

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082445.D
 Acq On : 22 Oct 2015 11:57
 Operator : UM/IZ
 Sample : G4111-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Quant Time: Oct 22 14:11:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

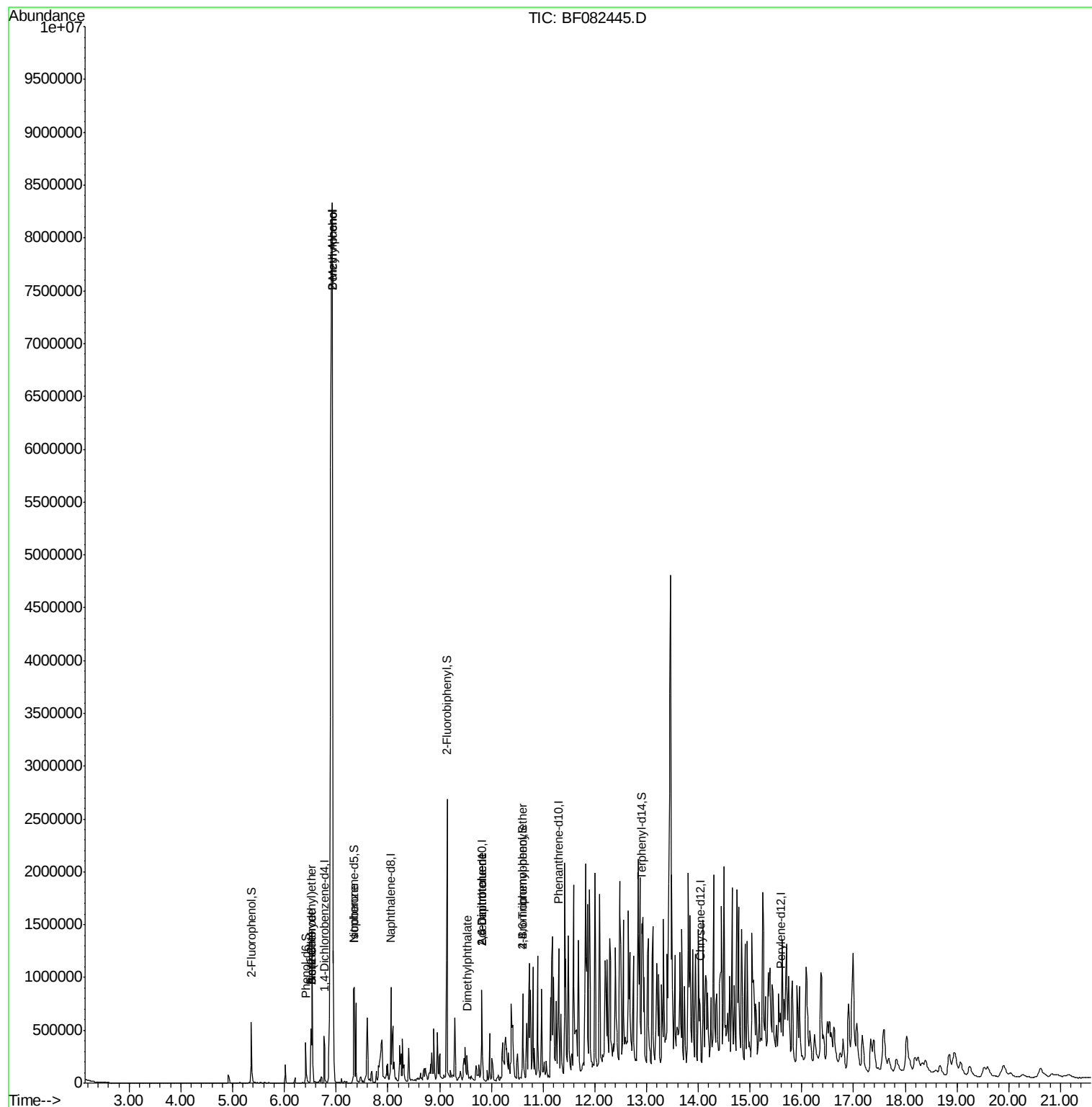
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102770	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	422521	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	173928	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	252095	20.00	ng	0.00
75) Chrysene-d12	14.04	240	248263	20.00	ng	0.02
86) Perylene-d12	15.59	264	232929	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	187021	36.73	ng	0.00
7) Phenol-d6	6.41	99	145386	21.94	ng	-0.01
23) Nitrobenzene-d5	7.35	82	483627	76.87	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	86233	52.87	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	950240	90.60	ng	0.00
78) Terphenyl-d14	12.90	244	381162	40.68	ng	0.00
Target Compounds						
6) Aniline	6.51	93	92176	10.79	ng	# 48
9) Benzaldehyde	6.51	77	23459	6.93	ng	# 9
11) bis(2-Chloroethyl)ether	6.51	93	92176	14.27	ng	# 22
15) Benzyl Alcohol	6.93	79	1361696	297.67	ng	# 61
17) 2-Methylphenol	6.93	107	772189	157.09	ng	# 1
25) Isophorone	7.35	82	455666	35.88	ng	# 66
49) Dimethylphthalate	9.53	163	25382	2.07	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	22537	8.72	ng	# 34
56) 2,4-Dinitrotoluene	9.82	165	22537	6.98	ng	# 25
66) 4-Bromophenyl-phenylether	10.61	248	6294	2.49	ng	# 1

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

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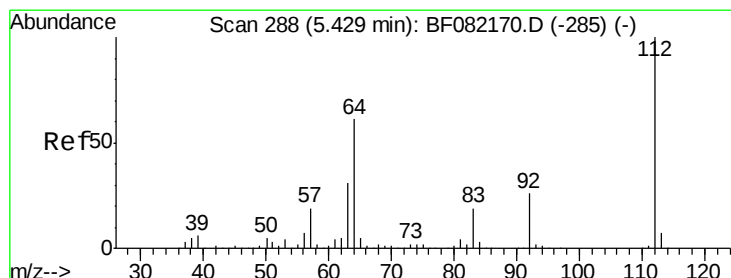
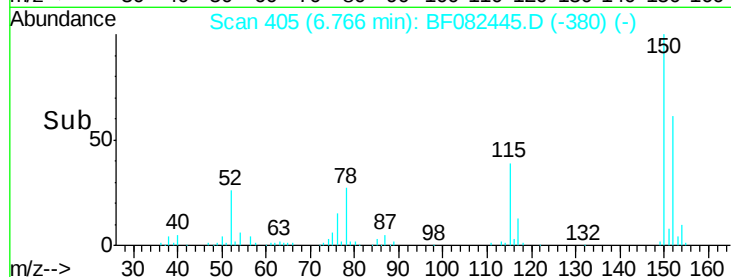
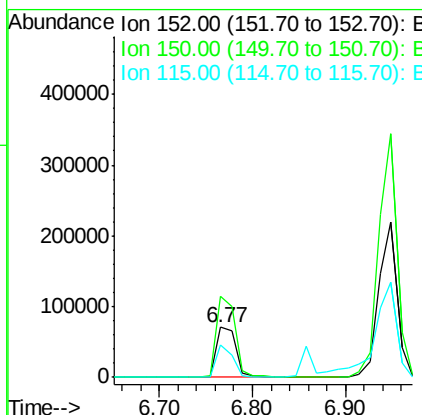
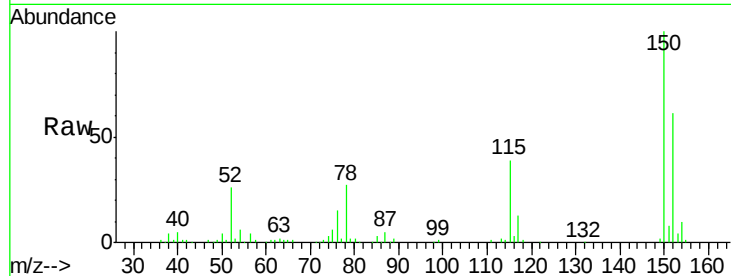


