

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051045.D
 Acq On : 15 Nov 2021 17:21
 Operator : CG/JU
 Sample : M4595-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CMC-OF4-001-002

Quant Time: Nov 15 18:01:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

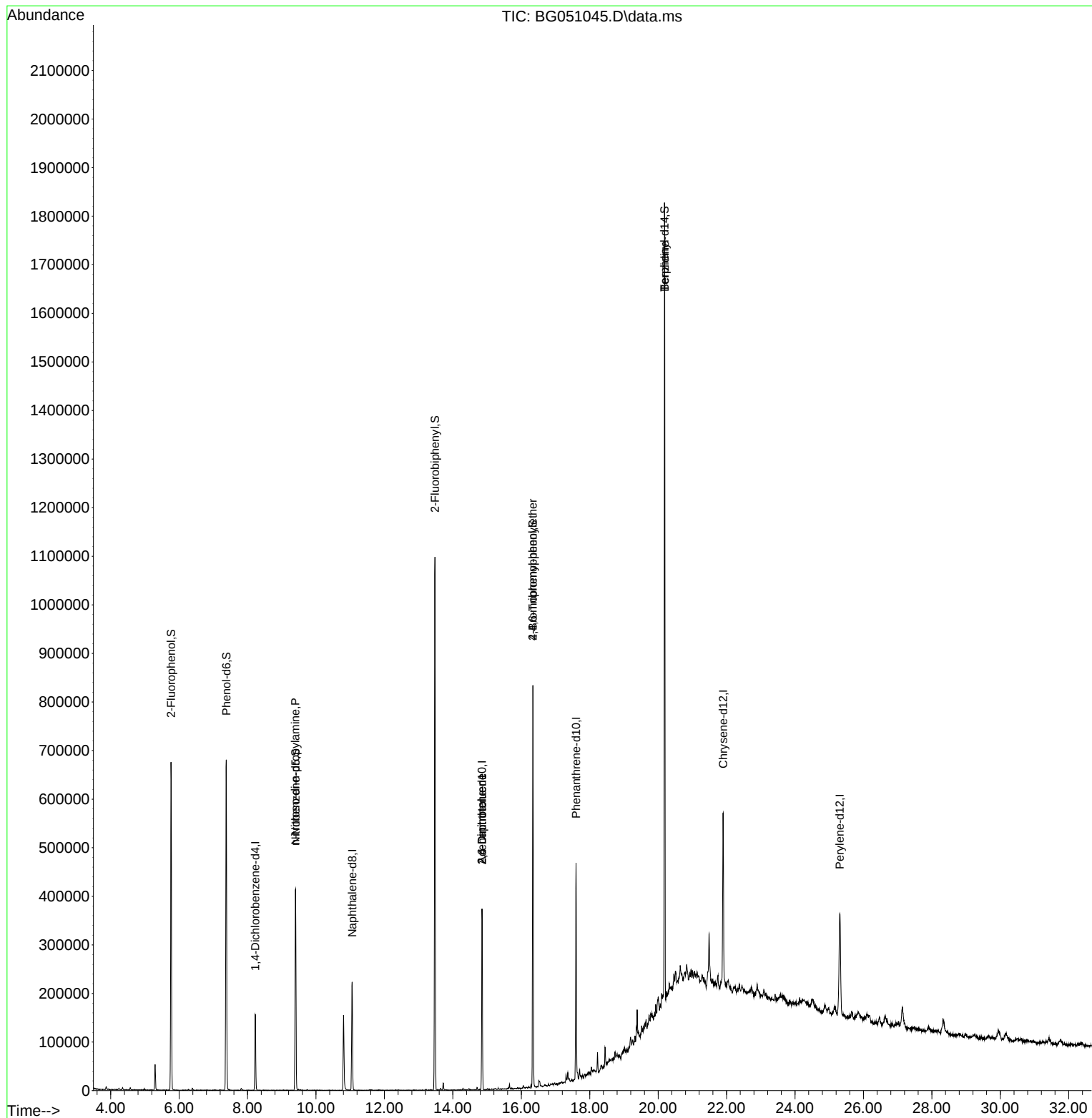
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	43658	20.000	ng	# 0.00
21) Naphthalene-d8	11.055	136	192901	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	131418	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	272157	20.000	ng	# 0.00
76) Chrysene-d12	21.902	240	222353	20.000	ng	# 0.00
86) Perylene-d12	25.309	264	226001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	295152	101.131	ng	0.00
7) Phenol-d6	7.377	99	402897	97.806	ng	0.00
23) Nitrobenzene-d5	9.404	82	278064	63.810	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	131891	100.287	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	565971	68.046	ng	0.00
79) Terphenyl-d14	20.186	244	765767	63.016	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.399	70	38529	12.657	ng	# 67
51) 2,6-Dinitrotoluene	14.851	165	16932	7.956	ng	# 10
57) 2,4-Dinitrotoluene	14.851	165	16932	5.608	ng	# 15
67) 4-Bromophenyl-phenylether	16.337	248	10195	3.576	ng	# 1
77) Benzdine	20.192	184	14779	3.516	ng	# 93

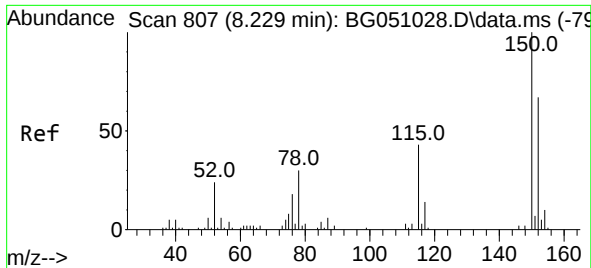
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
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Quant Time: Nov 15 18:01:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

