

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054625.D
 Acq On : 12 Aug 2022 16:50
 Operator : CG/JU
 Sample : N4046-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-10

Quant Time: Aug 13 00:39:19 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)

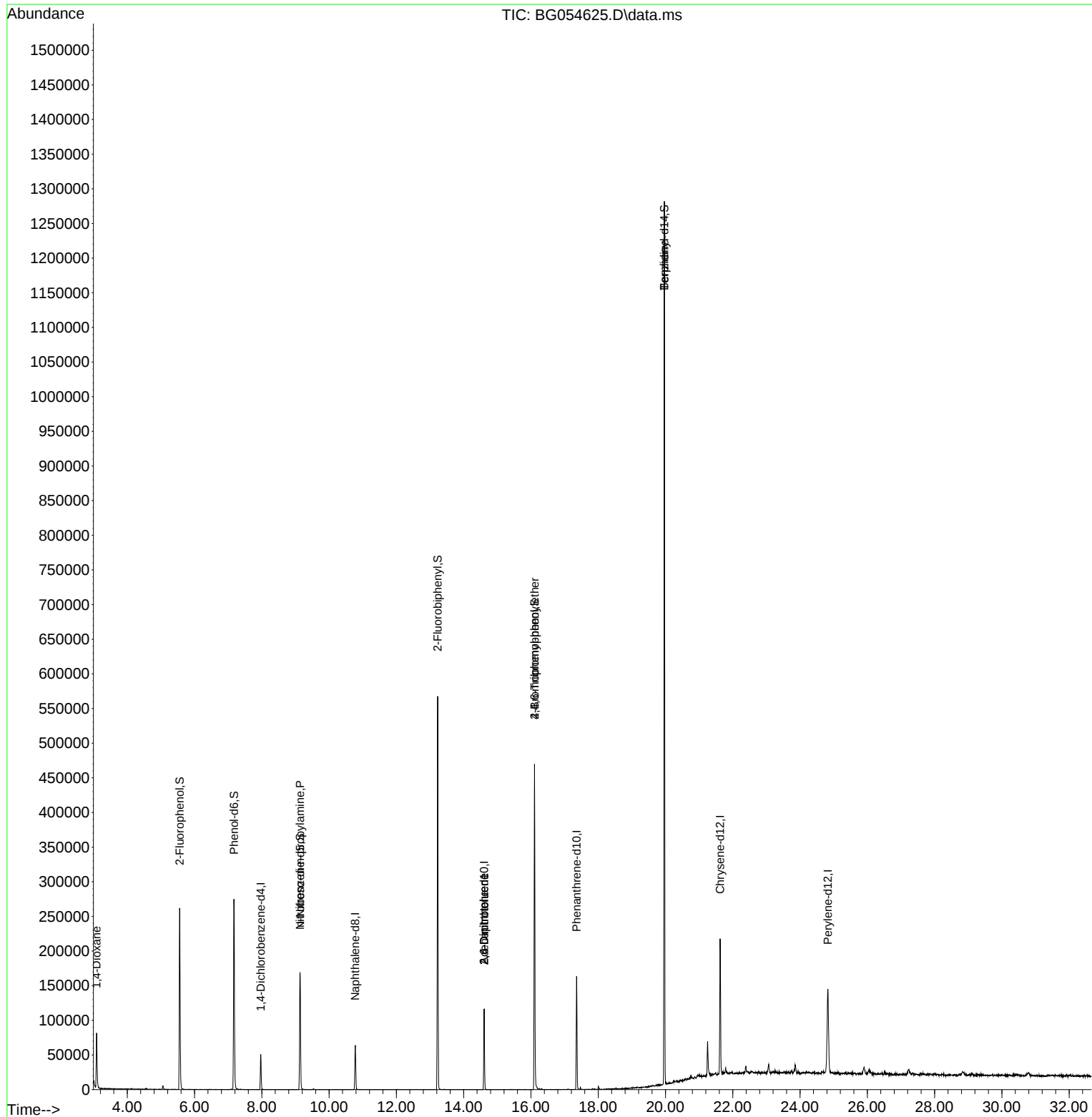
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	15753	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	60873	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	46379	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	123316	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	141824	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	145717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	120352	159.513	ng	0.00
7) Phenol-d6	7.171	99	162125	156.817	ng	0.00
23) Nitrobenzene-d5	9.139	82	110522	98.873	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	127974	131.419	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	320067	97.354	ng	0.00
79) Terphenyl-d14	19.968	244	727461	101.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.088	88	777	2.589	ng	# 1
19) n-Nitroso-di-n-propyla...	9.133	70	15146	21.939	ng	# 79
51) 2,6-Dinitrotoluene	14.609	165	6305	7.935	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	6305	5.535	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	7816	4.513	ng	# 1
77) Benzidine	19.968	184	9388	3.655	ng	# 90

