

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117855.D
 Acq On : 19 Nov 2019 13:21
 Operator : JU
 Sample : K5862-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13A-S

Quant Time: Nov 20 00:35:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

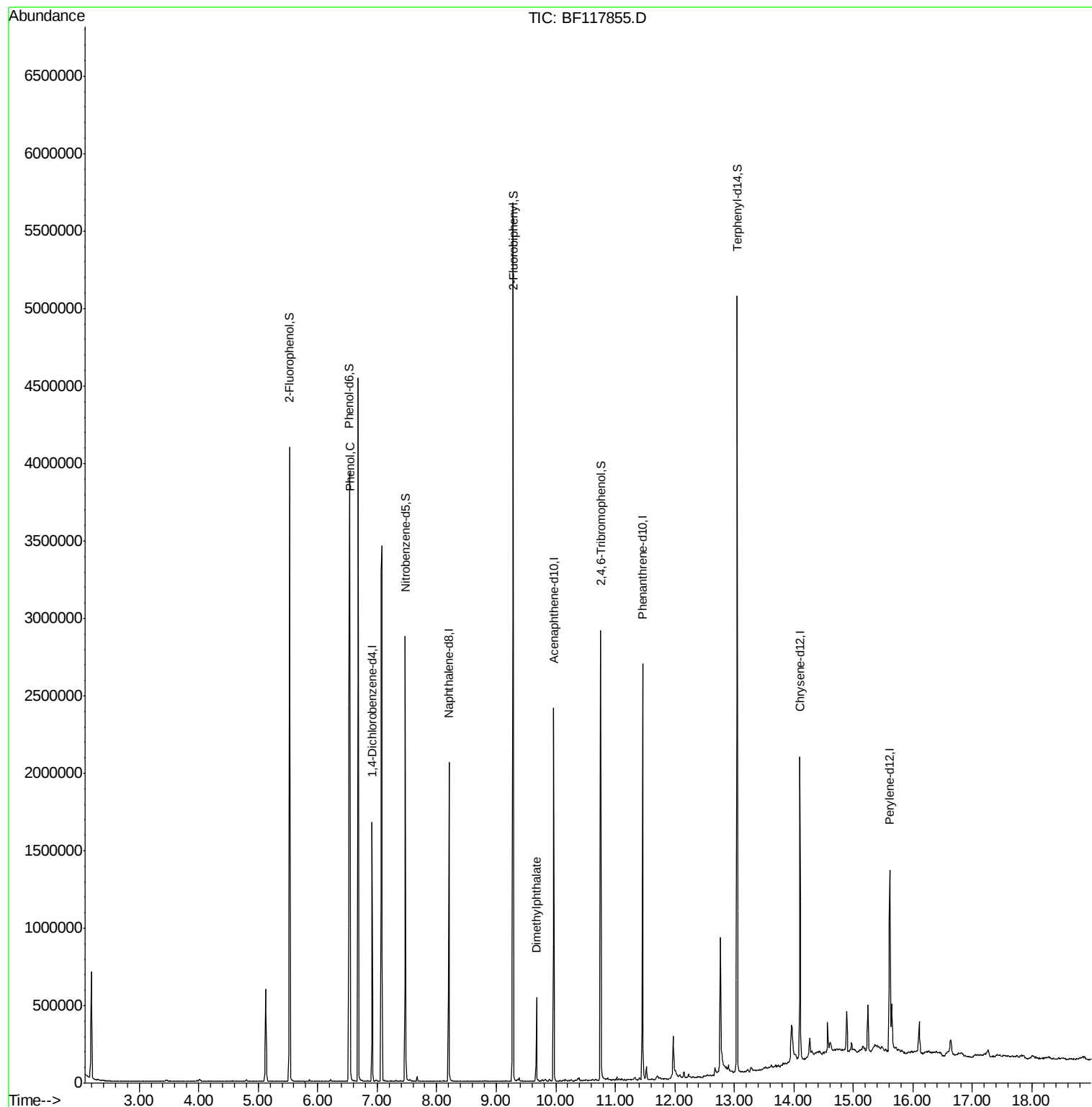
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	228745	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	898438	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	484233	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	913072	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	592720	20.00	ng	-0.01
87) Perylene-d12	15.61	264	537187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1125432	87.09	ng	0.00
7) Phenol-d6	6.53	99	1447224	92.85	ng	-0.01
23) Nitrobenzene-d5	7.47	82	861335	56.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	371258	72.42	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1621805	60.09	ng	-0.01
79) Terphenyl-d14	13.05	244	1859000	57.32	ng	0.00
Target Compounds						
10) Phenol	6.55	94	88230	5.447	ng	98
50) Dimethylphthalate	9.67	163	207661	6.116	ng	96

