

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092395.D
 Acq On : 21 Jan 2017 4:05
 Operator : UM/SJ
 Sample : I1266-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Jan 21 04:46:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

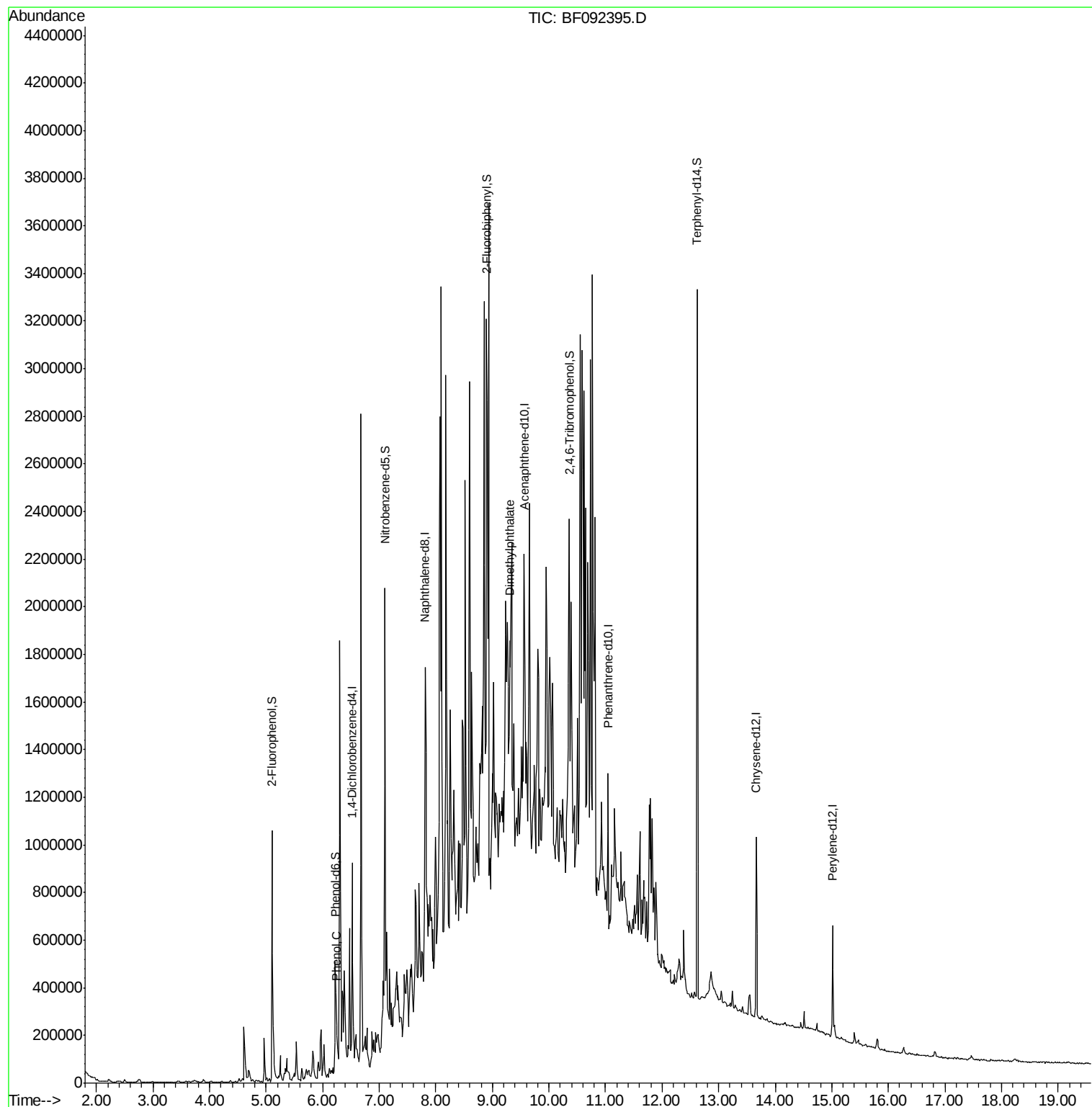
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	118081	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	440402	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	190087	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	279186	20.00	ng	0.01
75) Chrysene-d12	13.66	240	303155	20.00	ng	0.00
86) Perylene-d12	15.01	264	213548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	428968	60.66	ng	0.01
7) Phenol-d6	6.22	99	291225	33.73	ng	0.03
23) Nitrobenzene-d5	7.10	82	742742	93.78	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	173233	110.12	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	1050777	118.32	ng	0.00
78) Terphenyl-d14	12.62	244	978800	78.30	ng	0.00
Target Compounds						
10) Phenol	6.24	94	48048	4.88	ng	Qvalue 85
49) Dimethylphthalate	9.31	163	68910	5.67	ng	# 83

