

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092041.D
 Acq On : 30 Dec 2016 12:02
 Operator : UM/SJ
 Sample : H6301-04RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27RE

Quant Time: Dec 30 15:43:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

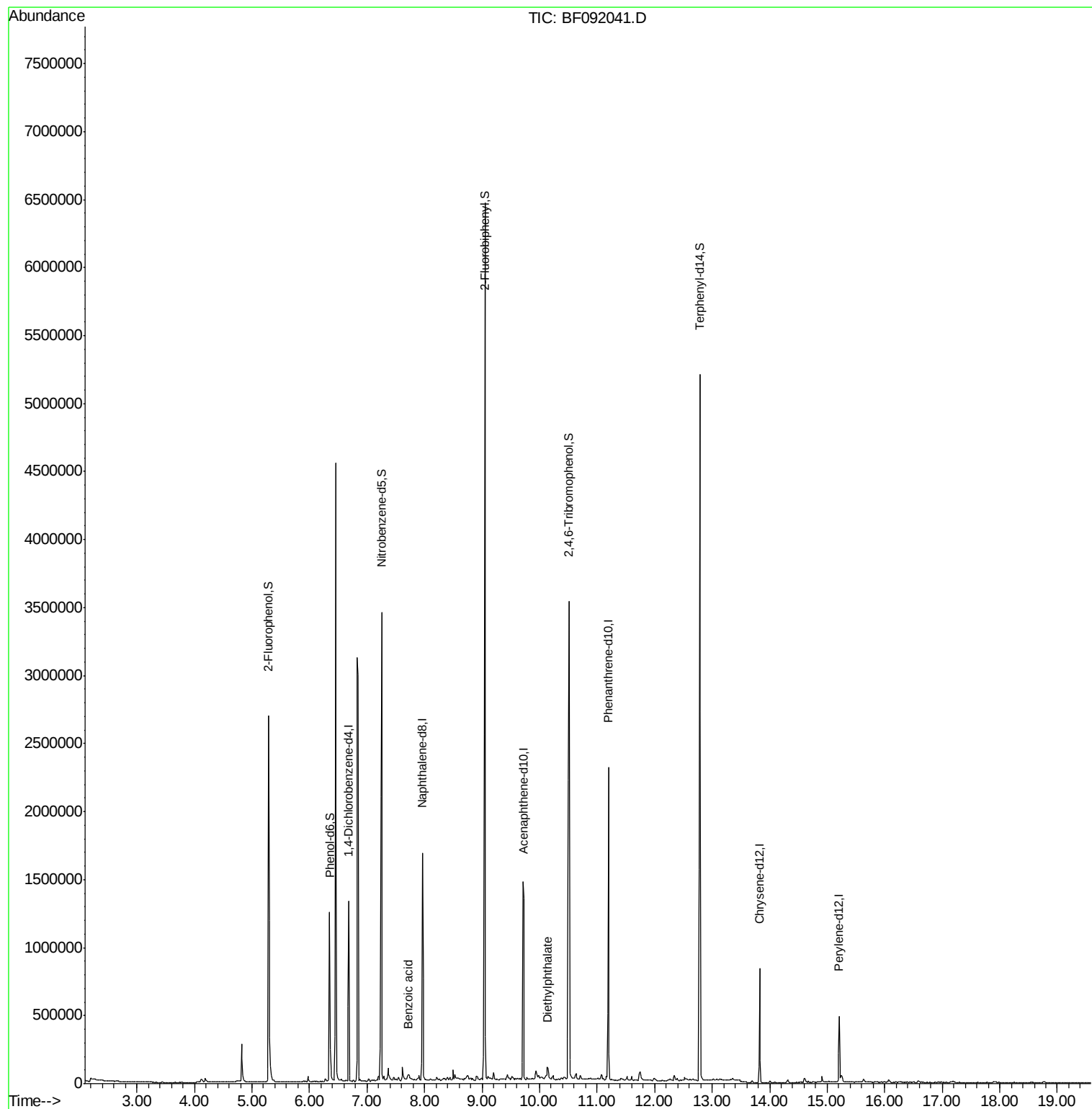
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	219941	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	871519	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	476316	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	805653	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	283766	20.00	ng	-0.05
86) Perylene-d12	15.21	264	210376	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	905648	68.75	ng	-0.03
7) Phenol-d6	6.35	99	692447	43.06	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1427125	91.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	494916	125.55	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2110054	91.80	ng	-0.03
78) Terphenyl-d14	12.79	244	2196337	187.71	ng	-0.03
Target Compounds						
32) Benzoic acid	7.72	122	21472	2.12	ng	99
59) Diethylphthalate	10.13	149	65135	2.20	ng	100