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082445.D
Acq: 22 Oct 2015 11:57

Instrument :
BNA_F
ClientSampleId :
CLEARWELL

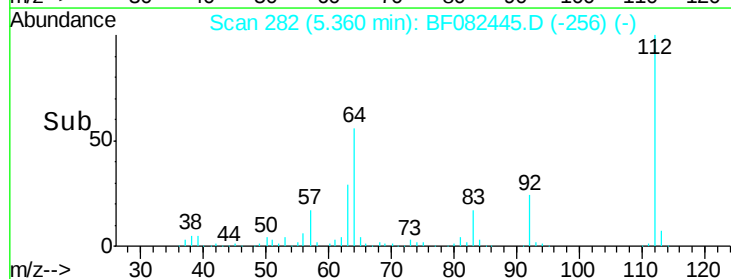
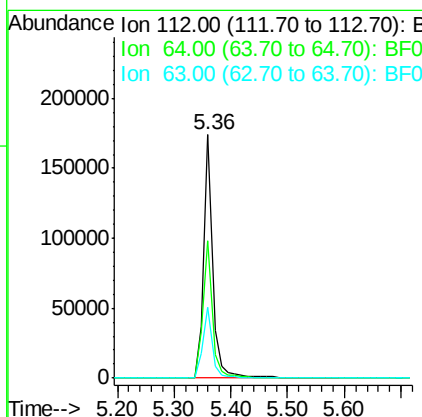
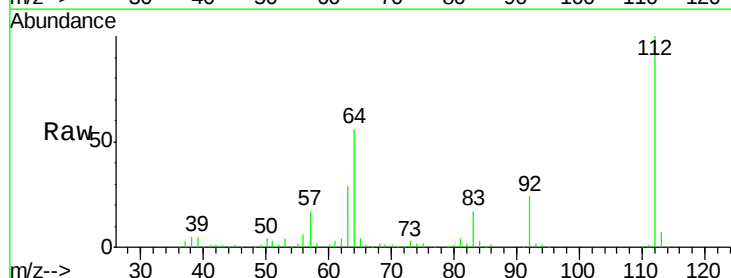
Tot Ion:152 Resp: 102770
Ion Ratio Lower Upper
152 100
150 162.8 129.0 193.4
115 64.2 52.1 78.1

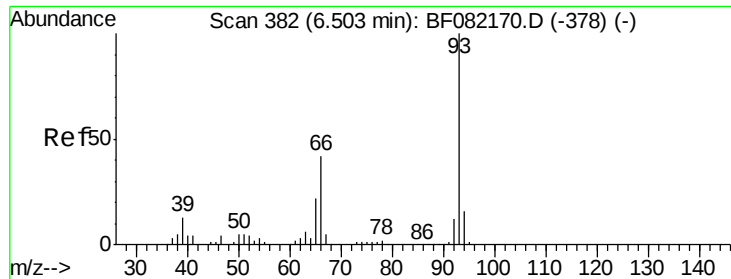


#5

2-Fluorophenol
Concen: 36.73 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF082445.D
Acq: 22 Oct 2015 11:57

Tgt Ion:112 Resp: 187021
Ion Ratio Lower Upper
112 100
64 56.3 48.6 73.0
63 28.8 25.1 37.7





#6

Aniline

Concen: 10.79 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.07 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

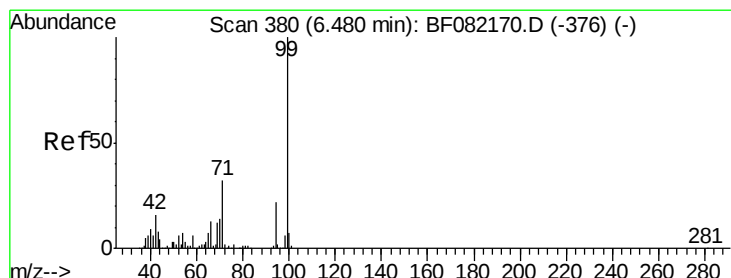
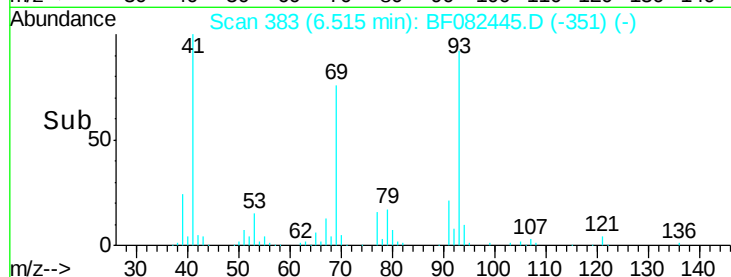
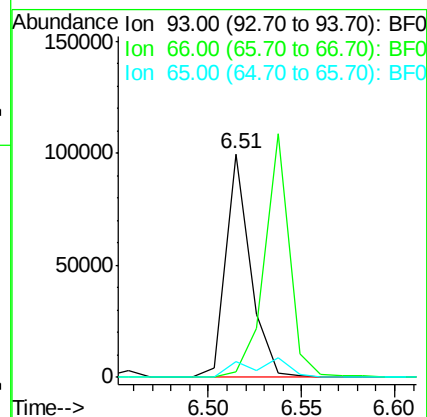
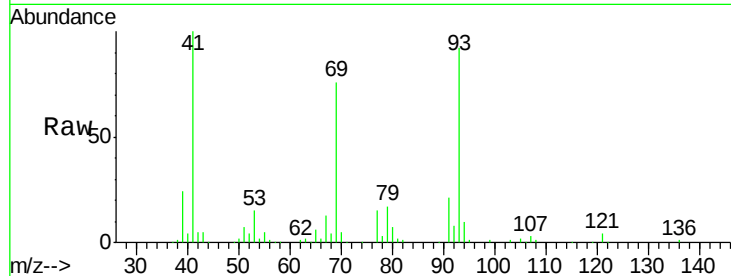
Tot Ion: 93 Resp: 92176

Ion Ratio Lower Upper

93 100

66 2.7 34.2 51.2#

65 6.8 17.9 26.9#



#7

Phenol-d6

Concen: 21.94 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

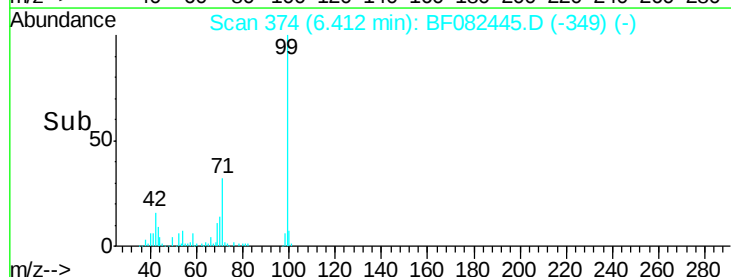
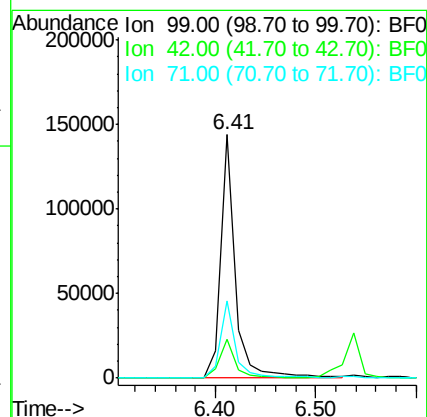
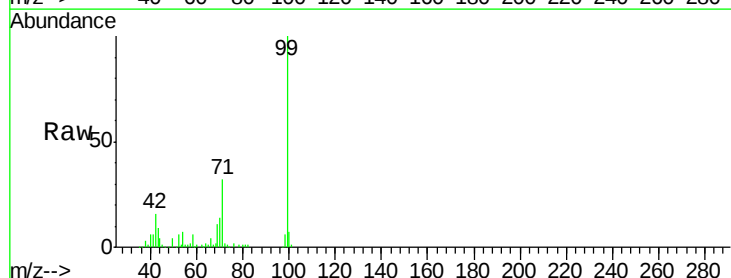
Tgt Ion: 99 Resp: 145386