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

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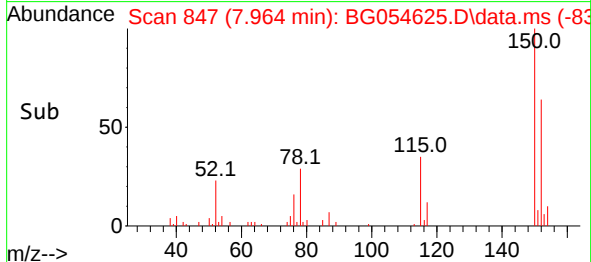
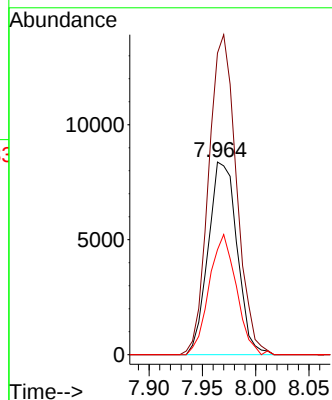
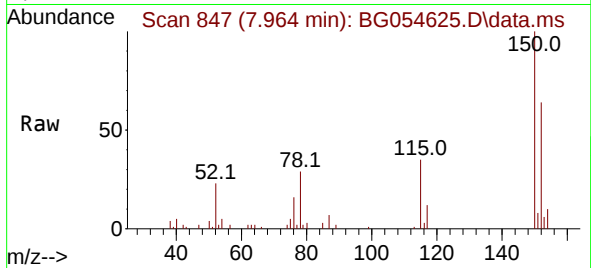




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.964 min Scan# 84
 Delta R.T. -0.004 min
 Lab File: BG054625.D
 Acq: 12 Aug 2022 16:50

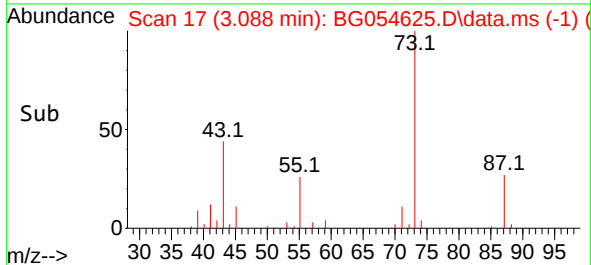
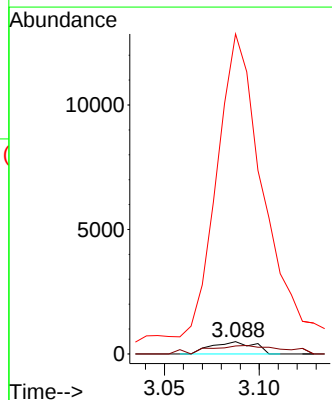
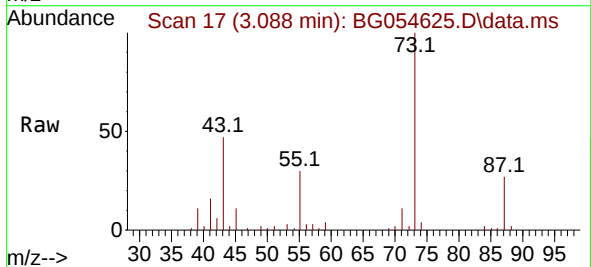
Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-10

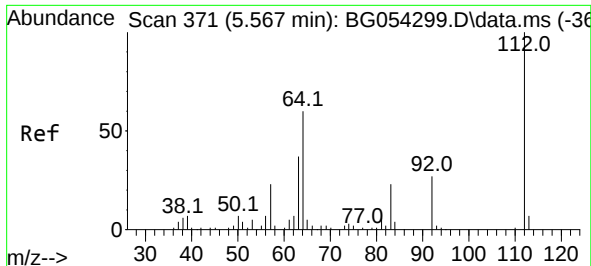
Tgt Ion:152 Resp: 15753
 Ion Ratio Lower Upper
 152 100
 150 156.5 131.6 197.4
 115 54.5 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.589 ng
 RT: 3.088 min Scan# 17
 Delta R.T. -0.303 min
 Lab File: BG054625.D
 Acq: 12 Aug 2022 16:50

Tgt Ion: 88 Resp: 777
 Ion Ratio Lower Upper
 88 100
 58 120.3 59.2 88.8#
 43 2671.2 24.3 36.5#

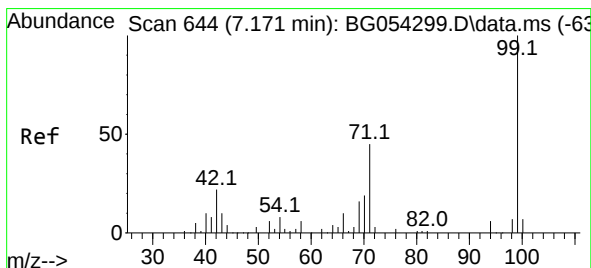
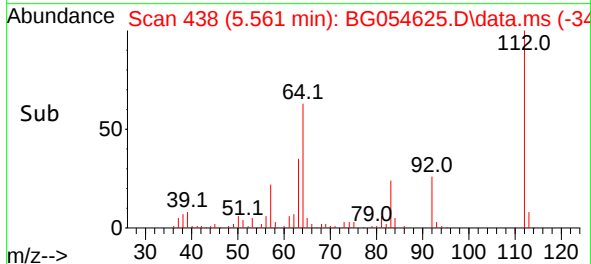
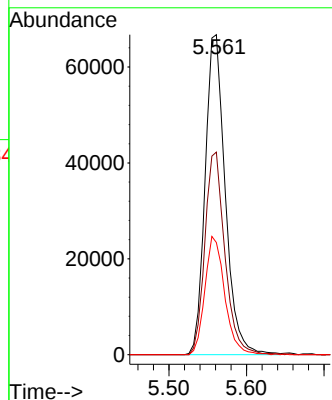
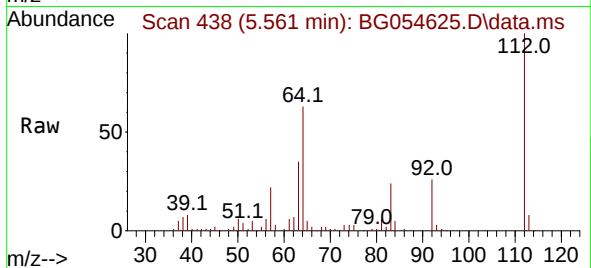




