

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082364.D
 Acq On : 19 Oct 2015 19:21
 Operator : UM/IZ
 Sample : G3918-03RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC100215-LRE

Quant Time: Oct 20 02:04:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

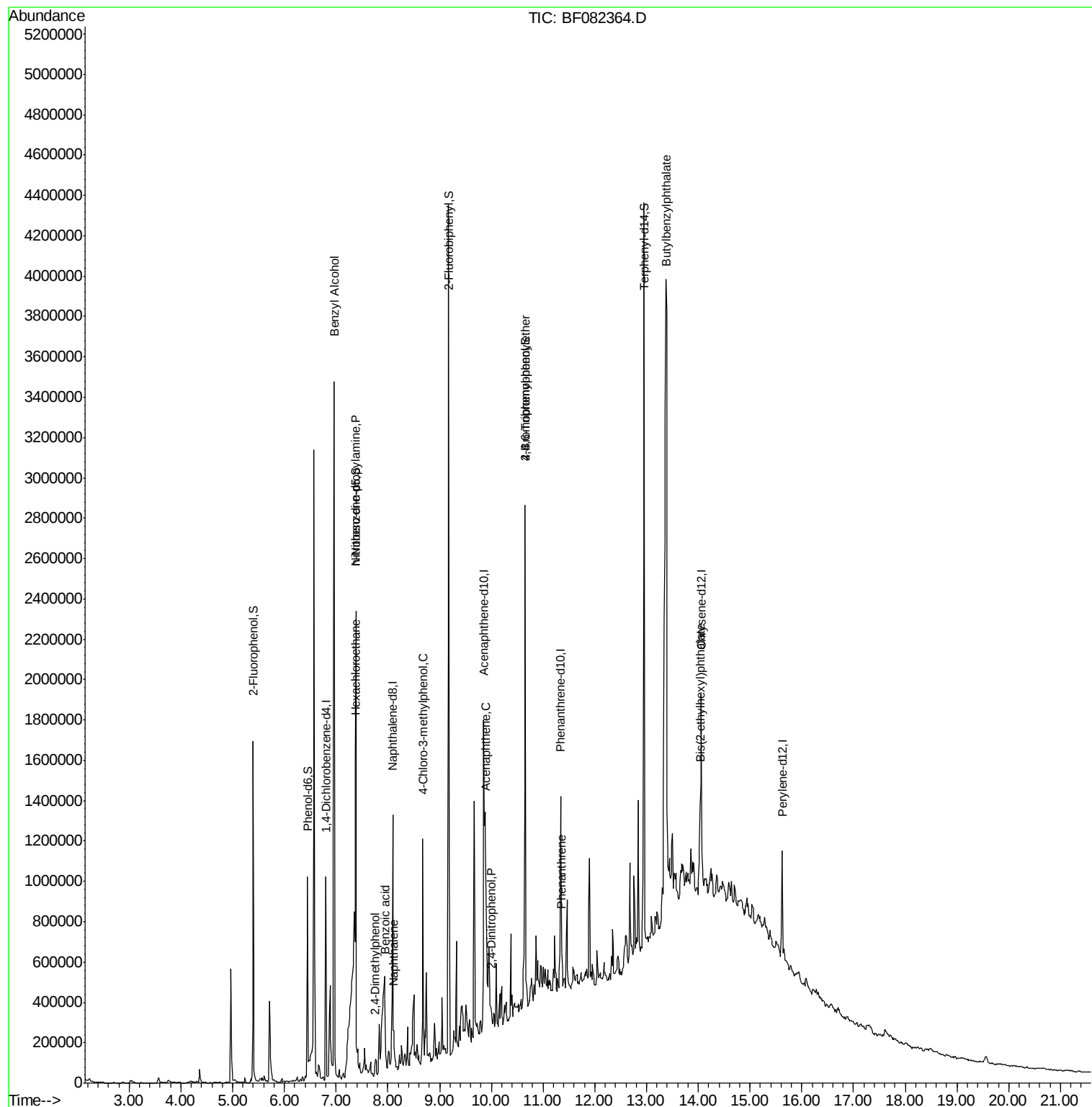
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153808	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	598589	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	289540	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	507684	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	401061	20.00	ng	-0.03
86) Perylene-d12	15.62	264	329811	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	535862	70.31	ng	0.00
7) Phenol-d6	6.45	99	457527	46.13	ng	0.00
23) Nitrobenzene-d5	7.38	82	1047605	117.53	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	347334	127.92	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1739603	99.64	ng	0.00
78) Terphenyl-d14	12.95	244	1513196	99.98	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.96	79	25589	3.74	ng	# 61
18) Hexachloroethane	7.37	117	20780	5.37	ng	# 7
19) n-Nitroso-di-n-propylamine	7.38	70	243307	34.93	ng	# 79
27) 2,4-Dimethylphenol	7.76	122	18046	2.33	ng	93
31) Naphthalene	8.11	128	63526	2.45	ng	99
32) Benzoic acid	7.94	122	32000	6.14	ng	92
36) 4-Chloro-3-methylphenol	8.67	107	143797	18.95	ng	# 22
51) Acenaphthene	9.89	154	35904	2.21	ng	99
53) 2,4-Dinitrophenol	10.00	184	1078	6.81	ng	90
55) 4-Nitrophenol	9.95	139	2571	Below Cal		# 10
66) 4-Bromophenyl-phenylether	10.65	248	26973	5.31	ng	# 1
70) Phenanthrene	11.36	178	70827	2.85	ng	94
79) Butylbenzylphthalate	13.38	149	29176	2.69	ng	# 44
83) Bis(2-ethylhexyl)phthalate	14.04	149	213330	13.77	ng	# 99

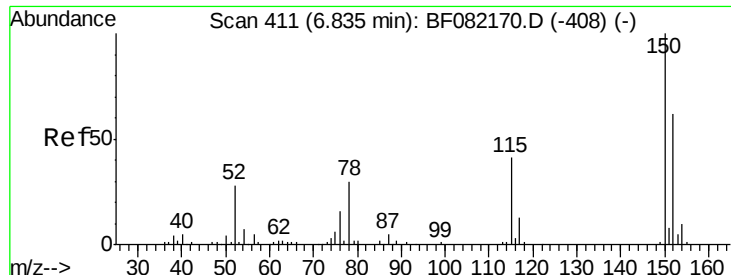
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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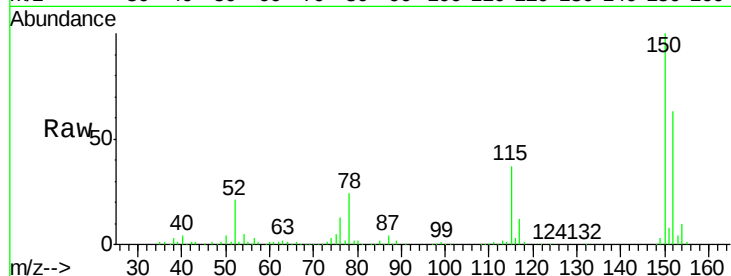




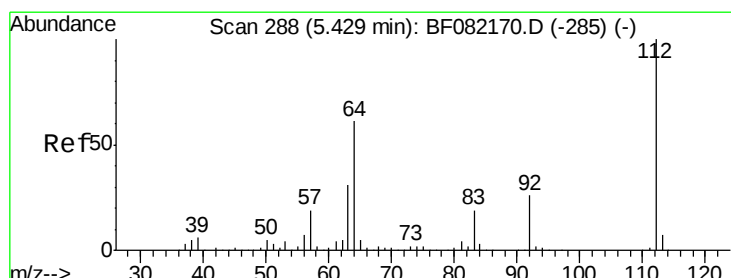
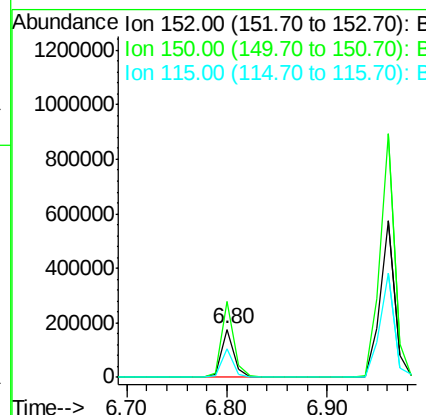
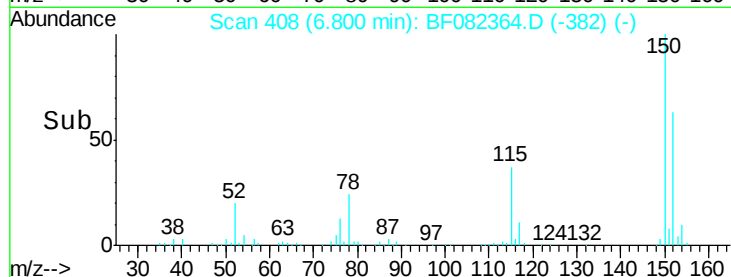
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF082364.D
 Acq: 19 Oct 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 WC100215-LRE

Tot Ion:152 Resp: 153808
 Ion Ratio Lower Upper
 152 100
 150 159.3 129.0 193.4
 115 58.5 52.1 78.1

