

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048331.D
 Acq On : 4 Mar 2021 16:45
 Operator : CG/JU
 Sample : M1545-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-F

Quant Time: Mar 04 17:33:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

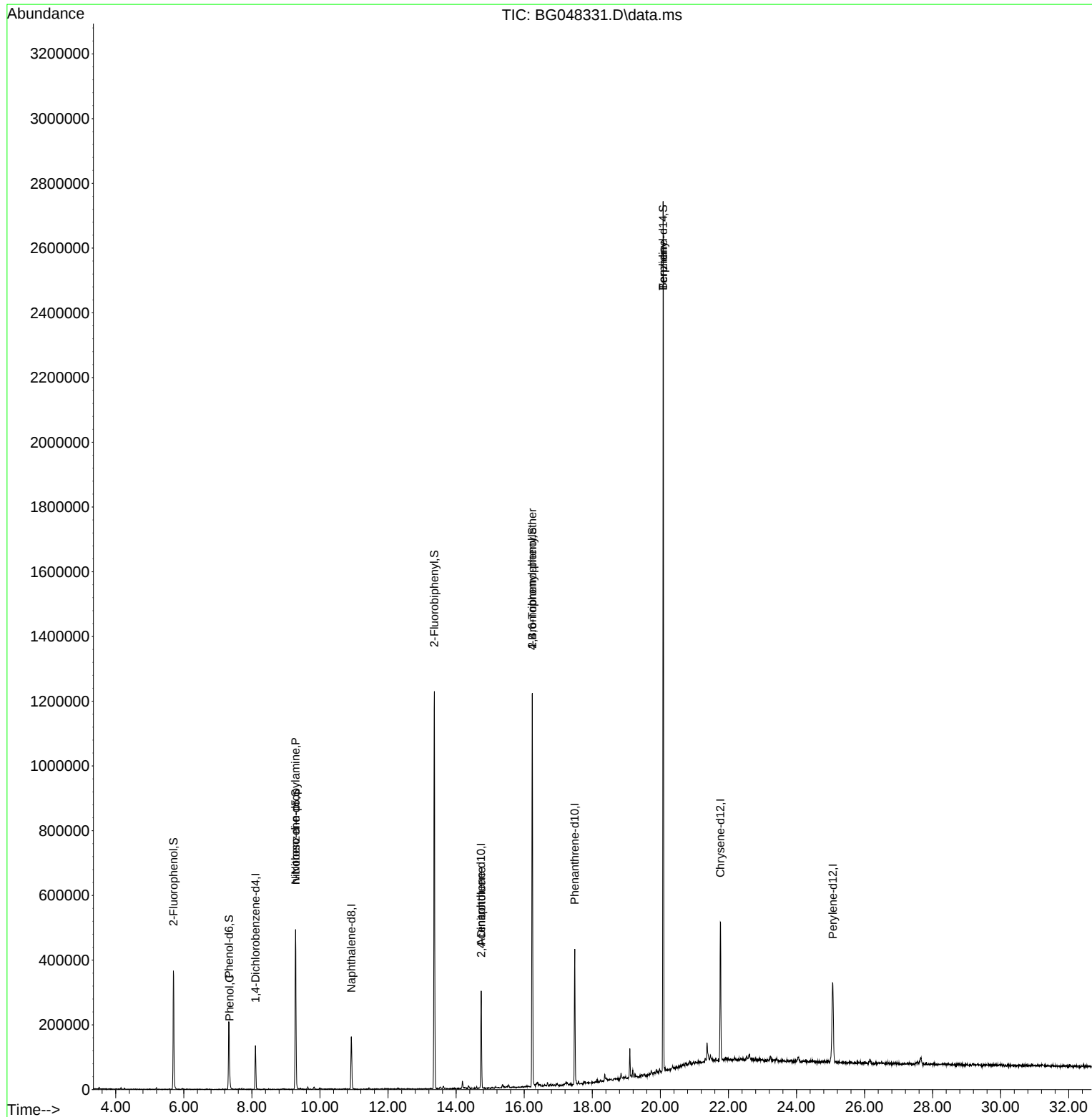
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	34876	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	137581	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	102389	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	257857	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	274649	20.00	ng	# 0.00
86) Perylene-d12	25.065	264	274299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	144840	70.69	ng	0.00
7) Phenol-d6	7.327	99	115910	37.24	ng	0.01
23) Nitrobenzene-d5	9.283	82	307334	94.49	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	235958	144.08	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	653028	89.42	ng	0.00
79) Terphenyl-d14	20.082	244	1135806	75.57	ng	0.00
Target Compounds						
10) Phenol	7.344	94	10922	3.47	ng	# 55
19) n-Nitroso-di-n-propyla...	9.283	70	47430	19.74	ng	# 78
57) 2,4-Dinitrotoluene	14.742	165	14029	5.05	ng	# 35
67) 4-Bromophenyl-phenylether	16.234	248	16193	4.90	ng	# 1
77) Benzidine	20.082	184	22698	2.53	ng	# 94

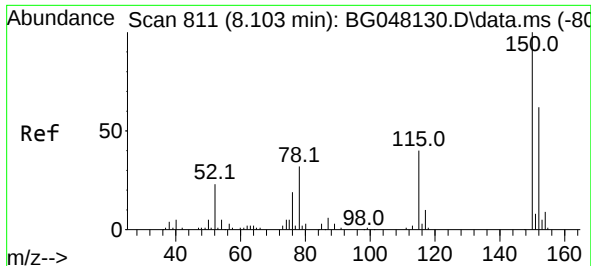
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