#5
2-Fluorophenol
Concen: 159.513 ng
RT: 5.561 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

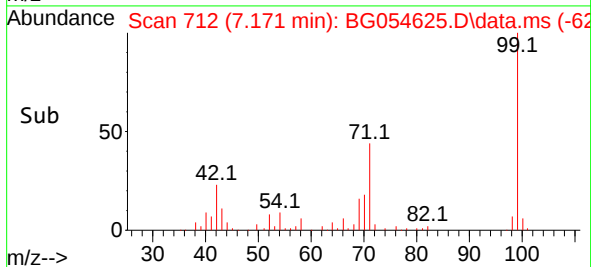
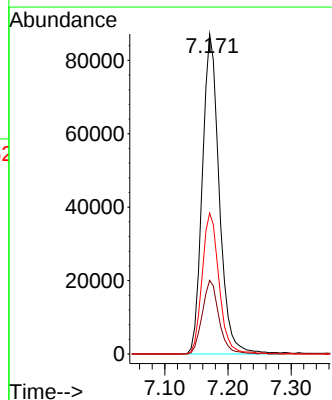
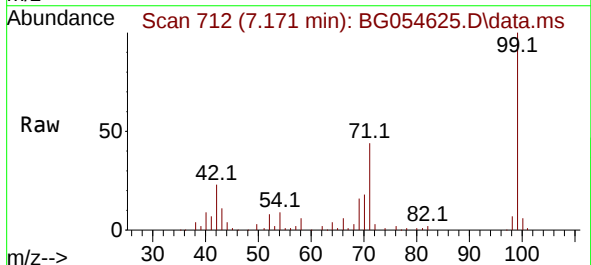
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-10

Tgt Ion:112 Resp: 120352
Ion Ratio Lower Upper
112 100
64 63.3 55.1 82.7
63 35.1 30.4 45.6



#7
Phenol-d6
Concen: 156.817 ng
RT: 7.171 min Scan# 712
Delta R.T. 0.002 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion: 99 Resp: 162125
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.6
71 44.0 33.8 50.8

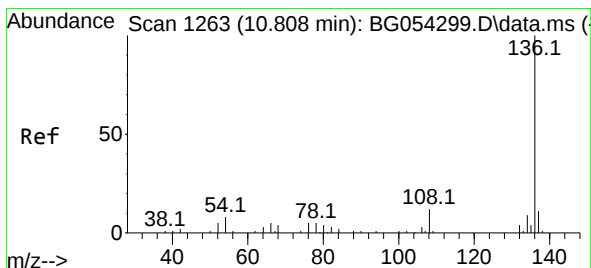
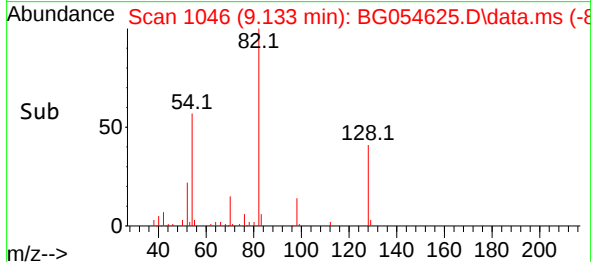
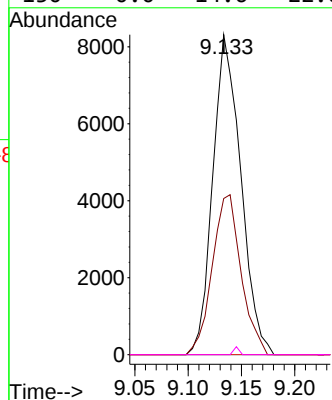
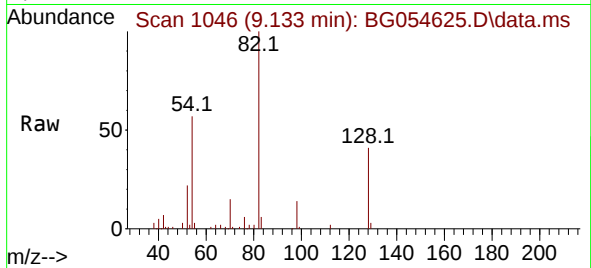




#19
n-Nitroso-di-n-propylamine
Concen: 21.939 ng
RT: 9.133 min Scan# 1046
Delta R.T. 0.355 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

