

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043552.D
 Acq On : 7 Nov 2019 23:22
 Operator : JU
 Sample : K5723-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-D

Quant Time: Nov 08 04:57:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

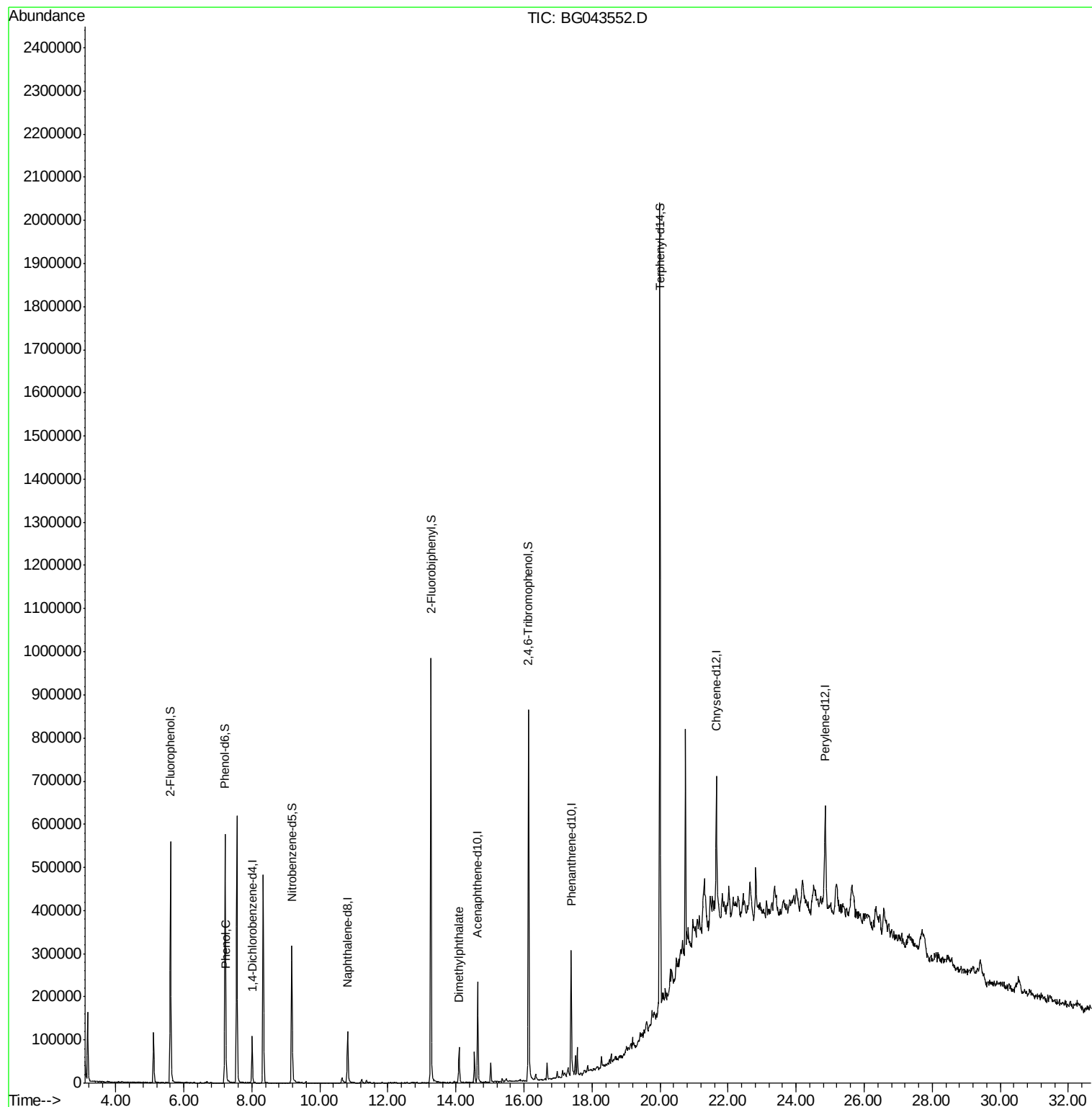
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32897	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	119614	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	87640	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	201669	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212282	20.00	ng	0.00
87) Perylene-d12	24.85	264	252207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	264708	147.45	ng	0.01
7) Phenol-d6	7.22	99	356635	138.07	ng	0.02
23) Nitrobenzene-d5	9.17	82	222267	95.80	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	215097	128.97	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	575331	90.71	ng	0.00
79) Terphenyl-d14	19.99	244	1008724	89.15	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12103	5.128	ng	92
50) Dimethylphthalate	14.09	163	63502	9.355	ng	# 98

