

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094613.D
 Acq On : 25 Apr 2017 18:53
 Operator : SJ/MA
 Sample : I2824-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH6

Quant Time: Apr 26 03:56:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

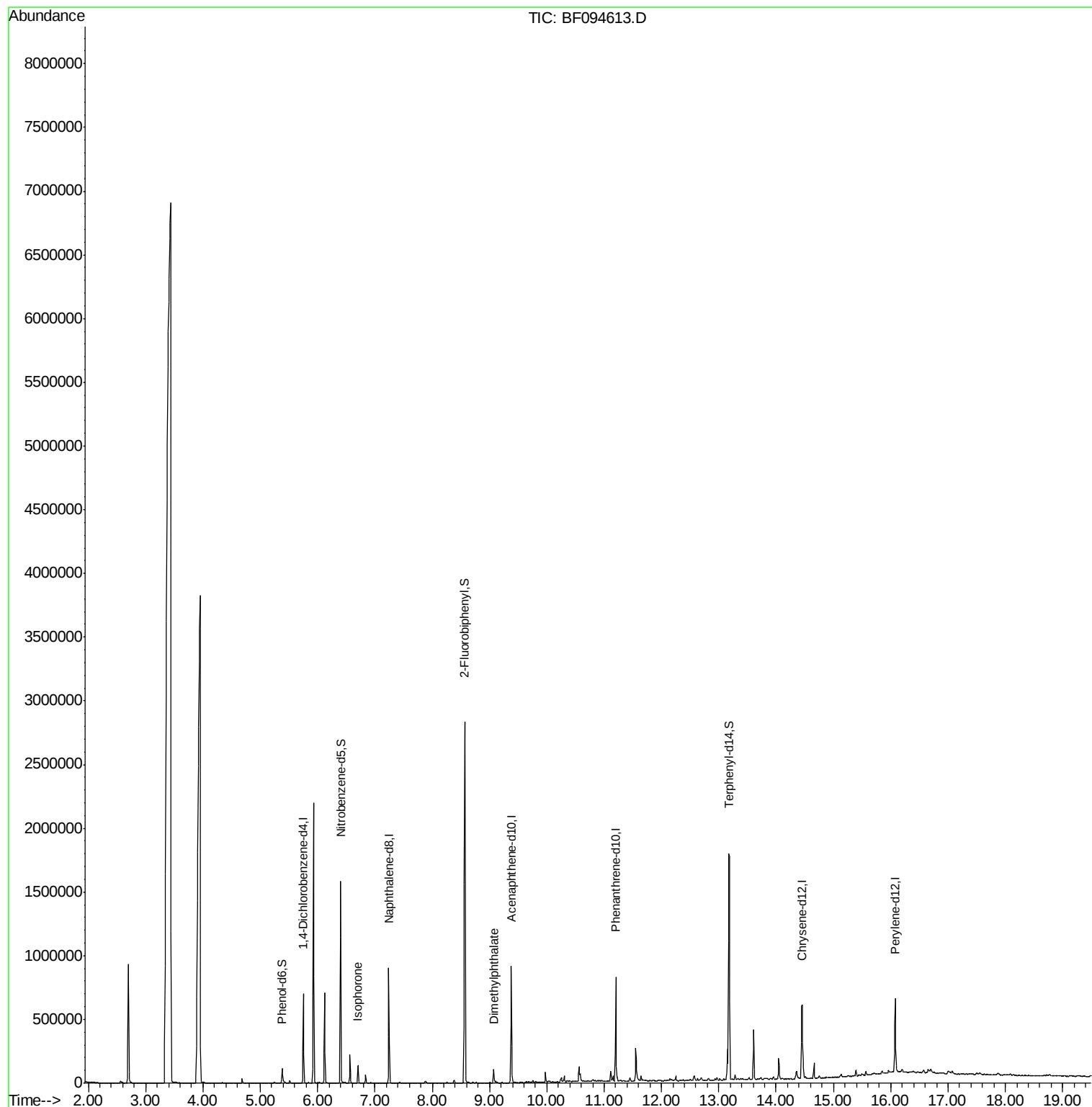
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	118696	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	473233	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	201077	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	326832	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	242731	20.00	ng	-0.01
86) Perylene-d12	16.08	264	226996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	2798	0.39	ng	0.03
7) Phenol-d6	5.38	99	57851	6.86	ng	0.00
23) Nitrobenzene-d5	6.40	82	545336	71.16	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.57	172	1030197	75.38	ng	-0.02
78) Terphenyl-d14	13.18	244	670762	73.86	ng	-0.02
Target Compounds						
25) Isophorone	6.71	82	63517	4.47	ng	95
49) Dimethylphthalate	9.07	163	53182	3.55	ng	98

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

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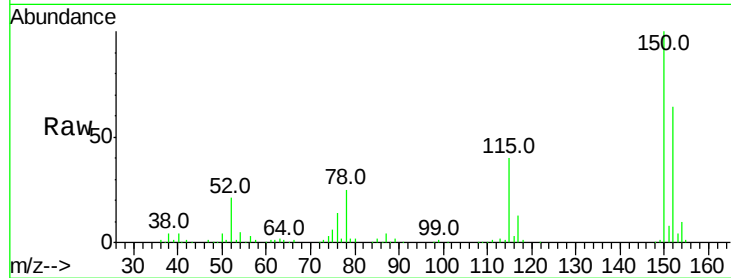


