

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
 Data File : BG051111.D
 Acq On : 18 Nov 2021 18:51
 Operator : CG/JU
 Sample : M4695-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 218

Quant Time: Nov 19 01:37:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 01:16:08 2021
 Response via : Initial Calibration

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

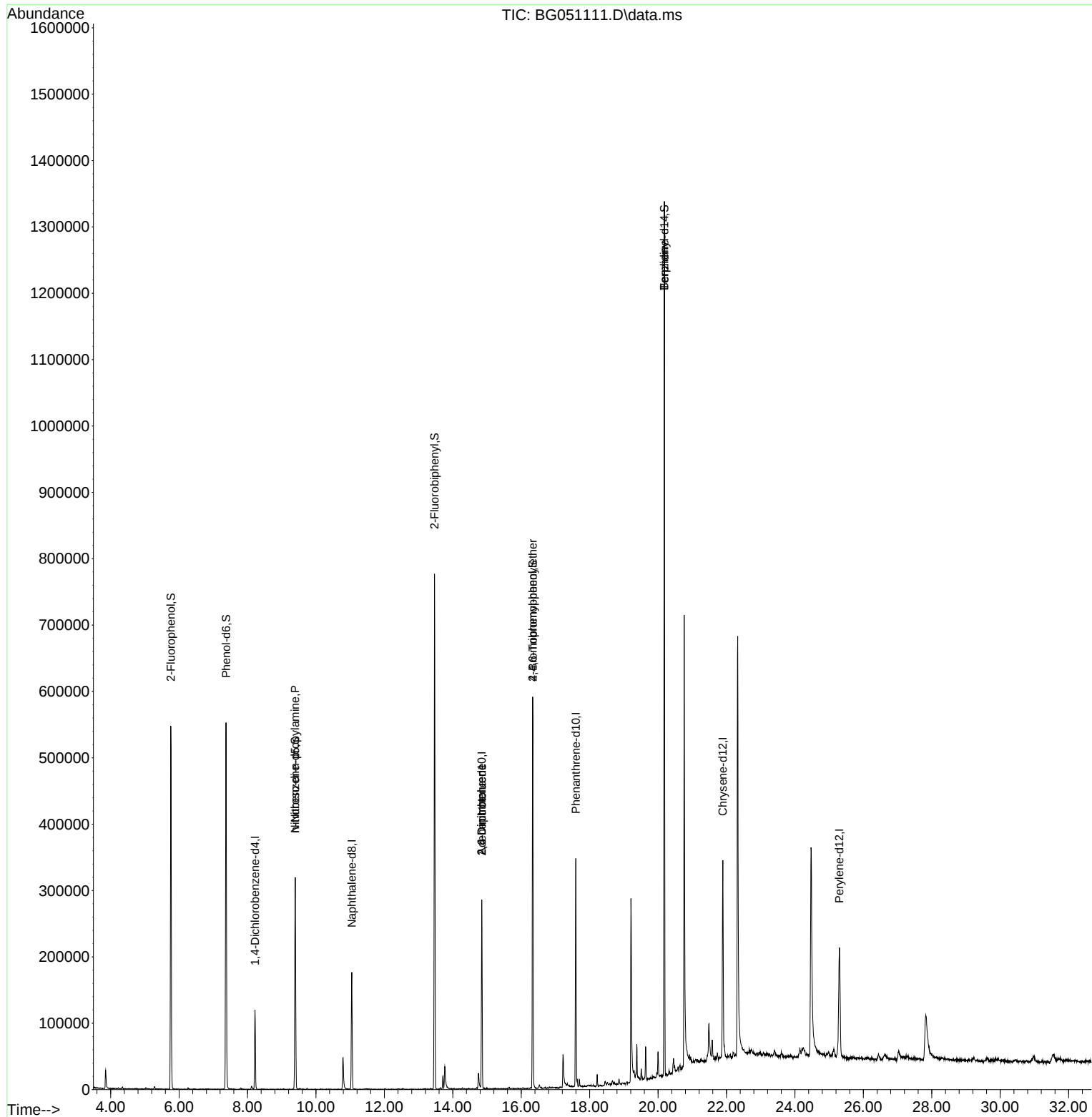
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	33530	20.000	ng	# 0.00
21) Naphthalene-d8	11.046	136	149633	20.000	ng	# 0.00
39) Acenaphthene-d10	14.847	164	98269	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	212571	20.000	ng	# 0.00
76) Chrysene-d12	21.892	240	174554	20.000	ng	# 0.00
86) Perylene-d12	25.300	264	171628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	242853	108.346	ng	0.00
7) Phenol-d6	7.374	99	331829	104.886	ng	0.00
23) Nitrobenzene-d5	9.395	82	213111	63.046	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	97505	99.150	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	391015	62.870	ng	0.00
79) Terphenyl-d14	20.182	244	585570	63.884	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.395	70	29192	12.486	ng	# 66
51) 2,6-Dinitrotoluene	14.847	165	12698	7.980	ng	# 12
57) 2,4-Dinitrotoluene	14.847	165	12698	5.624	ng	# 17
67) 4-Bromophenyl-phenylether	16.340	248	7464	3.352	ng	# 1
77) Benzidine	20.182	184	9980	3.025	ng	# 89

