

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111756.D
 Acq On : 27 Dec 2018 12:29
 Operator : JU/SJ
 Sample : J6446-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-1218-01

Quant Time: Dec 28 05:59:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

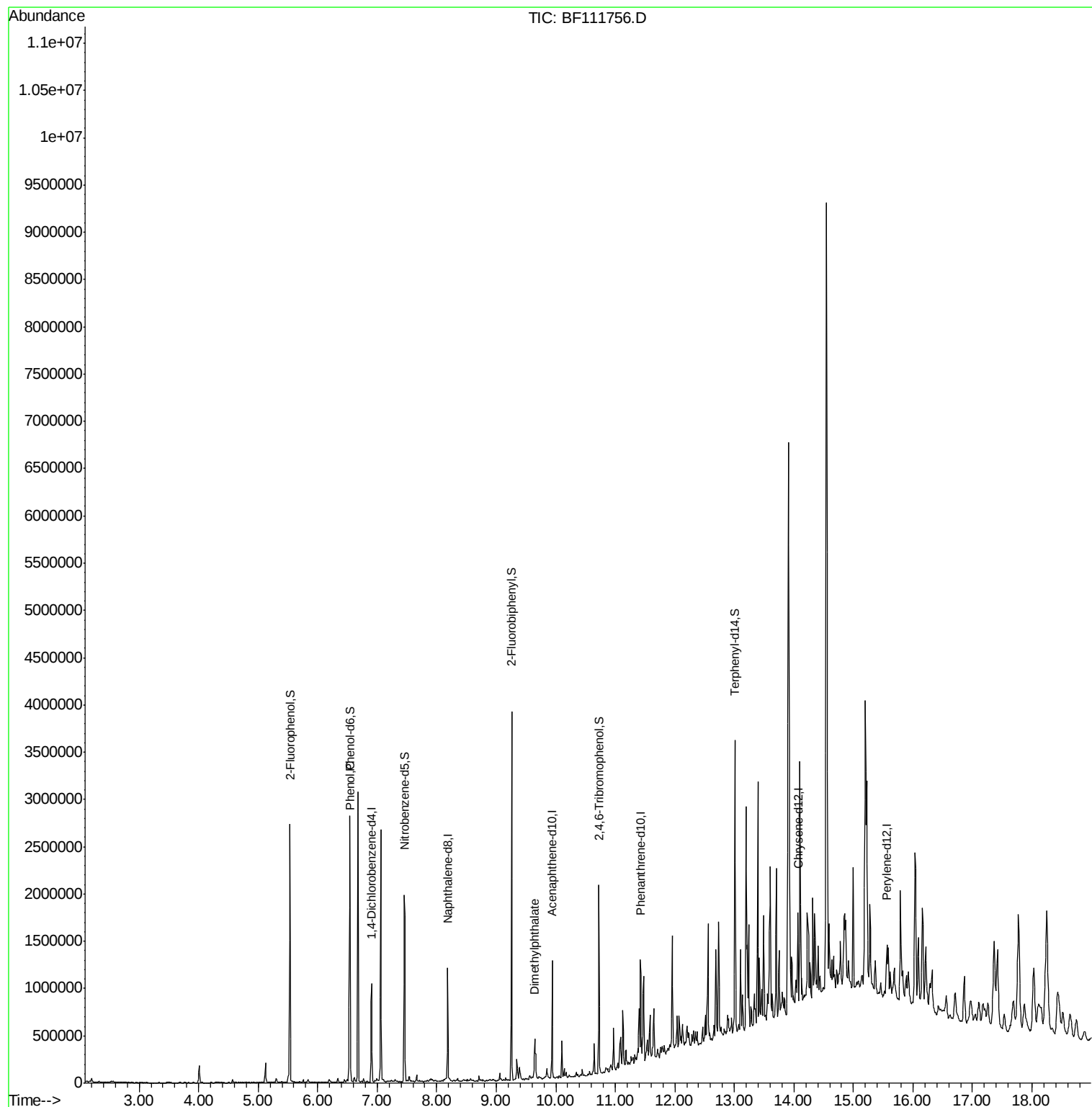
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	144087	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	508638	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	218953	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	342255	20.00	ng	0.00
76) Chrysene-d12	14.07	240	323063	20.00	ng	0.02
87) Perylene-d12	15.56	264	257201	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	757015	89.55	ng	0.02
7) Phenol-d6	6.54	99	932605	86.69	ng	0.02
23) Nitrobenzene-d5	7.46	82	624449	71.46	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	217498	84.07	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1108321	73.78	ng	0.00
79) Terphenyl-d14	13.01	244	897670	52.69	ng	0.01
Target Compounds						
10) Phenol	6.55	94	57473	4.735	ng	96
50) Dimethylphthalate	9.65	163	138981	8.680	ng	98

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

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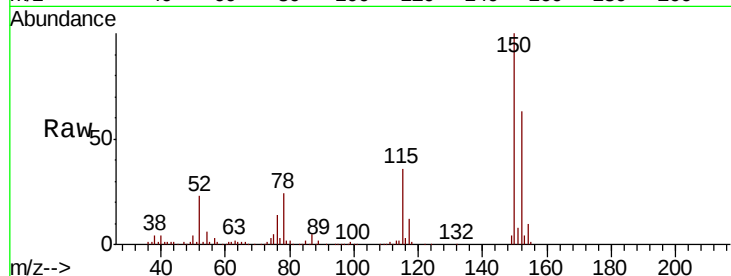