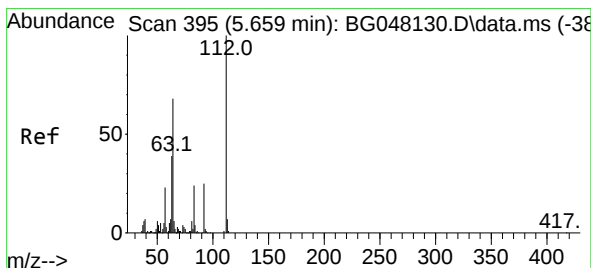
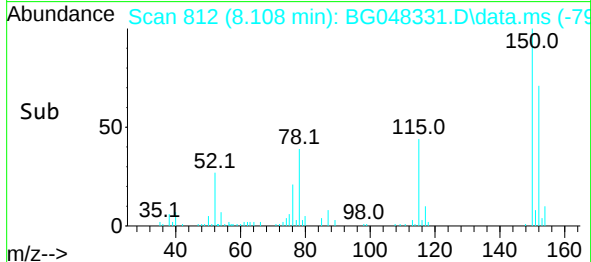
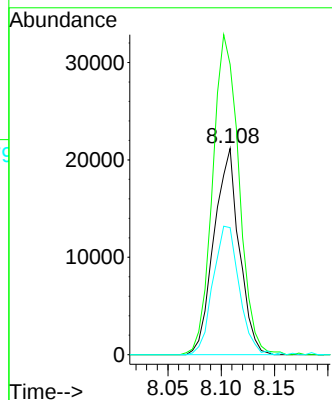
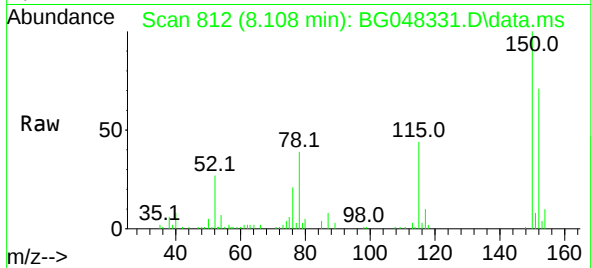




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. 0.006 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

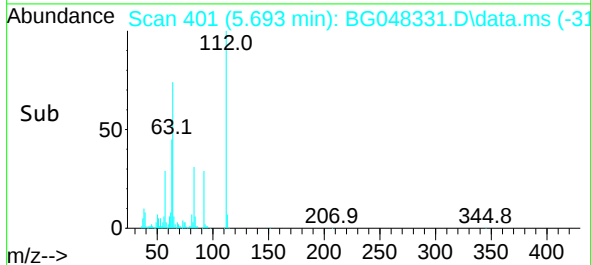
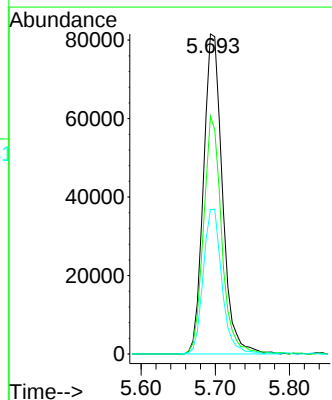
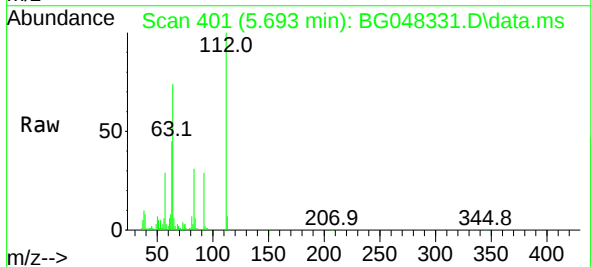
Instrument :
BNA_G
ClientSampleId :
MH-F

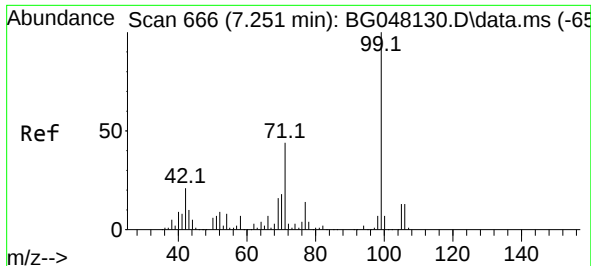
Tgt Ion:152 Resp: 34876
Ion Ratio Lower Upper
152 100
150 140.7 125.0 187.6
115 61.6 41.8 62.6



#5
2-Fluorophenol
Concen: 70.69 ng
RT: 5.693 min Scan# 401
Delta R.T. 0.006 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

Tgt Ion:112 Resp: 144840
Ion Ratio Lower Upper
112 100
64 74.4 46.7 70.1#
63 45.1 22.8 34.2#