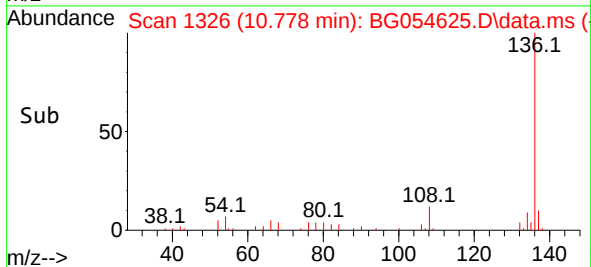
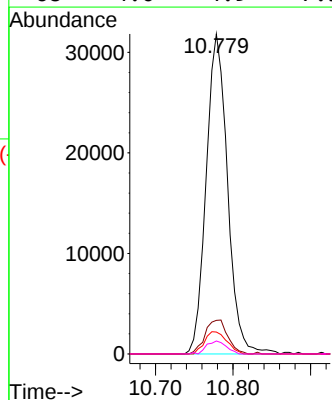
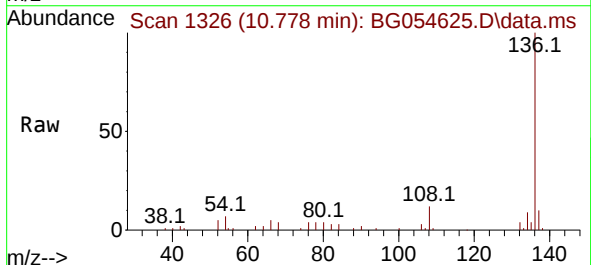
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-10

Tgt Ion: 70	Resp: 15146
Ion Ratio	Lower Upper
70 100	
42 48.8	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: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion: 136	Resp: 60873
Ion Ratio	Lower Upper
136 100	
137 10.5	8.5 12.7
54 6.8	7.4 11.2#
68 4.0	4.9 7.3#

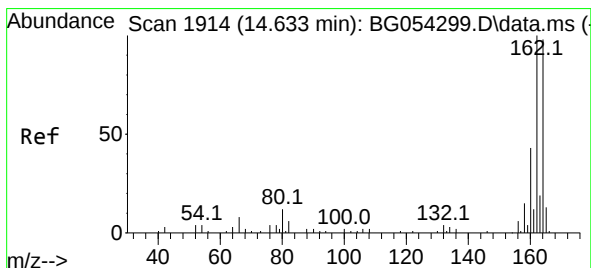
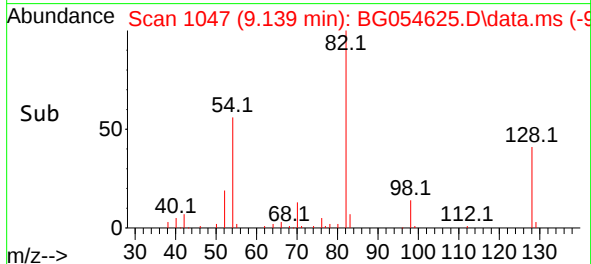
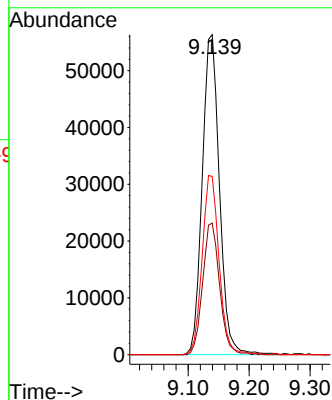
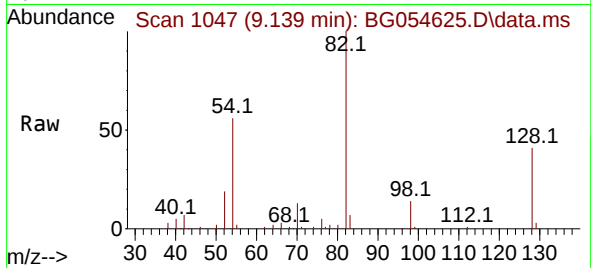




#23
Nitrobenzene-d5
Concen: 98.873 ng
RT: 9.139 min Scan# 1047
Delta R.T. 0.002 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

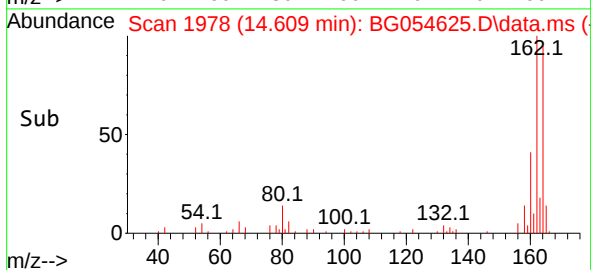
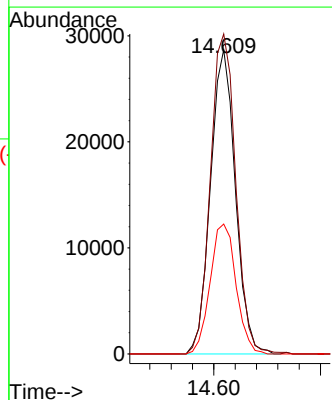
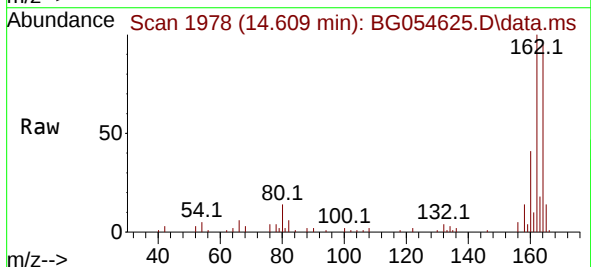
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-10

