

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091310.D
 Acq On : 24 Nov 2016 12:12
 Operator : UM/SJ
 Sample : H5720-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-3

Quant Time: Nov 25 00:13:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

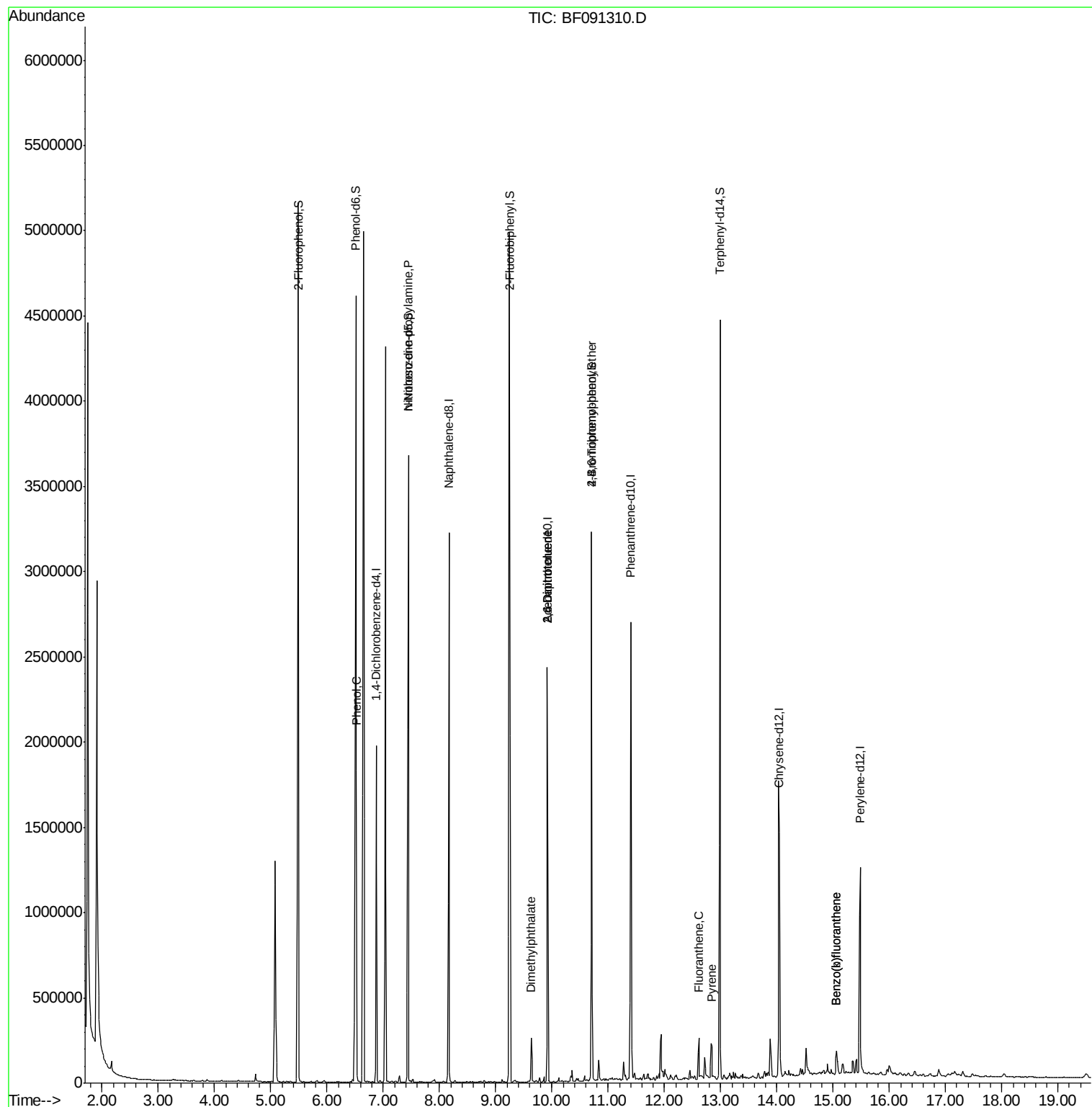
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	363152	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1408464	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	645556	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	919619	20.00	ng	0.00
75) Chrysene-d12	14.04	240	820317	20.00	ng	0.00
86) Perylene-d12	15.48	264	645632	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1715717	75.91	ng	0.02
7) Phenol-d6	6.51	99	1915004	65.94	ng	0.01
23) Nitrobenzene-d5	7.45	82	1367226	55.88	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	371943	57.13	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1855740	47.07	ng	0.00
78) Terphenyl-d14	12.99	244	1397692	38.91	ng	0.00
Target Compounds						
10) Phenol	6.52	94	118799	3.67	ng	93
19) n-Nitroso-di-n-propylamine	7.45	70	188033	10.32	ng	# 69
49) Dimethylphthalate	9.63	163	117830	2.92	ng	# 98
50) 2,6-Dinitrotoluene	9.92	165	84451	9.59	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	84456	7.58	ng	# 34
66) 4-Bromophenyl-phenylether	10.70	248	23984	2.39	ng	# 1
74) Fluoranthene	12.61	202	125524	2.59	ng	97
77) Pyrene	12.84	202	123774	2.04	ng	97
87) Benzo(b)fluoranthene	15.06	252	104345	2.56	ng	97
88) Benzo(k)fluoranthene	15.06	252	104345	3.14	ng	97

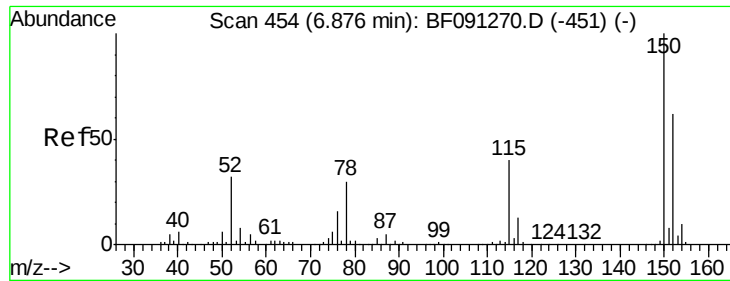
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091310.D

Acq: 24 Nov 2016 12:12

Instrument :

BNA_F

ClientSampleId :

WASTE-3

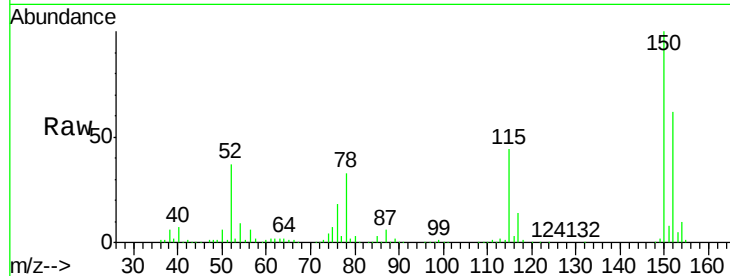
Tgt Ion:152 Resp: 363152

Ion Ratio Lower Upper

152 100

150 162.0 122.5 183.7

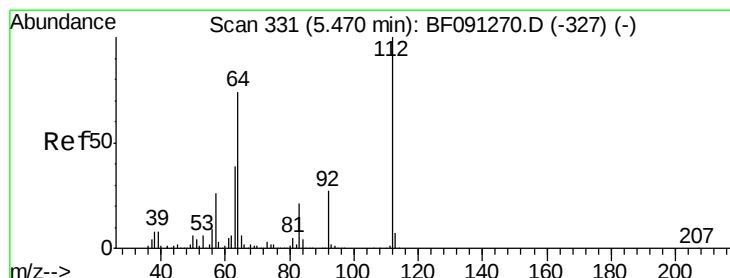
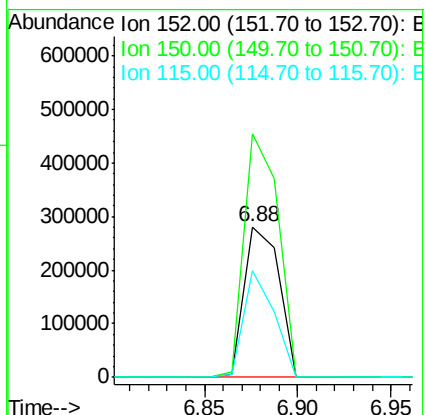
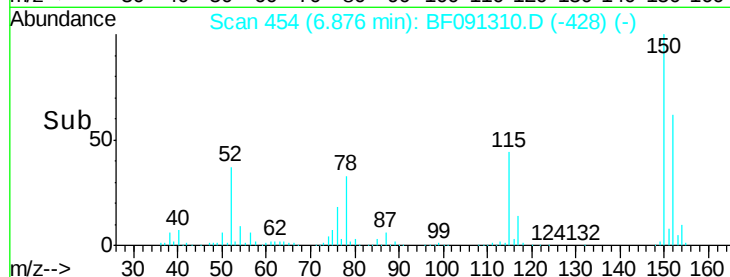
115 70.8 51.8 77.8



