

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117314.D
 Acq On : 2 Oct 2019 21:50
 Operator : JU
 Sample : K5095-05 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5

Quant Time: Oct 03 03:27:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

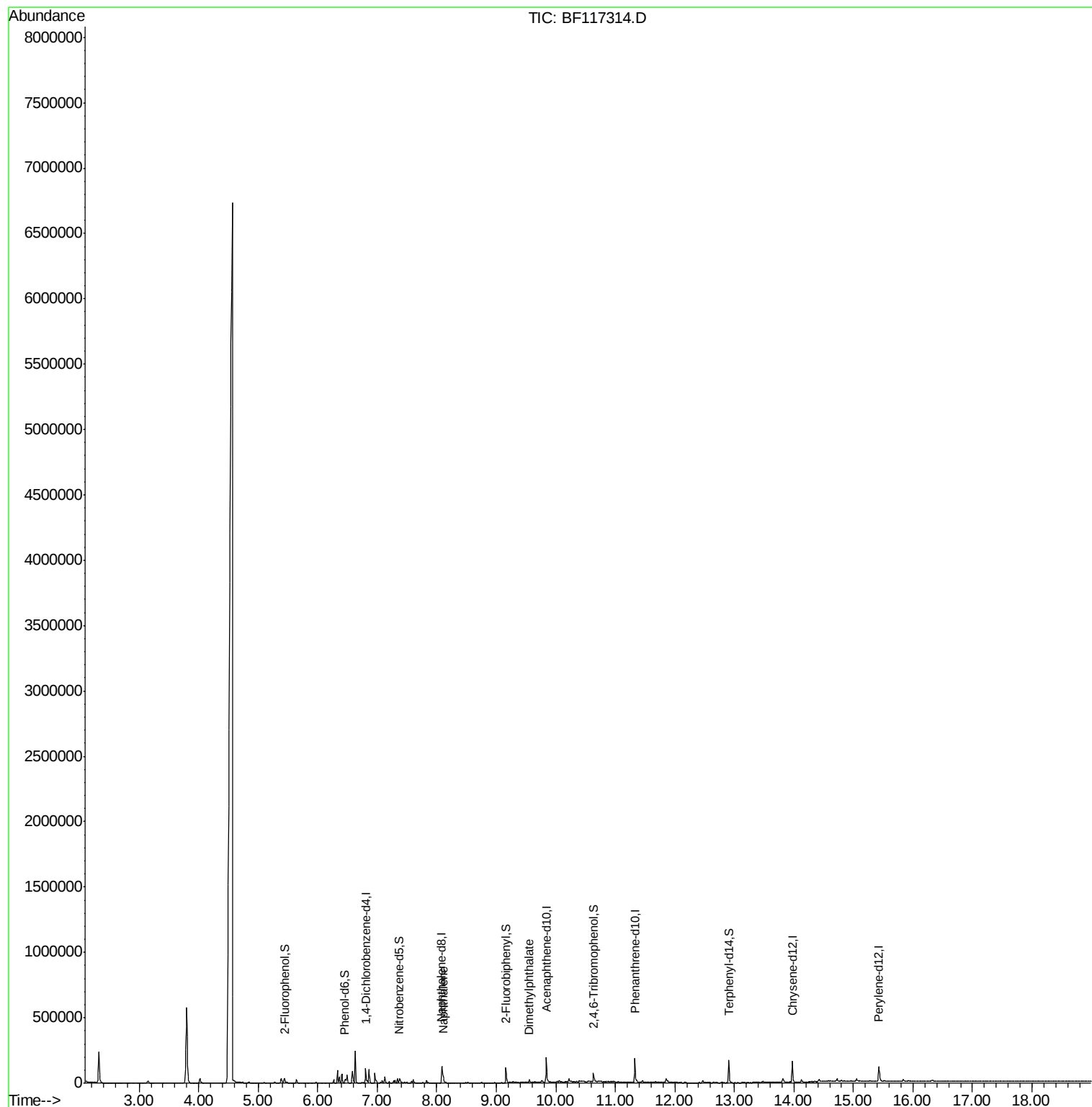
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	21827	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	91173	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	48133	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	79893	20.00	ng	0.00
76) Chrysene-d12	13.97	240	57265	20.00	ng	0.00
87) Perylene-d12	15.43	264	52276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	20969	15.00	ng	0.00
7) Phenol-d6	6.46	99	22212	12.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	24320	14.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	10290	25.58	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	51387	16.69	ng	-0.01
79) Terphenyl-d14	12.91	244	60372	19.71	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	10894	2.484	ng	Qvalue 100
50) Dimethylphthalate	9.56	163	9517	2.793	ng	# 95

