

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101566.D
 Acq On : 20 Dec 2017 14:35
 Operator : SJ/JU
 Sample : I6983-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Quant Time: Dec 20 15:55:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	163812	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	656199	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	283213	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	495643	20.00	ng	0.00
75) Chrysene-d12	13.98	240	282523	20.00	ng	0.00
86) Perylene-d12	15.44	264	308665	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	650811	59.18	ng	0.00
7) Phenol-d6	6.43	99	517306	37.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	1006845	85.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	335832	123.06	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1599146	87.59	ng	0.00
78) Terphenyl-d14	12.91	244	1205090	102.83	ng	0.00

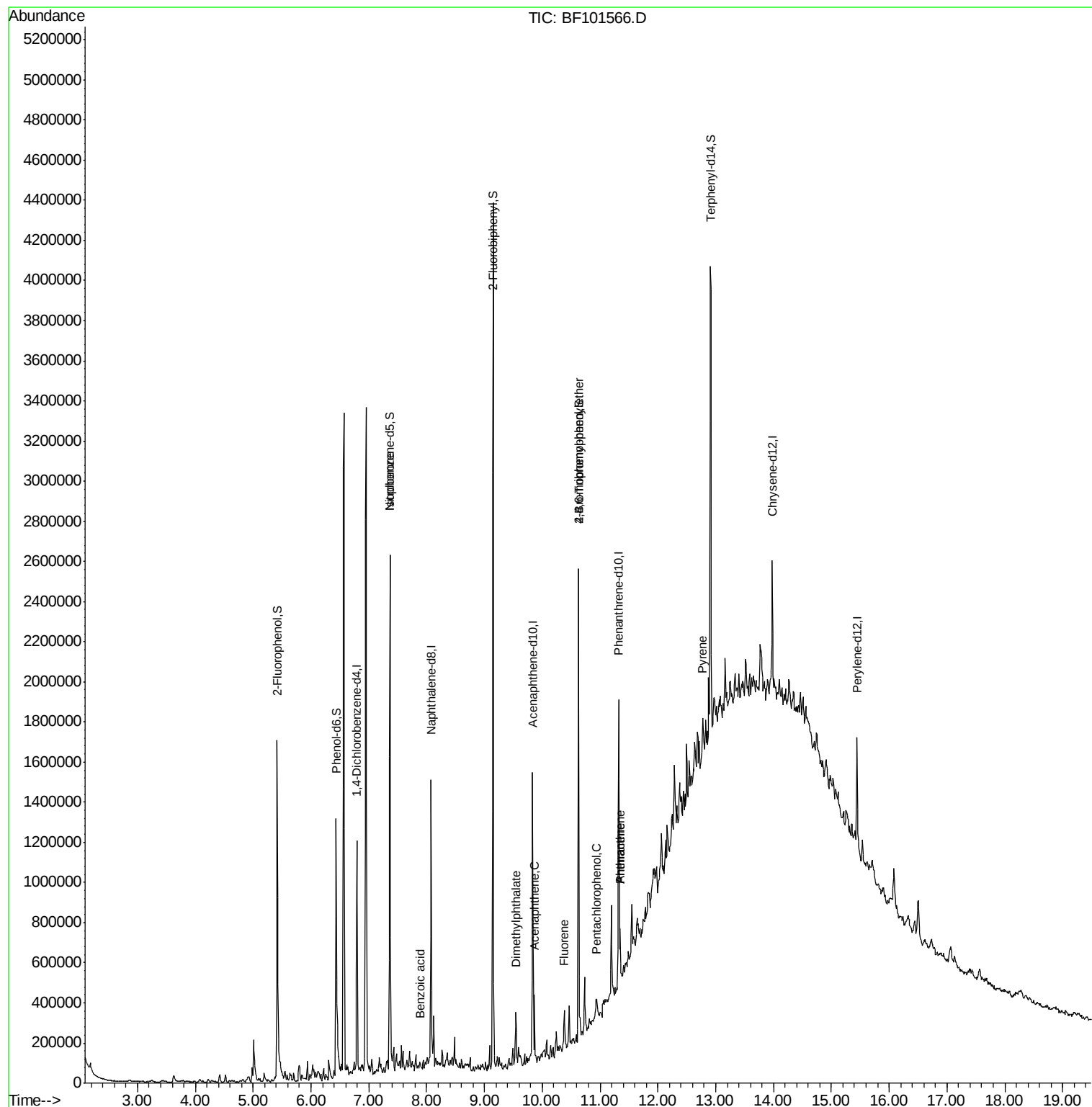
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.37	82	1005215	42.508	ng	# 64
32) Benzoic acid	7.89	122	905	8.079	ng	# 1
49) Dimethylphthalate	9.55	163	77556	3.404	ng	# 99
51) Acenaphthene	9.86	154	65216	3.576	ng	98
57) Fluorene	10.38	166	45601	2.326	ng	98
66) 4-Bromophenyl-phenylether	10.63	248	20253	3.637	ng	# 1
69) Pentachlorophenol	10.94	266	112	6.602	ng	# 19
70) Phenanthrene	11.35	178	101391	3.678	ng	99
71) Anthracene	11.35	178	101391	3.601	ng	98
77) Pyrene	12.77	202	64205	3.028	ng	# 93

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF122017\
Data File : BF101566.D
Acq On : 20 Dec 2017 14:35
Operator : SJ/JU
Sample : I6983-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Quant Time: Dec 20 15:55:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration



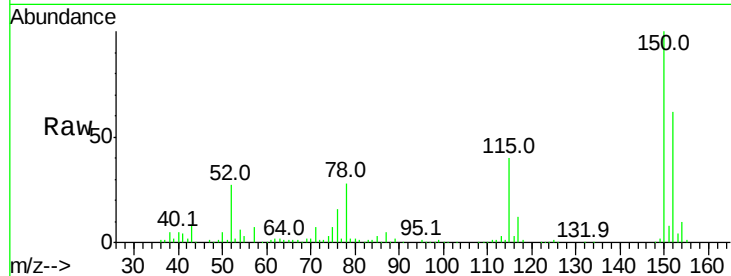


#1

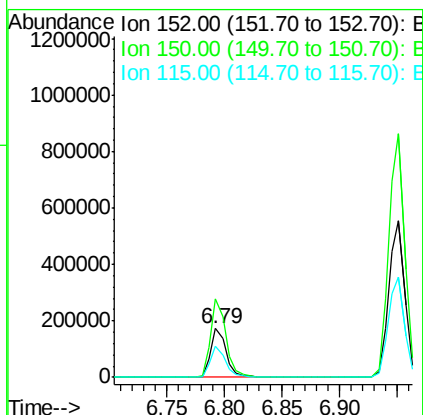
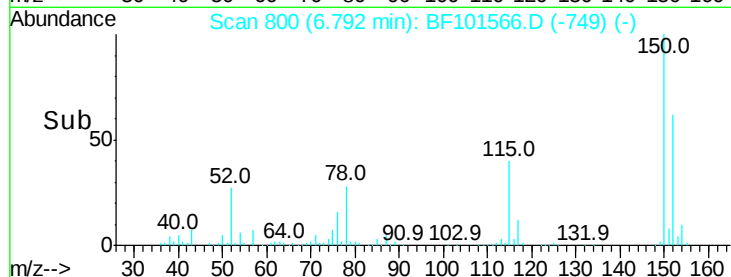
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tot Ion:152 Resp: 163812
Ion Ratio Lower Upper
152 100
150 162.0 124.6 186.8
115 64.7 50.1 75.1



