

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095408.D
 Acq On : 25 May 2017 5:05
 Operator : SJ/MA
 Sample : I3317-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-113

Quant Time: May 25 16:28:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

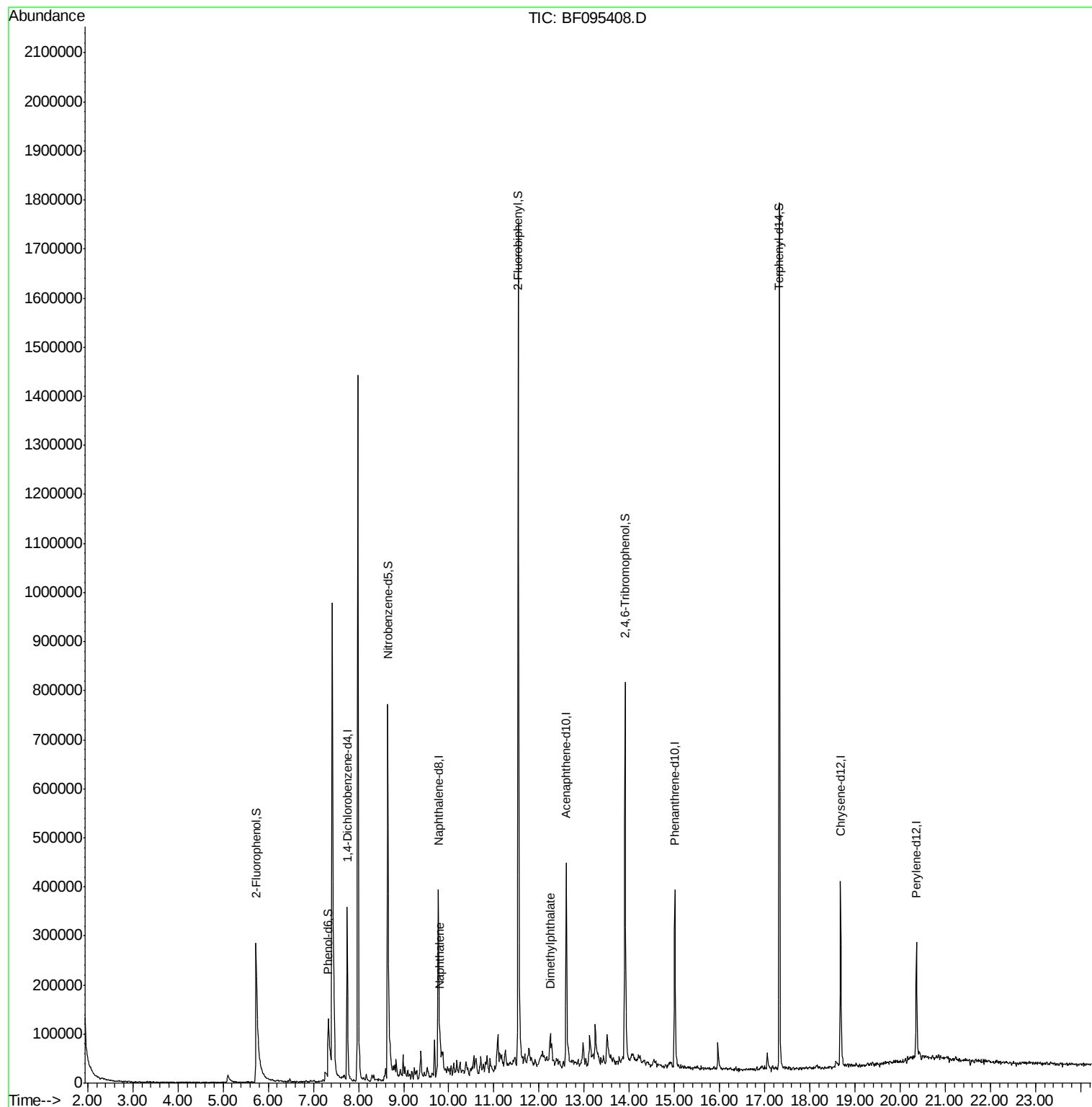
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	83151	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	312234	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	120905	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	203360	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	181274	20.00	ng	-0.01
86) Perylene-d12	20.36	264	118791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	294027	58.95	ng	0.00
7) Phenol-d6	7.33	99	204662	34.20	ng	0.02
23) Nitrobenzene-d5	8.65	82	461832	93.27	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	135292	136.63	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	907391	108.02	ng	-0.02
78) Terphenyl-d14	17.32	244	712792	86.61	ng	-0.02
Target Compounds						
31) Naphthalene	9.81	128	37356	2.38	ng	# 95
49) Dimethylphthalate	12.24	163	33490	3.37	ng	# 94