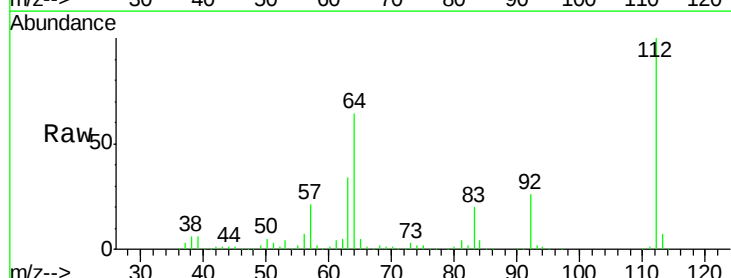


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

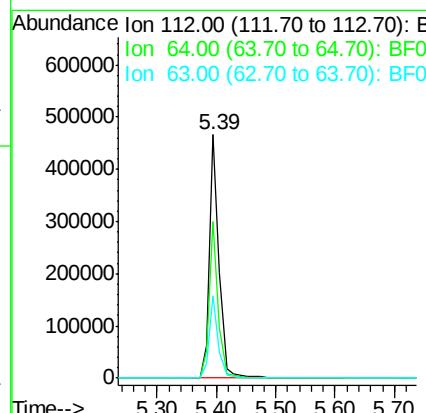
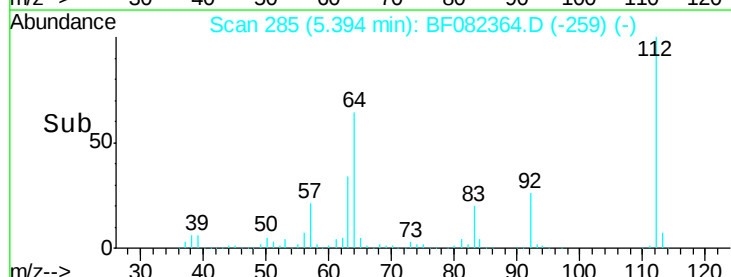


#5
 2-Fluorophenol
 Concen: 70.31 ng
 RT: 5.39 min Scan# 285
 Delta R.T. 0.00 min
 Lab File: BF082364.D
 Acq: 19 Oct 2015 19:21

Tgt Ion:112 Resp: 535862
 Ion Ratio Lower Upper
 112 100
 64 64.1 48.6 73.0
 63 34.0 25.1 37.7



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: 46.13 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

Instrument :

BNA_F

ClientSampleId :

WC100215-LRE

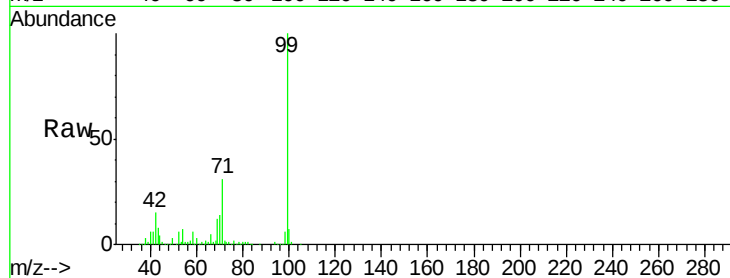
Tot Ion: 99 Resp: 457527

Ion Ratio Lower Upper

99 100

42 15.0 13.2 19.8

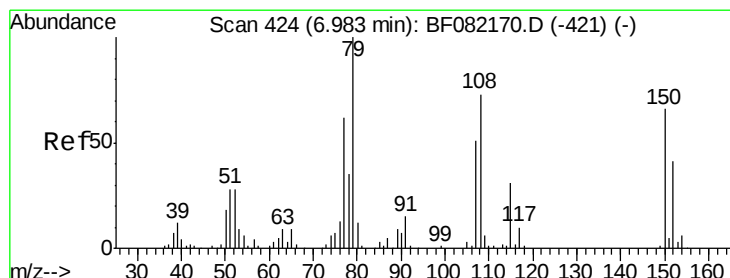
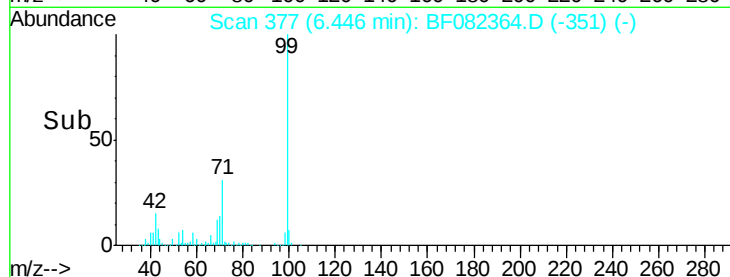
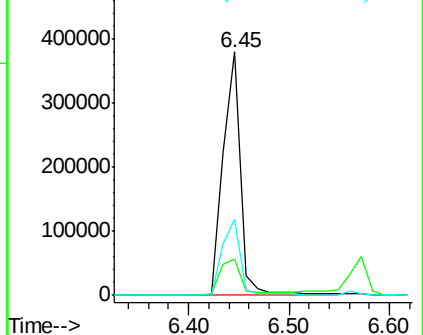
71 31.0 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 3.74 ng

RT: 6.96 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

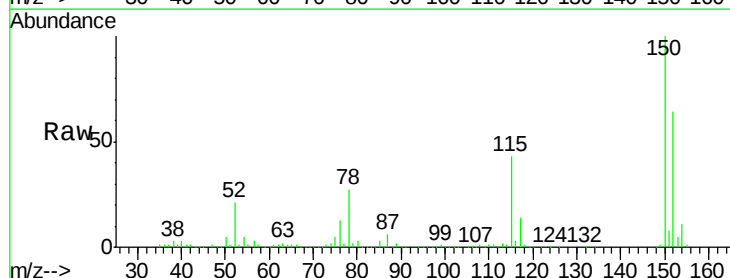
Tgt Ion: 79 Resp: 25589

Ion Ratio Lower Upper

79 100

108 36.1 58.4 87.6#

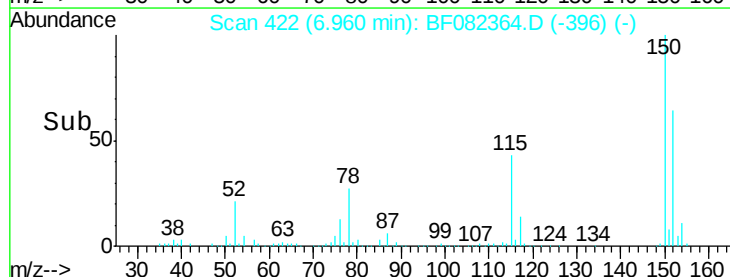
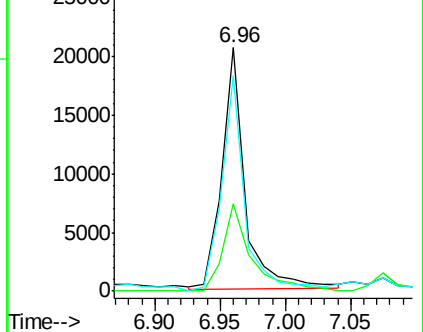
77 88.4 49.8 74.6#

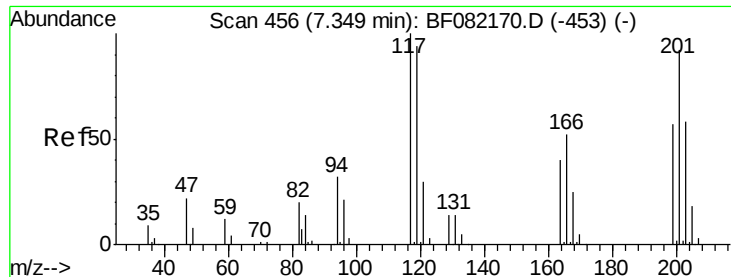


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

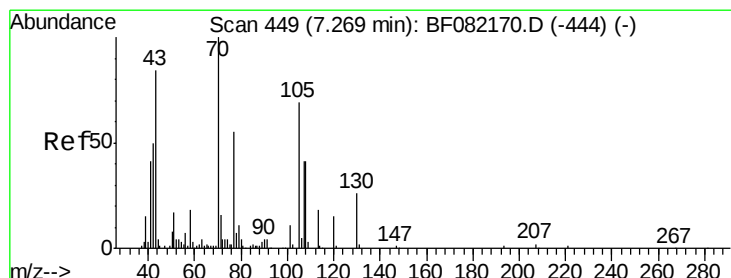
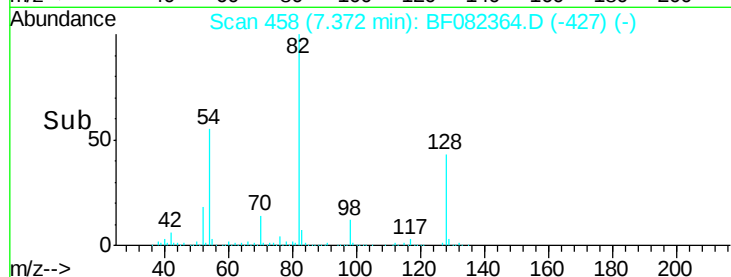
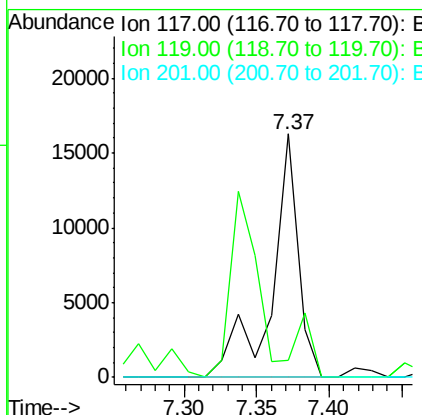
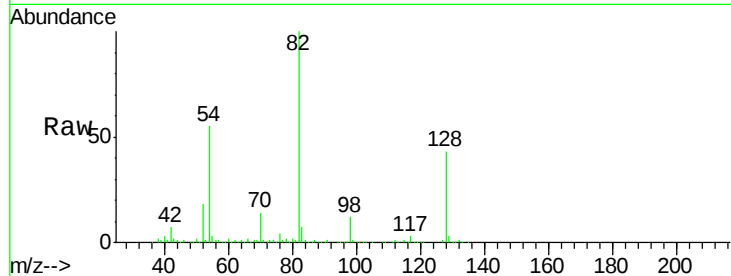




