

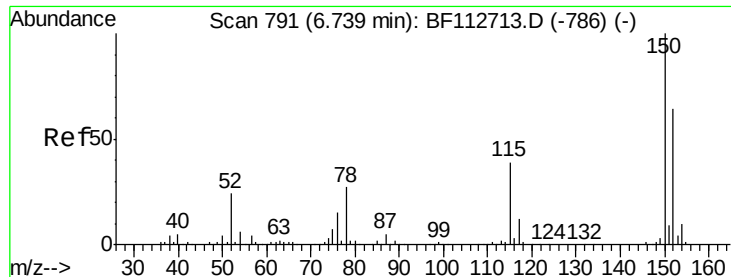
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112896.D
 Acq On : 6 Mar 2019 21:56
 Operator : JU/SJ
 Sample : K1753-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-6

Quant Time: Mar 07 04:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	224971	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	787846	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	335171	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	570903	20.00	ng	0.00
76) Chrysene-d12	13.86	240	550679	20.00	ng	-0.02
87) Perylene-d12	15.26	264	633215	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	290262	20.07	ng	-0.01
7) Phenol-d6	6.36	99	372023	20.48	ng	-0.01
23) Nitrobenzene-d5	7.29	82	182867	13.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	71900	20.21	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	367898	13.81	ng	-0.01
79) Terphenyl-d14	12.82	244	291160	10.25	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	23522	2.044	ng	# 77
25) Isophorone	7.29	82	182865	6.447	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	42466	8.252	ng	# 18
74) Di-n-butylphthalate	11.80	149	92969	2.673	ng	99

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

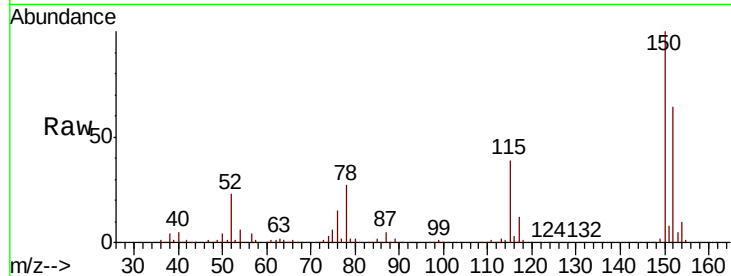


#1

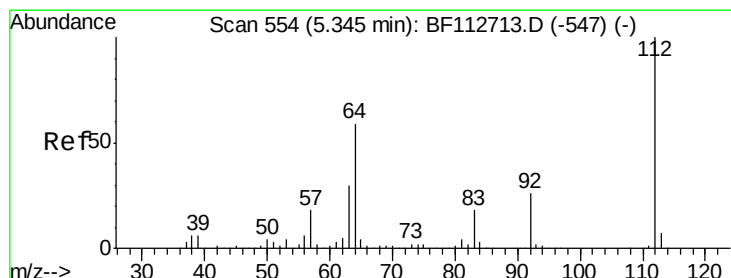
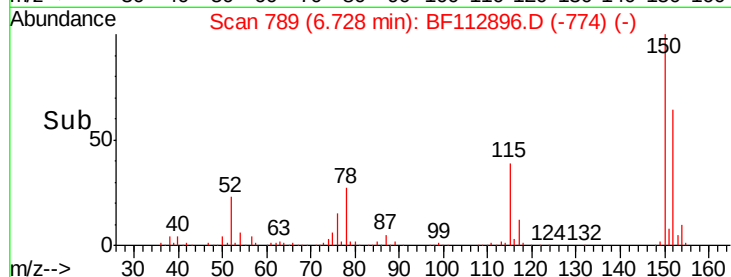
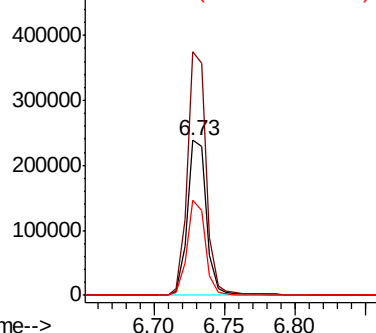
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112896.D
Acq: 6 Mar 2019 21:56

Instrument :
BNA_F
ClientSampled :
Z-2-6

Tgt Ion:152 Resp: 224971
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 61.6 48.2 72.4



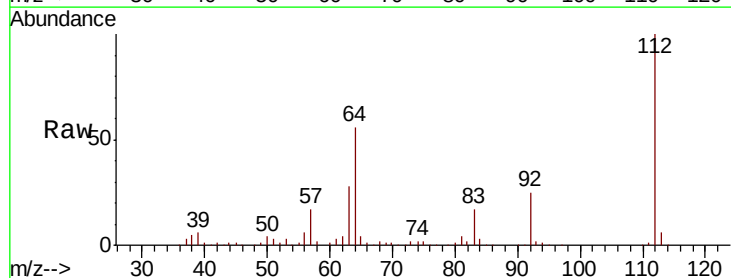
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



