

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054623.D
 Acq On : 12 Aug 2022 15:26
 Operator : CG/JU
 Sample : N4046-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-11

Quant Time: Aug 13 00:38:25 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)

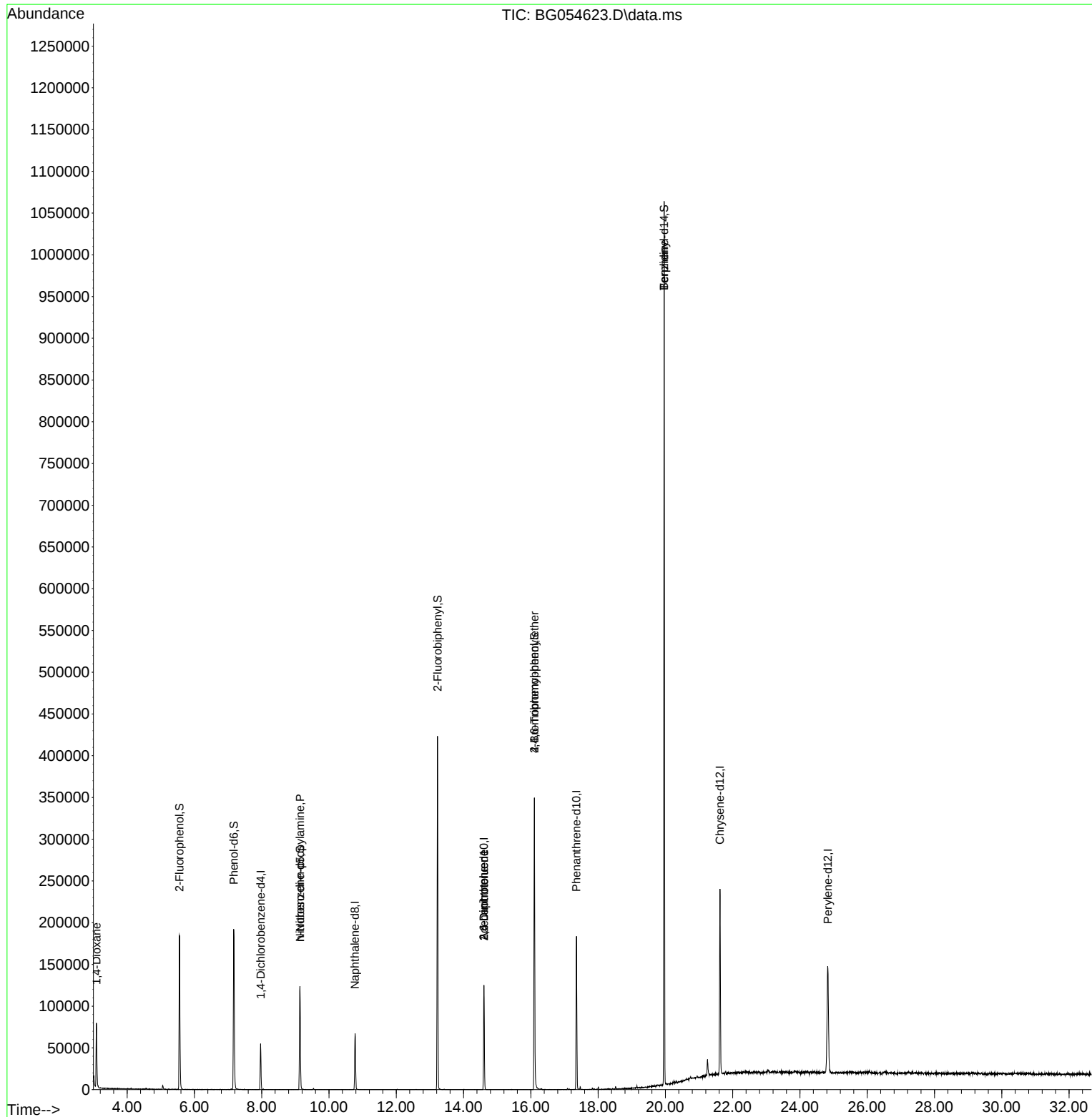
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	16973	20.000	ng	0.00
21) Naphthalene-d8	10.776	136	64414	20.000	ng	# 0.00
39) Acenaphthene-d10	14.607	164	50671	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	137286	20.000	ng	# 0.00
76) Chrysene-d12	21.622	240	159005	20.000	ng	# 0.00
86) Perylene-d12	24.830	264	165011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.558	112	87310	107.402	ng	0.00
7) Phenol-d6	7.168	99	116773	104.831	ng	0.00
23) Nitrobenzene-d5	9.137	82	80734	68.254	ng	0.00
42) 2,4,6-Tribromophenol	16.105	330	97677	91.810	ng	0.00
45) 2-Fluorobiphenyl	13.226	172	244467	68.060	ng	0.00
79) Terphenyl-d14	19.965	244	589109	73.499	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.091	88	764	2.362	ng	# 1
9) Benzaldehyde	7.168	77	58	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.137	70	11689	15.714	ng	# 80
51) 2,6-Dinitrotoluene	14.607	165	7015	8.081	ng	# 16
57) 2,4-Dinitrotoluene	14.607	165	7015	5.637	ng	# 21
67) 4-Bromophenyl-phenylether	16.105	248	5704	2.958	ng	# 1
77) Benzidine	19.965	184	7589	2.635	ng	# 92

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

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Misc :
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BEACONPOINT-BACKFILL-11

