

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092501.D
 Acq On : 26 Jan 2017 2:32
 Operator : SJ/MA
 Sample : I1312-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 10:00:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

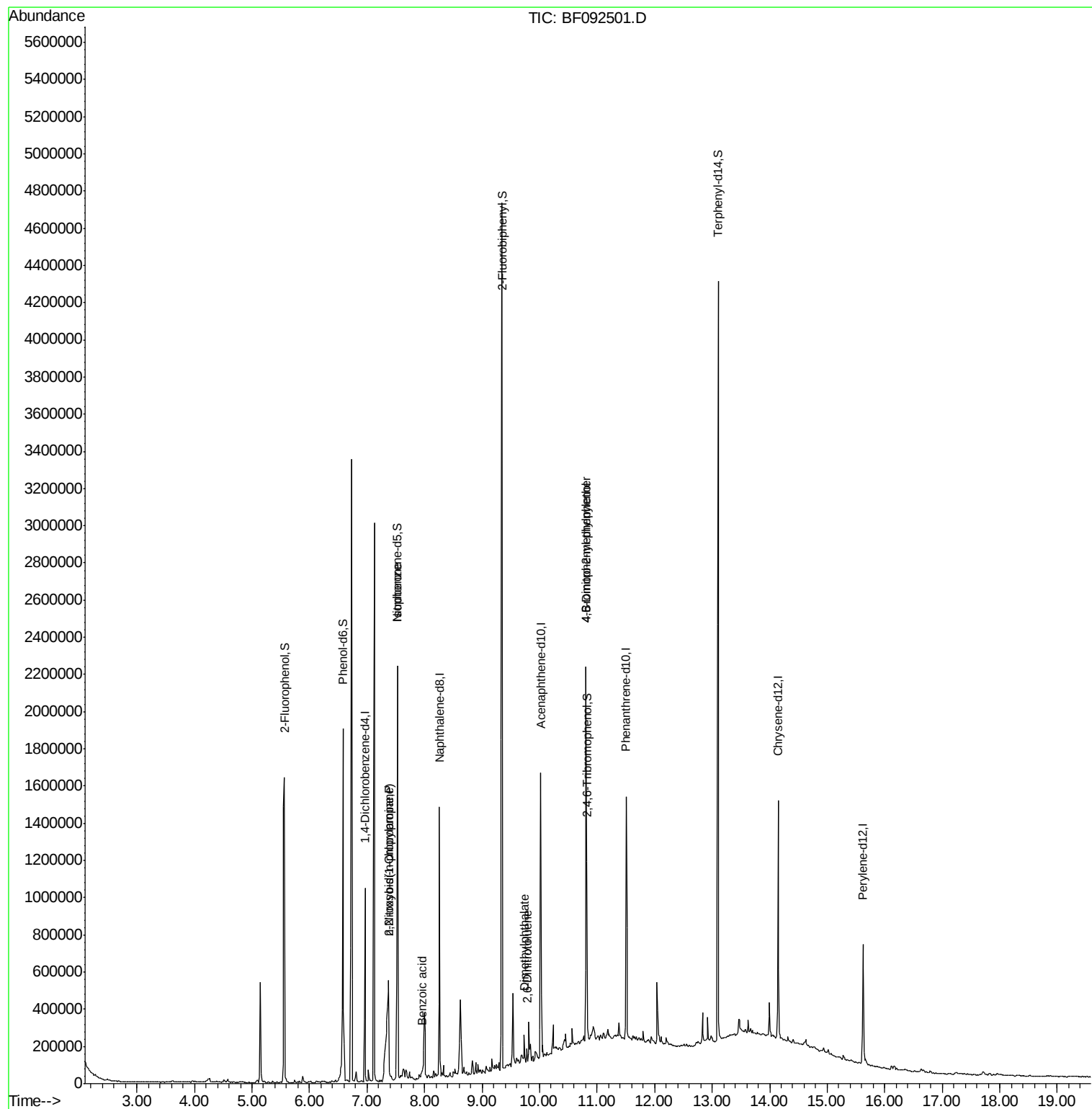
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158707	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	627641	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	323494	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	539353	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	455644	20.00	ng	-0.02
86) Perylene-d12	15.62	264	343448	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	626262	61.39	ng	0.01
7) Phenol-d6	6.58	99	507304	39.04	ng	-0.01
23) Nitrobenzene-d5	7.53	82	984161	85.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	295823	134.19	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1546669	88.41	ng	-0.01
78) Terphenyl-d14	13.11	244	1490569	87.11	ng	-0.01
Target Compounds						Qvalue
16) 2,2'-oxybis(1-Chloropropan	7.38	45	66233	2.85	ng	74
19) n-Nitroso-di-n-propylamine	7.38	70	46749	5.28	ng	# 27
25) Isophorone	7.53	82	864598	38.19	ng	# 65
32) Benzoic acid	7.96	122	11758	6.05	ng	98
49) Dimethylphthalate	9.73	163	52339	2.54	ng	98
50) 2,6-Dinitrotoluene	9.78	165	10235	2.43	ng	# 40
64) 4,6-Dinitro-2-methylphenol	10.81	198	822	5.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	20675	3.80	ng	# 1

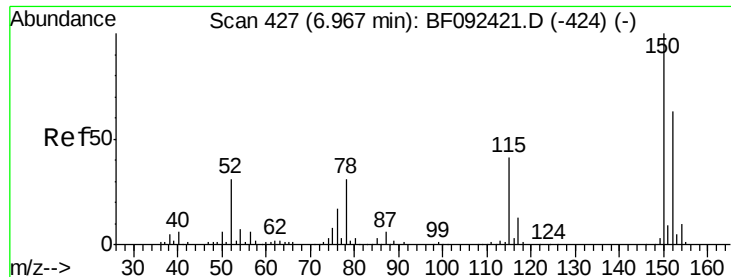
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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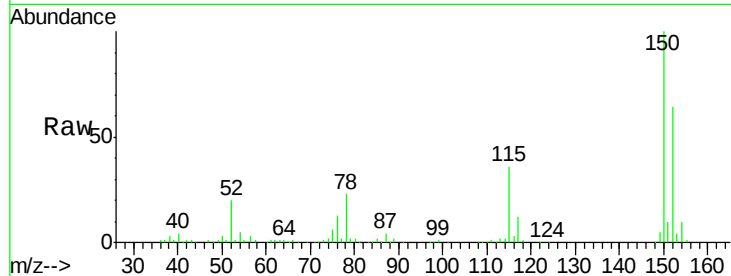