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: 75.91 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091310.D

Acq: 24 Nov 2016 12:12

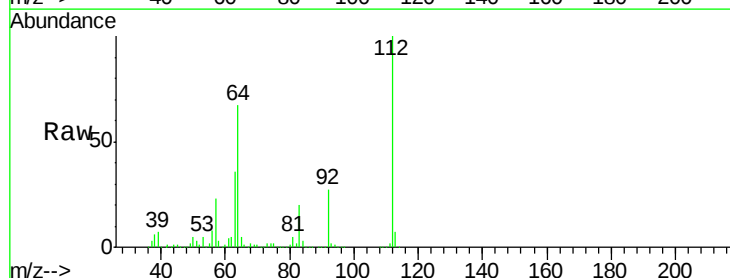
Tgt Ion:112 Resp: 1715717

Ion Ratio Lower Upper

112 100

64 67.4 61.5 92.3

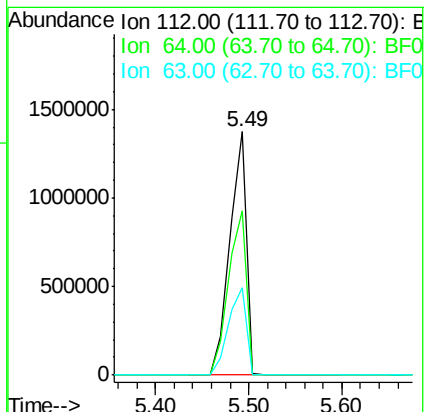
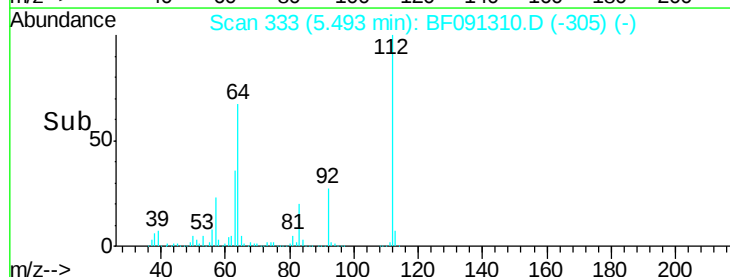
63 36.0 33.3 49.9

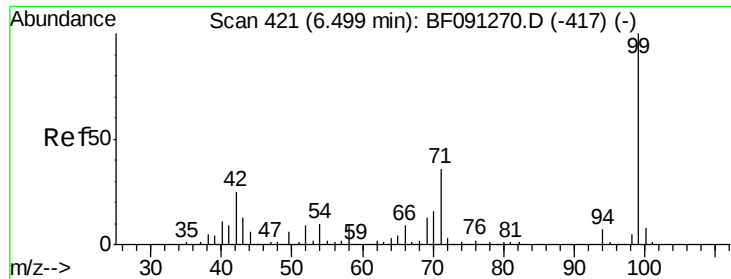


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 65.94 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091310.D

Acq: 24 Nov 2016 12:12

Instrument :

BNA_F

ClientSampleId :

WASTE-3

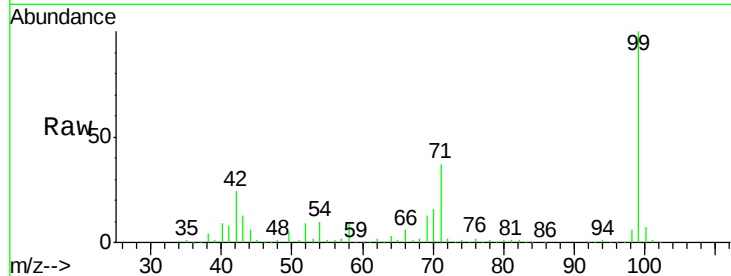
Tgt Ion: 99 Resp: 1915004

Ion Ratio Lower Upper

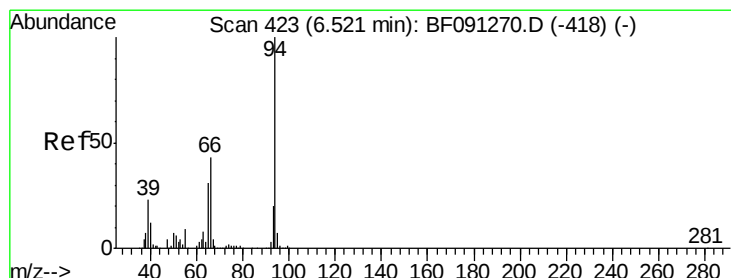
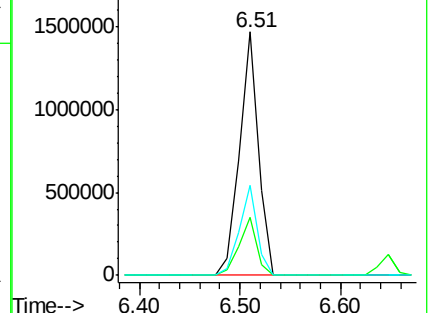
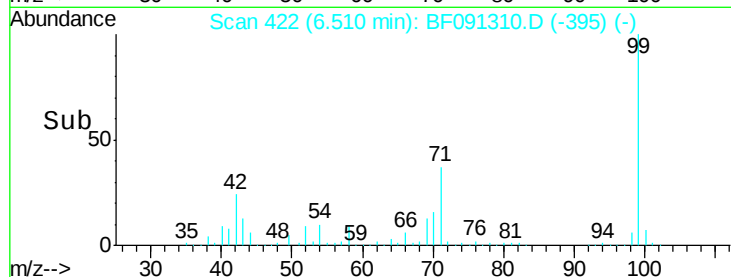
99 100

42 24.0 20.6 31.0

71 37.2 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.67 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091310.D

Acq: 24 Nov 2016 12:12

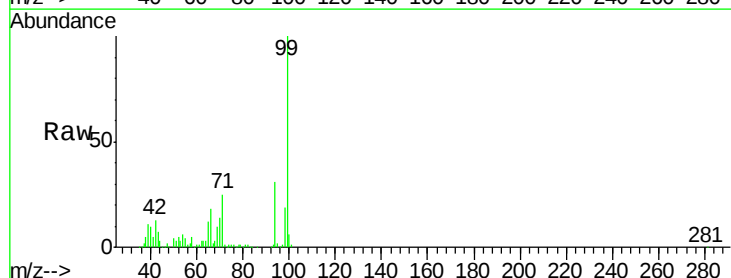
Tgt Ion: 94 Resp: 118799

Ion Ratio Lower Upper

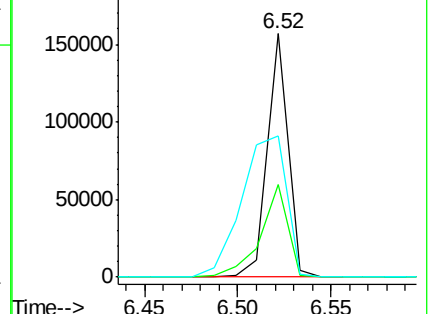
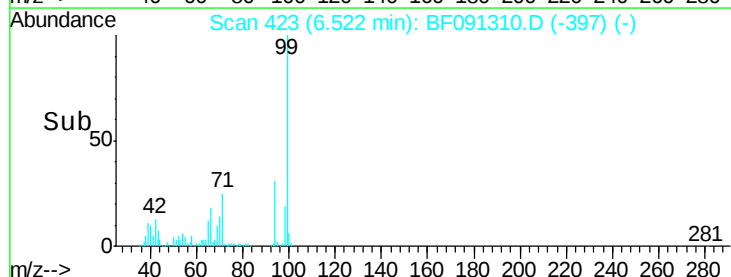
94 100

