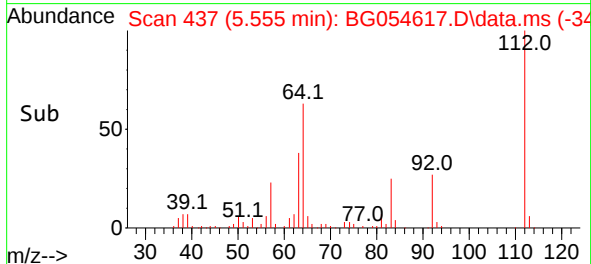
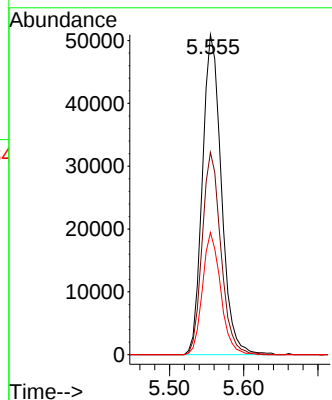
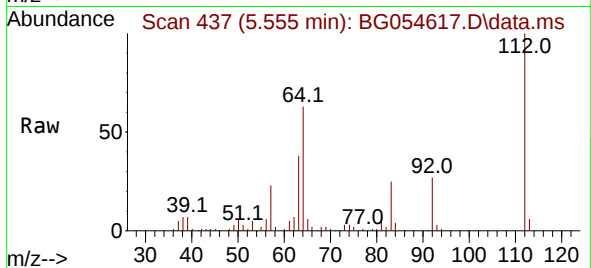




#5
2-Fluorophenol
Concen: 122.838 ng
RT: 5.555 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

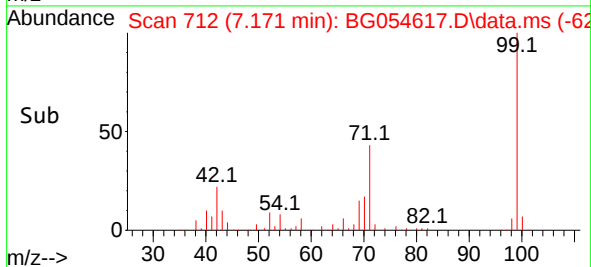
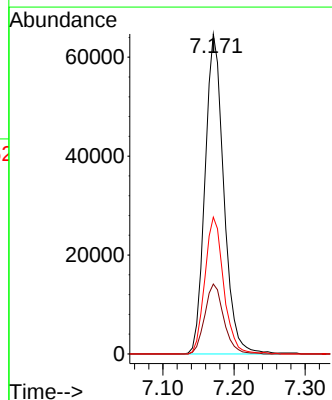
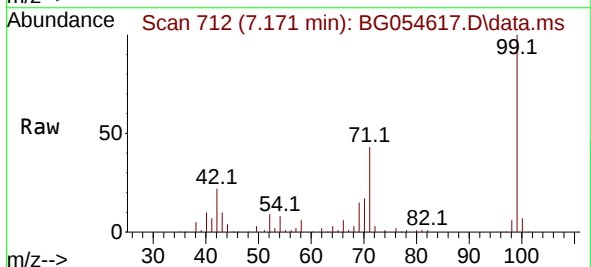
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-07

Tgt Ion:112 Resp: 90839
Ion Ratio Lower Upper
112 100
64 63.2 55.1 82.7
63 38.1 30.4 45.6



#7
Phenol-d6
Concen: 117.120 ng
RT: 7.171 min Scan# 712
Delta R.T. 0.002 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

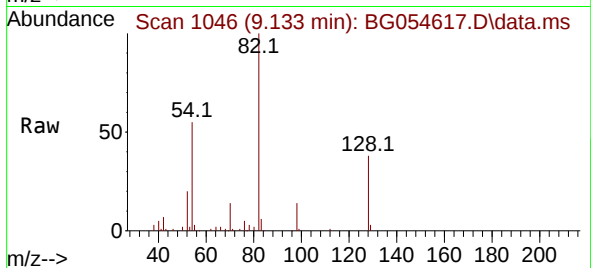
Tgt Ion: 99 Resp: 118678
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 42.7 33.8 50.8



