

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054945.D
 Acq On : 14 Sep 2022 16:00
 Operator : CG/JU
 Sample : N4579-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-15

Quant Time: Sep 15 03:20:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

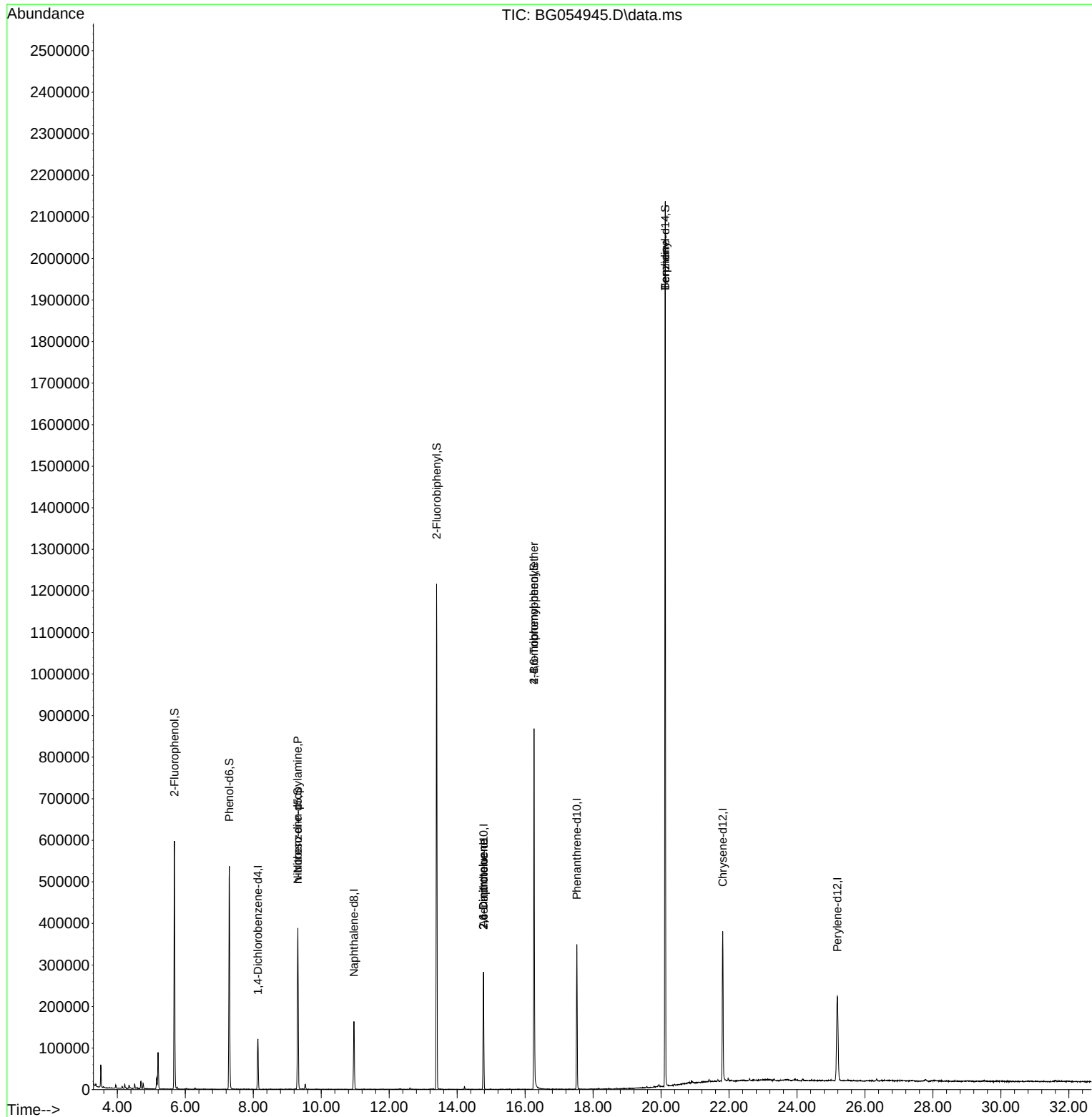
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	38745	20.000	ng	0.00
21) Naphthalene-d8	10.962	136	154458	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	108717	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	238493	20.000	ng	0.00
76) Chrysene-d12	21.814	240	238951	20.000	ng	# 0.00
86) Perylene-d12	25.186	264	249334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	291840	131.165	ng	0.00
7) Phenol-d6	7.295	99	362624	119.172	ng	0.00
23) Nitrobenzene-d5	9.311	82	252840	85.934	ng	0.00
42) 2,4,6-Tribromophenol	16.261	330	206743	152.186	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	663772	91.767	ng	0.00
79) Terphenyl-d14	20.122	244	1108613	91.927	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.311	70	30800	14.719	ng	# 75
51) 2,6-Dinitrotoluene	14.769	165	14302	8.348	ng	# 20
57) 2,4-Dinitrotoluene	14.769	165	14302	6.036	ng	# 18
67) 4-Bromophenyl-phenylether	16.261	248	12834	4.901	ng	# 1
77) Benzidine	20.122	184	15530	2.624	ng	# 92

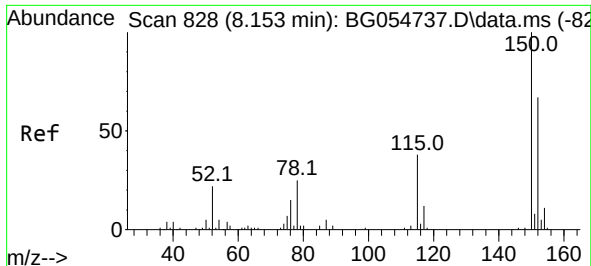
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
Data File : BG054945.D
Acq On : 14 Sep 2022 16:00
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
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CHERRY-HILL-COMP-15