Tgt Ion: 82 Resp: 110522
Ion Ratio Lower Upper
82 100
128 41.1 27.9 41.9
54 55.7 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: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:164 Resp: 46379
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 42.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 131.419 ng

RT: 16.108 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054625.D

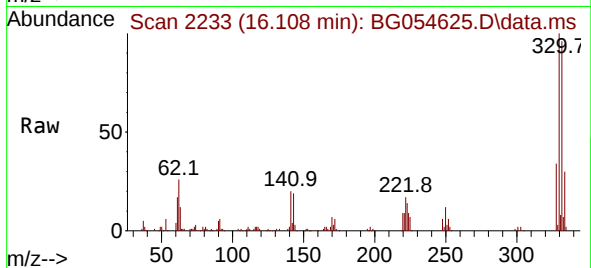
Acq: 12 Aug 2022 16:50

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-10



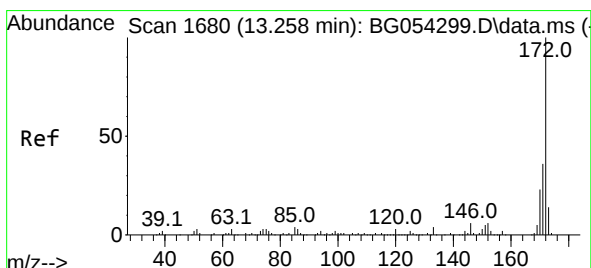
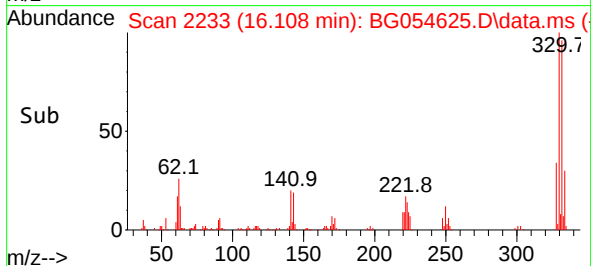
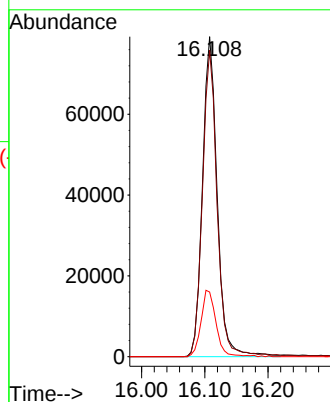
Tgt Ion:330 Resp: 127974

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 21.2 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 97.354 ng

RT: 13.229 min Scan# 1743

Delta R.T. 0.002 min

Lab File: BG054625.D

Acq: 12 Aug 2022 16:50

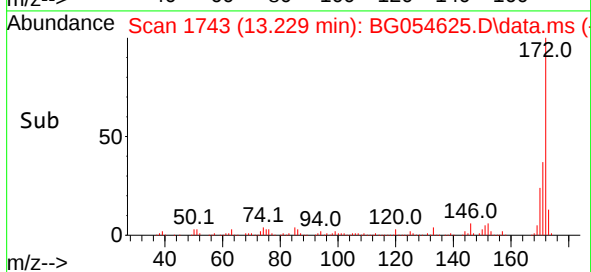
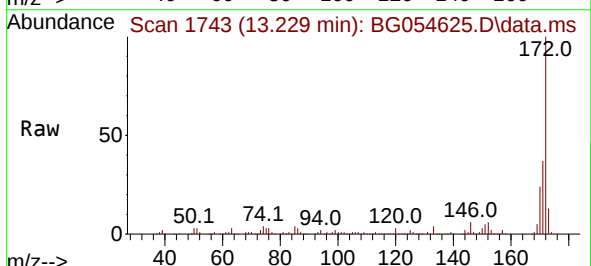
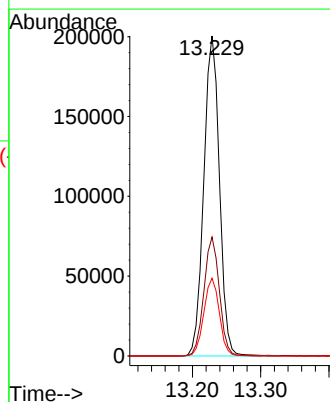
Tgt Ion:172 Resp: 320067

