

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110839.D
 Acq On : 17 Nov 2018 2:26
 Operator : JU/SJ
 Sample : J5967-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-14

Quant Time: Nov 17 03:52:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

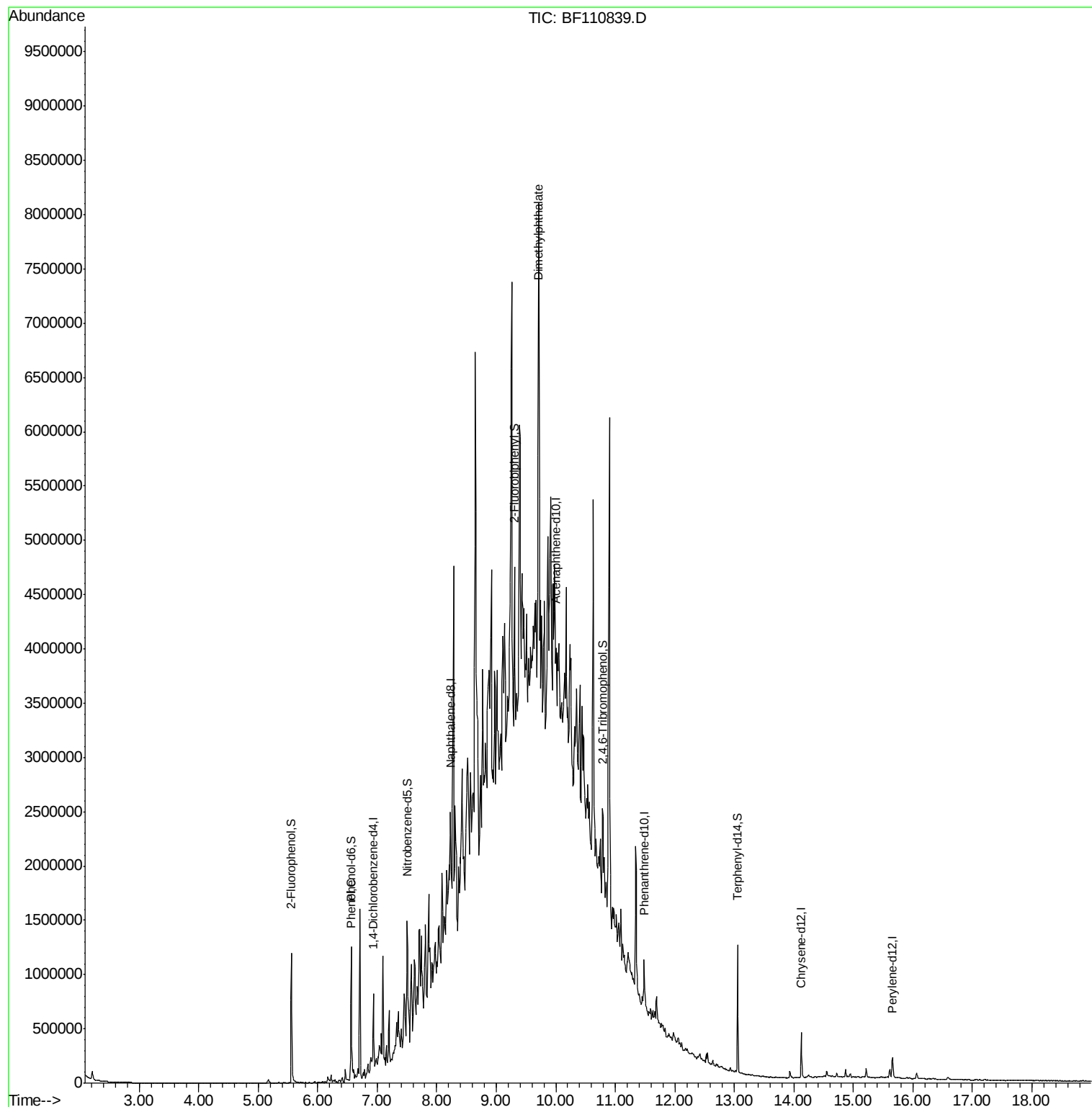
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57647	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	202026	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	87351	20.00	ng	0.01
64) Phenanthrene-d10	11.49	188	153856	20.00	ng	0.00
76) Chrysene-d12	14.13	240	143354	20.00	ng	-0.01
87) Perylene-d12	15.66	264	93984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	349921	98.60	ng	0.00
7) Phenol-d6	6.56	99	440611	97.09	ng	-0.01
23) Nitrobenzene-d5	7.50	82	259086	73.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	75966	86.31	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	378565	61.90	ng	0.00
79) Terphenyl-d14	13.06	244	360529	47.10	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	26689	5.072	ng	# 77
50) Dimethylphthalate	9.70	163	92385	14.174	ng	# 73

