

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094845.D
 Acq On : 3 May 2017 21:06
 Operator : SJ/MA
 Sample : I2914-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-1.0-2.0

Quant Time: May 04 02:29:06 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

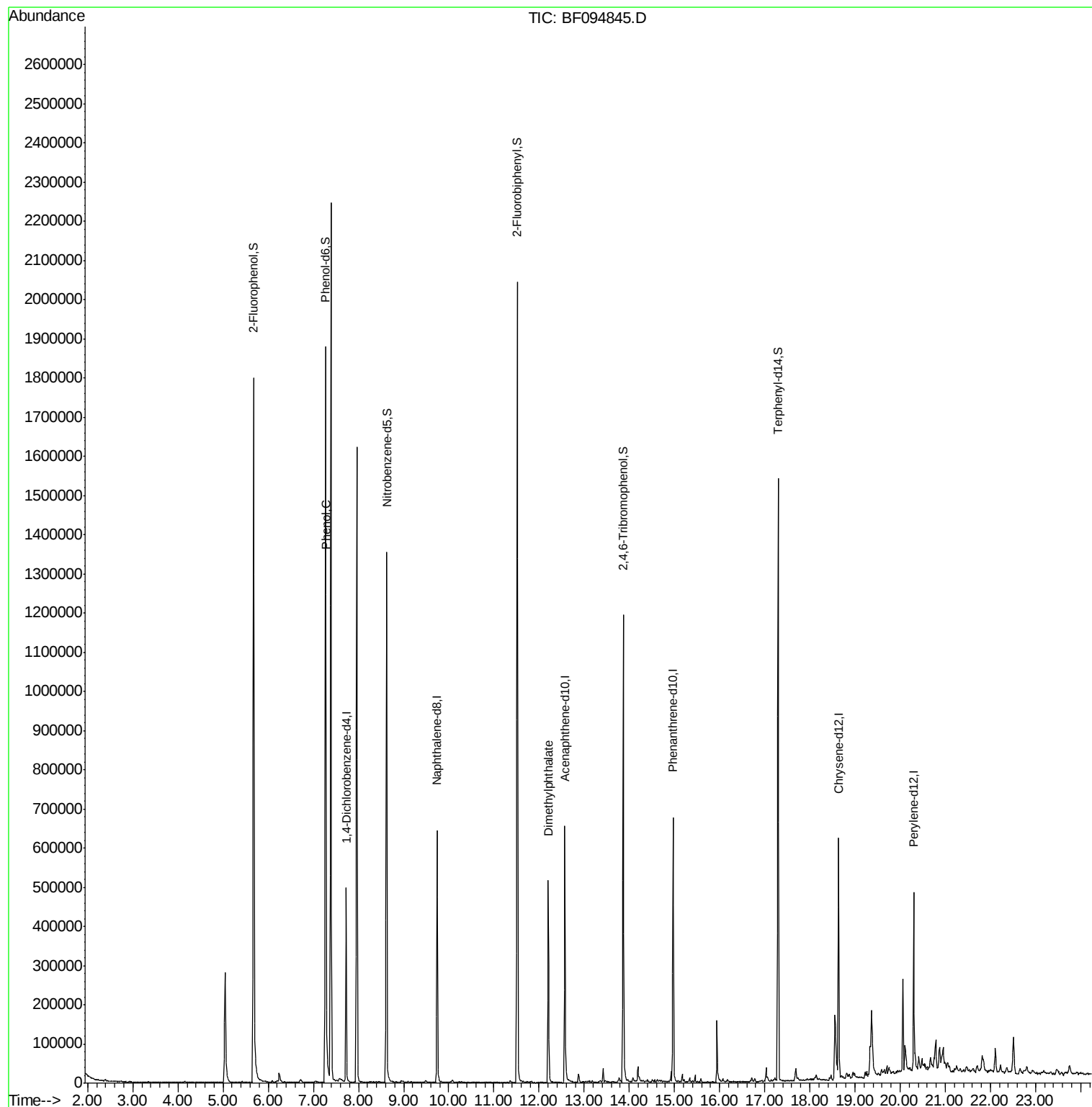
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97035	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	396958	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	183225	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	336497	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	247537	20.00	ng	-0.02
86) Perylene-d12	20.30	264	183678	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	786705	135.17	ng	0.00
7) Phenol-d6	7.27	99	1045911	149.77	ng	0.00
23) Nitrobenzene-d5	8.62	82	607038	96.43	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	190015	126.63	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	863101	67.80	ng	-0.01
78) Terphenyl-d14	17.30	244	604145	53.76	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	28169	3.83	ng	94
49) Dimethylphthalate	12.21	163	288257	19.16	ng	98