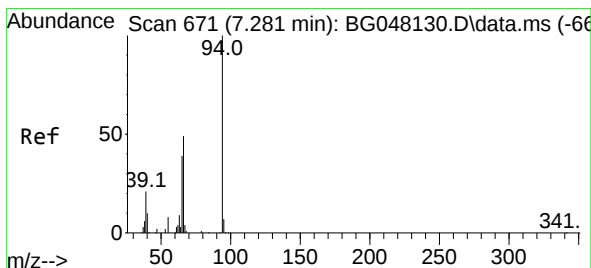
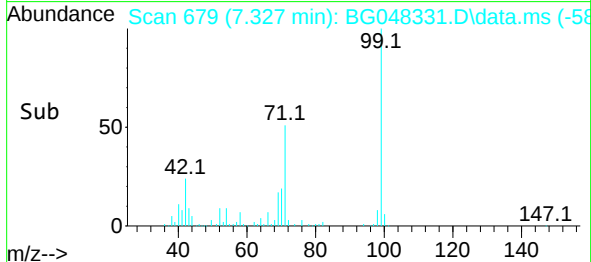
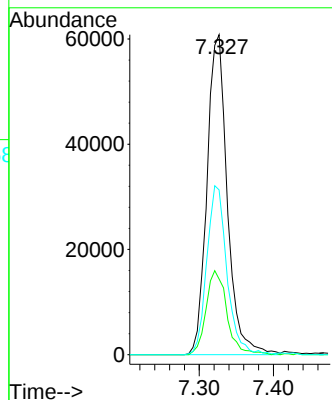
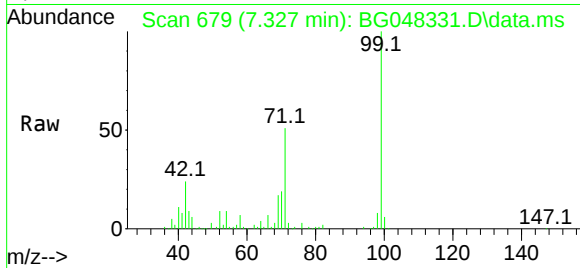




#7
Phenol-d6
Concen: 37.24 ng
RT: 7.327 min Scan# 679
Delta R.T. 0.012 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

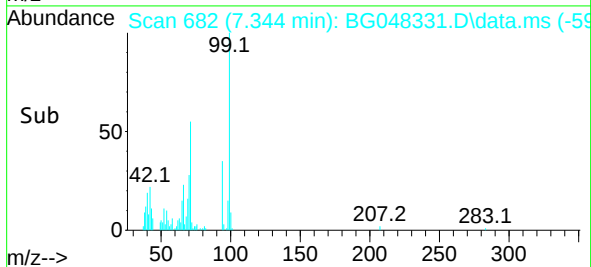
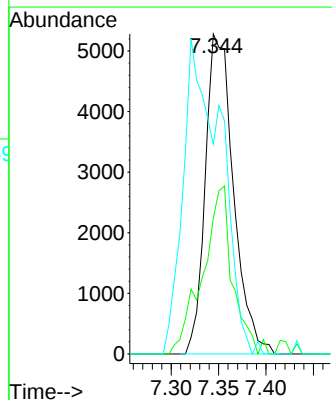
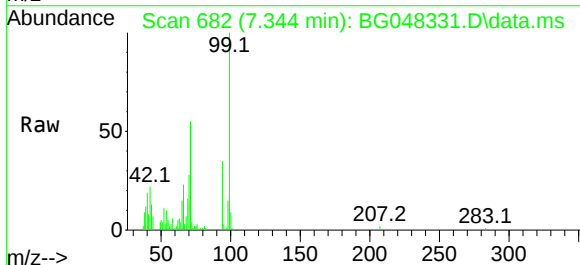
Instrument :
BNA_G
ClientSampleId :
MH-F

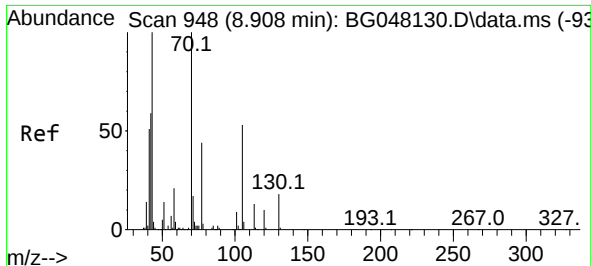
Tgt Ion: 99 Resp: 115910
Ion Ratio Lower Upper
99 100
42 23.7 12.8 19.2#
71 51.5 24.6 36.8#



#10
Phenol
Concen: 3.47 ng
RT: 7.344 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

Tgt Ion: 94 Resp: 10922
Ion Ratio Lower Upper
94 100
65 42.5 6.6 46.6
66 65.6 13.9 53.9#

