

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082808.D
 Acq On : 7 Nov 2015 14:01
 Operator : UM/IZ
 Sample : G4257-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6(0-2)

Quant Time: Nov 09 00:01:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

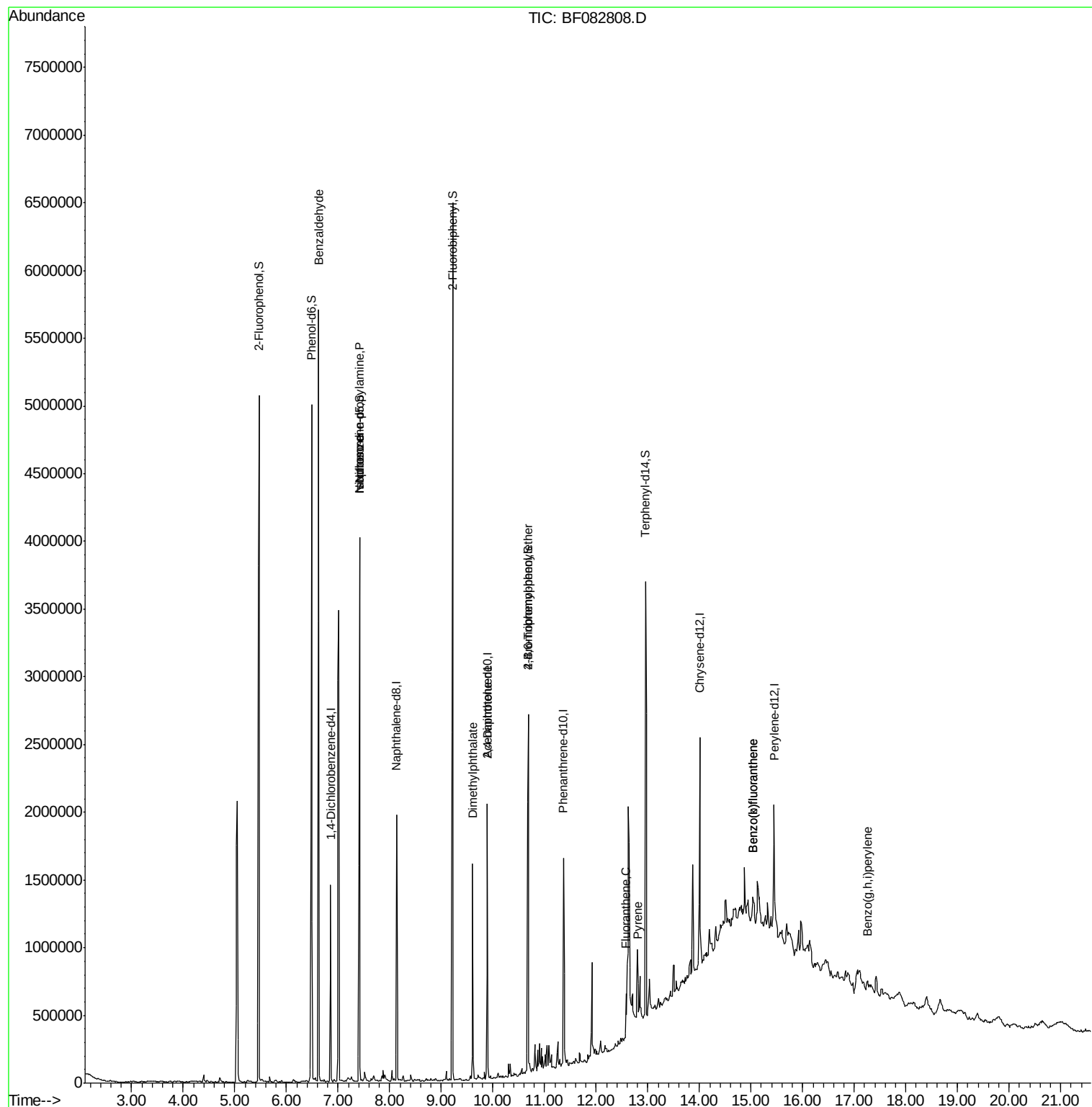
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	254974	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	865834	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	430860	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	628541	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	532290	20.00	ng	-0.01
86) Perylene-d12	15.45	264	476056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1766651	107.81	ng	0.02
7) Phenol-d6	6.49	99	1975099	90.66	ng	0.01
23) Nitrobenzene-d5	7.41	82	1428775	71.80	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	423134	85.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2078651	69.15	ng	0.00
78) Terphenyl-d14	12.96	244	1353344	60.30	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	46161	3.84	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	199318	12.45	ng	# 69
25) Isophorone	7.41	82	1384116	37.59	ng	# 70
49) Dimethylphthalate	9.61	163	574509	16.27	ng	100
56) 2,4-Dinitrotoluene	9.89	165	55040	5.39	ng	# 15
66) 4-Bromophenyl-phenylether	10.68	248	29556	3.91	ng	# 1
74) Fluoranthene	12.58	202	109091	2.79	ng	96
77) Pyrene	12.81	202	97253	2.66	ng	97
87) Benzo(b)fluoranthene	15.04	252	111276	3.64	ng	# 83
88) Benzo(k)fluoranthene	15.04	252	111276	4.11	ng	# 85
91) Benzo(g,h,i)perylene	17.25	276	53536	2.49	ng	# 90

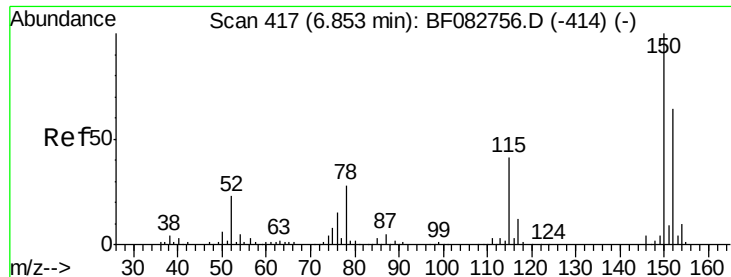
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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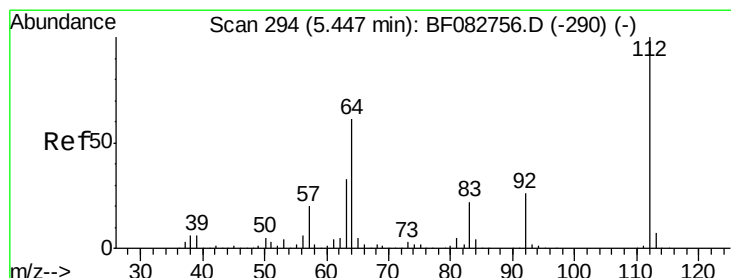
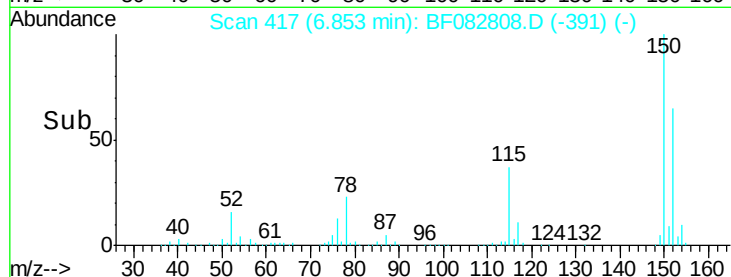
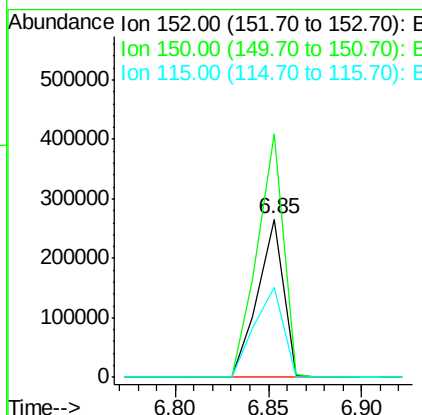
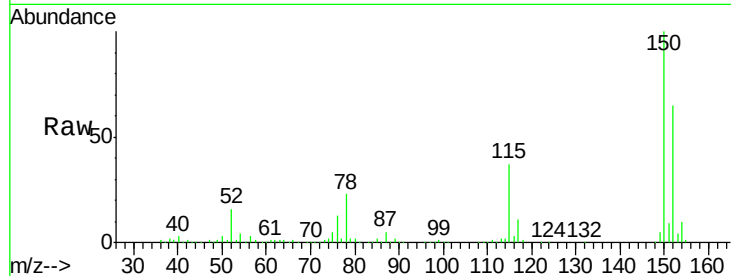