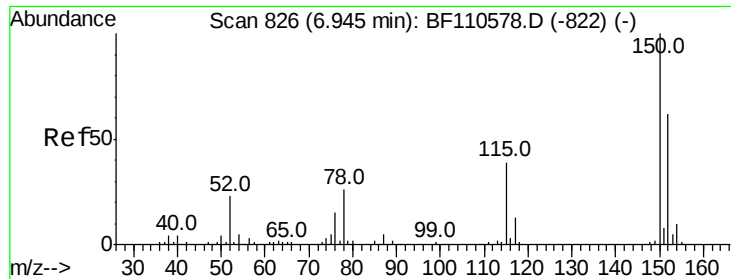
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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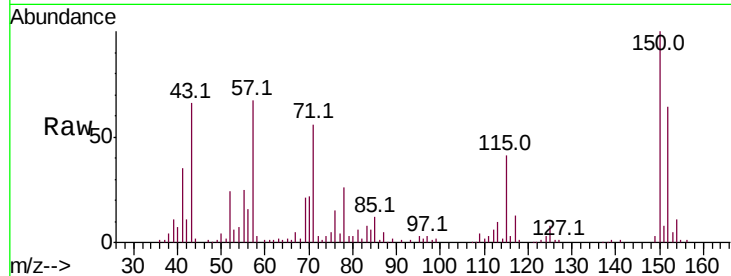


#1

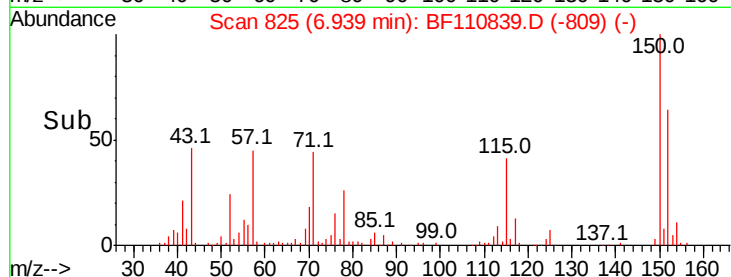
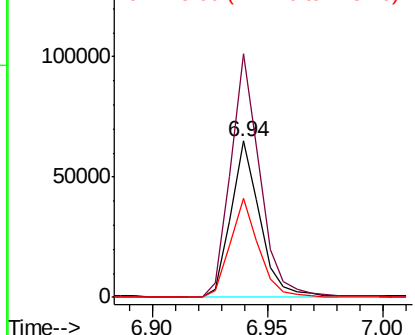
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110839.D
 Acq: 17 Nov 2018 2:26

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-14

Tot Ion:152 Resp: 57647
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.7 184.1
 115 63.6 49.1 73.7



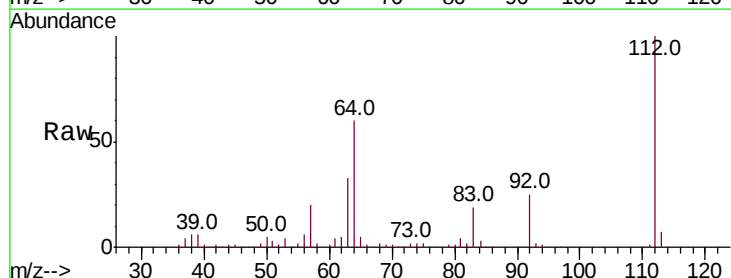
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



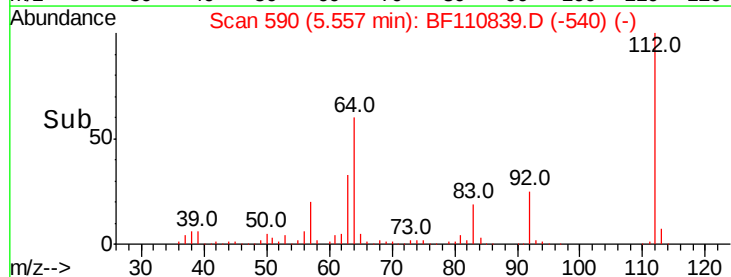
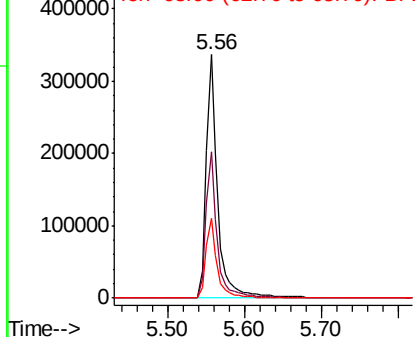
#5

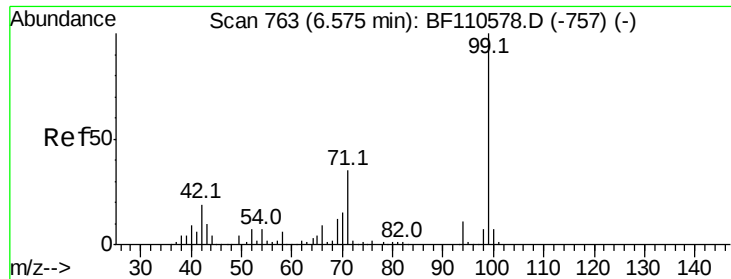
2-Fluorophenol
 Concen: 98.597 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110839.D
 Acq: 17 Nov 2018 2:26

Tgt Ion:112 Resp: 349921
 Ion Ratio Lower Upper
 112 100
 64 60.0 44.1 66.1
 63 33.0 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: 97.087 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