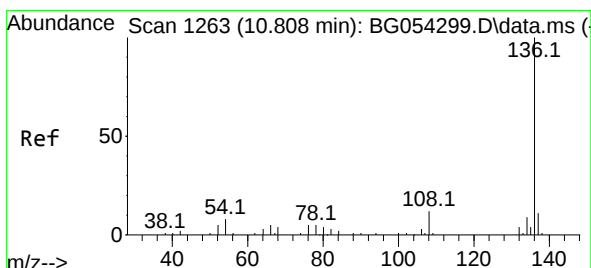
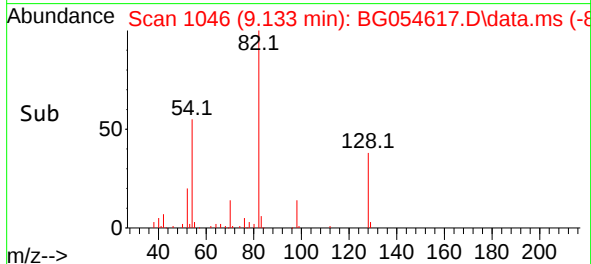
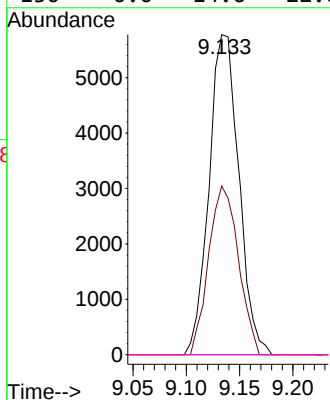


#19
n-Nitroso-di-n-propylamine
Concen: 16.602 ng
RT: 9.133 min Scan# 1046
Delta R.T. 0.354 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-07

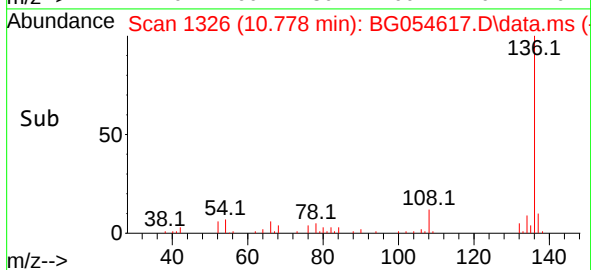
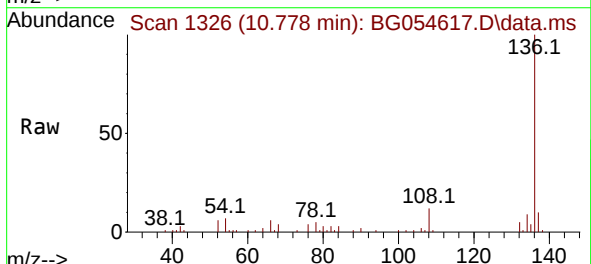
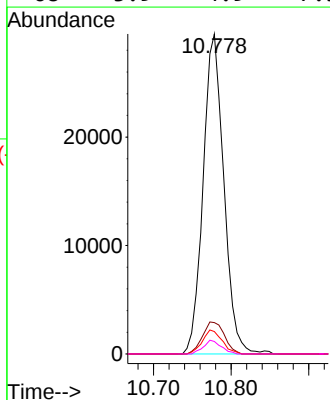


Tgt Ion: 70	Resp: 11234
Ion Ratio	Lower Upper
70 100	
42 52.7	47.3 70.9
101 0.0	7.0 10.4#
130 0.0	14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. 0.002 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

Tgt	Ion:136	Resp:	54832
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.5	12.7
54	7.0	7.4	11.2#
68	3.9	4.9	7.3#