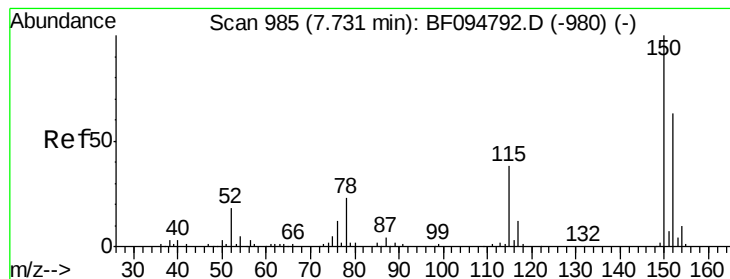
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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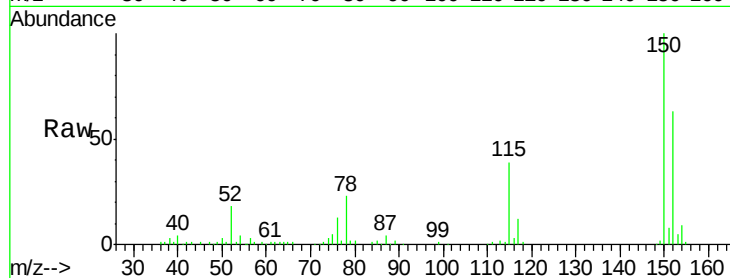




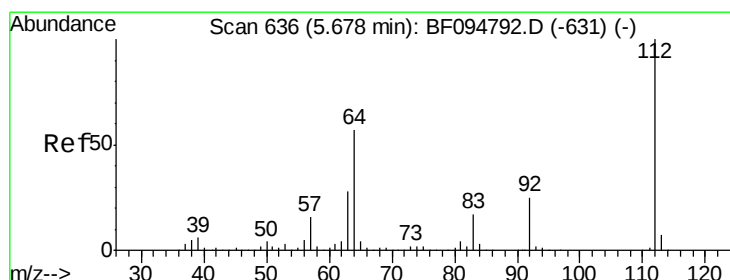
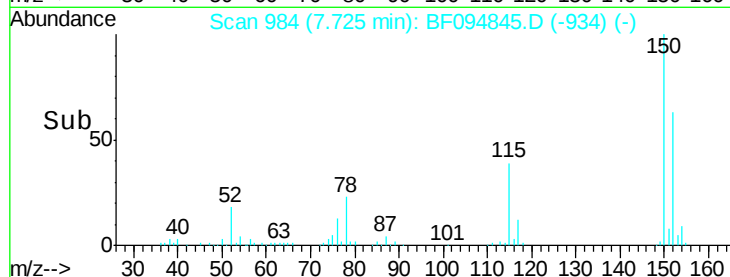
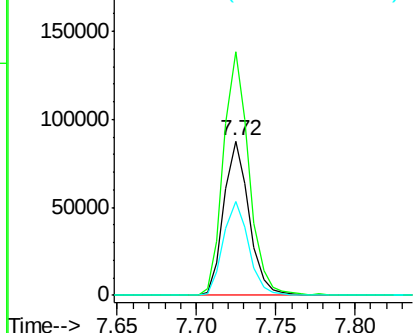
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094845.D
 Acq: 3 May 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-1.0-2.0

Tgt Ion:152 Resp: 97035
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 61.1 52.2 78.2

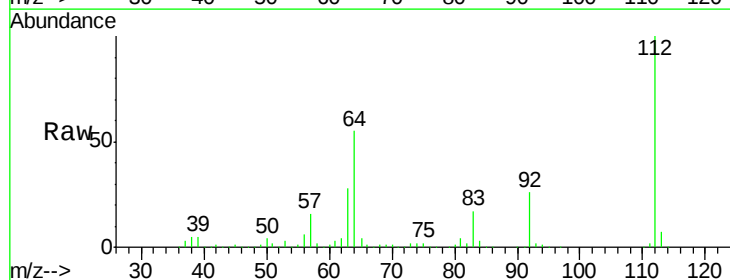


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

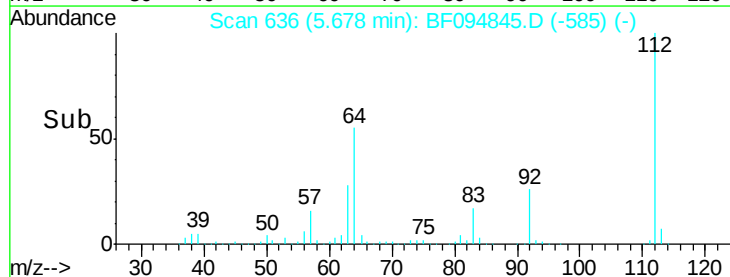
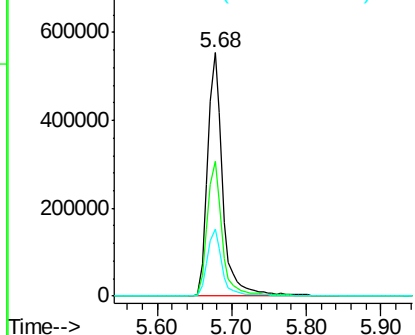