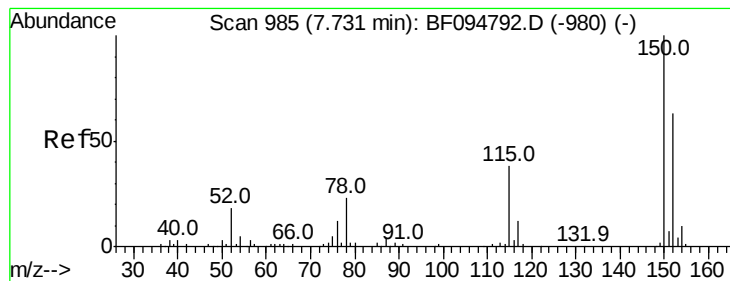
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

RAV-GT-113

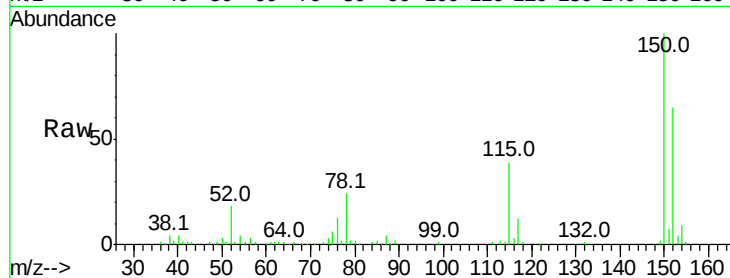
Tot Ion:152 Resp: 83151

Ion Ratio Lower Upper

152 100

150 155.0 126.2 189.2

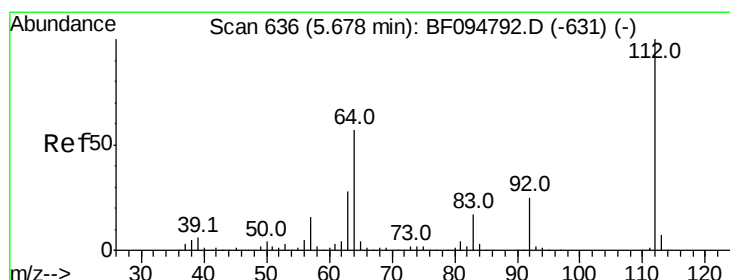
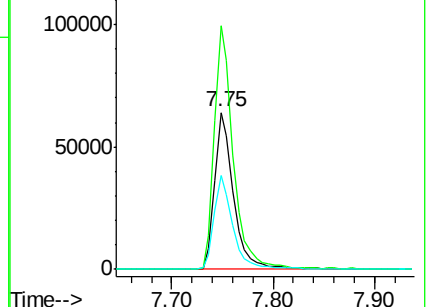
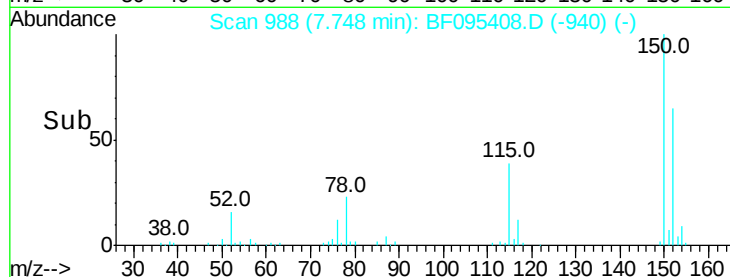
115 59.8 52.2 78.2



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: 58.95 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

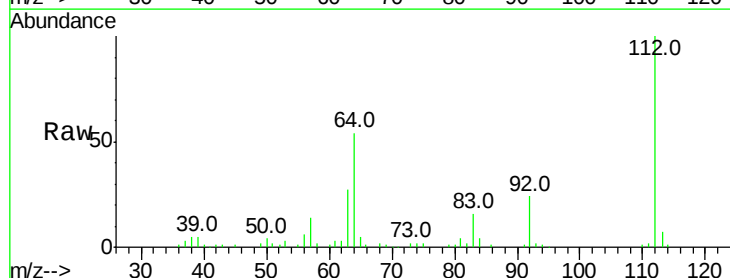
Tgt Ion:112 Resp: 294027

Ion Ratio Lower Upper

112 100

64 53.8 46.0 69.0

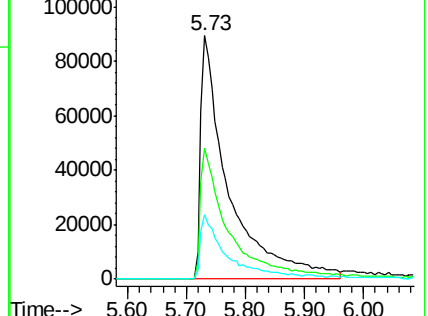
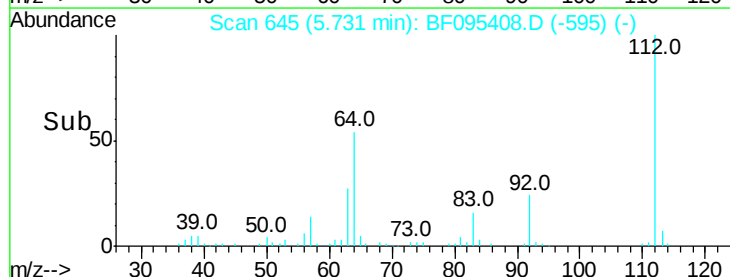
63 26.6 23.4 35.0