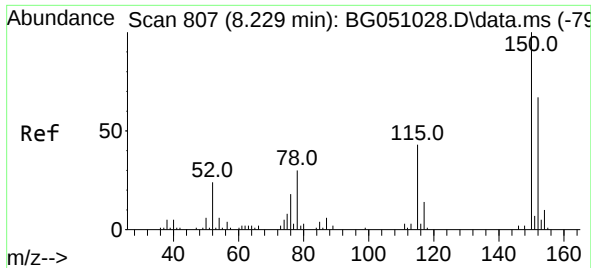
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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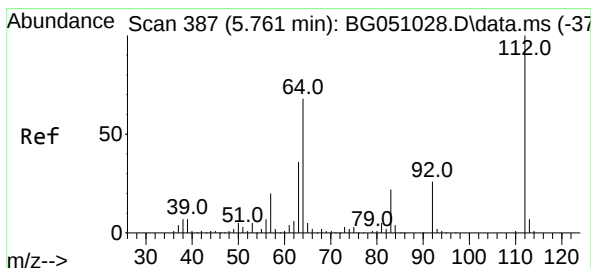
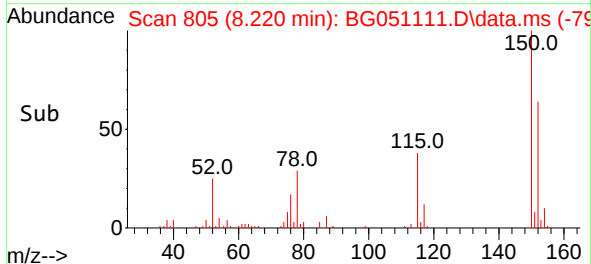
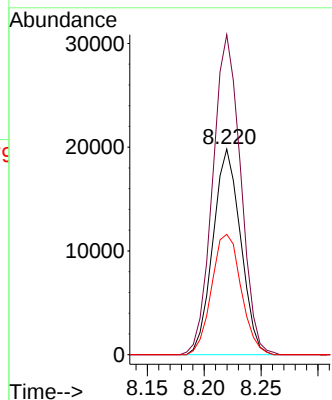
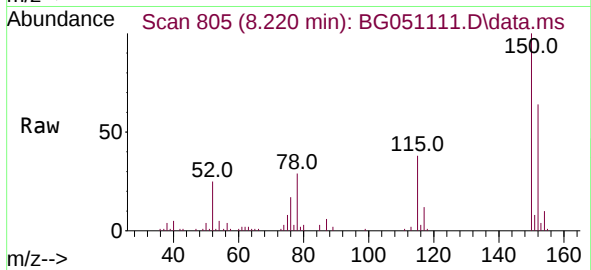




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 807
Delta R.T. -0.009 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

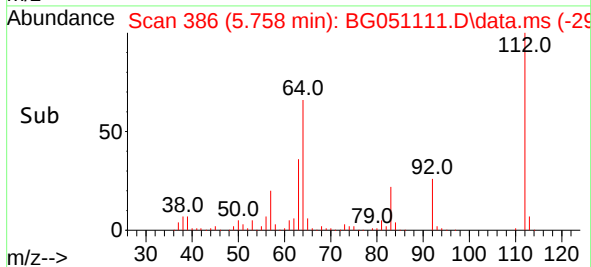
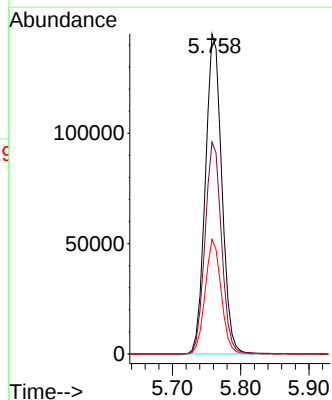
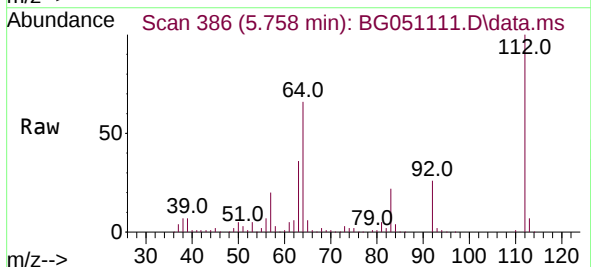
Instrument :
BNA_G
ClientSampleId :
218

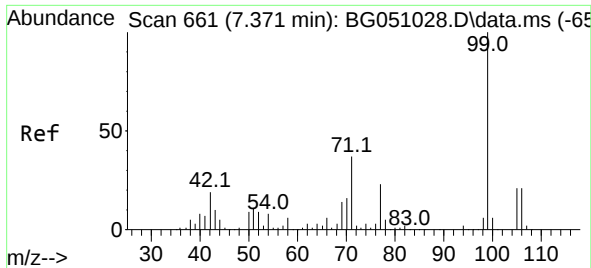
Tgt Ion:152 Resp: 33530
Ion Ratio Lower Upper
152 100
150 155.7 119.4 179.0
115 58.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 108.346 ng
RT: 5.758 min Scan# 386
Delta R.T. -0.003 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

Tgt Ion:112 Resp: 242853
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 35.8 35.3 52.9