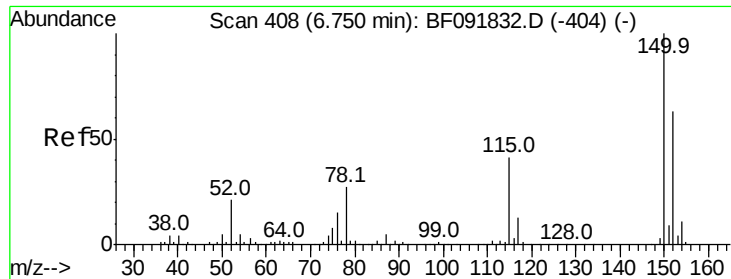
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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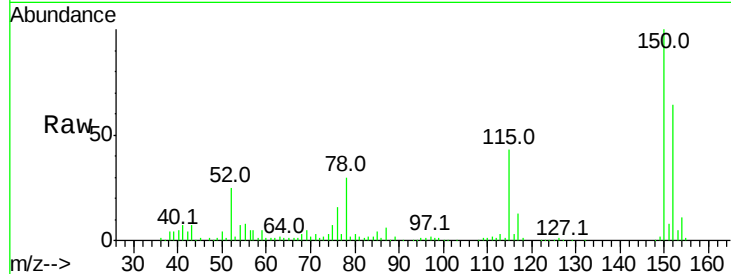


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF092395.D
 Acq: 21 Jan 2017 4:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	66.5	46.0	69.0

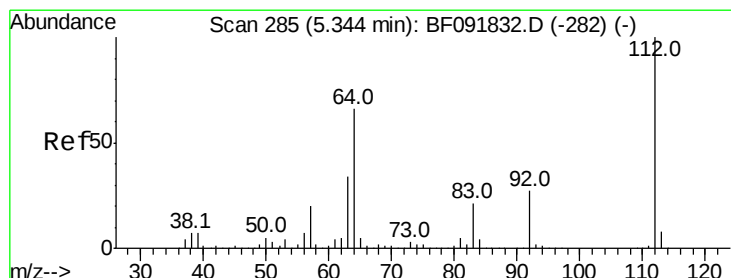
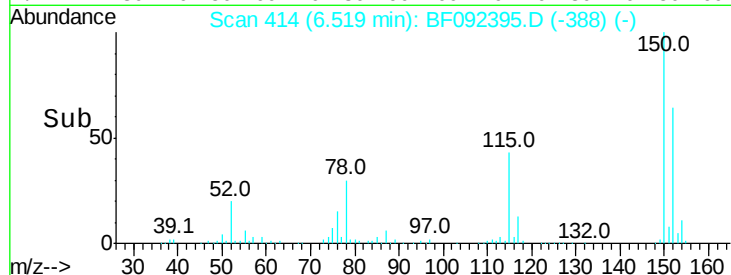
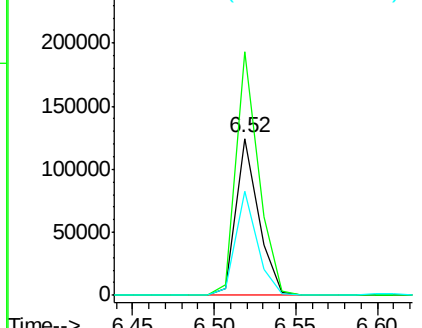


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

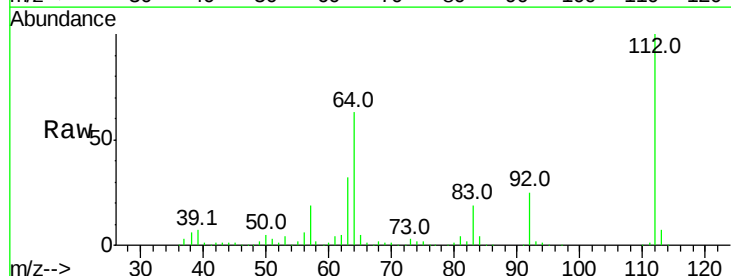
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 60.66 ng
 RT: 5.10 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF092395.D
 Acq: 21 Jan 2017 4:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	46.1	69.1
63	32.1	23.8	35.6

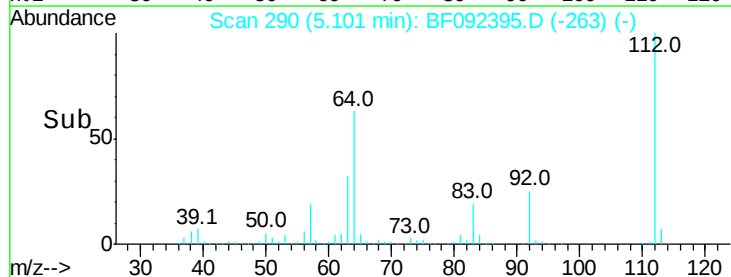
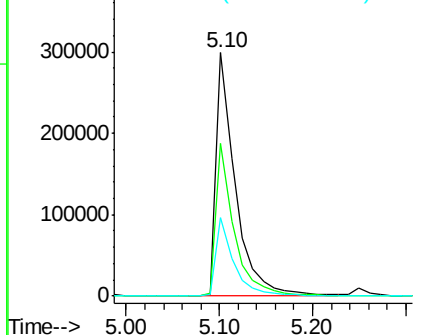


Abundance

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: 33.73 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.03 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

Instrument :

BNA_F

ClientSampled :