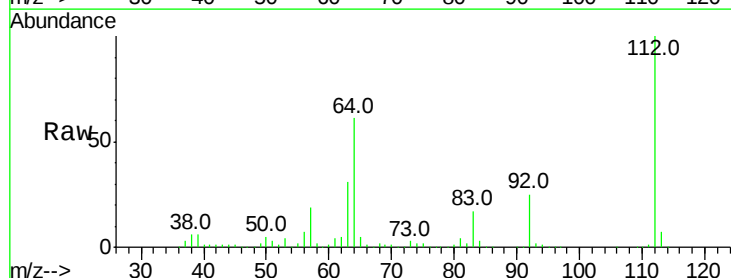
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



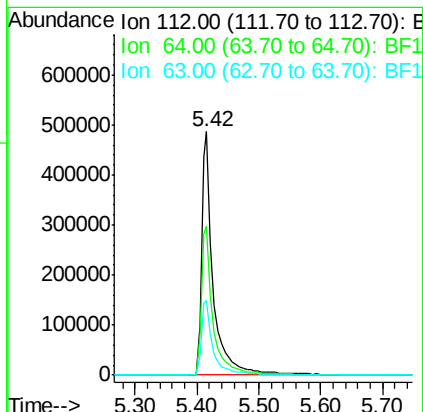
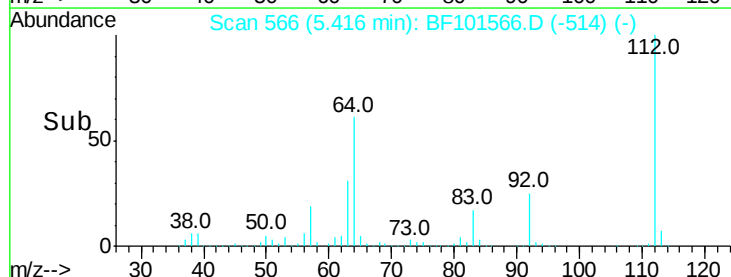
#5

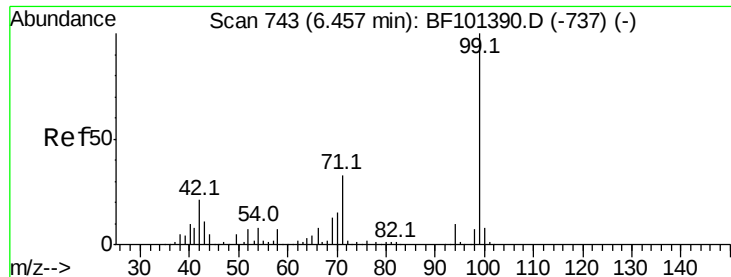
2-Fluorophenol
Concen: 59.180 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Tgt Ion:112 Resp: 650811
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 30.9 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: 37.797 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

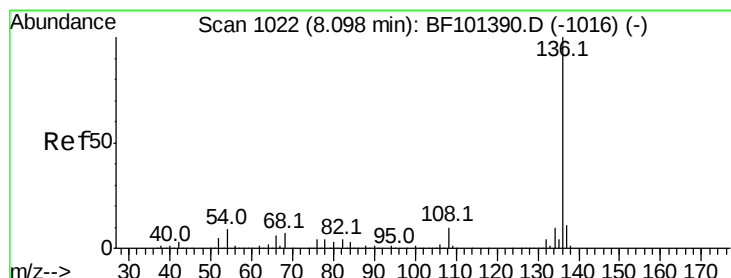
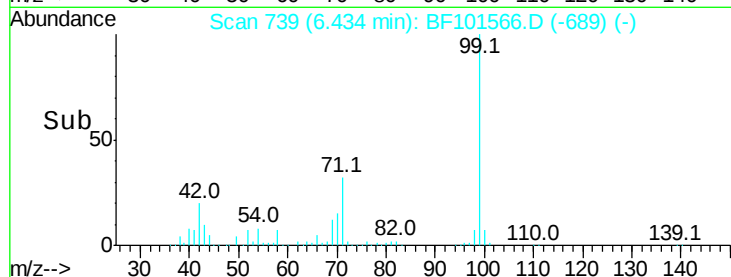
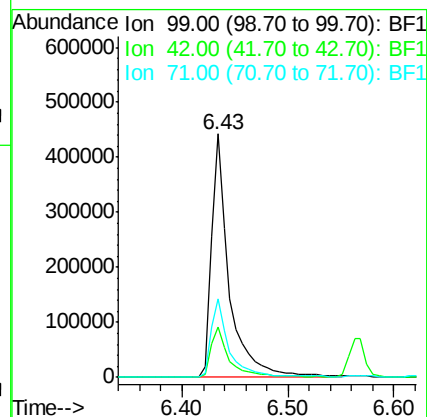
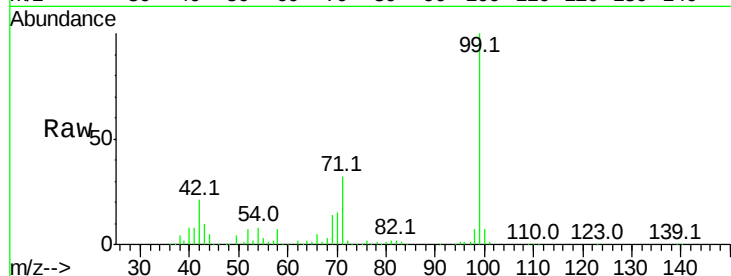
Tot Ion: 99 Resp: 517306

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 32.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Tgt Ion: 136 Resp: 656199

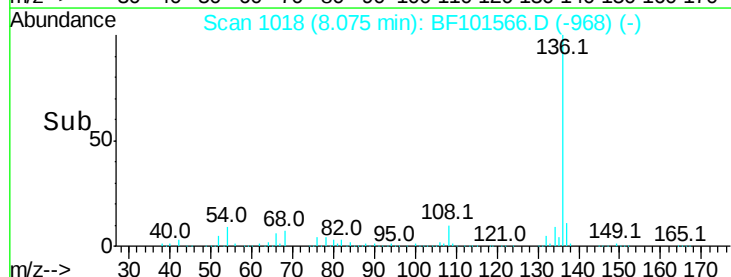
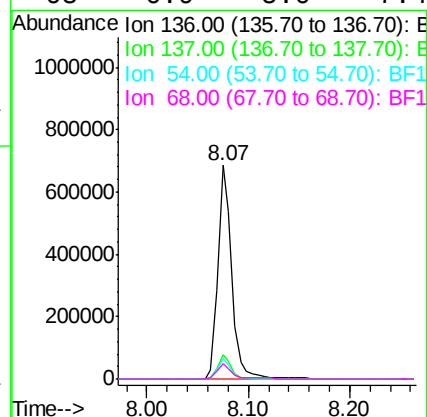
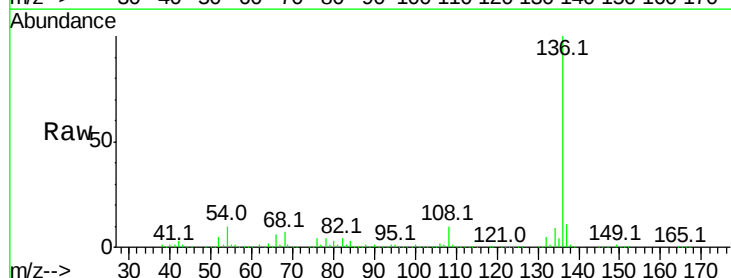
Ion Ratio Lower Upper