#1

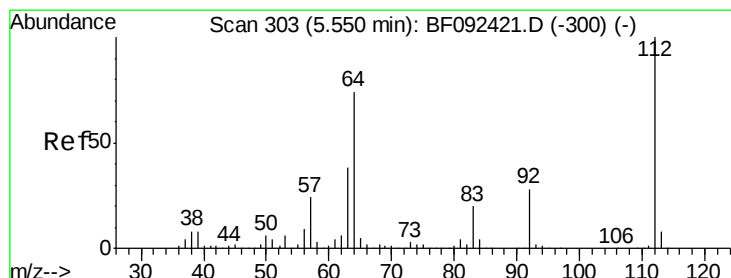
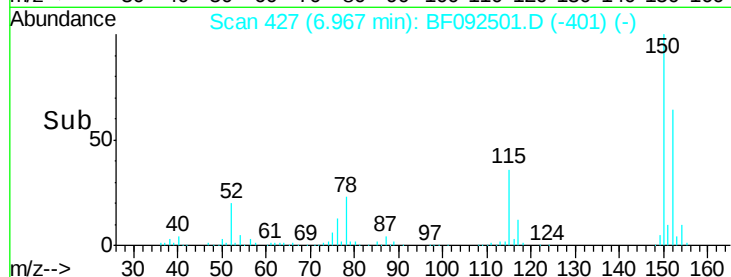
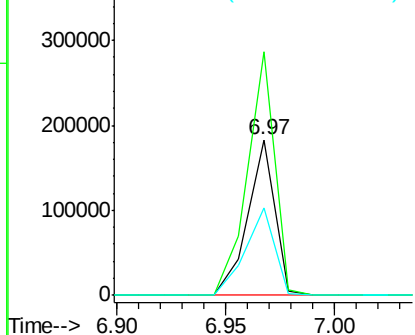
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	56.3	46.0	69.0



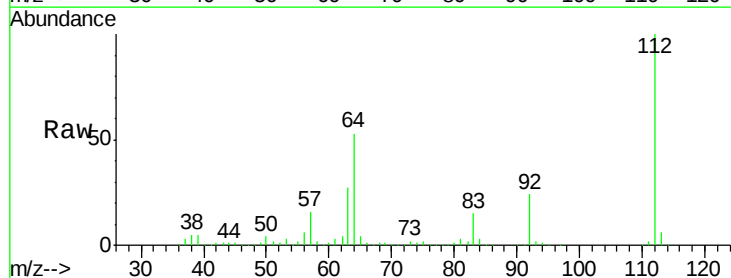
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



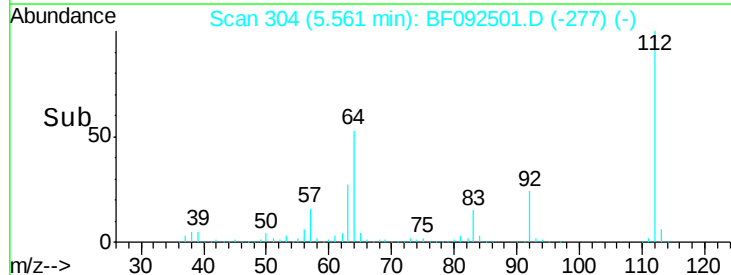
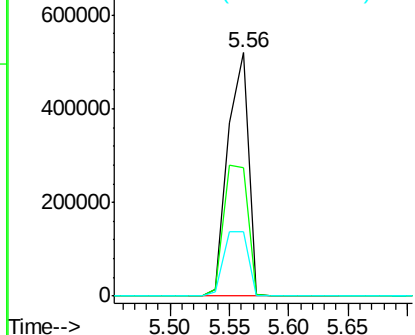
#5

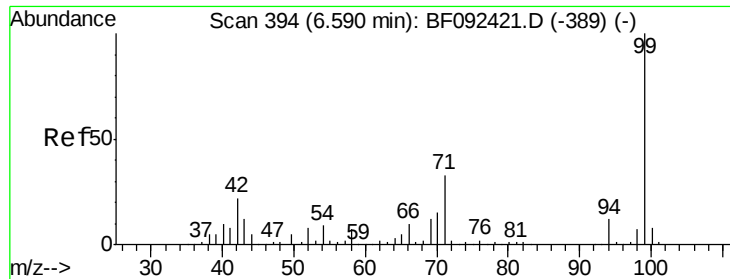
2-Fluorophenol
Concen: 61.39 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.1	69.1
63	26.6	23.8	35.6



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: 39.04 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

Instrument :

BNA_F

ClientSampleId :

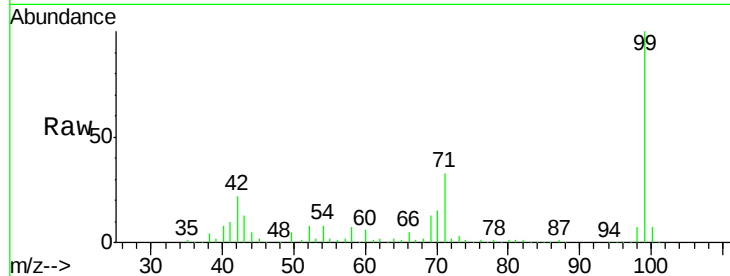
Tot Ion: 99 Resp: 507304

Ion Ratio Lower Upper

99 100

42 22.0 15.6 23.4

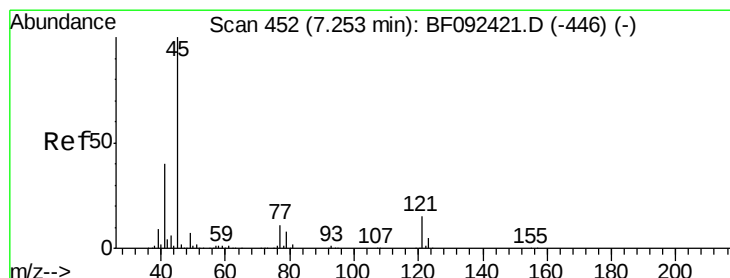
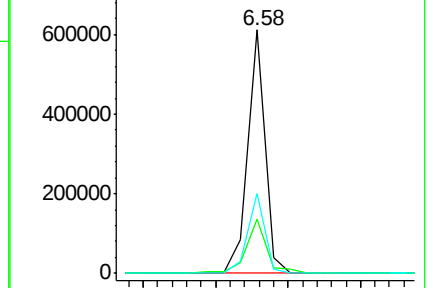
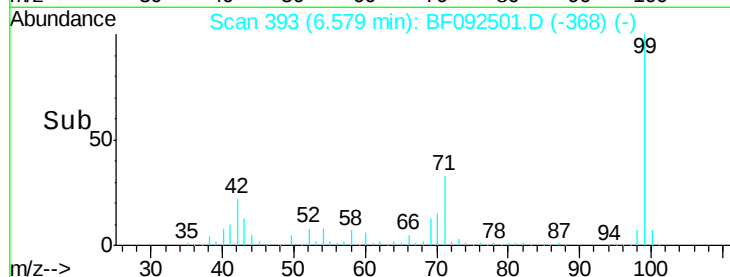
71 32.9 27.5 41.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.85 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.13 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

