

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054619.D
 Acq On : 12 Aug 2022 12:40
 Operator : CG/JU
 Sample : N4046-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-09

Quant Time: Aug 13 00:36:31 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)

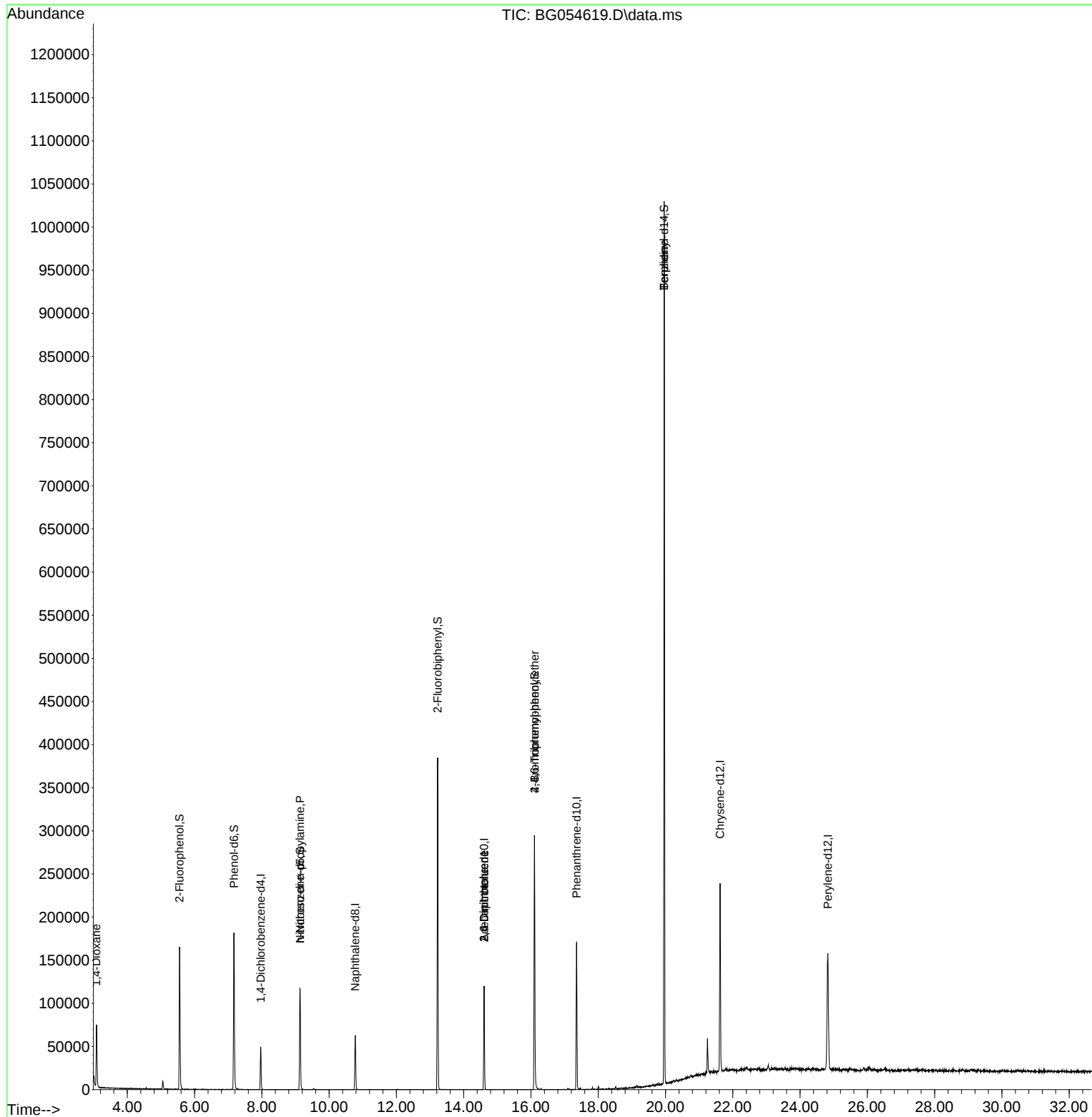
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	15193	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	60625	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	47795	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	131982	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	160797	20.000	ng	# 0.00
86) Perylene-d12	24.826	264	167085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	76785	105.521	ng	0.00
7) Phenol-d6	7.170	99	109685	110.005	ng	0.00
23) Nitrobenzene-d5	9.133	82	75820	68.106	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	86536	86.233	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	231688	68.384	ng	0.00
79) Terphenyl-d14	19.961	244	593608	73.235	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.081	88	821	2.836	ng	# 1
19) n-Nitroso-di-n-propyla...	9.133	70	10945	16.438	ng	# 86
51) 2,6-Dinitrotoluene	14.609	165	6282	7.672	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	6282	5.351	ng	# 21
67) 4-Bromophenyl-phenylether	16.107	248	5170	2.789	ng	# 1
77) Benzidine	19.961	184	7704	2.645	ng	# 91

