

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084006.D
 Acq On : 22 Dec 2015 23:37
 Operator : UM/SJ
 Sample : G4894-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Dec 23 02:43:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

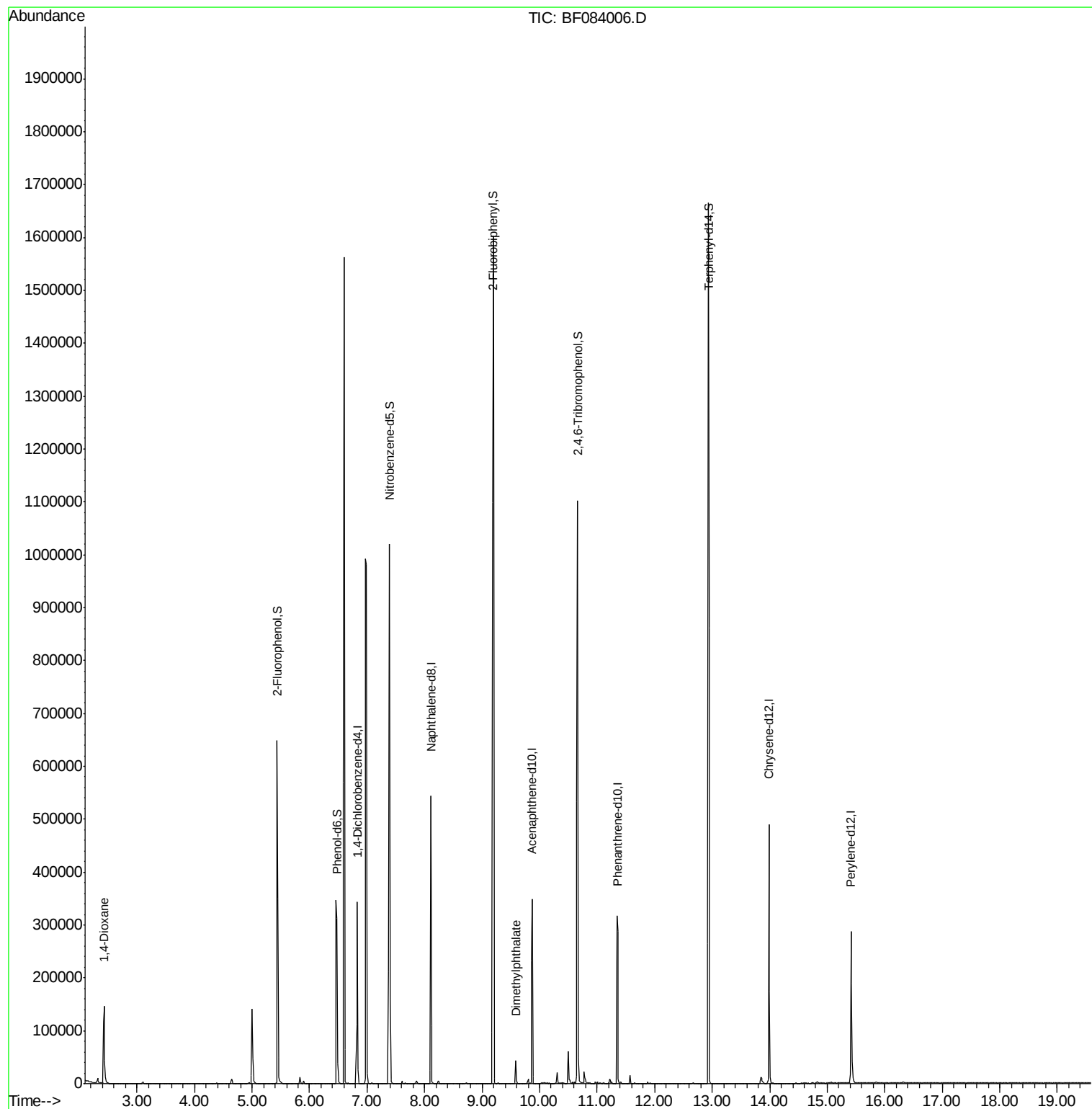
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	57915	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	241163	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	88476	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	168763	20.00	ng	0.00
75) Chrysene-d12	13.98	240	175653	20.00	ng	-0.01
86) Perylene-d12	15.41	264	144075	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	220115	64.80	ng	0.00
7) Phenol-d6	6.48	99	189246	47.39	ng	0.00
23) Nitrobenzene-d5	7.39	82	337440	85.96	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	151953	178.55	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	671009	102.07	ng	0.00
78) Terphenyl-d14	12.93	244	635679	86.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.43	88	90772	56.13	ng	Qvalue 99
49) Dimethylphthalate	9.58	163	17622	2.55	ng	# 90