Quant Time: Sep 15 03:20:46 2022
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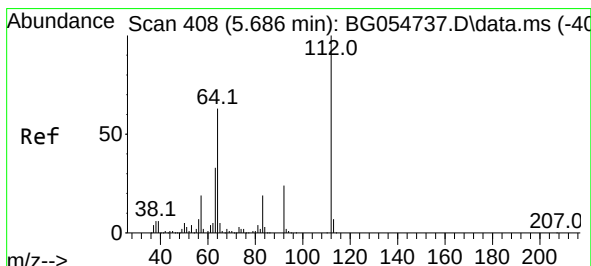
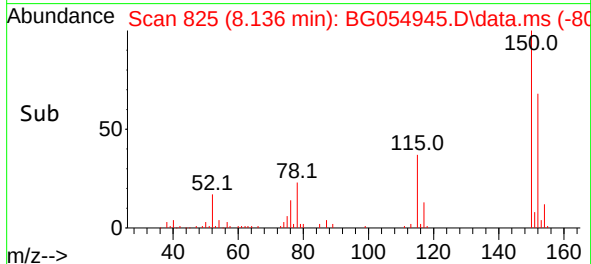
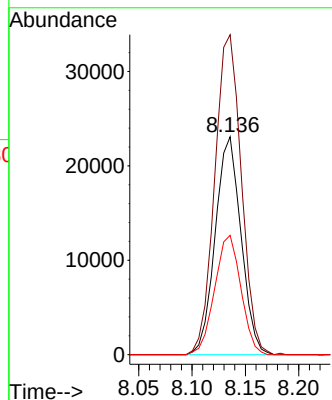
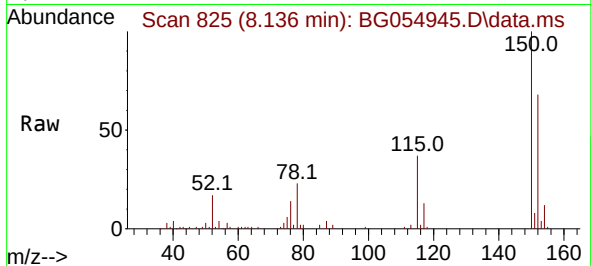




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.136 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

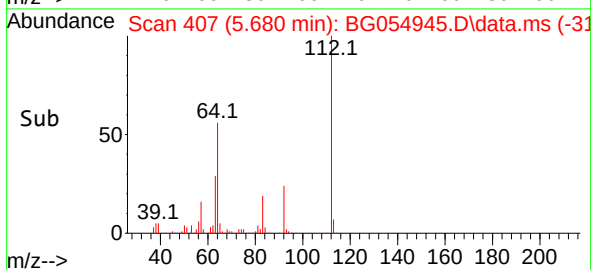
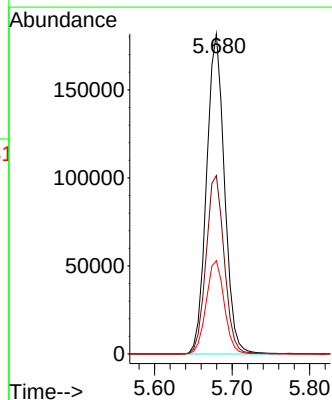
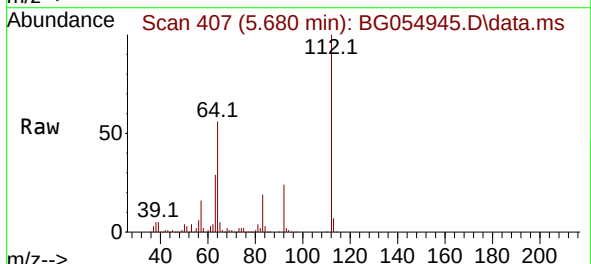
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

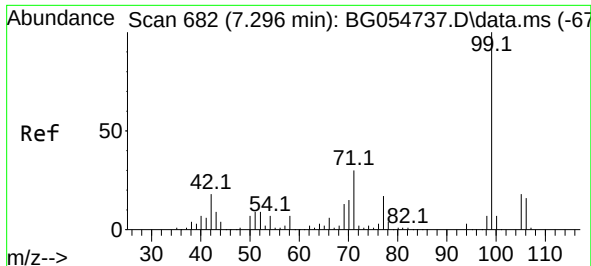
Tgt Ion:152 Resp: 38745
Ion Ratio Lower Upper
152 100
150 146.9 125.2 187.8
115 54.8 47.9 71.9



#5
2-Fluorophenol
Concen: 131.165 ng
RT: 5.680 min Scan# 407
Delta R.T. 0.007 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

Tgt Ion:112 Resp: 291840
Ion Ratio Lower Upper
112 100
64 55.8 49.3 73.9
63 29.1 26.3 39.5

