

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118322.D
 Acq On : 26 Dec 2019 17:55
 Operator : JU
 Sample : K6437-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-3-(3-5)

Quant Time: Dec 27 05:19:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

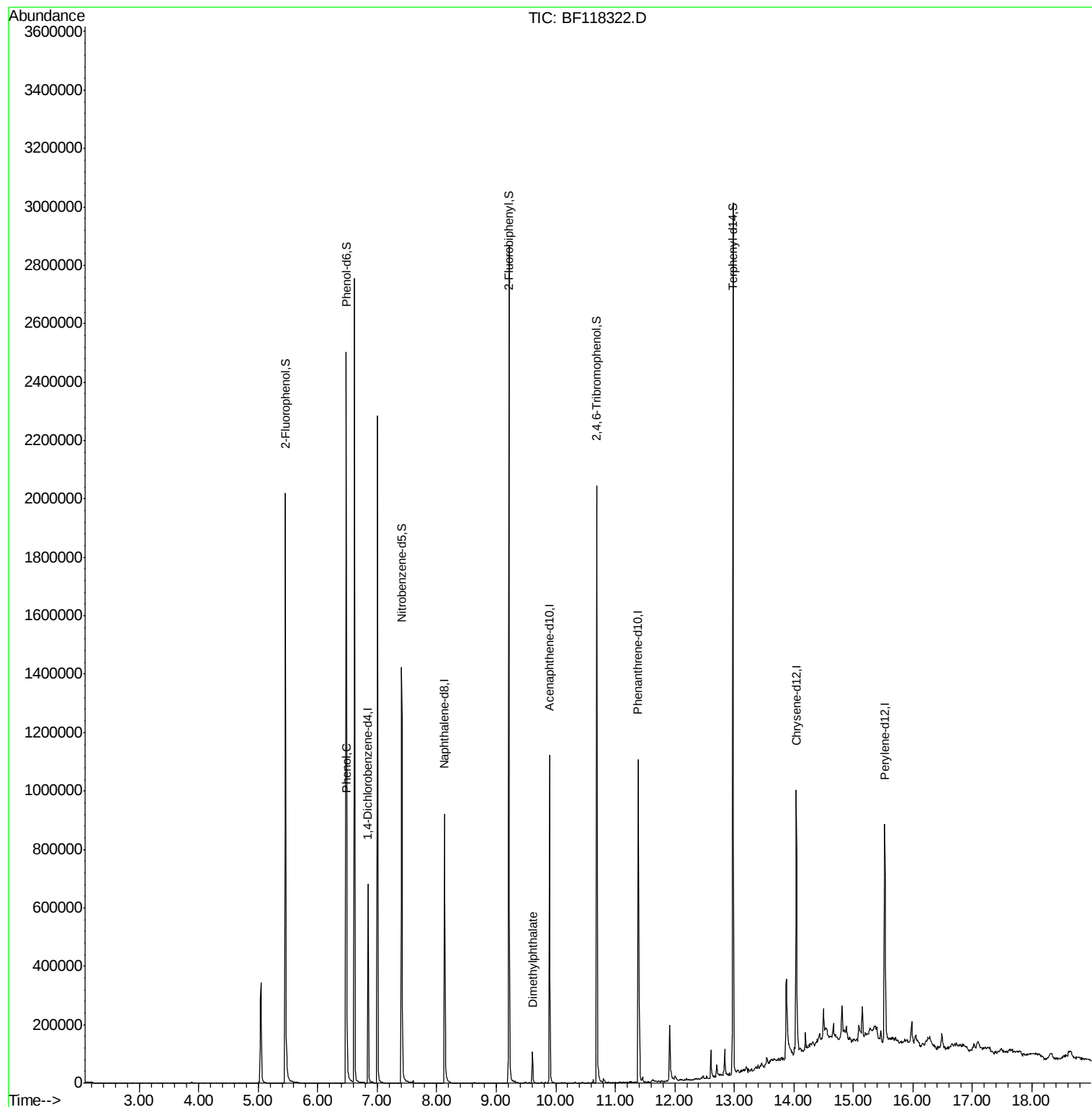
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110449	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	432458	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	230880	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	422757	20.00	ng	0.00
76) Chrysene-d12	14.04	240	280279	20.00	ng	-0.01
87) Perylene-d12	15.53	264	318543	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	652626	100.86	ng	0.00
7) Phenol-d6	6.48	99	823264	102.57	ng	0.00
23) Nitrobenzene-d5	7.41	82	491540	65.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	271312	95.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	930637	61.53	ng	0.00
79) Terphenyl-d14	12.98	244	1005937	59.54	ng	0.00
Target Compounds						
10) Phenol	6.49	94	24489	2.714	ng	96
50) Dimethylphthalate	9.61	163	43657	2.519	ng	99

