

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110565.D
 Acq On : 7 Nov 2018 19:41
 Operator : JU/SJ
 Sample : J5813-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:22:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

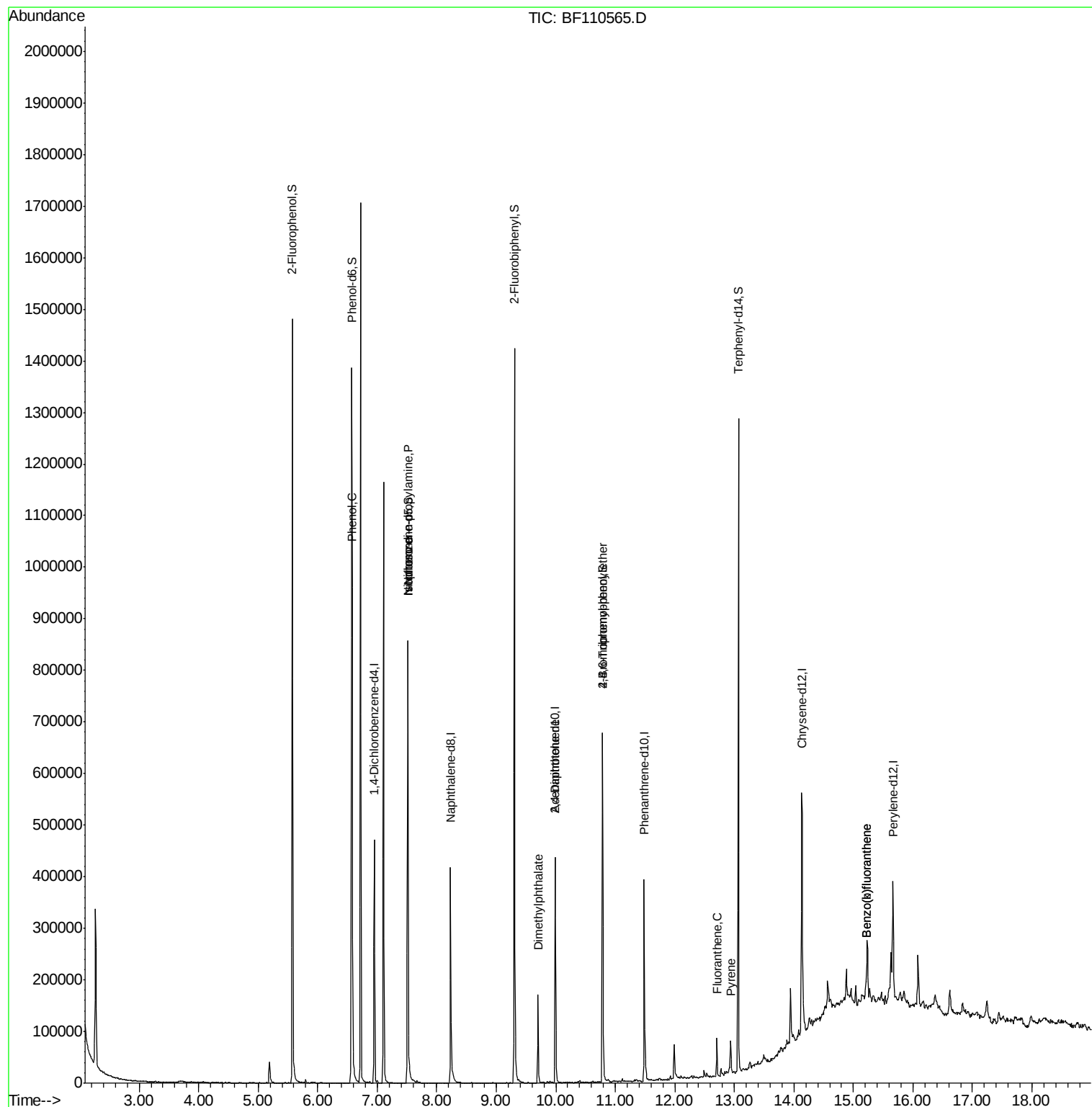
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65778	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	237088	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	90962	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	156203	20.00	ng	0.00
76) Chrysene-d12	14.13	240	162247	20.00	ng	0.00
87) Perylene-d12	15.66	264	111458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	399495	98.90	ng	0.00
7) Phenol-d6	6.57	99	484496	93.78	ng	0.00
23) Nitrobenzene-d5	7.52	82	301750	75.49	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	81862	90.85	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	462236	79.79	ng	-0.01
79) Terphenyl-d14	13.07	244	390815	50.10	ng	0.00
Target Compounds						
10) Phenol	6.59	94	31213	5.652	ng	# 73
19) n-Nitroso-di-n-propylamine	7.52	70	37754	11.390	ng	# 81
25) Isophorone	7.52	82	301750	44.286	ng	# 67
50) Dimethylphthalate	9.70	163	73612	10.963	ng	100
57) 2,4-Dinitrotoluene	9.99	165	11409	6.210	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4942	2.917	ng	# 1
75) Fluoranthene	12.70	202	30663	3.697	ng	99
77) Benzidine	13.07	184	5086	Below Cal		# 93
78) Pyrene	12.94	202	25653	2.205	ng	97
88) Benzo(b)fluoranthene	15.21	252	22705	3.528	ng	# 80
89) Benzo(k)fluoranthene	15.21	252	22705	3.588	ng	# 80

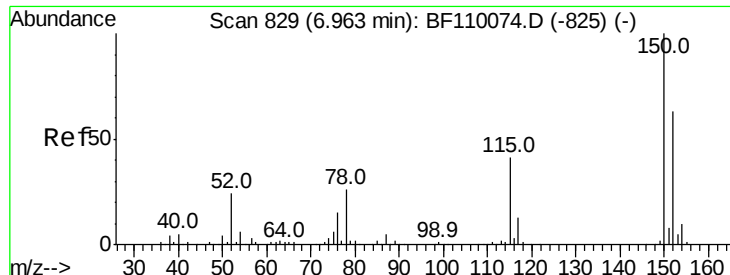
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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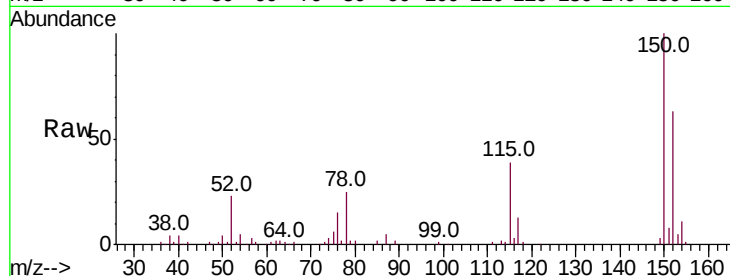


#1

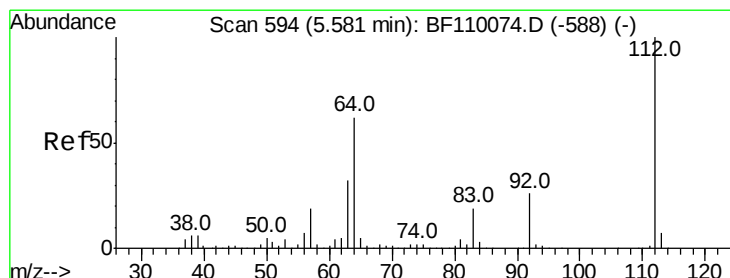
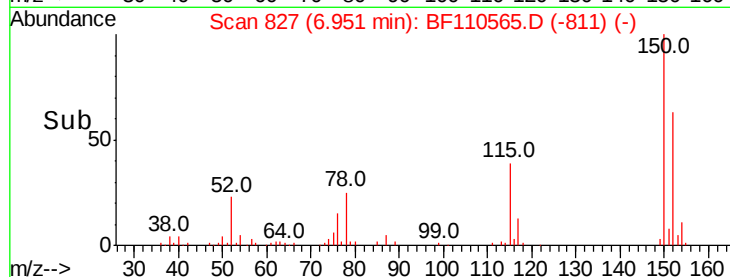
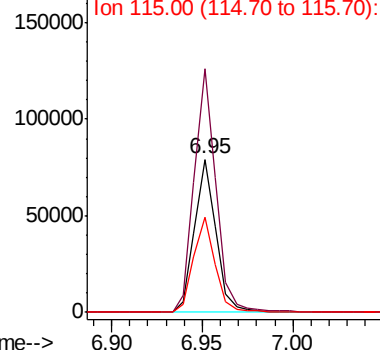
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65778
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 62.7 49.1 73.7