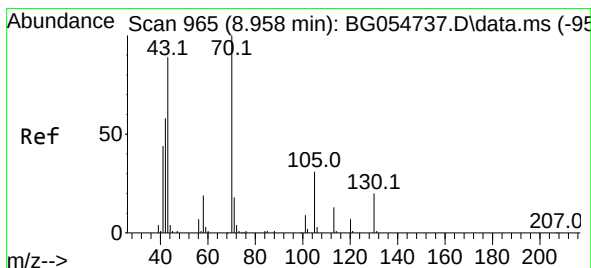
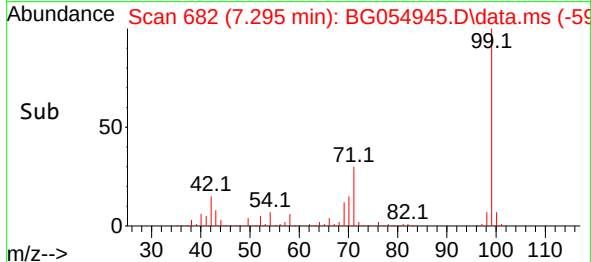
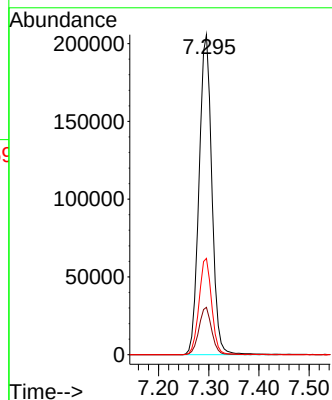
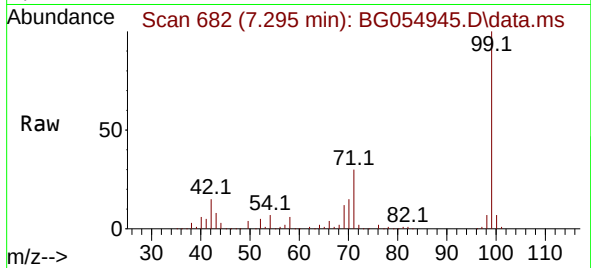




#7
Phenol-d6
Concen: 119.172 ng
RT: 7.295 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

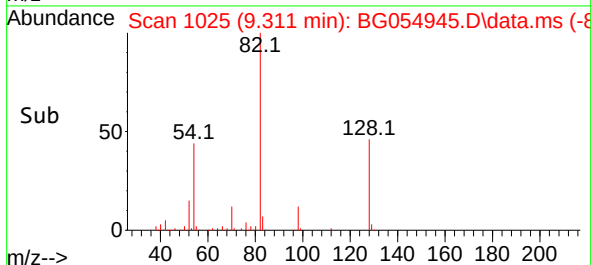
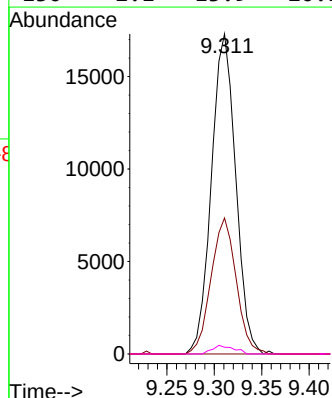
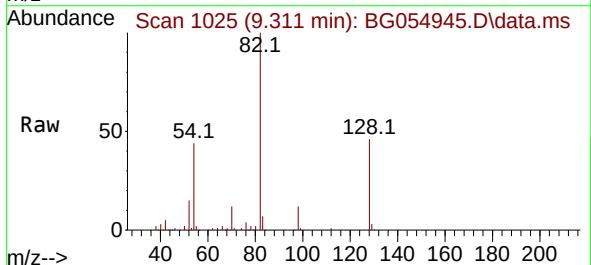
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

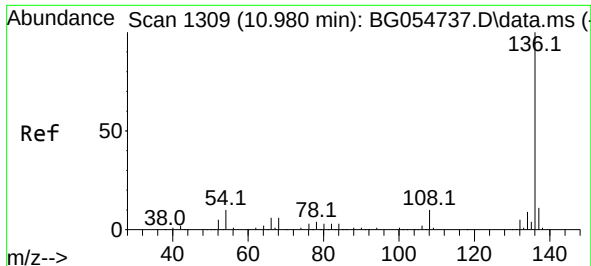
Tgt Ion: 99 Resp: 362624
Ion Ratio Lower Upper
99 100
42 14.8 14.6 22.0
71 30.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.719 ng
RT: 9.311 min Scan# 1025
Delta R.T. 0.371 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

Tgt Ion: 70 Resp: 30800
Ion Ratio Lower Upper
70 100
42 42.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#

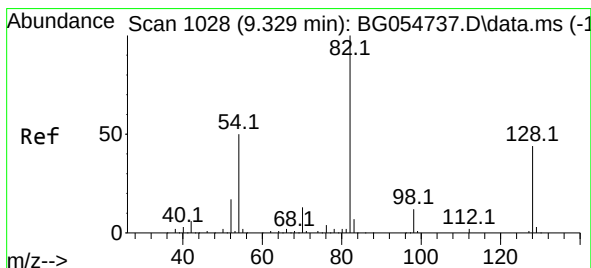
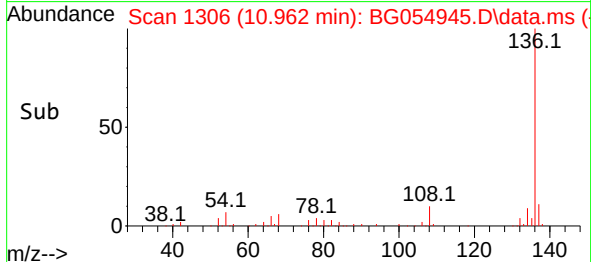
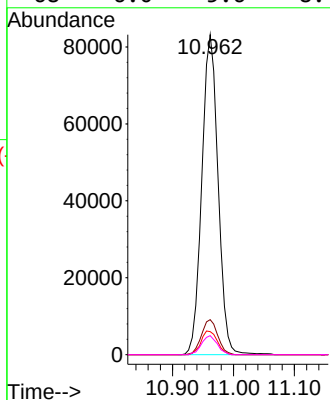
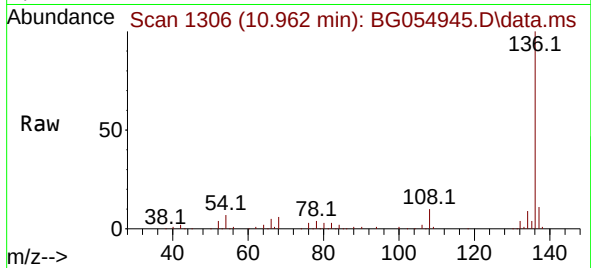




