

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081566.D
 Acq On : 9 Sep 2015 22:19
 Operator : UM/IZ
 Sample : G3540-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1508043488THRU-1508043493-CO

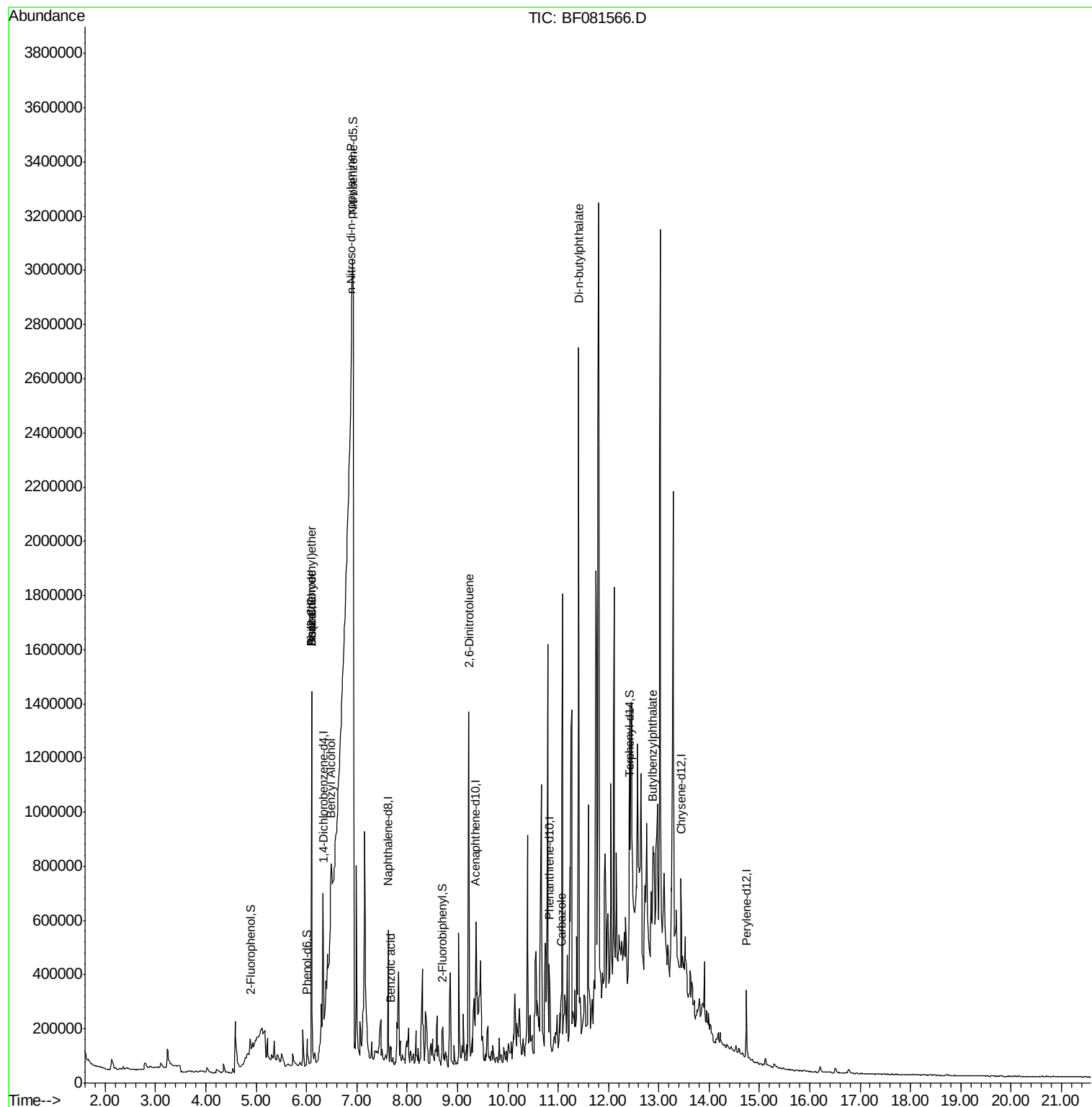
Quant Time: Sep 10 04:46:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

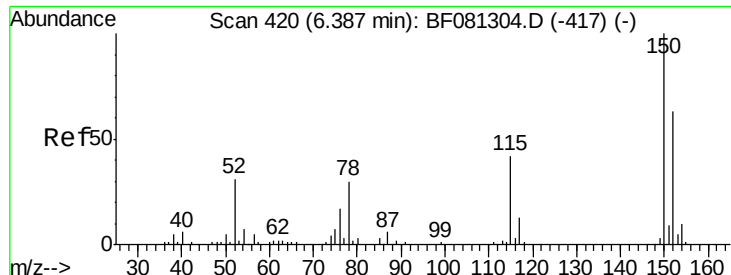
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	49739	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	181915	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	75369	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	147747	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	100864	20.00	ng	0.00
86) Perylene-d12	14.74	264	92264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	13984	4.36	ng	0.01
7) Phenol-d6	6.01	99	26397	6.22	ng	0.00
23) Nitrobenzene-d5	6.91	82	31911	8.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	682	1.02	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	30802	5.24	ng	0.00
78) Terphenyl-d14	12.41	244	24517	5.66	ng	0.00
Target Compounds						
6) Aniline	6.10	93	199533	33.30	ng	# 59
9) Benzaldehyde	6.10	77	37543	14.12	ng	# 1
10) Phenol	6.10	94	21251	4.32	ng	# 9
11) bis(2-Chloroethyl)ether	6.10	93	199533	56.20	ng	# 19
15) Benzyl Alcohol	6.49	79	11370	3.27	ng	# 25
19) n-Nitroso-di-n-propylamine	6.89	70	405005	140.23	ng	# 8
32) Benzoic acid	7.68	122	210	2.64	ng	# 1
50) 2,6-Dinitrotoluene	9.22	165	2922	2.20	ng	# 1
72) Carbazole	11.06	167	21847	2.76	ng	# 73
73) Di-n-butylphthalate	11.41	149	39930	4.27	ng	# 86
79) Butylbenzylphthalate	12.88	149	10918	3.36	ng	# 1

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

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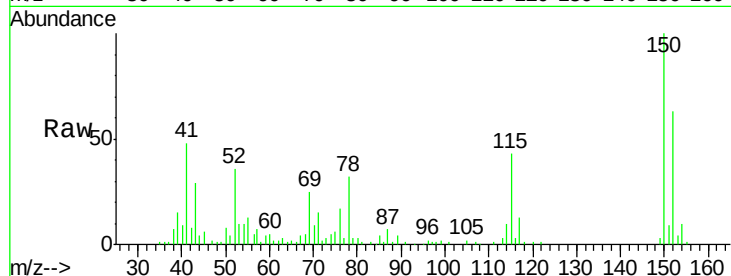


#1

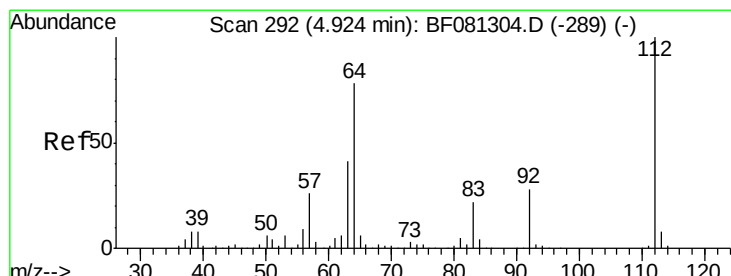
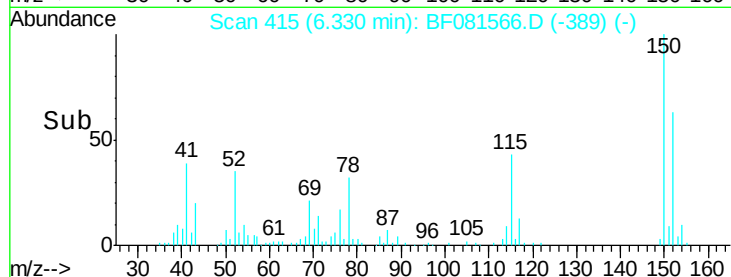
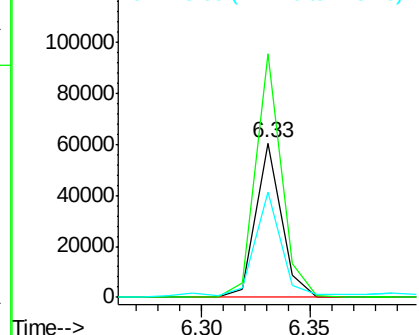
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
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BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 49739
Ion Ratio Lower Upper
152 100
150 157.9 124.7 187.1
115 68.2 39.0 58.4#



