

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118298.D
 Acq On : 20 Dec 2019 00:03
 Operator : JU
 Sample : K6370-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-3

Quant Time: Dec 20 04:59:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

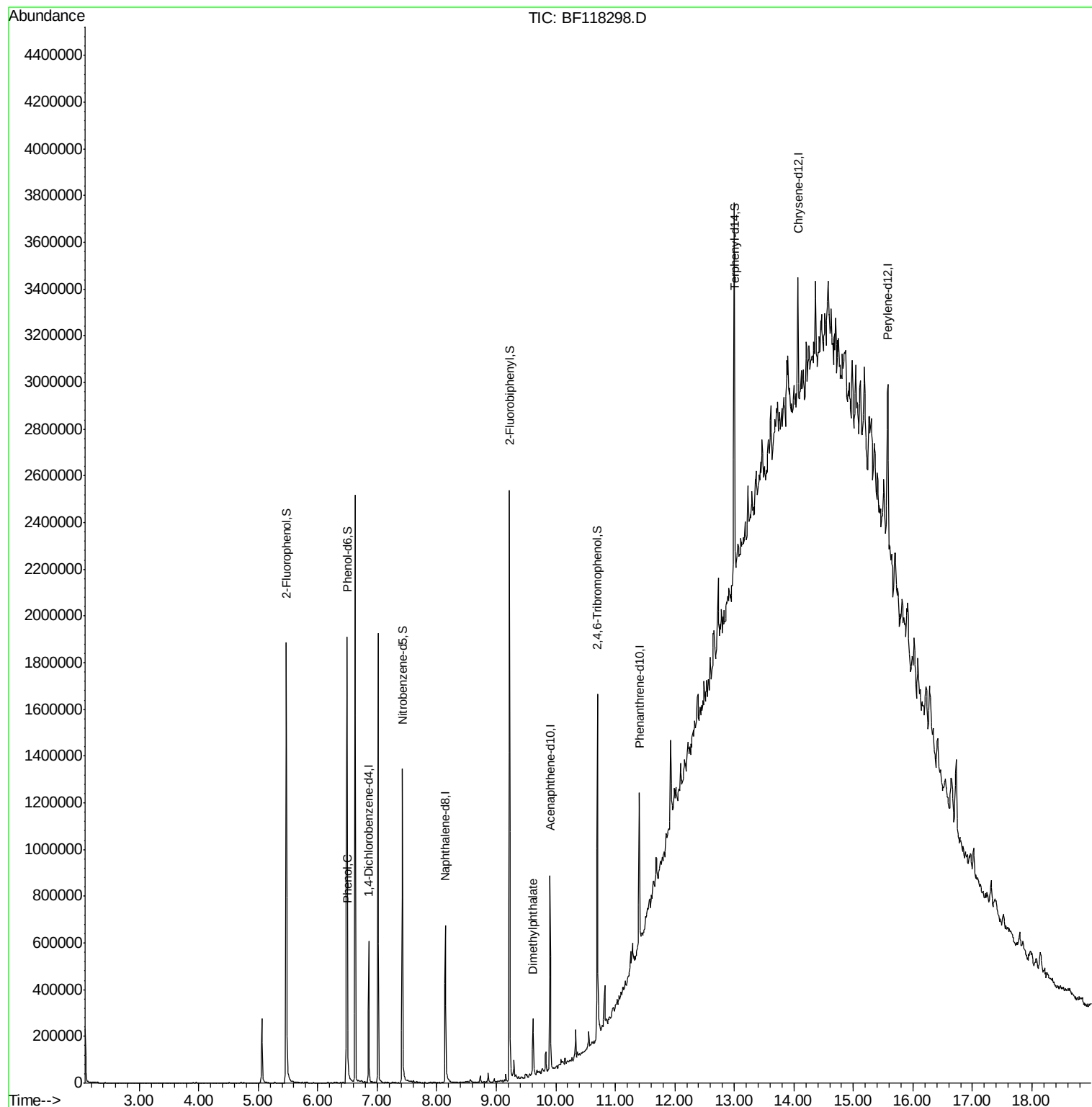
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	84777	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	327547	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	162904	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	267777	20.00	ng	0.00
76) Chrysene-d12	14.07	240	198056	20.00	ng	0.00
87) Perylene-d12	15.58	264	228742	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	556270	114.92	ng	0.00
7) Phenol-d6	6.49	99	706736	120.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	418780	71.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	192052	97.05	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	709167	66.24	ng	-0.02
79) Terphenyl-d14	13.00	244	593705	51.55	ng	0.00
Target Compounds						
10) Phenol	6.50	94	32724	4.901	ng	95
50) Dimethylphthalate	9.62	163	88467	7.352	ng	100

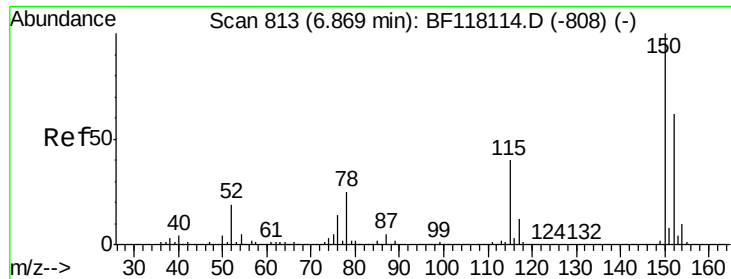
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampled :
TP1-3

