

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051044.D
 Acq On : 15 Nov 2021 16:40
 Operator : CG/JU
 Sample : M4595-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CMC-OF4-003-004

Quant Time: Nov 15 17:15:19 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)

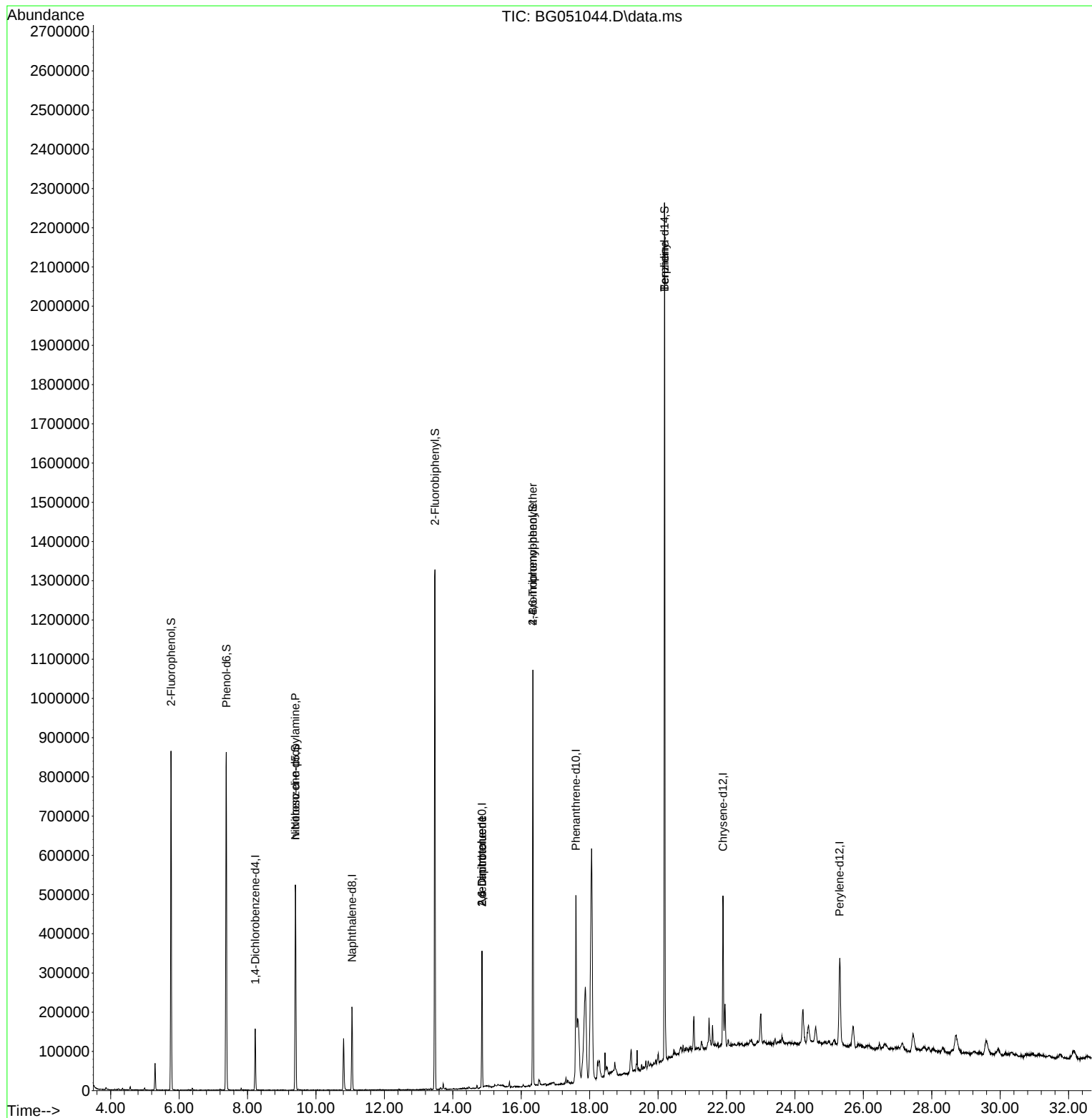
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	42272	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	181247	20.000	ng	# 0.00
39) Acenaphthene-d10	14.853	164	120510	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	261902	20.000	ng	# 0.00
76) Chrysene-d12	21.898	240	230131	20.000	ng	# 0.00
86) Perylene-d12	25.306	264	229144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	368015	130.232	ng	0.00
7) Phenol-d6	7.380	99	503805	126.313	ng	0.00
23) Nitrobenzene-d5	9.401	82	339799	82.990	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	167941	139.257	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	672185	88.132	ng	0.00
79) Terphenyl-d14	20.188	244	1007532	80.109	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.401	70	47709	16.186	ng	# 68
51) 2,6-Dinitrotoluene	14.853	165	15881	8.138	ng	# 11
57) 2,4-Dinitrotoluene	14.853	165	15881	5.736	ng	# 16
67) 4-Bromophenyl-phenylether	16.340	248	13287	4.843	ng	# 1
77) Benzidine	20.188	184	19428	4.466	ng	# 92