Quant Time: Aug 13 00:38:25 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

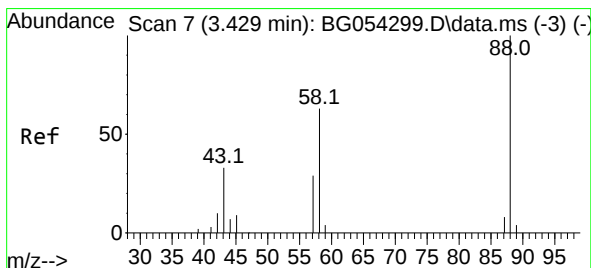
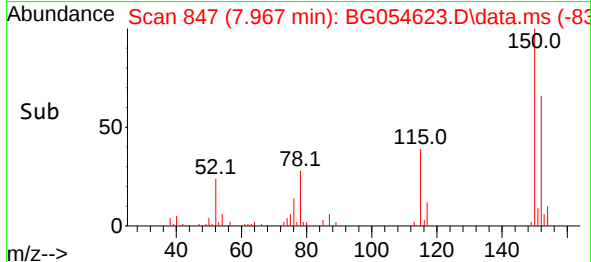
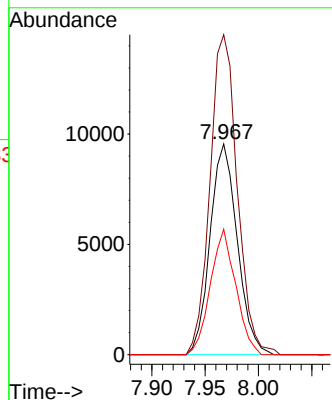
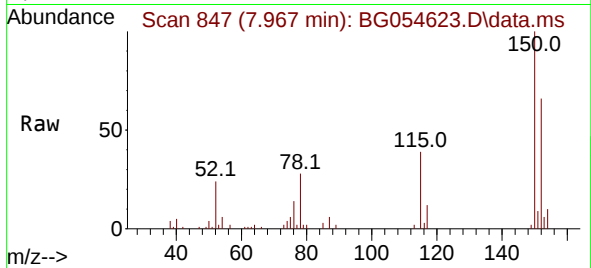




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.967 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG054623.D
 Acq: 12 Aug 2022 15:26

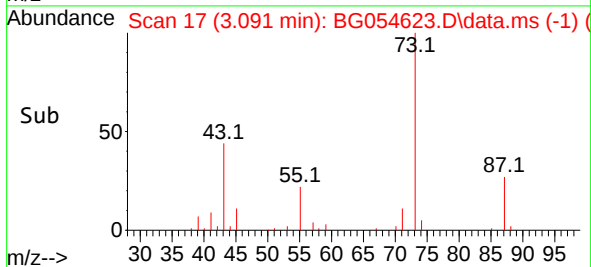
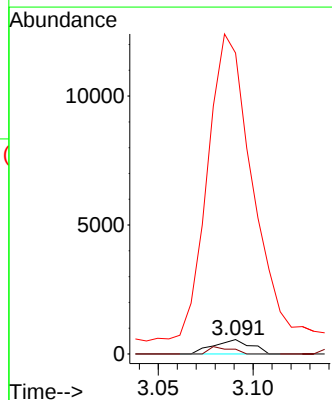
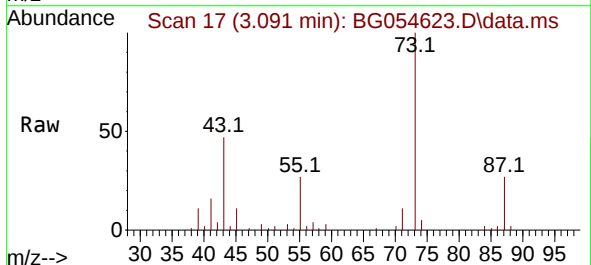
Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-11

Tgt Ion:152 Resp: 16973
 Ion Ratio Lower Upper
 152 100
 150 151.8 131.6 197.4
 115 59.5 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.362 ng
 RT: 3.091 min Scan# 17
 Delta R.T. -0.300 min
 Lab File: BG054623.D
 Acq: 12 Aug 2022 15:26

Tgt Ion: 88 Resp: 764
 Ion Ratio Lower Upper
 88 100
 58 30.4 59.2 88.8#
 43 2829.2 24.3 36.5#

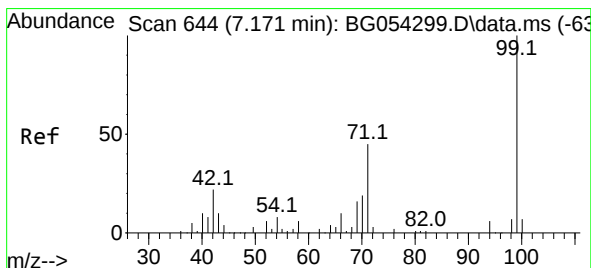
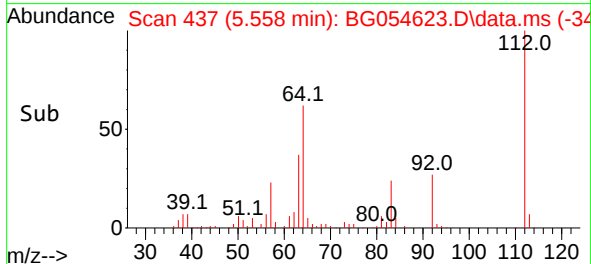
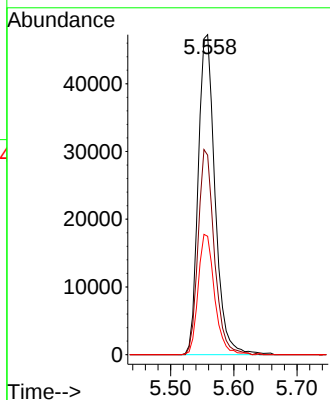
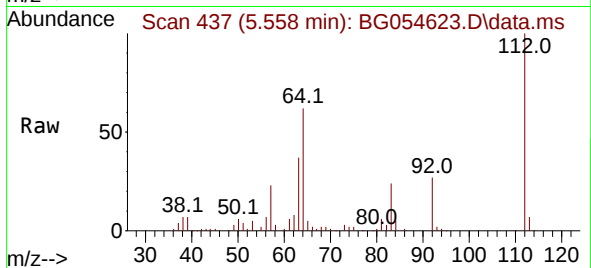