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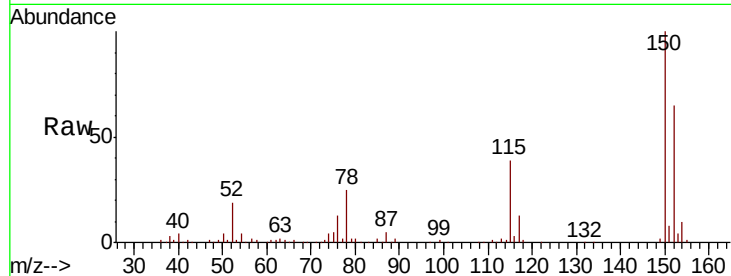


#1

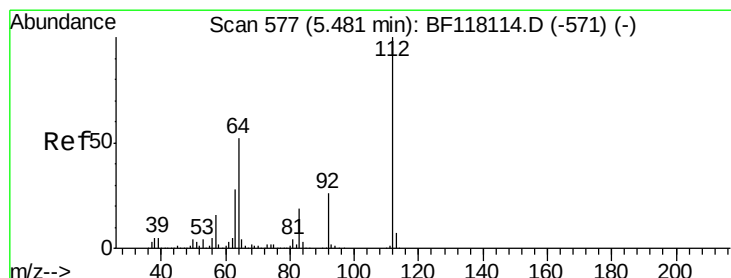
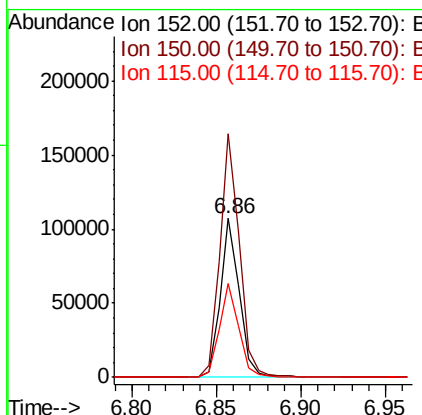
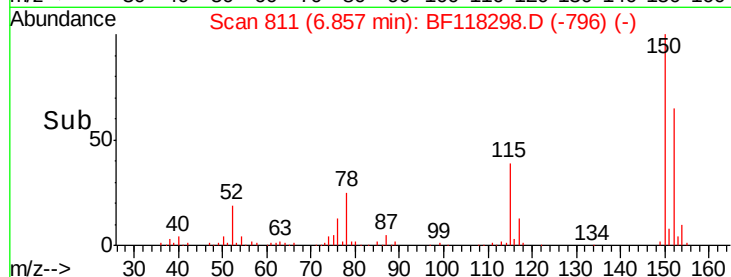
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Instrument :
BNA_F
ClientSampleId :
TP1-3

Tot Ion:152 Resp: 84777
Ion Ratio Lower Upper
152 100
150 153.6 128.3 192.5
115 59.5 51.1 76.7



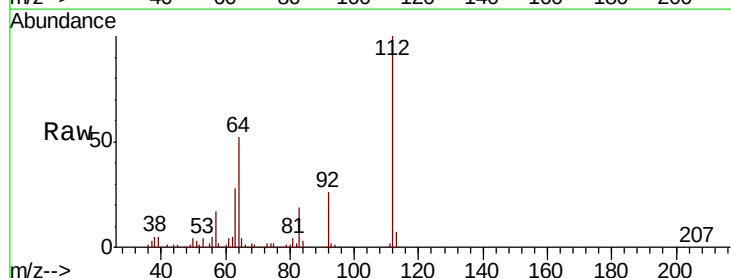
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



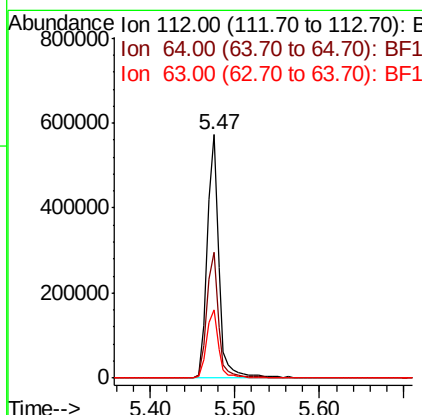
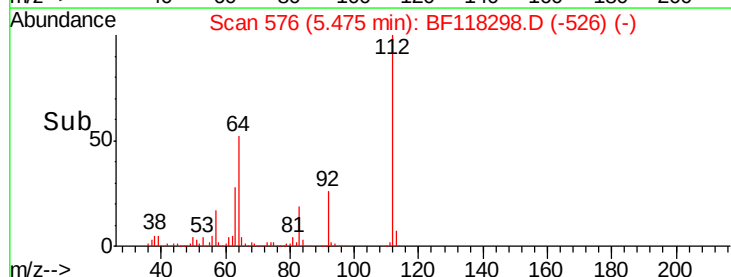
#5

