

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092687.D
 Acq On : 31 Jan 2017 18:07
 Operator : SJ/MA
 Sample : I1588-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001

Quant Time: Feb 01 00:39:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

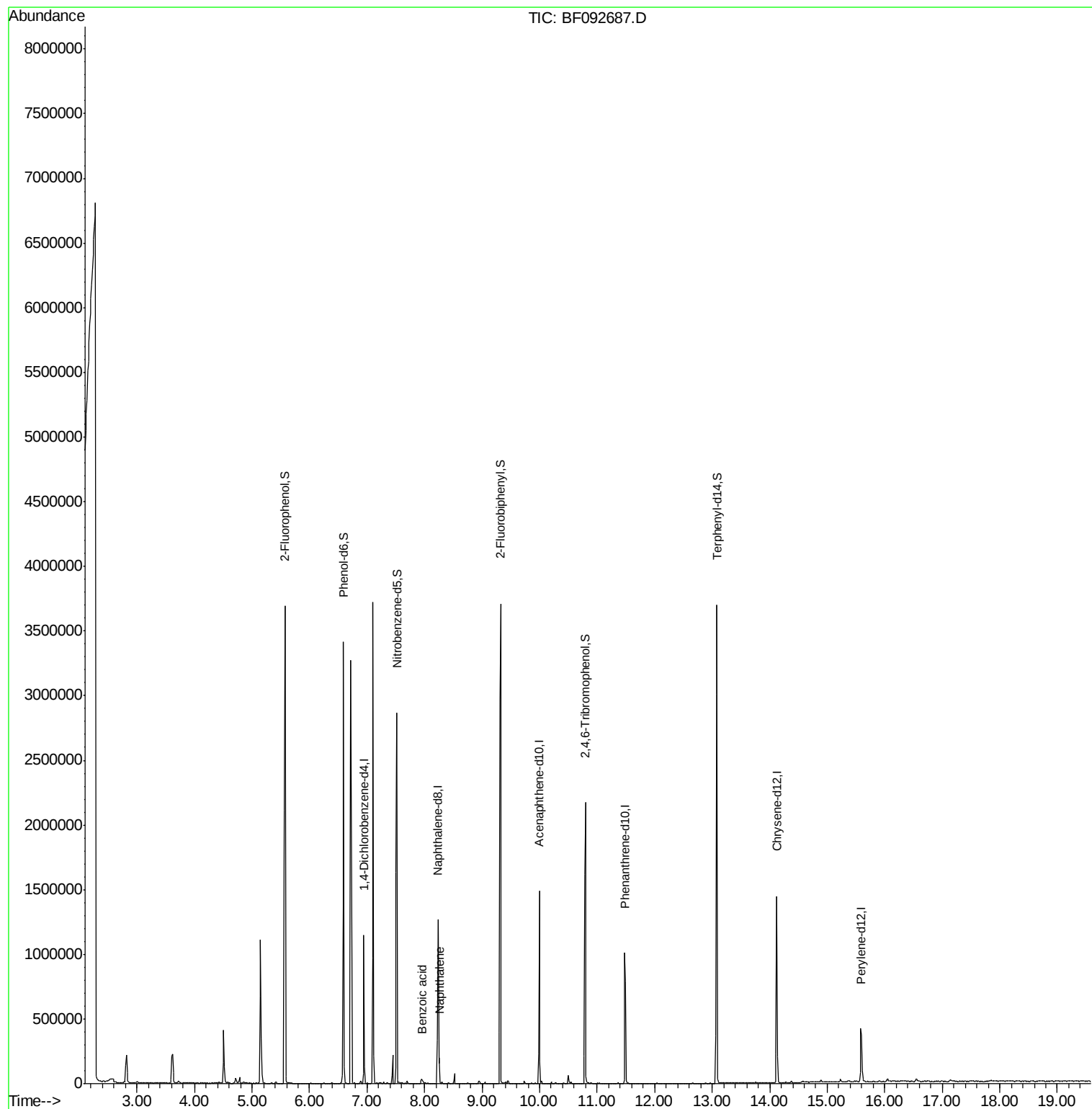
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148917	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	574575	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	306193	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	508019	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	454110	20.00	ng	-0.02
86) Perylene-d12	15.59	264	179229	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1145910	132.02	ng	0.00
7) Phenol-d6	6.59	99	1178249	105.50	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1077587	104.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	340212	153.62	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1700422	100.61	ng	-0.01
78) Terphenyl-d14	13.08	244	1613857	83.50	ng	0.00
Target Compounds						
31) Naphthalene	8.26	128	87695	3.01	ng	98
32) Benzoic acid	7.95	122	10651	8.97	ng	90