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082808.D
 Acq: 7 Nov 2015 14:01

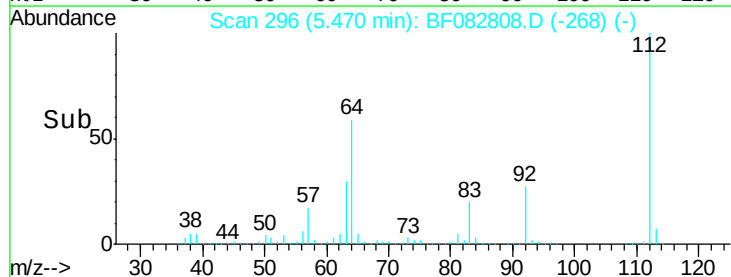
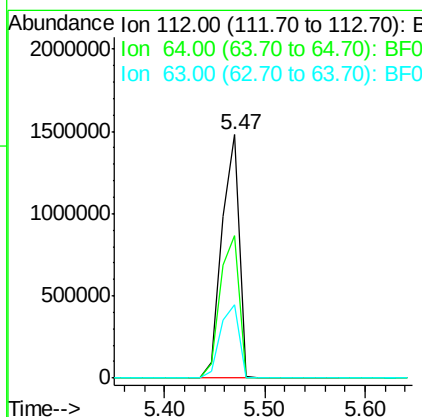
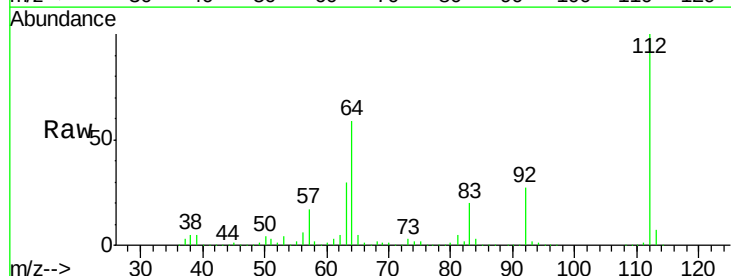
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6(0-2)

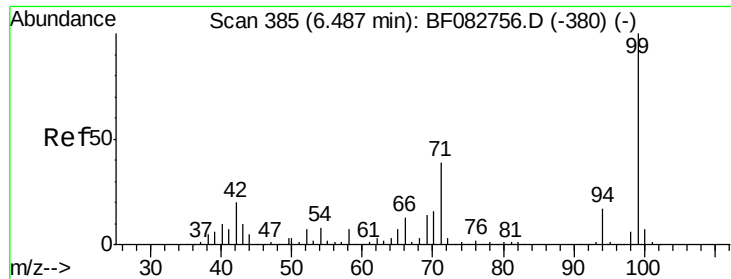
Tgt Ion:152 Resp: 254974
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.0 190.4
 115 56.8 47.0 70.6



#5
 2-Fluorophenol
 Concen: 107.81 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF082808.D
 Acq: 7 Nov 2015 14:01

Tgt Ion:112 Resp: 1766651
 Ion Ratio Lower Upper
 112 100
 64 58.8 48.9 73.3
 63 30.3 28.1 42.1





#7

Phenol-d6

Concen: 90.66 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

Instrument :

BNA_F

ClientSampleId :

WABUT-6(0-2)

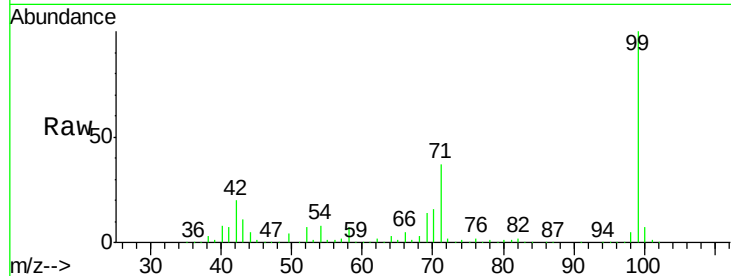
Tgt Ion: 99 Resp: 1975099

Ion Ratio Lower Upper

99 100

42 19.8 19.2 28.8

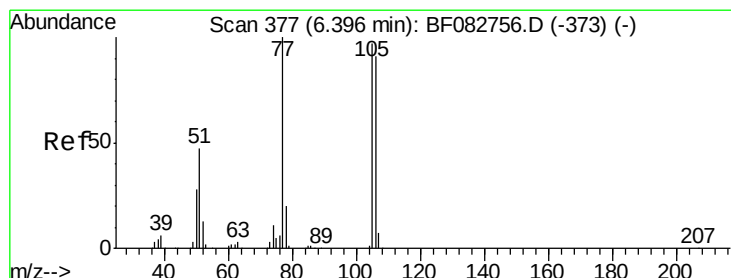
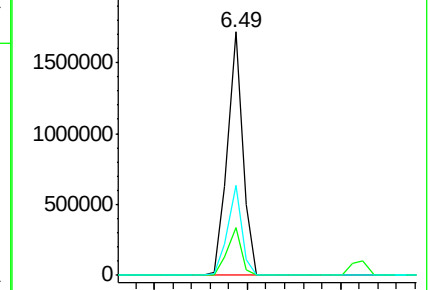
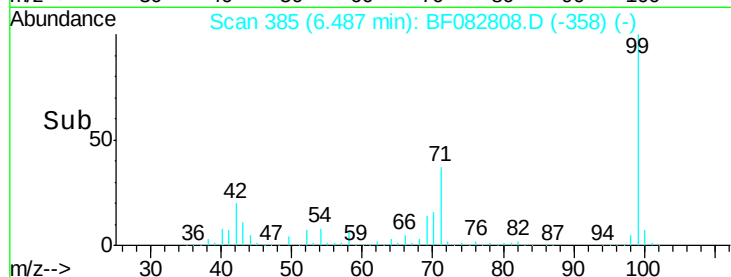
71 37.1 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.84 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

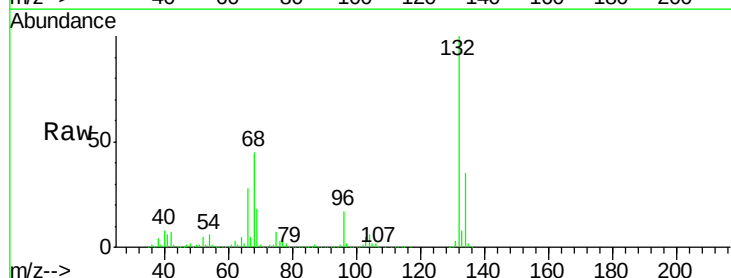
Tgt Ion: 77 Resp: 46161

Ion Ratio Lower Upper

77 100

105 77.4 63.5 103.5

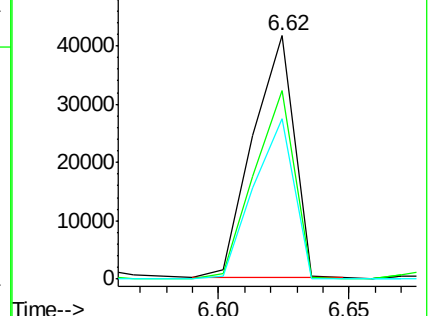
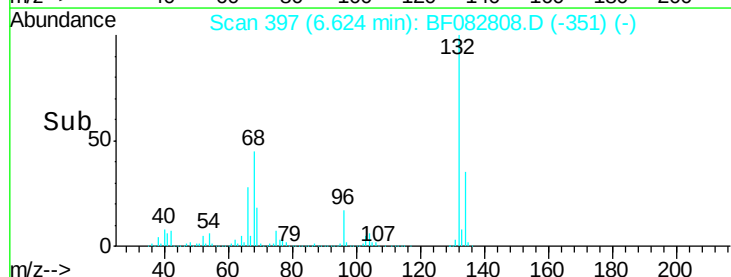
106 65.7 59.3 99.3