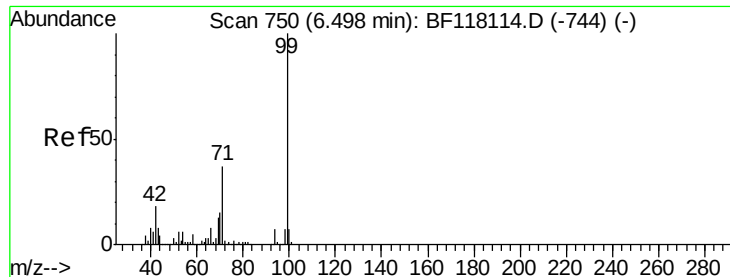
2-Fluorophenol
Concen: 114.924 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Tgt Ion:112 Resp: 556270
Ion Ratio Lower Upper
112 100
64 51.8 41.3 61.9
63 28.2 22.4 33.6



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: 120.716 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

TP1-3

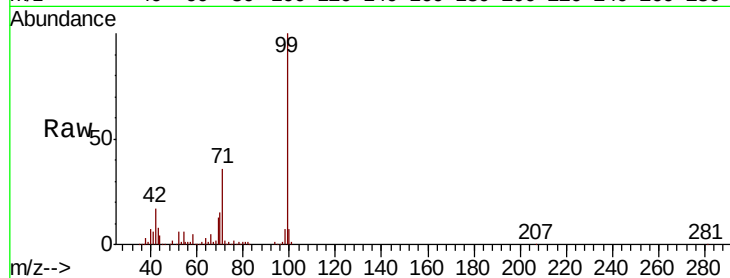
Tot Ion: 99 Resp: 706736

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 35.8 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

800000

600000

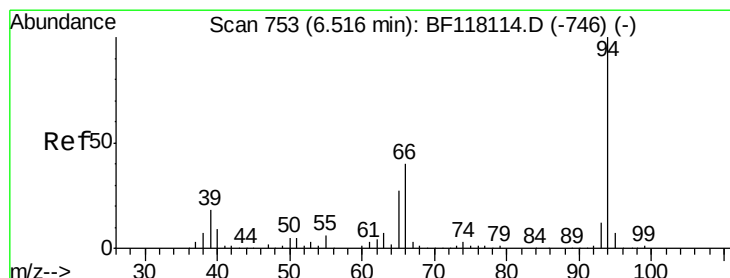
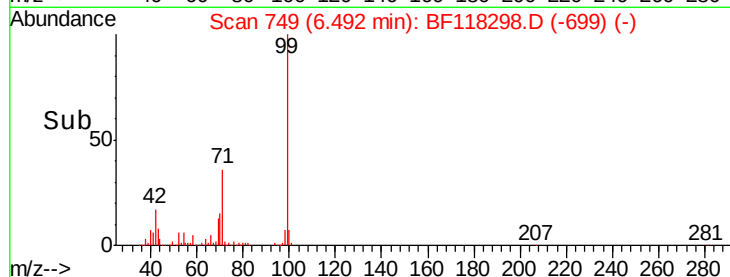
400000