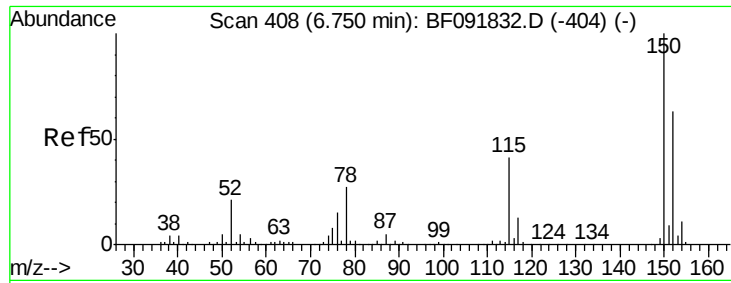
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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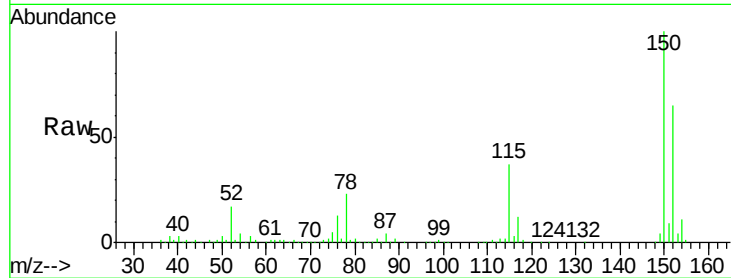


#1

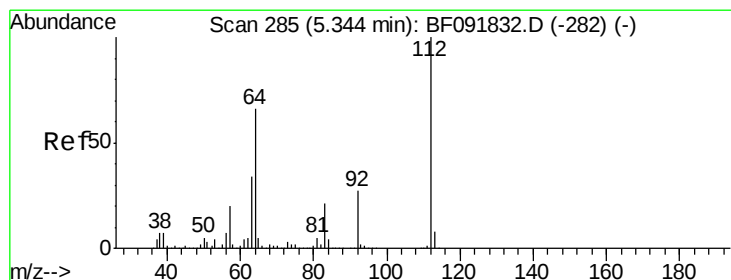
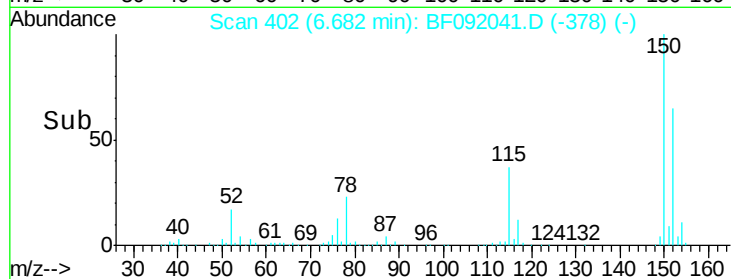
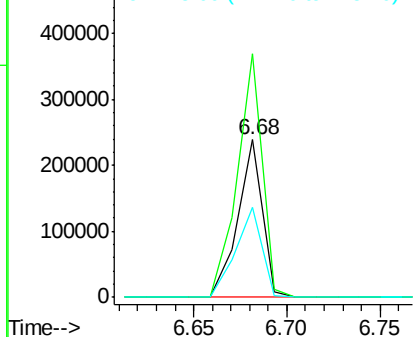
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :
MW-27RE

Tot Ion:152 Resp: 219941
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 57.4 46.0 69.0



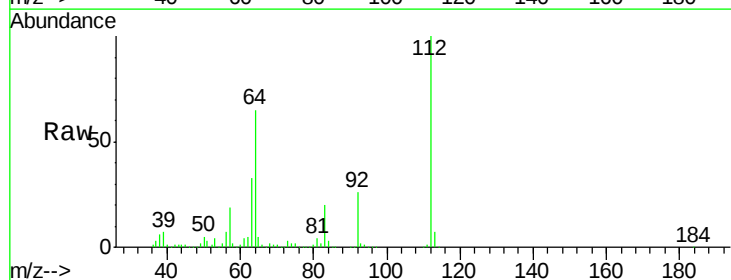
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



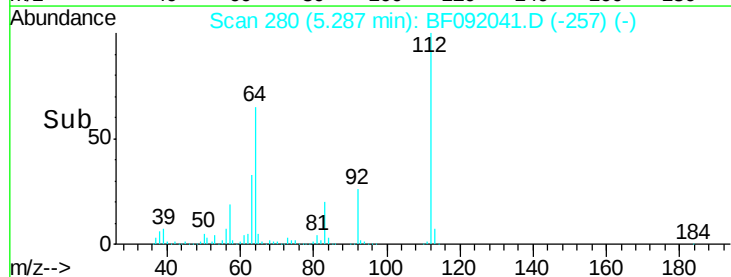
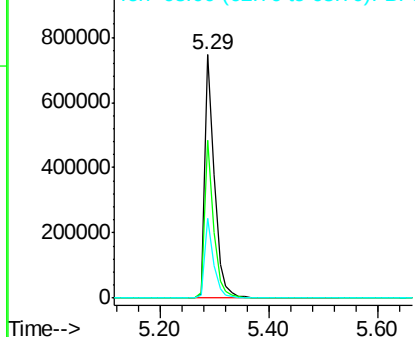
#5

2-Fluorophenol
Concen: 68.75 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:112 Resp: 905648
Ion Ratio Lower Upper
112 100
64 64.9 46.1 69.1
63 32.8 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: 43.06 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Instrument :

BNA_F

ClientSampleId :