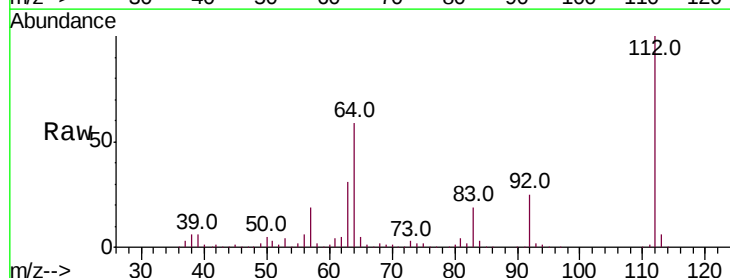
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



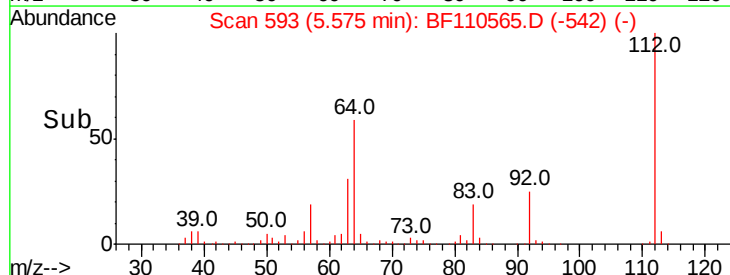
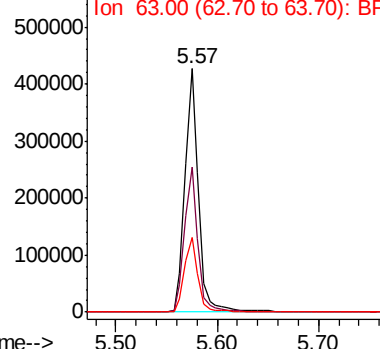
#5

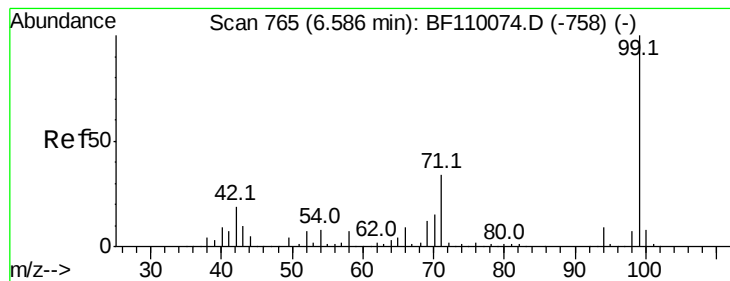
2-Fluorophenol
Concen: 98.902 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Tgt Ion:112 Resp: 399495
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 30.7 23.7 35.5



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: 93.775 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110565.D

Acq: 7 Nov 2018 19:41

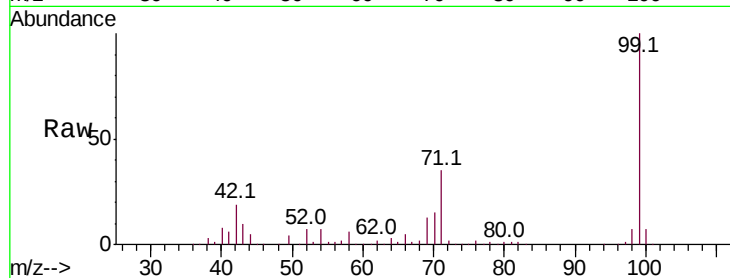
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 484496

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	34.8	28.0	42.0

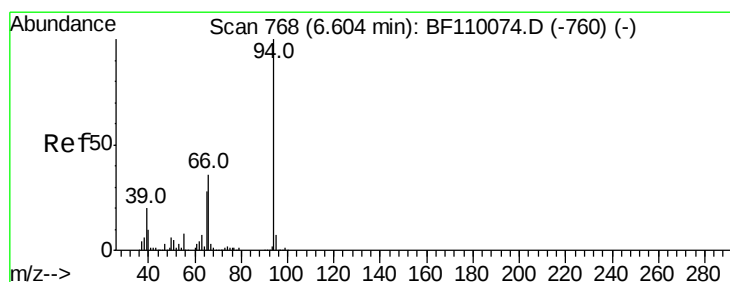
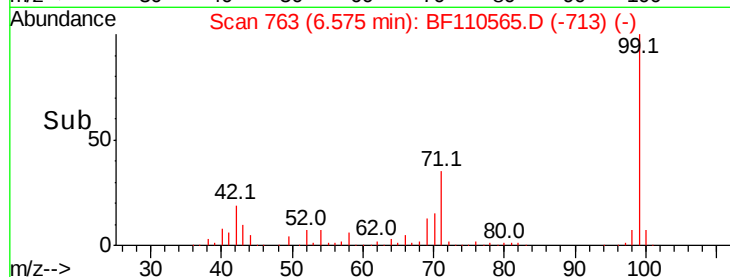
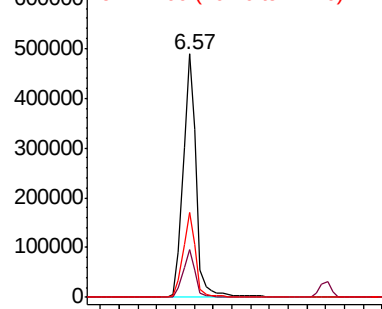


Abundance

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: 5.652 ng

RT: 6.59 min Scan# 765

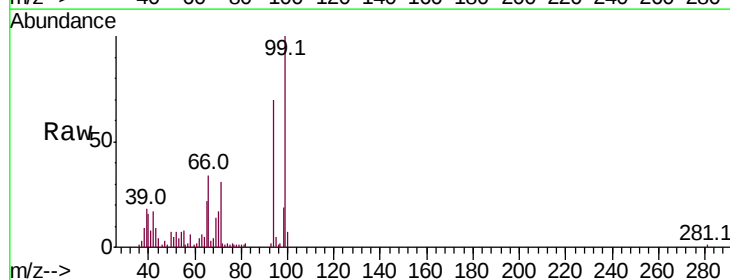
Delta R.T. -0.01 min

Lab File: BF110565.D

Acq: 7 Nov 2018 19:41

Tgt Ion: 94 Resp: 31213

Ion	Ratio	Lower	Upper
94	100		
65	31.7	25.3	65.3
66	47.8	54.5	94.5#

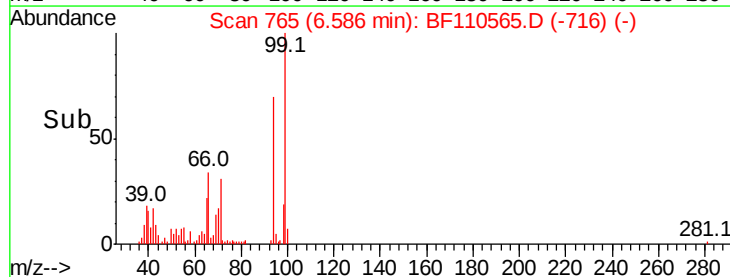
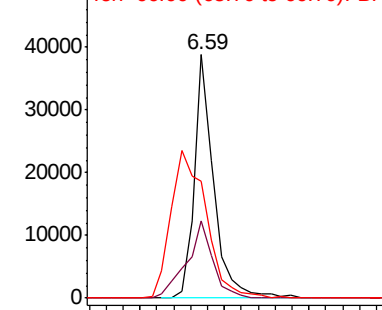