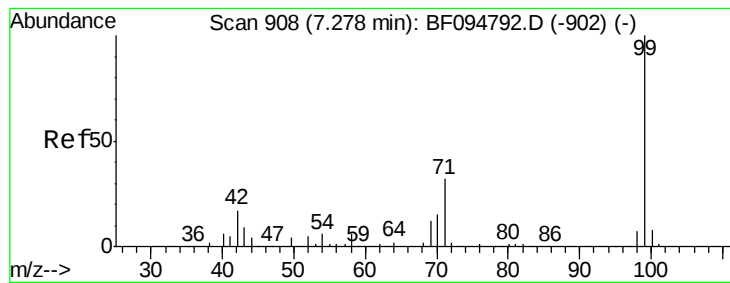
#5
 2-Fluorophenol
 Concen: 135.17 ng
 RT: 5.68 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF094845.D
 Acq: 3 May 2017 21:06

Tgt Ion:112 Resp: 786705
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.0 69.0
 63 27.7 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: 149.77 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-2.0

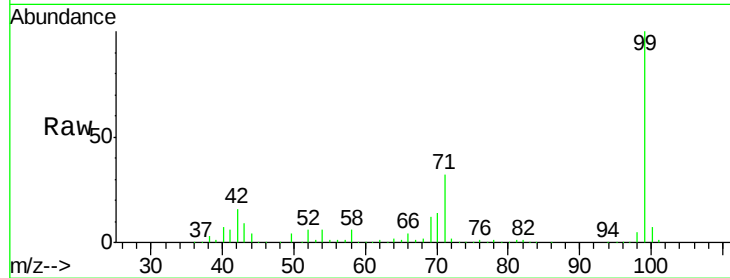
Tgt Ion: 99 Resp: 1045911

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

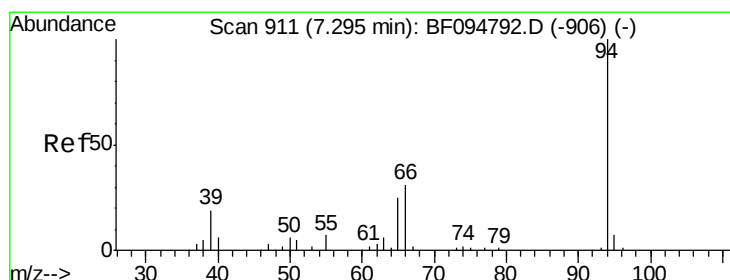
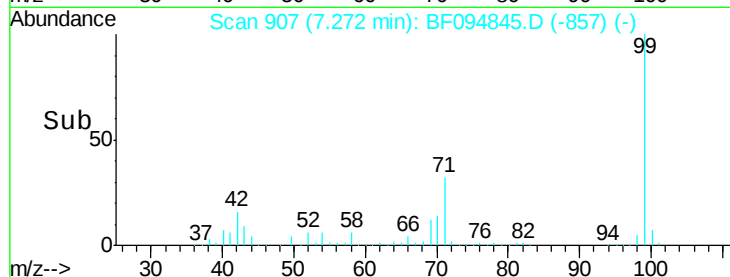
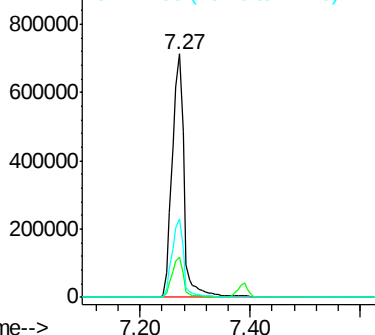
71 32.4 24.5 36.7



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: 3.83 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

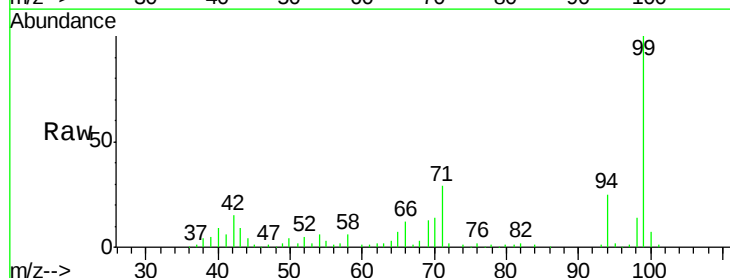
Tgt Ion: 94 Resp: 28169

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

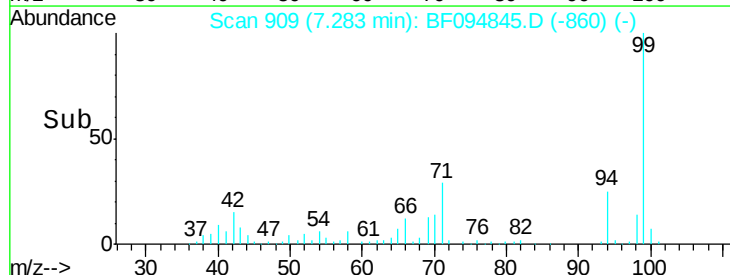
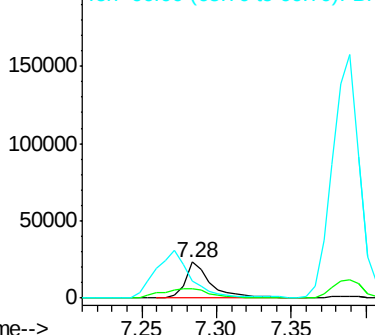
66 47.3 23.1 63.1

