

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101124.D
 Acq On : 5 Dec 2017 15:09
 Operator : SJ/JU
 Sample : I6718-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3026

Quant Time: Dec 05 15:57:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

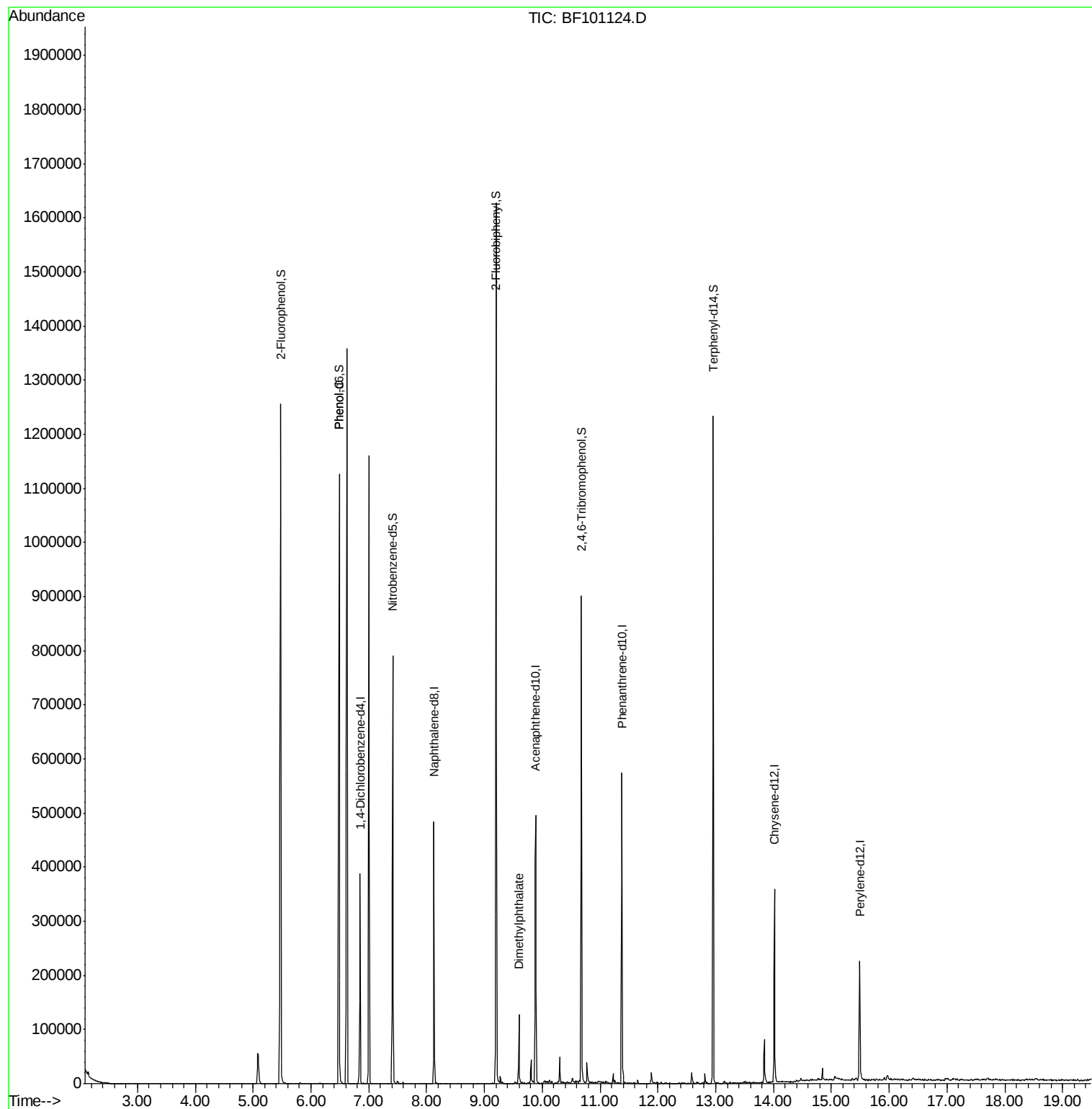
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53984	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210052	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99819	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	190755	20.00	ng	0.00
75) Chrysene-d12	14.02	240	120467	20.00	ng	0.00
86) Perylene-d12	15.49	264	114178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	349993	107.13	ng	0.01
7) Phenol-d6	6.49	99	421251	106.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	260469	73.97	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	123468	102.97	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	482259	66.10	ng	0.00
78) Terphenyl-d14	12.96	244	450140	81.73	ng	0.00
Target Compounds						
10) Phenol	6.49	94	10432	2.365	ng	79
49) Dimethylphthalate	9.60	163	56194	6.980	ng	99

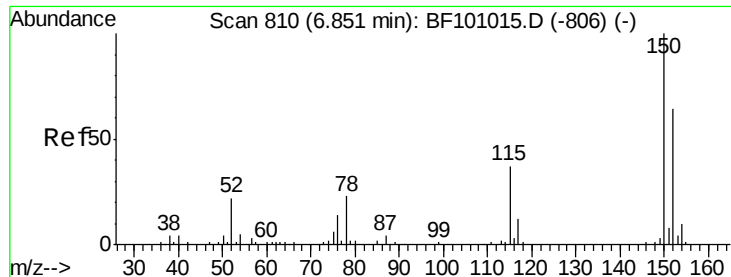
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

