

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102284.D
 Acq On : 21 Jan 2018 1:43
 Operator : SJ/JU
 Sample : J1230-02 100X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:27:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

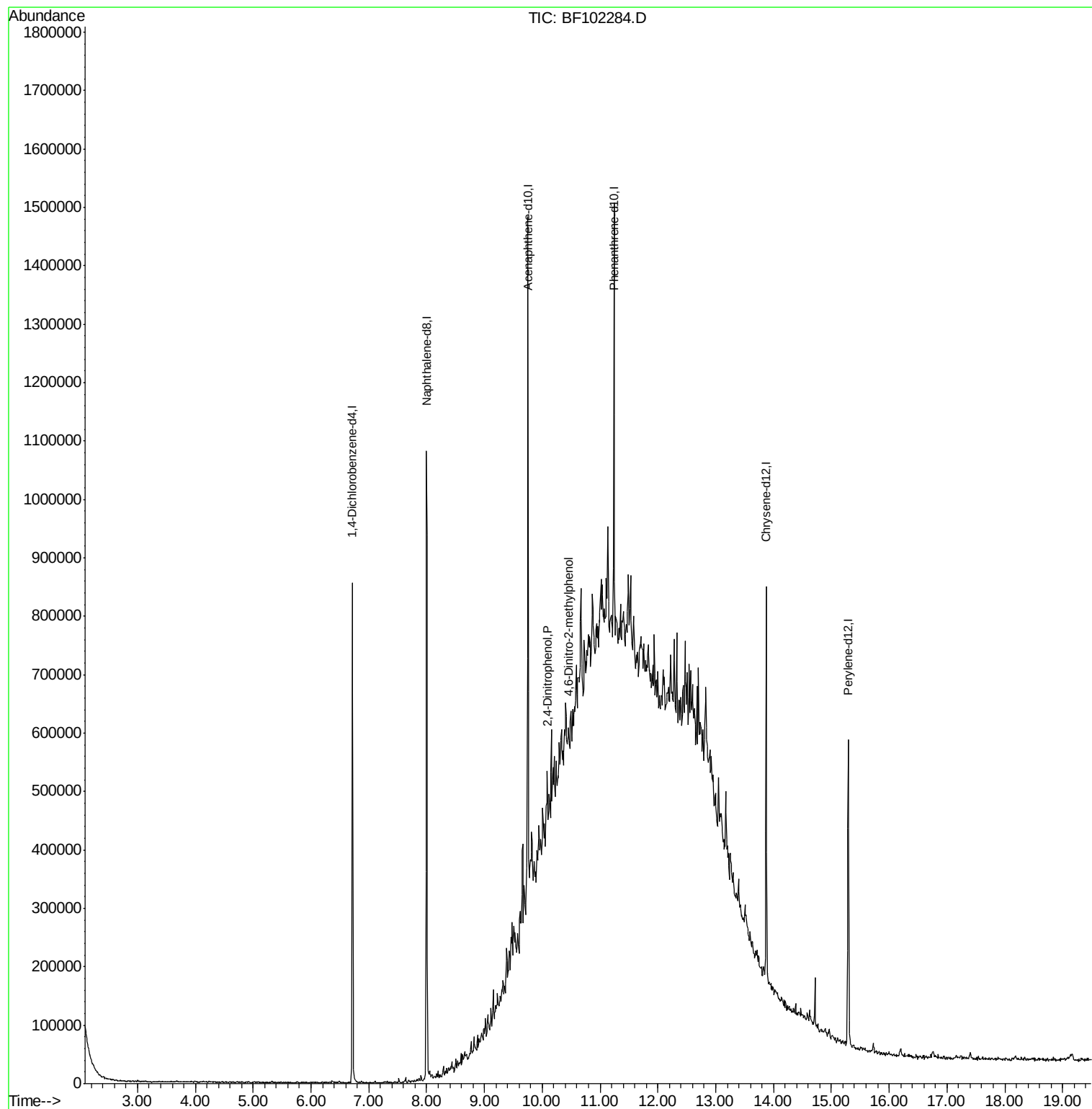
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124604	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	496266	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	184686	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	257066	20.00	ng	0.00
75) Chrysene-d12	13.87	240	238198	20.00	ng	0.00
86) Perylene-d12	15.29	264	208809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	684	0.08	ng	0.00
7) Phenol-d6	6.36	99	968	0.09	ng	0.00
23) Nitrobenzene-d5	7.29	82	664	0.08	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	2057	0.17	ng	-0.01
78) Terphenyl-d14	12.82	244	2342	0.20	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	10.09	184	117	8.750	ng	# 63
64) 4,6-Dinitro-2-methylphenol	10.47	198	115	5.735	ng	# 1

