

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092474.D
 Acq On : 25 Jan 2017 14:10
 Operator : SJ/MA
 Sample : PB96090BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 17:21:59 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

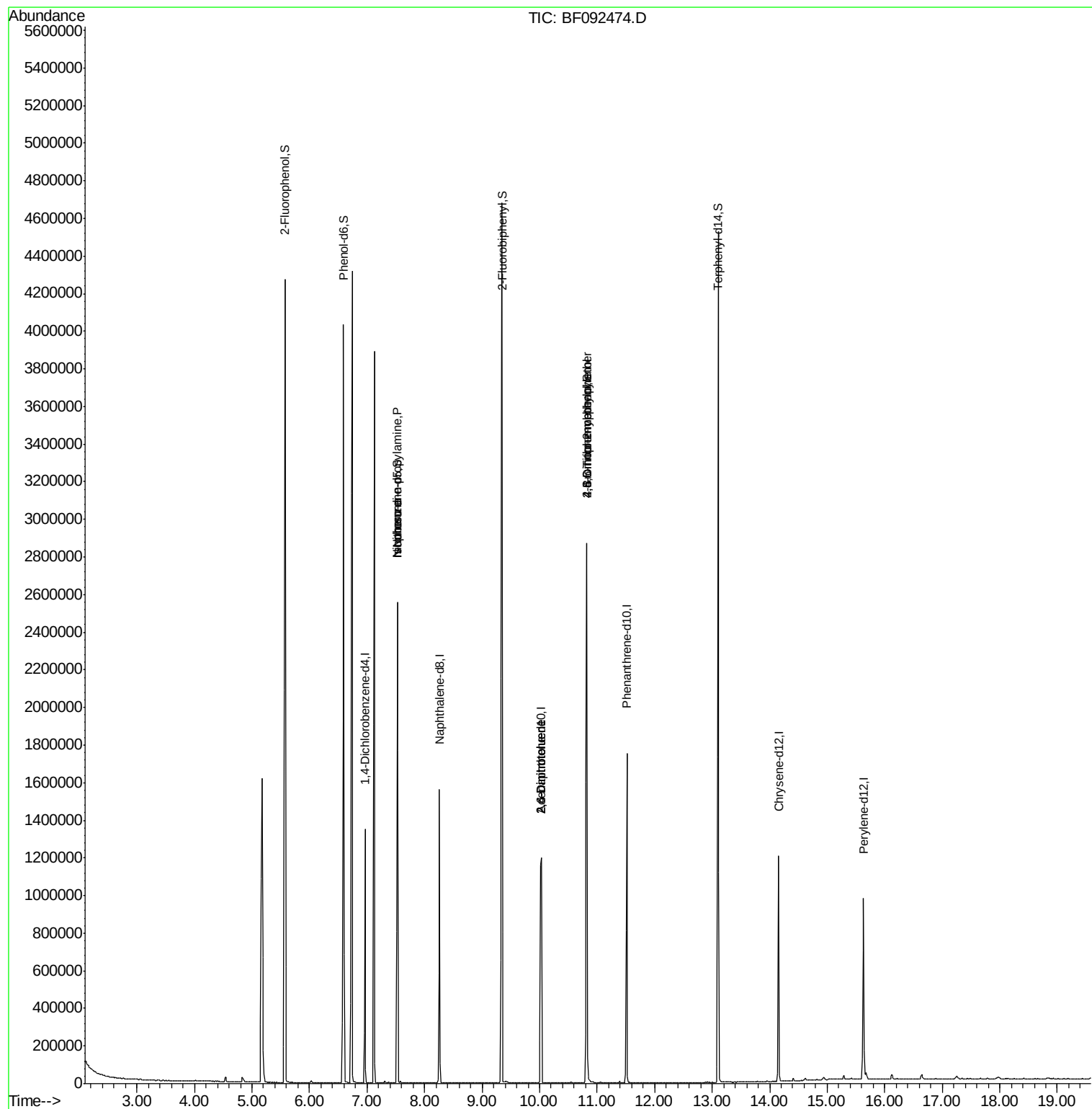
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188202	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	754060	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	424755	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	728593	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	602364	20.00	ng	-0.01
86) Perylene-d12	15.63	264	481384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1354377	111.96	ng	0.02
7) Phenol-d6	6.59	99	1656808	107.53	ng	0.00
23) Nitrobenzene-d5	7.53	82	1187953	86.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	370214	127.90	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1913967	83.32	ng	-0.01
78) Terphenyl-d14	13.11	244	1669782	73.82	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	157397	15.00	ng	# 83
25) Isophorone	7.53	82	1001722	36.82	ng	# 65
50) 2,6-Dinitrotoluene	10.03	165	53739	9.73	ng	# 29
56) 2,4-Dinitrotoluene	10.03	165	53741	7.33	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.82	198	998	5.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	29880	4.06	ng	# 1