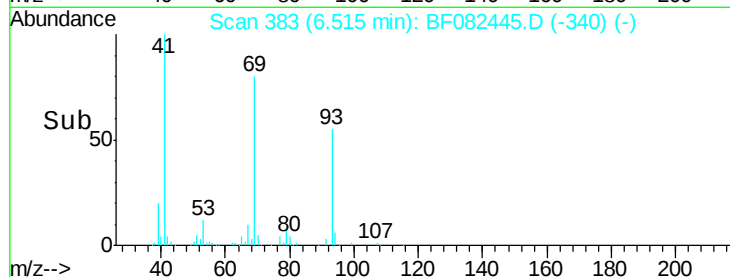
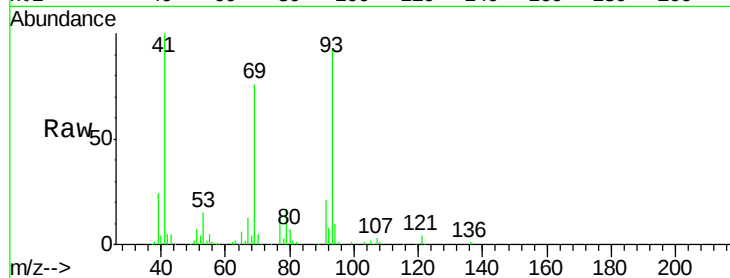
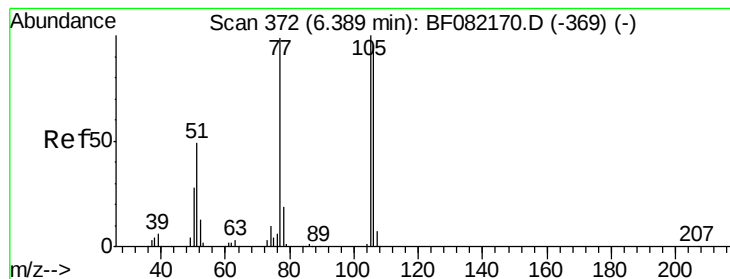
Ion Ratio Lower Upper

99 100

42 16.0 13.2 19.8

71 31.6 25.6 38.4





#9

Benzaldehyd

Concen: 6.93 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.19 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

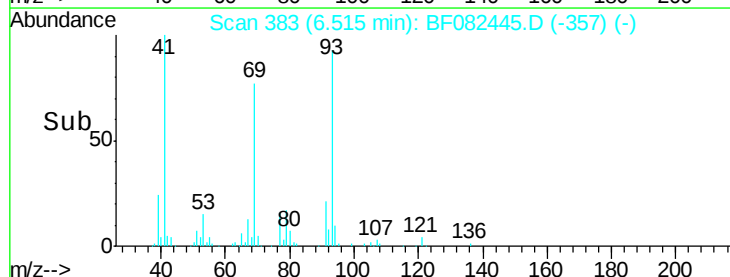
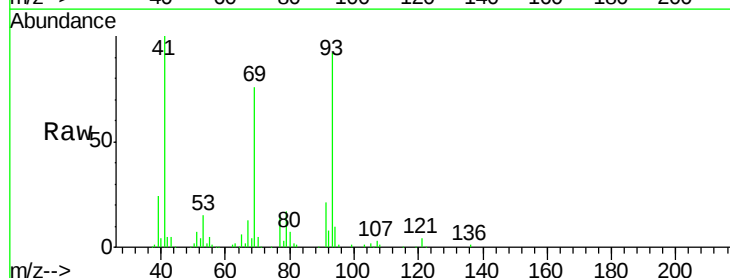
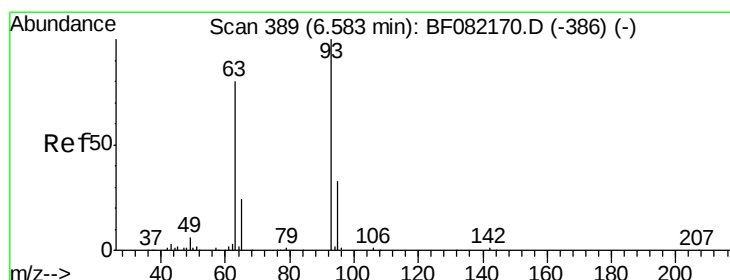
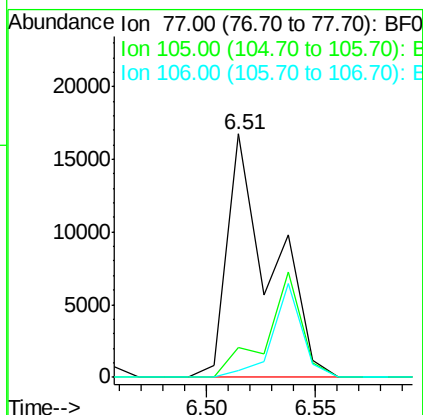
Tot Ion: 77 Resp: 23459

Ion Ratio Lower Upper

77 100

105 12.2 80.6 120.6#

106 3.0 75.5 115.5#



#11

bis(2-Chloroethyl)ether

Concen: 14.27 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

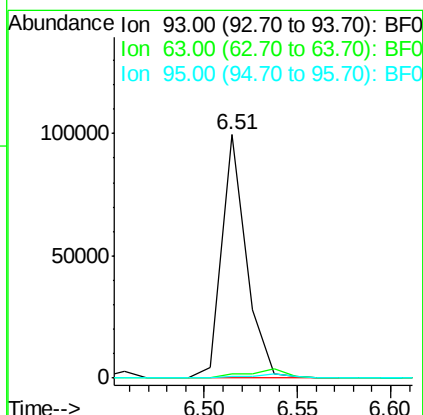
Tgt Ion: 93 Resp: 92176

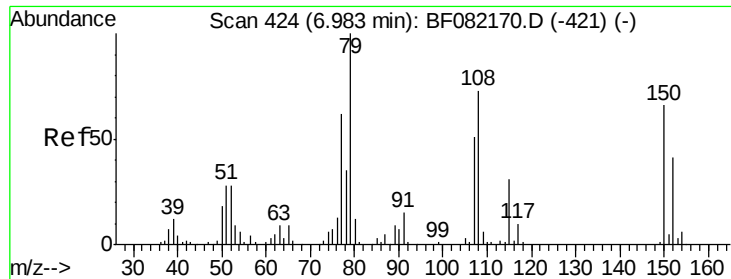
Ion Ratio Lower Upper

93 100

63 2.0 57.1 97.1#

95 0.7 11.9 51.9#

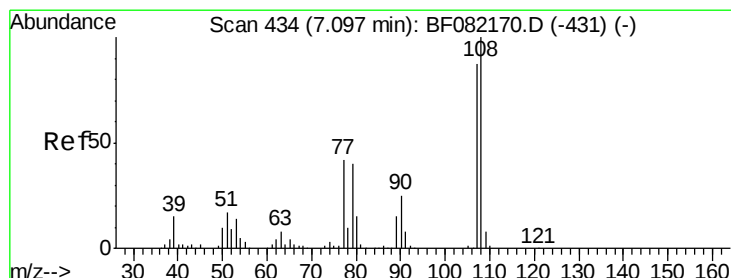
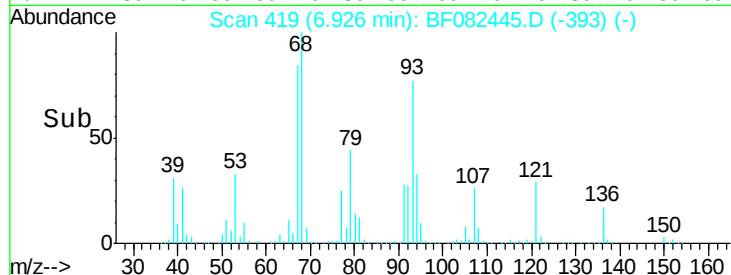
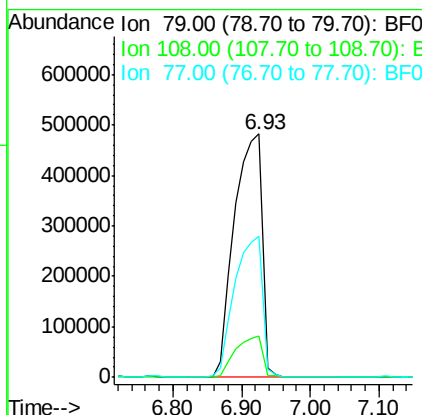
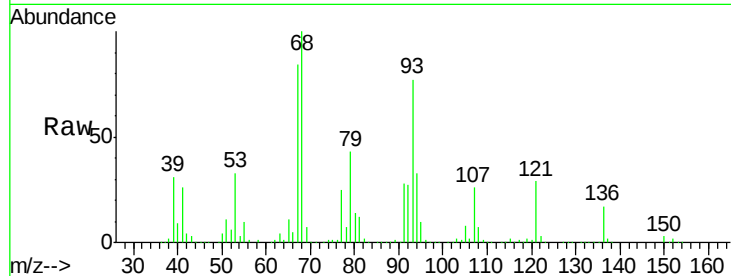