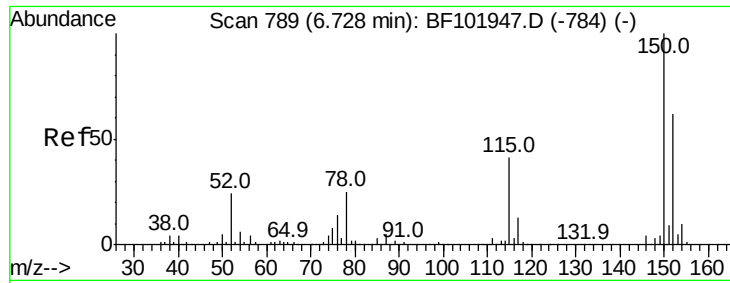
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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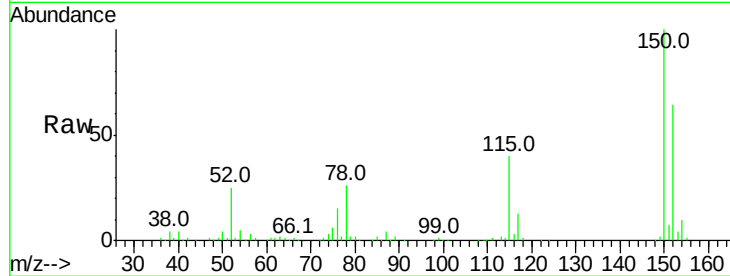


#1

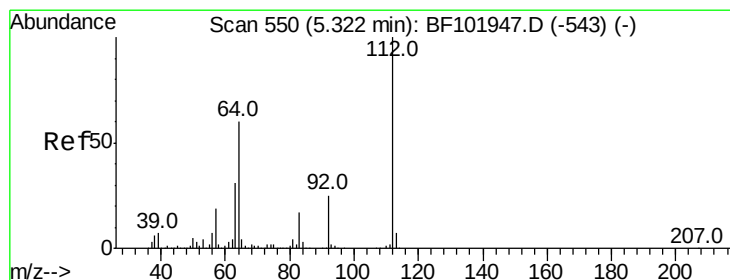
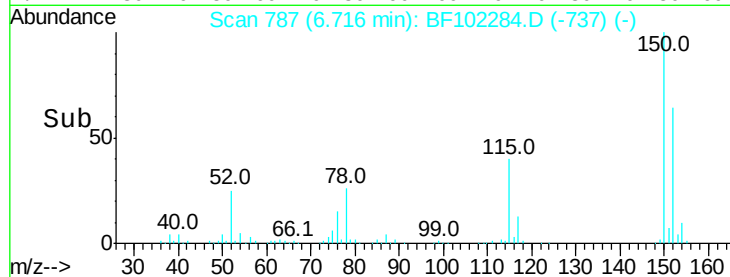
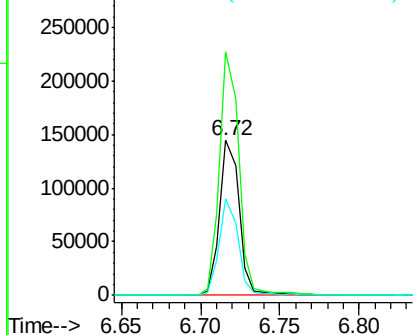
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102284.D
Acq: 21 Jan 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124604
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 62.5 50.1 75.1



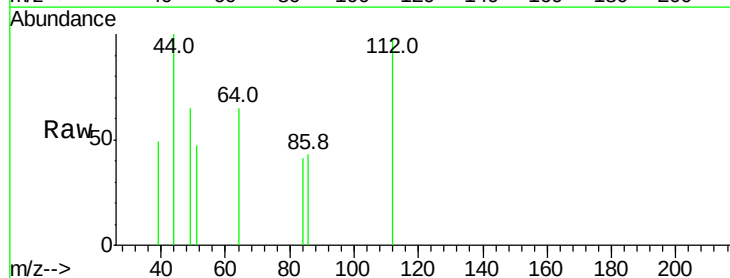
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



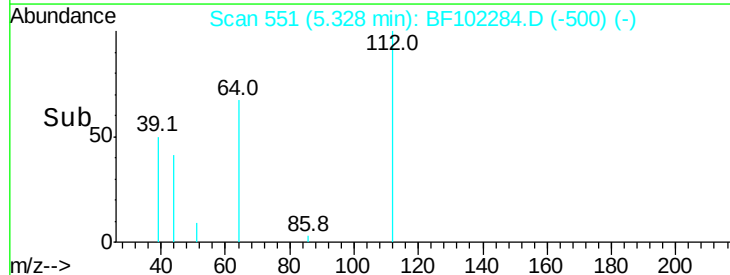
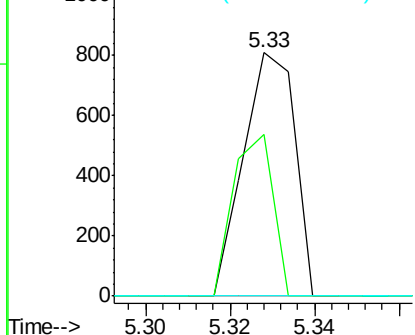
#5

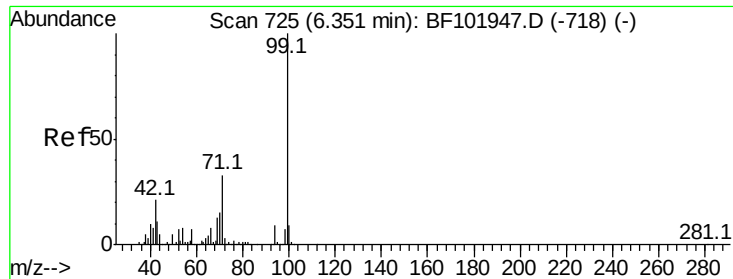
2-Fluorophenol
Concen: 0.078 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF102284.D
Acq: 21 Jan 2018 1:43