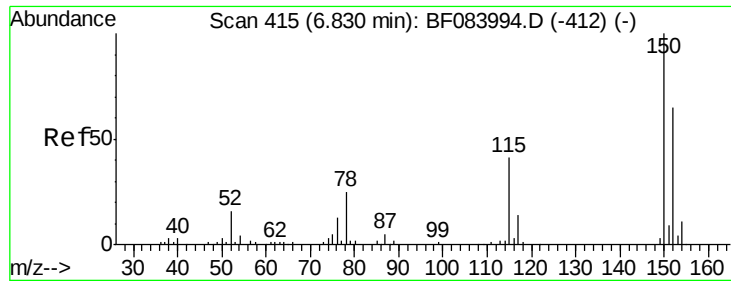
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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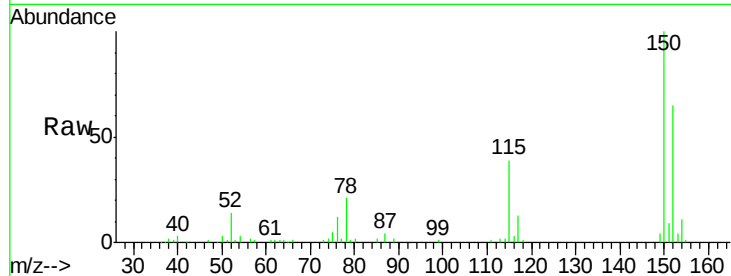


#1

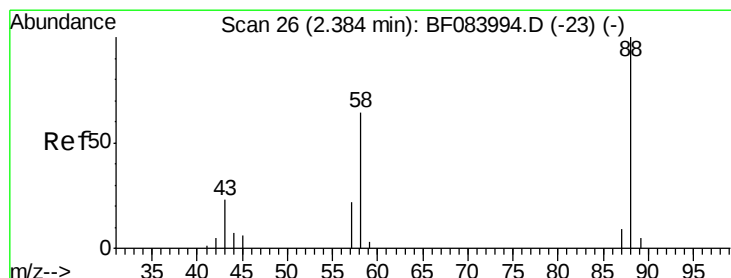
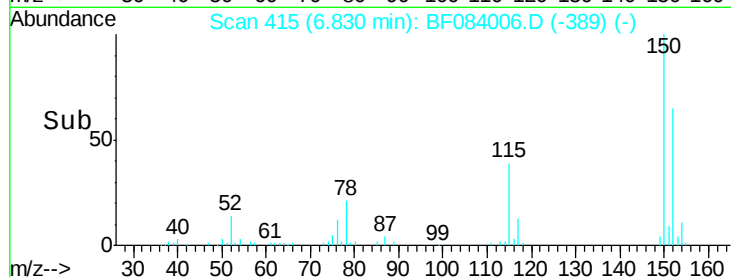
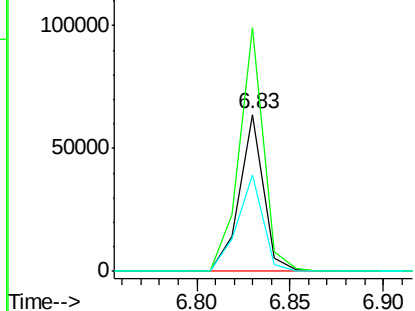
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:152 Resp: 57915
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.4
115 61.0 51.4 77.2



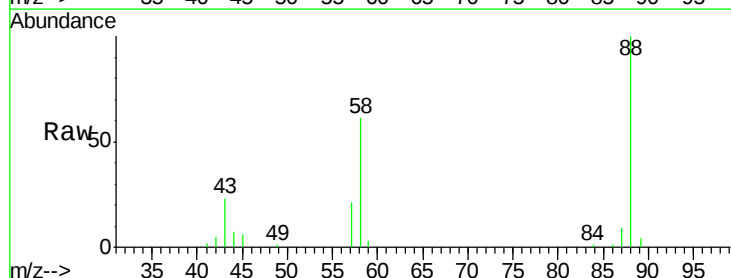
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



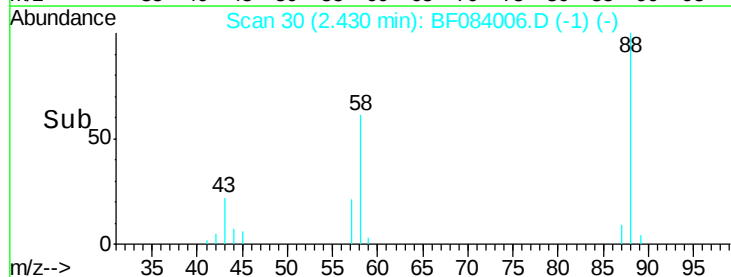
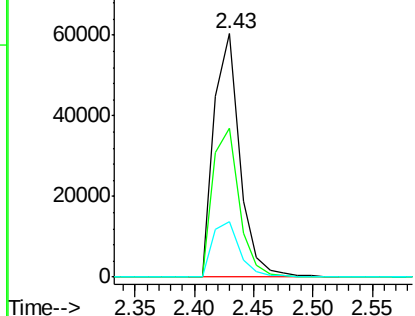
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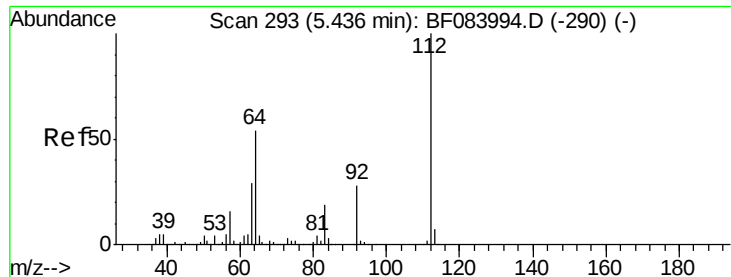
1,4-Dioxane
Concen: 56.13 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.05 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Tgt Ion: 88 Resp: 90772
Ion Ratio Lower Upper
88 100
58 62.8 51.2 76.8
43 24.1 19.5 29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 64.80 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