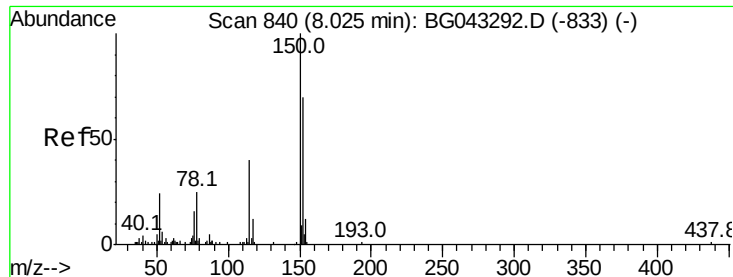
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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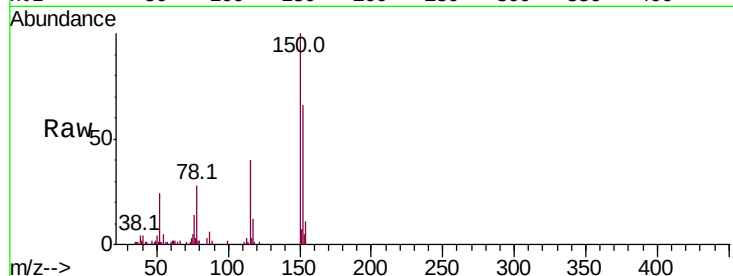


#1

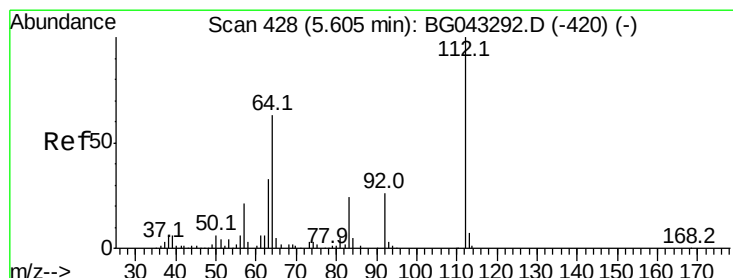
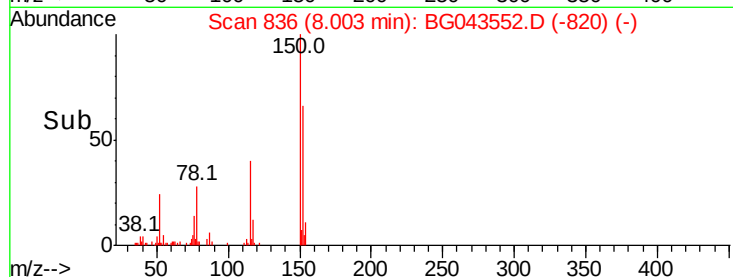
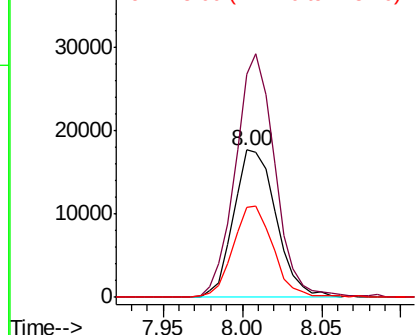
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :
10-D

Tot Ion:152 Resp: 32897
Ion Ratio Lower Upper
152 100
150 151.0 129.4 194.0
115 60.9 48.8 73.2



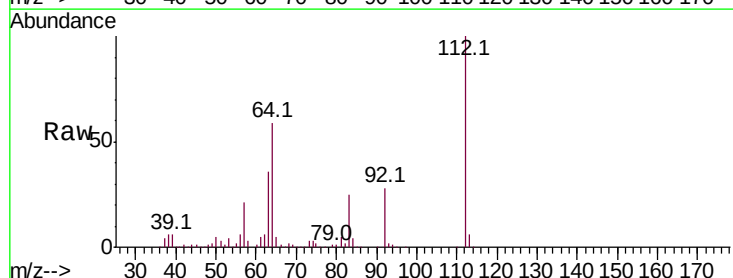
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



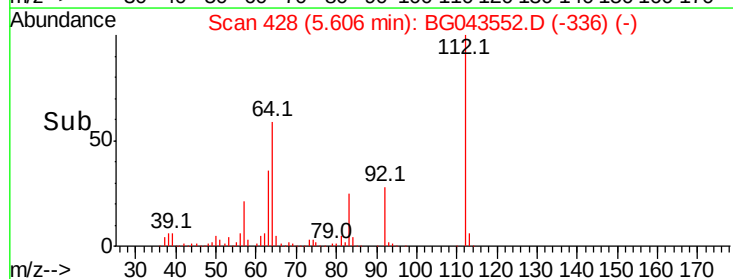
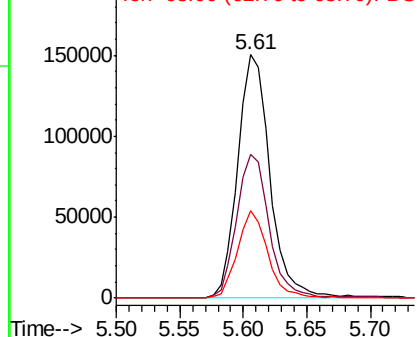
#5

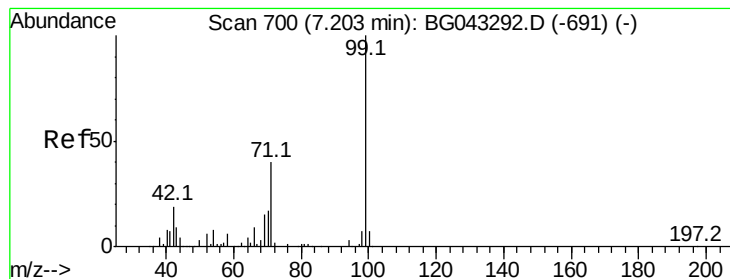
2-Fluorophenol
Concen: 147.449 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Tgt Ion:112 Resp: 264708
Ion Ratio Lower Upper
112 100
64 58.8 50.0 75.0
63 36.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.073 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