#18
Hexachloroethane
Concen: 5.37 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.06 min
Lab File: BF082364.D
Acq: 19 Oct 2015 19:21

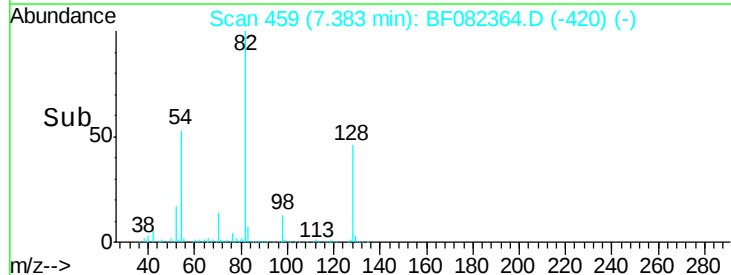
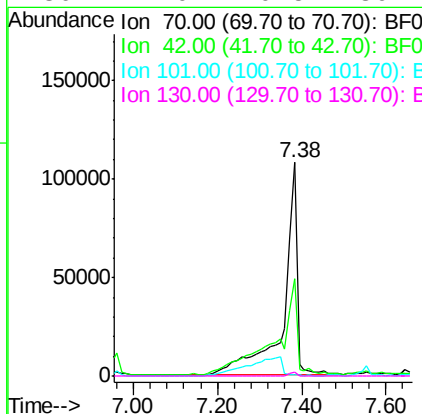
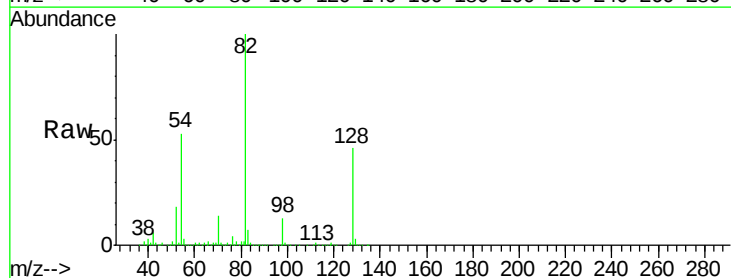
Instrument :
BNA_F
ClientSampleId :
WC100215-LRE

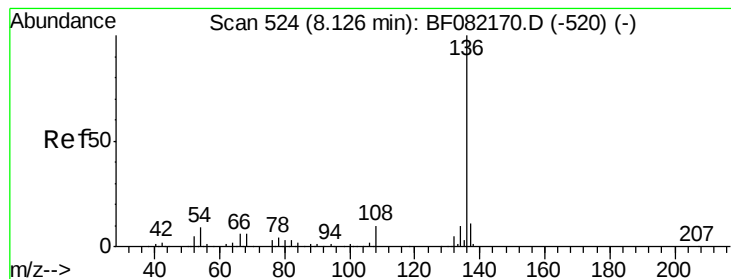
Tot Ion:117 Resp: 20780
Ion Ratio Lower Upper
117 100
119 7.1 75.4 113.2#
201 0.0 73.4 110.0#



#19
n-Nitroso-di-n-propylamine
Concen: 34.93 ng
RT: 7.38 min Scan# 459
Delta R.T. 0.15 min
Lab File: BF082364.D
Acq: 19 Oct 2015 19:21

Tgt Ion: 70 Resp: 243307
Ion Ratio Lower Upper
70 100
42 45.3 39.8 59.8
101 0.3 8.6 13.0#
130 2.0 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

Instrument :

BNA_F

ClientSampleId :

WC100215-LRE

Tot Ion:136 Resp: 598589

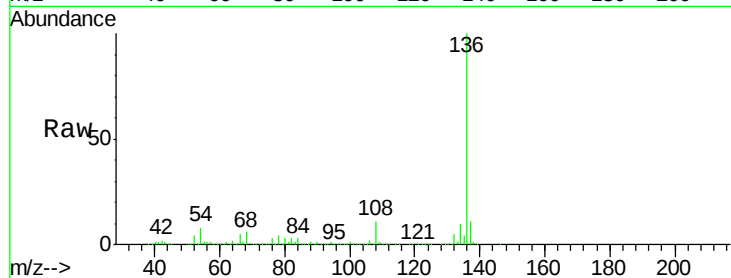
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.3 7.5 11.3

68 5.6 4.6 7.0

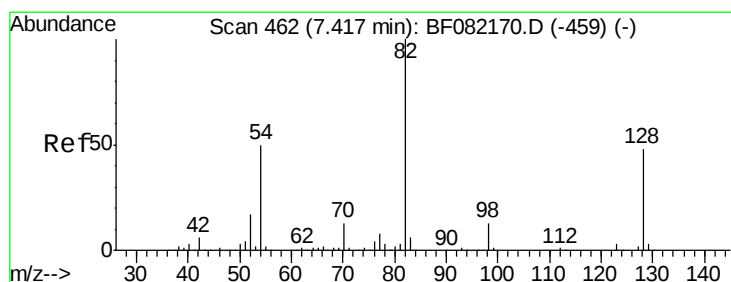
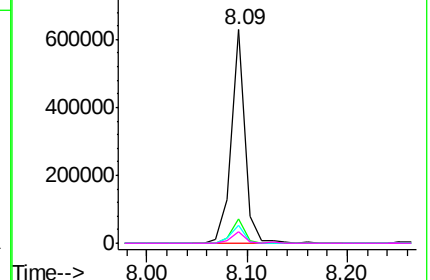
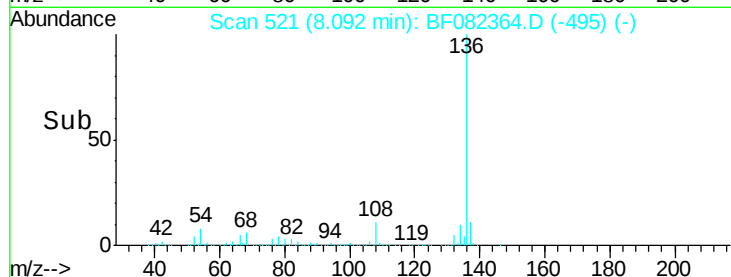


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 117.53 ng

RT: 7.38 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

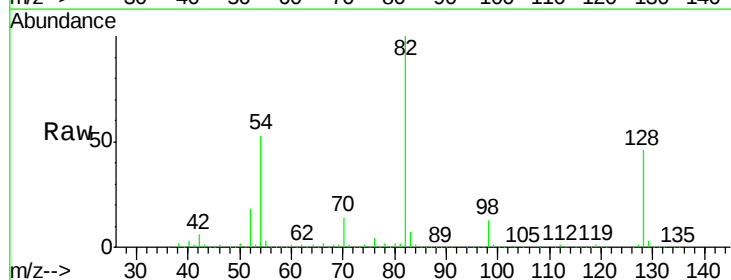
Tgt Ion: 82 Resp: 1047605

Ion Ratio Lower Upper

82 100

128 45.6 38.7 58.1

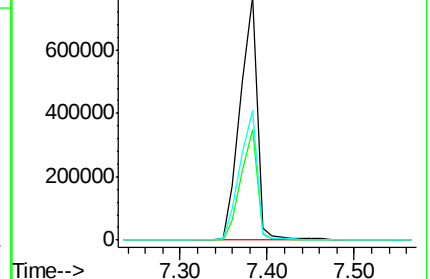
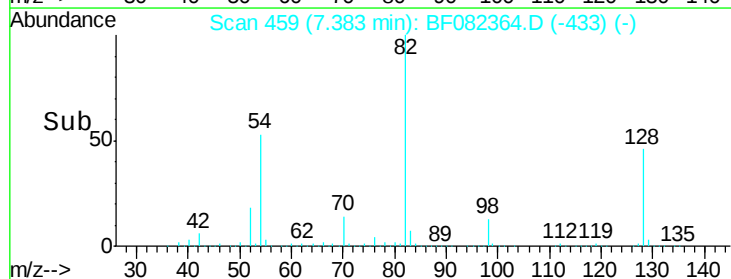
54 53.5 40.1 60.1