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

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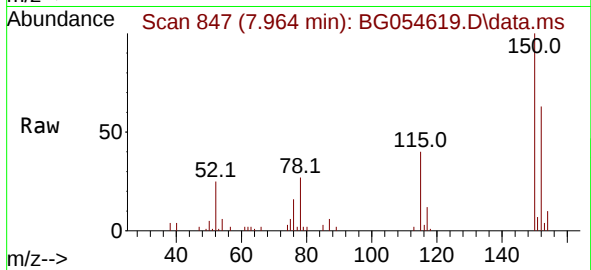
Quant Time: Aug 13 00:36:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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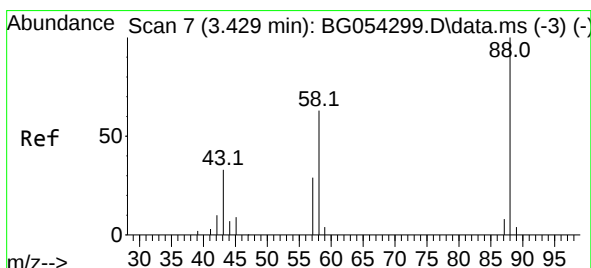
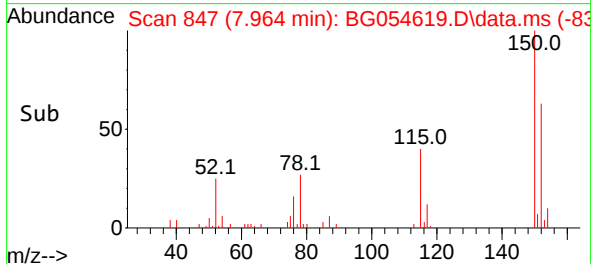
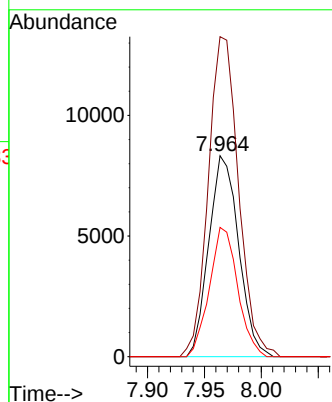


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.964 min Scan# 84
 Delta R.T. -0.004 min
 Lab File: BG054619.D
 Acq: 12 Aug 2022 12:40

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-09

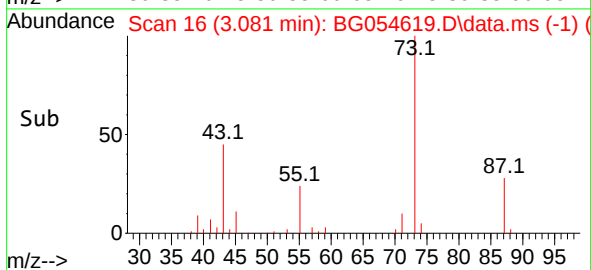
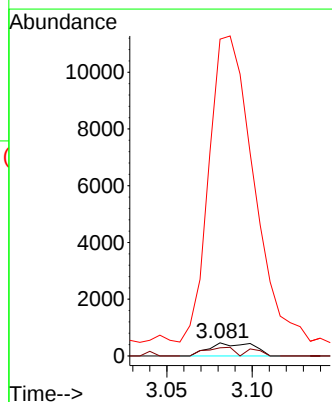
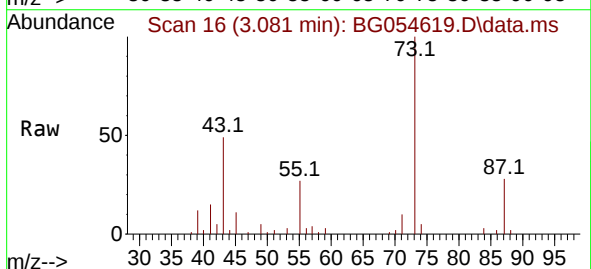


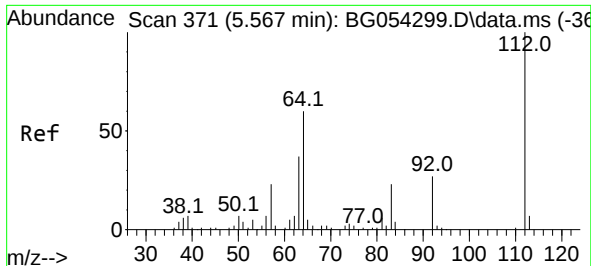
Tgt Ion:152 Resp: 15193
 Ion Ratio Lower Upper
 152 100
 150 159.2 131.6 197.4
 115 64.3 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.836 ng
 RT: 3.081 min Scan# 16
 Delta R.T. -0.310 min
 Lab File: BG054619.D
 Acq: 12 Aug 2022 12:40

Tgt Ion: 88 Resp: 821
 Ion Ratio Lower Upper
 88 100
 58 42.6 59.2 88.8#
 43 2499.9 24.3 36.5#