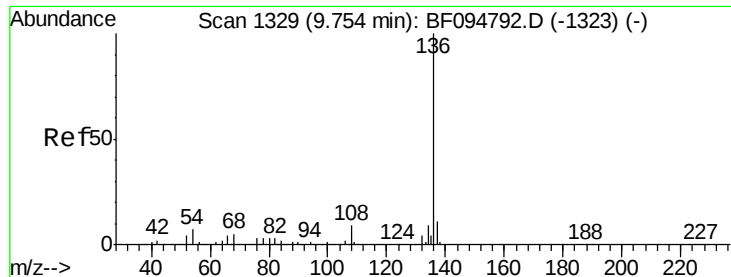


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

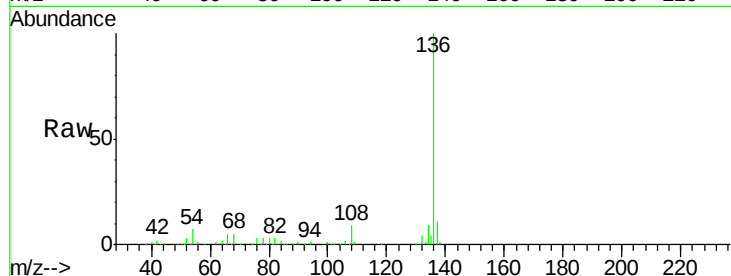




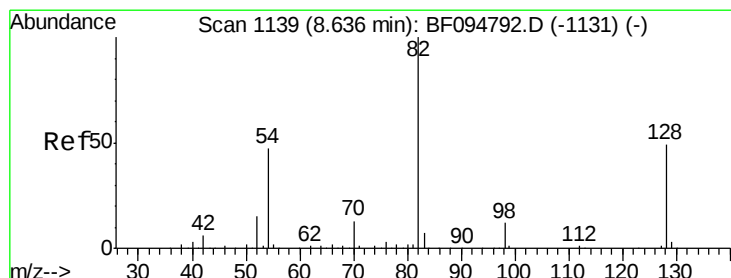
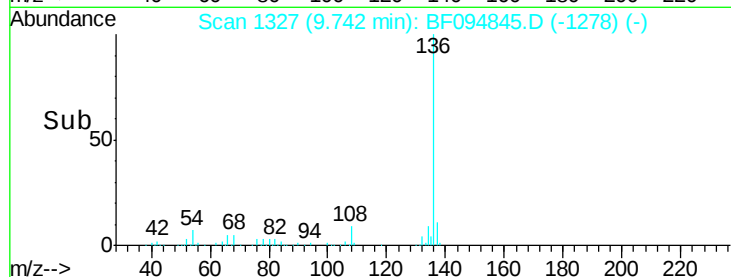
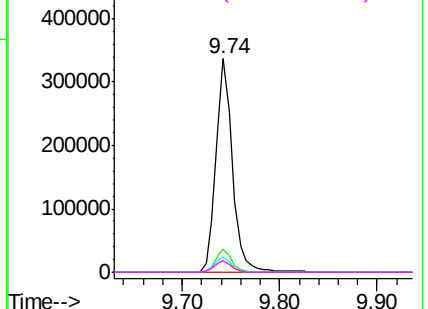
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Instrument :
BNA_F
ClientSampleId :
SB-11-1.0-2.0

Tgt Ion:	136	Resp:	396958
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	4.9	7.3
68	5.5	4.1	6.1

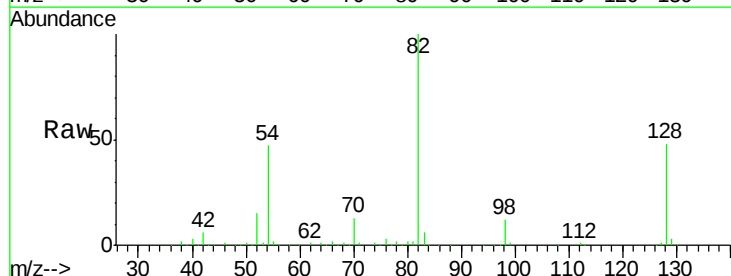


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

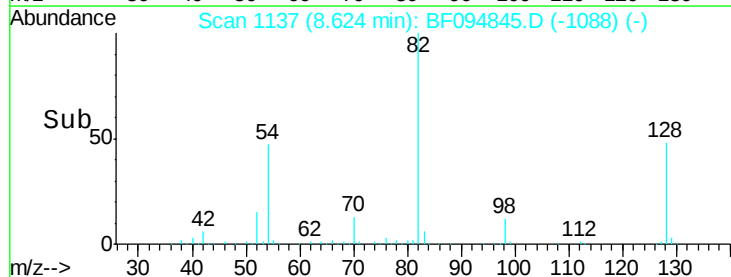
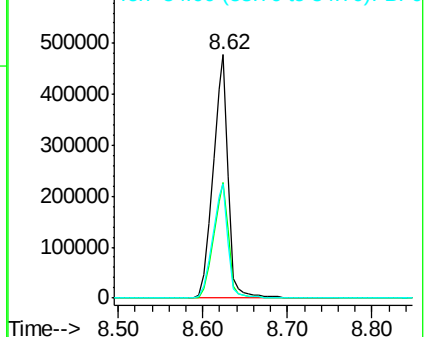