#5
2-Fluorophenol
Concen: 107.402 ng
RT: 5.558 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG054623.D
Acq: 12 Aug 2022 15:26

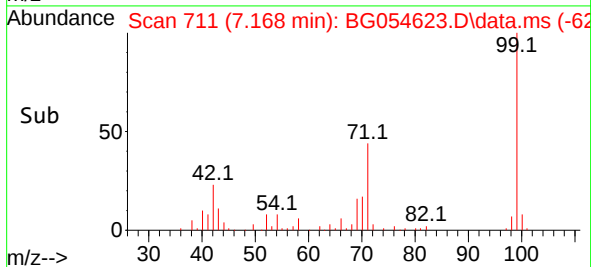
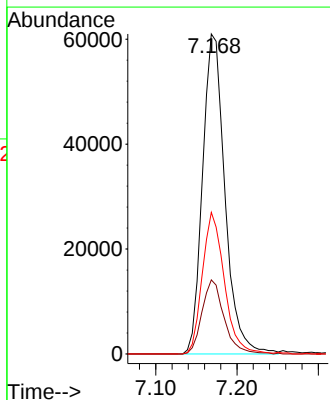
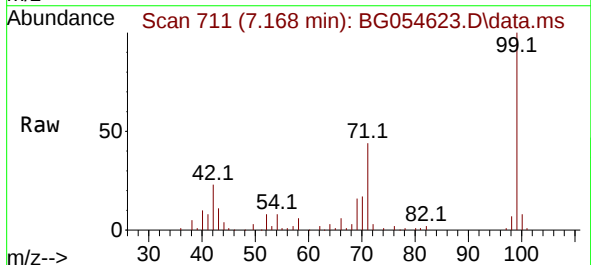
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-11

Tgt Ion:112 Resp: 87310
Ion Ratio Lower Upper
112 100
64 62.4 55.1 82.7
63 37.0 30.4 45.6



#7
Phenol-d6
Concen: 104.831 ng
RT: 7.168 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG054623.D
Acq: 12 Aug 2022 15:26

Tgt Ion: 99 Resp: 116773
Ion Ratio Lower Upper
99 100
42 23.1 17.0 25.6
71 44.3 33.8 50.8

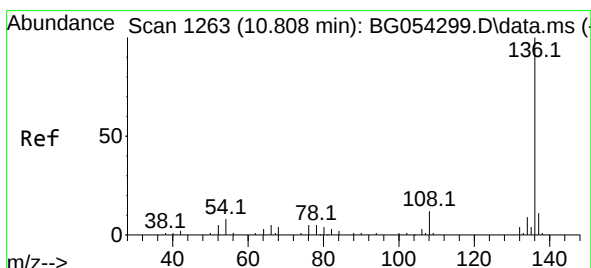
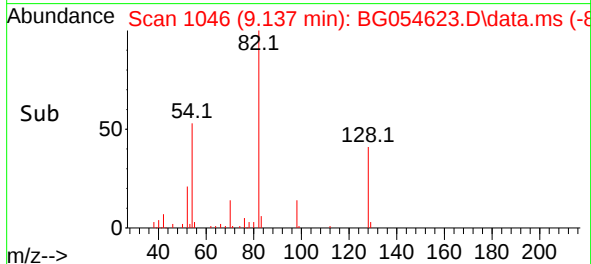
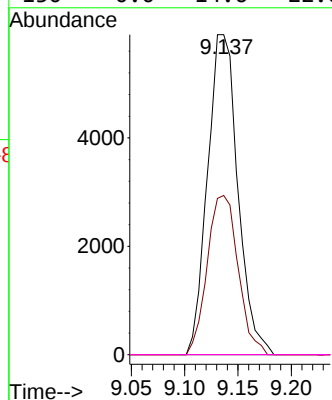
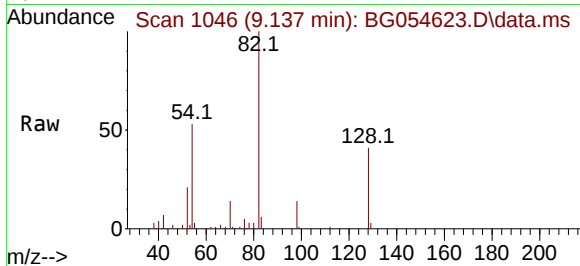