Instrument :

BNA_F

ClientSampleId :

RT-3026

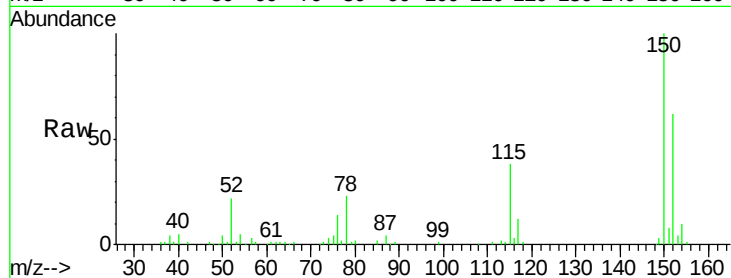
Tot Ion:152 Resp: 53984

Ion Ratio Lower Upper

152 100

150 162.0 124.6 186.8

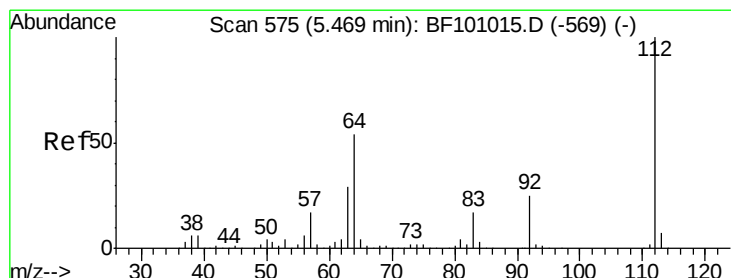
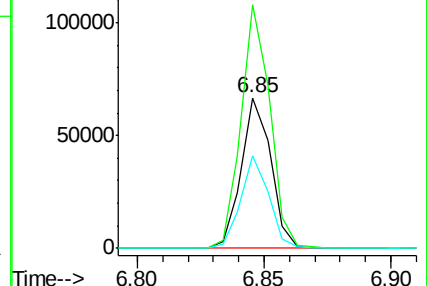
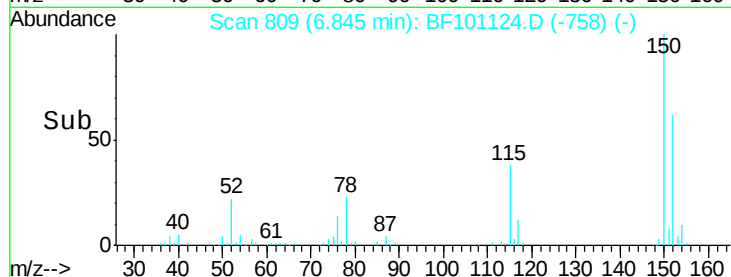
115 61.7 50.1 75.1



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: 107.132 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

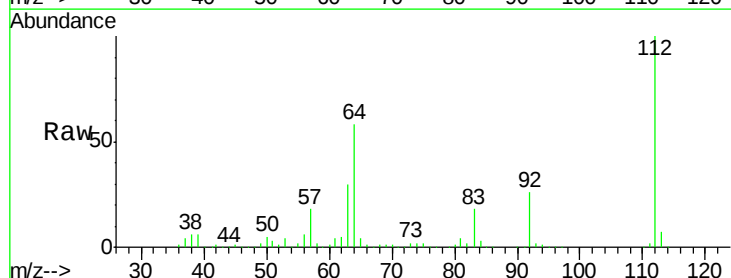
Tgt Ion:112 Resp: 349993

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

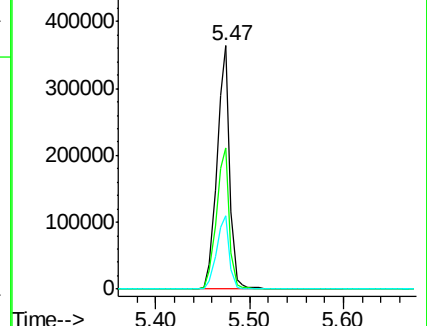
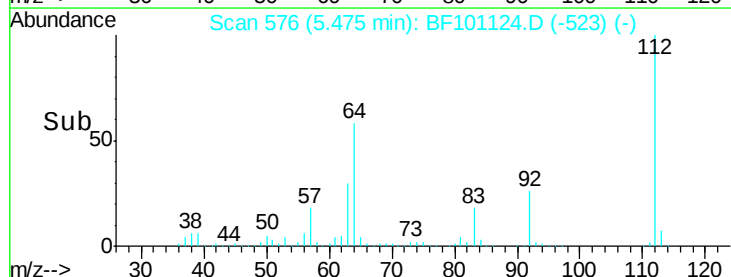
63 30.4 23.7 35.5