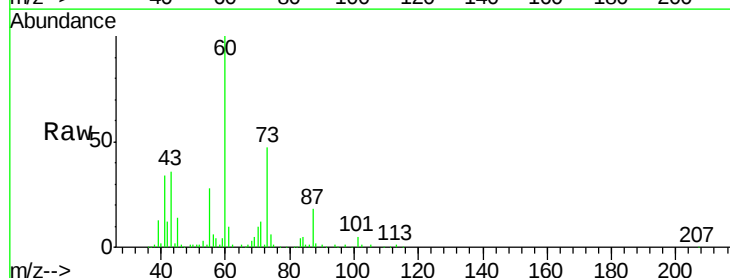
Tgt Ion: 45 Resp: 66233

Ion Ratio Lower Upper

45 100

77 2.9 0.0 34.6

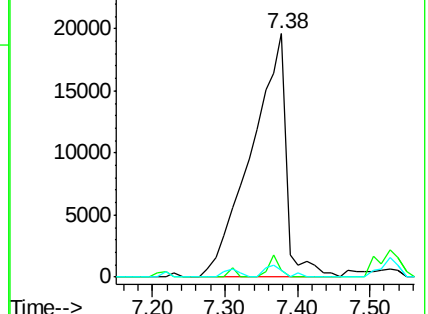
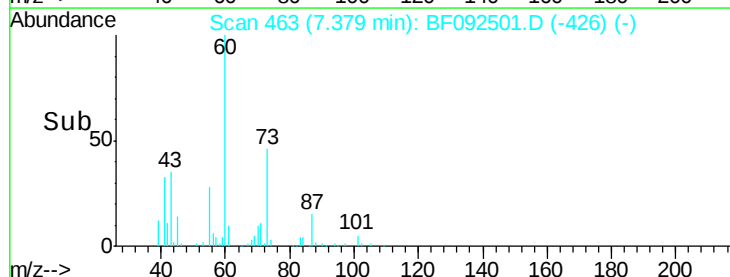
79 2.9 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

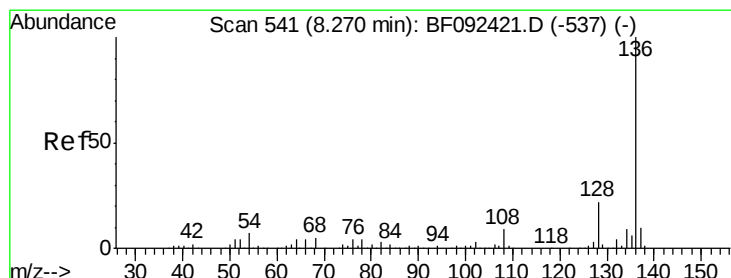
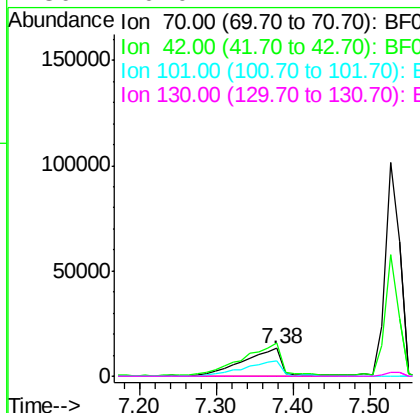
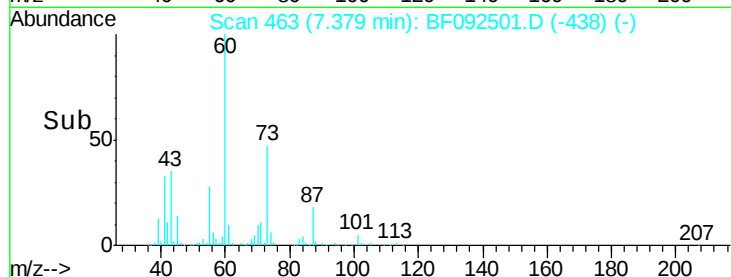
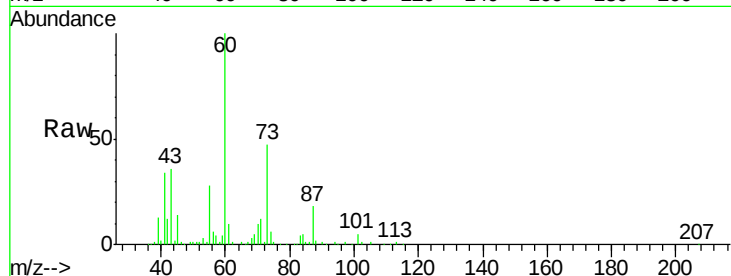




#19
n-Nitroso-di-n-propylamine
Concen: 5.28 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

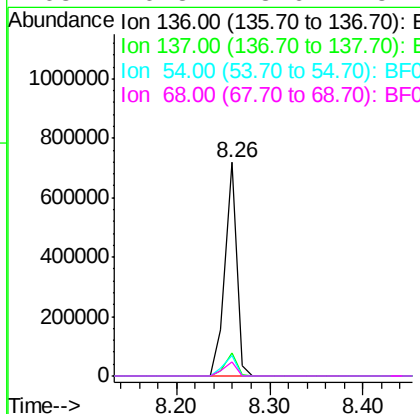
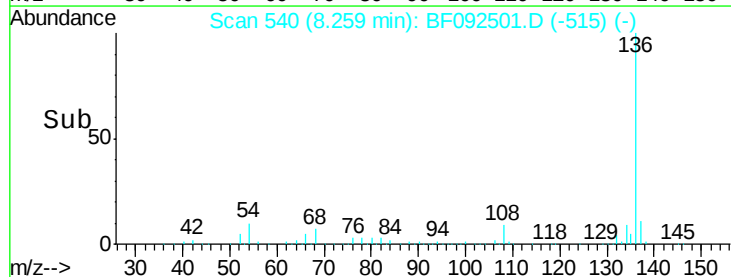
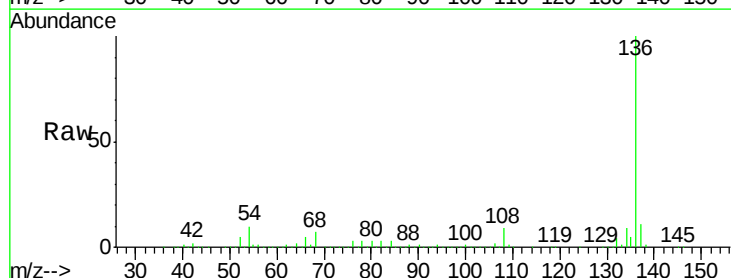
Instrument :
BNA_F
ClientSampleId :

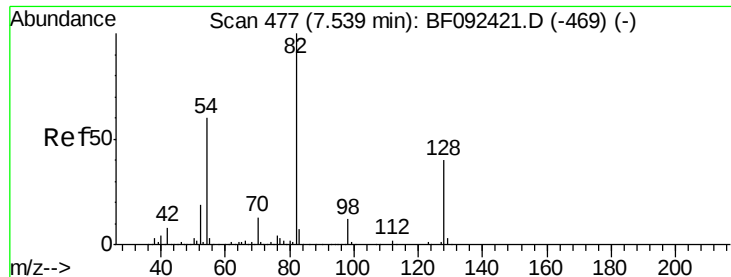
Tot Ion: 70 Resp: 46749
Ion Ratio Lower Upper
70 100
42 119.4 49.4 74.0#
101 53.2 7.4 11.2#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Tgt Ion: 136 Resp: 627641
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 9.8 4.5 6.7#
68 6.8 3.6 5.4#