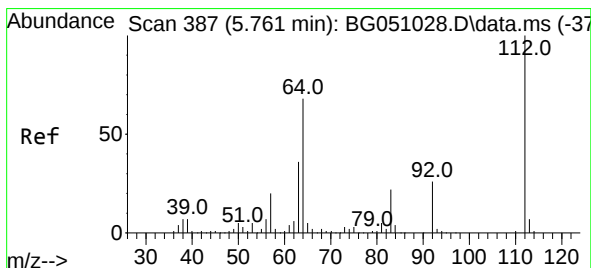
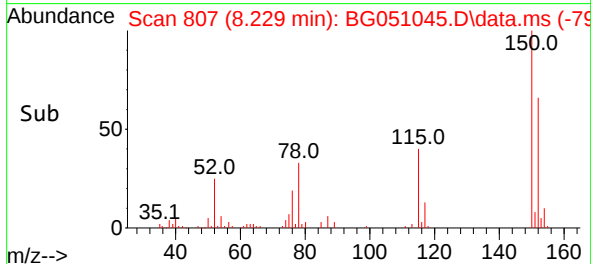
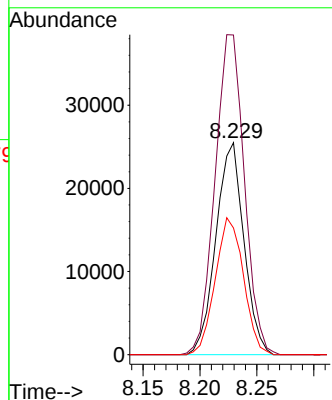
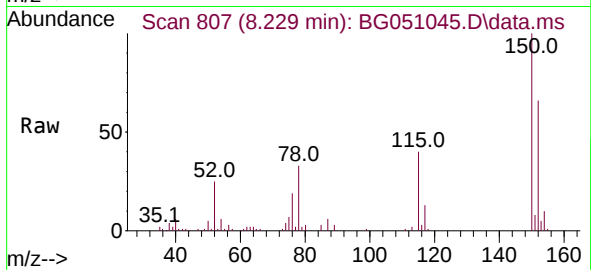




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 807
Delta R.T. 0.000 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

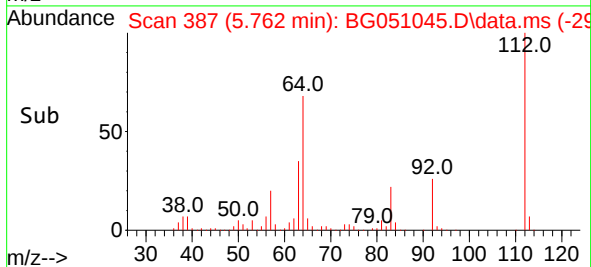
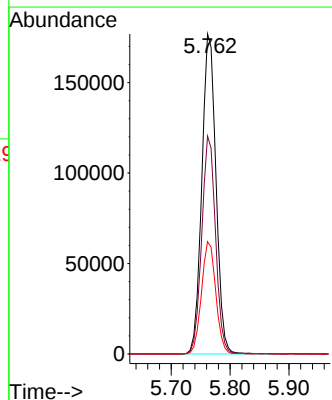
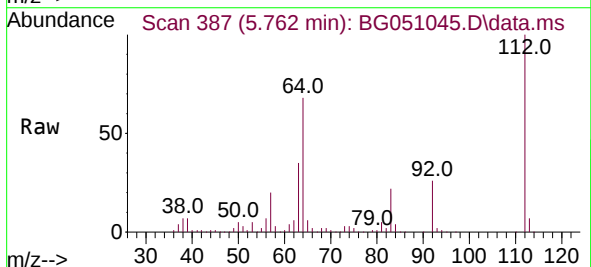
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-001-002

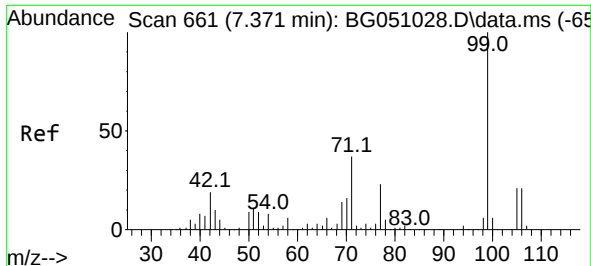
Tgt Ion:152 Resp: 43658
Ion Ratio Lower Upper
152 100
150 150.8 119.4 179.0
115 59.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 101.131 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

Tgt Ion:112 Resp: 295152
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 35.1 35.3 52.9#