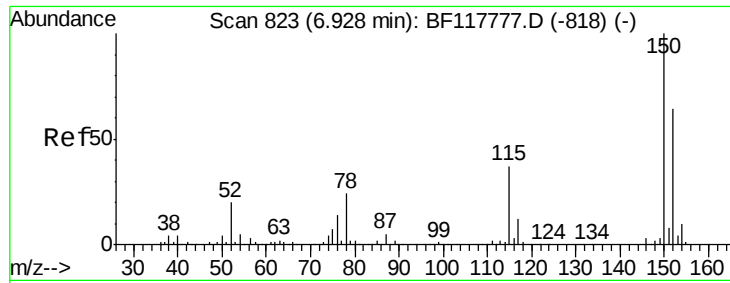
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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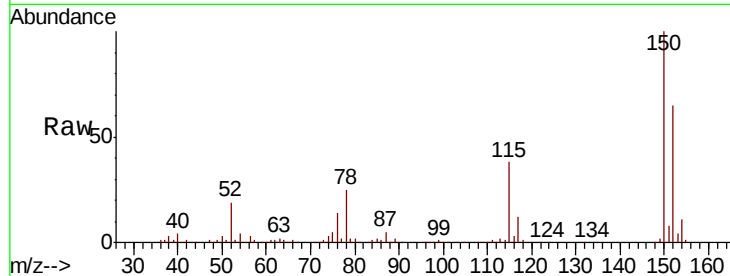


#1

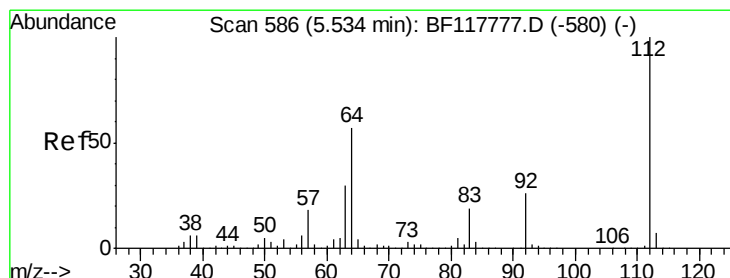
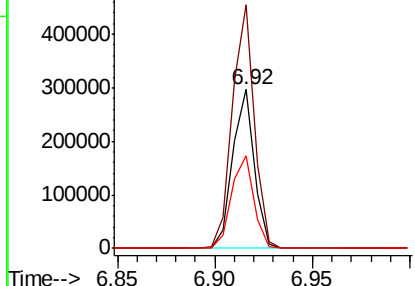
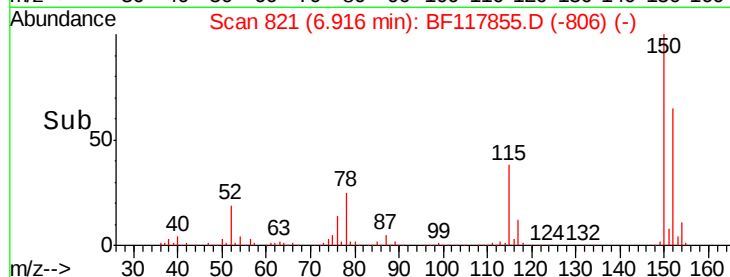
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tot Ion:152 Resp: 228745
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 58.3 47.0 70.4



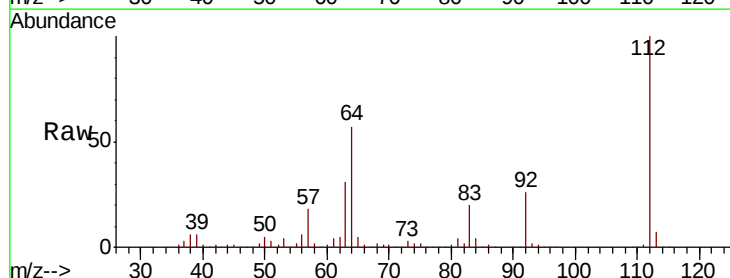
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



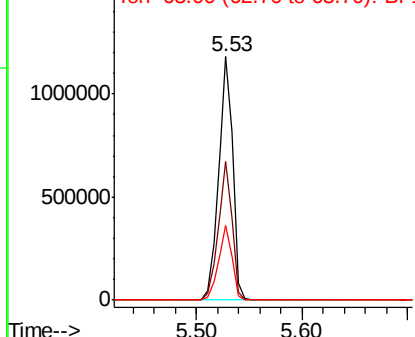
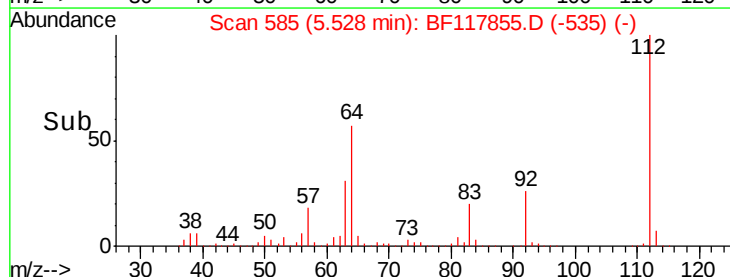
#5