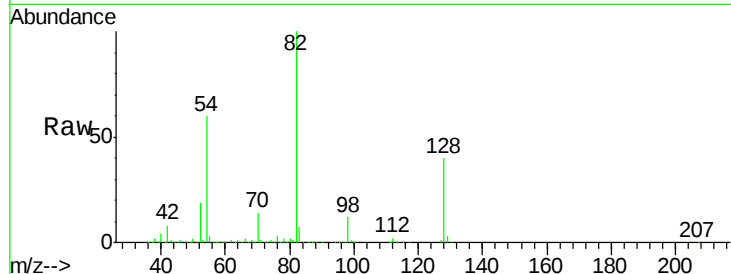




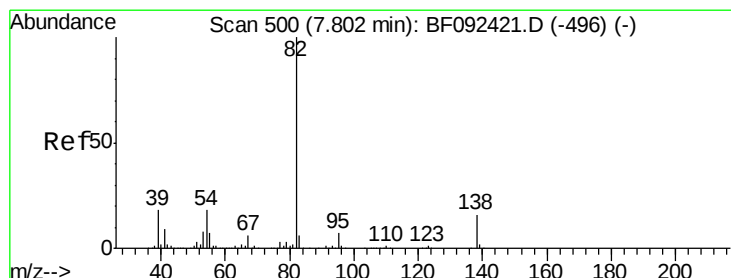
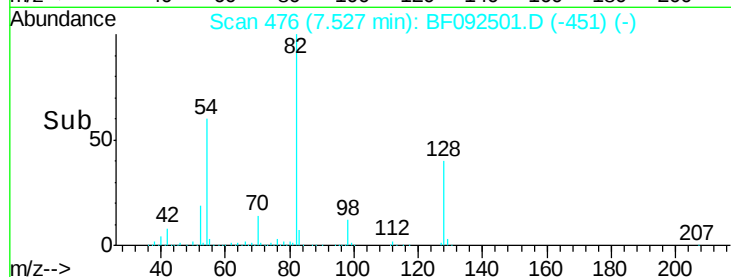
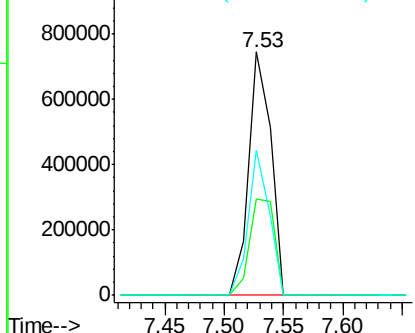
#23
Nitrobenzene-d5
Concen: 85.65 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	984161
Ion Ratio	Lower	Upper	
82	100		
128	39.8	34.6	52.0
54	59.8	39.5	59.3#

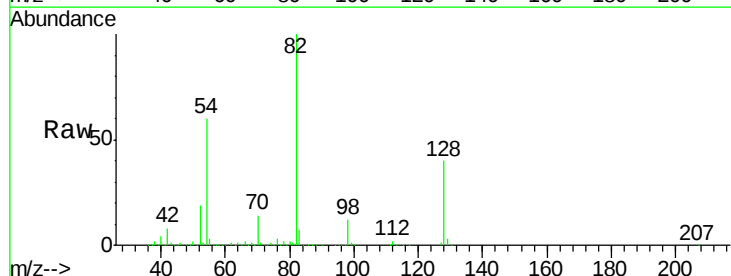


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

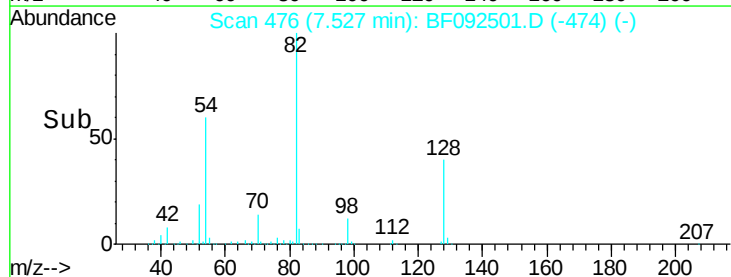
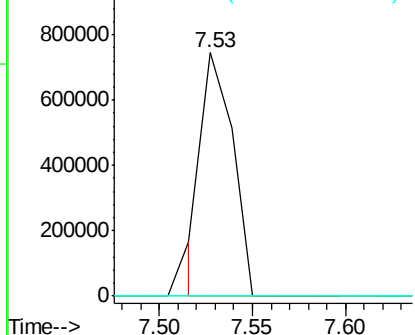


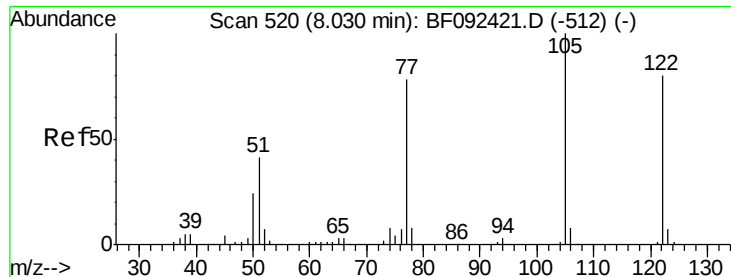
#25
Isophorone
Concen: 38.19 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Tgt Ion	82	Resp	864598
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 6.05 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.07 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

Instrument :

BNA_F

ClientSampled :