MW-27RE

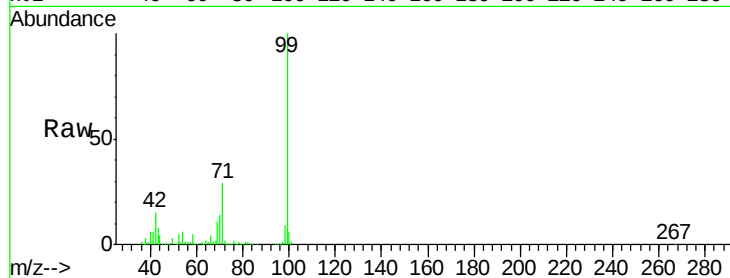
Tot Ion: 99 Resp: 692447

Ion Ratio Lower Upper

99 100

42 15.0 15.6 23.4#

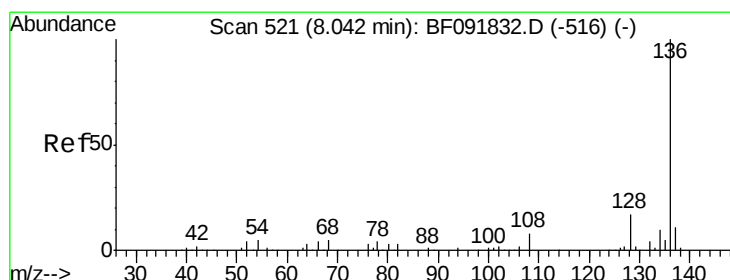
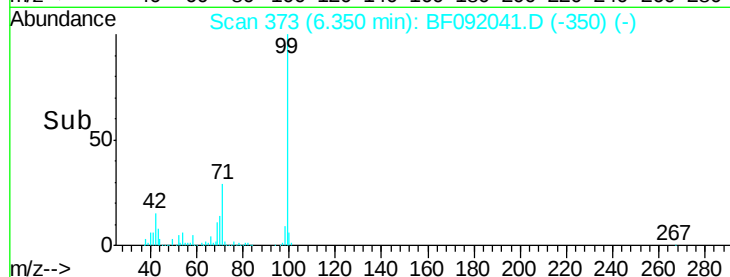
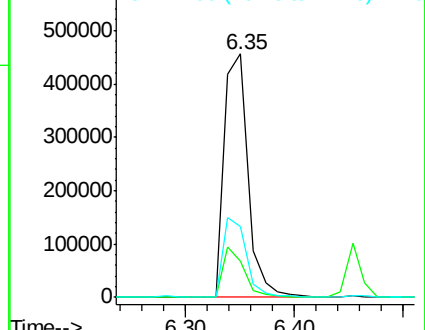
71 28.8 27.5 41.3



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: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Tgt Ion: 136 Resp: 871519

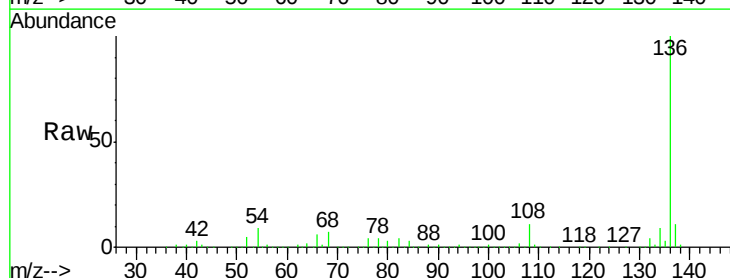
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.3 4.5 6.7#

68 7.0 3.6 5.4#

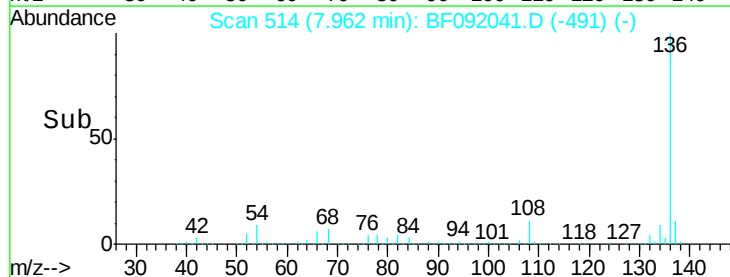
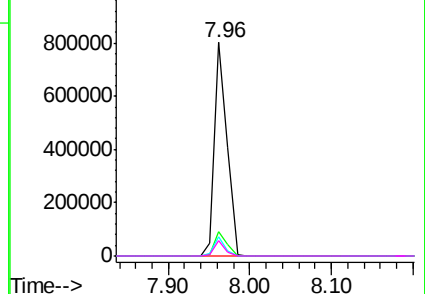


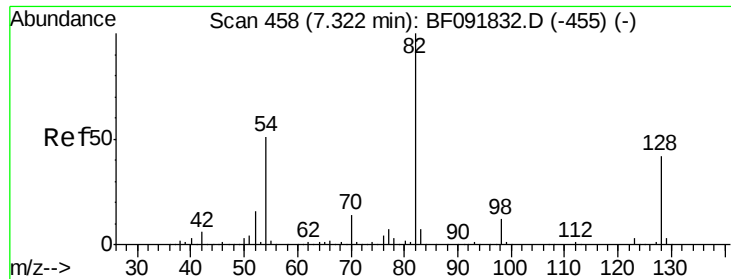
Abundance Ion 136.00 (135.70 to 136.70): E