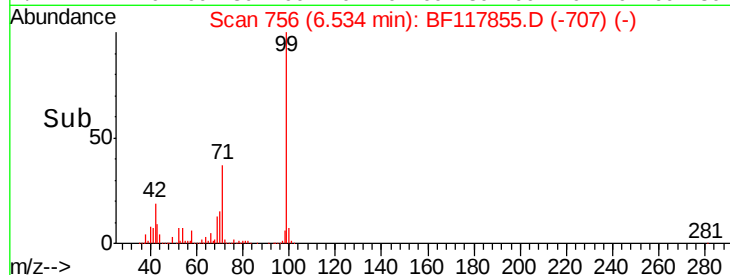
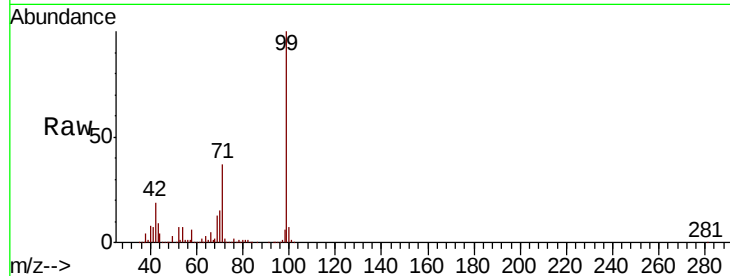
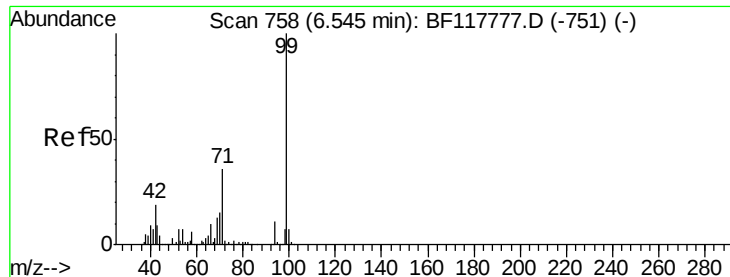
2-Fluorophenol
Concen: 87.090 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:112 Resp: 1125432
Ion Ratio Lower Upper
112 100
64 57.1 45.6 68.4
63 30.6 24.1 36.1



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: 92.849 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

Instrument :

BNA_F

ClientSampleId :

TP-13A-S

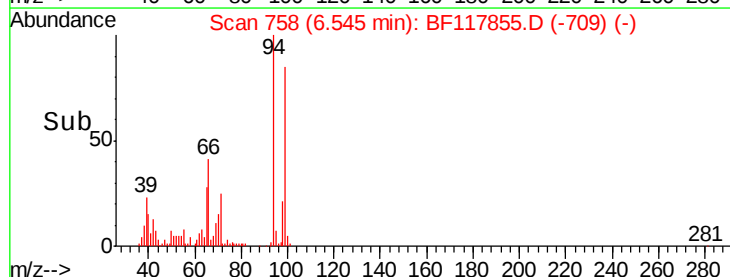
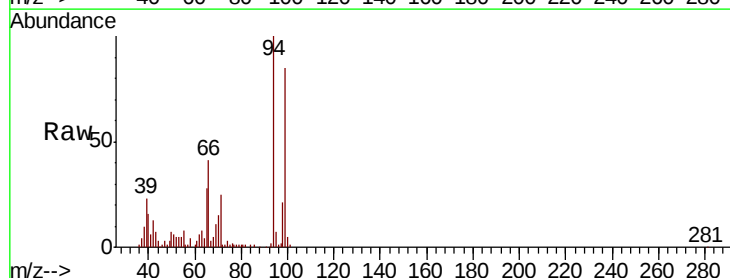
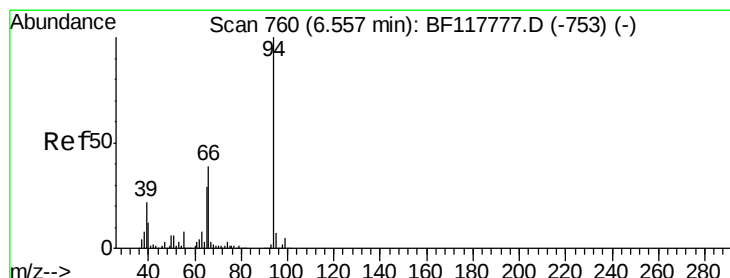
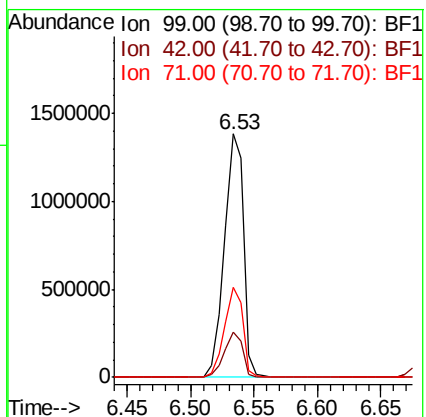
Tot Ion: 99 Resp: 1447224

