

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054770.D
 Acq On : 29 Aug 2022 13:10
 Operator : CG/JU
 Sample : N4355-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP082322

Quant Time: Aug 30 02:46:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

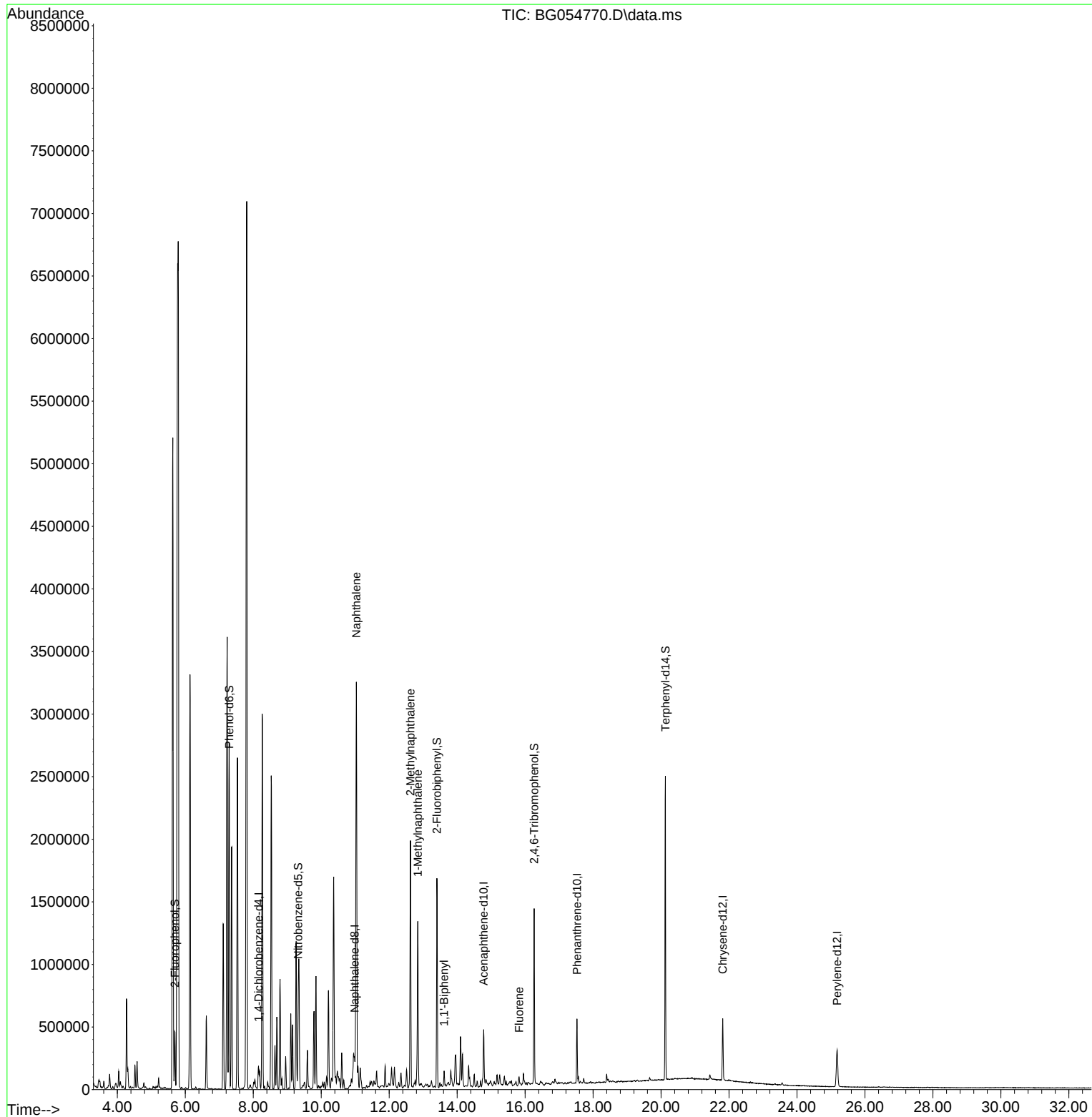
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	53390	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	217926	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	148314	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	327989	20.000	ng	0.00
76) Chrysene-d12	21.813	240	313751	20.000	ng	-0.01
86) Perylene-d12	25.180	264	330258	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	218628	71.307	ng	0.01
7) Phenol-d6	7.295	99	182279	43.472	ng	0.00
23) Nitrobenzene-d5	9.322	82	375385	90.427	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	288573	155.709	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	891830	90.378	ng	0.00
79) Terphenyl-d14	20.127	244	1216975	76.854	ng	0.00
Target Compounds						
					Qvalue	
31) Naphthalene	11.032	128	2684376	229.587	ng	# 91
37) 2-Methylnaphthalene	12.624	142	964796	117.731	ng	99
38) 1-Methylnaphthalene	12.841	142	630869	79.125	ng	99
46) 1,1'-Biphenyl	13.617	154	64840	5.887	ng	99
58) Fluorene	15.820	166	28568	2.603	ng	97