MW-11

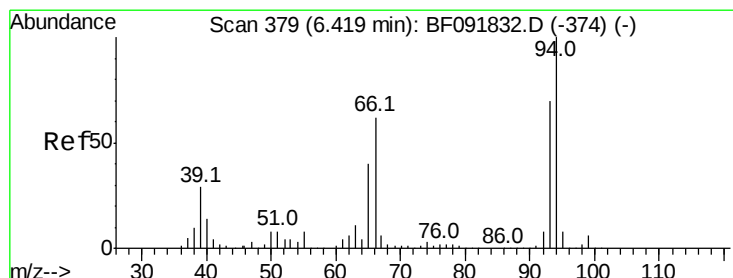
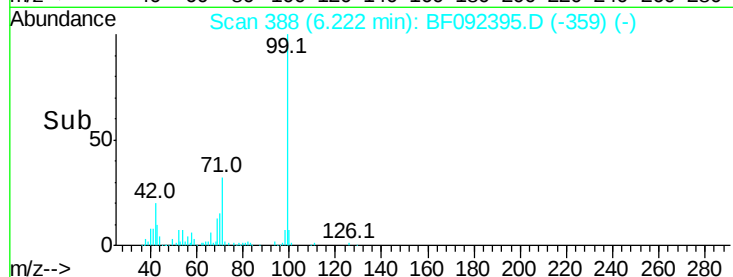
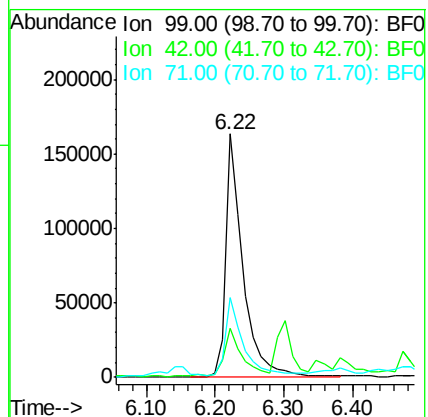
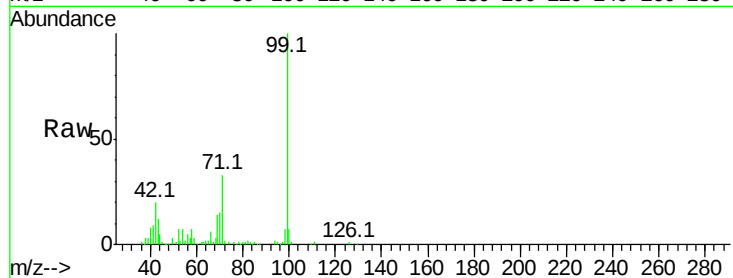
Tot Ion: 99 Resp: 291225

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 33.0 27.5 41.3



#10

Phenol

Concen: 4.88 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.05 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

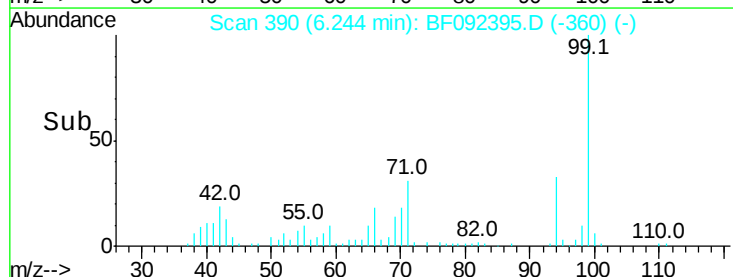
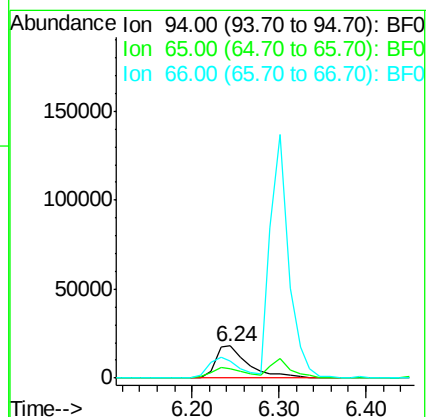
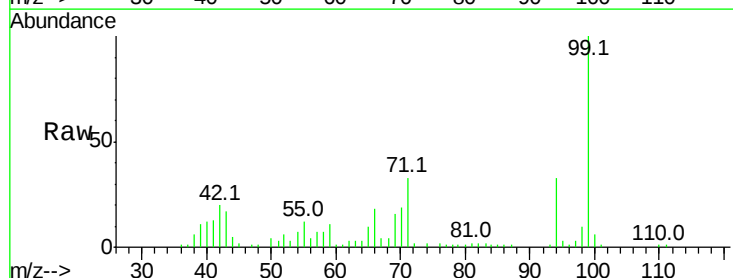
Tgt Ion: 94 Resp: 48048

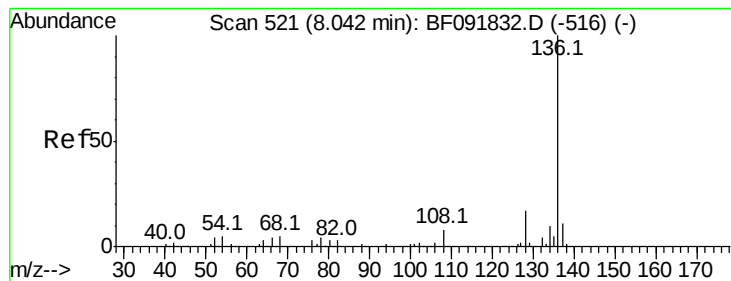
Ion Ratio Lower Upper

94 100

65 31.1 21.4 61.4

66 53.1 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

Instrument :