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 36.8 28.6 43.0



#10

Phenol

Concen: 5.447 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

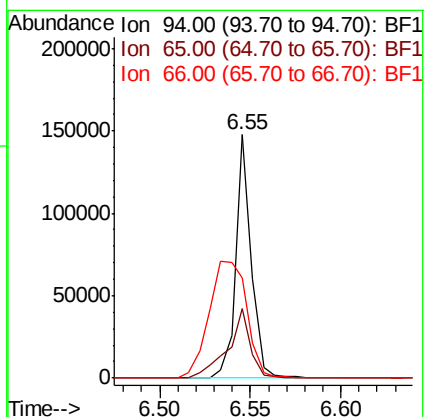
Tgt Ion: 94 Resp: 88230

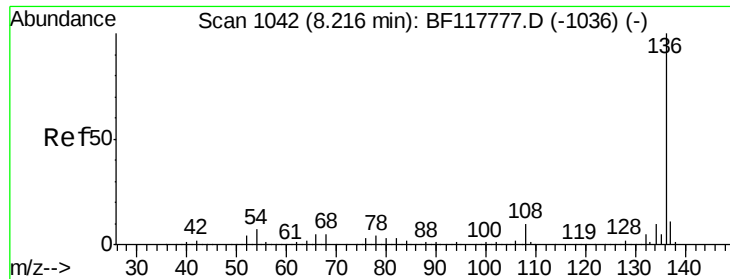
Ion Ratio Lower Upper

94 100

65 28.5 8.9 48.9

66 41.0 18.7 58.7

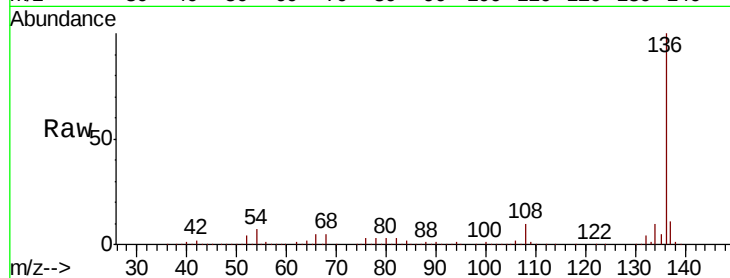




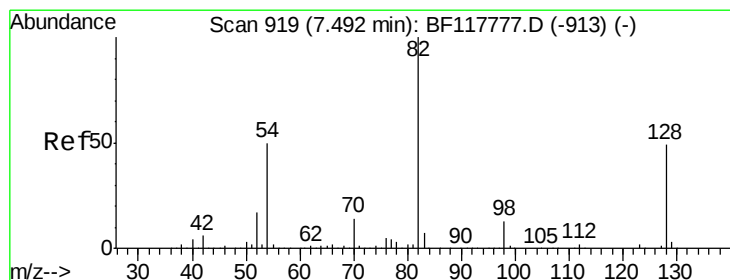
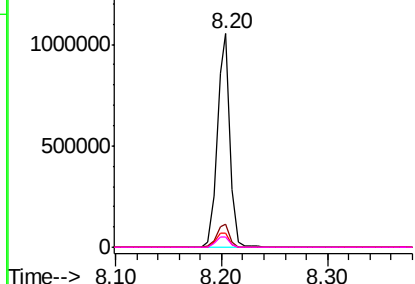
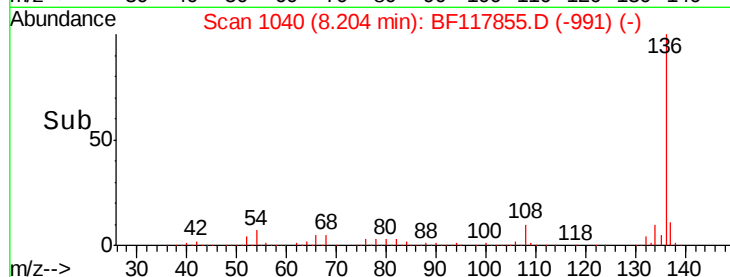
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tot Ion:136	Resp:	898438
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.7	5.4 8.2
68	5.0	4.3 6.5

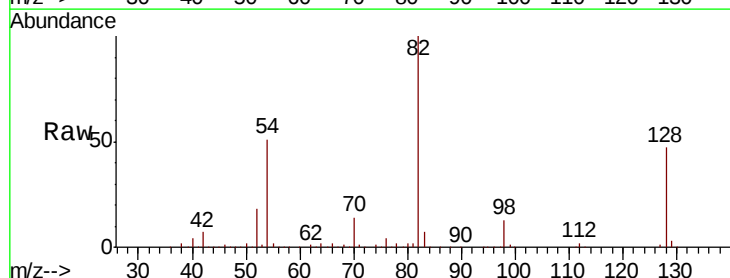


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

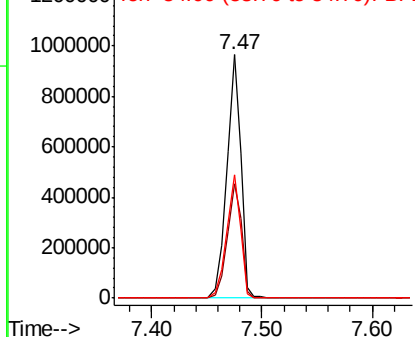
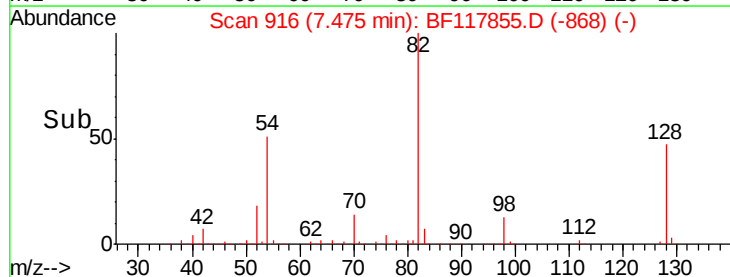