#1

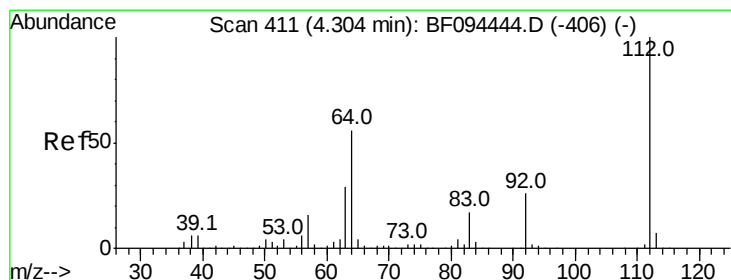
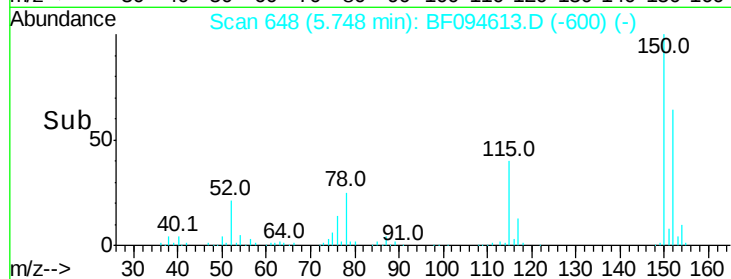
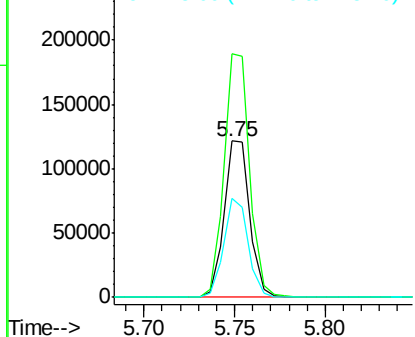
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH6

Tot Ion:152 Resp: 118696
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 63.0 52.2 78.2



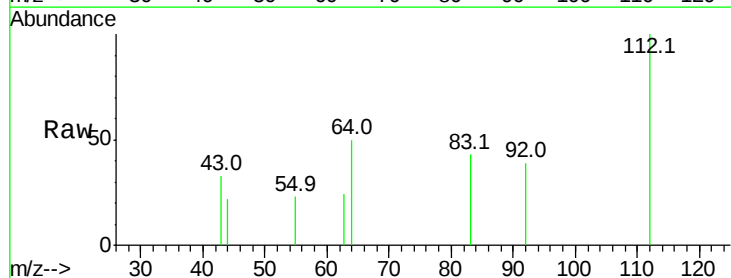
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



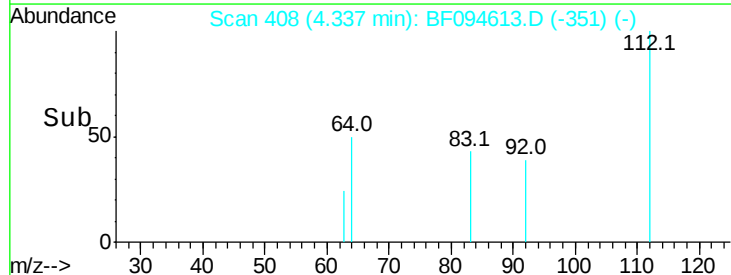
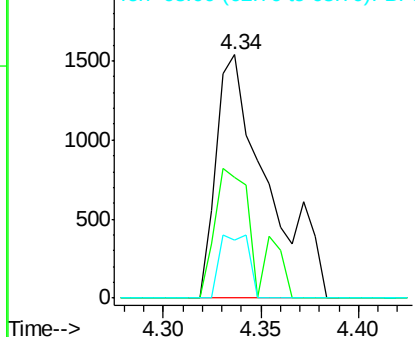
#5

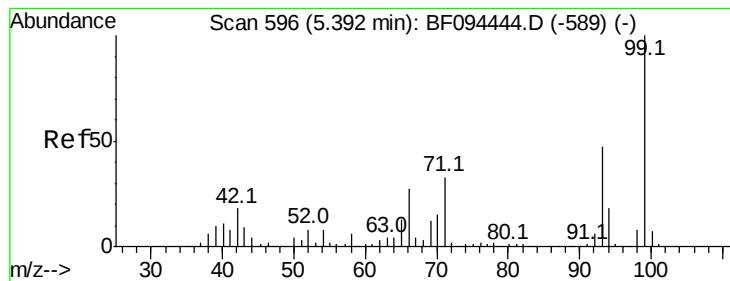
2-Fluorophenol
Concen: 0.39 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:112 Resp: 2798
Ion Ratio Lower Upper
112 100
64 49.7 46.0 69.0
63 24.0 23.4 35.0



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: 6.86 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH6