Instrument :

BNA_F

ClientSampleId :

MW-2

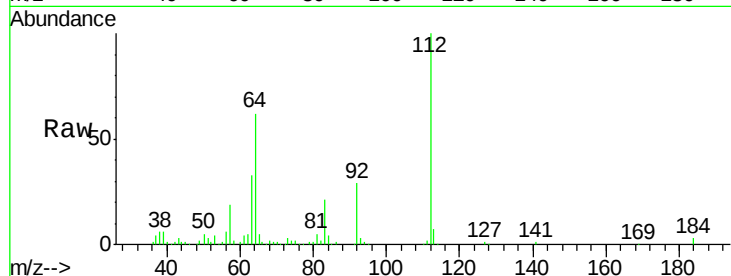
Tot Ion:112 Resp: 220115

Ion Ratio Lower Upper

112 100

64 61.8 36.6 55.0#

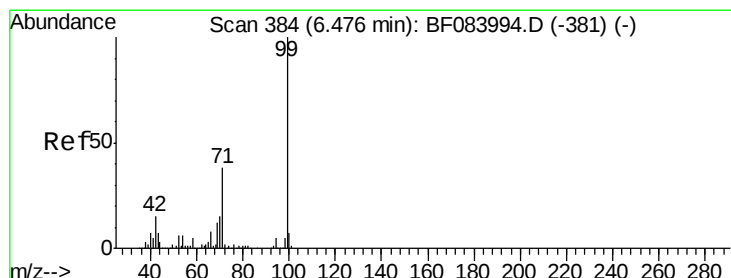
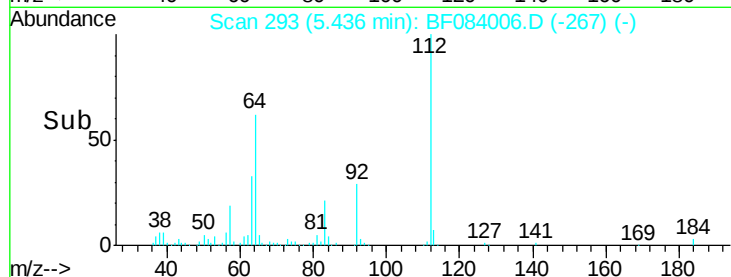
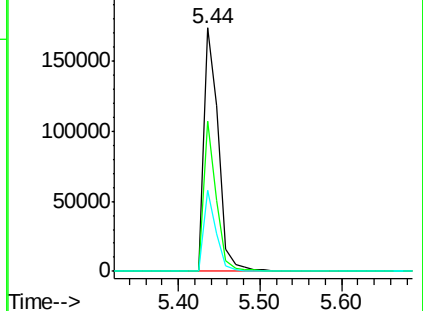
63 33.2 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 47.39 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084006.D

Acq: 22 Dec 2015 23:37

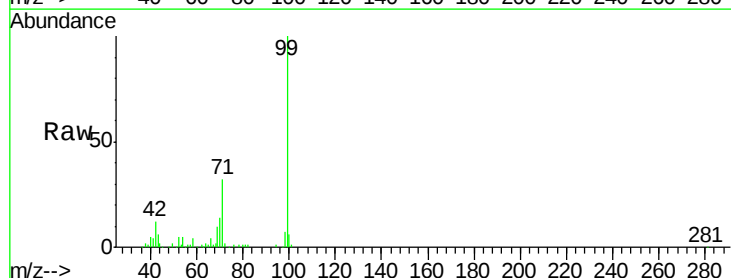
Tgt Ion: 99 Resp: 189246

Ion Ratio Lower Upper

99 100

42 11.6 12.8 19.2#

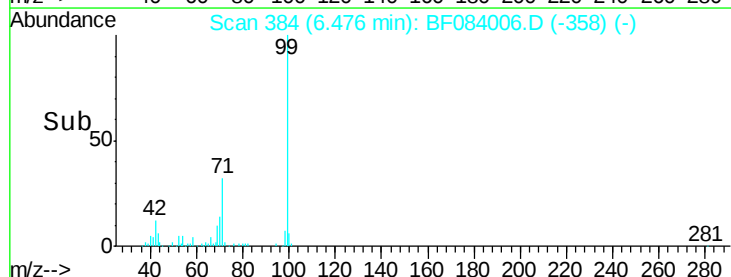
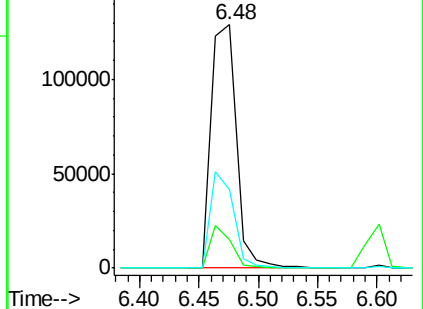
71 32.2 30.9 46.3