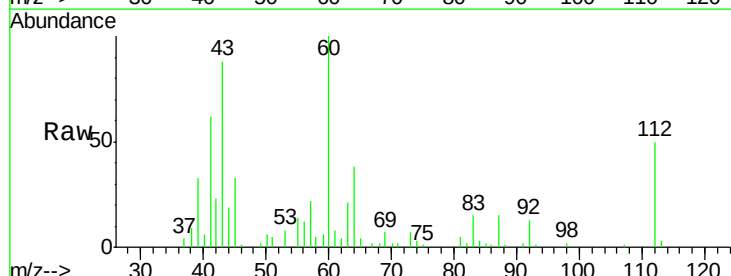
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



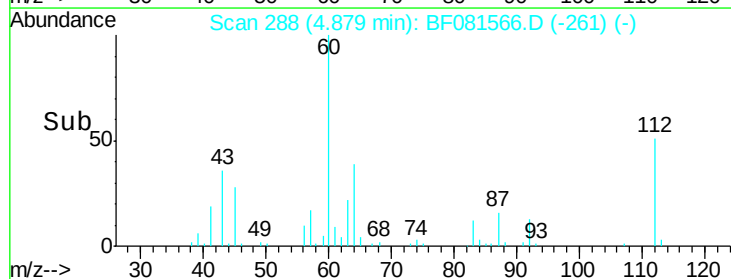
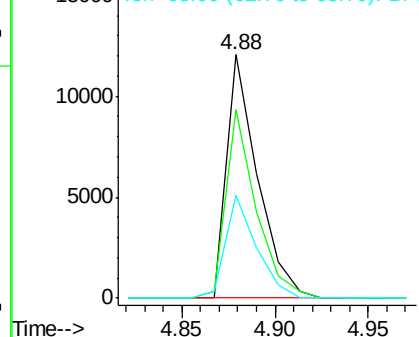
#5

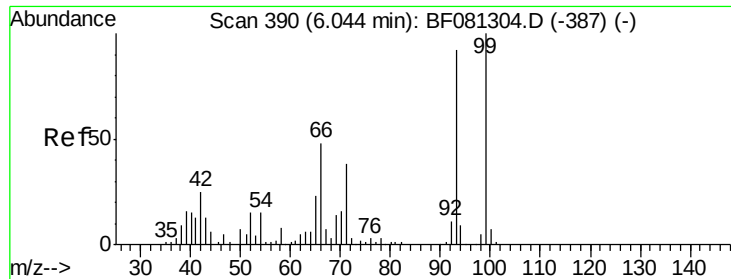
2-Fluorophenol
Concen: 4.36 ng
RT: 4.88 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Tgt Ion:112 Resp: 13984
Ion Ratio Lower Upper
112 100
64 77.2 39.7 59.5#
63 42.4 17.4 26.0#



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





#6

Aniline

Concen: 33.30 ng

RT: 6.10 min Scan# 395

Delta R.T. 0.10 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

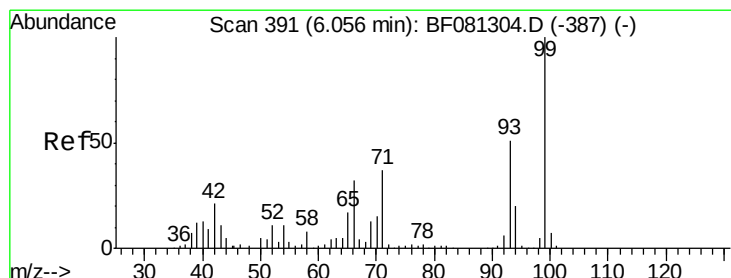
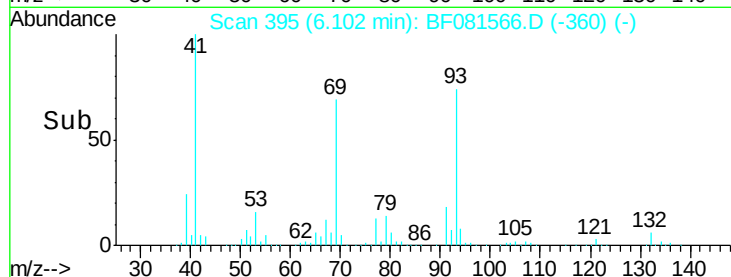
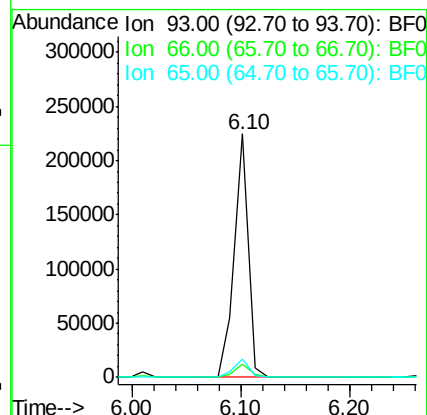
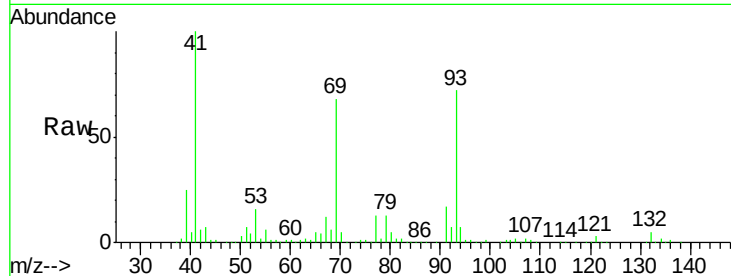
Tot Ion: 93 Resp: 199533

Ion Ratio Lower Upper

93 100

66 5.5 27.2 40.8#

65 7.5 14.7 22.1#



#7

Phenol-d6

Concen: 6.22 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

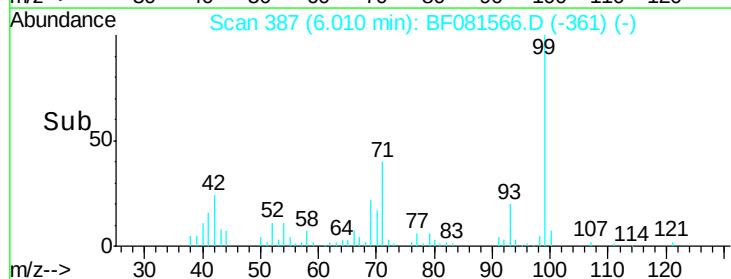
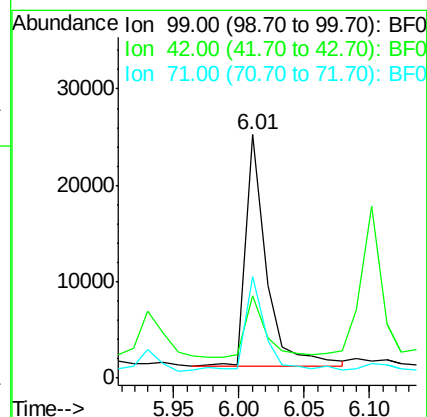
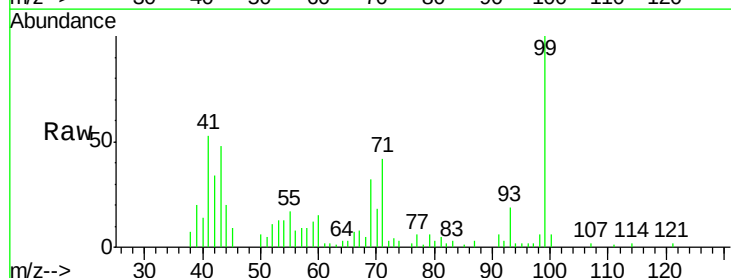
Tgt Ion: 99 Resp: 26397