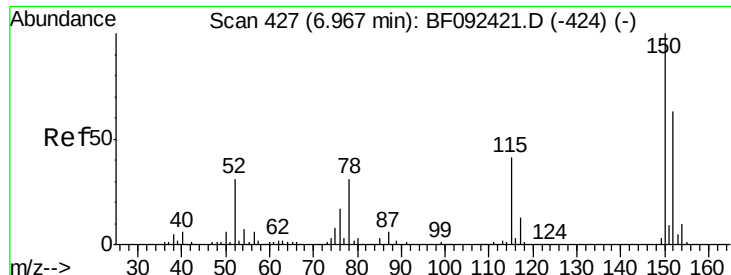
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092474.D
Acq On : 25 Jan 2017 14:10
Operator : SJ/MA
Sample : PB96090BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jan 25 17:21:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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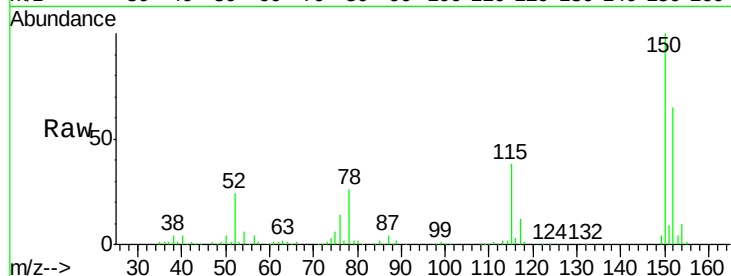


#1

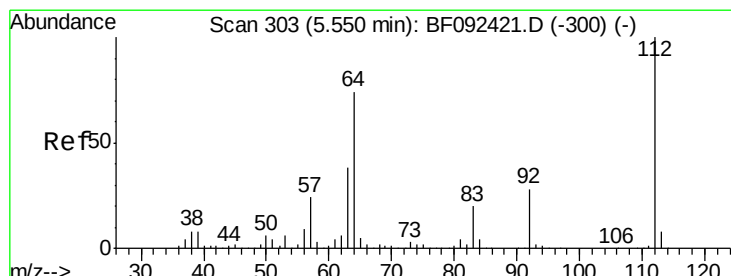
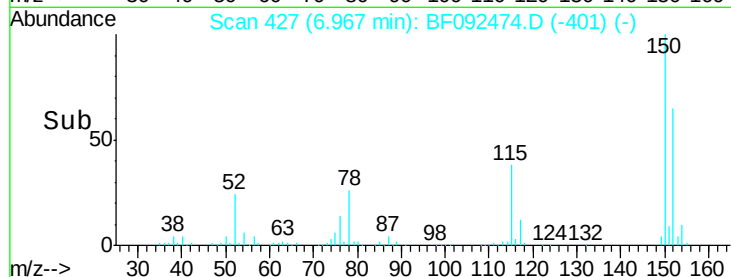
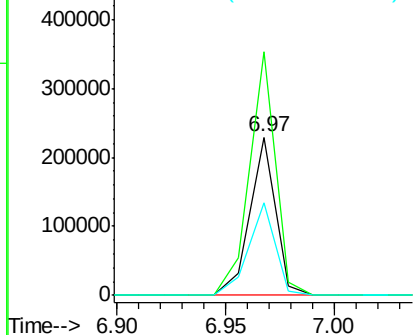
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092474.D
Acq: 25 Jan 2017 14:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 188202
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 58.3 46.0 69.0



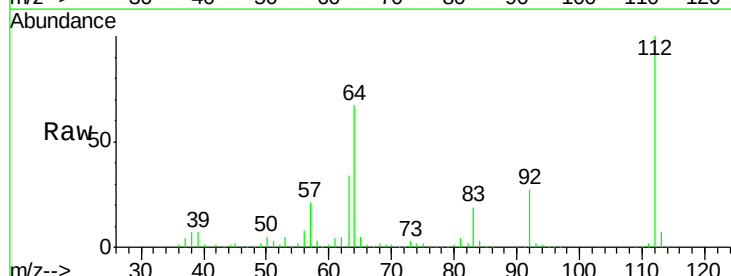
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