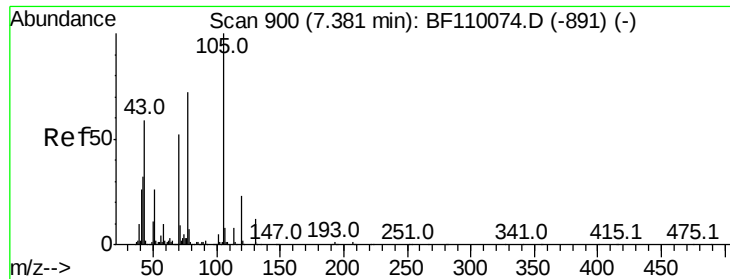
Abundance

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

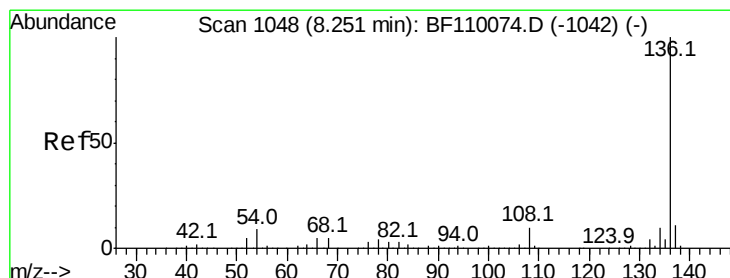
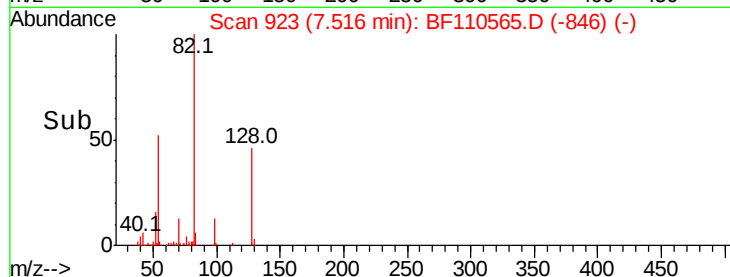
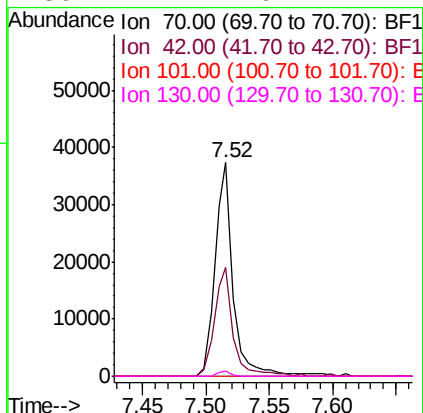
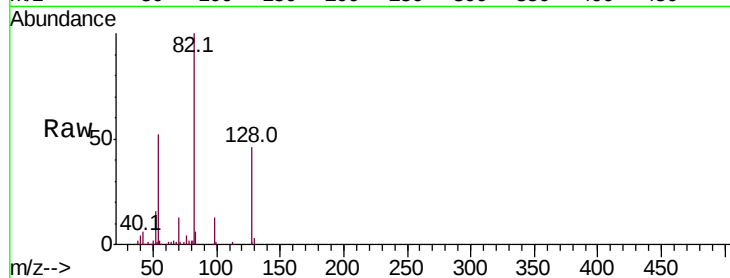




#19
n-Nitroso-di-n-propylamine
Concen: 11.390 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

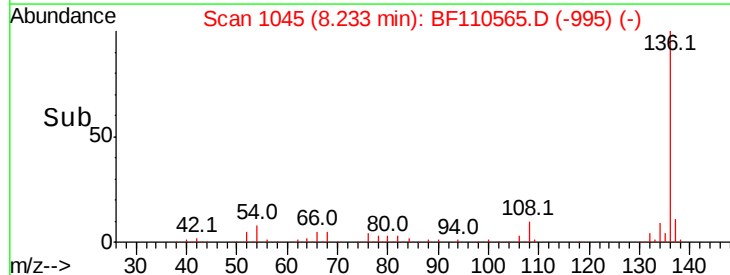
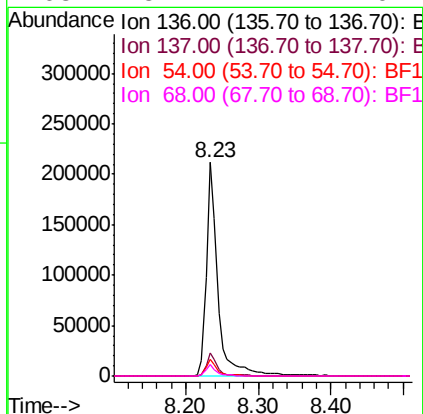
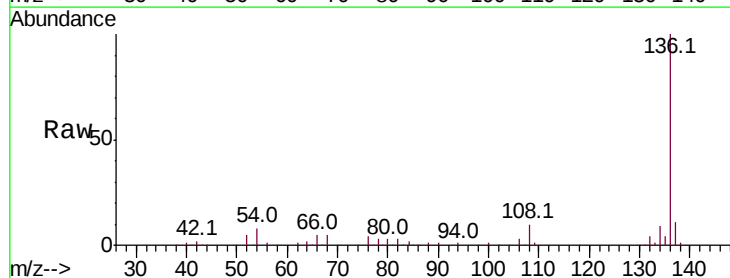
Instrument :
BNA_F
ClientSampled :

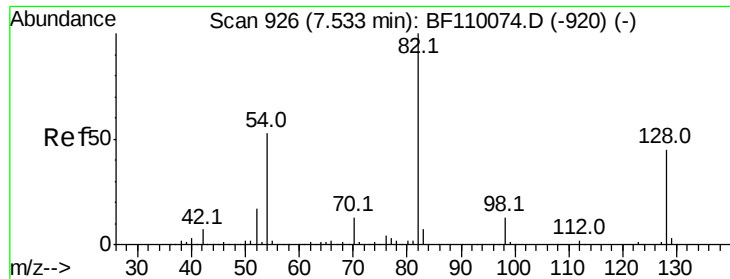
Tot Ion: 70 Resp: 37754
Ion Ratio Lower Upper
70 100
42 51.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Tgt Ion: 136 Resp: 237088
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 5.4 8.2
68 5.4 4.2 6.2

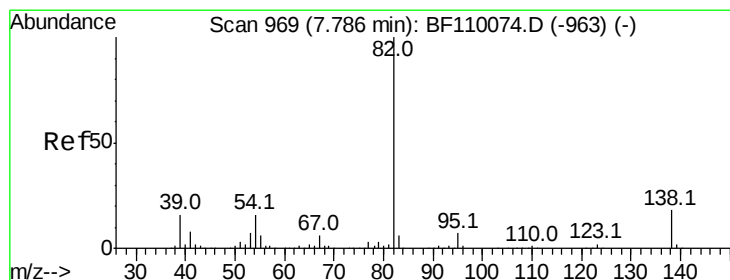
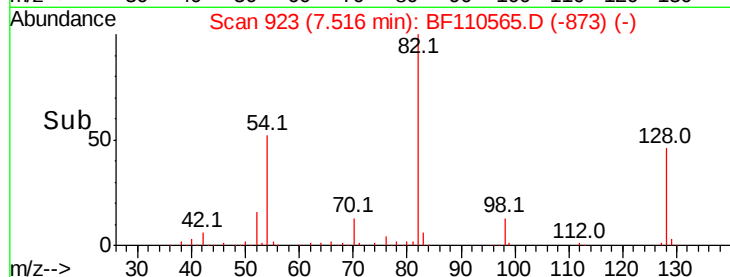
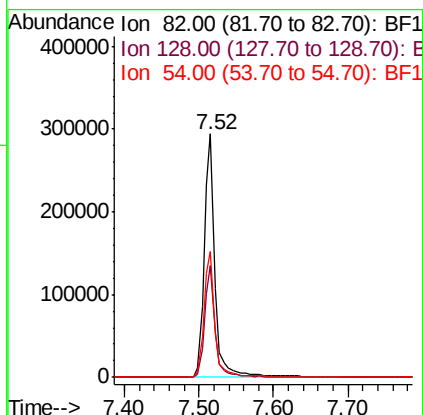
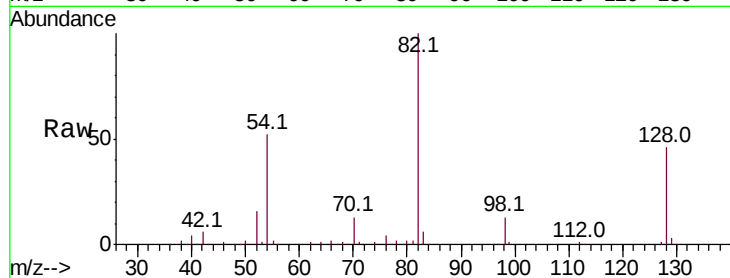