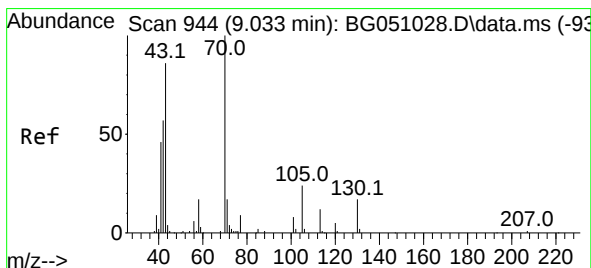
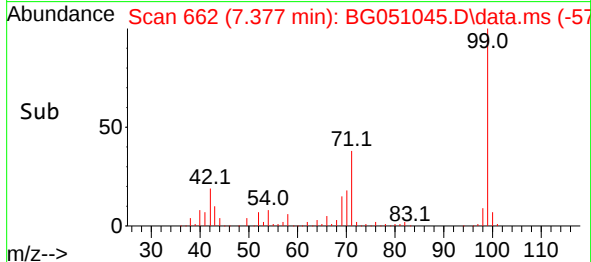
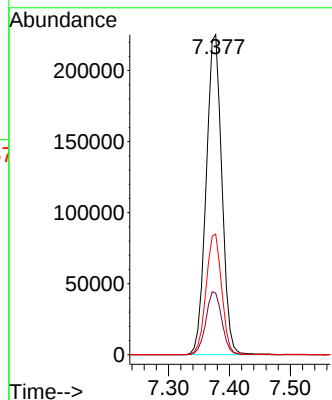
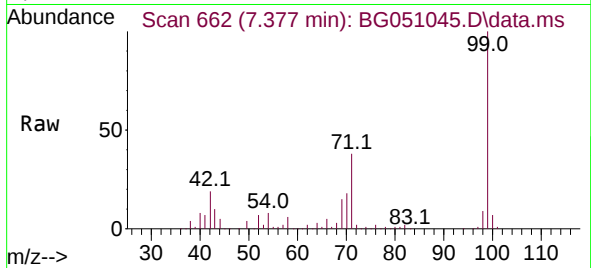




#7
Phenol-d6
Concen: 97.806 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

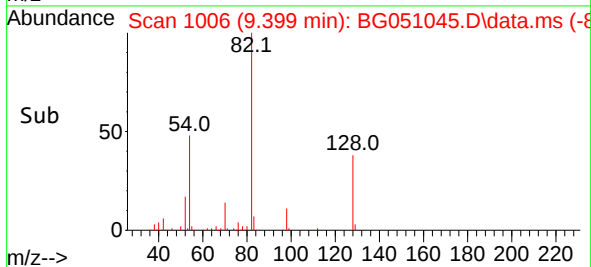
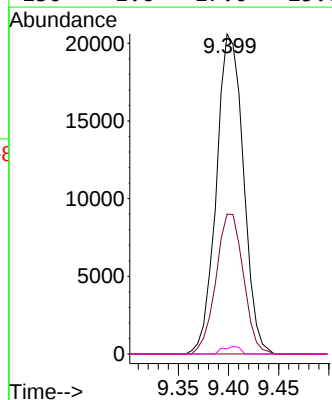
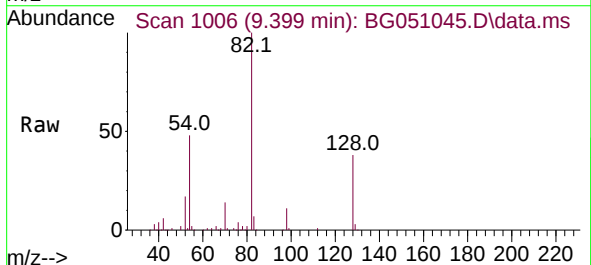
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-001-002

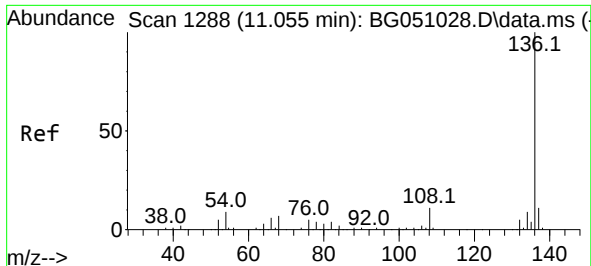
Tgt Ion: 99 Resp: 402897
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 37.7 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.657 ng
RT: 9.399 min Scan# 1006
Delta R.T. 0.365 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

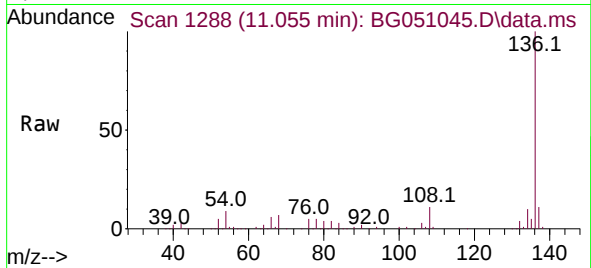
Tgt Ion: 70 Resp: 38529
Ion Ratio Lower Upper
70 100
42 43.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#



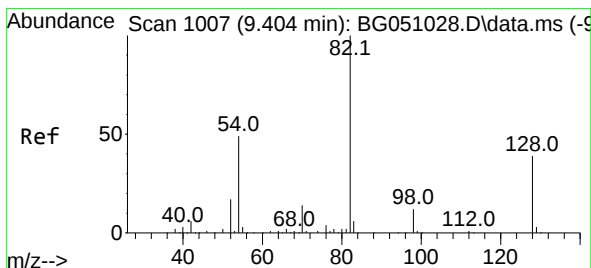
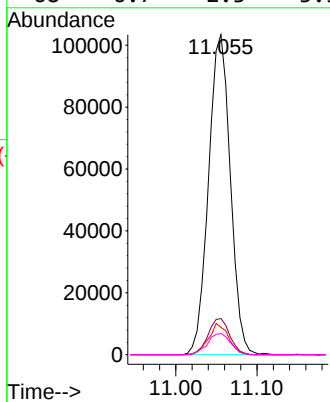
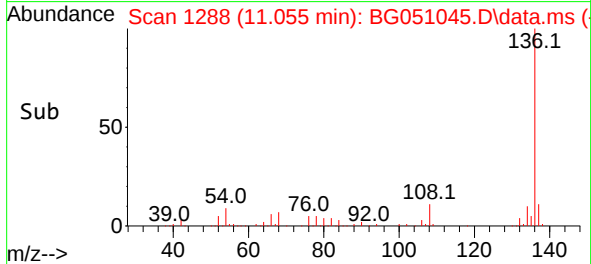


