

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094909.D
 Acq On : 5 May 2017 10:40
 Operator : SJ/MA
 Sample : I2953-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP

Quant Time: May 05 12:01:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

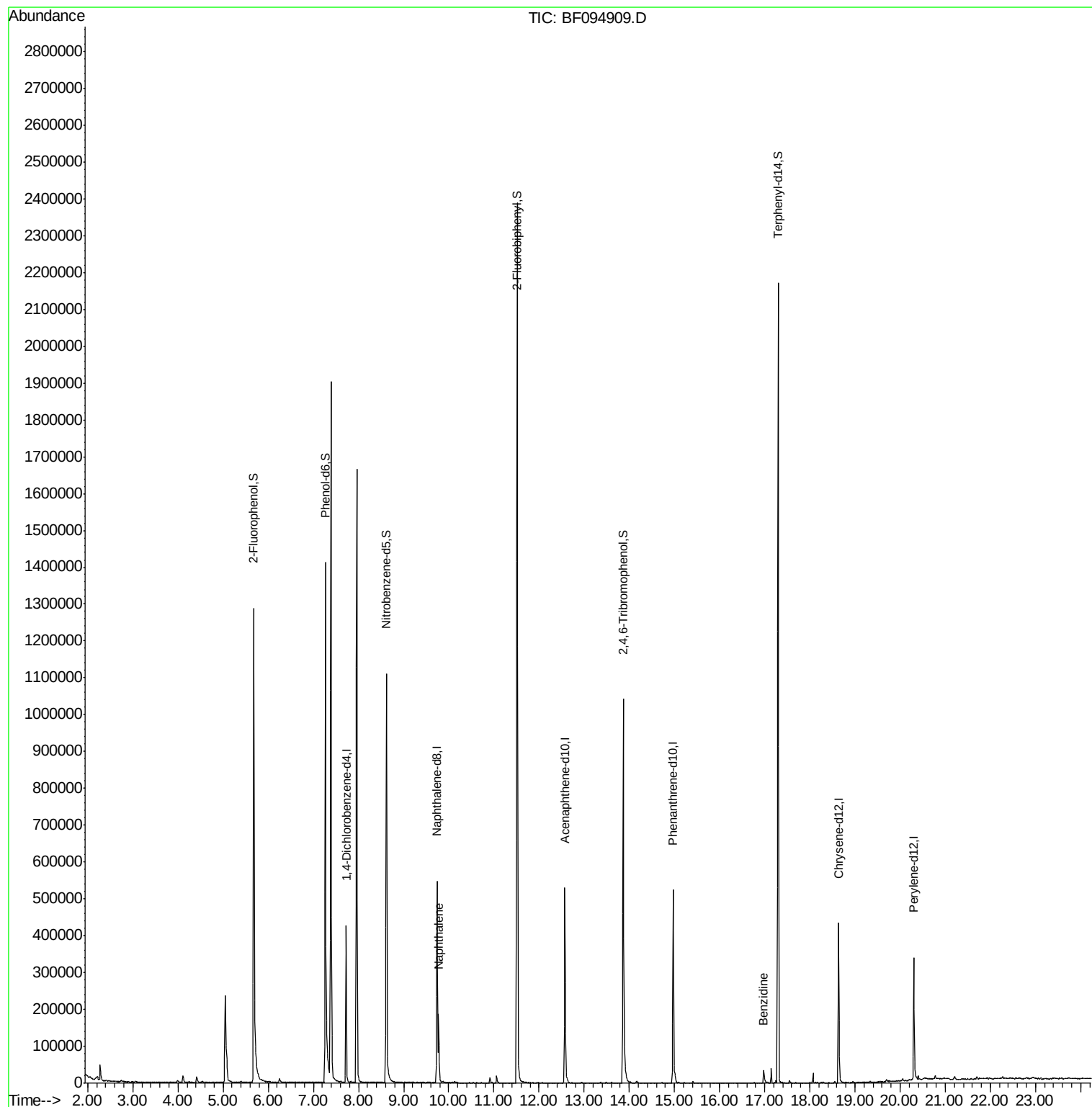
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88595	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	367337	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	167490	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	289868	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	199454	20.00	ng	-0.02
86) Perylene-d12	20.30	264	173353	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	630364	118.62	ng	0.00
7) Phenol-d6	7.27	99	795916	124.83	ng	-0.01
23) Nitrobenzene-d5	8.62	82	535453	91.92	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	196897	143.54	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1094503	94.06	ng	-0.01
78) Terphenyl-d14	17.30	244	830819	91.75	ng	-0.01
Target Compounds						
31) Naphthalene	9.77	128	123781	6.70	ng	Qvalue 98
76) Benzidine	16.98	184	34664	12.13	ng	# 94