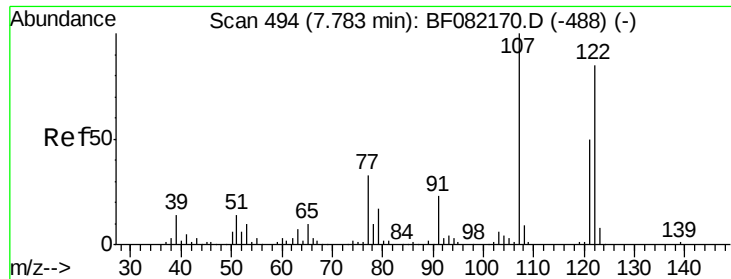


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 2.33 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF082364.D

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WC100215-LRE

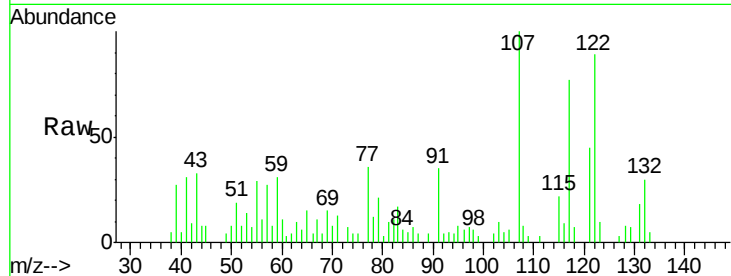
Tot Ion:122 Resp: 18046

Ion Ratio Lower Upper

122 100

107 112.3 94.0 141.0

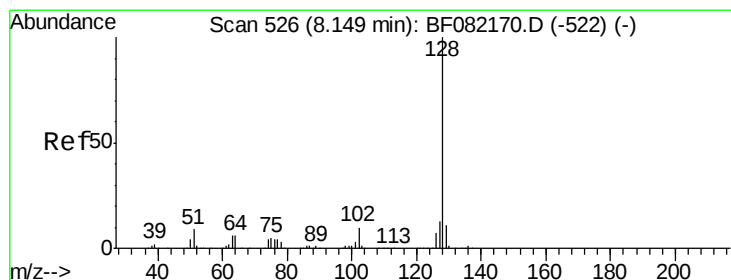
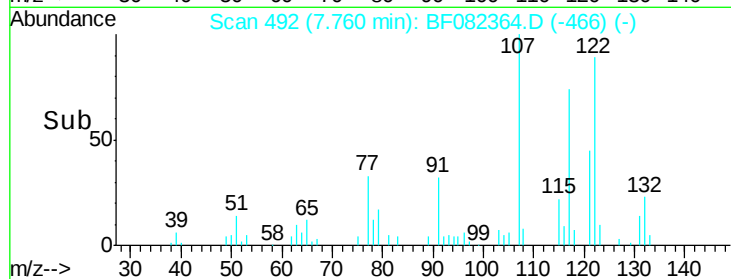
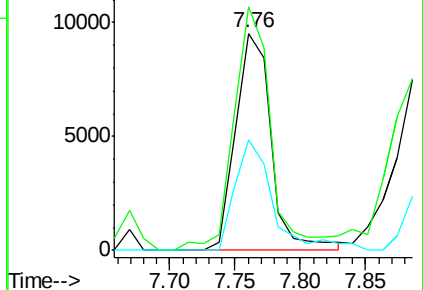
121 50.8 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 2.45 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

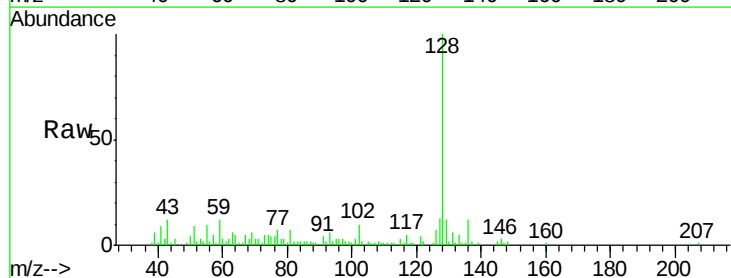
Tgt Ion:128 Resp: 63526

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

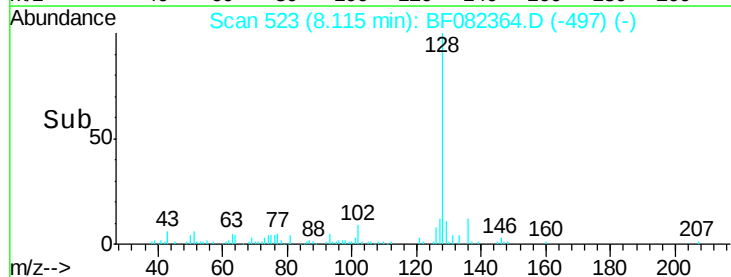
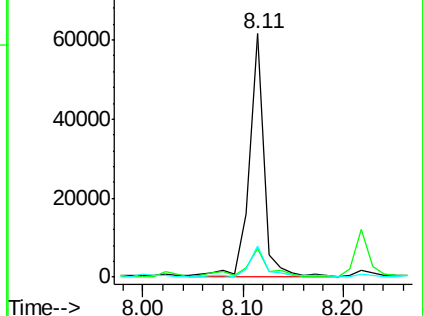
127 12.7 10.7 16.1

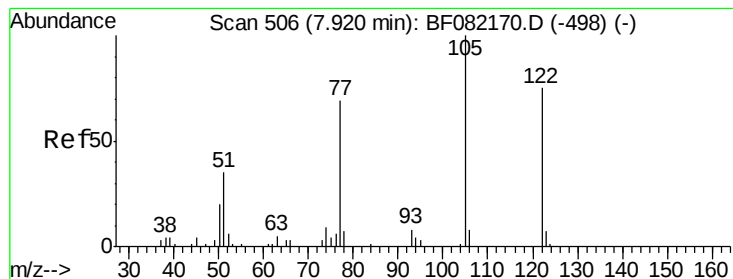


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.14 ng

RT: 7.94 min Scan# 508

Delta R.T. 0.03 min

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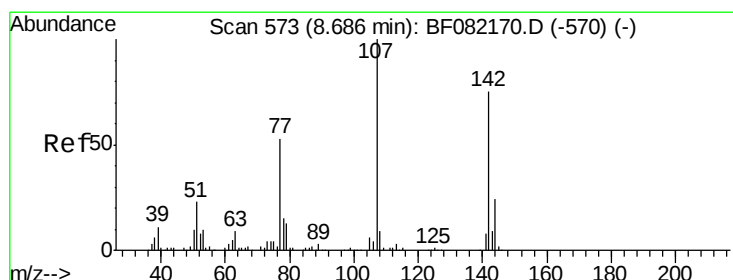
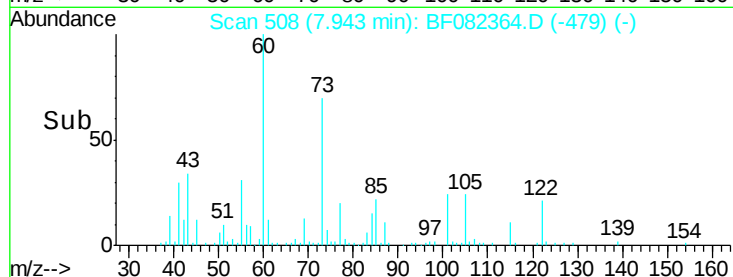
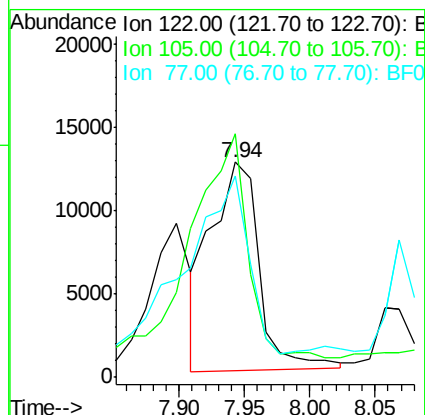
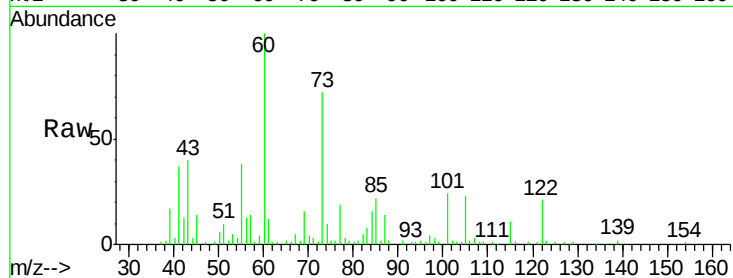
Tot Ion:122 Resp: 32000