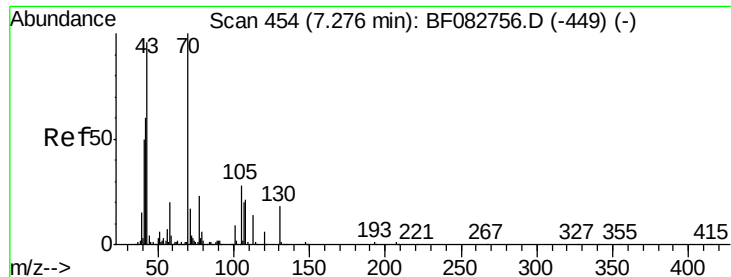


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

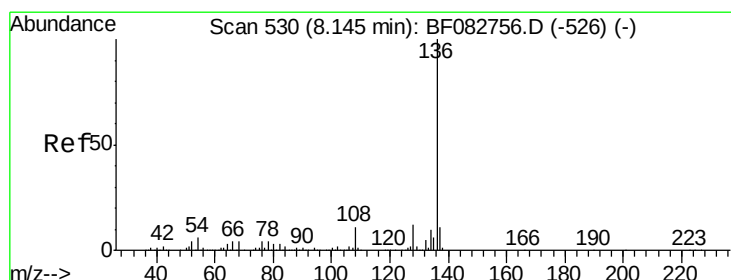
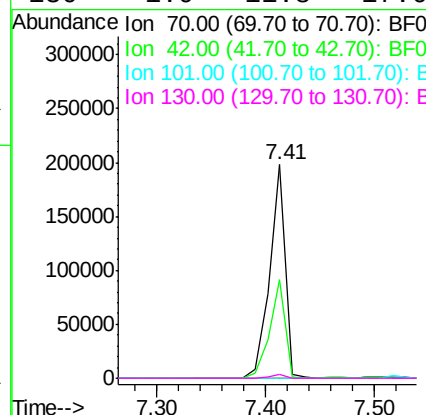
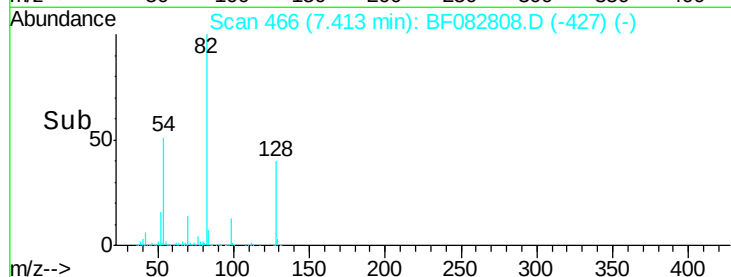
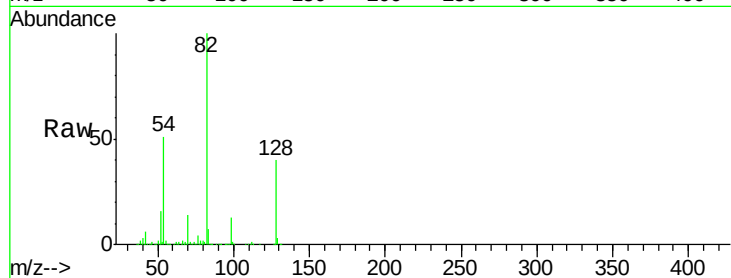




#19
n-Nitroso-di-n-propylamine
Concen: 12.45 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082808.D
Acq: 7 Nov 2015 14:01

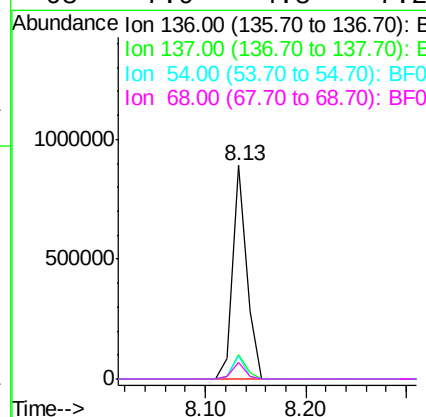
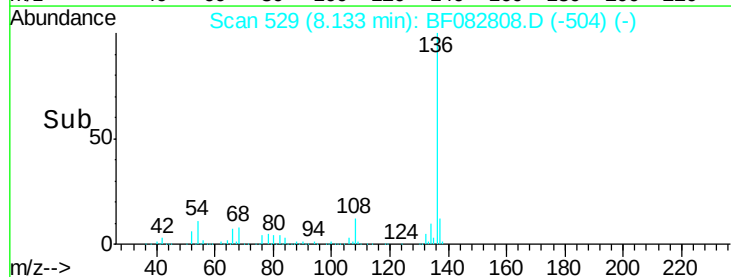
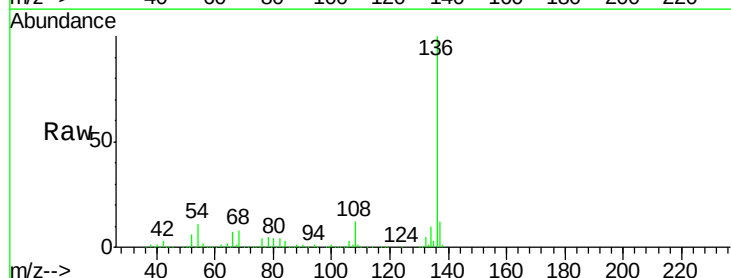
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WABUT-6(0-2)

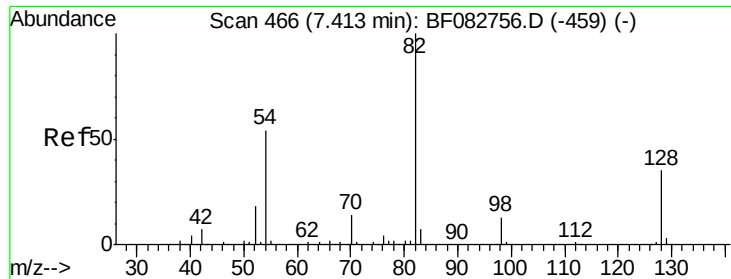
Tgt Ion:	70	Resp:	199318
Ion	Ratio	Lower	Upper
70	100		
42	45.9	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082808.D
Acq: 7 Nov 2015 14:01

Tgt Ion:	136	Resp:	865834
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.8	9.1	13.7
68	7.9	4.8	7.2#

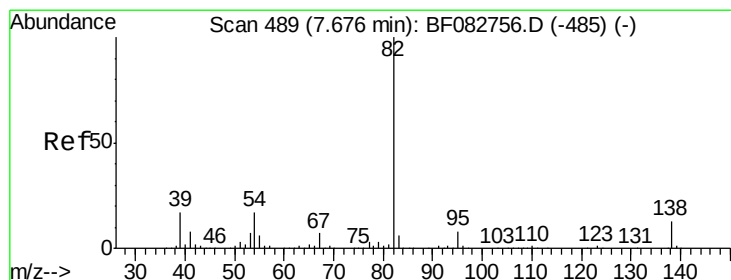
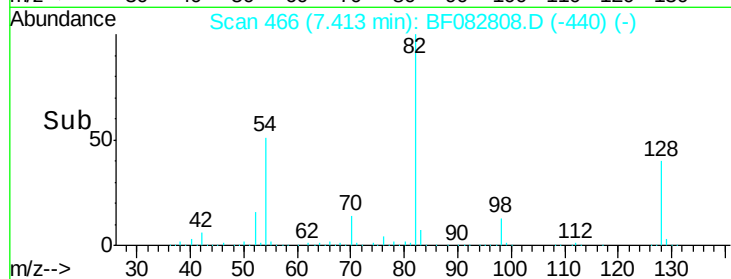
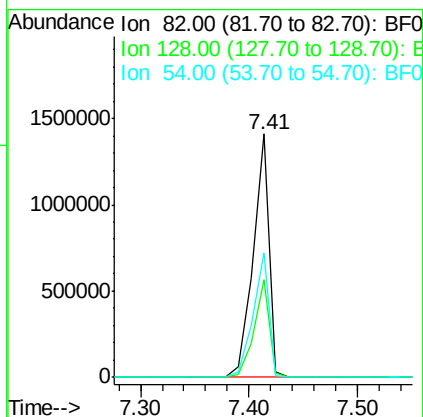
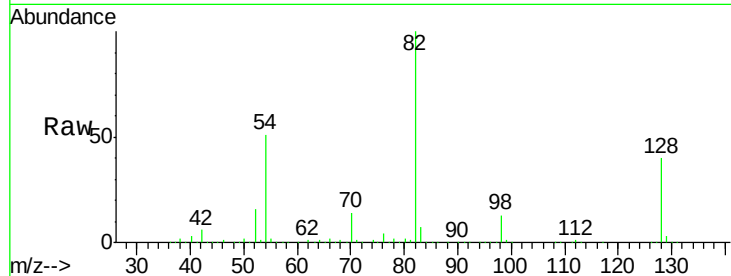




#23
 Nitrobenzene-d5
 Concen: 71.80 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082808.D
 Acq: 7 Nov 2015 14:01