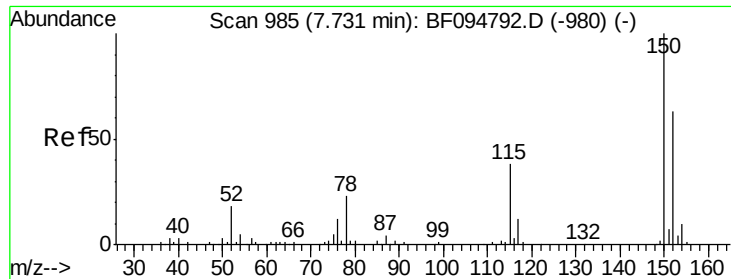
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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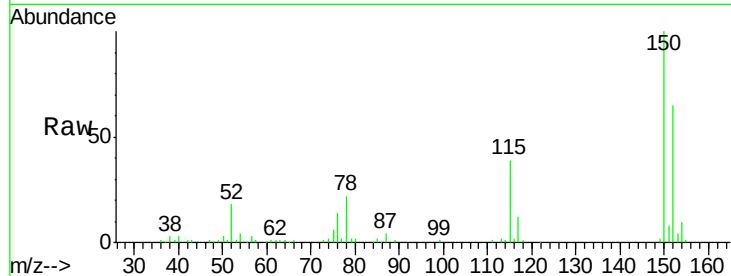


#1

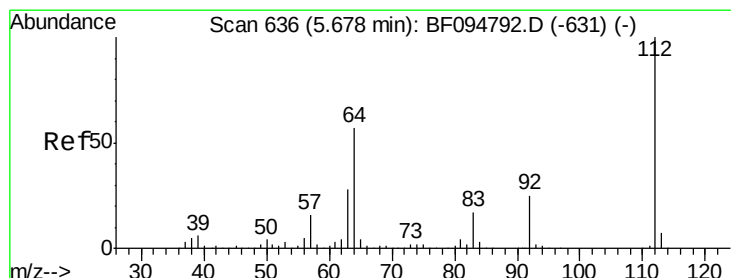
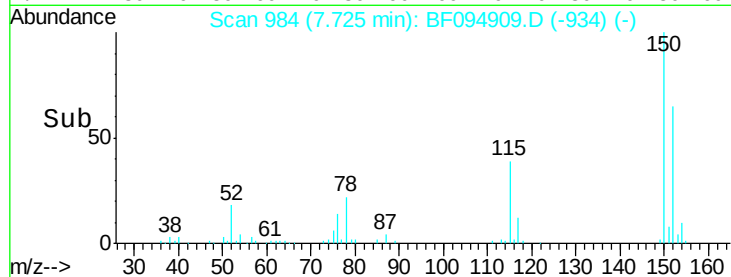
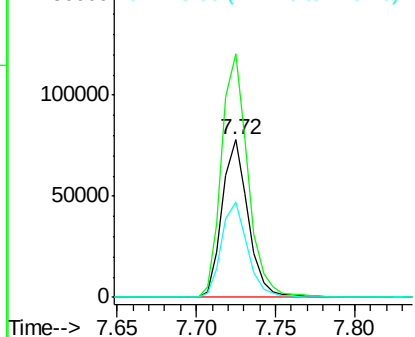
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094909.D
Acq: 5 May 2017 10:40

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP

Tgt Ion:152 Resp: 88595
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 60.3 52.2 78.2



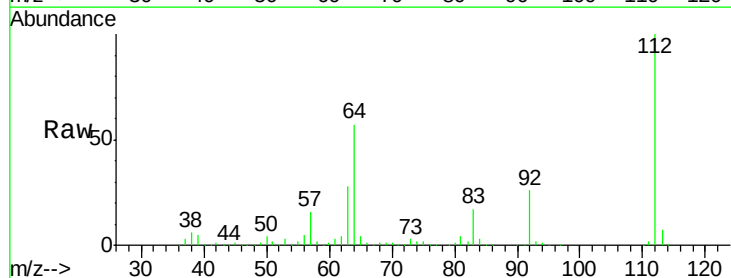
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



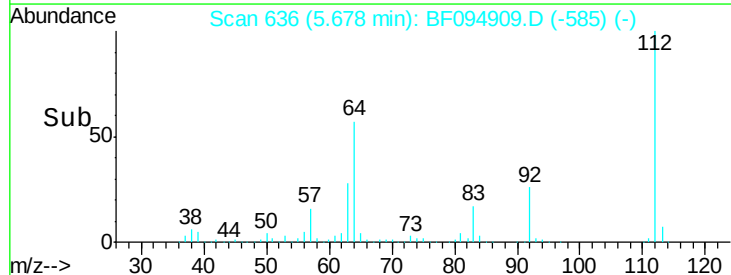
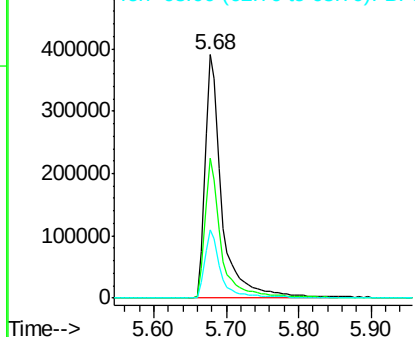
#5