Ion Ratio Lower Upper

122 100

105 113.2 104.4 144.4

77 93.4 69.0 109.0



#36

4-Chloro-3-methylphenol

Concen: 18.95 ng

RT: 8.67 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

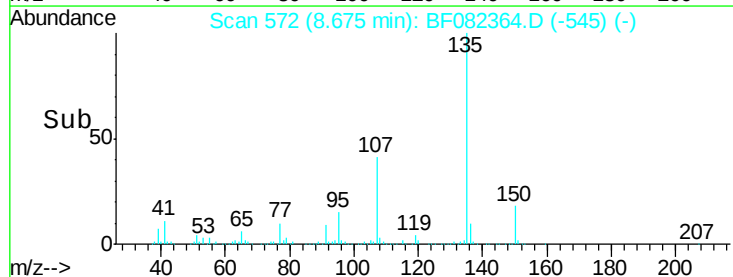
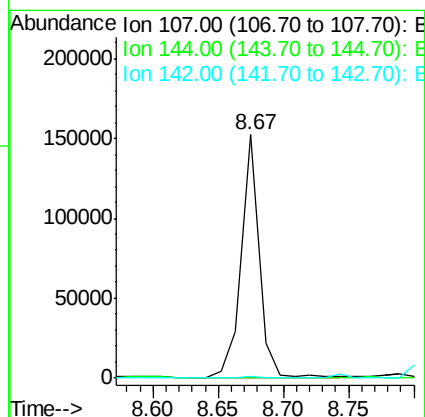
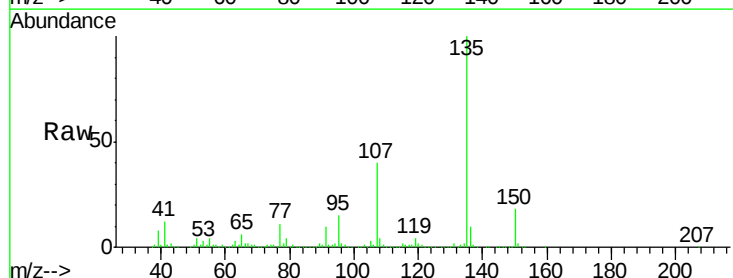
Tgt Ion:107 Resp: 143797

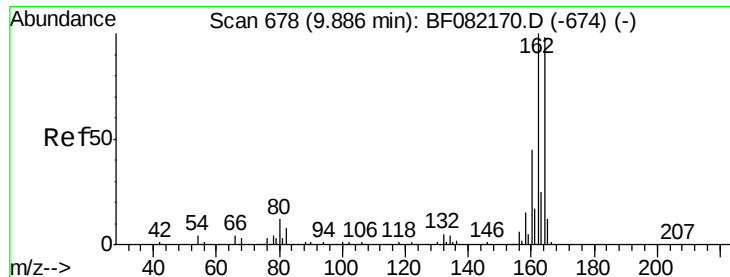
Ion Ratio Lower Upper

107 100

144 0.3 19.3 28.9#

142 0.6 59.9 89.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

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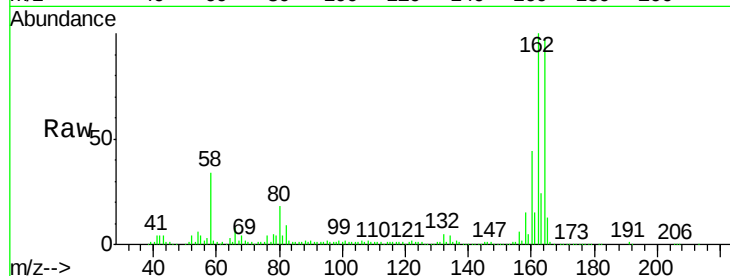
Tot Ion:164 Resp: 289540

Ion Ratio Lower Upper

164 100

162 102.8 81.6 122.4

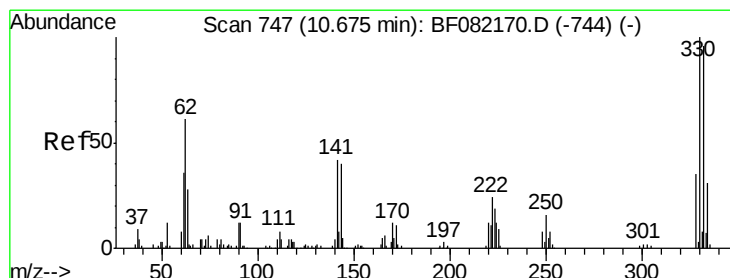
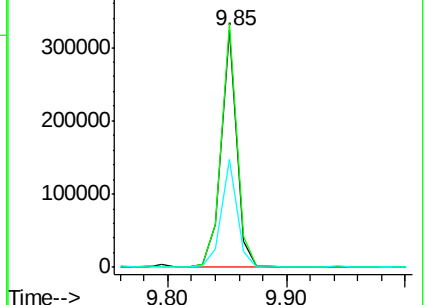
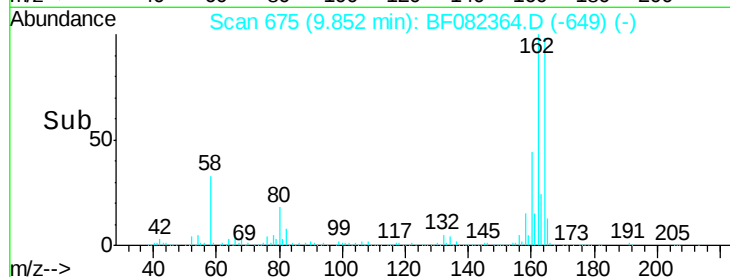
160 45.4 36.4 54.6



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: 127.92 ng

RT: 10.65 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

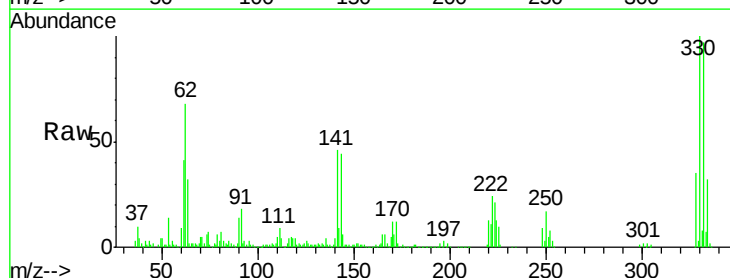
Tgt Ion:330 Resp: 347334

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

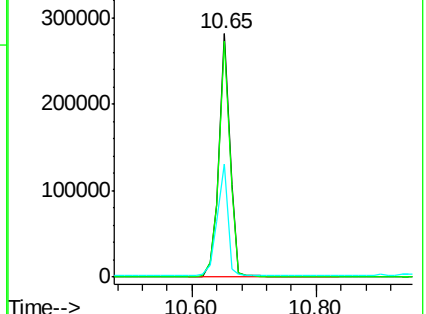
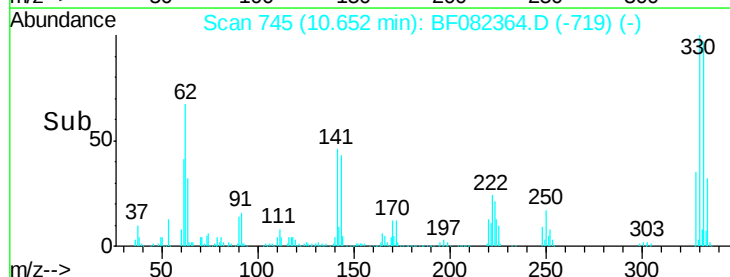
141 43.0 29.8 44.8

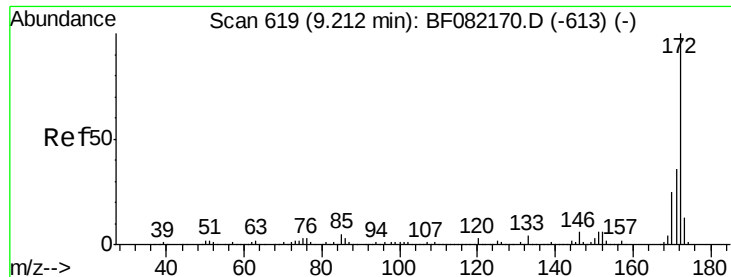


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

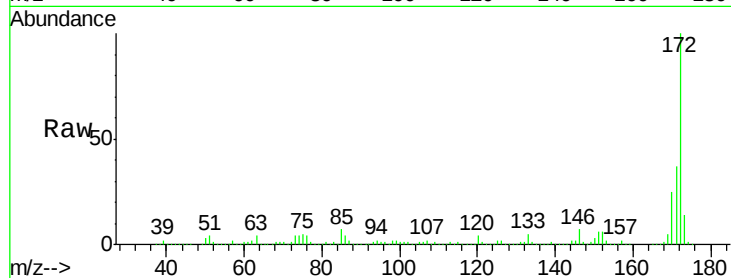




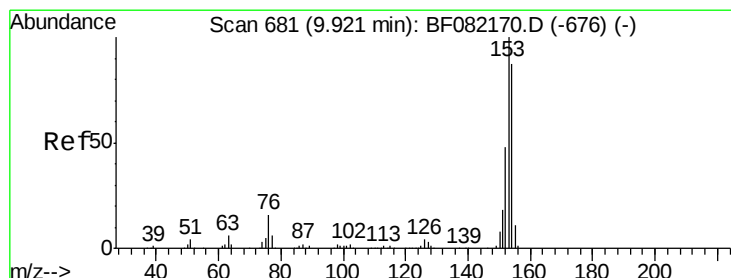
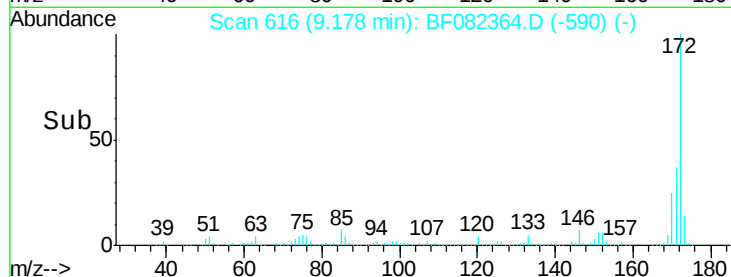
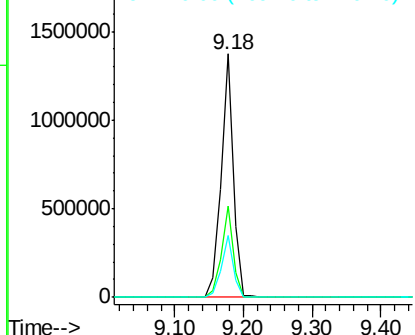
#44
 2-Fluorobiphenyl
 Concen: 99.64 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082364.D
 Acq: 19 Oct 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 WC100215-LRE