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

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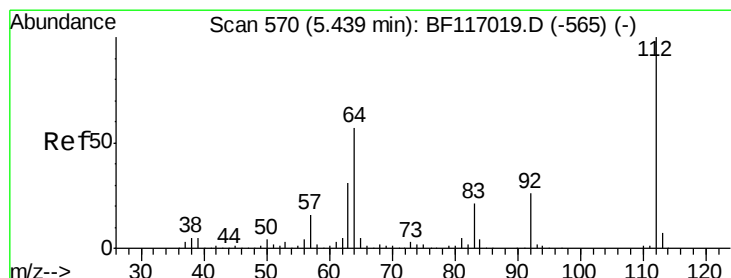
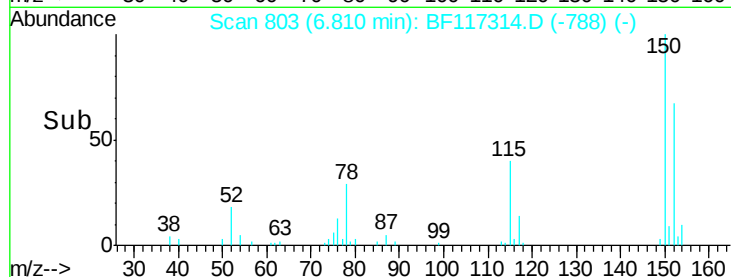
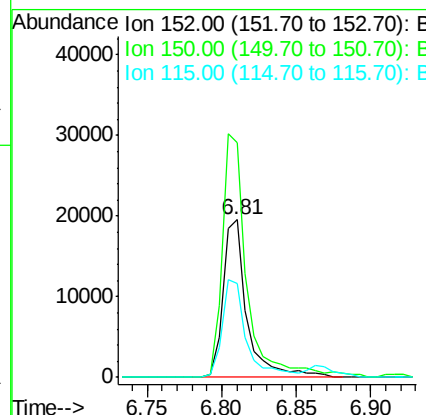
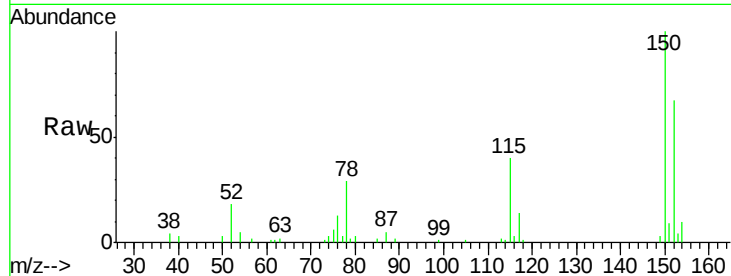


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5

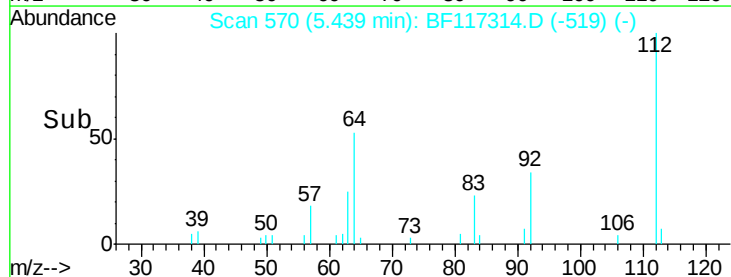
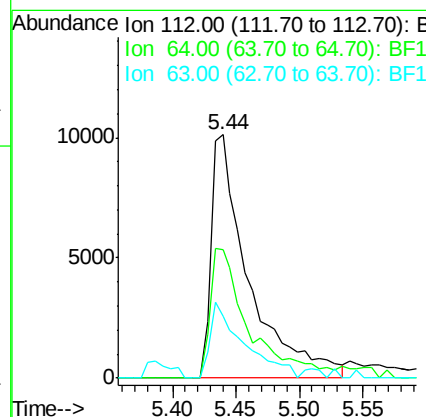
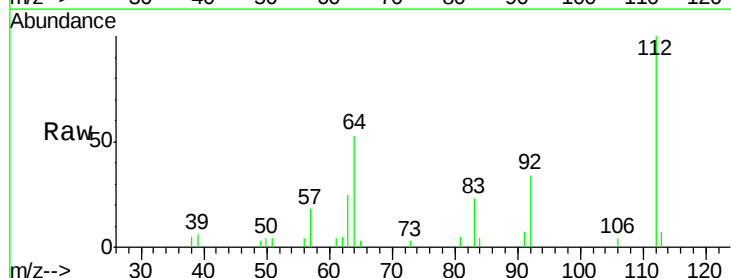
Tot Ion:152 Resp: 21827
Ion Ratio Lower Upper
152 100
150 149.2 127.5 191.3
115 59.7 55.0 82.4

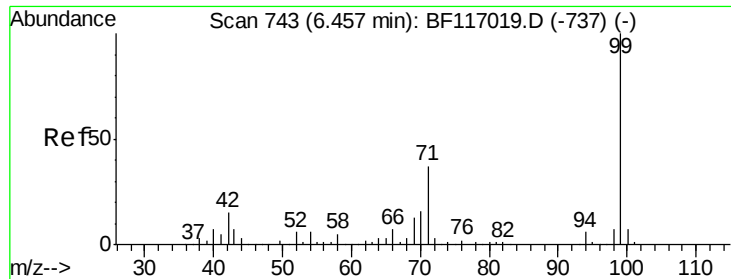


#5

2-Fluorophenol
Concen: 14.999 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:112 Resp: 20969
Ion Ratio Lower Upper
112 100
64 52.9 45.7 68.5
63 25.3 24.9 37.3