10-D

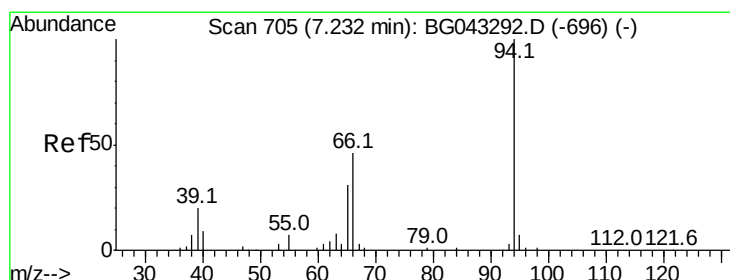
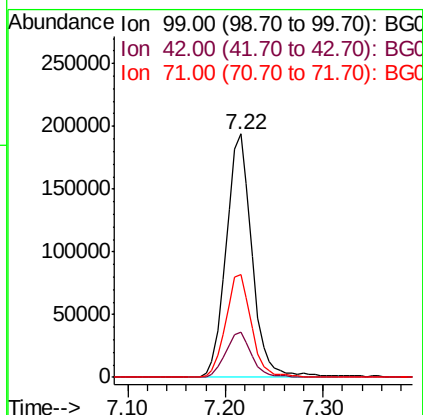
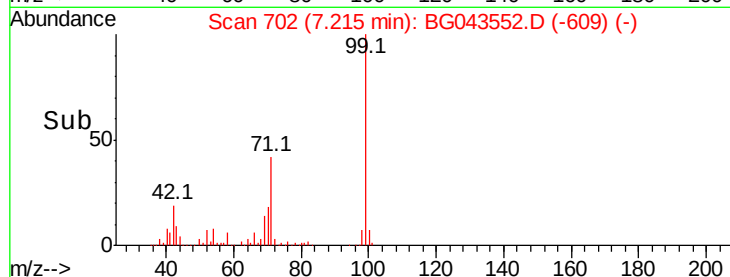
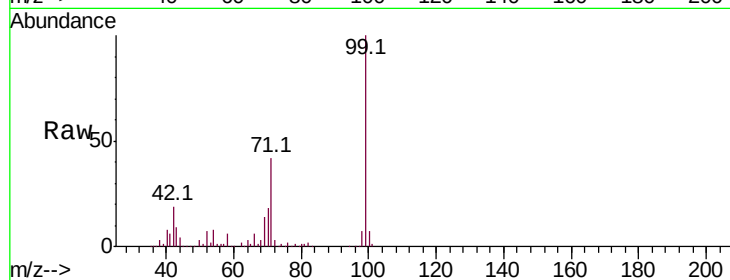
Tot Ion: 99 Resp: 356635

Ion Ratio Lower Upper

99 100

42 18.6 14.6 21.8

71 42.2 32.5 48.7



#10

Phenol

Concen: 5.128 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

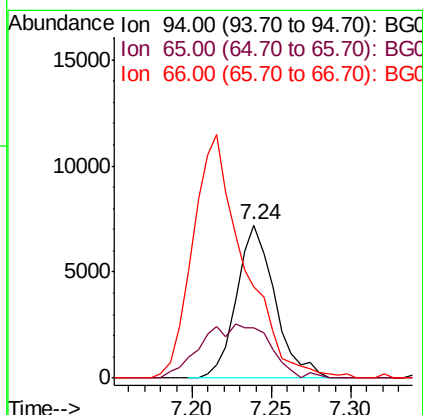
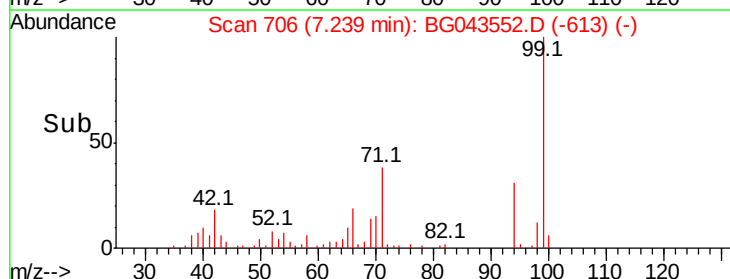
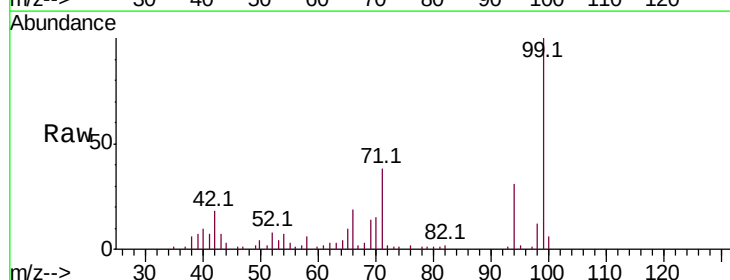
Tgt Ion: 94 Resp: 12103