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: 34.20 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

RAV-GT-113

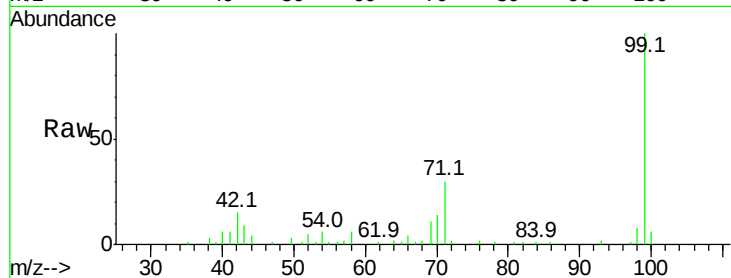
Tot Ion: 99 Resp: 204662

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

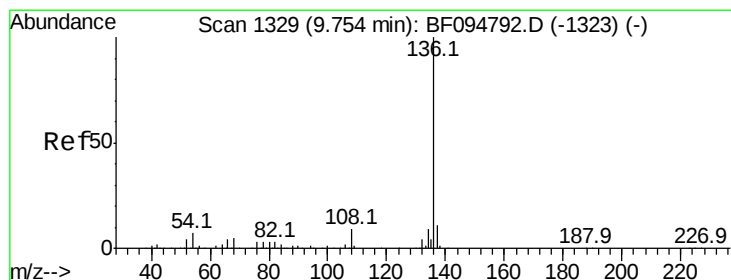
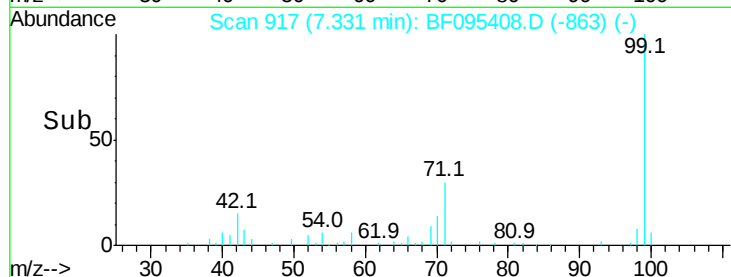
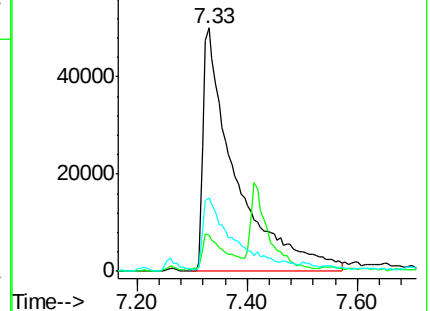
71 30.1 24.5 36.7



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: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Tgt Ion: 136 Resp: 312234

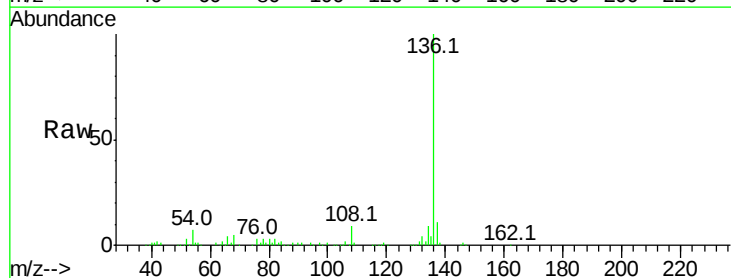
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.7 4.9 7.3

68 5.1 4.1 6.1

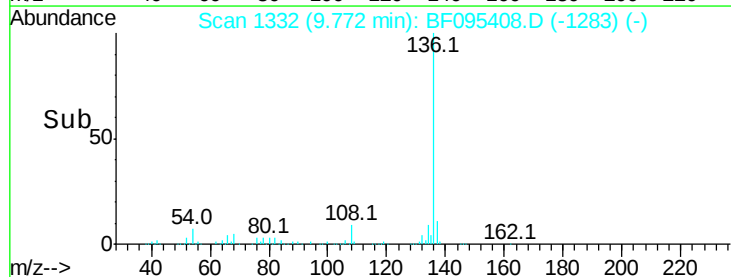
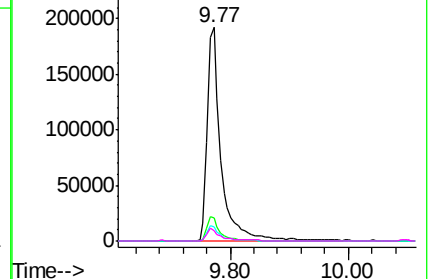


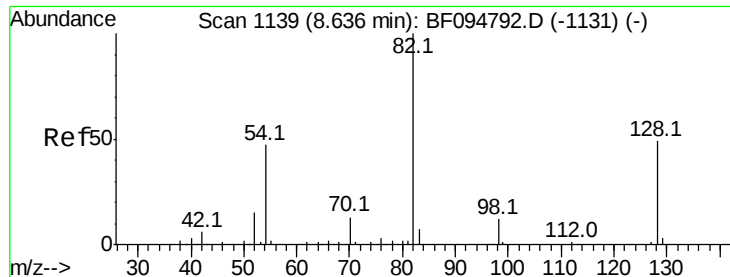
Abundance Ion 136.00 (135.70 to 136.70): E