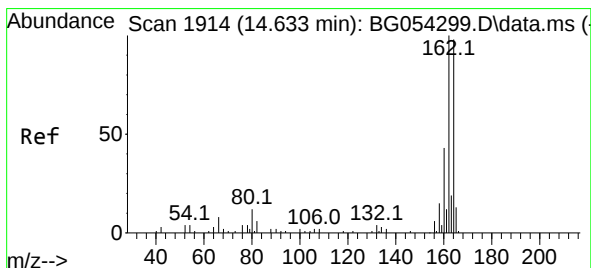
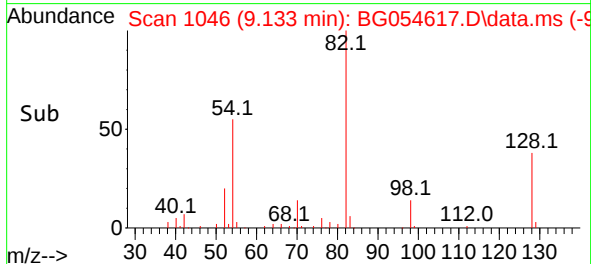
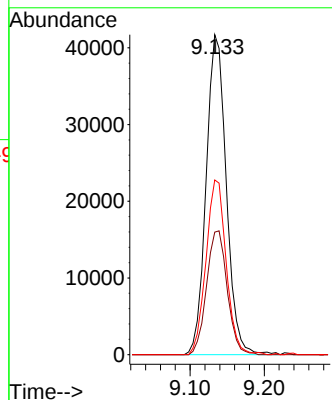
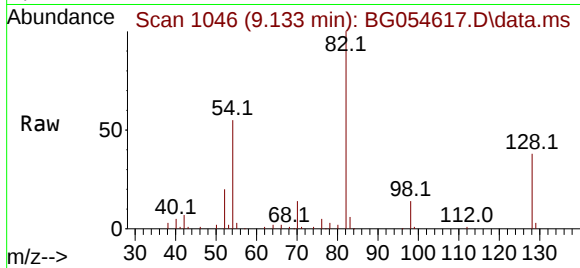




#23
Nitrobenzene-d5
Concen: 78.253 ng
RT: 9.133 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

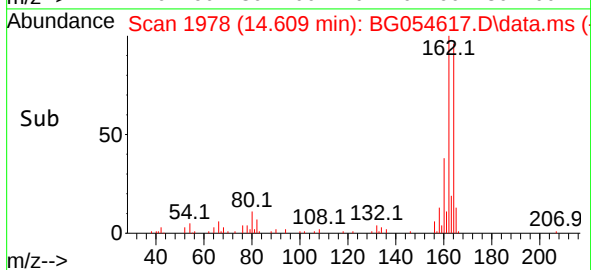
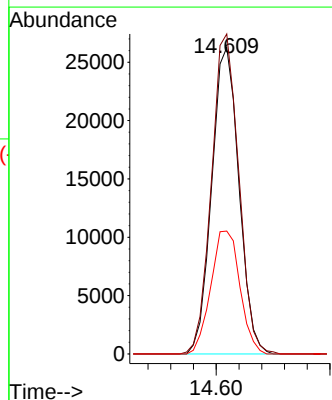
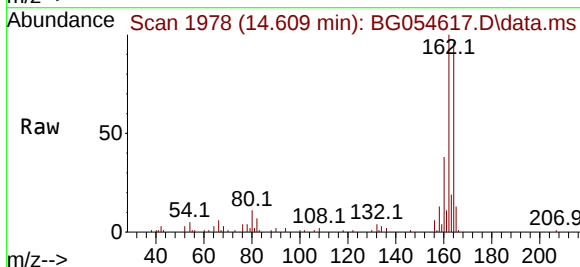
Instrument :
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ClientSampleId :
BEACONPOINT-BACKFILL-07

Tgt Ion: 82 Resp: 78792
Ion Ratio Lower Upper
82 100
128 38.3 27.9 41.9
54 54.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.002 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

Tgt Ion:164 Resp: 43536
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 40.1 34.2 51.2