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

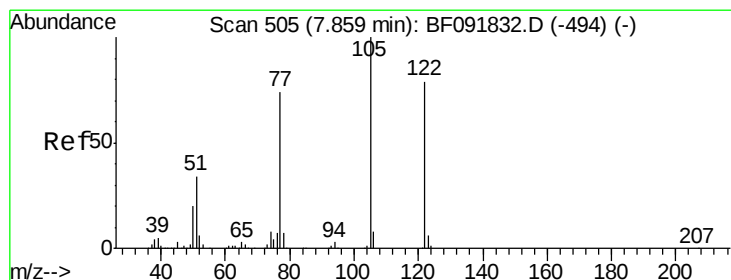
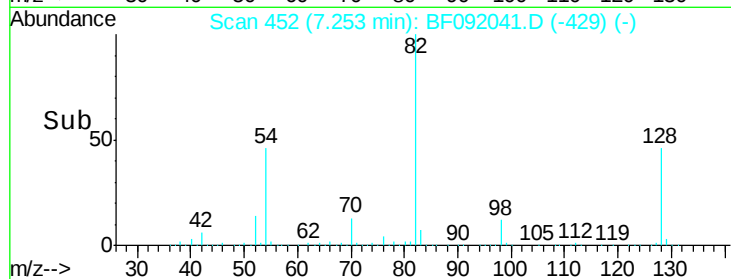
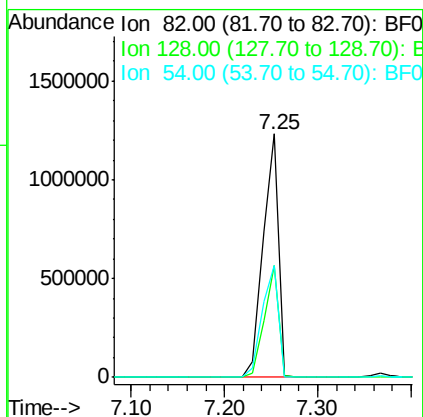
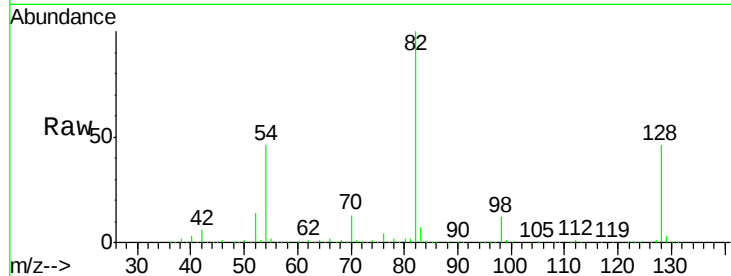




#23
Nitrobenzene-d5
Concen: 91.06 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

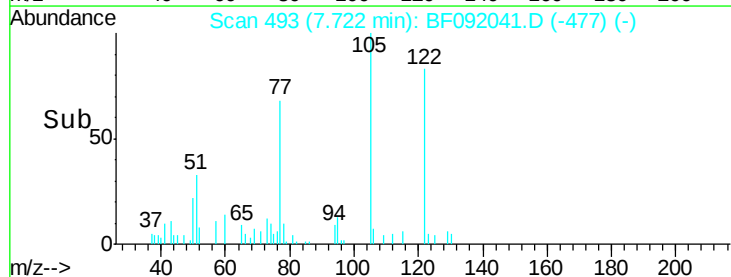
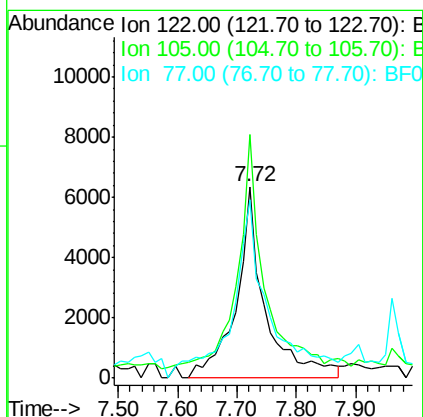
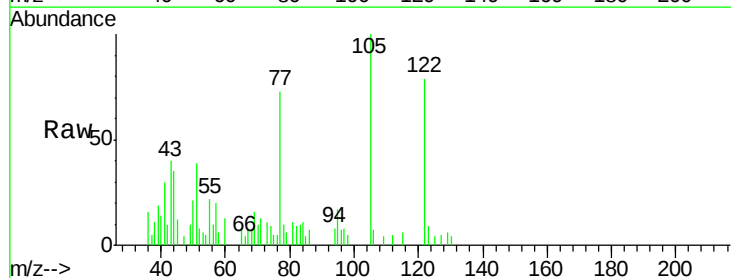
Instrument :
BNA_F
ClientSampleId :
MW-27RE