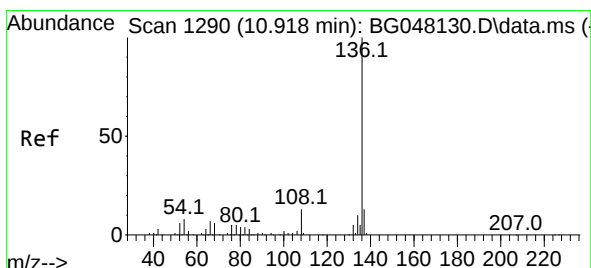
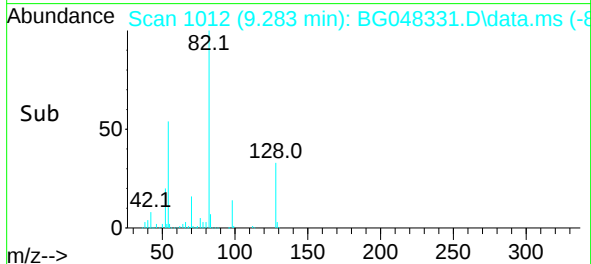
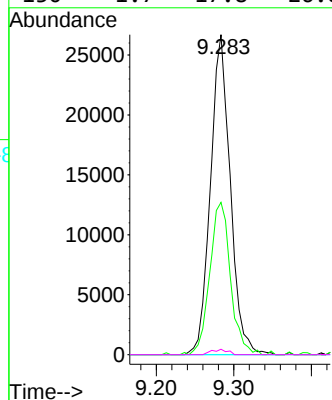
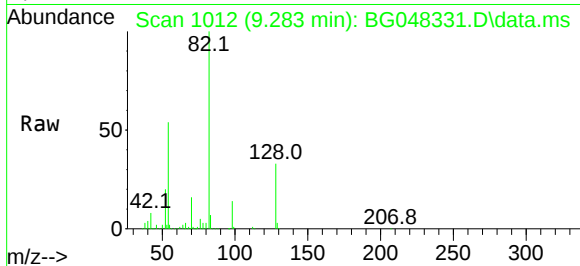




#19
n-Nitroso-di-n-propylamine
Concen: 19.74 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.365 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

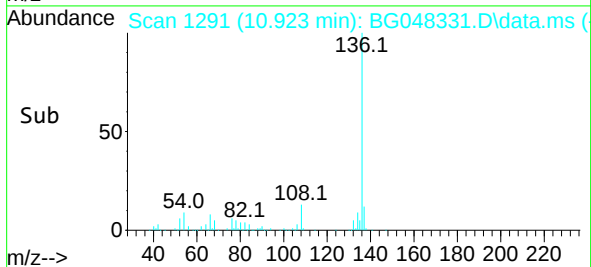
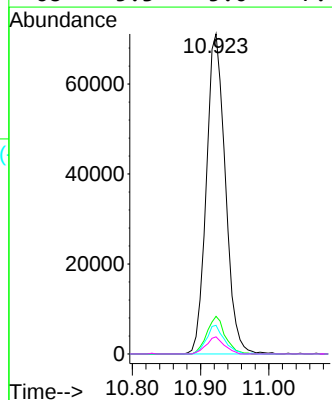
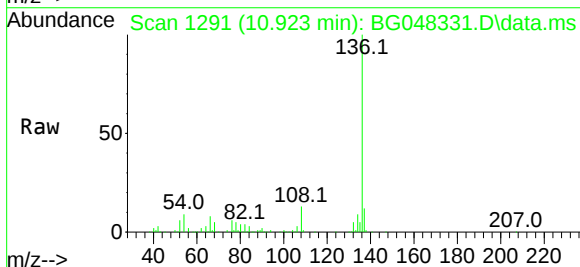
Instrument :
BNA_G
ClientSampled :
MH-F

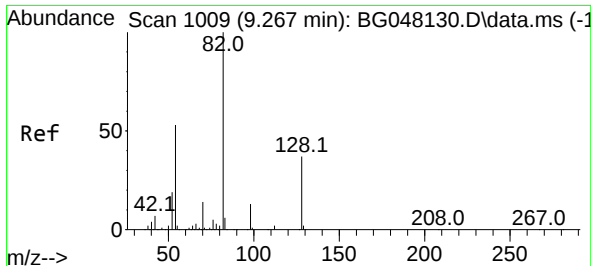
Tgt Ion:	70	Resp:	47430
Ion	Ratio	Lower	Upper
70	100		
42	47.6	45.6	68.4
101	0.0	8.4	12.6#
130	1.7	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

Tgt Ion:	136	Resp:	137581
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	8.9	6.2	9.4
68	5.3	5.0	7.4

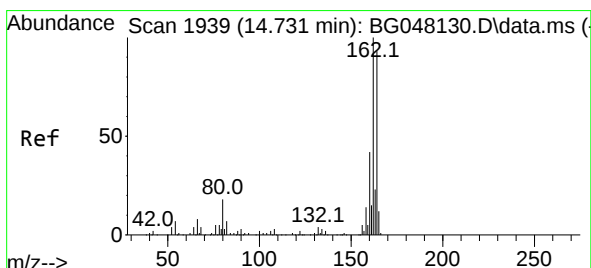
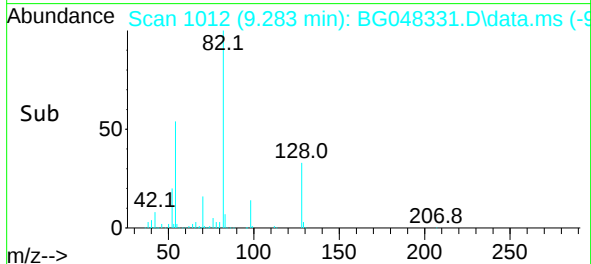
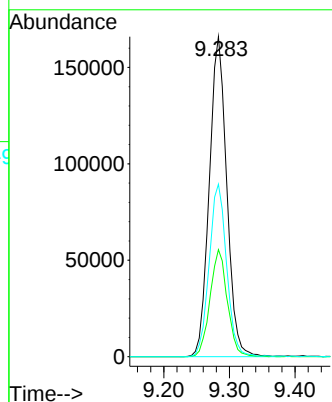
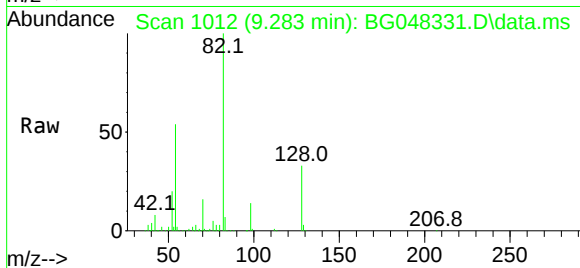