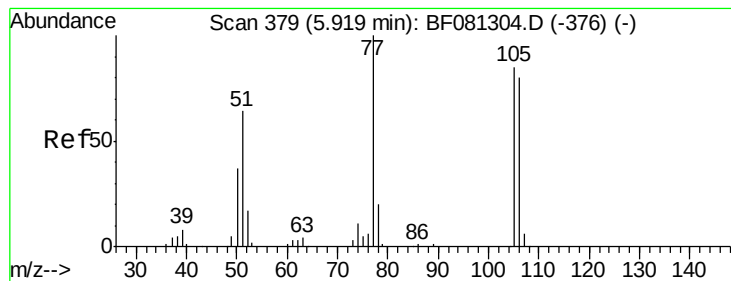
Ion Ratio Lower Upper

99 100

42 33.7 13.7 20.5#

71 41.6 14.2 21.2#





#9

Benzaldehyde

Concen: 14.12 ng

RT: 6.10 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

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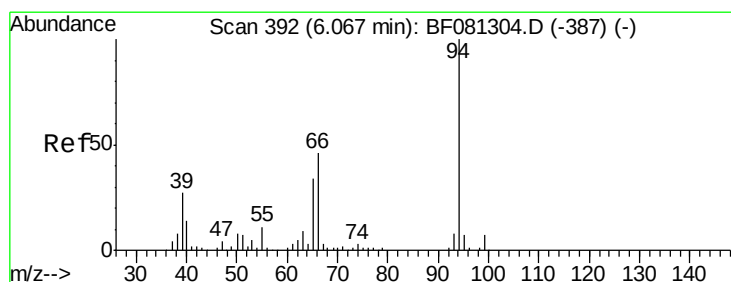
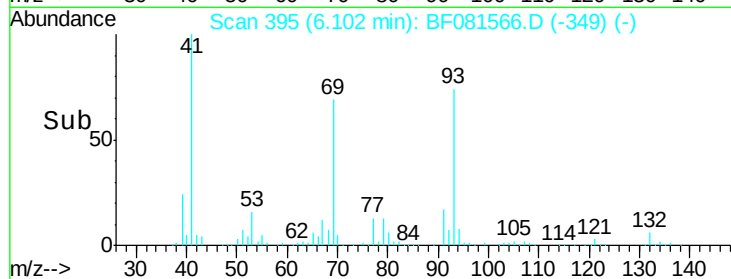
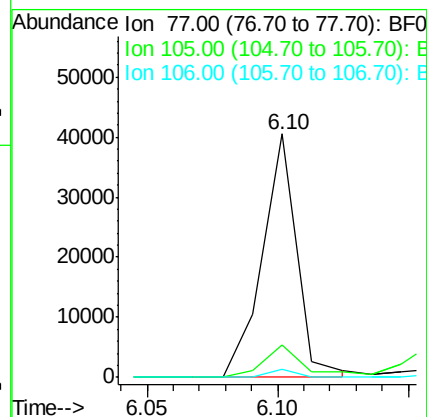
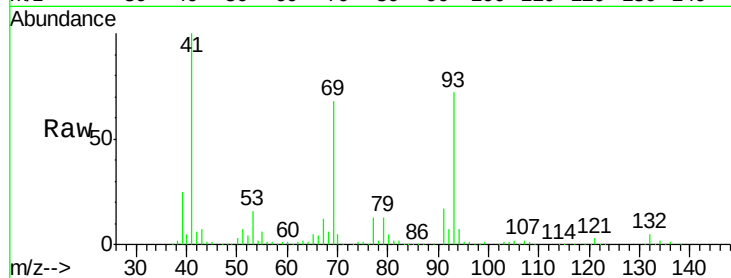
Tot Ion: 77 Resp: 37543

Ion Ratio Lower Upper

77 100

105 13.1 91.6 131.6#

106 3.4 102.6 142.6#



#10

Phenol

Concen: 4.32 ng

RT: 6.10 min Scan# 395

Delta R.T. 0.08 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

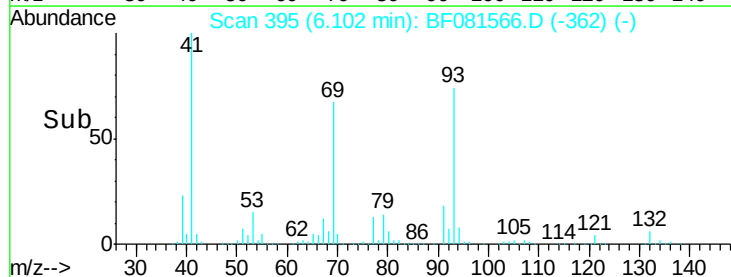
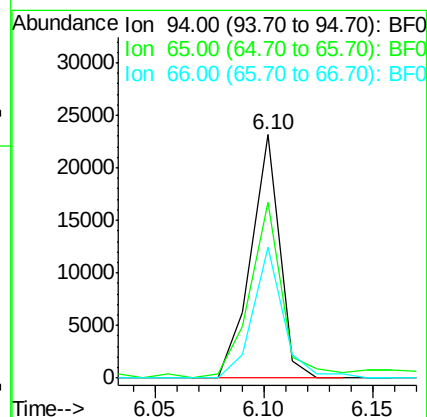
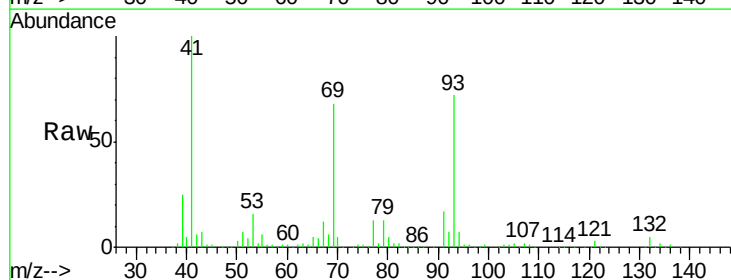
Tgt Ion: 94 Resp: 21251

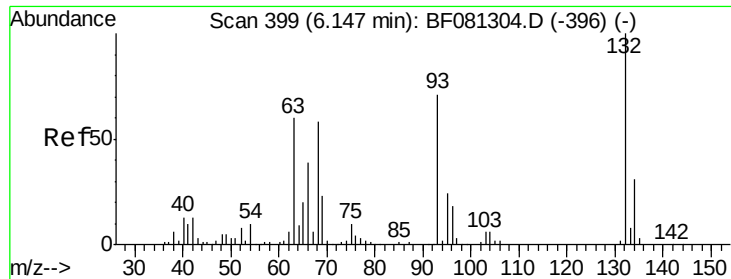
Ion Ratio Lower Upper

94 100

65 72.4 0.7 40.7#

66 53.8 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 56.20 ng

RT: 6.10 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

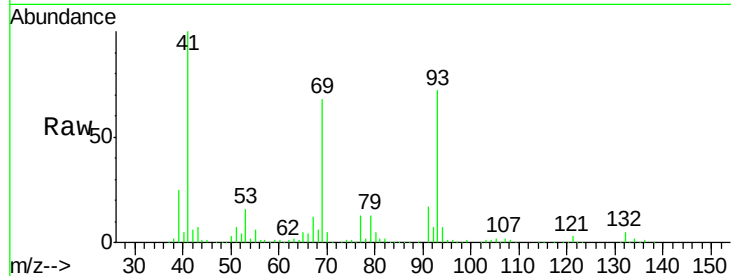
Tot Ion: 93 Resp: 199533

Ion Ratio Lower Upper

93 100

63 2.7 65.6 105.6#

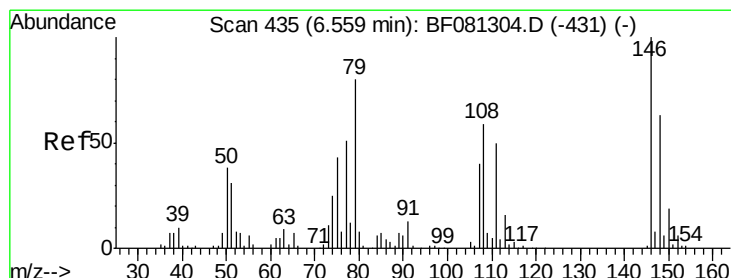
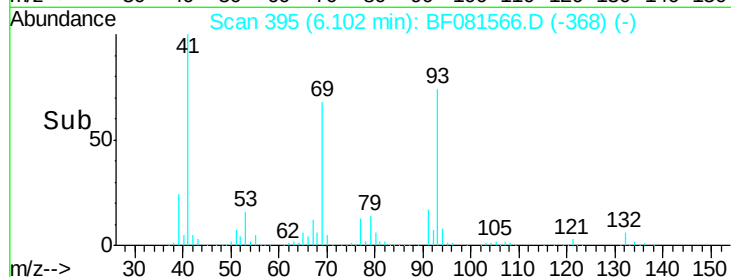
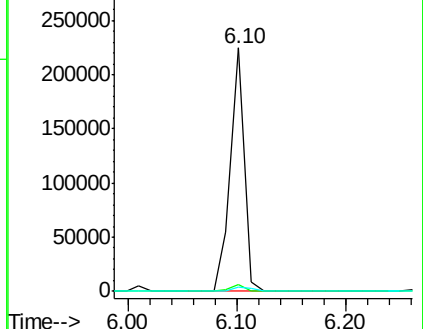
95 1.7 13.6 53.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 3.27 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