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1288
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

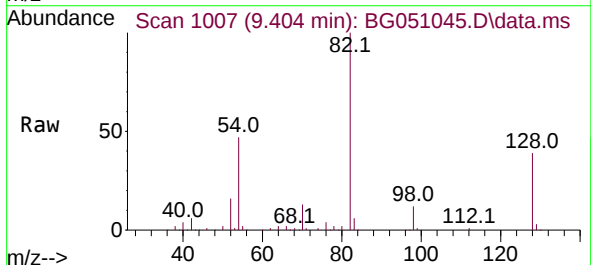
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-001-002



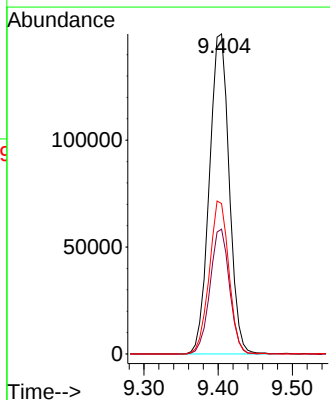
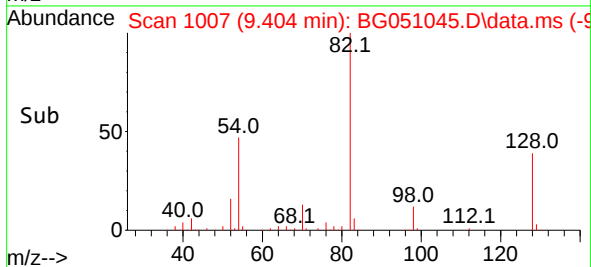
Tgt Ion:136 Resp: 192901
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 8.5 5.5 8.3#
68 6.7 2.3 3.5#

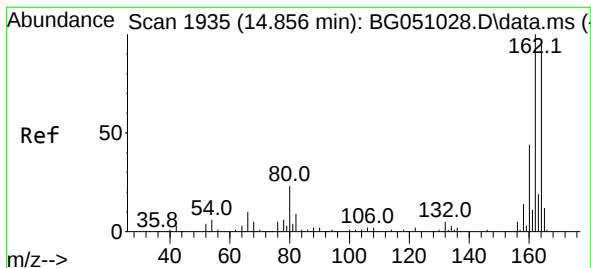


#23
Nitrobenzene-d5
Concen: 63.810 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21



Tgt Ion: 82 Resp: 278064
Ion Ratio Lower Upper
82 100
128 39.0 29.8 44.6
54 47.0 45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1934

Delta R.T. -0.005 min

Lab File: BG051045.D

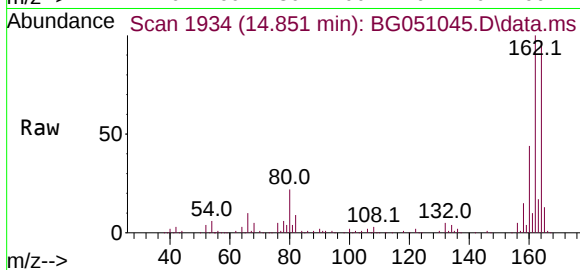
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Instrument :

BNA_G

ClientSampleId :

CMC-OF4-001-002



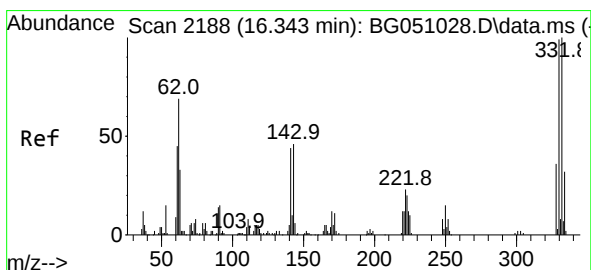
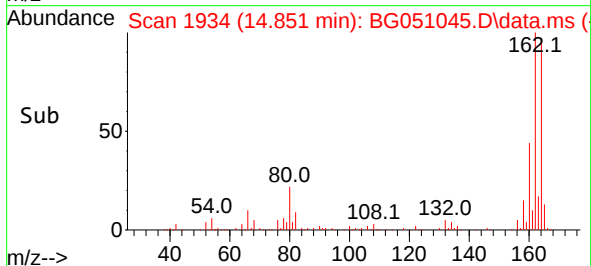
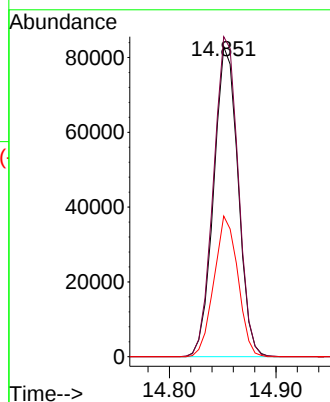
Tgt Ion:164 Resp: 131418