#23
Nitrobenzene-d5
Concen: 94.49 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

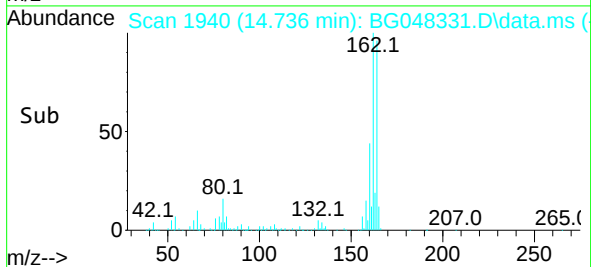
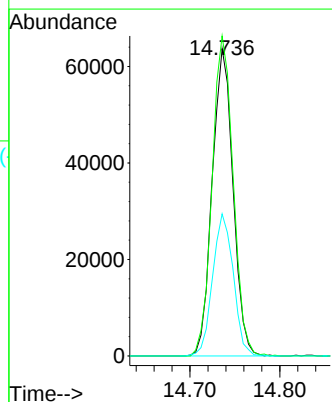
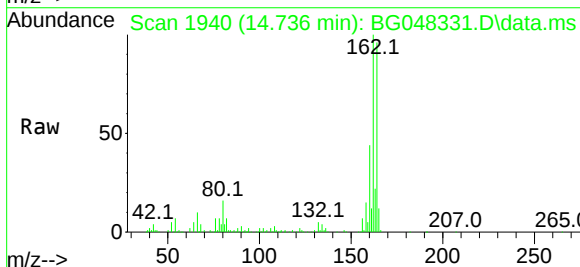
Instrument :
BNA_G
ClientSampleId :
MH-F

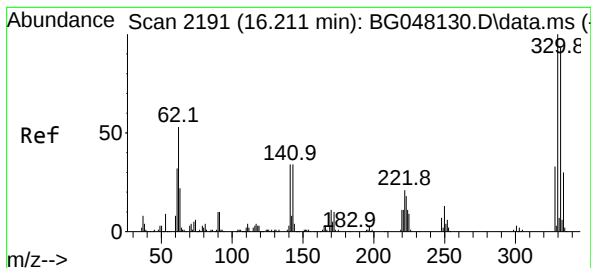
Tgt Ion: 82 Resp: 307334
Ion Ratio Lower Upper
82 100
128 33.5 37.0 55.6#
54 53.9 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

Tgt Ion:164 Resp: 102389
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 46.2 35.3 52.9

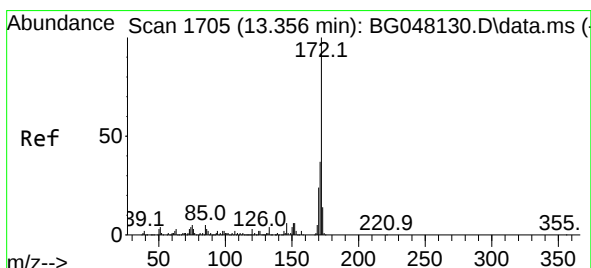
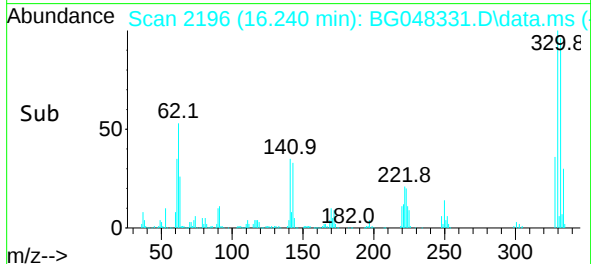
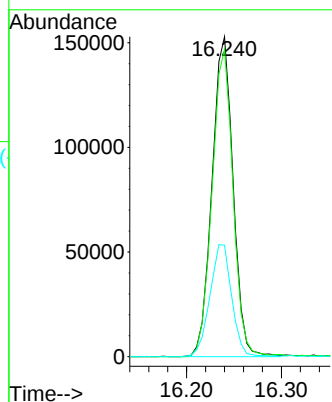
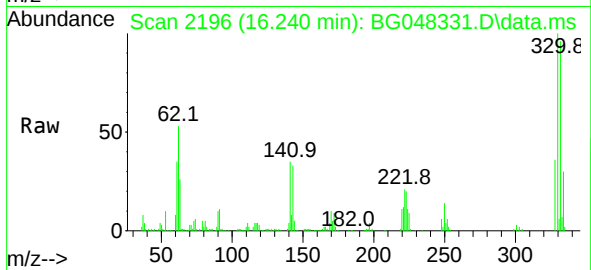




#42
2,4,6-Tribromophenol
Concen: 144.08 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