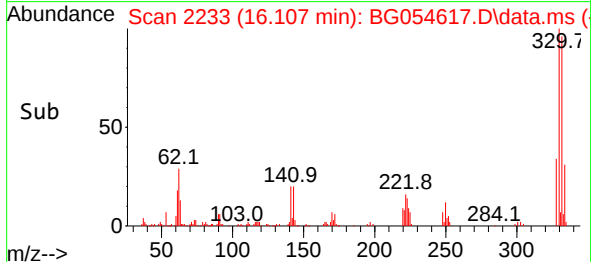
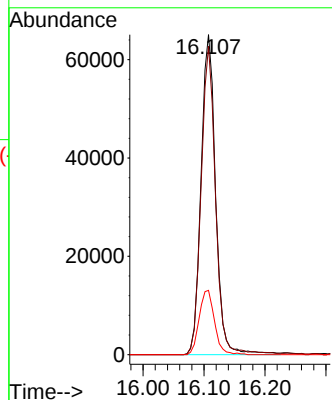
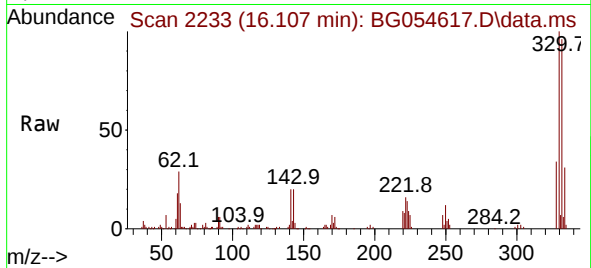




#42
2,4,6-Tribromophenol
Concen: 118.634 ng
RT: 16.107 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

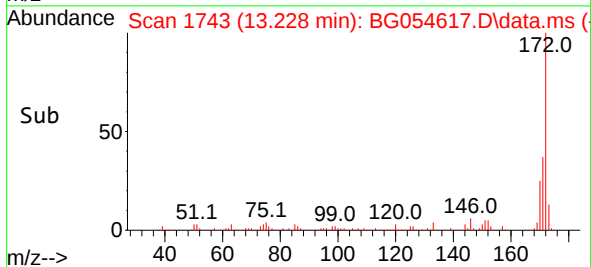
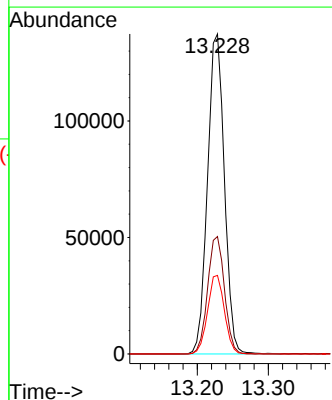
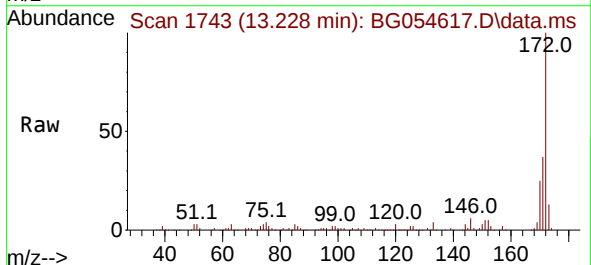
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-07

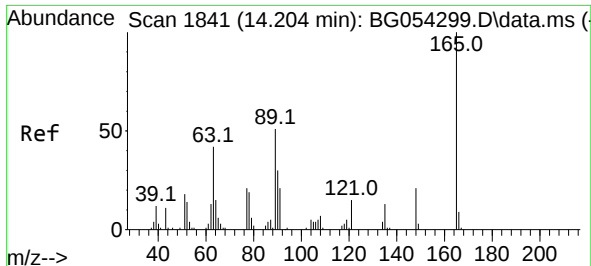
Tgt Ion:330 Resp: 108443
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 21.1 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 73.344 ng
RT: 13.228 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

Tgt Ion:172 Resp: 226350
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.6 18.9 28.3