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092687.D

Acq: 31 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

WC-B15-B21-001

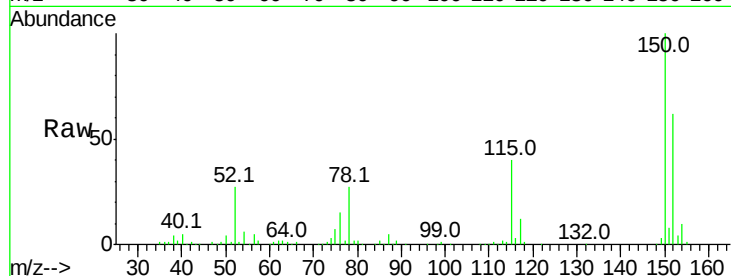
Tot Ion:152 Resp: 148917

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

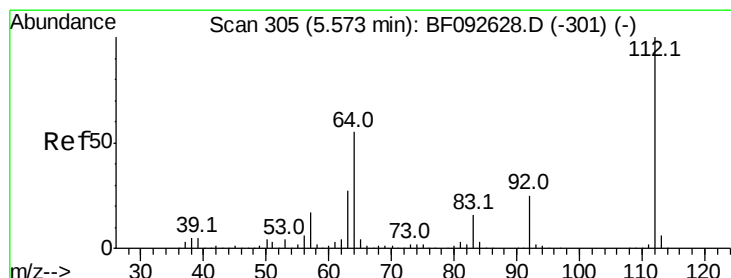
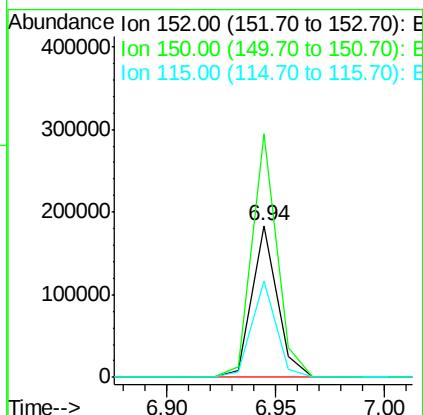
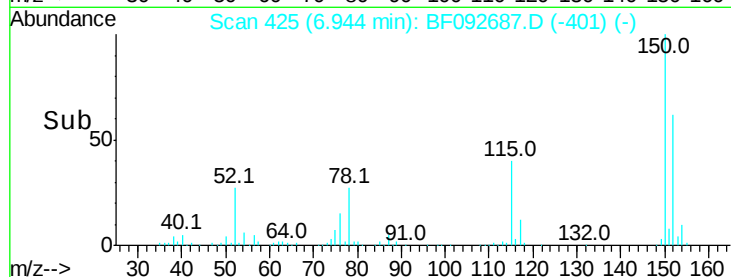
115 63.6 46.0 69.0



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: 132.02 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092687.D

Acq: 31 Jan 2017 18:07

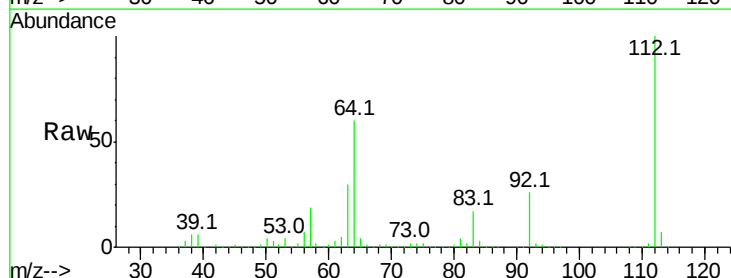
Tgt Ion:112 Resp: 1145910

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

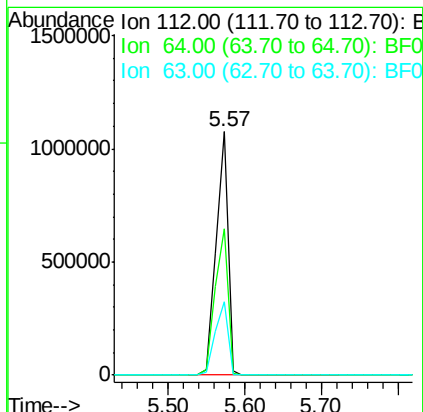
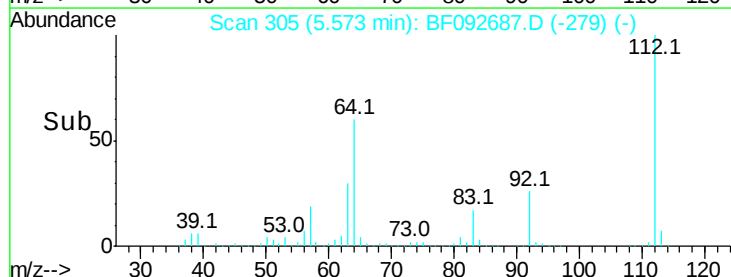
63 30.1 23.8 35.6

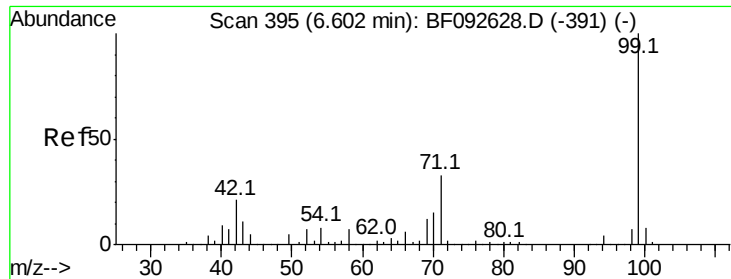


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.50 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092687.D