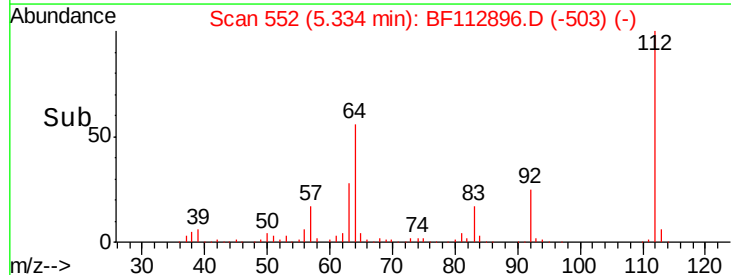
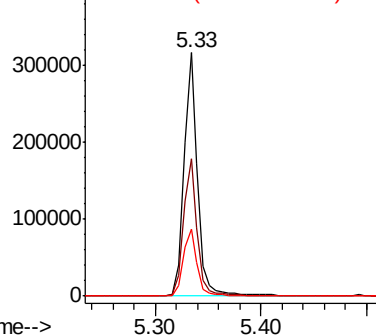
#5

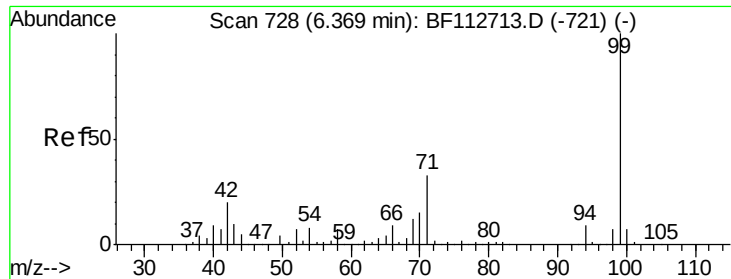
2-Fluorophenol
Concen: 20.070 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112896.D
Acq: 6 Mar 2019 21:56

Tgt Ion:112 Resp: 290262
Ion Ratio Lower Upper
112 100
64 56.4 47.6 71.4
63 27.7 24.4 36.6



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: 20.478 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

Z-2-6

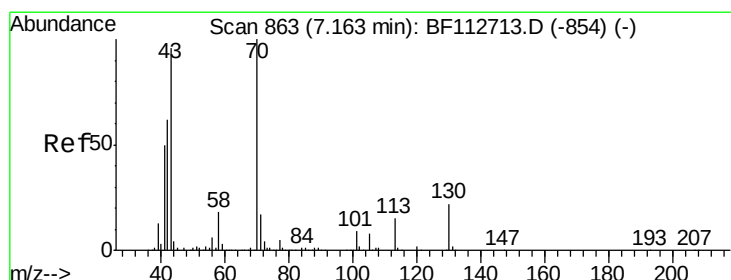
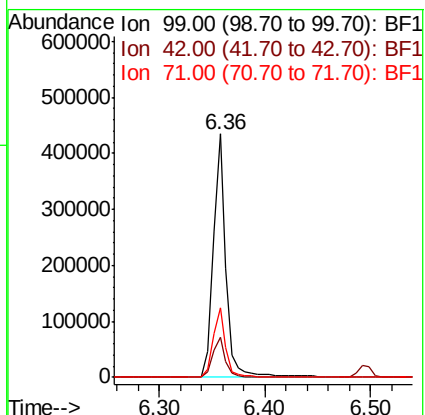
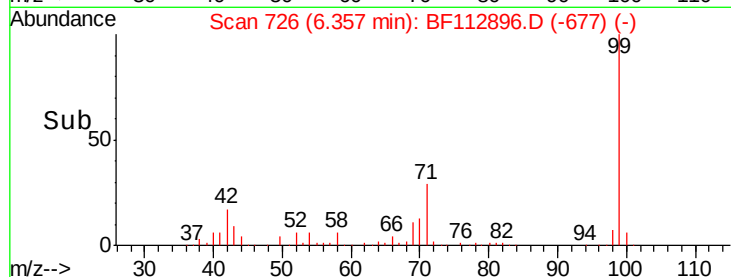
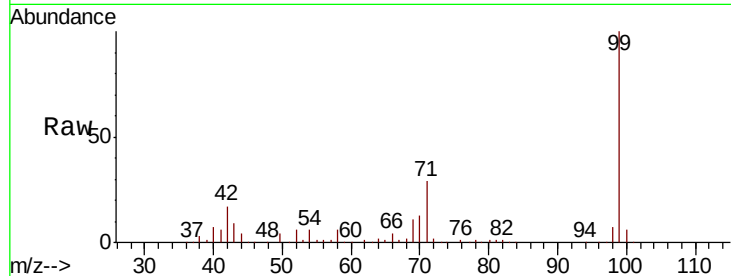
Tgt Ion: 99 Resp: 372023

Ion Ratio Lower Upper

99 100

42 16.6 16.3 24.5

71 28.7 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 2.044 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Tgt Ion: 70 Resp: 23522