#23
 Nitrobenzene-d5
 Concen: 75.490 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110565.D
 Acq: 7 Nov 2018 19:41

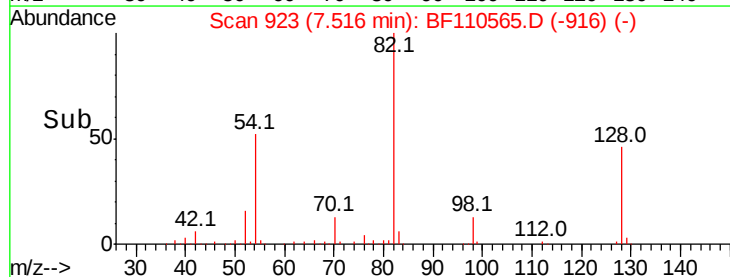
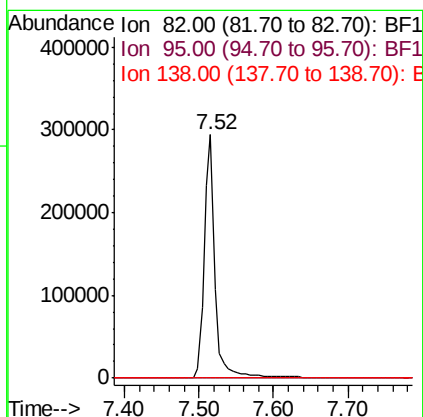
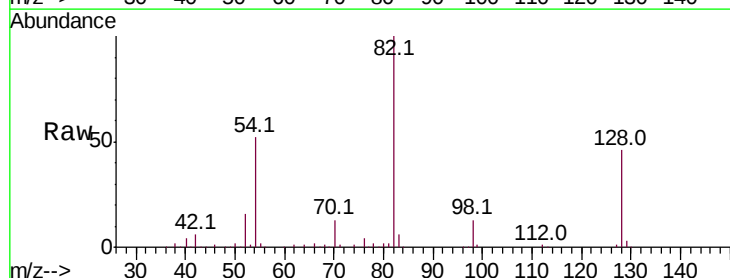
Instrument :
 BNA_F
 ClientSampled :

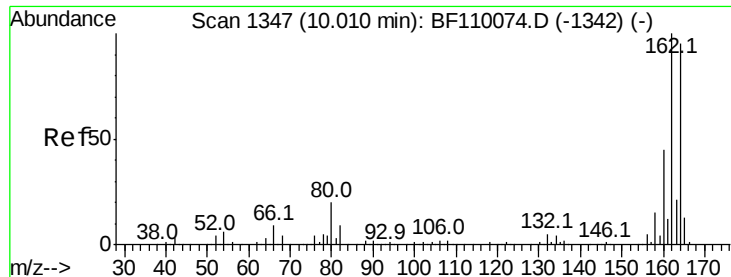
Tot Ion	82	Resp	301750
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.2	51.2
54	51.9	38.6	58.0



#25
 Isophorone
 Concen: 44.286 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110565.D
 Acq: 7 Nov 2018 19:41

Tgt Ion	82	Resp	301750
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

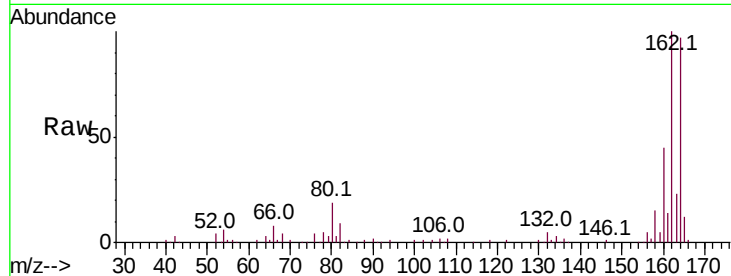




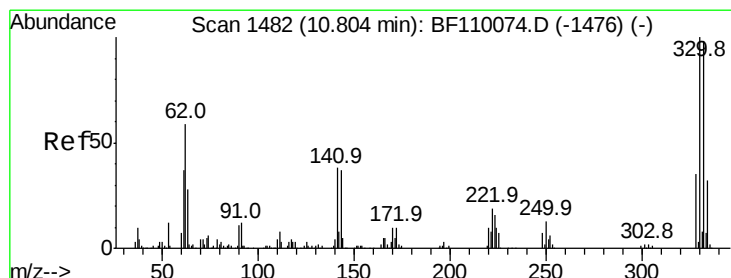
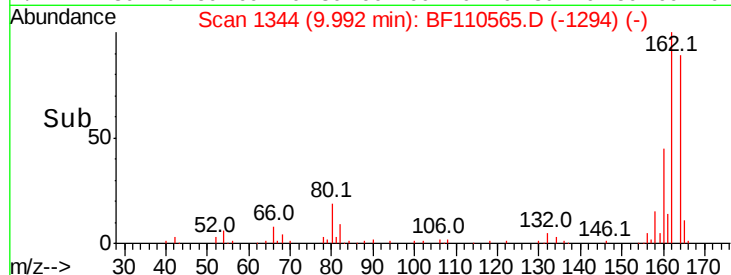
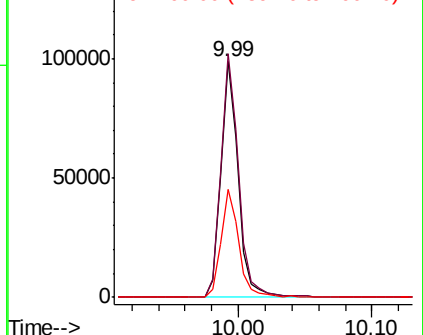
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 90962
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.6
160 46.0 37.0 55.6

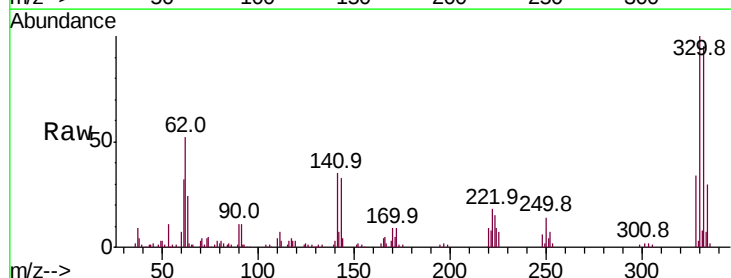


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

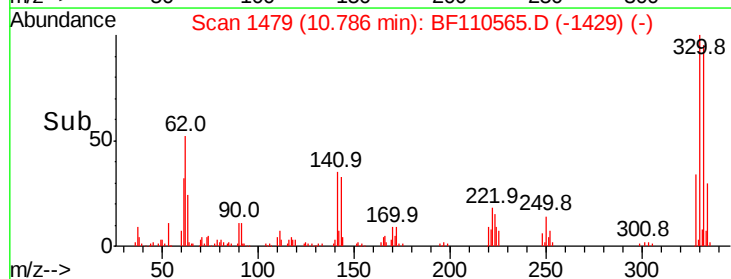
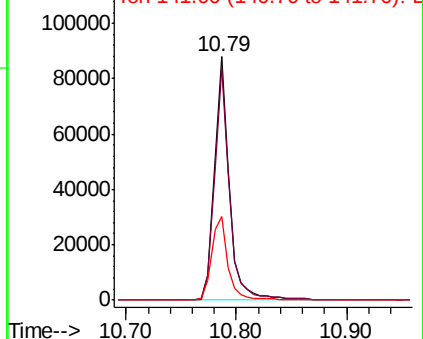


