

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078232.D
 Acq On : 3 Apr 2015 8:24
 Operator : TP/IZ
 Sample : G1653-07RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD3RE

Quant Time: Apr 03 12:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

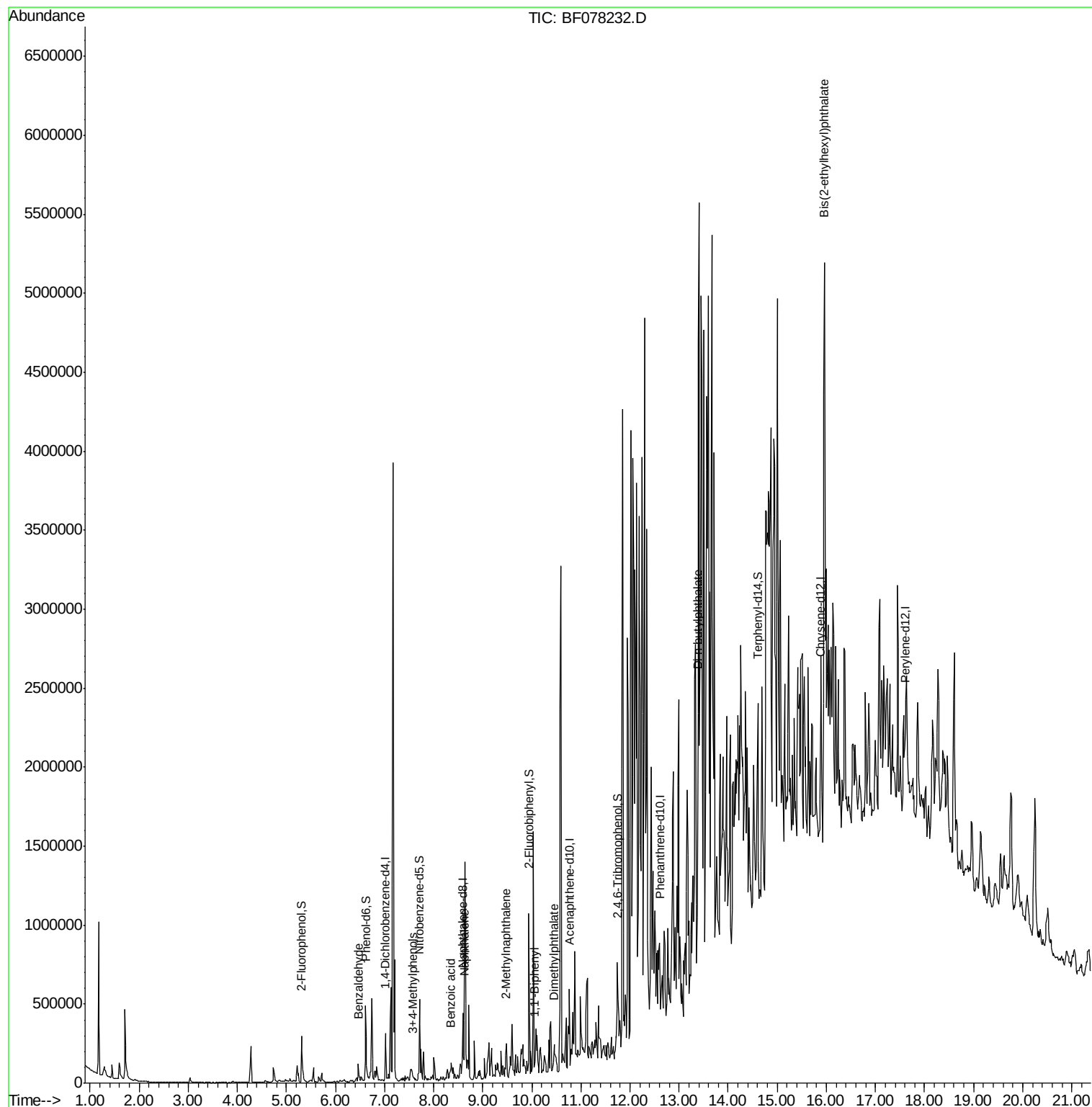
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	45574	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	189085	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	93451	20.00	ng	0.00
63) Phenanthrene-d10	12.60	188	180310	20.00	ng	0.01
75) Chrysene-d12	15.88	240	166277	20.00	ng	0.01
86) Perylene-d12	17.61	264	178350	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	131761	47.67	ng	0.01
7) Phenol-d6	6.61	99	187402	54.10	ng	0.01
23) Nitrobenzene-d5	7.71	82	185695	59.53	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	22102	28.52	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	356744	54.57	ng	0.00
78) Terphenyl-d14	14.60	244	86511	11.76	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	30627	13.34	ng	92
20) 3+4-Methylphenols	7.58	107	10087	2.98	ng	93
31) Naphthalene	8.62	128	46732	4.75	ng	99
32) Benzoic acid	8.34	122	7048	10.35	ng	# 58
37) 2-Methylnaphthalene	9.48	142	64099	9.59	ng	99
45) 1,1'-Biphenyl	10.06	154	20848	2.73	ng	97
49) Dimethylphthalate	10.45	163	65344	9.31	ng	99
73) Di-n-butylphthalate	13.38	149	129884	11.90	ng	# 96
83) Bis(2-ethylhexyl)phthalate	15.96	149	1863259	298.61	ng	100

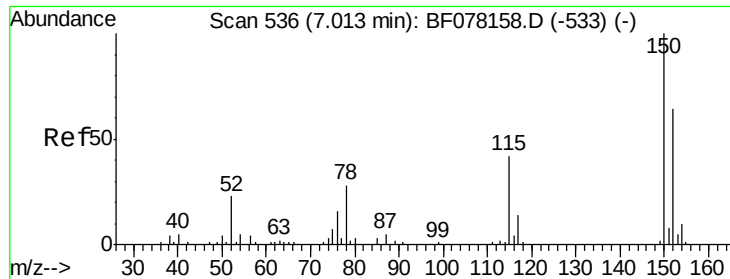
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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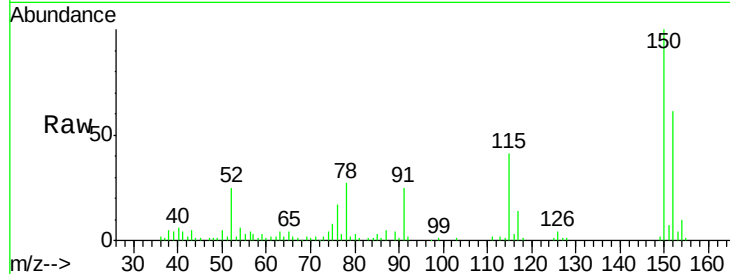


#1

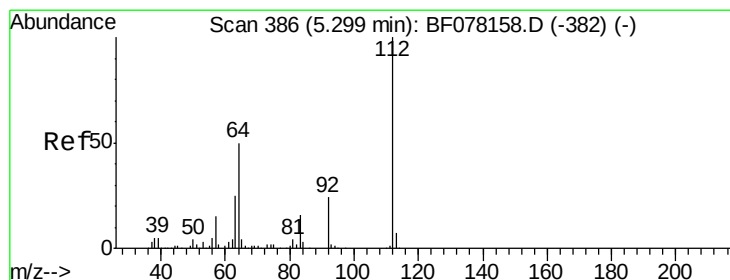
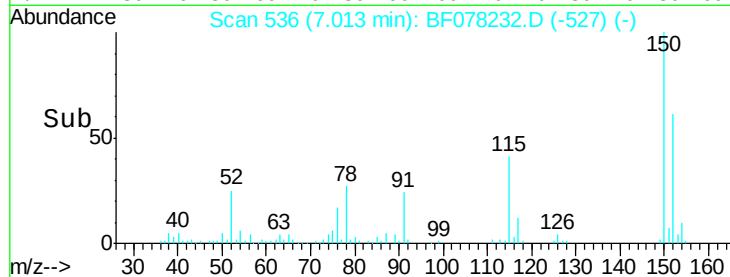
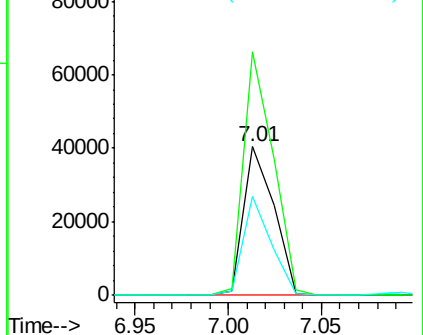
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078232.D
Acq: 3 Apr 2015 8:24