200000

0

6.40 6.50 6.60

Time-->



#10

Phenol

Concen: 4.901 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

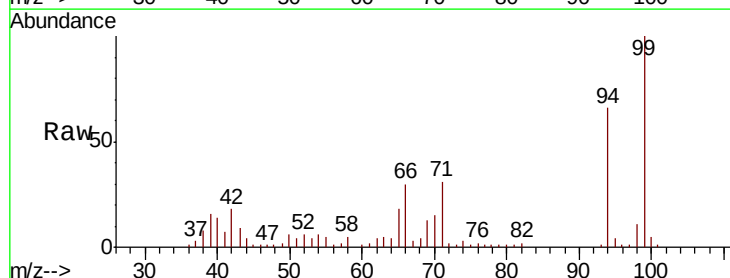
Tgt Ion: 94 Resp: 32724

Ion Ratio Lower Upper

94 100

65 27.9 7.3 47.3

66 45.0 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

250000

200000

150000

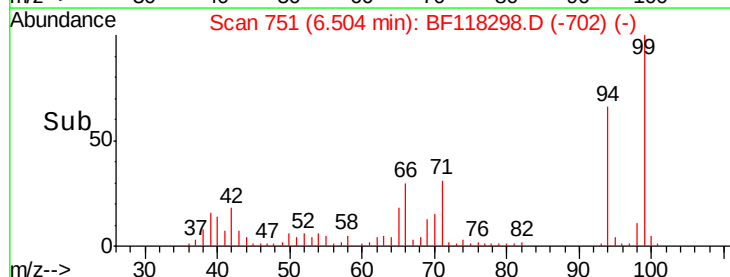
100000

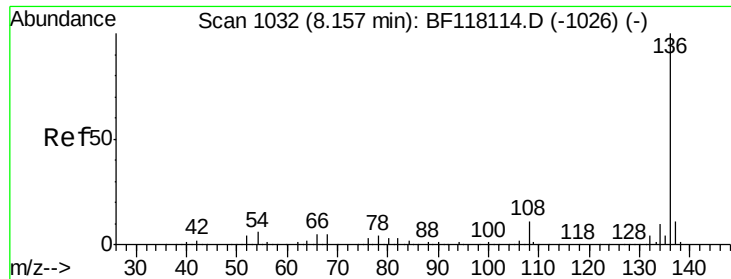
50000

0

6.45 6.50 6.55 6.60

Time-->

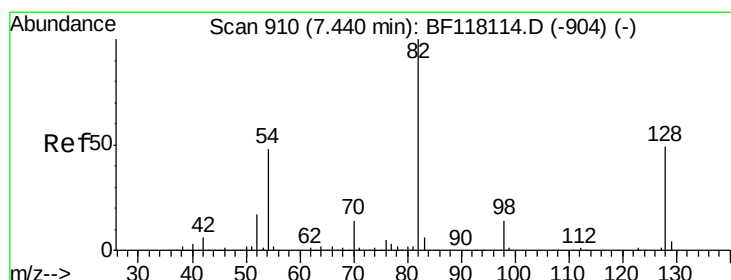
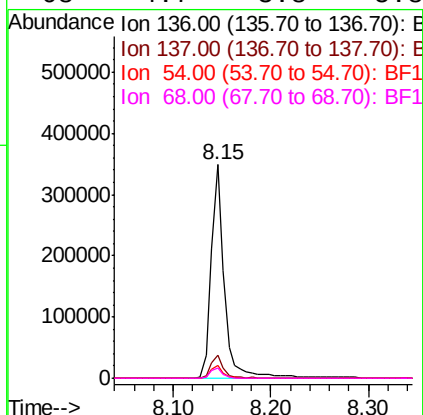
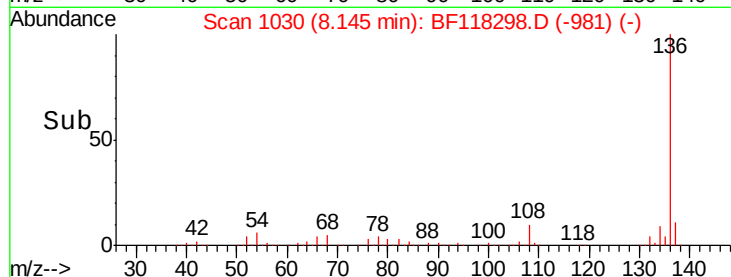
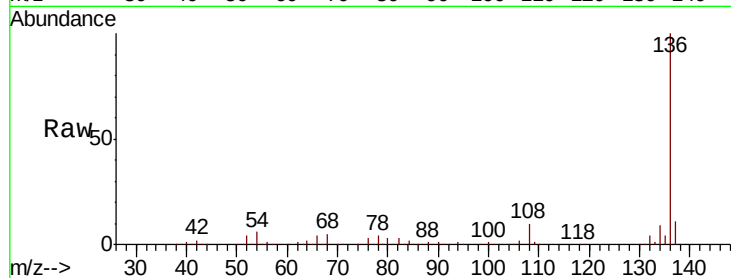




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

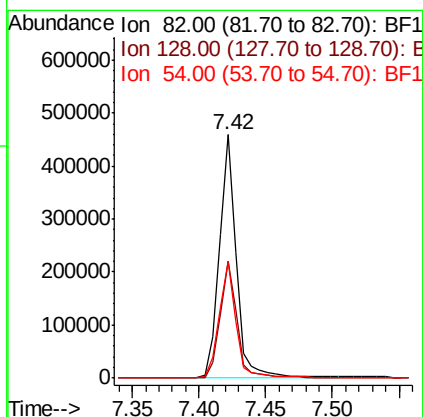
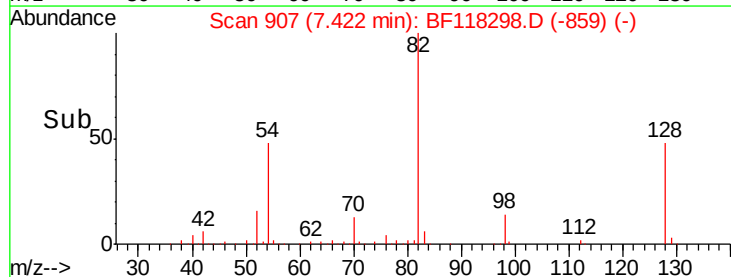
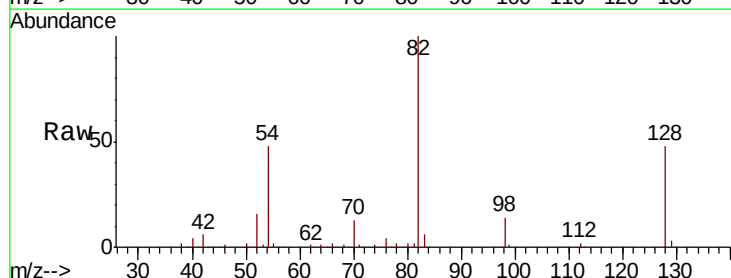
Instrument :
BNA_F
ClientSampleId :
TP1-3