#19
n-Nitroso-di-n-propylamine
Concen: 15.714 ng
RT: 9.137 min Scan# 11689
Delta R.T. 0.358 min
Lab File: BG054623.D
Acq: 12 Aug 2022 15:26

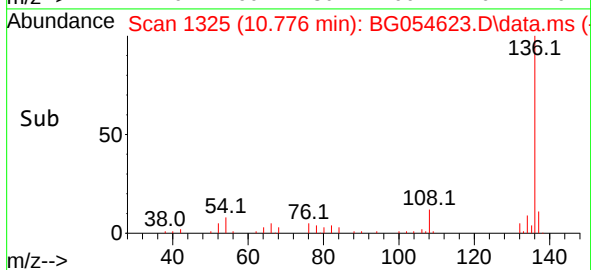
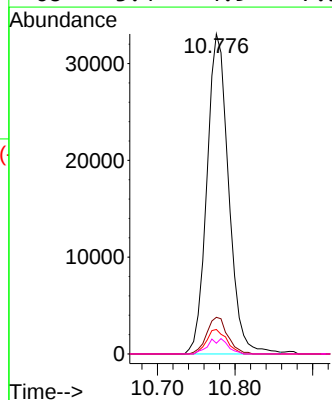
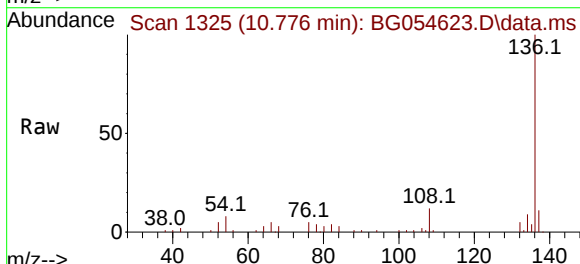
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-11

Tgt Ion:	70	Resp:	11689
Ion Ratio	Lower	Upper	
70	100		
42	49.8	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: 10.776 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BG054623.D
Acq: 12 Aug 2022 15:26

Tgt Ion:	136	Resp:	64414
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	7.6	7.4	11.2
68	3.4	4.9	7.3#

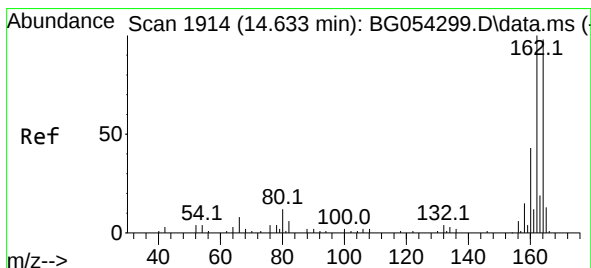
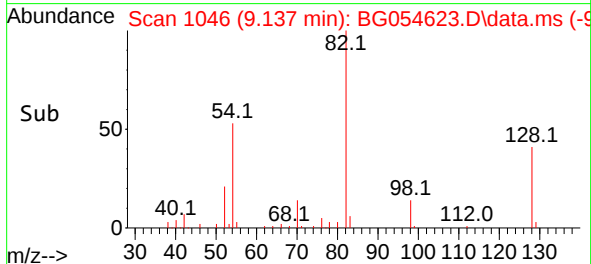
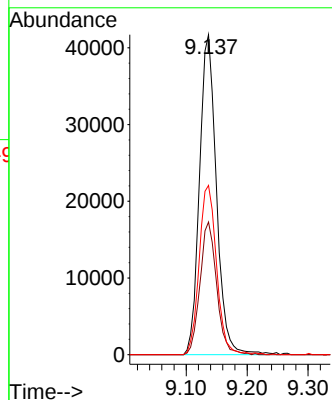
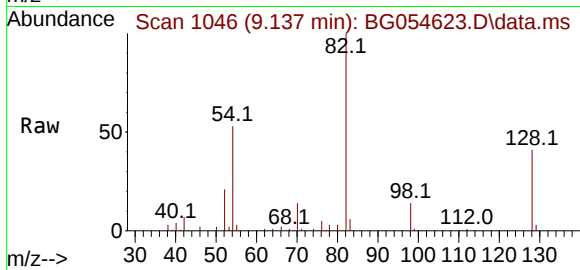




#23
 Nitrobenzene-d5
 Concen: 68.254 ng
 RT: 9.137 min Scan# 1046
 Delta R.T. -0.001 min
 Lab File: BG054623.D
 Acq: 12 Aug 2022 15:26

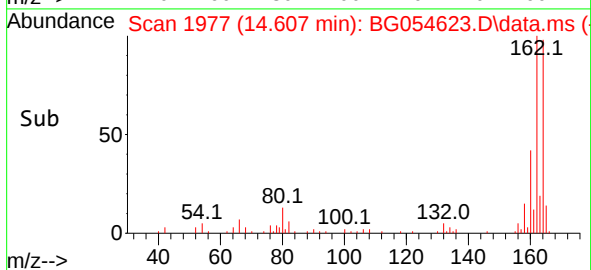
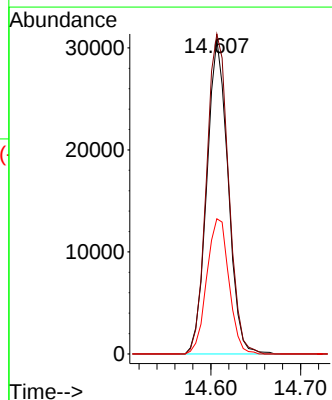
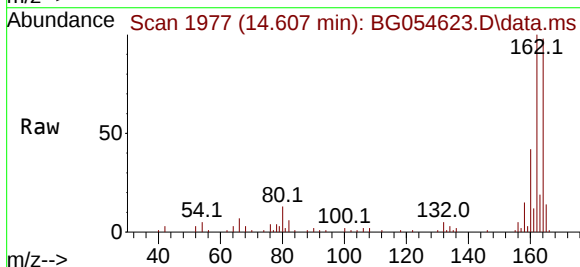
Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-11