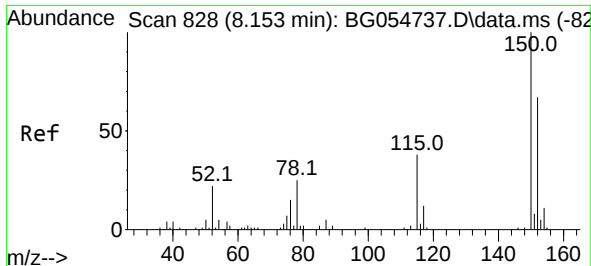
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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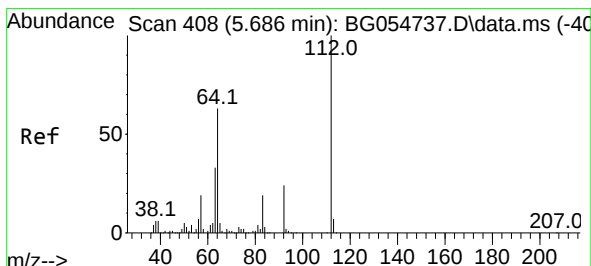
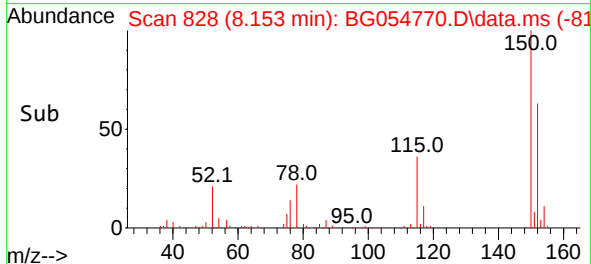
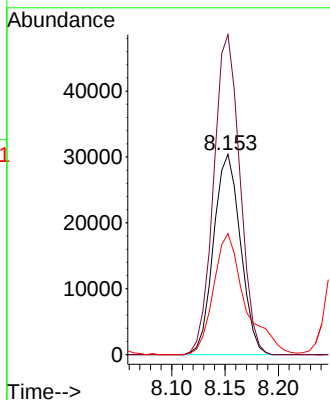
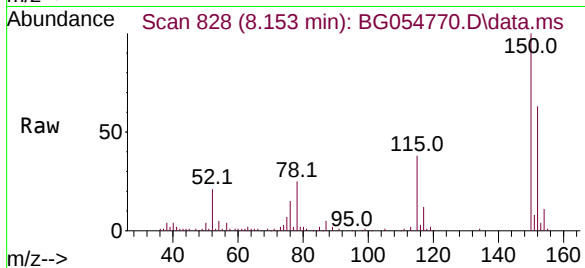




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

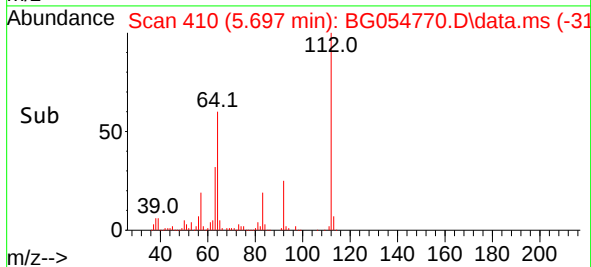
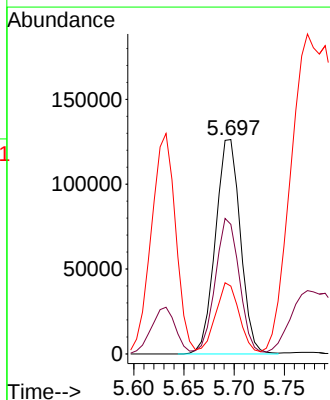
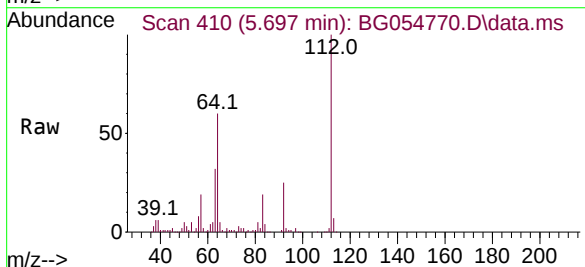
Instrument :
BNA_G
ClientSampleId :
DUP082322

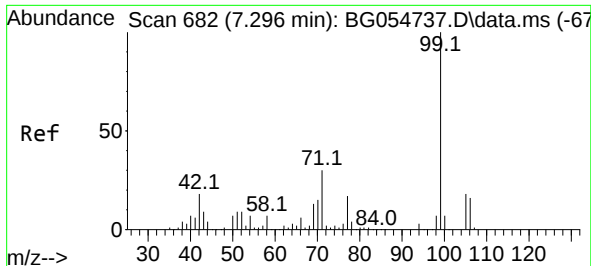
Tgt Ion:152 Resp: 53390
Ion Ratio Lower Upper
152 100
150 159.8 125.2 187.8
115 60.5 47.9 71.9



#5
2-Fluorophenol
Concen: 71.307 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.011 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:112 Resp: 218628
Ion Ratio Lower Upper
112 100
64 60.5 49.3 73.9
63 31.6 26.3 39.5