Tot Ion:172 Resp: 1739603
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.6 42.8
 170 25.2 19.7 29.5

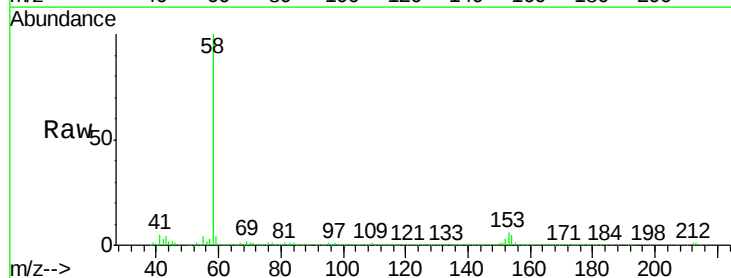


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

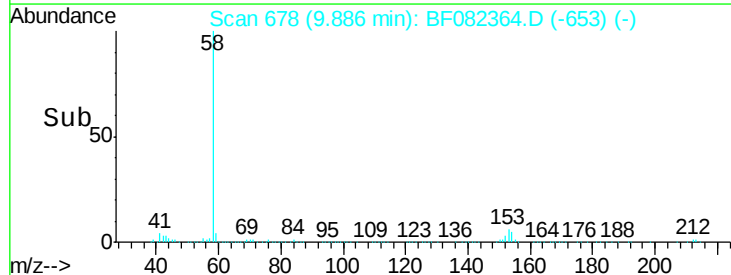
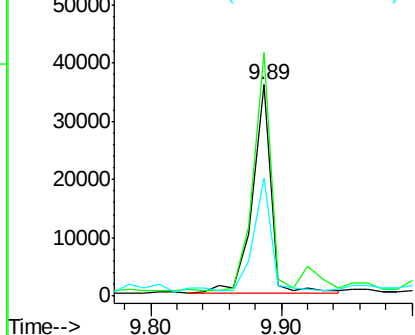


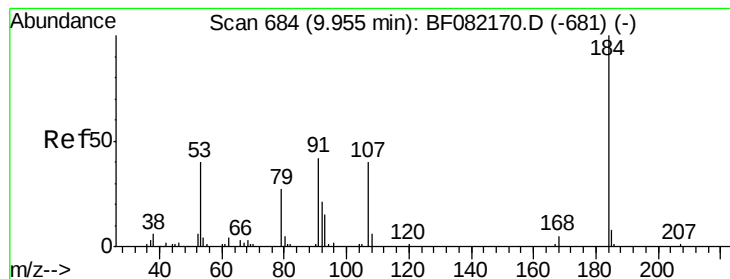
#51
 Acenaphthene
 Concen: 2.21 ng
 RT: 9.89 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF082364.D
 Acq: 19 Oct 2015 19:21

Tgt Ion:154 Resp: 35904
 Ion Ratio Lower Upper
 154 100
 153 115.2 91.4 137.2
 152 56.0 44.3 66.5



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





#53

2,4-Dinitrophenol

Concen: 6.81 ng

RT: 10.00 min Scan# 688

Delta R.T. 0.07 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

Instrument :

BNA_F

ClientSampleId :

WC100215-LRE

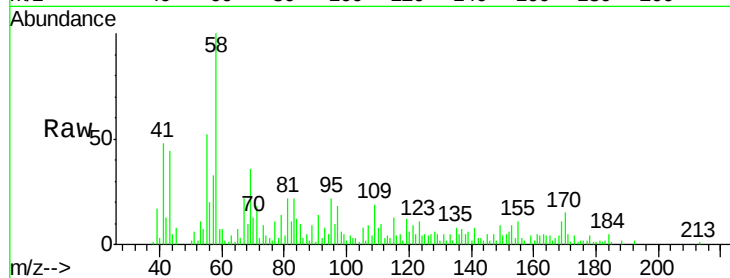
Tot Ion:184 Resp: 1078

Ion Ratio Lower Upper

184 100

63 67.6 45.1 67.7

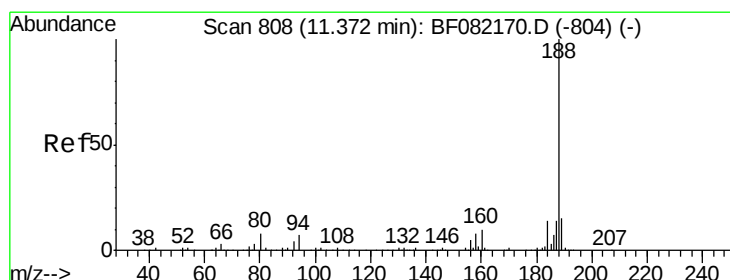
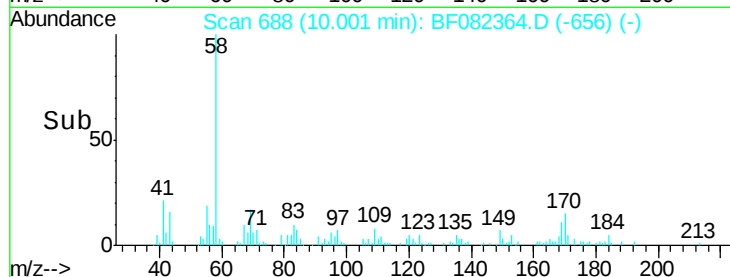
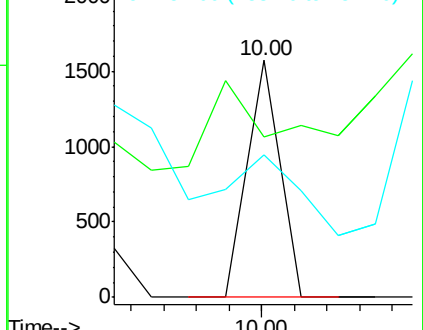
154 60.4 51.2 76.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

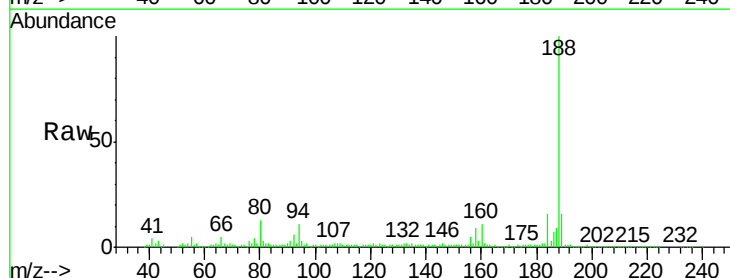
Tgt Ion:188 Resp: 507684

Ion Ratio Lower Upper

188 100

94 11.3 5.8 8.6#

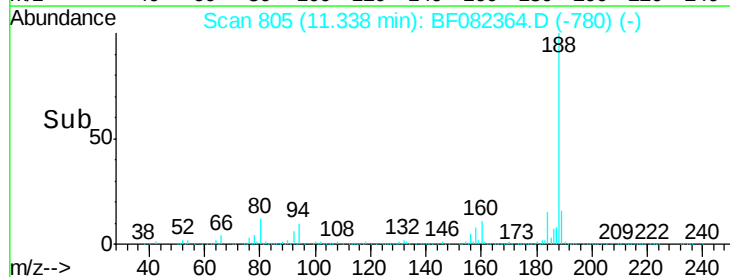
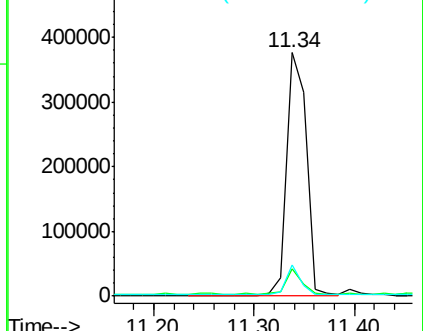
80 12.8 6.4 9.6#