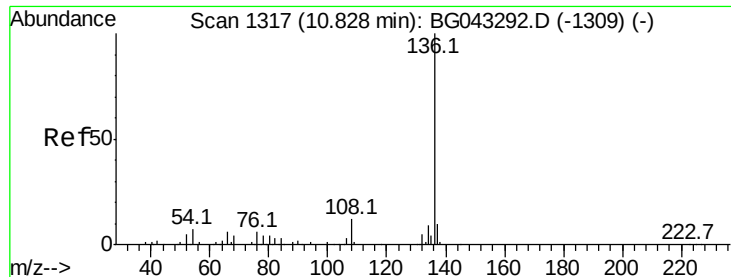
Ion Ratio Lower Upper

94 100

65 33.0 12.6 52.6

66 60.0 30.7 70.7

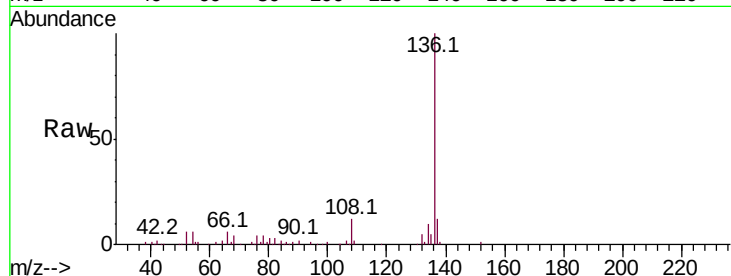




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Instrument :
BNA_G
ClientSampleId :
10-D

Tot Ion:136	Resp:	119614	
Ion Ratio	Lower	Upper	
136 100			
137 12.4	8.7	13.1	
54 6.4	5.4	8.2	
68 4.1	3.0	4.4	



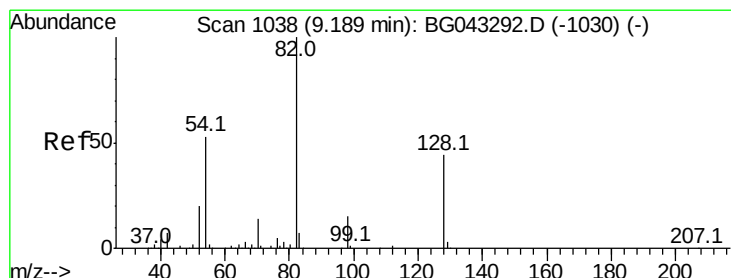
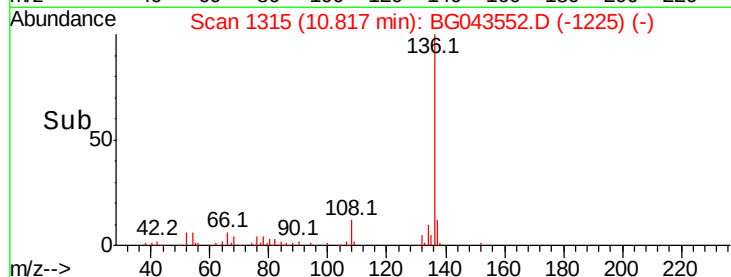
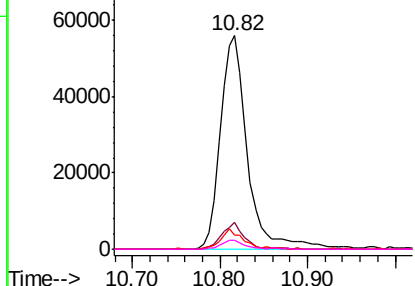
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

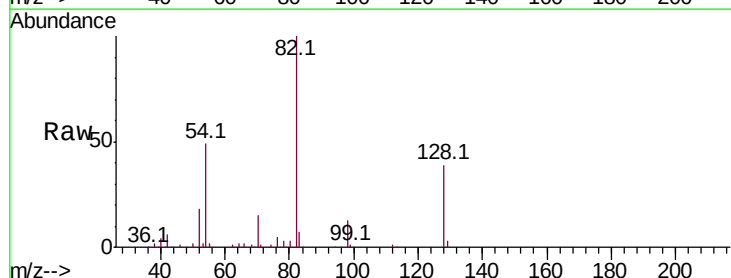
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 95.799 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Tgt	Ion: 82	Resp:	222267
Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.0	52.6
54	48.7	40.2	60.2

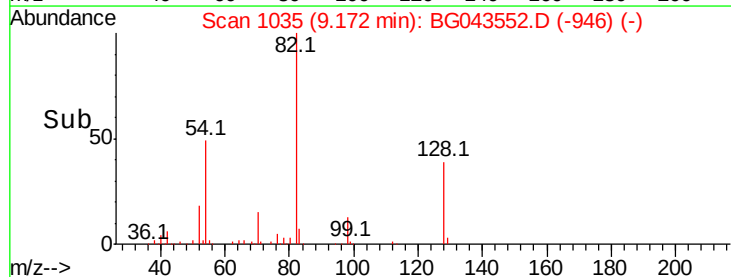
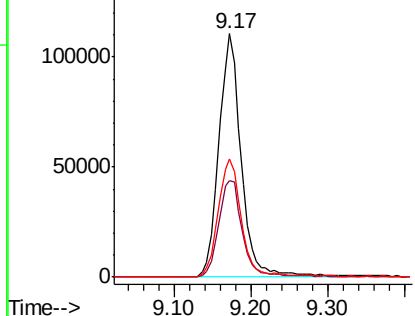