#15
Benzyl Alcohol
Concen: 297.67 ng
RT: 6.93 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082445.D
Acq: 22 Oct 2015 11:57

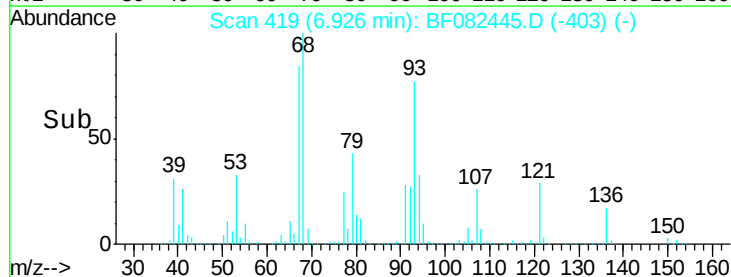
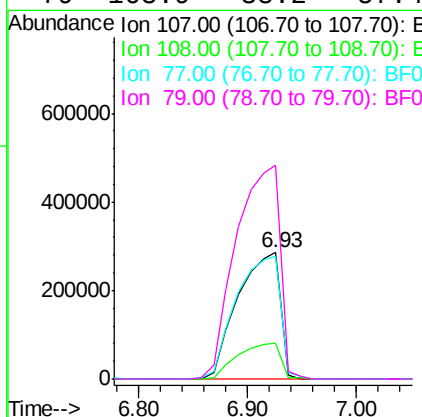
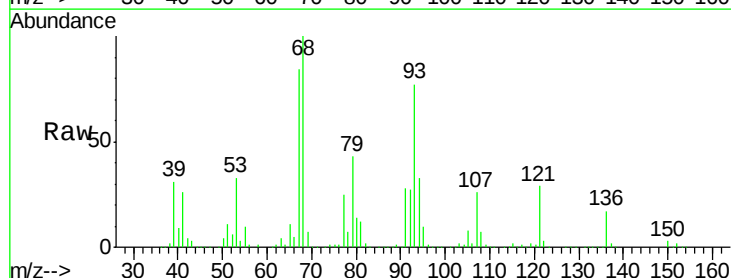
Instrument :
BNA_F
ClientSampleId :
CLEARWELL

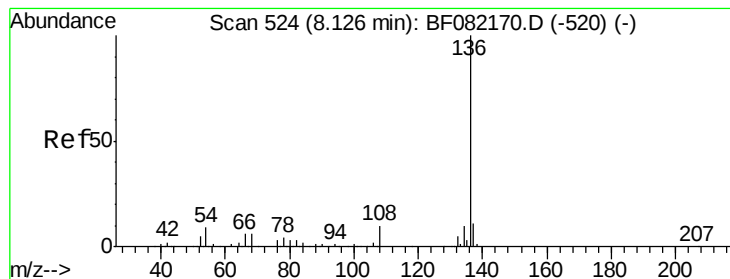
Tot Ion: 79 Resp: 1361696
Ion Ratio Lower Upper
79 100
108 16.8 58.4 87.6#
77 57.8 49.8 74.6



#17
2-Methylphenol
Concen: 157.09 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.11 min
Lab File: BF082445.D
Acq: 22 Oct 2015 11:57

Tgt Ion:107 Resp: 772189
Ion Ratio Lower Upper
107 100
108 28.5 92.2 138.2#
77 97.7 39.6 59.4#
79 168.9 38.2 57.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

Tot Ion:136 Resp: 422521

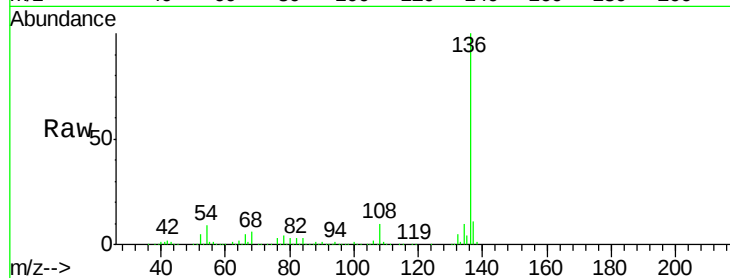
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.1 7.5 11.3

68 5.7 4.6 7.0

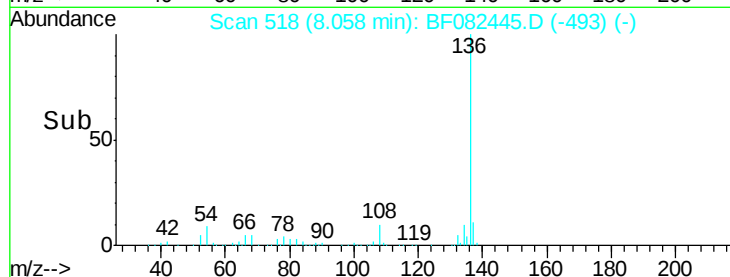


Abundance Ion 136.00 (135.70 to 136.70): E

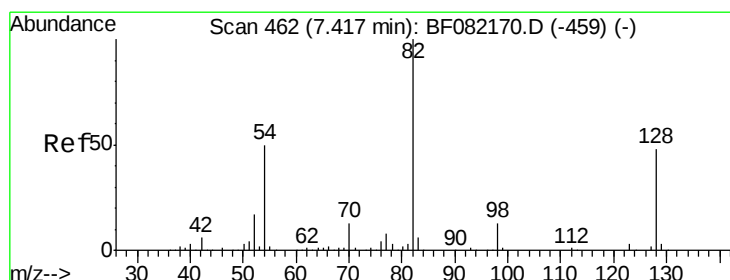
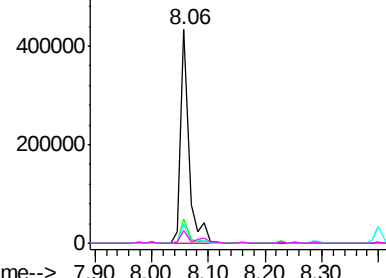
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 76.87 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