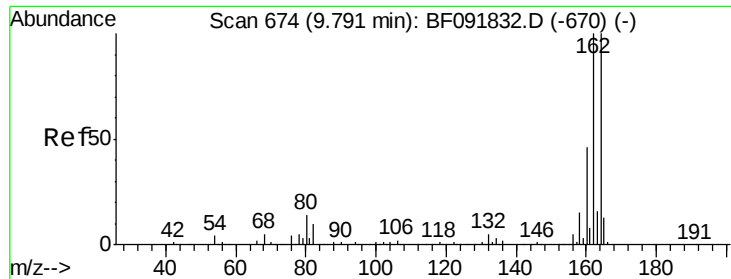
Tot Ion: 82 Resp: 1427125
Ion Ratio Lower Upper
82 100
128 46.1 34.6 52.0
54 45.8 39.5 59.3



#32
Benzoic acid
Concen: 2.12 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.11 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:122 Resp: 21472
Ion Ratio Lower Upper
122 100
105 127.4 107.2 147.2
77 93.5 74.5 114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Instrument :

BNA_F

ClientSampleId :

MW-27RE

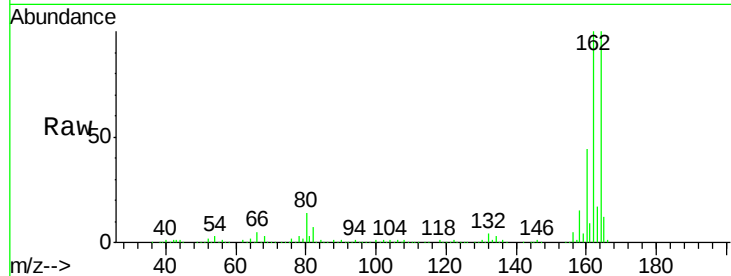
Tot Ion:164 Resp: 476316

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

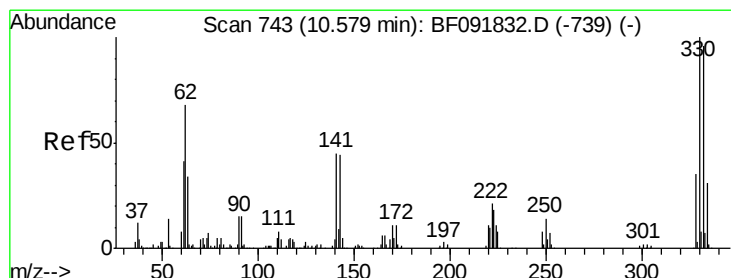
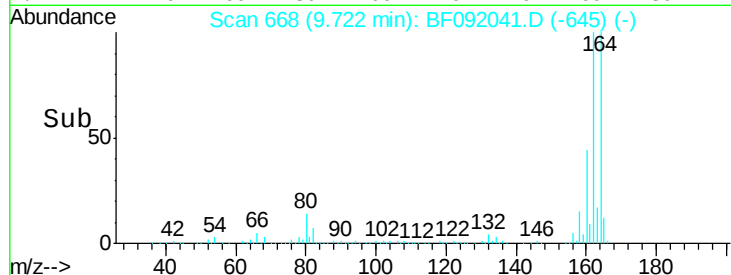
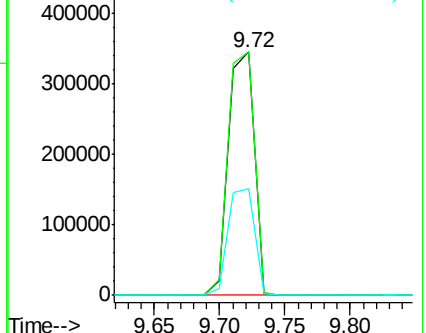
160 43.7 36.9 55.3



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: 125.55 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

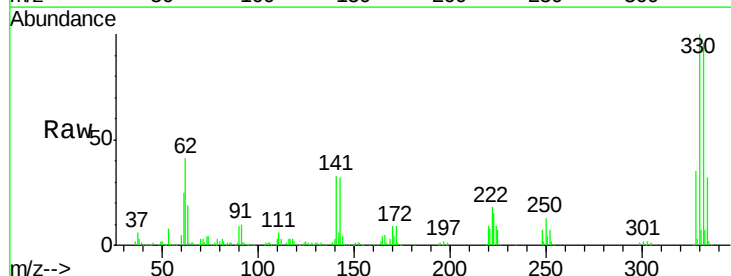
Tgt Ion:330 Resp: 494916

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

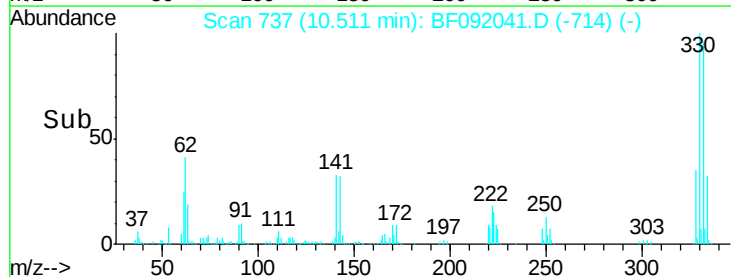
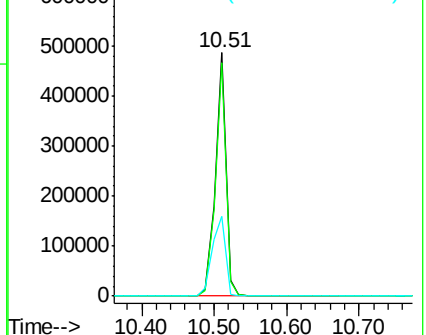
141 41.1 34.1 51.1