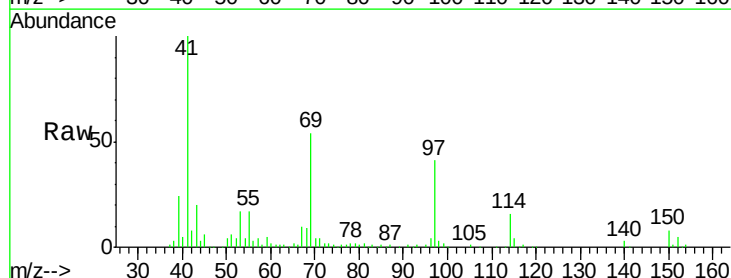
Tgt Ion: 79 Resp: 11370

Ion Ratio Lower Upper

79 100

108 0.0 88.6 132.8#

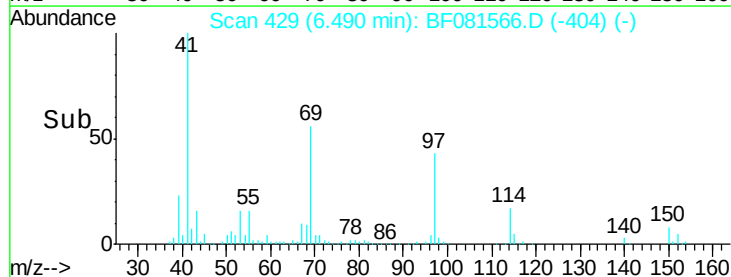
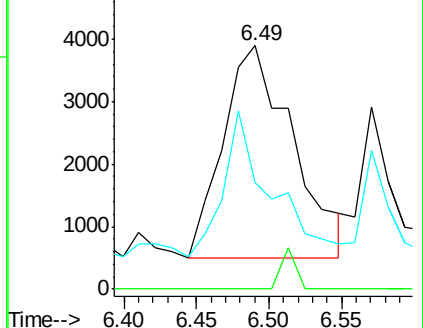
77 43.6 47.0 70.4#

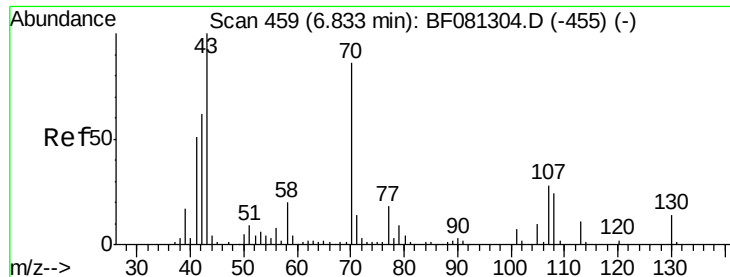


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

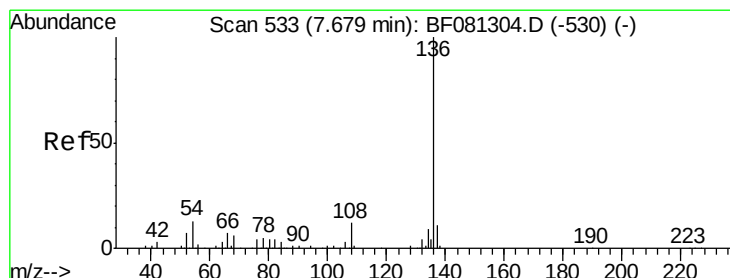
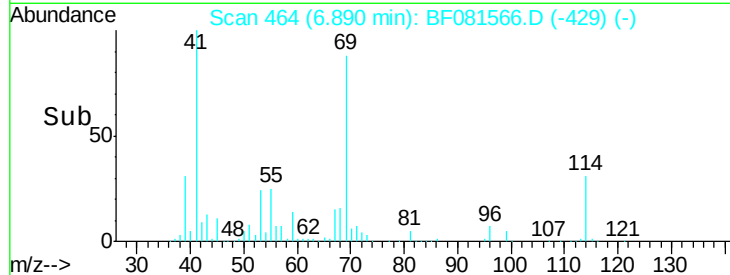
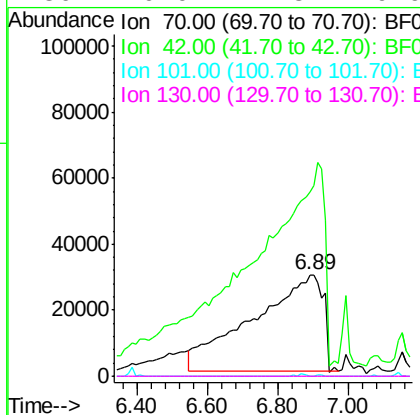
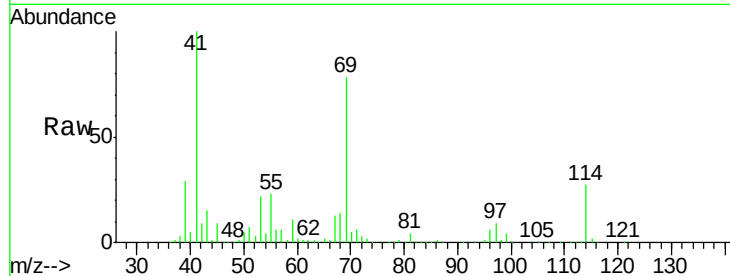




#19
n-Nitroso-di-n-propylamine
Concen: 140.23 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.10 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

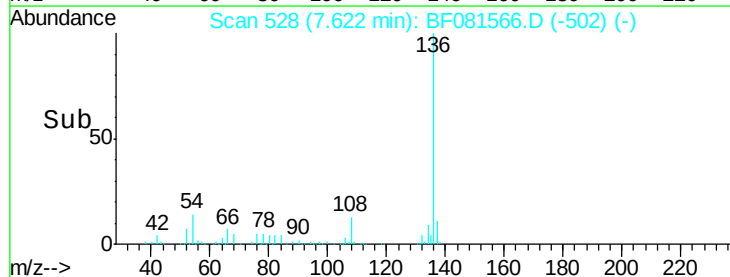
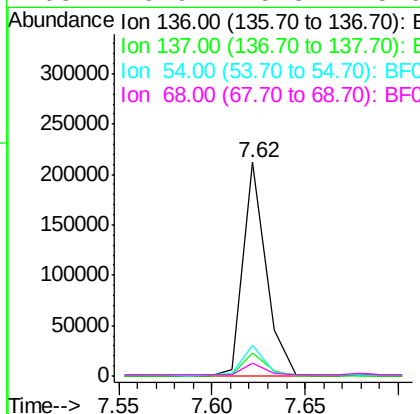
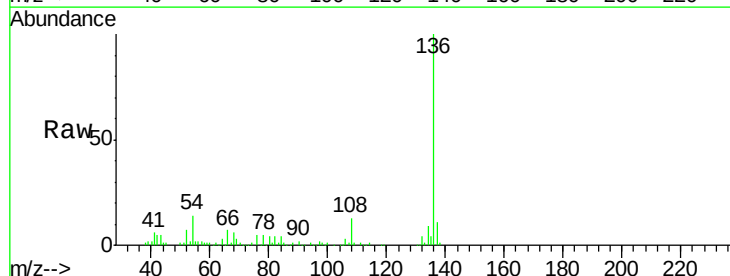
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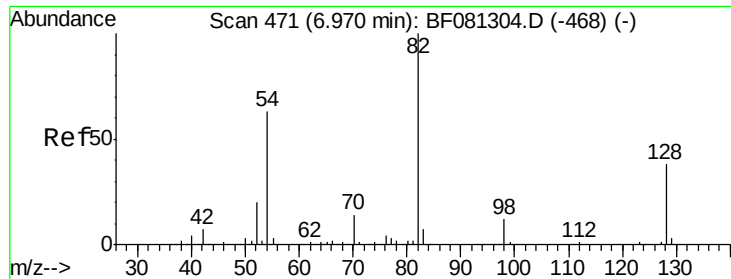
Tot Ion:	70	Resp:	405005
Ion	Ratio	Lower	Upper
70	100		
42	181.2	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Tgt Ion:	136	Resp:	181915
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	14.1	8.2	12.2#
68	5.9	5.8	8.6