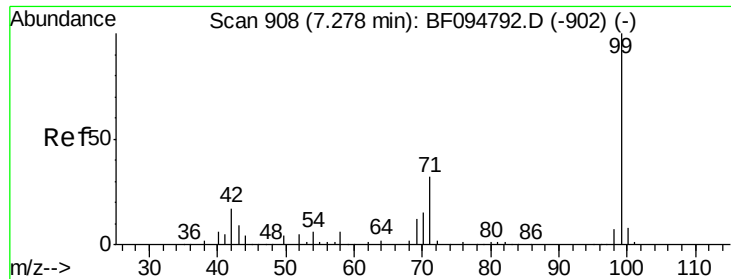
2-Fluorophenol
Concen: 118.62 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094909.D
Acq: 5 May 2017 10:40

Tgt Ion:112 Resp: 630364
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 28.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.83 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094909.D

Acq: 5 May 2017 10:40

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP

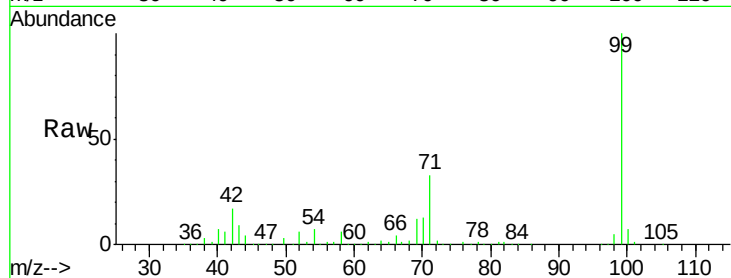
Tgt Ion: 99 Resp: 795916

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

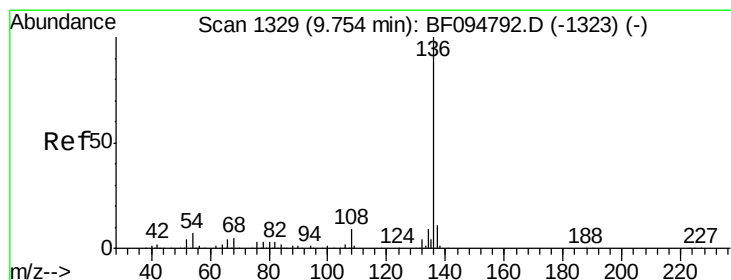
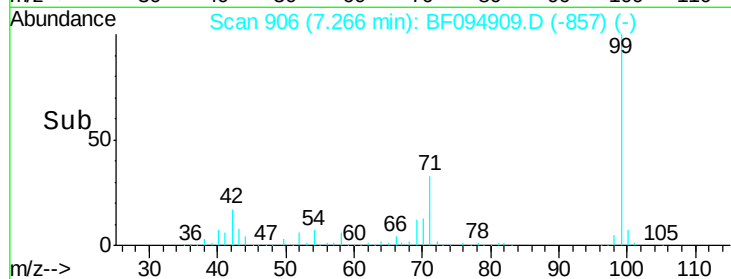
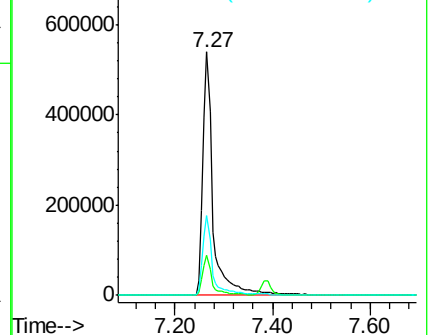
71 32.5 24.5 36.7



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094909.D

Acq: 5 May 2017 10:40

Tgt Ion: 136 Resp: 367337

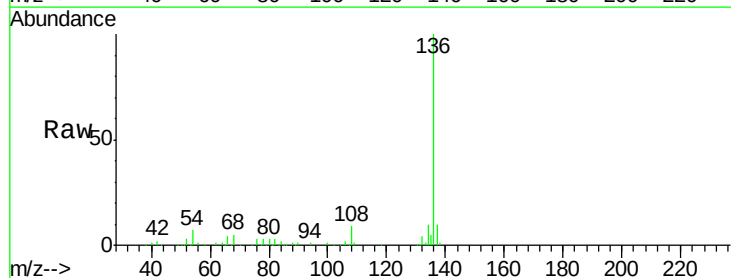
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.6 4.9 7.3

68 5.2 4.1 6.1

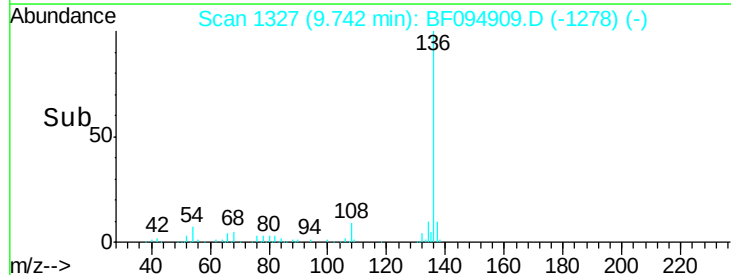
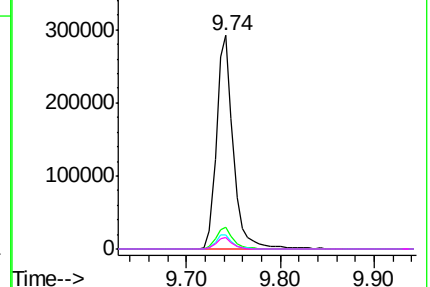