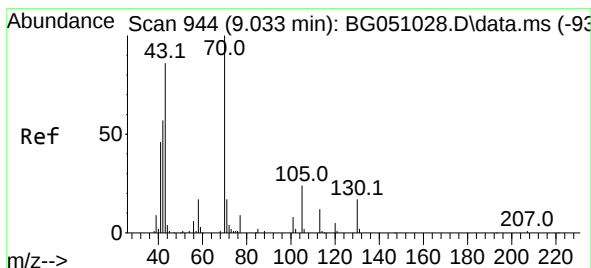
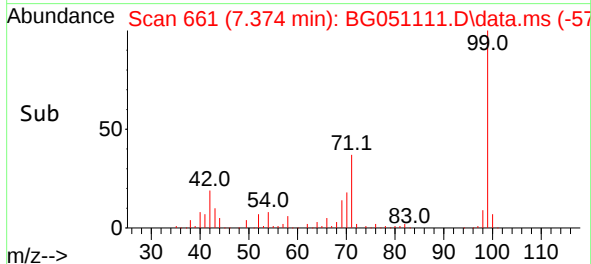
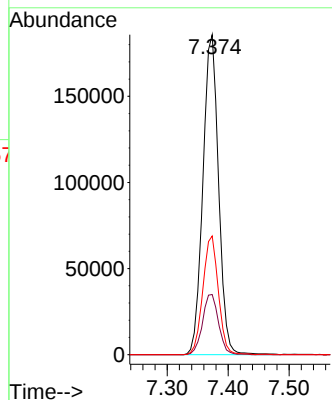
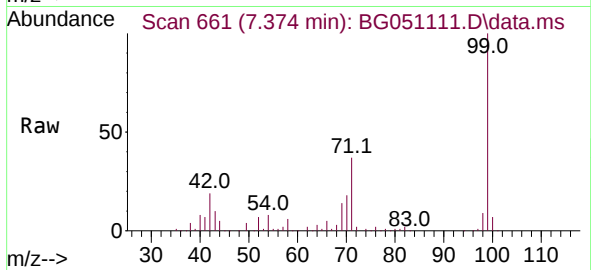




#7
Phenol-d6
Concen: 104.886 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

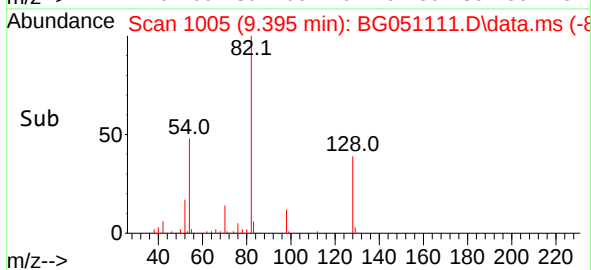
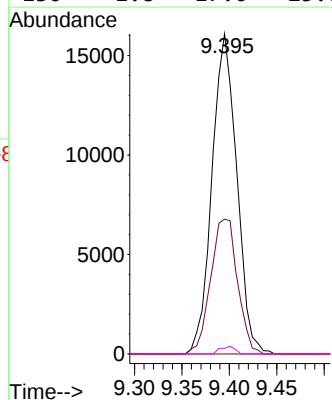
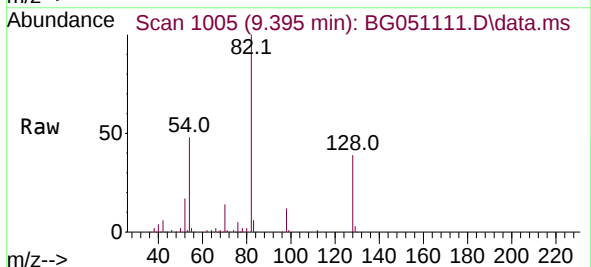
Instrument :
BNA_G
ClientSampleId :
218

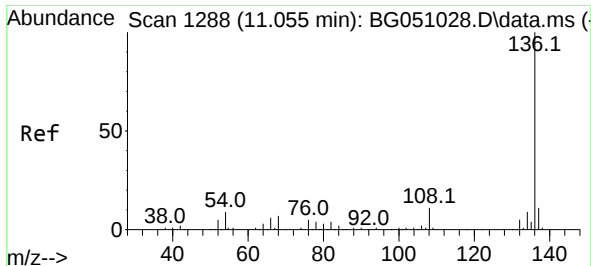
Tgt Ion: 99 Resp: 331829
Ion Ratio Lower Upper
99 100
42 18.8 20.5 30.7#
71 37.1 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.486 ng
RT: 9.395 min Scan# 1005
Delta R.T. 0.361 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

Tgt Ion: 70 Resp: 29192
Ion Ratio Lower Upper
70 100
42 42.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

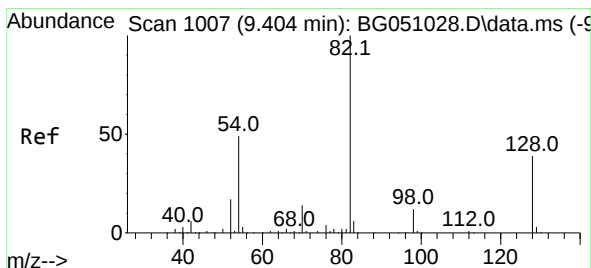
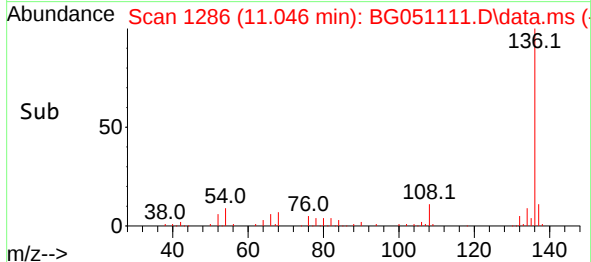
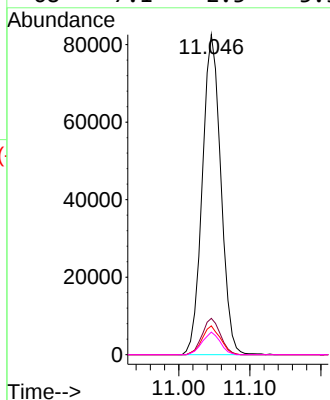
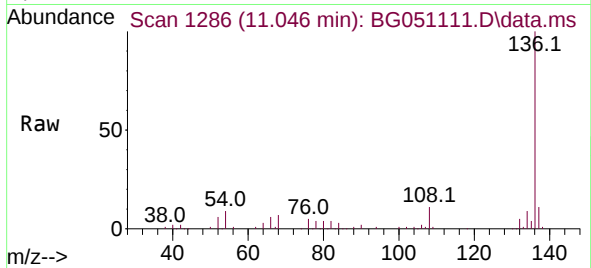