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111756.D
 Acq: 27 Dec 2018 12:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-1218-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	189.8
115	57.2	50.7	76.1

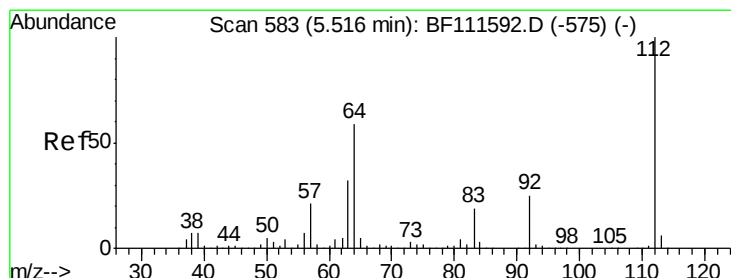
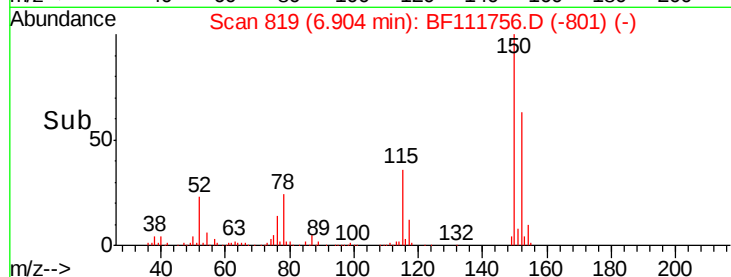
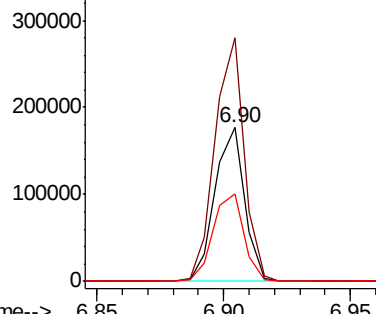


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

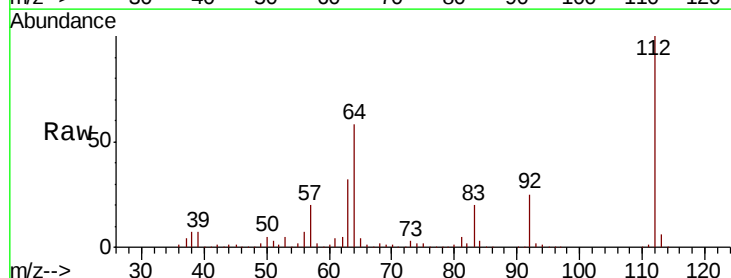
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 89.554 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: BF111756.D
 Acq: 27 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	51.8	77.6
63	32.4	26.8	40.2

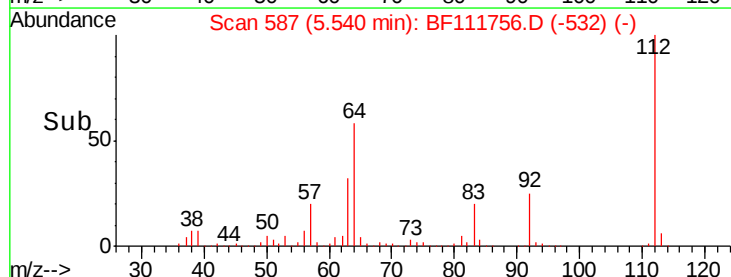
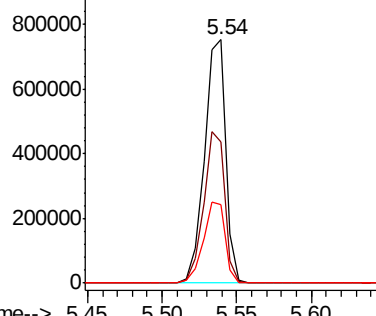