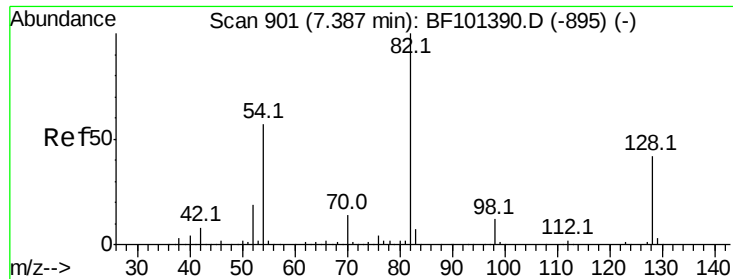
136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 6.9 5.0 7.4

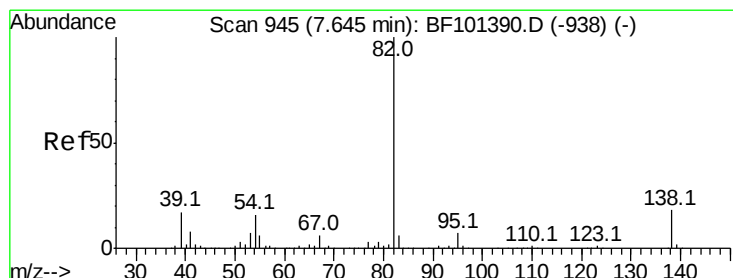
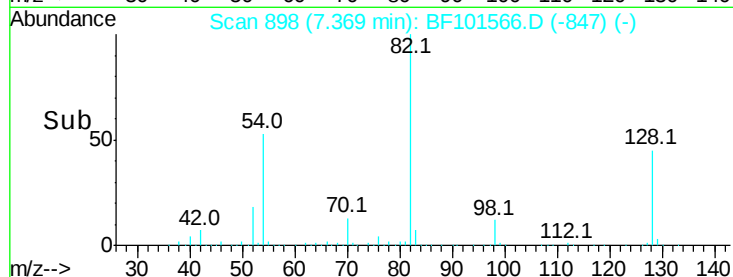
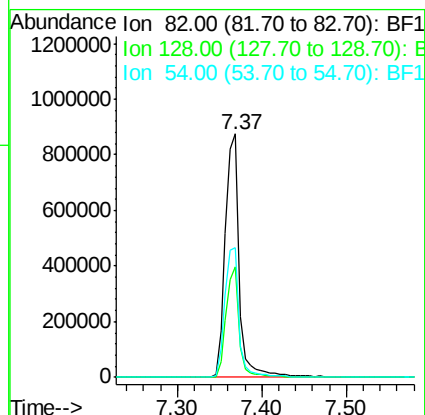
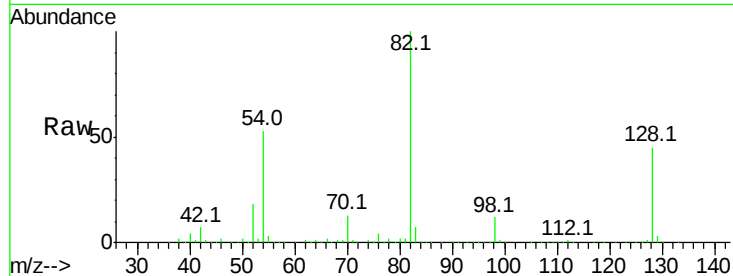




#23
Nitrobenzene-d5
Concen: 85.411 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

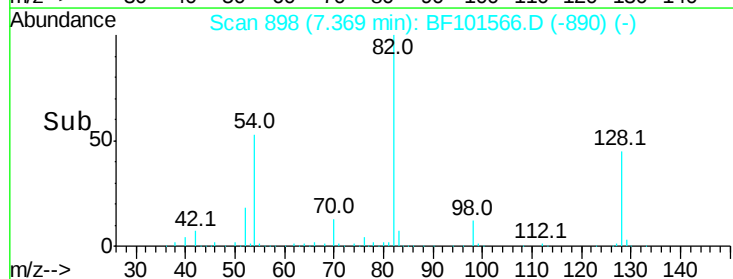
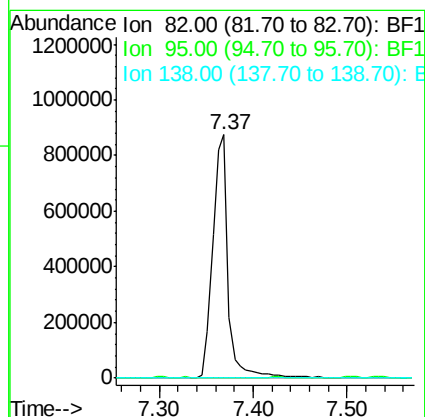
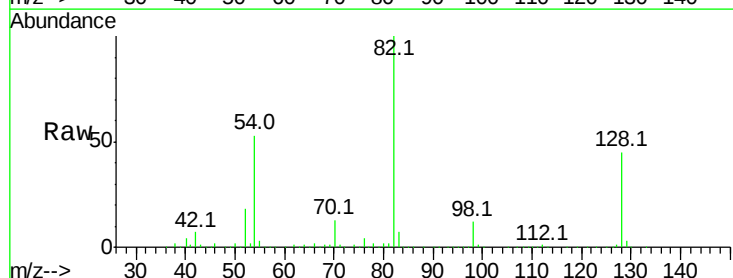
Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

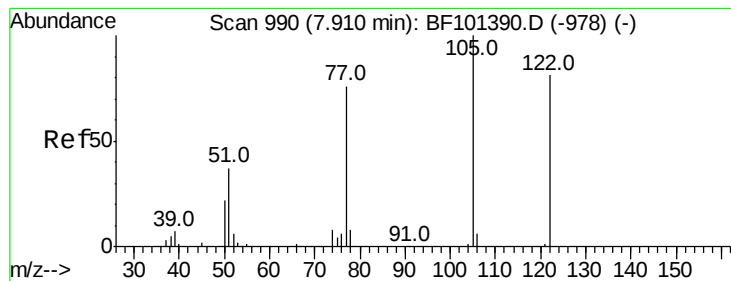
Tot Ion: 82 Resp: 1006845
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 53.1 41.4 62.2



#25
Isophorone
Concen: 42.508 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Tgt Ion: 82 Resp: 1005215
Ion Ratio Lower Upper
82 100
95 0.2 5.2 7.8#
138 0.0 14.9 22.3#





#32

Benzoic acid

Concen: 8.079 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

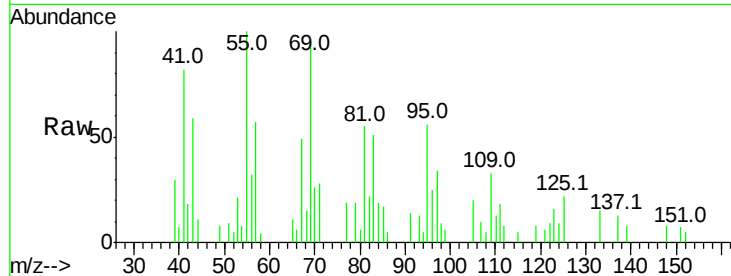
Tot Ion:122 Resp: 905

Ion Ratio Lower Upper

122 100

105 222.6 101.1 141.1#

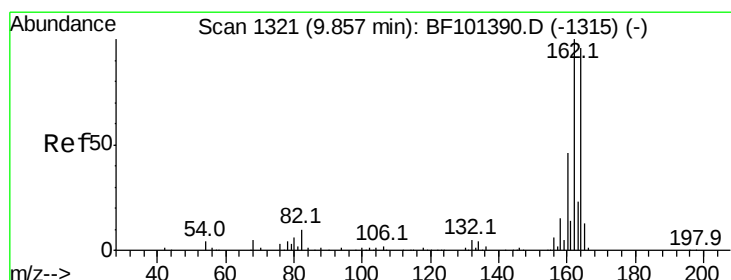
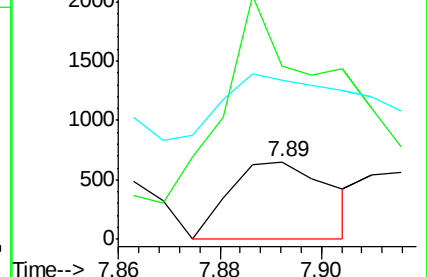
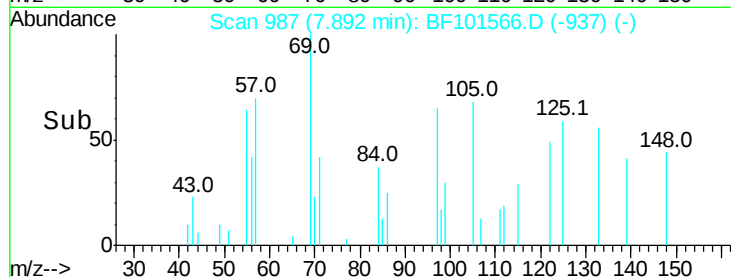
77 204.3 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