Ion Ratio Lower Upper

164 100

162 103.2 81.4 122.0

160 45.4 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 100.287 ng

RT: 16.337 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BG051045.D

Acq: 15 Nov 2021 17:21

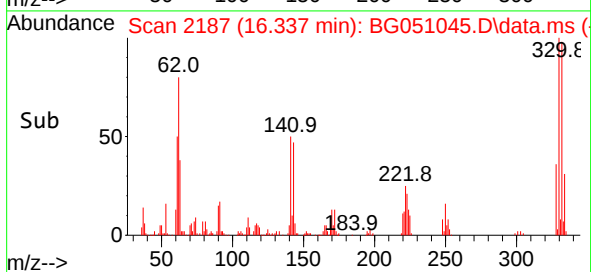
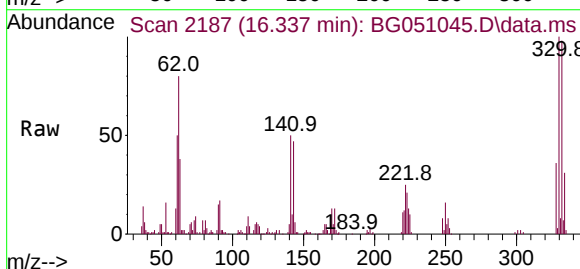
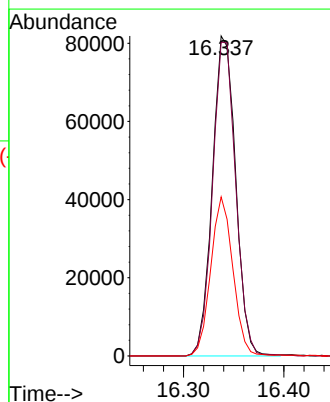
Tgt Ion:330 Resp: 131891

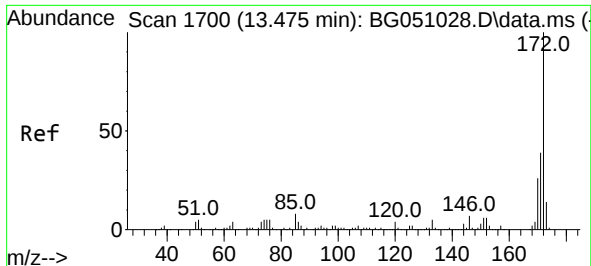
Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 47.2 35.6 53.4

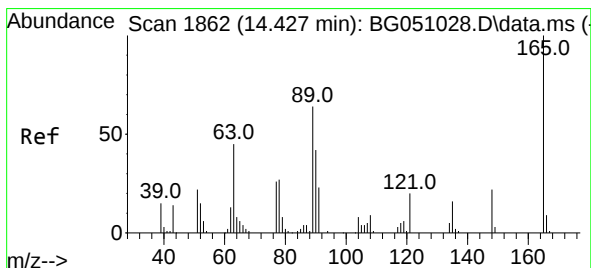
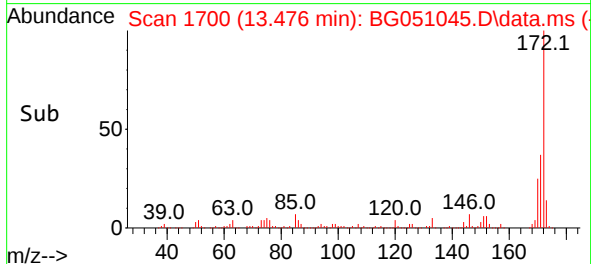
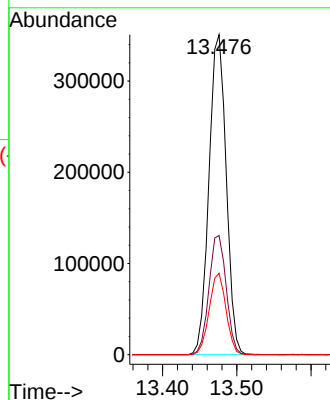
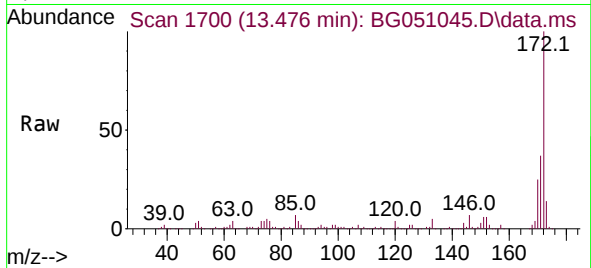




#45
2-Fluorobiphenyl
Concen: 68.046 ng
RT: 13.476 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

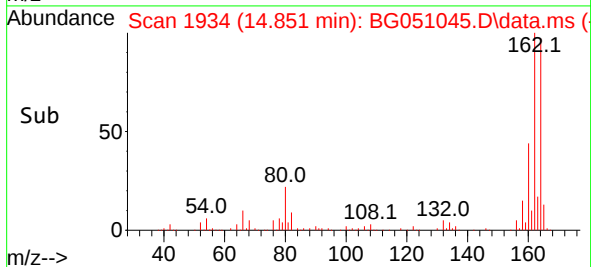
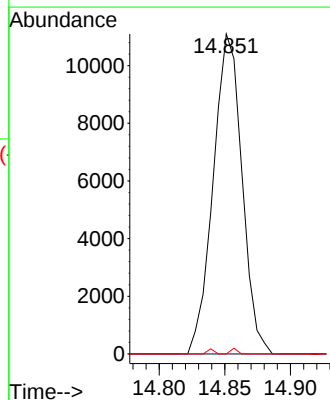
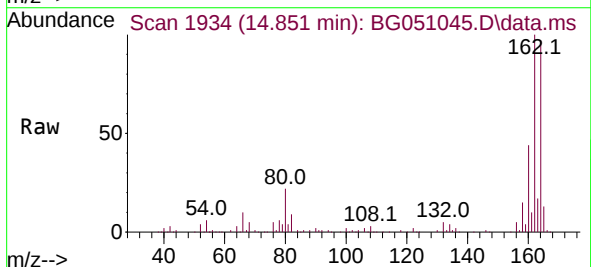
Instrument :
BNA_G
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CMC-OF4-001-002