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1105
Delta R.T. -0.009 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

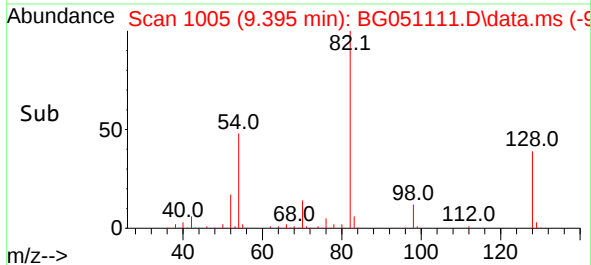
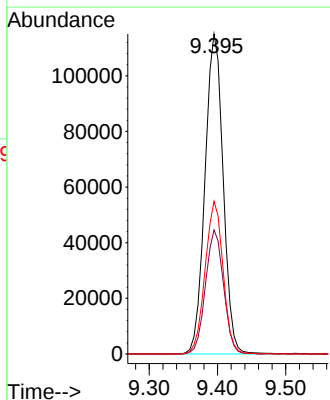
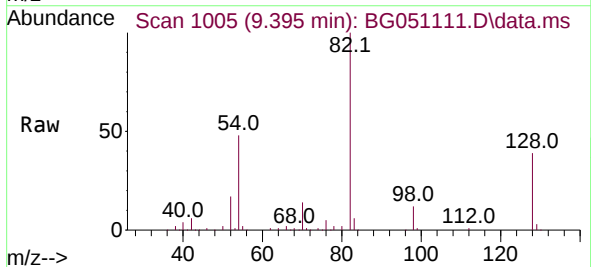
Instrument :
BNA_G
ClientSampleId :
218

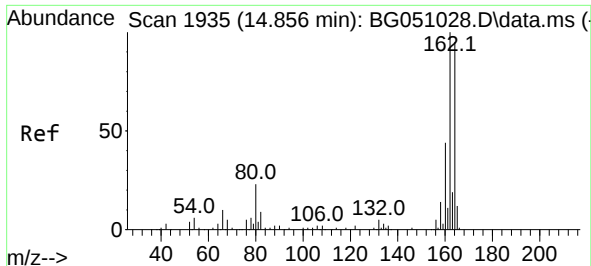
Tgt Ion:	136	Resp:	149633
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.2	12.2
54	9.0	5.5	8.3#
68	7.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 63.046 ng
RT: 9.395 min Scan# 1005
Delta R.T. -0.009 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

Tgt Ion:	82	Resp:	213111
Ion Ratio	Lower	Upper	
82	100		
128	38.8	29.8	44.6
54	47.7	45.8	68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.847 min Scan# 1935

Delta R.T. -0.009 min

Lab File: BG051111.D

Acq: 18 Nov 2021 18:51

Instrument :

BNA_G

ClientSampleId :

218

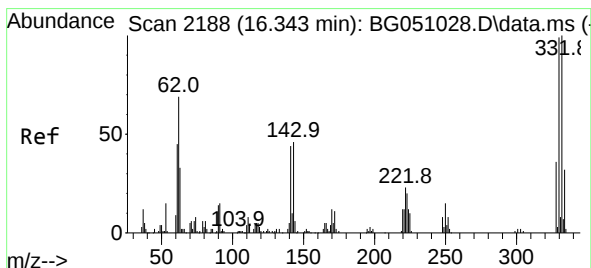
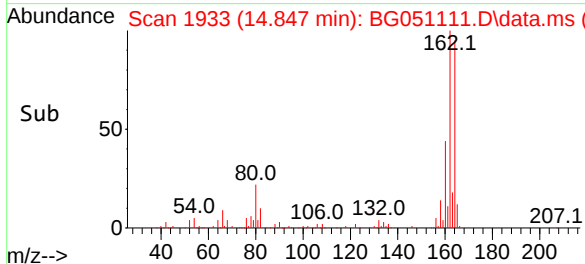
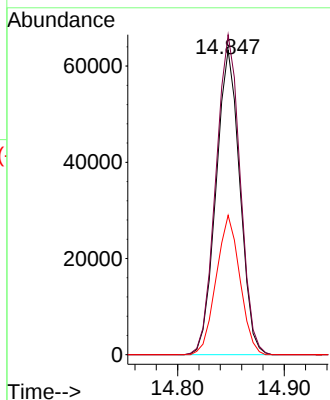
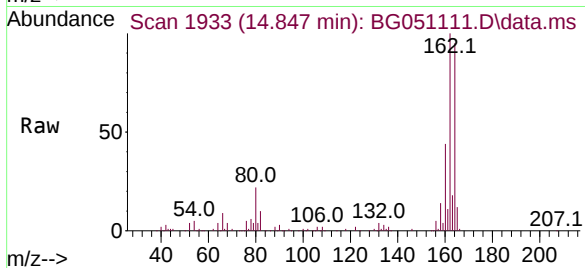
Tgt Ion:164 Resp: 98269