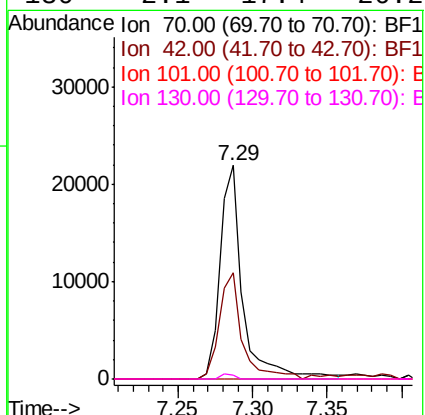
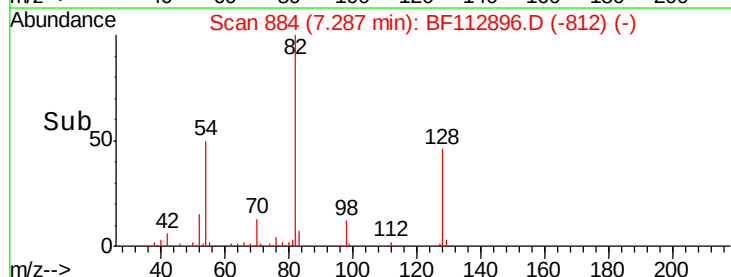
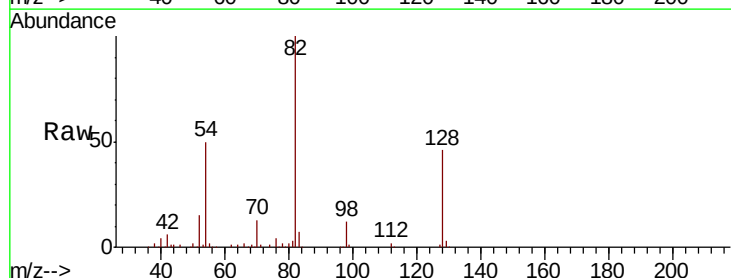
Ion Ratio Lower Upper

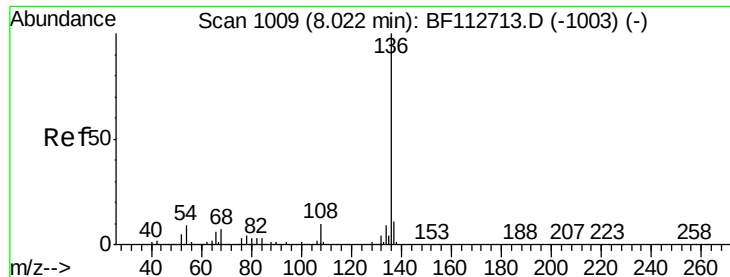
70 100

42 49.6 49.9 74.9#

101 0.0 7.4 11.2#

130 2.1 17.4 26.2#

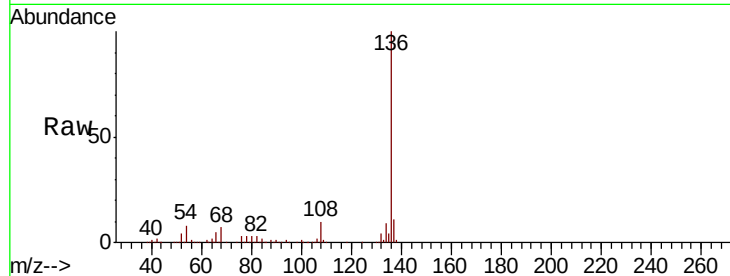




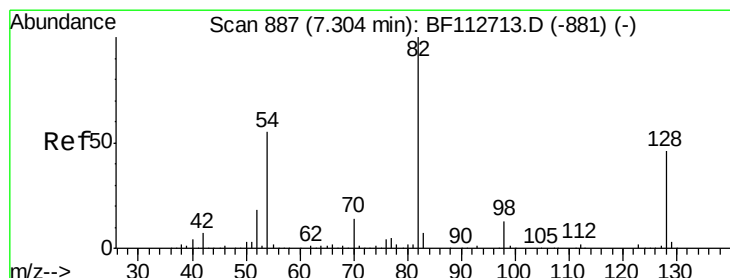
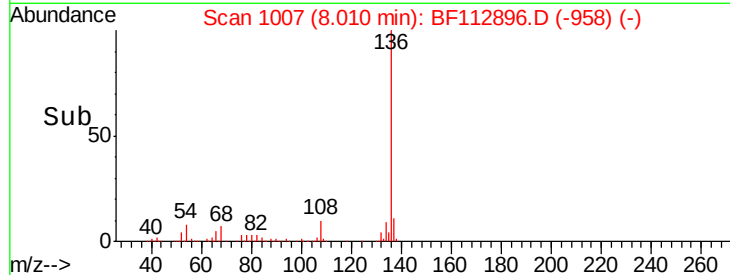
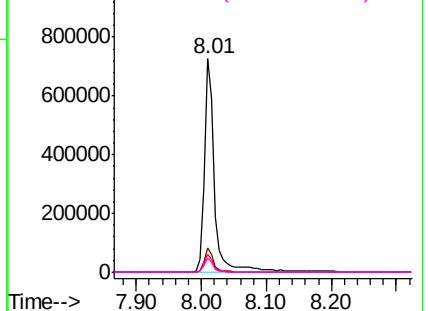
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112896.D
Acq: 6 Mar 2019 21:56

Instrument :
BNA_F
ClientSampled :
Z-2-6

Tgt Ion:	136	Resp:	787846
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.3	10.9
68	6.6	5.4	8.2

