

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094855.D
 Acq On : 4 May 2017 2:26
 Operator : SJ/MA
 Sample : I2914-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0

Quant Time: May 04 05:28:21 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

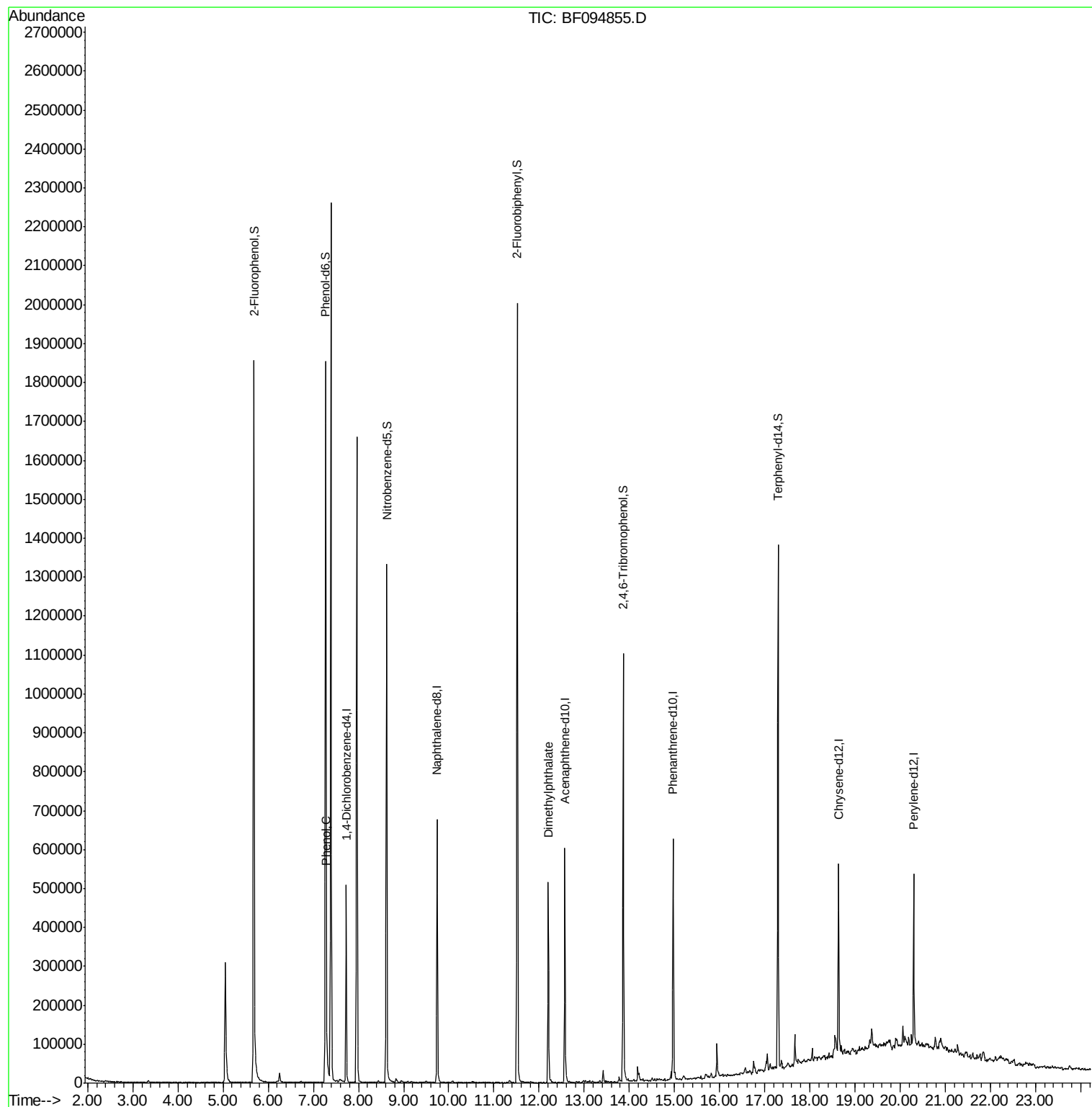
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	99055	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	406073	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	167227	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	300104	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	197976	20.00	ng	-0.02
86) Perylene-d12	20.30	264	175798	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	833654	140.31	ng	0.00
7) Phenol-d6	7.27	99	1038785	145.72	ng	0.00
23) Nitrobenzene-d5	8.62	82	605558	94.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	176851	129.13	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	829716	71.41	ng	-0.01
78) Terphenyl-d14	17.29	244	469011	52.18	ng	-0.02
Target Compounds						
10) Phenol	7.29	94	27580	3.67	ng	96
49) Dimethylphthalate	12.21	163	284196	20.70	ng	99

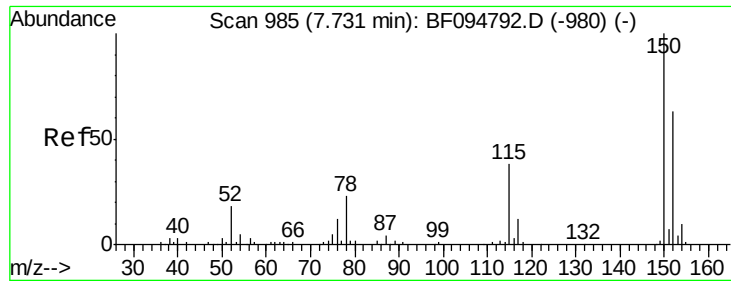
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094855.D