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.962 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

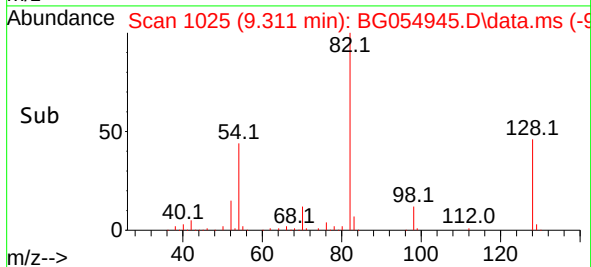
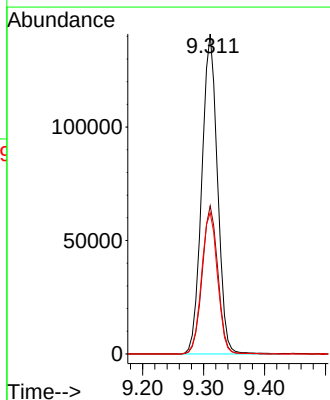
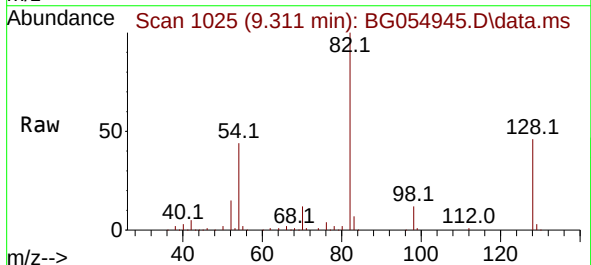
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

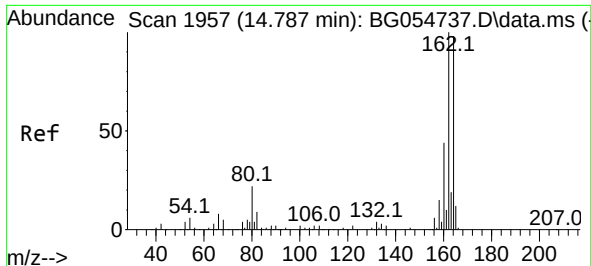
Tgt Ion:136 Resp: 154458
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.2 7.7 11.5#
68 6.0 5.6 8.4



#23
Nitrobenzene-d5
Concen: 85.934 ng
RT: 9.311 min Scan# 1025
Delta R.T. 0.001 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

Tgt Ion: 82 Resp: 252840
Ion Ratio Lower Upper
82 100
128 46.3 32.2 48.2
54 44.1 41.4 62.0

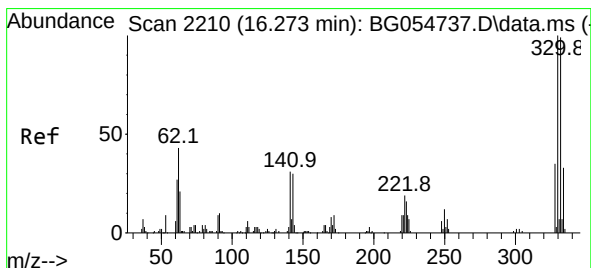
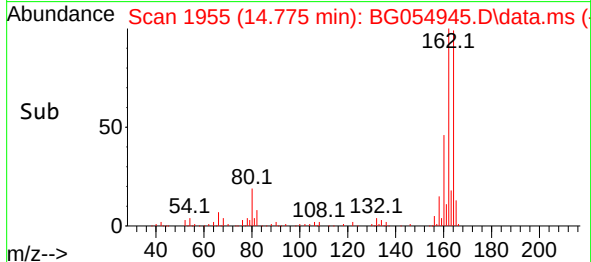
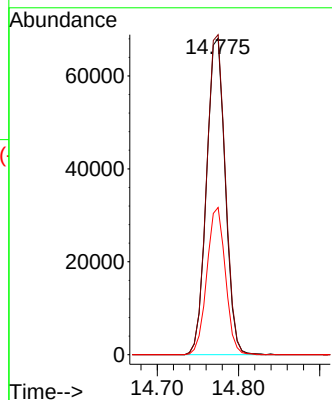
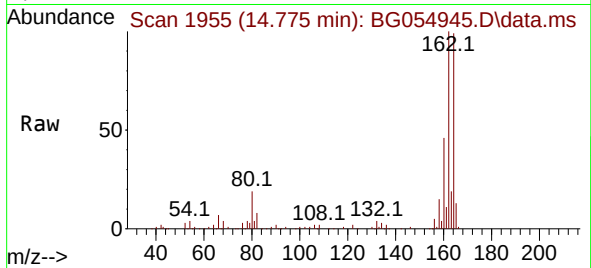