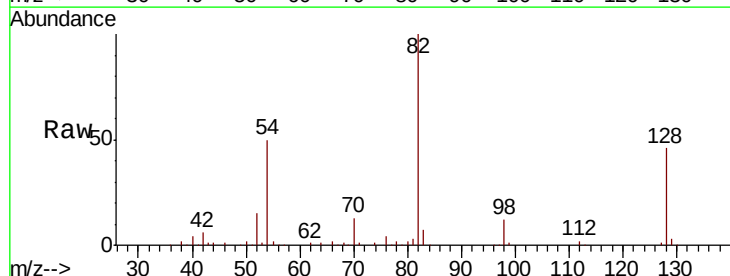


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

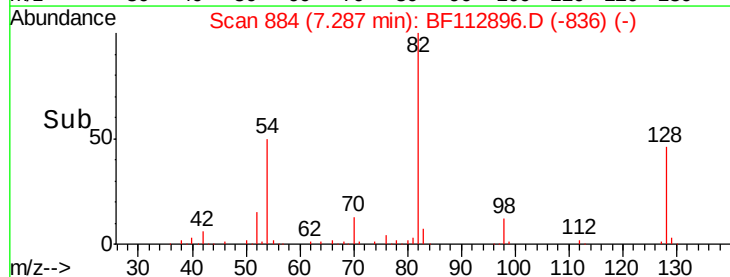
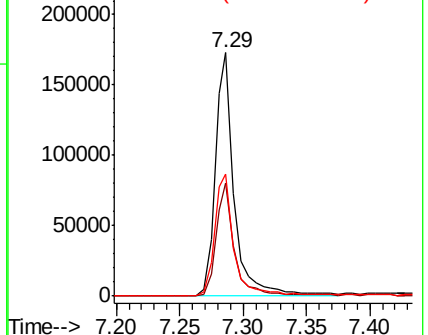


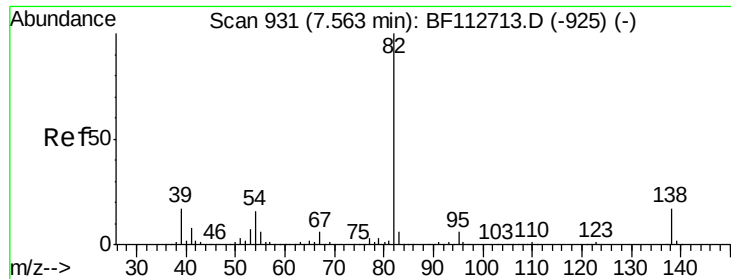
#23
Nitrobenzene-d5
Concen: 13.889 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112896.D
Acq: 6 Mar 2019 21:56

Tgt Ion:	82	Resp:	182867
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	49.9	43.7	65.5



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





#25

Isophorone

Concen: 6.447 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Instrument :

BNA_F

ClientSampled :

Z-2-6

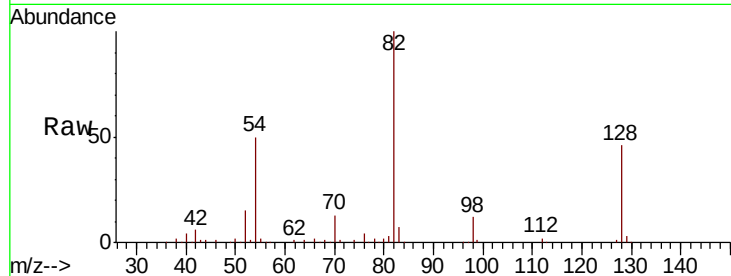
Tgt Ion: 82 Resp: 182865

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

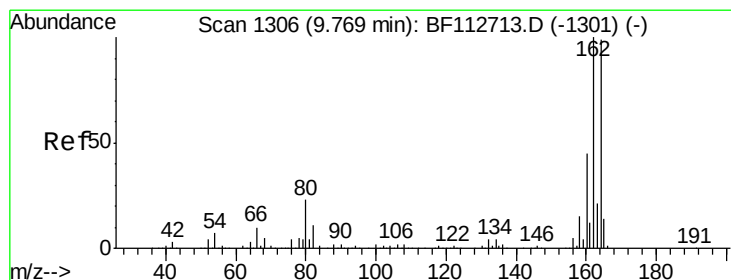
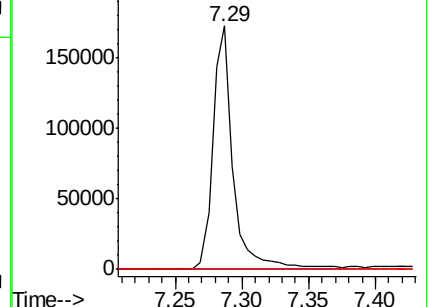
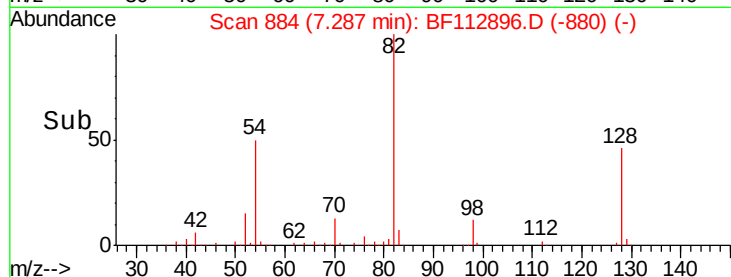
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