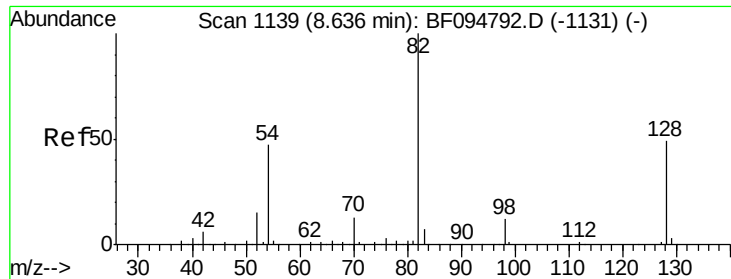
Abundance Ion 136.00 (135.70 to 136.70): E

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

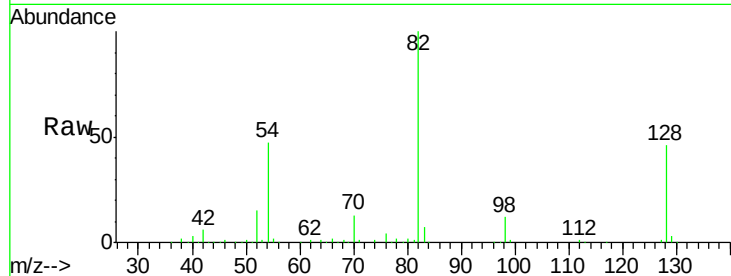




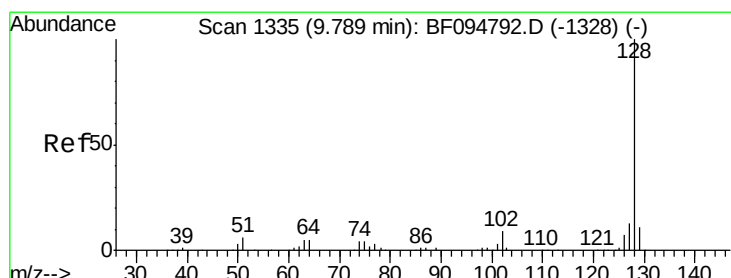
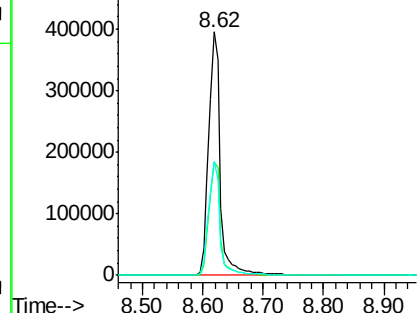
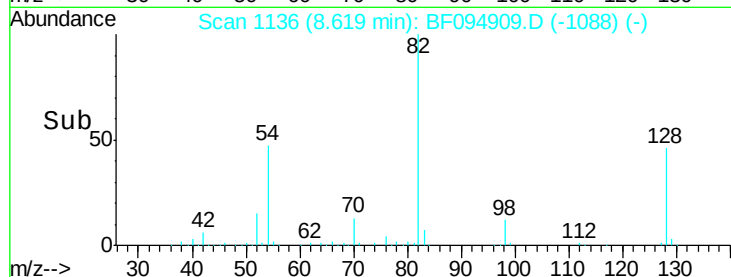
#23
Nitrobenzene-d5
Concen: 91.92 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094909.D
Acq: 5 May 2017 10:40

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP

Tgt Ion: 82 Resp: 535453
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 47.2 42.2 63.2

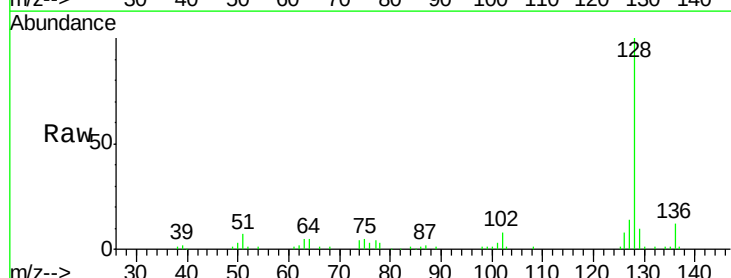


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

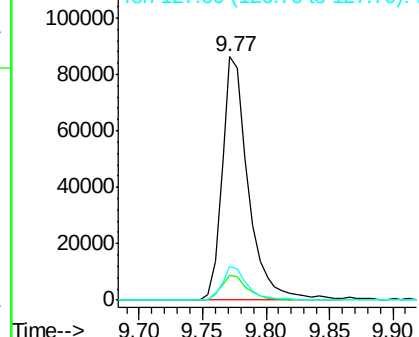
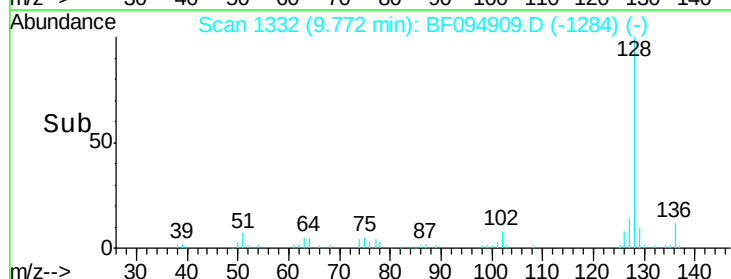