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

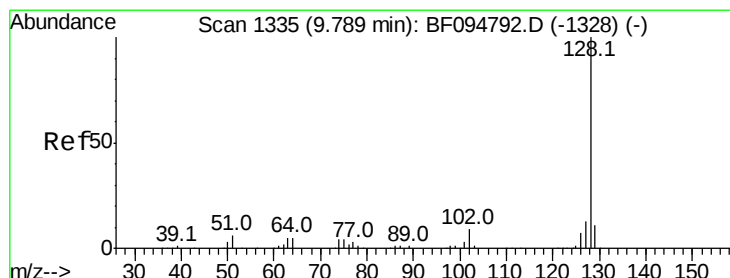
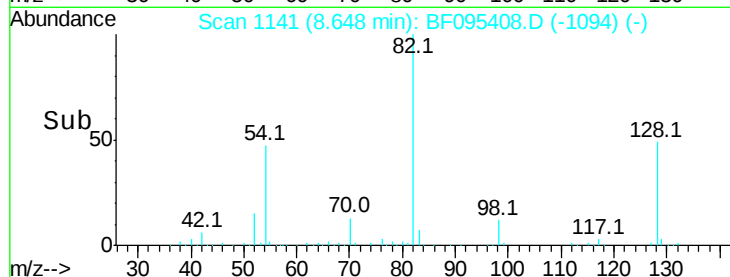
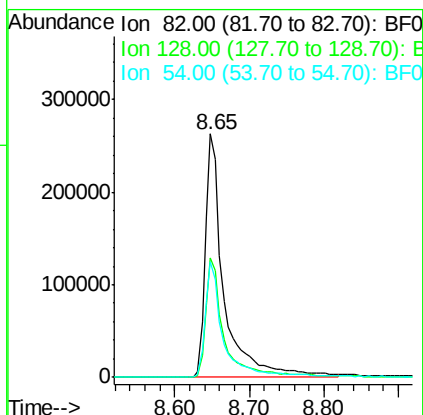
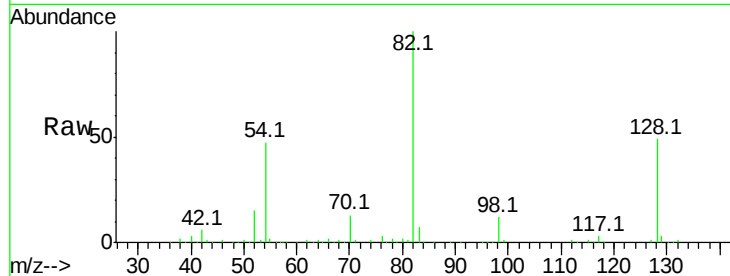




#23
Nitrobenzene-d5
Concen: 93.27 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

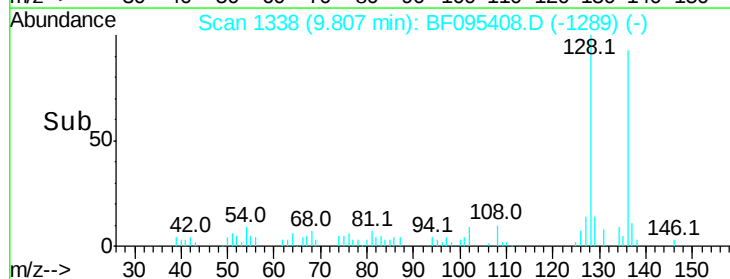
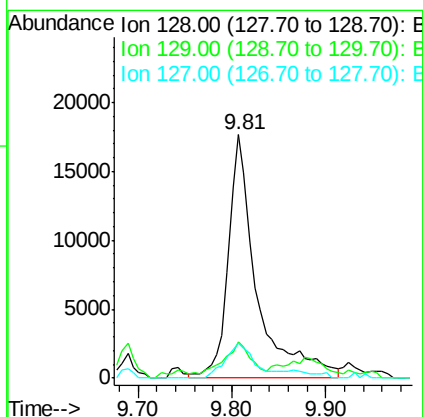
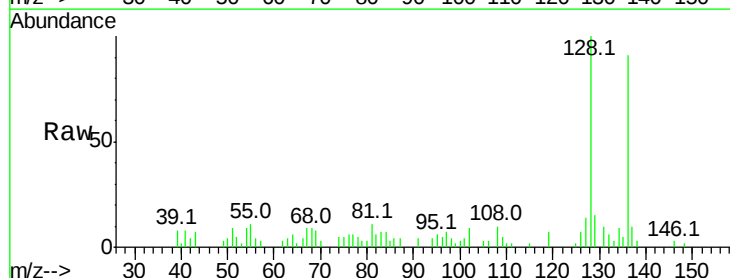
Instrument :
BNA_F
ClientSampleId :
RAV-GT-113