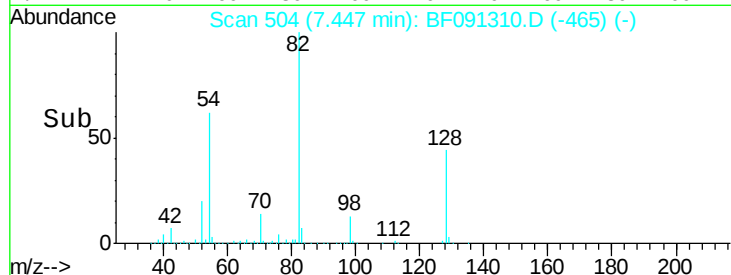
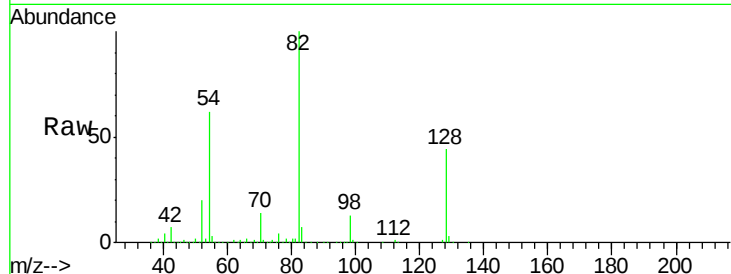
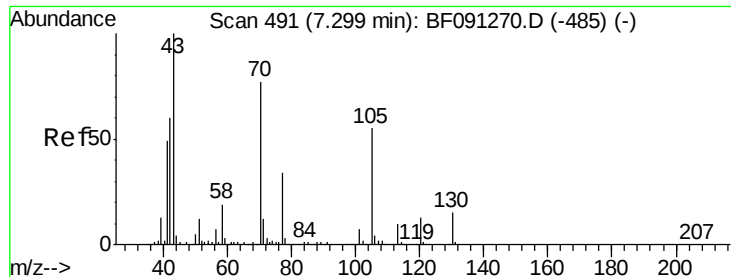
65 38.0 16.9 56.9

66 58.0 30.6 70.6



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

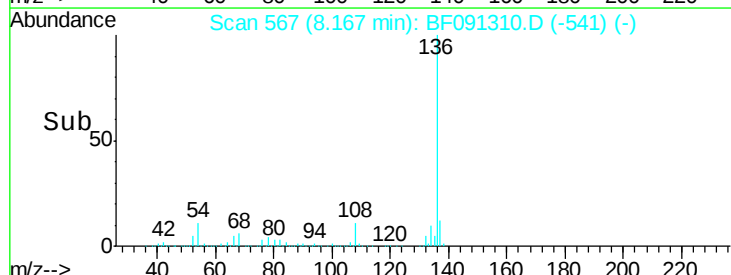
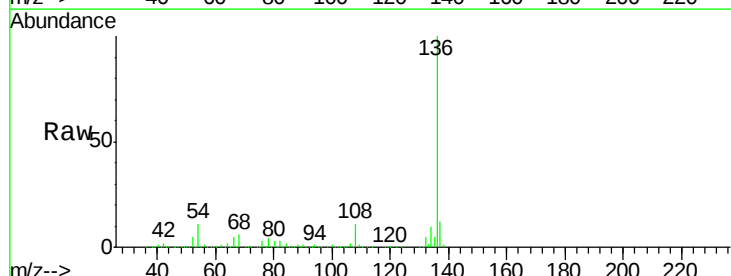
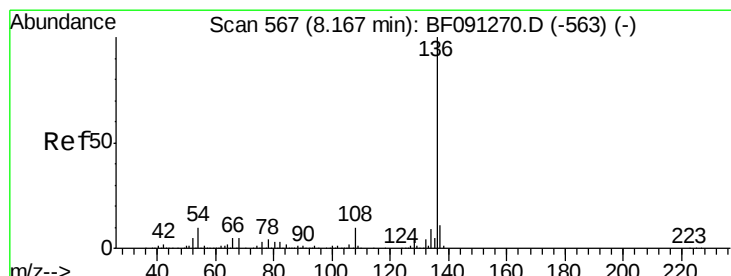
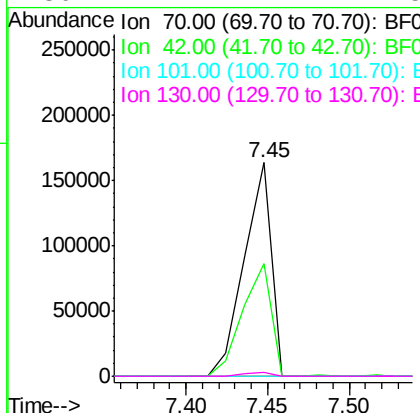




#19
n-Nitroso-di-n-propylamine
Concen: 10.32 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.15 min
Lab File: BF091310.D
Acq: 24 Nov 2016 12:12

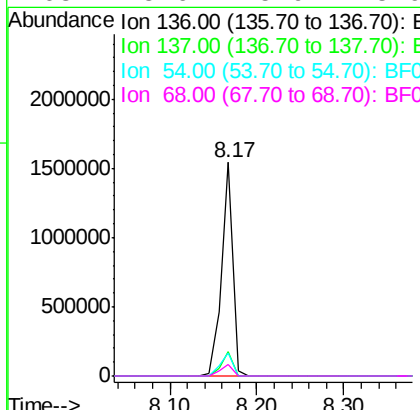
Instrument :
BNA_F
ClientSampled :
WASTE-3

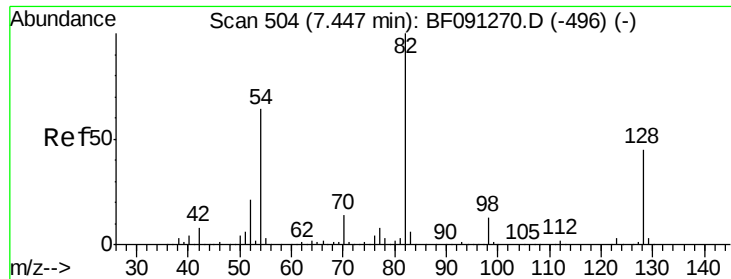
Tgt Ion: 70 Resp: 188033
Ion Ratio Lower Upper
70 100
42 52.9 64.8 97.2#
101 0.0 6.2 9.4#
130 2.1 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091310.D
Acq: 24 Nov 2016 12:12

Tgt Ion: 136 Resp: 1408464
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.7 9.1 13.7
68 5.6 5.9 8.9#