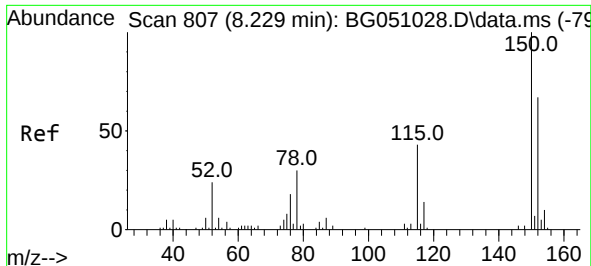
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051044.D
Acq On : 15 Nov 2021 16:40
Operator : CG/JU
Sample : M4595-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

Quant Time: Nov 15 17:15:19 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

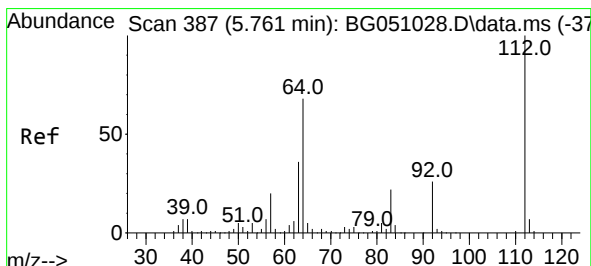
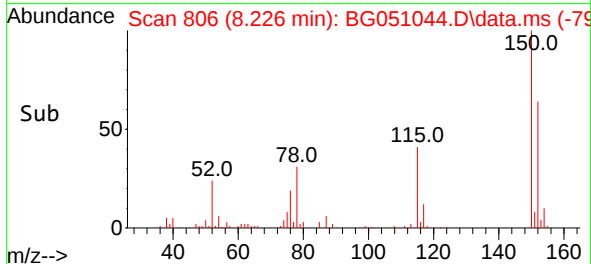
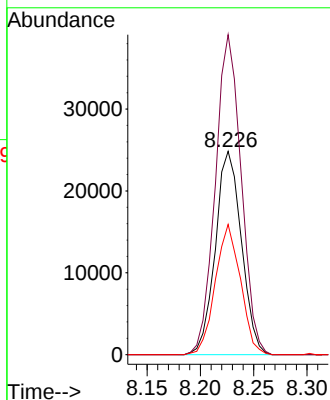
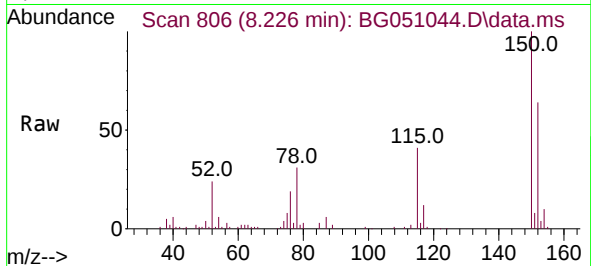




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

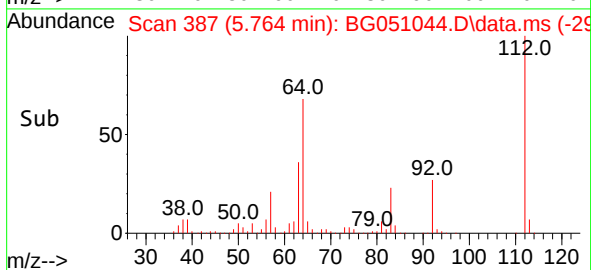
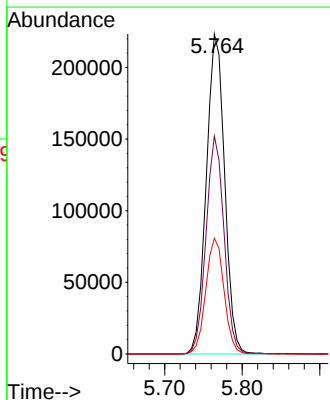
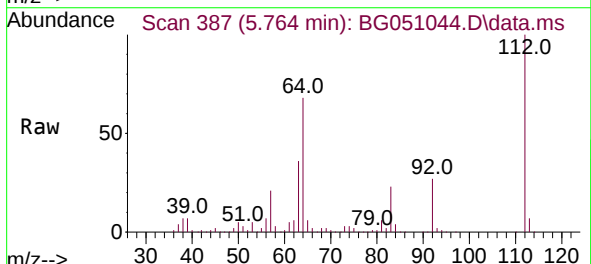
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

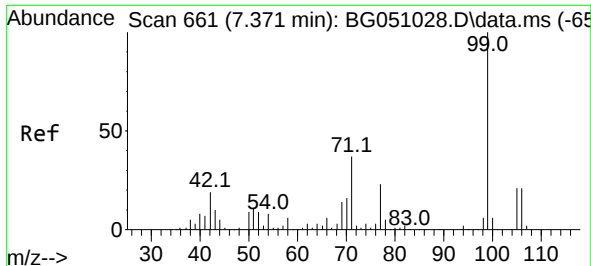
Tgt Ion:152 Resp: 42272
Ion Ratio Lower Upper
152 100
150 157.4 119.4 179.0
115 64.1 60.2 90.4



#5
2-Fluorophenol
Concen: 130.232 ng
RT: 5.764 min Scan# 387
Delta R.T. 0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

Tgt Ion:112 Resp: 368015
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 36.2 35.3 52.9