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

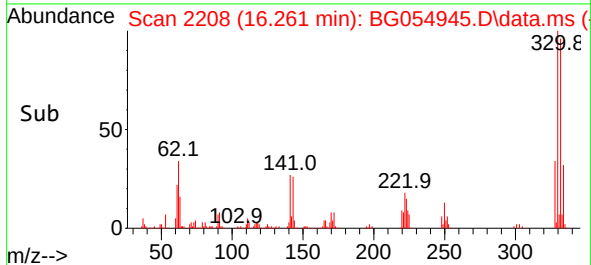
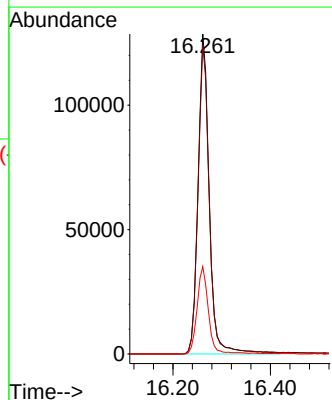
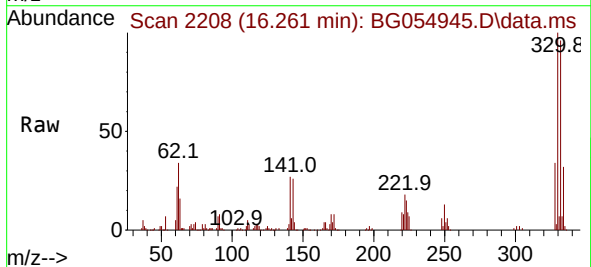
Instrument :
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ClientSampleId :
CHERRY-HILL-COMP-15

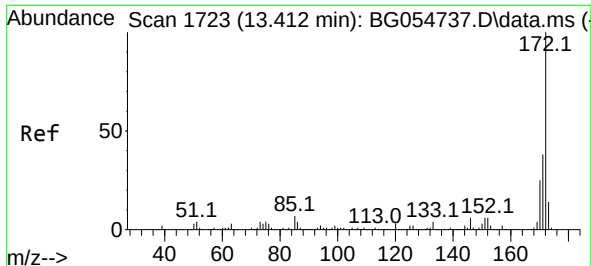
Tgt Ion:164 Resp: 108717
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.4
160 46.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 152.186 ng
RT: 16.261 min Scan# 2208
Delta R.T. 0.001 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

Tgt Ion:330 Resp: 206743
Ion Ratio Lower Upper
330 100
332 96.8 79.8 119.6
141 27.4 26.8 40.2

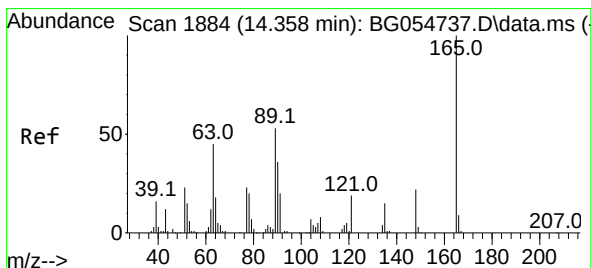
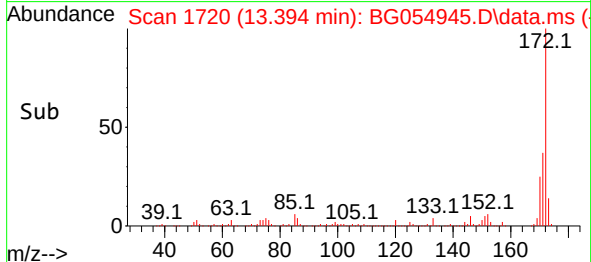
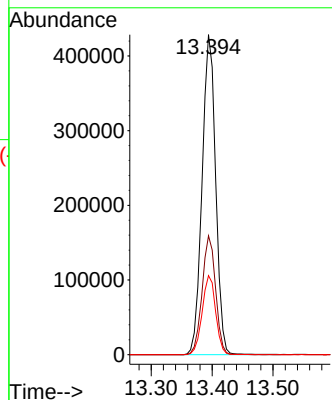
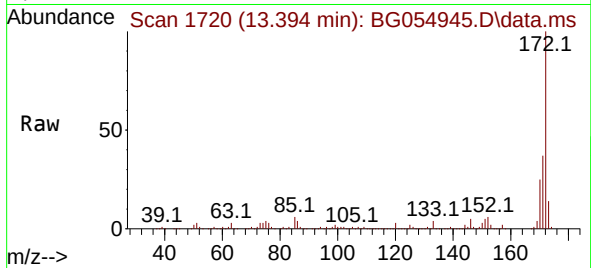




#45
2-Fluorobiphenyl
Concen: 91.767 ng
RT: 13.394 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