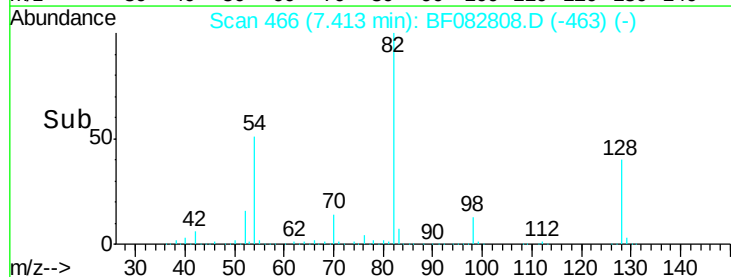
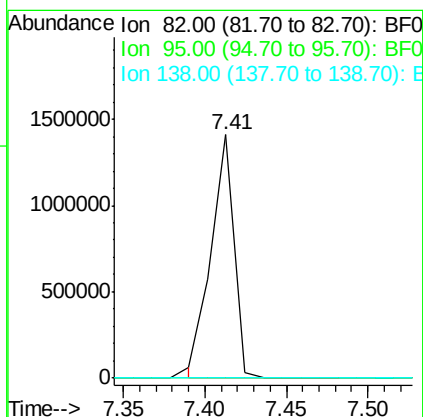
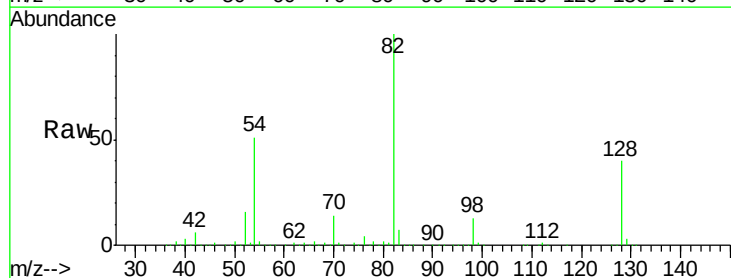
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 ClientSampleId :
 WABUT-6(0-2)

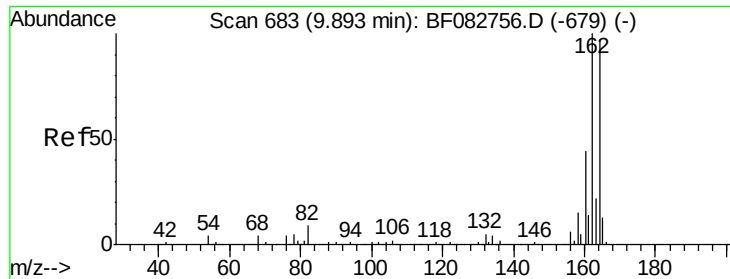
Tgt Ion: 82 Resp: 1428775
 Ion Ratio Lower Upper
 82 100
 128 39.9 26.8 40.2
 54 51.4 45.7 68.5



#25
 Isophorone
 Concen: 37.59 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082808.D
 Acq: 7 Nov 2015 14:01

Tgt Ion: 82 Resp: 1384116
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

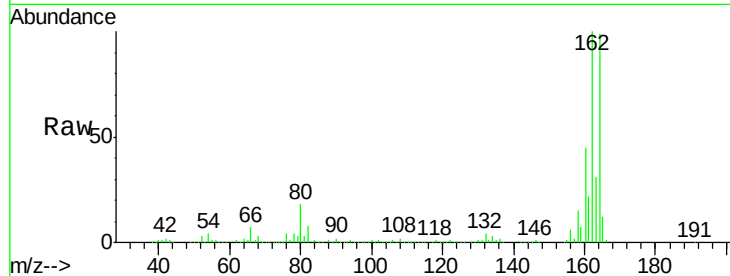




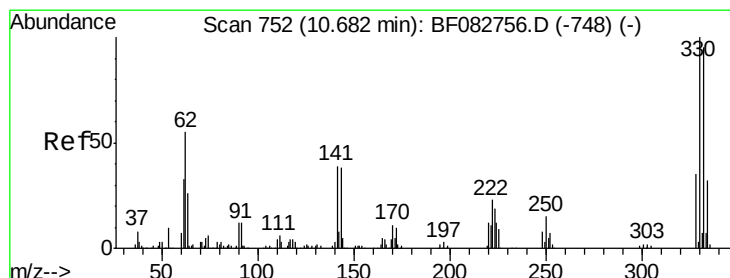
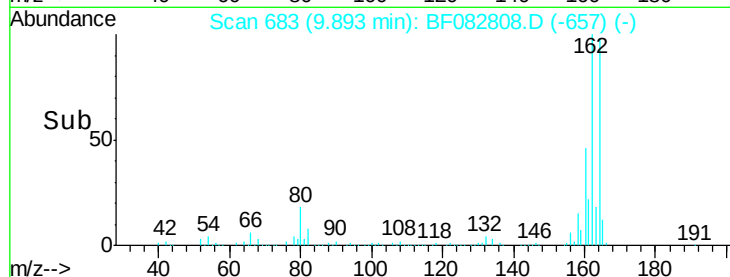
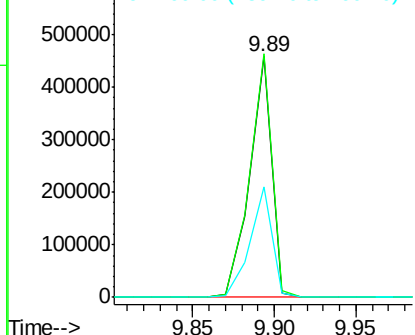
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082808.D
 Acq: 7 Nov 2015 14:01

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6(0-2)

Tgt Ion:164 Resp: 430860
 Ion Ratio Lower Upper
 164 100
 162 101.1 84.9 127.3
 160 46.0 37.5 56.3

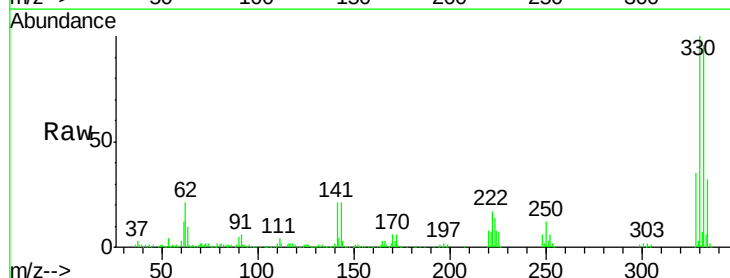


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

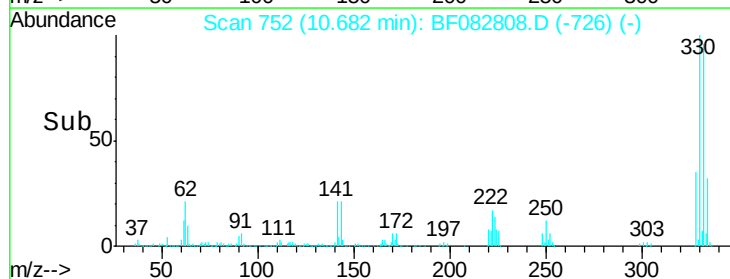
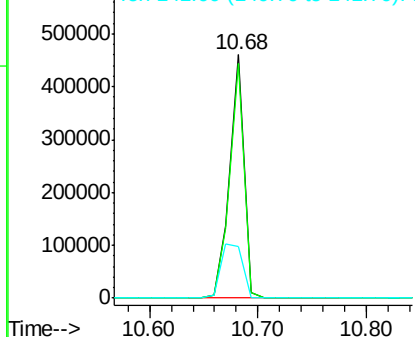


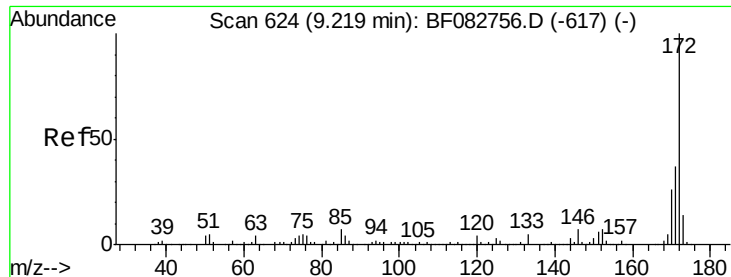
#41
 2,4,6-Tribromophenol
 Concen: 85.65 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082808.D
 Acq: 7 Nov 2015 14:01

Tgt Ion:330 Resp: 423134
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 34.1 41.2 61.8#