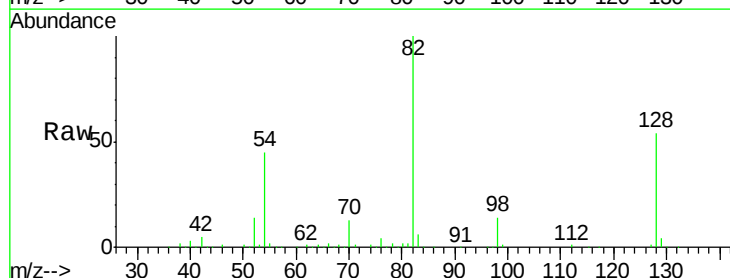
Tgt Ion: 82 Resp: 483627

Ion Ratio Lower Upper

82 100

128 54.4 38.7 58.1

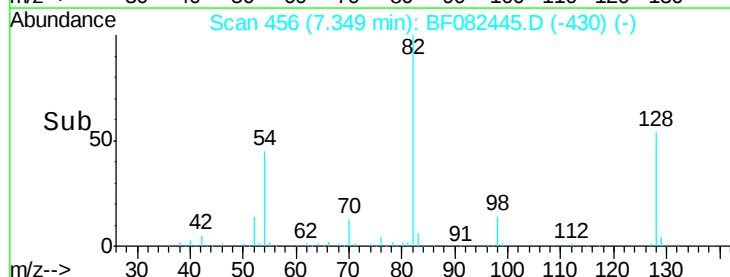
54 45.0 40.1 60.1



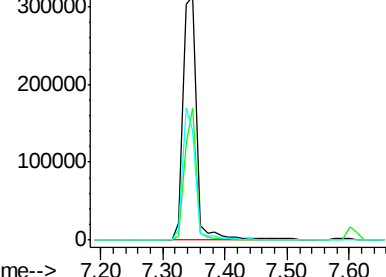
Abundance Ion 82.00 (81.70 to 82.70): BF0

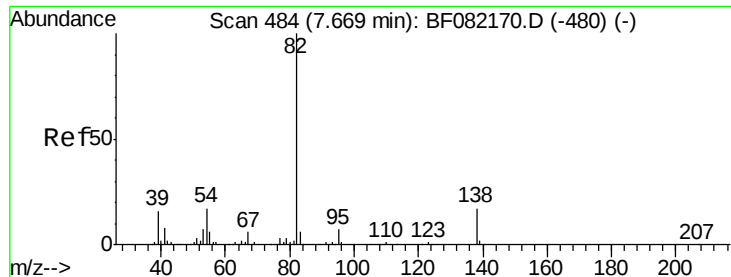
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 35.88 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.26 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Instrument :

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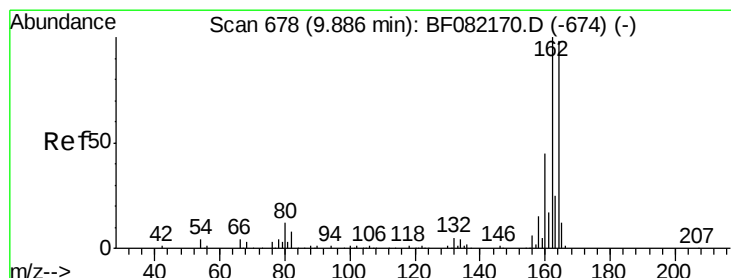
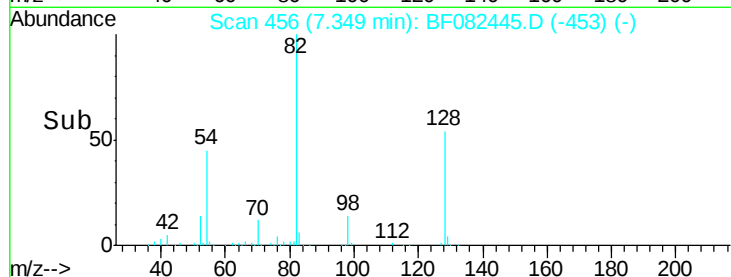
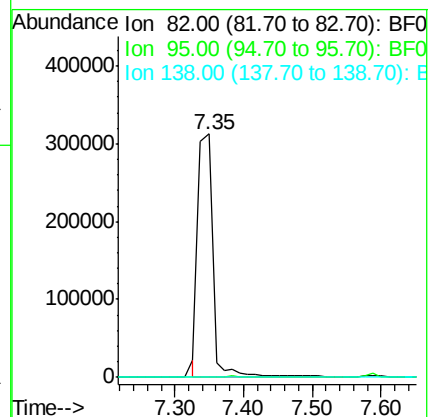
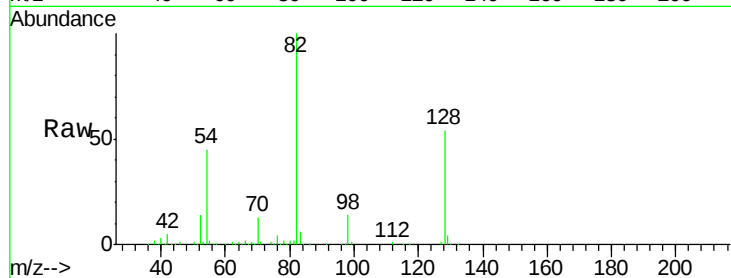
Tot Ion: 82 Resp: 455666

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

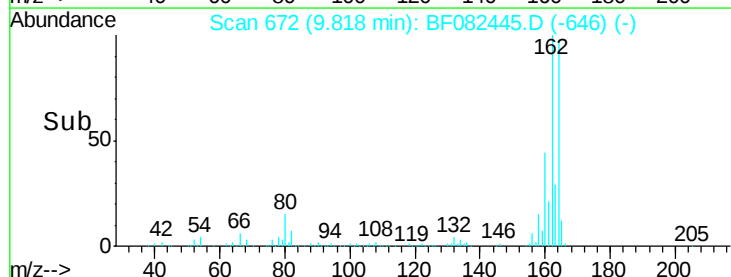
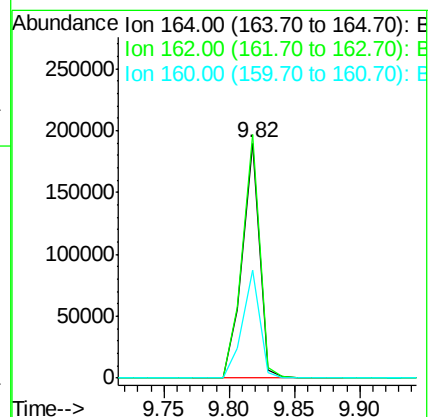
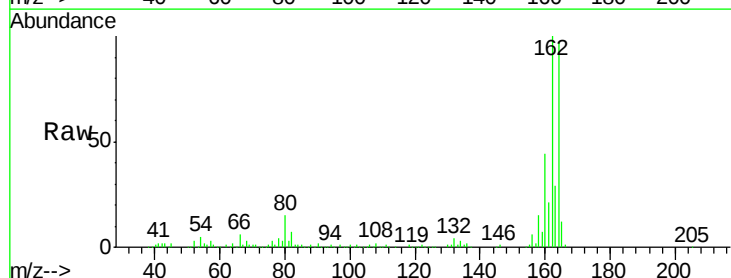
Tgt Ion: 164 Resp: 173928

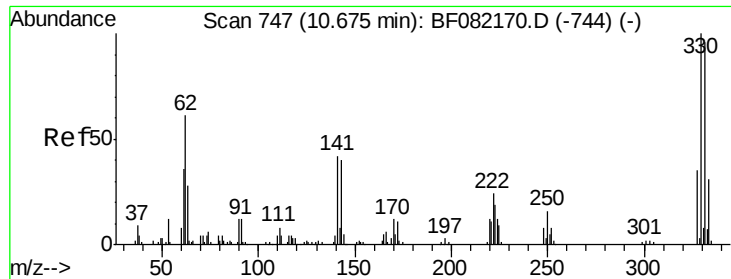
Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