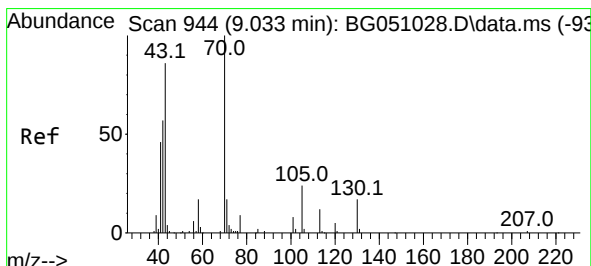
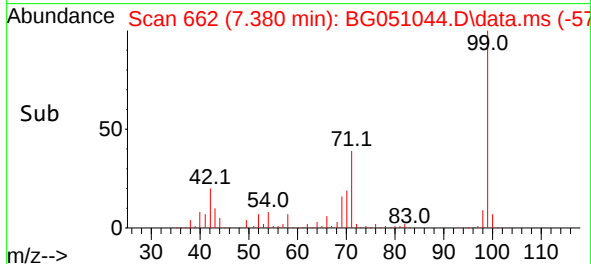
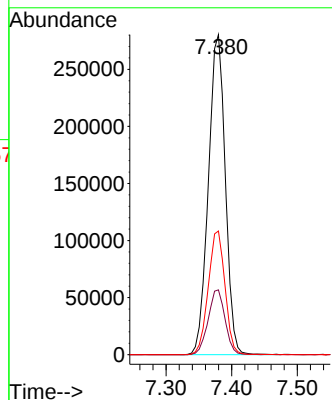
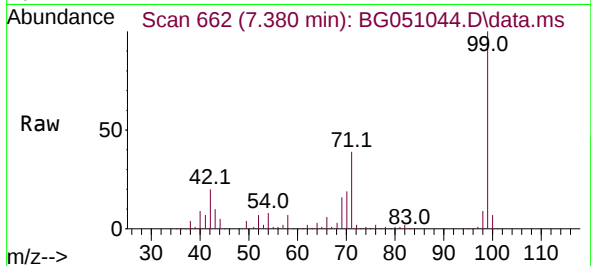




#7
Phenol-d6
Concen: 126.313 ng
RT: 7.380 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

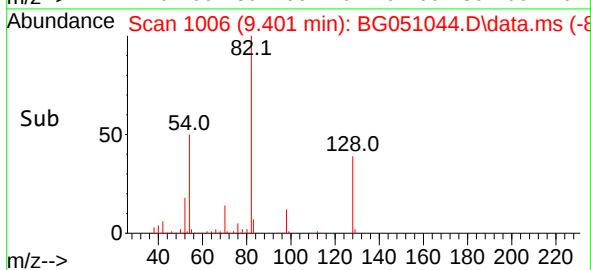
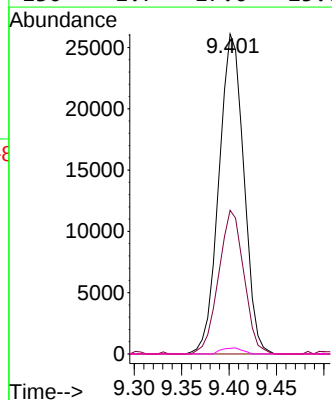
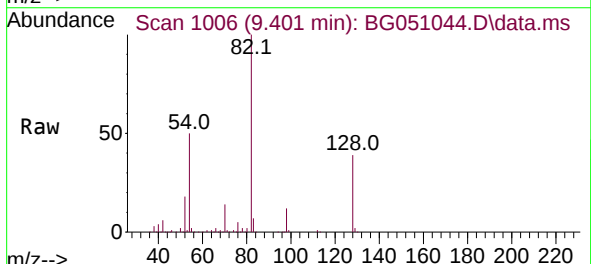
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

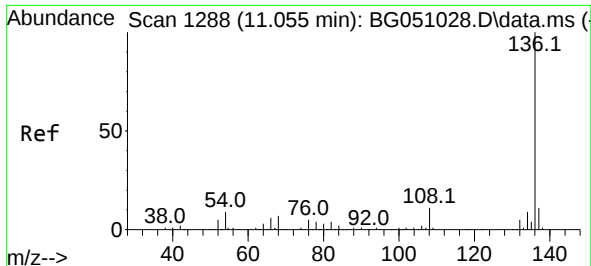
Tgt Ion: 99 Resp: 503805
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 38.7 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.186 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.368 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

Tgt Ion: 70 Resp: 47709
Ion Ratio Lower Upper
70 100
42 44.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

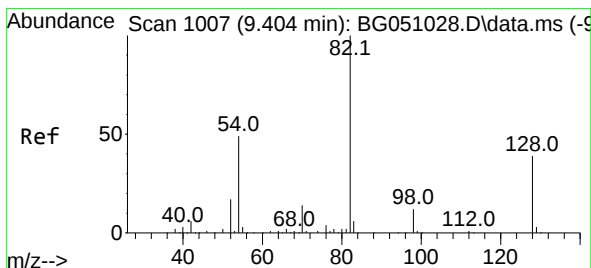
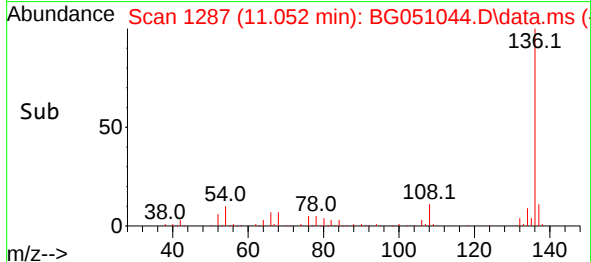
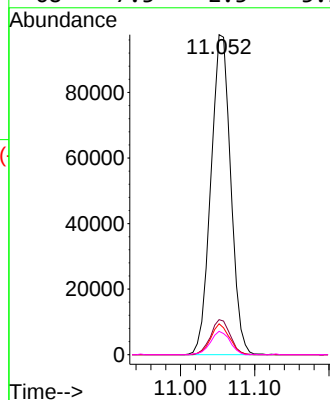
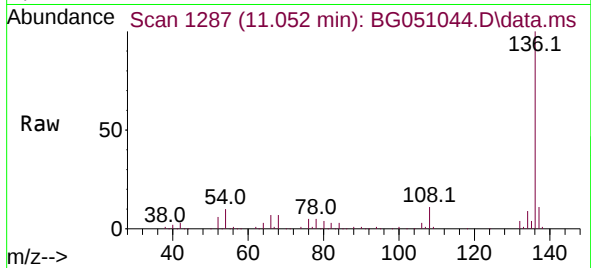