Tgt Ion:112 Resp: 684
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 0.0 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: 0.092 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102284.D

Acq: 21 Jan 2018 1:43

Instrument :

BNA_F

ClientSampled :

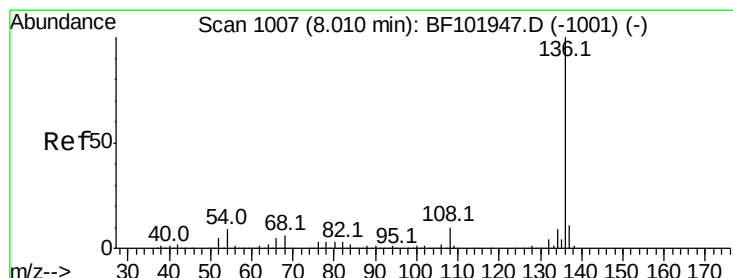
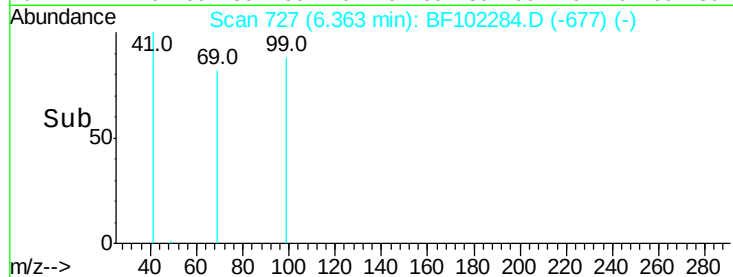
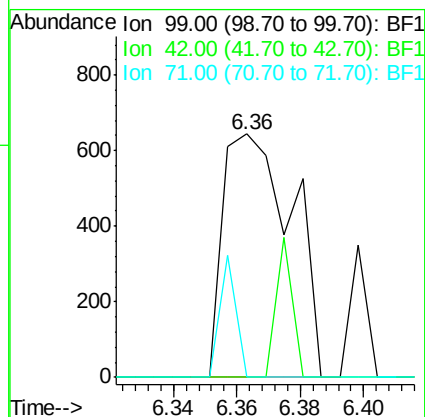
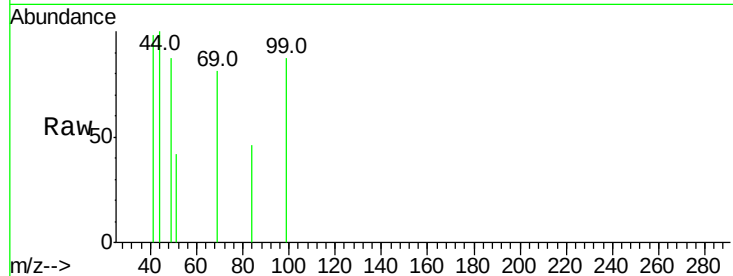
Tot Ion: 99 Resp: 968

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

71 0.0 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102284.D

Acq: 21 Jan 2018 1:43

Tgt Ion: 136 Resp: 496266

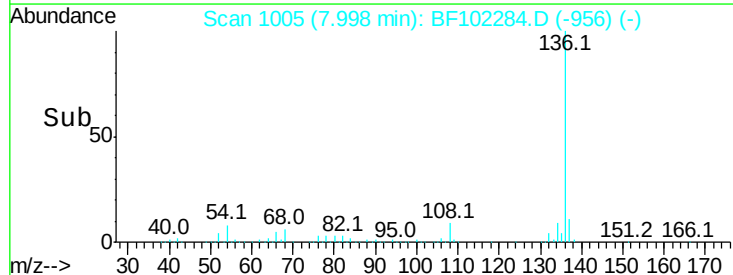
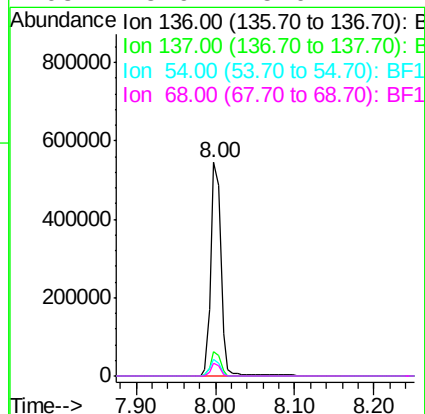
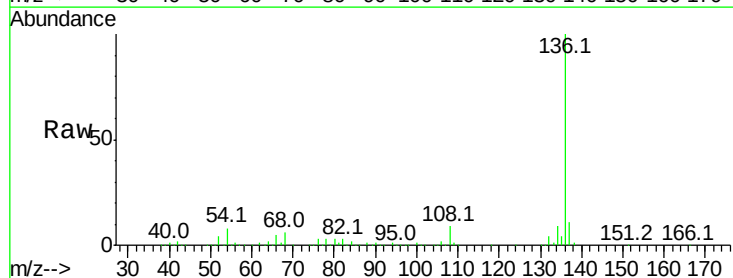
Ion Ratio Lower Upper