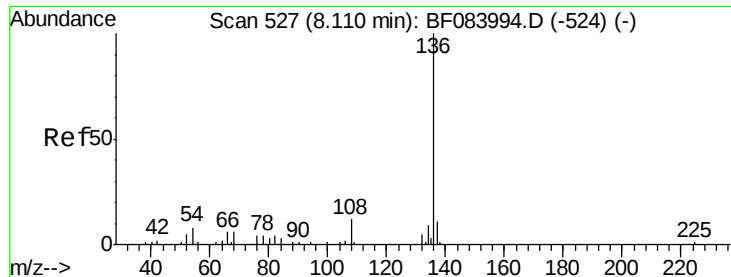


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

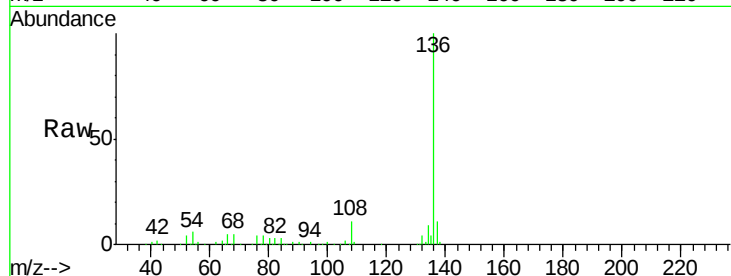




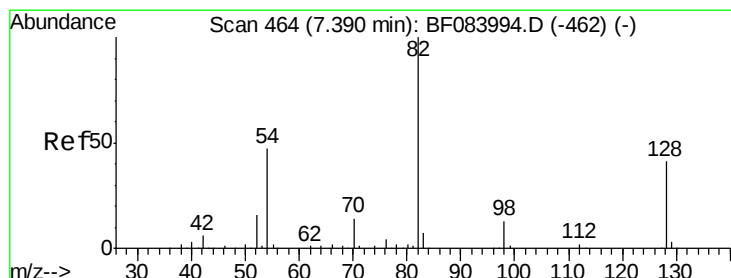
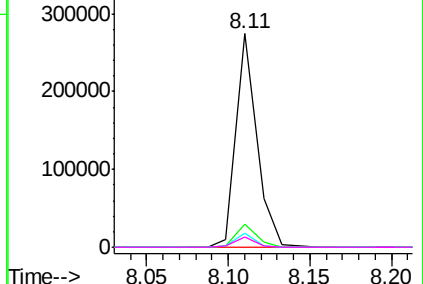
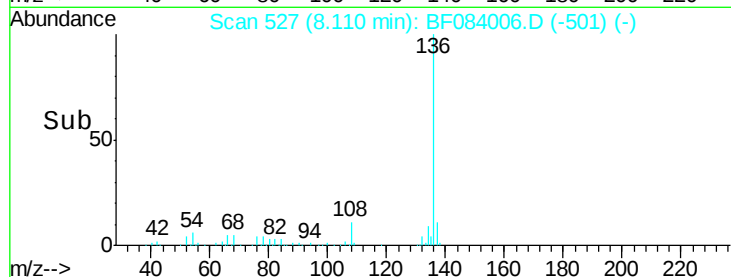
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:136	Resp:	241163
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 6.4	5.8	8.8
68 5.1	4.2	6.2

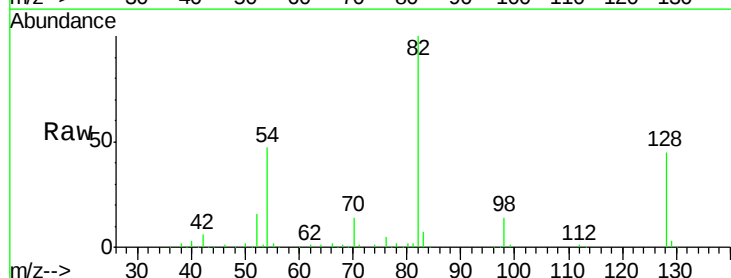


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

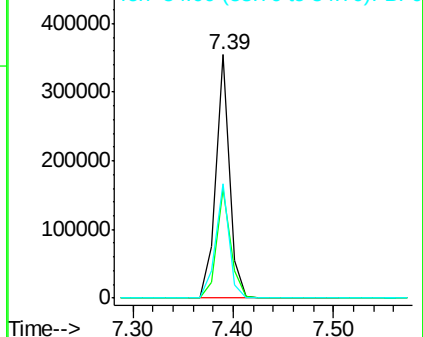
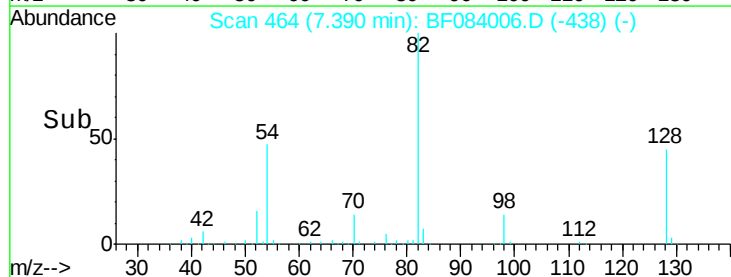