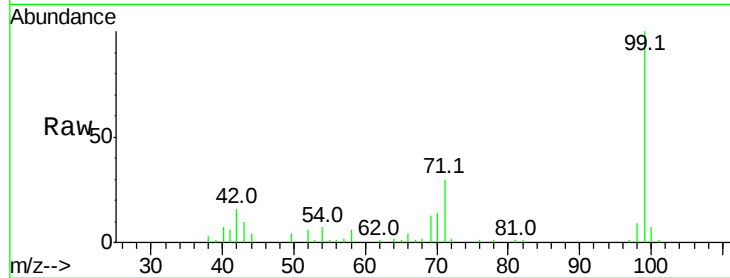
Tot Ion: 99 Resp: 57851

Ion Ratio Lower Upper

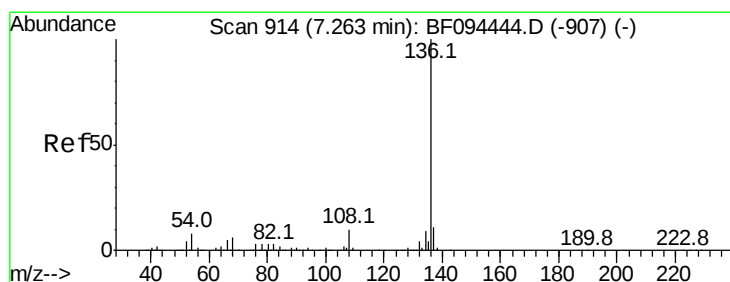
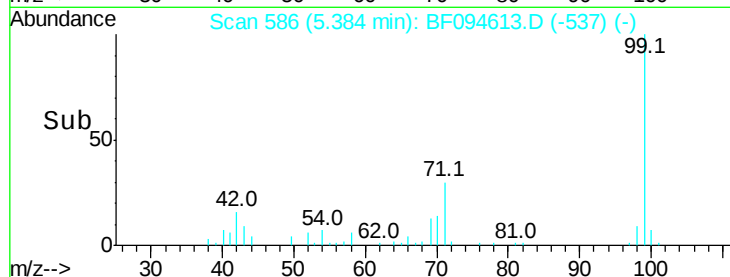
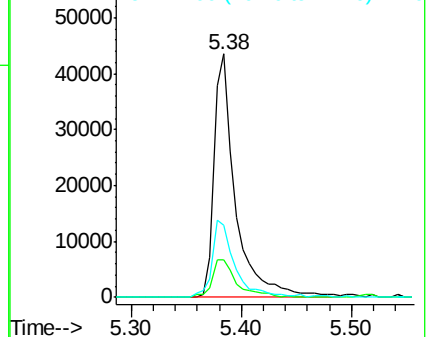
99 100

42 15.5 13.5 20.3

71 29.5 24.5 36.7



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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Tgt Ion: 136 Resp: 473233

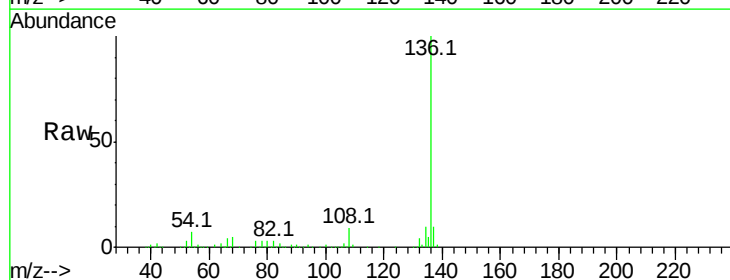
Ion Ratio Lower Upper

136 100

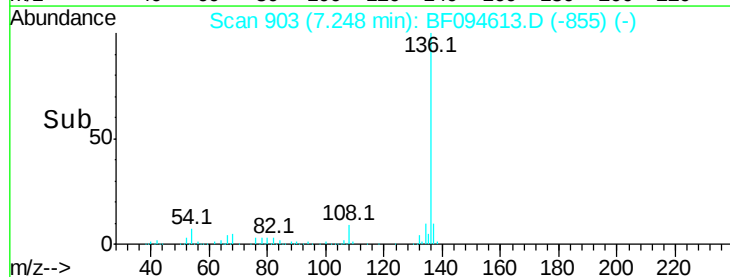
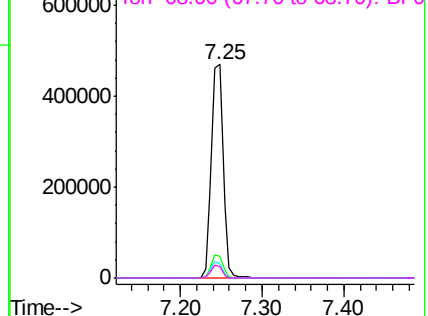
137 10.4 8.5 12.7