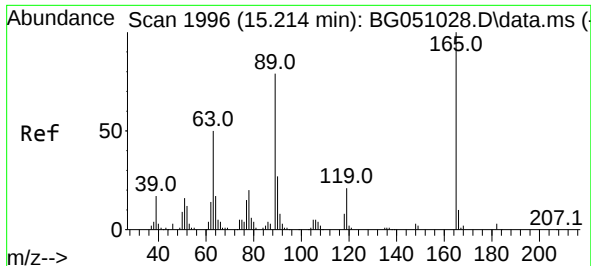
Tgt Ion:172 Resp: 565971
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.956 ng
RT: 14.851 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

Tgt Ion:165 Resp: 16932
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.608 ng

RT: 14.851 min Scan# 1996

Delta R.T. -0.363 min

Lab File: BG051045.D

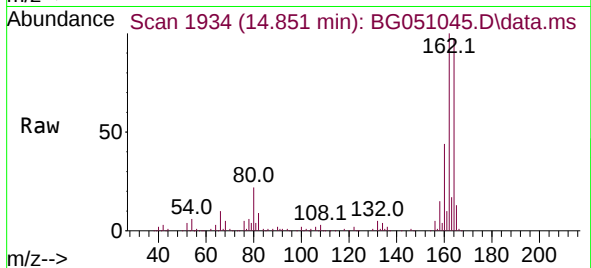
Acq: 15 Nov 2021 17:21

Instrument :

BNA_G

ClientSampleId :

CMC-OF4-001-002



Tgt Ion:165 Resp: 16932

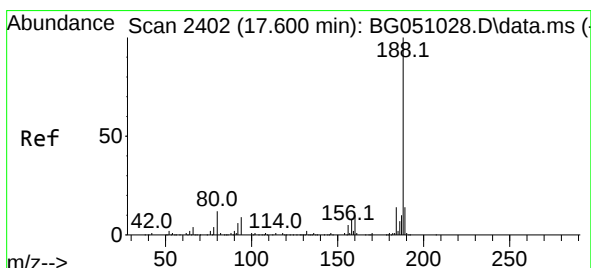
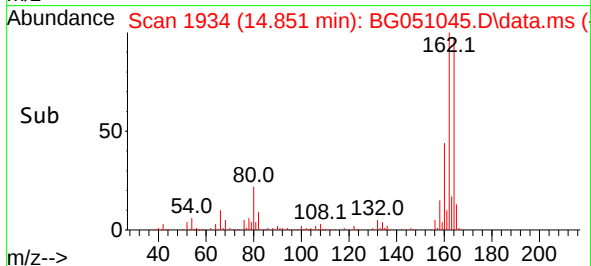
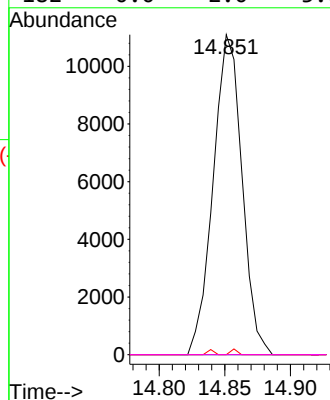
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.601 min Scan# 2402

Delta R.T. 0.001 min

Lab File: BG051045.D

Acq: 15 Nov 2021 17:21

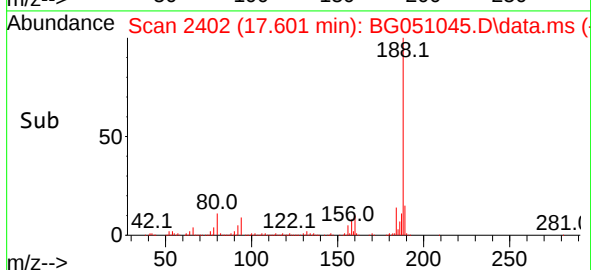
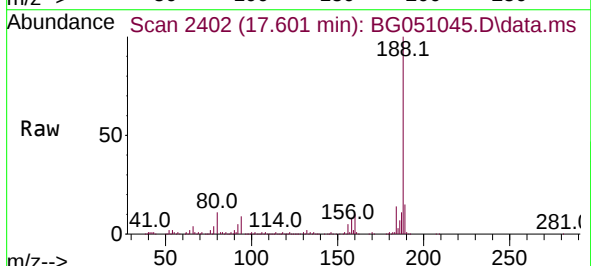
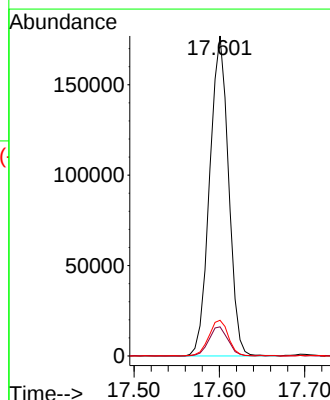
Tgt Ion:188 Resp: 272157