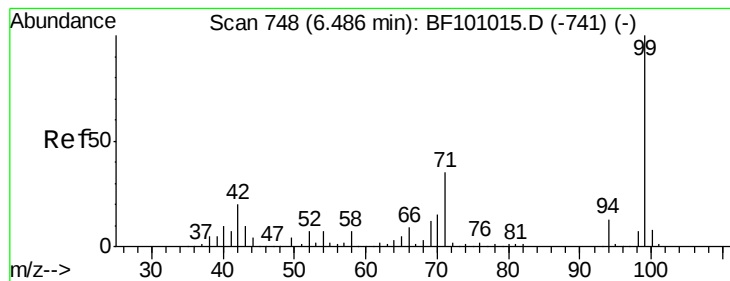


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.206 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

Instrument :

BNA_F

ClientSampled :

RT-3026

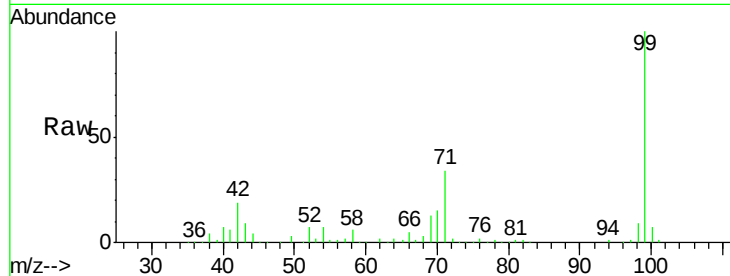
Tot Ion: 99 Resp: 421251

Ion Ratio Lower Upper

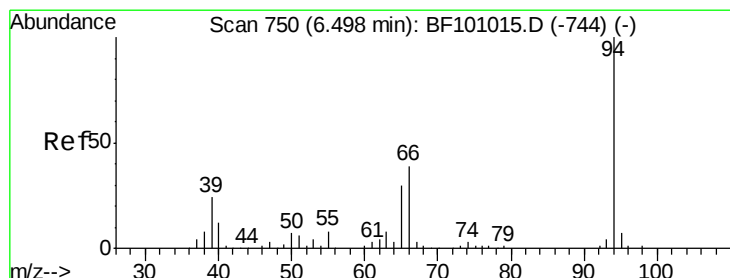
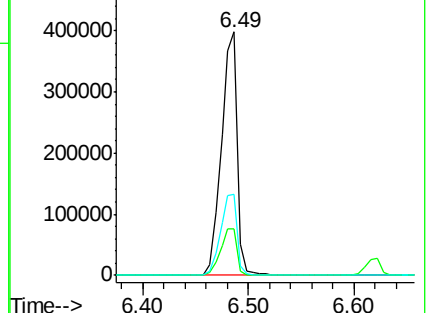
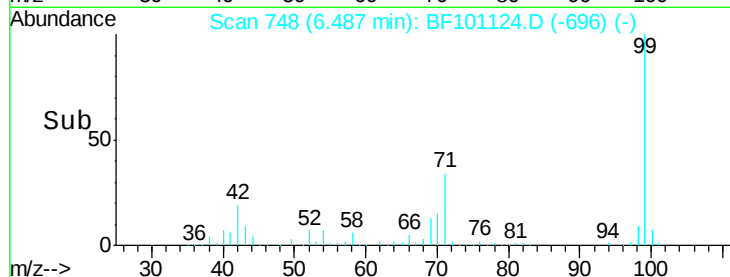
99 100

42 19.1 14.5 21.7

71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.365 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

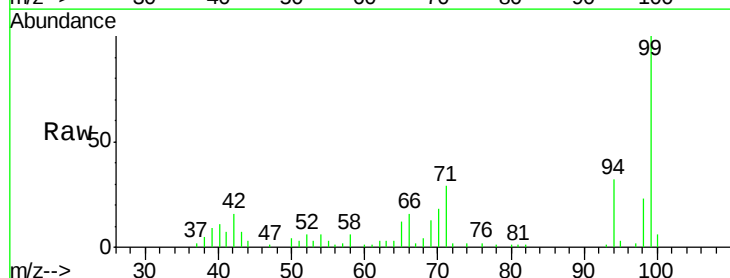
Tgt Ion: 94 Resp: 10432

Ion Ratio Lower Upper

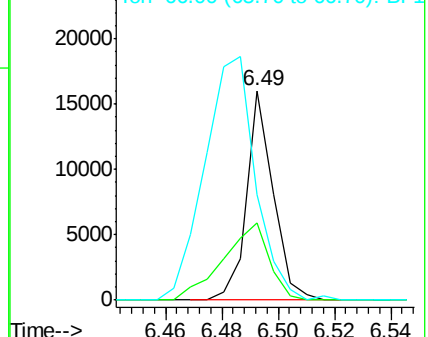
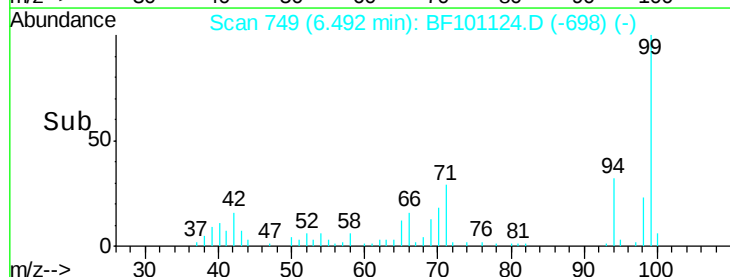
94 100