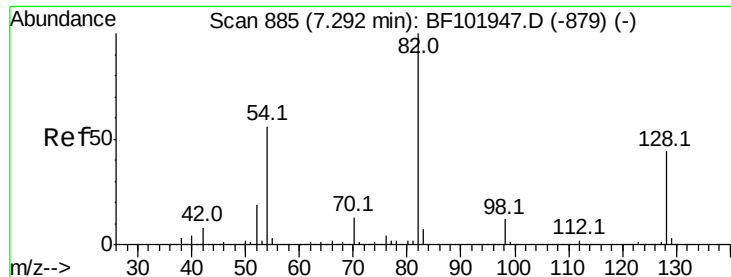
136 100

137 11.3 8.9 13.3

54 8.0 6.6 9.8

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.079 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102284.D

Acq: 21 Jan 2018 1:43

Instrument :

BNA_F

ClientSampleId :

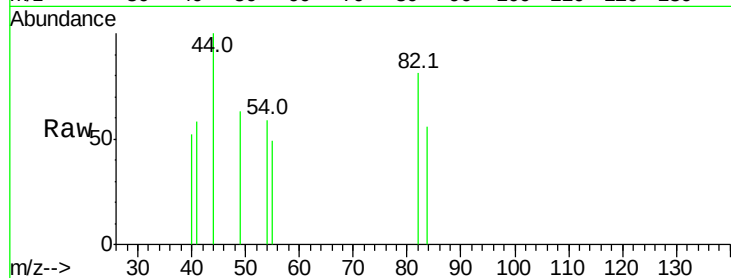
Tot Ion: 82 Resp: 664

Ion Ratio Lower Upper

82 100

128 0.0 36.1 54.1#

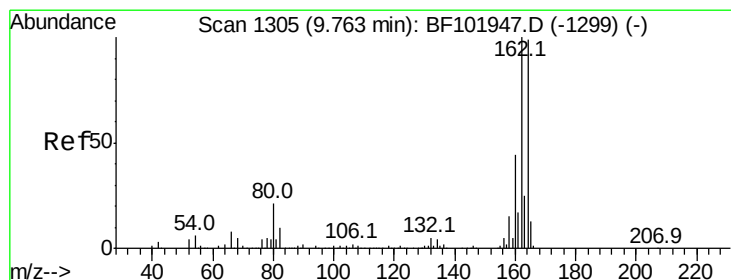
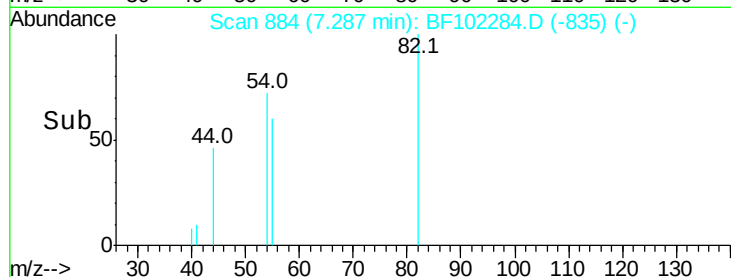
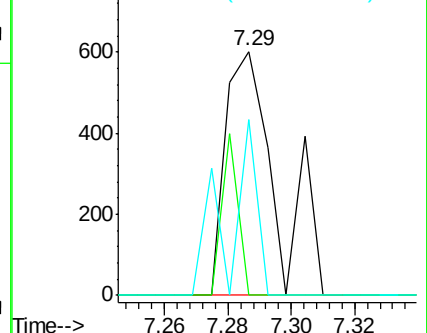
54 72.0 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102284.D

Acq: 21 Jan 2018 1:43

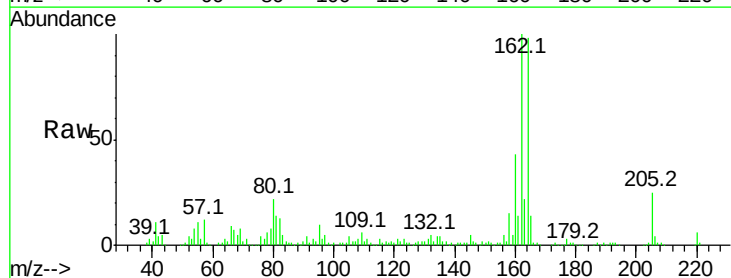
Tgt Ion: 164 Resp: 184686

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

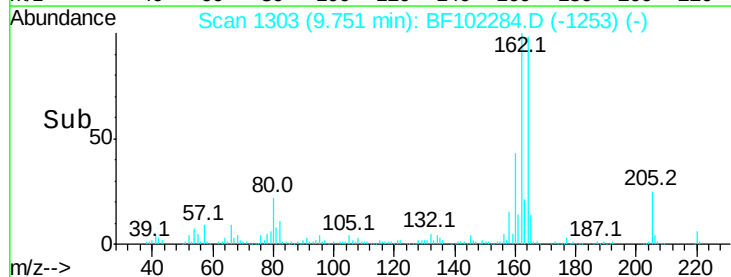
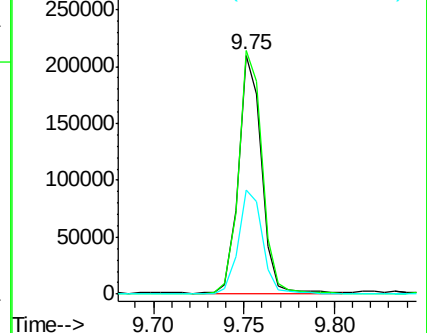
160 43.4 38.3 57.5