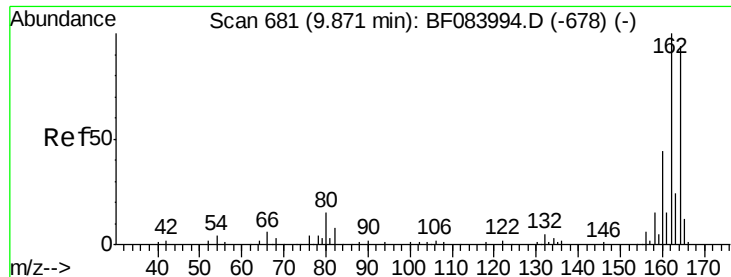
#23
Nitrobenzene-d5
Concen: 85.96 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Tgt Ion: 82	Resp: 337440
Ion Ratio	Lower Upper
82 100	
128 44.8	34.6 51.8
54 47.2	38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

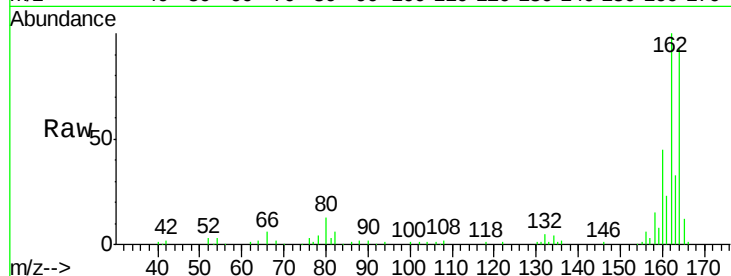




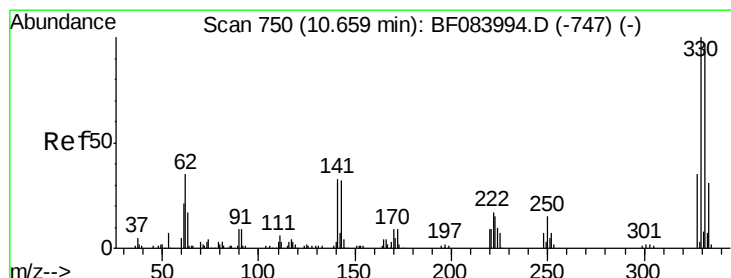
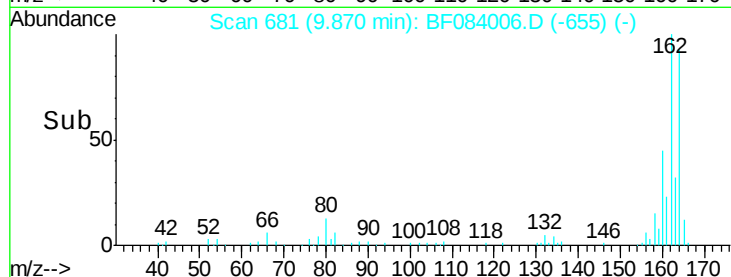
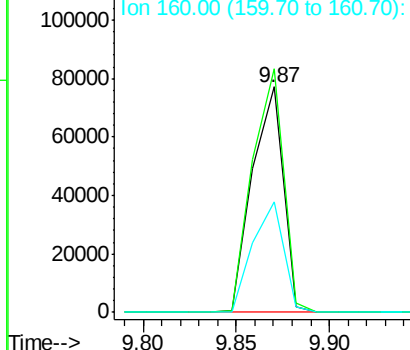
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:164 Resp: 88476
Ion Ratio Lower Upper
164 100
162 108.0 85.1 127.7
160 49.1 37.5 56.3

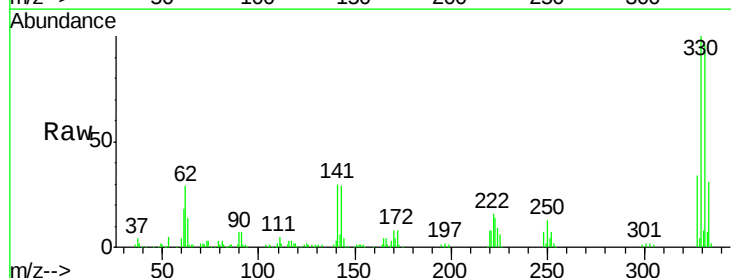


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

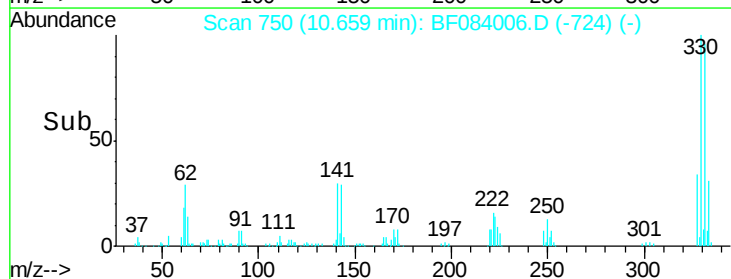
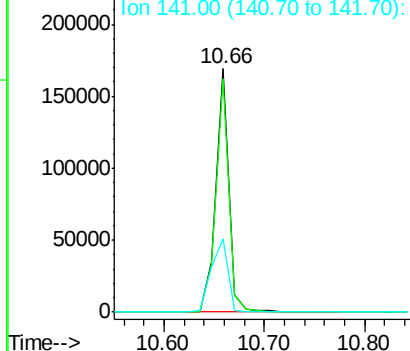