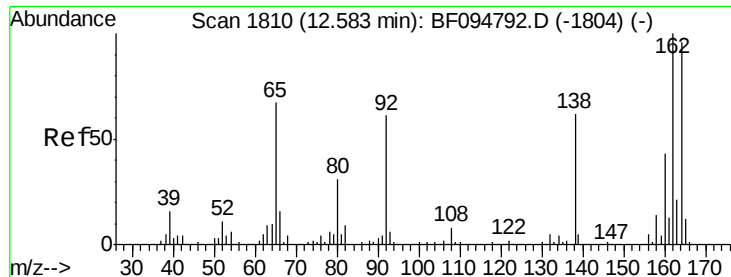
#23
Nitrobenzene-d5
Concen: 96.43 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Tgt Ion:	82	Resp:	607038
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	47.0	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: BF094845.D

Acq: 3 May 2017 21:06

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-2.0

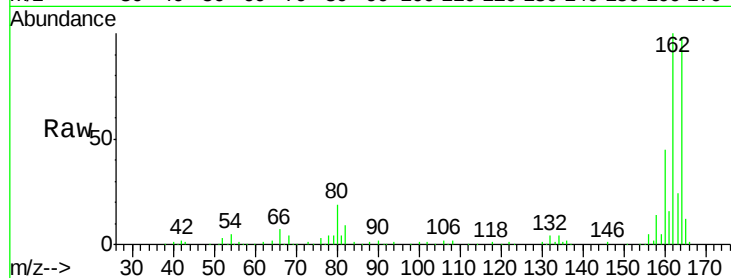
Tgt Ion:164 Resp: 183225

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

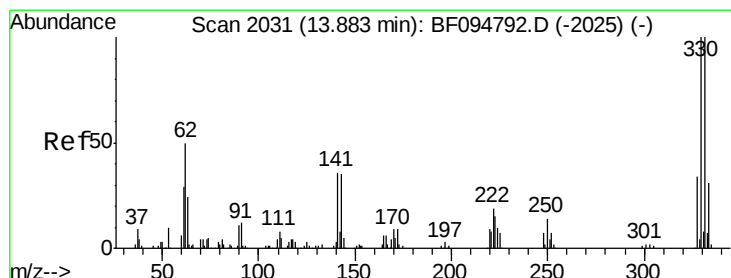
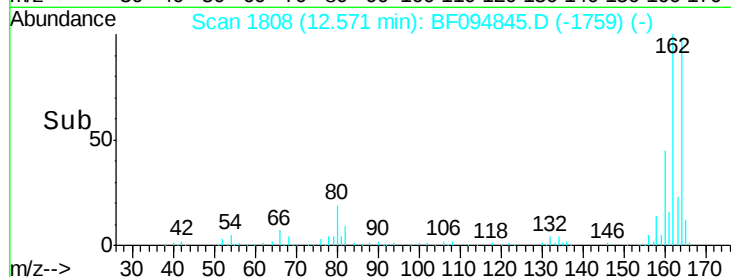
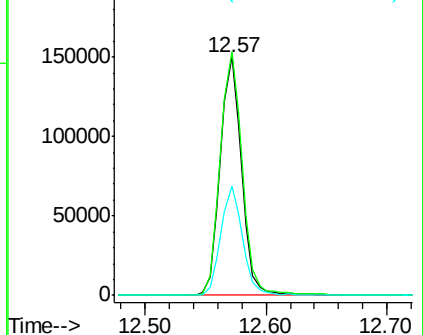
160 45.7 36.2 54.2



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: 126.63 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094845.D

Acq: 3 May 2017 21:06

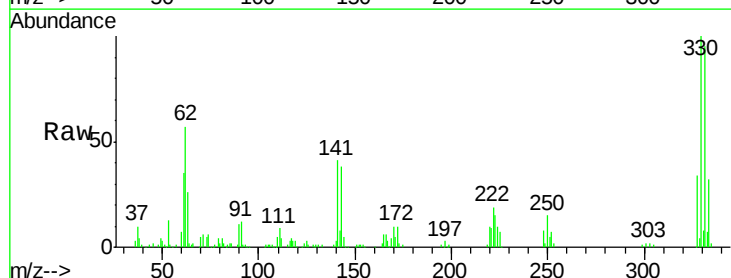
Tgt Ion:330 Resp: 190015

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

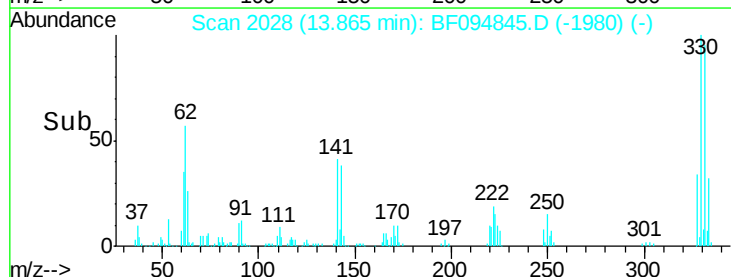
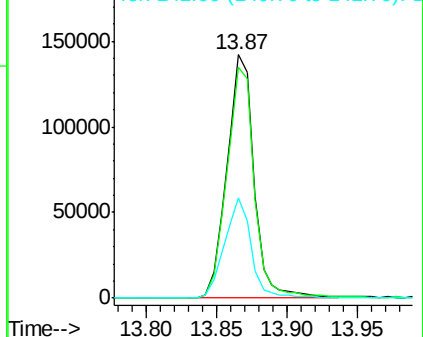
141 40.6 31.4 47.2