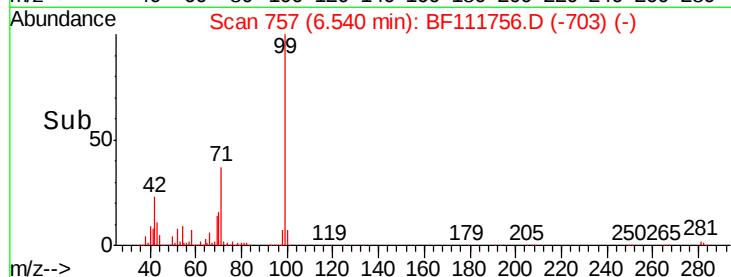
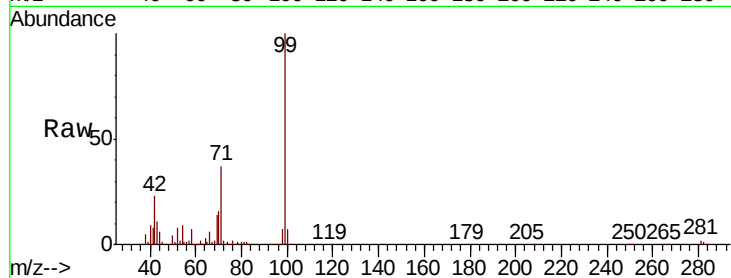
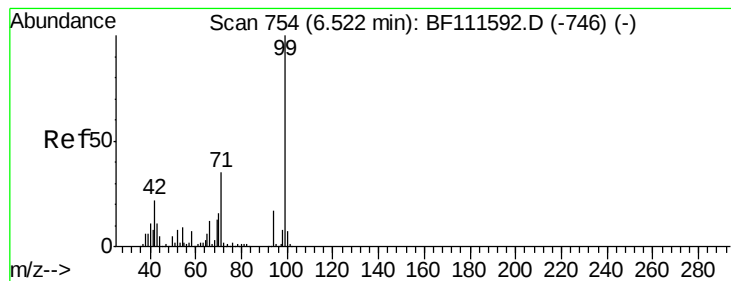
Abundance

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: 86.690 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111756.D

Acq: 27 Dec 2018 12:29

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1218-01

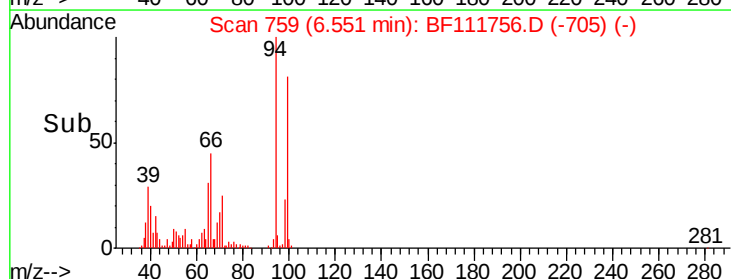
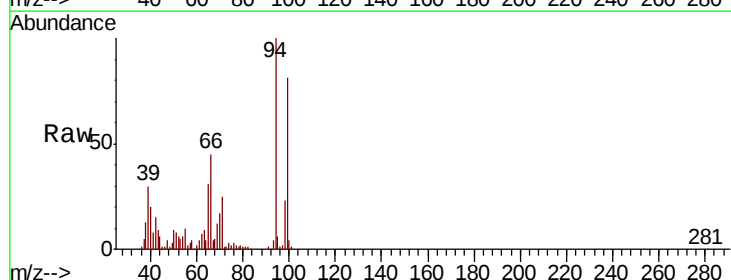
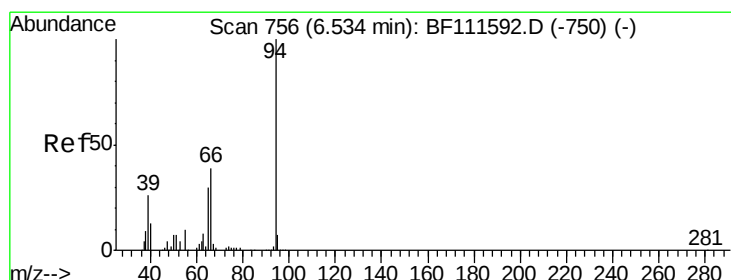
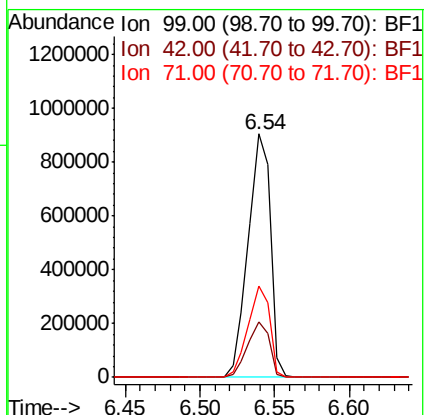
Tot Ion: 99 Resp: 932605