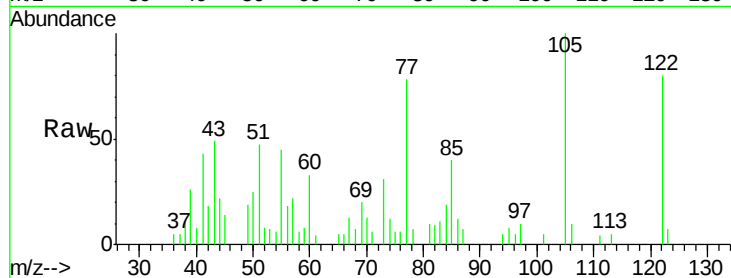
Tot Ion:122 Resp: 11758

Ion Ratio Lower Upper

122 100

105 125.4 107.2 147.2

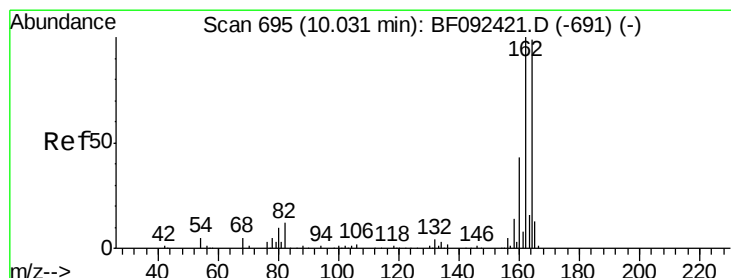
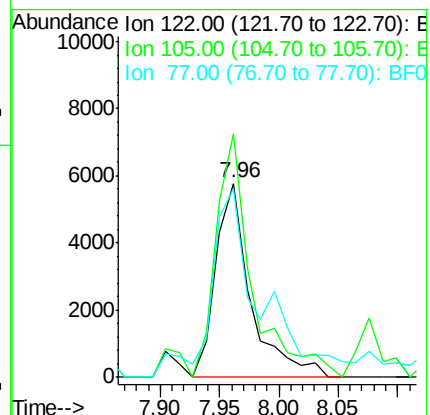
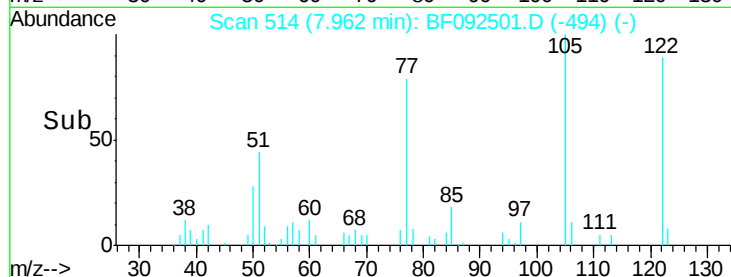
77 97.3 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

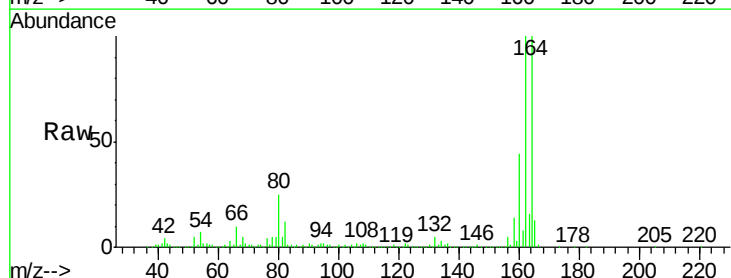
Tgt Ion:164 Resp: 323494

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

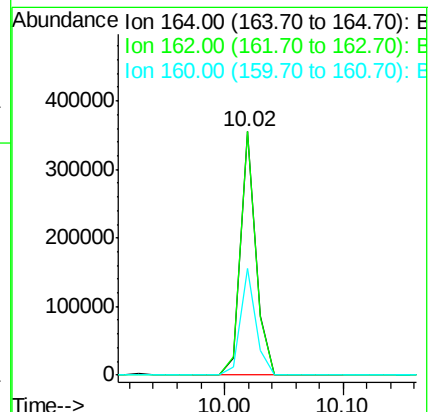
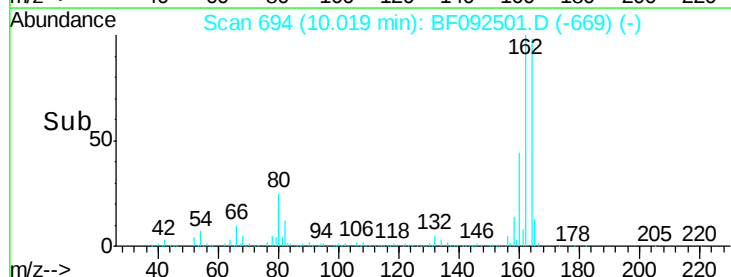
160 43.6 36.9 55.3

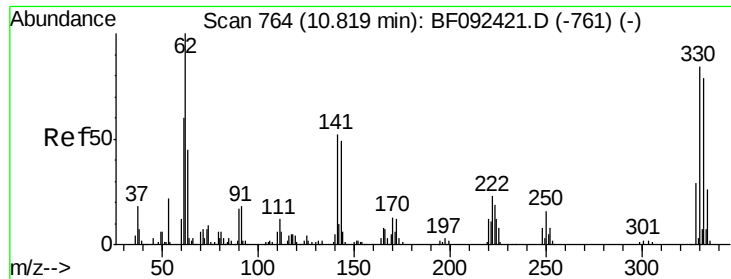


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

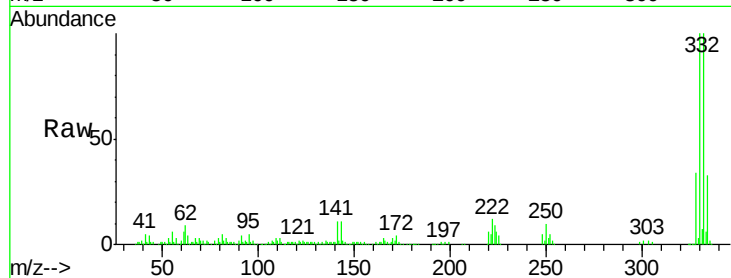




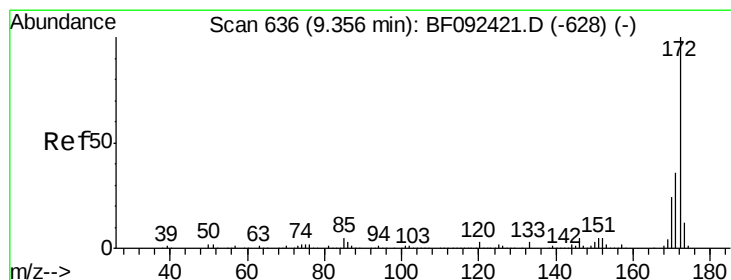
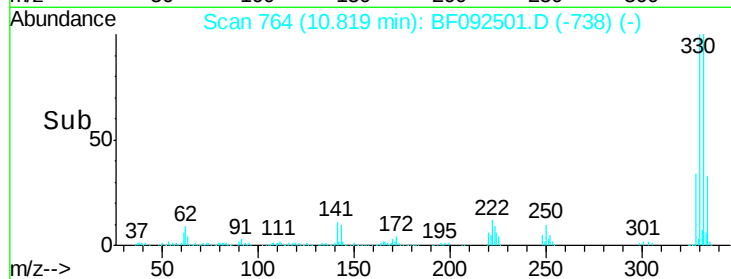
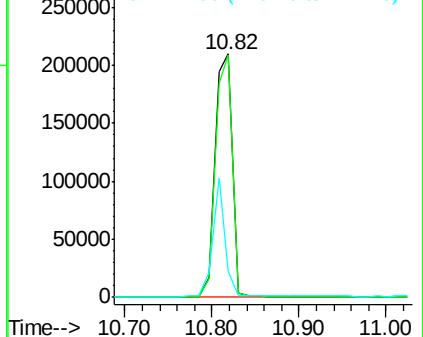
#41
 2,4,6-Tribromophenol
 Concen: 134.19 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092501.D
 Acq: 26 Jan 2017 2:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 295823
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 34.4 34.1 51.1