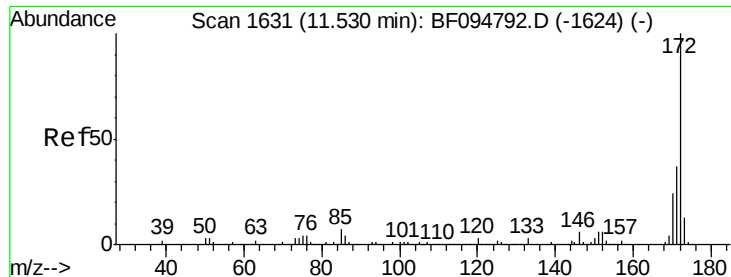


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

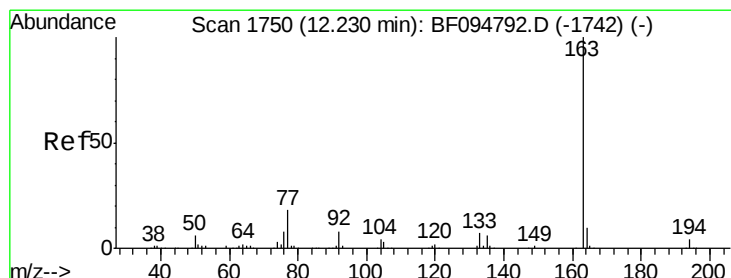
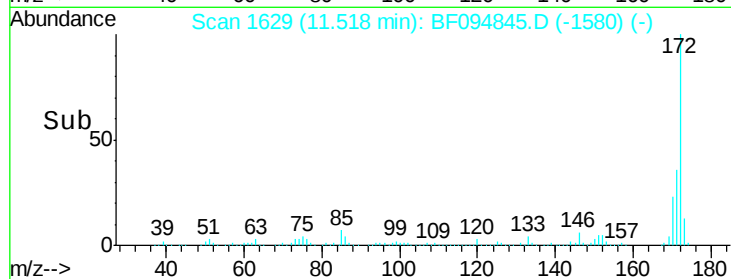
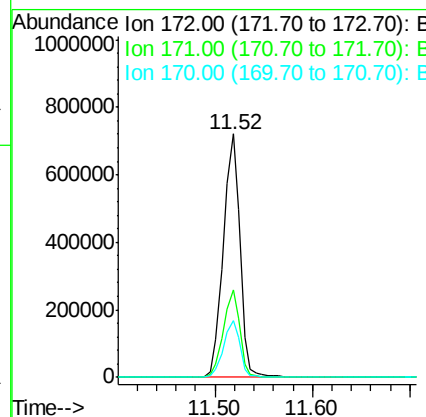
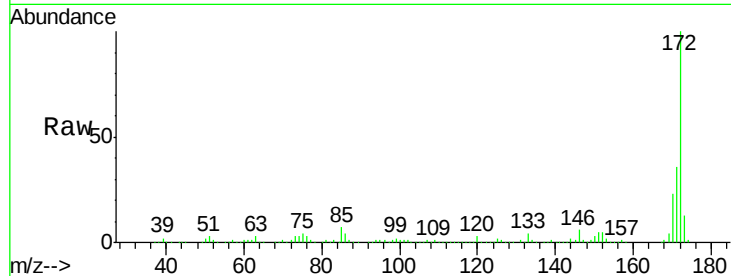




#44
2-Fluorobiphenyl
Concen: 67.80 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