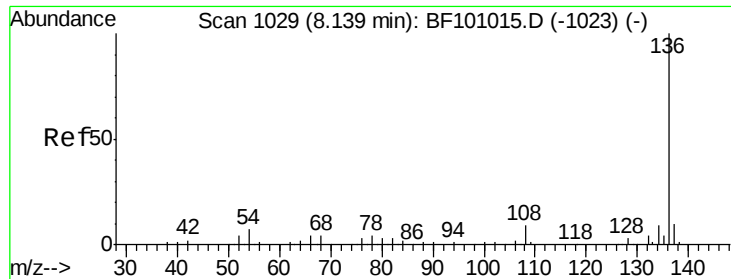
65 36.7 7.9 47.9

66 50.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

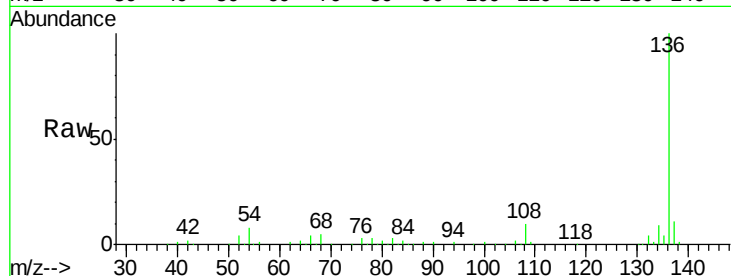




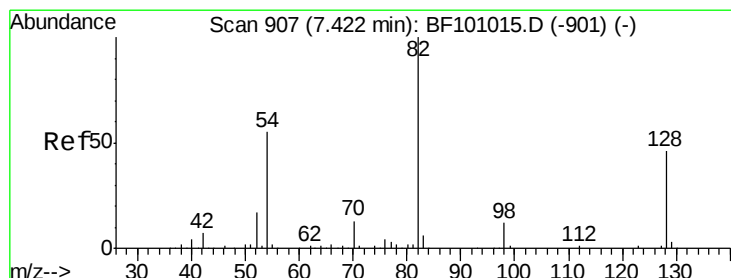
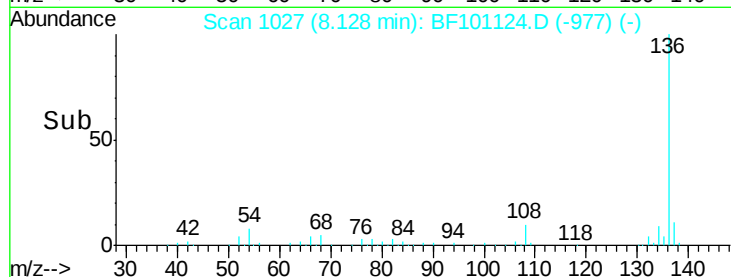
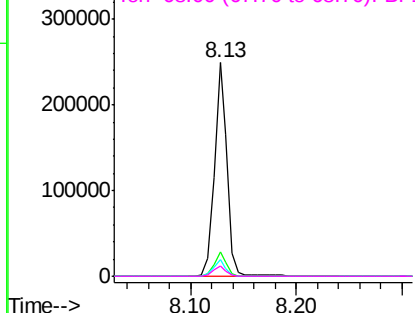
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :
RT-3026

Tot Ion:136	Resp:	210052
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	7.7	6.6 9.8
68	4.7	5.0 7.4#

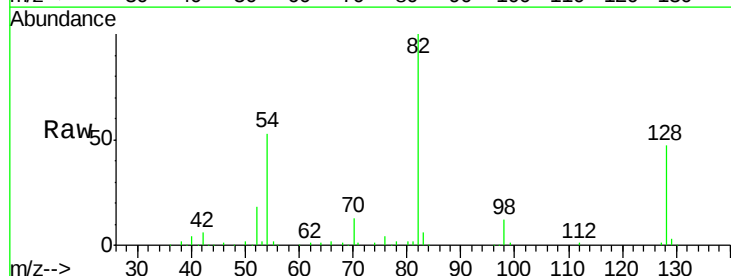


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

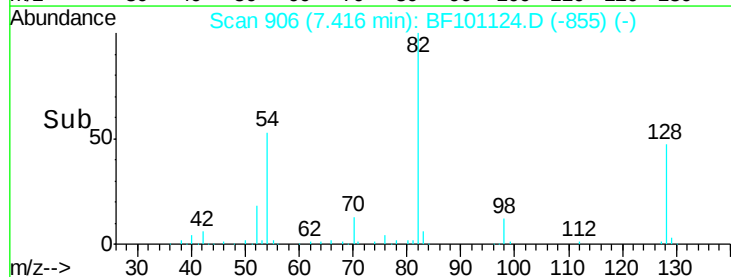
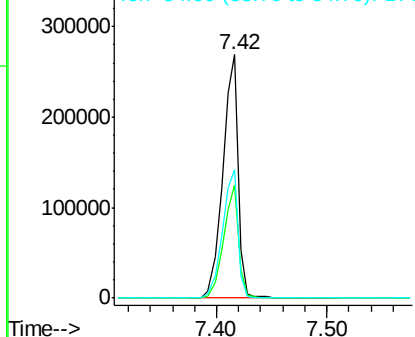