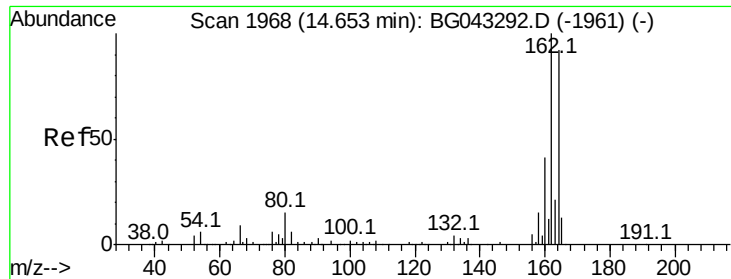
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

10-D

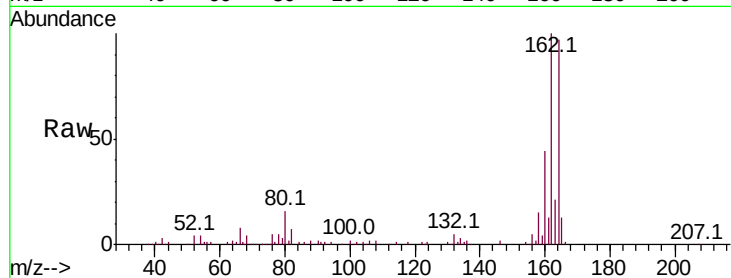
Tot Ion:164 Resp: 87640

Ion Ratio Lower Upper

164 100

162 103.4 83.5 125.3

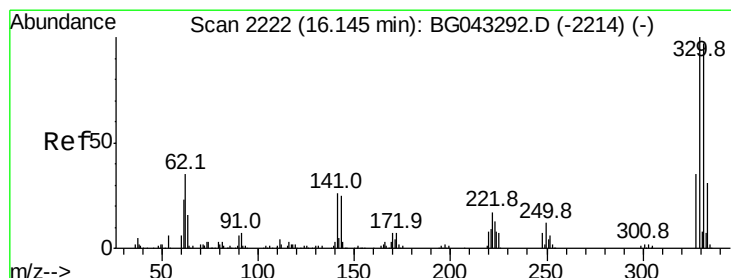
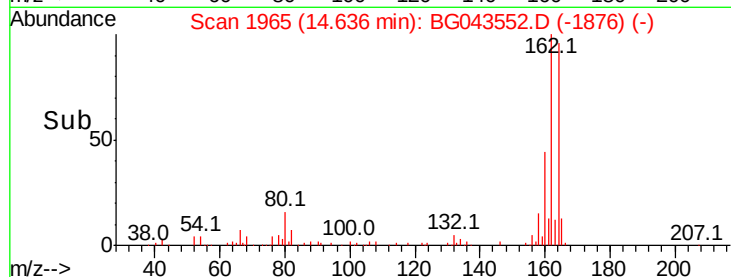
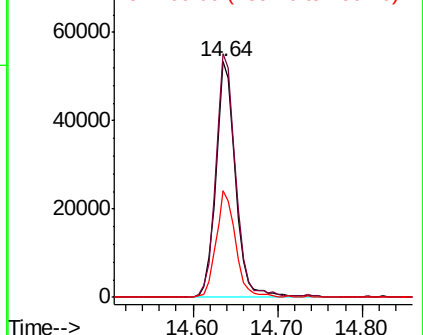
160 45.2 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 128.971 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

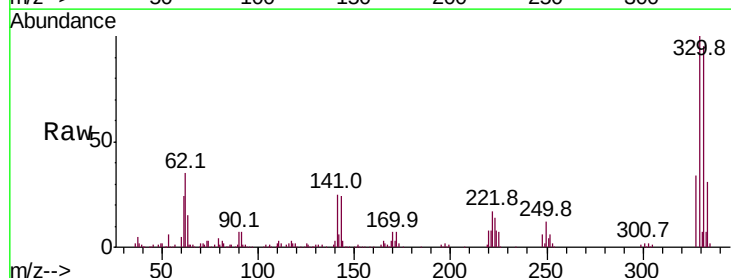
Tgt Ion:330 Resp: 215097

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

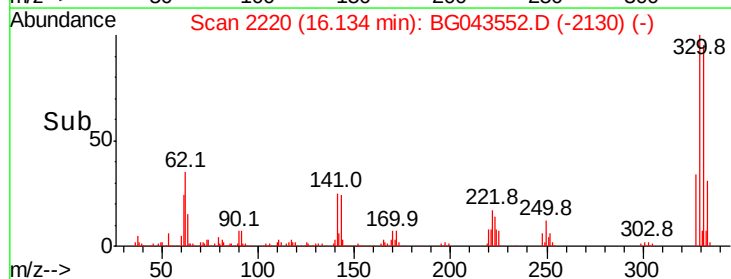
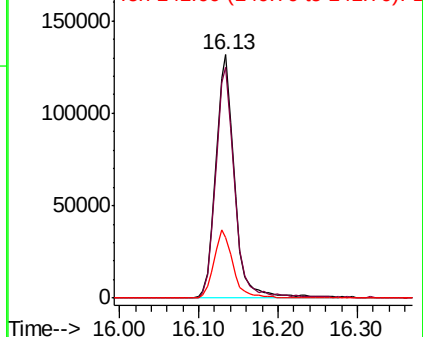
141 28.5 22.8 34.2