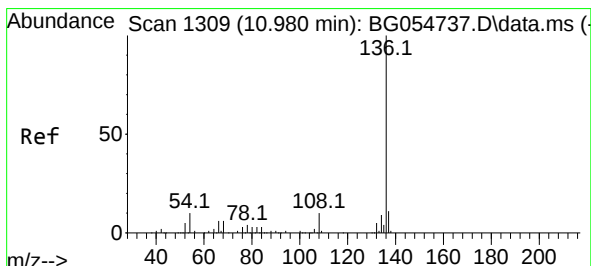
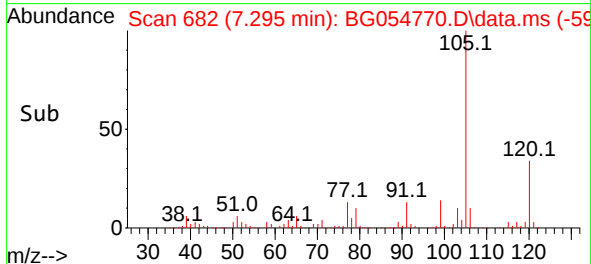
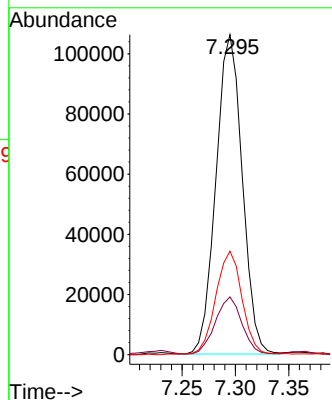
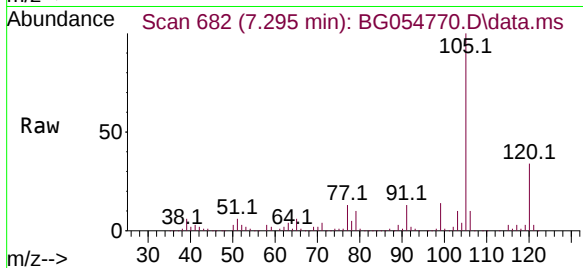




#7
Phenol-d6
Concen: 43.472 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

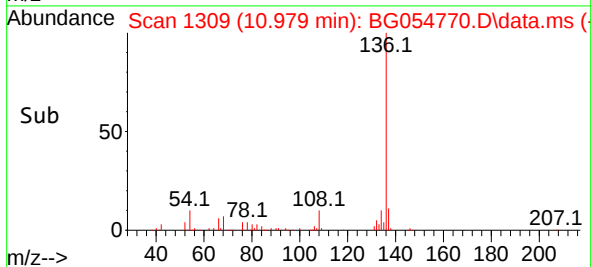
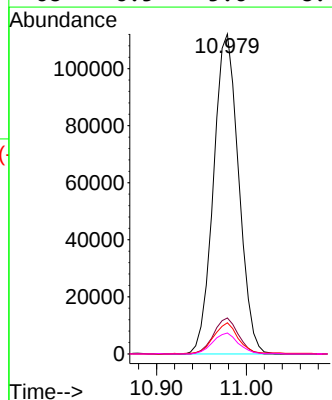
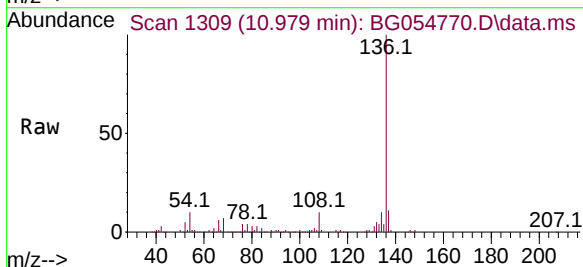
Instrument :
BNA_G
ClientSampleId :
DUP082322

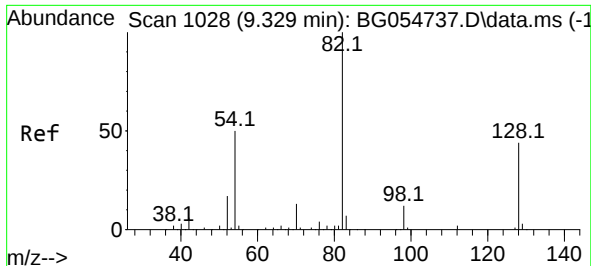
Tgt Ion: 99 Resp: 182279
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 32.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:136 Resp: 217926
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.7 7.7 11.5
68 6.5 5.6 8.4





#23

Nitrobenzene-d5

Concen: 90.427 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.007 min

Lab File: BG054770.D

Acq: 29 Aug 2022 13:10

Instrument :

BNA_G

ClientSampleId :

DUP082322

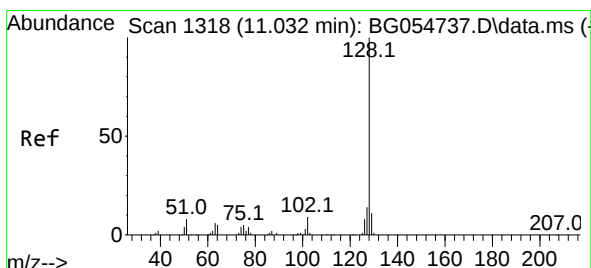
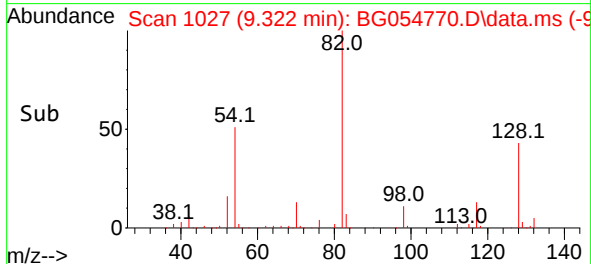
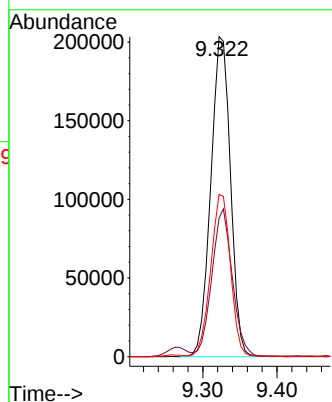
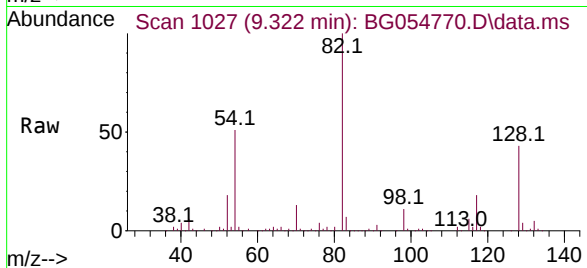
Tgt Ion: 82 Resp: 375385