#23
Nitrobenzene-d5
Concen: 56.991 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion: 82	Resp:	861335
Ion Ratio	Lower	Upper
82	100	
128	47.2	38.9 58.3
54	50.7	39.8 59.6



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

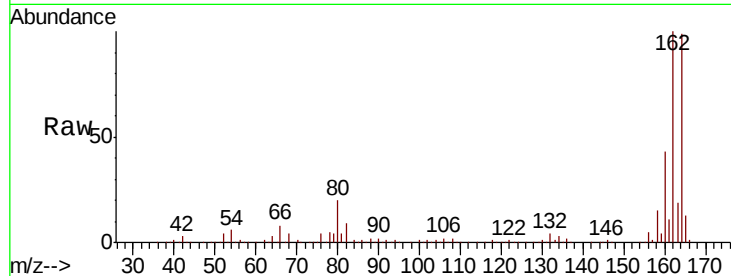




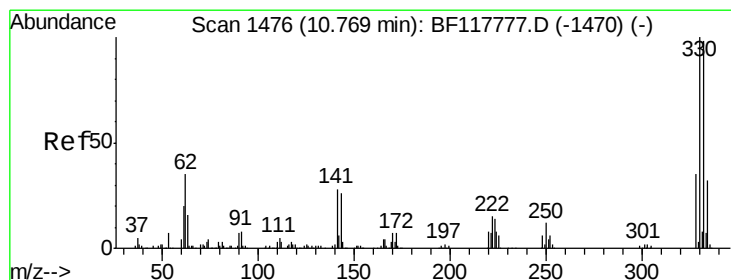
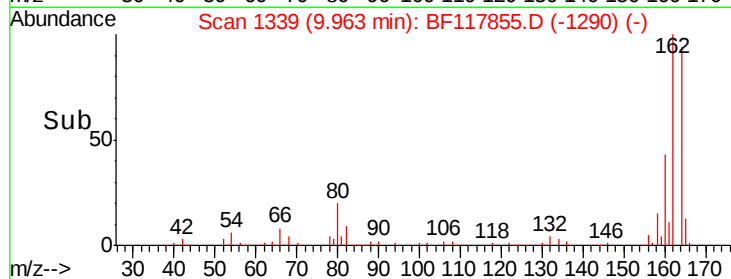
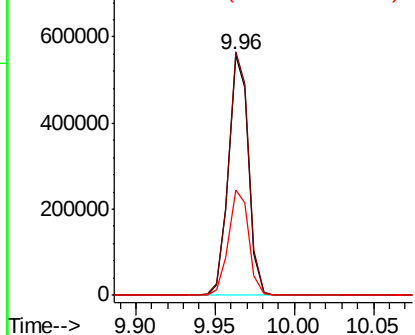
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tot Ion:164 Resp: 484233
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.1 36.6 55.0

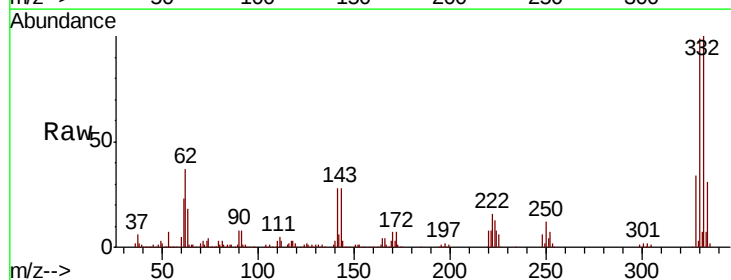


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

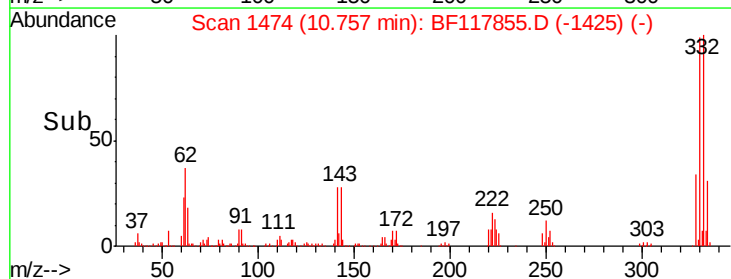
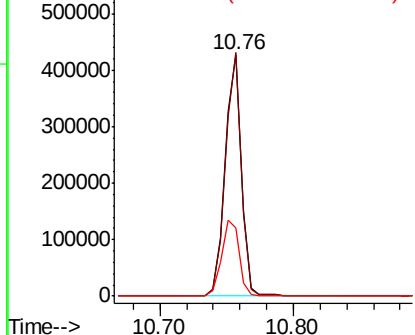