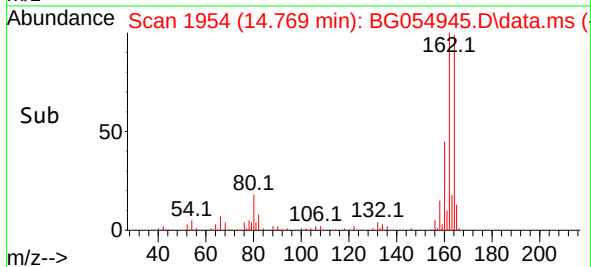
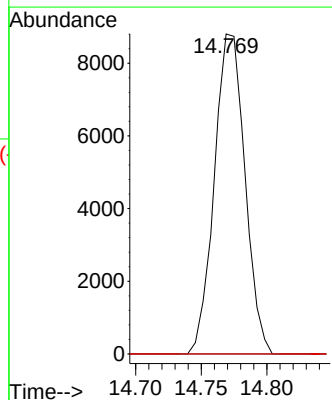
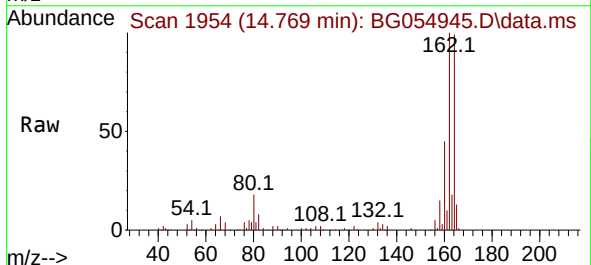
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ClientSampleId :
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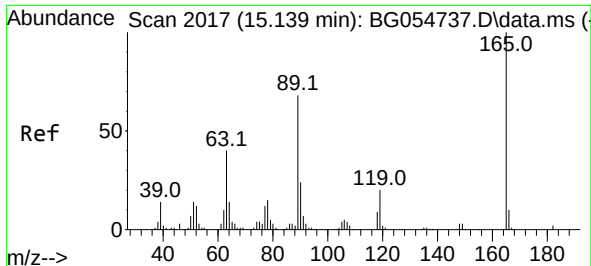
Tgt Ion:172 Resp: 663772
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.348 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.424 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

Tgt Ion:165 Resp: 14302
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.036 ng

RT: 14.769 min Scan# 1954

Delta R.T. -0.369 min

Lab File: BG054945.D

Acq: 14 Sep 2022 16:00

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-15

Tgt Ion:165 Resp: 14302

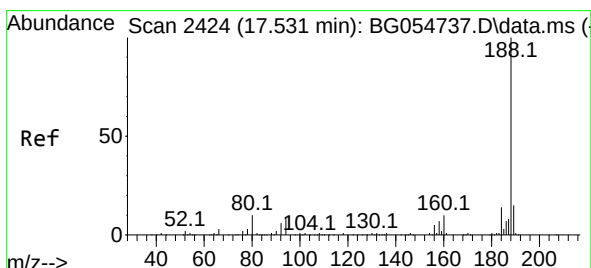
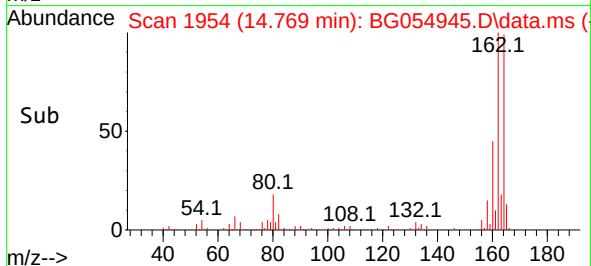
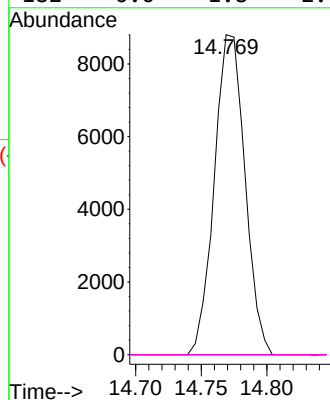
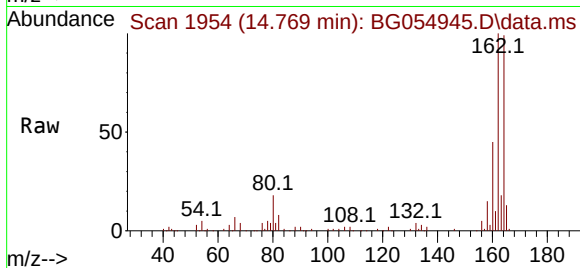
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.519 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG054945.D

Acq: 14 Sep 2022 16:00

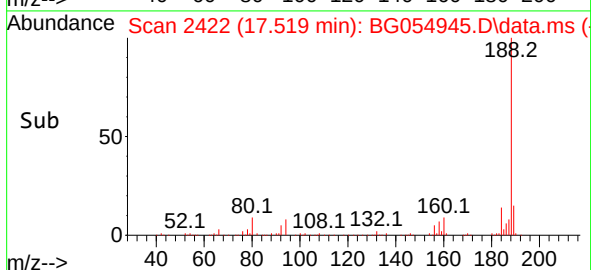
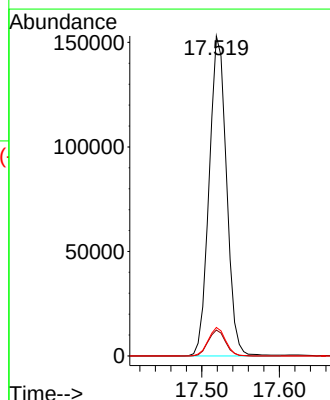
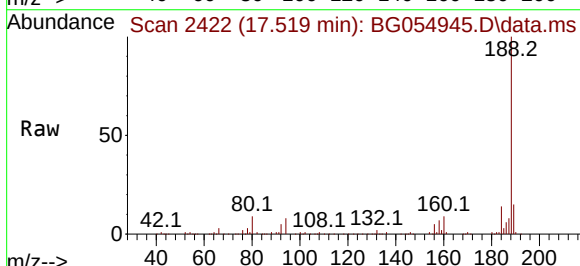
Tgt Ion:188 Resp: 238493