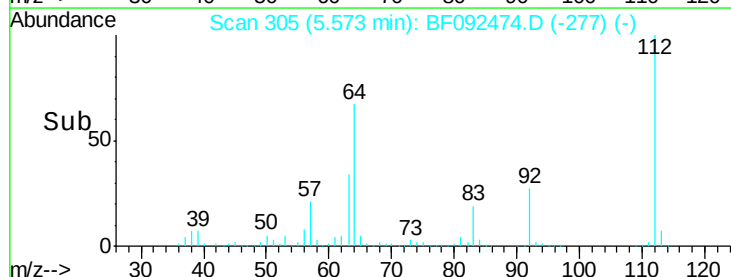
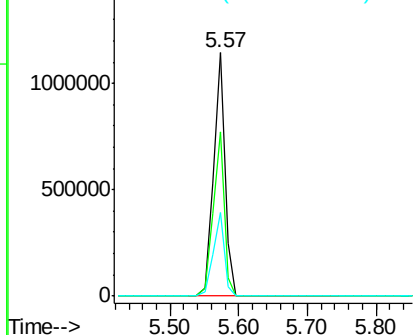
#5

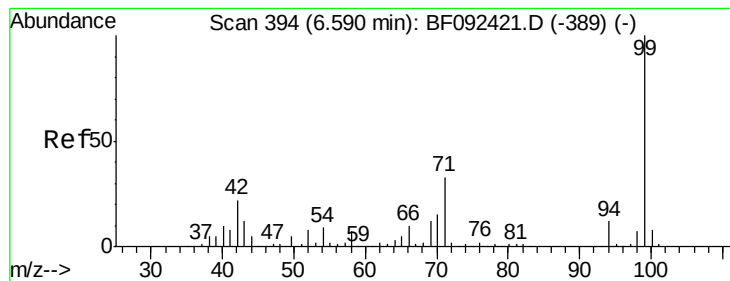
2-Fluorophenol
Concen: 111.96 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092474.D
Acq: 25 Jan 2017 14:10

Tgt Ion:112 Resp: 1354377
Ion Ratio Lower Upper
112 100
64 67.5 46.1 69.1
63 34.3 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: 107.53 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092474.D

Acq: 25 Jan 2017 14:10

Instrument :

BNA_F

ClientSampleId :

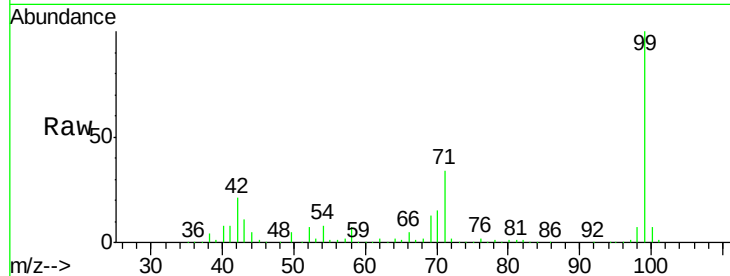
Tot Ion: 99 Resp: 1656808

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

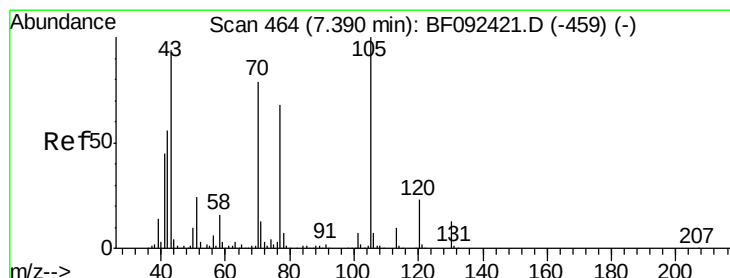
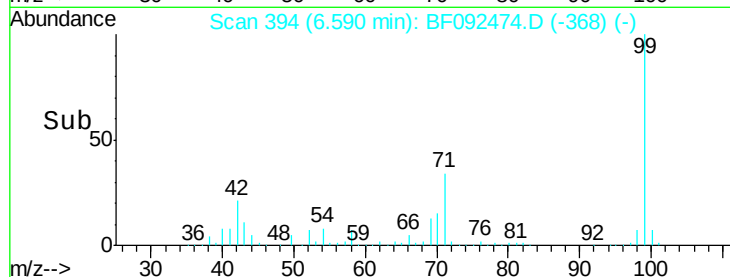
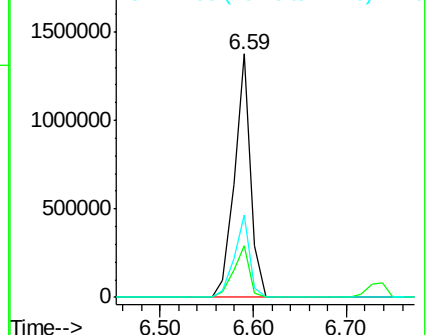
71 33.6 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.00 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092474.D