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

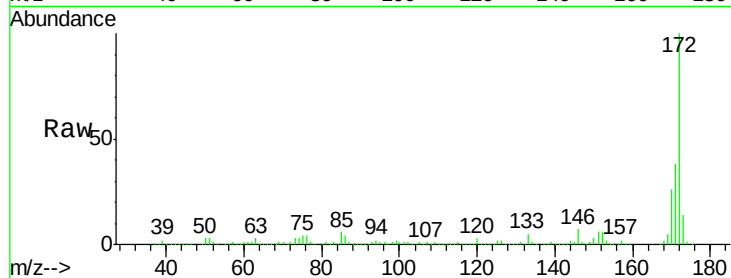




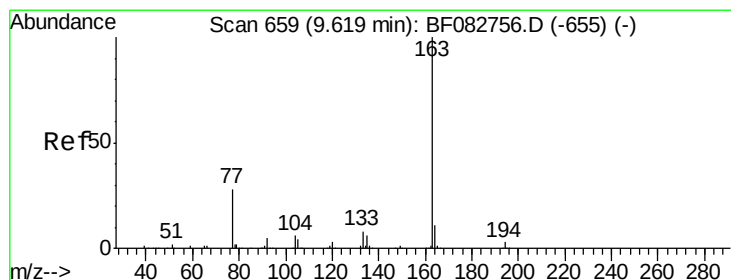
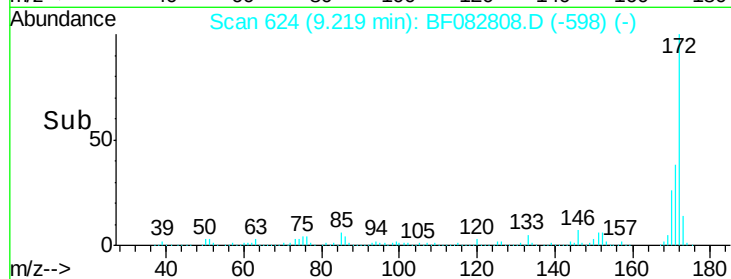
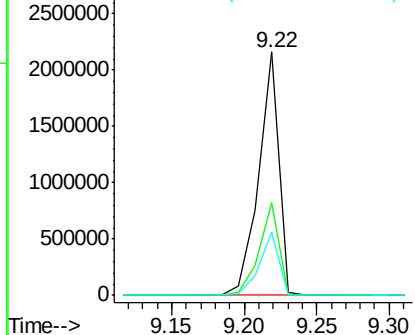
#44
 2-Fluorobiphenyl
 Concen: 69.15 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082808.D
 Acq: 7 Nov 2015 14:01

Instrument :
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 WABUT-6(0-2)

Tgt Ion:172 Resp: 2078651
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 26.0 21.2 31.8

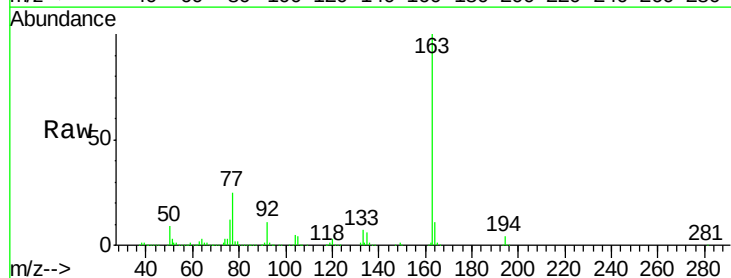


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

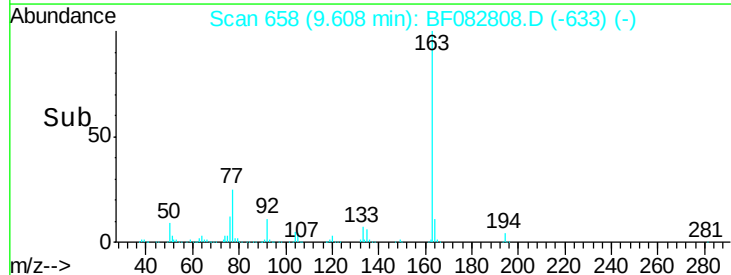
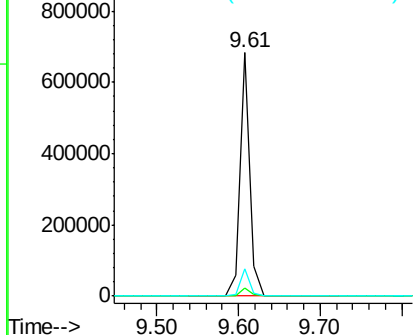


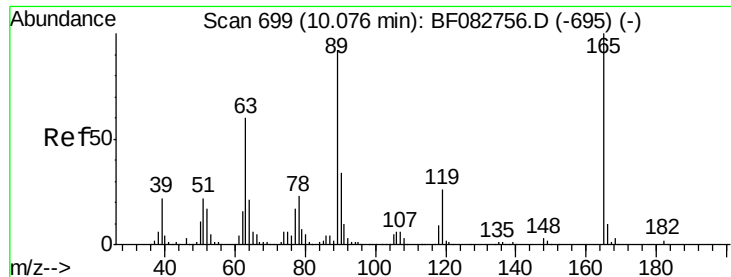
#49
 Dimethylphthalate
 Concen: 16.27 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082808.D
 Acq: 7 Nov 2015 14:01

Tgt Ion:163 Resp: 574509
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 11.0 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

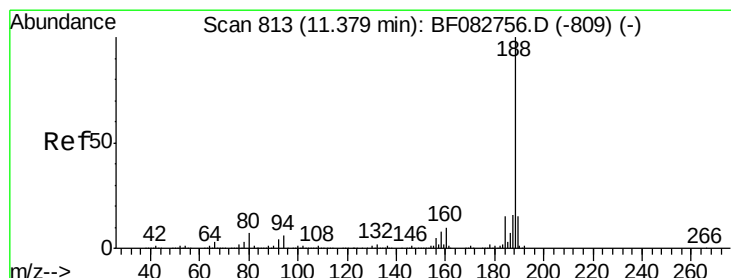
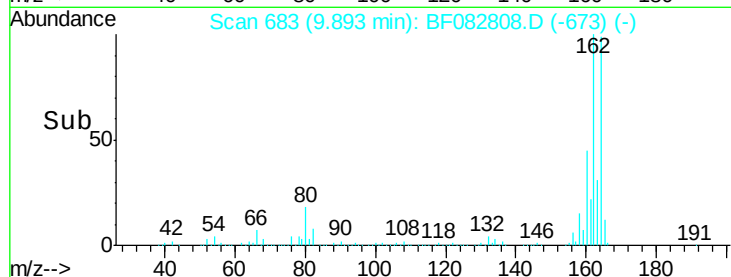
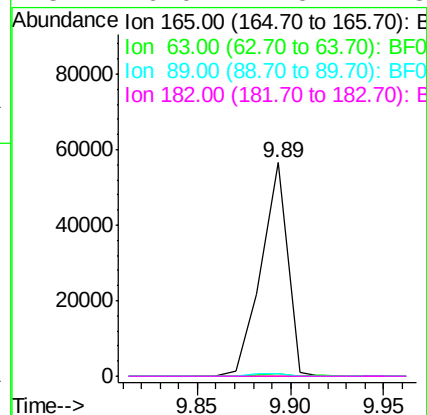
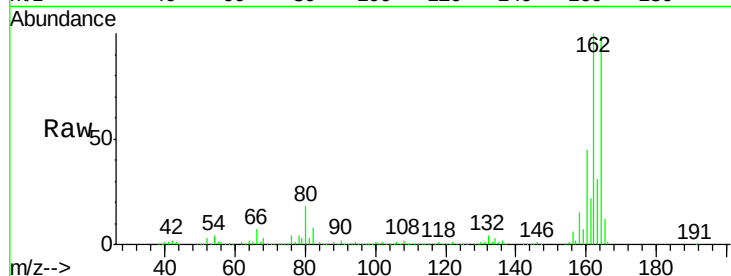




#56
2,4-Dinitrotoluene
Concen: 5.39 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.18 min
Lab File: BF082808.D
Acq: 7 Nov 2015 14:01