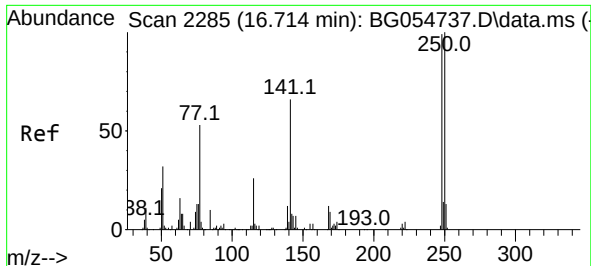
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 8.9 7.9 11.9

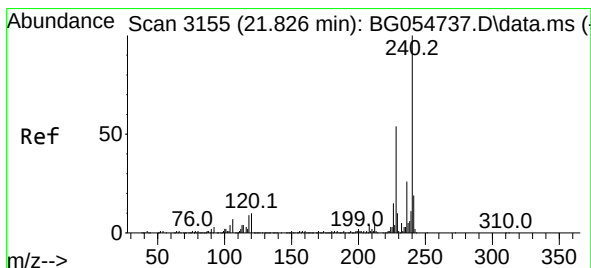
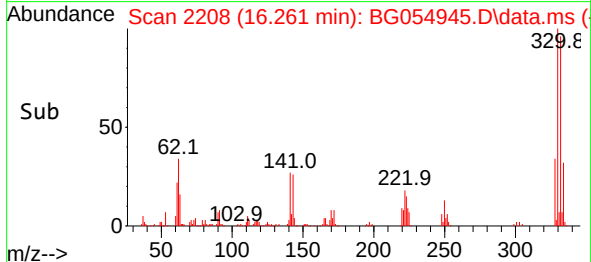
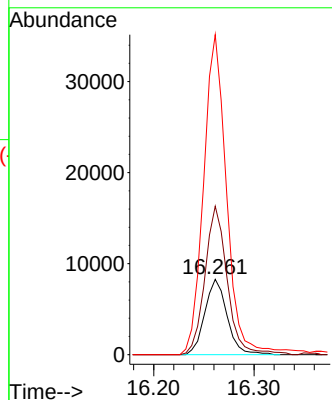
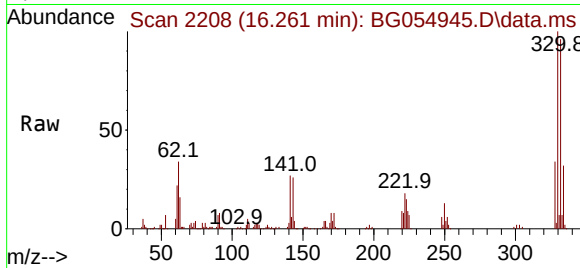




#67
4-Bromophenyl-phenylether
Concen: 4.901 ng
RT: 16.261 min Scan# 211
Delta R.T. -0.440 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

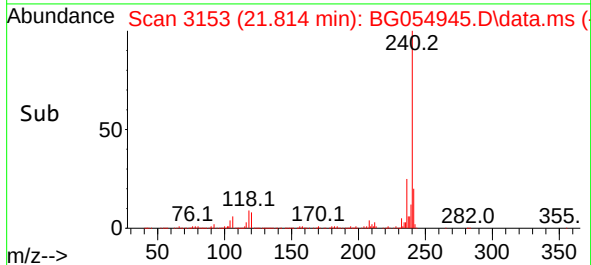
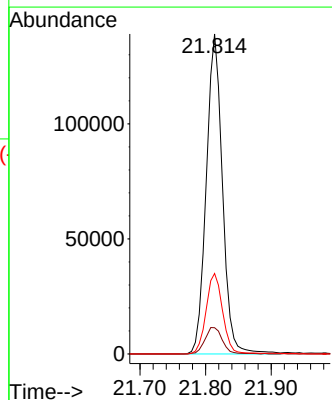
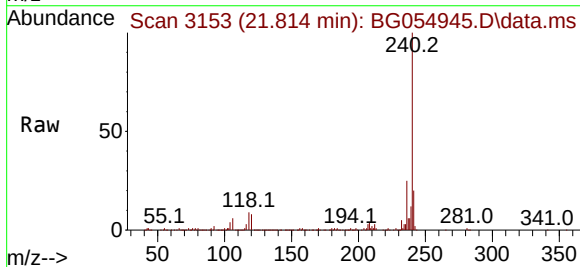
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

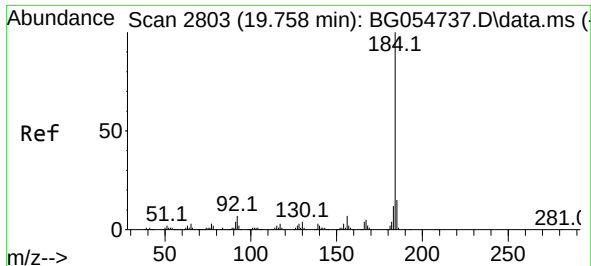
Tgt Ion:248 Resp: 12834
Ion Ratio Lower Upper
248 100
250 197.0 78.8 118.2#
141 424.5 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

Tgt Ion:240 Resp: 238951
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.4#
236 25.2 21.2 31.8