Ion Ratio Lower Upper

99 100

42 23.0 17.4 26.0

71 37.4 26.1 39.1



#10

Phenol

Concen: 4.735 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111756.D

Acq: 27 Dec 2018 12:29

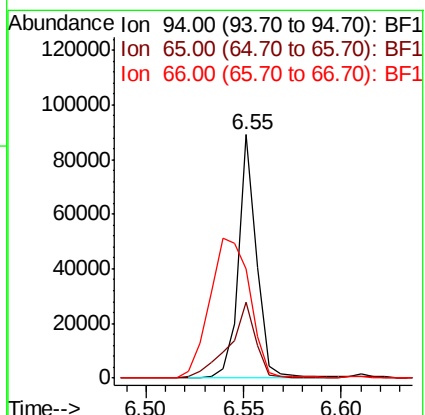
Tgt Ion: 94 Resp: 57473

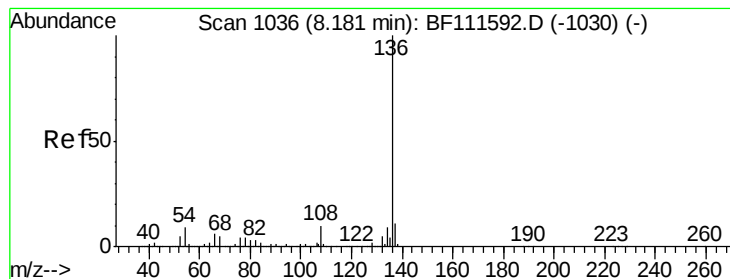
Ion Ratio Lower Upper

94 100

65 31.2 11.7 51.7

66 44.8 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111756.D

Acq: 27 Dec 2018 12:29

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1218-01

Tot Ion:136 Resp: 508638

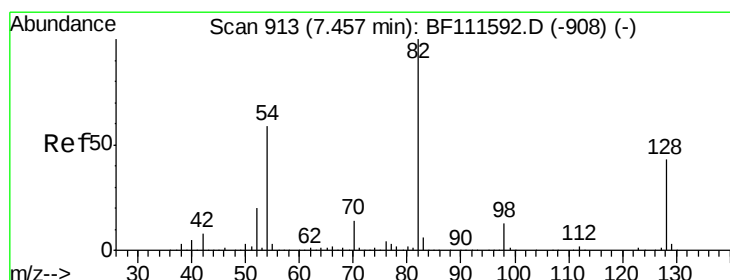
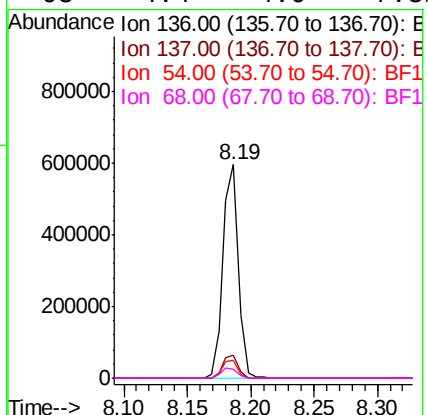
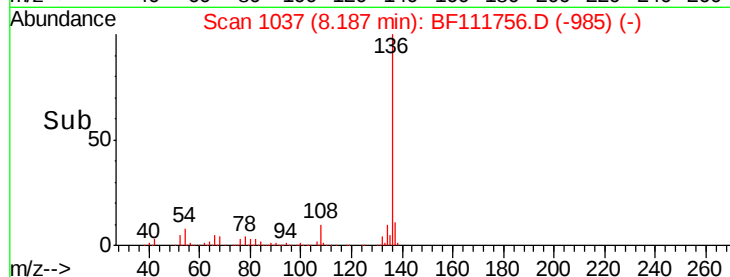
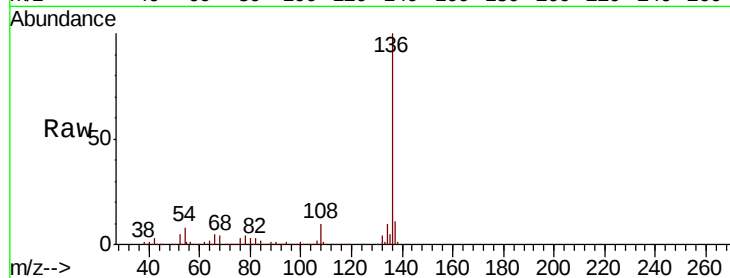
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.2 7.7 11.5

68 4.4 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 71.461 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111756.D

Acq: 27 Dec 2018 12:29

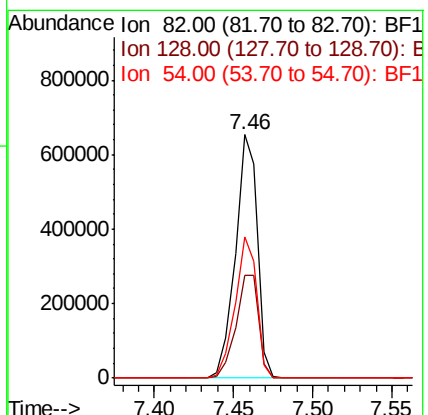
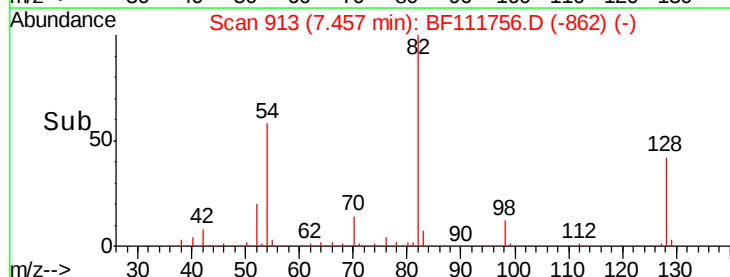
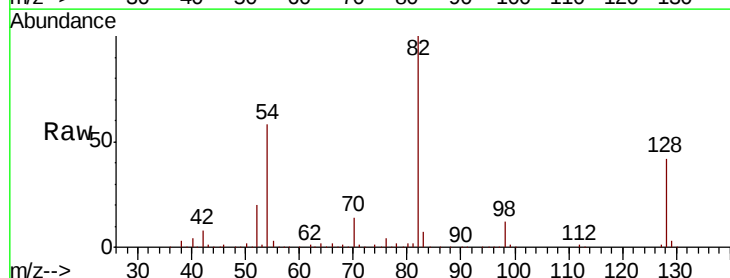
Tgt Ion: 82 Resp: 624449