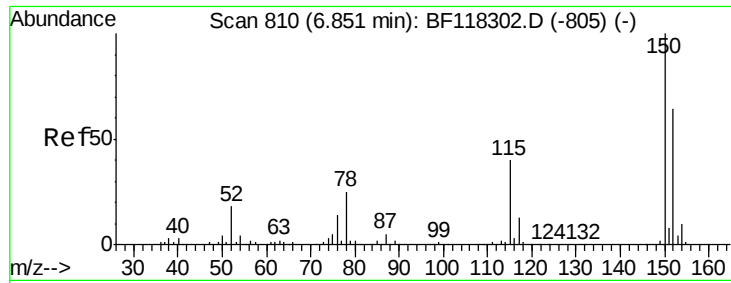
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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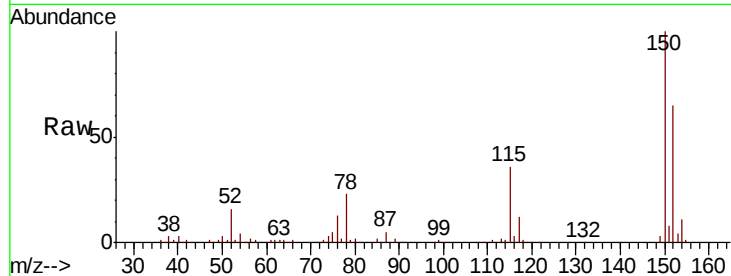


#1

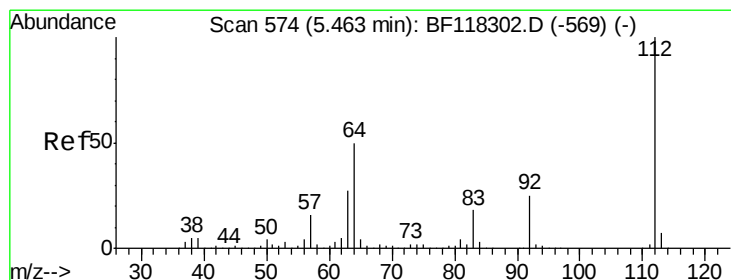
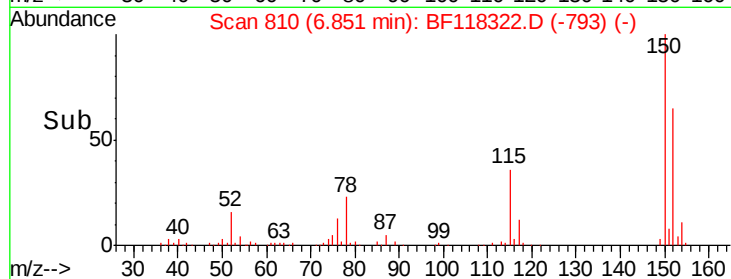
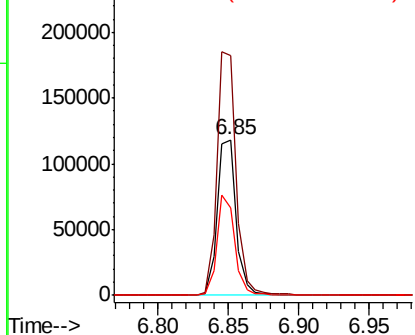
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118322.D
Acq: 26 Dec 2019 17:55

Instrument :
BNA_F
ClientSampled :
GP-3-(3-5)

Tot Ion:152 Resp: 110449
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 55.9 50.2 75.4



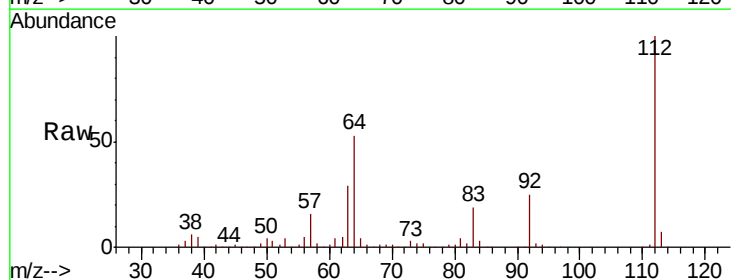
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



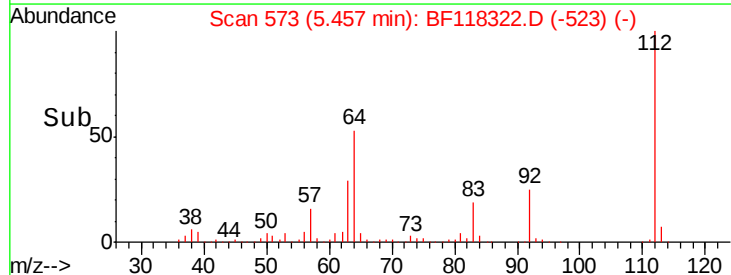
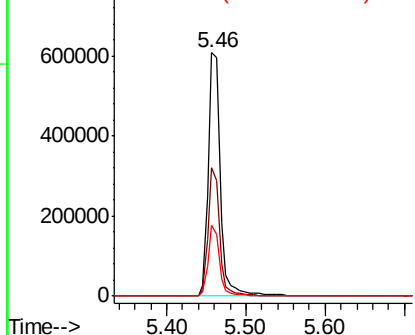
#5