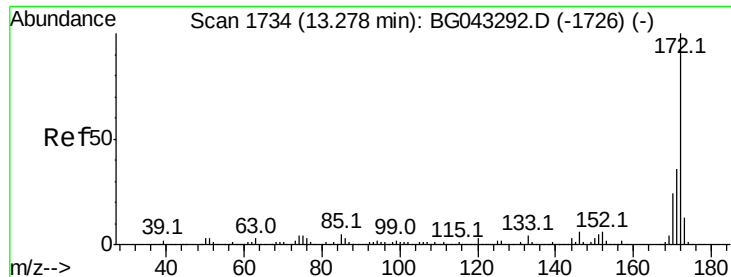


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

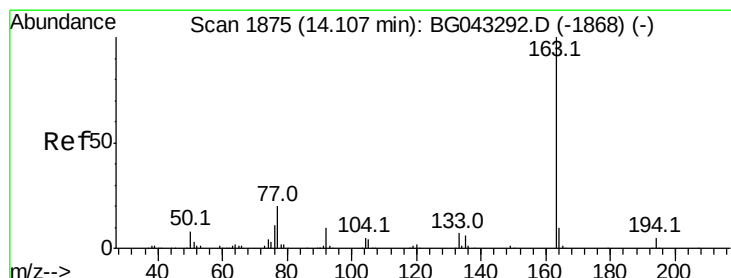
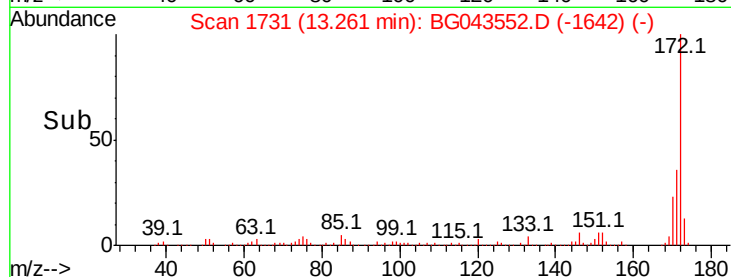
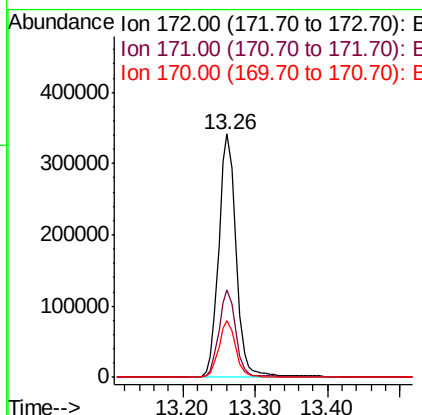
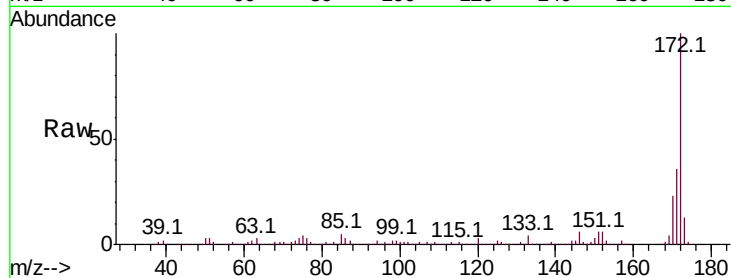




#45
2-Fluorobiphenyl
Concen: 90.711 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

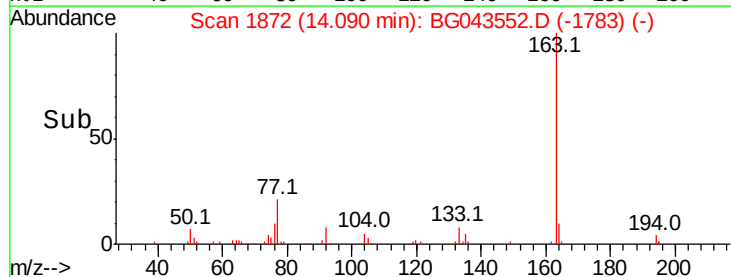
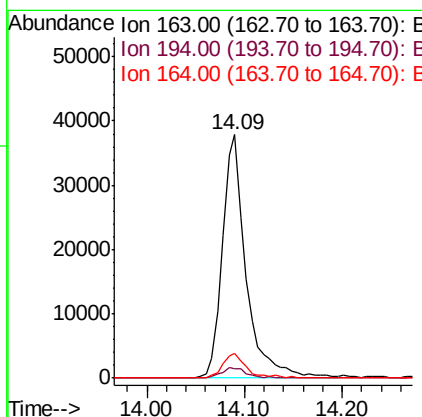
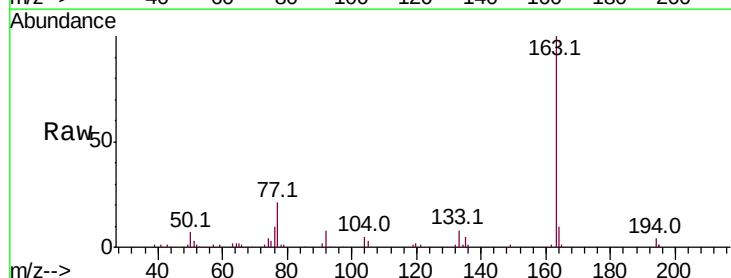
Instrument :
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10-D