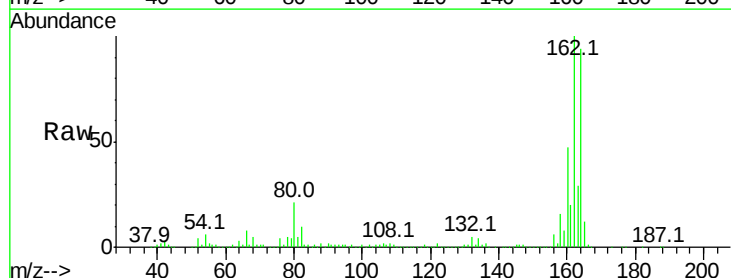
Tgt Ion:164 Resp: 283213

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

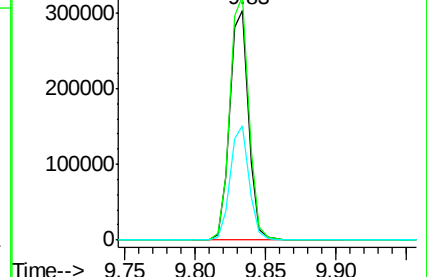
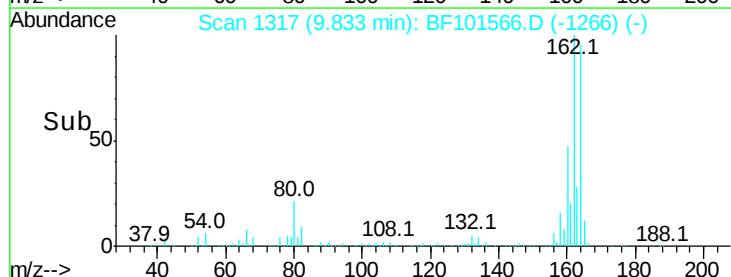
160 49.9 38.3 57.5

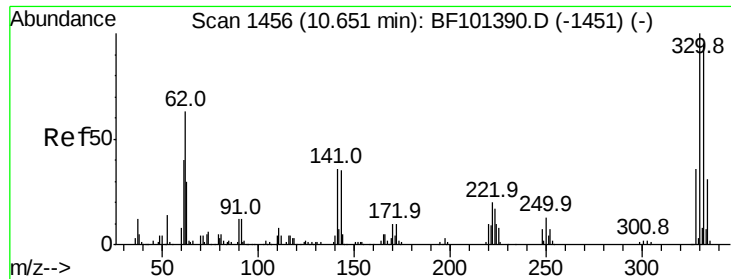


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 123.061 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

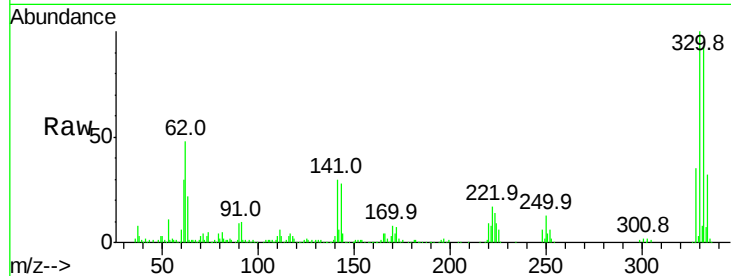
Tot Ion:330 Resp: 335832

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

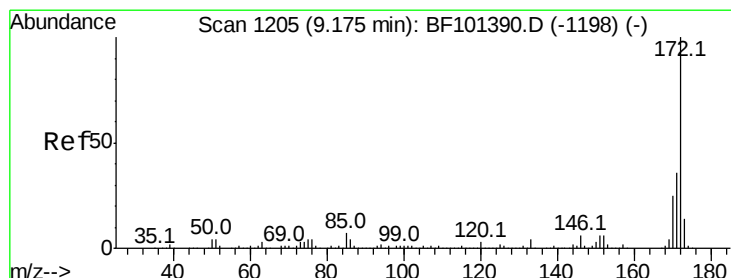
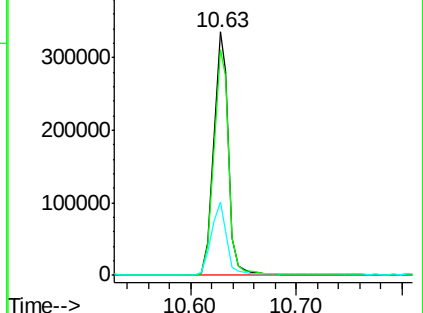
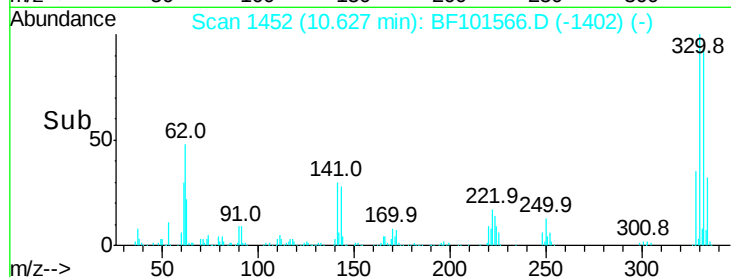
141 31.4 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 87.590 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

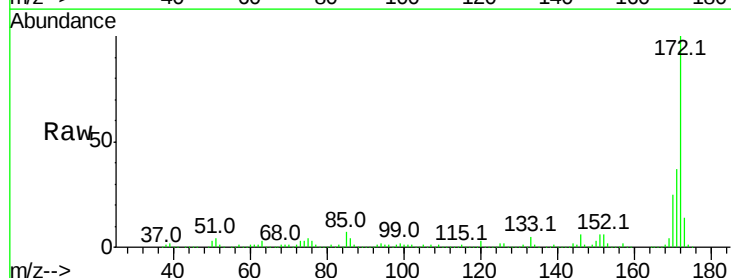
Tgt Ion:172 Resp: 1599146

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

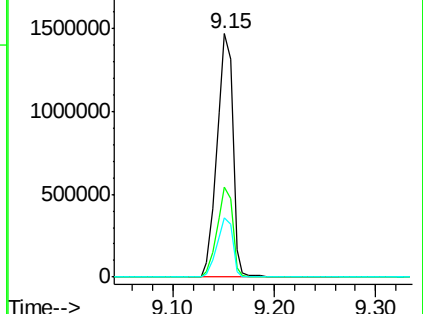
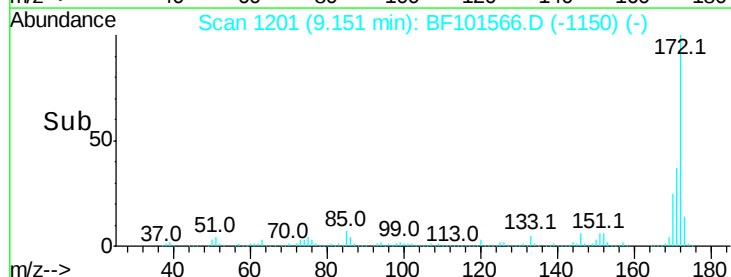
170 24.6 19.6 29.4