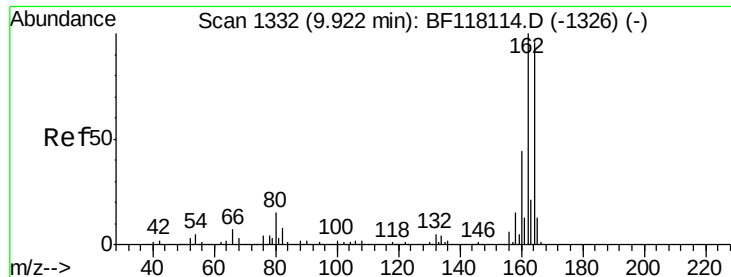
Tot Ion:136	Resp:	327547
Ion Ratio	Lower	Upper
136 100		
137 10.7	9.0	13.6
54 5.9	5.0	7.6
68 4.7	3.8	5.8



#23
Nitrobenzene-d5
Concen: 71.928 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Tgt Ion: 82	Resp: 418780
Ion Ratio	Lower Upper
82 100	
128 48.0	39.1 58.7
54 47.8	38.2 57.2

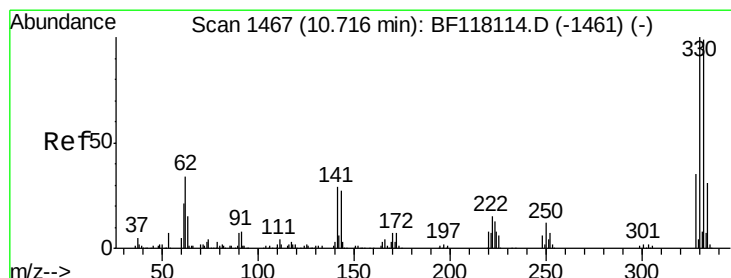
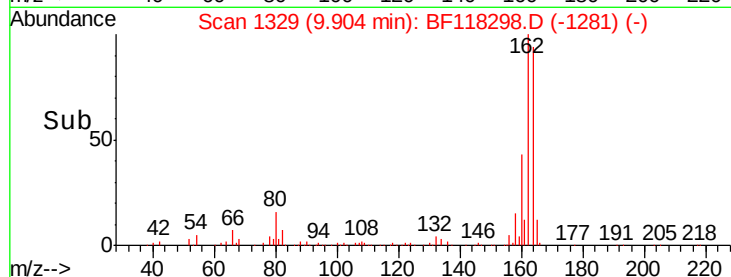
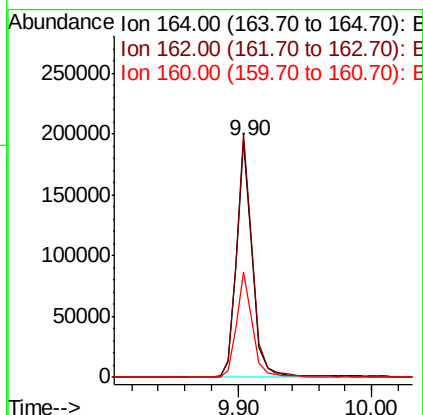
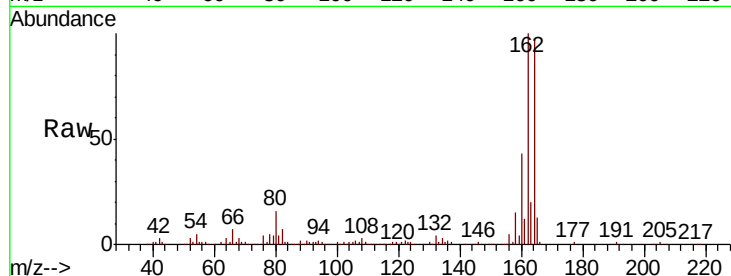




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118298.D
 Acq: 20 Dec 2019 00:03

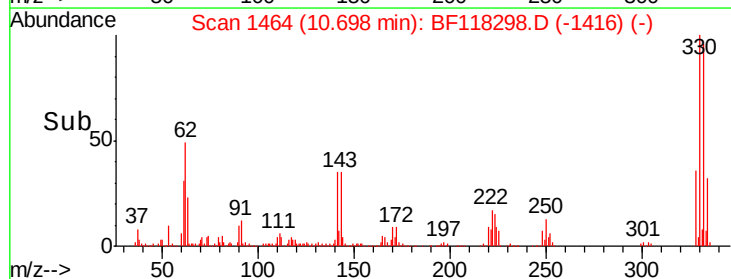
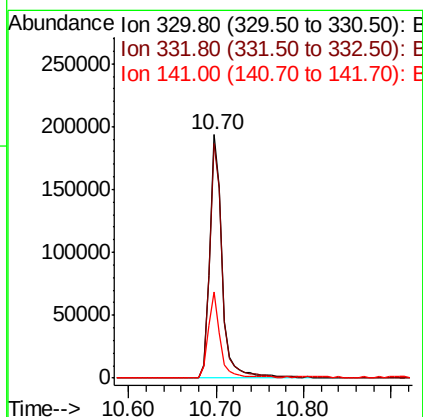
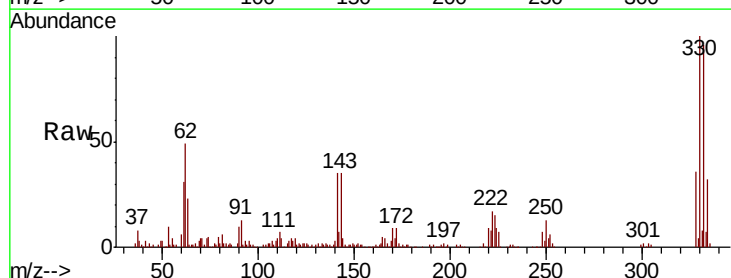
Instrument :
 BNA_F
 ClientSampleId :
 TP1-3