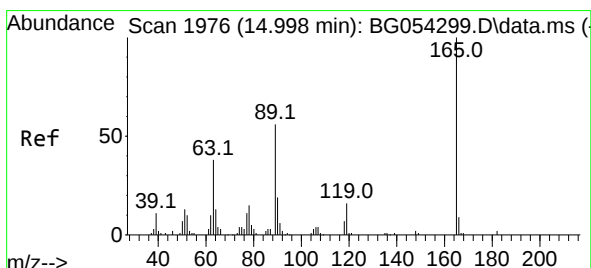
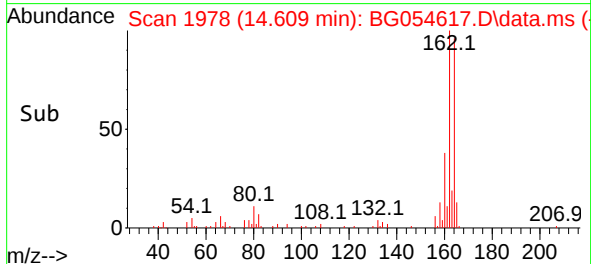
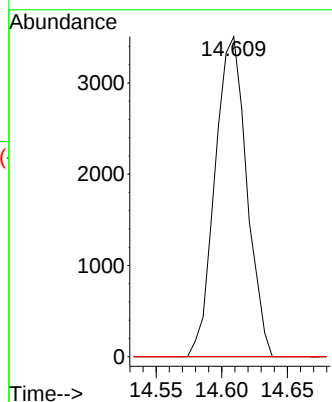
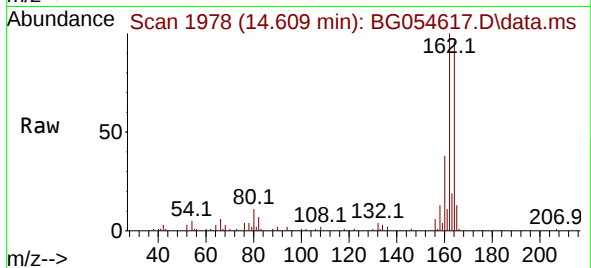




#51
2,6-Dinitrotoluene
Concen: 7.906 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.419 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

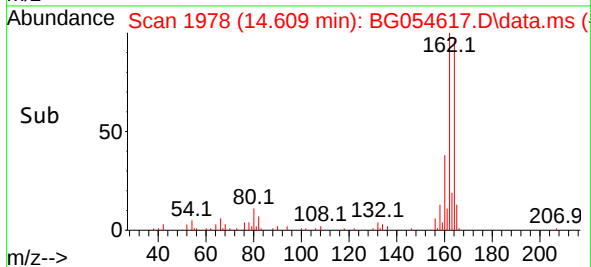
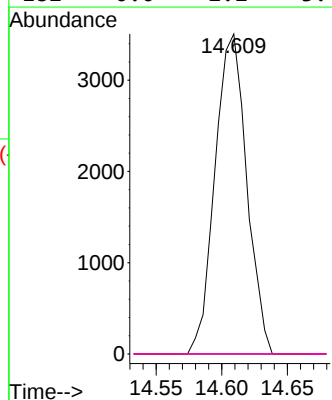
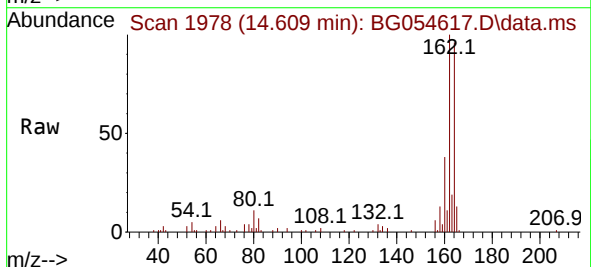
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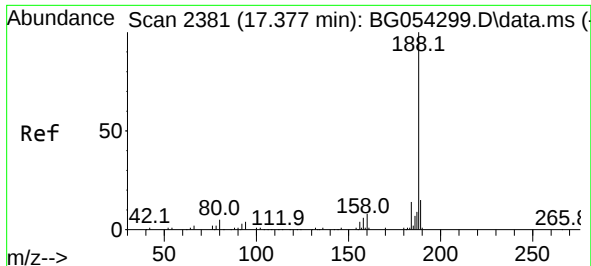
Tgt Ion:165 Resp: 5897
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.515 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.386 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