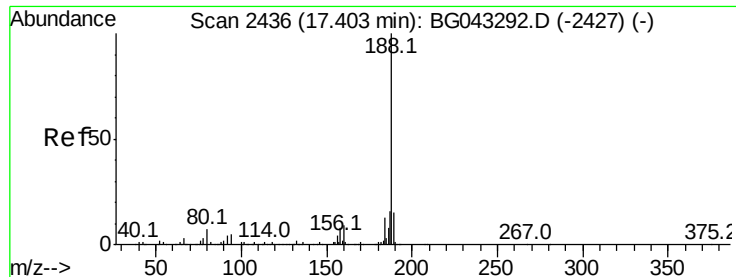
Tot Ion:172 Resp: 575331
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.1 18.5 27.7



#50
Dimethylphthalate
Concen: 9.355 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG043552.D
Acq: 7 Nov 2019 23:22

Tgt Ion:163 Resp: 63502
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.6#
164 10.4 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

Instrument :

BNA_G

ClientSampleId :

10-D

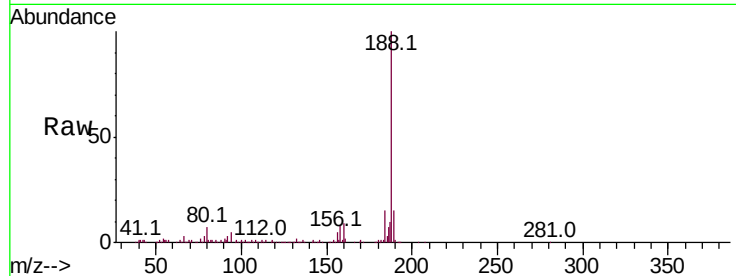
Tot Ion:188 Resp: 201669

Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.4

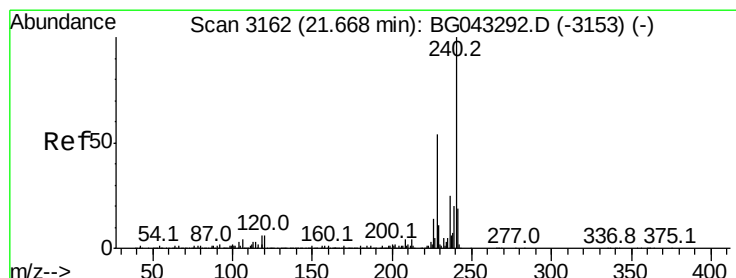
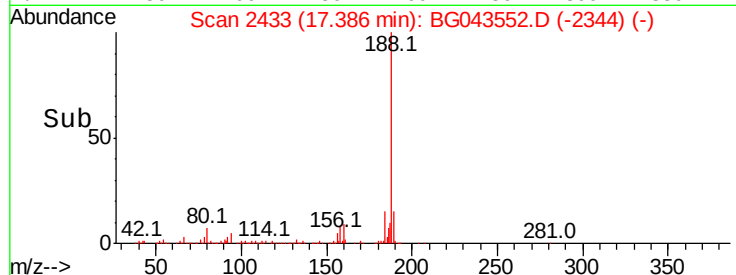
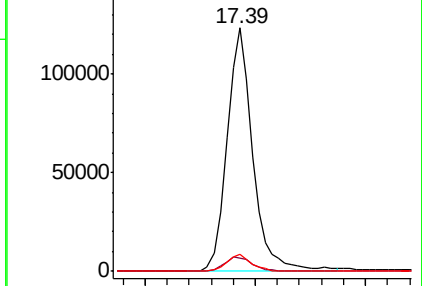
80 7.1 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043552.D