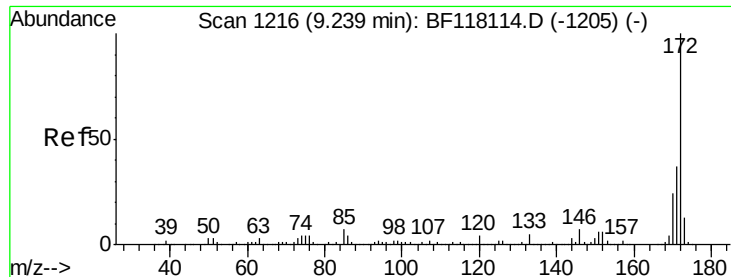
Tot Ion:164 Resp: 162904
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.4 125.0
 160 44.8 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 97.046 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF118298.D
 Acq: 20 Dec 2019 00:03

Tgt Ion:330 Resp: 192052
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.1 117.1
 141 33.8 26.9 40.3

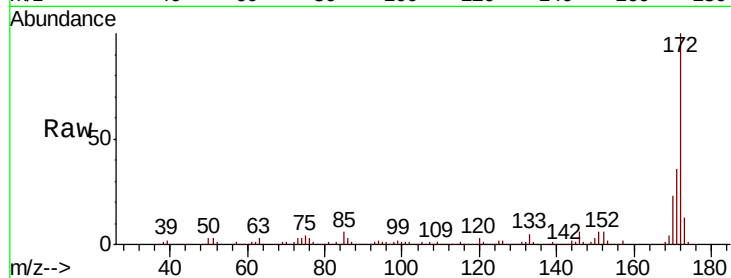




#45
2-Fluorobiphenyl
Concen: 66.242 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Instrument :
BNA_F
ClientSampleId :
TP1-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.3	19.4	29.2

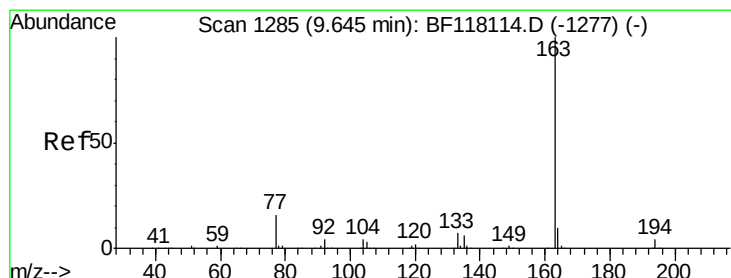
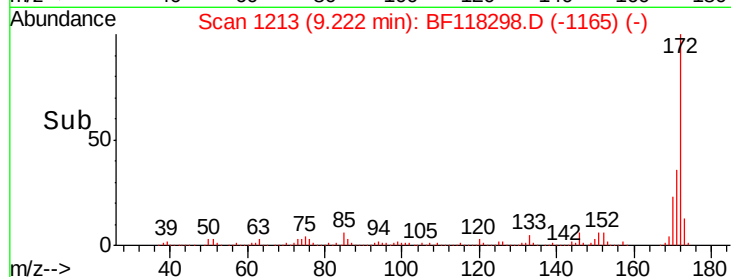
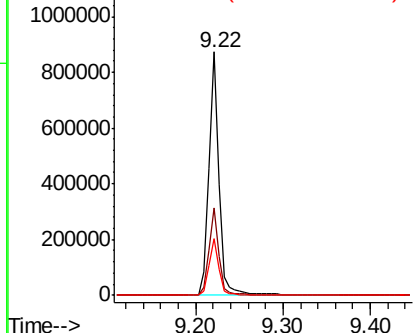


Abundance

Ion 172.00 (171.70 to 172.70): E

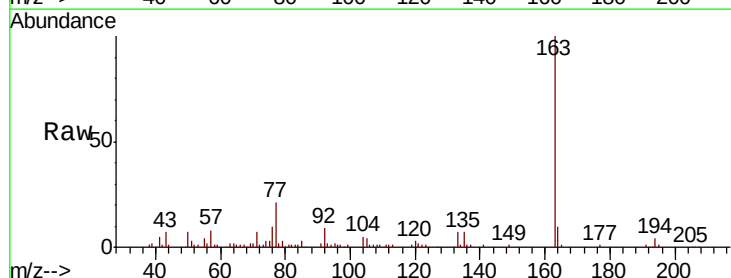
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.352 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	7.7	11.5