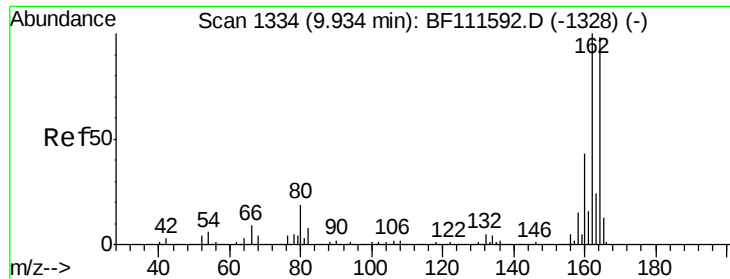
Ion Ratio Lower Upper

82 100

128 42.3 37.4 56.2

54 58.1 47.6 71.4

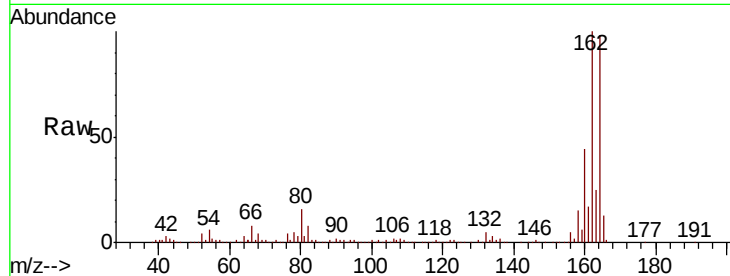




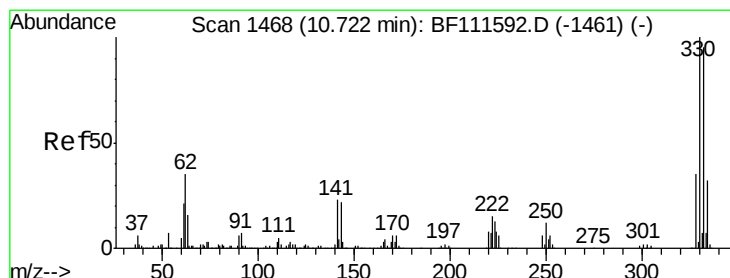
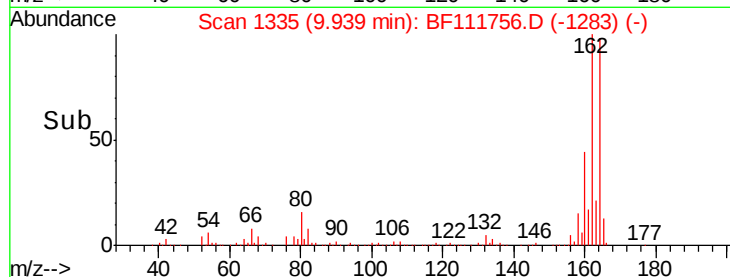
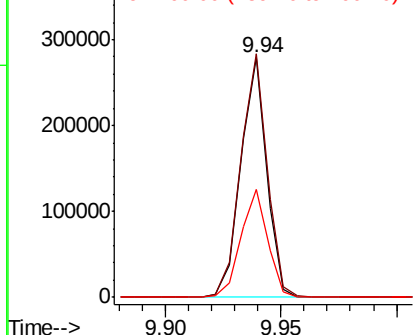
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tot Ion:164 Resp: 218953
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.1 35.7 53.5

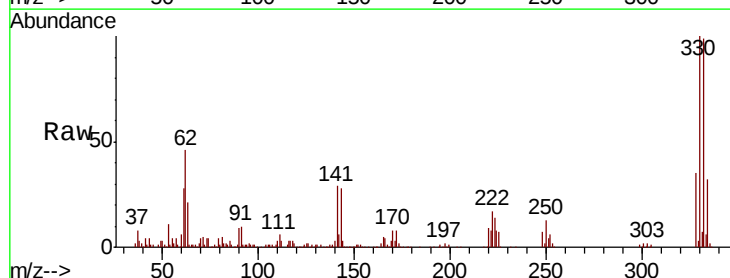


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

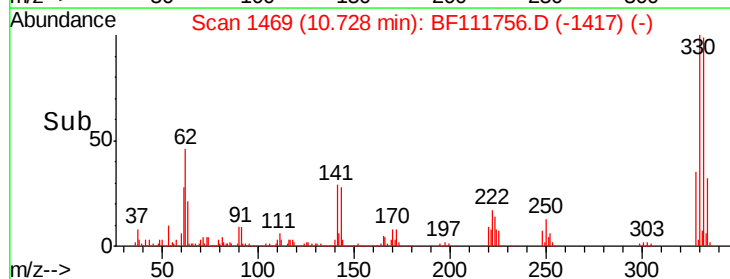
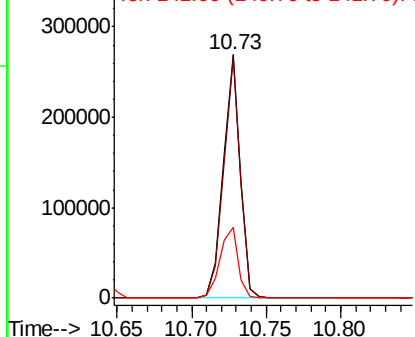