Tgt Ion: 82 Resp: 80734
 Ion Ratio Lower Upper
 82 100
 128 41.5 27.9 41.9
 54 52.9 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: BG054623.D
 Acq: 12 Aug 2022 15:26

Tgt Ion: 164 Resp: 50671
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.3 123.5
 160 42.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 91.810 ng

RT: 16.105 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054623.D

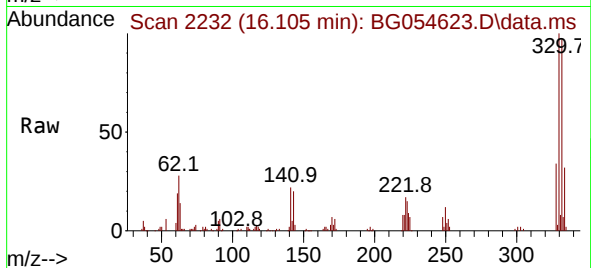
Acq: 12 Aug 2022 15:26

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-11



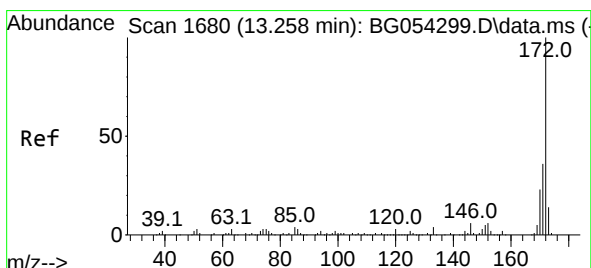
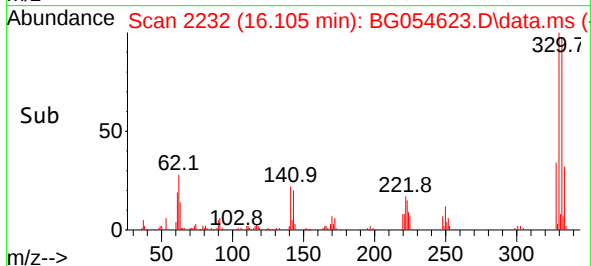
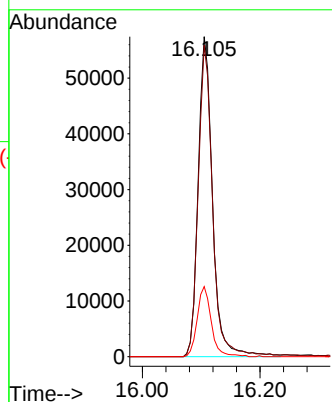
Tgt Ion:330 Resp: 97677

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 21.4 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 68.060 ng

RT: 13.226 min Scan# 1742

Delta R.T. -0.001 min

Lab File: BG054623.D

Acq: 12 Aug 2022 15:26

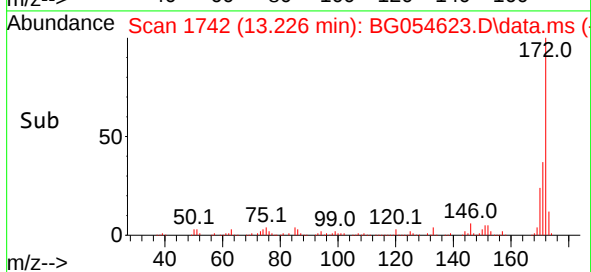
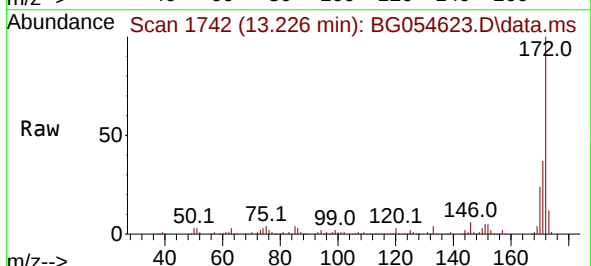
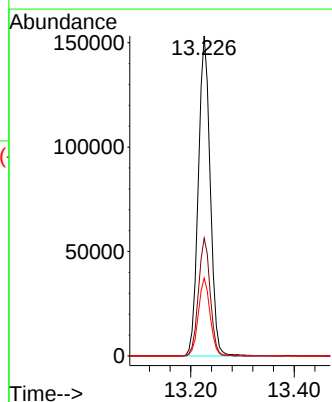
Tgt Ion:172 Resp: 244467

Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

170 24.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.081 ng

RT: 14.607 min Scan# 1977

Delta R.T. 0.417 min

Lab File: BG054623.D

Acq: 12 Aug 2022 15:26

Instrument :

BNA_G

ClientSampleId :