Ion Ratio Lower Upper

82 100

128 43.3 32.2 48.2

54 50.6 41.4 62.0



#31

Naphthalene

Concen: 229.587 ng

RT: 11.032 min Scan# 1318

Delta R.T. -0.001 min

Lab File: BG054770.D

Acq: 29 Aug 2022 13:10

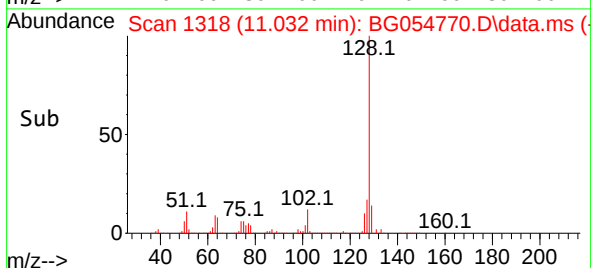
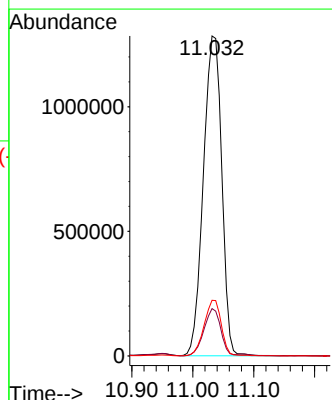
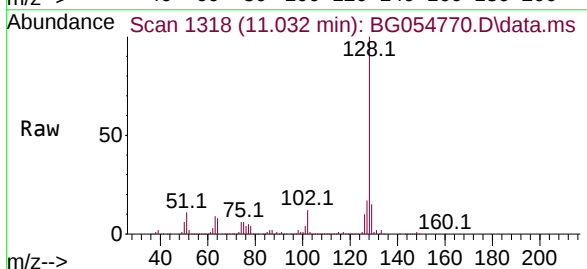
Tgt Ion:128 Resp: 2684376

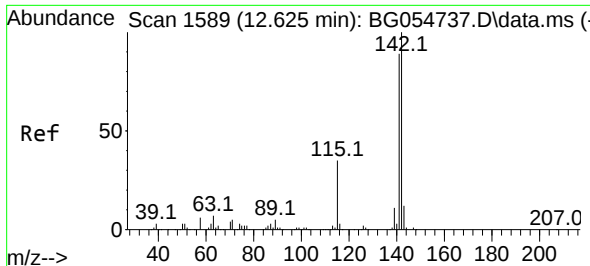
Ion Ratio Lower Upper

128 100

129 14.8 9.0 13.4#

127 17.4 11.1 16.7#

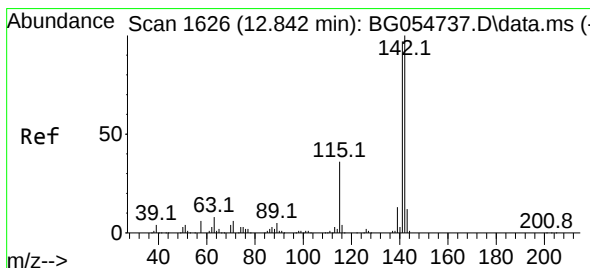
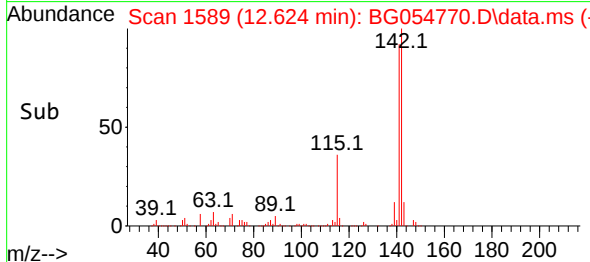
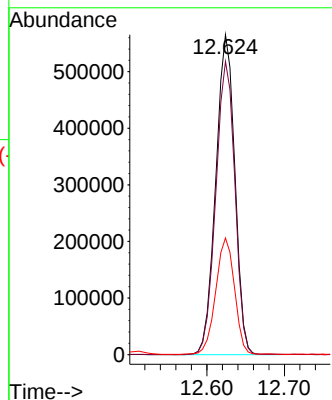
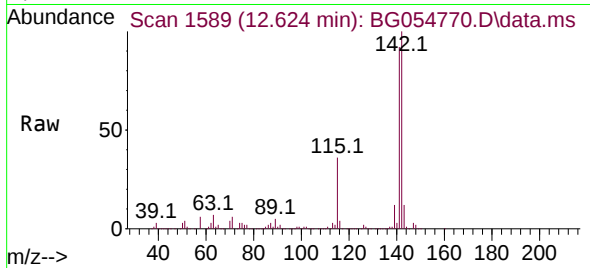