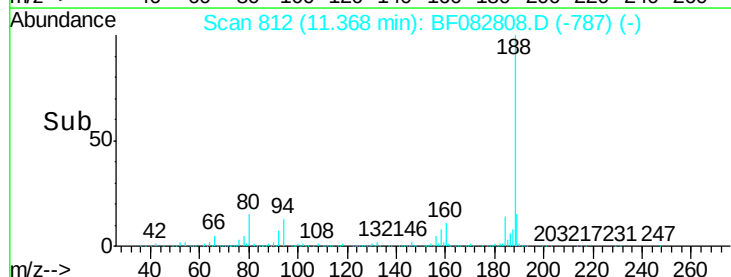
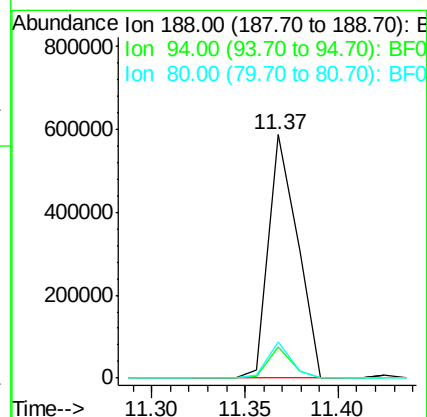
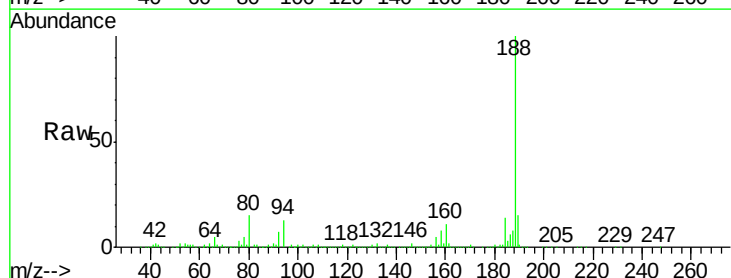
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WABUT-6(0-2)

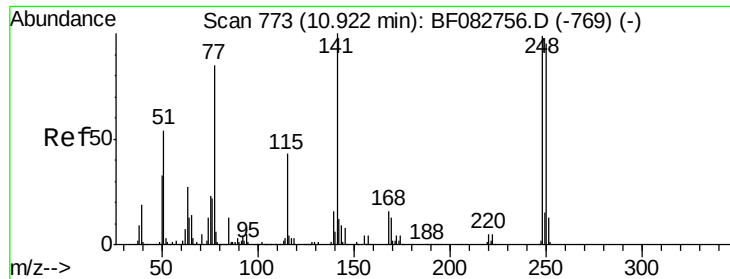
Tgt Ion:165 Resp: 55040
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.0#
89 1.3 70.6 106.0#
182 0.0 1.5 2.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082808.D
Acq: 7 Nov 2015 14:01

Tgt Ion:188 Resp: 628541
Ion Ratio Lower Upper
188 100
94 12.7 6.1 9.1#
80 14.7 7.0 10.6#

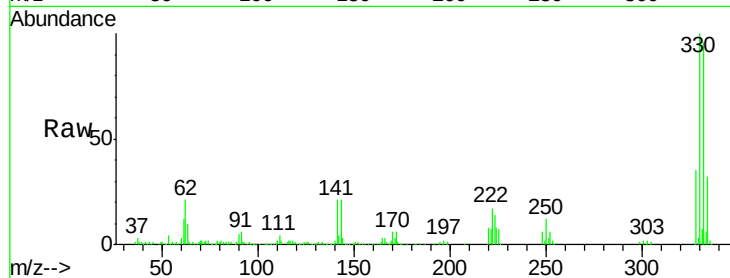




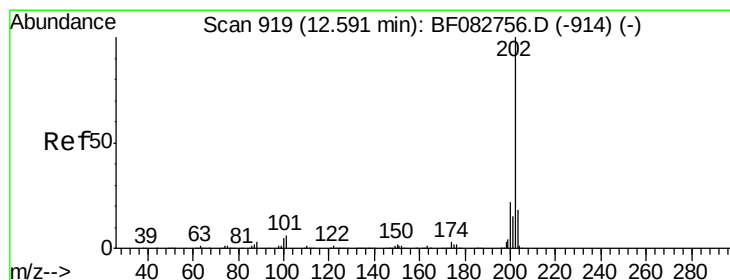
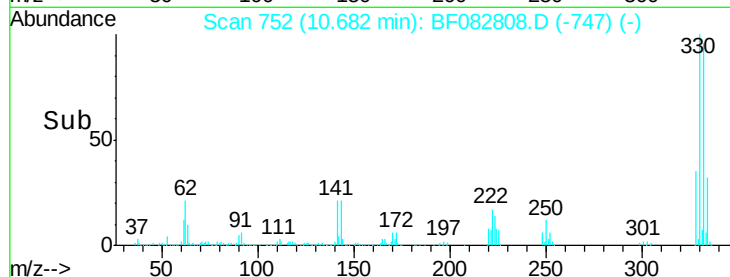
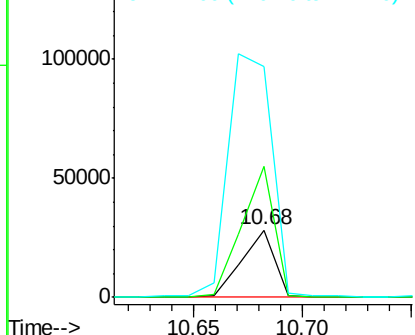
#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF082808.D
Acq: 7 Nov 2015 14:01

Instrument :
BNA_F
ClientSampleId :
WABUT-6(0-2)

Tgt Ion:248 Resp: 29556
Ion Ratio Lower Upper
248 100
250 195.3 79.4 119.2#
141 343.8 36.3 54.5#

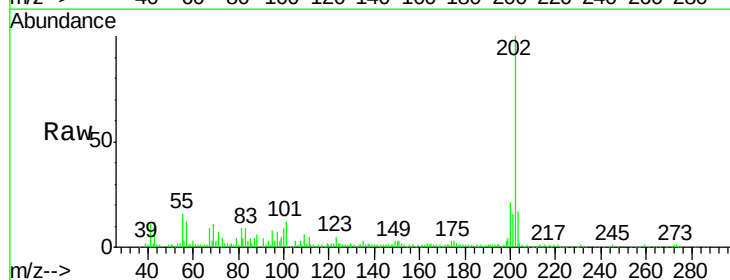


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

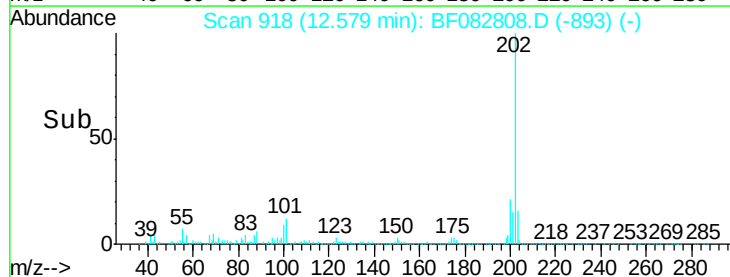
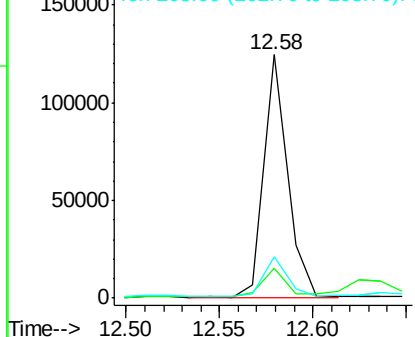


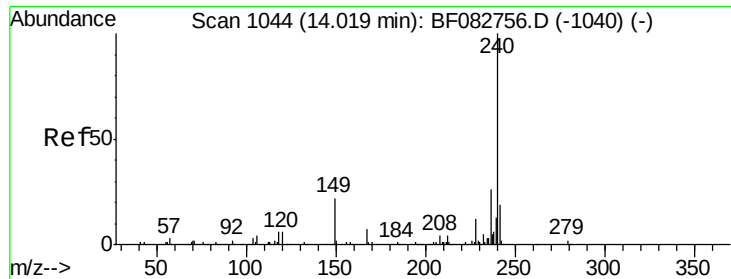
#74
Fluoranthene
Concen: 2.79 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF082808.D
Acq: 7 Nov 2015 14:01

Tgt Ion:202 Resp: 109091
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.5
203 16.9 0.0 38.5



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

Instrument :

BNA_F

ClientSampleId :

WABUT-6(0-2)