Acq: 4 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SB-09-2.0-3.0

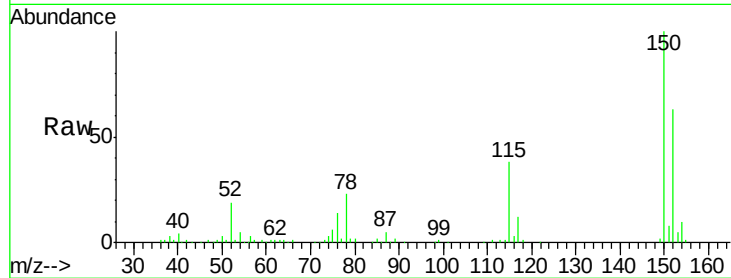
Tgt Ion:152 Resp: 99055

Ion Ratio Lower Upper

152 100

150 160.0 126.2 189.2

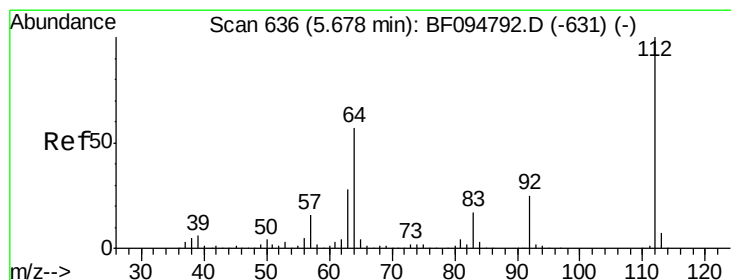
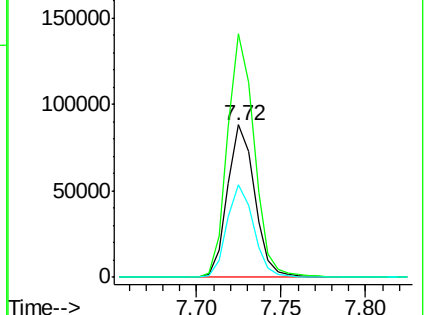
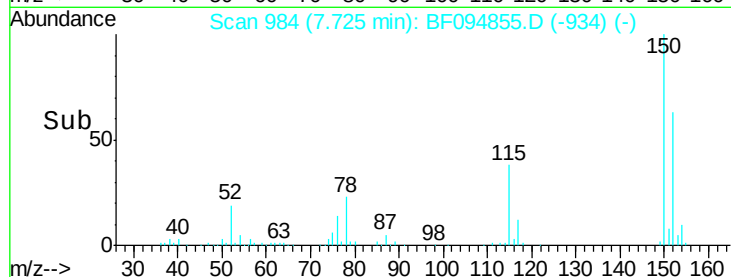
115 61.1 52.2 78.2



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: 140.31 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

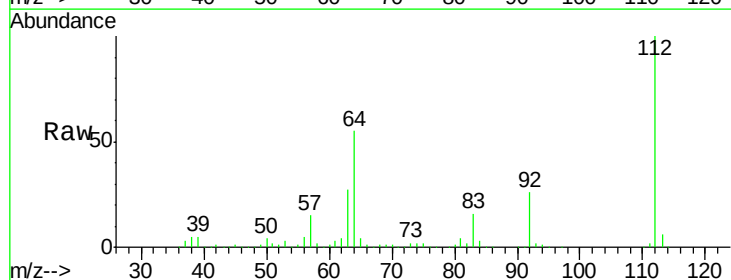
Tgt Ion:112 Resp: 833654

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

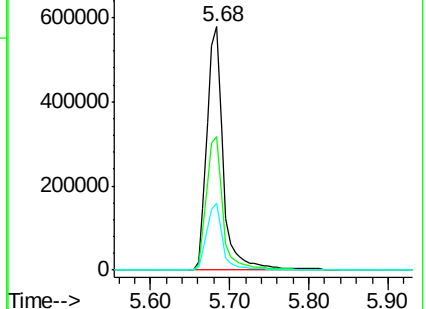
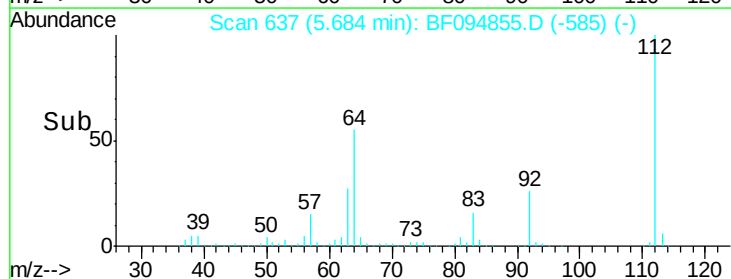
63 27.3 23.4 35.0