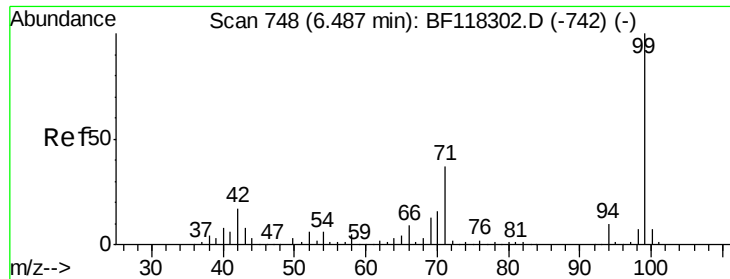
2-Fluorophenol
Concen: 100.863 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF118322.D
Acq: 26 Dec 2019 17:55

Tgt Ion:112 Resp: 652626
Ion Ratio Lower Upper
112 100
64 52.7 39.7 59.5
63 28.8 21.7 32.5



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: 102.566 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118322.D

Acq: 26 Dec 2019 17:55

Instrument :

BNA_F

ClientSampleId :

GP-3-(3-5)

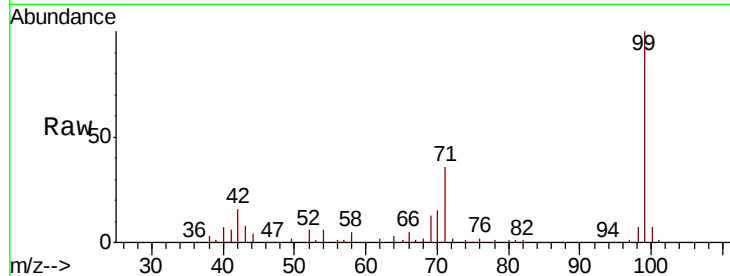
Tot Ion: 99 Resp: 823264

Ion Ratio Lower Upper

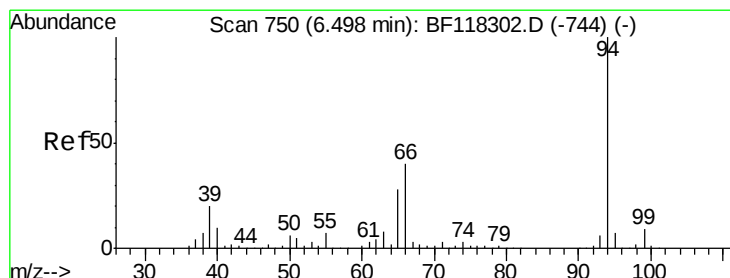
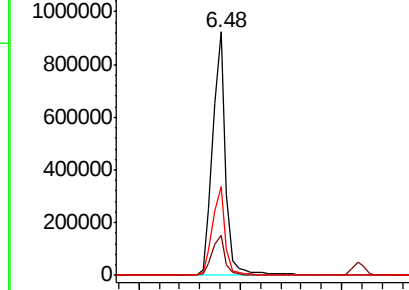
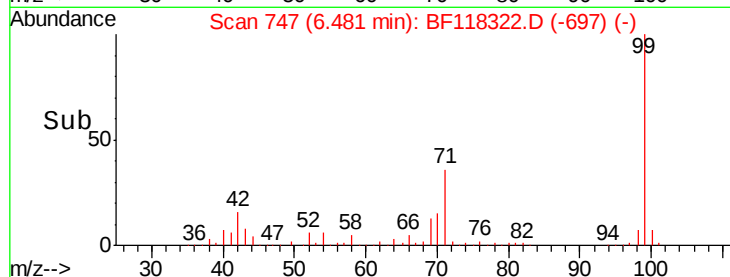
99 100

42 16.5 13.5 20.3

71 36.4 29.4 44.2



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



#10

Phenol

Concen: 2.714 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118322.D

Acq: 26 Dec 2019 17:55

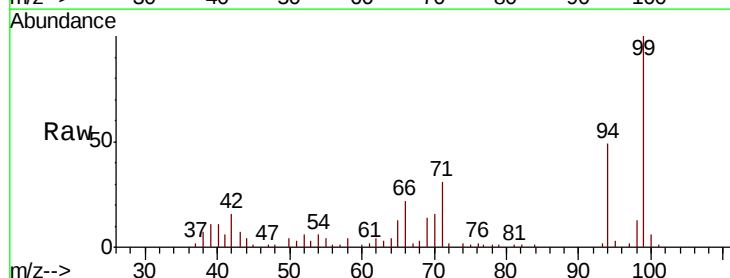
Tgt Ion: 94 Resp: 24489

Ion Ratio Lower Upper

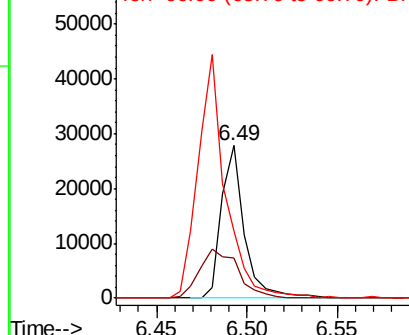
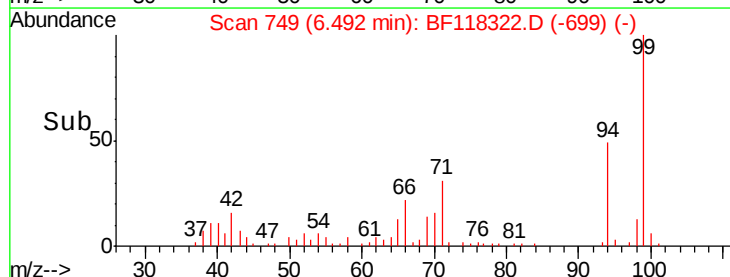
94 100