#7

Phenol-d6

Concen: 12.294 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF117314.D

Acq: 2 Oct 2019 21:50

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-5

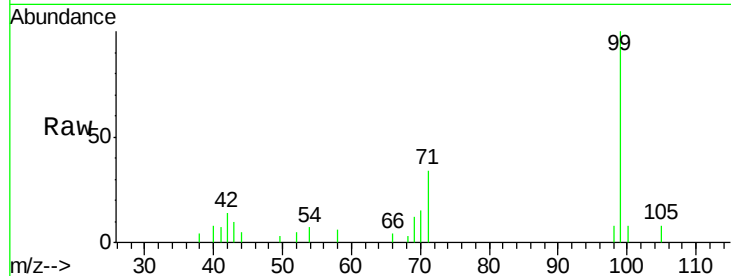
Tot Ion: 99 Resp: 22212

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.2

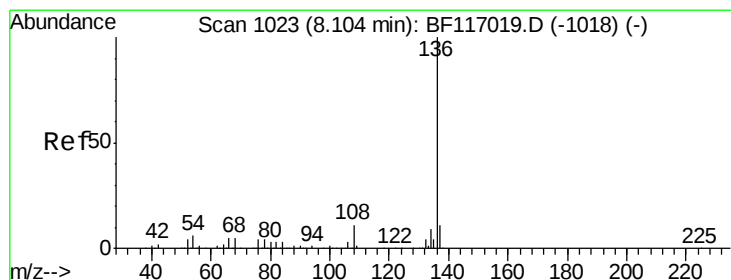
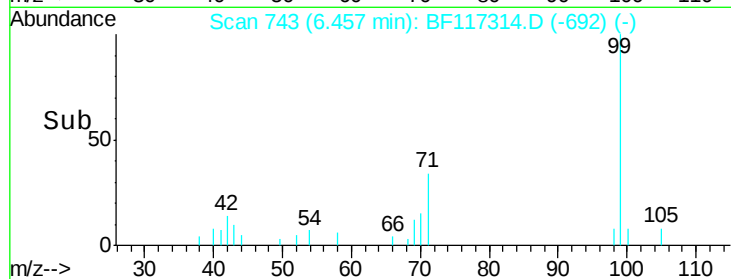
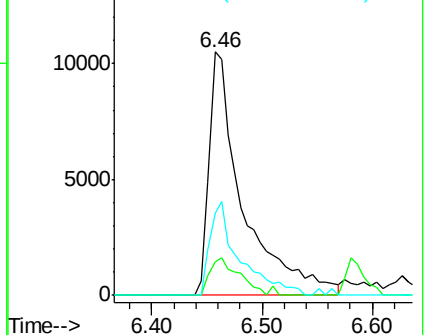
71 34.0 29.8 44.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117314.D

Acq: 2 Oct 2019 21:50

Tgt Ion: 136 Resp: 91173

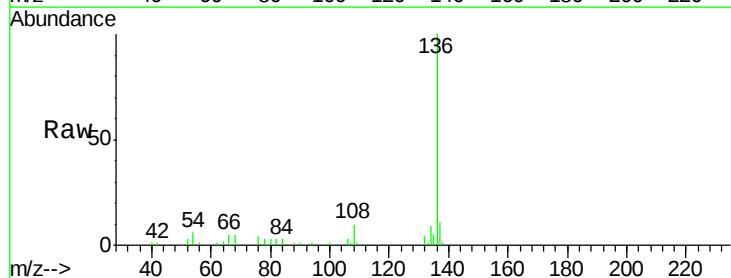
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 5.6 4.5 6.7

68 4.8 4.0 6.0

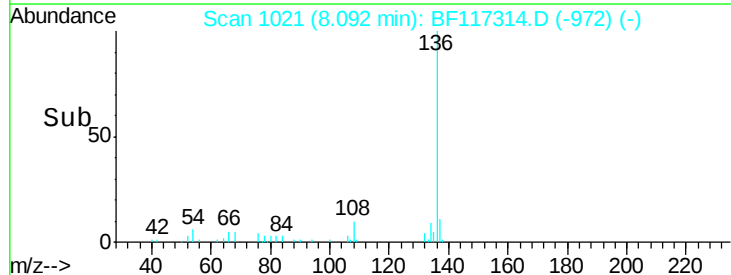
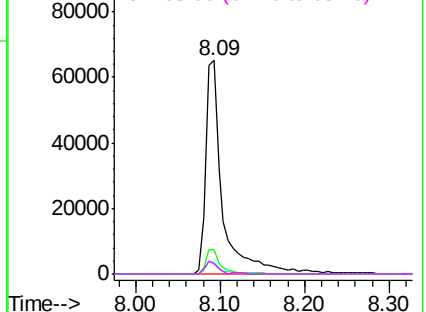