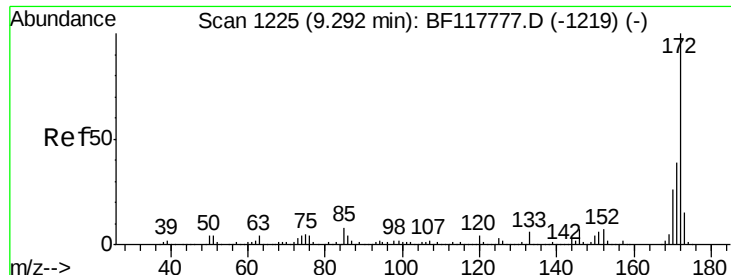
#42
2,4,6-Tribromophenol
Concen: 72.419 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:330 Resp: 371258
Ion Ratio Lower Upper
330 100
332 98.1 76.7 115.1
141 33.9 27.7 41.5



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

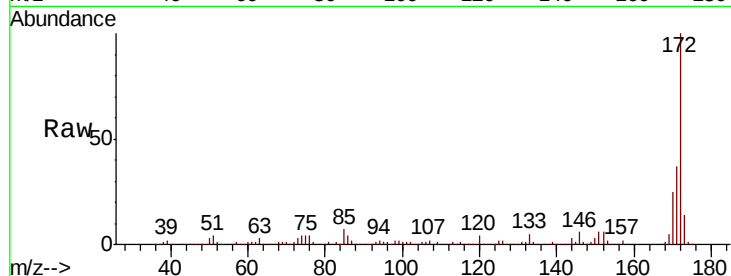




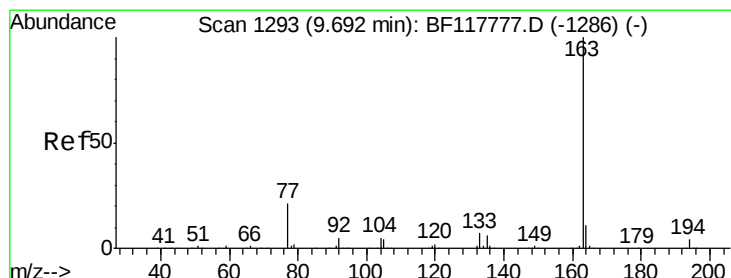
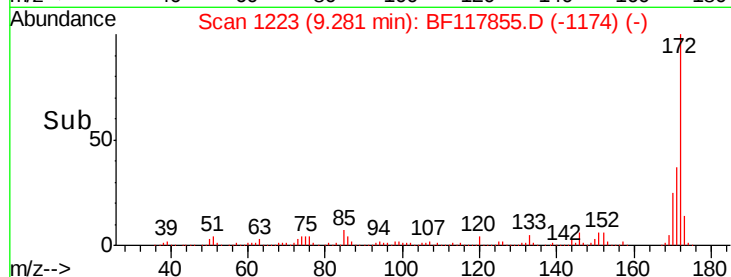
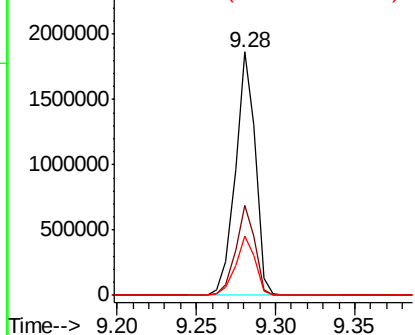
#45
2-Fluorobiphenyl
Concen: 60.086 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tot Ion:172 Resp: 1621805
Ion Ratio Lower Upper
172 100
171 37.0 30.9 46.3
170 24.5 21.0 31.4

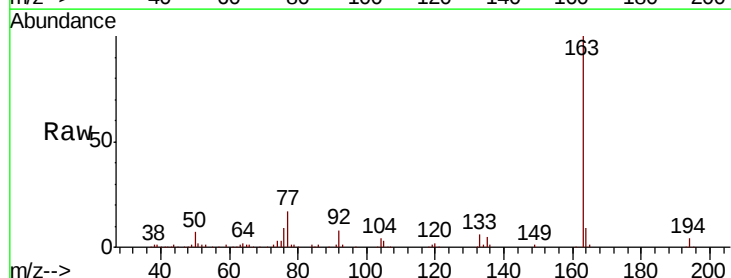


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

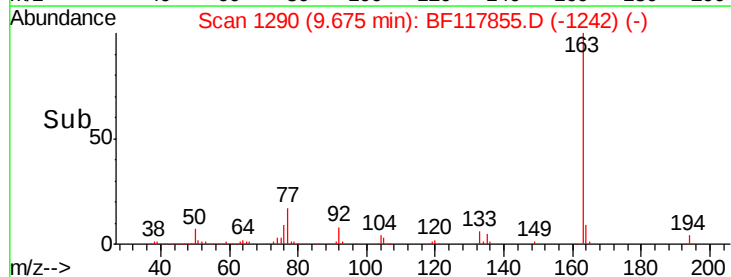
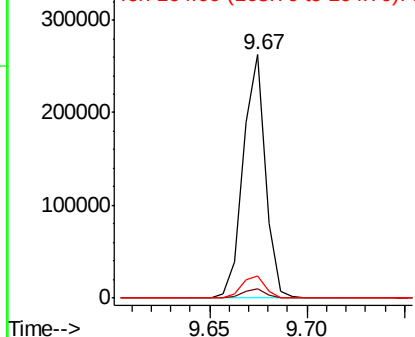