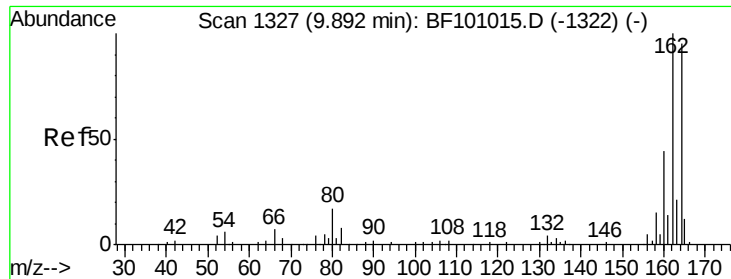
#23
Nitrobenzene-d5
Concen: 73.971 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion: 82	Resp:	260469
Ion	Ratio	Lower Upper
82	100	
128	46.6	36.1 54.1
54	52.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

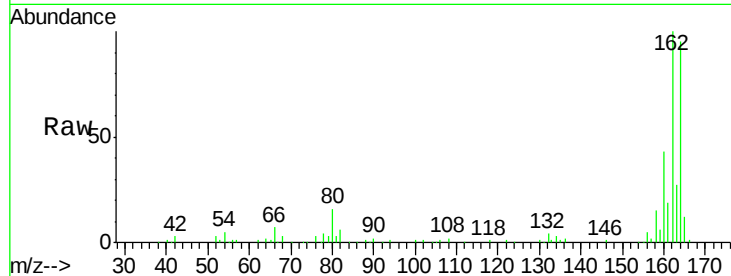




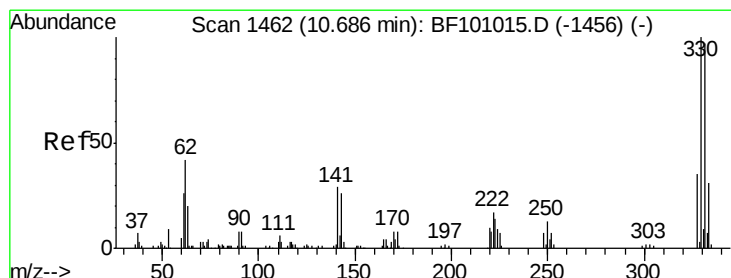
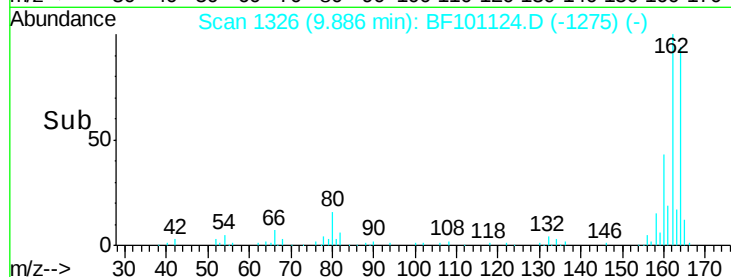
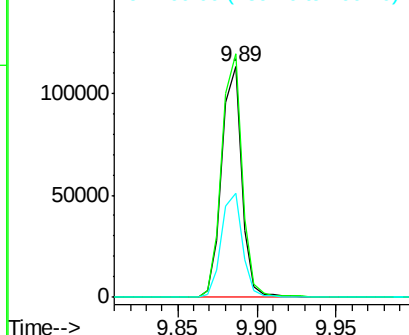
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :
RT-3026

Tot Ion:164 Resp: 99819
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 45.4 38.3 57.5

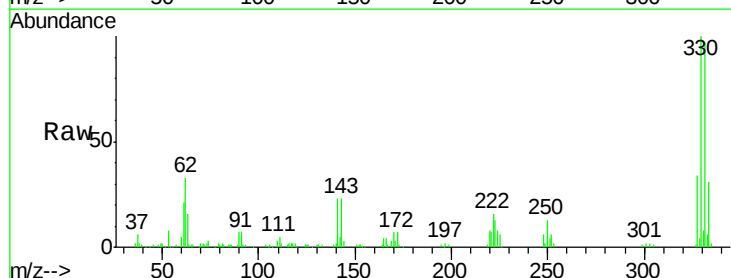


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

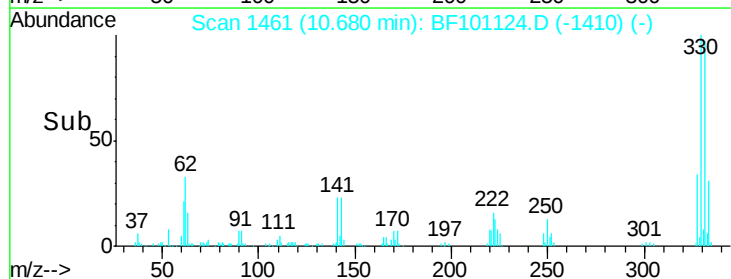
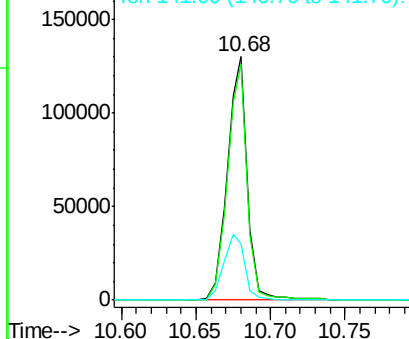