Acq: 31 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

WC-B15-B21-001

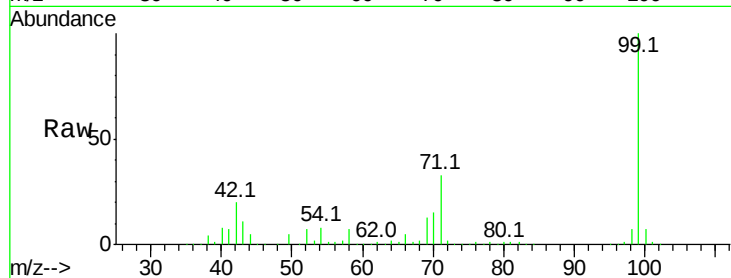
Tot Ion: 99 Resp: 1178249

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

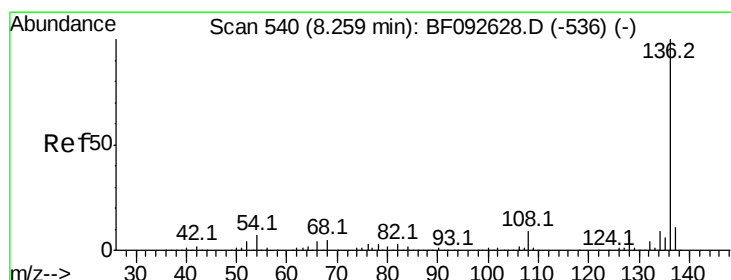
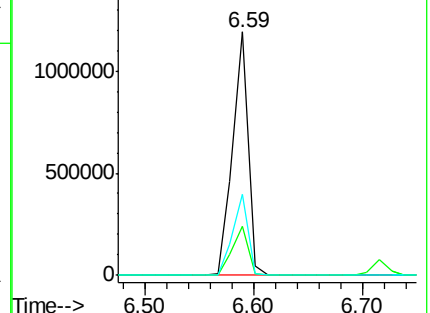
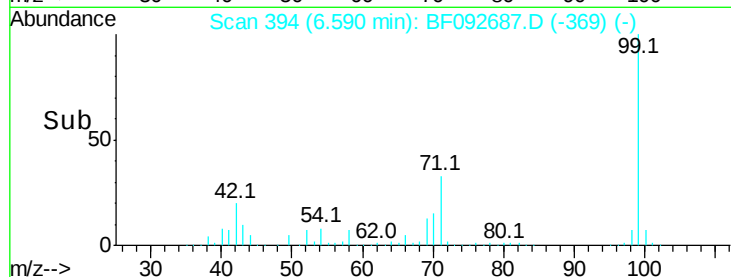
71 33.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092687.D

Acq: 31 Jan 2017 18:07

Tgt Ion:136 Resp: 574575

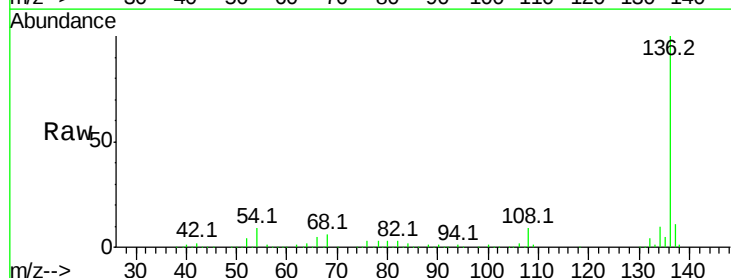
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.4 4.5 6.7#

68 6.5 3.6 5.4#

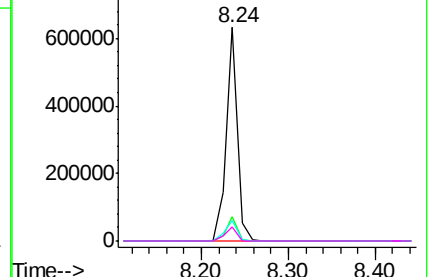
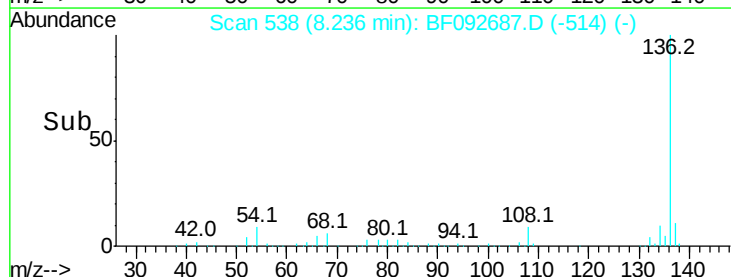


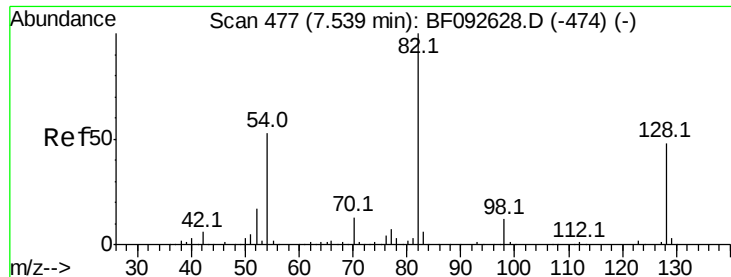
Abundance Ion 136.00 (135.70 to 136.70): E