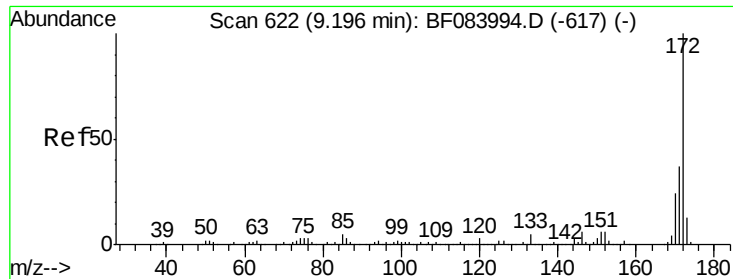
#41
2,4,6-Tribromophenol
Concen: 178.55 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Tgt Ion:330 Resp: 151953
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 39.0 27.8 41.6



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

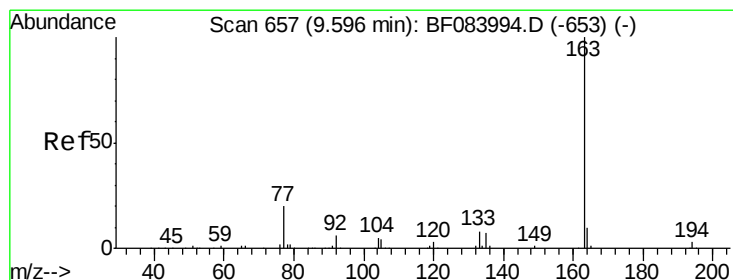
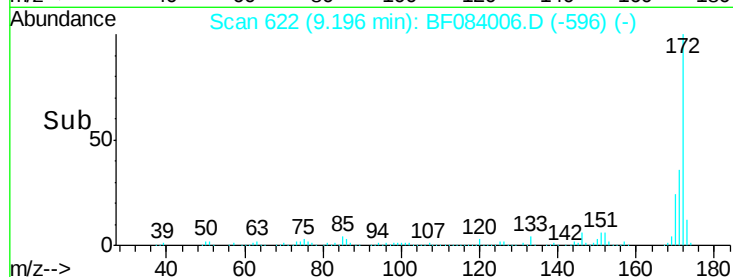
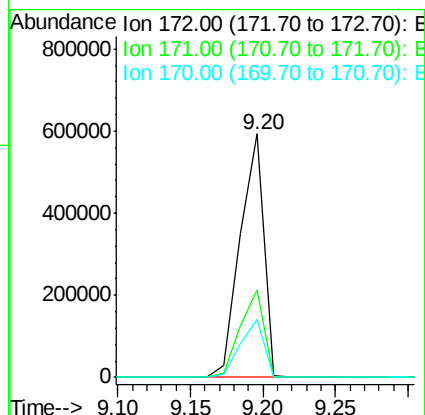
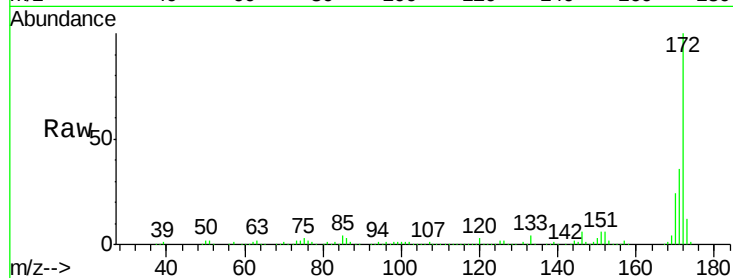




#44
2-Fluorobiphenyl
Concen: 102.07 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

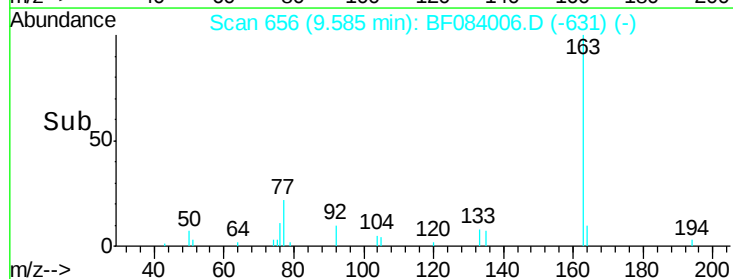
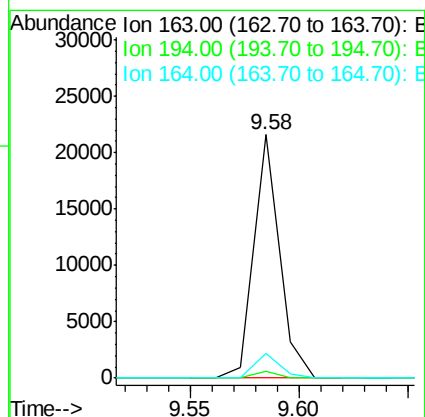
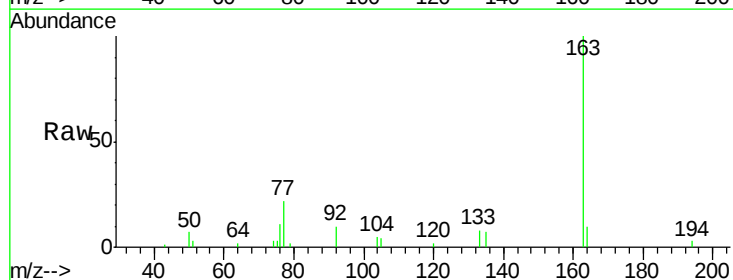
Instrument :
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MW-2