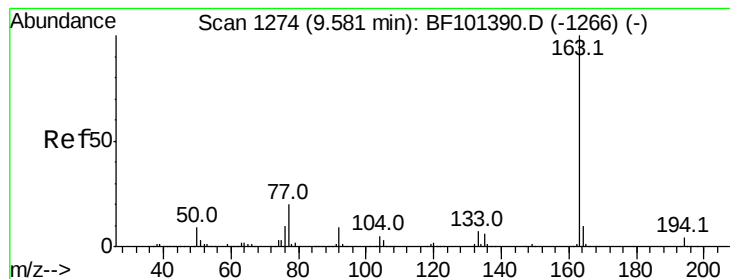


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.404 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

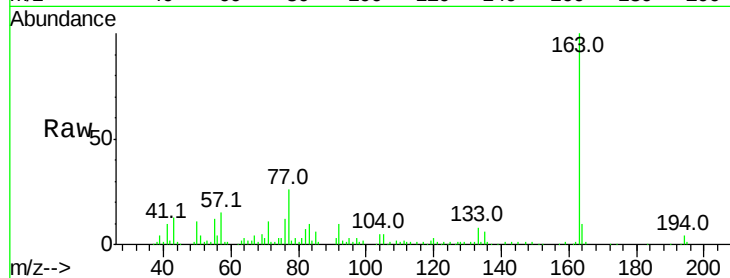
Tot Ion:163 Resp: 77556

Ion Ratio Lower Upper

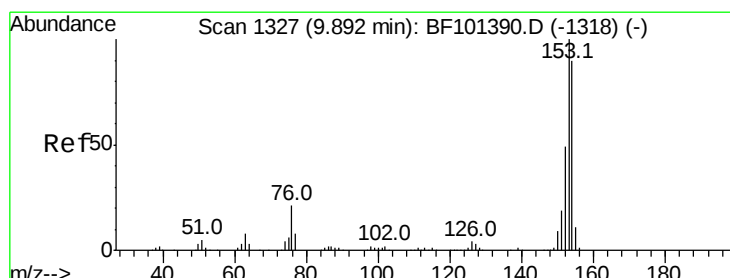
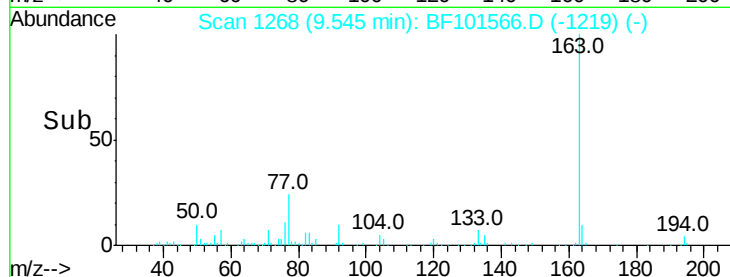
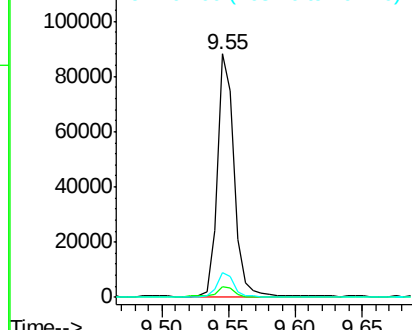
163 100

194 4.1 2.7 4.1#

164 10.4 8.2 12.2



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



#51

Acenaphthene

Concen: 3.576 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

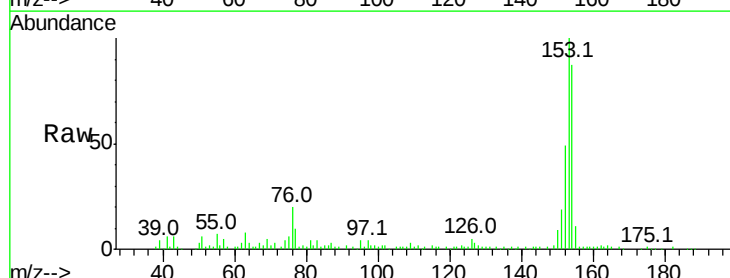
Tgt Ion:154 Resp: 65216

Ion Ratio Lower Upper

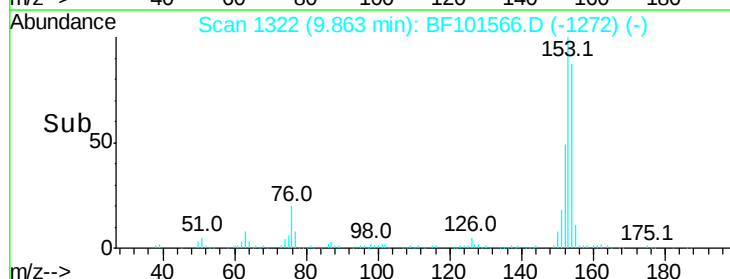
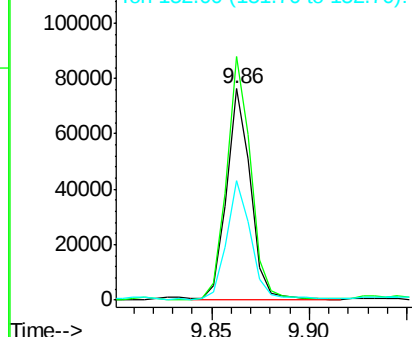
154 100

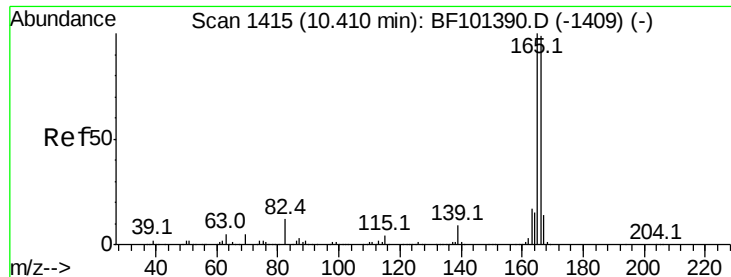
153 115.3 91.2 136.8

152 56.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

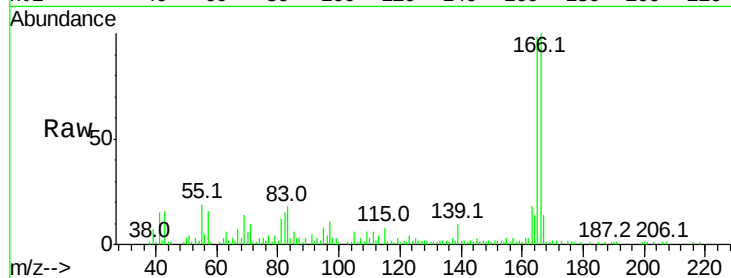




#57
Fluorene
 Concen: 2.326 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF101566.D
 Acq: 20 Dec 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	14.4	10.6	16.0