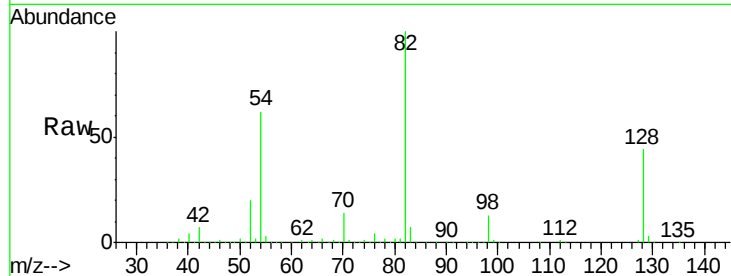




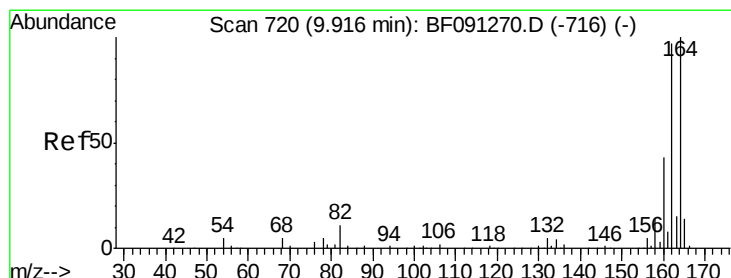
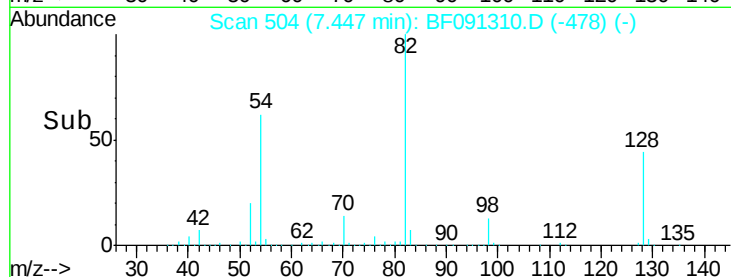
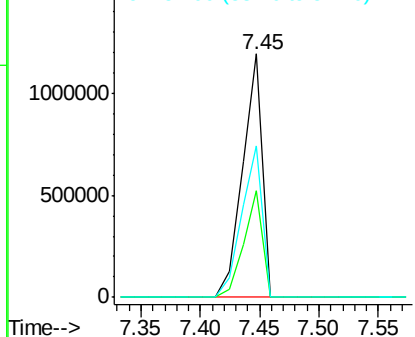
#23
 Nitrobenzene-d5
 Concen: 55.88 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF091310.D
 Acq: 24 Nov 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-3

Tgt Ion: 82 Resp: 1367226
 Ion Ratio Lower Upper
 82 100
 128 43.7 31.8 47.6
 54 62.2 49.1 73.7

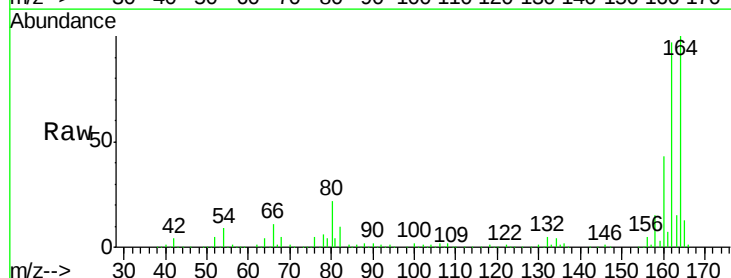


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

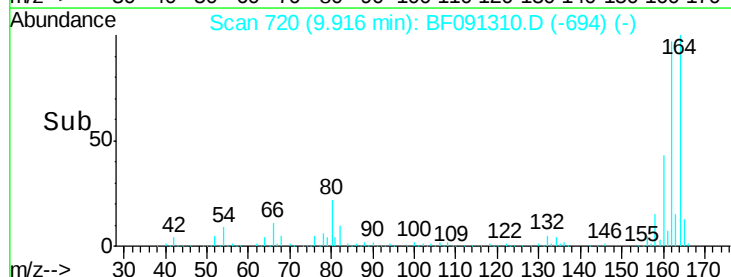
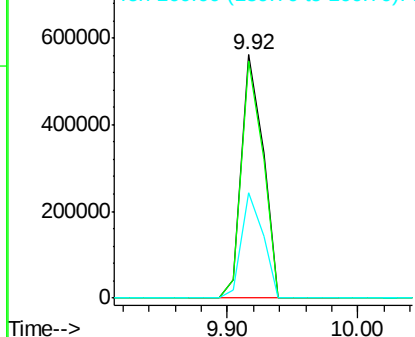


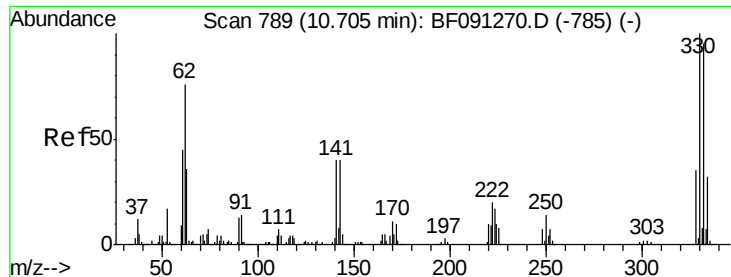
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF091310.D
 Acq: 24 Nov 2016 12:12

Tgt Ion: 164 Resp: 645556
 Ion Ratio Lower Upper
 164 100
 162 97.4 82.6 124.0
 160 43.3 36.7 55.1



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

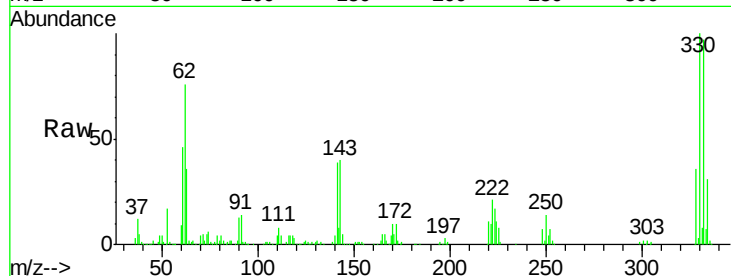




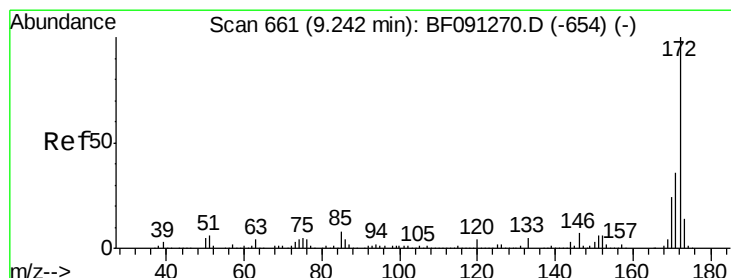
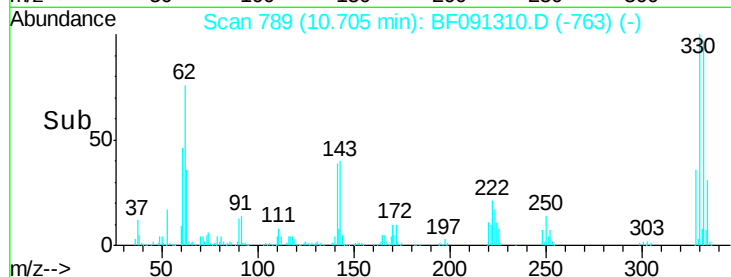
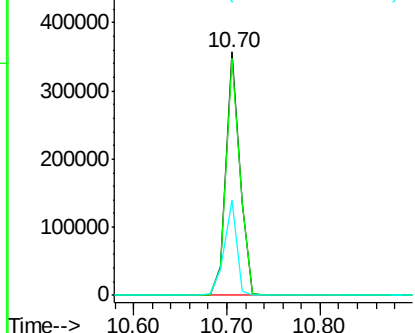
#41
 2,4,6-Tribromophenol
 Concen: 57.13 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091310.D
 Acq: 24 Nov 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-3

Tgt Ion:330 Resp: 371943
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.2 114.4
 141 34.6 33.6 50.4

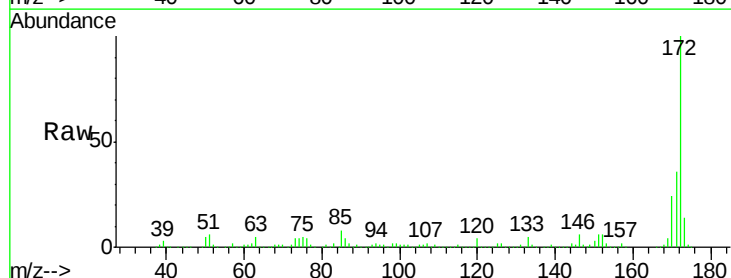


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

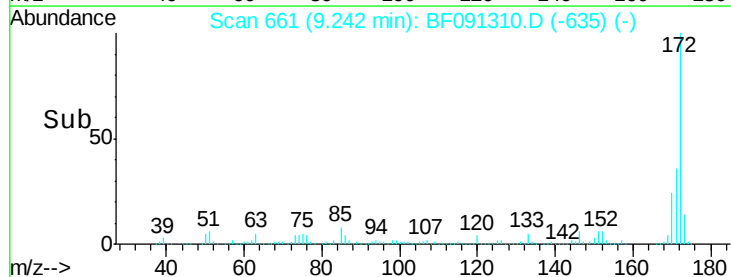
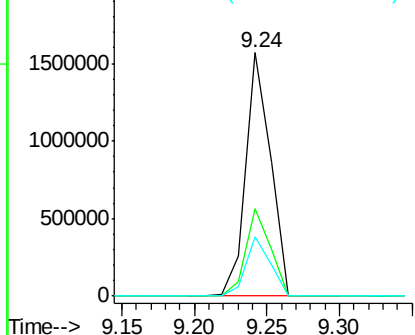