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1106
Delta R.T. -0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

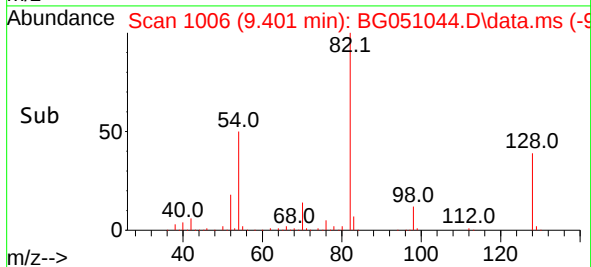
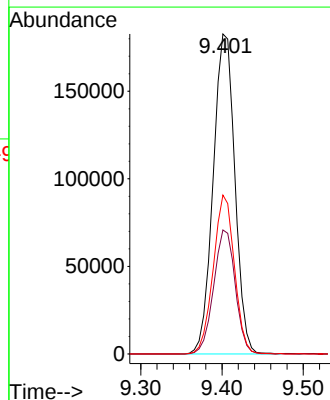
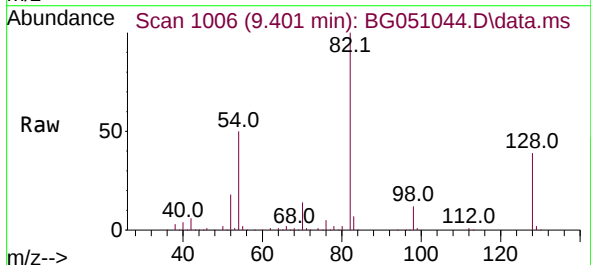
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

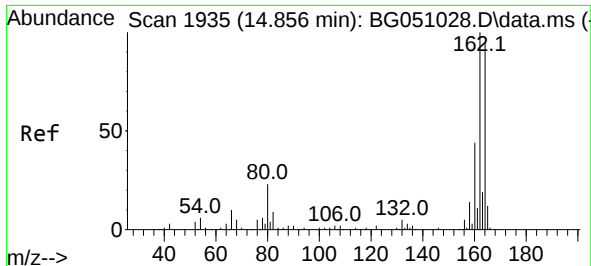
Tgt Ion:136 Resp: 181247
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 9.6 5.5 8.3#
68 7.3 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 82.990 ng
RT: 9.401 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

Tgt Ion: 82 Resp: 339799
Ion Ratio Lower Upper
82 100
128 38.8 29.8 44.6
54 49.7 45.8 68.8

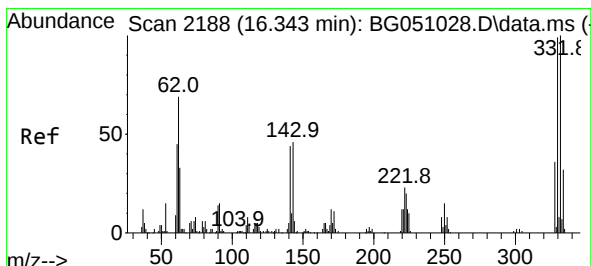
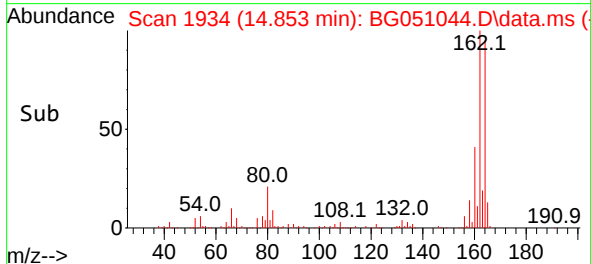
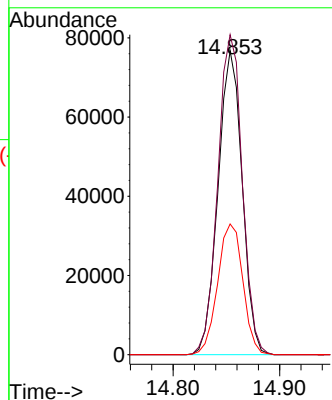
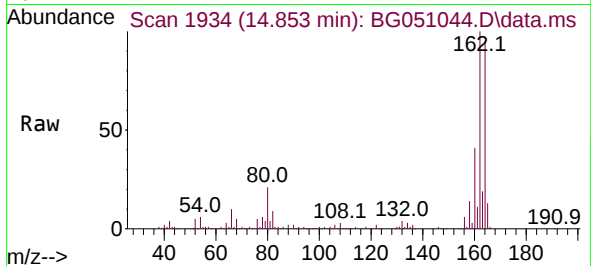