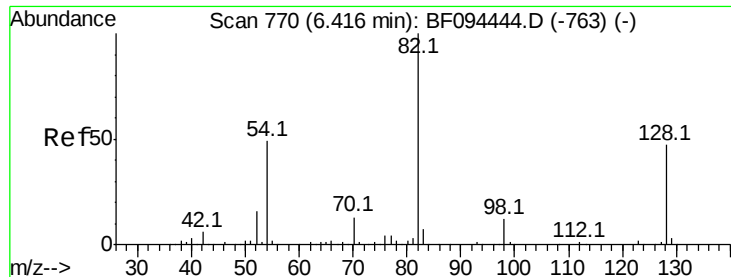
54 6.5 4.9 7.3

68 5.3 4.1 6.1



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

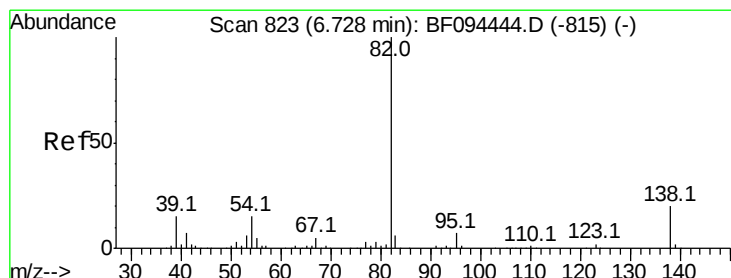
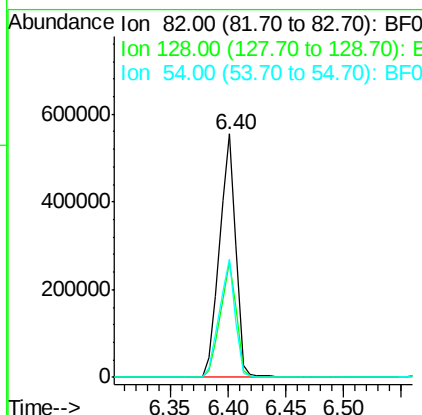
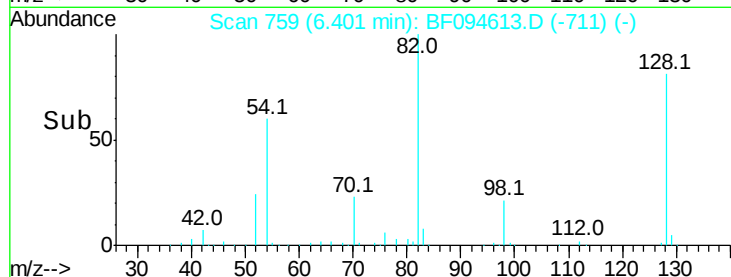
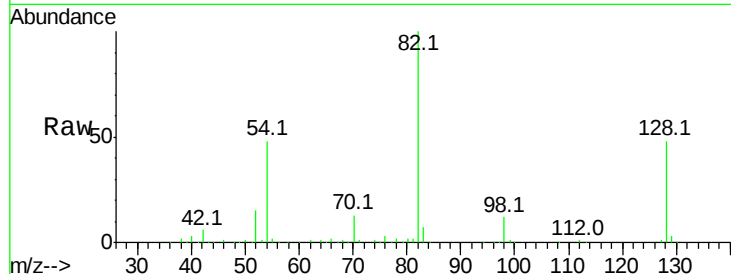




#23
Nitrobenzene-d5
Concen: 71.16 ng
RT: 6.40 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

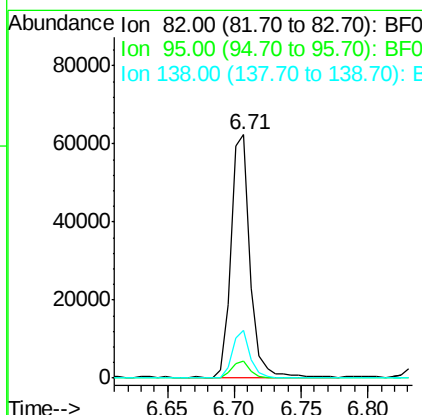
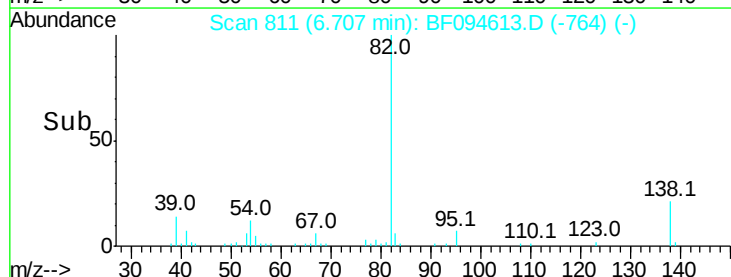
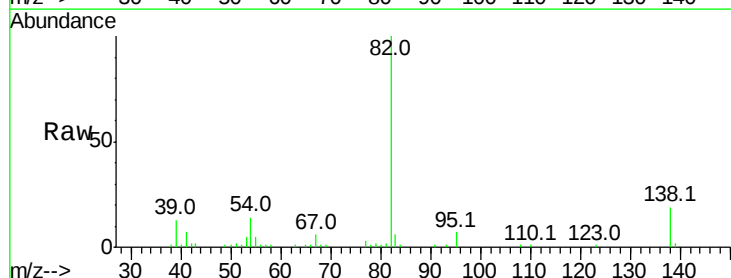
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH6