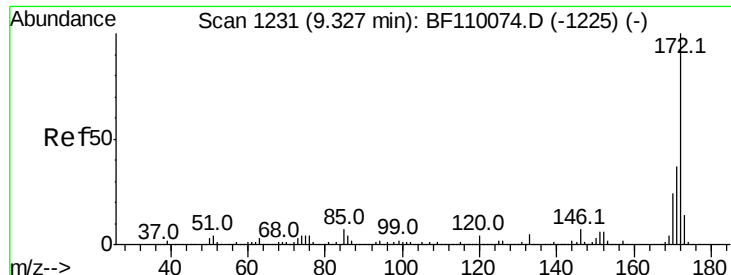
#42
2,4,6-Tribromophenol
Concen: 90.853 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Tgt Ion:330 Resp: 81862
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 36.8 27.0 40.4



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

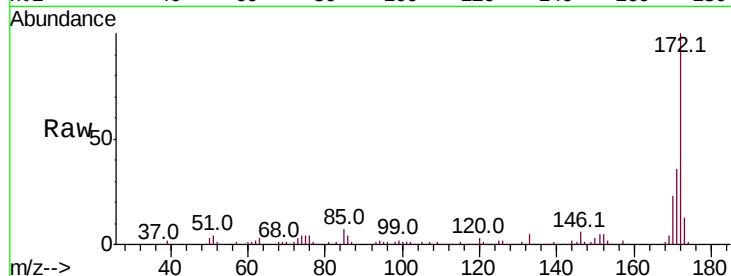




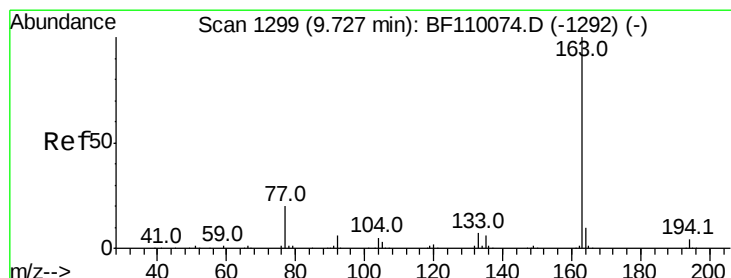
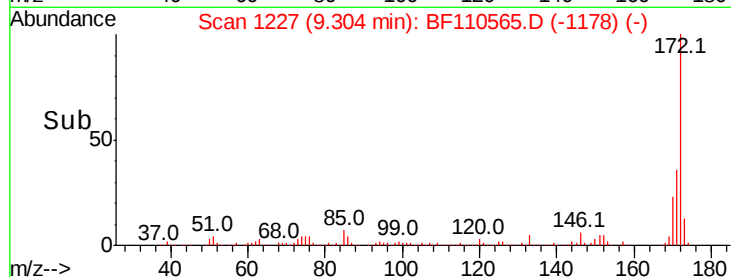
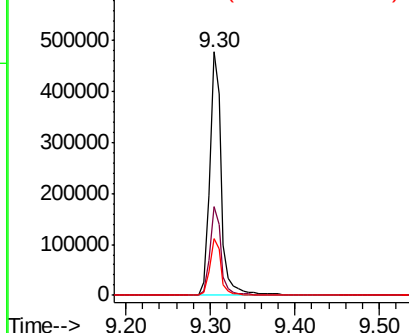
#45
2-Fluorobiphenyl
Concen: 79.795 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 462236
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.4 19.7 29.5

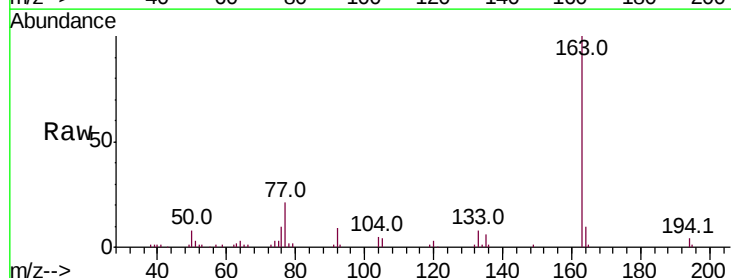


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

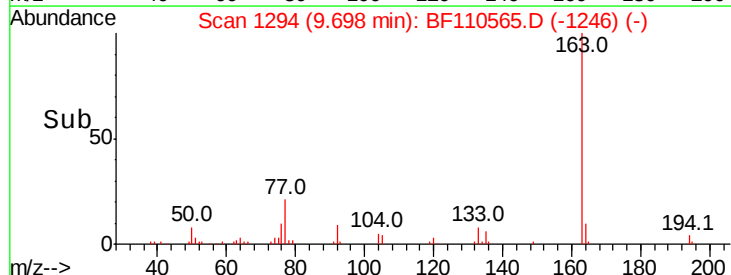
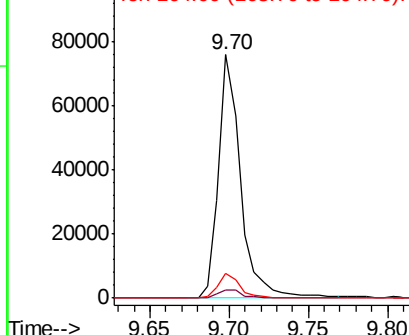


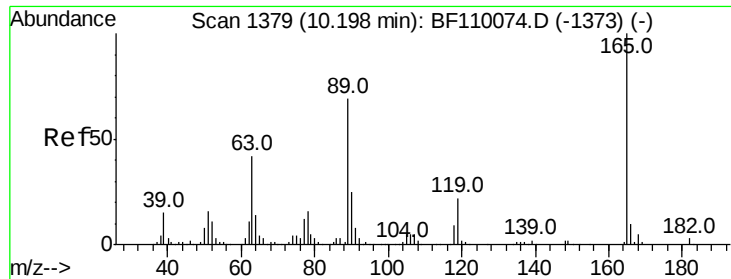
#50
Dimethylphthalate
Concen: 10.963 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Tgt Ion:163 Resp: 73612
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.1 8.1 12.1