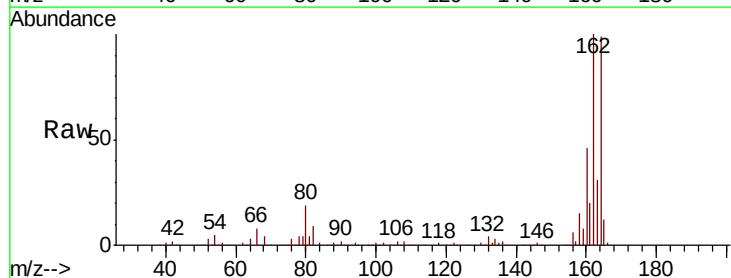
Tgt Ion: 164 Resp: 335171

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

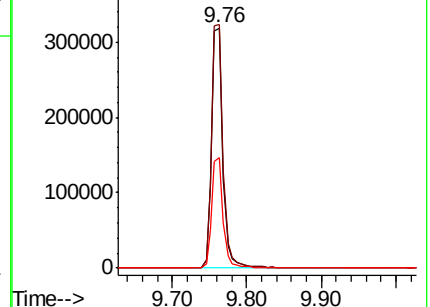
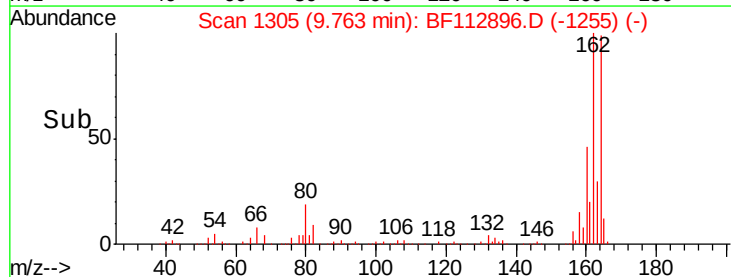
160 46.1 36.0 54.0

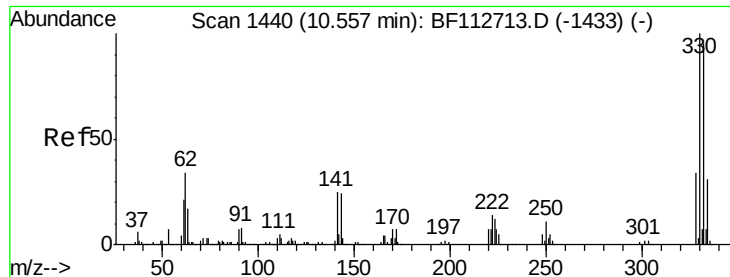


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 20.207 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

Z-2-6

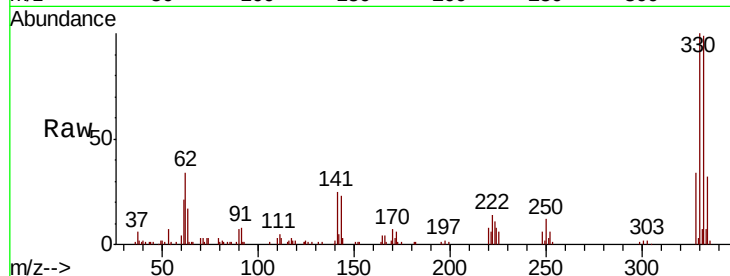
Tgt Ion:330 Resp: 71900

Ion Ratio Lower Upper

330 100

332 98.6 76.2 114.4

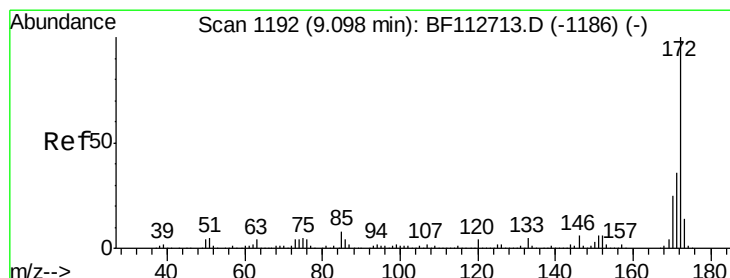
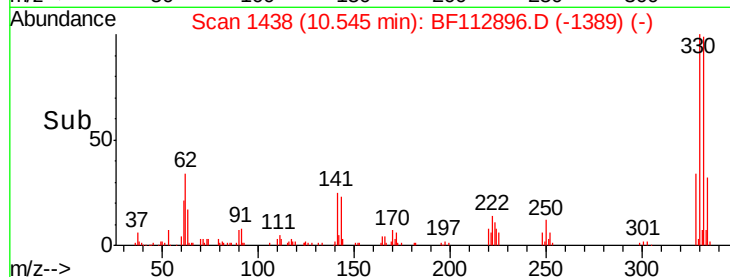
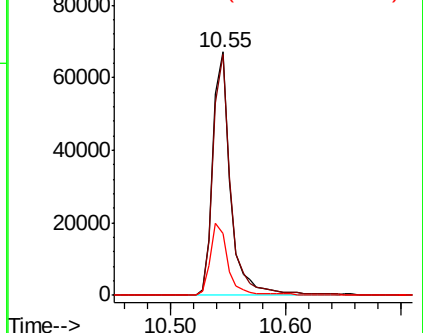
141 29.6 27.0 40.6



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: 13.806 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