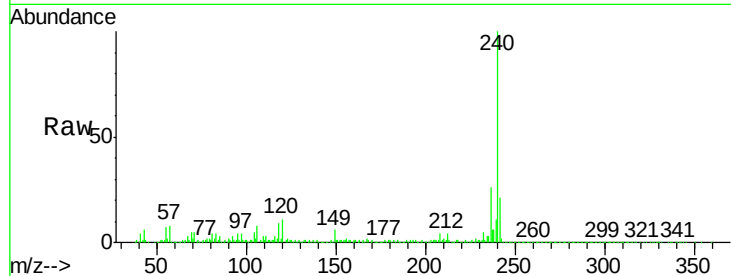
Tgt Ion:240 Resp: 532290

Ion Ratio Lower Upper

240 100

120 11.1 10.9 16.3

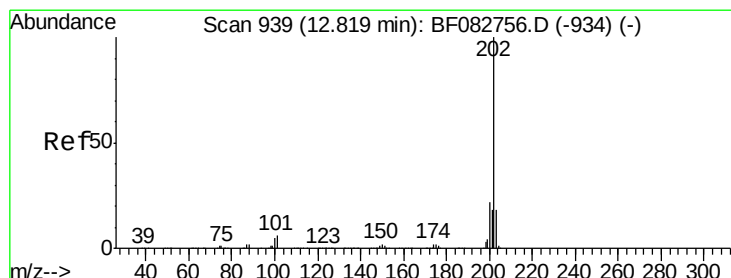
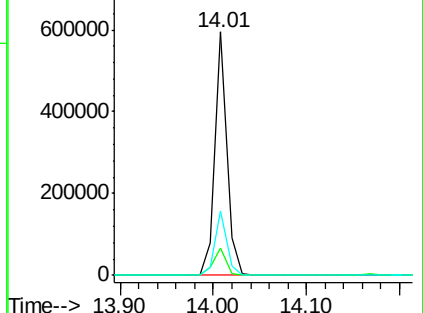
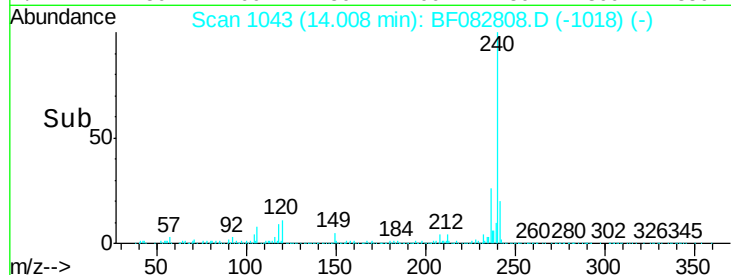
236 26.3 21.6 32.4



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: 2.66 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

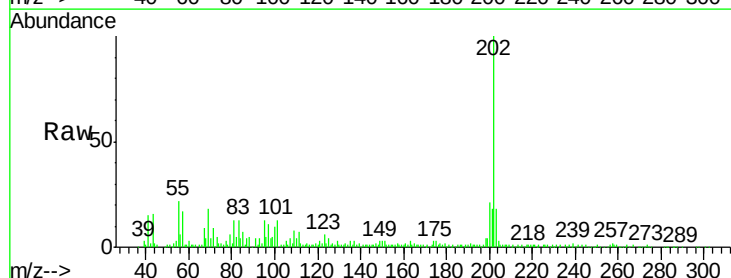
Tgt Ion:202 Resp: 97253

Ion Ratio Lower Upper

202 100

200 21.2 18.7 28.1

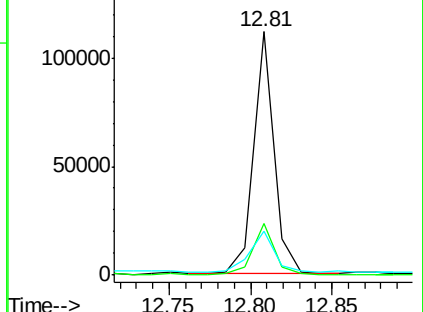
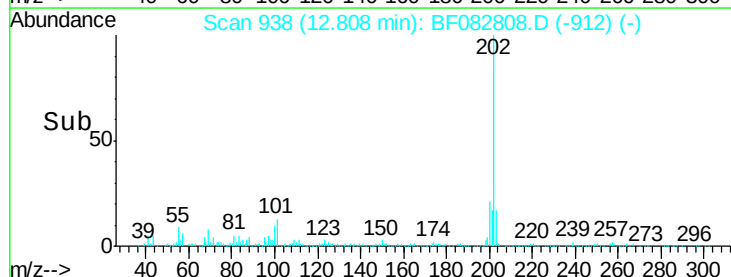
203 18.3 14.8 22.2

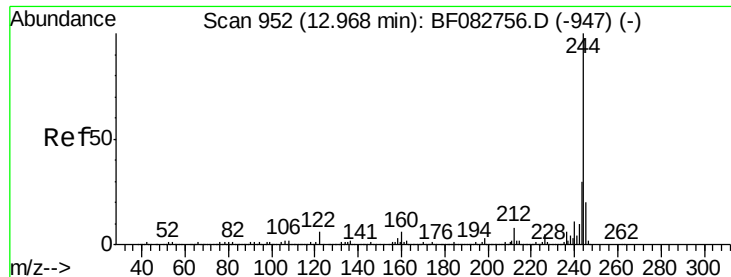


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.30 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

Instrument :

BNA_F

ClientSampleId :

WABUT-6(0-2)

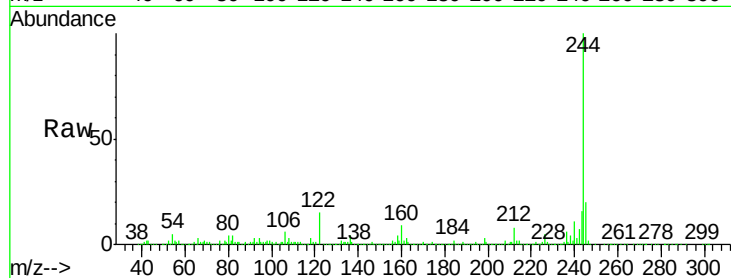
Tgt Ion:244 Resp: 1353344

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

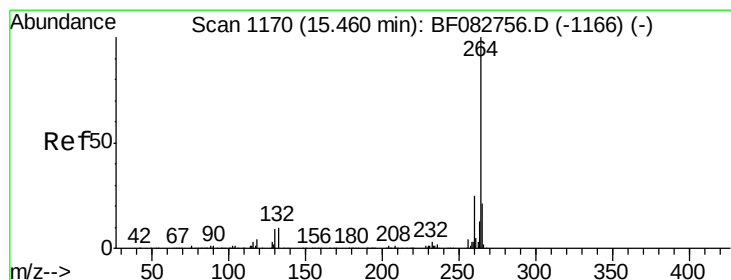
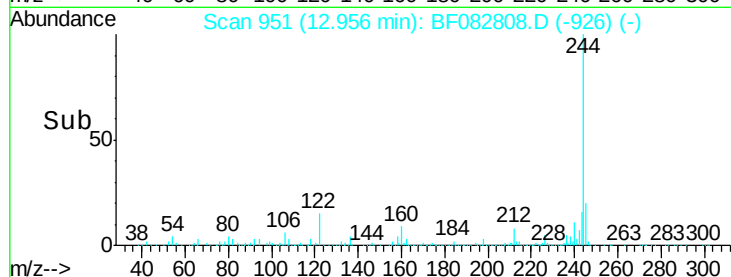
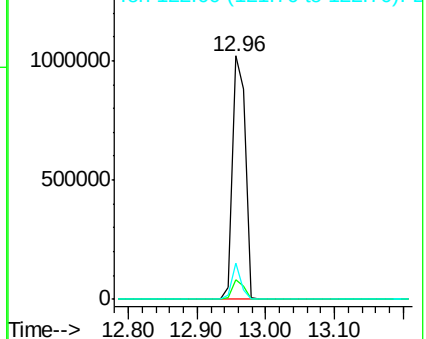
122 14.7 11.3 16.9