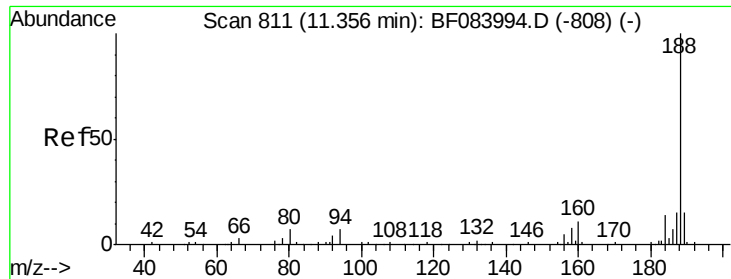
Tot Ion:172 Resp: 671009
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.9 18.6 27.8



#49
Dimethylphthalate
Concen: 2.55 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Tgt Ion:163 Resp: 17622
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.1 8.0 12.0

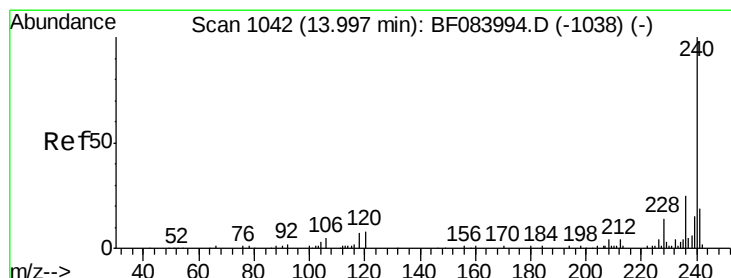
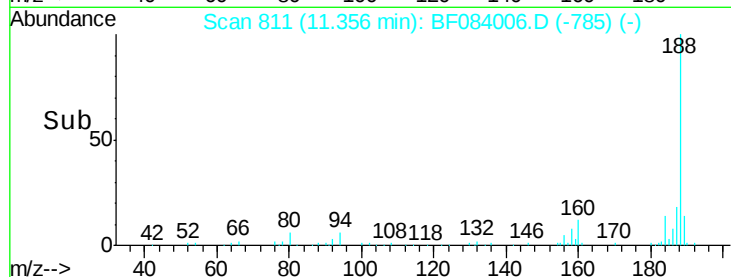
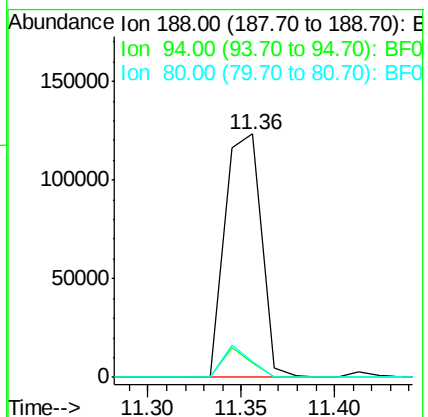
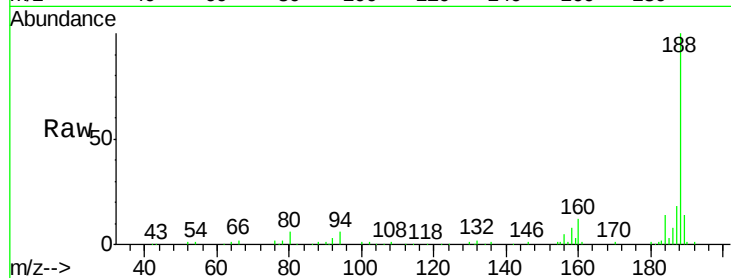