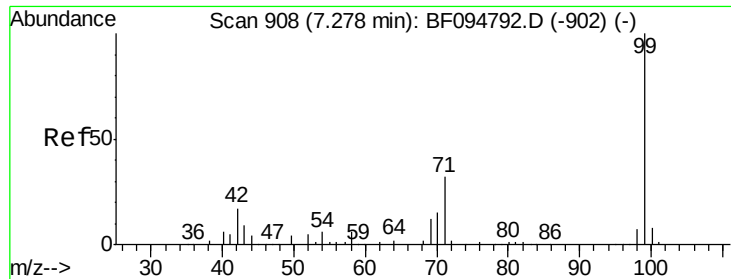


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.72 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SB-09-2.0-3.0

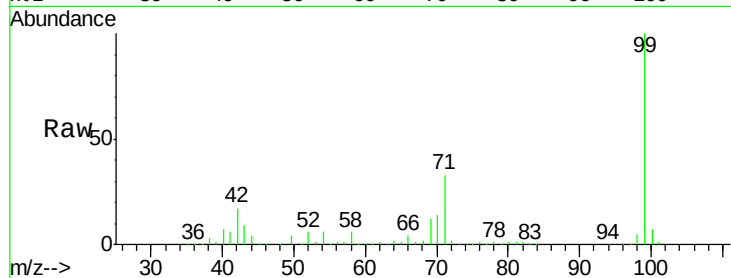
Tgt Ion: 99 Resp: 1038785

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

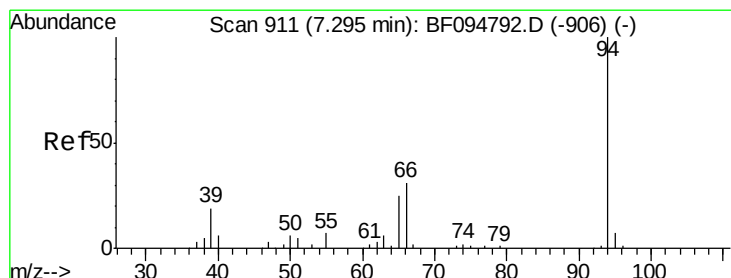
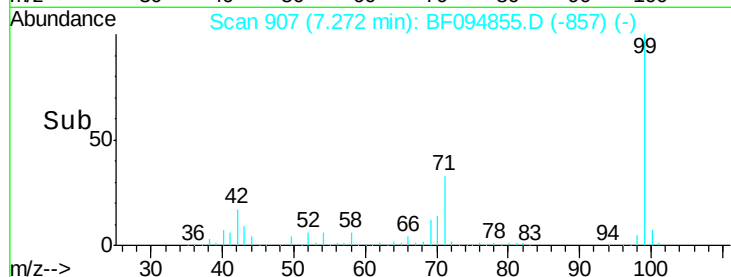
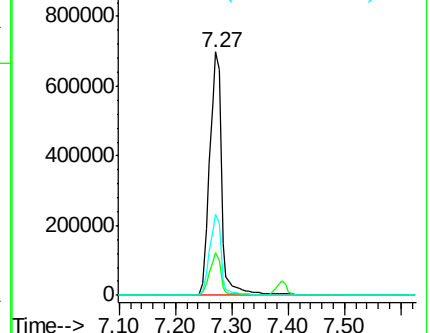
71 33.2 24.5 36.7



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



#10

Phenol

Concen: 3.67 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

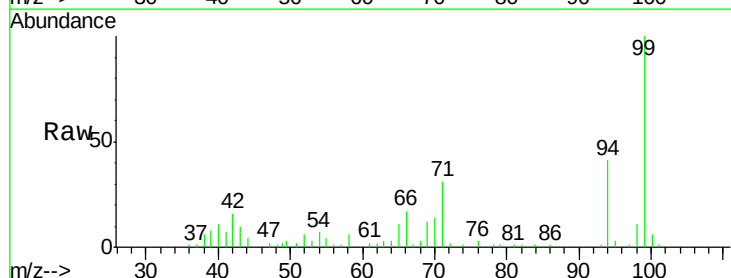
Tgt Ion: 94 Resp: 27580

Ion Ratio Lower Upper

94 100

65 27.5 9.9 49.9

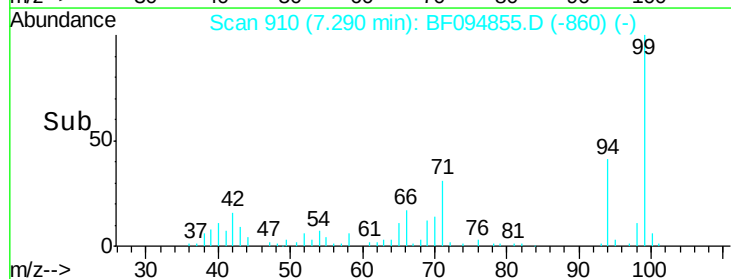
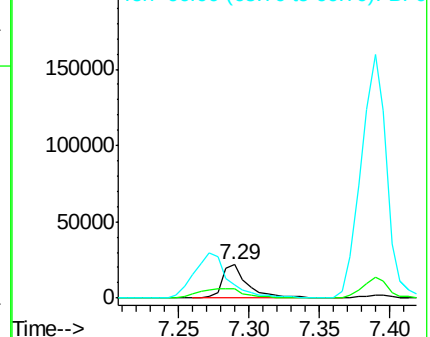
66 40.7 23.1 63.1