Instrument :

BNA_F

ClientSampleId :

FDSB-14

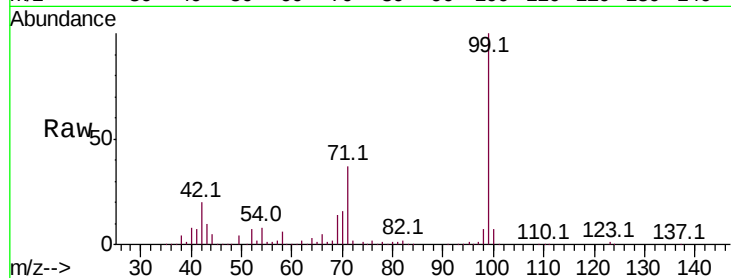
Tot Ion: 99 Resp: 440611

Ion Ratio Lower Upper

99 100

42 20.3 15.8 23.6

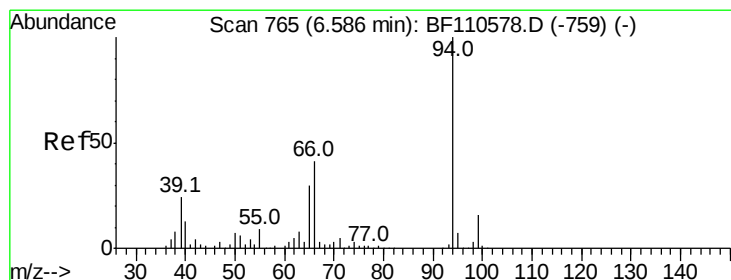
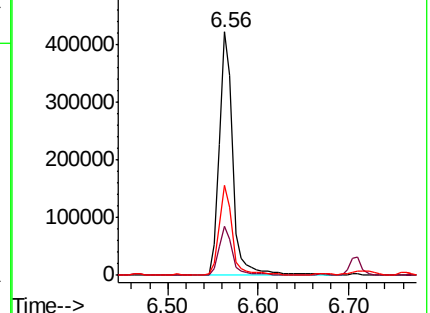
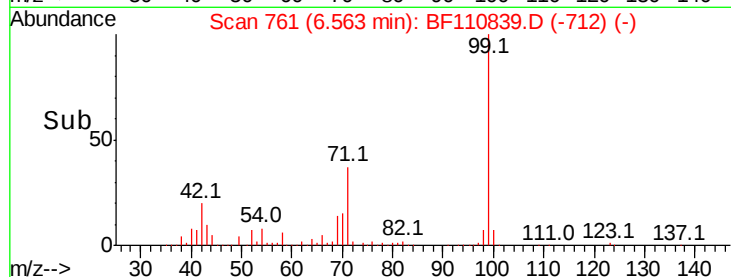
71 36.9 28.0 42.0



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: 5.072 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

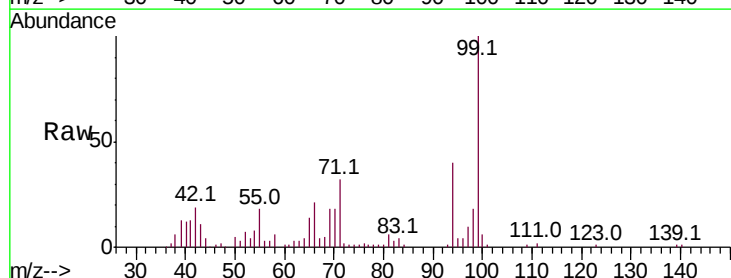
Tgt Ion: 94 Resp: 26689

Ion Ratio Lower Upper

94 100

65 34.2 25.3 65.3

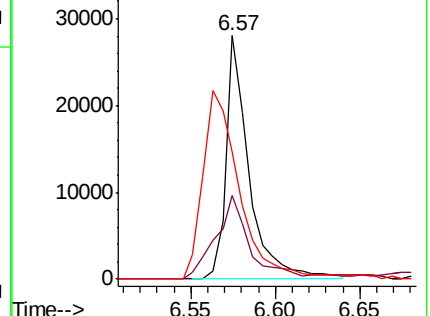
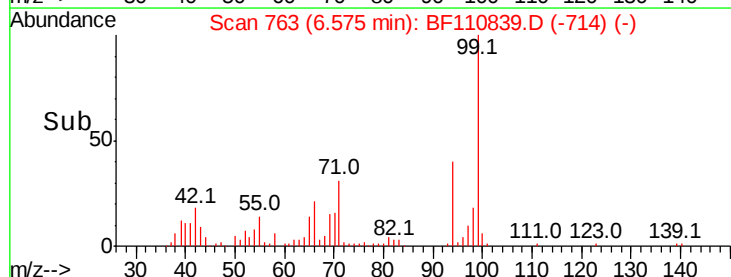
66 52.4 54.5 94.5#