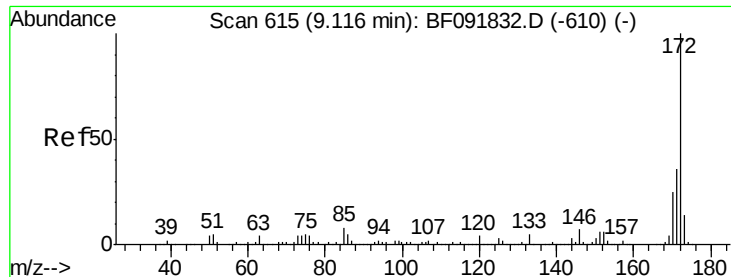


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



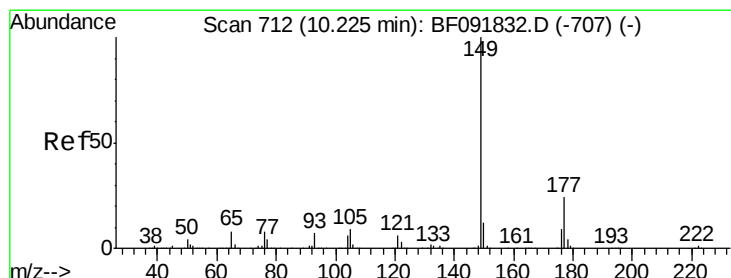
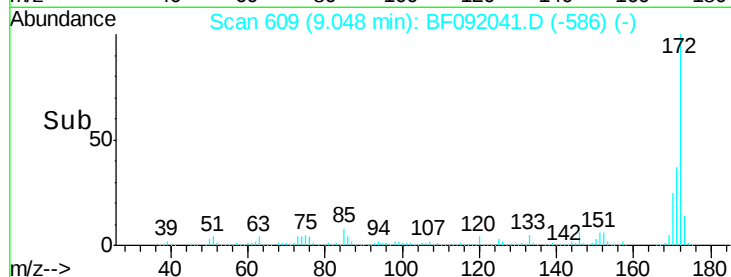
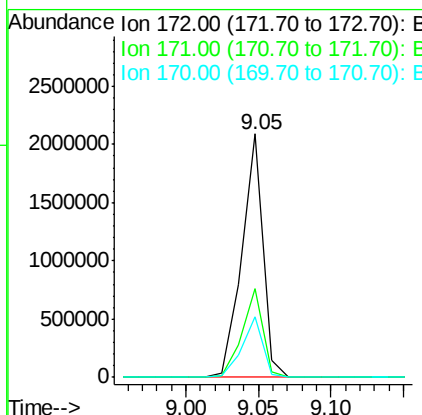
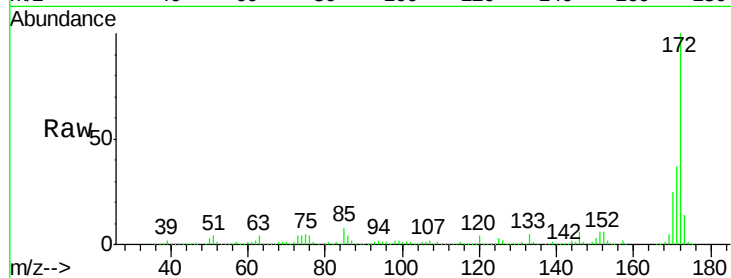


#44
 2-Fluorobiphenyl
 Concen: 91.80 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092041.D
 Acq: 30 Dec 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-27RE