Tgt Ion:165 Resp: 5897
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#

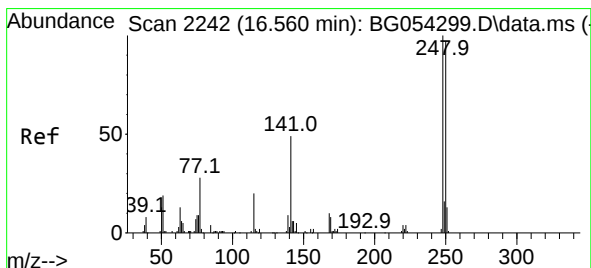
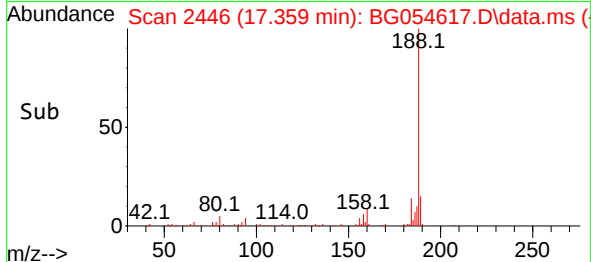
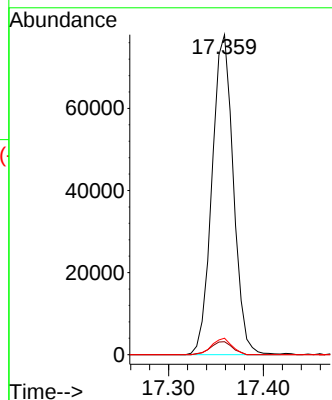
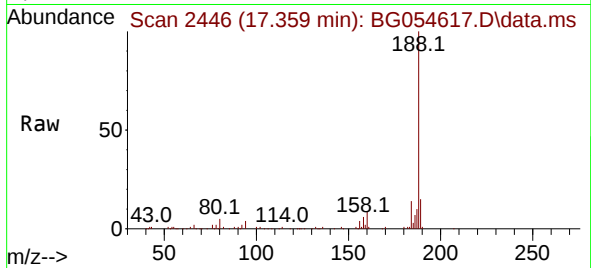




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

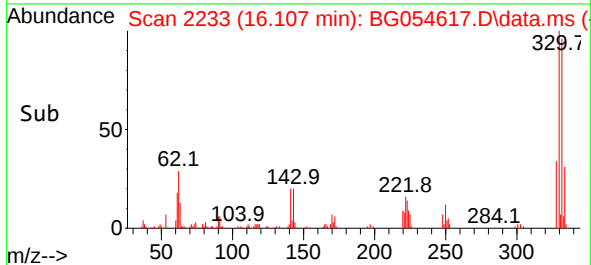
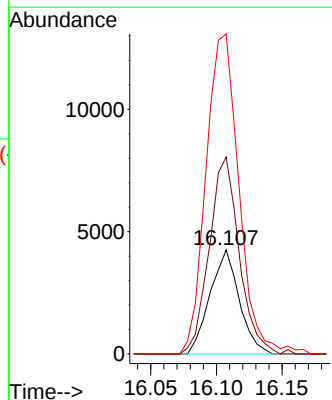
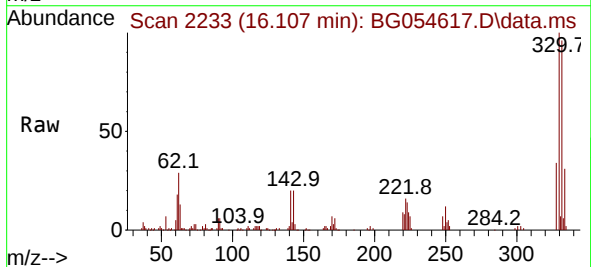
Instrument :
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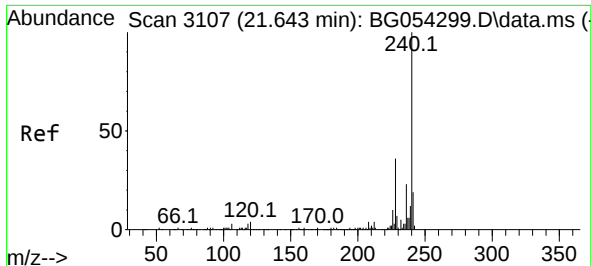
Tgt Ion:188 Resp: 121722
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 5.1 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.861 ng
RT: 16.107 min Scan# 2233
Delta R.T. -0.433 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