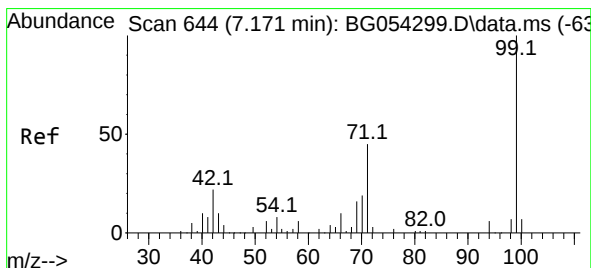
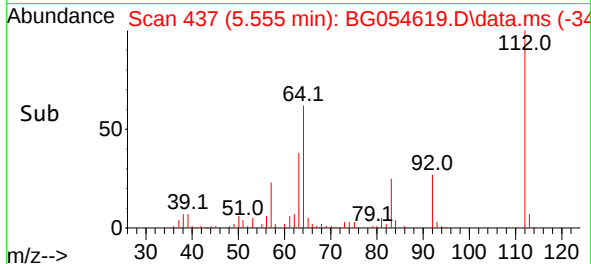
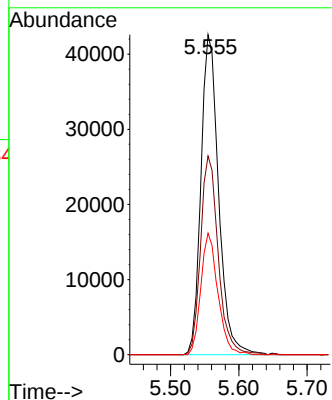
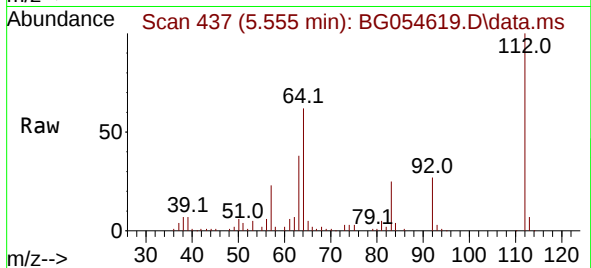




#5
2-Fluorophenol
Concen: 105.521 ng
RT: 5.555 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

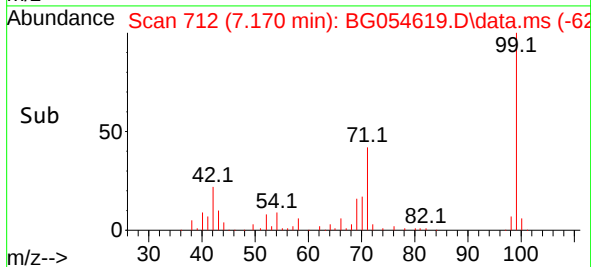
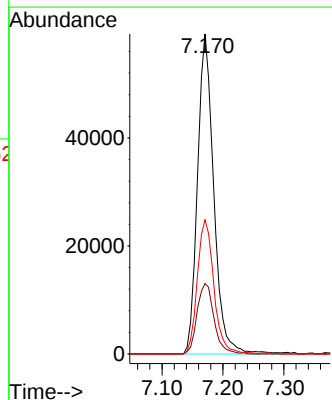
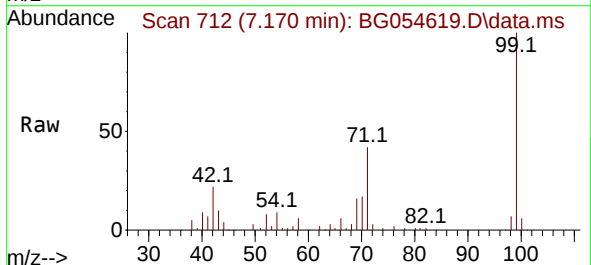
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-09

Tgt Ion:112 Resp: 76785
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 38.0 30.4 45.6



#7
Phenol-d6
Concen: 110.005 ng
RT: 7.170 min Scan# 712
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

Tgt Ion: 99 Resp: 109685
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 41.9 33.8 50.8





#19

n-Nitroso-di-n-propylamine

Concen: 16.438 ng

RT: 9.133 min Scan# 1046

Delta R.T. 0.354 min

Lab File: BG054619.D

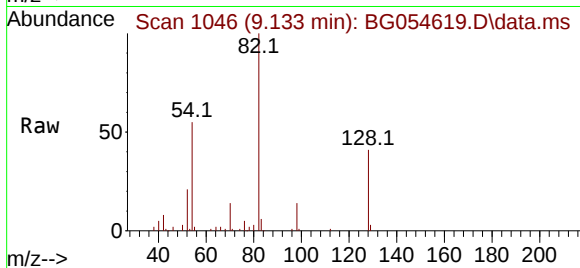
Acq: 12 Aug 2022 12:40

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-09



Tgt Ion: 70 Resp: 10945

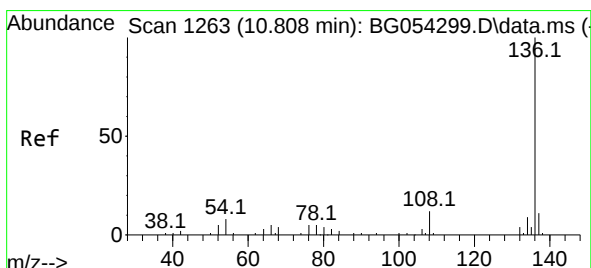
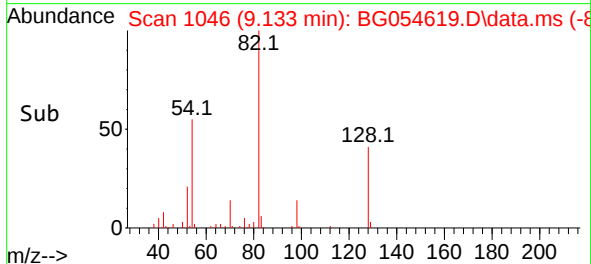
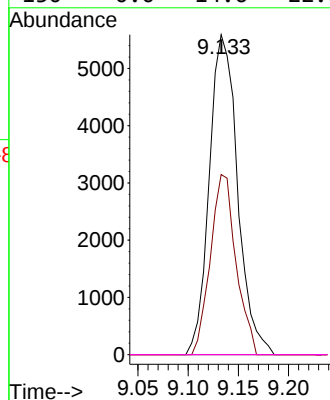
Ion Ratio Lower Upper