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

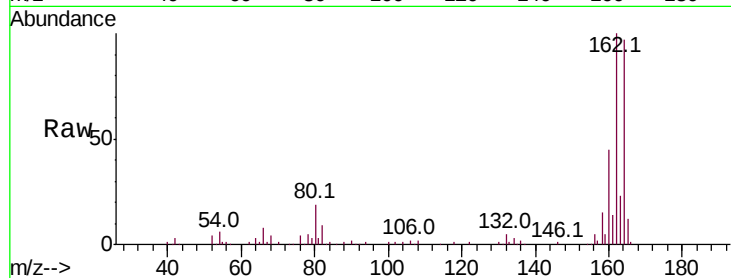




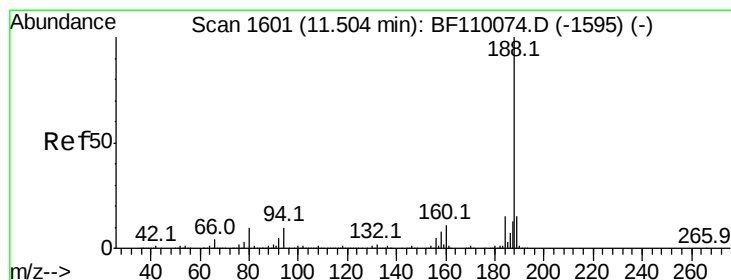
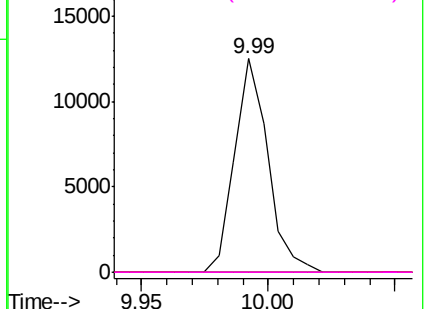
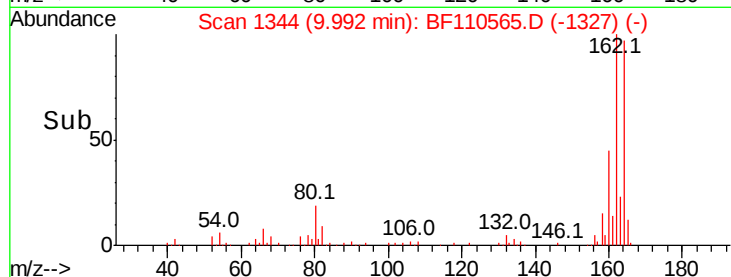
#57
 2,4-Dinitrotoluene
 Concen: 6.210 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110565.D
 Acq: 7 Nov 2018 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	11409
Ion	Ratio	Lower Upper
165	100	
63	0.0	44.8 67.2#
89	0.0	62.2 93.4#
182	0.0	2.1 3.1#

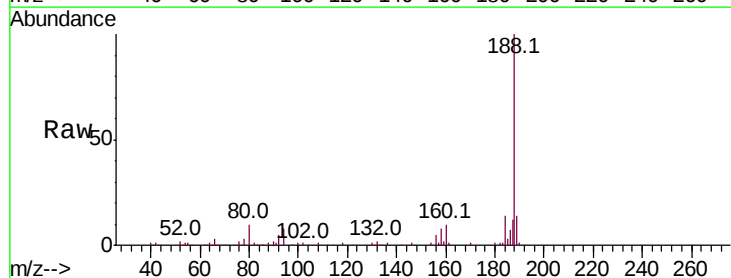


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

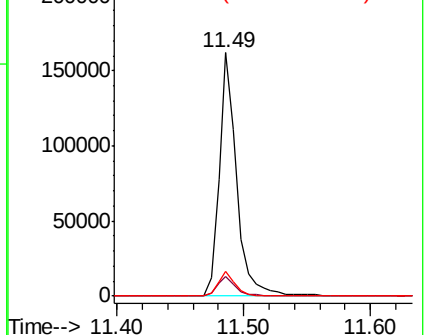
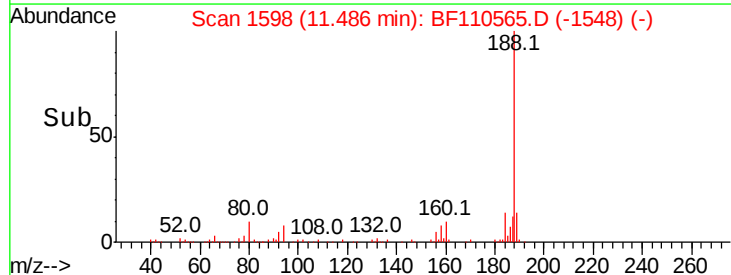


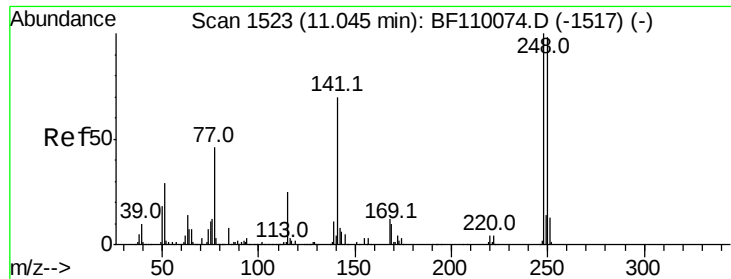
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110565.D
 Acq: 7 Nov 2018 19:41

Tgt Ion:188	Resp:	156203
Ion	Ratio	Lower Upper
188	100	
94	8.0	7.2 10.8
80	10.2	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

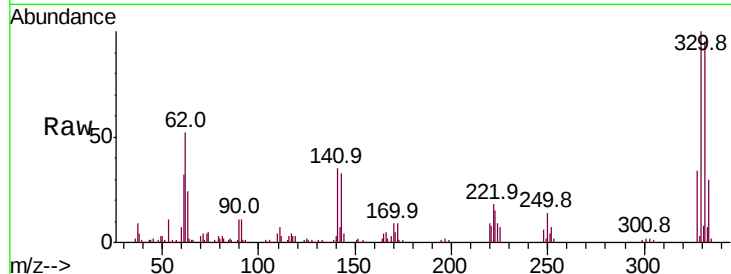




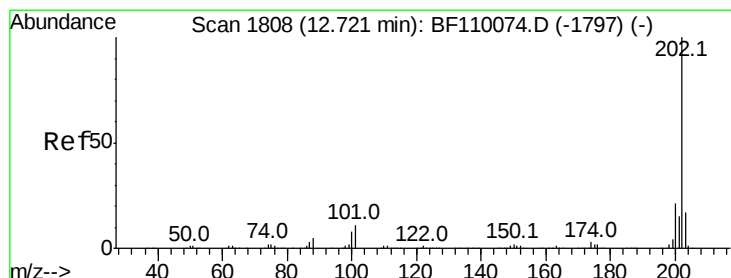
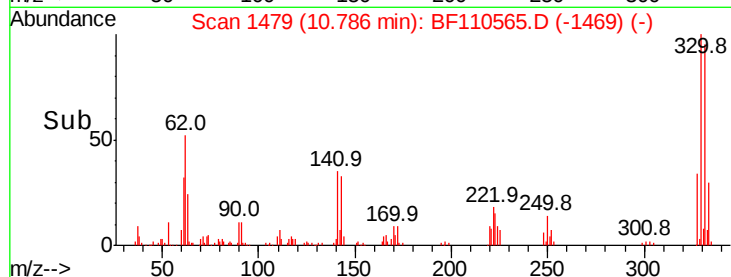
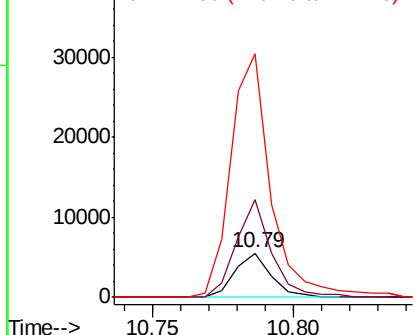
#67
 4-Bromophenyl-phenylether
 Concen: 2.917 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110565.D
 Acq: 7 Nov 2018 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 4942
 Ion Ratio Lower Upper
 248 100
 250 220.9 79.4 119.2#
 141 550.7 55.9 83.9#