BNA_F

ClientSampleId :

MW-11

Tot Ion:136 Resp: 440402

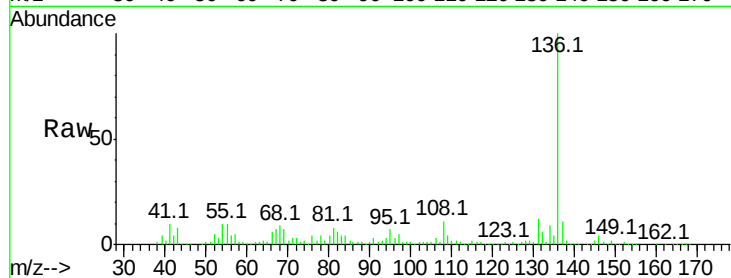
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.5 4.5 6.7#

68 9.0 3.6 5.4#

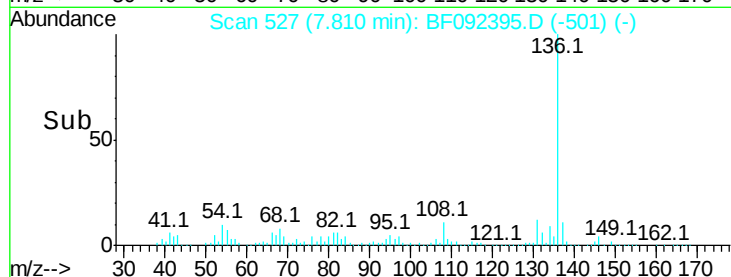


Abundance Ion 136.00 (135.70 to 136.70): E

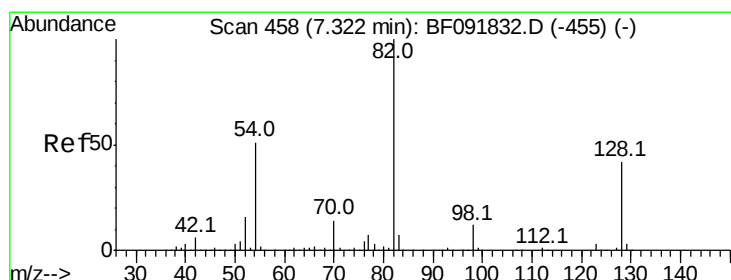
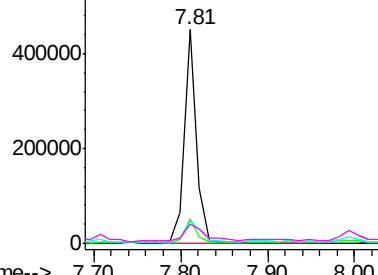
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.78 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

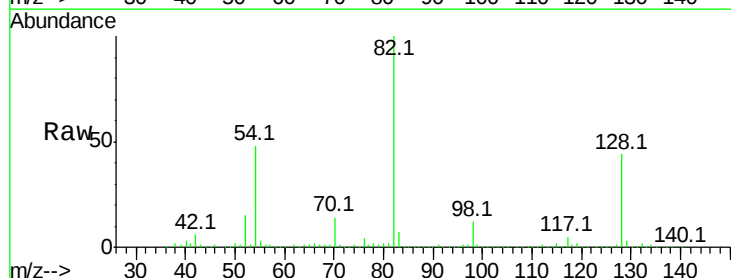
Tgt Ion: 82 Resp: 742742

Ion Ratio Lower Upper

82 100

128 44.4 34.6 52.0

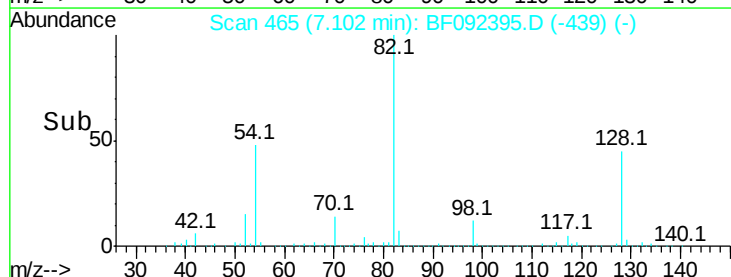
54 47.8 39.5 59.3



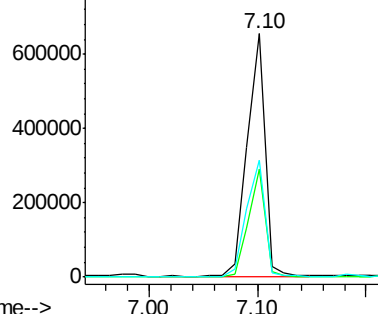
Abundance Ion 82.00 (81.70 to 82.70): BF0