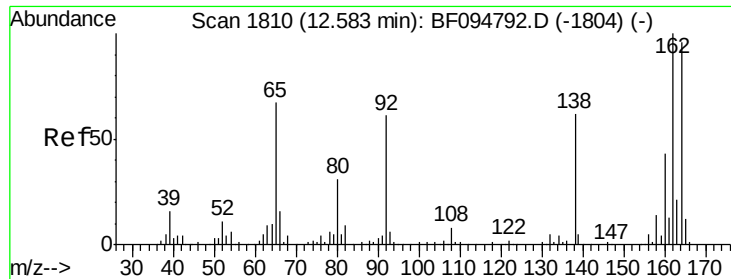
#31
Naphthalene
Concen: 6.70 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF094909.D
Acq: 5 May 2017 10:40

Tgt Ion: 128 Resp: 123781
Ion Ratio Lower Upper
128 100
129 10.1 9.0 13.6
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094909.D

Acq: 5 May 2017 10:40

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP

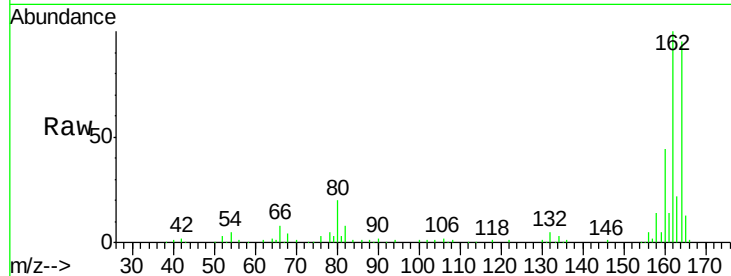
Tgt Ion:164 Resp: 167490

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

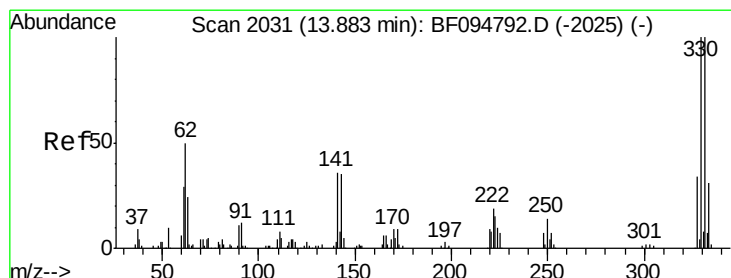
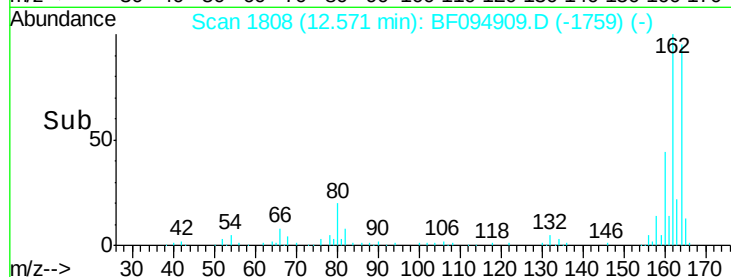
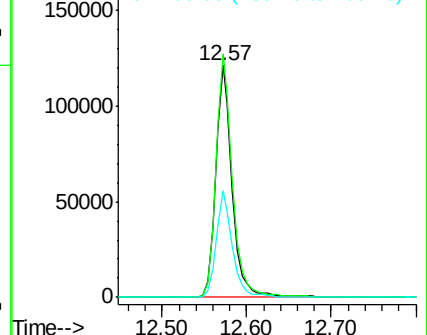
160 46.2 36.2 54.2



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: 143.54 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094909.D

Acq: 5 May 2017 10:40

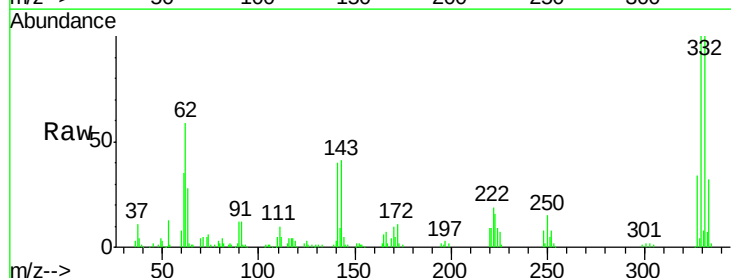
Tgt Ion:330 Resp: 196897

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

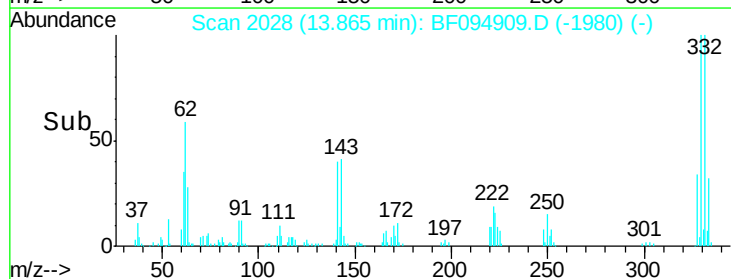
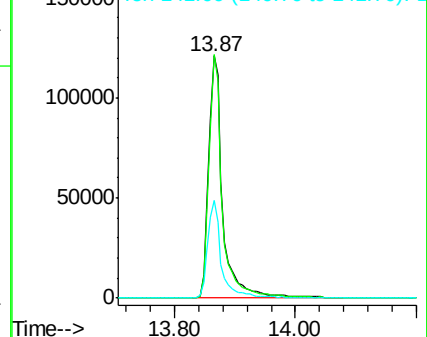
141 38.4 31.4 47.2