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



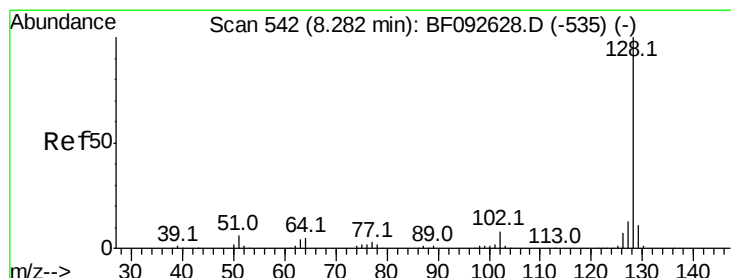
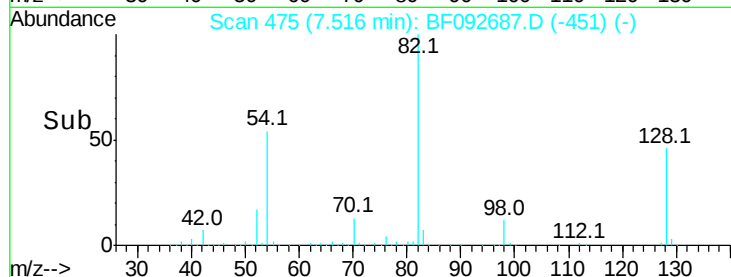
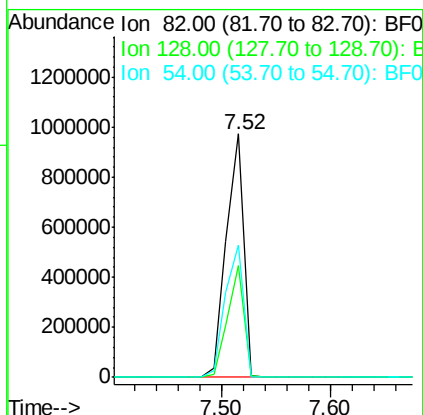
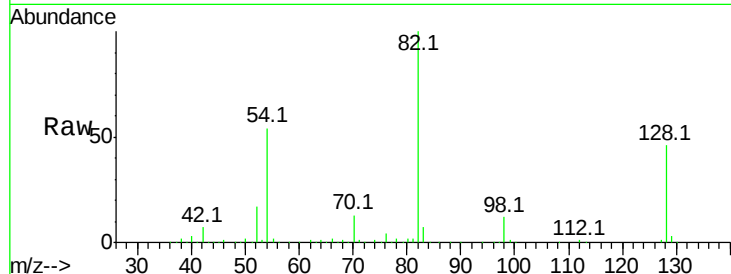


#23
 Nitrobenzene-d5
 Concen: 104.44 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092687.D
 Acq: 31 Jan 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001

Tot Ion: 82 Resp: 1077587

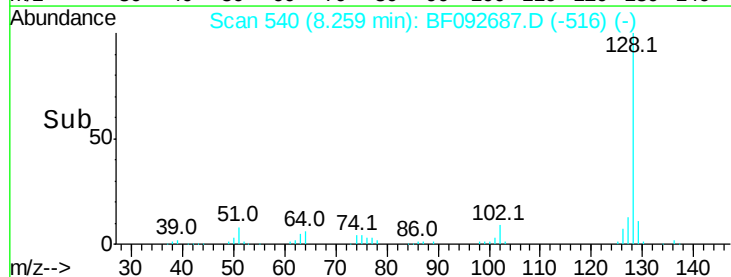
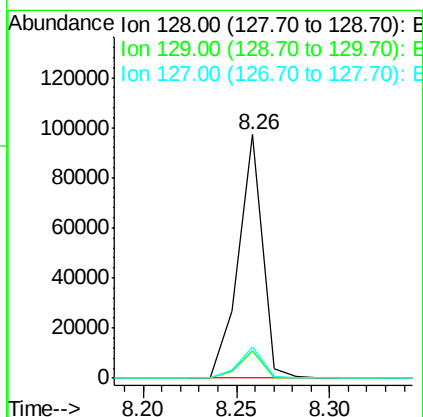
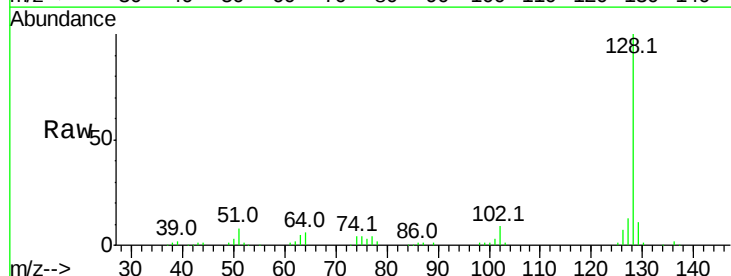
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	52.0
54	54.2	39.5	59.3