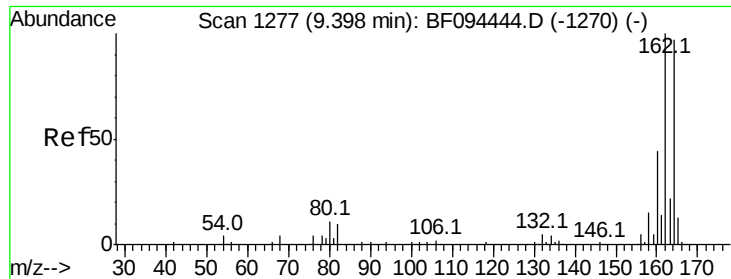
Tot Ion: 82 Resp: 545336
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 48.4 42.2 63.2



#25
Isophorone
Concen: 4.47 ng
RT: 6.71 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion: 82 Resp: 63517
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 19.5 13.1 19.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH6

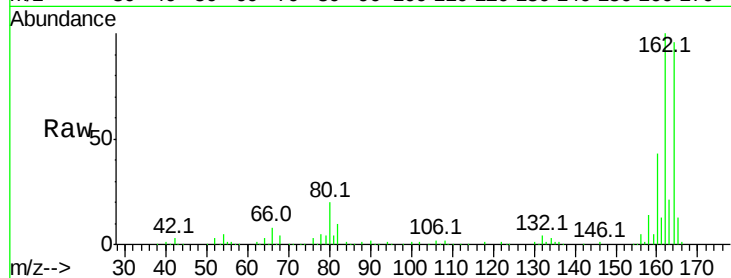
Tot Ion:164 Resp: 201077

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

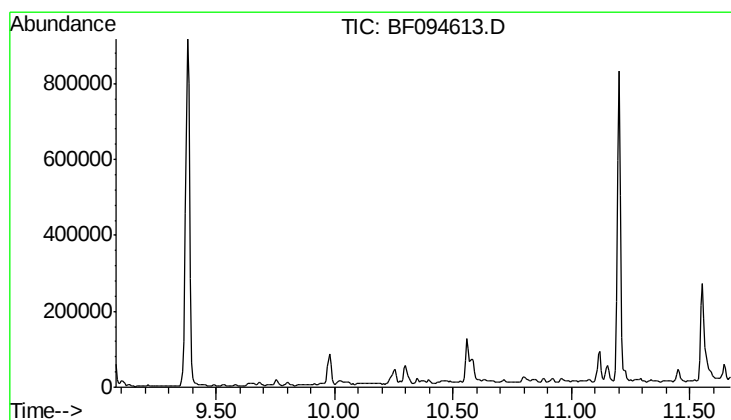
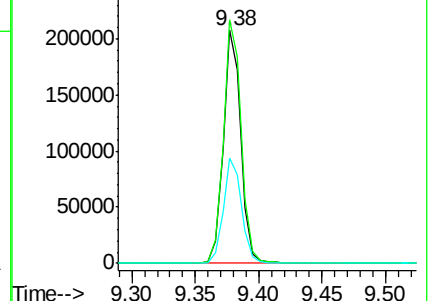
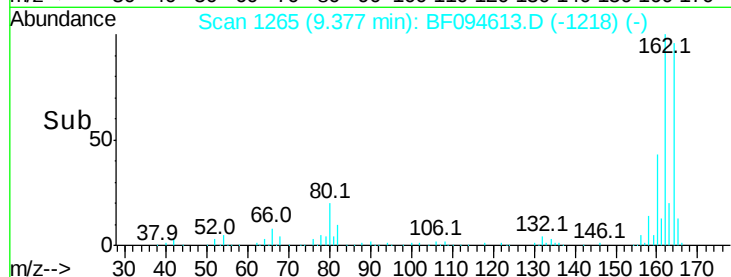
160 45.3 36.2 54.2