Tot Ion:172 Resp: 2110054

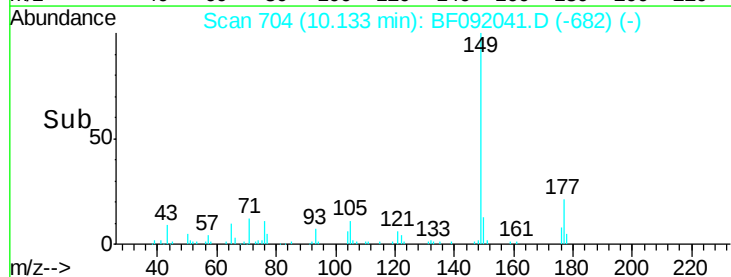
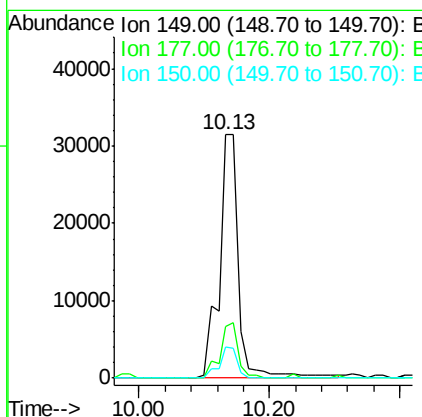
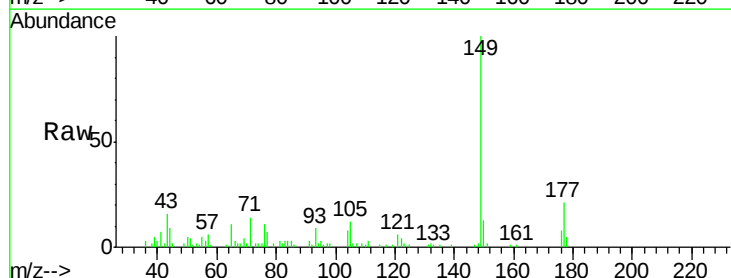
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	20.2	30.4

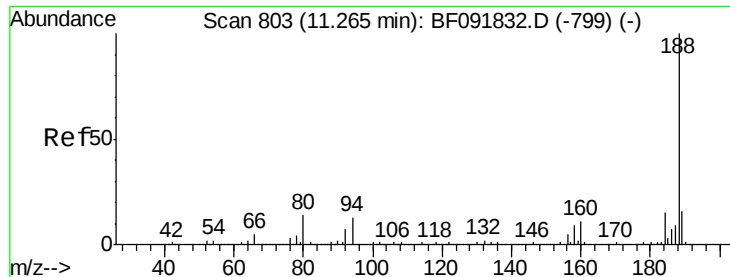


#59
 Diethylphthalate
 Concen: 2.20 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.05 min
 Lab File: BF092041.D
 Acq: 30 Dec 2016 12:02

Tgt Ion:149 Resp: 65135

Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	25.0
150	13.0	10.4	15.6

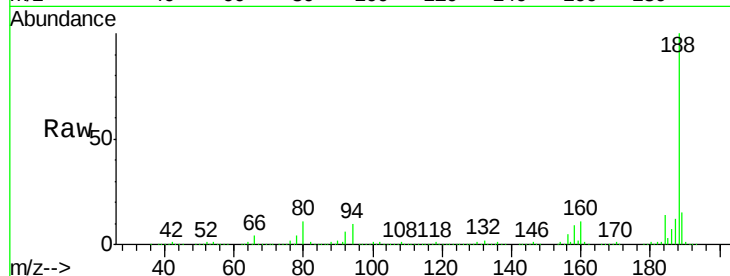




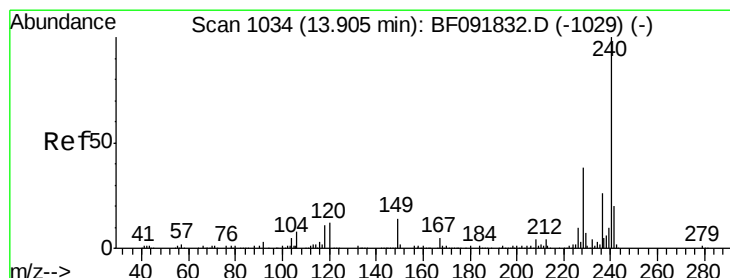
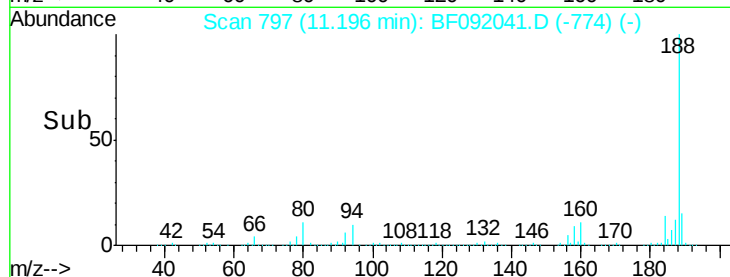
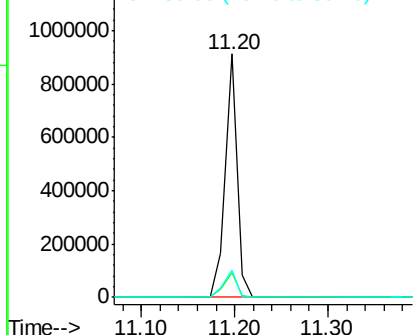
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :
MW-27RE

Tot Ion:188 Resp: 805653
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 11.2 11.2 16.8#