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

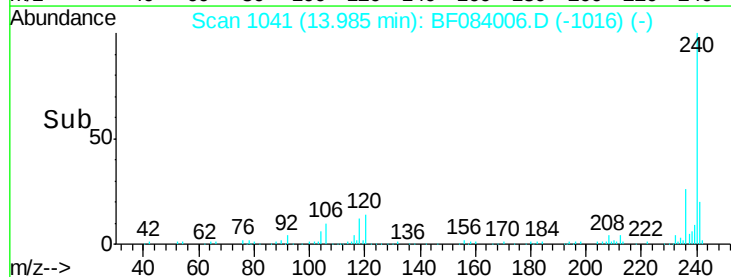
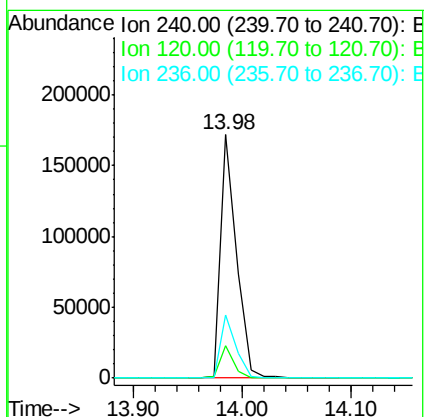
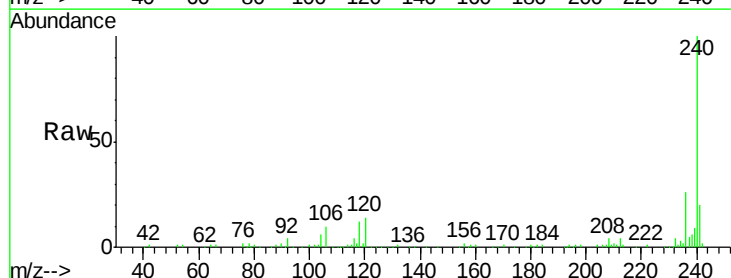
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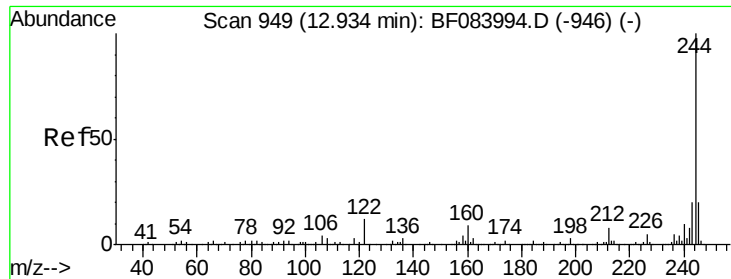
Tot Ion:188 Resp: 168763
Ion Ratio Lower Upper
188 100
94 5.8 9.0 13.4#
80 6.2 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084006.D
Acq: 22 Dec 2015 23:37

Tgt Ion:240 Resp: 175653
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.9 20.6 31.0

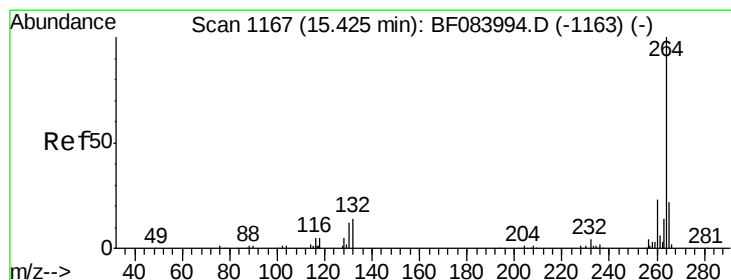
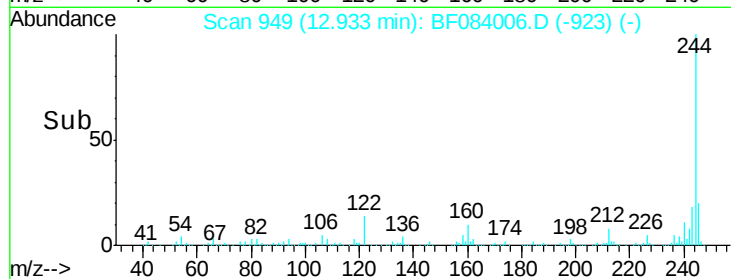
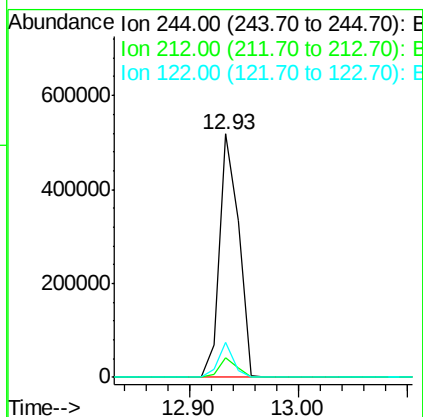
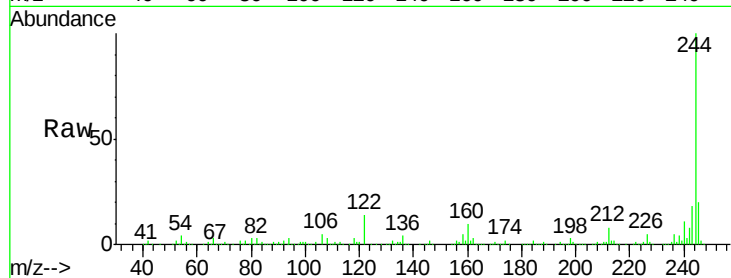




#78
 Terphenyl-d14
 Concen: 86.30 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:244 Resp: 635679
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084006.D
 Acq: 22 Dec 2015 23:37

Tgt Ion:264 Resp: 144075
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.1 17.8 26.6