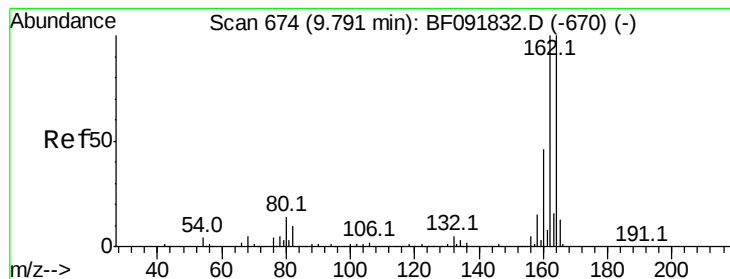
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

Instrument :

BNA_F

ClientSampleId :

MW-11

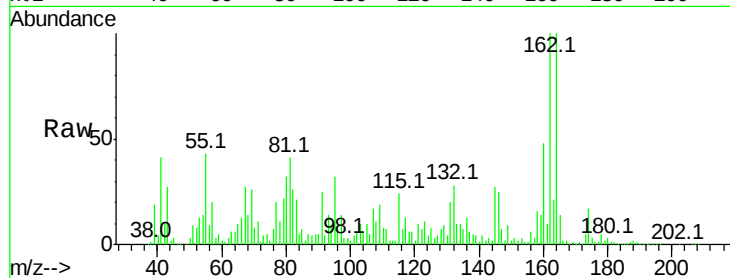
Tot Ion:164 Resp: 190087

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

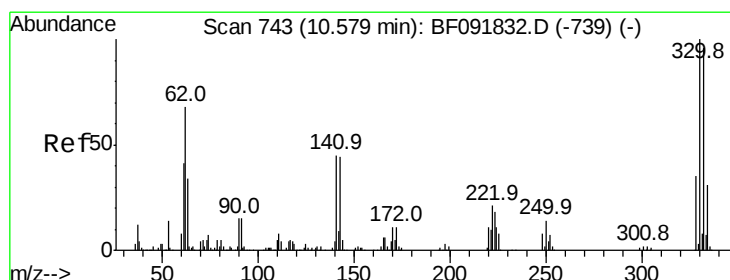
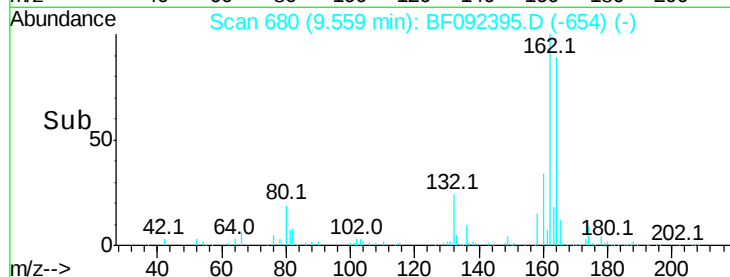
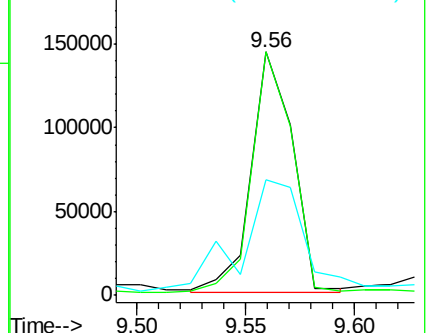
160 47.6 36.9 55.3



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: 110.12 ng

RT: 10.36 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

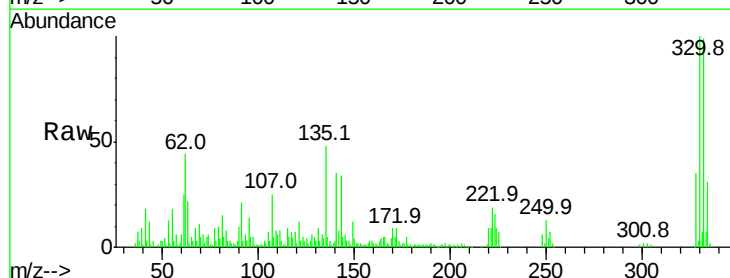
Tgt Ion:330 Resp: 173233

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

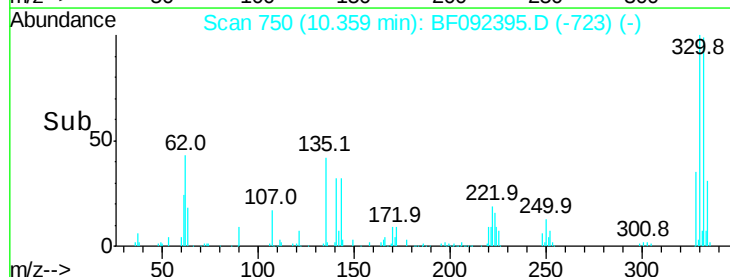
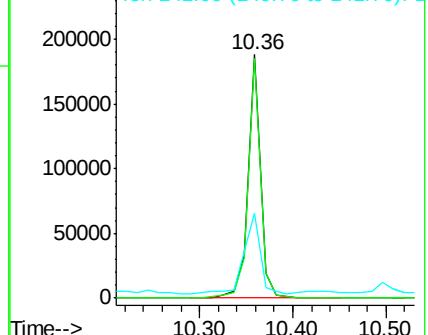
141 44.1 34.1 51.1