70 100

42 56.3 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: 10.778 min Scan# 1326

Delta R.T. 0.002 min

Lab File: BG054619.D

Acq: 12 Aug 2022 12:40

Tgt Ion: 136 Resp: 60625

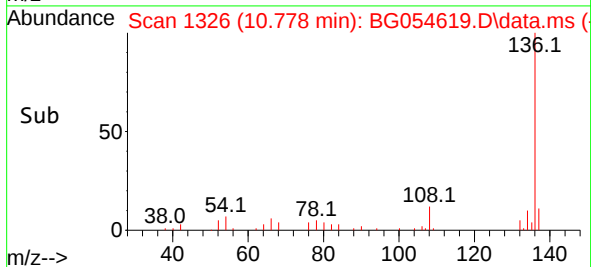
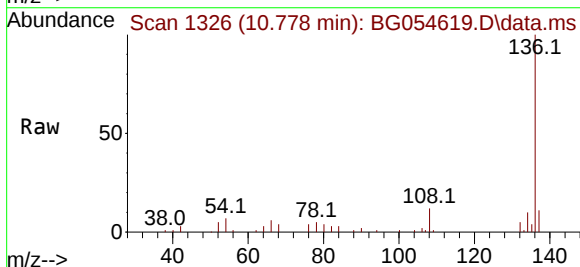
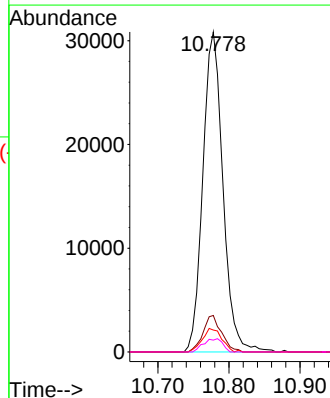
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 6.9 7.4 11.2#

68 3.7 4.9 7.3#

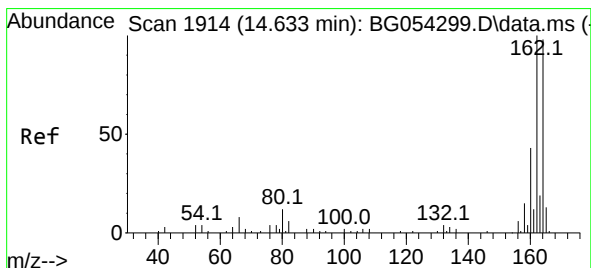
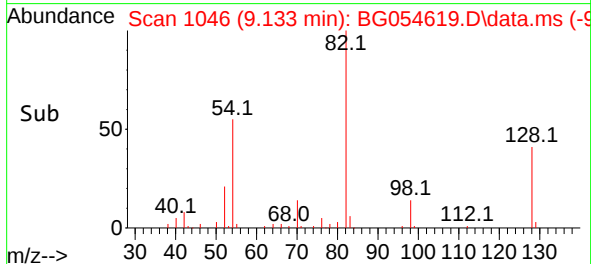
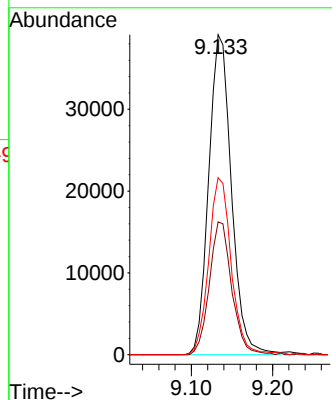
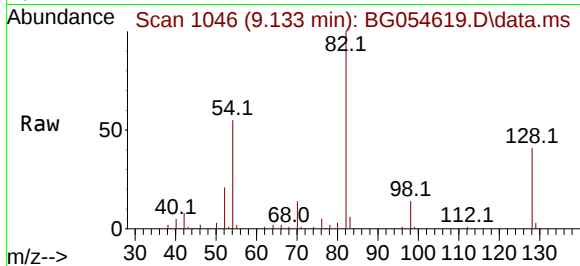




#23
Nitrobenzene-d5
Concen: 68.106 ng
RT: 9.133 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

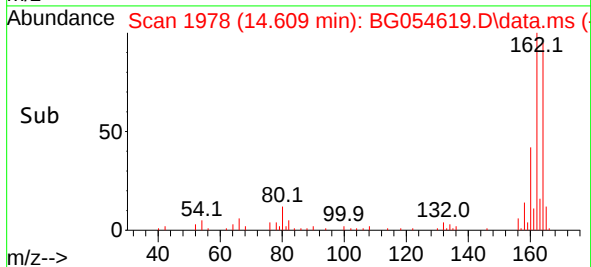
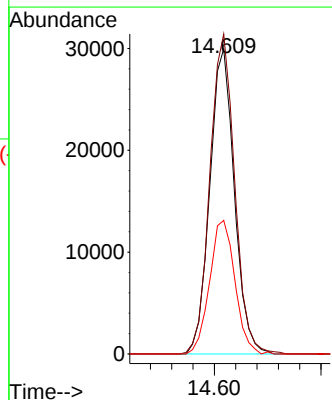
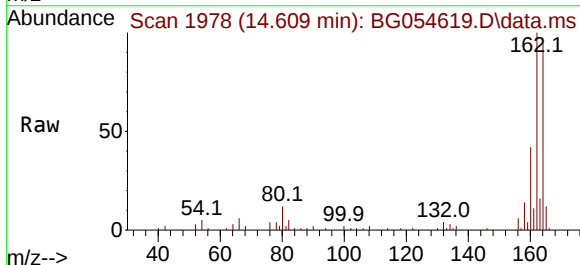
Instrument :
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Tgt Ion: 82 Resp: 75820
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 55.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