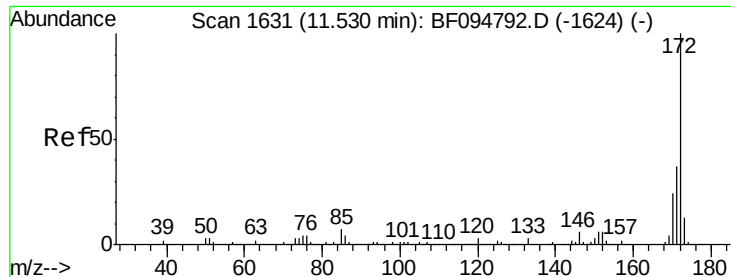


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

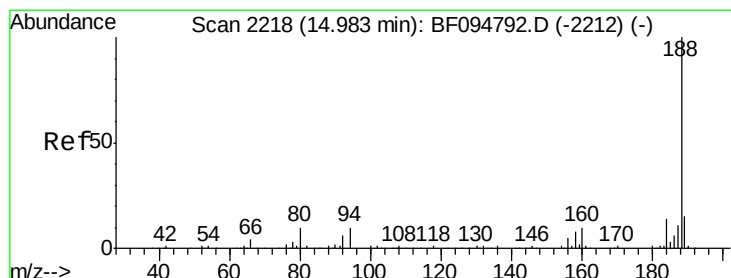
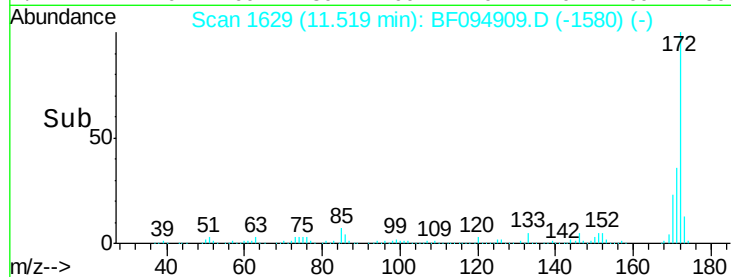
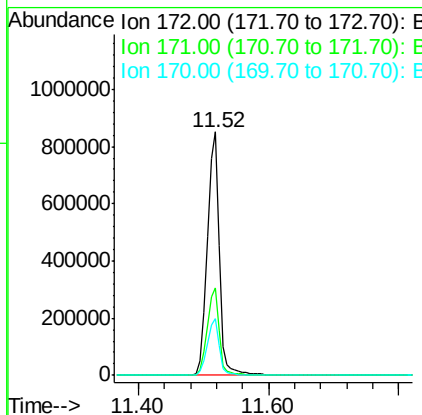
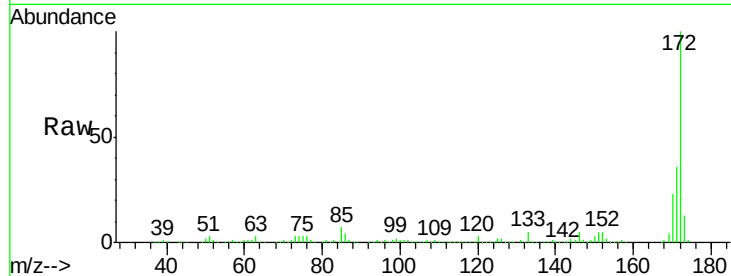




#44
 2-Fluorobiphenyl
 Concen: 94.06 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094909.D
 Acq: 5 May 2017 10:40

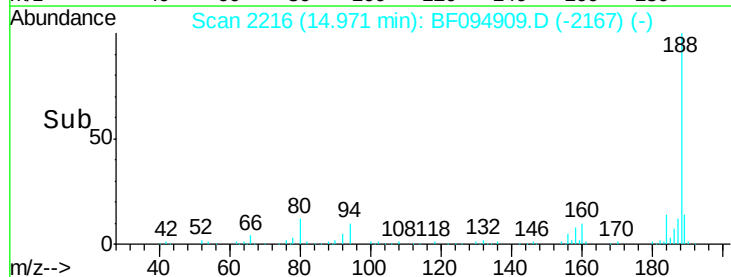
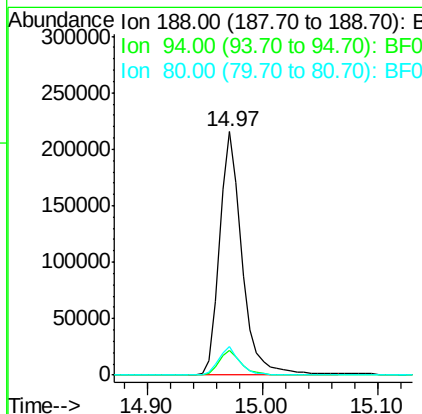
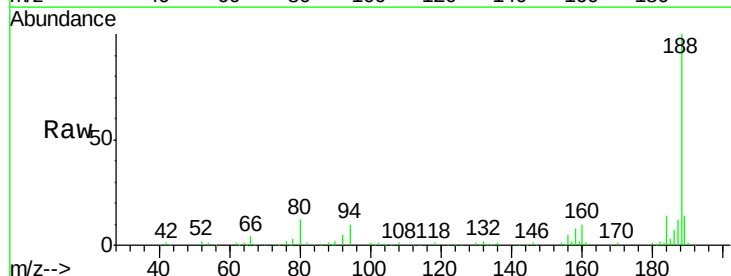
Instrument :
 BNA_F
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 TP7-8-COMP