65 26.7 7.8 47.8

66 43.8 20.4 60.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118322.D

Acq: 26 Dec 2019 17:55

Instrument :

BNA_F

ClientSampleId :

GP-3-(3-5)

Tot Ion:136 Resp: 432458

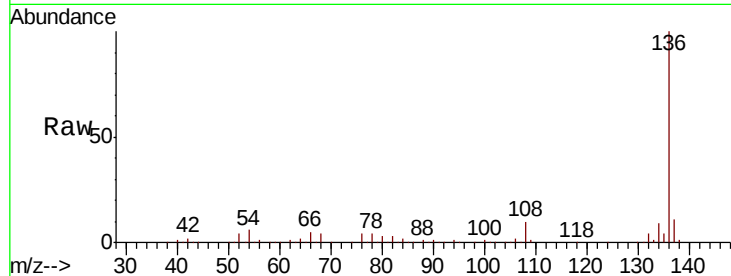
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.7 4.2 6.4

68 4.5 3.5 5.3

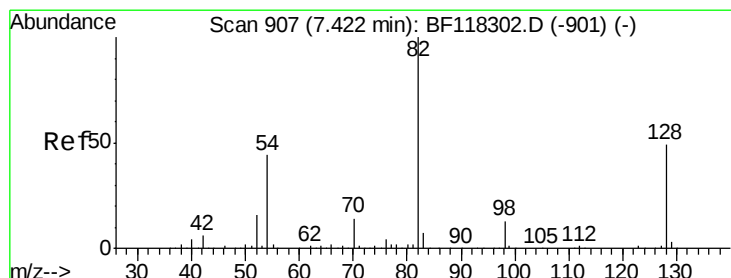
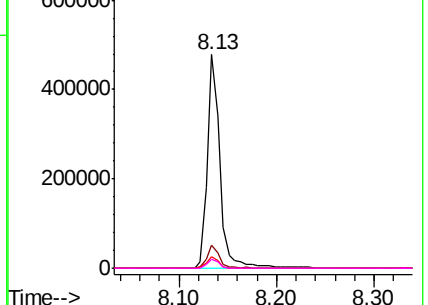
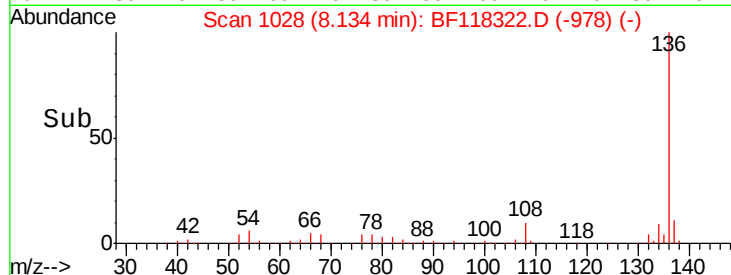


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 65.009 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF118322.D

Acq: 26 Dec 2019 17:55

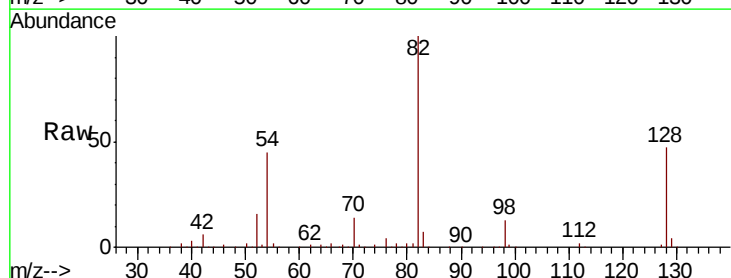
Tgt Ion: 82 Resp: 491540

Ion Ratio Lower Upper

82 100

128 47.0 39.6 59.4

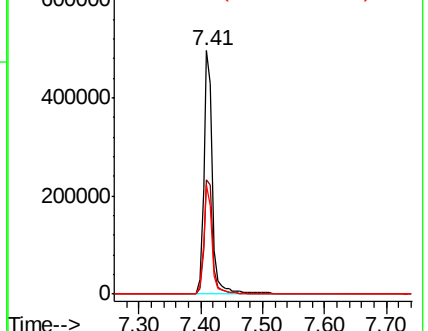
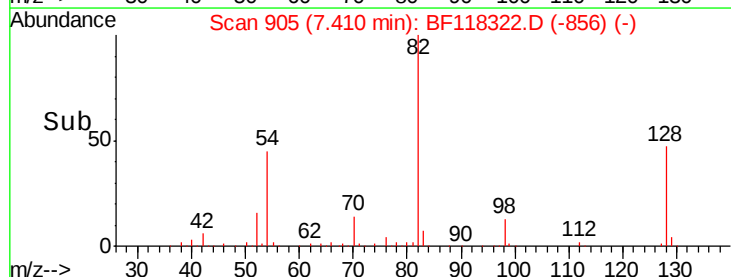
54 44.7 34.9 52.3