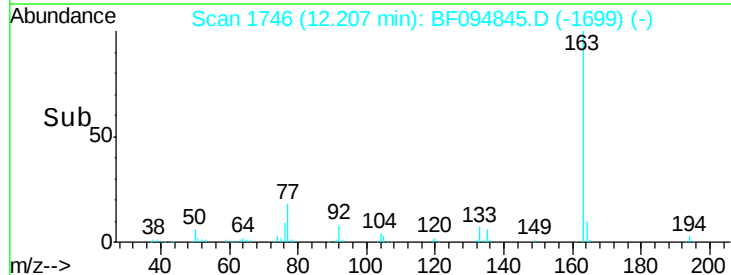
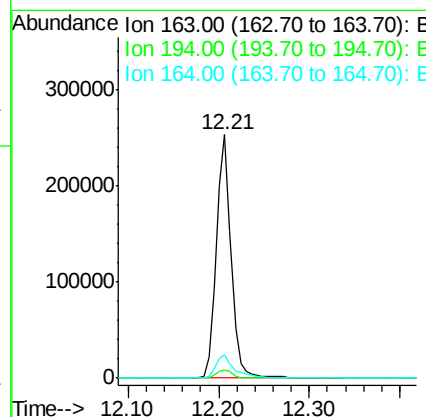
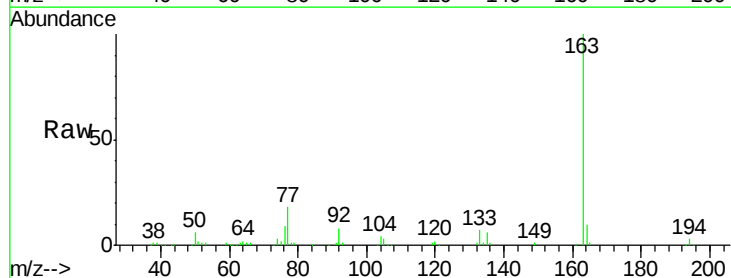
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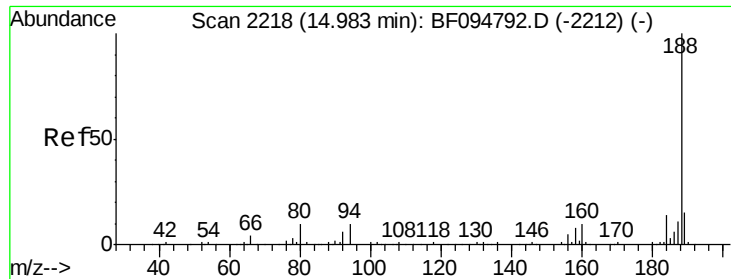
Tgt Ion:172 Resp: 863101
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 19.16 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Tgt Ion:163 Resp: 288257
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6

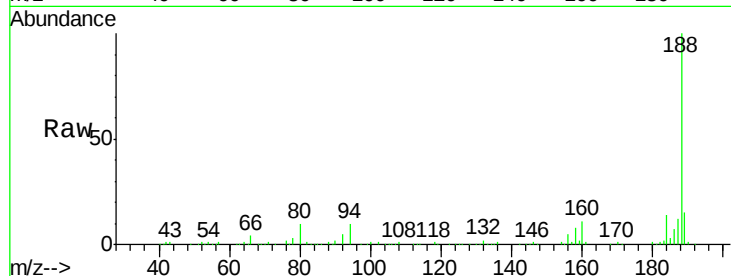




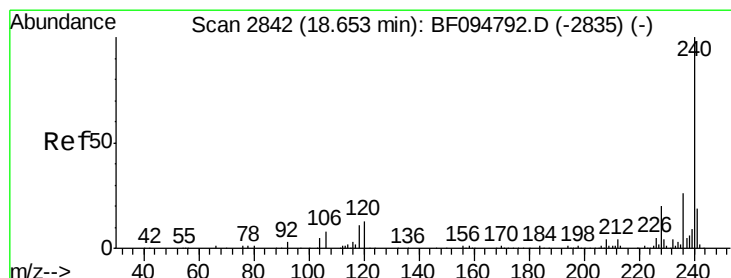
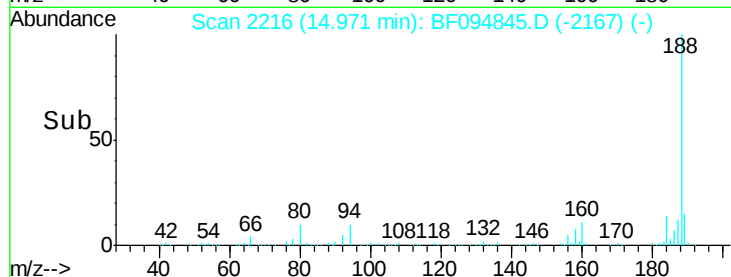
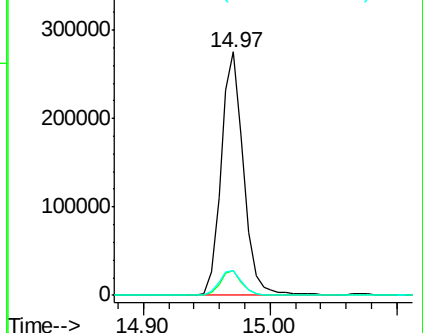
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Instrument :
BNA_F
ClientSampleId :
SB-11-1.0-2.0

Tgt Ion:188 Resp: 336497
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.0 10.2 15.2#