#41
2,4,6-Tribromophenol
Concen: 102.966 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion:330 Resp: 123468
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 28.6 29.9 44.9#



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

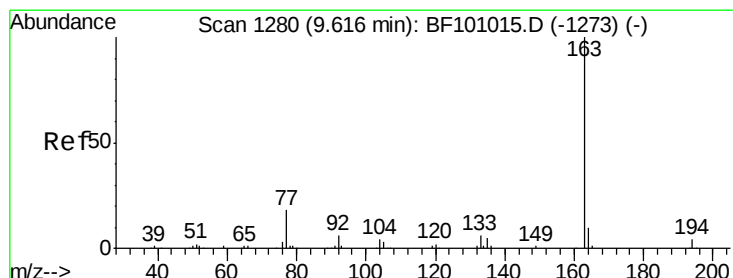
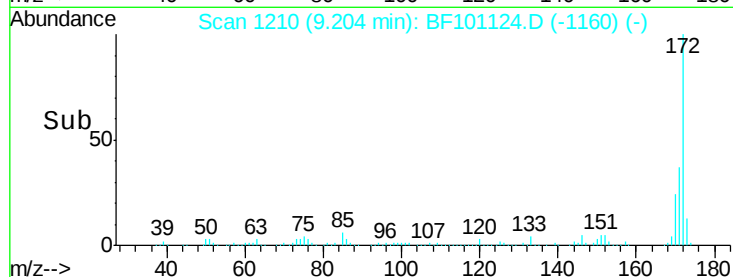
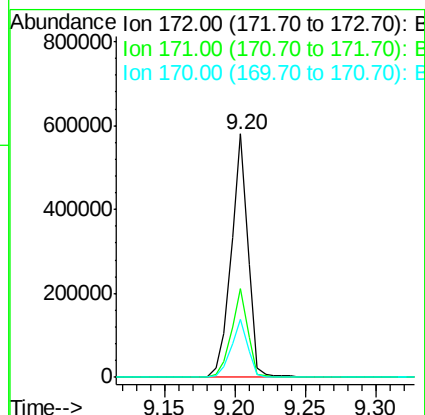
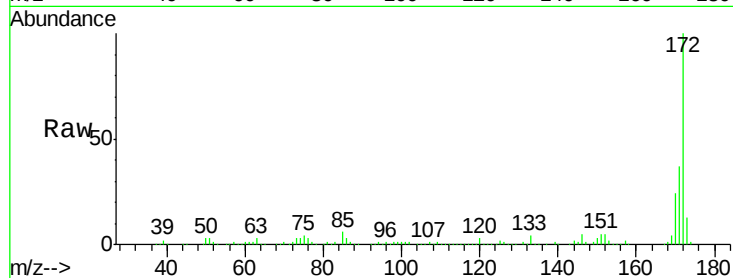




#44
2-Fluorobiphenyl
Concen: 66.102 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

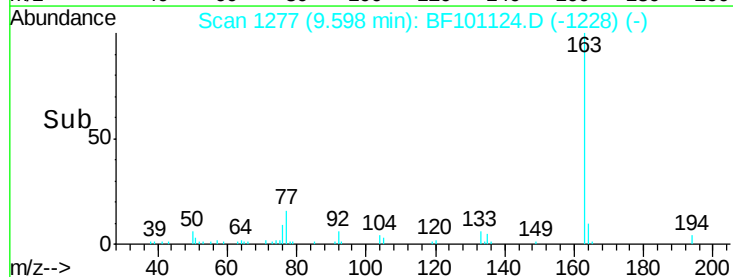
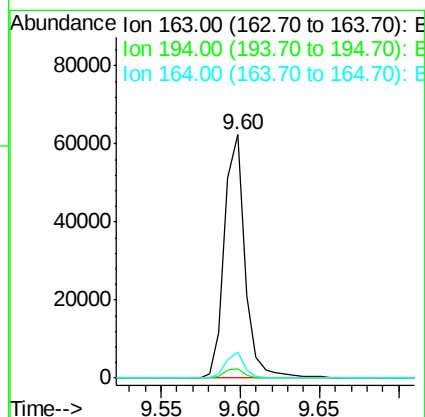
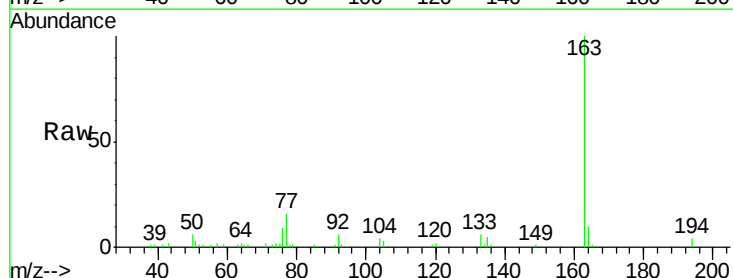
Instrument :
BNA_F
ClientSampleId :
RT-3026