#50
Dimethylphthalate
Concen: 6.116 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:163 Resp: 207661
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.1 8.7 13.1



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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

Instrument :

BNA_F

ClientSampled :

TP-13A-S

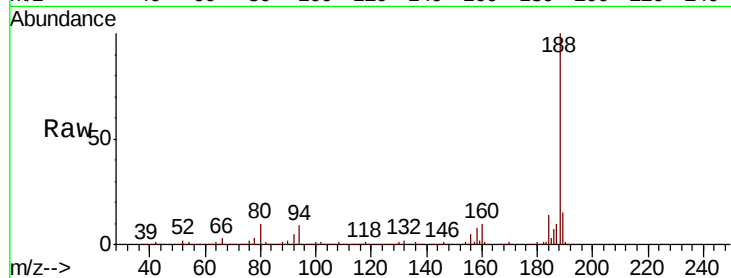
Tot Ion:188 Resp: 913072

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

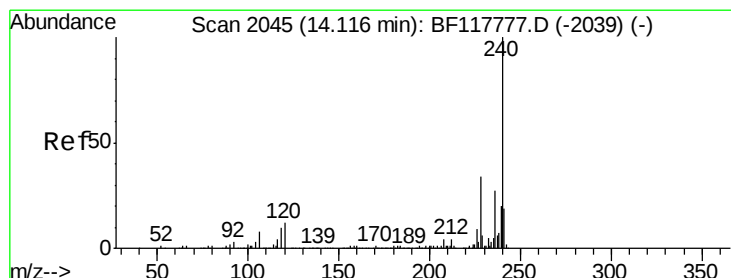
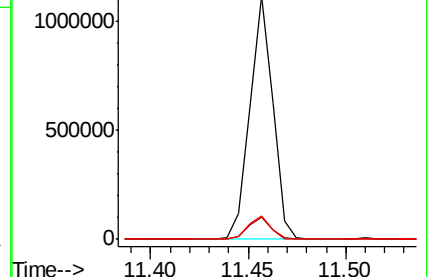
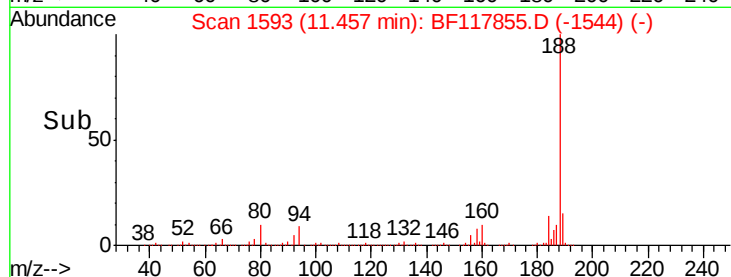
80 9.8 7.2 10.8



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

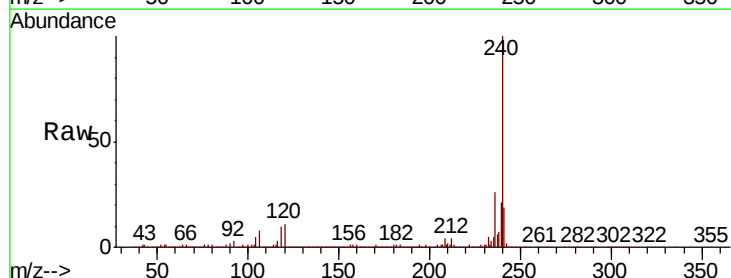
Tgt Ion:240 Resp: 592720

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

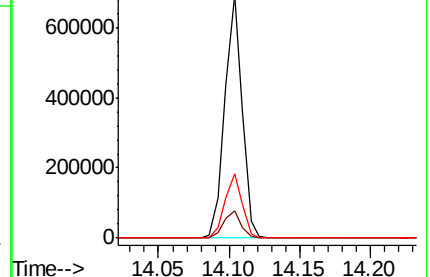
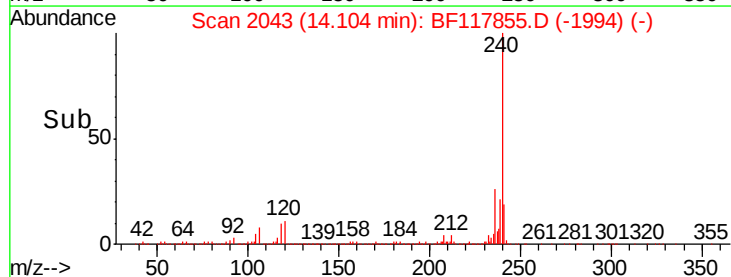
236 26.4 21.3 31.9