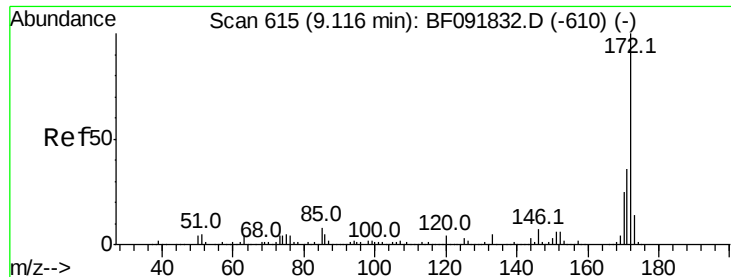


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

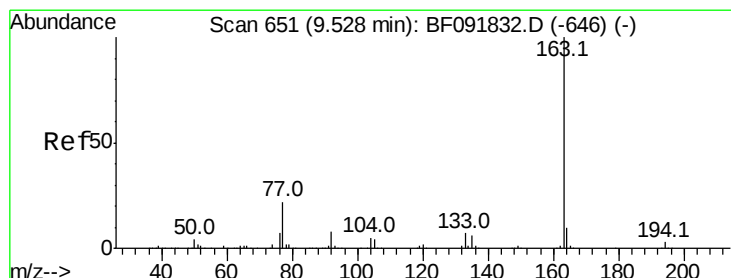
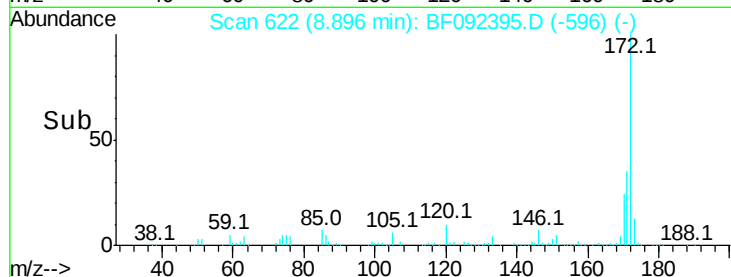
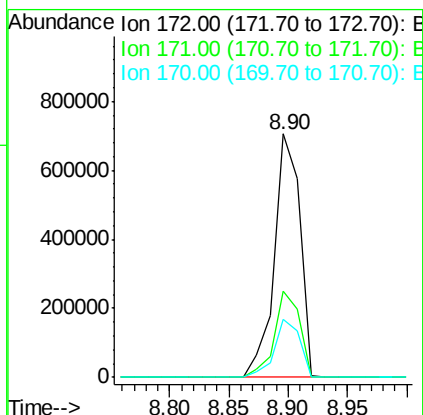
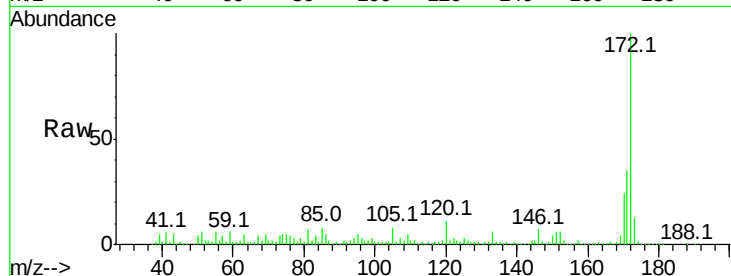




#44
2-Fluorobiphenyl
Concen: 118.32 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF092395.D
Acq: 21 Jan 2017 4:05

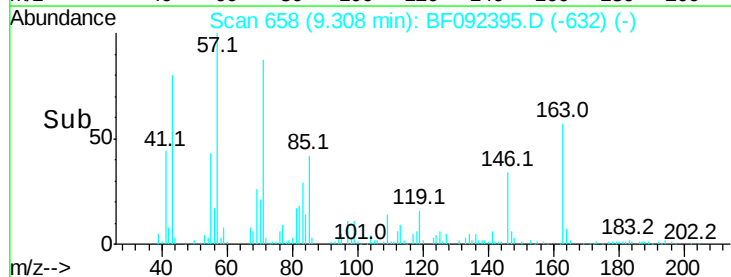
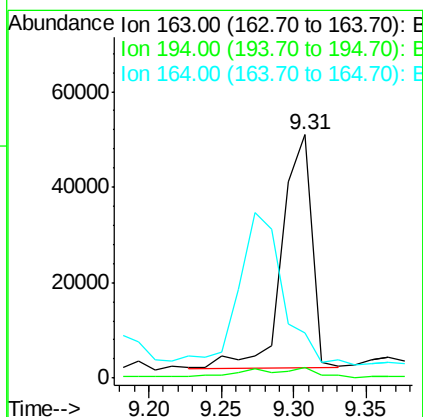
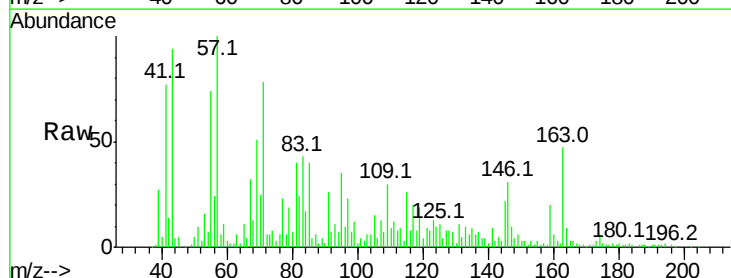
Instrument :
BNA_F
ClientSampleId :
MW-11