#37
2-Methylnaphthalene
Concen: 117.731 ng
RT: 12.624 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

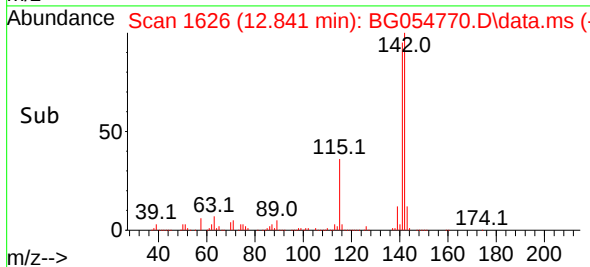
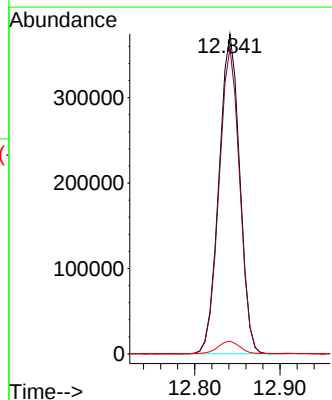
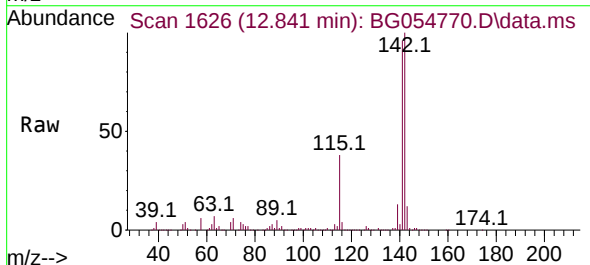
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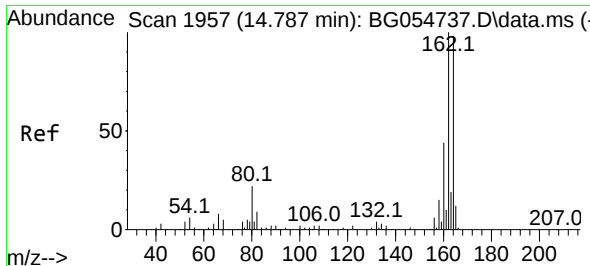
Tgt Ion:142 Resp: 964796
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4
115 36.4 27.3 40.9



#38
1-Methylnaphthalene
Concen: 79.125 ng
RT: 12.841 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:142 Resp: 630869
Ion Ratio Lower Upper
142 100
141 95.6 77.4 116.0
116 4.0 3.0 4.4

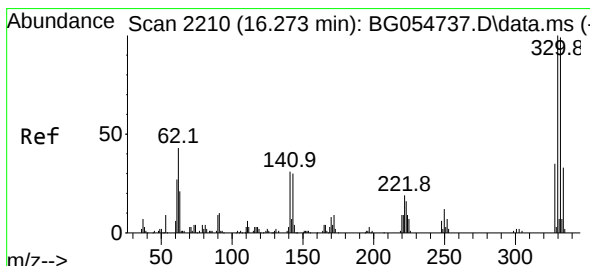
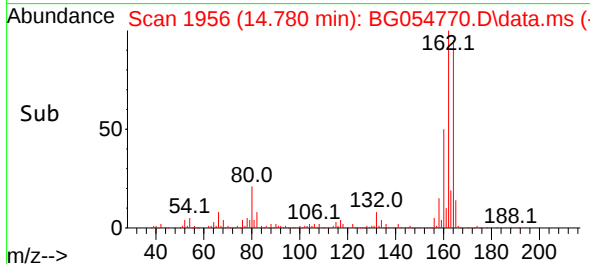
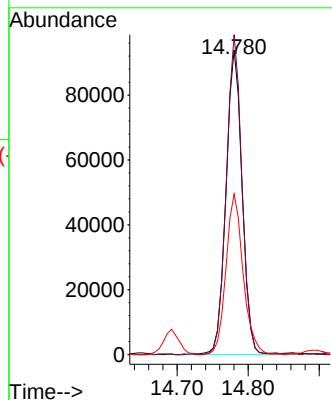
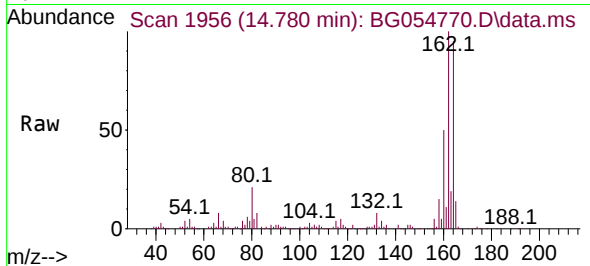