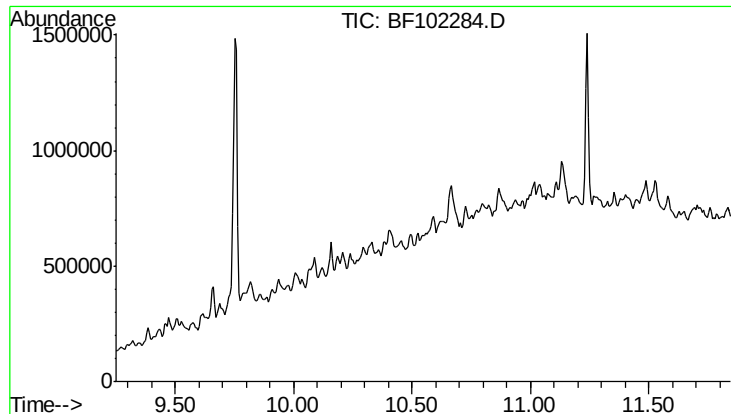


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

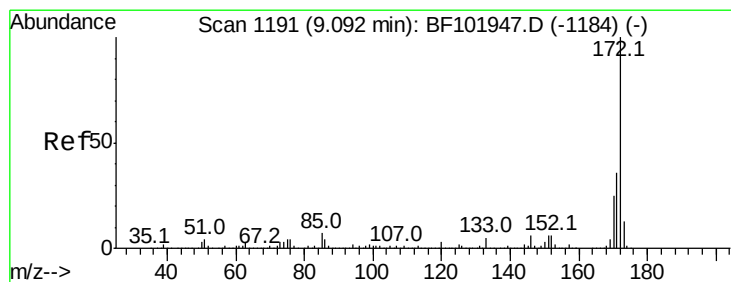
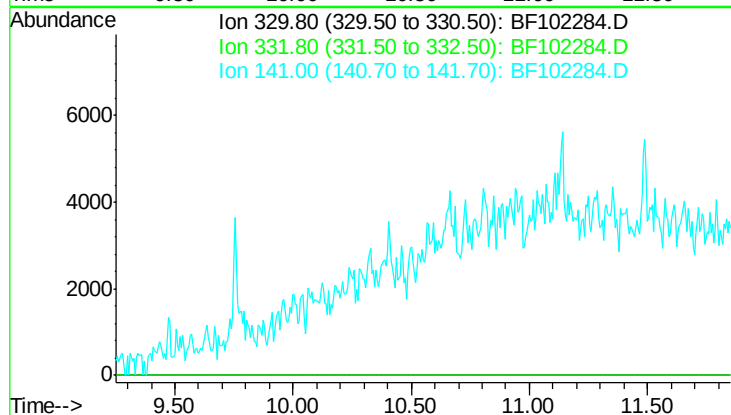




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.55 min
 Lab File: BF102284.D
 Acq: 21 Jan 2018 1:43

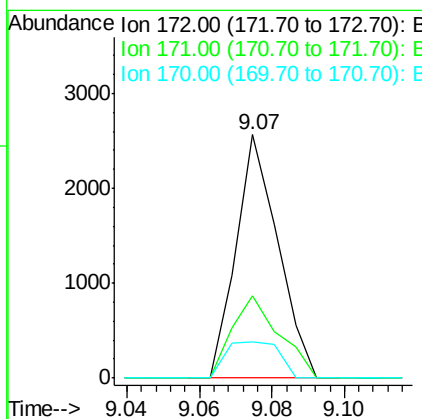
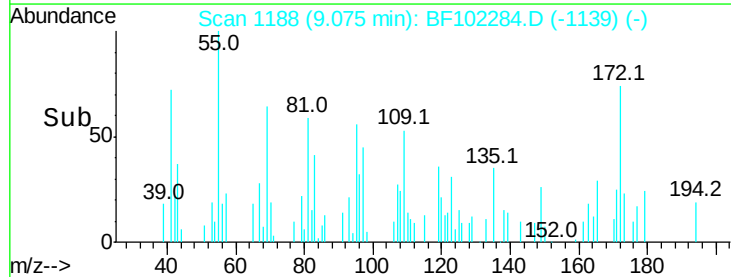
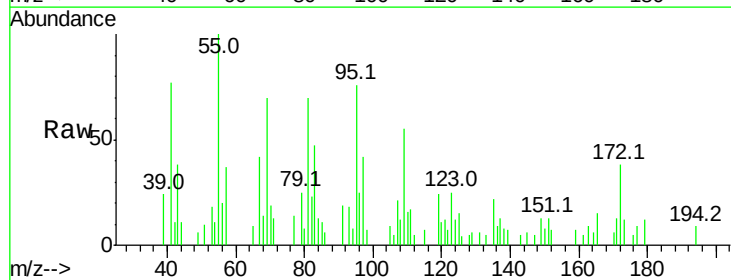
Instrument :
 BNA_F
 ClientSampleId :