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: 0.00 ng

Expected RT: 10.37 min

Lab File: BF094613.D

Acq: 25 Apr 2017 18:53

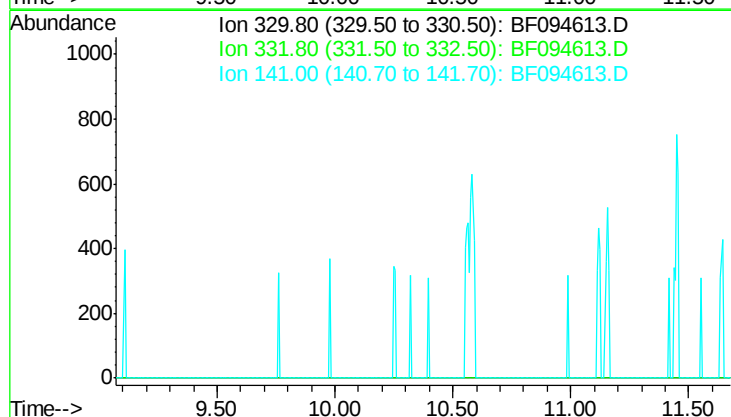
Tgt Ion: 330

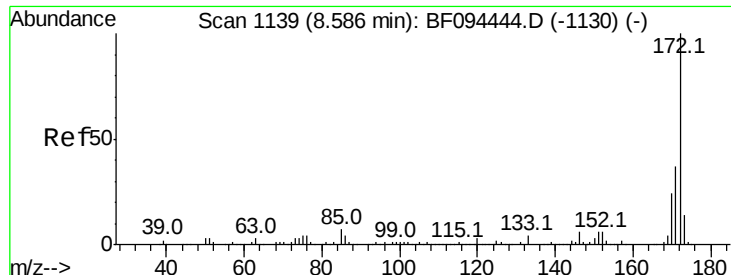
Sig Exp Ratio

330 100

332 95.8

141 39.3

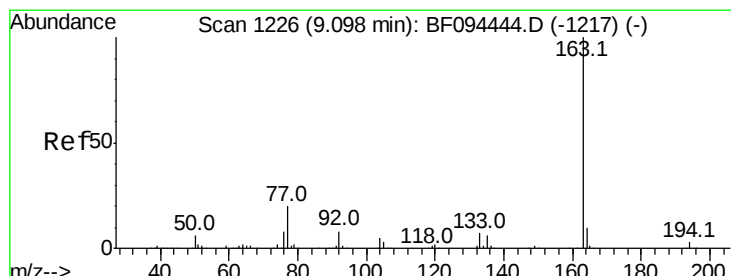
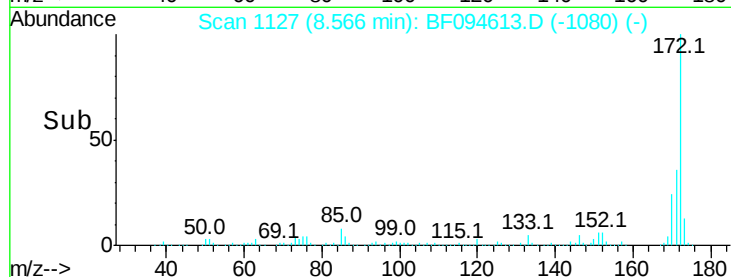
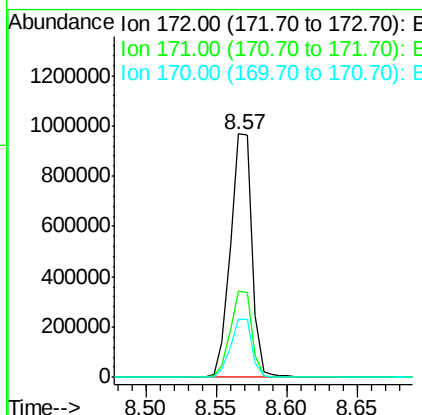
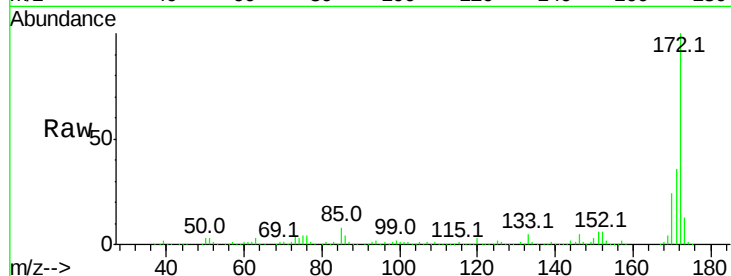




#44
2-Fluorobiphenyl
Concen: 75.38 ng
RT: 8.57 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

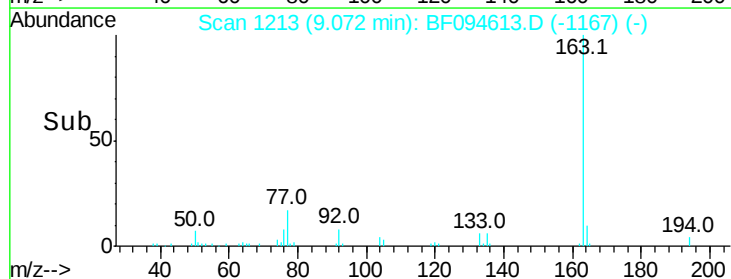
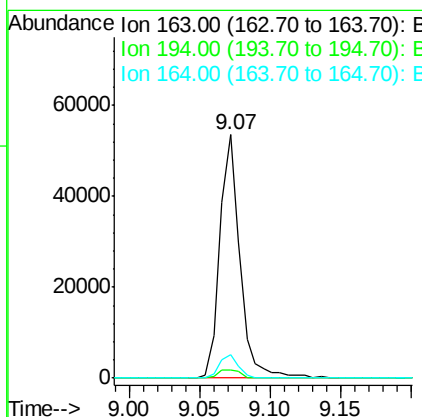
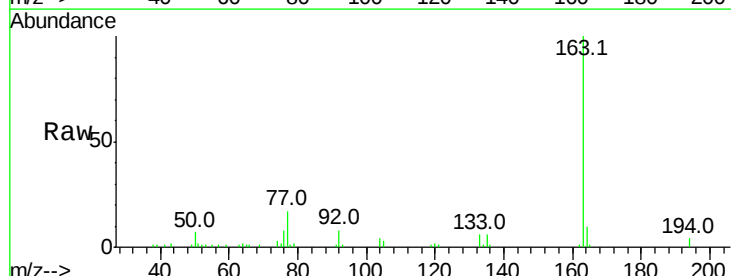
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH6