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

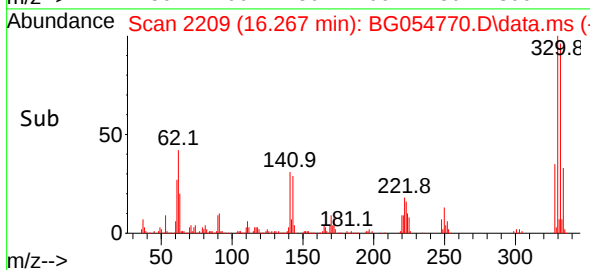
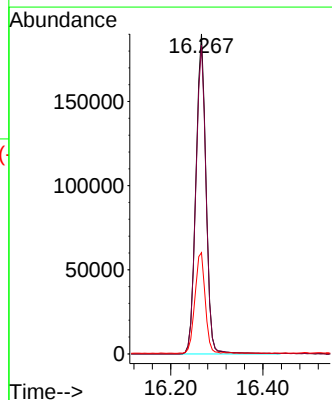
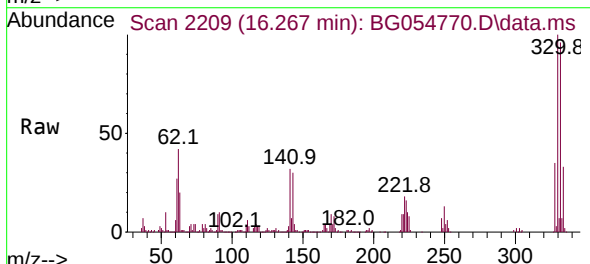
Instrument :
BNA_G
ClientSampleId :
DUP082322

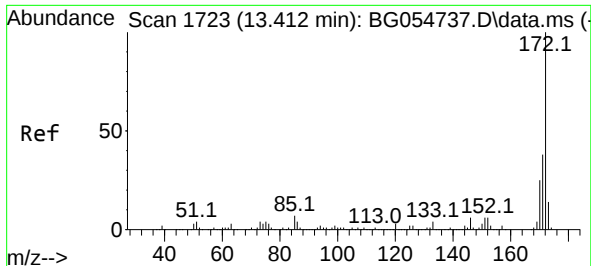
Tgt Ion:164 Resp: 148314
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.4
160 52.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 155.709 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:330 Resp: 288573
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 32.3 26.8 40.2

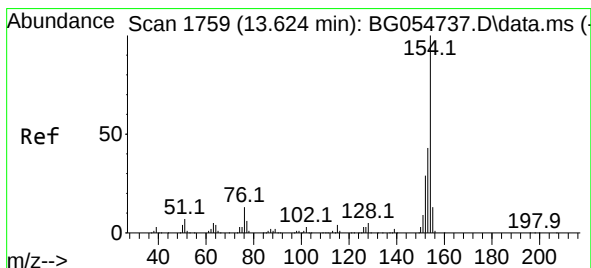
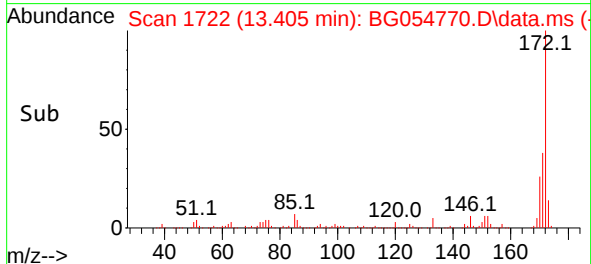
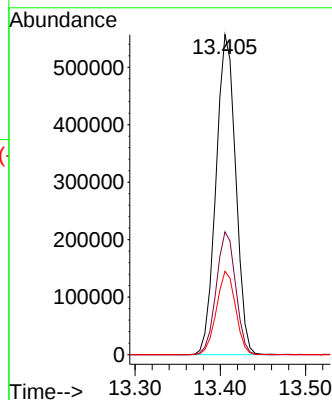
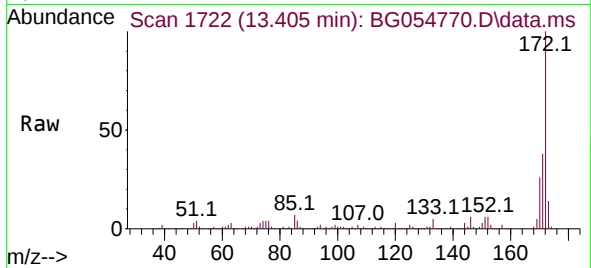




#45
2-Fluorobiphenyl
Concen: 90.378 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

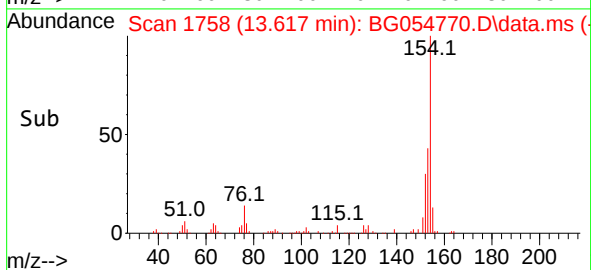
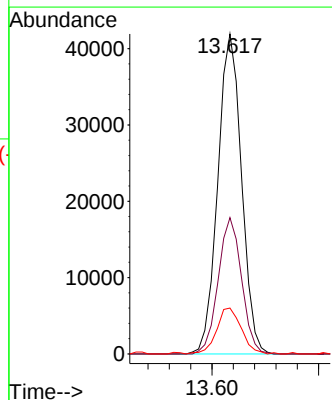
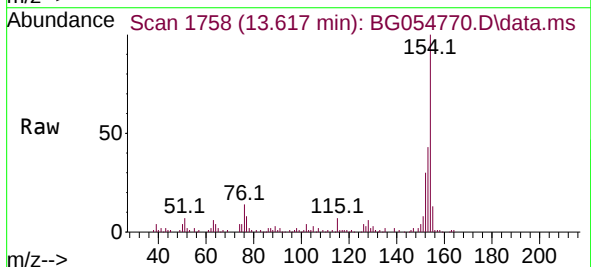
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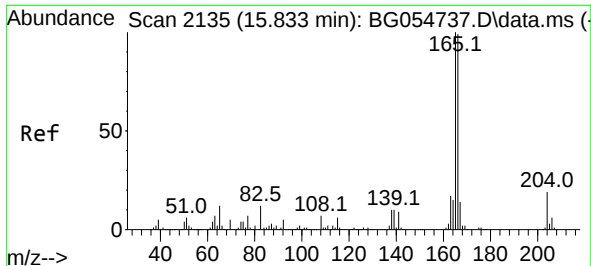
Tgt Ion:172 Resp: 891830
Ion Ratio Lower Upper
172 100
171 38.4 31.2 46.8
170 26.0 20.6 30.8