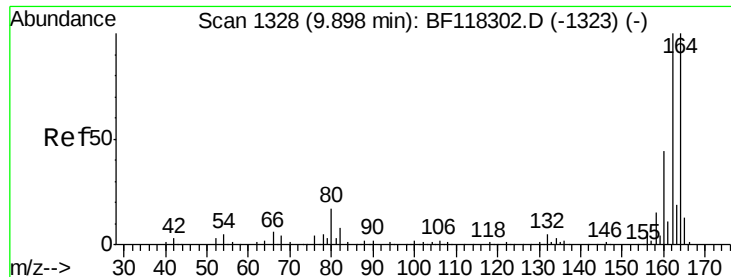


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118322.D

Acq: 26 Dec 2019 17:55

Instrument :

BNA_F

ClientSampleId :

GP-3-(3-5)

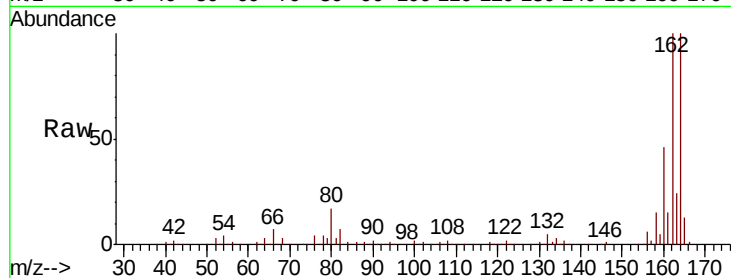
Tot Ion:164 Resp: 230880

Ion Ratio Lower Upper

164 100

162 100.3 80.0 120.0

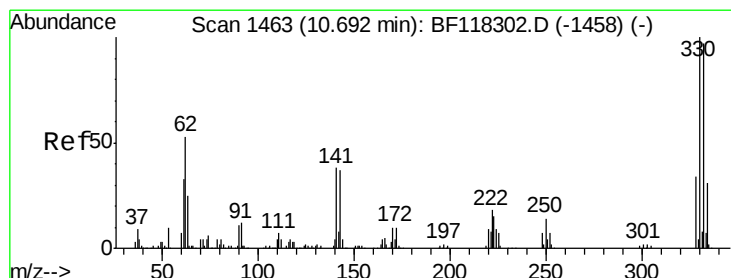
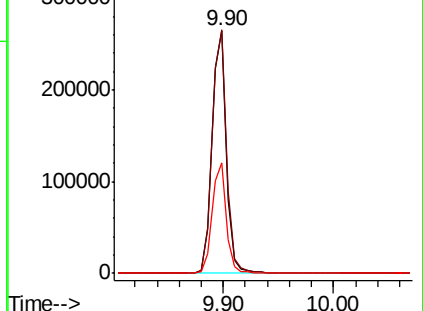
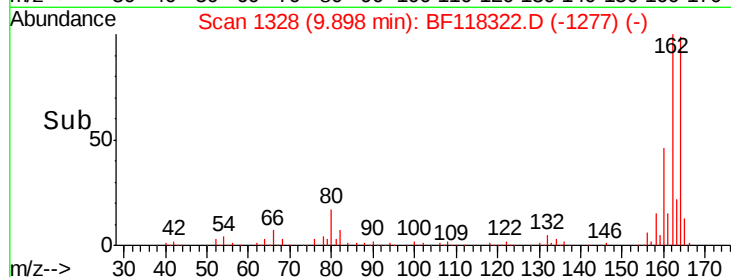
160 45.8 34.8 52.2



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



#42

2,4,6-Tribromophenol

Concen: 95.157 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF118322.D

Acq: 26 Dec 2019 17:55

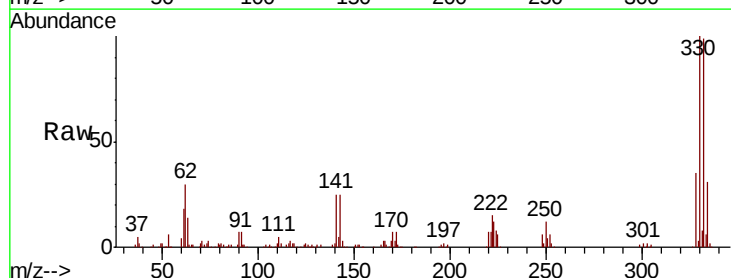
Tgt Ion:330 Resp: 271312

Ion Ratio Lower Upper

330 100

332 98.3 76.6 114.8

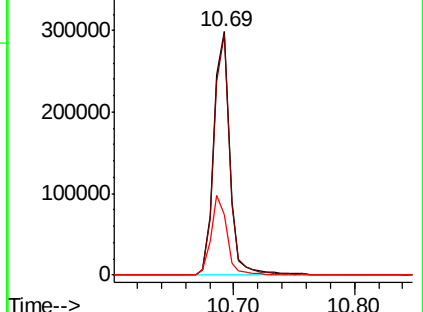
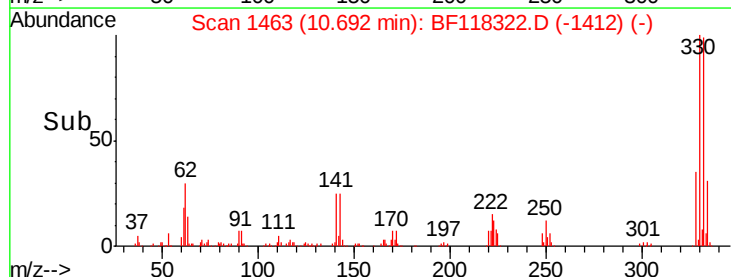
141 32.7 26.0 39.0