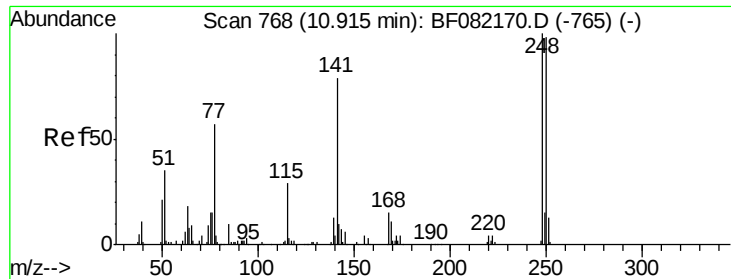


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

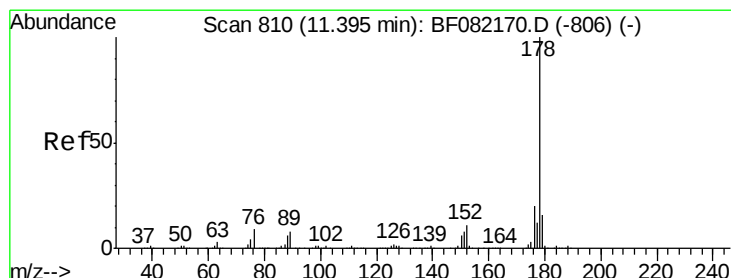
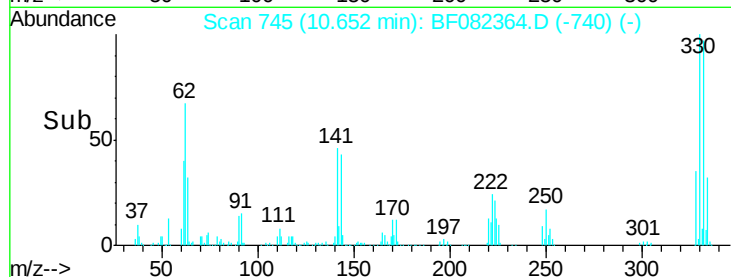
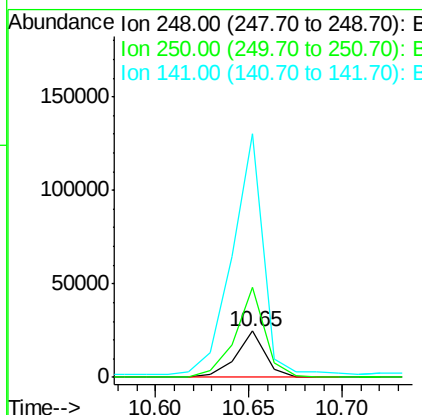
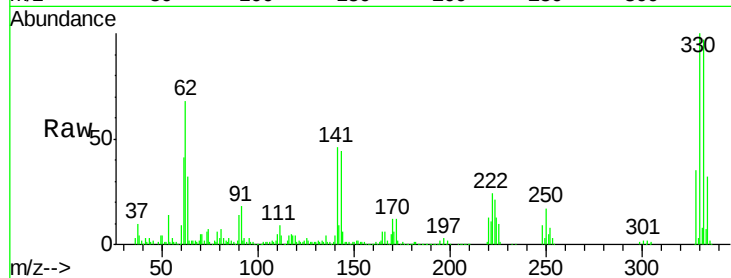




#66
4-Bromophenyl-phenylether
Concen: 5.31 ng
RT: 10.65 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF082364.D
Acq: 19 Oct 2015 19:21

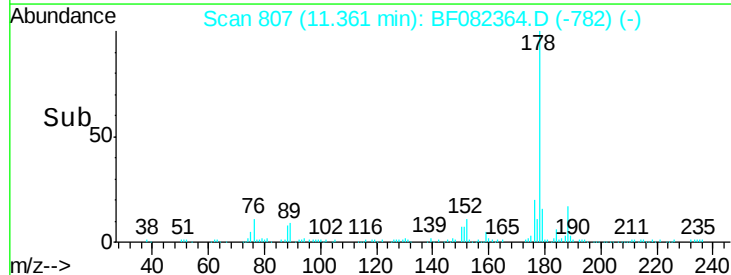
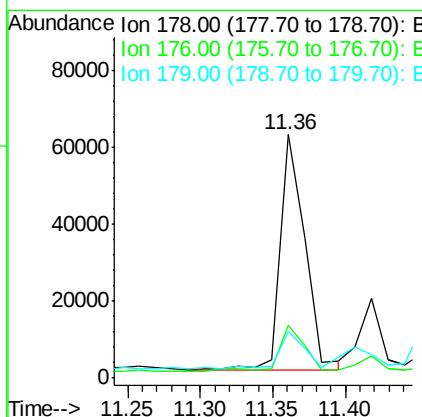
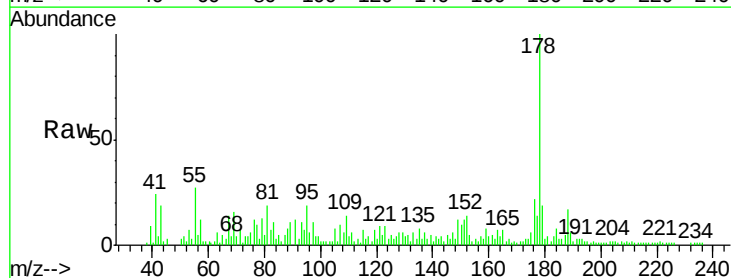
Instrument :
BNA_F
ClientSampleId :
WC100215-LRE

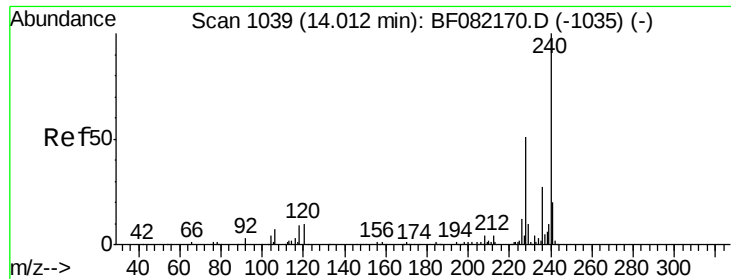
Tot Ion:248 Resp: 26973
Ion Ratio Lower Upper
248 100
250 195.8 78.6 117.8#
141 529.5 63.3 94.9#



#70
Phenanthrene
Concen: 2.85 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082364.D
Acq: 19 Oct 2015 19:21

Tgt Ion:178 Resp: 70827
Ion Ratio Lower Upper
178 100
176 21.9 16.0 24.0
179 18.9 12.6 19.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

Instrument :

BNA_F

ClientSampleId :

WC100215-LRE

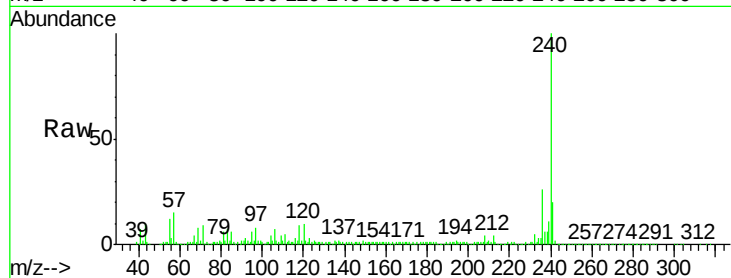
Tot Ion:240 Resp: 401061

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

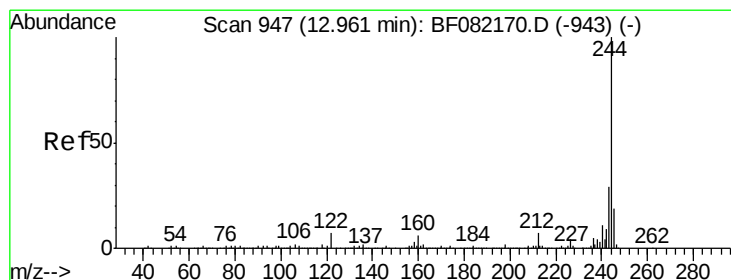
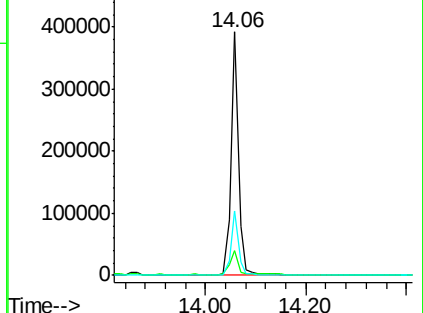
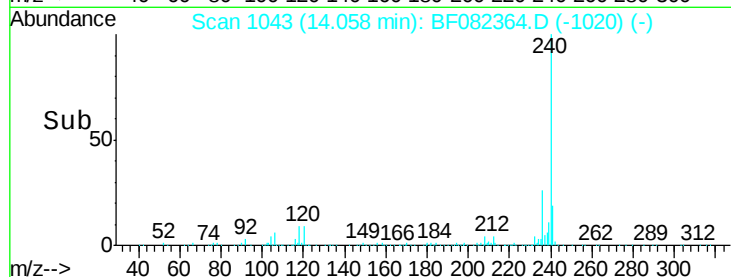
236 26.4 21.3 31.9