#46
1,1'-Biphenyl
Concen: 5.887 ng
RT: 13.617 min Scan# 1758
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:154 Resp: 64840
Ion Ratio Lower Upper
154 100
153 42.6 22.2 62.2
76 14.3 0.0 34.0

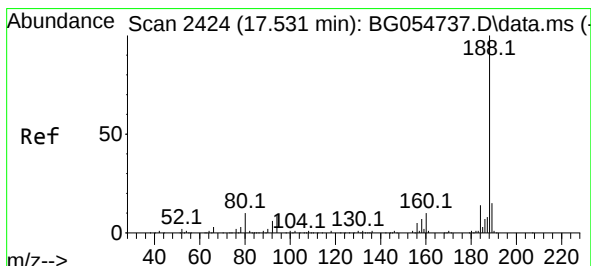
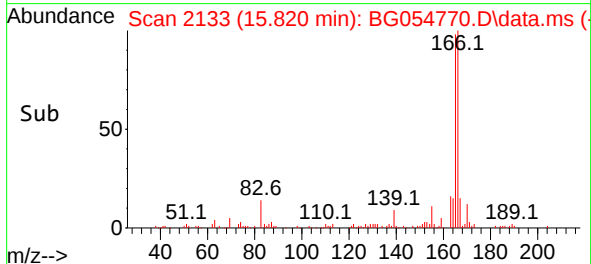
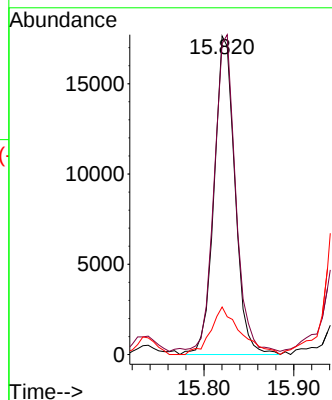
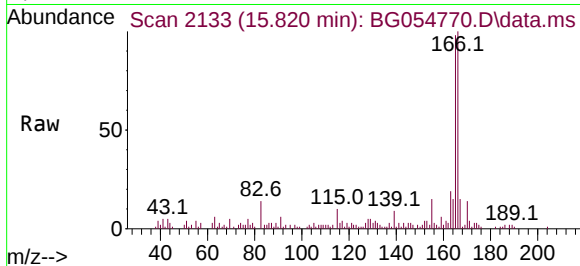




#58
Fluorene
Concen: 2.603 ng
RT: 15.820 min Scan# 2135
Delta R.T. -0.013 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

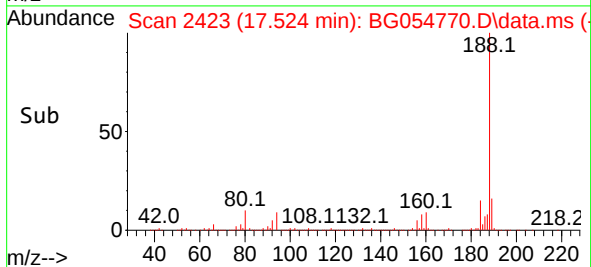
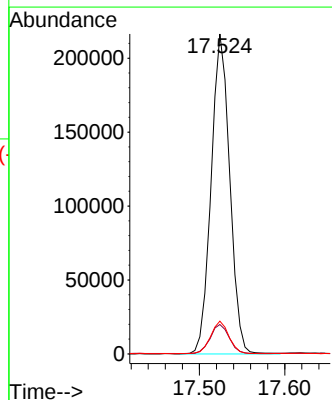
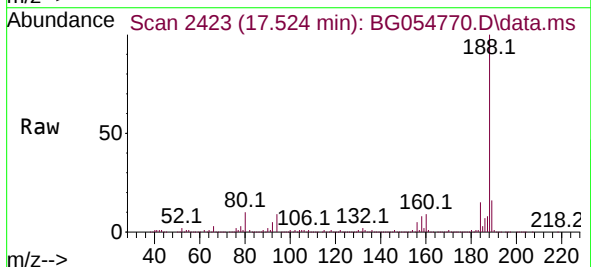
Instrument :
BNA_G
ClientSampleId :
DUP082322

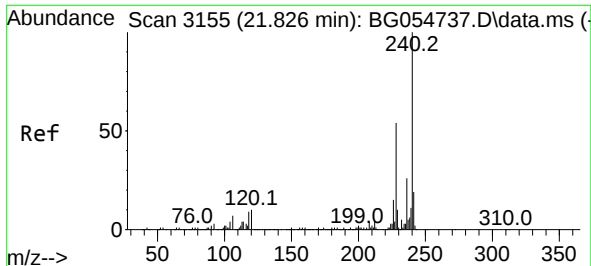
Tgt Ion:166 Resp: 28568
Ion Ratio Lower Upper
166 100
165 97.6 80.8 121.2
167 14.9 11.4 17.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:188 Resp: 327989
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.3 7.9 11.9