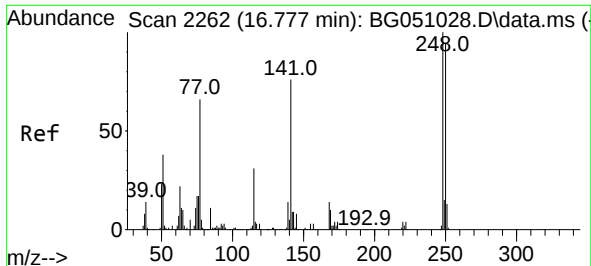
Ion Ratio Lower Upper

188 100

94 9.1 5.4 8.0#

80 11.2 3.7 5.5#

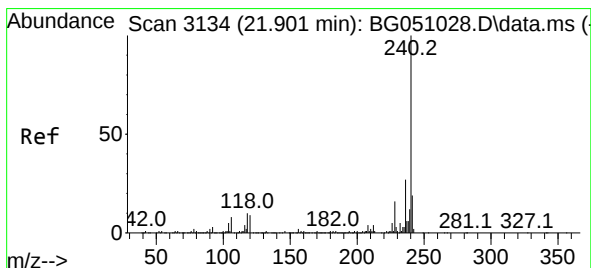
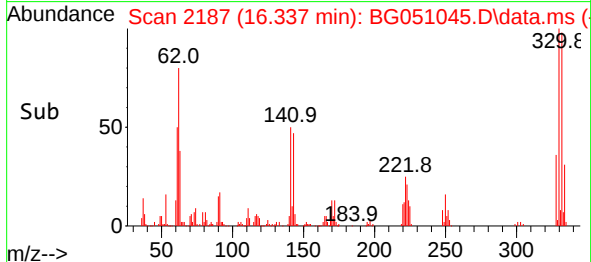
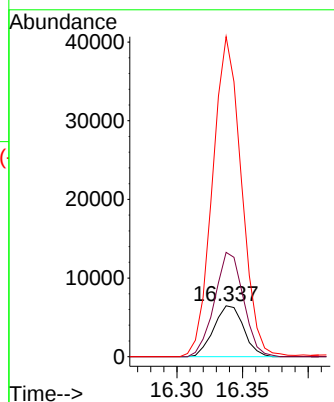
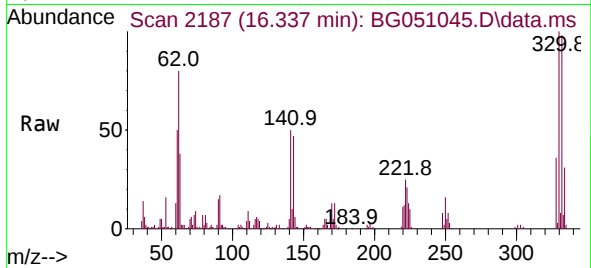




#67
4-Bromophenyl-phenylether
Concen: 3.576 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

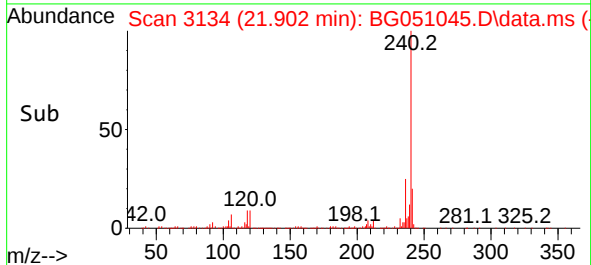
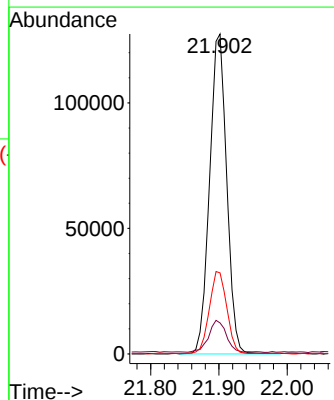
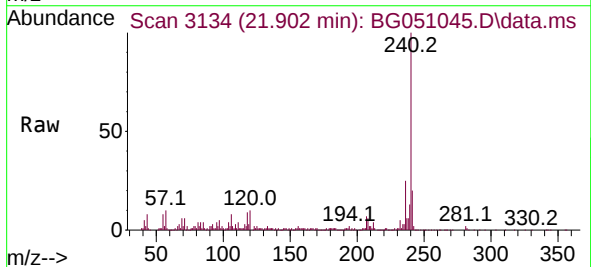
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-001-002

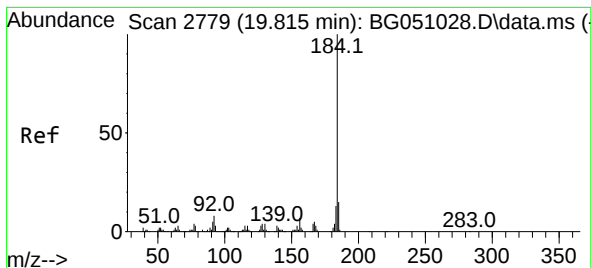
Tgt Ion:248 Resp: 10195
Ion Ratio Lower Upper
248 100
250 204.9 76.1 114.1#
141 628.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG051045.D
Acq: 15 Nov 2021 17:21

Tgt Ion:240 Resp: 222353
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 25.3 21.8 32.6





#77

Benzidine

Concen: 3.516 ng

RT: 20.192 min Scan# 21

Delta R.T. 0.377 min

Lab File: BG051045.D

Acq: 15 Nov 2021 17:21

Instrument :

BNA_G

ClientSampleId :