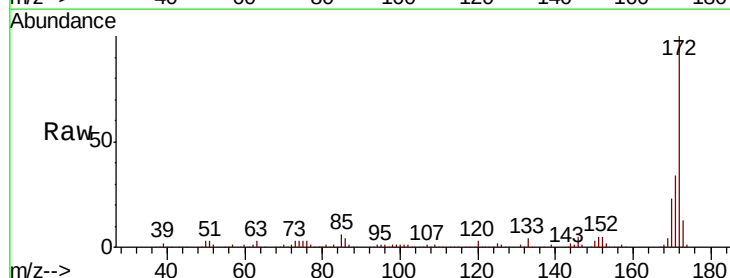
Tgt Ion:172 Resp: 367898

Ion Ratio Lower Upper

172 100

171 34.1 29.0 43.4

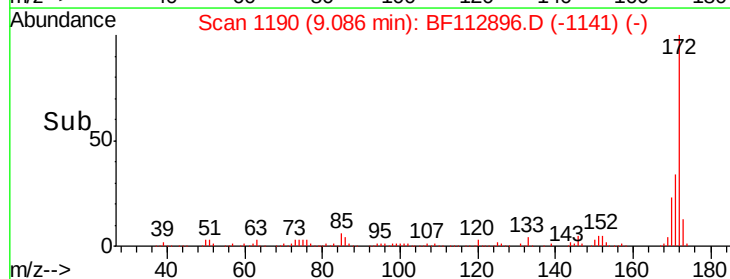
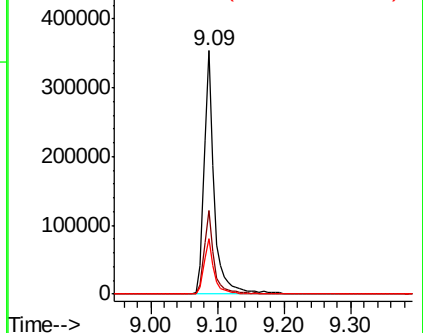
170 22.8 20.0 30.0

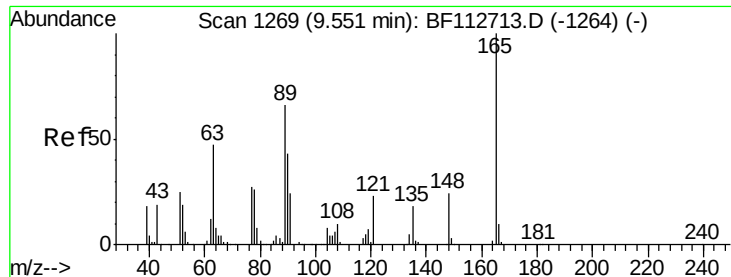


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.252 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

Z-2-6

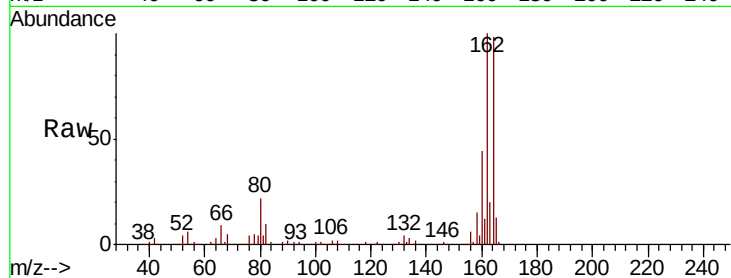
Tgt Ion:165 Resp: 42466

Ion Ratio Lower Upper

165 100

63 1.4 54.1 81.1#

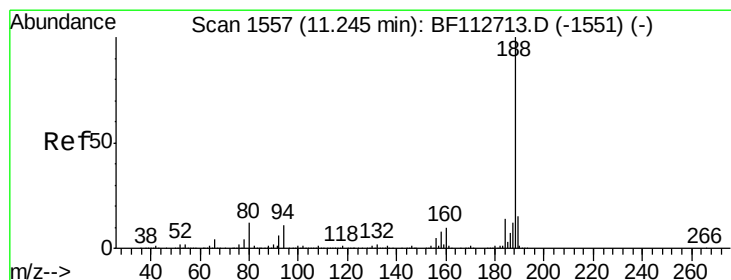
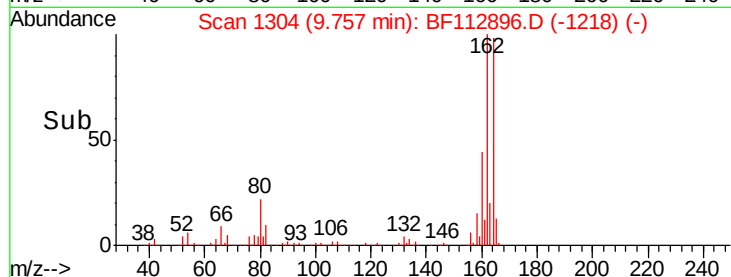
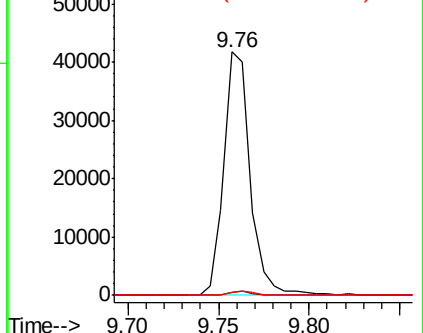
89 1.3 52.8 79.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