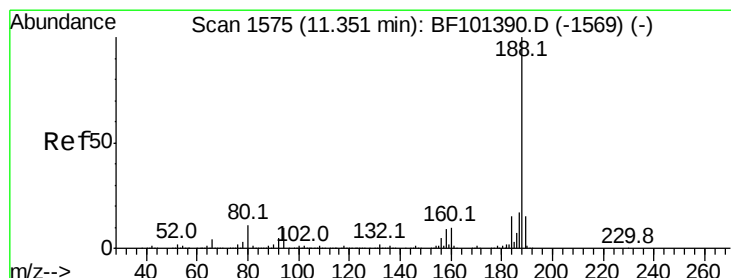
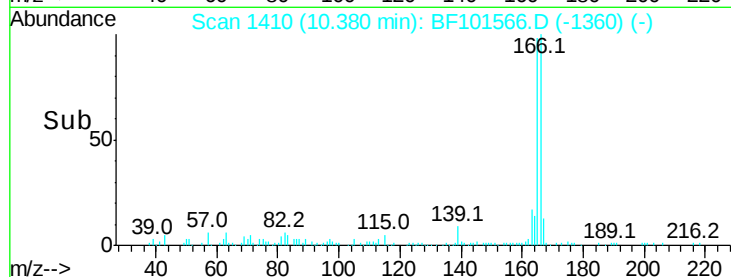
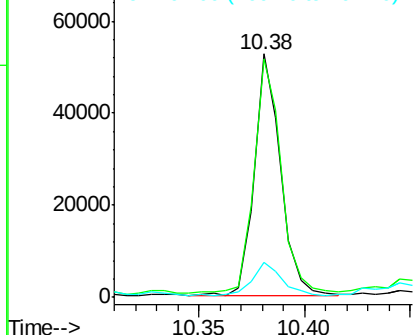


Abundance

Ion 166.00 (165.70 to 166.70): E

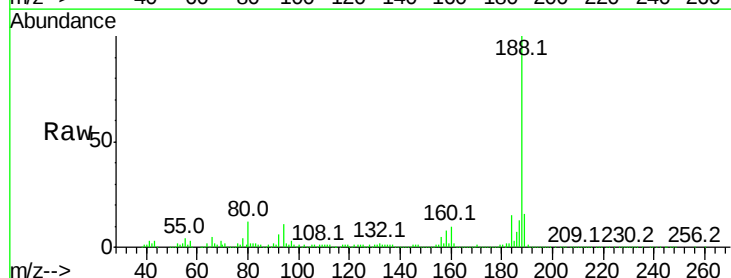
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101566.D
 Acq: 20 Dec 2017 14:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.9	9.2	13.8

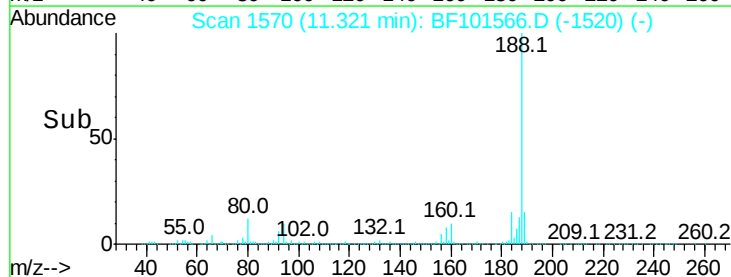
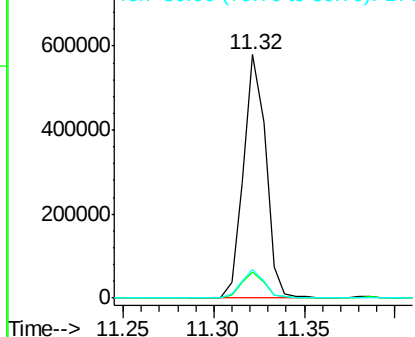


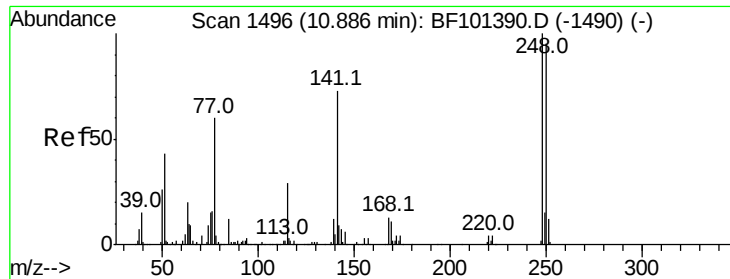
Abundance

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

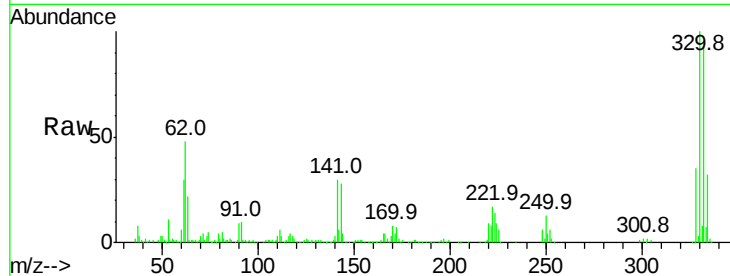




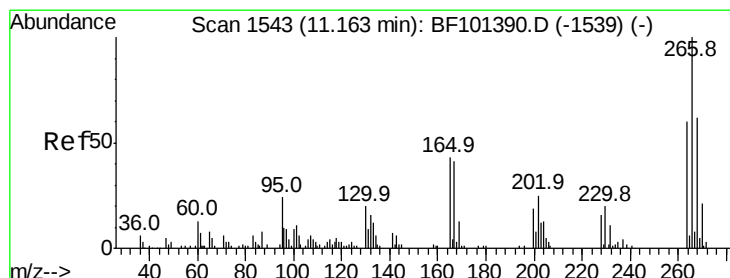
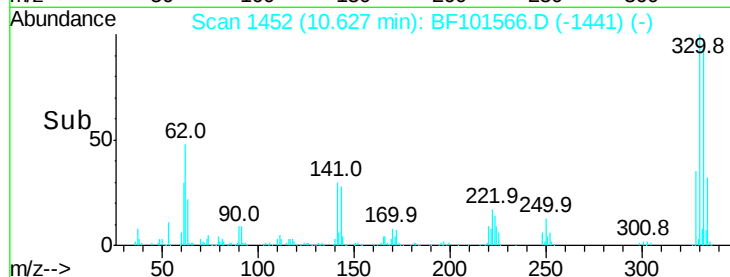
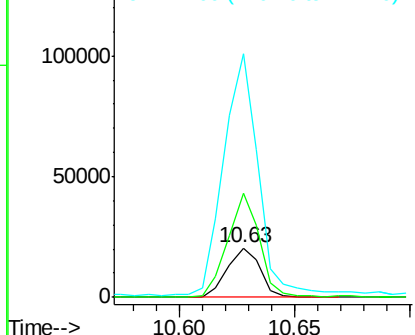
#66
 4-Bromophenyl-phenylether
 Concen: 3.637 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF101566.D
 Acq: 20 Dec 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Tot Ion:248 Resp: 20253
 Ion Ratio Lower Upper
 248 100
 250 209.3 76.9 115.3#
 141 490.3 74.4 111.6#