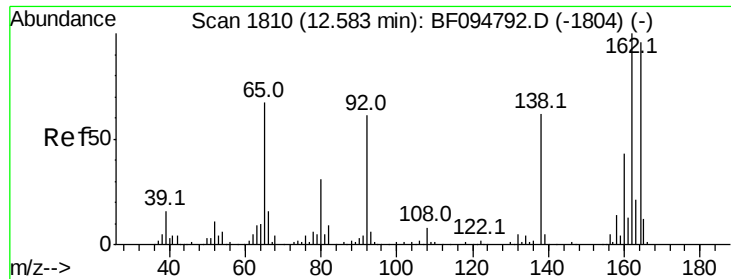
Tot Ion: 82 Resp: 461832
Ion Ratio Lower Upper
82 100
128 49.1 34.0 51.0
54 47.3 42.2 63.2



#31
Naphthalene
Concen: 2.38 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

Tgt Ion: 128 Resp: 37356
Ion Ratio Lower Upper
128 100
129 15.0 9.0 13.6#
127 14.2 10.8 16.2

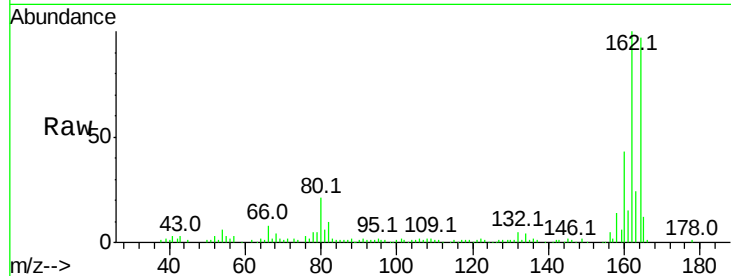




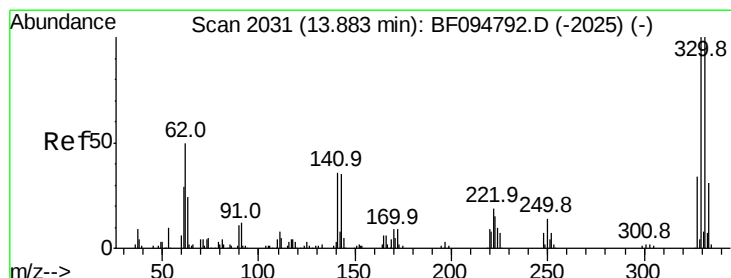
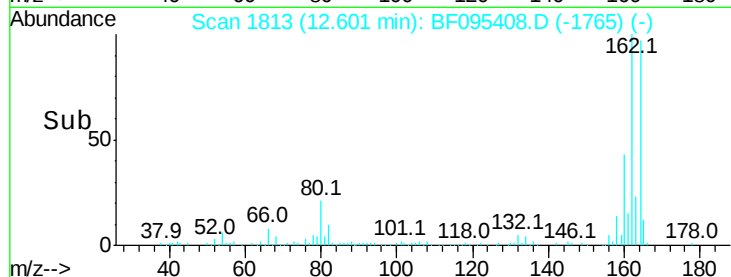
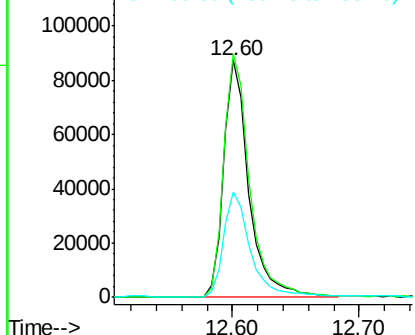
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT-113

Tot Ion:164 Resp: 120905
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 44.5 36.2 54.2

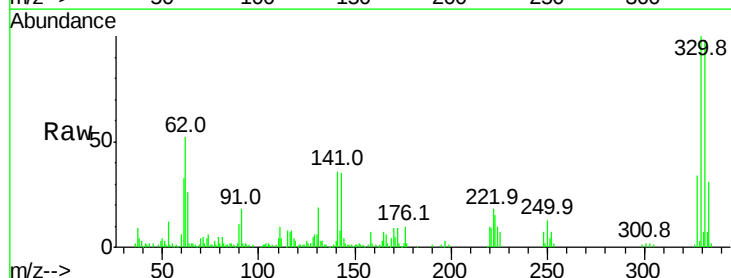


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

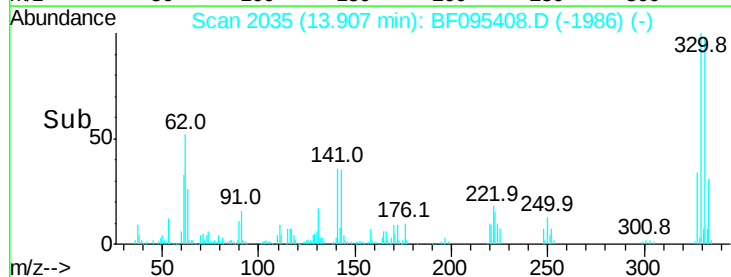
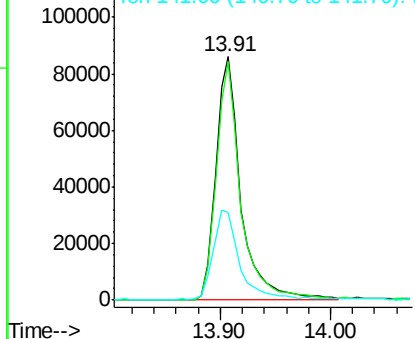