Instrument :
BNA_F
ClientSampleId :
FD3RE

Tot Ion:152 Resp: 45574
Ion Ratio Lower Upper
152 100
150 163.8 125.9 188.9
115 67.0 52.7 79.1



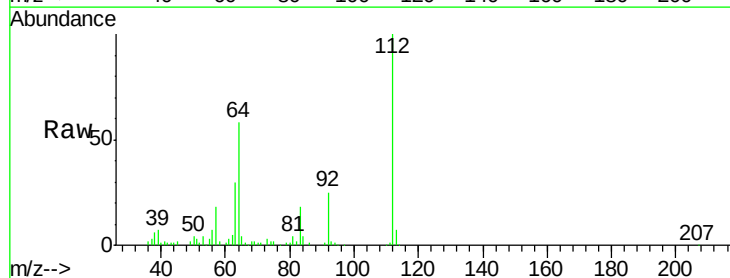
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



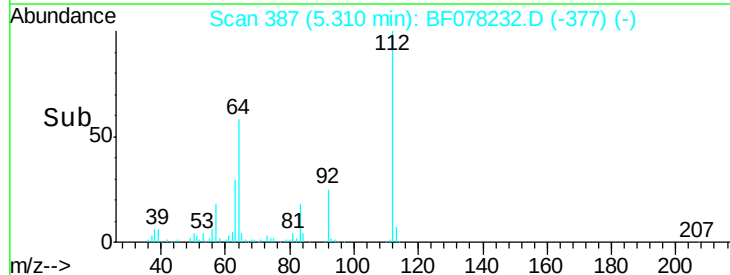
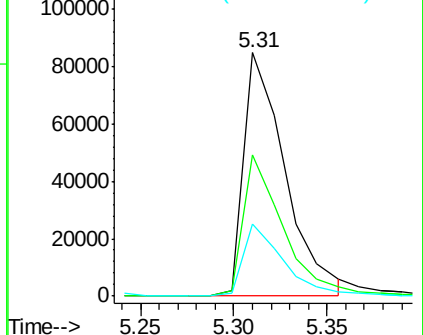
#5

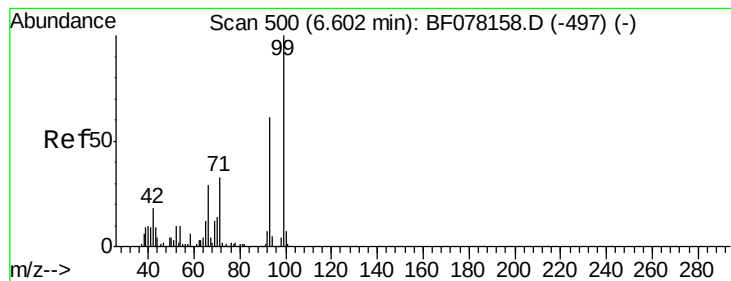
2-Fluorophenol
Concen: 47.67 ng
RT: 5.31 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF078232.D
Acq: 3 Apr 2015 8:24

Tgt Ion:112 Resp: 131761
Ion Ratio Lower Upper
112 100
64 58.2 39.9 59.9
63 29.6 20.2 30.4



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: 54.10 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

Instrument :

BNA_F

ClientSampleId :

FD3RE

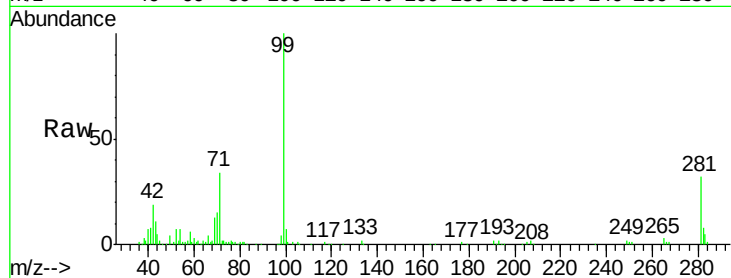
Tot Ion: 99 Resp: 187402

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

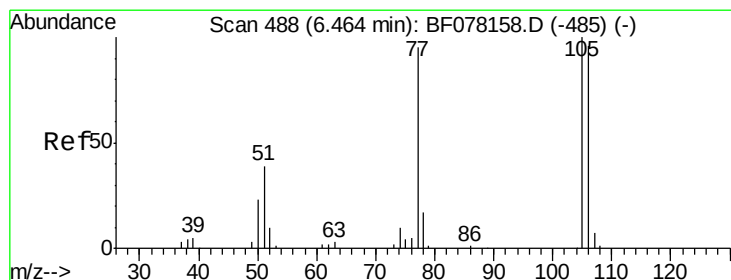
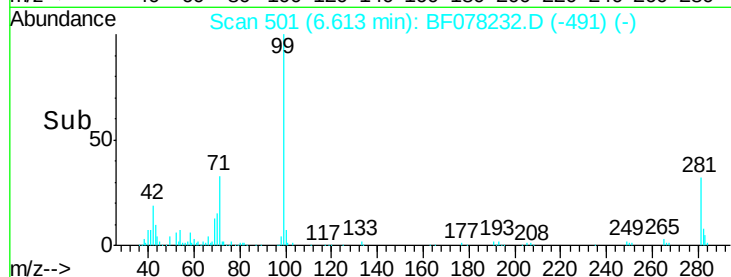
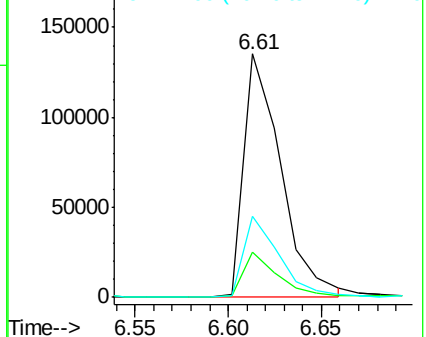
71 33.5 26.6 39.8



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: 13.34 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

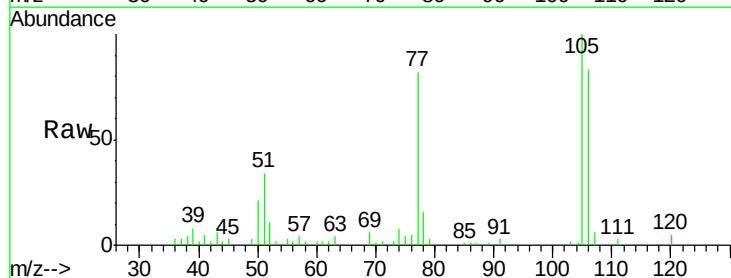
Tgt Ion: 77 Resp: 30627

Ion Ratio Lower Upper

77 100

105 121.3 85.4 125.4

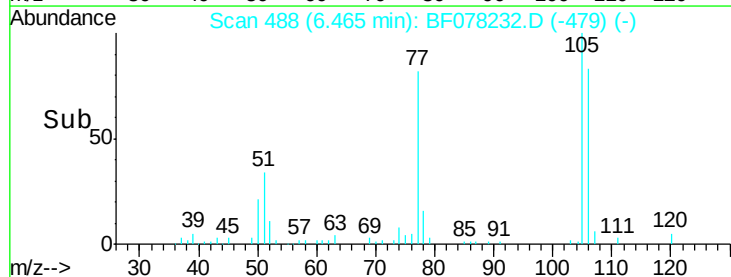
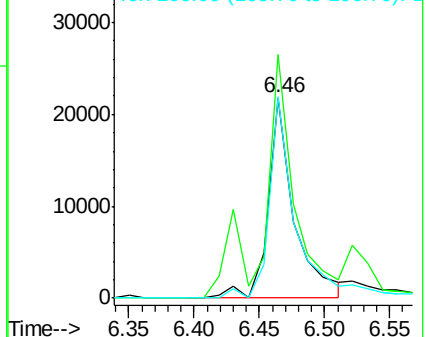
106 100.3 80.8 120.8