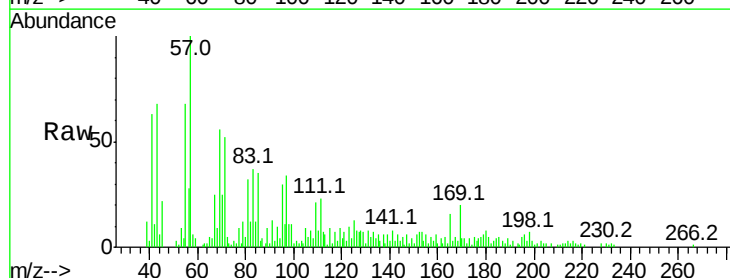


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

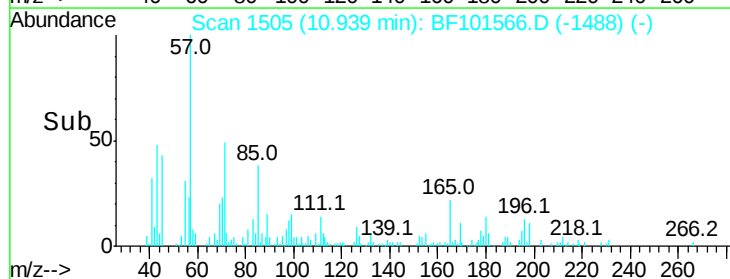
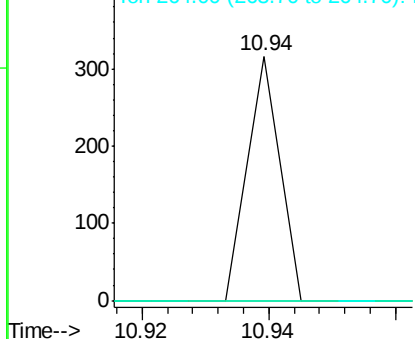


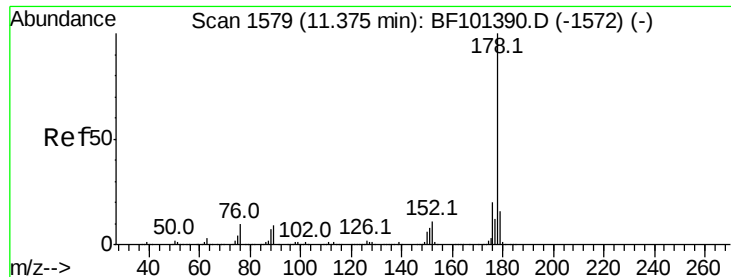
#69
 Pentachlorophenol
 Concen: 6.602 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.20 min
 Lab File: BF101566.D
 Acq: 20 Dec 2017 14:35

Tgt Ion:266 Resp: 112
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 49.5 74.3#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3.678 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

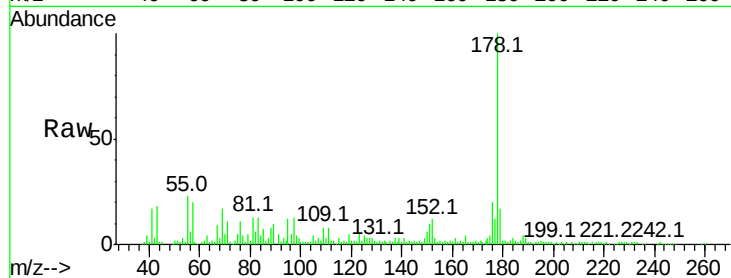
Tot Ion:178 Resp: 101391

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

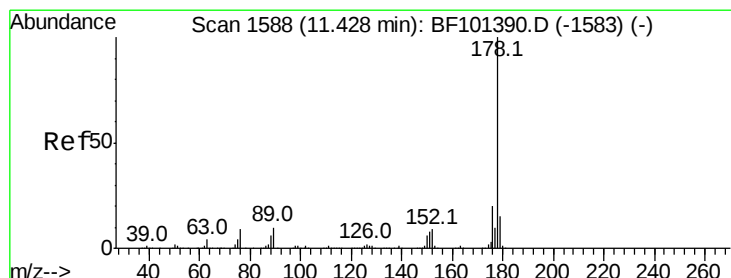
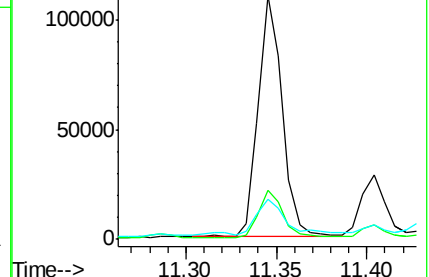
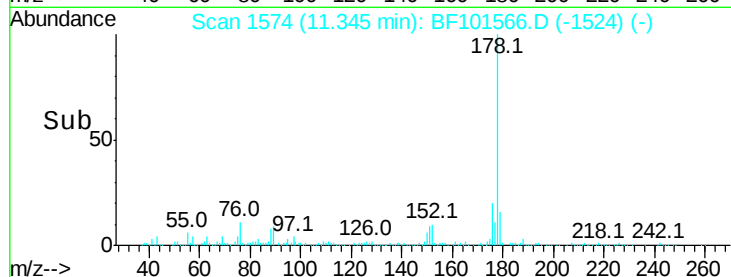
179 16.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.601 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.06 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

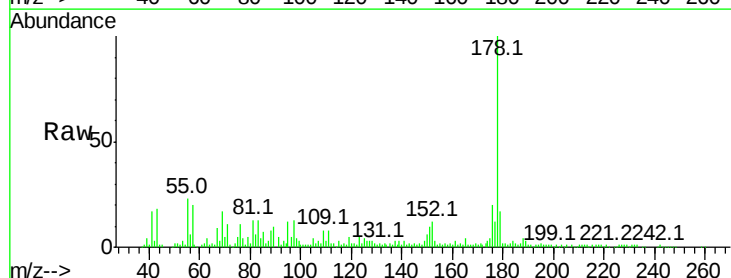
Tgt Ion:178 Resp: 101391

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.2

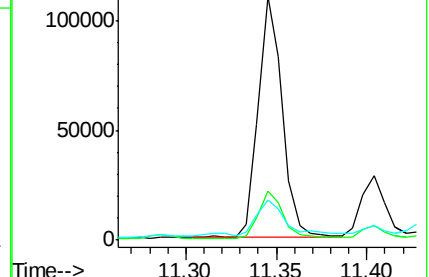
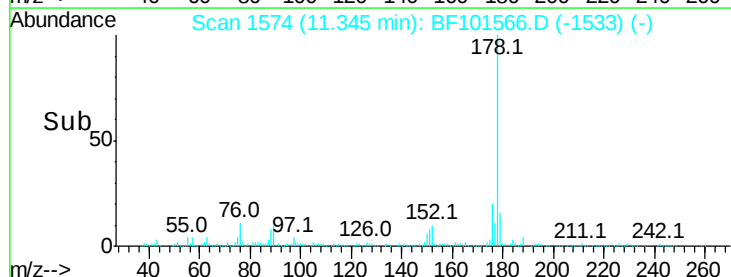
179 16.7 12.6 19.0