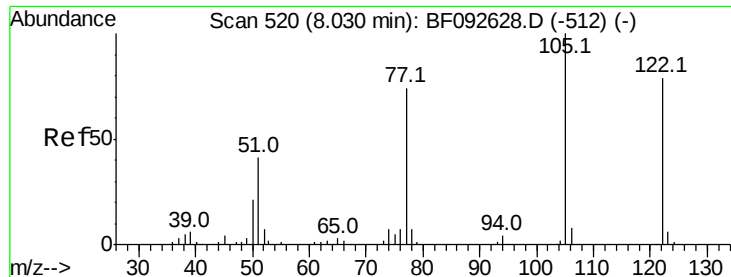


#31
 Naphthalene
 Concen: 3.01 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF092687.D
 Acq: 31 Jan 2017 18:07

Tgt Ion: 128 Resp: 87695

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	12.8	10.8	16.2

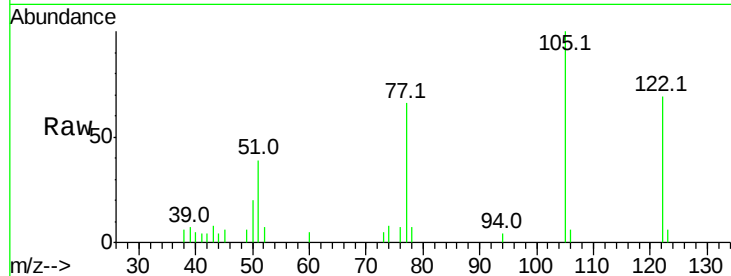




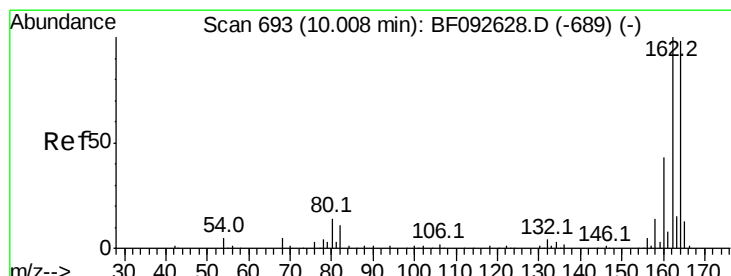
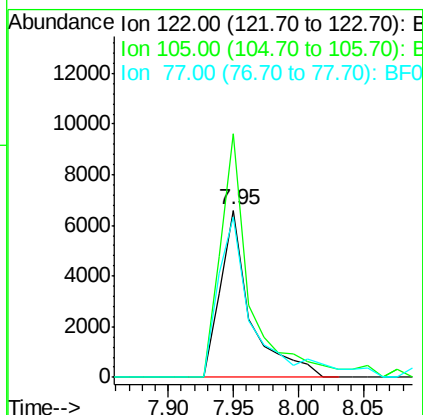
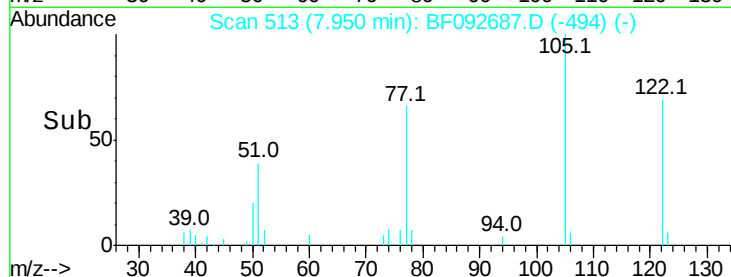
#32
Benzoic acid
Concen: 8.97 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.08 min
Lab File: BF092687.D
Acq: 31 Jan 2017 18:07

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001

Tot Ion:122 Resp: 10651
Ion Ratio Lower Upper
122 100
105 145.5 107.2 147.2
77 95.6 74.5 114.5

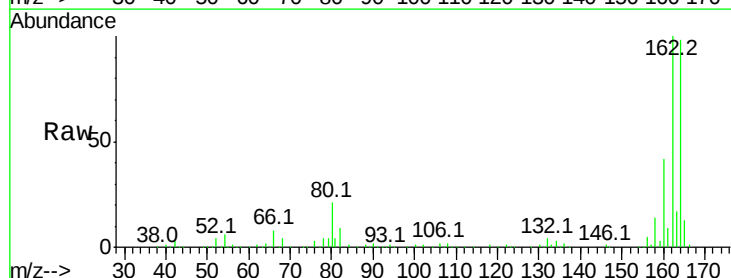


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

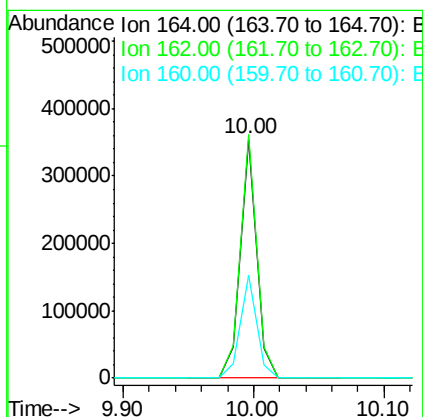
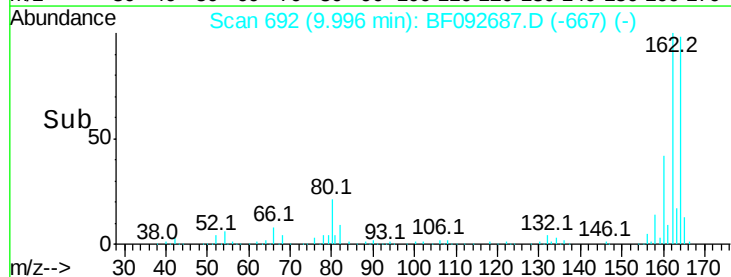