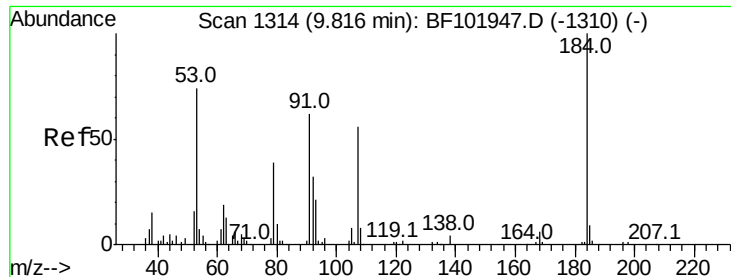
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.174 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102284.D
 Acq: 21 Jan 2018 1:43

Tgt Ion: 172 Resp: 2057
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.7 44.5
 170 14.7 19.6 29.4





#53

2,4-Dinitrophenol

Concen: 8.750 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.26 min

Lab File: BF102284.D

Acq: 21 Jan 2018 1:43

Instrument :

BNA_F

ClientSampled :

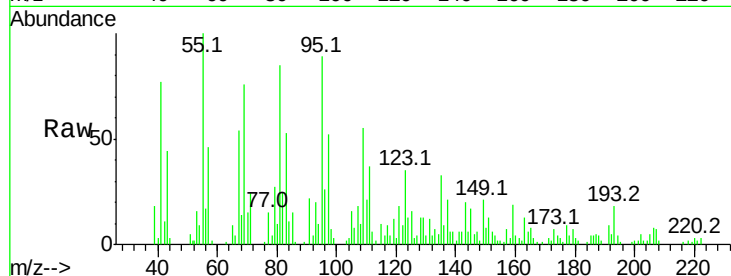
Tot Ion:184 Resp: 117

Ion Ratio Lower Upper

184 100

63 116.0 54.2 81.2#

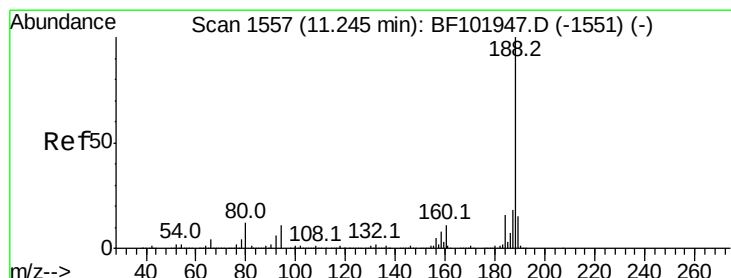
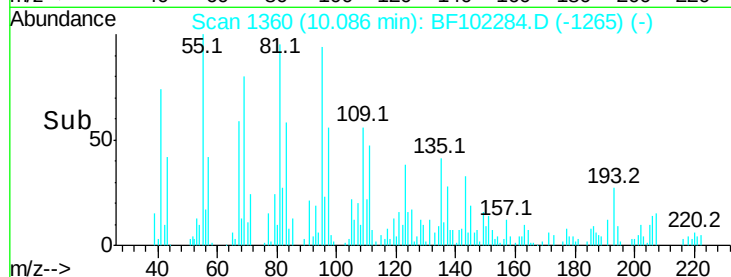
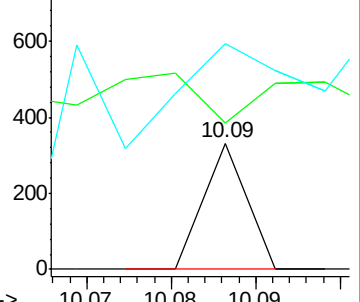
154 179.2 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102284.D

Acq: 21 Jan 2018 1:43

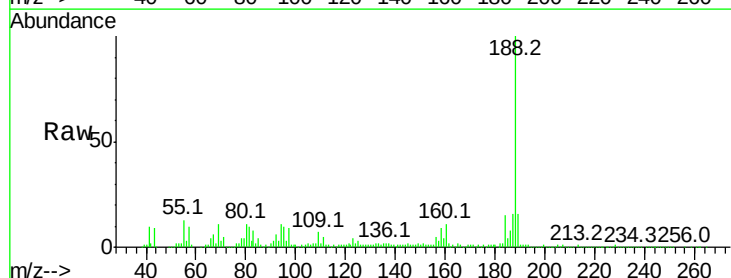
Tgt Ion:188 Resp: 257066

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

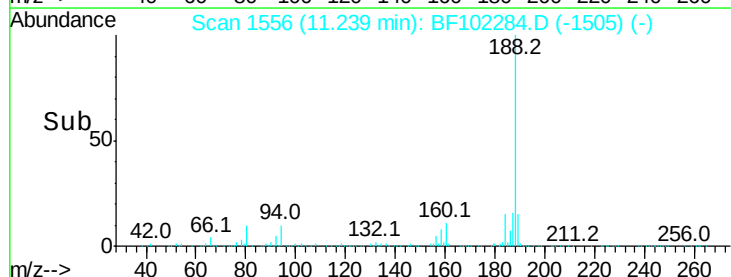
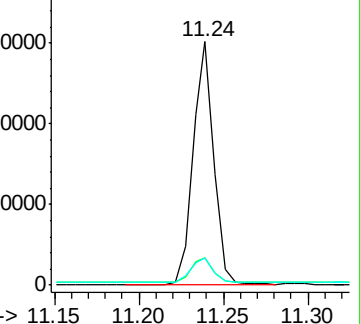
80 11.2 9.2 13.8