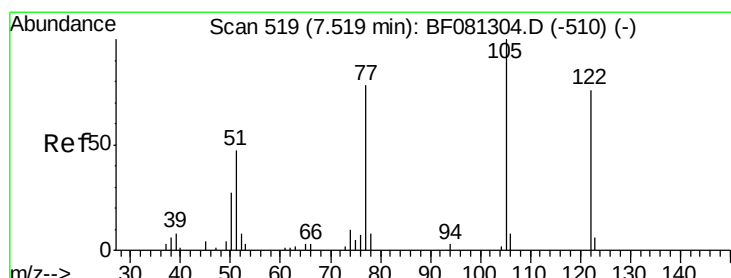
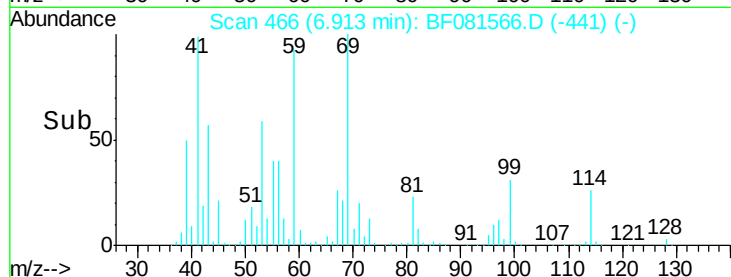
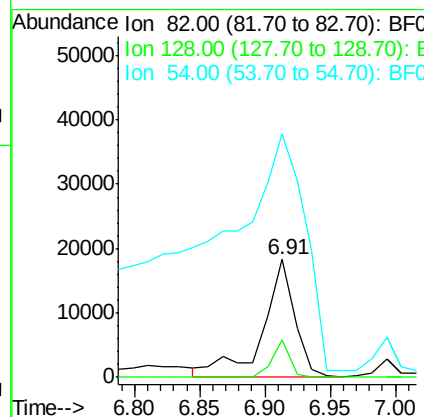
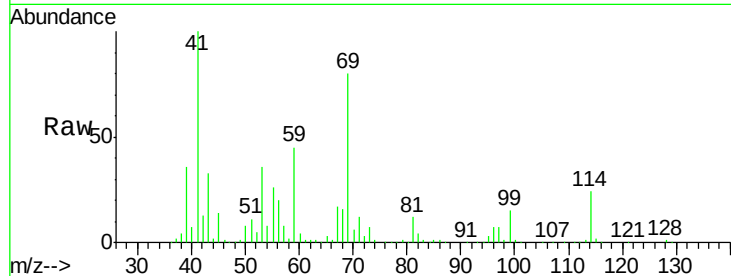




#23
 Nitrobenzene-d5
 Concen: 8.46 ng
 RT: 6.91 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF081566.D
 Acq: 9 Sep 2015 22:19

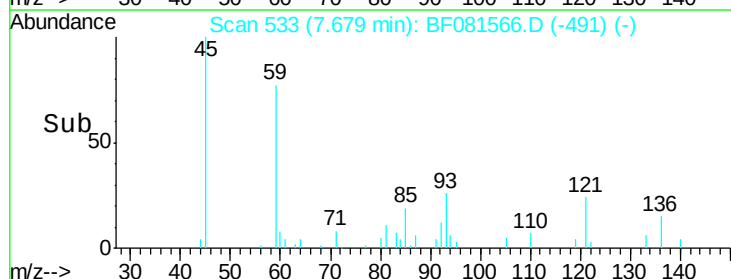
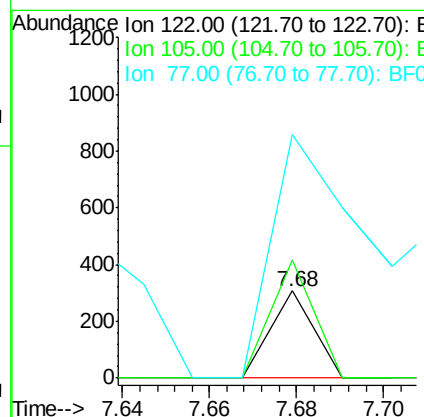
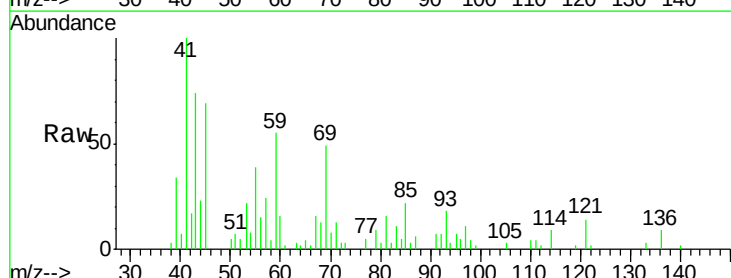
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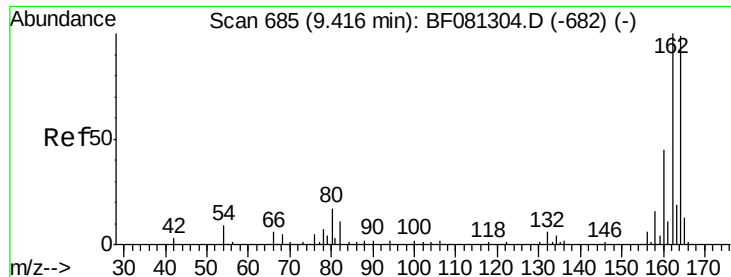
Tot Ion: 82 Resp: 31911
 Ion Ratio Lower Upper
 82 100
 128 31.5 51.0 76.6#
 54 206.3 47.5 71.3#



#32
 Benzoic acid
 Concen: 2.64 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.18 min
 Lab File: BF081566.D
 Acq: 9 Sep 2015 22:19

Tgt Ion: 122 Resp: 210
 Ion Ratio Lower Upper
 122 100
 105 136.3 76.1 116.1#
 77 280.4 40.5 80.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

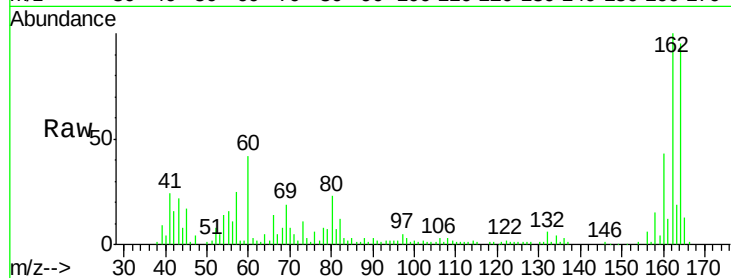
Tot Ion:164 Resp: 75369

Ion Ratio Lower Upper

164 100

162 105.7 75.2 112.8

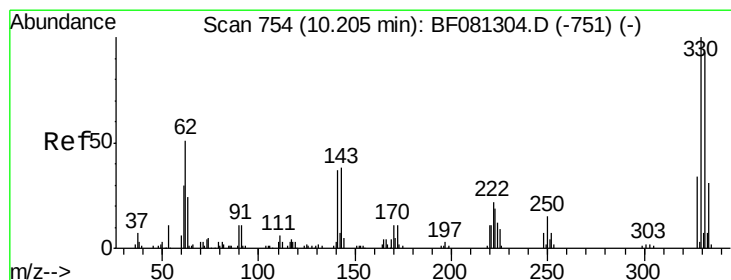
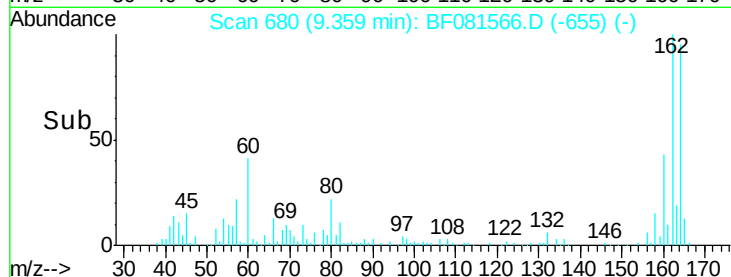
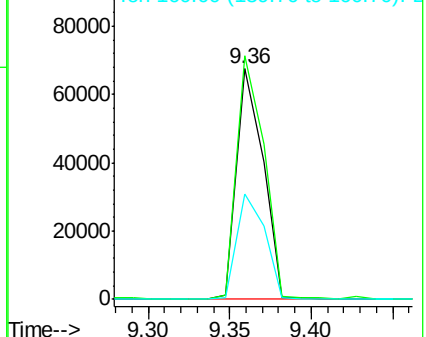
160 45.9 31.5 47.3