Ion Ratio Lower Upper

172 100

171 37.1 28.5 42.7

170 24.3 18.9 28.3

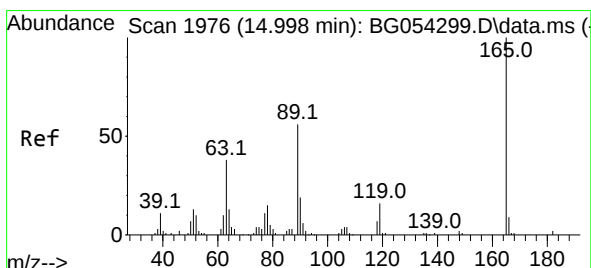
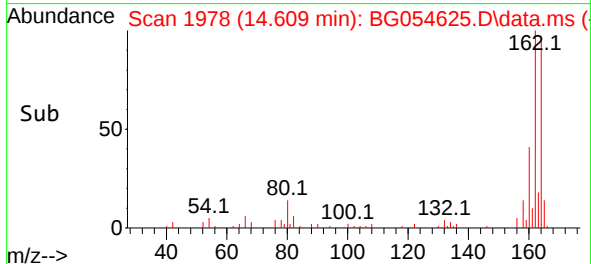
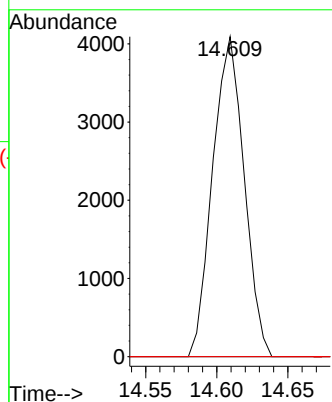
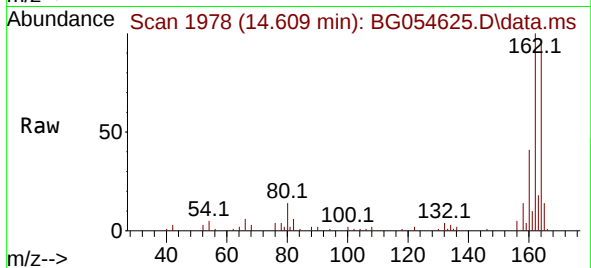




#51
2,6-Dinitrotoluene
Concen: 7.935 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.419 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

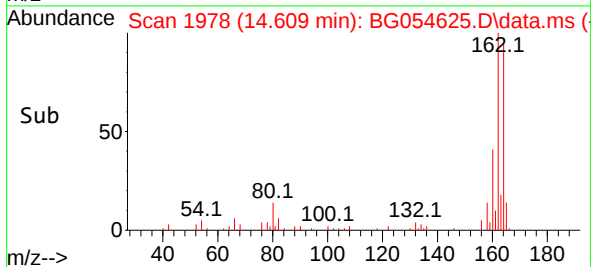
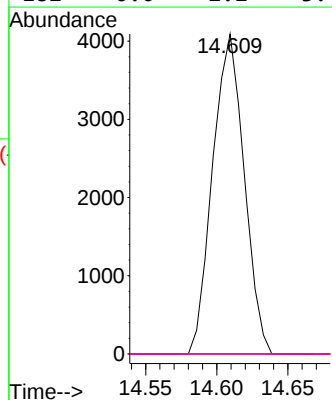
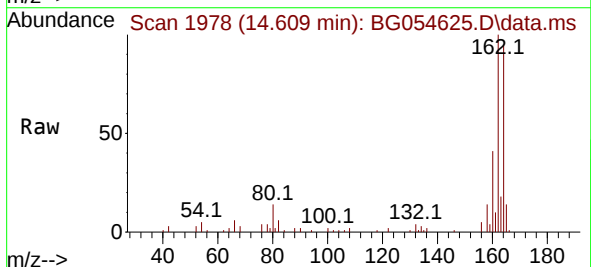
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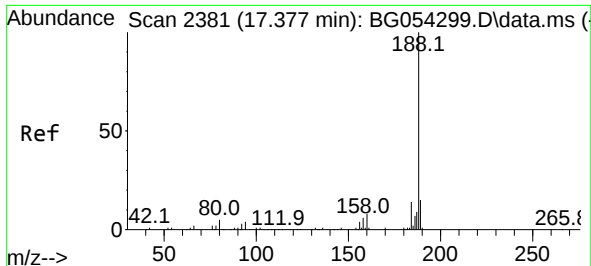
Tgt Ion:165 Resp: 6305
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.535 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.386 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:165 Resp: 6305
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#

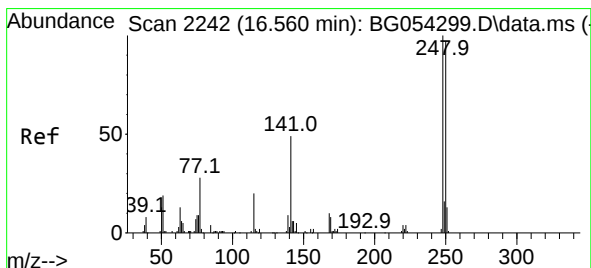
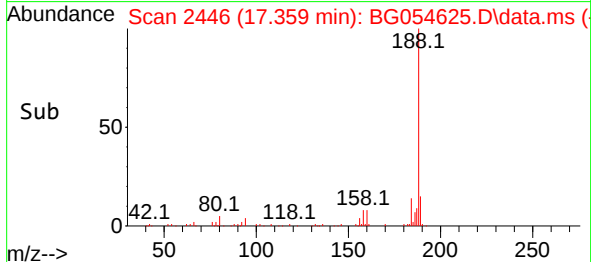
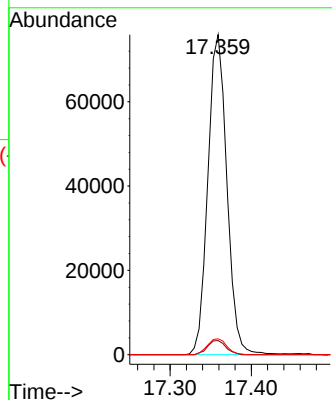
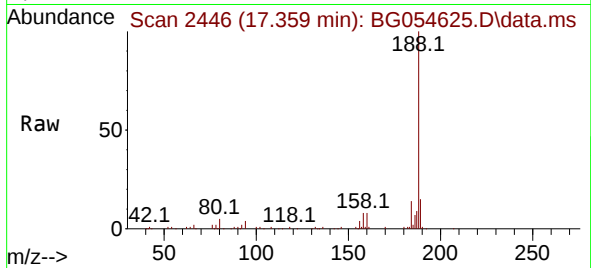