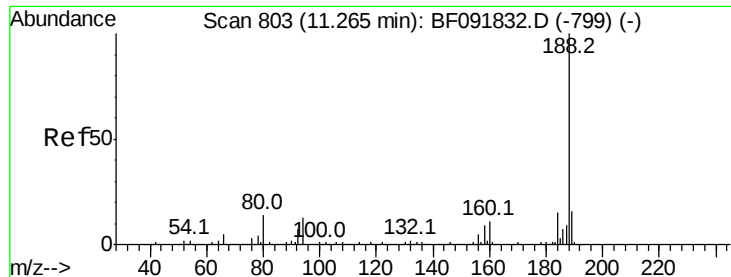
Tot Ion:172 Resp: 1050777
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.6 20.2 30.4



#49
Dimethylphthalate
Concen: 5.67 ng
RT: 9.31 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF092395.D
Acq: 21 Jan 2017 4:05

Tgt Ion:163 Resp: 68910
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 18.3 8.0 12.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

Instrument :

BNA_F

ClientSampleId :

MW-11

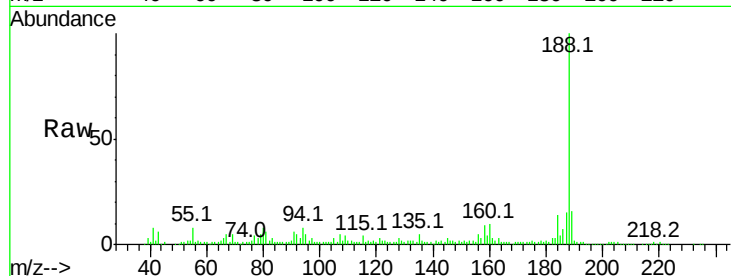
Tot Ion:188 Resp: 279186

Ion Ratio Lower Upper

188 100

94 8.1 10.0 15.0#

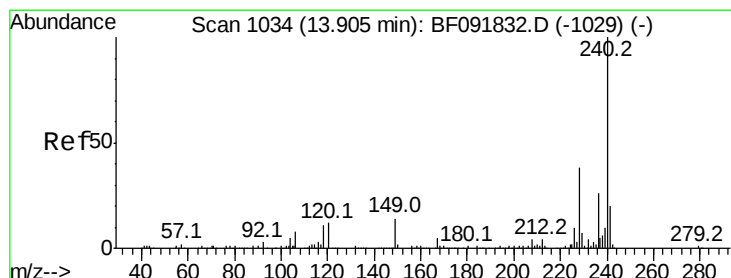
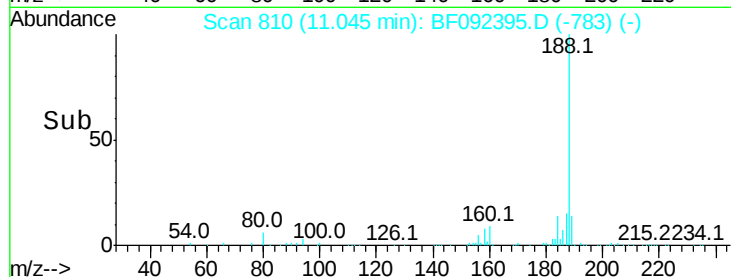
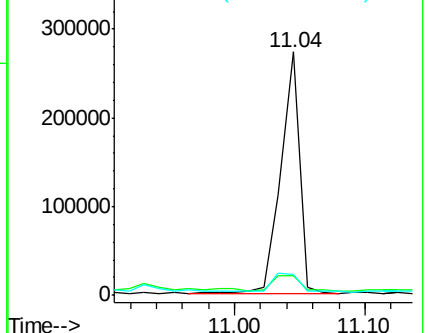
80 8.3 11.2 16.8#



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: 13.66 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