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: 1.02 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

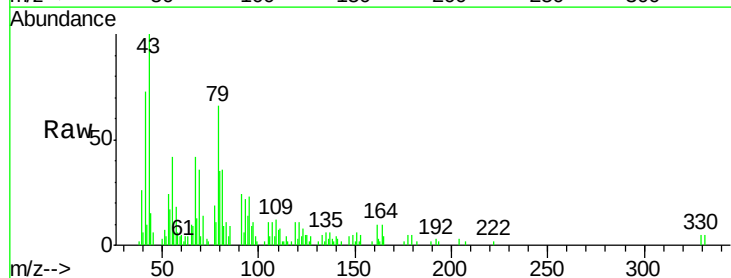
Tgt Ion:330 Resp: 682

Ion Ratio Lower Upper

330 100

332 104.4 76.6 114.8

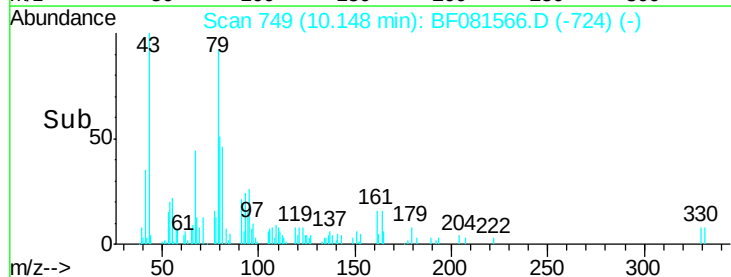
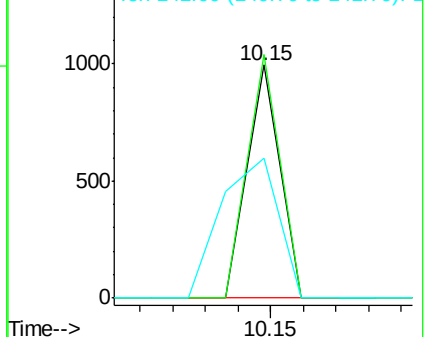
141 106.0 29.7 44.5#

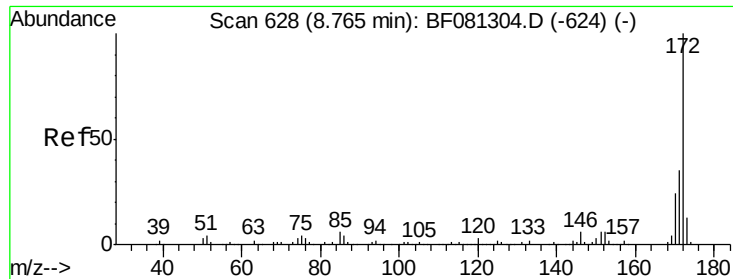


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

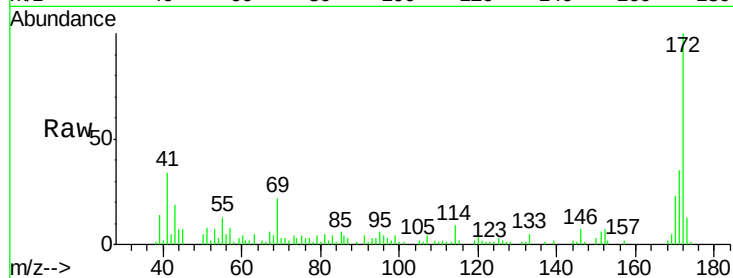




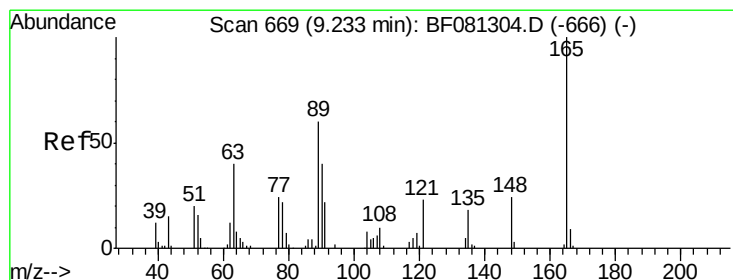
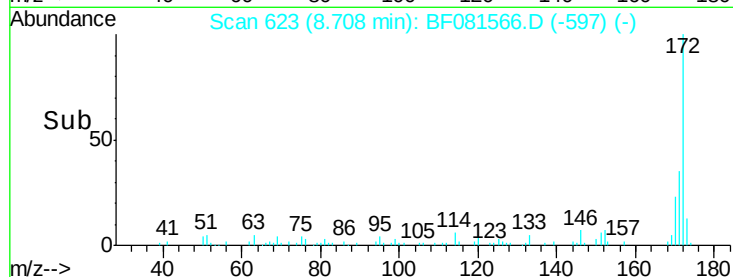
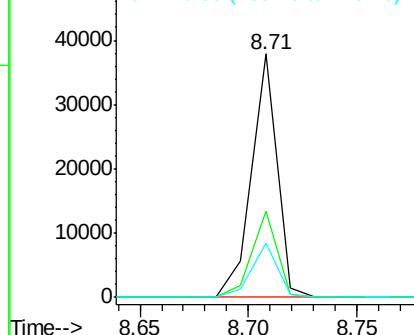
#44
 2-Fluorobiphenyl
 Concen: 5.24 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081566.D
 Acq: 9 Sep 2015 22:19

Instrument :
 BNA_F
 ClientSampleId :
 1508043488THRU-1508043493-CO

Tot Ion:172 Resp: 30802
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 22.5 17.4 26.2

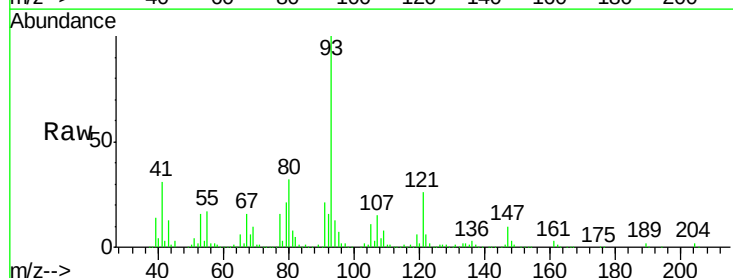


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

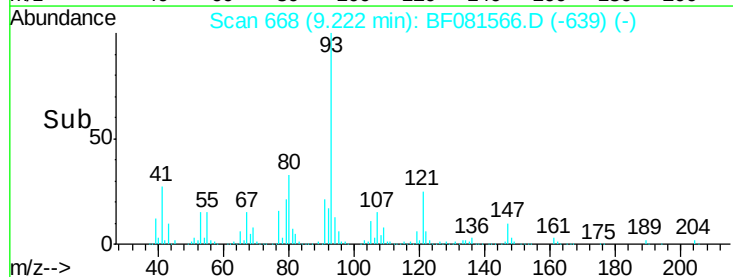
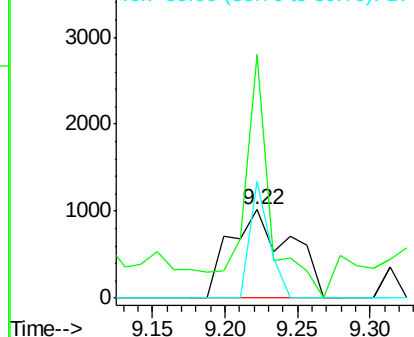