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

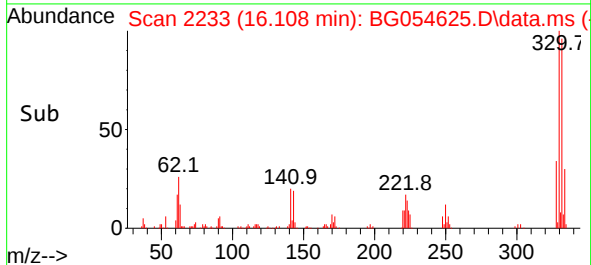
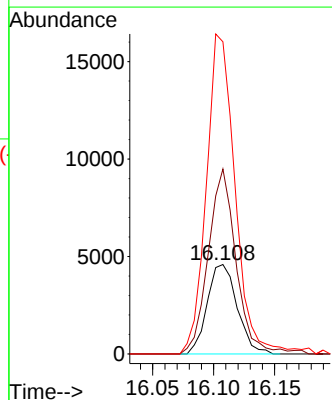
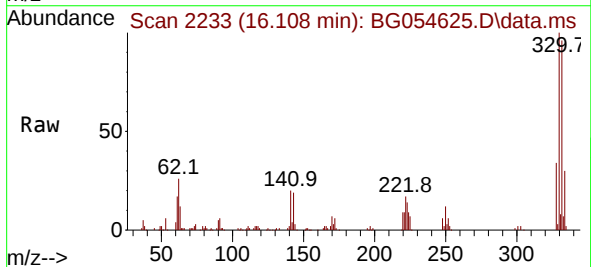
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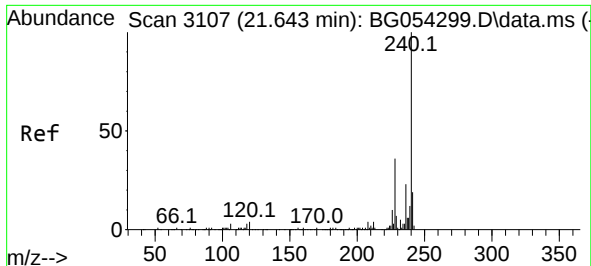
Tgt Ion:188 Resp: 123316
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.9 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.513 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.433 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:248 Resp: 7816
Ion Ratio Lower Upper
248 100
250 206.7 75.2 112.8#
141 348.8 50.0 75.0#

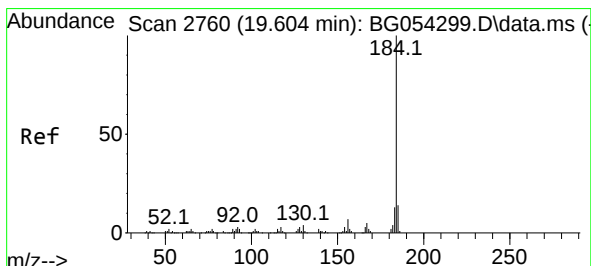
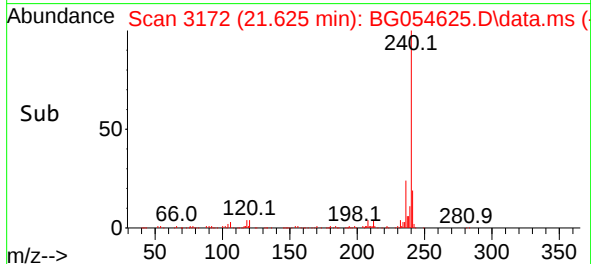
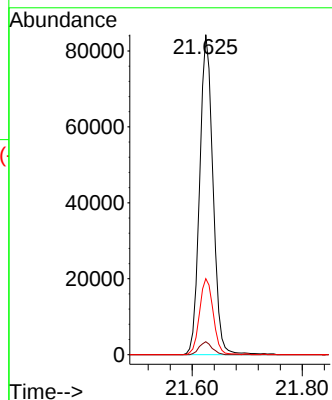
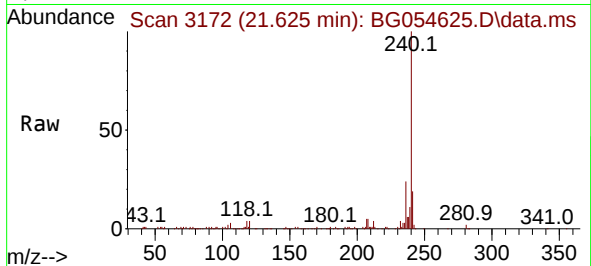