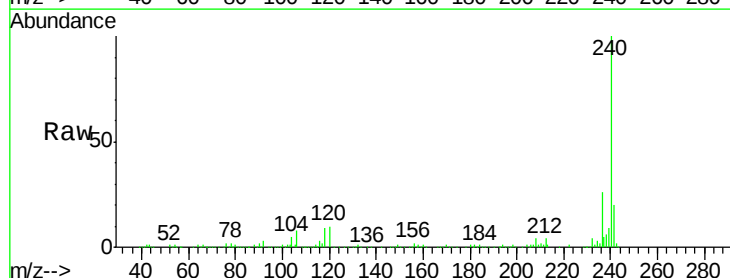


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

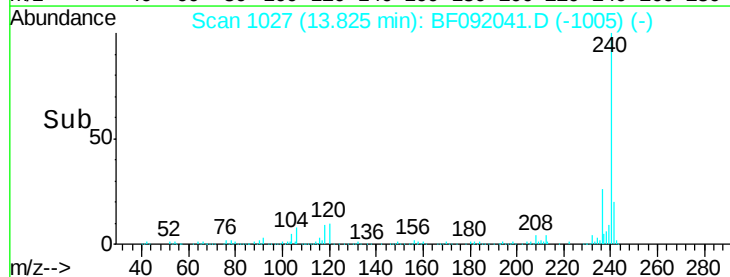
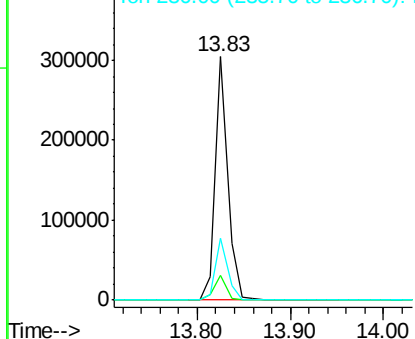


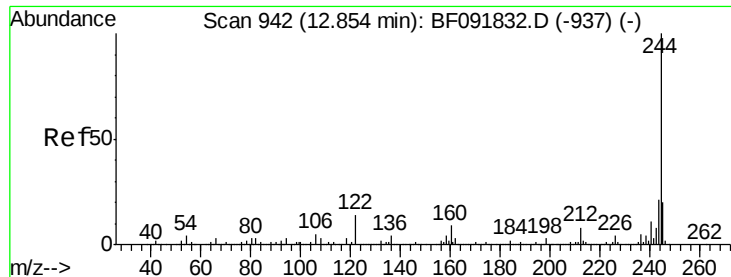
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:240 Resp: 283766
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 25.5 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: 187.71 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Instrument :

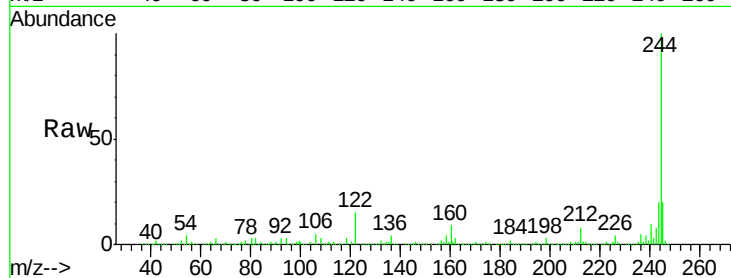
BNA_F

ClientSampleId :

MW-27RE

Tot Ion:244 Resp: 2196337

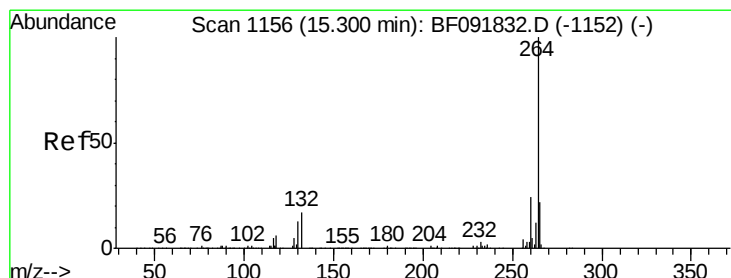
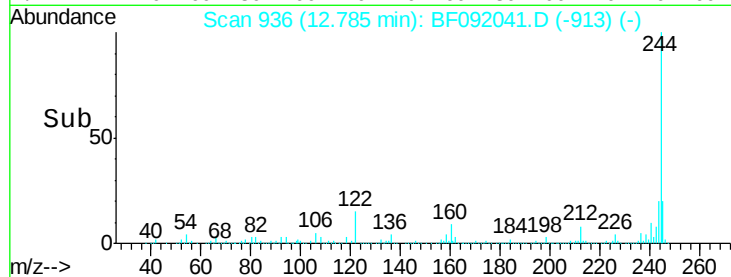
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.8	11.4	17.2



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: 15.21 min Scan# 1148

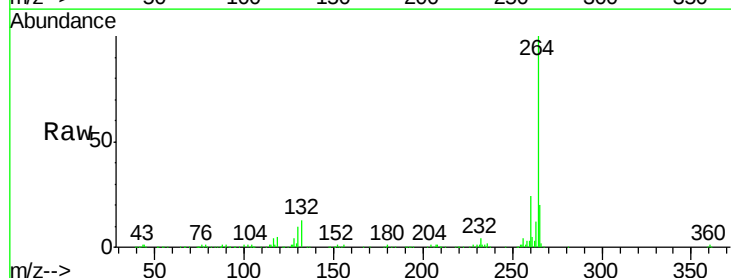
Delta R.T. -0.05 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Tgt Ion:264 Resp: 210376

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.2	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