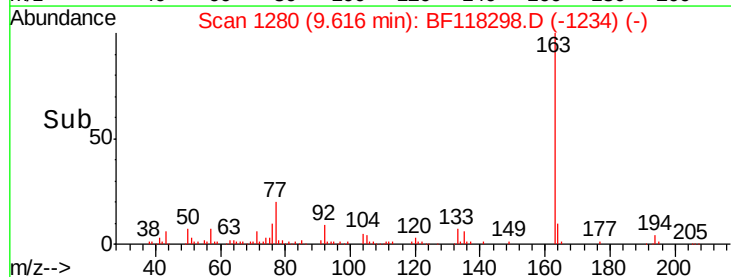
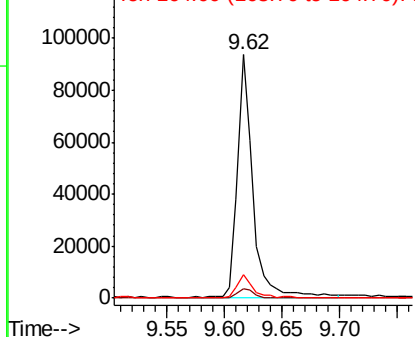


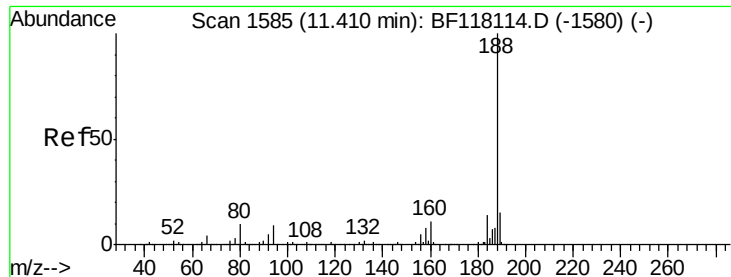
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

TP1-3

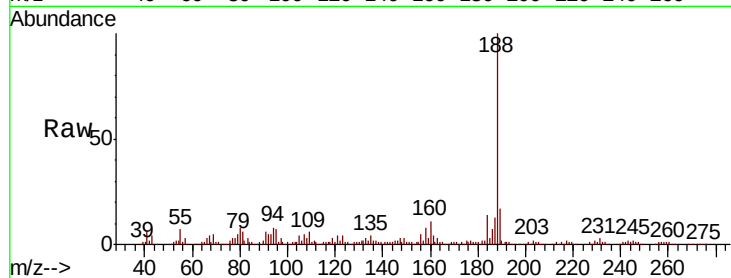
Tot Ion:188 Resp: 267777

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

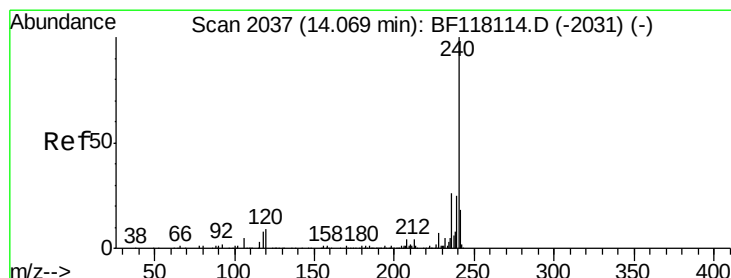
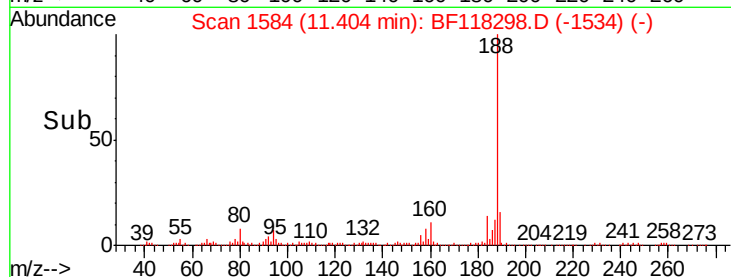
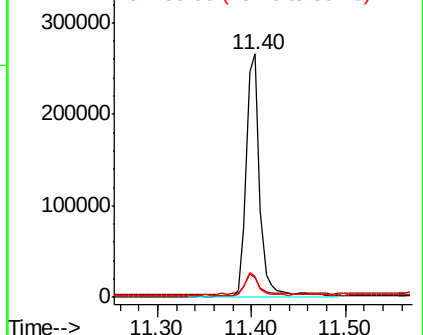
80 8.5 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