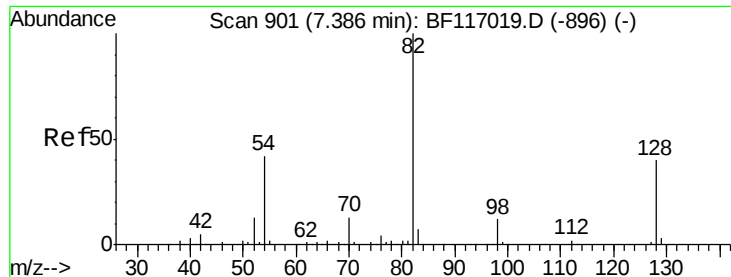
Abundance Ion 136.00 (135.70 to 136.70): E

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

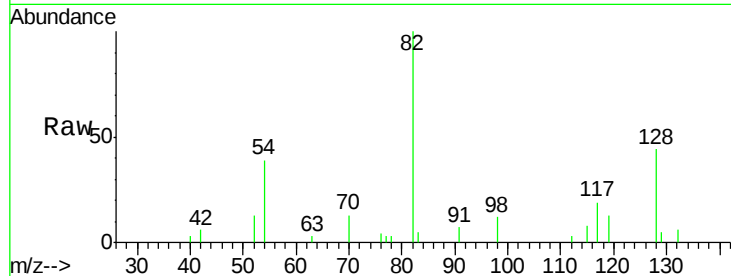




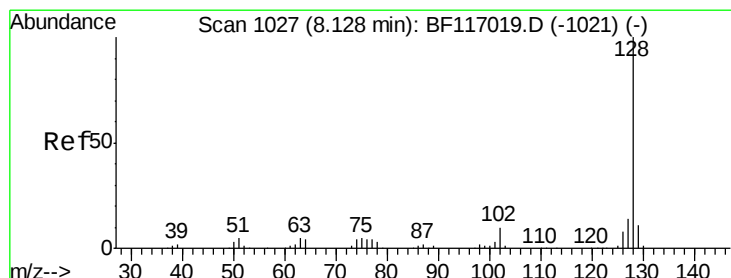
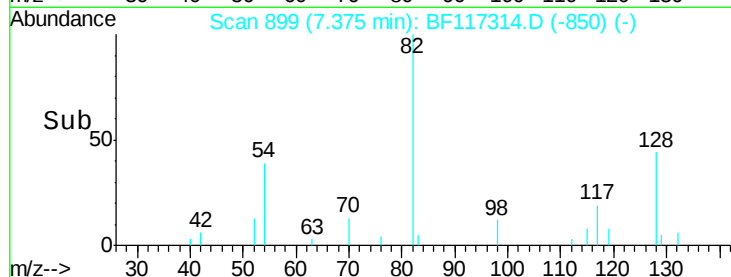
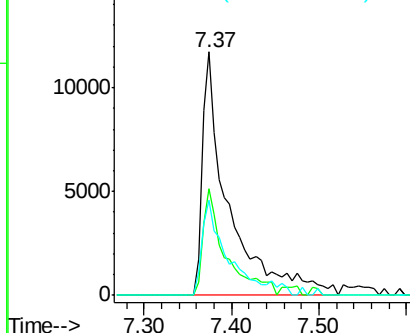
#23
 Nitrobenzene-d5
 Concen: 14.015 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117314.D
 Acq: 2 Oct 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5

Tot Ion: 82 Resp: 24320
 Ion Ratio Lower Upper
 82 100
 128 43.7 32.3 48.5
 54 38.9 33.3 49.9

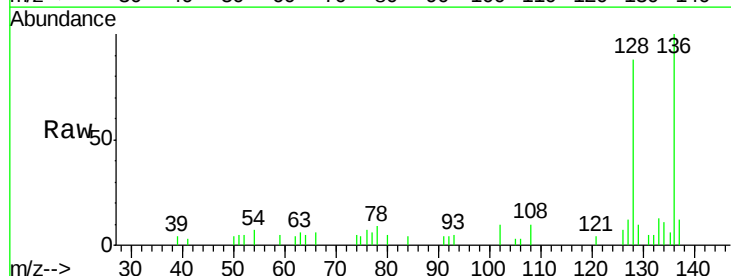


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

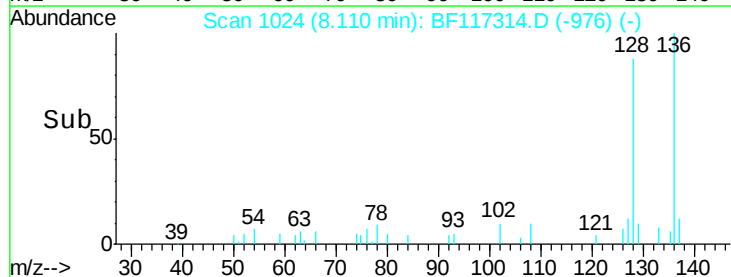
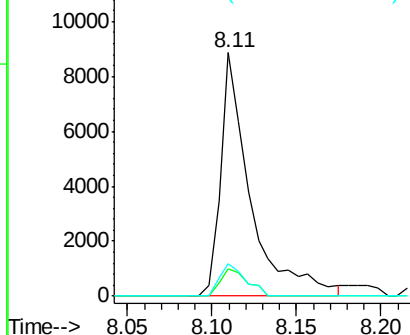