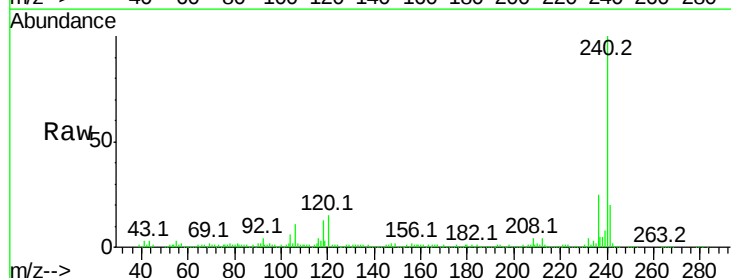
Tgt Ion:240 Resp: 303155

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

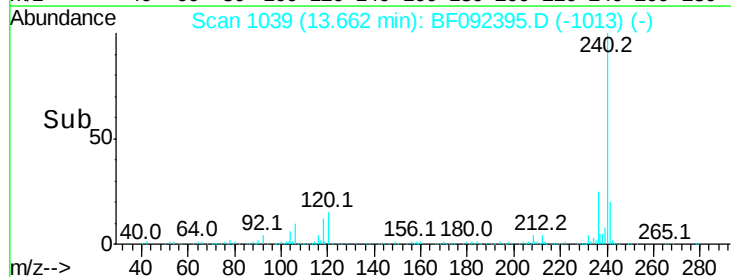
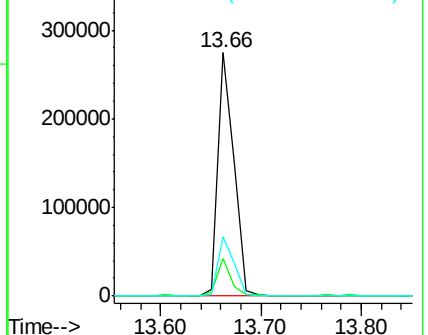
236 24.5 20.9 31.3

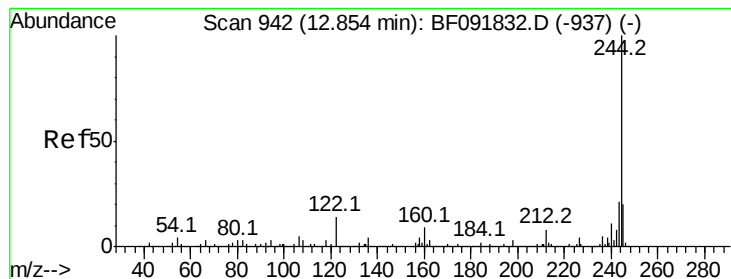


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.30 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

Instrument :

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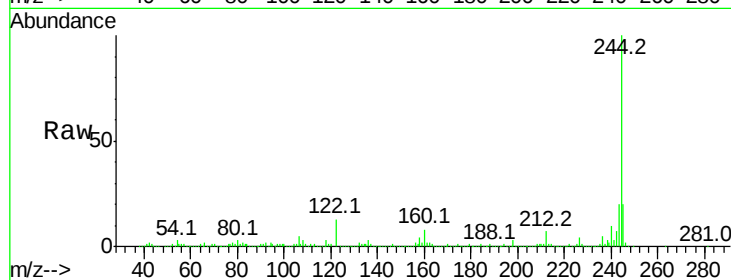
Tot Ion:244 Resp: 978800

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

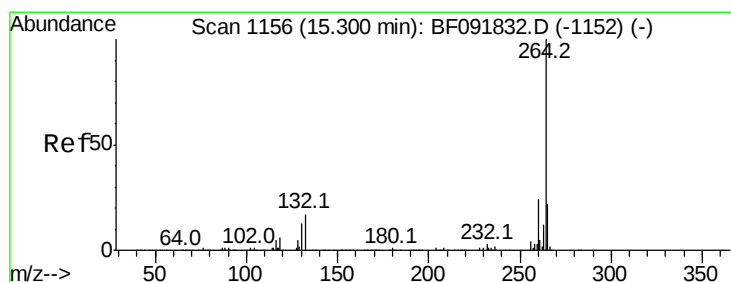
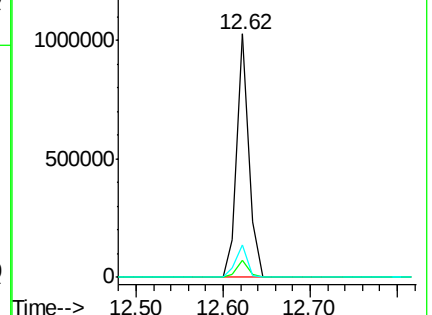
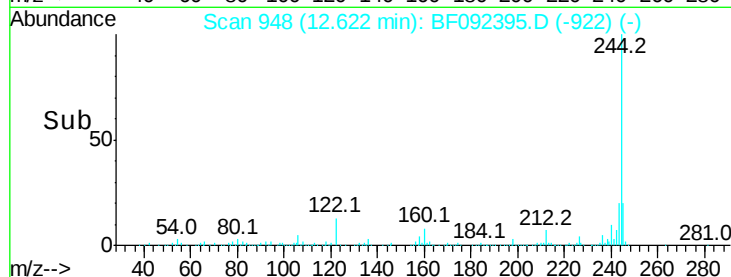
122 13.2 11.4 17.2



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: 15.01 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF092395.D

Acq: 21 Jan 2017 4:05

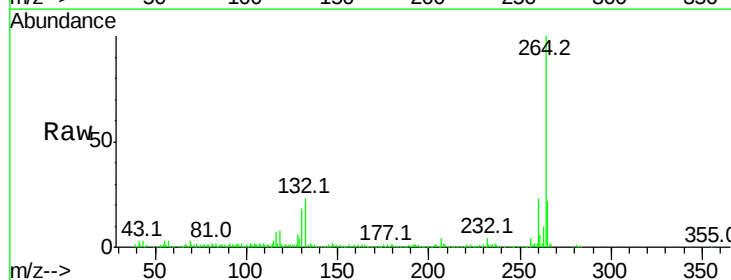
Tgt Ion:264 Resp: 213548

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 22.1 17.4 26.0



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