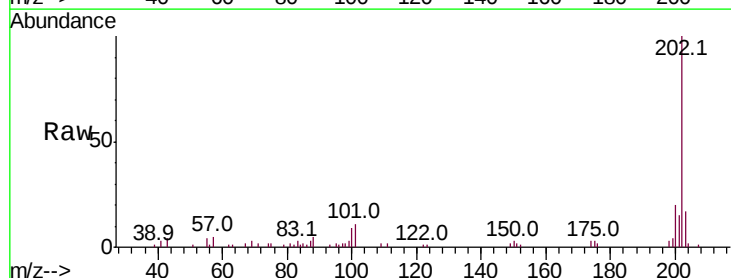


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

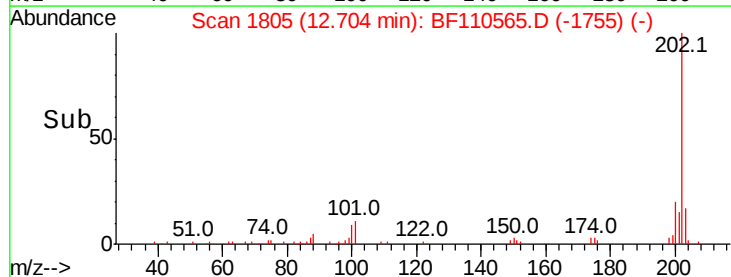
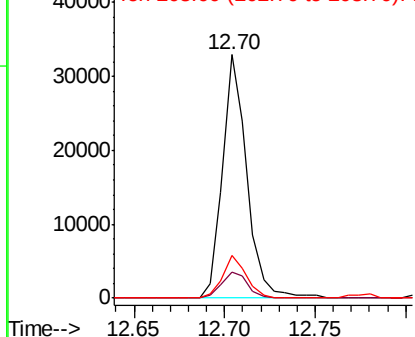


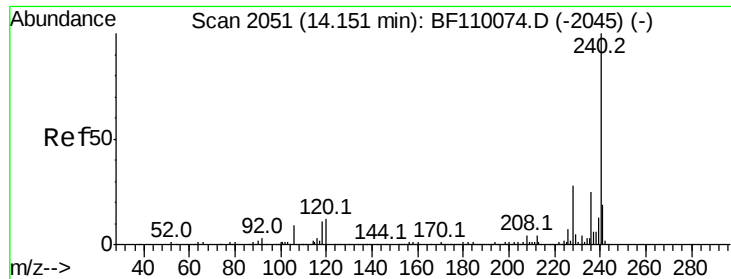
#75
 Fluoranthene
 Concen: 3.697 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110565.D
 Acq: 7 Nov 2018 19:41

Tgt Ion:202 Resp: 30663
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 31.4
 203 17.4 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110565.D

Acq: 7 Nov 2018 19:41

Instrument :

BNA_F

ClientSampleId :

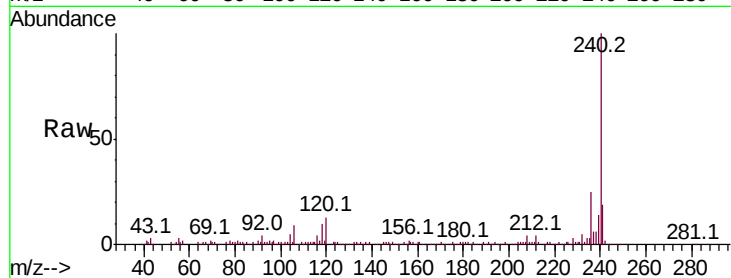
Tot Ion:240 Resp: 162247

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

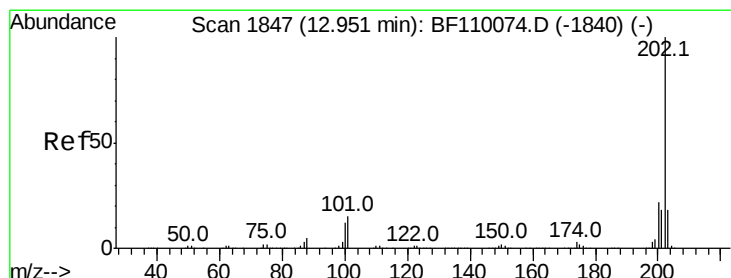
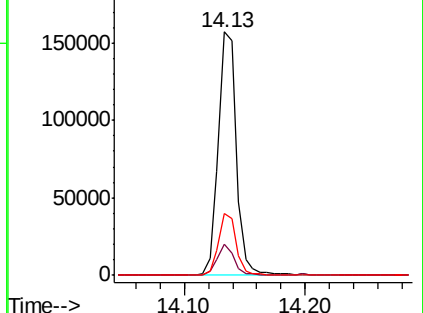
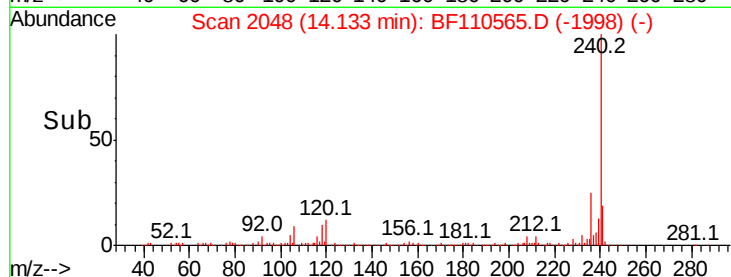
236 25.4 21.2 31.8



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

Pyrene

Concen: 2.205 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110565.D

Acq: 7 Nov 2018 19:41

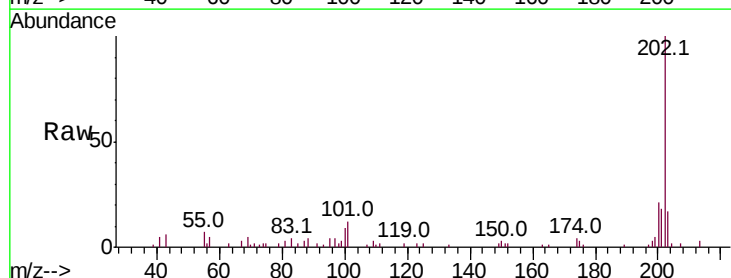
Tgt Ion:202 Resp: 25653

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

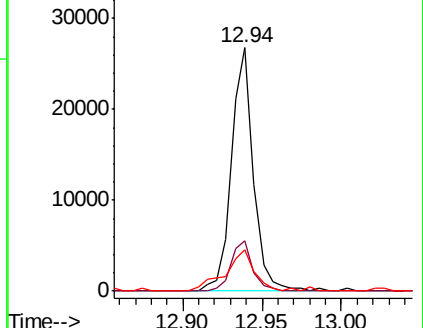
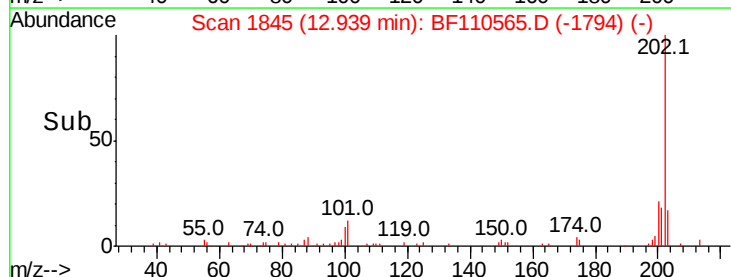
203 16.9 14.2 21.4

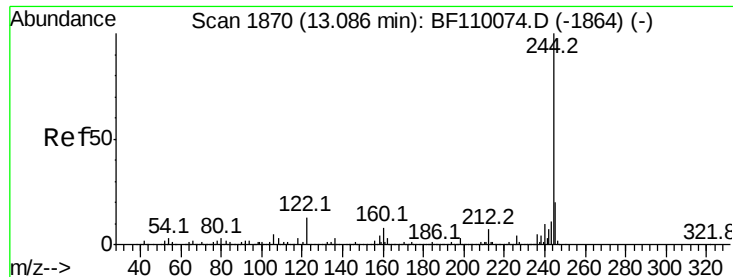


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.095 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110565.D

Acq: 7 Nov 2018 19:41

Instrument :

BNA_F

ClientSampleId :