Ion Ratio Lower Upper

164 100

162 105.0 81.4 122.0

160 45.7 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 99.150 ng

RT: 16.340 min Scan# 2187

Delta R.T. -0.003 min

Lab File: BG051111.D

Acq: 18 Nov 2021 18:51

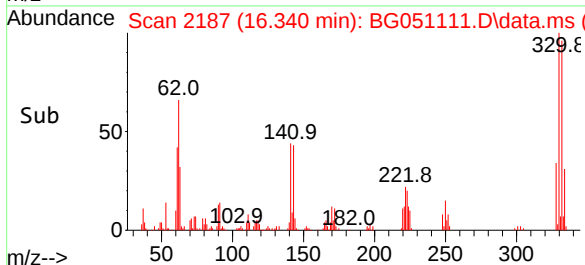
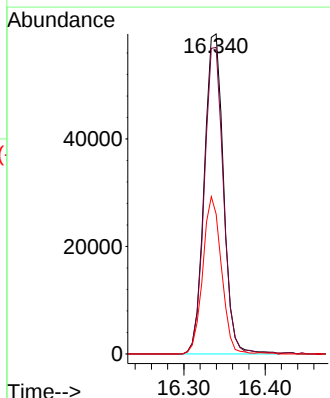
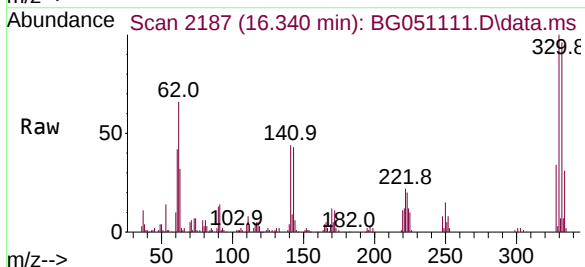
Tgt Ion:330 Resp: 97505

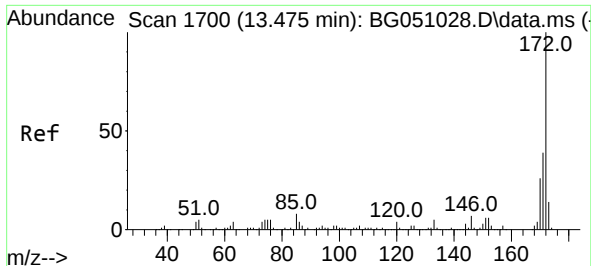
Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 47.6 35.6 53.4

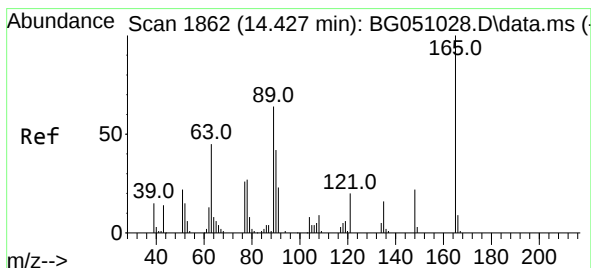
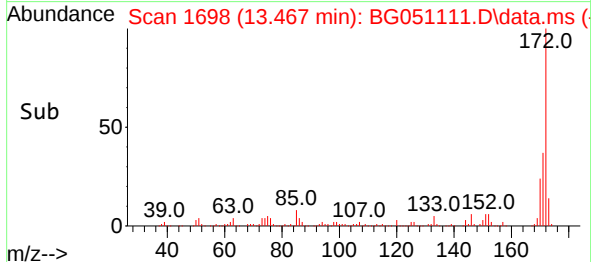
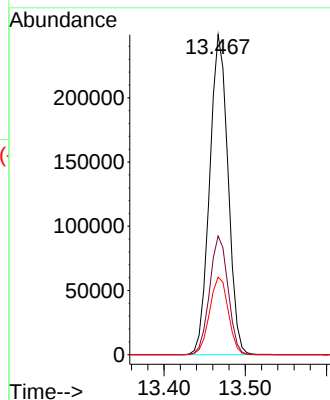
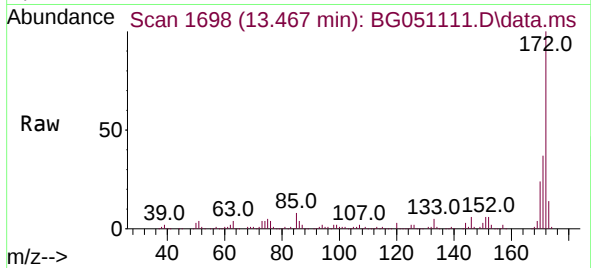




#45
2-Fluorobiphenyl
Concen: 62.870 ng
RT: 13.467 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