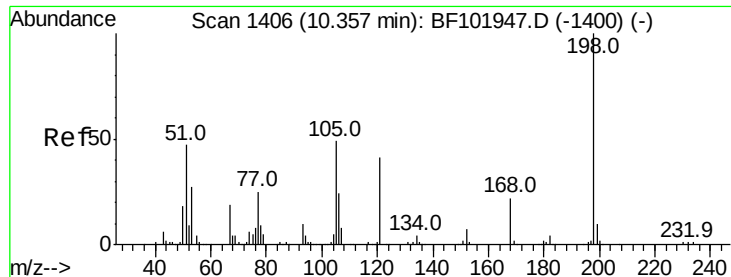


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

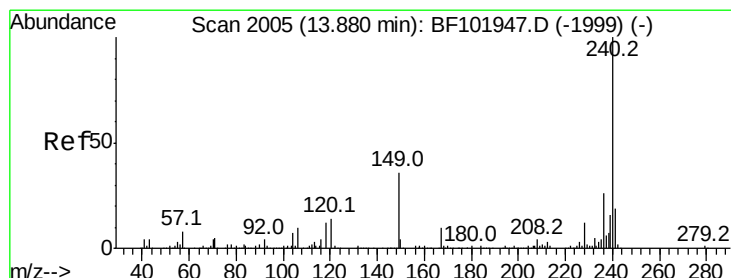
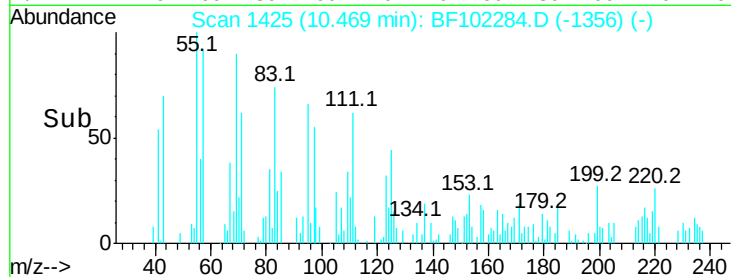
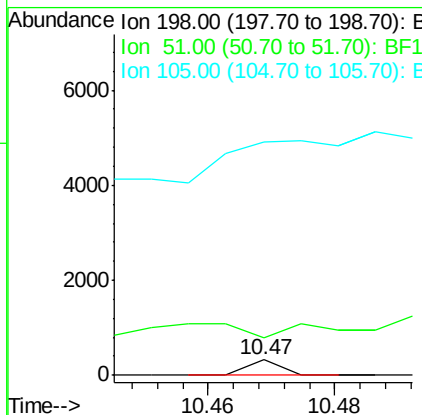
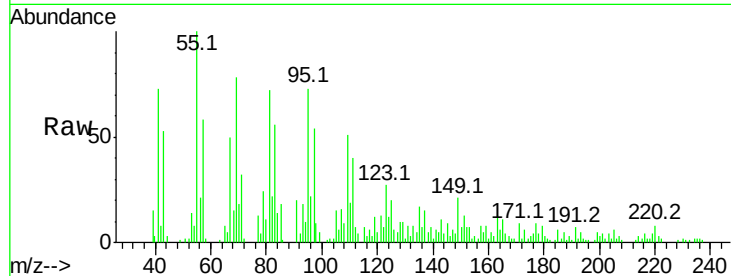




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.735 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.11 min
 Lab File: BF102284.D
 Acq: 21 Jan 2018 1:43

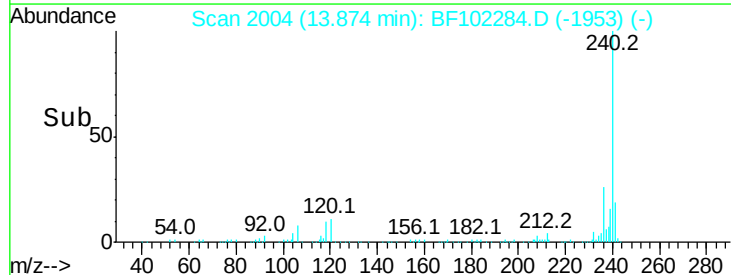
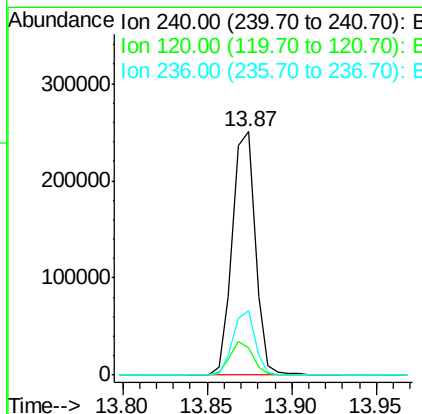
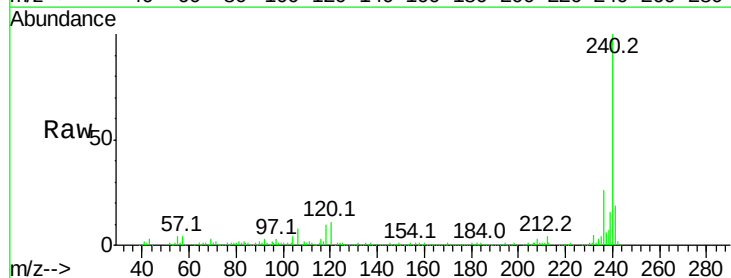
Instrument :
 BNA_F
 ClientSampleId :