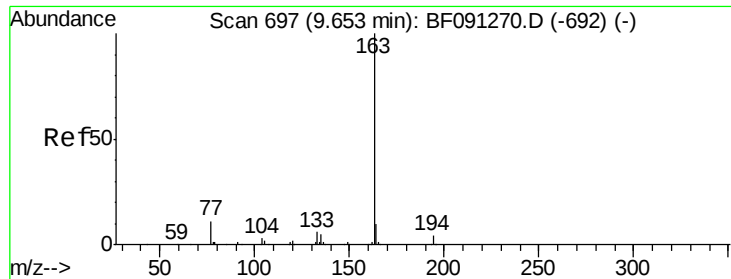
#44
 2-Fluorobiphenyl
 Concen: 47.07 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091310.D
 Acq: 24 Nov 2016 12:12

Tgt Ion:172 Resp: 1855740
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 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

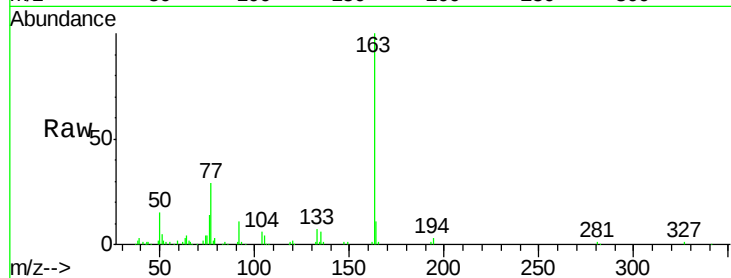




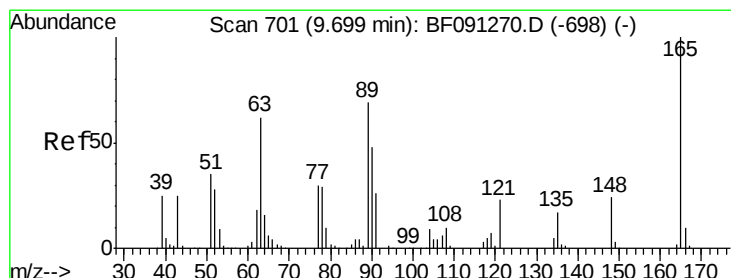
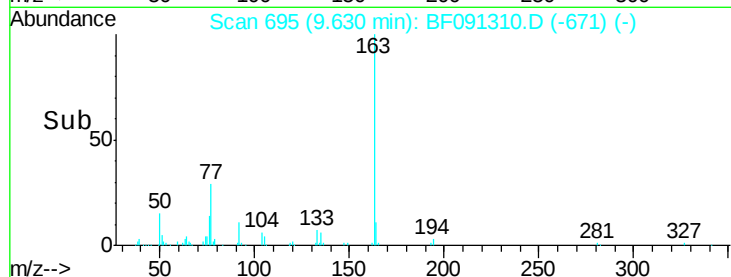
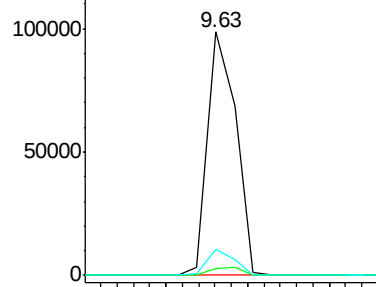
#49
Dimethylphthalate
Concen: 2.92 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091310.D
Acq: 24 Nov 2016 12:12

Instrument :
BNA_F
ClientSampled :
WASTE-3

Tgt Ion:163 Resp: 117830
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.7 7.8 11.8

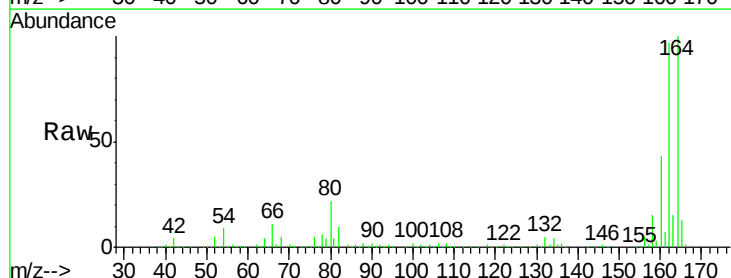


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

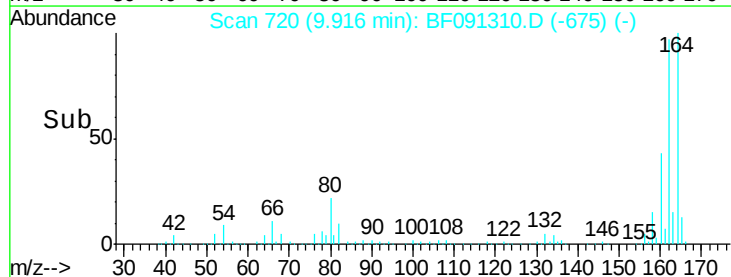
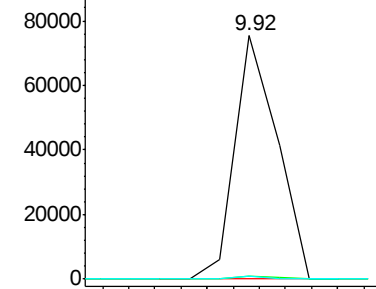


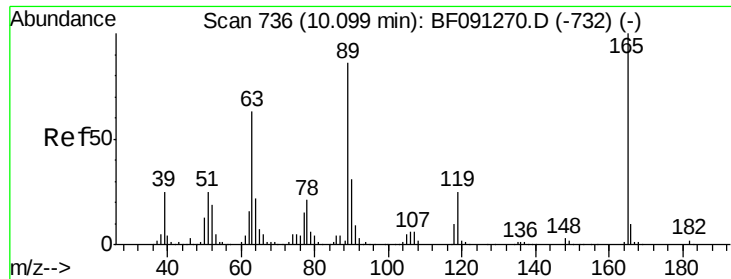
#50
2,6-Dinitrotoluene
Concen: 9.59 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF091310.D
Acq: 24 Nov 2016 12:12

Tgt Ion:165 Resp: 84451
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.0#
89 1.2 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

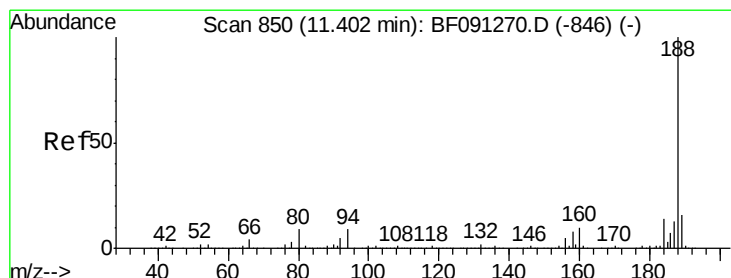
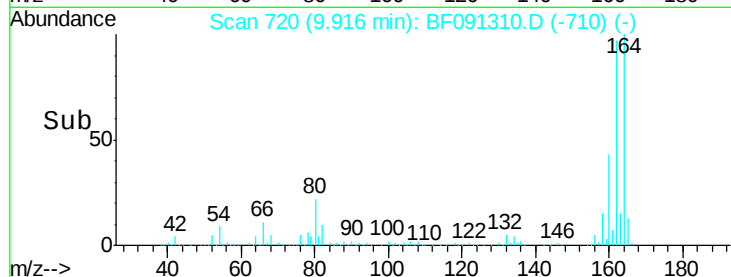
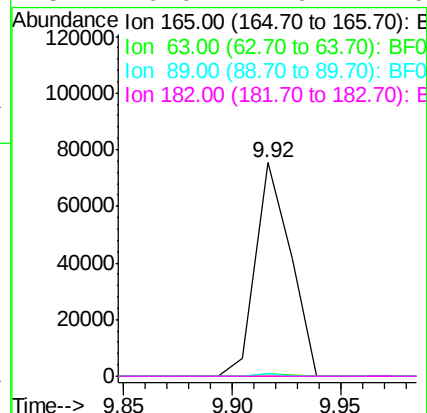
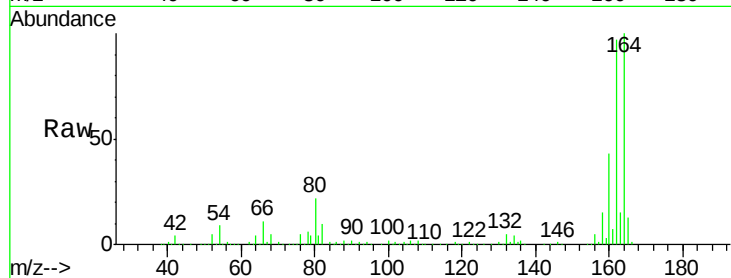