160 45.9 36.4 54.6

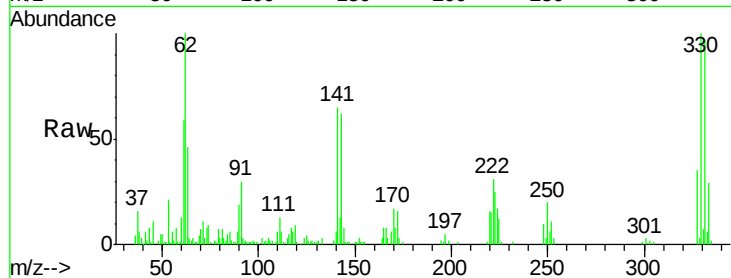




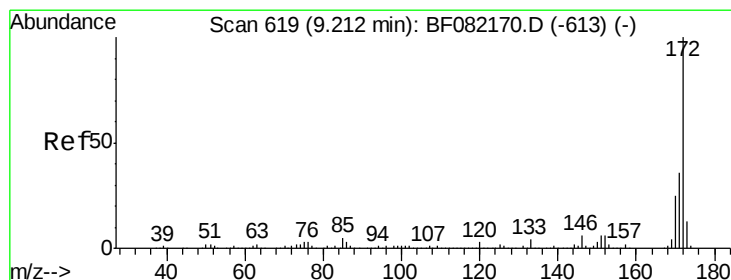
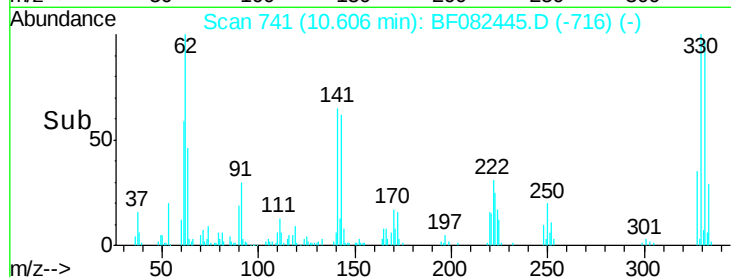
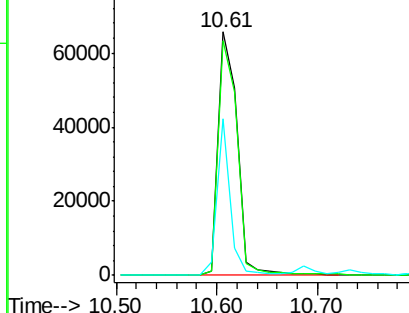
#41
 2,4,6-Tribromophenol
 Concen: 52.87 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tot Ion:330 Resp: 86233
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.1 115.7
 141 44.5 29.8 44.8

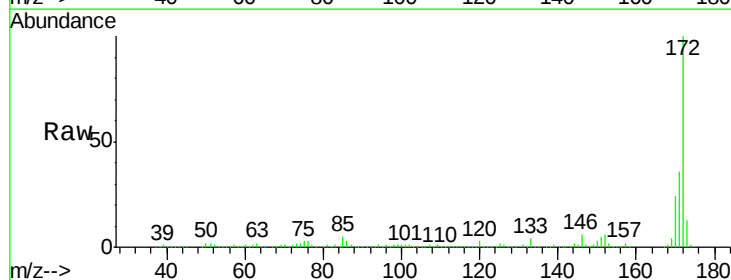


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

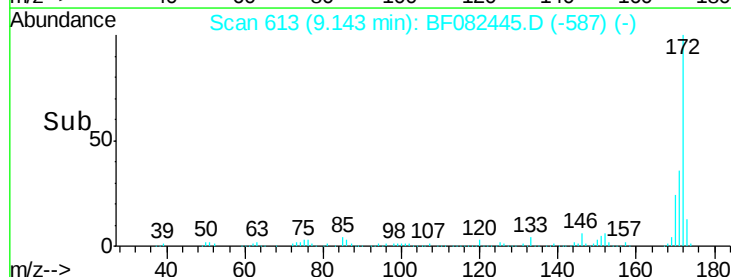
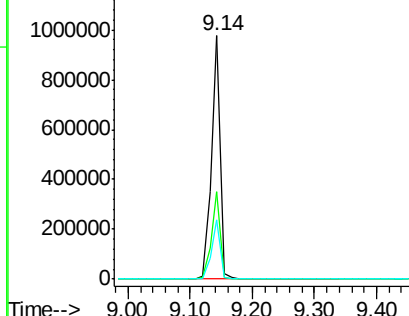


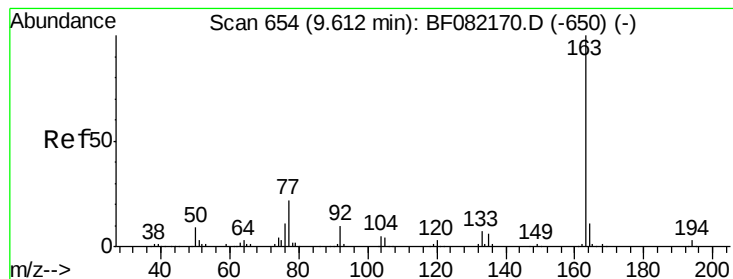
#44
 2-Fluorobiphenyl
 Concen: 90.60 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Tgt Ion:172 Resp: 950240
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 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: 2.07 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

Instrument :

BNA_F

ClientSampled :

CLEARWELL

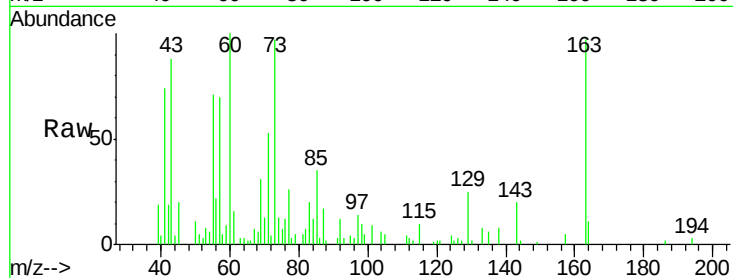
Tot Ion:163 Resp: 25382

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

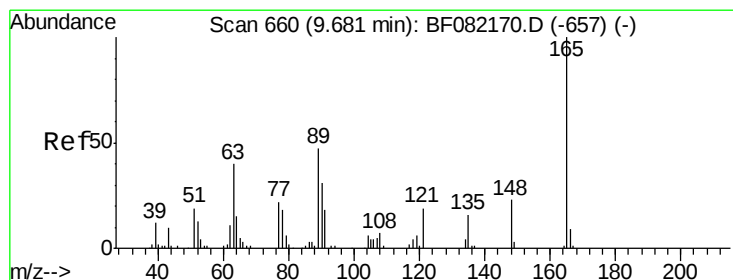
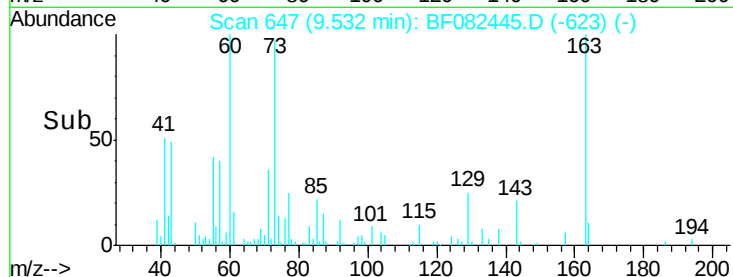
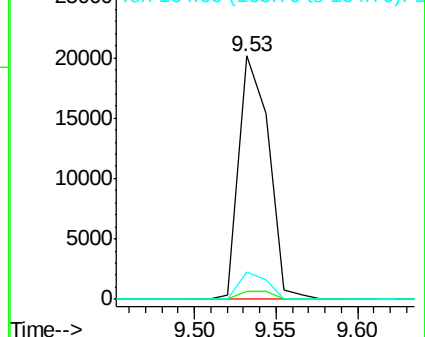
164 11.3 8.5 12.7



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: 8.72 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.19 min