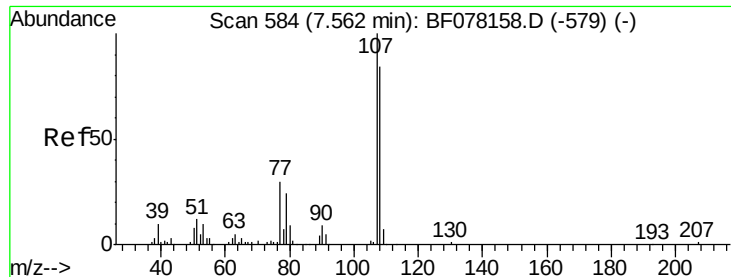


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#20

3+4-Methylphenols

Concen: 2.98 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

Instrument :

BNA_F

ClientSampleId :

FD3RE

Tot Ion:107 Resp: 10087

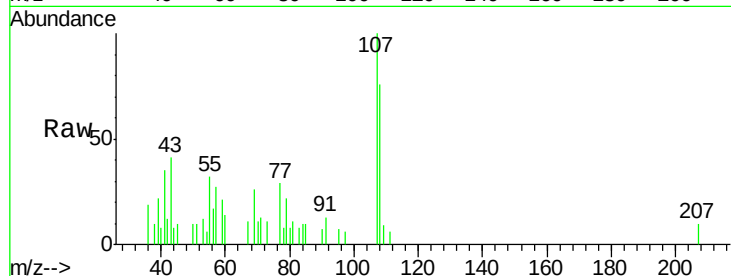
Ion Ratio Lower Upper

107 100

108 75.5 64.4 104.4

77 28.7 9.7 49.7

79 21.6 4.0 44.0

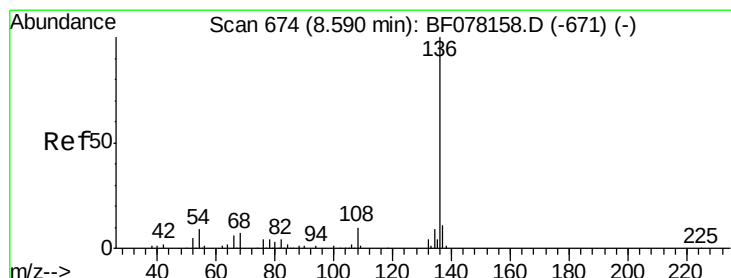
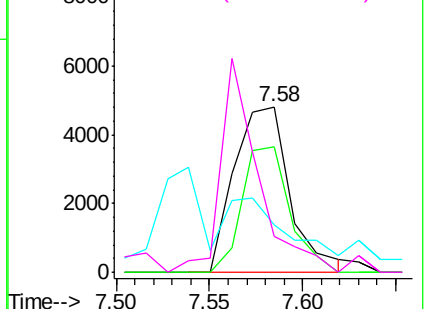
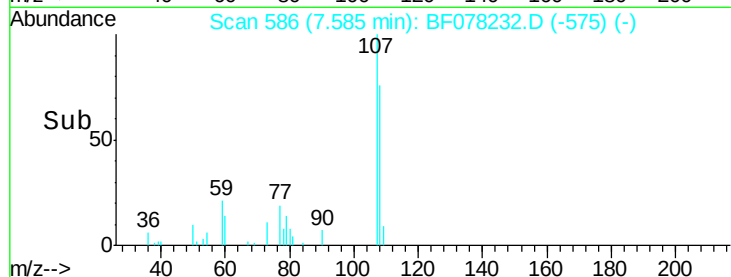


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

Tgt Ion:136 Resp: 189085

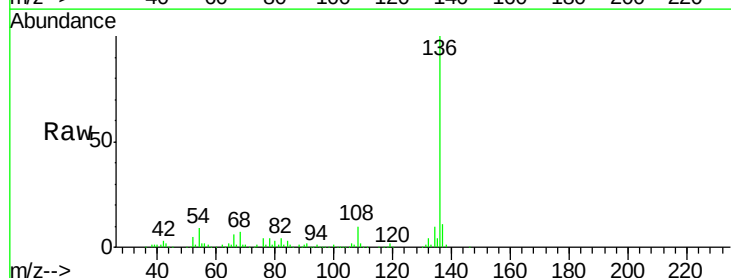
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.8 7.0 10.6

68 6.7 5.4 8.2

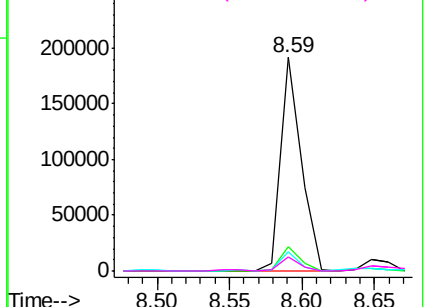
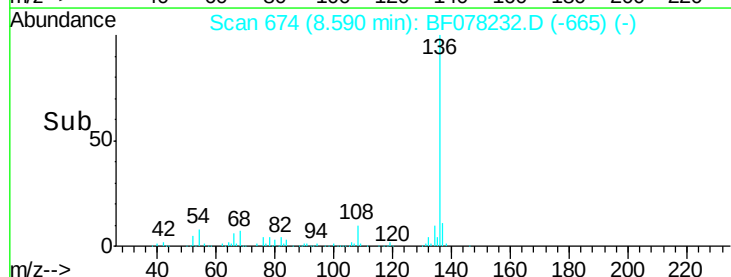


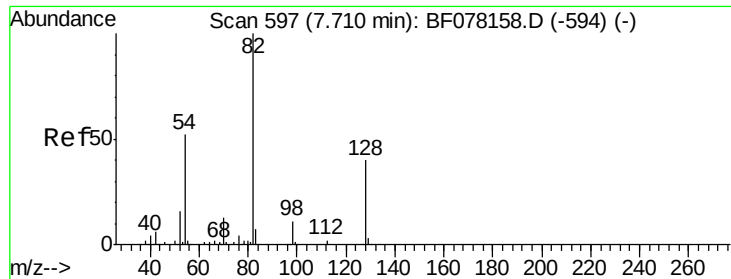
Abundance Ion 136.00 (135.70 to 136.70): E