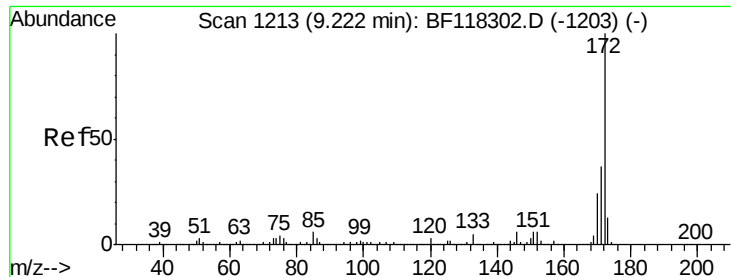


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

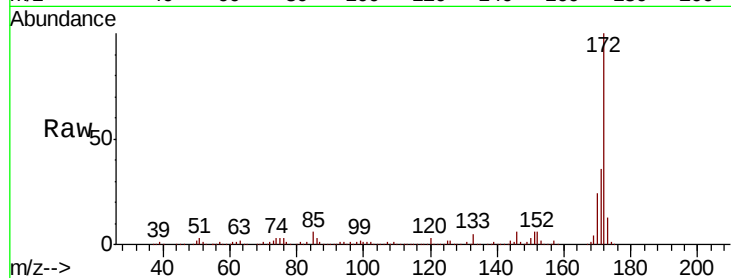




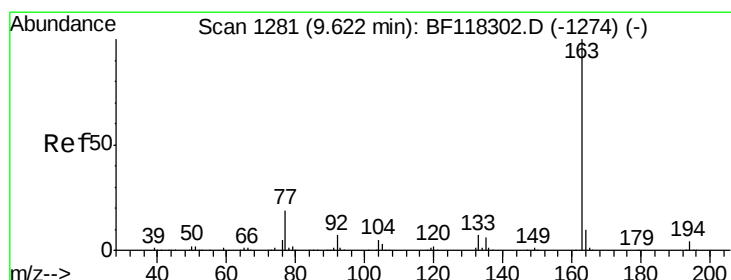
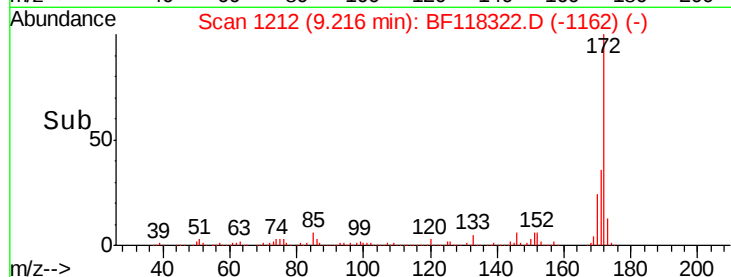
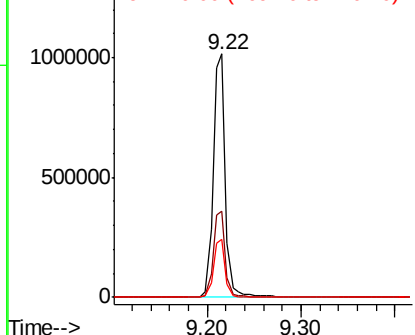
#45
2-Fluorobiphenyl
Concen: 61.529 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118322.D
Acq: 26 Dec 2019 17:55

Instrument :
BNA_F
ClientSampleId :
GP-3-(3-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.3	43.9
170	23.8	19.2	28.8

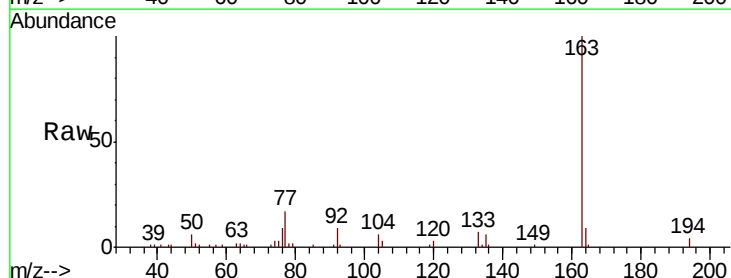


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

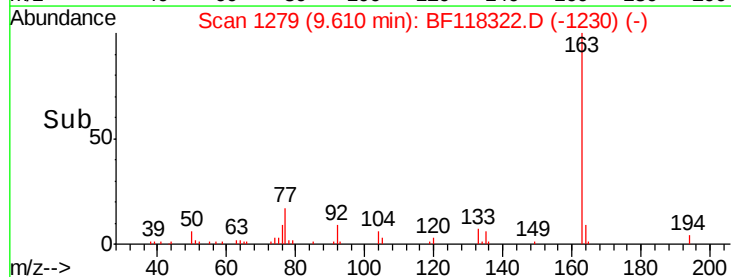
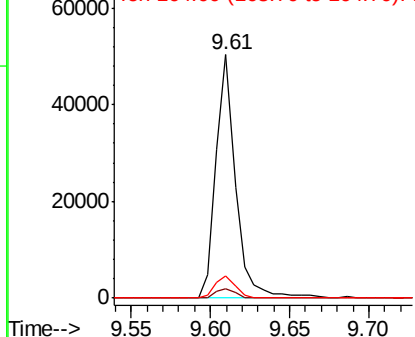