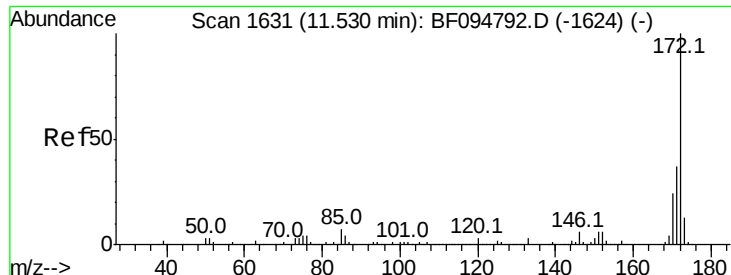
#41
2,4,6-Tribromophenol
Concen: 136.63 ng
RT: 13.91 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

Tgt Ion:330 Resp: 135292
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 40.3 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

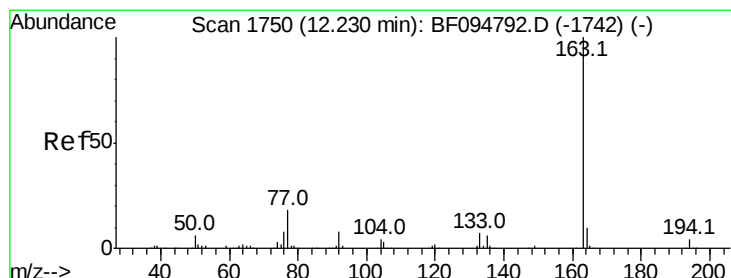
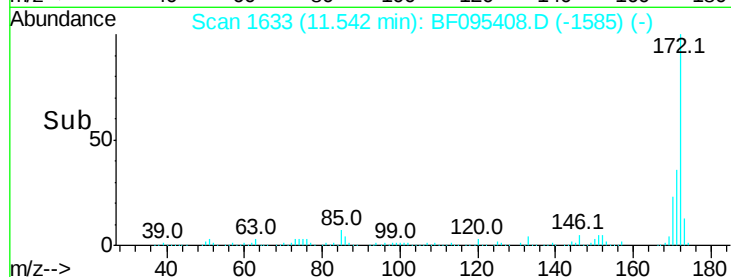
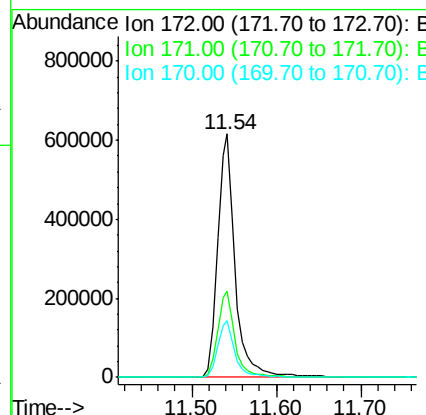
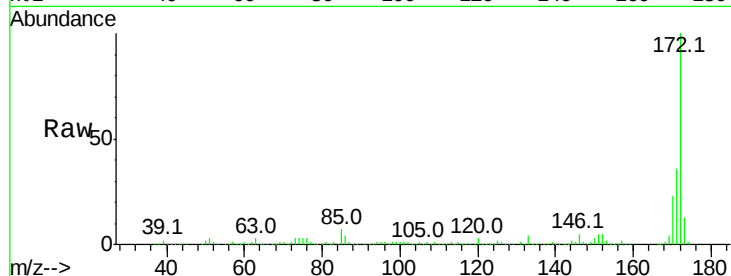




#44
2-Fluorobiphenyl
Concen: 108.02 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