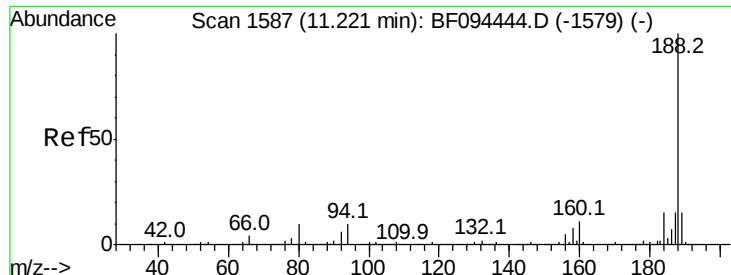
Tot Ion:172 Resp: 1030197
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 3.55 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:163 Resp: 53182
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.6 8.4 12.6

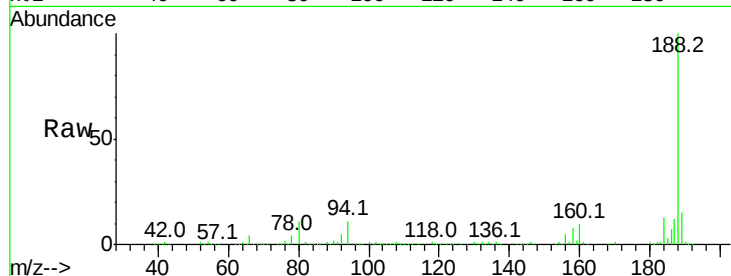




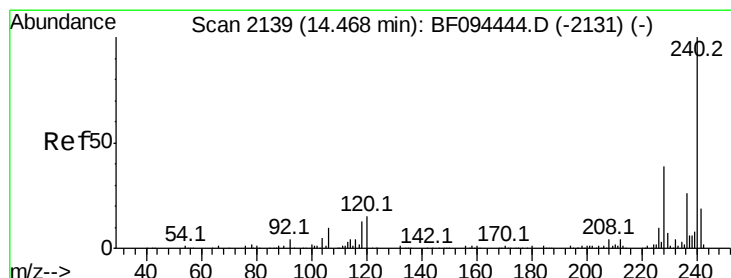
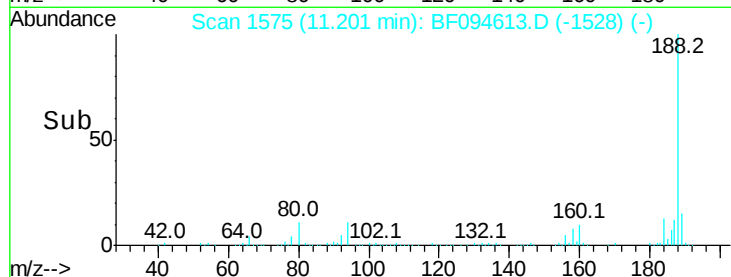
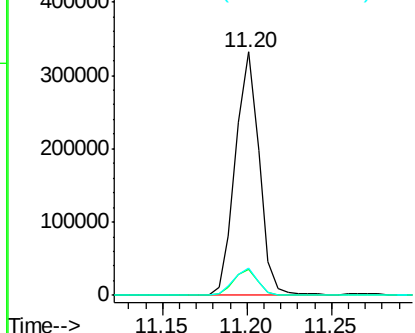
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH6

Tot Ion:188 Resp: 326832
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.3 10.2 15.2

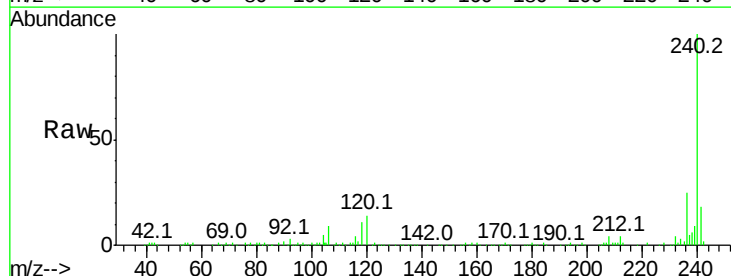


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

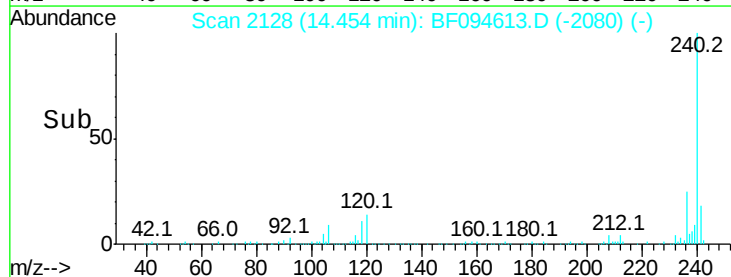
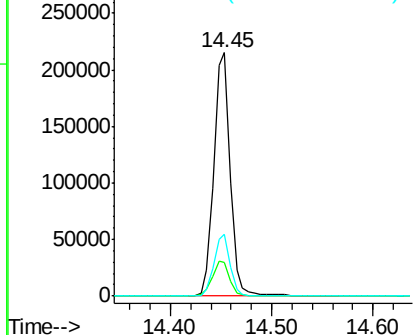