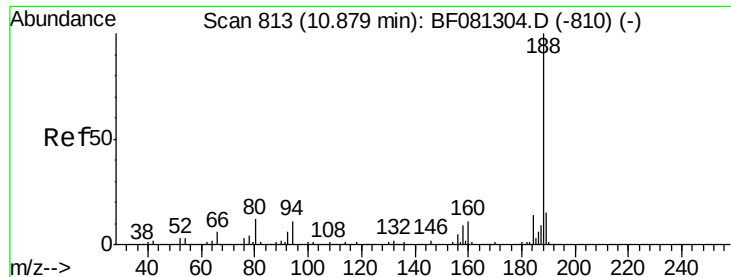
#50
 2,6-Dinitrotoluene
 Concen: 2.20 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.03 min
 Lab File: BF081566.D
 Acq: 9 Sep 2015 22:19

Tgt Ion:165 Resp: 2922
 Ion Ratio Lower Upper
 165 100
 63 275.4 32.3 48.5#
 89 132.4 28.6 43.0#



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

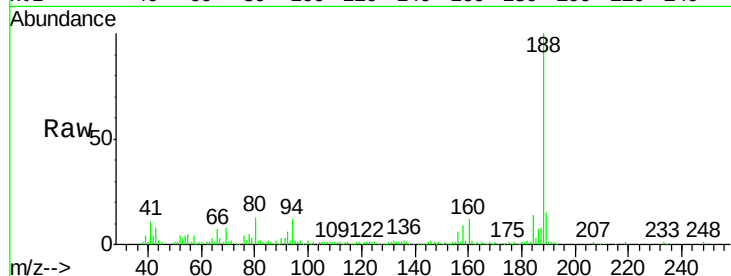




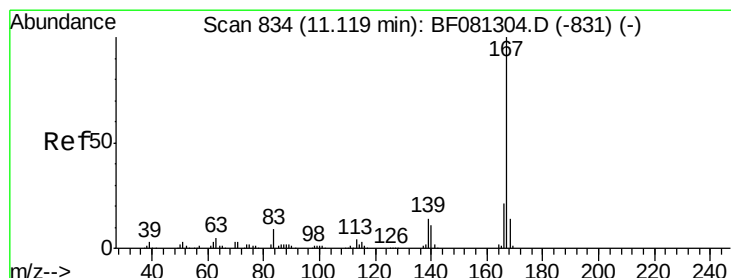
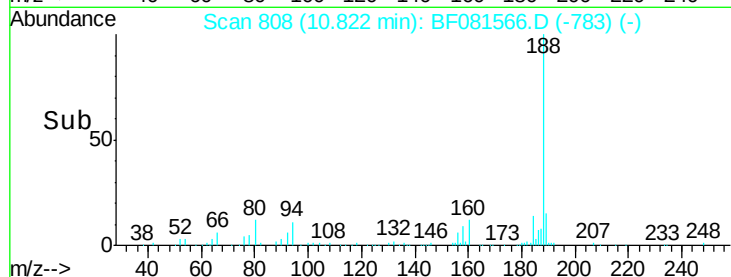
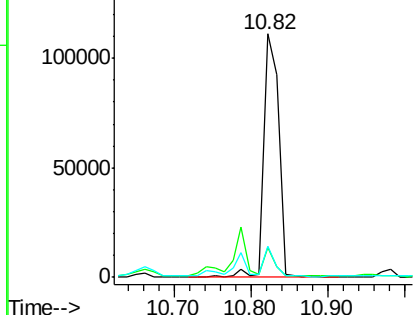
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Instrument :
BNA_F
ClientSampleId :
1508043488THRU-1508043493-CO

Tot Ion:188 Resp: 147747
Ion Ratio Lower Upper
188 100
94 12.2 11.1 16.7
80 12.7 11.0 16.4

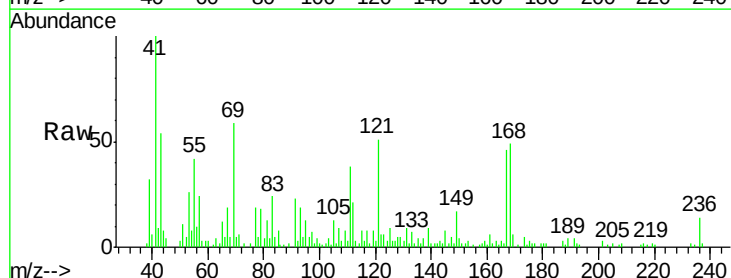


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

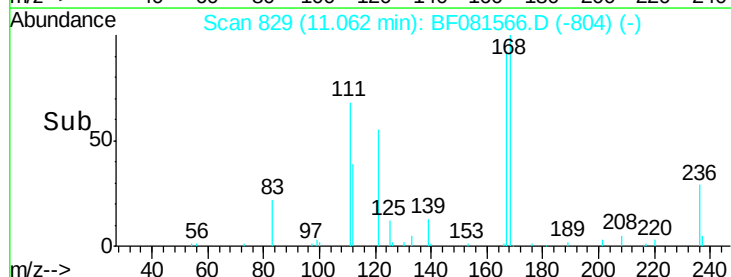
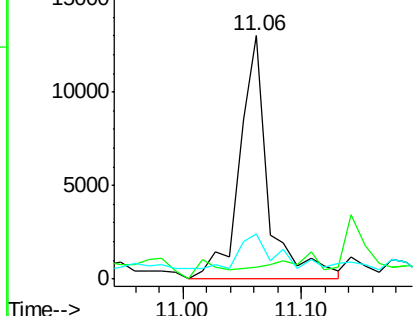


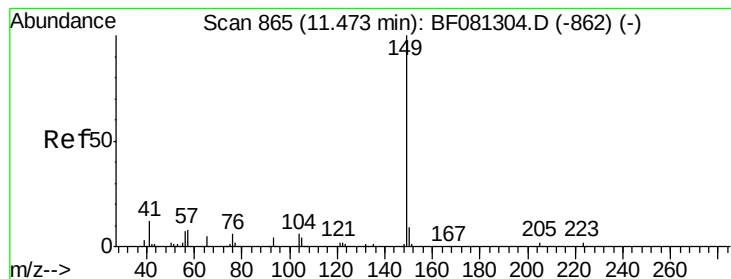
#72
Carbazole
Concen: 2.76 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Tgt Ion:167 Resp: 21847
Ion Ratio Lower Upper
167 100
166 4.7 15.7 23.5#
139 18.7 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 4.27 ng

RT: 11.41 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

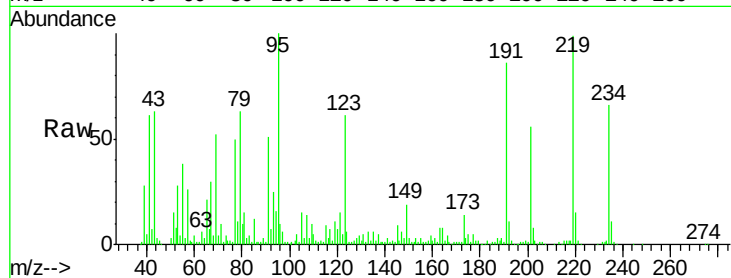
Tot Ion:149 Resp: 39930

Ion Ratio Lower Upper

149 100

150 14.2 7.4 11.2#

104 7.8 2.4 3.6#

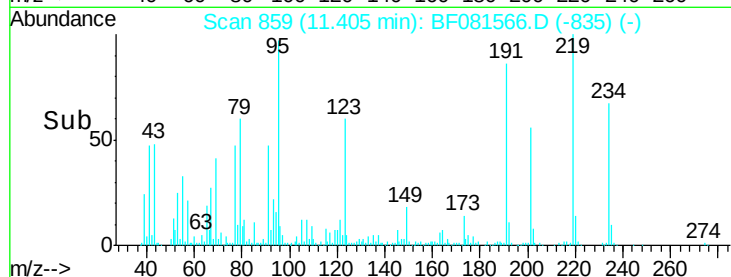


Abundance Ion 149.00 (148.70 to 149.70): E

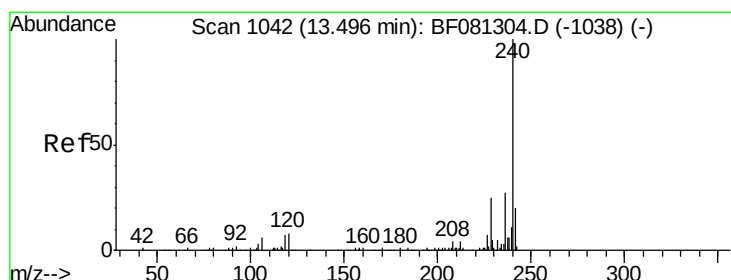
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