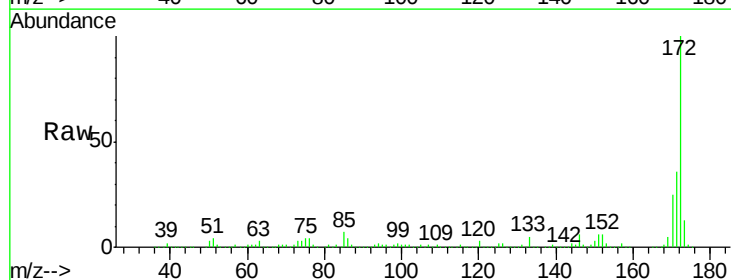


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

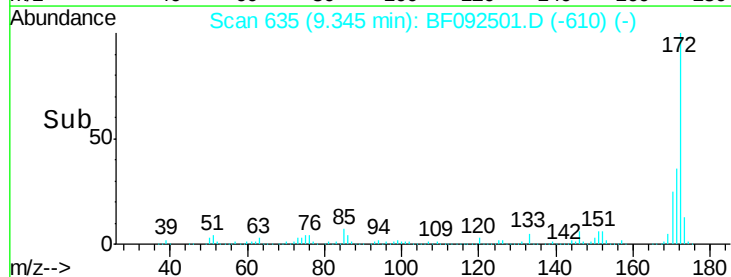
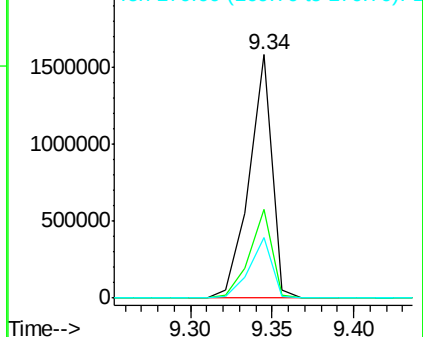


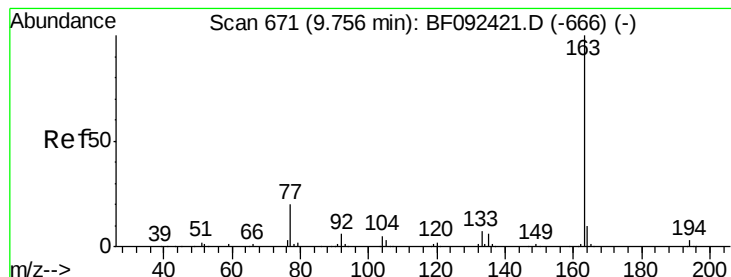
#44
 2-Fluorobiphenyl
 Concen: 88.41 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092501.D
 Acq: 26 Jan 2017 2:32

Tgt Ion:172 Resp: 1546669
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 25.0 20.2 30.4



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: 2.54 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

Instrument :

BNA_F

ClientSampleId :

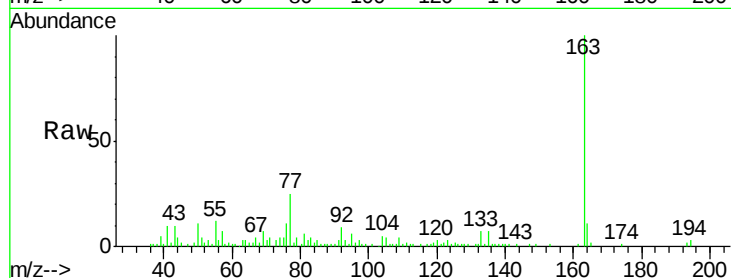
Tot Ion:163 Resp: 52339

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

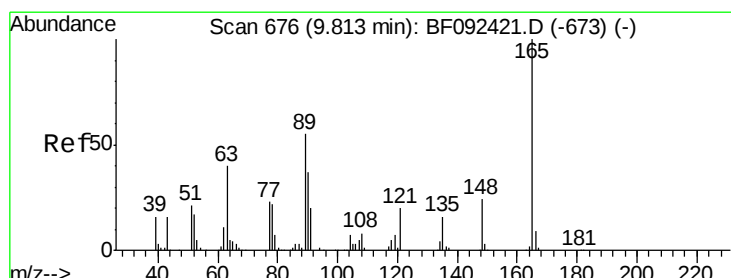
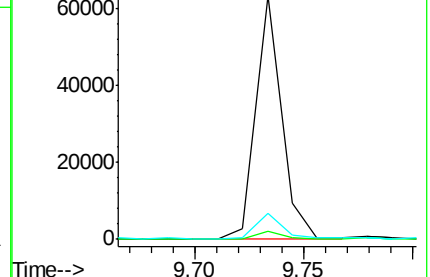
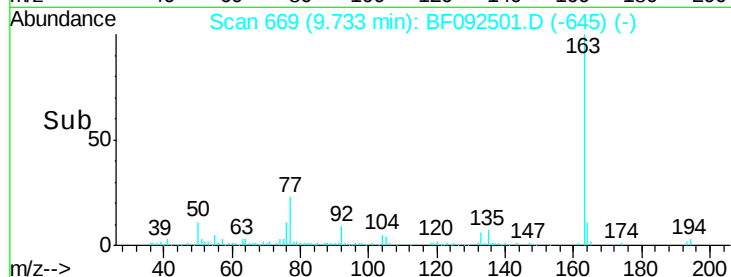
164 10.6 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 2.43 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

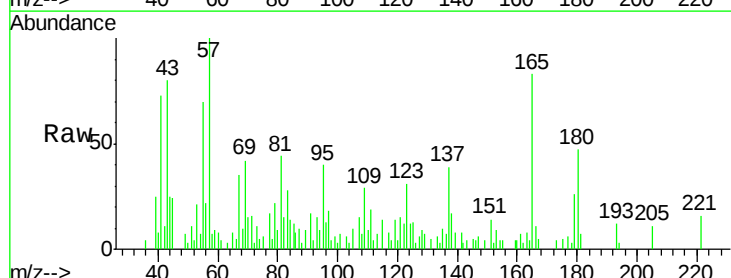
Tgt Ion:165 Resp: 10235

Ion Ratio Lower Upper

165 100

63 3.8 36.2 54.4#

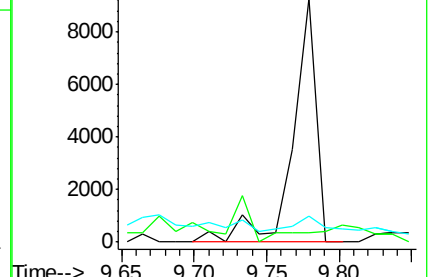
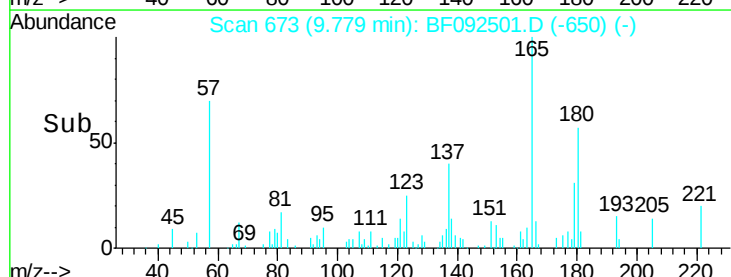
89 10.6 40.2 60.4#