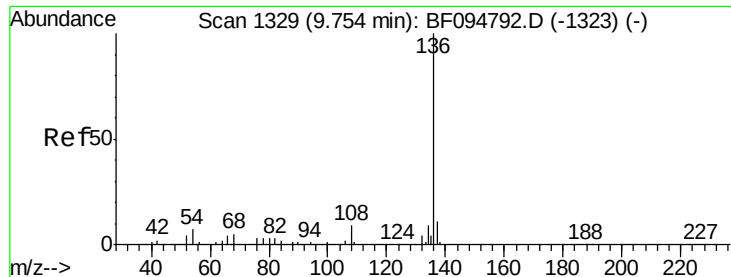


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

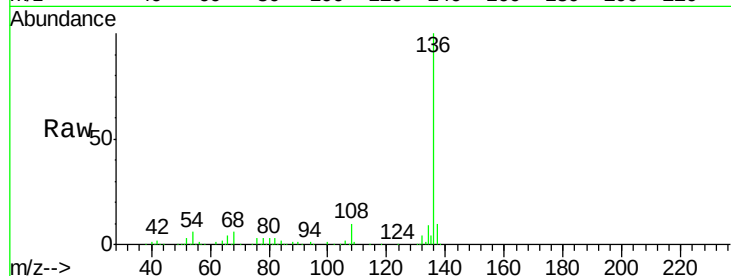




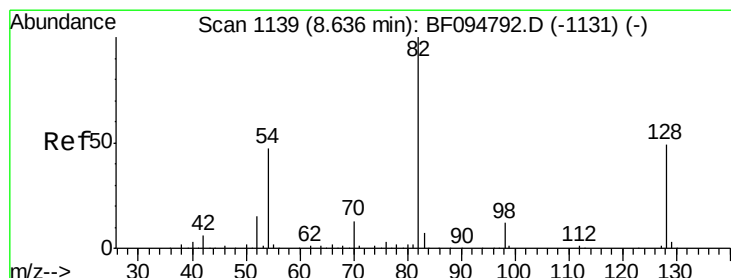
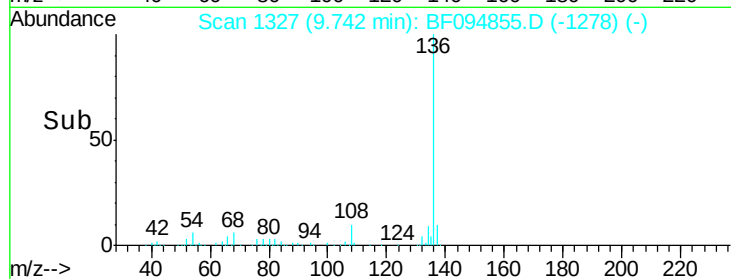
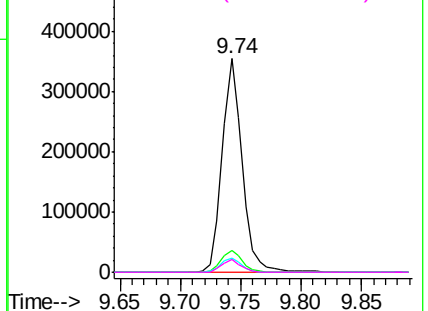
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094855.D
Acq: 4 May 2017 2:26

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0

Tgt Ion:	136	Resp:	406073
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.5	4.9	7.3
68	5.8	4.1	6.1

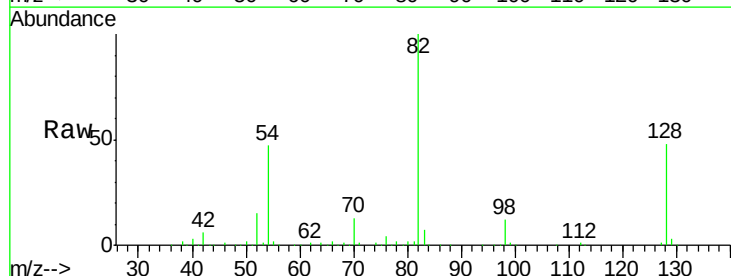


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

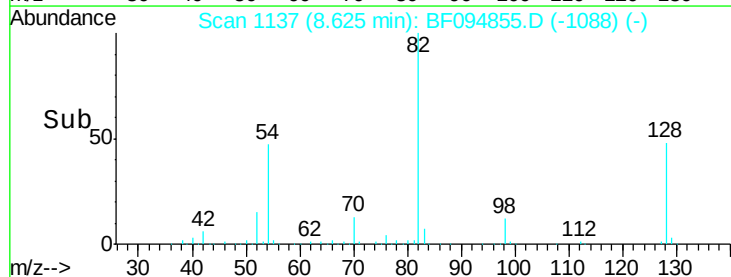
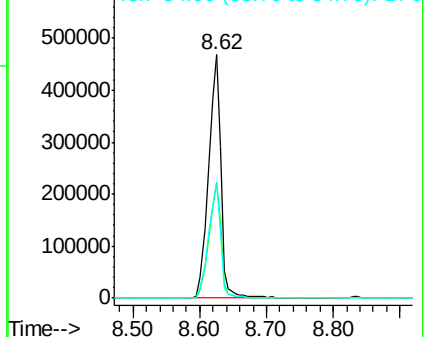