Tgt Ion:164 Resp: 47795
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 86.233 ng

RT: 16.107 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054619.D

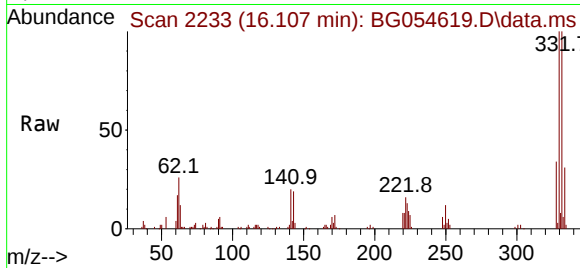
Acq: 12 Aug 2022 12:40

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-09



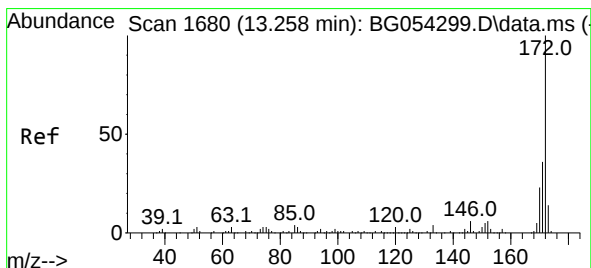
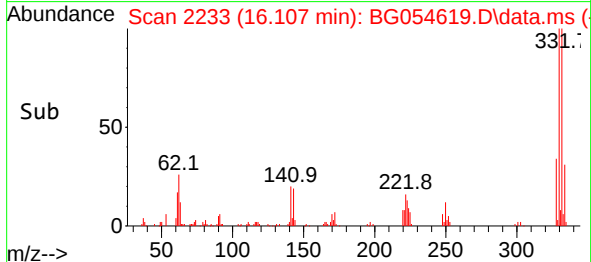
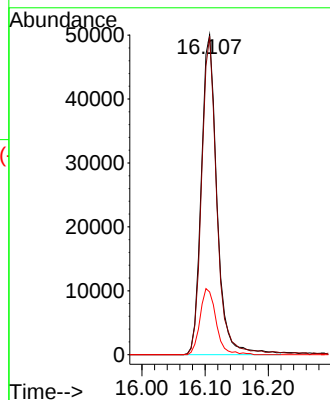
Tgt Ion:330 Resp: 86536

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 21.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 68.384 ng

RT: 13.228 min Scan# 1743

Delta R.T. 0.002 min

Lab File: BG054619.D

Acq: 12 Aug 2022 12:40

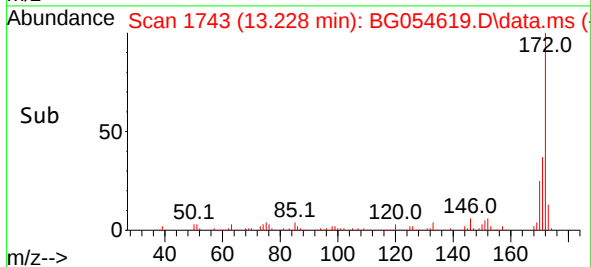
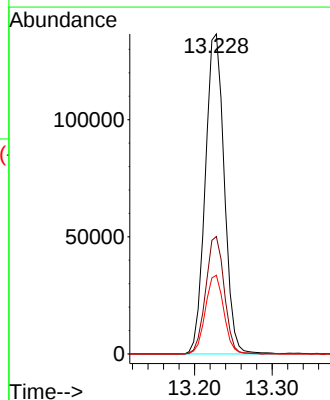
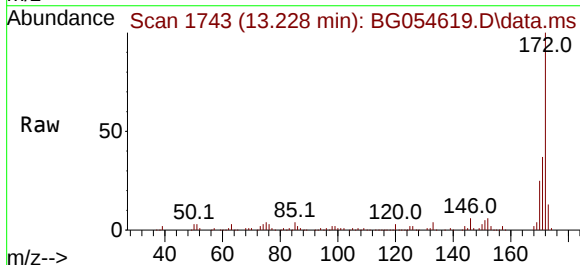
Tgt Ion:172 Resp: 231688