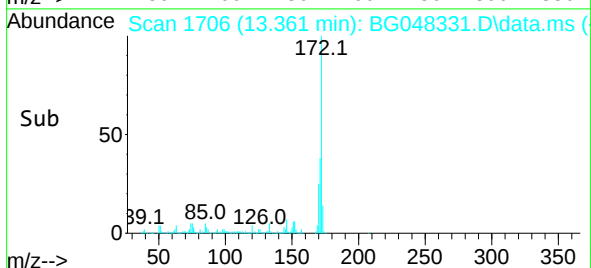
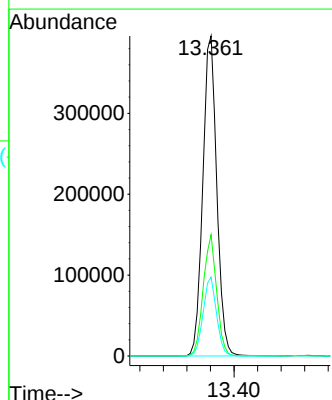
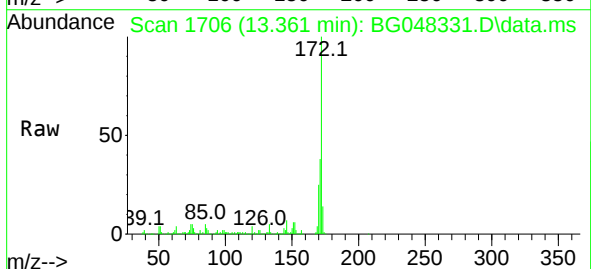
Instrument :
BNA_G
ClientSampleId :
MH-F

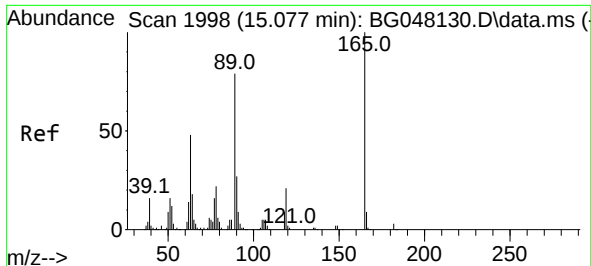
Tgt Ion:330 Resp: 235958
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 36.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 89.42 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

Tgt Ion:172 Resp: 653028
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 24.6 20.8 31.2

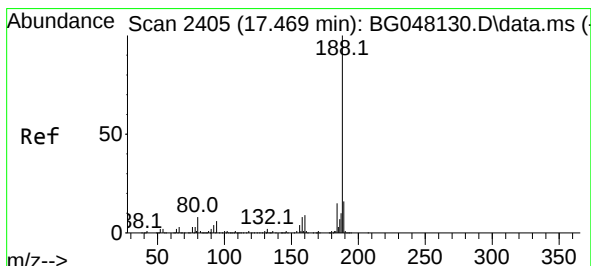
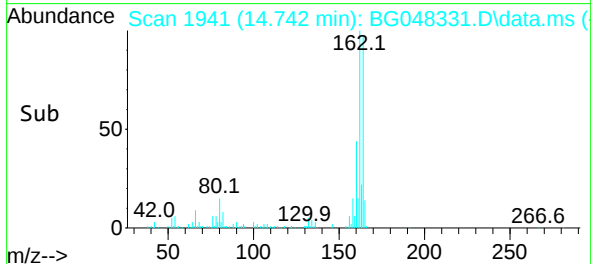
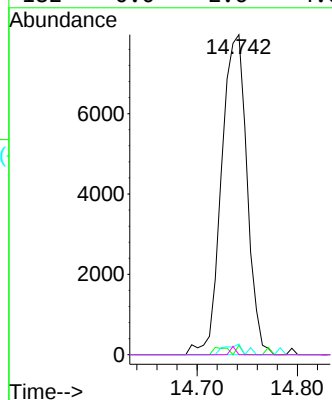
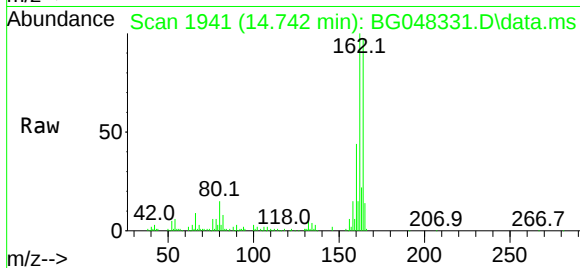




#57
2,4-Dinitrotoluene
Concen: 5.05 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.376 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

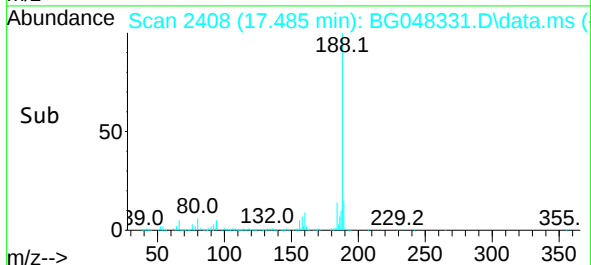
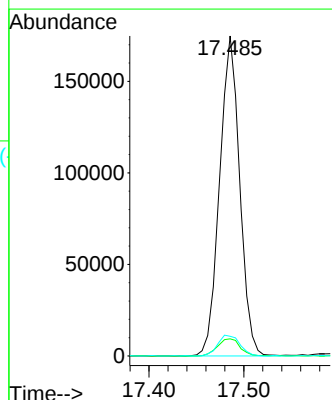
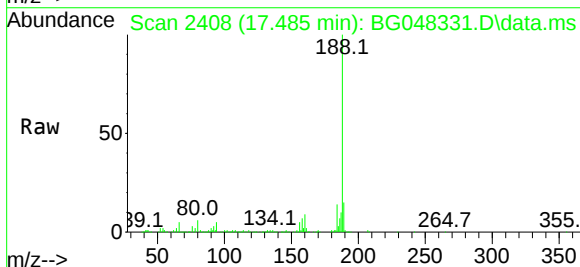
Instrument :
BNA_G
ClientSampled :
MH-F