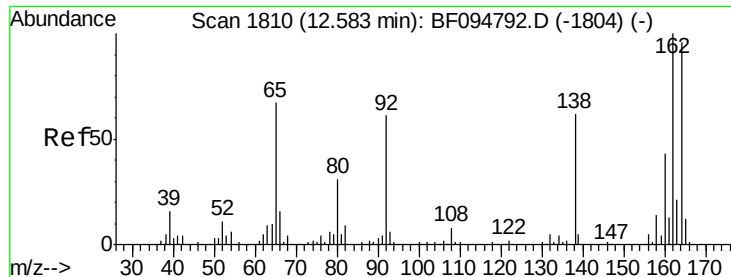
#23
Nitrobenzene-d5
Concen: 94.04 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094855.D
Acq: 4 May 2017 2:26

Tgt Ion:	82	Resp:	605558
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	47.4	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

SB-09-2.0-3.0

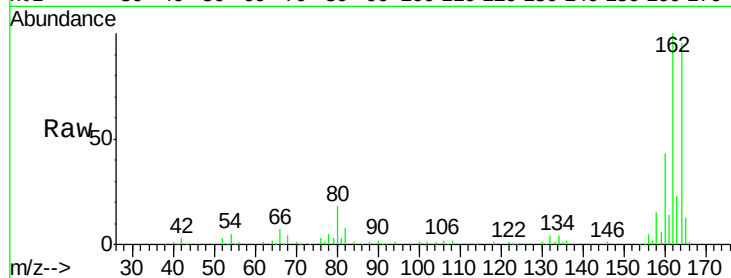
Tgt Ion:164 Resp: 167227

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

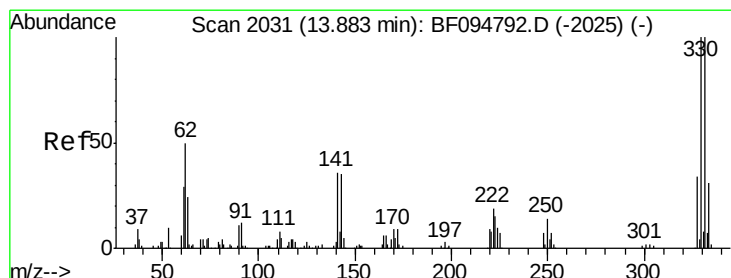
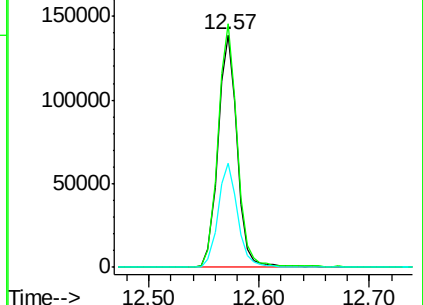
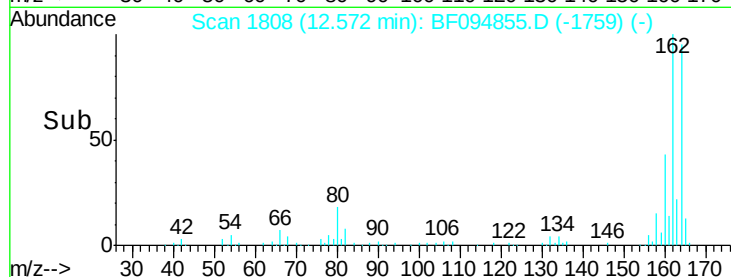
160 45.1 36.2 54.2



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: 129.13 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094855.D

Acq: 4 May 2017 2:26

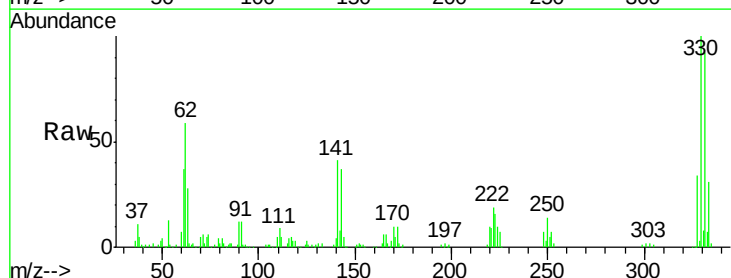
Tgt Ion:330 Resp: 176851

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

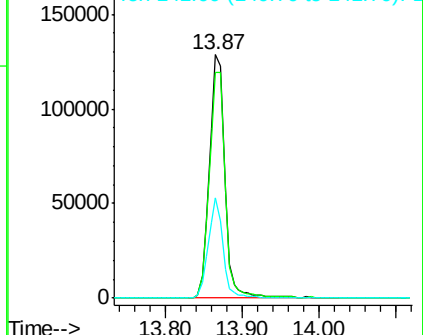
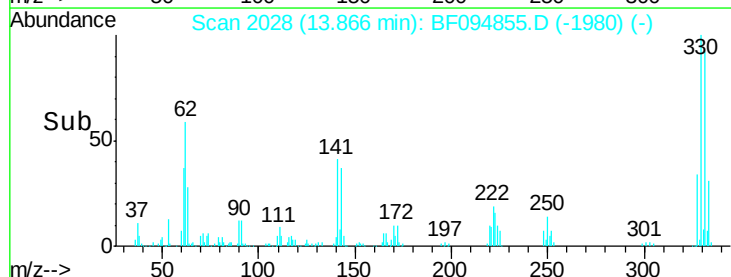
141 39.1 31.4 47.2