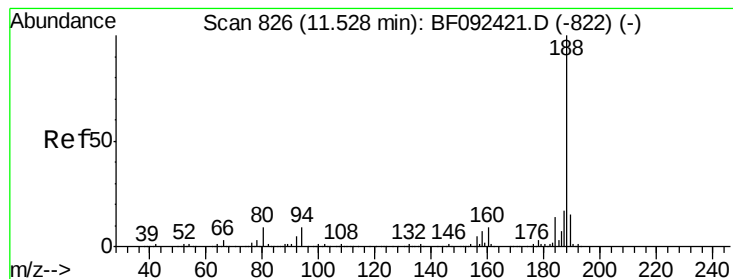


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

Instrument :

BNA_F

ClientSampleId :

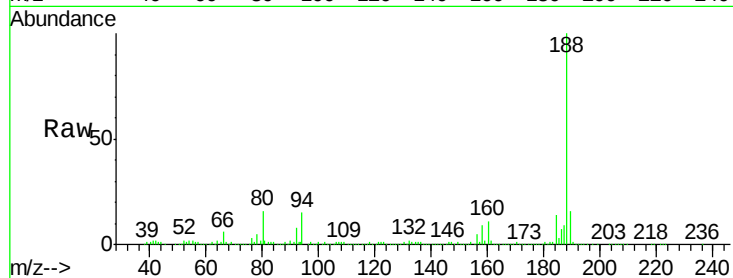
Tot Ion:188 Resp: 539353

Ion Ratio Lower Upper

188 100

94 15.1 10.0 15.0#

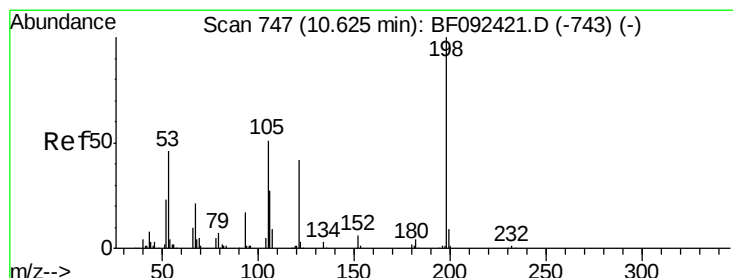
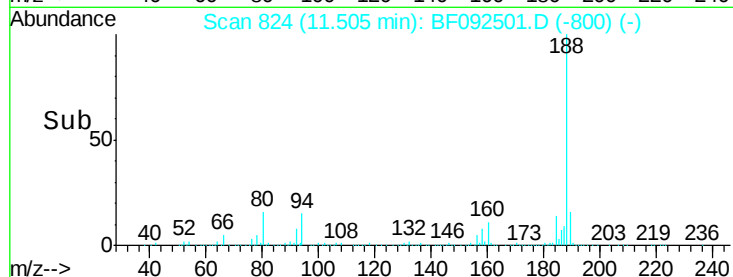
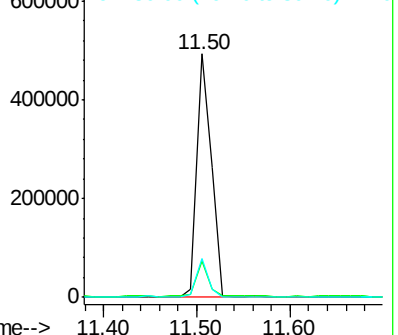
80 16.0 11.2 16.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.20 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.18 min

Lab File: BF092501.D

Acq: 26 Jan 2017 2:32

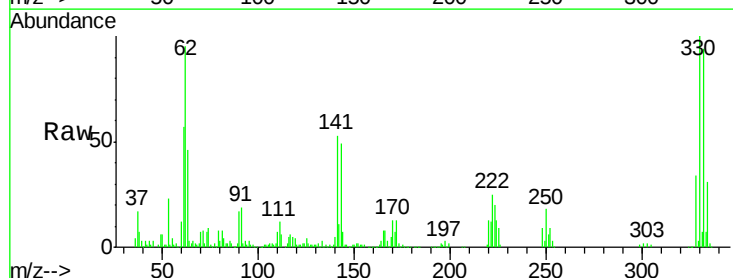
Tgt Ion:198 Resp: 822

Ion Ratio Lower Upper

198 100

51 322.5 6.7 46.7#

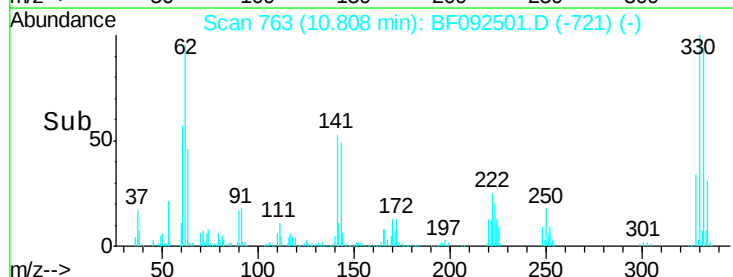
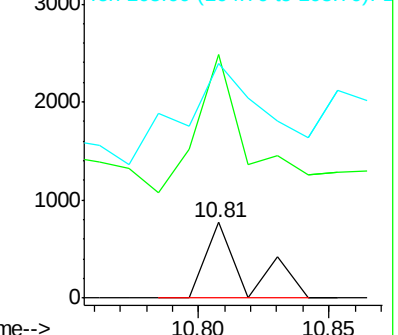
105 311.0 16.6 56.6#