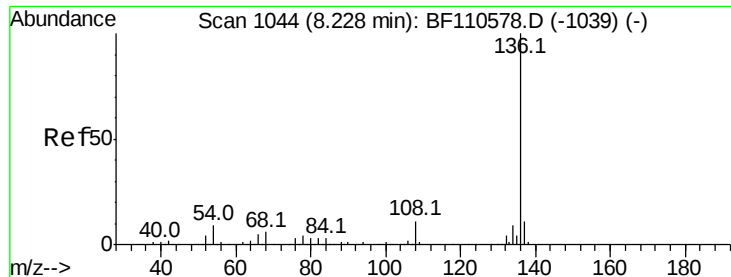


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

Instrument :

BNA_F

ClientSampleId :

FDSB-14

Tot Ion:136 Resp: 202026

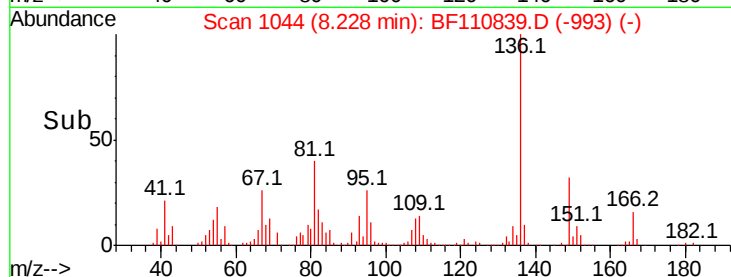
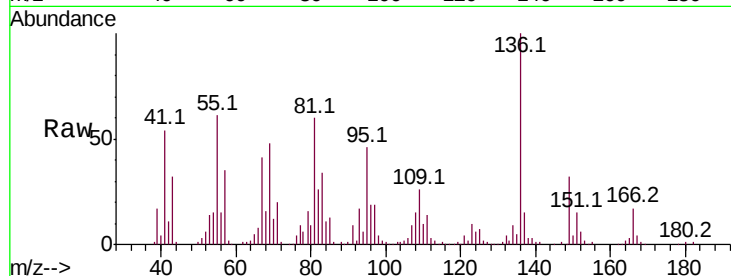
Ion Ratio Lower Upper

136 100

137 14.8 8.8 13.2#

54 15.3 5.4 8.2#

68 15.5 4.2 6.2#

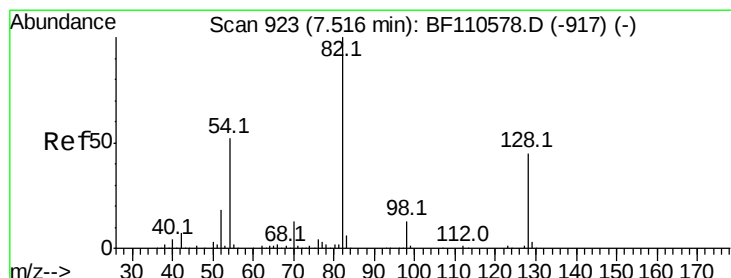
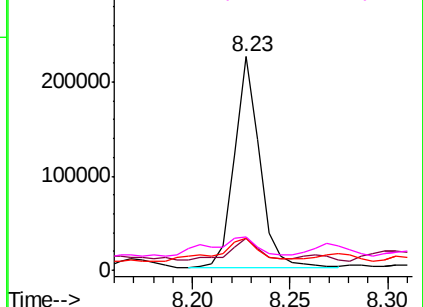


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.855 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

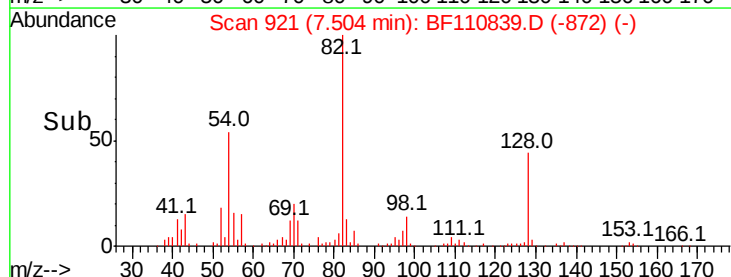
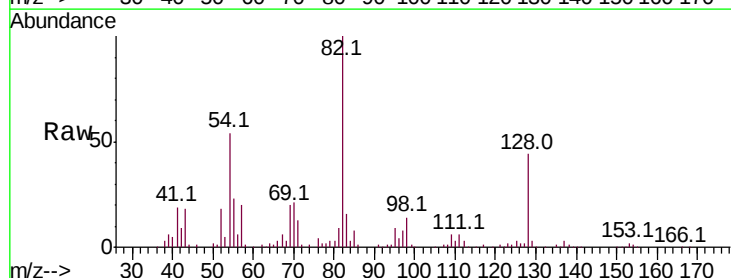
Tgt Ion: 82 Resp: 259086