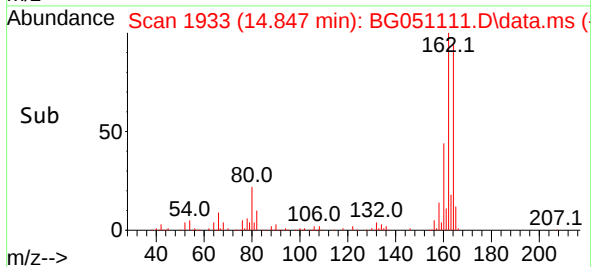
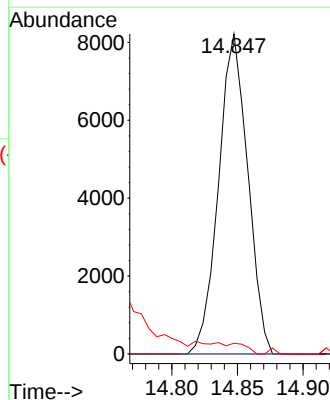
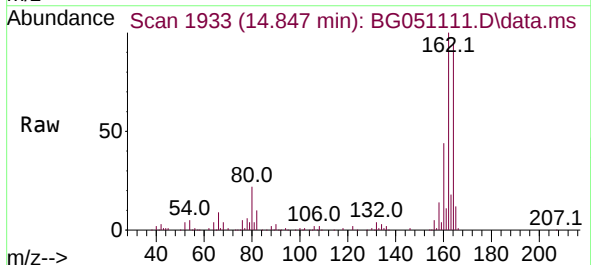
Instrument :
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ClientSampleId :
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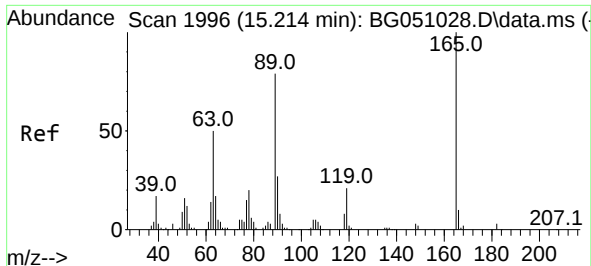
Tgt Ion:172 Resp: 391015
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.980 ng
RT: 14.847 min Scan# 1933
Delta R.T. 0.420 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

Tgt Ion:165 Resp: 12698
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.4 63.4 95.0#

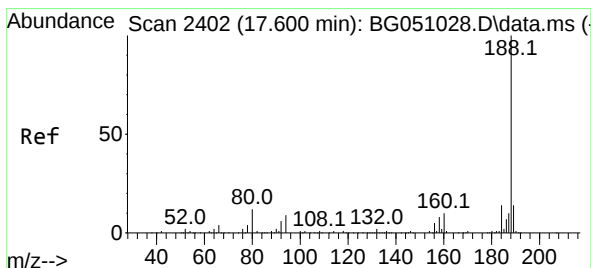
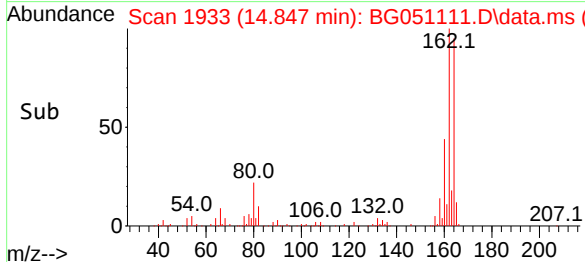
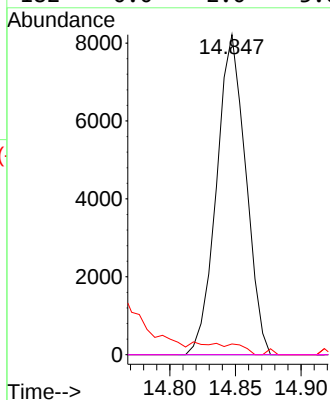
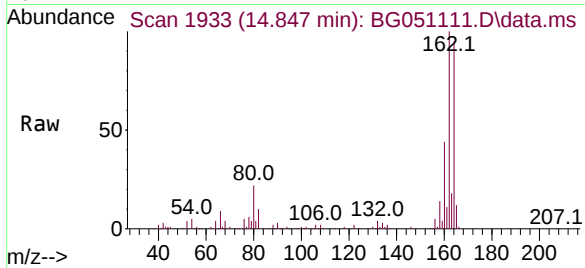




#57
2,4-Dinitrotoluene
Concen: 5.624 ng
RT: 14.847 min Scan# 1996
Delta R.T. -0.367 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

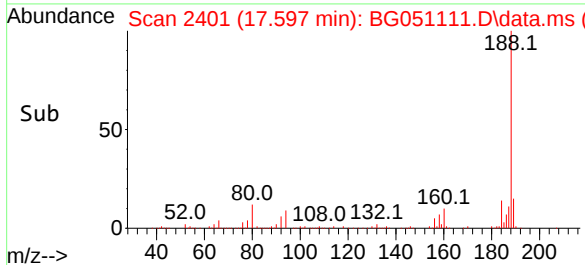
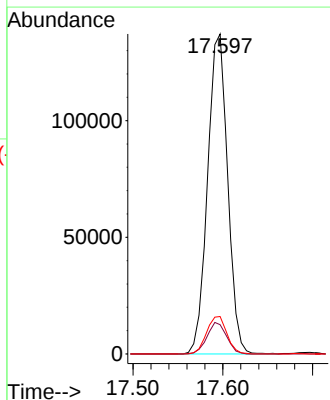
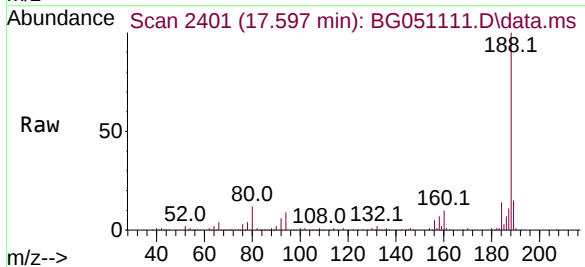
Instrument :
BNA_G
ClientSampleId :
218