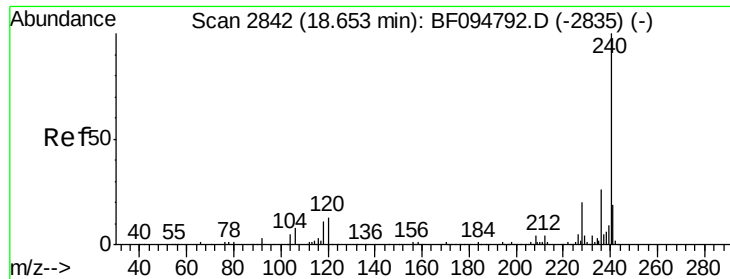
Tgt Ion:172 Resp: 1094503
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.4 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094909.D
 Acq: 5 May 2017 10:40

Tgt Ion:188 Resp: 289868
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.5 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094909.D

Acq: 5 May 2017 10:40

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP

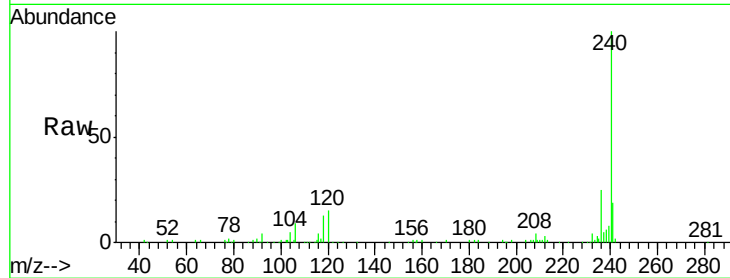
Tgt Ion:240 Resp: 199454

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

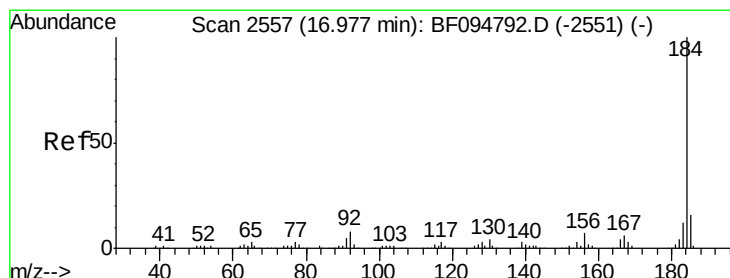
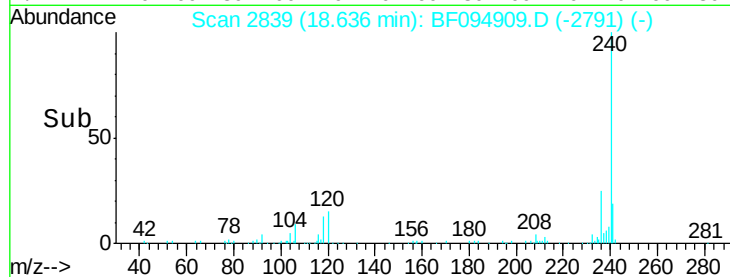
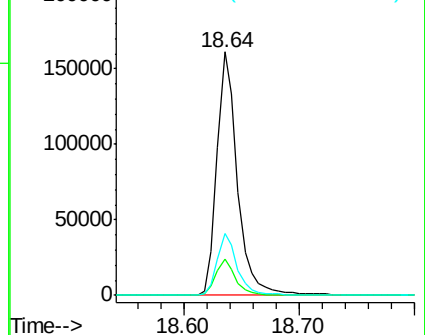
236 25.1 20.5 30.7