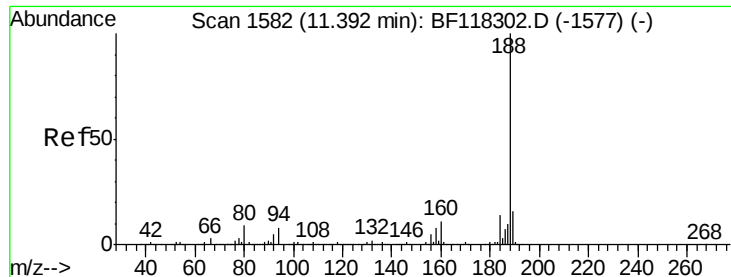
#50
Dimethylphthalate
Concen: 2.519 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118322.D
Acq: 26 Dec 2019 17:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.2	7.9	11.9



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

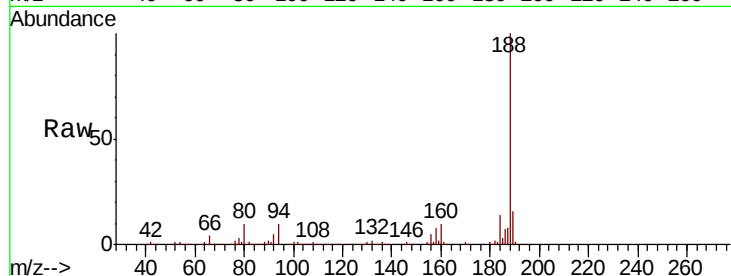




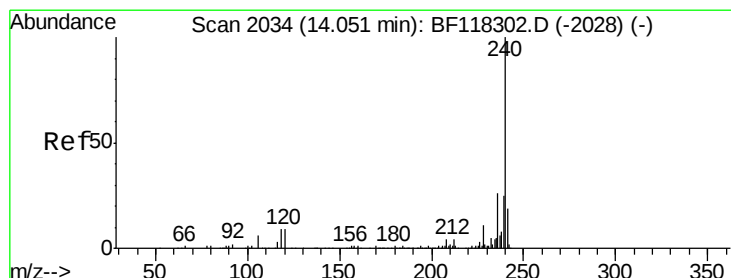
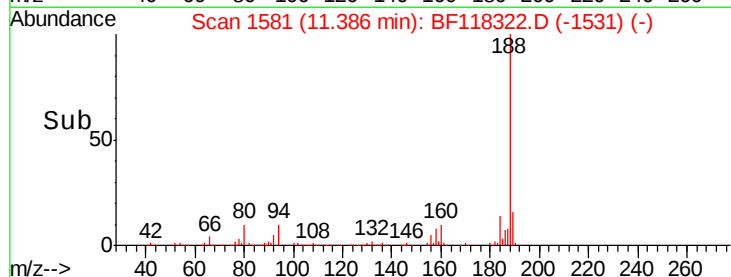
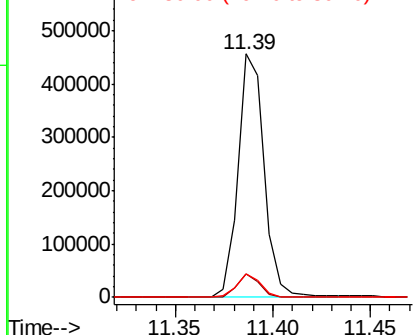
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118322.D
Acq: 26 Dec 2019 17:55

Instrument :
BNA_F
ClientSampleId :
GP-3-(3-5)

Tot Ion:188 Resp: 422757
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 9.7 7.2 10.8

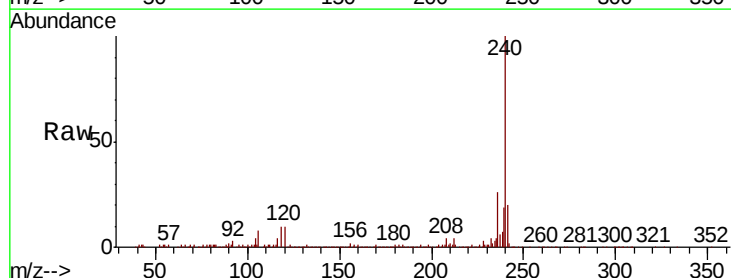


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

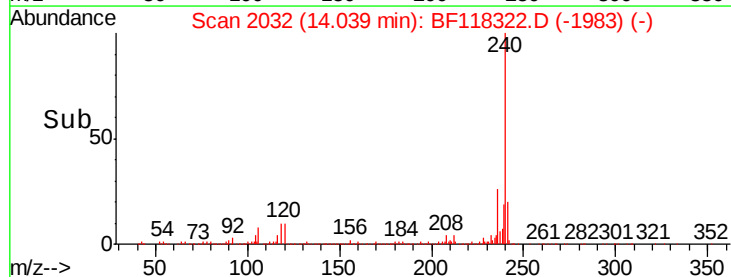
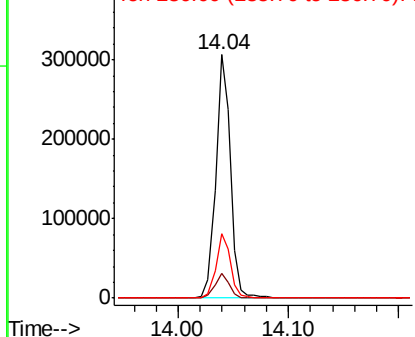