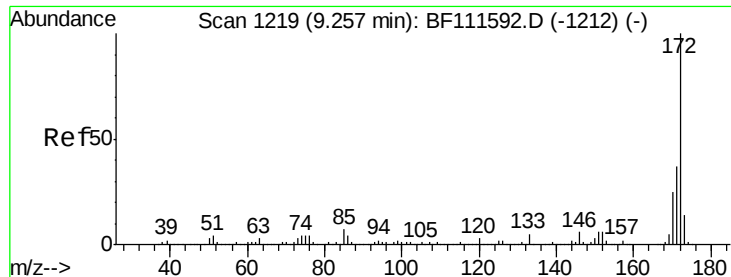
#42
2,4,6-Tribromophenol
Concen: 84.070 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:330 Resp: 217498
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 31.6 31.0 46.6



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

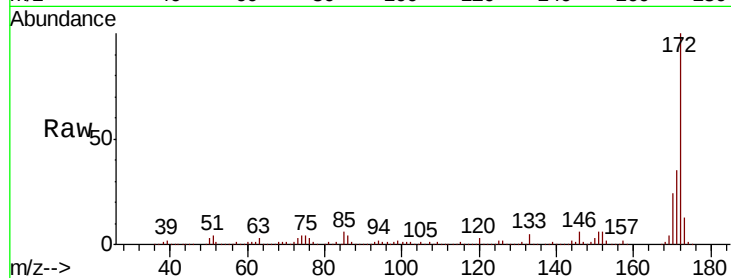




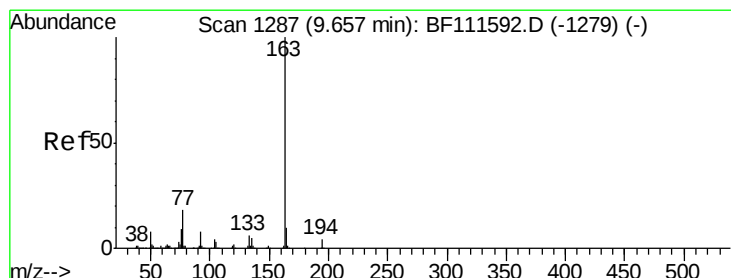
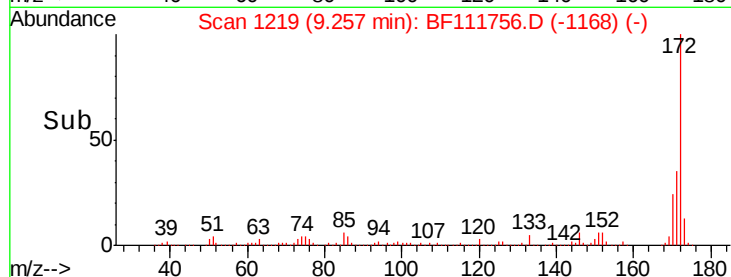
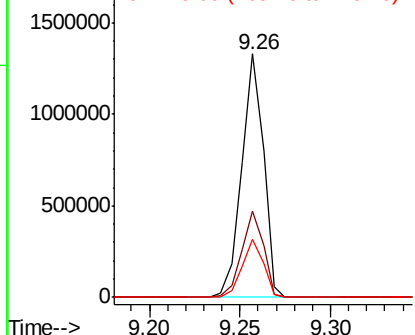
#45
2-Fluorobiphenyl
Concen: 73.781 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tot Ion:172 Resp: 1108321
Ion Ratio Lower Upper
172 100
171 35.3 33.0 49.4
170 23.6 22.3 33.5

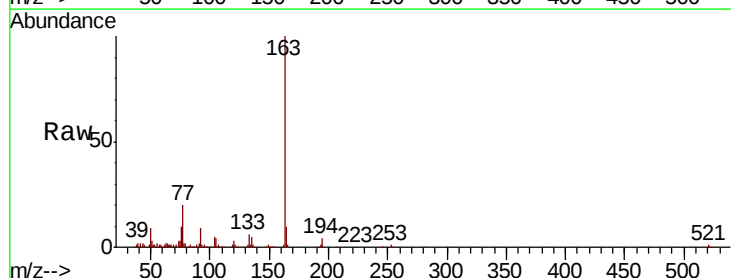


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

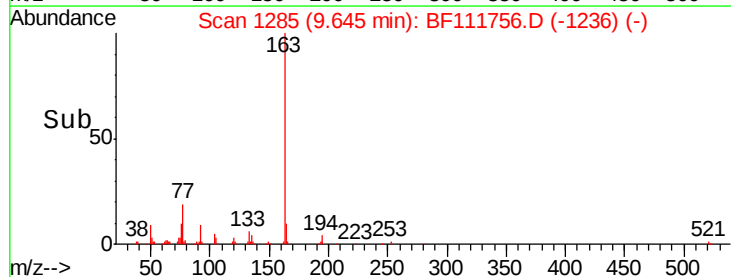
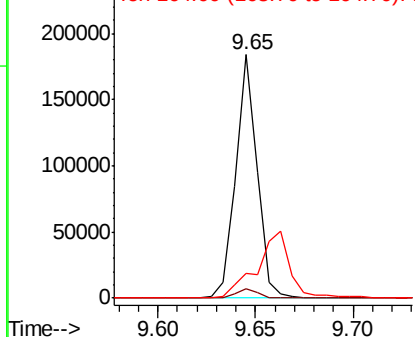