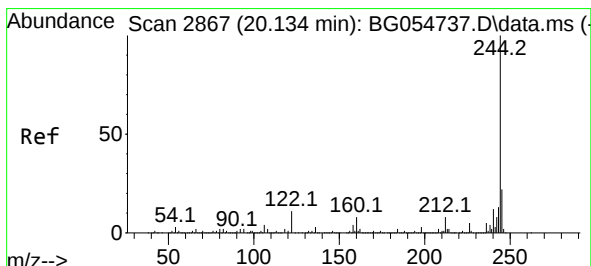
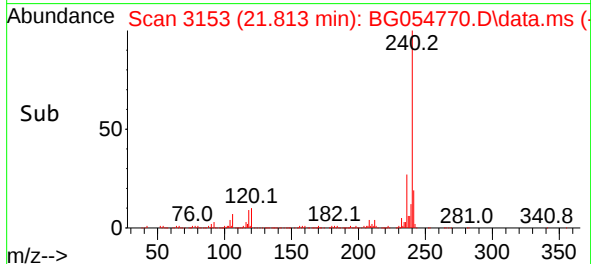
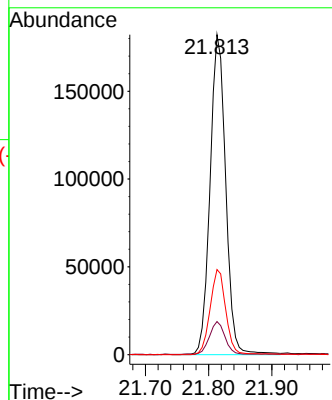
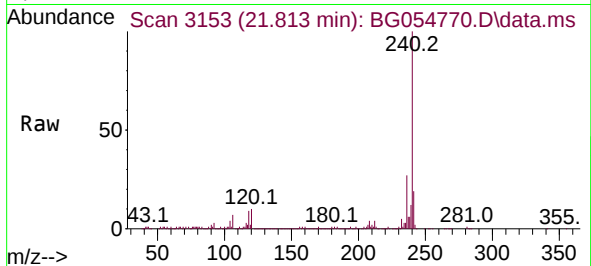




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.013 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

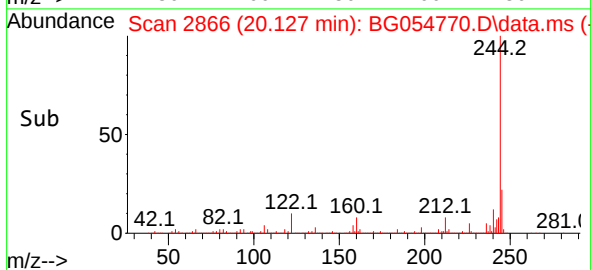
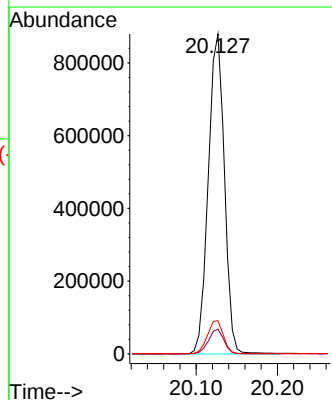
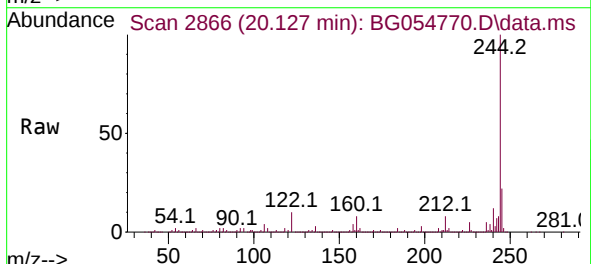
Instrument :
BNA_G
ClientSampleId :
DUP082322

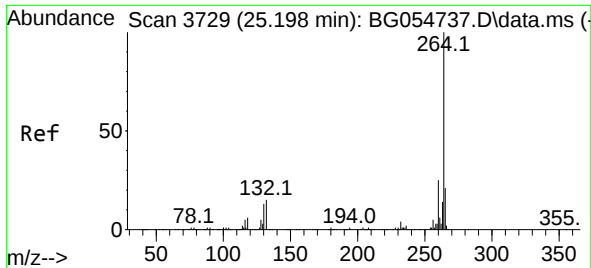
Tgt Ion:240 Resp: 313751
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.6 21.2 31.8



#79
Terphenyl-d14
Concen: 76.854 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

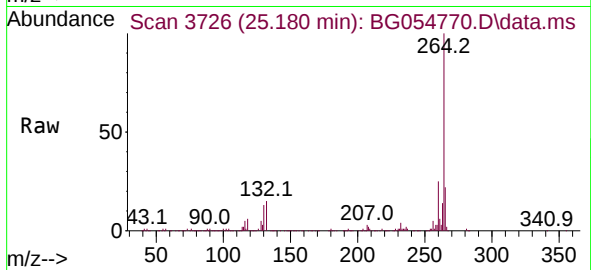
Tgt Ion:244 Resp: 1216975
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.4 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Instrument :
BNA_G
ClientSampleId :
DUP082322



Tgt Ion:264 Resp: 330258
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 21.7 16.9 25.3