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.2

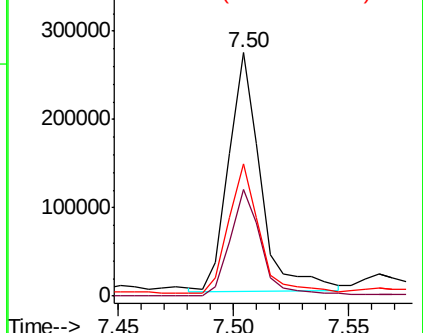
54 54.2 38.6 58.0

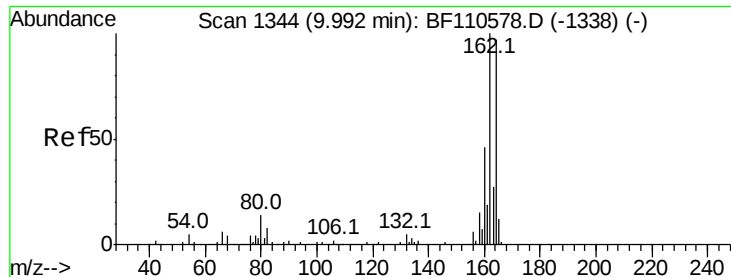


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

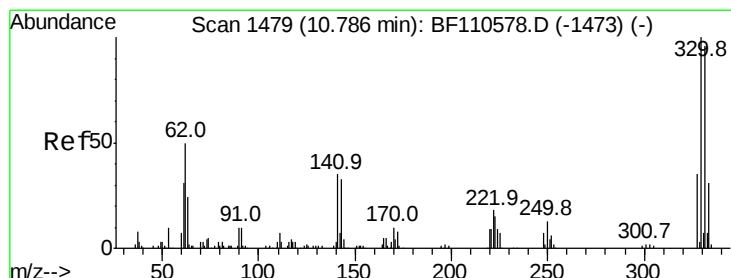
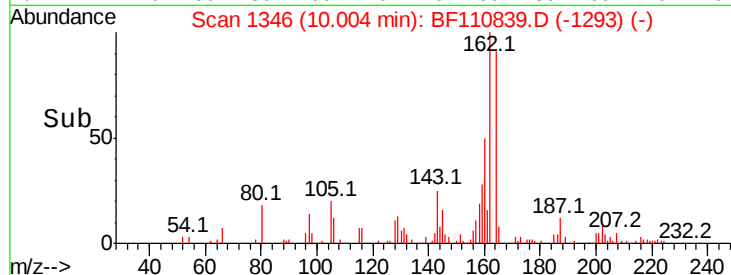
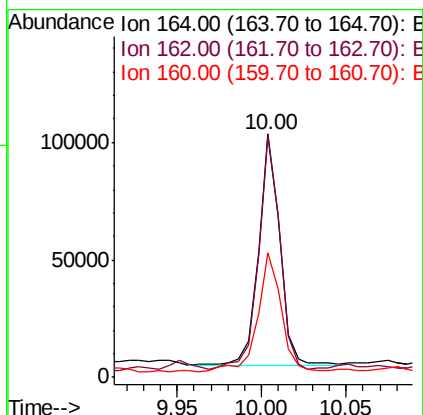
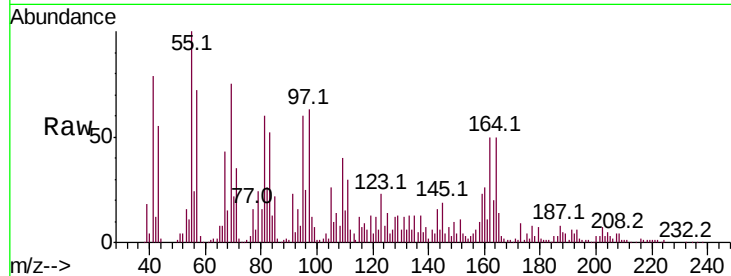




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

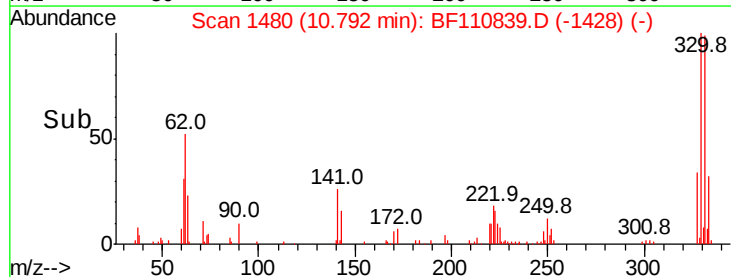
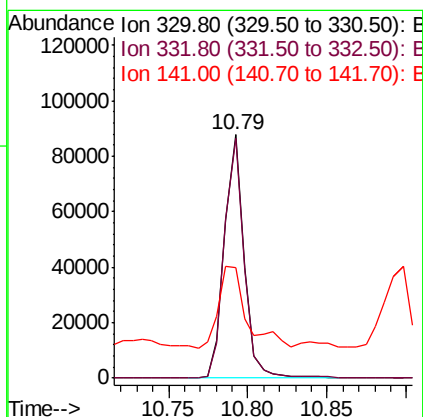
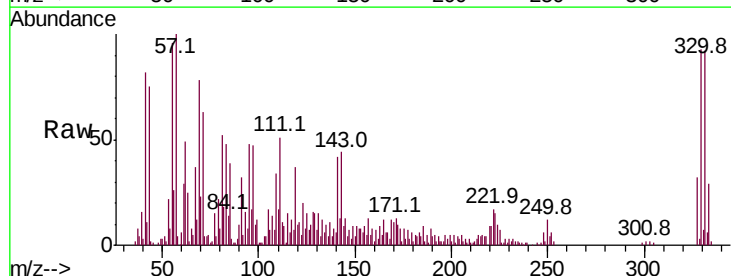
Instrument :
BNA_F
ClientSampleId :
FDSB-14