#56
 2,4-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.18 min
 Lab File: BF091310.D
 Acq: 24 Nov 2016 12:12

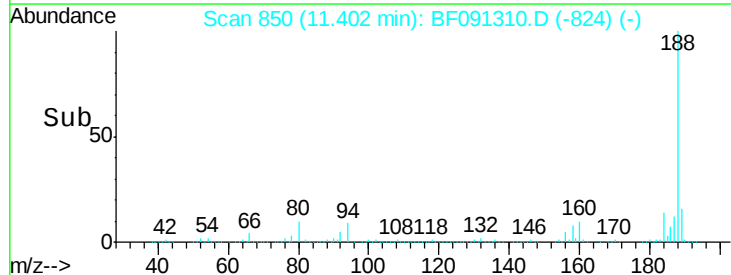
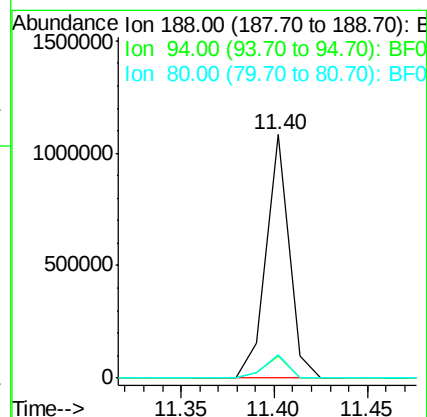
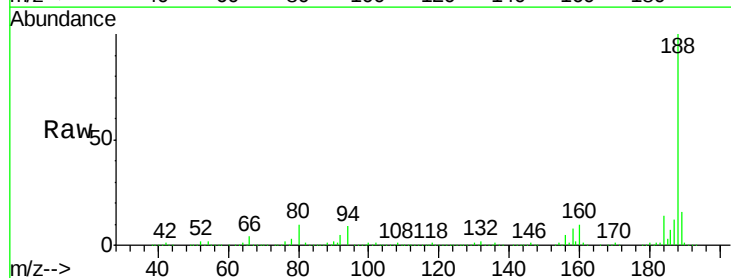
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-3

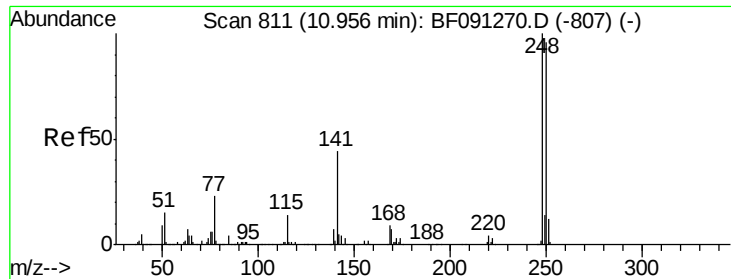
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091310.D
 Acq: 24 Nov 2016 12:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.2	13.8#
80	9.5	10.5	15.7#





#66

4-Bromophenyl-phenylether

Concen: 2.39 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.25 min

Lab File: BF091310.D

Acq: 24 Nov 2016 12:12

Instrument :

BNA_F

ClientSampleId :

WASTE-3

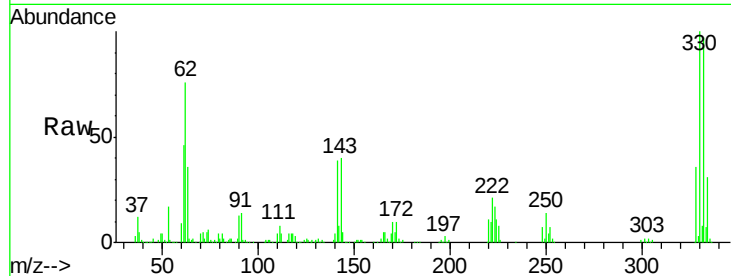
Tgt Ion:248 Resp: 23984

Ion Ratio Lower Upper

248 100

250 193.6 78.2 117.4#

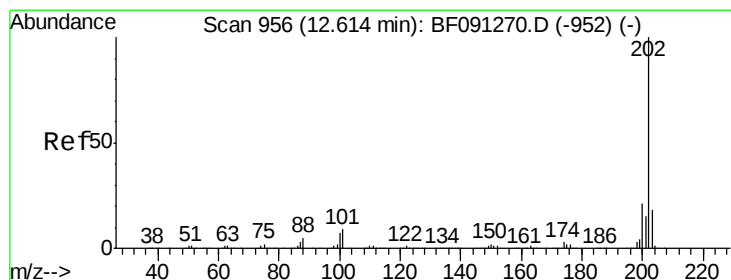
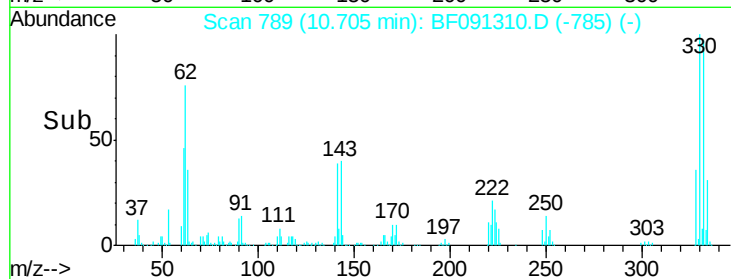
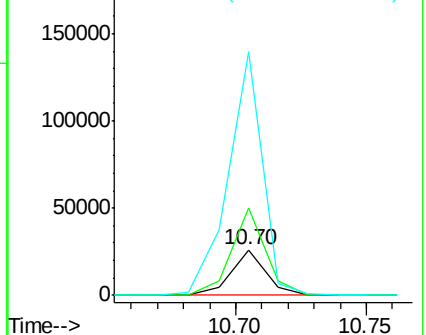
141 535.2 71.9 107.9#



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



#74

Fluoranthene

Concen: 2.59 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091310.D

Acq: 24 Nov 2016 12:12

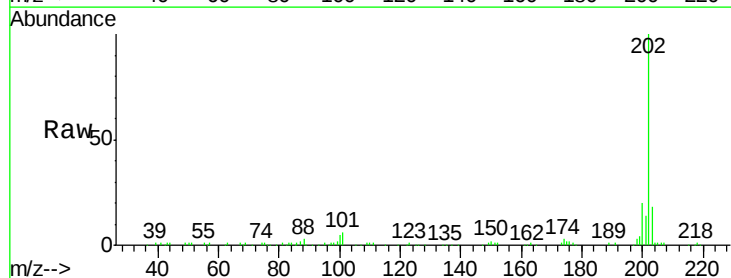
Tgt Ion:202 Resp: 125524

Ion Ratio Lower Upper

202 100

101 6.4 0.0 29.5

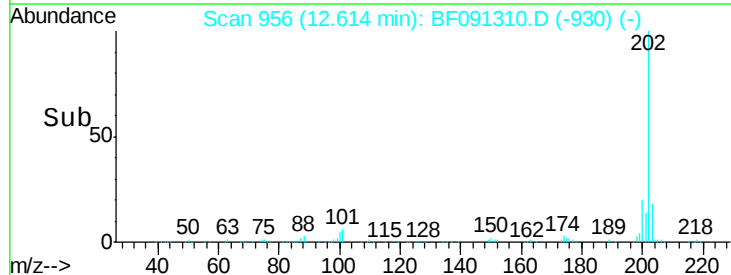
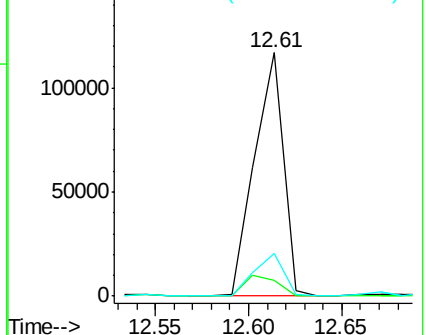
203 17.6 0.0 37.8