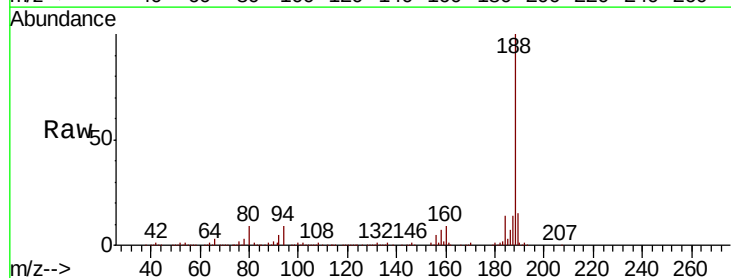
Tgt Ion:188 Resp: 570903

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

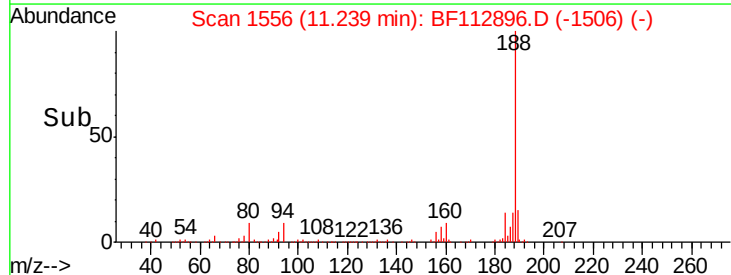
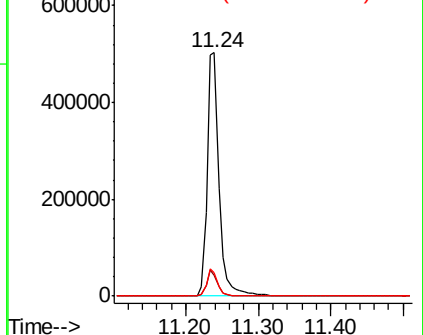
80 9.4 9.2 13.8

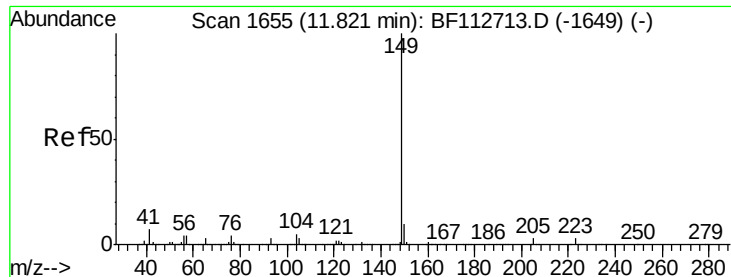


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Di-n-butylphthalate

Concen: 2.673 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.02 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

Z-2-6

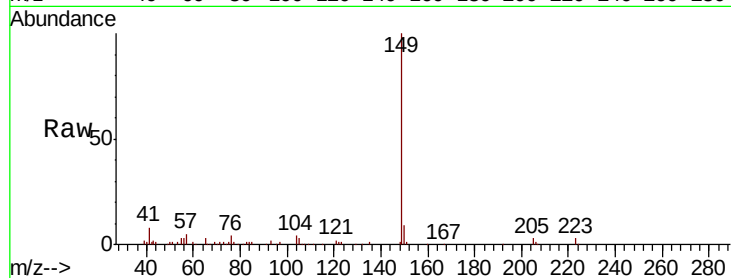
Tgt Ion:149 Resp: 92969

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

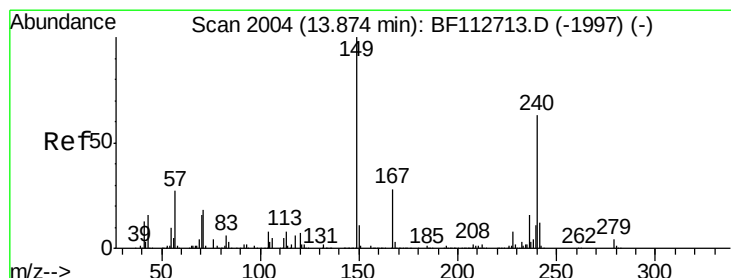
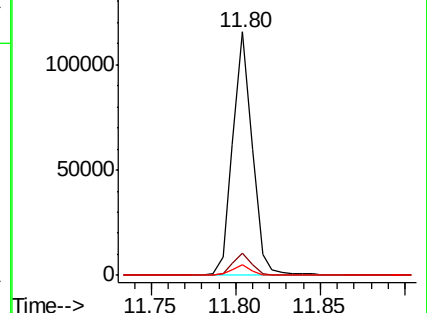
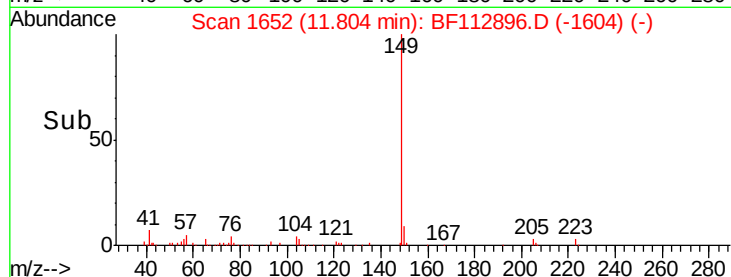
104 4.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