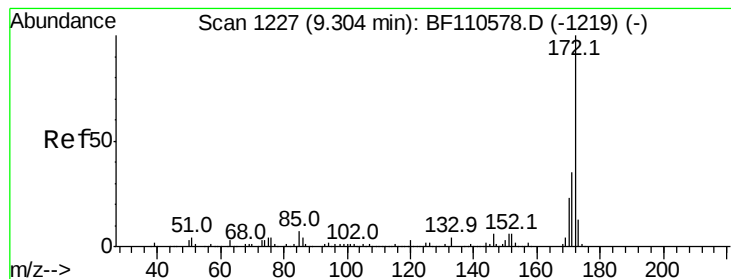
Tot Ion:164 Resp: 87351
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.6
160 51.1 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 86.308 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF110839.D
Acq: 17 Nov 2018 2:26

Tgt Ion:330 Resp: 75966
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 48.1 27.0 40.4#





#45

2-Fluorobiphenyl

Concen: 61.895 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

Instrument :

BNA_F

ClientSampleId :

FDSB-14

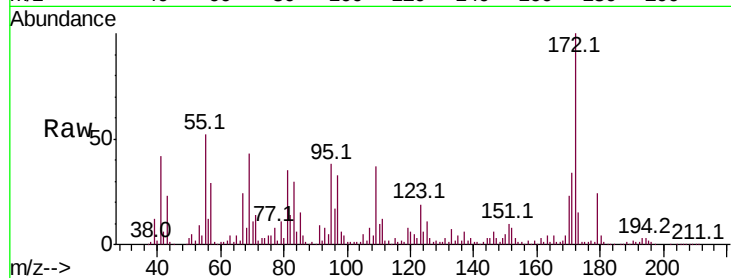
Tot Ion:172 Resp: 378565

Ion Ratio Lower Upper

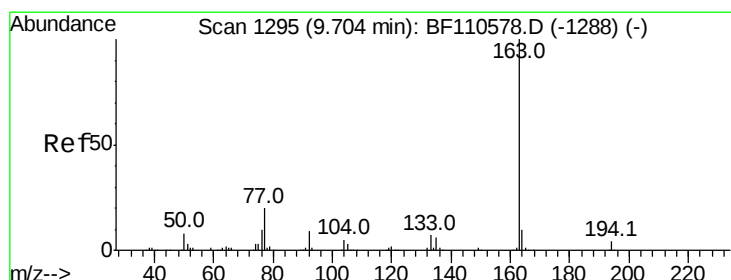
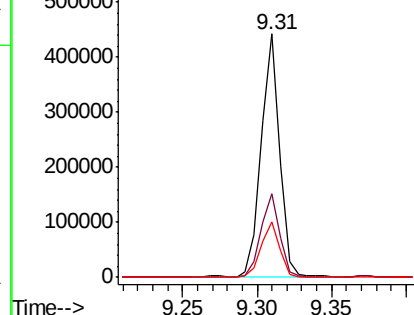
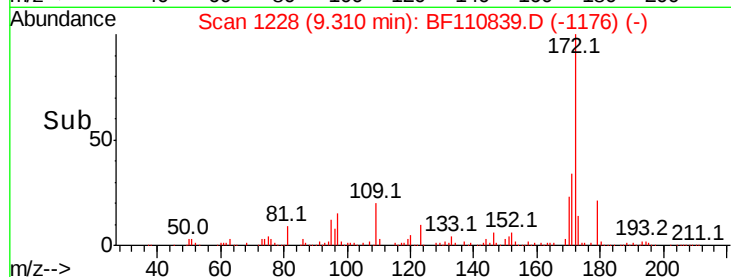
172 100

171 34.1 28.6 43.0

170 23.0 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 14.174 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

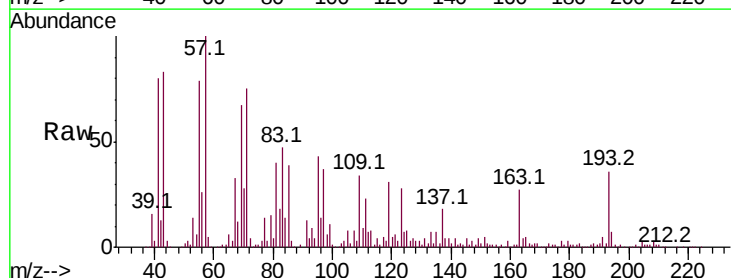
Tgt Ion:163 Resp: 92385

Ion Ratio Lower Upper

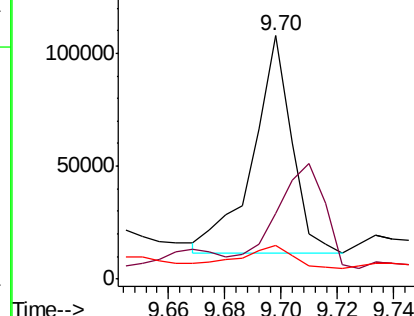
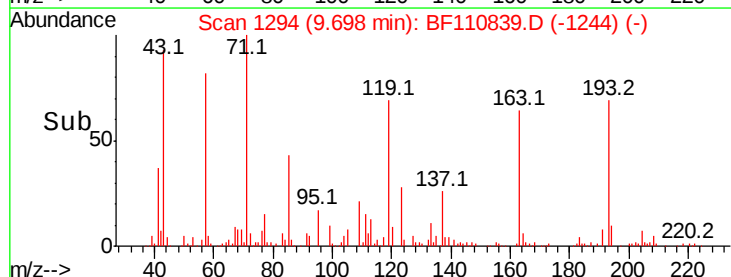
163 100