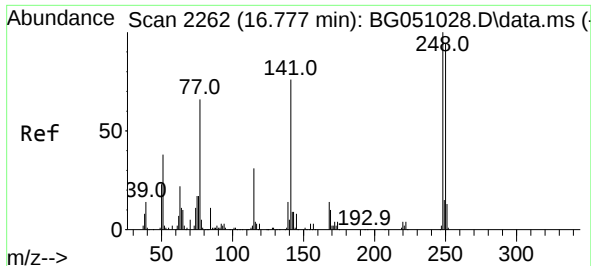
Tgt Ion:165 Resp: 12698
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.597 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

Tgt Ion:188 Resp: 212571
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.7 3.7 5.5#

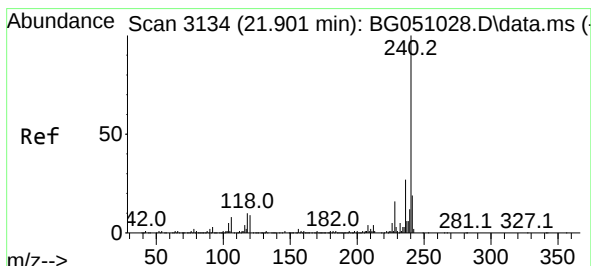
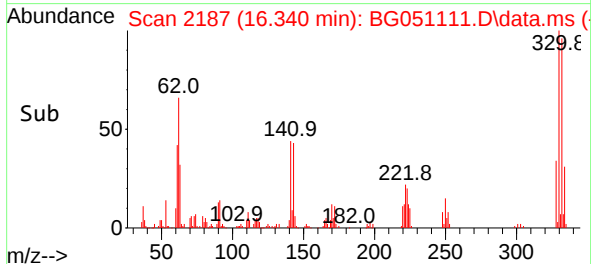
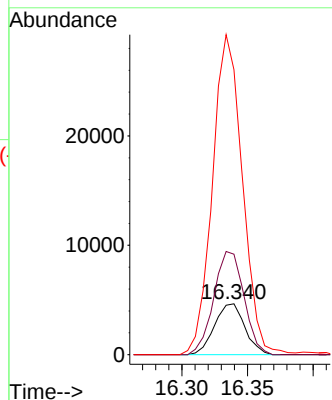
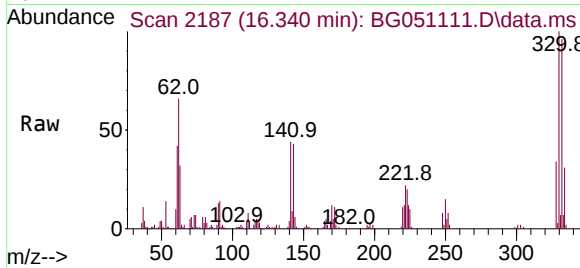




#67
4-Bromophenyl-phenylether
Concen: 3.352 ng
RT: 16.340 min Scan# 218
Delta R.T. -0.438 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

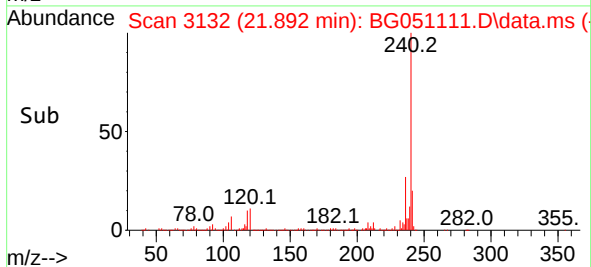
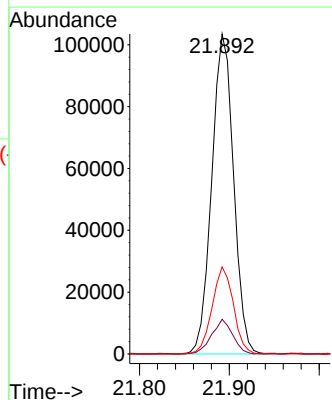
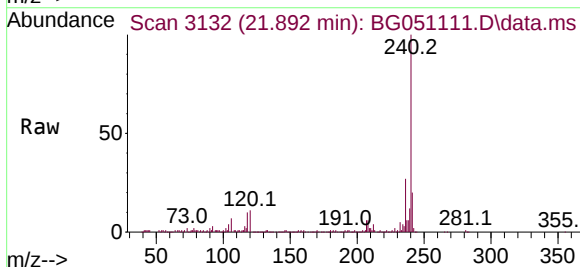
Instrument :
BNA_G
ClientSampleId :
218

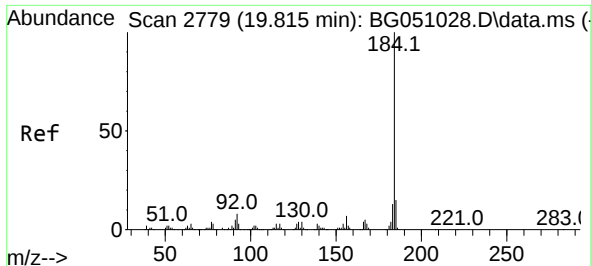
Tgt Ion:248 Resp: 7464
Ion Ratio Lower Upper
248 100
250 197.3 76.1 114.1#
141 559.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

Tgt Ion:240 Resp: 174554
Ion Ratio Lower Upper
240 100
120 10.8 4.2 6.2#
236 27.2 21.8 32.6