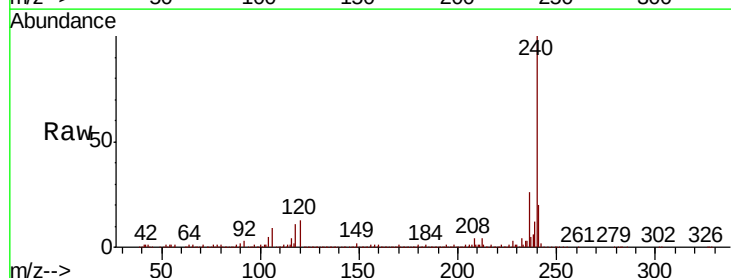
Tgt Ion:240 Resp: 550679

Ion Ratio Lower Upper

240 100

120 13.0 8.9 13.3

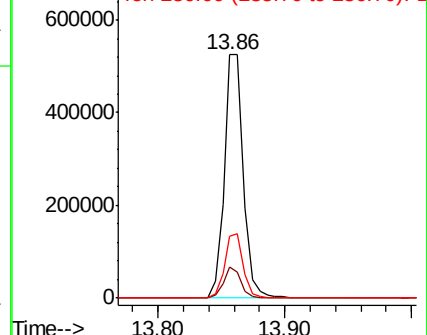
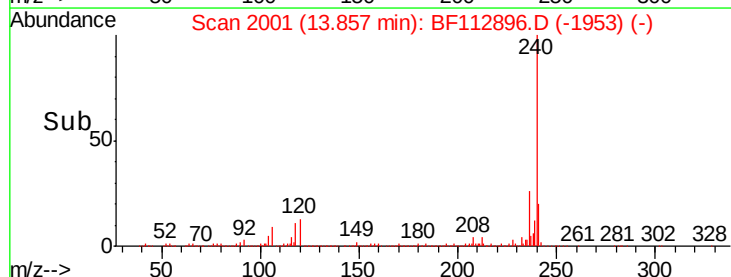
236 25.6 20.7 31.1

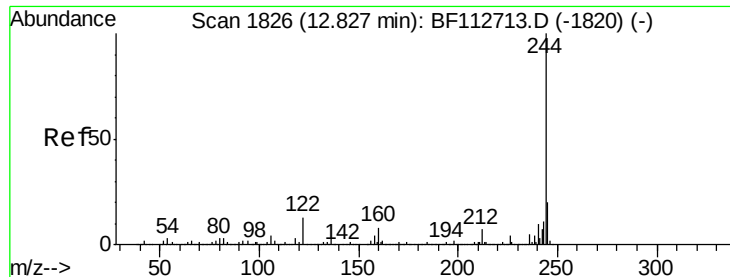


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 10.249 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

Instrument :

BNA_F

ClientSampleId :

Z-2-6

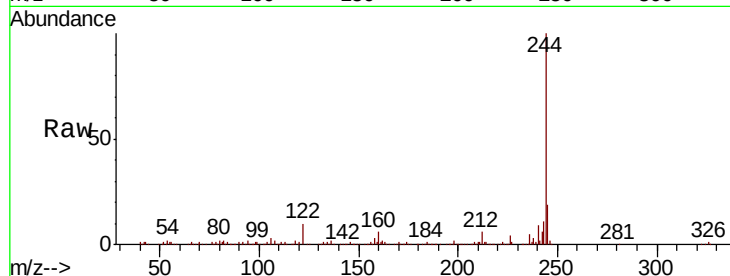
Tgt Ion:244 Resp: 291160

Ion Ratio Lower Upper

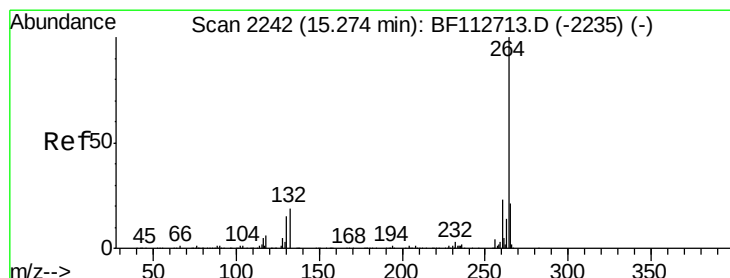
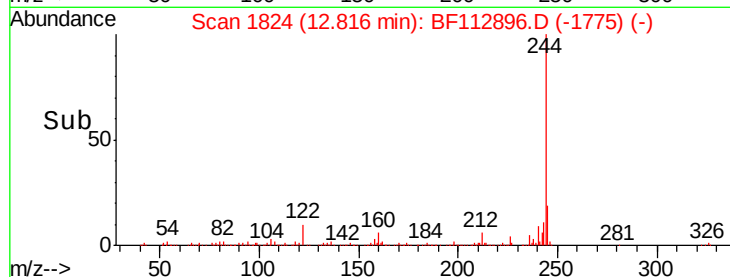
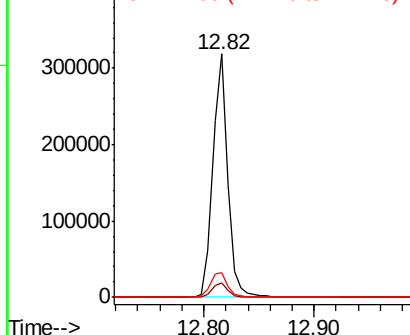
244 100

212 5.7 5.6 8.4

122 10.1 10.5 15.7#



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: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112896.D

Acq: 6 Mar 2019 21:56

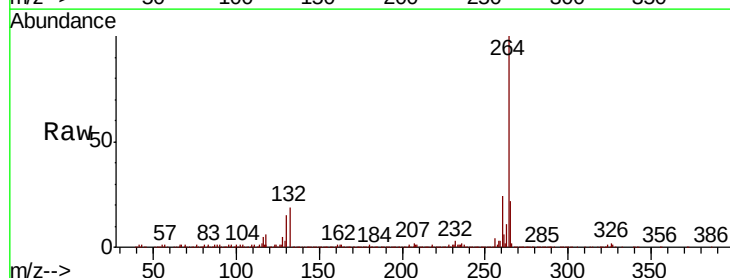
Tgt Ion:264 Resp: 633215

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.1 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