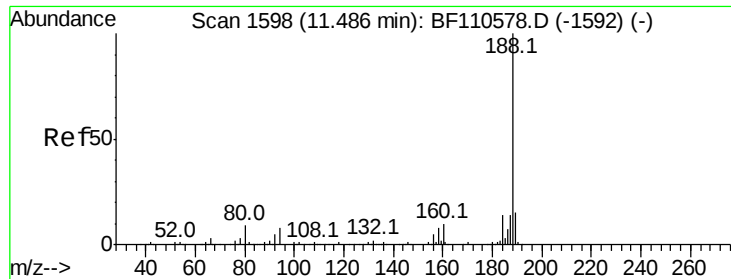
194 26.8 3.2 4.8#

164 13.7 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

Instrument :

BNA_F

ClientSampleId :

FDSB-14

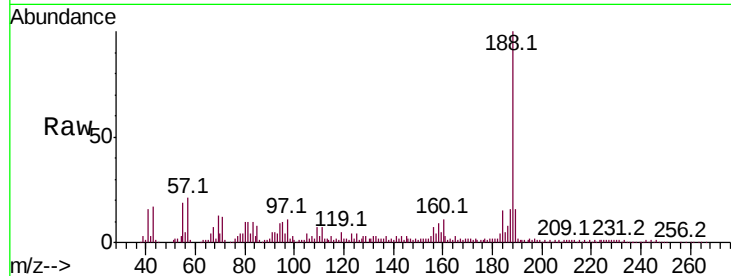
Tot Ion:188 Resp: 153856

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

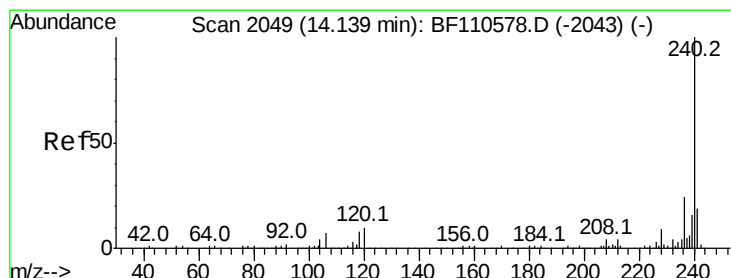
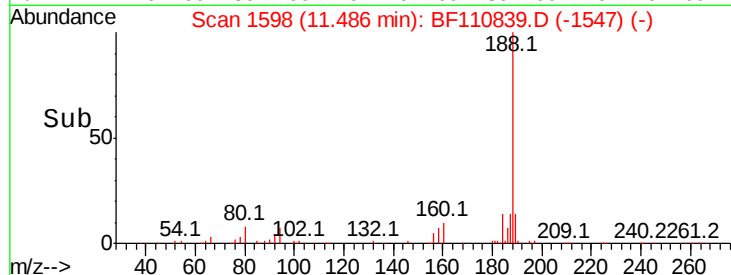
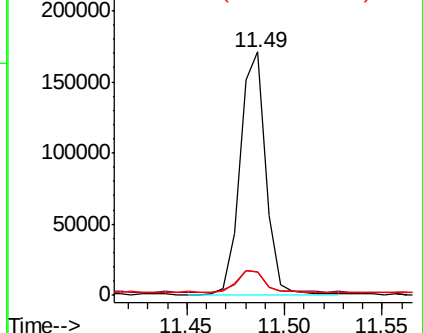
80 9.8 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