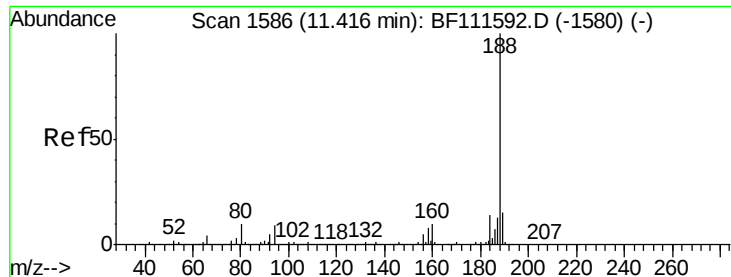
#50
Dimethylphthalate
Concen: 8.680 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:163 Resp: 138981
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.9 13.3



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

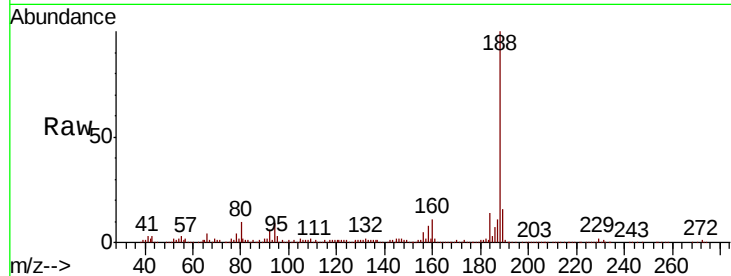




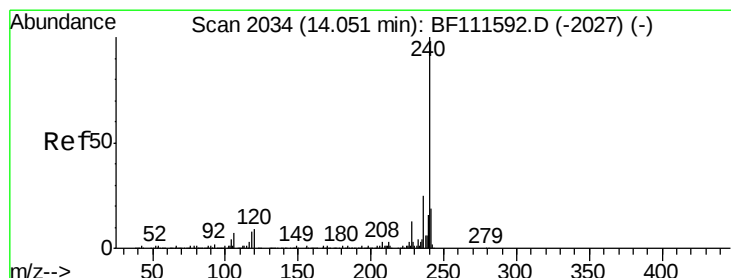
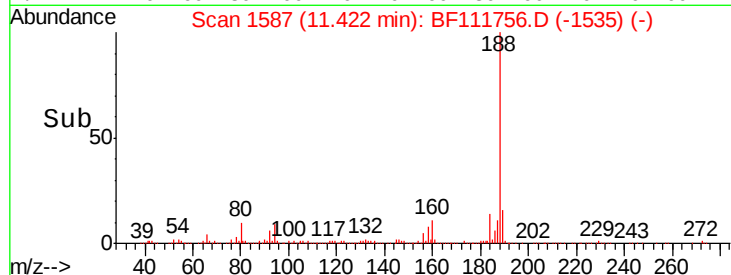
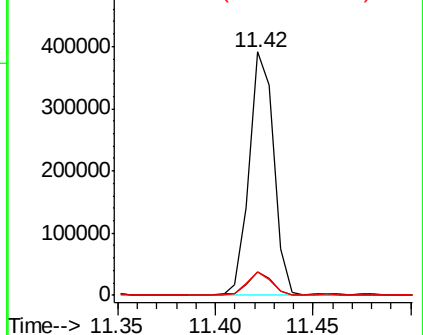
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tot Ion:188 Resp: 342255
Ion Ratio Lower Upper
188 100
94 9.4 9.6 14.4#
80 9.8 9.8 14.6