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.853 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

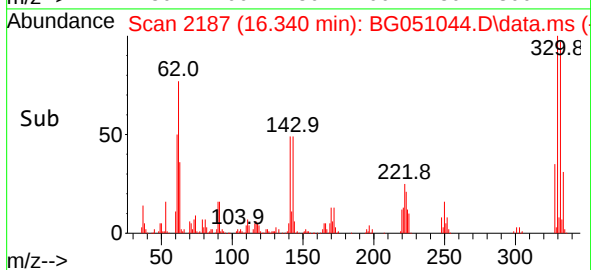
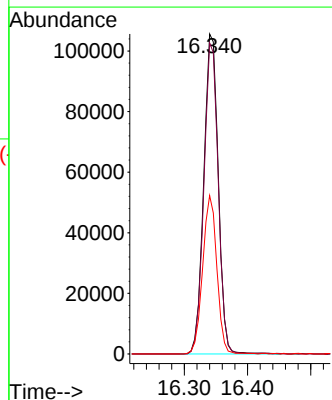
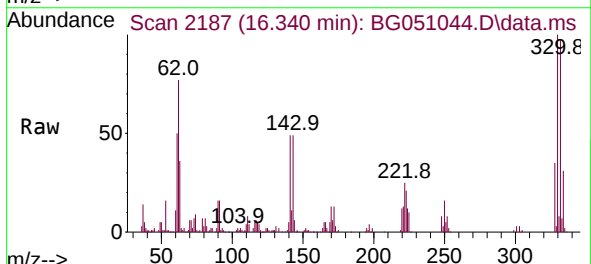
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

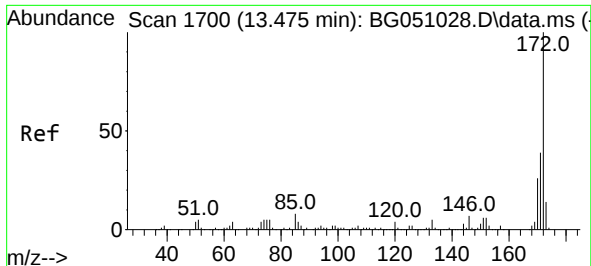
Tgt Ion:164 Resp: 120510
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 43.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 139.257 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

Tgt Ion:330 Resp: 167941
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 48.3 35.6 53.4

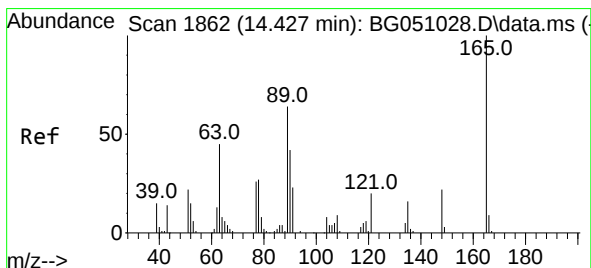
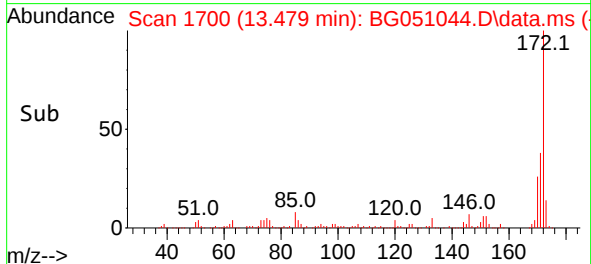
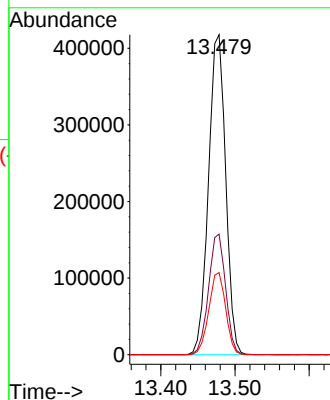
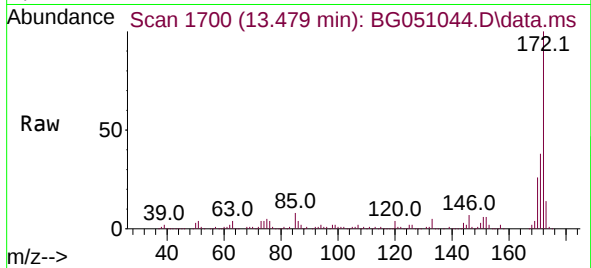




#45
2-Fluorobiphenyl
Concen: 88.132 ng
RT: 13.479 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