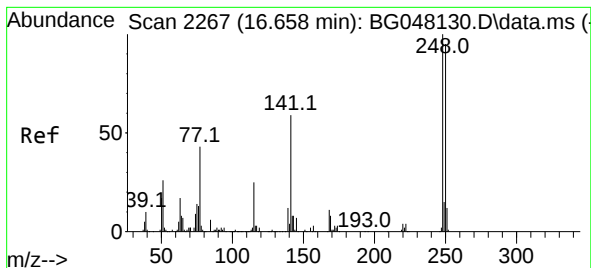
Tgt Ion:165 Resp: 14029
Ion Ratio Lower Upper
165 100
63 2.9 26.4 39.6#
89 3.4 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

Tgt Ion:188 Resp: 257857
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.2 7.0 10.6#

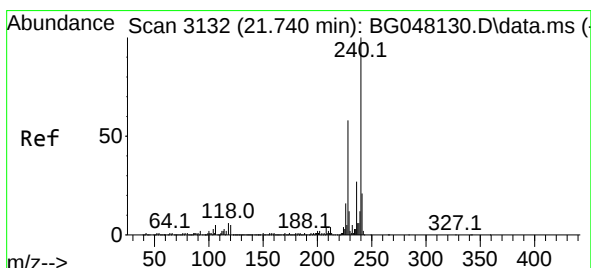
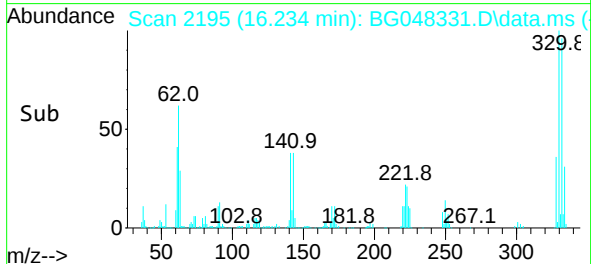
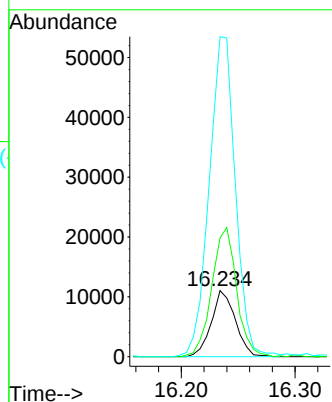
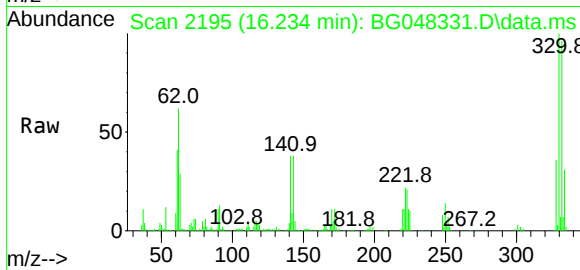




#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.435 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

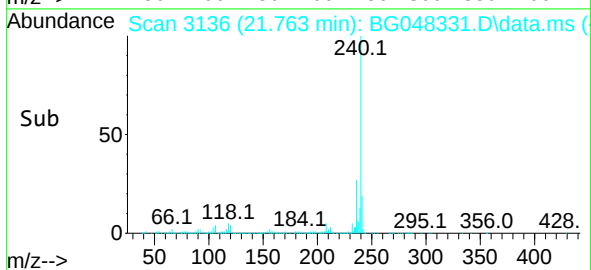
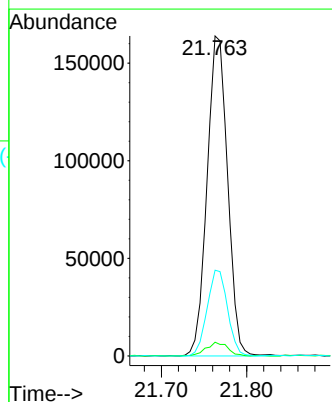
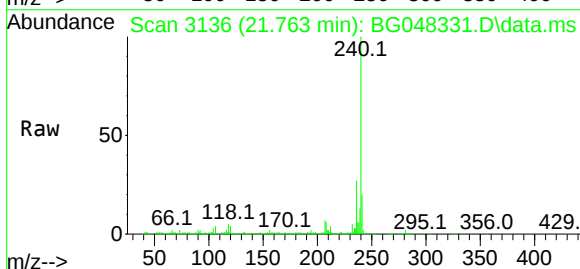
Instrument :
BNA_G
ClientSampleId :
MH-F

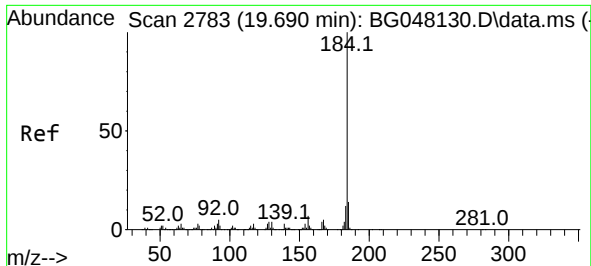
Tgt Ion:248 Resp: 16193
Ion Ratio Lower Upper
248 100
250 179.7 78.9 118.3#
141 484.0 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