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

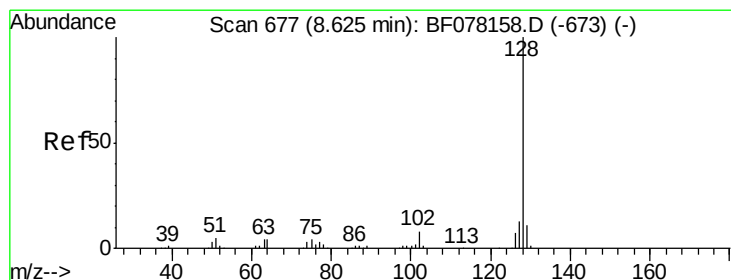
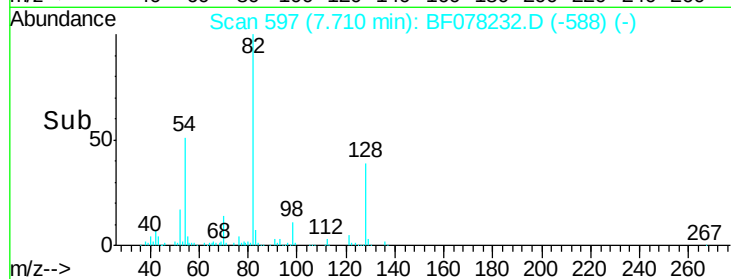
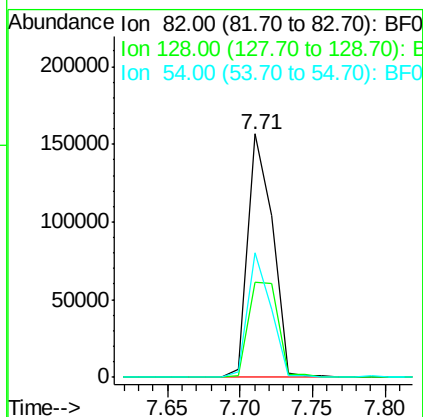
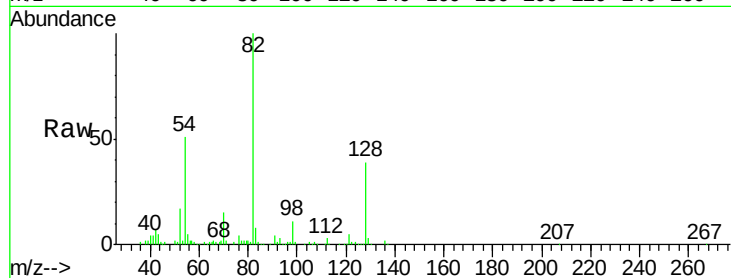




#23
 Nitrobenzene-d5
 Concen: 59.53 ng
 RT: 7.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF078232.D
 Acq: 3 Apr 2015 8:24

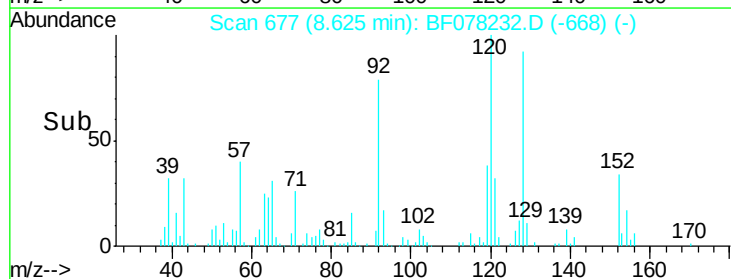
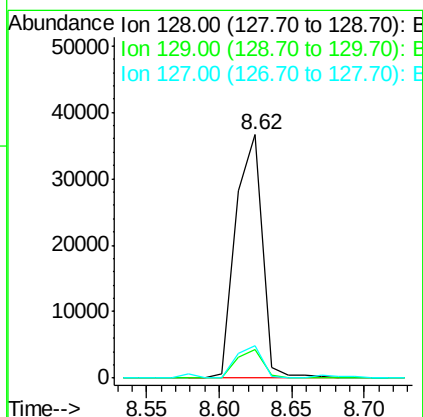
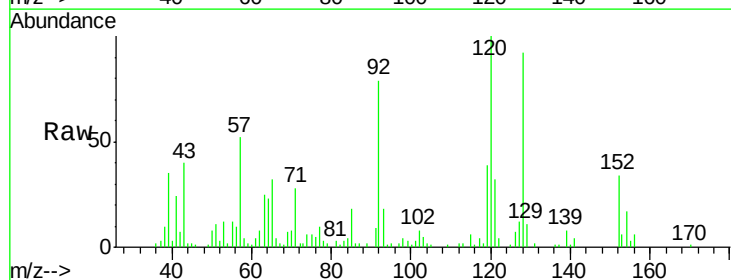
Instrument :
 BNA_F
 ClientSampleId :
 FD3RE

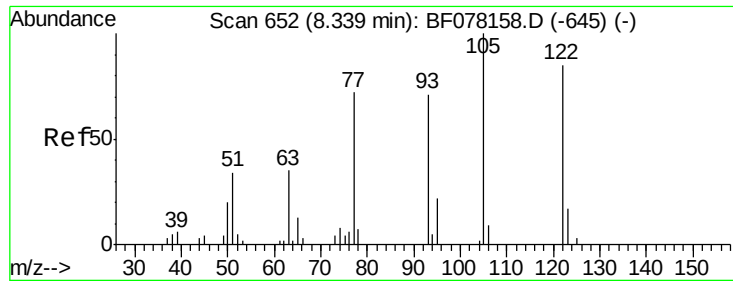
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.8	47.8
54	50.9	41.5	62.3



#31
 Naphthalene
 Concen: 4.75 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF078232.D
 Acq: 3 Apr 2015 8:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.5	10.7	16.1

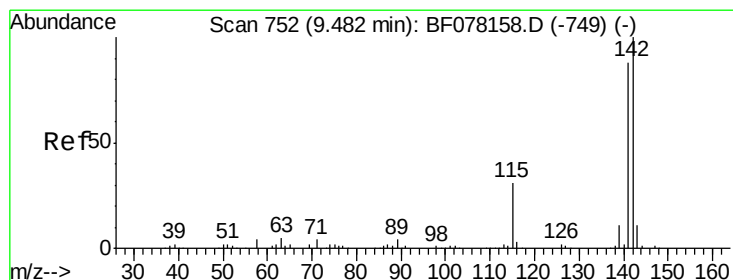
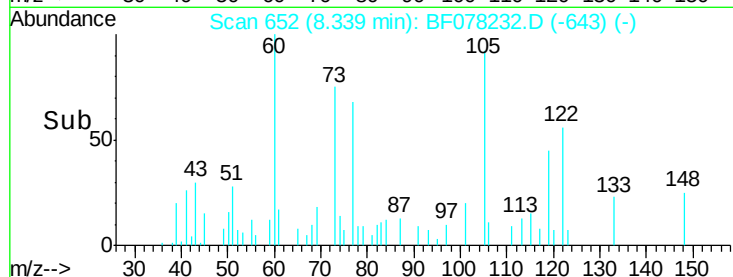
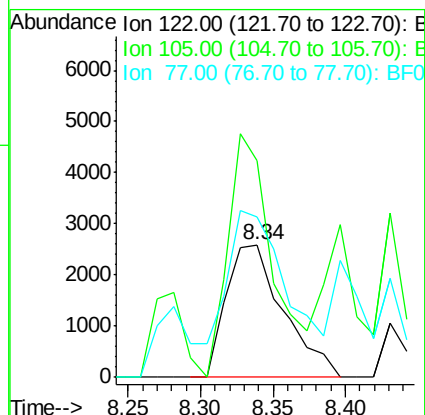
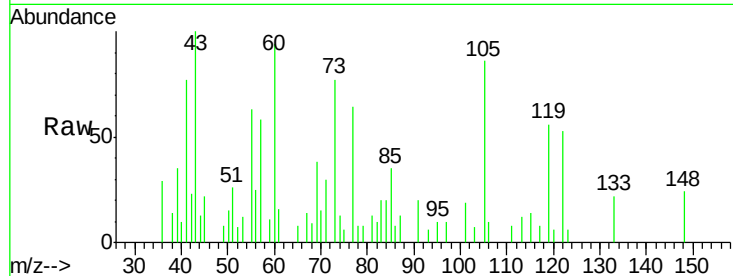




#32
Benzoic acid
Concen: 10.35 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078232.D
Acq: 3 Apr 2015 8:24