Tgt Ion:248 Resp: 6601
Ion Ratio Lower Upper
248 100
250 189.3 75.2 112.8#
141 307.5 50.0 75.0#

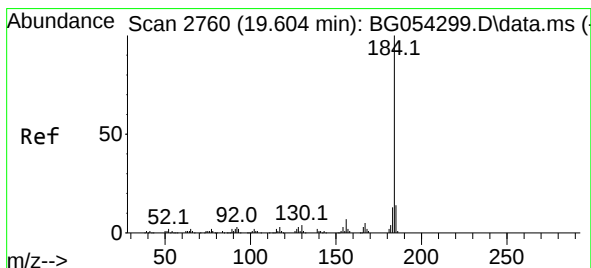
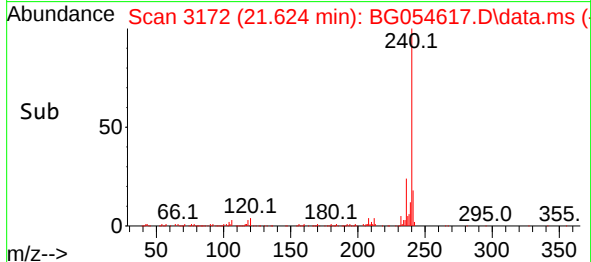
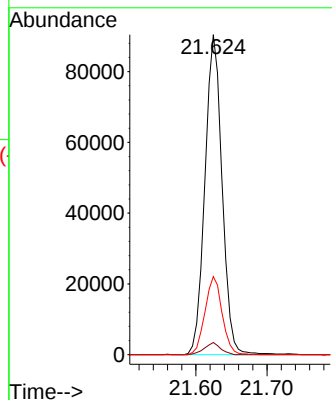
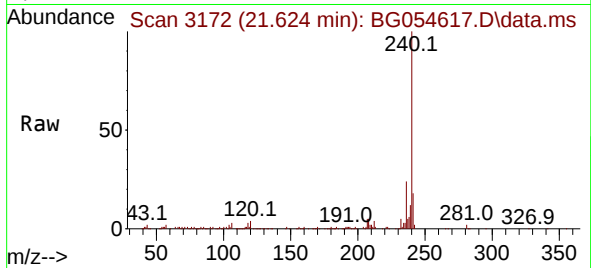




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

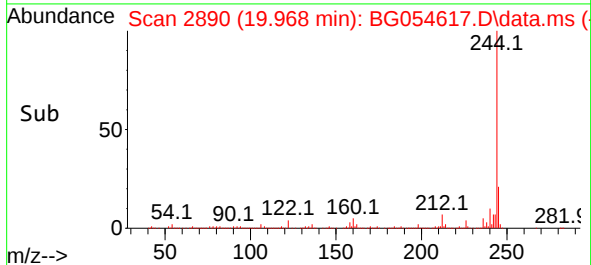
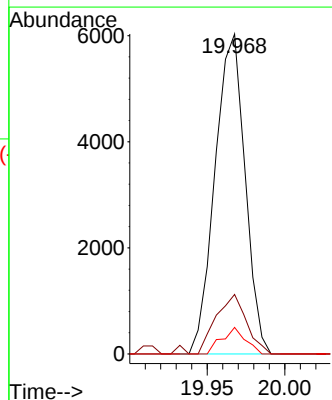
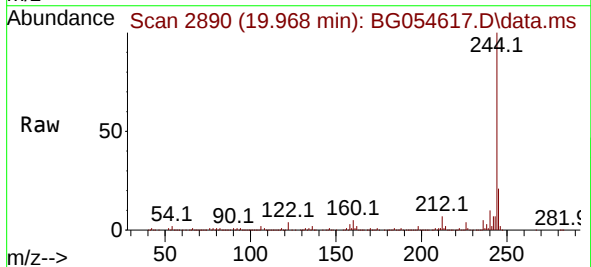
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-07