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

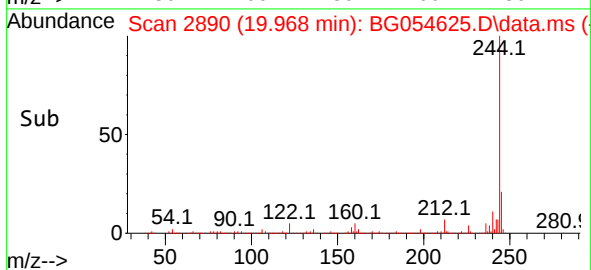
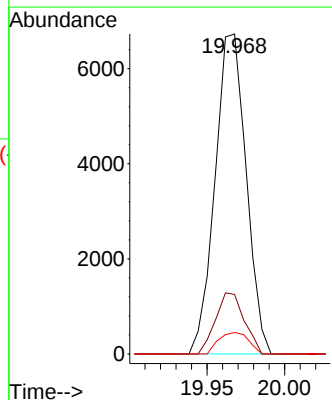
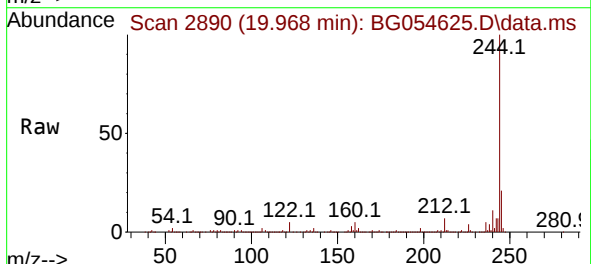
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-10

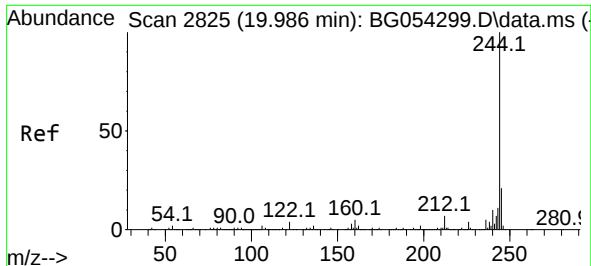
Tgt Ion:240 Resp: 141824
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 23.8 20.2 30.4



#77
Benzidine
Concen: 3.655 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.378 min
Lab File: BG054625.D
Acq: 12 Aug 2022 16:50

Tgt Ion:184 Resp: 9388
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 6.7 8.9 13.3#

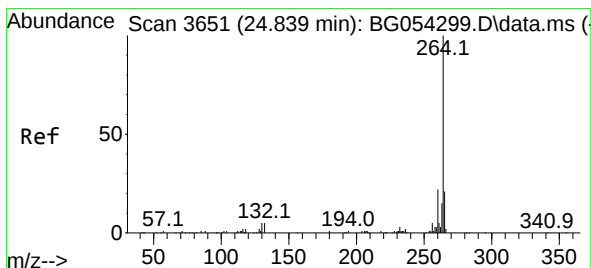
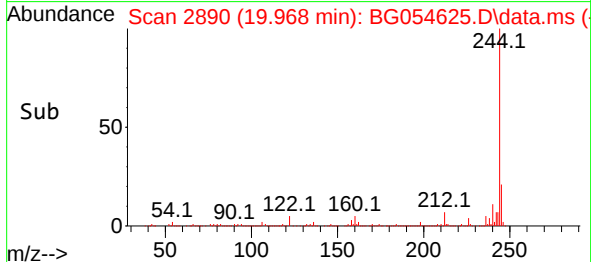
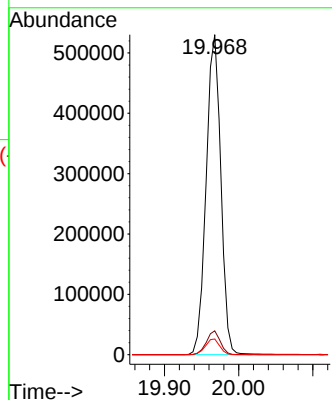
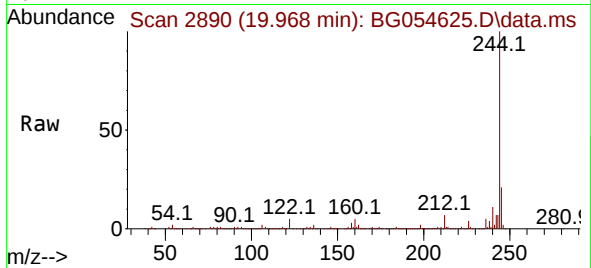




#79
 Terphenyl-d14
 Concen: 101.756 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054625.D
 Acq: 12 Aug 2022 16:50

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-10

Tgt Ion:244 Resp: 727461
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 4.9 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: BG054625.D
 Acq: 12 Aug 2022 16:50

Tgt Ion:264 Resp: 145717
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 22.9 17.4 26.2