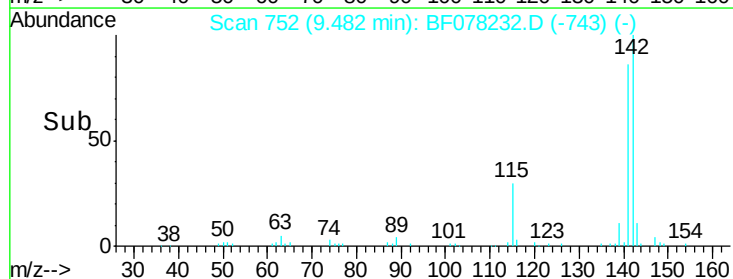
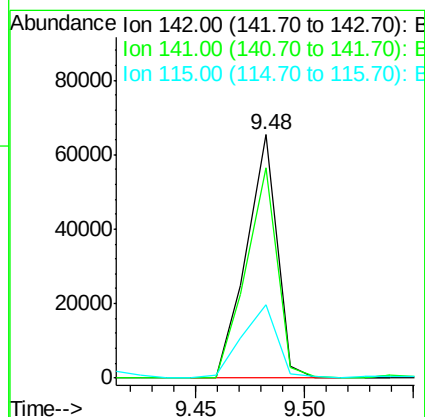
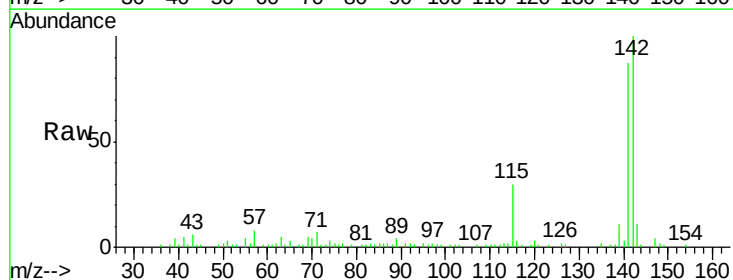
Instrument :
BNA_F
ClientSampleId :
FD3RE

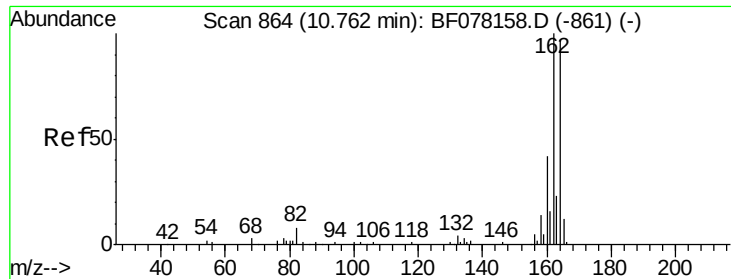
Tot Ion:122 Resp: 7048
Ion Ratio Lower Upper
122 100
105 163.6 96.1 136.1#
77 121.2 64.1 104.1#



#37
2-Methylnaphthalene
Concen: 9.59 ng
RT: 9.48 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF078232.D
Acq: 3 Apr 2015 8:24

Tgt Ion:142 Resp: 64099
Ion Ratio Lower Upper
142 100
141 86.5 70.3 105.5
115 30.3 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

Instrument :

BNA_F

ClientSampled :

FD3RE

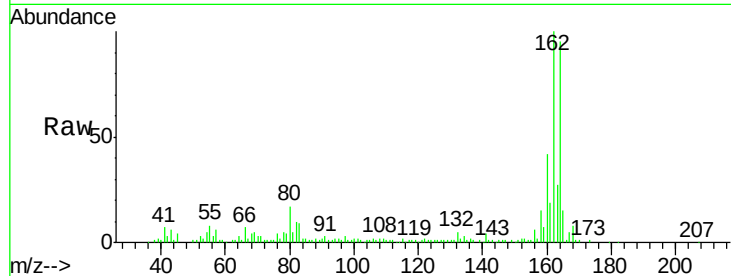
Tot Ion:164 Resp: 93451

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.2

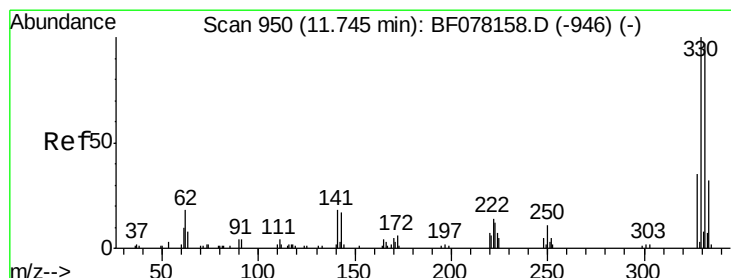
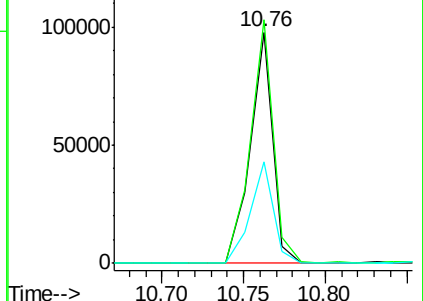
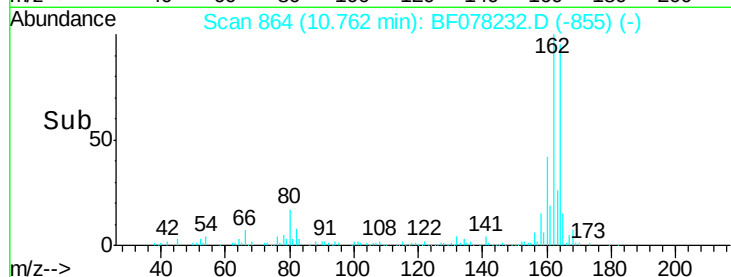
160 44.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 28.52 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

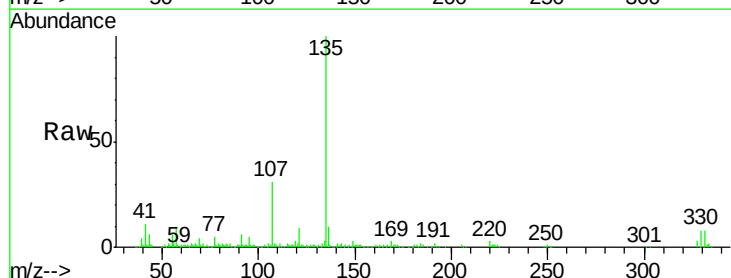
Tgt Ion:330 Resp: 22102

Ion Ratio Lower Upper

330 100

332 97.8 78.6 117.8

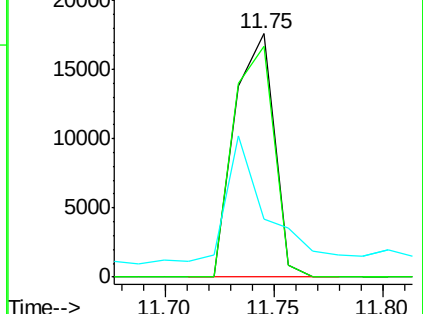
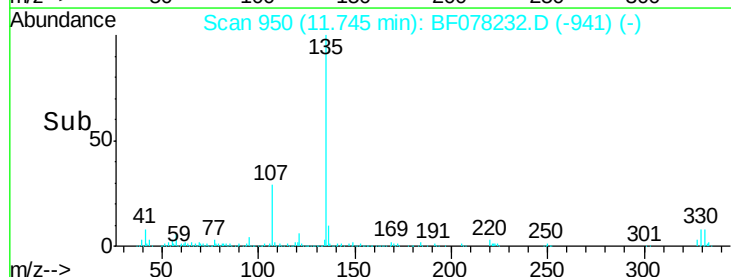
141 61.4 31.2 46.8#