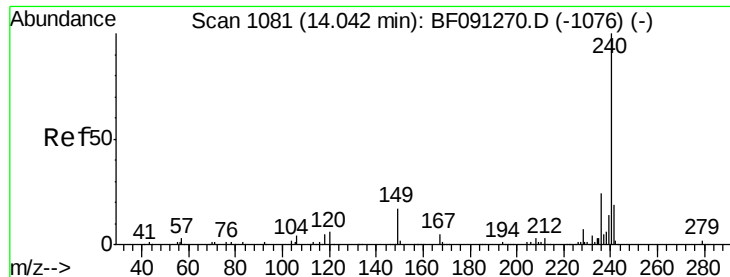


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091310.D

Acq: 24 Nov 2016 12:12

Instrument :

BNA_F

ClientSampleId :

WASTE-3

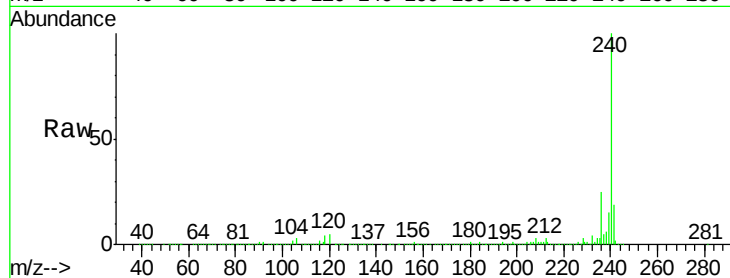
Tgt Ion:240 Resp: 820317

Ion Ratio Lower Upper

240 100

120 5.2 12.1 18.1#

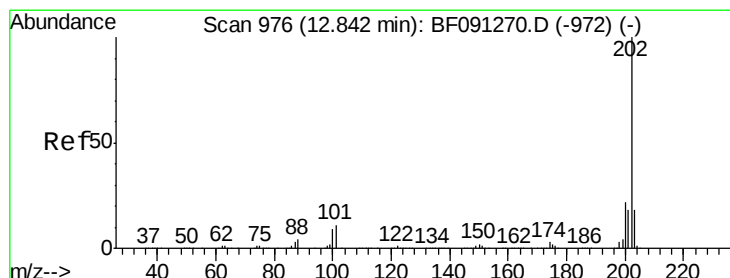
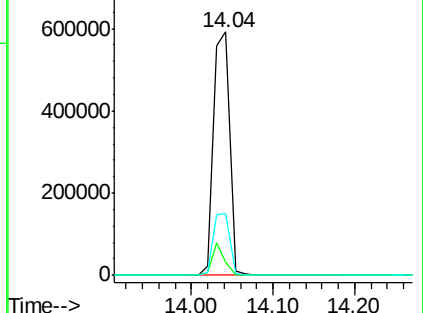
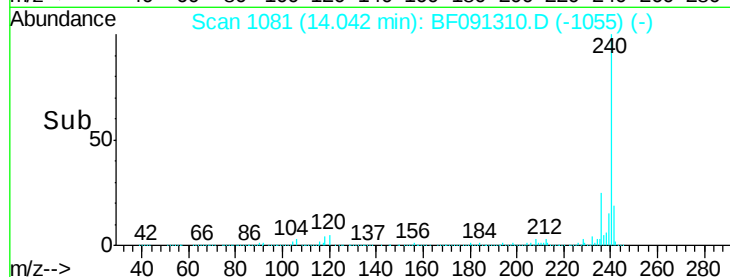
236 25.4 21.0 31.6



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



#77

Pyrene

Concen: 2.04 ng

RT: 12.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF091310.D

Acq: 24 Nov 2016 12:12

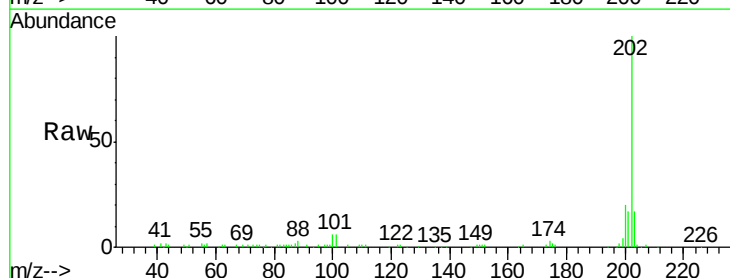
Tgt Ion:202 Resp: 123774

Ion Ratio Lower Upper

202 100

200 19.8 17.6 26.4

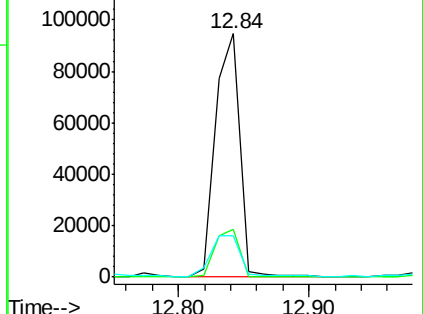
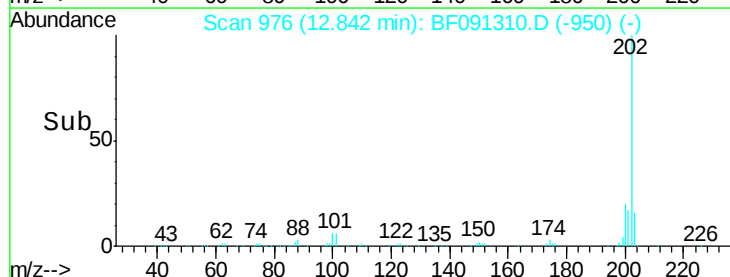
203 16.9 14.0 21.0