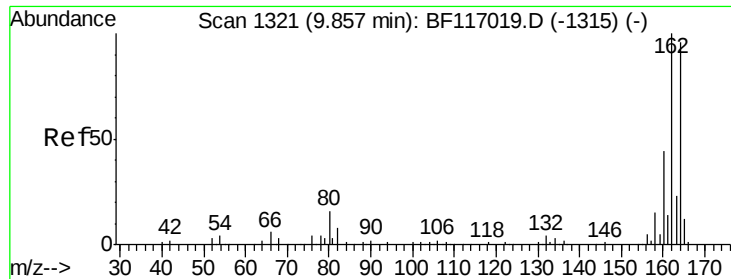
#31
 Naphthalene
 Concen: 2.484 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF117314.D
 Acq: 2 Oct 2019 21:50

Tgt Ion: 128 Resp: 10894
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.4
 127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF117314.D

Acq: 2 Oct 2019 21:50

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-5

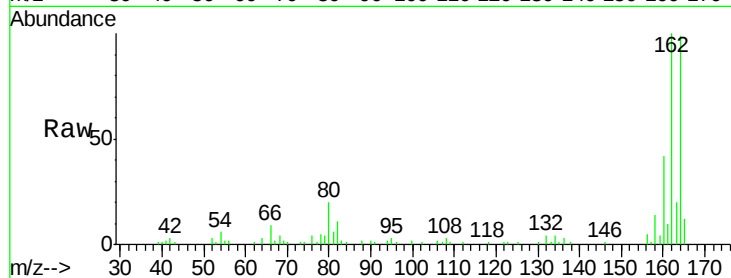
Tot Ion:164 Resp: 48133

Ion Ratio Lower Upper

164 100

162 100.5 83.4 125.2

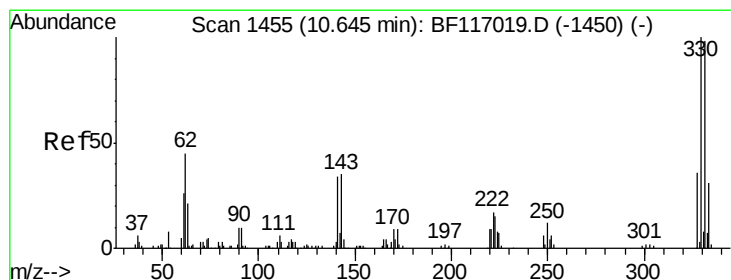
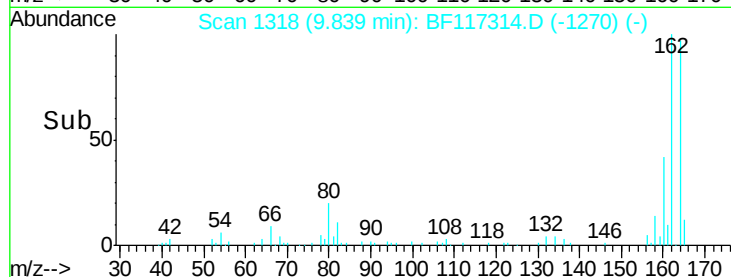
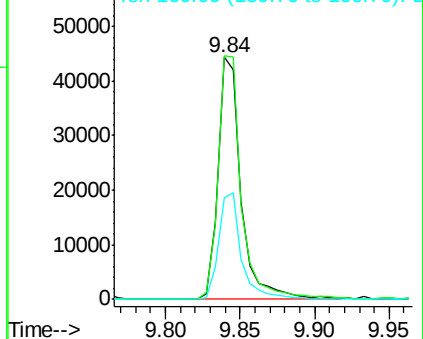
160 42.1 36.4 54.6



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: 25.579 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117314.D

Acq: 2 Oct 2019 21:50

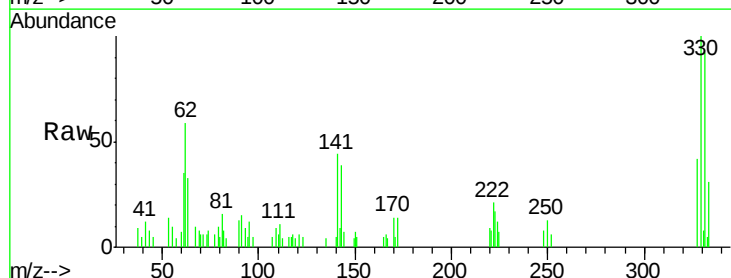
Tgt Ion:330 Resp: 10290

Ion Ratio Lower Upper

330 100

332 93.2 78.0 117.0

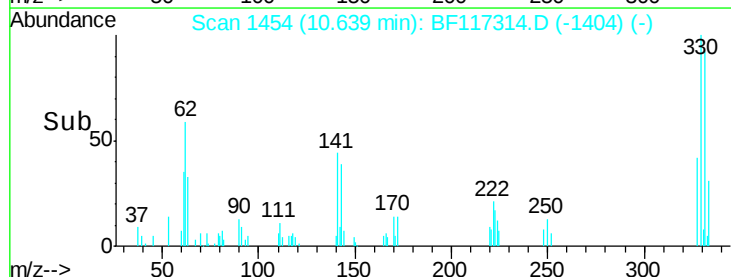
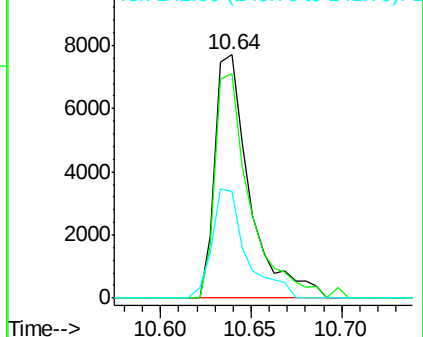
141 43.9 35.8 53.6