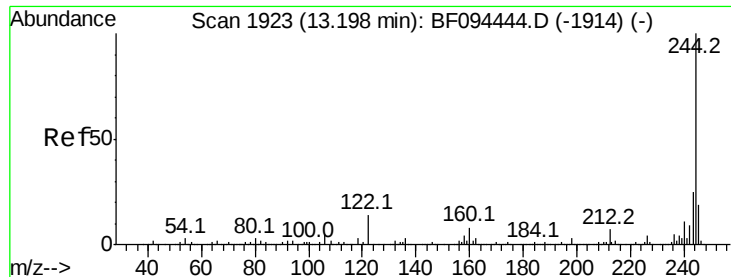
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094613.D
Acq: 25 Apr 2017 18:53

Tgt Ion:240 Resp: 242731
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.5 20.5 30.7



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

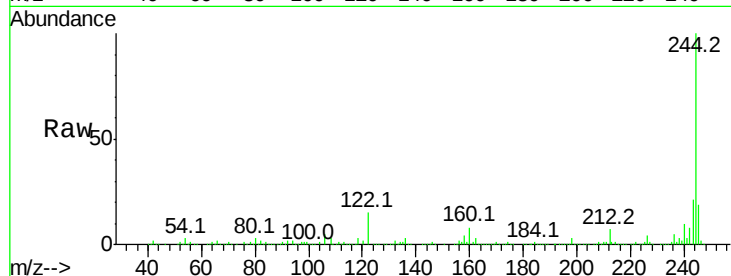




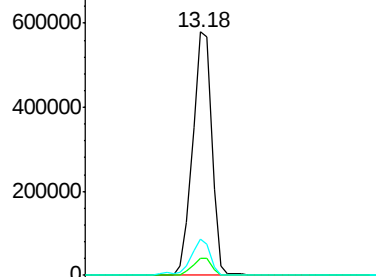
#78
 Terphenyl-d14
 Concen: 73.86 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094613.D
 Acq: 25 Apr 2017 18:53

Instrument :
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 ClientSampleId :
 E2-CONCRETE-BATCH6

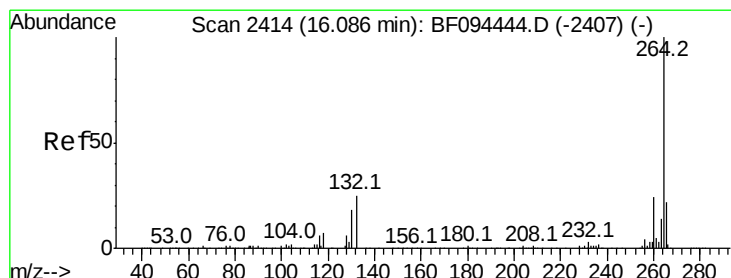
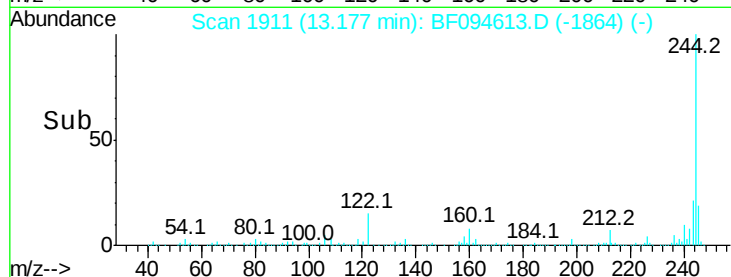
Tot Ion:244 Resp: 670762
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 15.0 10.3 15.5



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

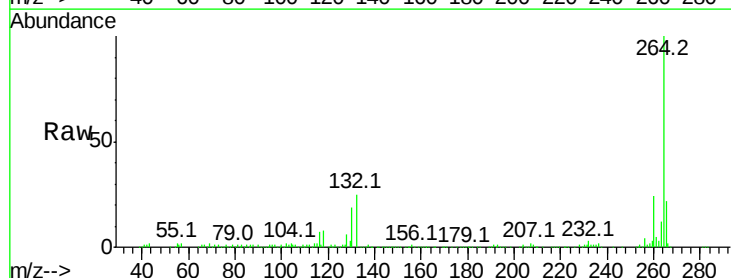


Time-->

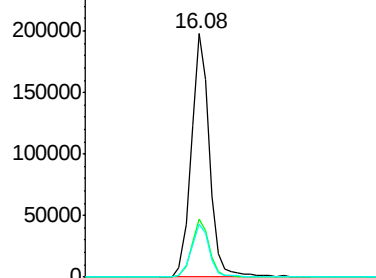


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094613.D
 Acq: 25 Apr 2017 18:53

Tgt Ion:264 Resp: 226996
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.9 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



Time-->