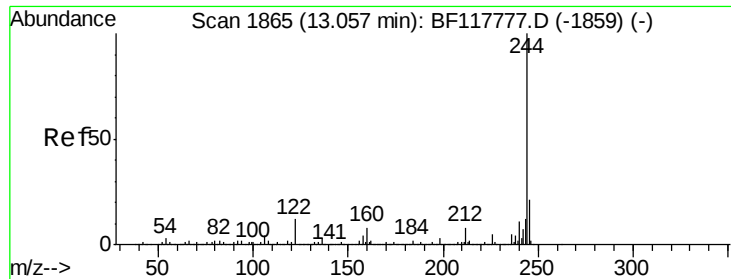


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.321 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

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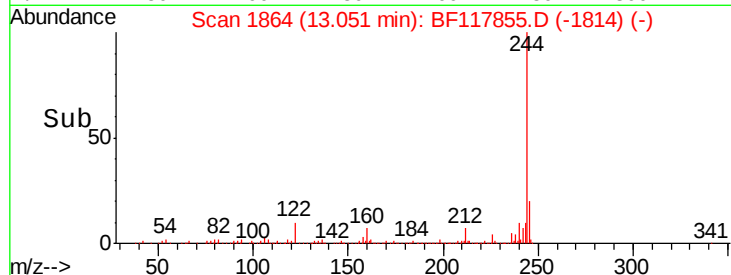
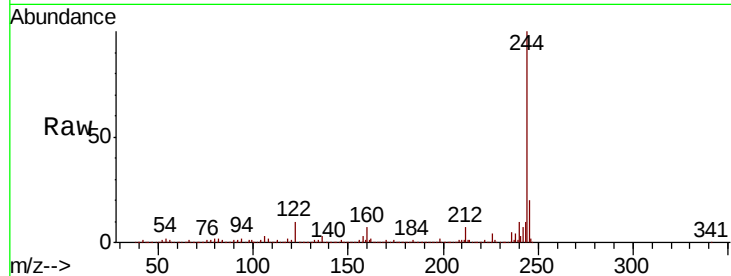
Tot Ion:244 Resp: 1859000

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.3	9.5
122	9.6	9.4	14.2

244 100

212 6.6 6.3 9.5

122 9.6 9.4 14.2

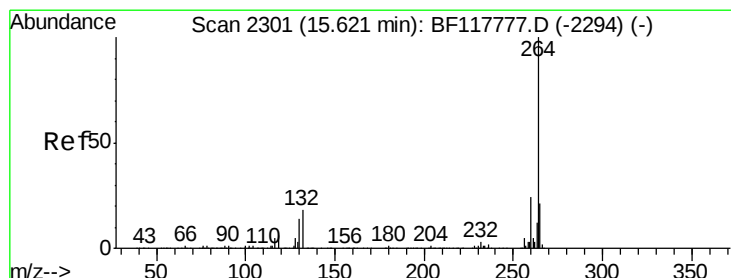
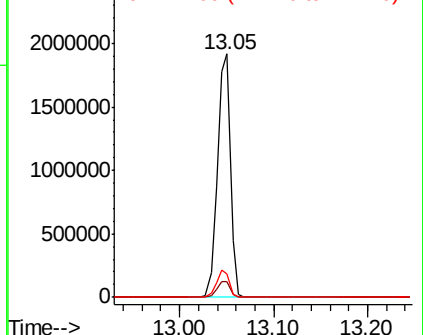


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

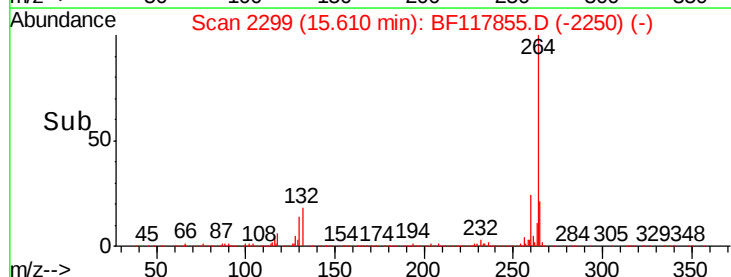
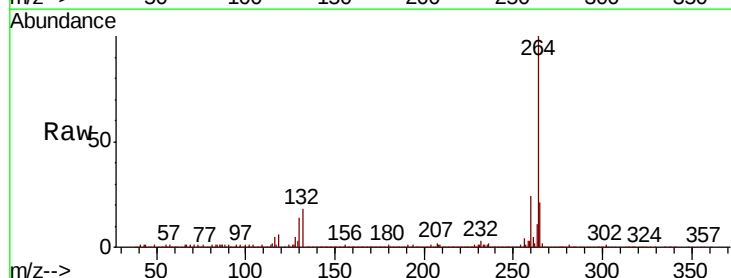
Tgt Ion:264 Resp: 537187

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.5	17.1	25.7

264 100

260 24.1 19.4 29.0

265 21.5 17.1 25.7



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