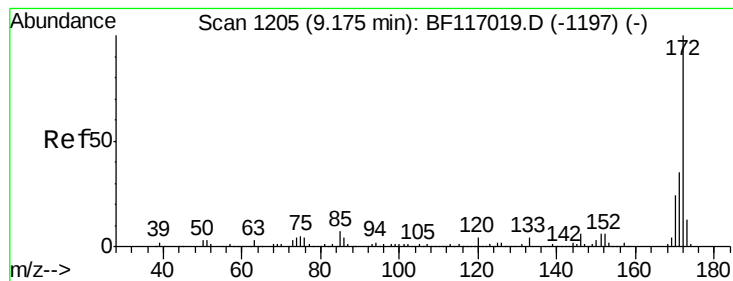


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 16.693 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117314.D

Acq: 2 Oct 2019 21:50

Instrument :

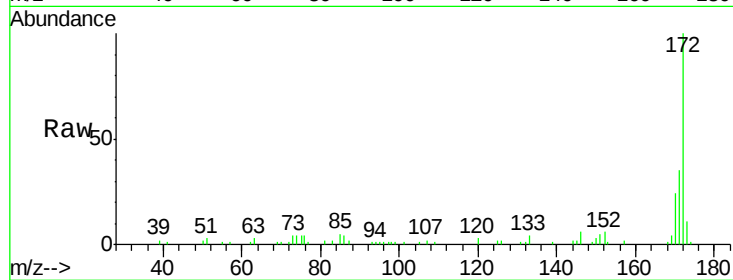
BNA_F

ClientSampleId :

COMPOSITE-5

Tot Ion:172 Resp: 51387

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.9	18.9	28.3

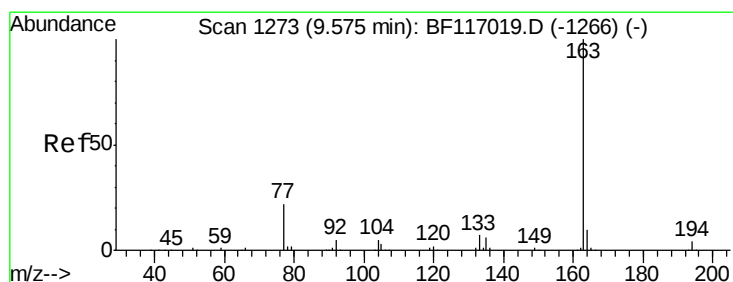
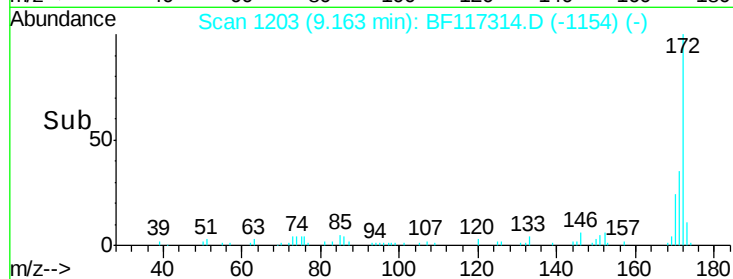
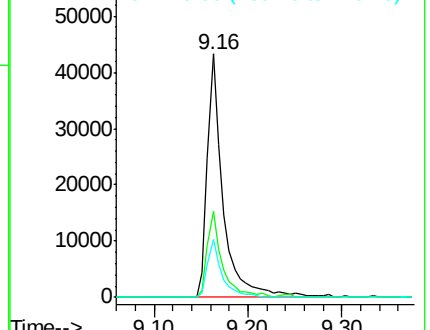