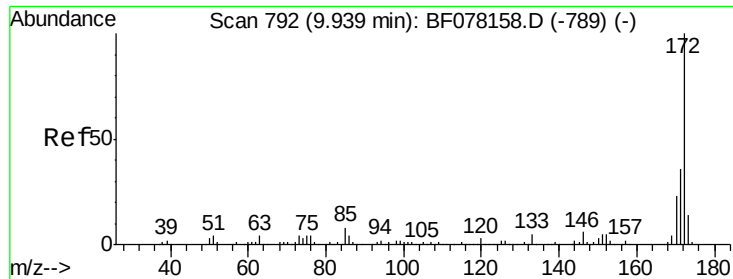


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

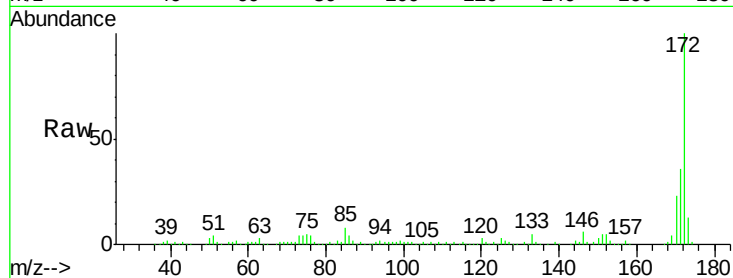




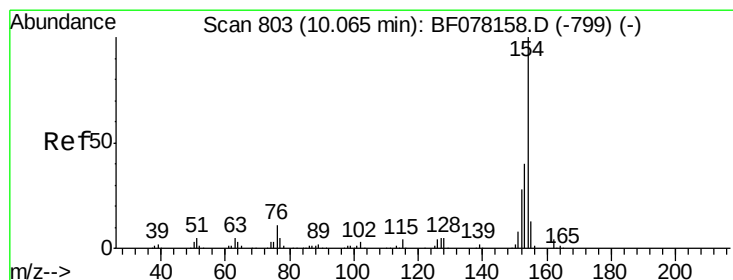
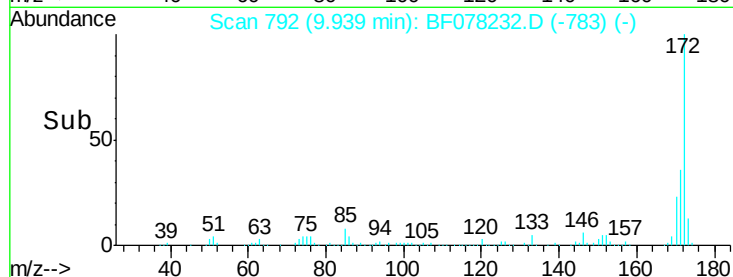
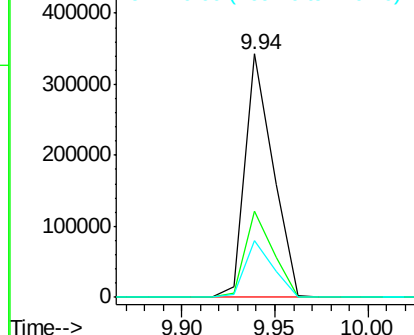
#44
2-Fluorobiphenyl
Concen: 54.57 ng
RT: 9.94 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF078232.D
Acq: 3 Apr 2015 8:24

Instrument :
BNA_F
ClientSampleId :
FD3RE

Tot Ion:172 Resp: 356744
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.5 18.5 27.7

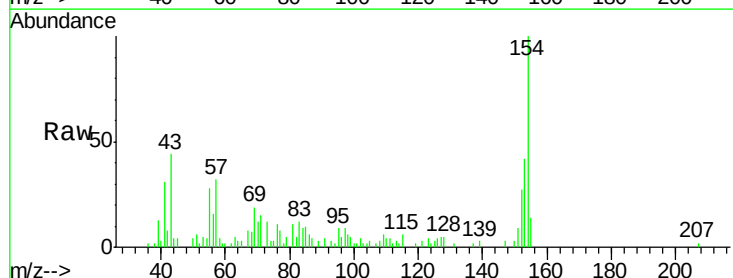


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

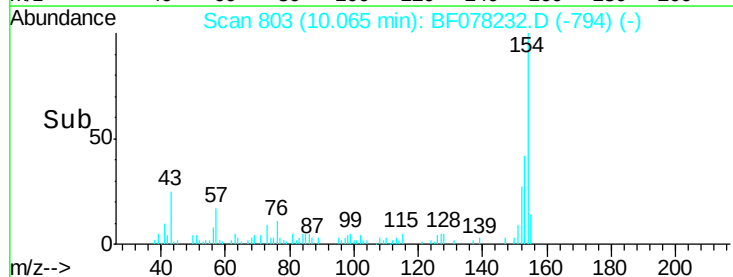
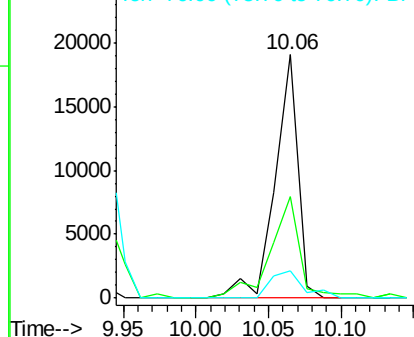


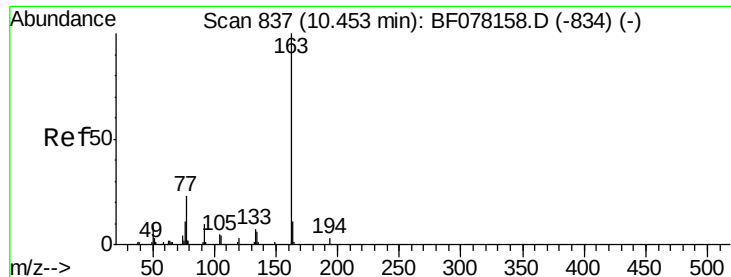
#45
1,1'-Biphenyl
Concen: 2.73 ng
RT: 10.06 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF078232.D
Acq: 3 Apr 2015 8:24

Tgt Ion:154 Resp: 20848
Ion Ratio Lower Upper
154 100
153 41.9 20.0 60.0
76 11.0 0.0 30.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 9.31 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

Instrument :

BNA_F

ClientSampleId :

FD3RE

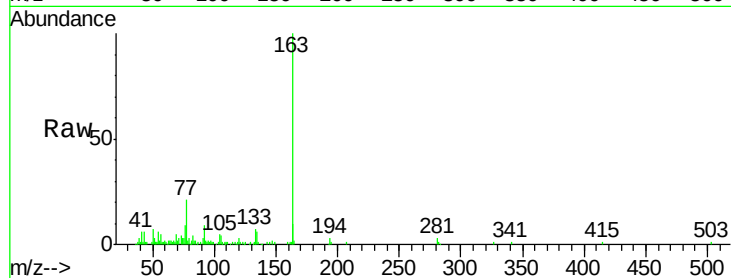
Tot Ion:163 Resp: 65344

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

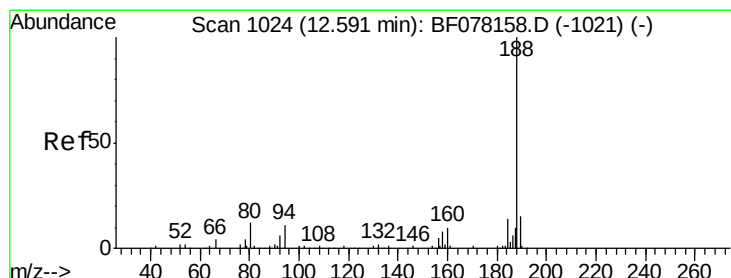
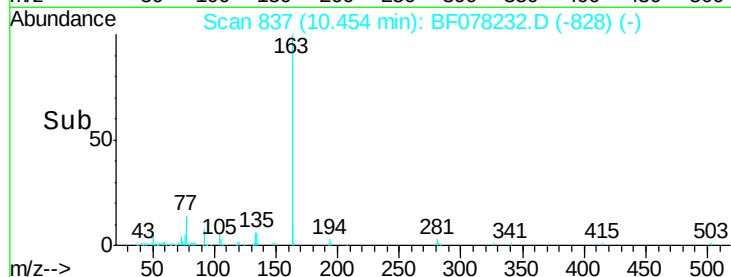
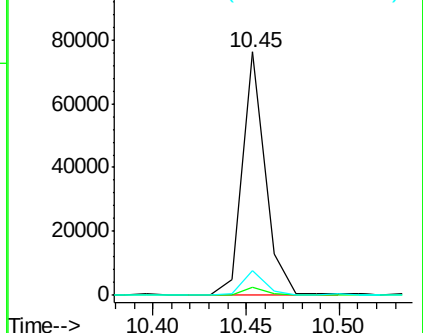
164 10.4 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