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092687.D
Acq: 31 Jan 2017 18:07

Tgt Ion:164 Resp: 306193
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 43.2 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

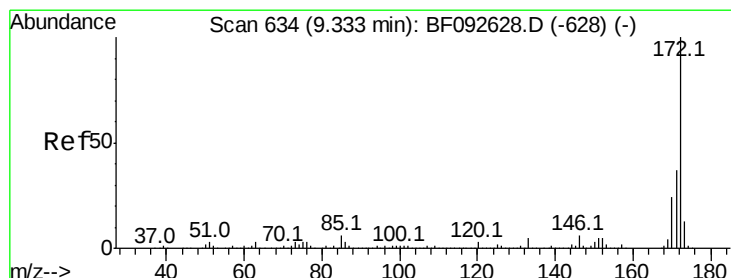
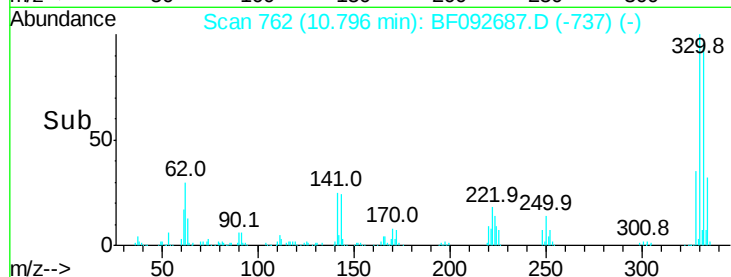
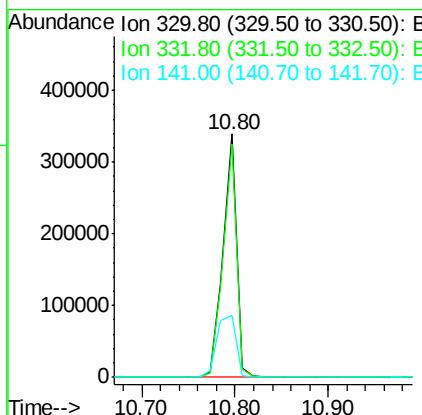
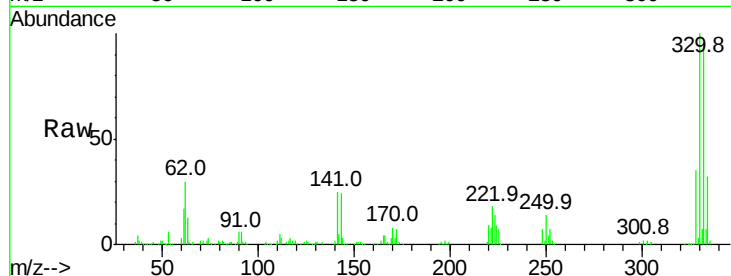




#41
 2,4,6-Tribromophenol
 Concen: 153.62 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092687.D
 Acq: 31 Jan 2017 18:07

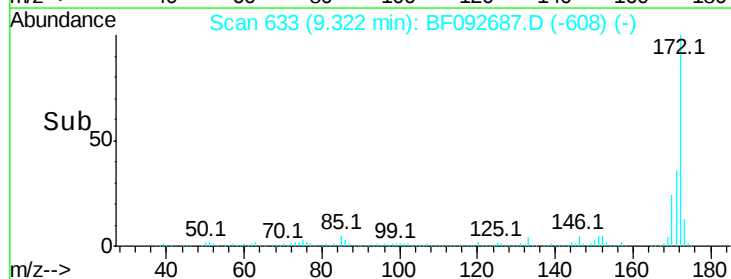
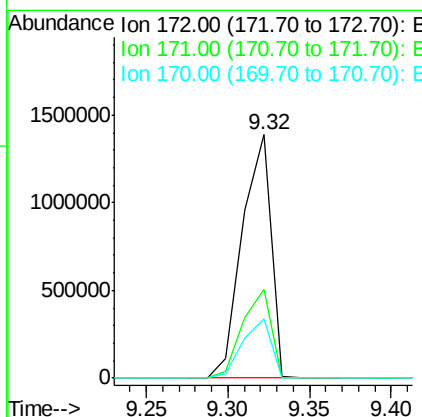
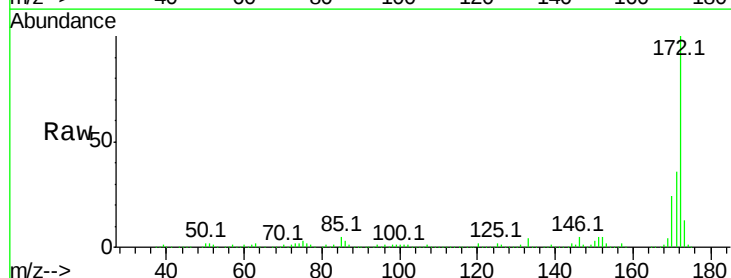
Instrument :
 BNA_F
 ClientSampleId :
 WC-B15-B21-001