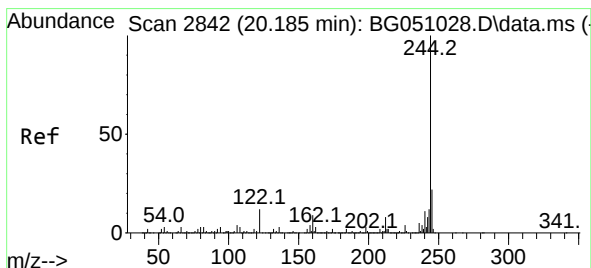
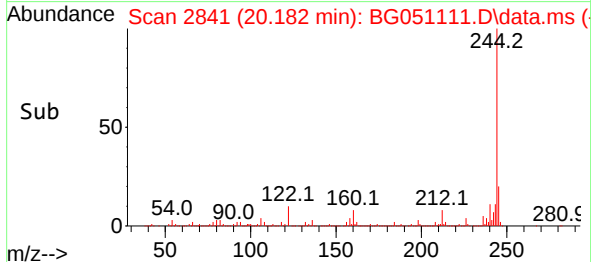
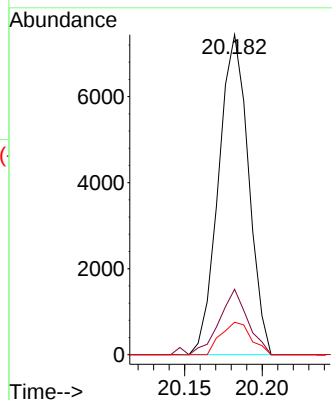
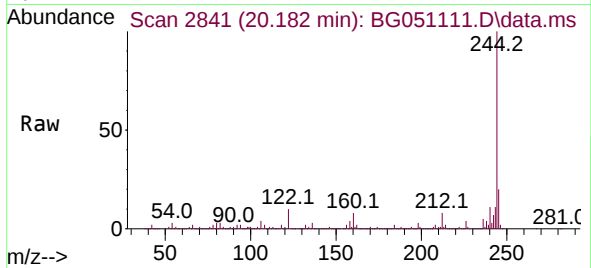




#77
Benzidine
Concen: 3.025 ng
RT: 20.182 min Scan# 218
Delta R.T. 0.367 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

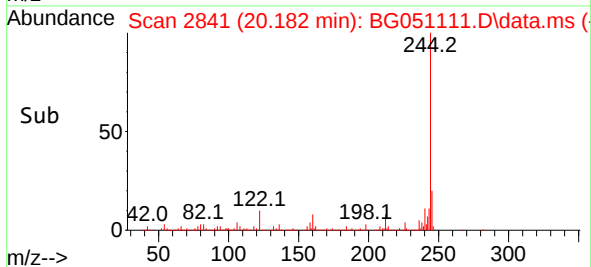
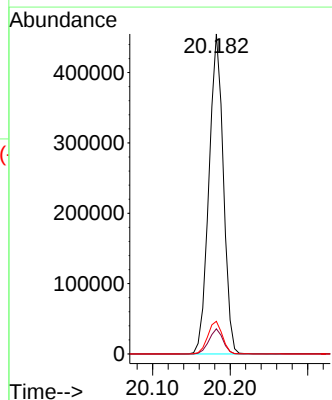
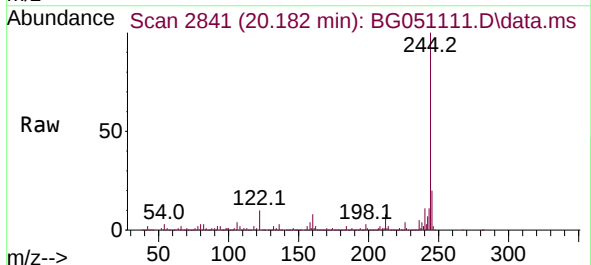
Instrument :
BNA_G
ClientSampleId :
218

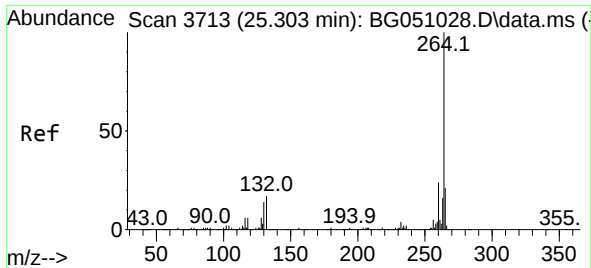
Tgt Ion:184 Resp: 9980
Ion Ratio Lower Upper
184 100
185 20.5 10.7 16.1#
183 10.1 9.4 14.0



#79
Terphenyl-d14
Concen: 63.884 ng
RT: 20.182 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

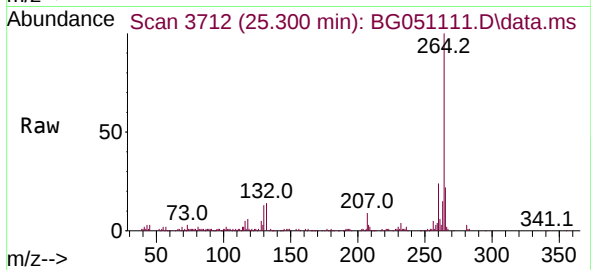
Tgt Ion:244 Resp: 585570
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 10.2 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.300 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG051111.D
Acq: 18 Nov 2021 18:51

Instrument :
BNA_G
ClientSampleId :
218



Tgt Ion:264 Resp: 171628

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.7	16.9	25.3