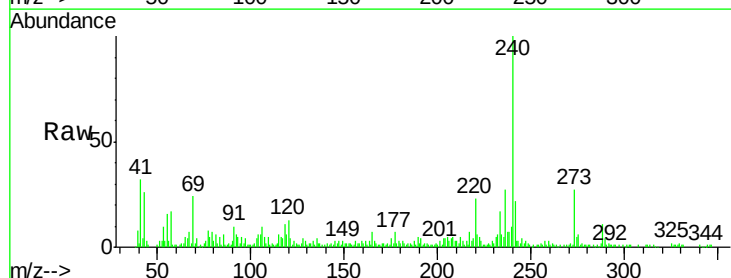
Tgt Ion:240 Resp: 100864

Ion Ratio Lower Upper

240 100

120 12.9 16.2 24.2#

236 27.2 18.4 27.6

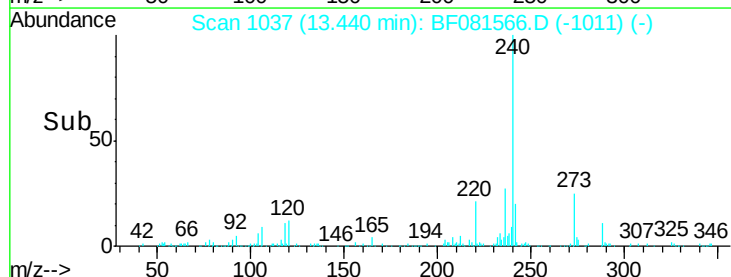


Abundance Ion 240.00 (239.70 to 240.70): E

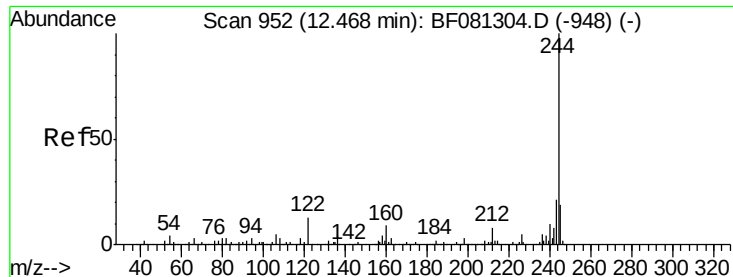
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 5.66 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

Instrument :

BNA_F

ClientSampleId :

1508043488THRU-1508043493-CO

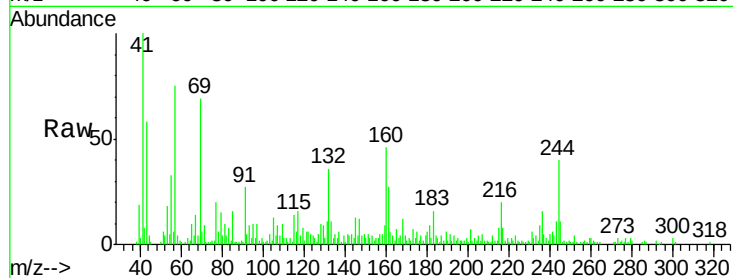
Tot Ion:244 Resp: 24517

Ion Ratio Lower Upper

244 100

212 9.7 4.3 6.5#

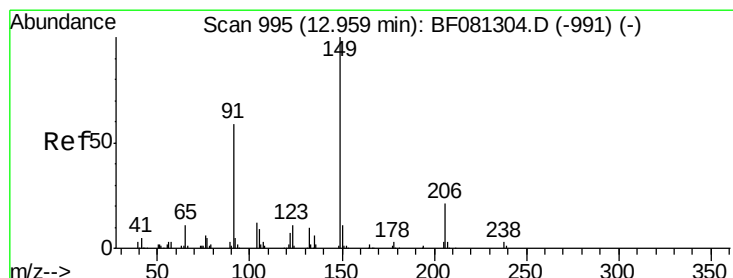
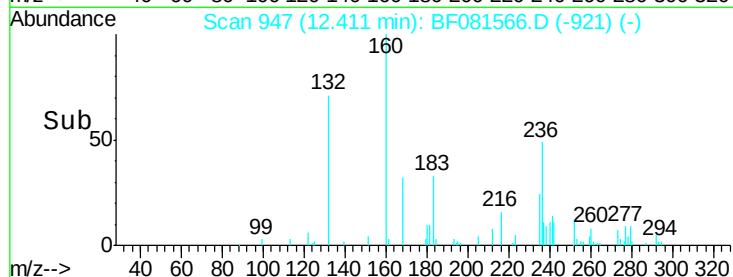
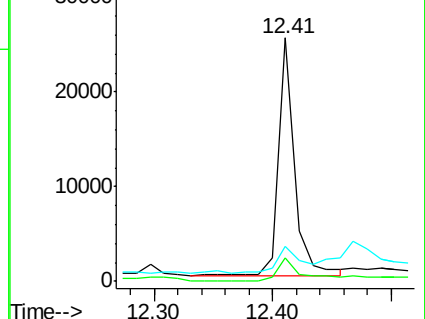
122 14.6 17.4 26.2#



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



#79

Butylbenzylphthalate

Concen: 3.36 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF081566.D

Acq: 9 Sep 2015 22:19

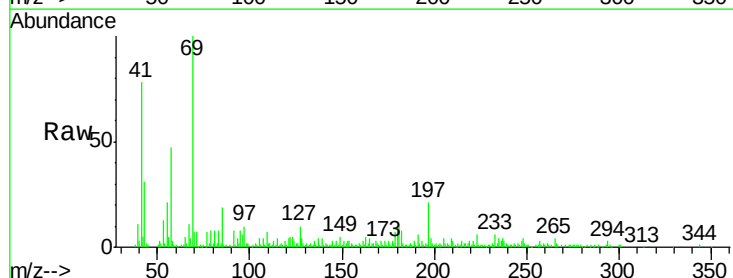
Tgt Ion:149 Resp: 10918

Ion Ratio Lower Upper

149 100

91 162.2 48.6 72.8#

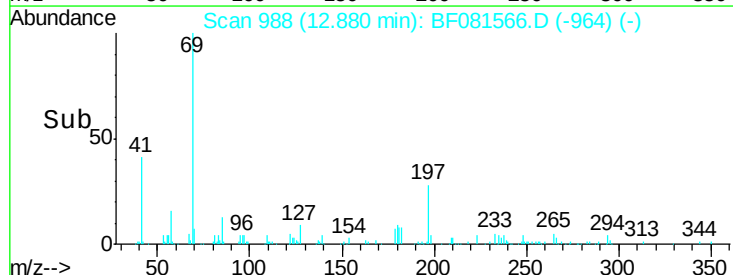
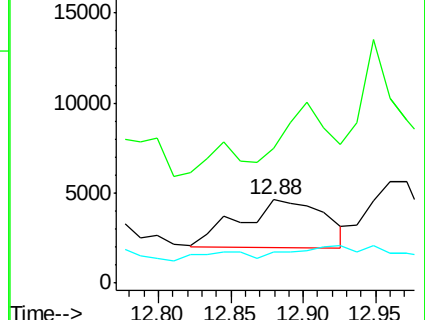
206 37.3 14.9 22.3#

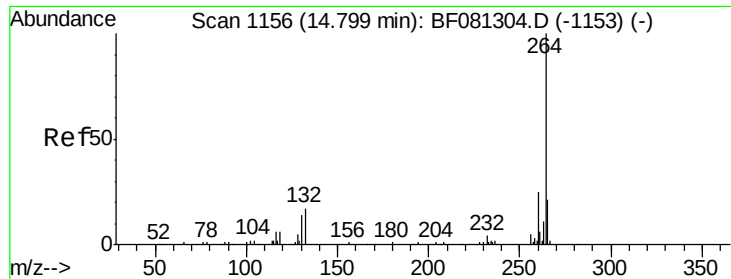


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF081566.D
Acq: 9 Sep 2015 22:19

Instrument :
BNA_F
ClientSampleId :
1508043488THRU-1508043493-CO

Tot Ion: 264 Resp: 92264
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 20.9 17.2 25.8