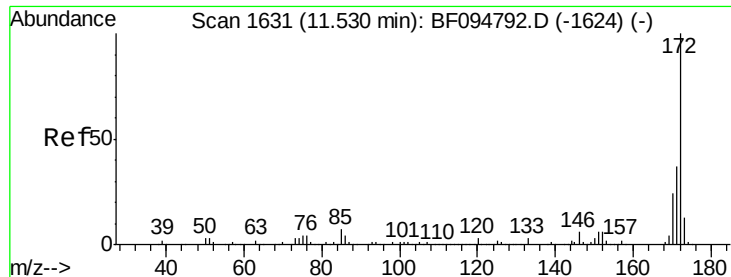


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

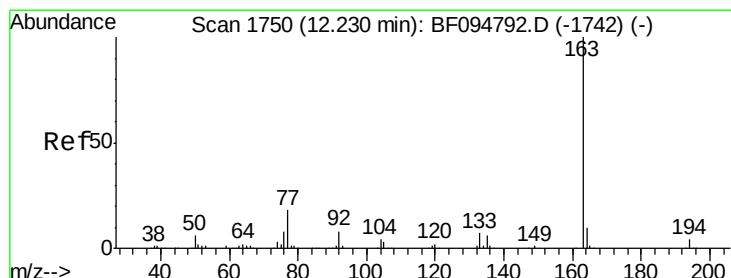
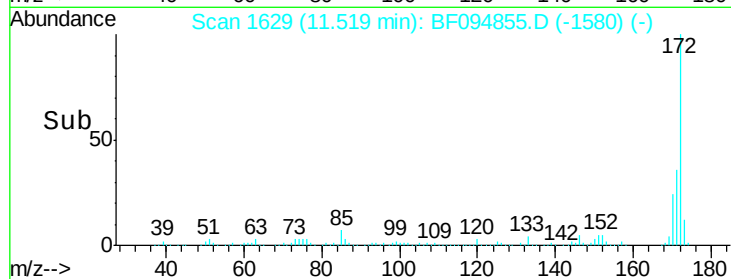
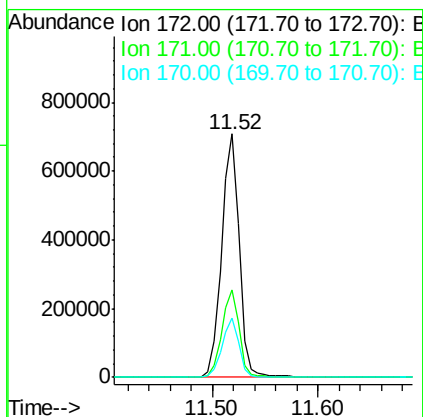
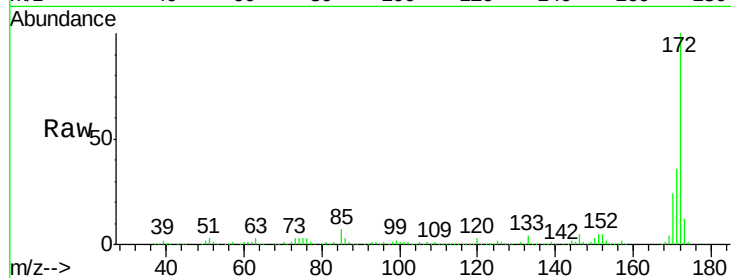




#44
 2-Fluorobiphenyl
 Concen: 71.41 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094855.D
 Acq: 4 May 2017 2:26