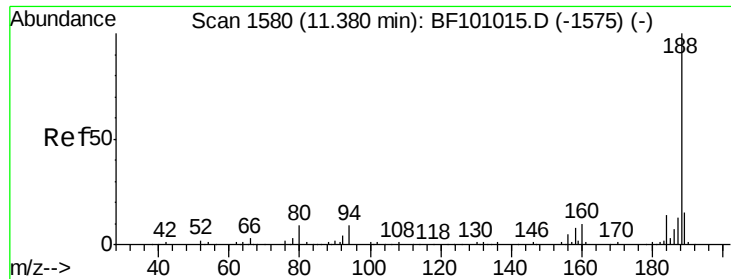
Tot Ion:172 Resp: 482259
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 6.980 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion:163 Resp: 56194
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

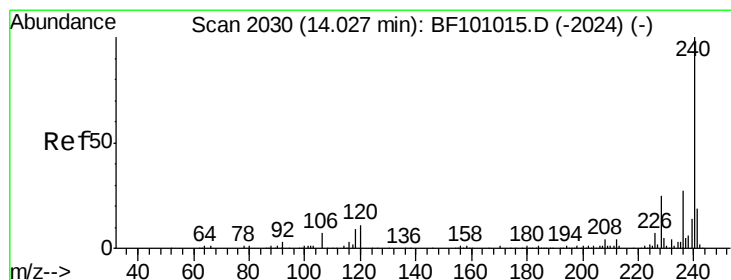
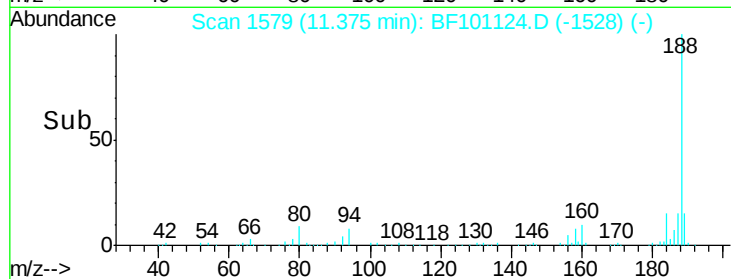
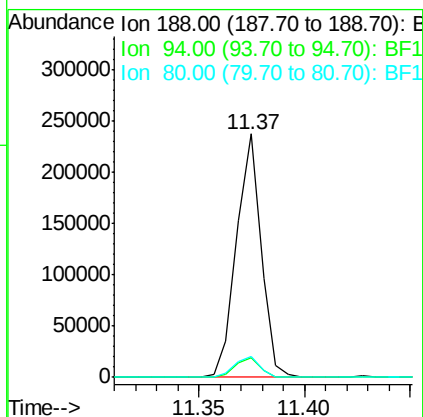
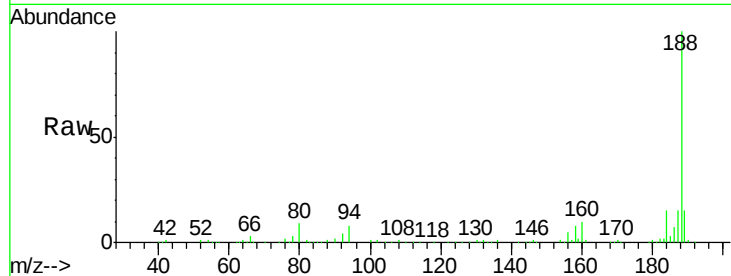




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

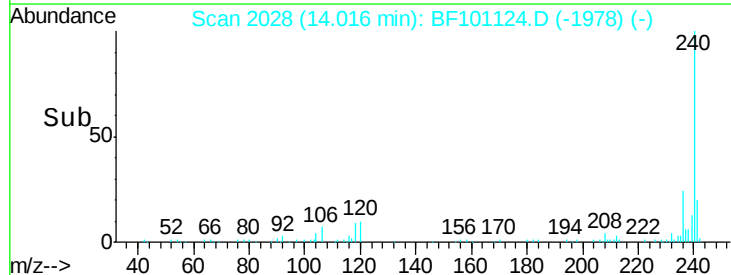
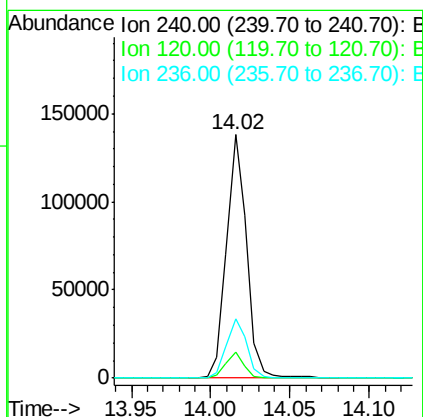
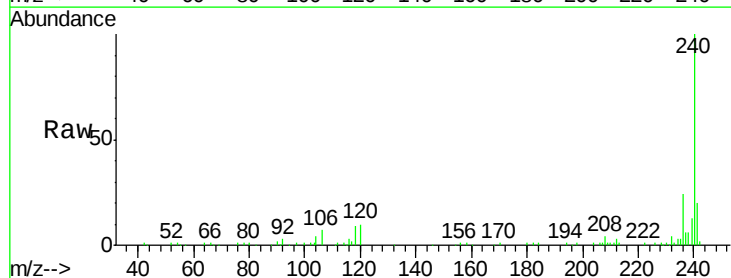
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BNA_F
ClientSampleId :
RT-3026