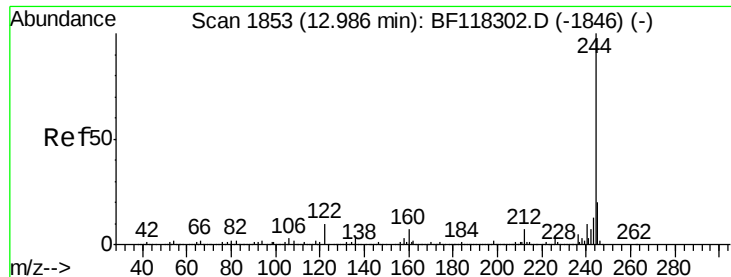
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118322.D
Acq: 26 Dec 2019 17:55

Tgt Ion:240 Resp: 280279
Ion Ratio Lower Upper
240 100
120 10.3 7.1 10.7
236 26.4 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: 59.543 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118322.D

Acq: 26 Dec 2019 17:55

Instrument :

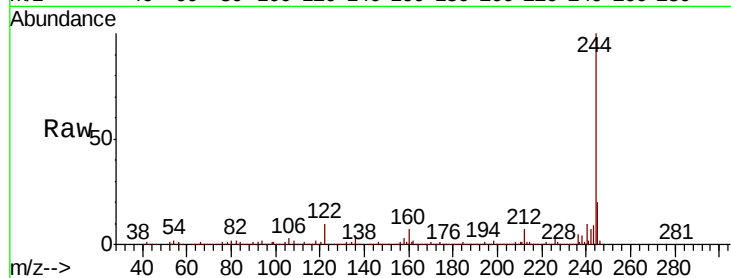
BNA_F

ClientSampled :

GP-3-(3-5)

Tot Ion:244 Resp: 1005937

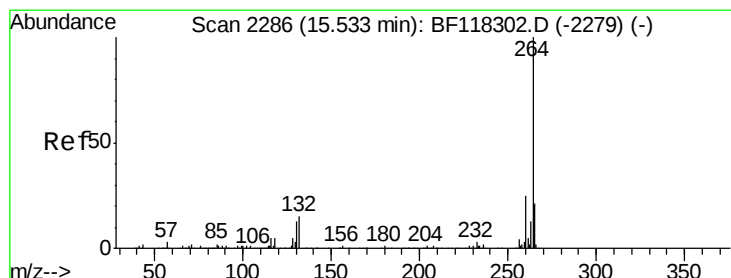
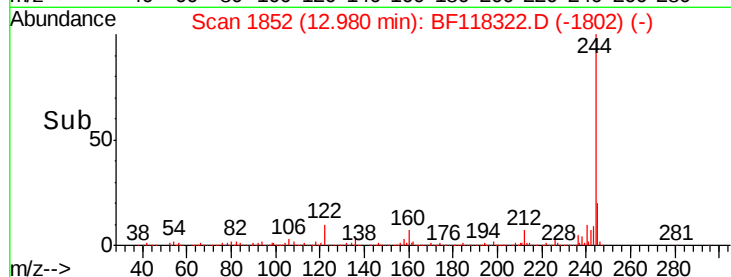
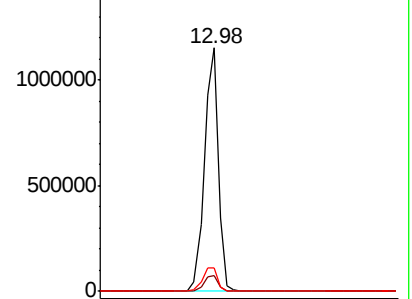
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	9.7	7.8	11.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

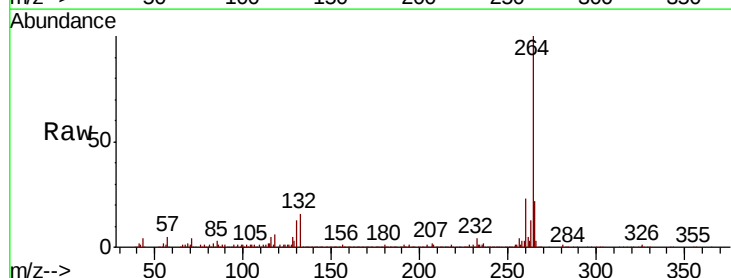
Delta R.T. -0.01 min

Lab File: BF118322.D

Acq: 26 Dec 2019 17:55

Tgt Ion:264 Resp: 318543

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	21.7	17.0	25.4



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