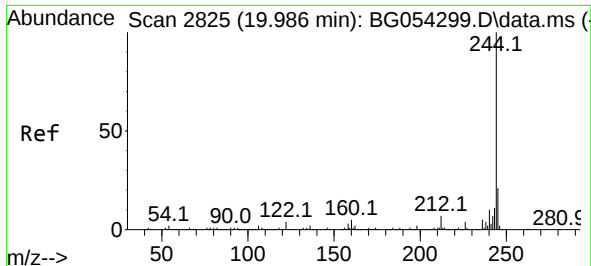
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Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 24.4 20.2 30.4



#77
Benzidine
Concen: 2.960 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.378 min
Lab File: BG054617.D
Acq: 12 Aug 2022 11:18

Tgt Ion:184 Resp: 8127
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 8.3 8.9 13.3#

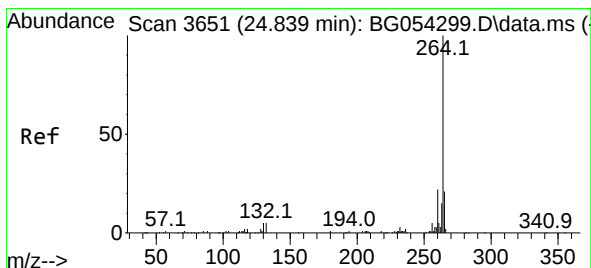
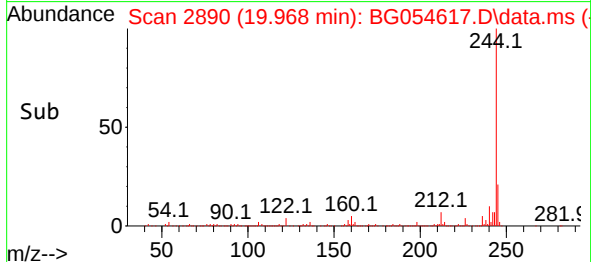
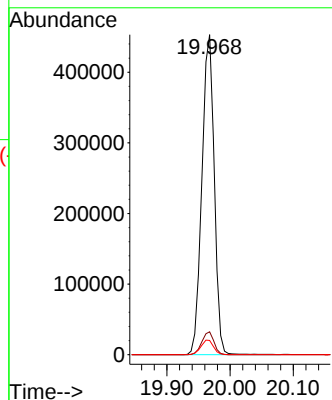
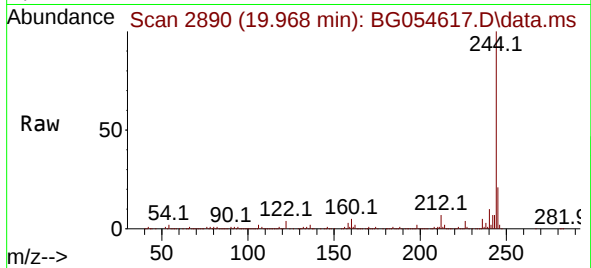




#79
 Terphenyl-d14
 Concen: 80.479 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054617.D
 Acq: 12 Aug 2022 11:18

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-07

Tgt Ion:244 Resp: 614996
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.5 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. 0.002 min
 Lab File: BG054617.D
 Acq: 12 Aug 2022 11:18

Tgt Ion:264 Resp: 160144
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.5 17.4 26.2