Abundance

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: 2.793 ng

RT: 9.56 min Scan# 1270

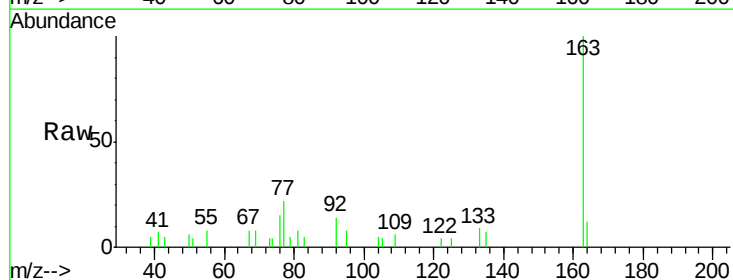
Delta R.T. -0.02 min

Lab File: BF117314.D

Acq: 2 Oct 2019 21:50

Tgt Ion:163 Resp: 9517

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.9	4.3#
164	11.6	8.2	12.4

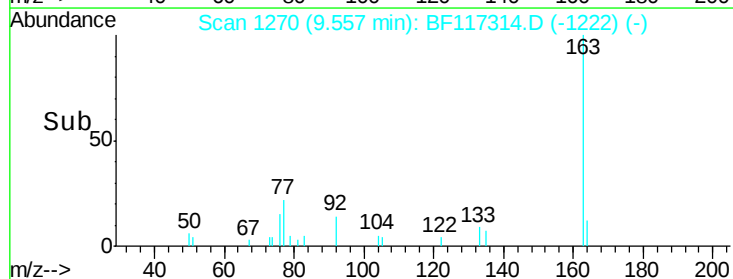
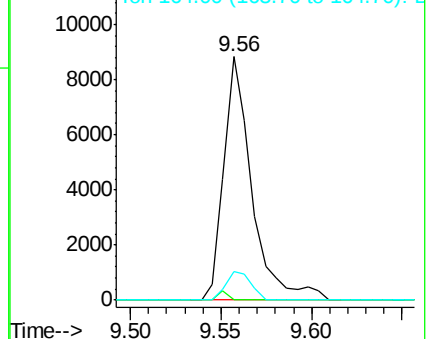


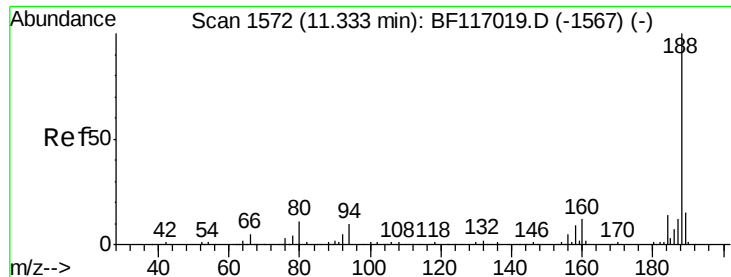
Abundance

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

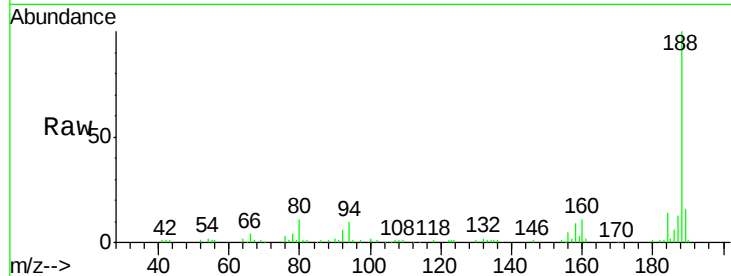




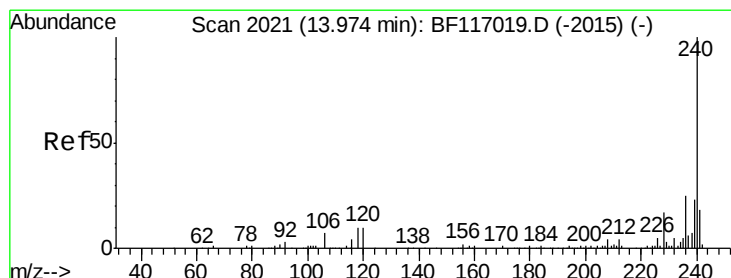
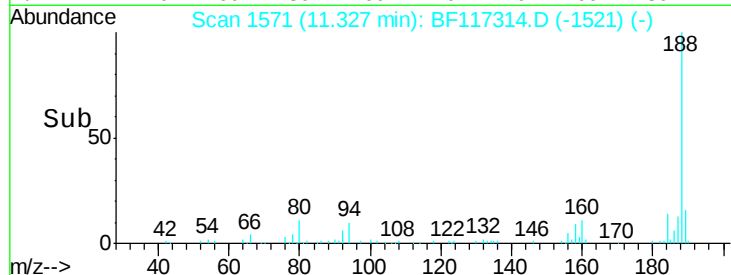
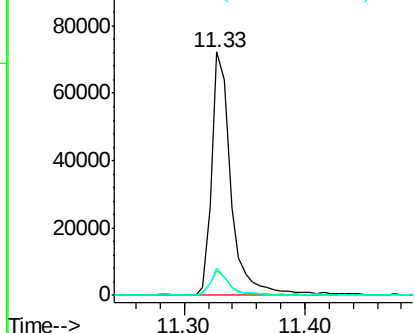
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5

Tot Ion:188 Resp: 79893
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 11.3 9.0 13.6