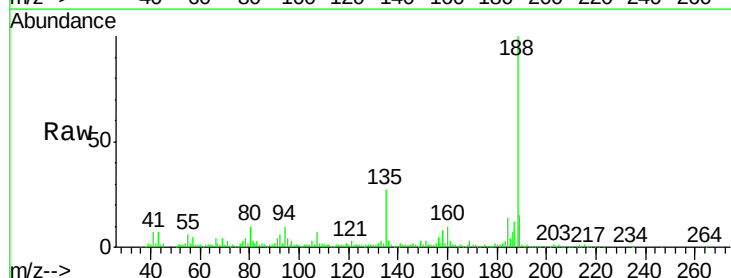
Tgt Ion:188 Resp: 180310

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

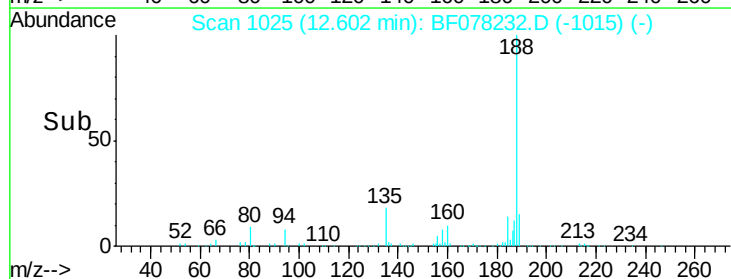
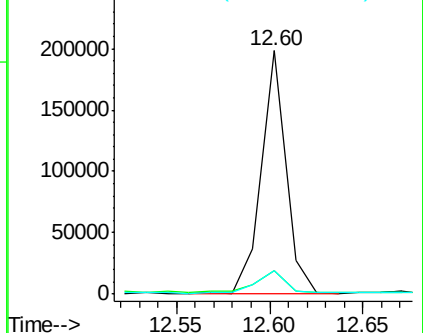
80 9.5 9.5 14.3

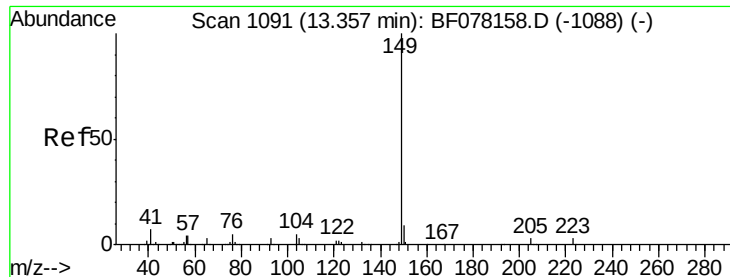


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 11.90 ng

RT: 13.38 min Scan# 1093

Delta R.T. 0.02 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

Instrument :

BNA_F

ClientSampleId :

FD3RE

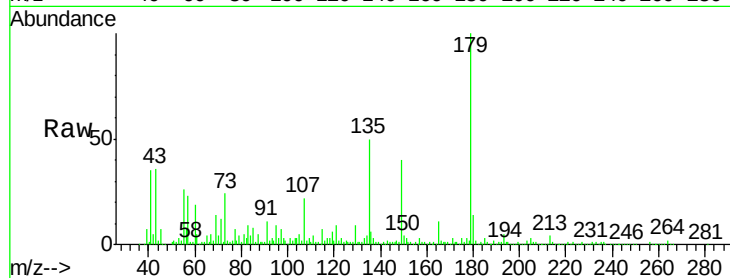
Tot Ion:149 Resp: 129884

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

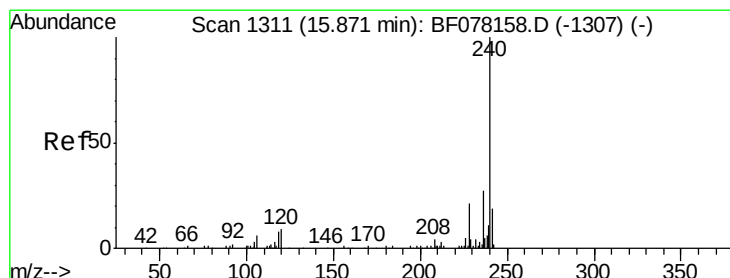
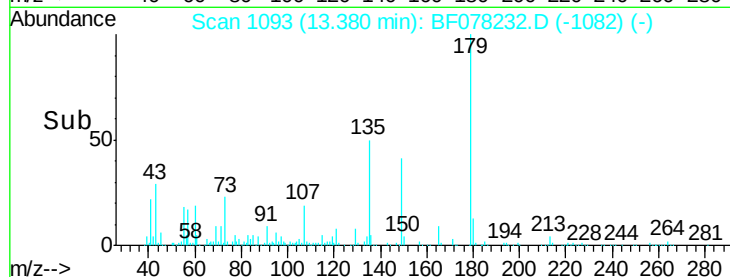
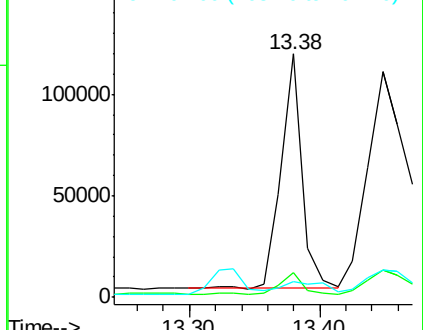
104 6.7 3.8 5.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.88 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

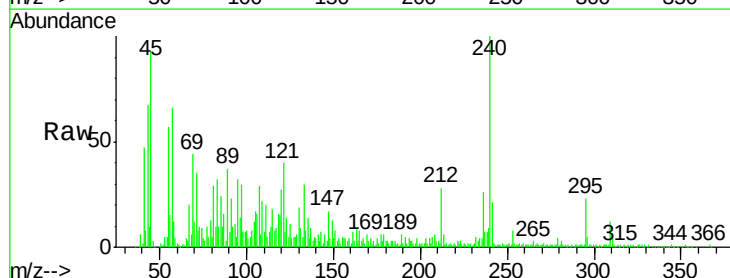
Tgt Ion:240 Resp: 166277

Ion Ratio Lower Upper

240 100

120 26.6 7.1 10.7#

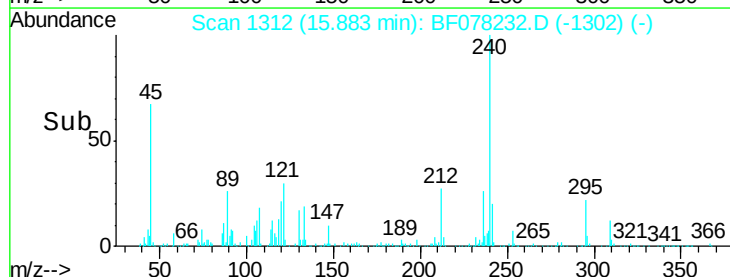
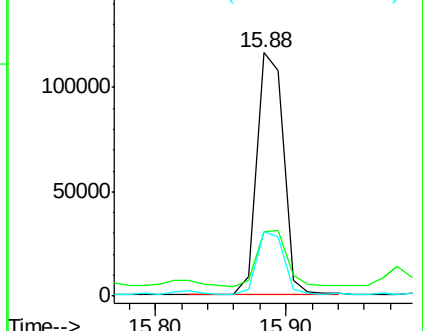
236 26.4 21.4 32.2