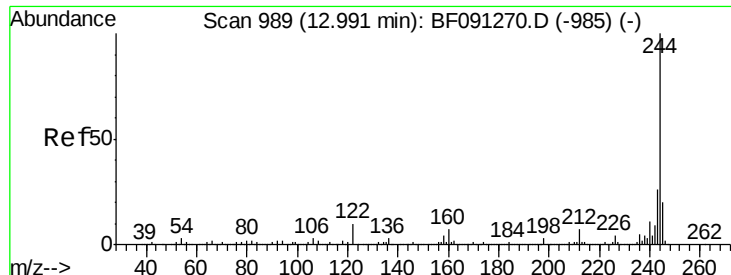


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

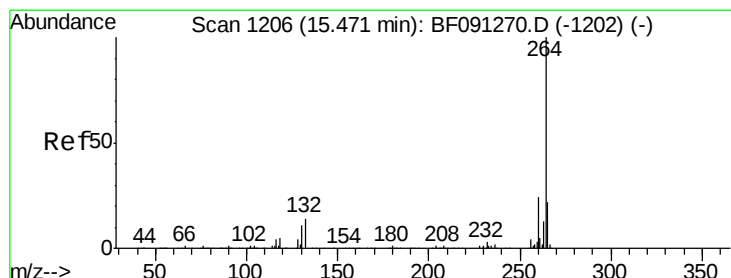
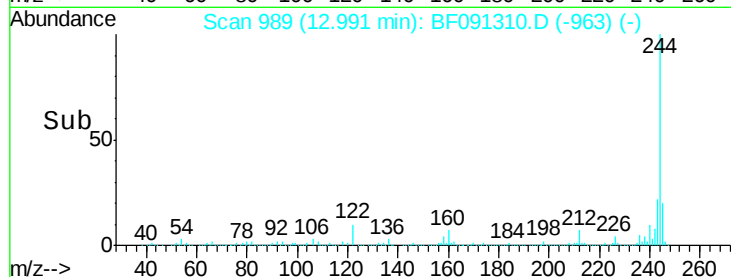
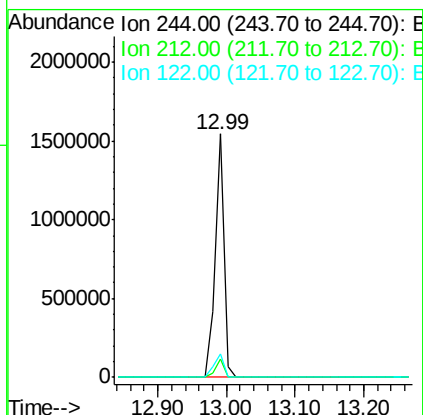
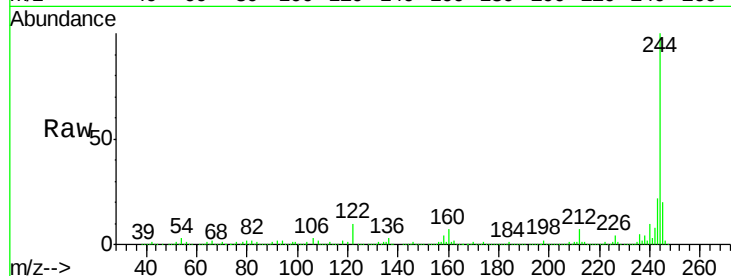




#78
 Terphenyl-d14
 Concen: 38.91 ng
 RT: 12.99 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF091310.D
 Acq: 24 Nov 2016 12:12

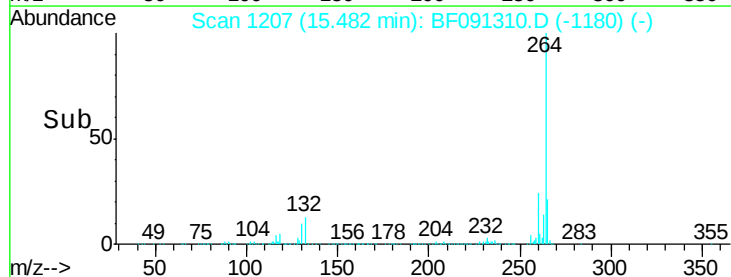
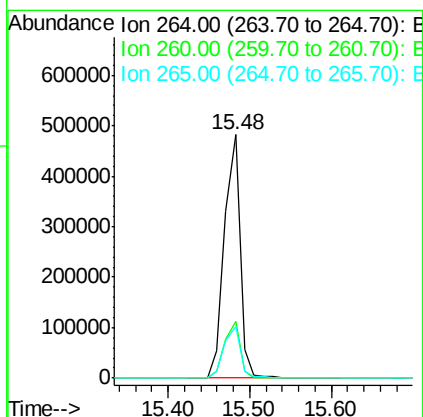
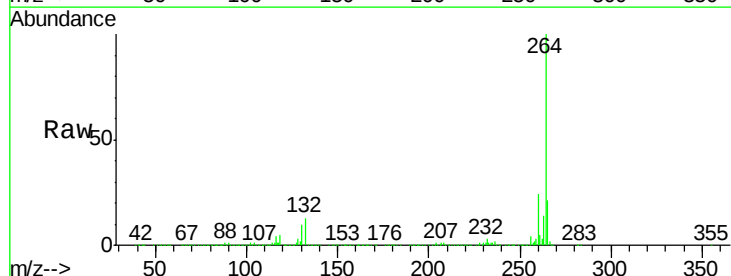
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-3

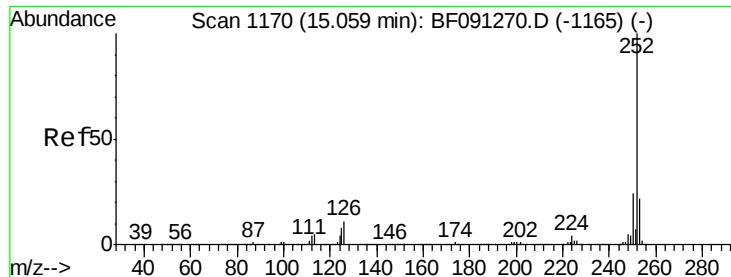
Tgt Ion:244 Resp: 1397692
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 9.7 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF091310.D
 Acq: 24 Nov 2016 12:12

Tgt Ion:264 Resp: 645632
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.2 17.0 25.6

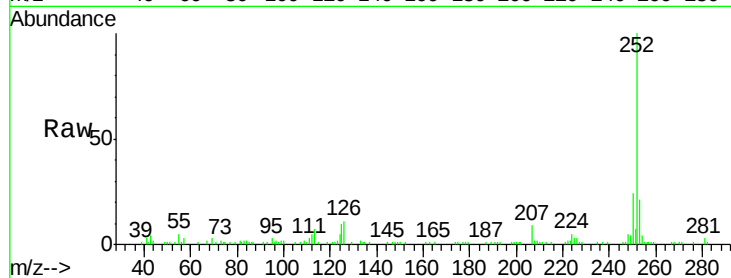




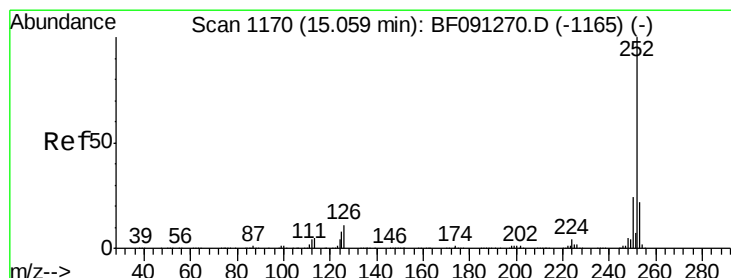
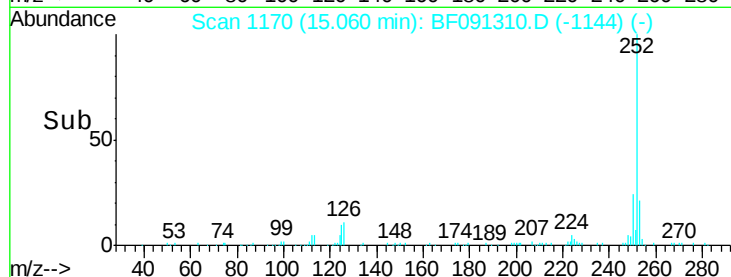
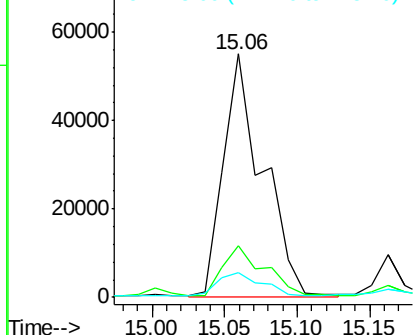
#87
Benzo(b)fluoranthene
Concen: 2.56 ng
RT: 15.06 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF091310.D
Acq: 24 Nov 2016 12:12

Instrument :
BNA_F
ClientSampleId :
WASTE-3

Tgt Ion:252 Resp: 104345
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 9.9 8.6 13.0

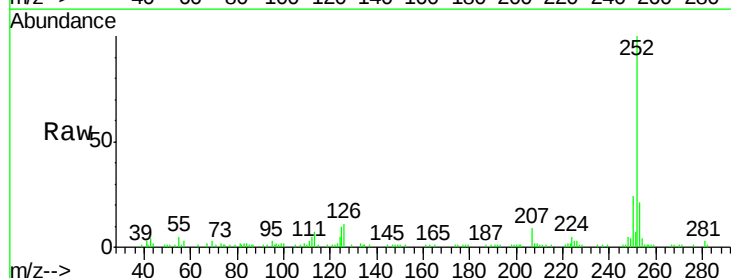


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.14 ng
RT: 15.06 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF091310.D
Acq: 24 Nov 2016 12:12

Tgt Ion:252 Resp: 104345
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 9.9 9.6 14.4



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