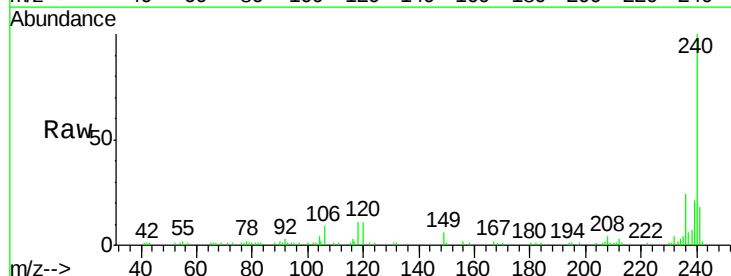


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

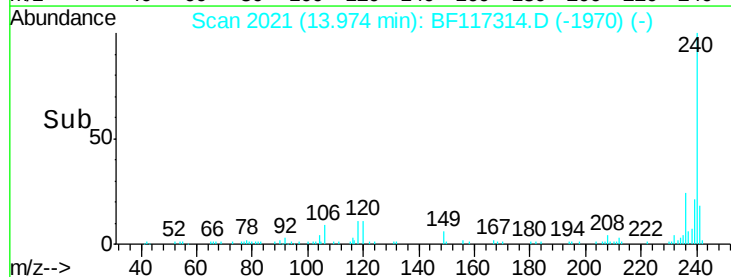
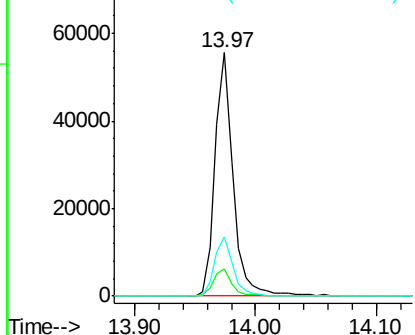


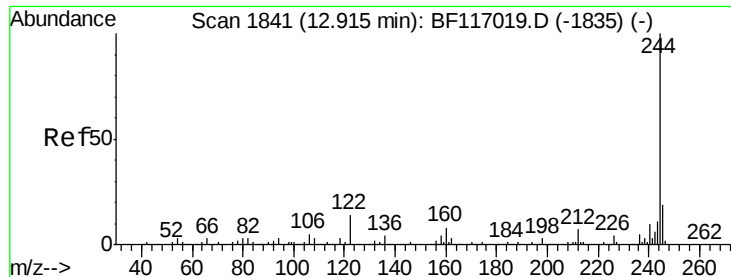
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:240 Resp: 57265
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 24.5 20.3 30.5



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

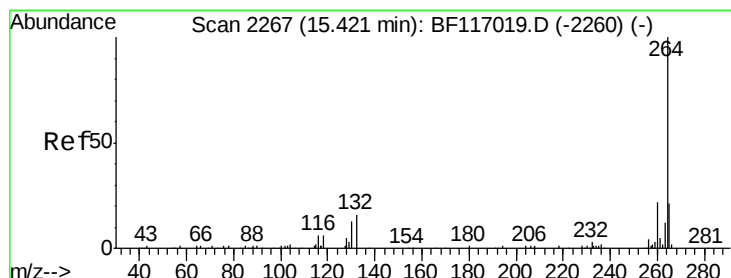
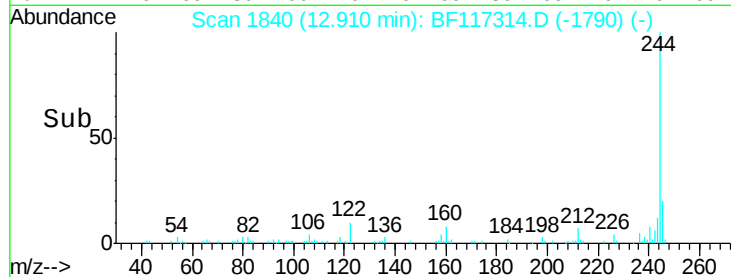
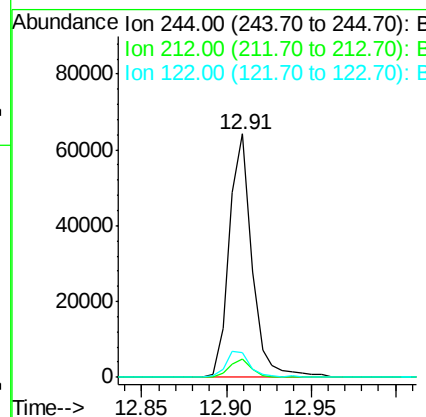
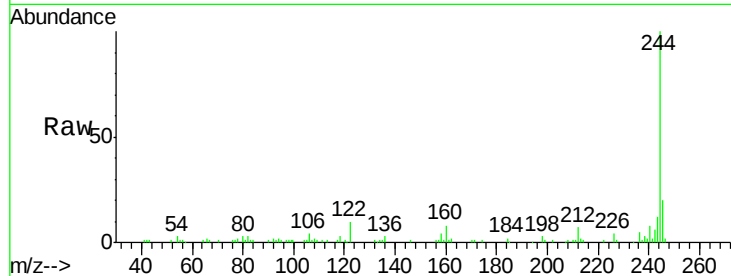




#79
 Terphenyl-d14
 Concen: 19.706 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117314.D
 Acq: 2 Oct 2019 21:50

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5

Tot Ion:244 Resp: 60372
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.3 11.3 16.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF117314.D
 Acq: 2 Oct 2019 21:50

Tgt Ion:264 Resp: 52276
 Ion Ratio Lower Upper
 264 100
 260 20.2 17.6 26.4
 265 23.0 16.6 24.8