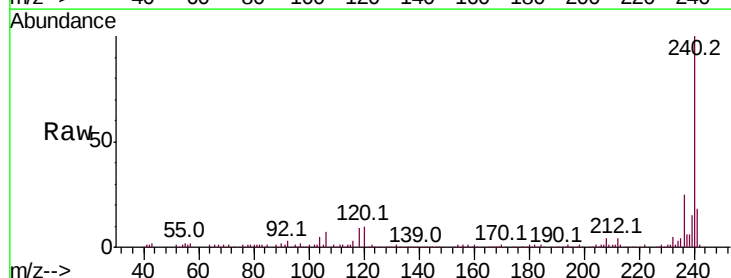
Tgt Ion:240 Resp: 143354

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

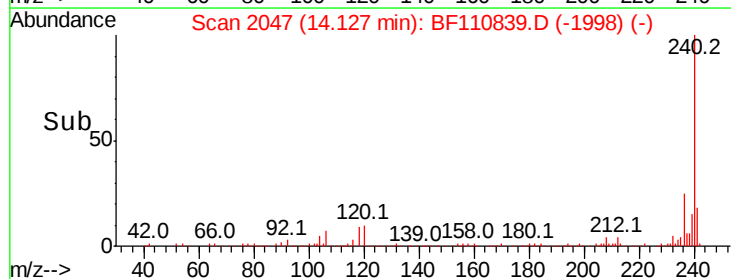
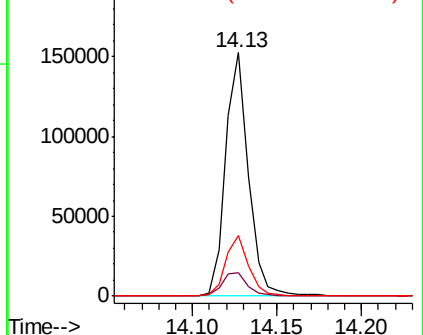
236 25.1 21.2 31.8

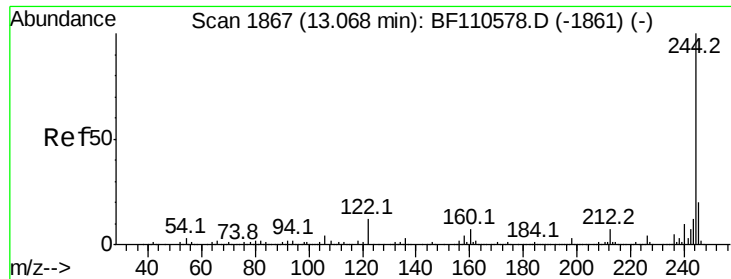


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 47.099 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

Instrument :

BNA_F

ClientSampled :

FDSB-14

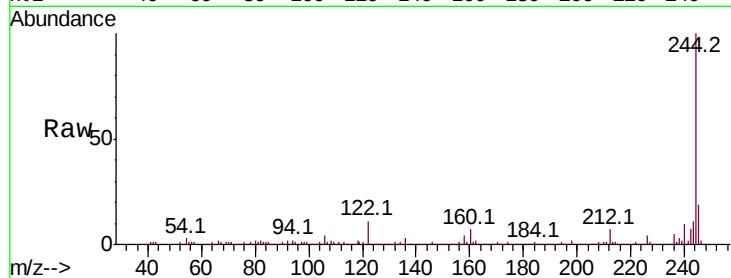
Tot Ion:244 Resp: 360529

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

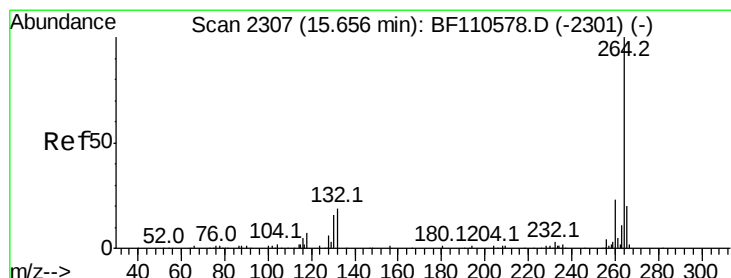
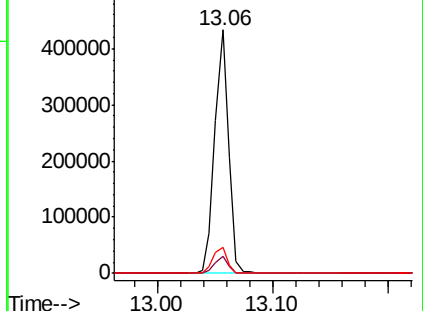
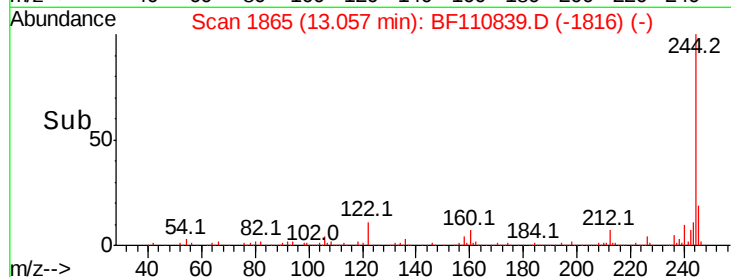
122 10.6 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110839.D

Acq: 17 Nov 2018 2:26

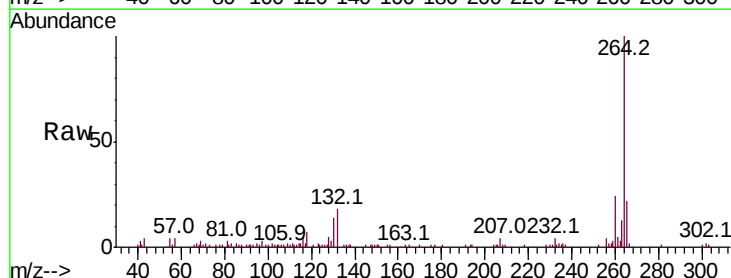
Tgt Ion:264 Resp: 93984

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.0 16.7 25.1



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