BEACONPOINT-BACKFILL-11

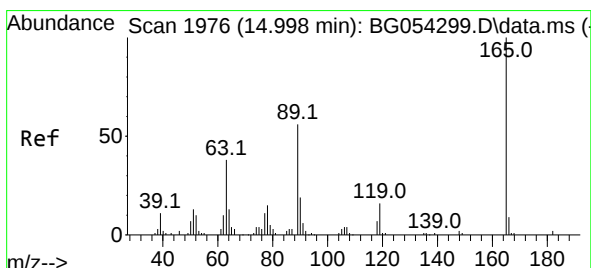
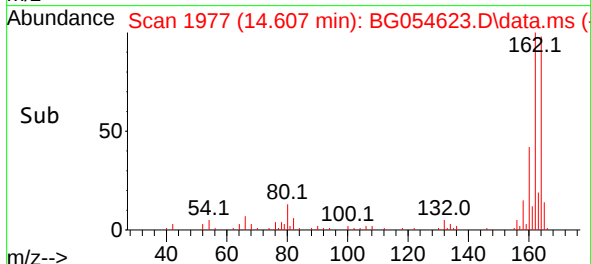
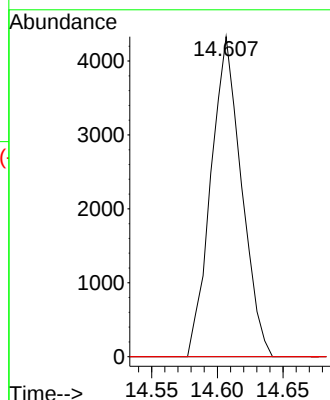
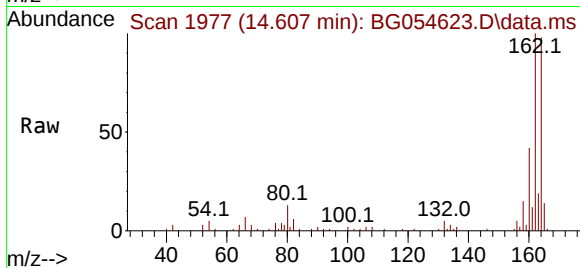
Tgt Ion:165 Resp: 7015

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: 5.637 ng

RT: 14.607 min Scan# 1977

Delta R.T. -0.388 min

Lab File: BG054623.D

Acq: 12 Aug 2022 15:26

Tgt Ion:165 Resp: 7015

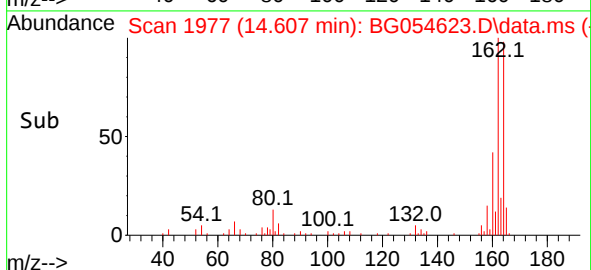
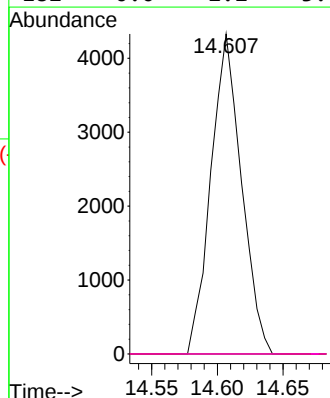
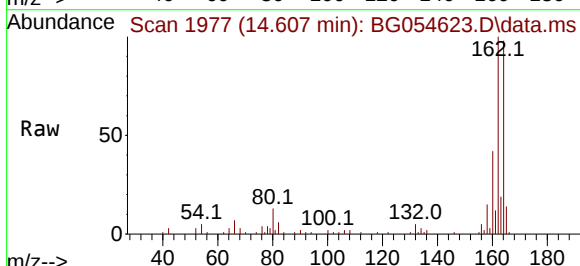
Ion Ratio Lower Upper

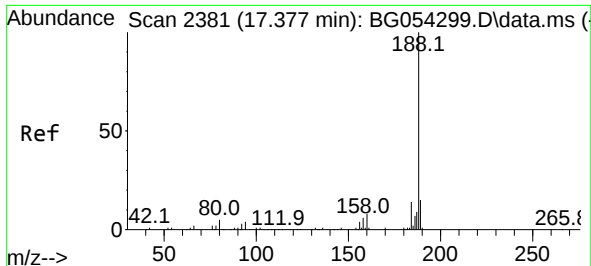
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

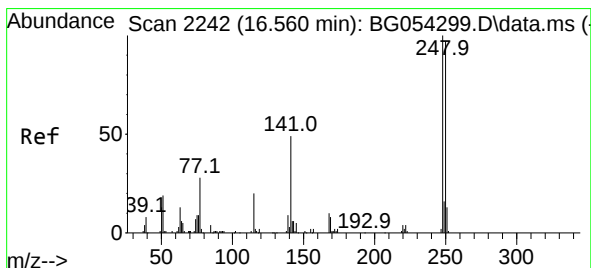
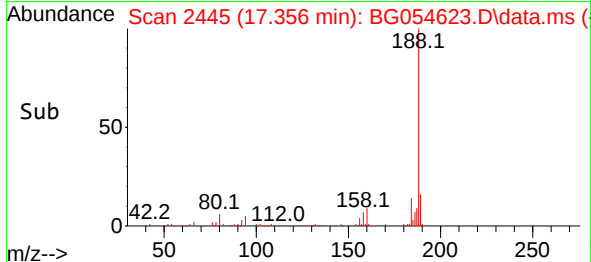
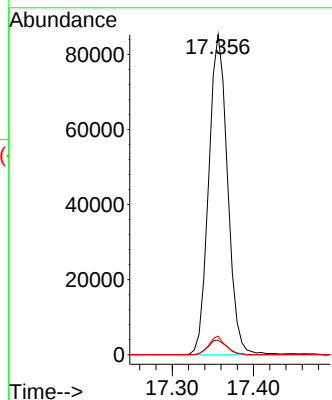
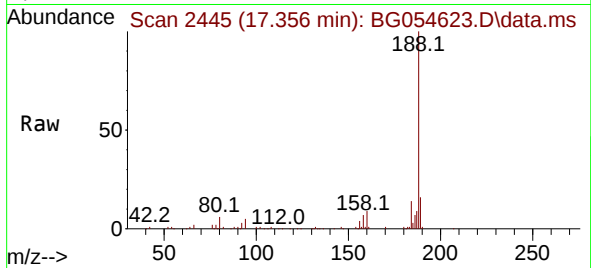