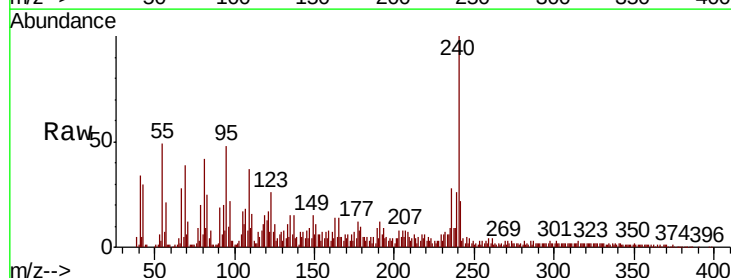
Tgt Ion:240 Resp: 198056

Ion Ratio Lower Upper

240 100

120 12.9 7.1 10.7#

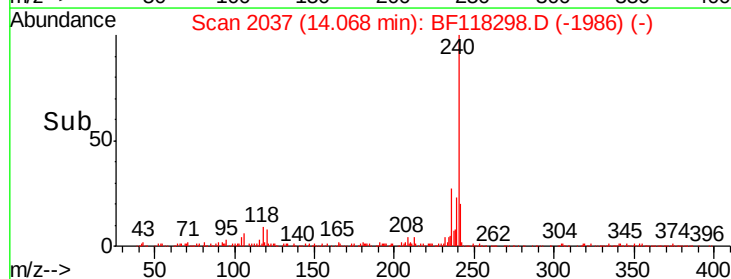
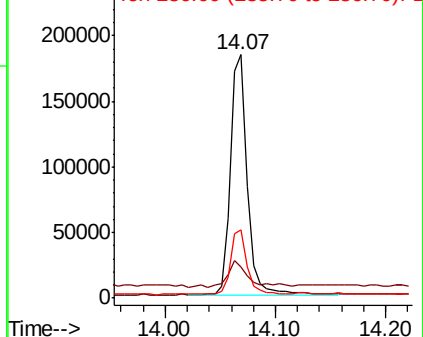
236 28.0 21.0 31.6

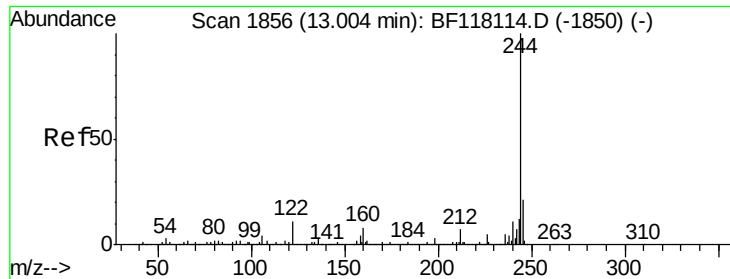


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 51.549 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

TP1-3

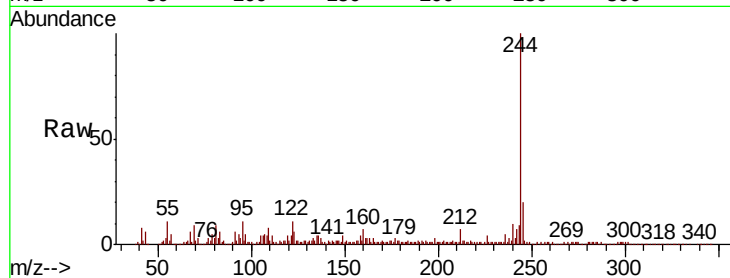
Tot Ion:244 Resp: 593705

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 10.8 9.0 13.6



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

800000

600000

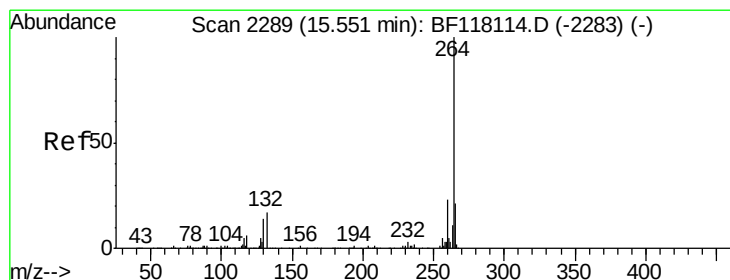
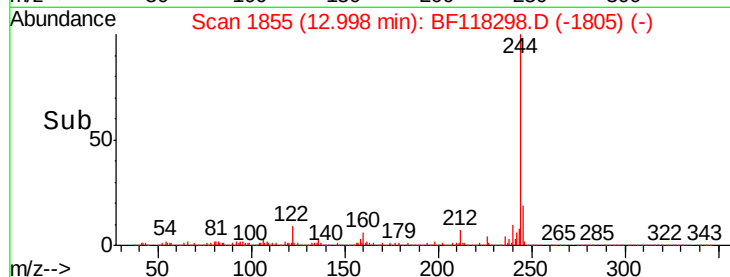
400000

200000

0

13.00

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.03 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

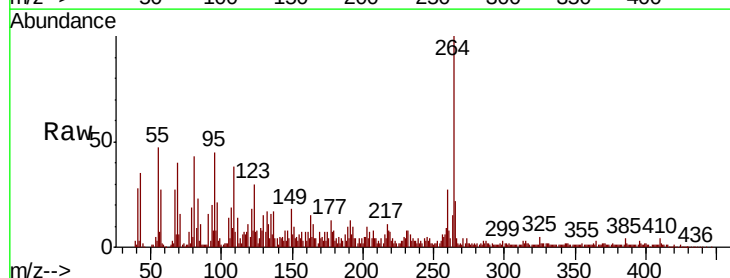
Tgt Ion:264 Resp: 228742

Ion Ratio Lower Upper

264 100

260 27.0 18.6 28.0

265 22.1 16.8 25.2



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

200000

150000

100000

50000

0

15.58

Time-->