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: 99.98 ng

RT: 12.95 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF082364.D

Acq: 19 Oct 2015 19:21

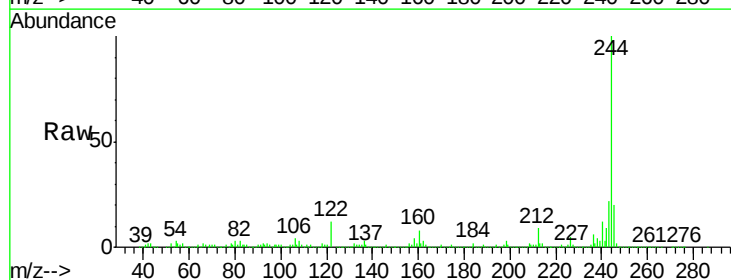
Tgt Ion:244 Resp: 1513196

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

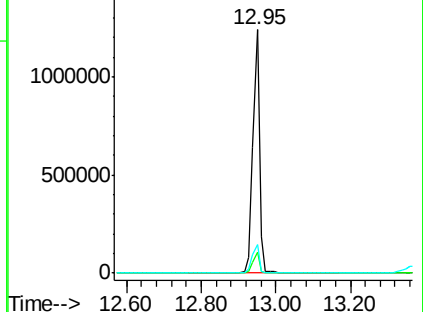
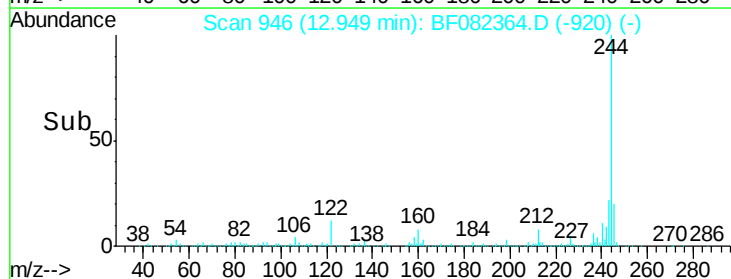
122 11.9 5.9 8.9#

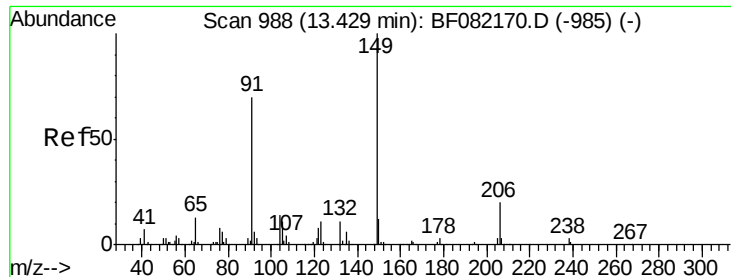


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

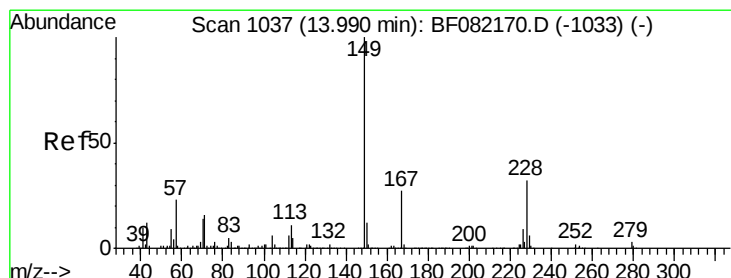
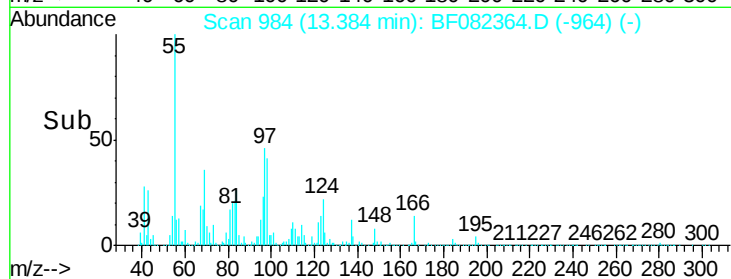
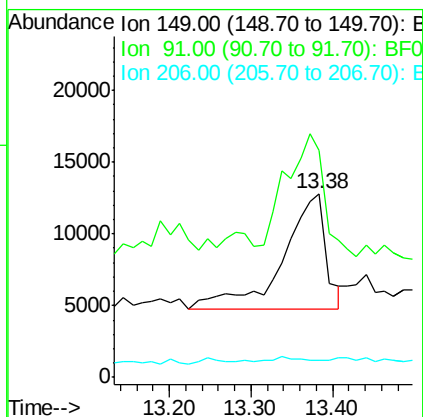
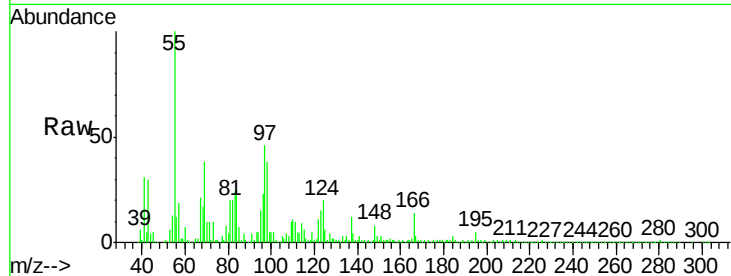




#79
 Butylbenzylphthalate
 Concen: 2.69 ng
 RT: 13.38 min Scan# 984
 Delta R.T. -0.07 min
 Lab File: BF082364.D
 Acq: 19 Oct 2015 19:21

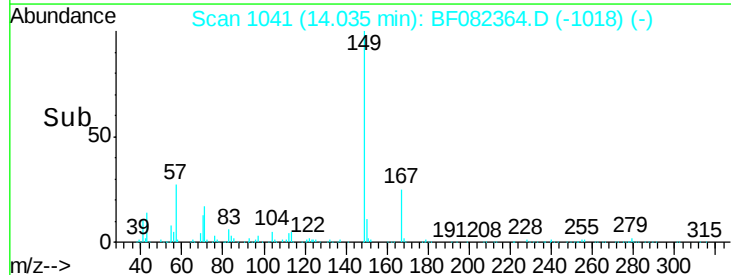
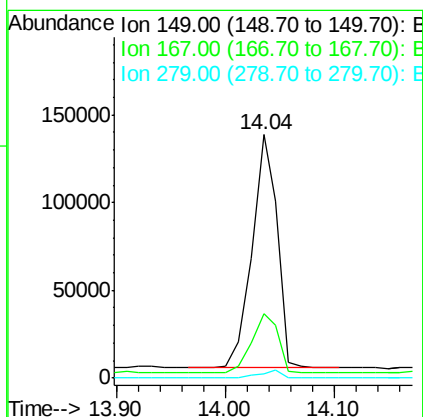
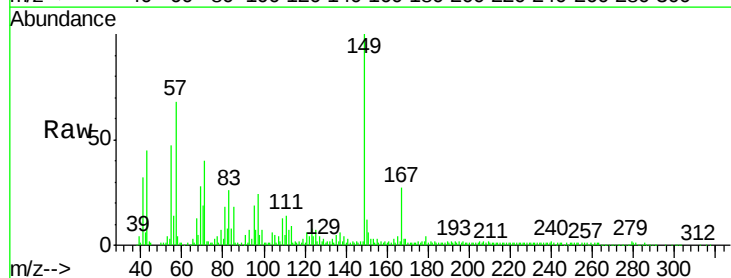
Instrument :
 BNA_F
 ClientSampleId :
 WC100215-LRE

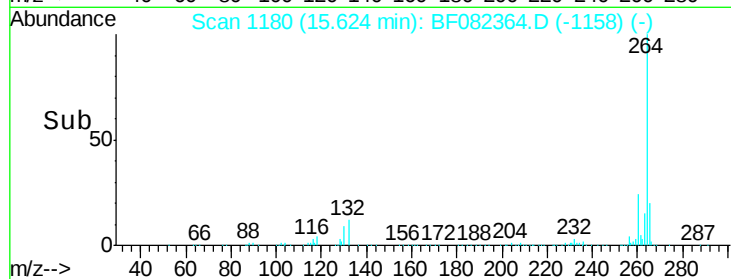
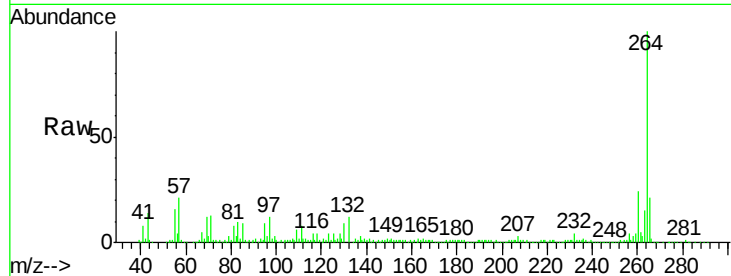
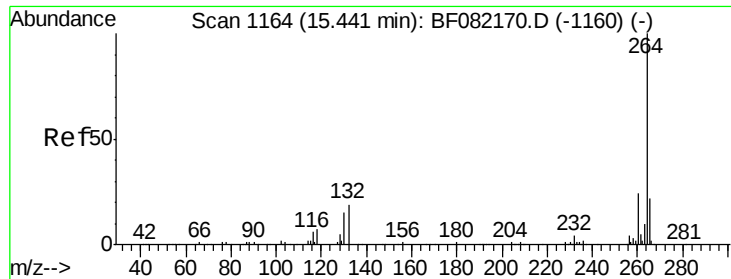
Tot Ion:149 Resp: 29176
 Ion Ratio Lower Upper
 149 100
 91 123.5 55.7 83.5#
 206 9.3 15.6 23.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.77 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082364.D
 Acq: 19 Oct 2015 19:21

Tgt Ion:149 Resp: 213330
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 1.9 2.6 4.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1180
 Delta R.T. -0.05 min
 Lab File: BF082364.D
 Acq: 19 Oct 2015 19:21

Instrument :
 BNA_F
 ClientSampleId :
 WC100215-LRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	20.7	17.3	25.9