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BG054623.D
Acq: 12 Aug 2022 15:26

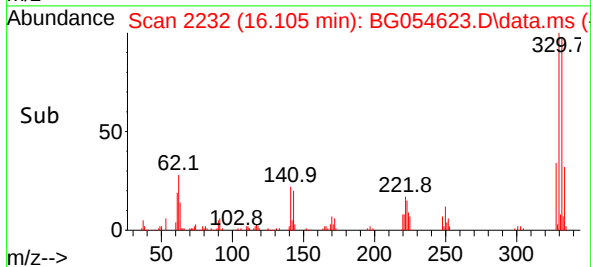
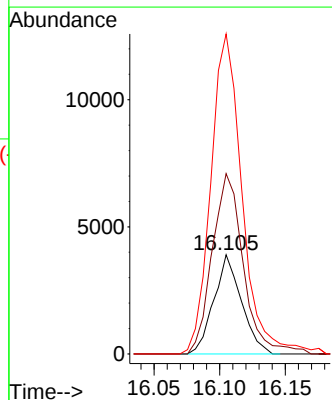
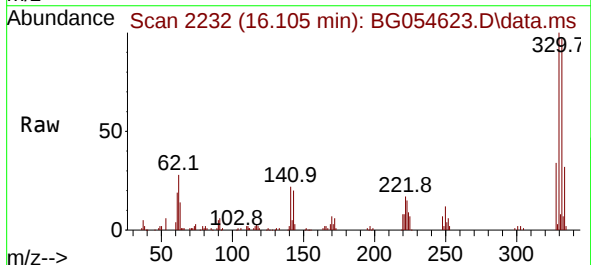
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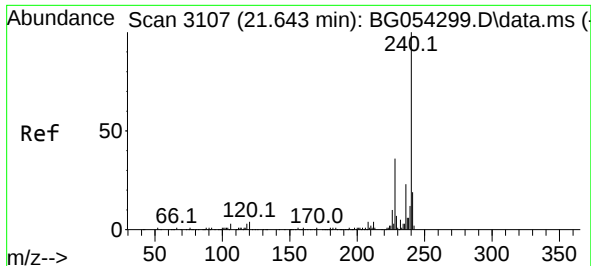
Tgt Ion:188 Resp: 137286
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.8 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 2.958 ng
RT: 16.105 min Scan# 2232
Delta R.T. -0.435 min
Lab File: BG054623.D
Acq: 12 Aug 2022 15:26

Tgt Ion:248 Resp: 5704
Ion Ratio Lower Upper
248 100
250 181.6 75.2 112.8#
141 322.3 50.0 75.0#

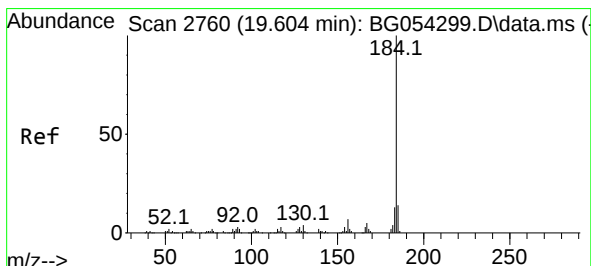
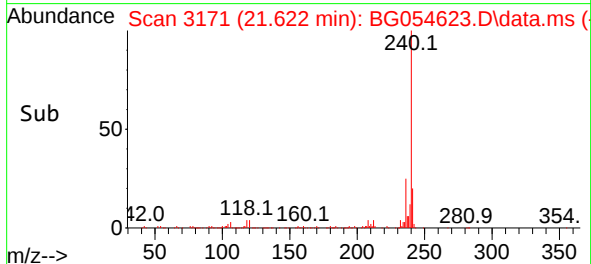
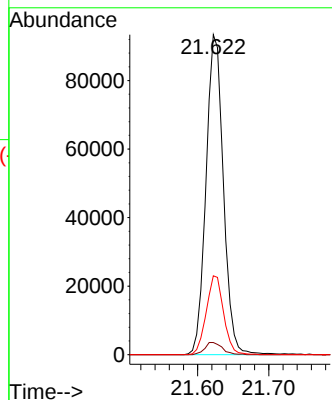
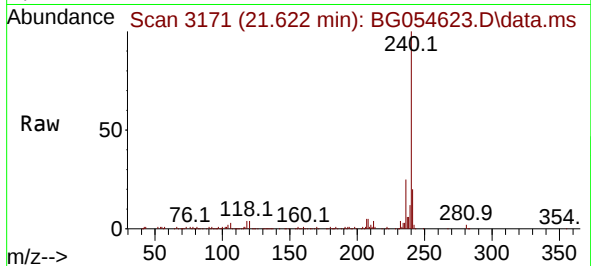