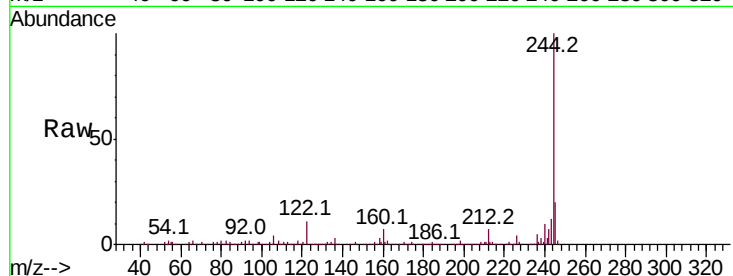
Tot Ion:244 Resp: 390815

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 11.1 8.7 13.1



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

13.07

400000

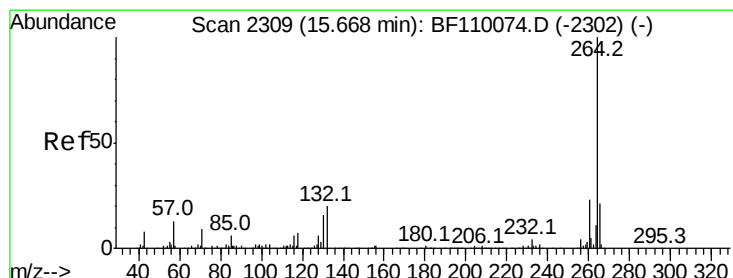
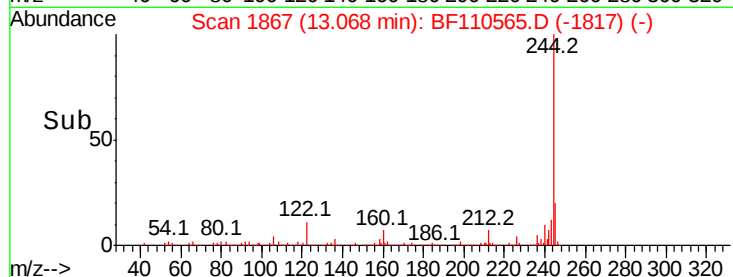
300000

200000

100000

0

Time--> 13.00 13.10 13.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110565.D

Acq: 7 Nov 2018 19:41

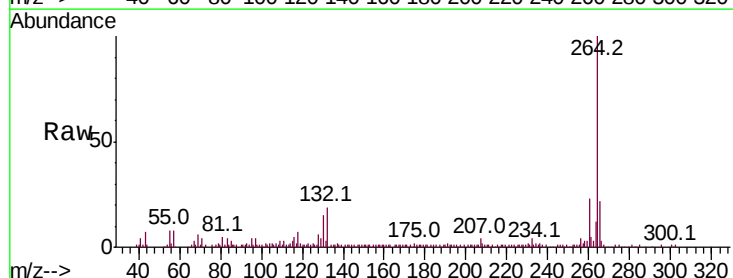
Tgt Ion:264 Resp: 111458

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.0 16.7 25.1



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

15.66

100000

80000

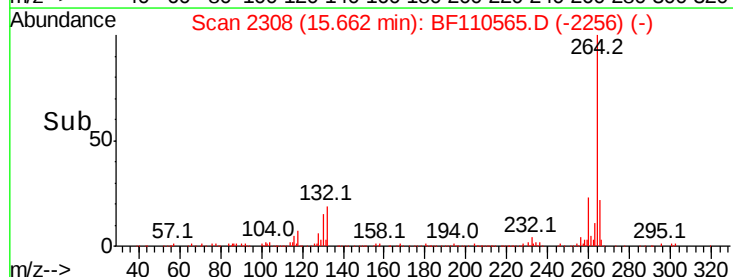
60000

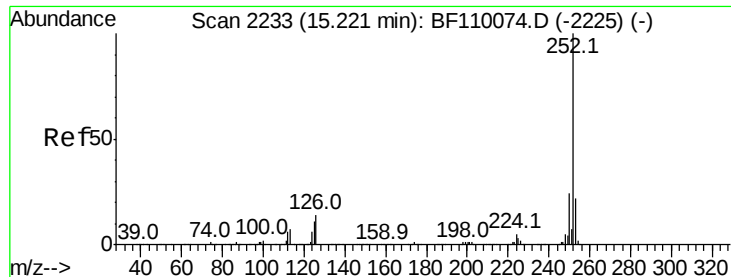
40000

20000

0

Time--> 15.60 15.70 15.80

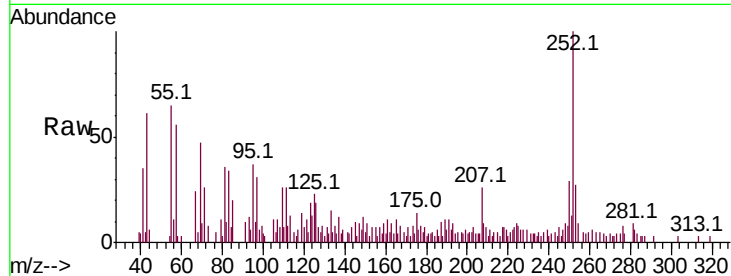




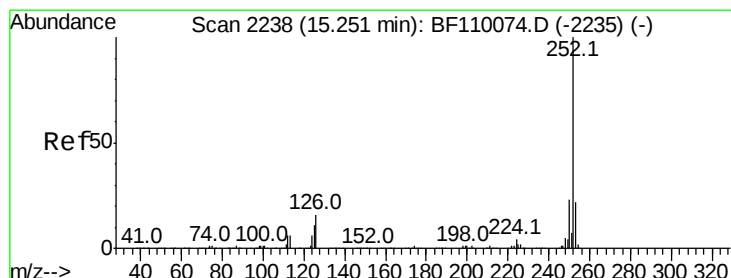
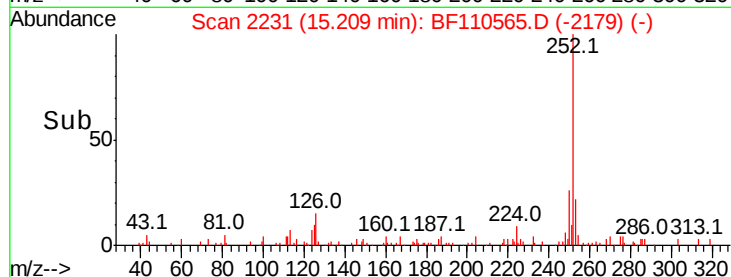
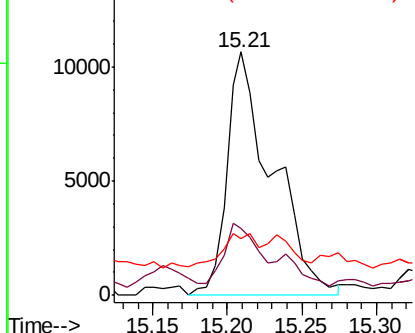
#88
Benzo(b)fluoranthene
Concen: 3.528 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 22705
Ion Ratio Lower Upper
252 100
253 27.4 17.2 25.8#
125 23.1 8.2 12.4#

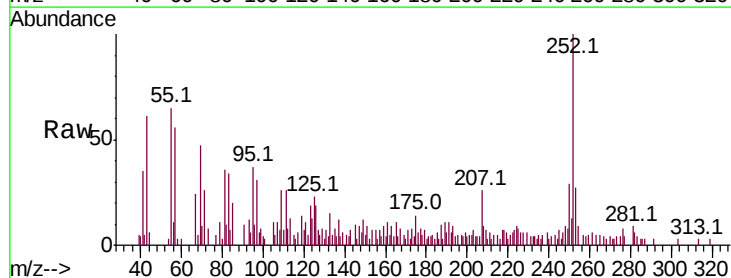


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 3.588 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110565.D
Acq: 7 Nov 2018 19:41

Tgt Ion:252 Resp: 22705
Ion Ratio Lower Upper
252 100
253 27.4 17.2 25.8#
125 23.1 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