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: 7.672 ng

RT: 14.609 min Scan# 1978

Delta R.T. 0.419 min

Lab File: BG054619.D

Acq: 12 Aug 2022 12:40

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-09

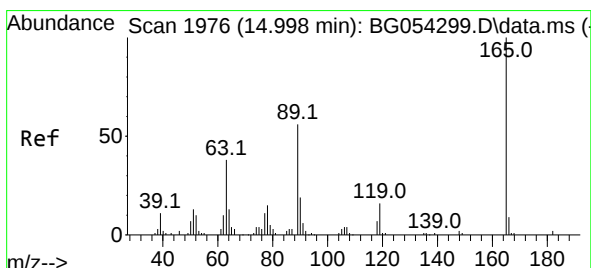
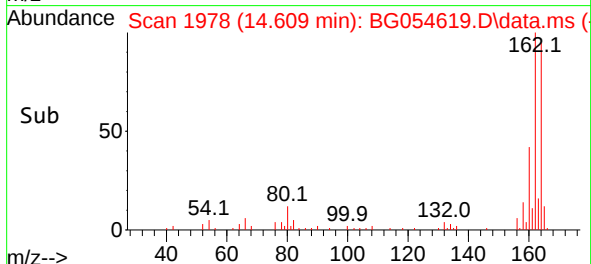
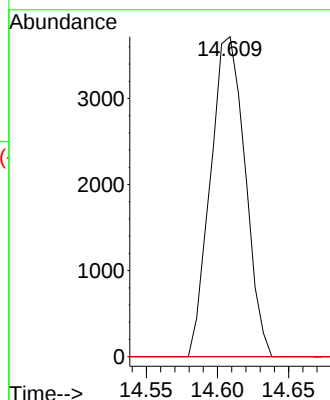
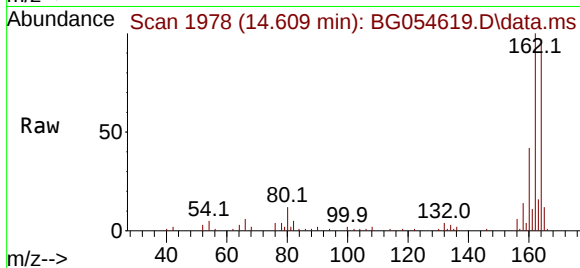
Tgt Ion:165 Resp: 6282

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: 5.351 ng

RT: 14.609 min Scan# 1978

Delta R.T. -0.386 min

Lab File: BG054619.D

Acq: 12 Aug 2022 12:40

Tgt Ion:165 Resp: 6282

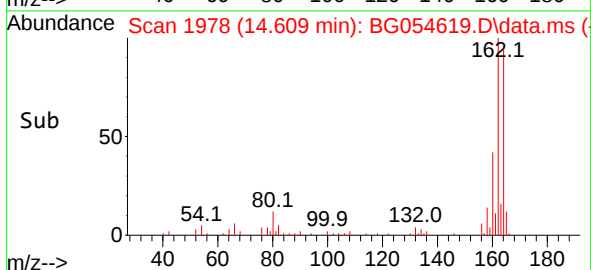
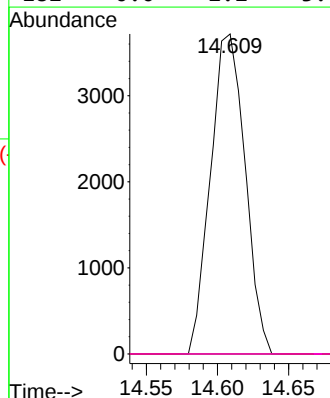
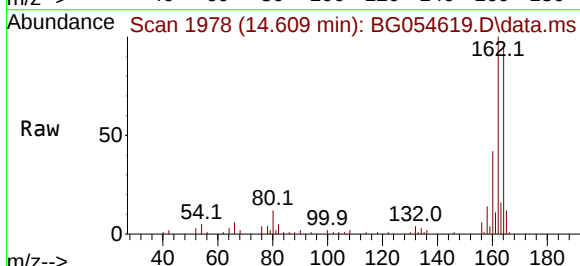
Ion Ratio Lower Upper

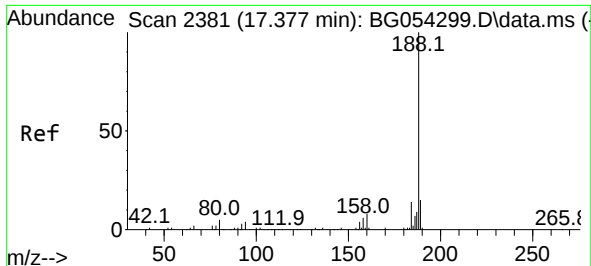
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

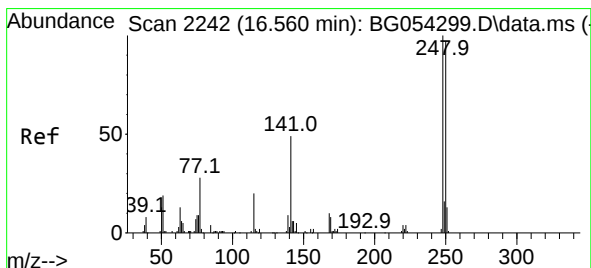
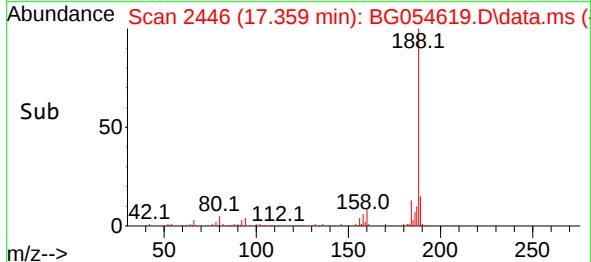
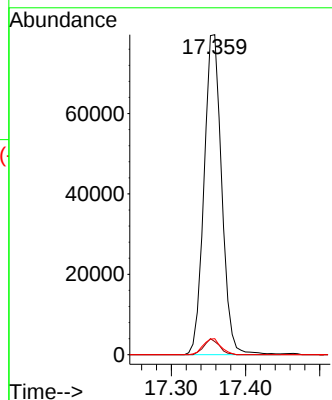
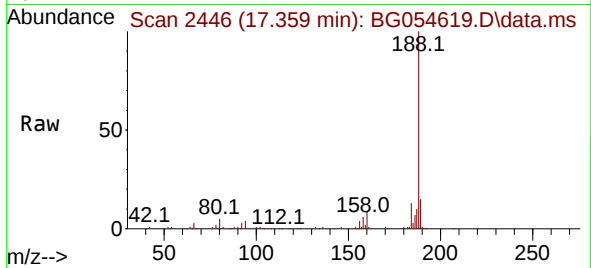