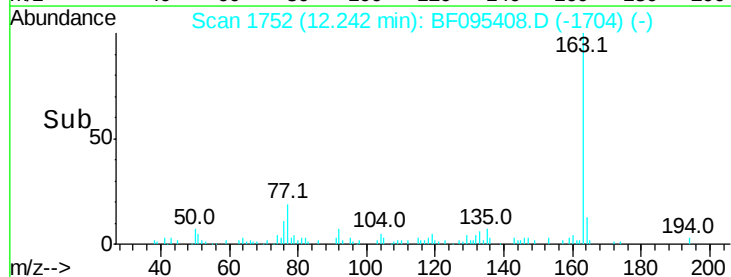
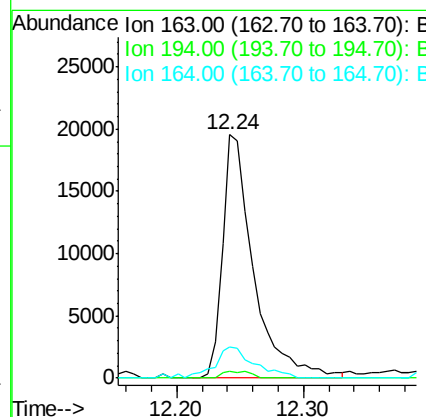
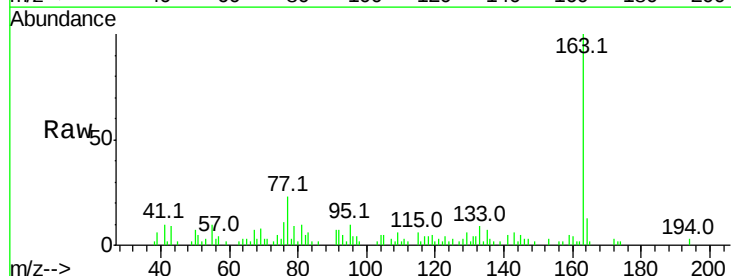
Instrument :
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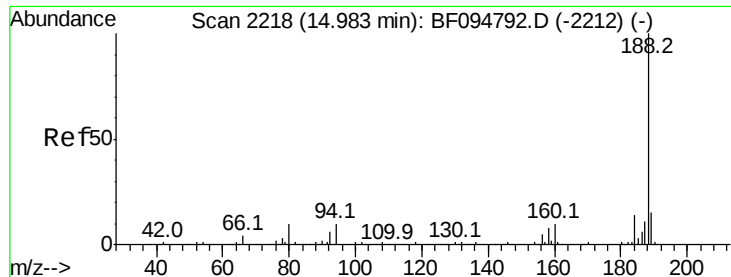
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.2	19.8	29.8



#49
Dimethylphthalate
Concen: 3.37 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.6	4.0#
164	13.0	8.4	12.6#

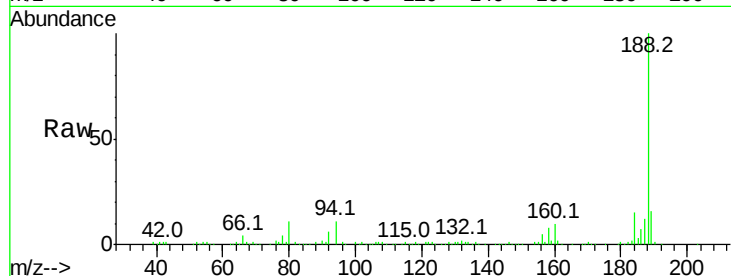




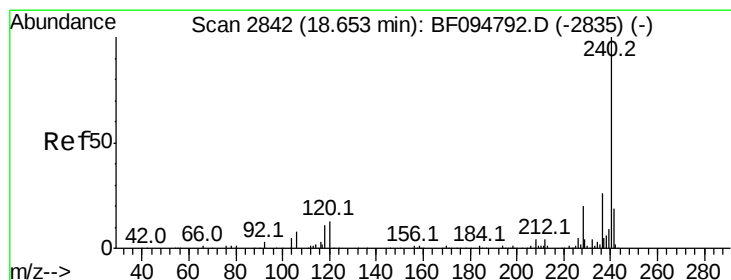
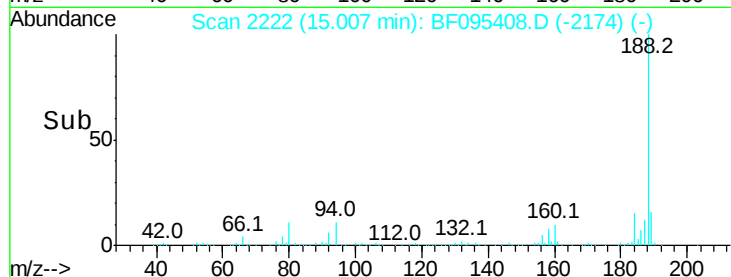
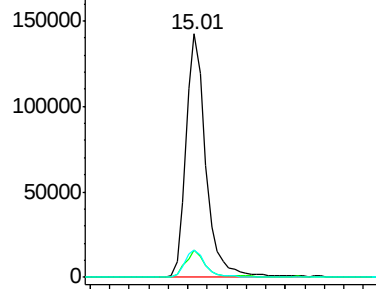
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT-113

Tot Ion:188 Resp: 203360
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.4 10.2 15.2