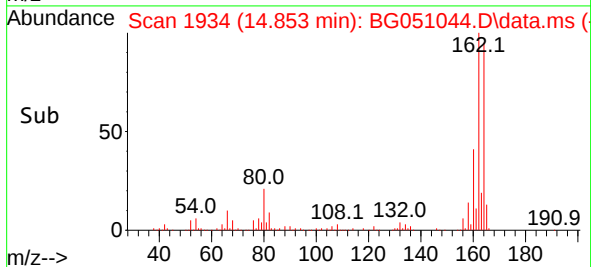
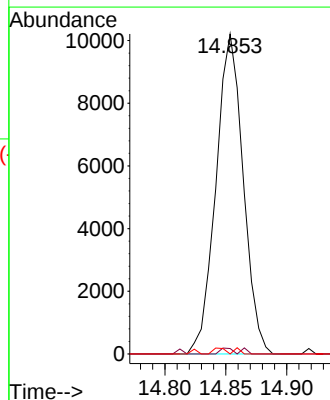
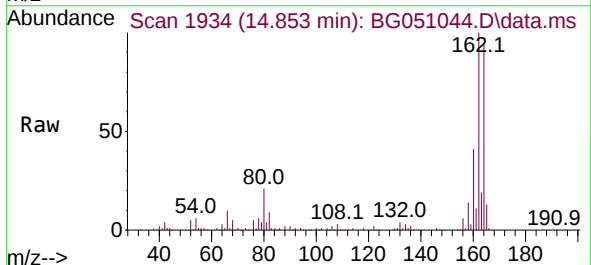
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

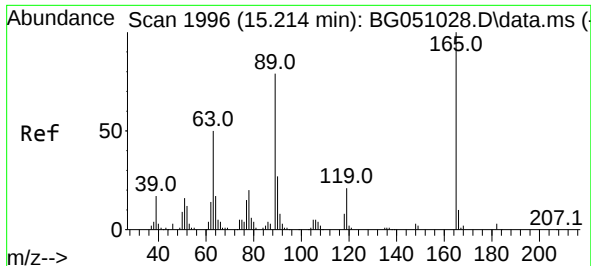
Tgt Ion:172 Resp: 672185
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 25.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.138 ng
RT: 14.853 min Scan# 1934
Delta R.T. 0.426 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

Tgt Ion:165 Resp: 15881
Ion Ratio Lower Upper
165 100
63 1.7 63.3 94.9#
89 0.0 63.4 95.0#

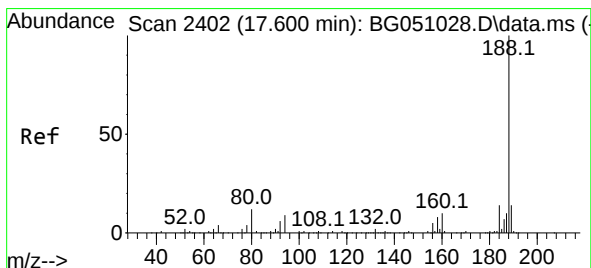
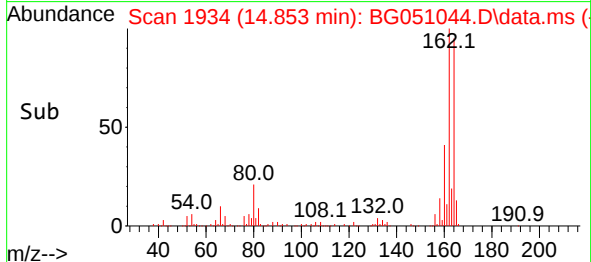
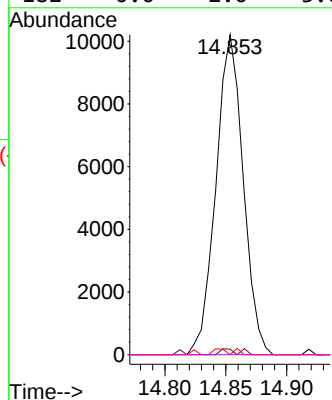
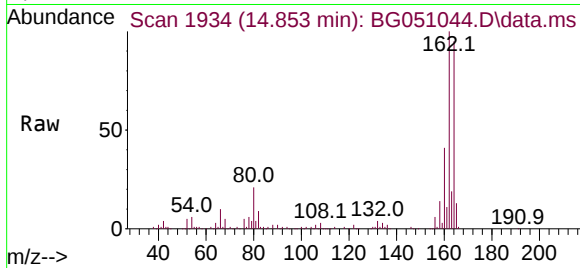




#57
2,4-Dinitrotoluene
Concen: 5.736 ng
RT: 14.853 min Scan# 1934
Delta R.T. -0.361 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

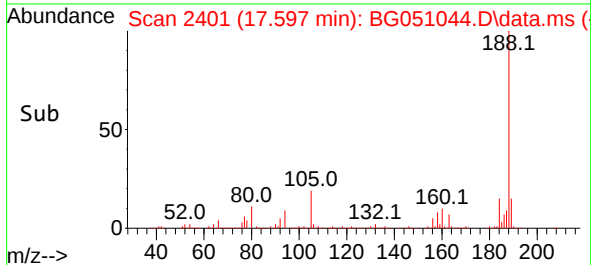
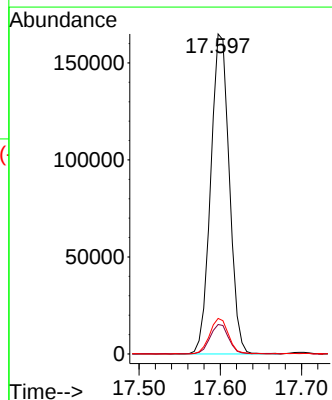
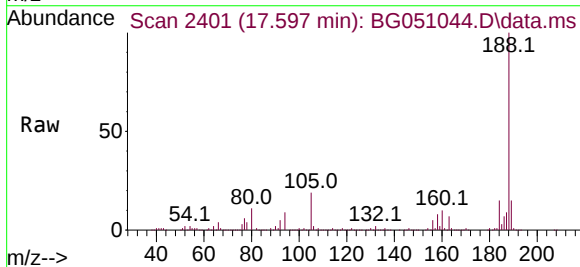
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