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

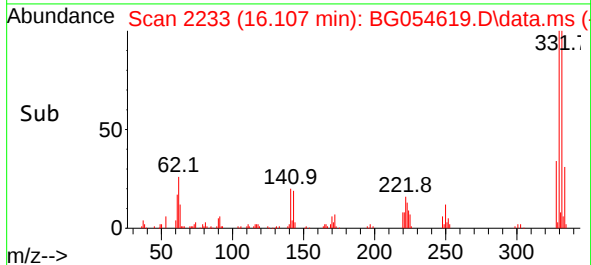
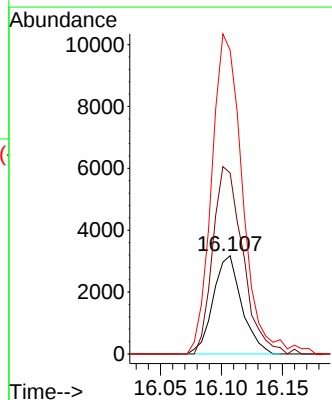
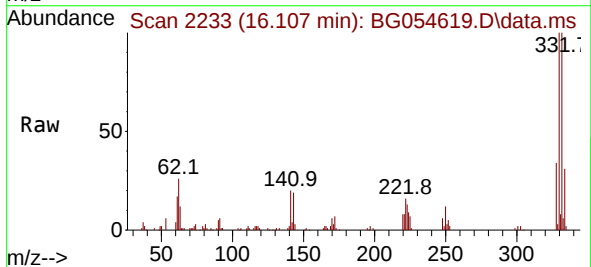
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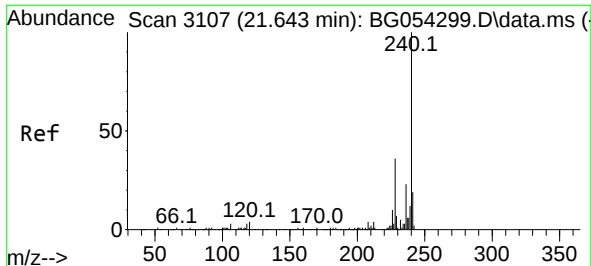
Tgt Ion:188 Resp: 131982
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 5.0 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 2.789 ng
RT: 16.107 min Scan# 2233
Delta R.T. -0.433 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

Tgt Ion:248 Resp: 5170
Ion Ratio Lower Upper
248 100
250 184.2 75.2 112.8#
141 309.2 50.0 75.0#

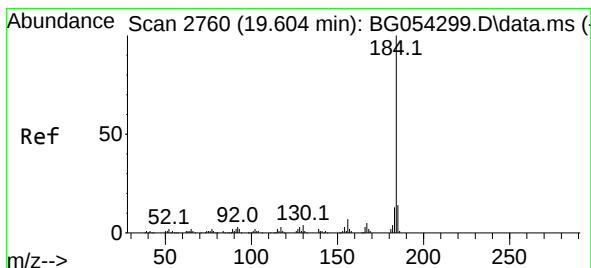
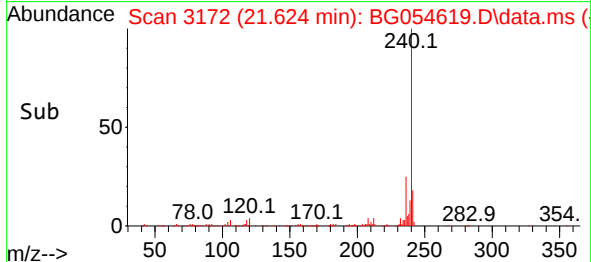
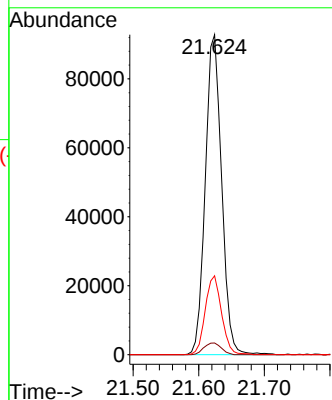
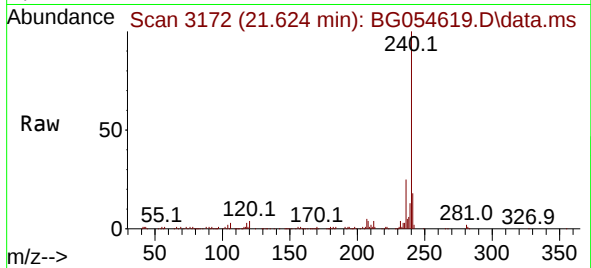