Tgt Ion:240 Resp: 274649
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 26.8 20.5 30.7

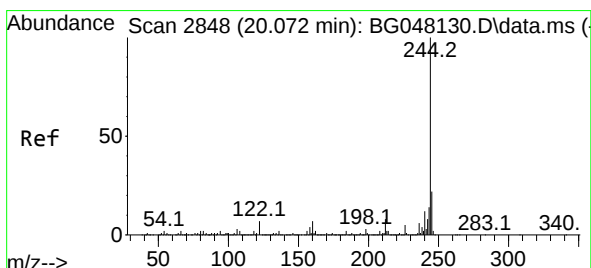
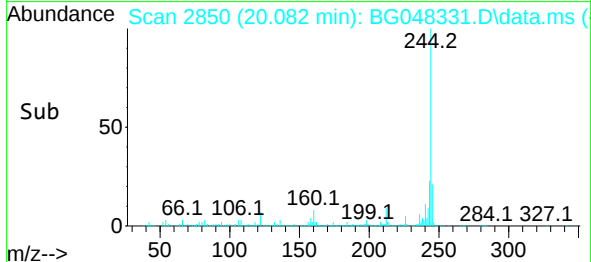
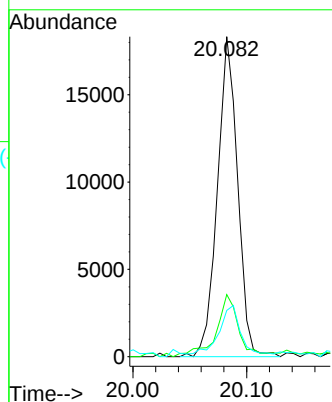
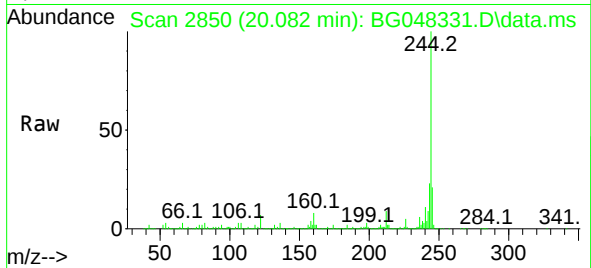




#77
Benzidine
Concen: 2.53 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.365 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

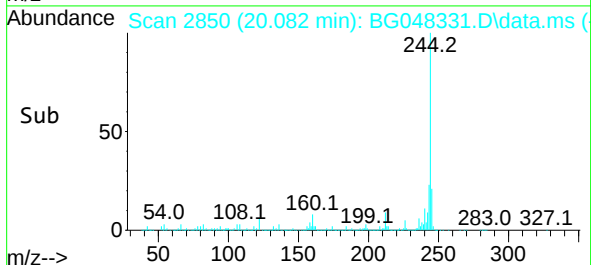
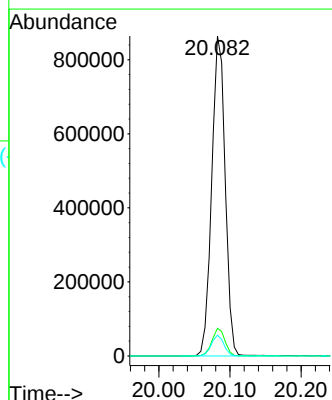
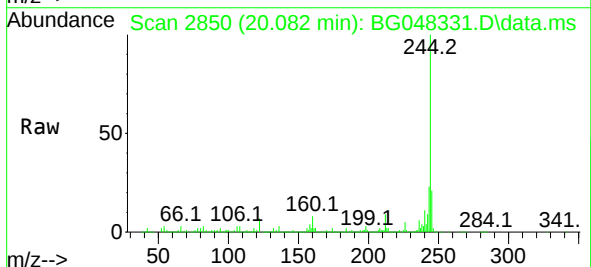
Instrument :
BNA_G
ClientSampleId :
MH-F

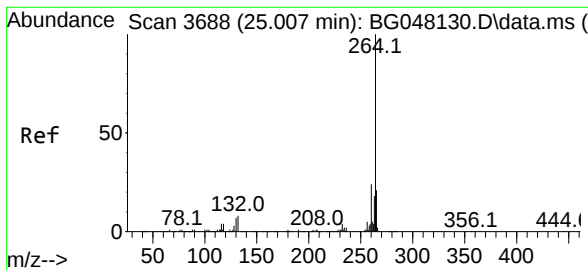
Tgt Ion:184 Resp: 22698
Ion Ratio Lower Upper
184 100
185 19.4 12.4 18.6#
183 14.4 10.6 15.8



#79
Terphenyl-d14
Concen: 75.57 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG048331.D
Acq: 4 Mar 2021 16:45

Tgt Ion:244 Resp: 1135806
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 6.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.065 min Scan# 3698
 Delta R.T. 0.000 min
 Lab File: BG048331.D
 Acq: 4 Mar 2021 16:45

Instrument :
 BNA_G
 ClientSampleId :
 MH-F

Tgt Ion:264 Resp: 274299
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.8 17.8 26.8