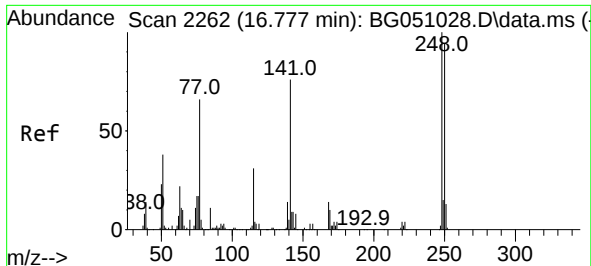
Tgt Ion:165 Resp: 15881
Ion Ratio Lower Upper
165 100
63 1.7 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.597 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

Tgt Ion:188 Resp: 261902
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 11.1 3.7 5.5#

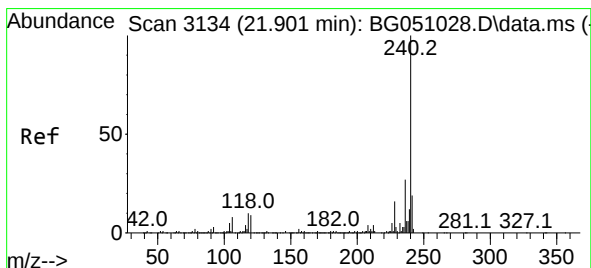
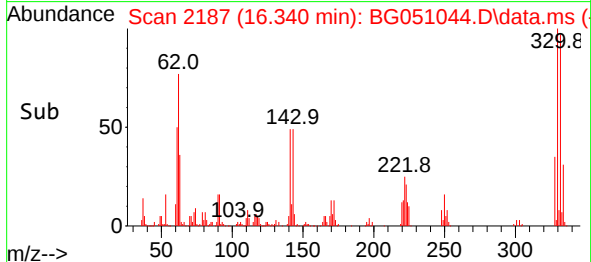
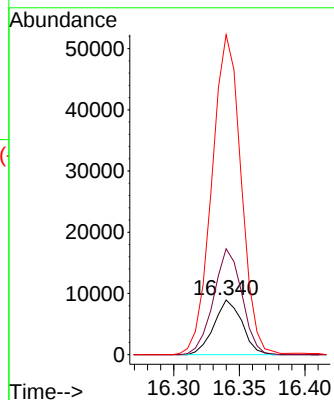
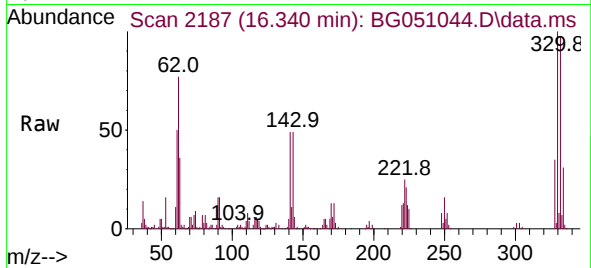




#67
4-Bromophenyl-phenylether
Concen: 4.843 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.437 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

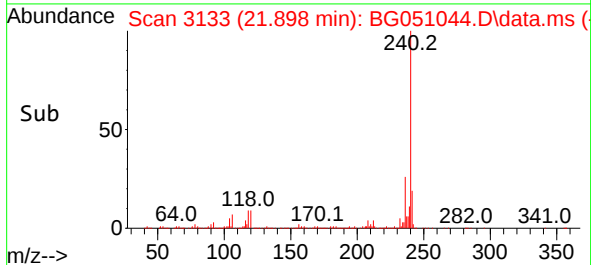
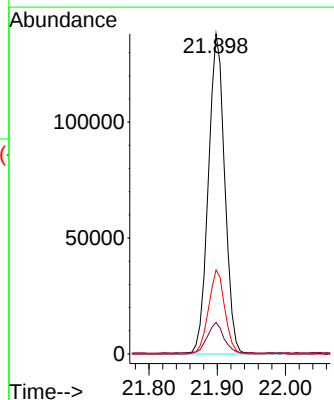
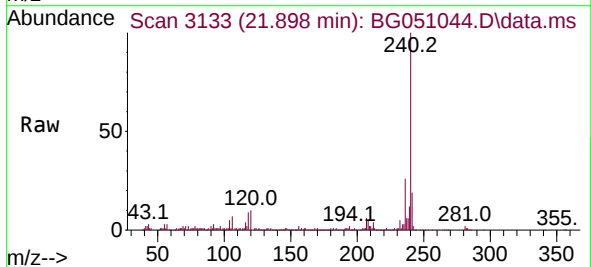
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

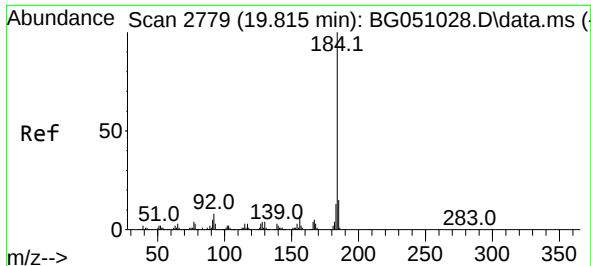
Tgt Ion:248 Resp: 13287
Ion Ratio Lower Upper
248 100
250 193.7 76.1 114.1#
141 584.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