CMC-OF4-001-002

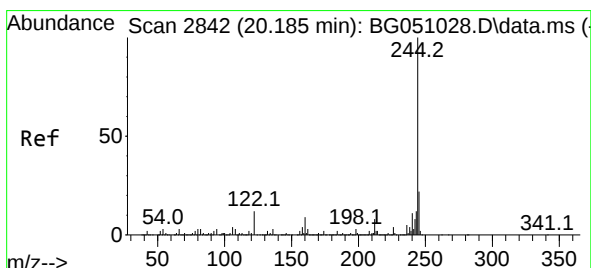
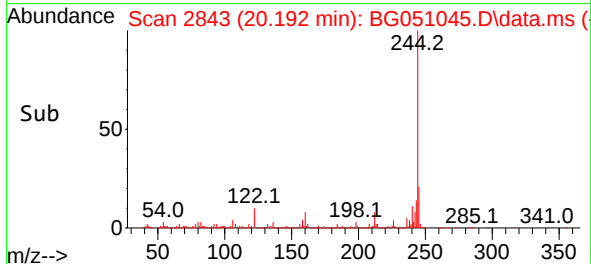
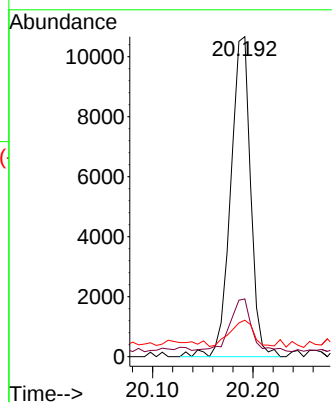
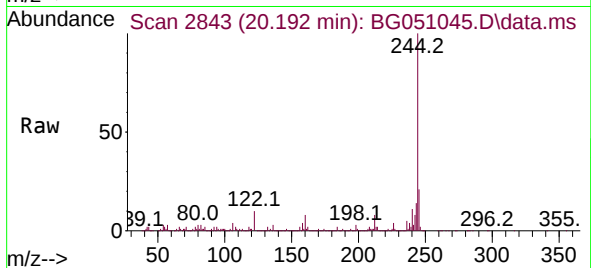
Tgt Ion:184 Resp: 14779

Ion Ratio Lower Upper

184 100

185 18.1 10.7 16.1#

183 11.4 9.4 14.0



#79

Terphenyl-d14

Concen: 63.016 ng

RT: 20.186 min Scan# 2842

Delta R.T. 0.001 min

Lab File: BG051045.D

Acq: 15 Nov 2021 17:21

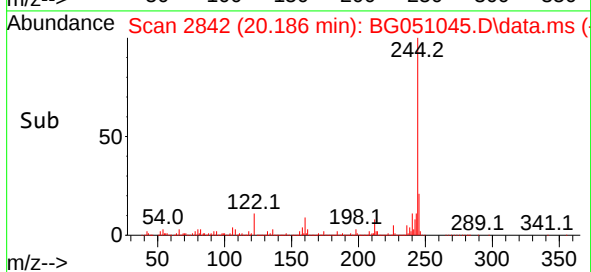
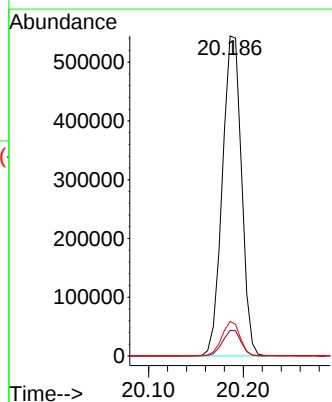
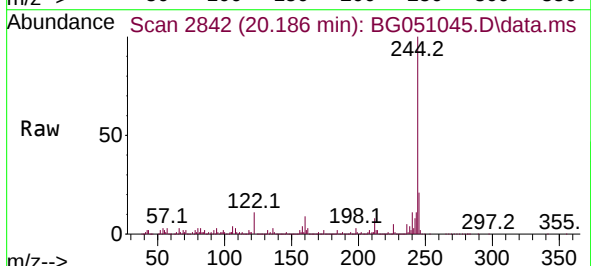
Tgt Ion:244 Resp: 765767

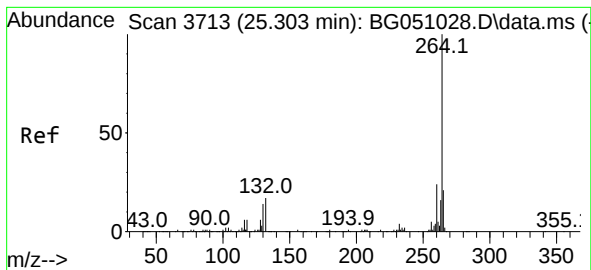
Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

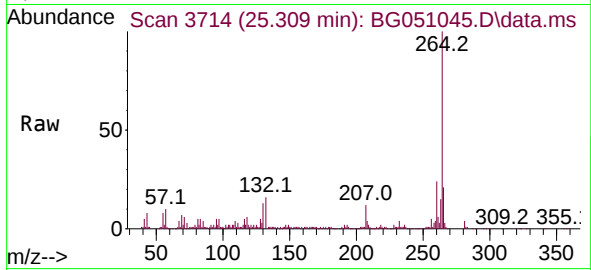
122 10.8 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG051045.D
 Acq: 15 Nov 2021 17:21

Instrument :
 BNA_G
 ClientSampleId :
 CMC-OF4-001-002



Tgt Ion:264 Resp: 226001
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.0 16.9 25.3