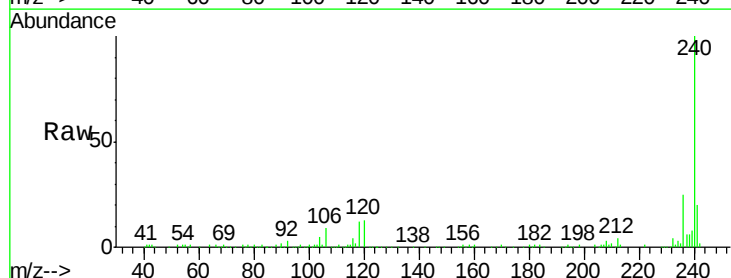


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

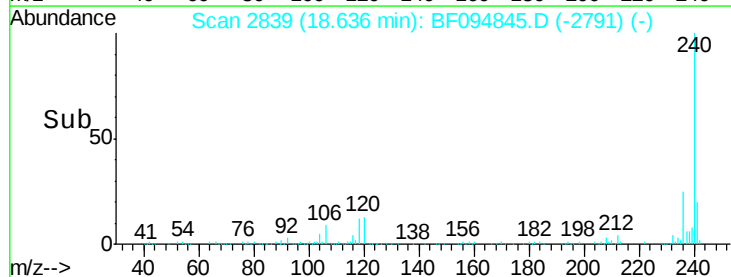
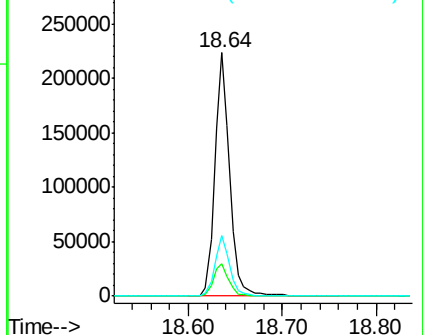


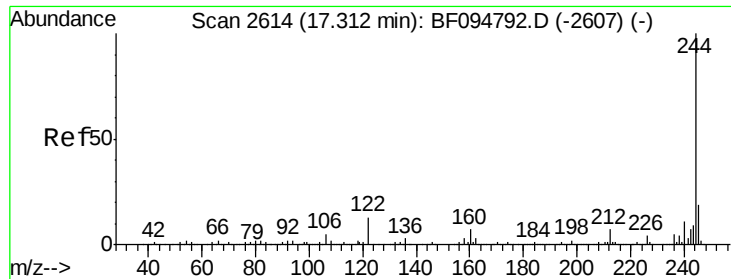
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094845.D
Acq: 3 May 2017 21:06

Tgt Ion:240 Resp: 247537
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.9 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

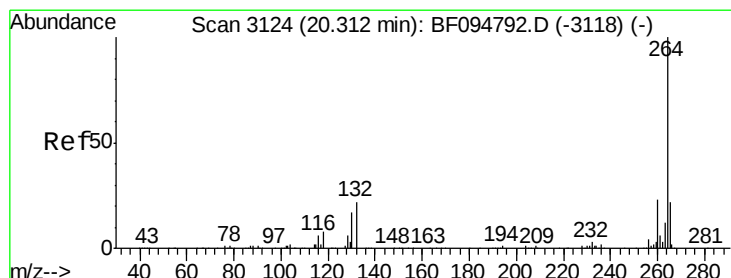
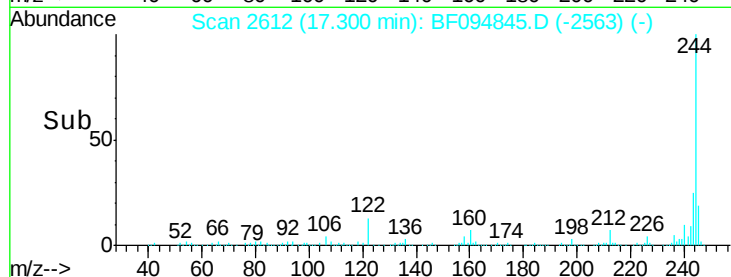
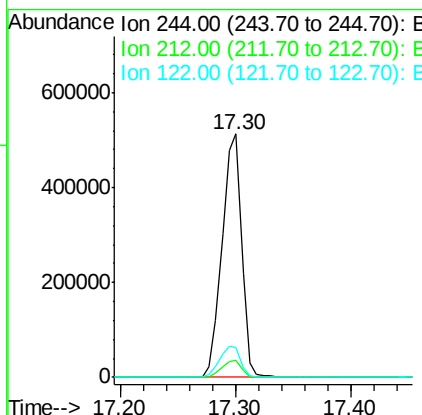
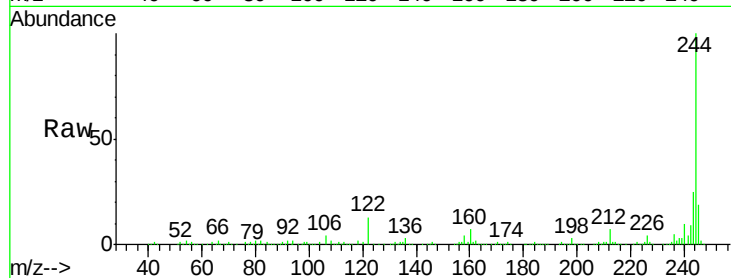




#78
 Terphenyl-d14
 Concen: 53.76 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094845.D
 Acq: 3 May 2017 21:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-1.0-2.0

Tgt Ion:244 Resp: 604145
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.5 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: BF094845.D
 Acq: 3 May 2017 21:06

Tgt Ion:264 Resp: 183678
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.7 17.2 25.8