Acq: 7 Nov 2019 23:22

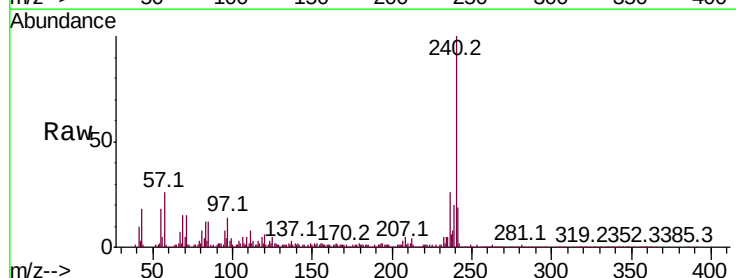
Tgt Ion:240 Resp: 212282

Ion Ratio Lower Upper

240 100

120 6.1 4.6 6.8

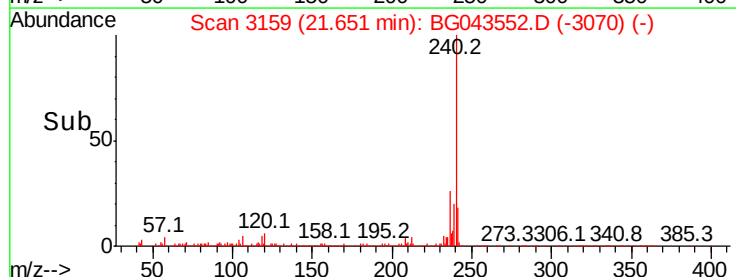
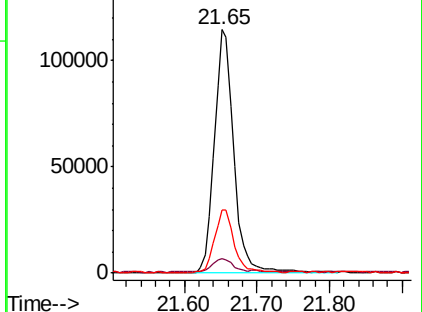
236 26.1 19.8 29.8

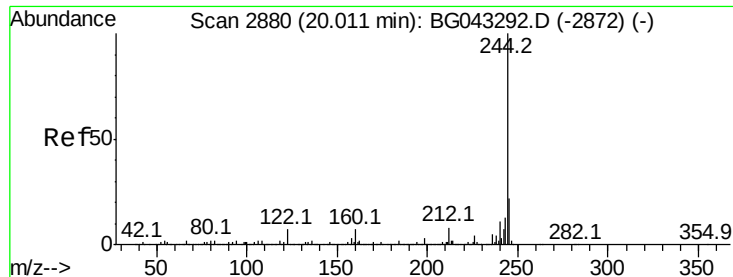


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

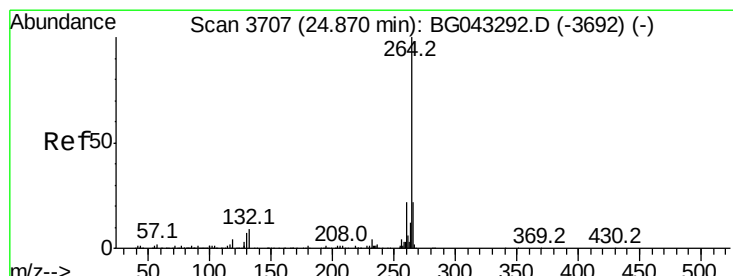
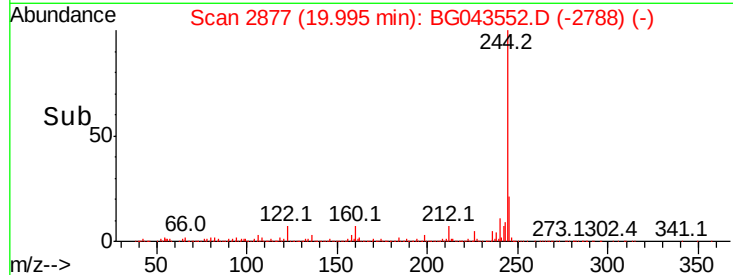
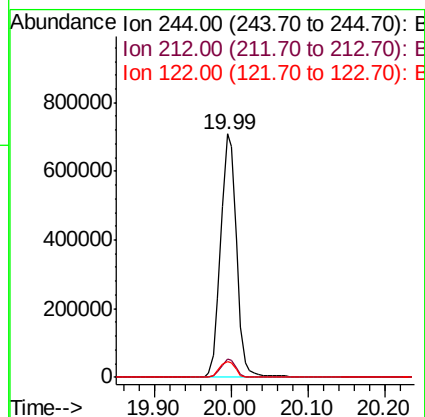
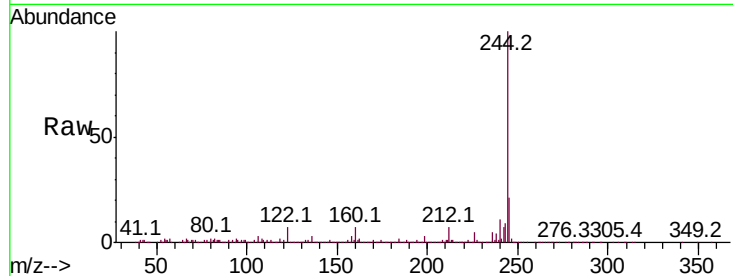




#79
 Terphenyl-d14
 Concen: 89.147 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG043552.D
 Acq: 7 Nov 2019 23:22

Instrument :
 BNA_G
 ClientSampleId :
 10-D

Tot Ion:244 Resp: 1008724
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 6.6 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. 0.00 min
 Lab File: BG043552.D
 Acq: 7 Nov 2019 23:22

Tgt Ion:264 Resp: 252207
 Ion Ratio Lower Upper
 264 100
 260 25.9 17.5 26.3
 265 22.9 17.4 26.0