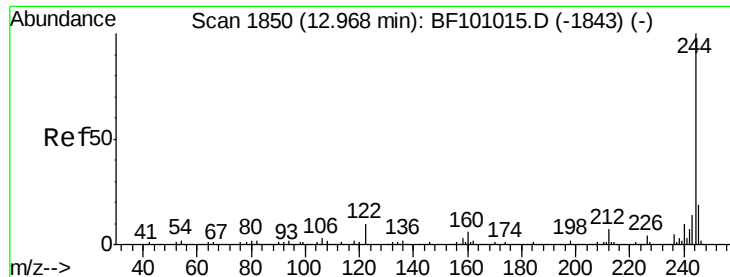
Tot Ion:188 Resp: 190755
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.6 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion:240 Resp: 120467
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 24.2 20.7 31.1





#78

Terphenyl-d14

Concen: 81.730 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

Instrument :

BNA_F

ClientSampleId :

RT-3026

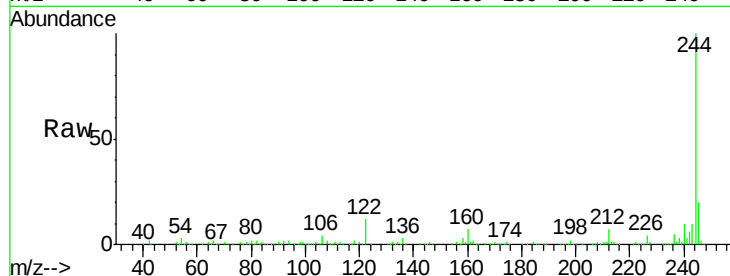
Tot Ion:244 Resp: 450140

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

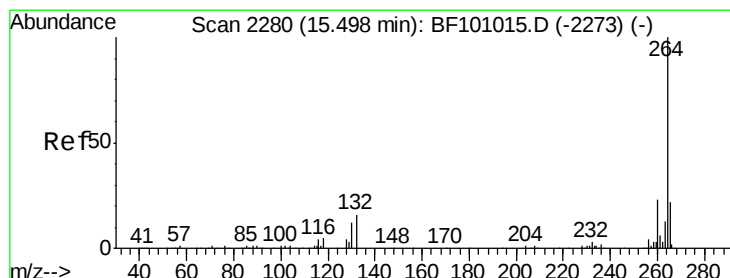
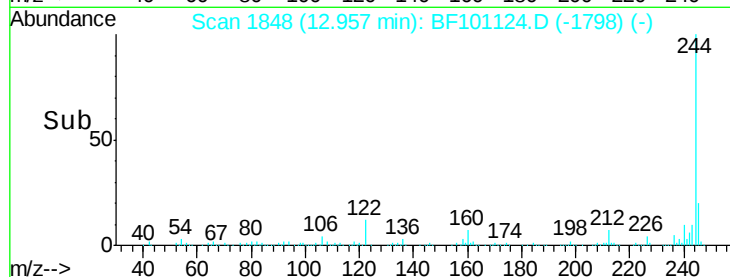
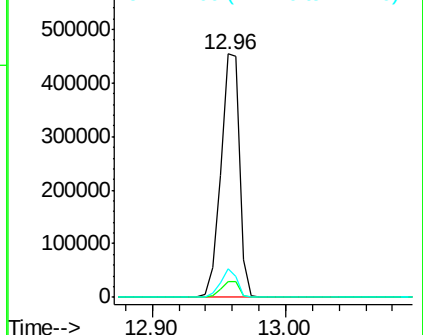
122 11.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

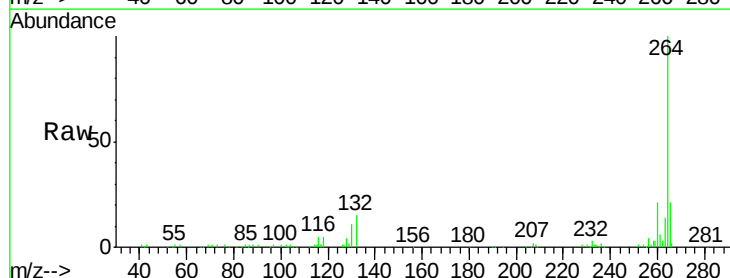
Tgt Ion:264 Resp: 114178

Ion Ratio Lower Upper

264 100

260 21.4 19.2 28.8

265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