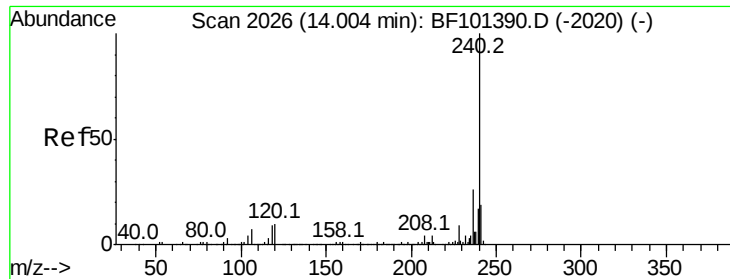


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

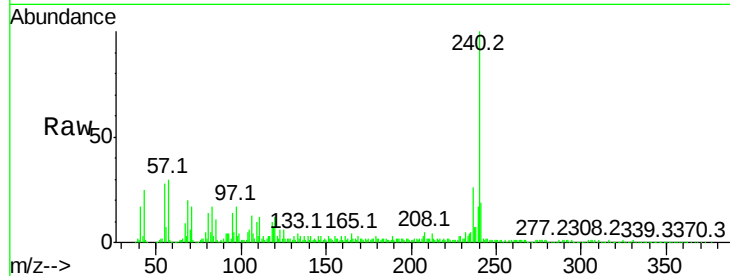
Tot Ion:240 Resp: 282523

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

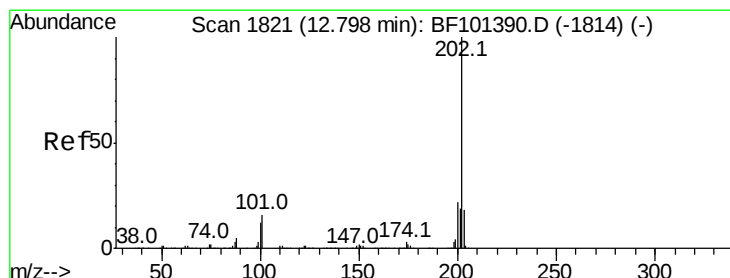
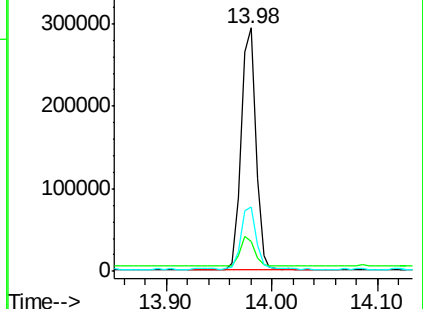
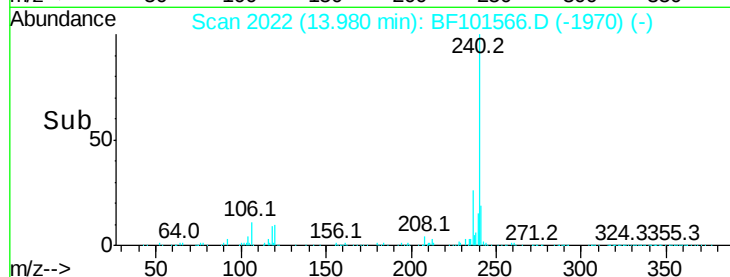
236 26.4 20.7 31.1



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



#77

Pyrene

Concen: 3.028 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

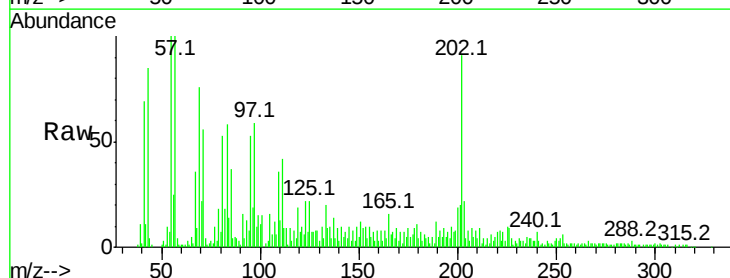
Tgt Ion:202 Resp: 64205

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

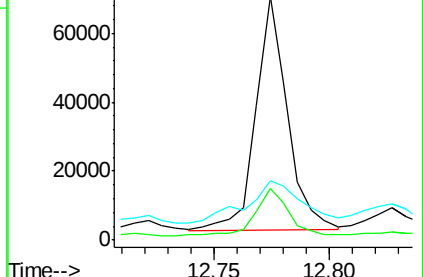
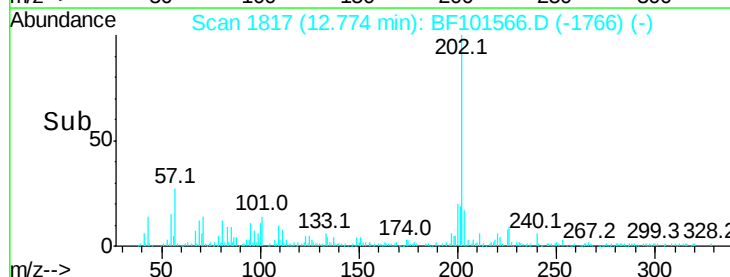
203 24.5 14.3 21.5#

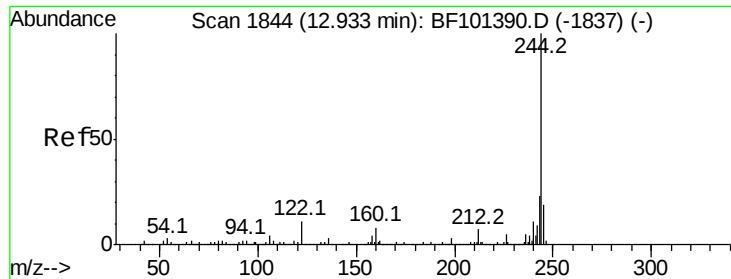


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

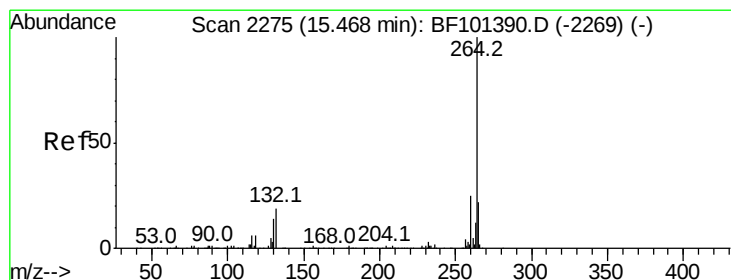
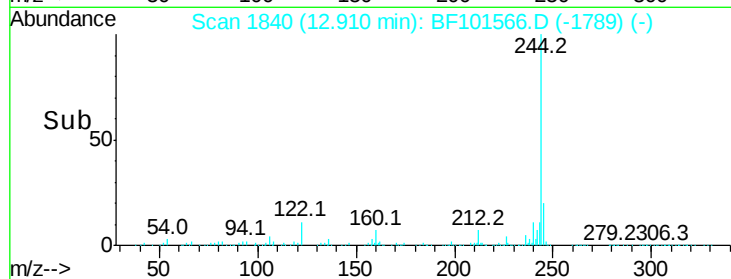
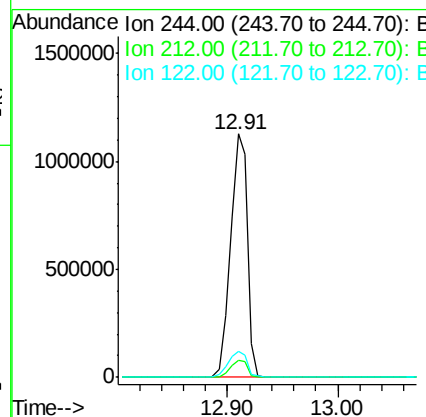
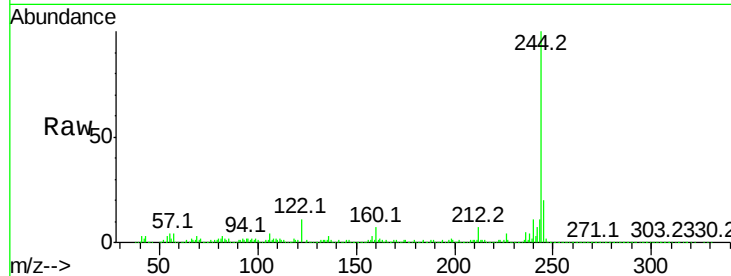




#78
 Terphenyl-d14
 Concen: 102.830 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF101566.D
 Acq: 20 Dec 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Tot Ion:244 Resp: 1205090
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF101566.D
 Acq: 20 Dec 2017 14:35

Tgt Ion:264 Resp: 308665
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.9 17.5 26.3