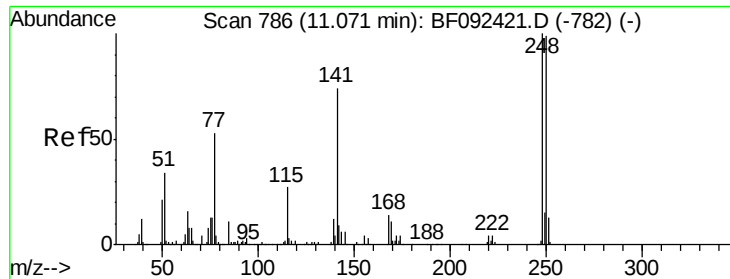


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

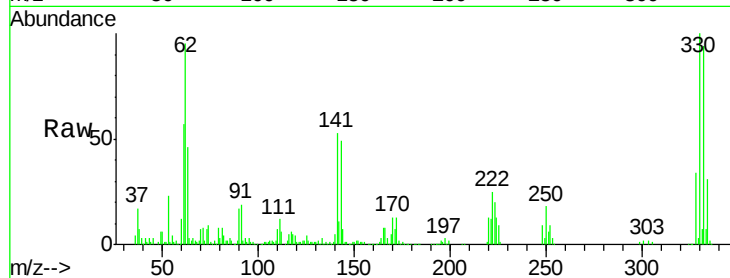




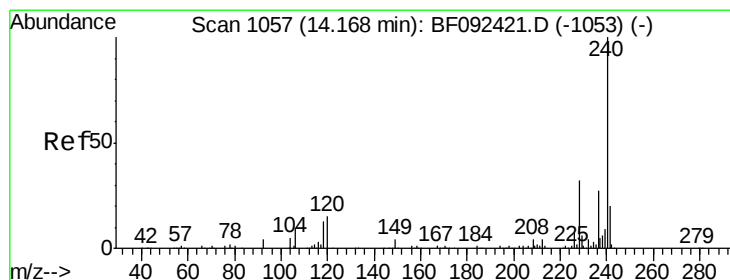
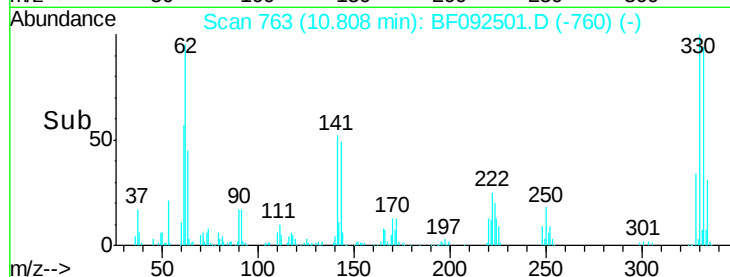
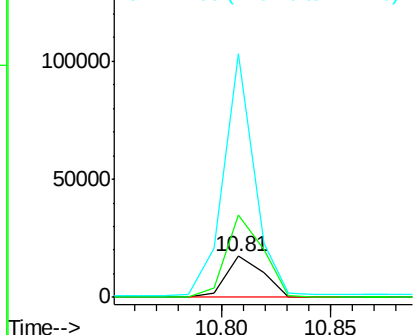
#66
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.26 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20675
Ion Ratio Lower Upper
248 100
250 199.9 76.9 115.3#
141 595.0 68.2 102.4#

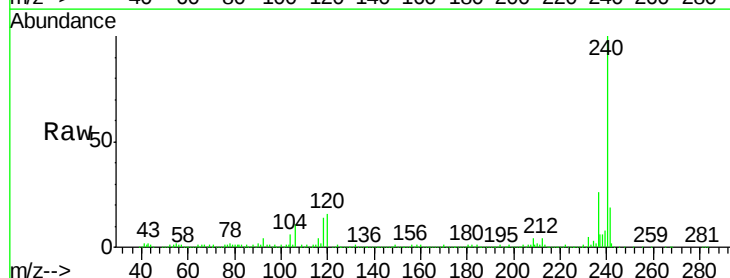


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

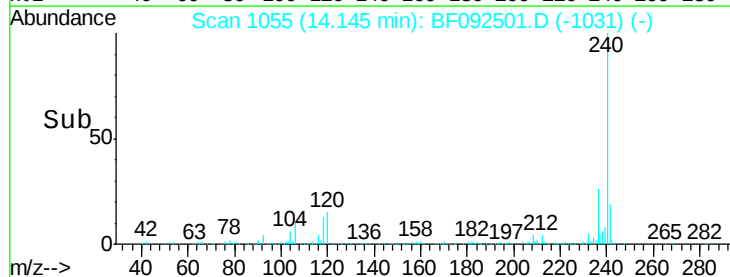
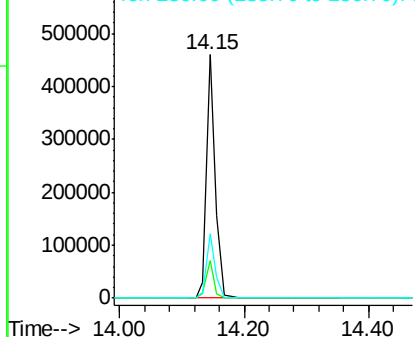


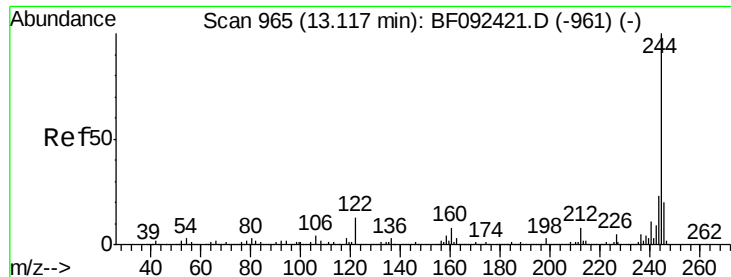
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092501.D
Acq: 26 Jan 2017 2:32

Tgt Ion:240 Resp: 455644
Ion Ratio Lower Upper
240 100
120 15.5 12.9 19.3
236 26.3 20.9 31.3



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

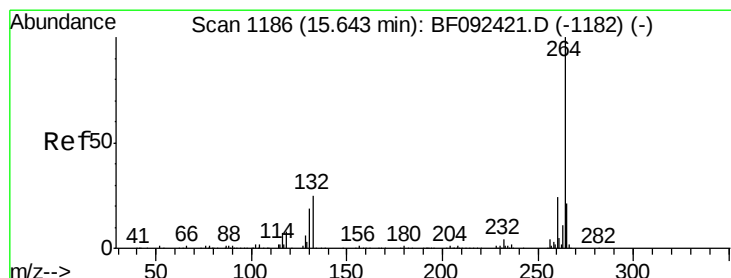
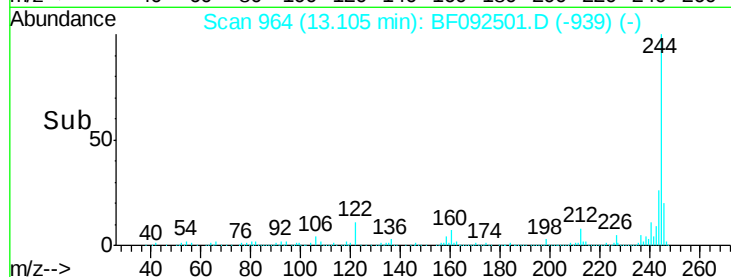
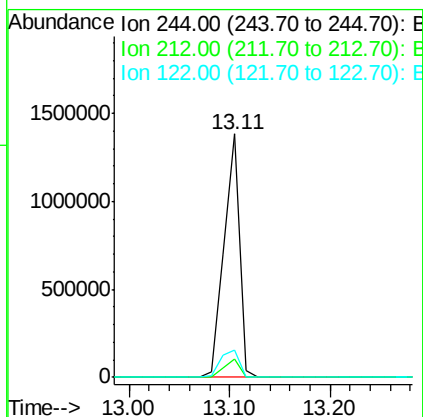
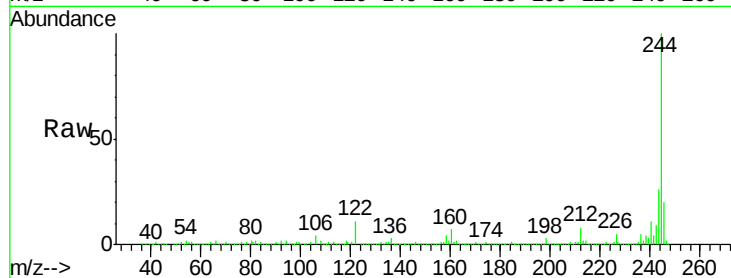




#78
 Terphenyl-d14
 Concen: 87.11 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092501.D
 Acq: 26 Jan 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1490569
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF092501.D
 Acq: 26 Jan 2017 2:32

Tgt Ion:264 Resp: 343448
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 20.9 17.4 26.0