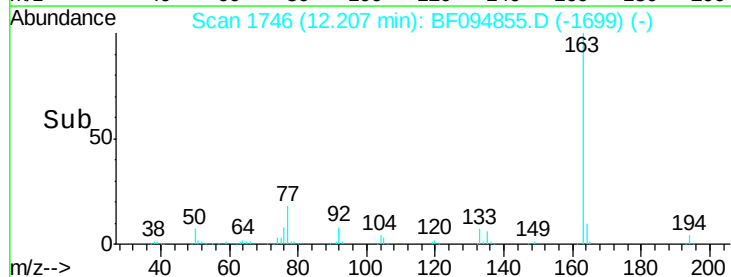
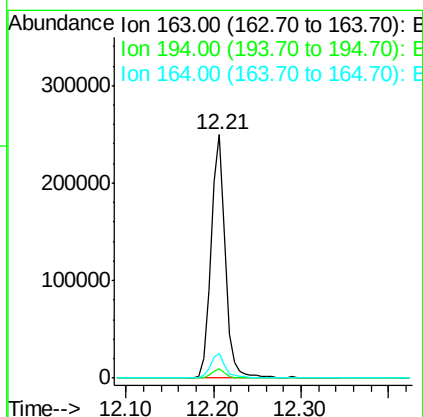
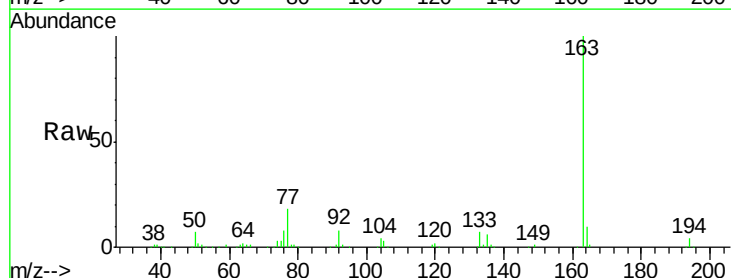
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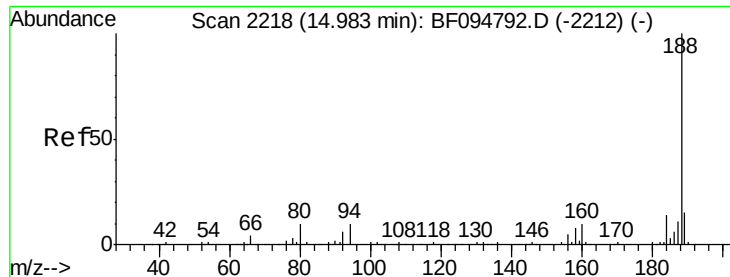
Tgt Ion:172 Resp: 829716
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 20.70 ng
 RT: 12.21 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BF094855.D
 Acq: 4 May 2017 2:26

Tgt Ion:163 Resp: 284196
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 4.0
 164 10.3 8.4 12.6

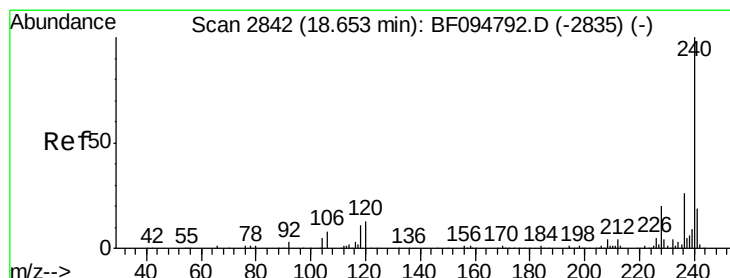
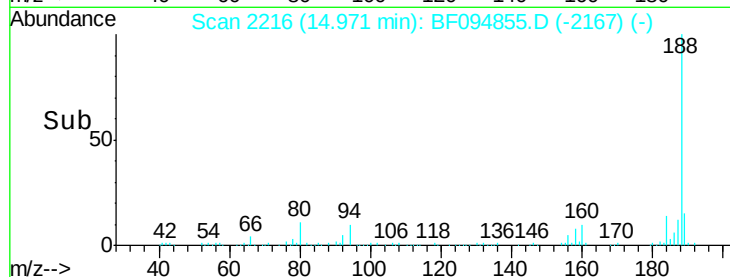
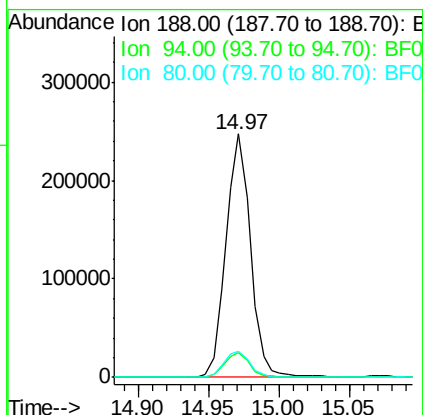
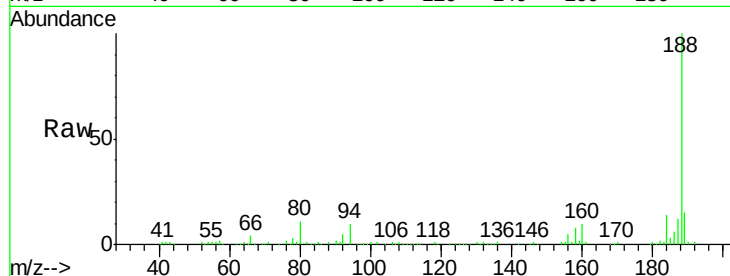




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094855.D
Acq: 4 May 2017 2:26