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



#76

Benzidine

Concen: 12.13 ng

RT: 16.98 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BF094909.D

Acq: 5 May 2017 10:40

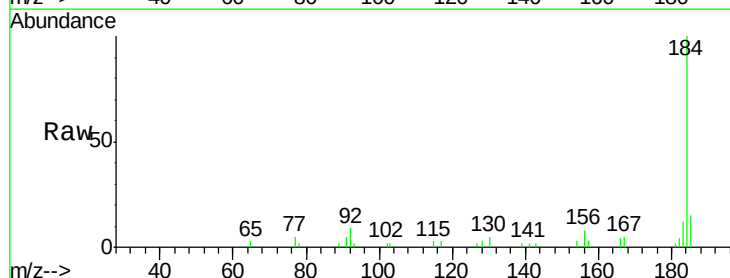
Tgt Ion:184 Resp: 34664

Ion Ratio Lower Upper

184 100

185 15.3 15.5 23.3#

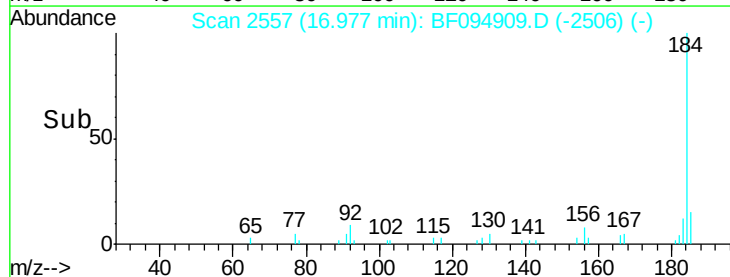
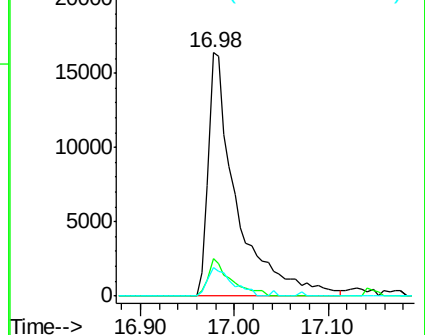
183 11.8 9.8 14.6

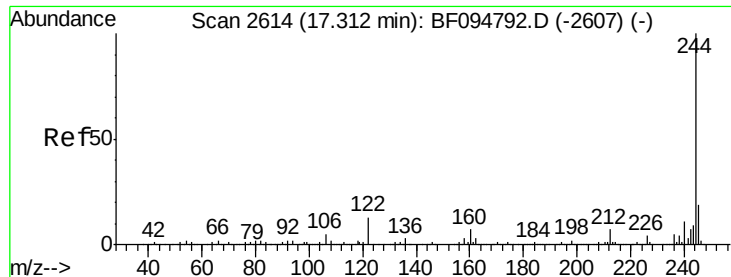


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

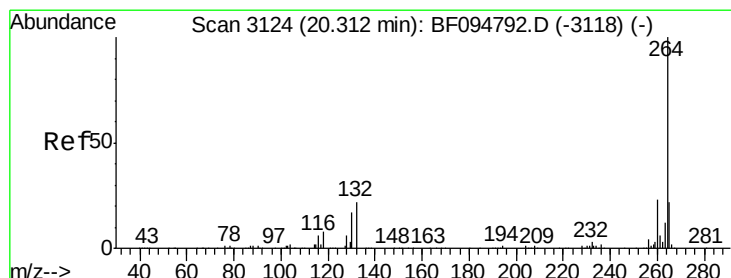
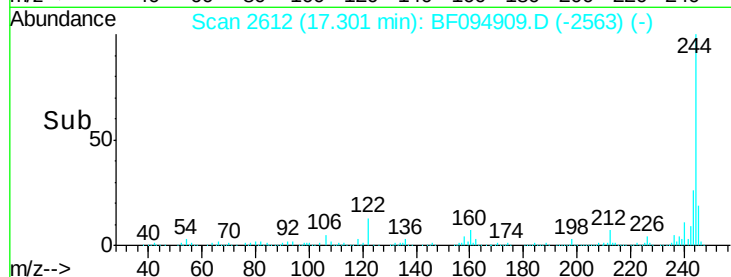
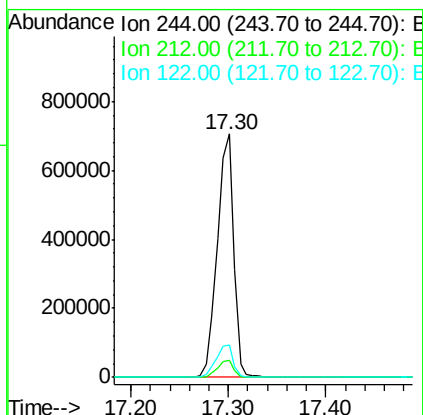
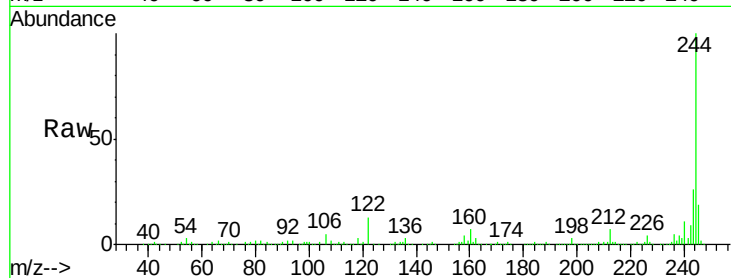




#78
 Terphenyl-d14
 Concen: 91.75 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094909.D
 Acq: 5 May 2017 10:40

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP

Tgt Ion:244 Resp: 830819
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094909.D
 Acq: 5 May 2017 10:40

Tgt Ion:264 Resp: 173353
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.2 17.2 25.8