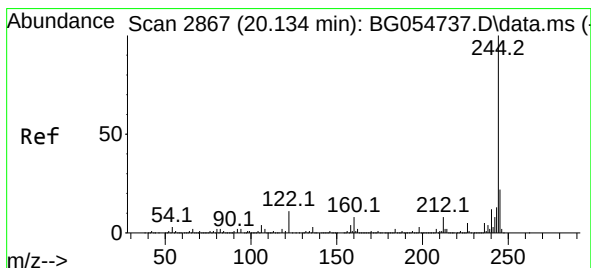
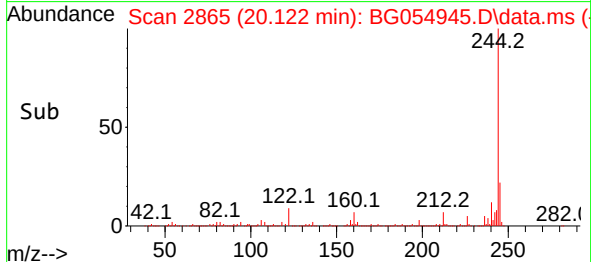
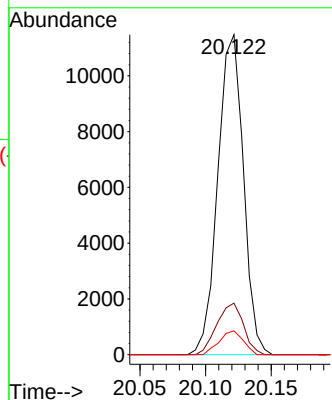
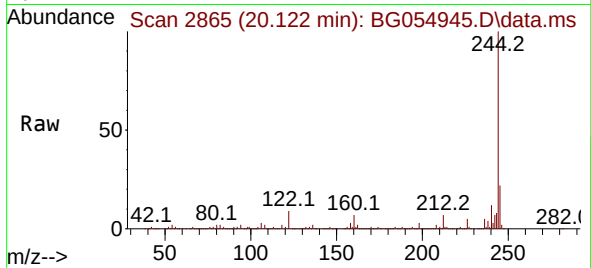




#77
Benzidine
Concen: 2.624 ng
RT: 20.122 min Scan# 2865
Delta R.T. 0.377 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

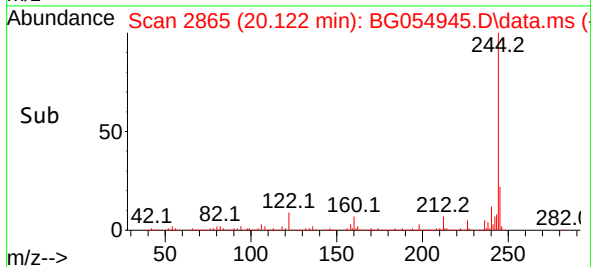
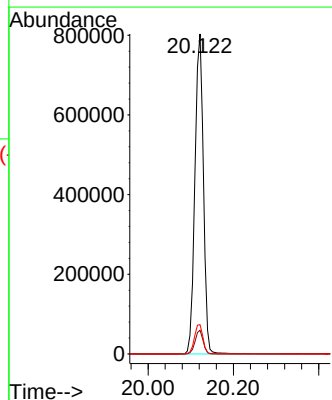
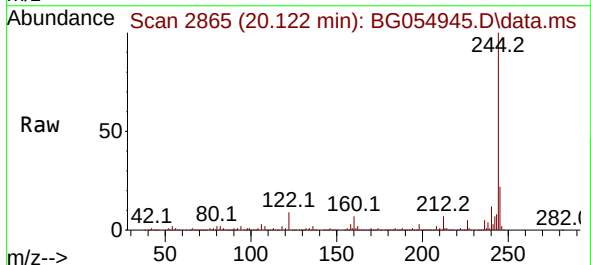
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-15

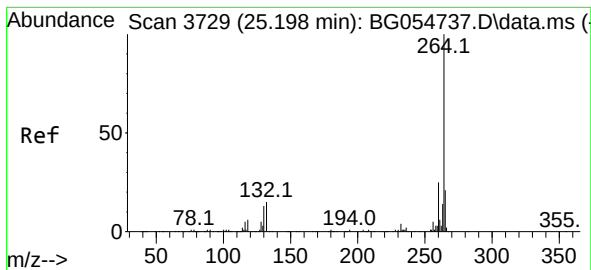
Tgt Ion:184 Resp: 15530
Ion Ratio Lower Upper
184 100
185 16.1 11.4 17.0
183 7.4 9.8 14.8#



#79
Terphenyl-d14
Concen: 91.927 ng
RT: 20.122 min Scan# 2865
Delta R.T. 0.001 min
Lab File: BG054945.D
Acq: 14 Sep 2022 16:00

Tgt Ion:244 Resp: 1108613
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.1 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG054945.D

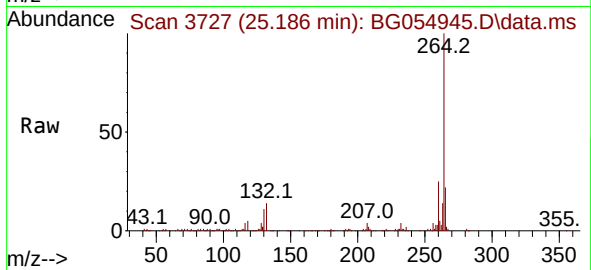
Acq: 14 Sep 2022 16:00

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-15



Tgt Ion:264 Resp: 249334

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 22.1 16.9 25.3