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BG054623.D
Acq: 12 Aug 2022 15:26

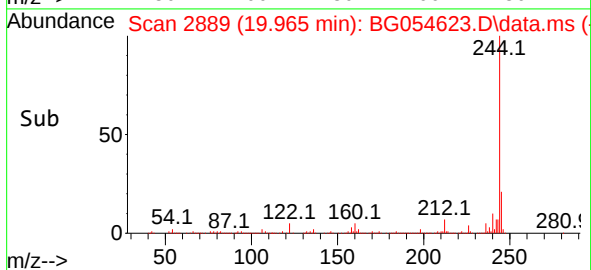
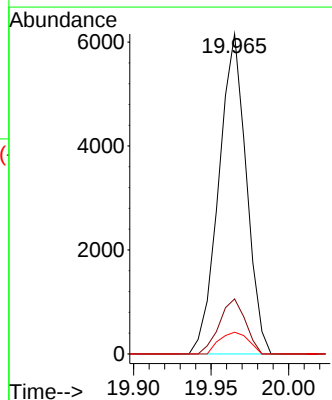
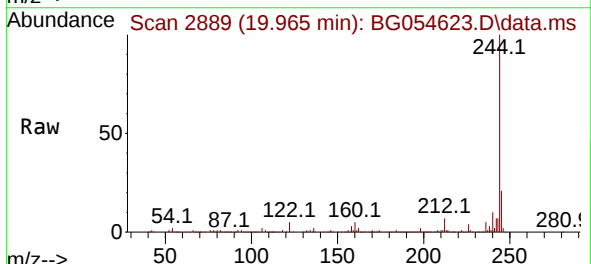
Instrument :
BNA_G
ClientSampleId :
BEACONPOINT-BACKFILL-11

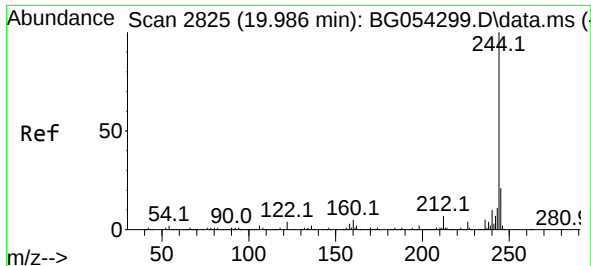
Tgt Ion:240 Resp: 159005
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 24.7 20.2 30.4



#77
Benzidine
Concen: 2.635 ng
RT: 19.965 min Scan# 2889
Delta R.T. 0.375 min
Lab File: BG054623.D
Acq: 12 Aug 2022 15:26

Tgt Ion:184 Resp: 7589
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 6.8 8.9 13.3#

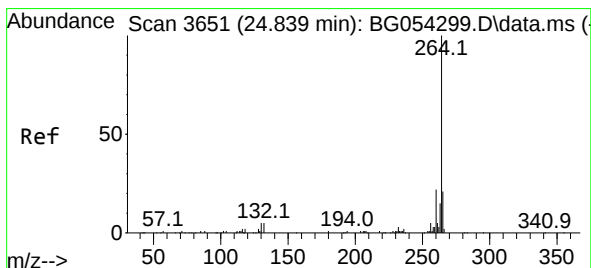
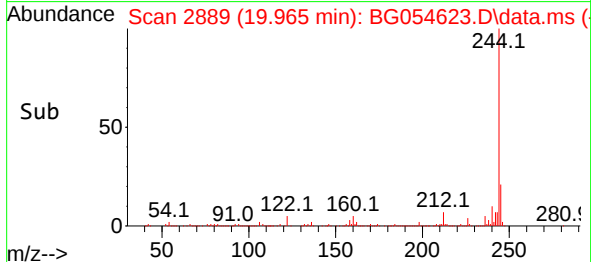
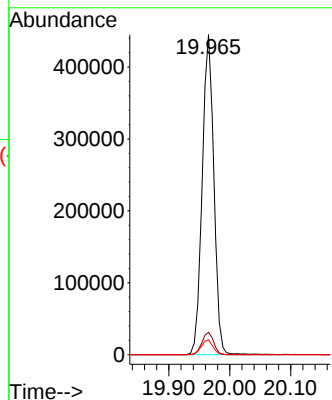
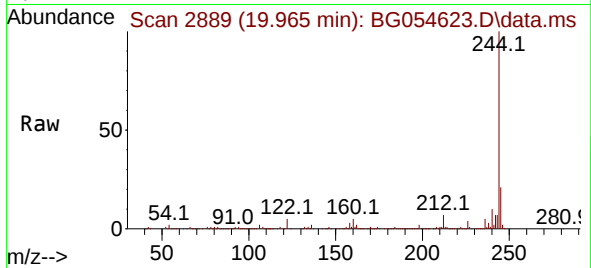




#79
 Terphenyl-d14
 Concen: 73.499 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054623.D
 Acq: 12 Aug 2022 15:26

Instrument :
 BNA_G
 ClientSampleId :
 BEACONPOINT-BACKFILL-11

Tgt Ion:244 Resp: 589109
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.830 min Scan# 3717
 Delta R.T. 0.005 min
 Lab File: BG054623.D
 Acq: 12 Aug 2022 15:26

Tgt Ion:264 Resp: 165011
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 19.7 17.4 26.2