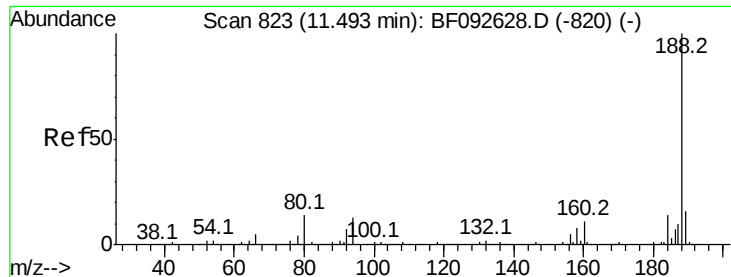
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	36.0	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 100.61 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092687.D
 Acq: 31 Jan 2017 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.1	20.2	30.4

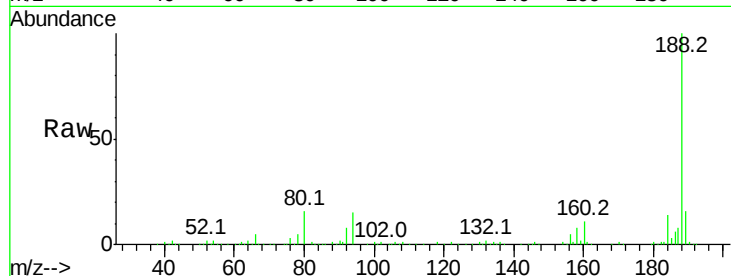




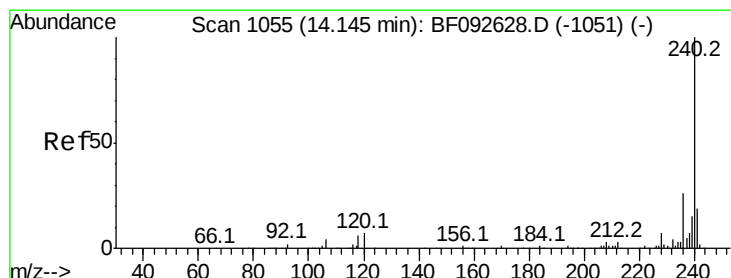
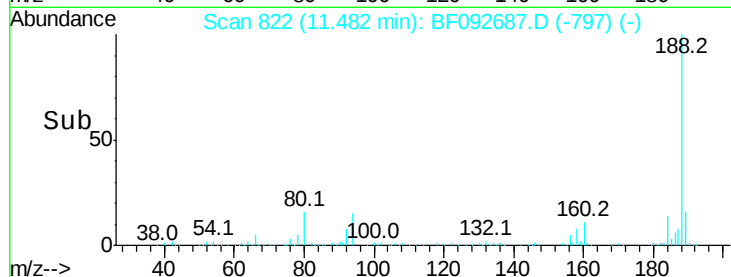
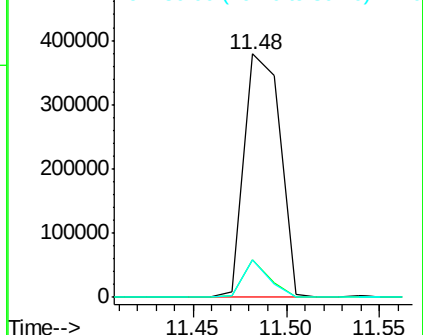
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092687.D
Acq: 31 Jan 2017 18:07

Instrument :
BNA_F
ClientSampleId :
WC-B15-B21-001

Tot Ion:188 Resp: 508019
Ion Ratio Lower Upper
188 100
94 15.5 10.0 15.0#
80 15.7 11.2 16.8

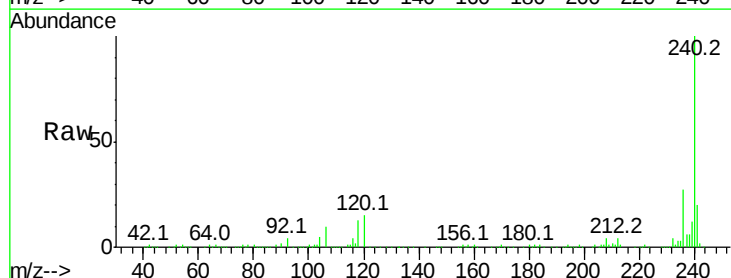


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

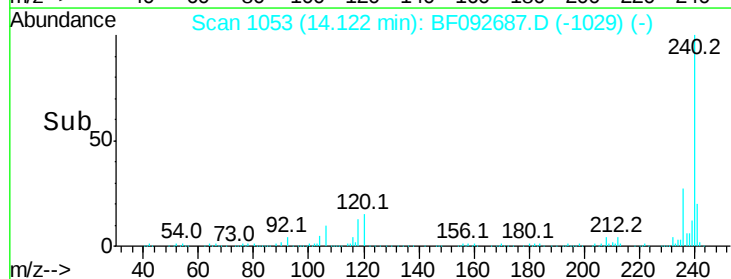
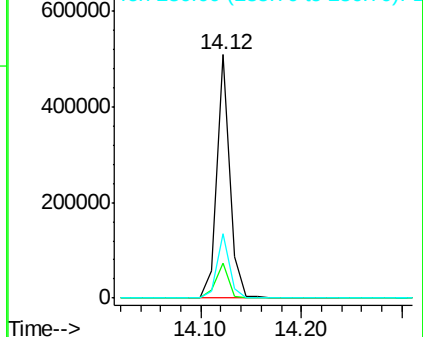