Tgt Ion:240 Resp: 230131
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 26.2 21.8 32.6

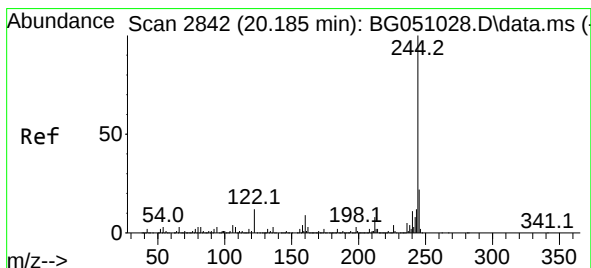
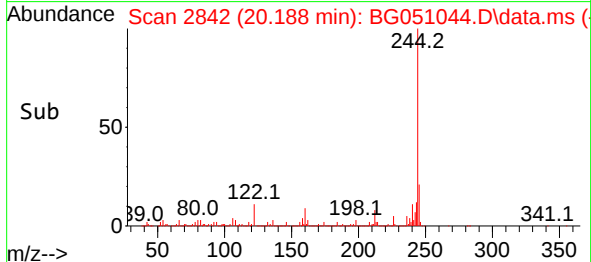
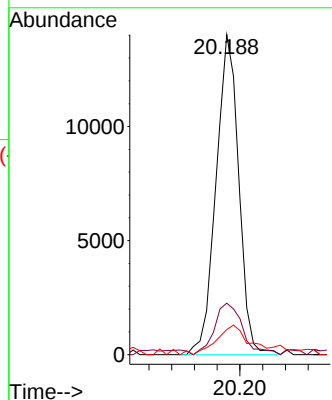
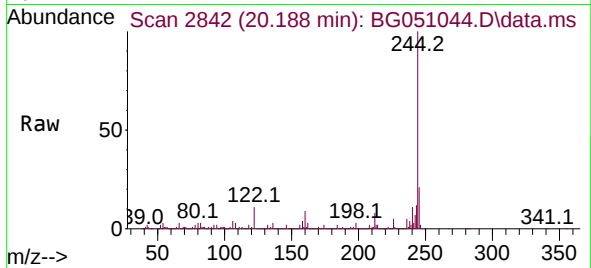




#77
Benzidine
Concen: 4.466 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

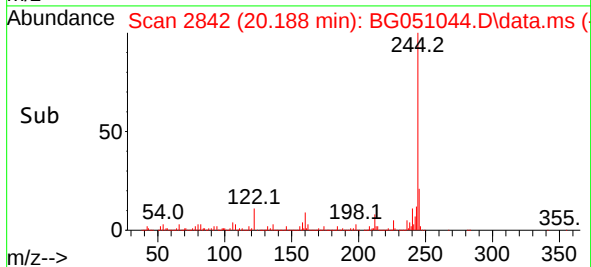
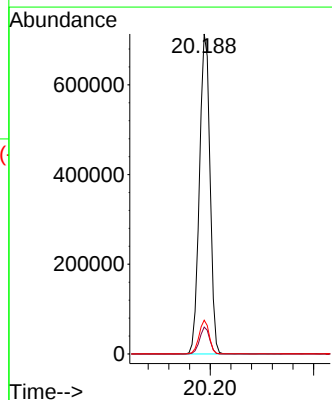
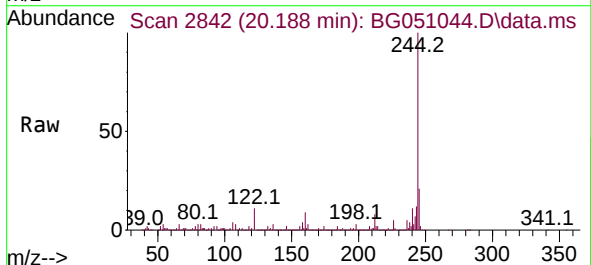
Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004

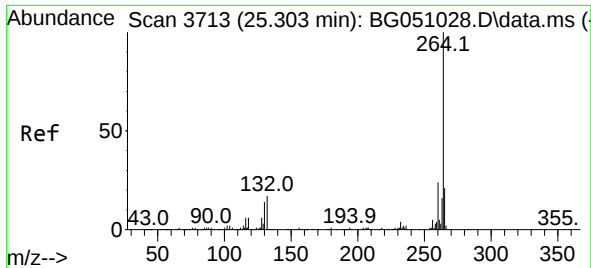
Tgt Ion:184 Resp: 19428
Ion Ratio Lower Upper
184 100
185 16.1 10.7 16.1#
183 7.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.109 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

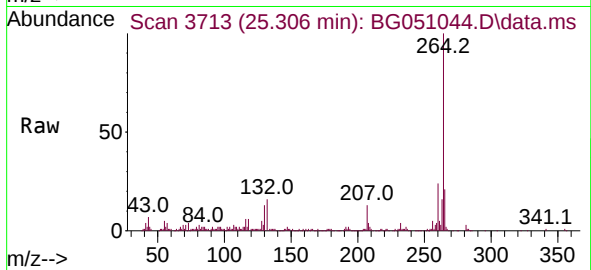
Tgt Ion:244 Resp: 1007532
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 10.6 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.306 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG051044.D
Acq: 15 Nov 2021 16:40

Instrument :
BNA_G
ClientSampleId :
CMC-OF4-003-004



Tgt Ion:264 Resp: 229144

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.5	16.9	25.3