Lab File: BF082445.D

Acq: 22 Oct 2015 11:57

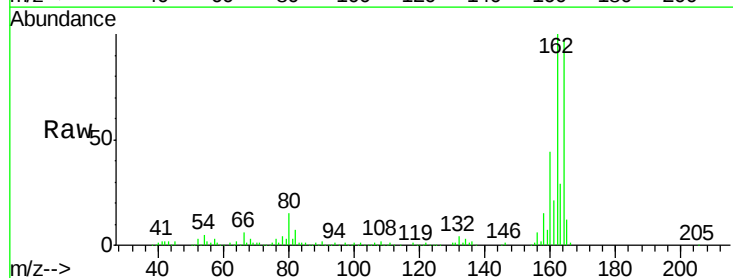
Tgt Ion:165 Resp: 22537

Ion Ratio Lower Upper

165 100

63 2.5 36.7 55.1#

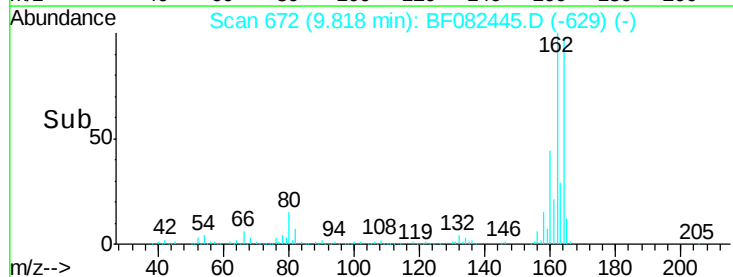
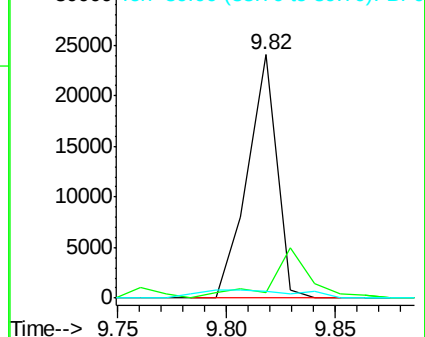
89 2.7 37.8 56.6#

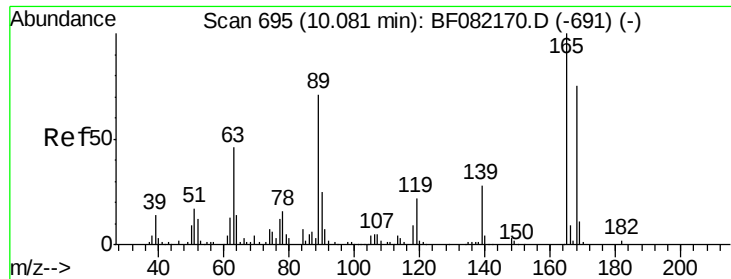


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

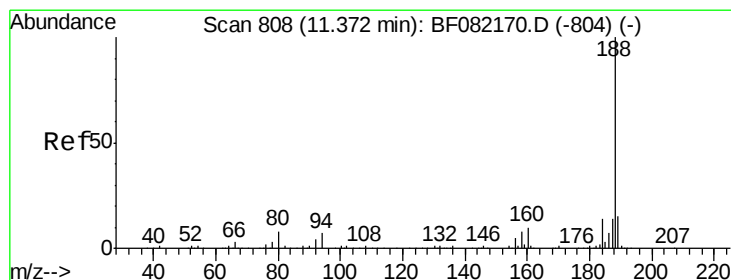
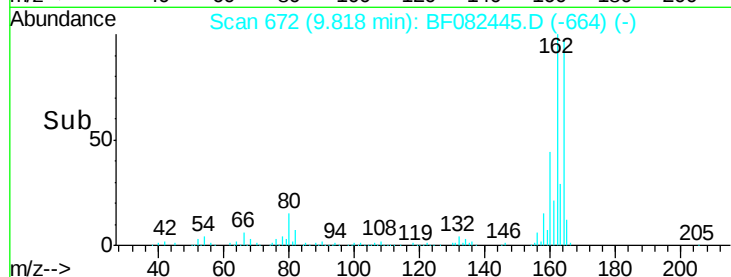
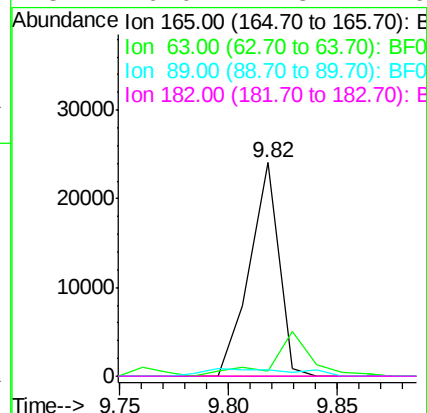
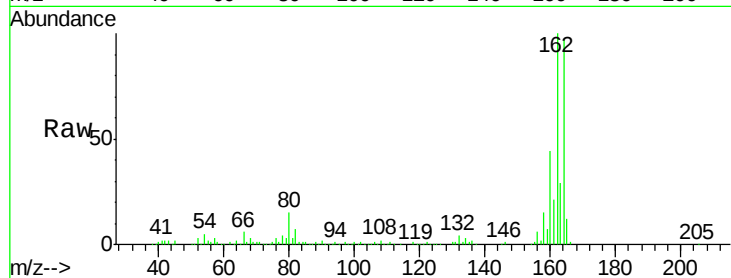




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

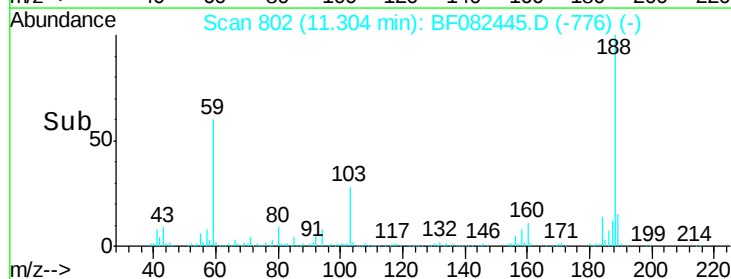
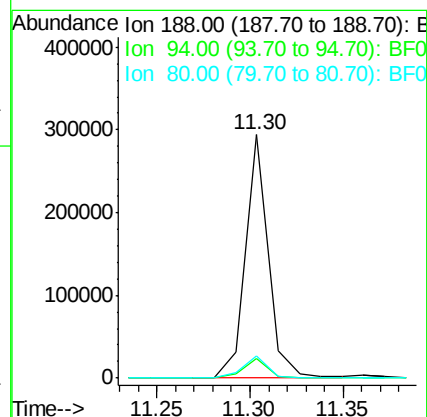
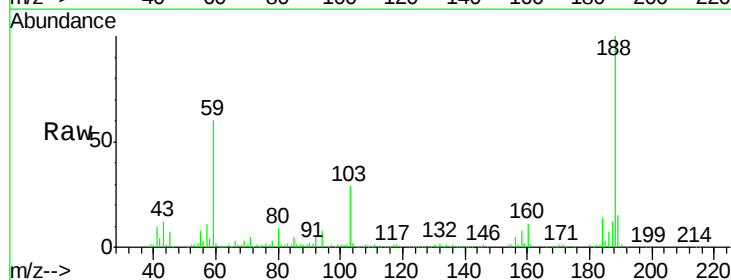
Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

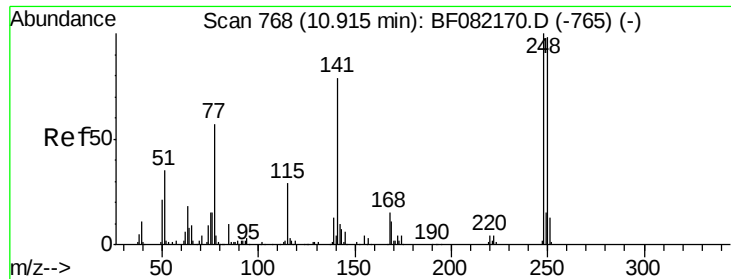
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	38.6	58.0#
89	2.7	57.0	85.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.6
80	9.0	6.4	9.6