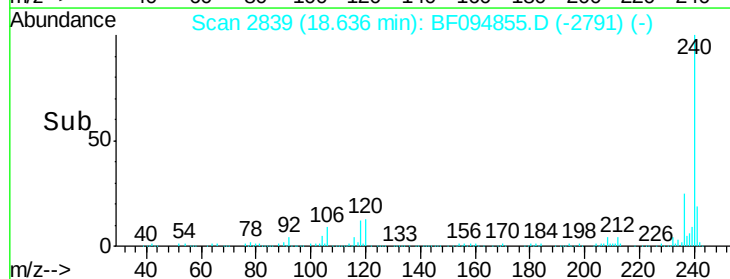
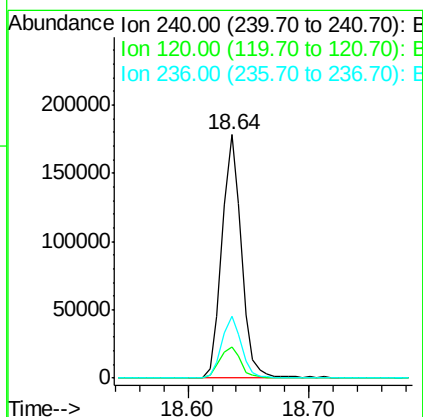
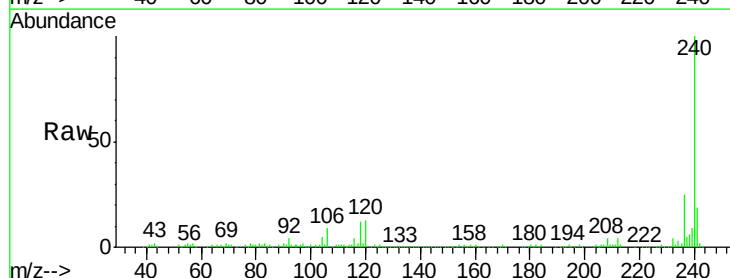
Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0

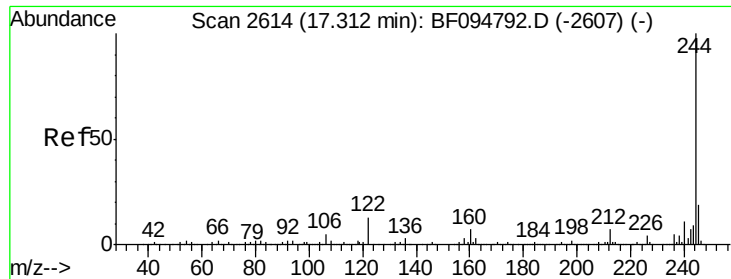
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.8	10.2	15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094855.D
Acq: 4 May 2017 2:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.3	20.5	30.7

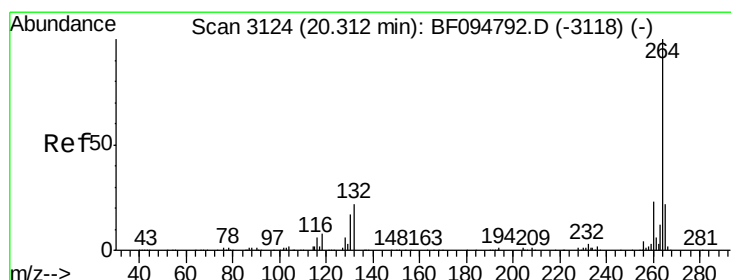
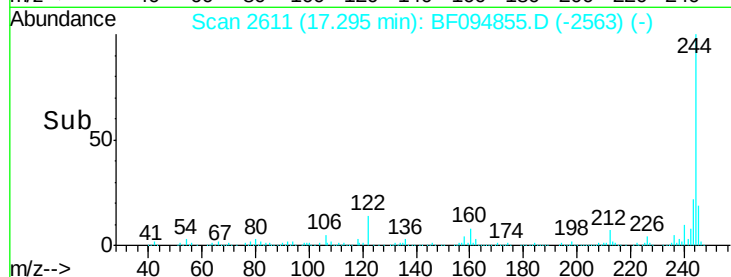
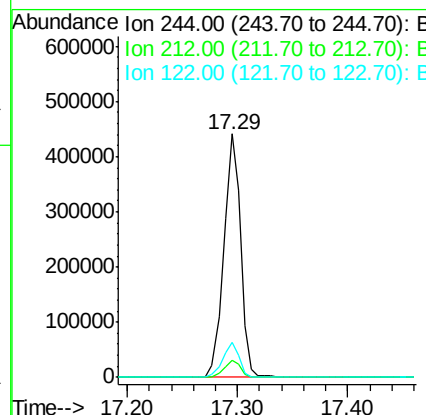
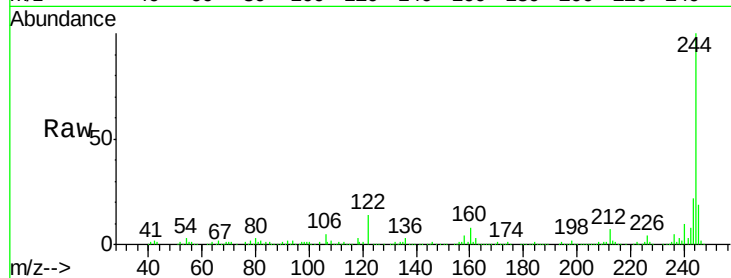




#78
 Terphenyl-d14
 Concen: 52.18 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094855.D
 Acq: 4 May 2017 2:26

Instrument :
 BNA_F
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 SB-09-2.0-3.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.4	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: BF094855.D
 Acq: 4 May 2017 2:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.0	17.2	25.8