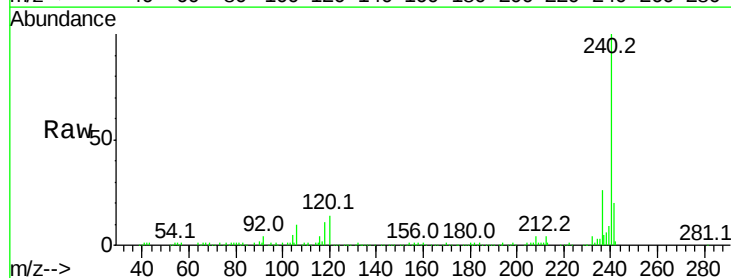


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

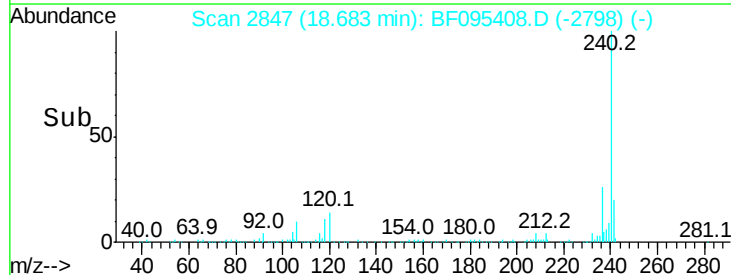
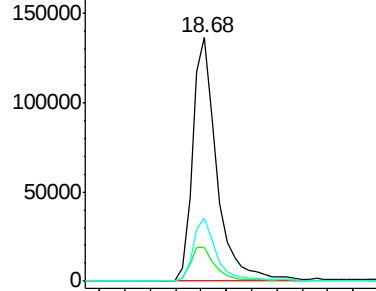


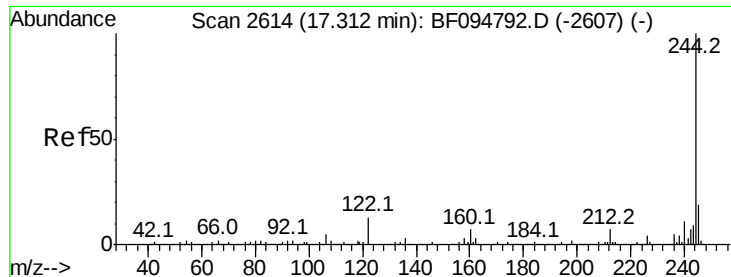
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095408.D
Acq: 25 May 2017 5:05

Tgt Ion:240 Resp: 181274
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.0 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: 86.61 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

RAV-GT-113

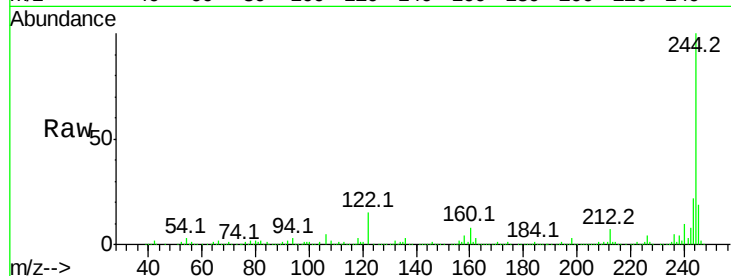
Tot Ion:244 Resp: 712792

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

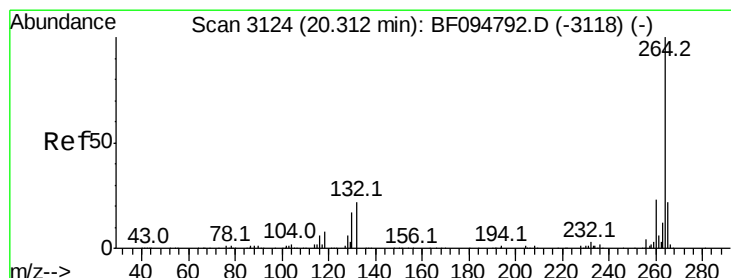
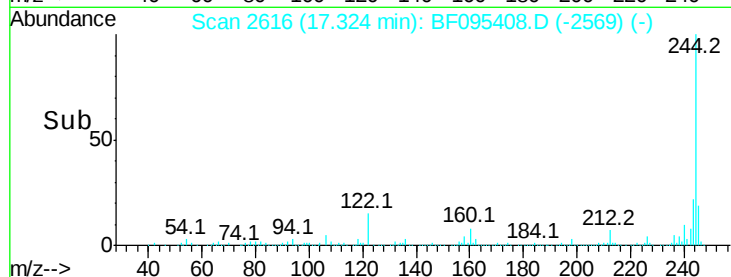
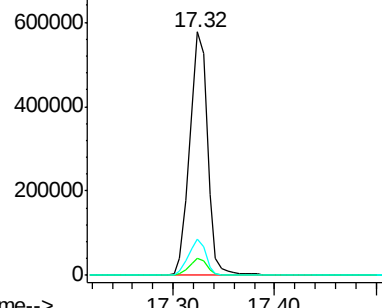
122 14.8 10.3 15.5



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: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BF095408.D

Acq: 25 May 2017 5:05

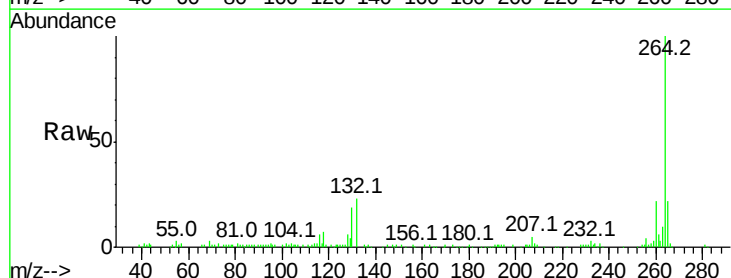
Tgt Ion:264 Resp: 118791

Ion Ratio Lower Upper

264 100

260 22.0 19.5 29.3

265 21.6 17.2 25.8



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