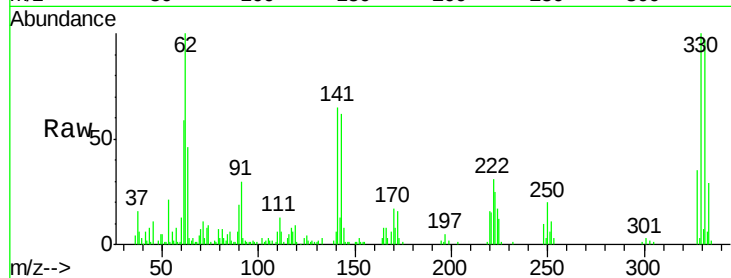




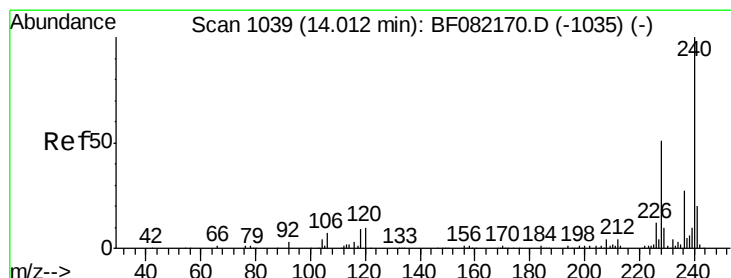
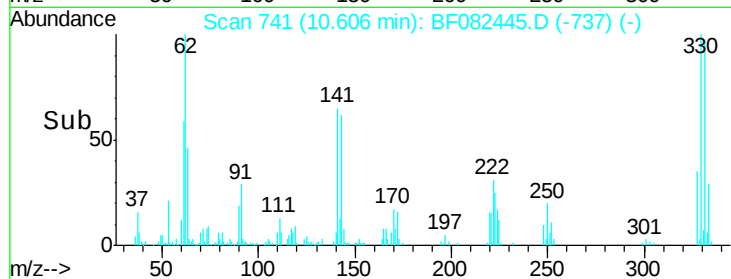
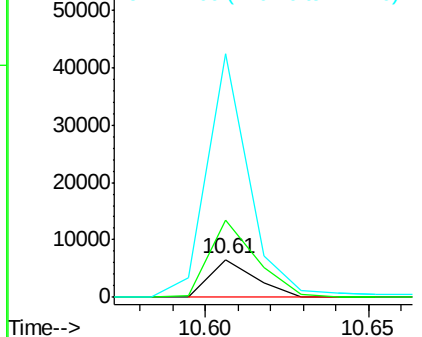
#66
4-Bromophenyl-phenylether
Concen: 2.49 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082445.D
Acq: 22 Oct 2015 11:57

Instrument :
BNA_F
ClientSampleId :
CLEARWELL

Tot Ion:248 Resp: 6294
Ion Ratio Lower Upper
248 100
250 203.8 78.6 117.8#
141 646.6 63.3 94.9#

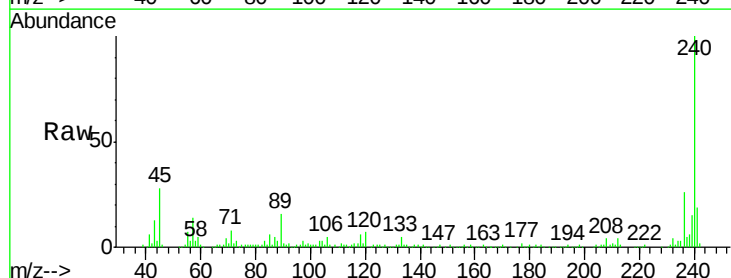


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

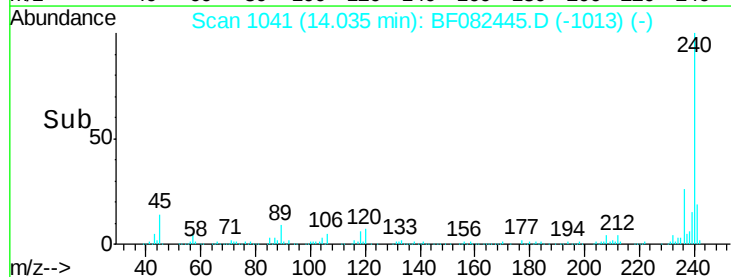
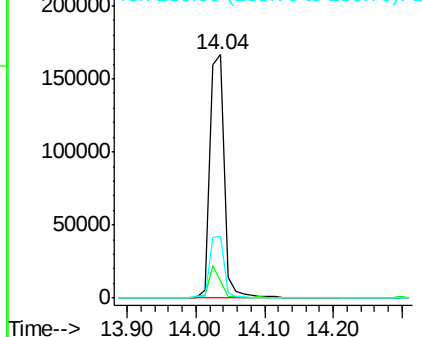


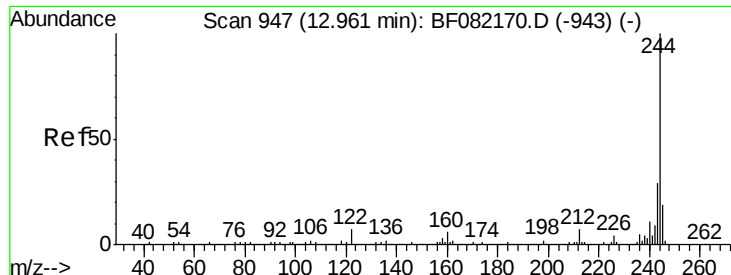
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BF082445.D
Acq: 22 Oct 2015 11:57

Tgt Ion:240 Resp: 248263
Ion Ratio Lower Upper
240 100
120 6.8 8.1 12.1#
236 25.6 21.3 31.9



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

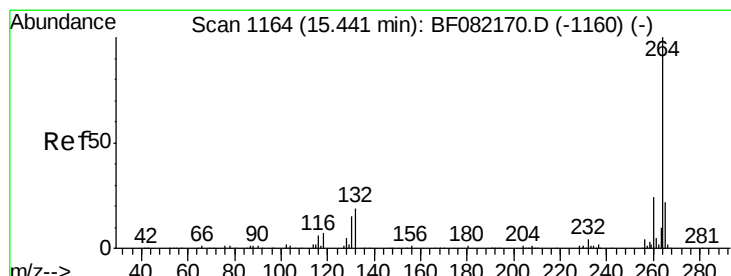
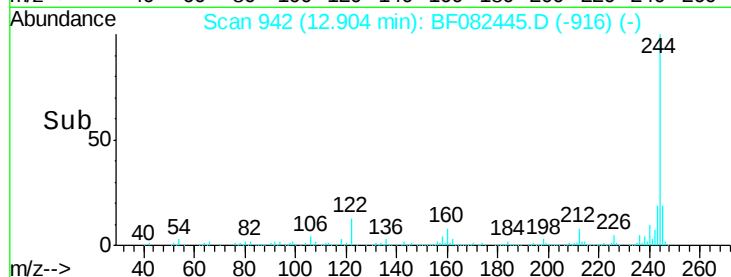
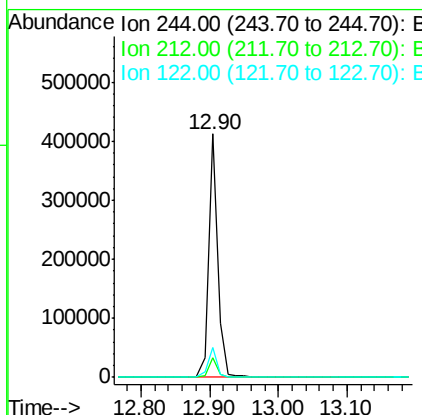
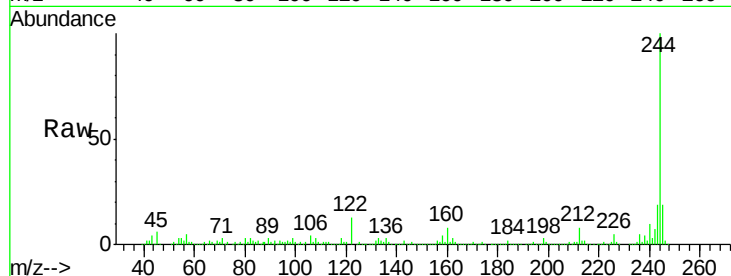




#78
 Terphenyl-d14
 Concen: 40.68 ng
 RT: 12.90 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Tot Ion:244 Resp: 381162
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.6
 122 12.5 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.06 min
 Lab File: BF082445.D
 Acq: 22 Oct 2015 11:57

Tgt Ion:264 Resp: 232929
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 20.7 17.3 25.9