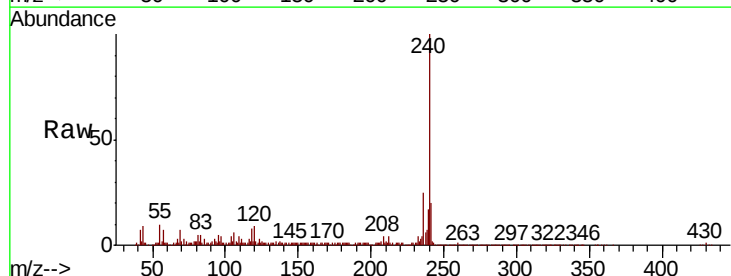


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

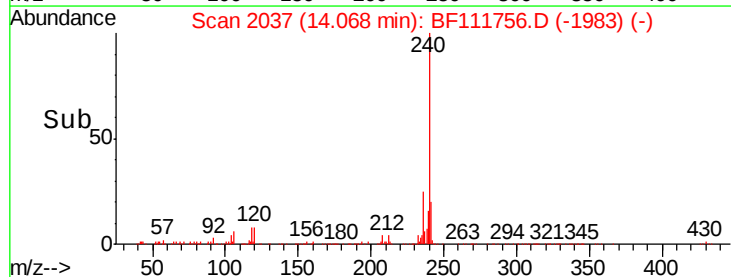
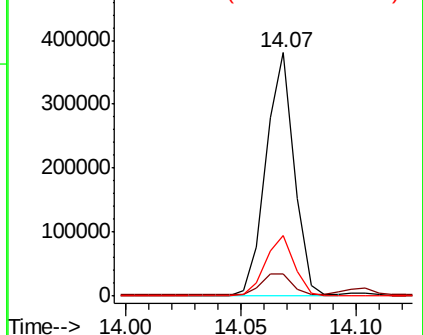


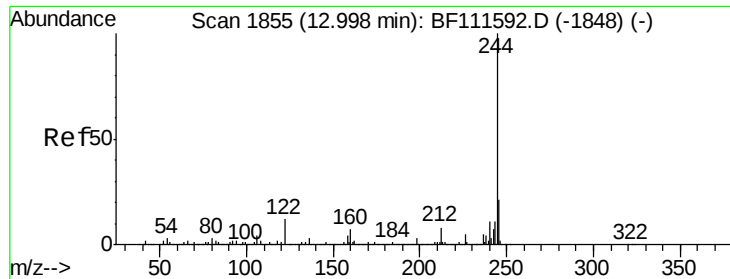
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:240 Resp: 323063
Ion Ratio Lower Upper
240 100
120 9.3 12.2 18.2#
236 24.7 20.2 30.2



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: 52.694 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111756.D

Acq: 27 Dec 2018 12:29

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1218-01

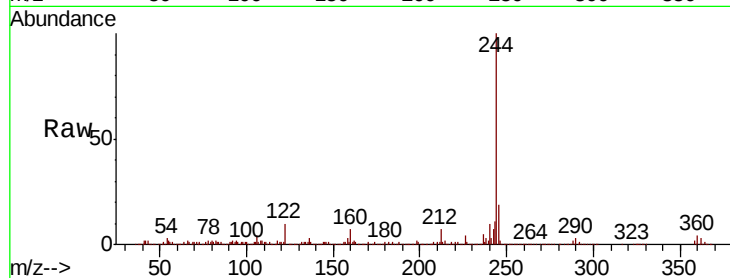
Tot Ion:244 Resp: 897670

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

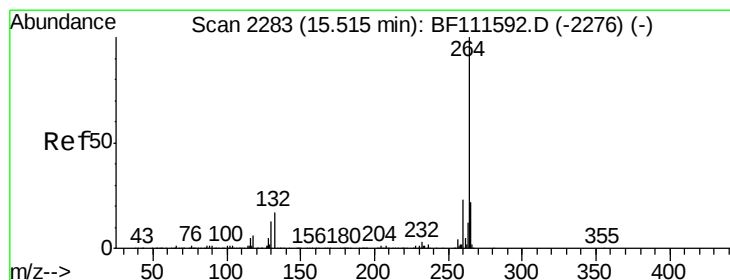
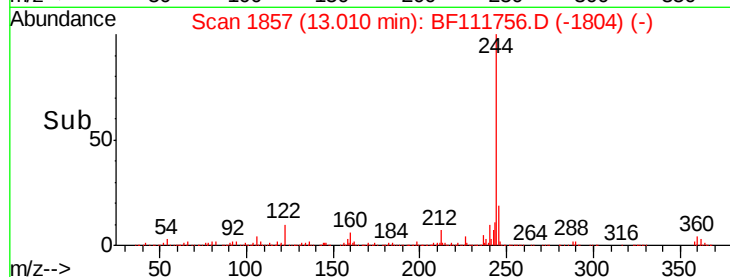
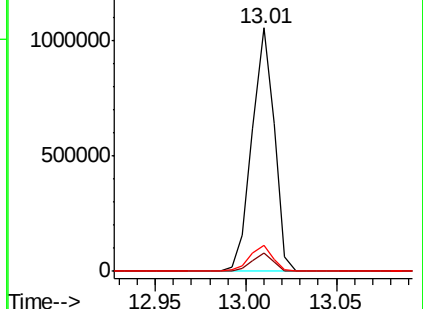
122 10.4 13.1 19.7#



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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111756.D

Acq: 27 Dec 2018 12:29

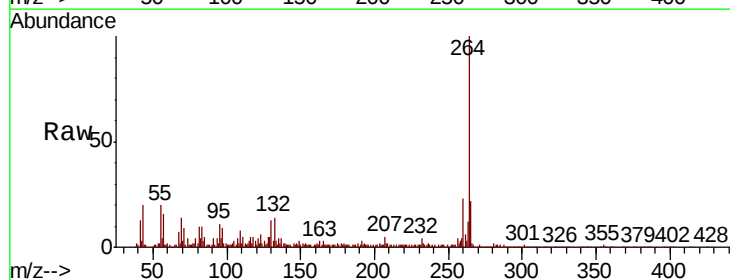
Tgt Ion:264 Resp: 257201

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.6 17.7 26.5



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