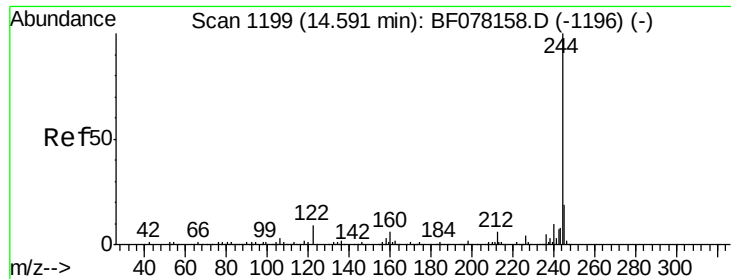


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

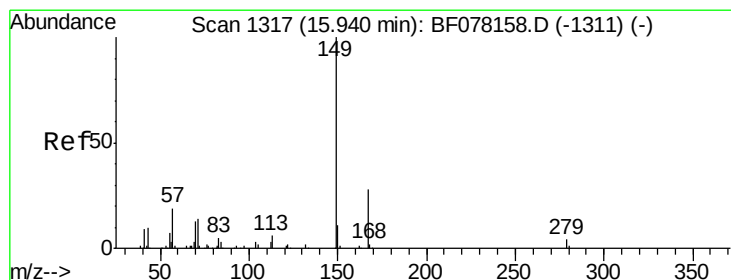
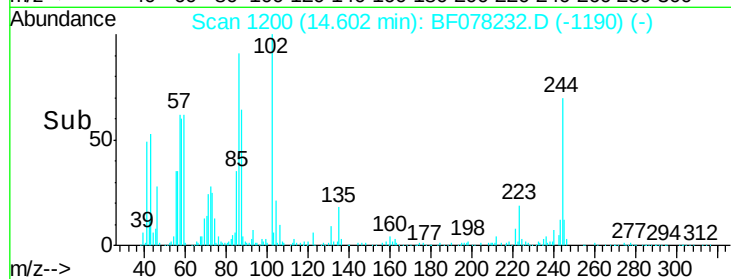
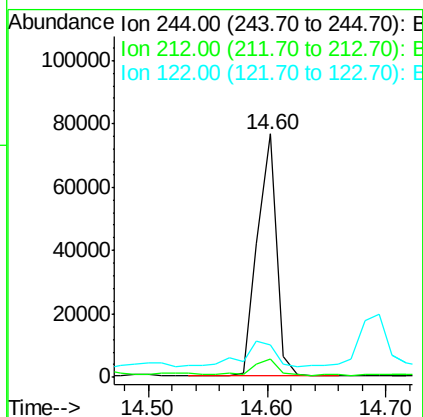
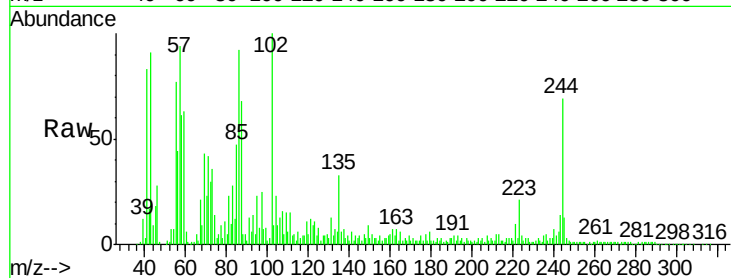




#78
 Terphenyl-d14
 Concen: 11.76 ng
 RT: 14.60 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF078232.D
 Acq: 3 Apr 2015 8:24

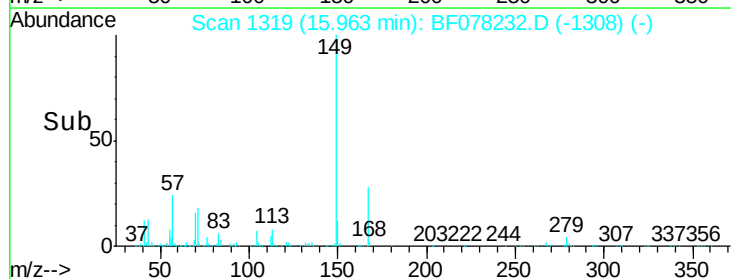
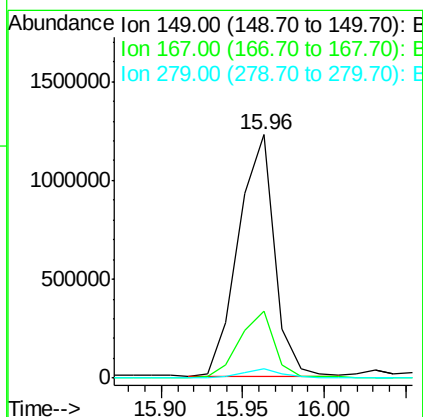
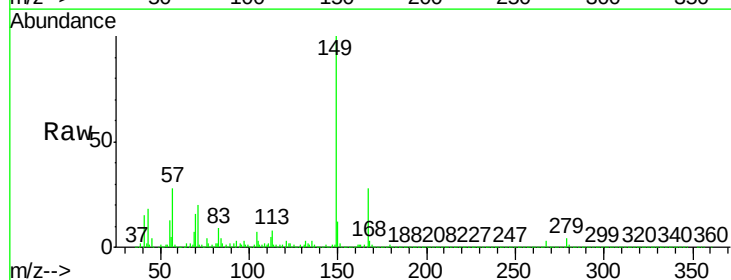
Instrument :
 BNA_F
 ClientSampleId :
 FD3RE

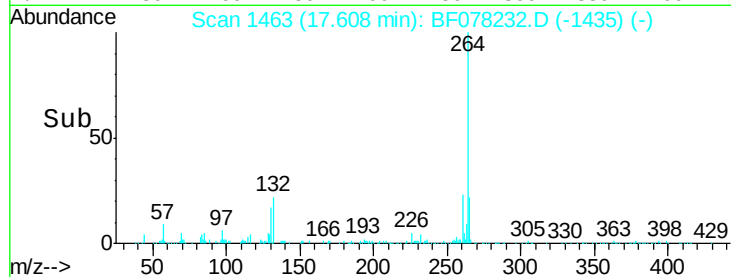
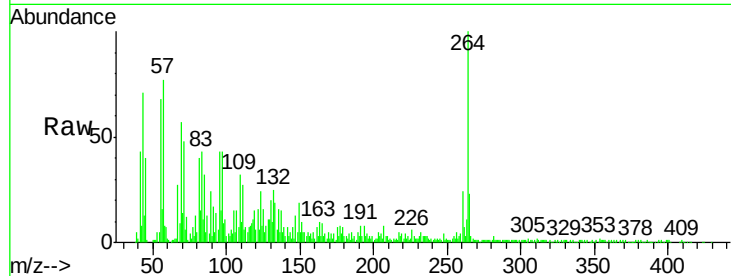
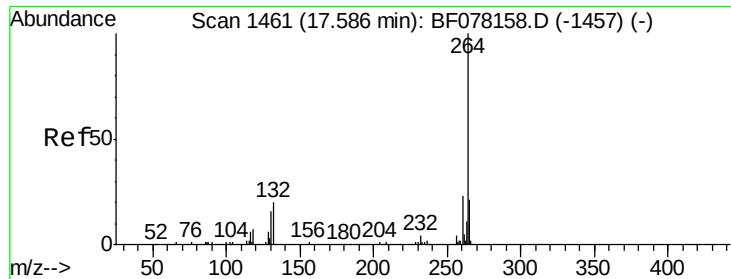
Tot Ion:244 Resp: 86511
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 13.5 7.1 10.7#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 298.61 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. 0.02 min
 Lab File: BF078232.D
 Acq: 3 Apr 2015 8:24

Tgt Ion:149 Resp: 1863259
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.2 33.2
 279 4.0 3.2 4.8





#86

Pervlene-d12

Concen: 20.00 ng

RT: 17.61 min Scan# 1463

Delta R.T. 0.02 min

Lab File: BF078232.D

Acq: 3 Apr 2015 8:24

Instrument :

BNA_F

ClientSampleId :

FD3RE

Tot Ion: 264 Resp: 178350

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 23.5 17.0 25.6