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

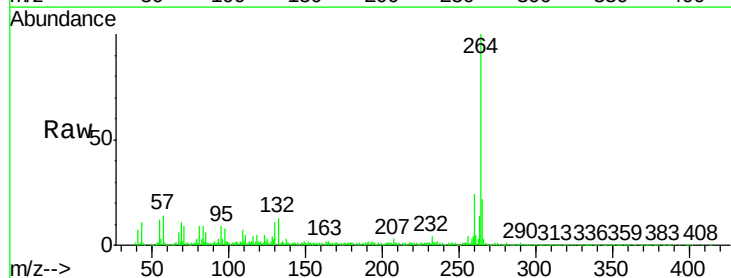
Tgt Ion:264 Resp: 476056

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

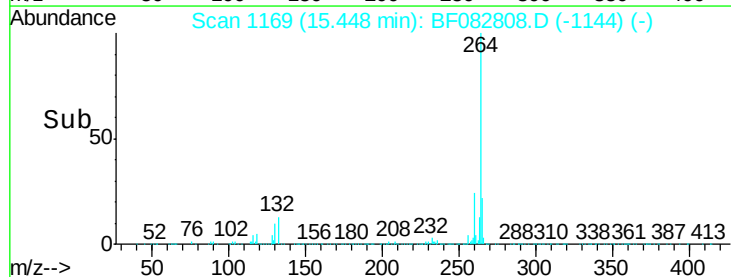
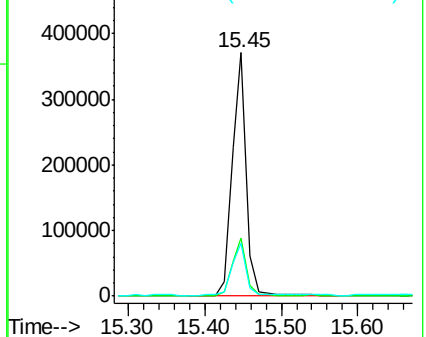
265 21.9 17.4 26.0

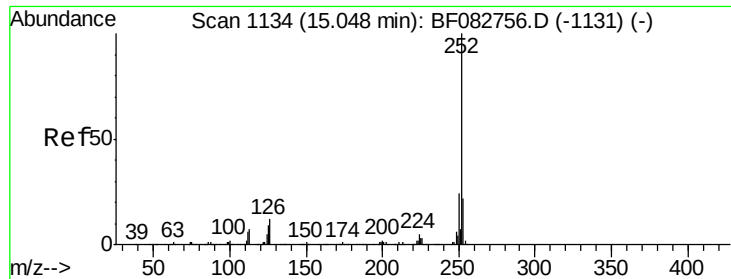


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.64 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

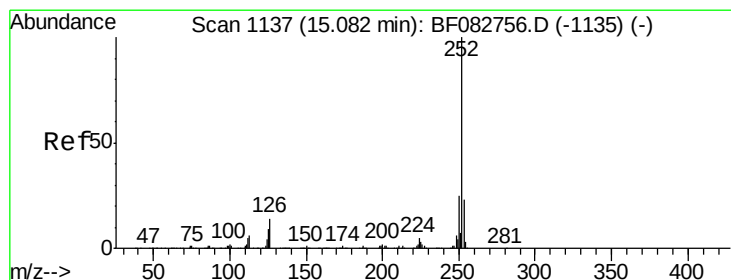
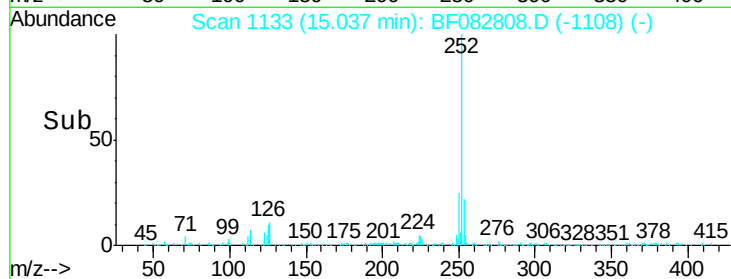
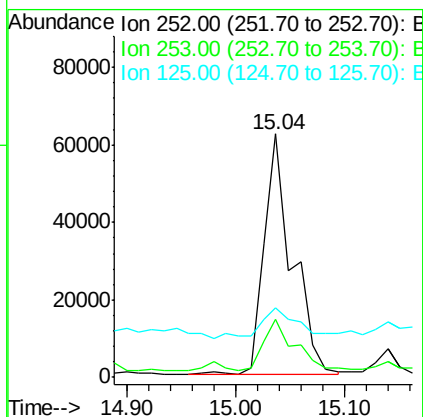
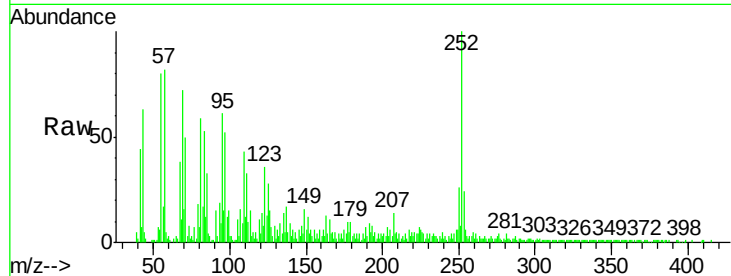
Instrument :

BNA_F

ClientSampleId :

WABUT-6(0-2)

Tgt Ion:	252	Resp:	111276
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.8
125	28.5	5.4	8.2#



#88

Benzo(k)fluoranthene

Concen: 4.11 ng

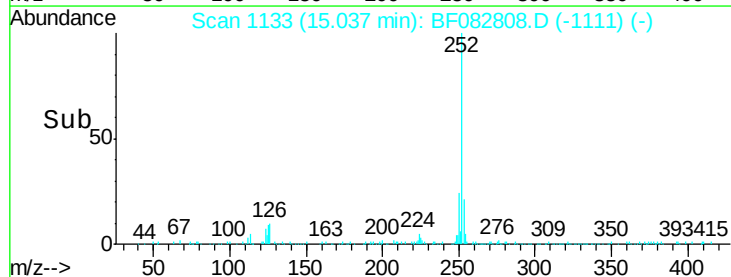
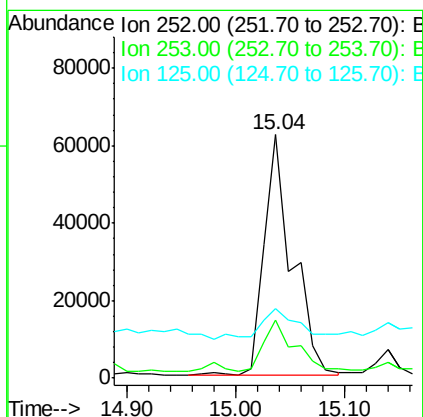
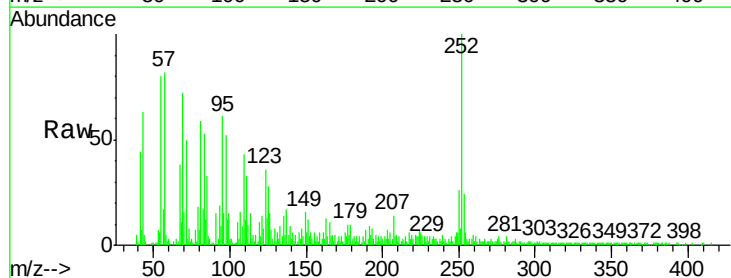
RT: 15.04 min Scan# 1133

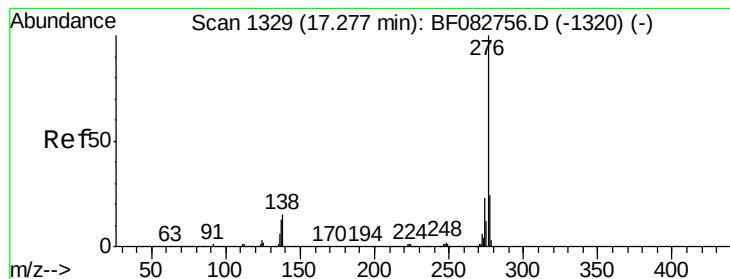
Delta R.T. -0.05 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

Tgt Ion:	252	Resp:	111276
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.9	26.9
125	28.5	3.5	5.3#





#91

Benzo(g,h,i)perylene

Concen: 2.49 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF082808.D

Acq: 7 Nov 2015 14:01

Instrument :

BNA_F

ClientSampleId :

WABUT-6(0-2)

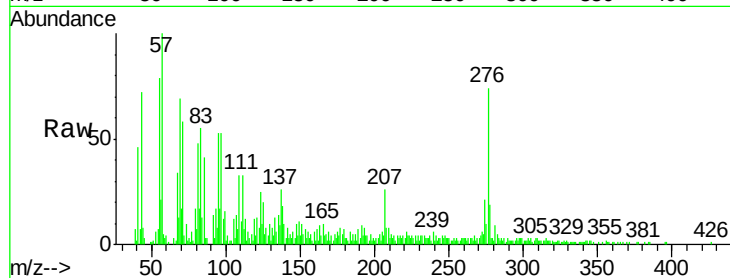
Tgt Ion: 276 Resp: 53536

Ion Ratio Lower Upper

276 100

277 26.1 19.2 28.8

138 24.3 13.1 19.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