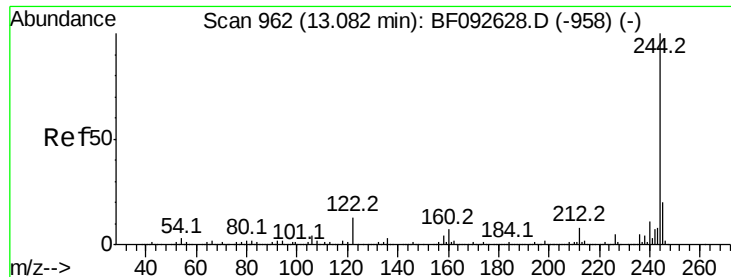
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092687.D
Acq: 31 Jan 2017 18:07

Tgt Ion:240 Resp: 454110
Ion Ratio Lower Upper
240 100
120 14.5 12.9 19.3
236 26.6 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: 83.50 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092687.D

Acq: 31 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

WC-B15-B21-001

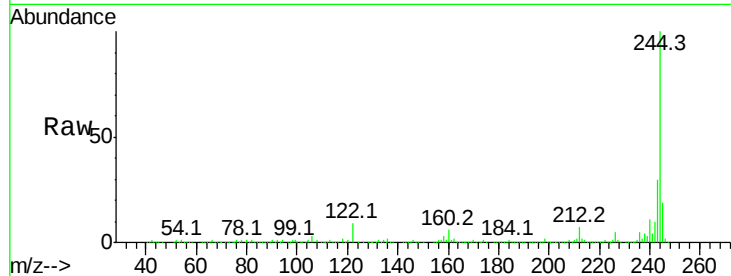
Tot Ion:244 Resp: 1613857

Ion Ratio Lower Upper

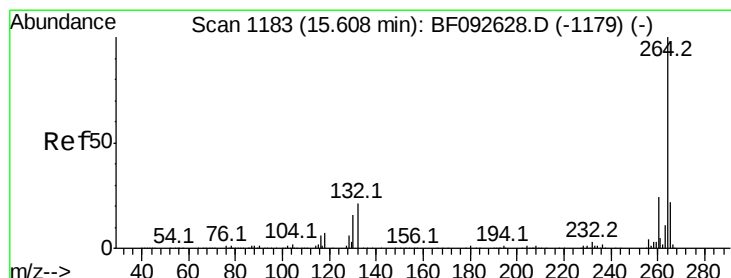
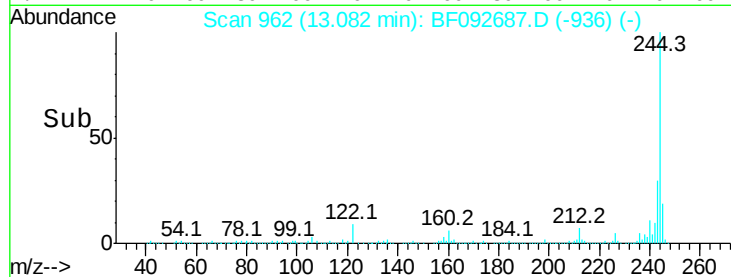
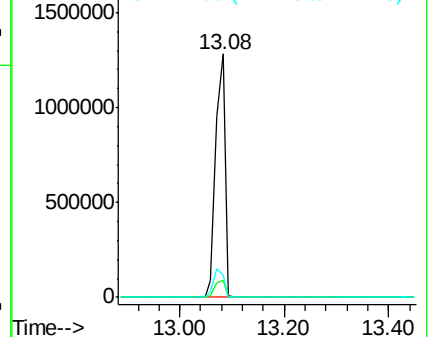
244 100

212 7.1 6.2 9.2

122 9.1 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: 15.59 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF092687.D

Acq: 31 Jan 2017 18:07

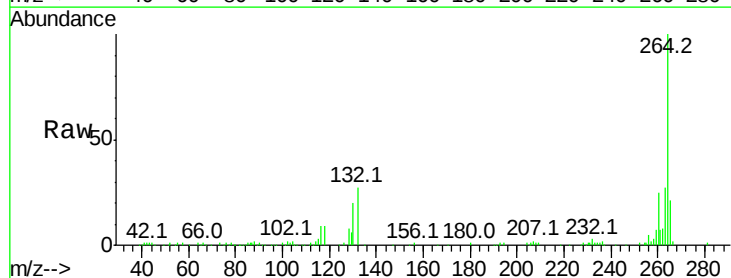
Tgt Ion:264 Resp: 179229

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.2 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