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

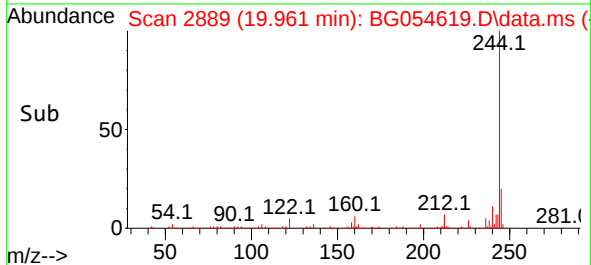
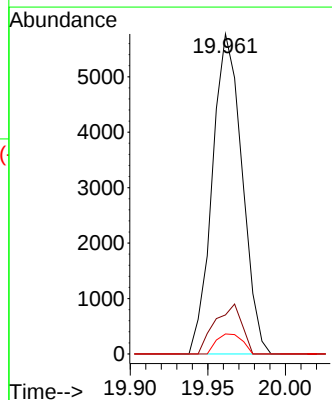
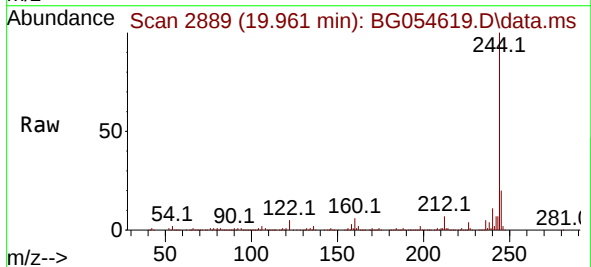
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-09

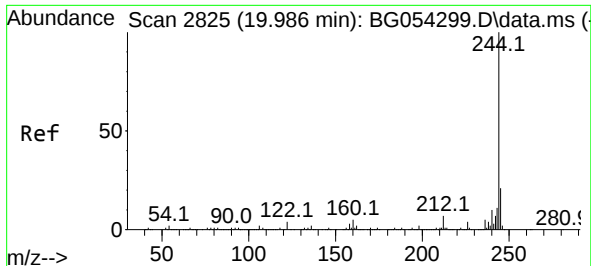
Tgt Ion:240 Resp: 160797
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.6 20.2 30.4



#77
Benzidine
Concen: 2.645 ng
RT: 19.961 min Scan# 2889
Delta R.T. 0.372 min
Lab File: BG054619.D
Acq: 12 Aug 2022 12:40

Tgt Ion:184 Resp: 7704
Ion Ratio Lower Upper
184 100
185 12.2 11.8 17.6
183 6.2 8.9 13.3#

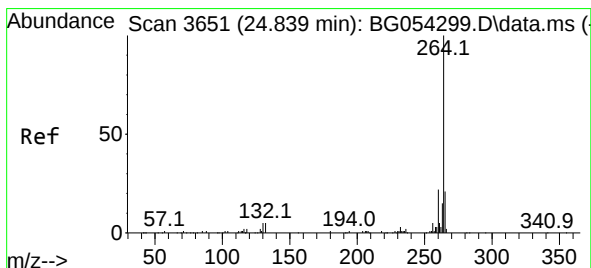
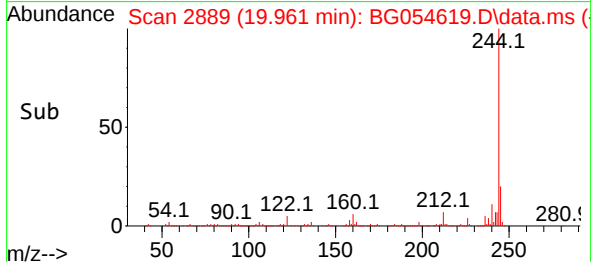
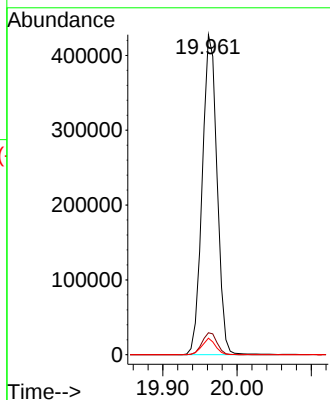
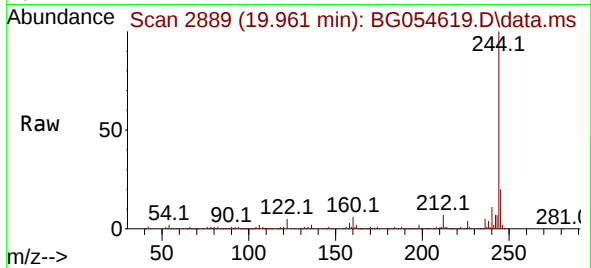




#79
 Terphenyl-d14
 Concen: 73.235 ng
 RT: 19.961 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054619.D
 Acq: 12 Aug 2022 12:40

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-09

Tgt Ion:244 Resp: 593608
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 5.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.826 min Scan# 3717
 Delta R.T. 0.002 min
 Lab File: BG054619.D
 Acq: 12 Aug 2022 12:40

Tgt Ion:264 Resp: 167085
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 17.4 26.2