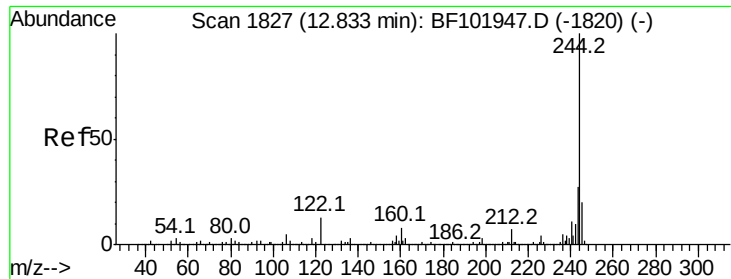
Tot Ion:198 Resp: 115
 Ion Ratio Lower Upper
 198 100
 51 244.0 37.7 77.7#
 105 1511.4 36.3 76.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF102284.D
 Acq: 21 Jan 2018 1:43

Tgt Ion:240 Resp: 238198
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 0.204 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102284.D

Acq: 21 Jan 2018 1:43

Instrument :

BNA_F

ClientSampleId :

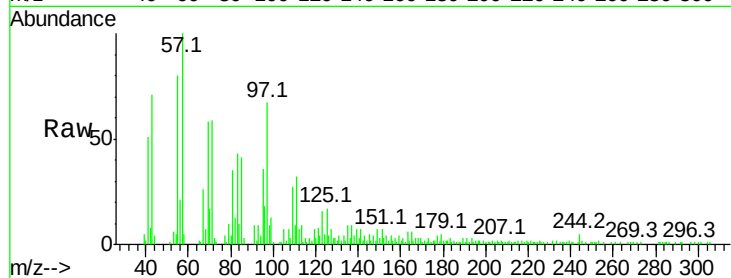
Tot Ion:244 Resp: 2342

Ion Ratio Lower Upper

244 100

212 20.2 5.4 8.0#

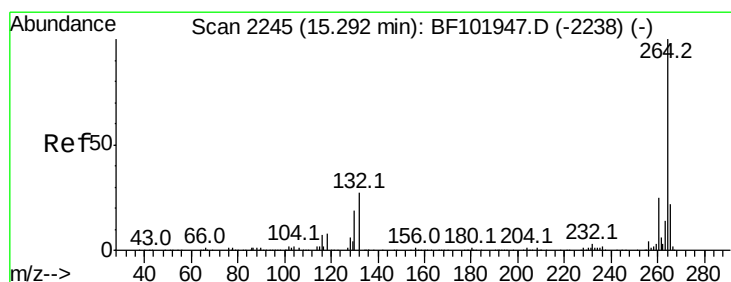
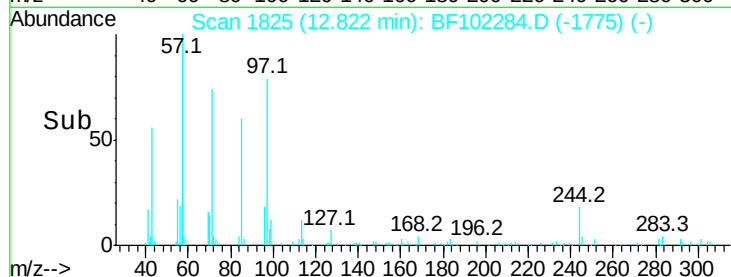
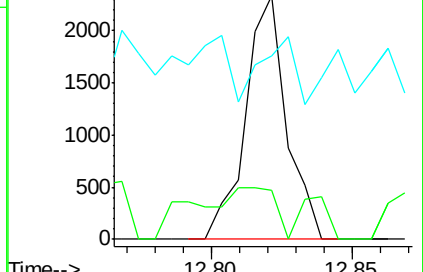
122 75.2 11.0 16.4#



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: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102284.D

Acq: 21 Jan 2018 1:43

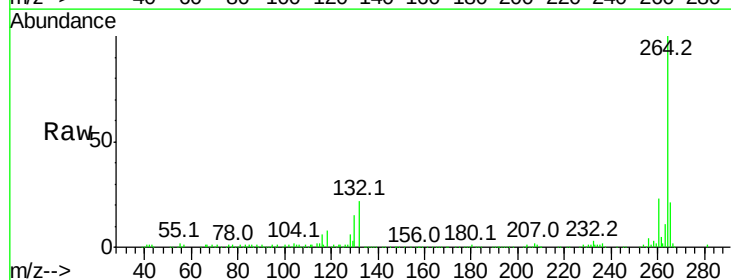
Tgt Ion:264 Resp: 208809

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.4 17.5 26.3



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