Acq: 25 Jan 2017 14:10

Tgt Ion: 70 Resp: 157397

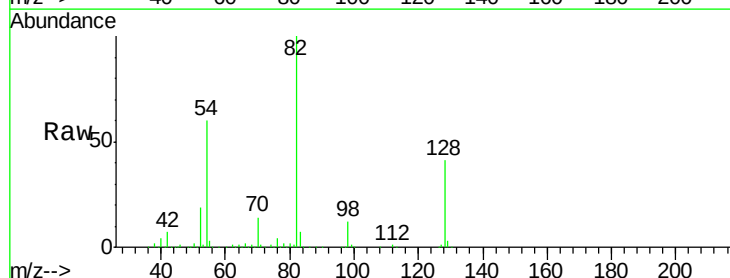
Ion Ratio Lower Upper

70 100

42 54.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

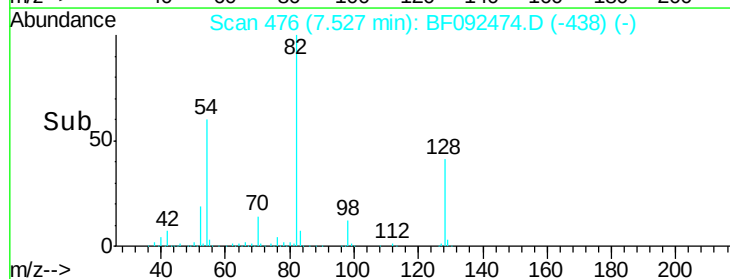
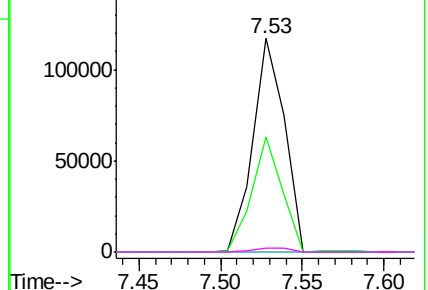


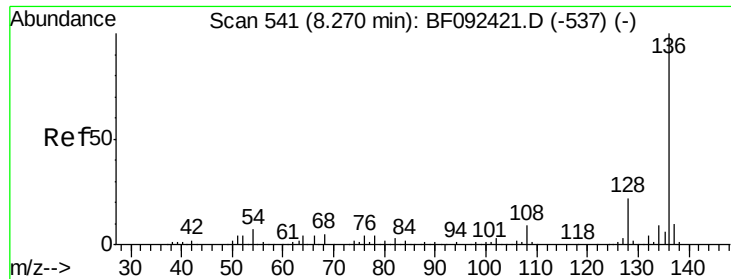
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

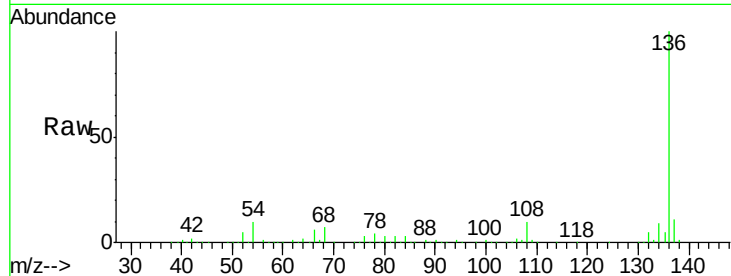




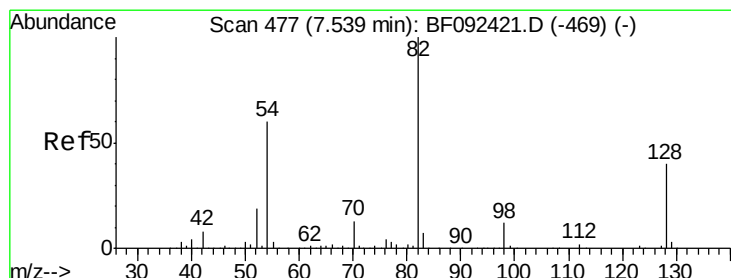
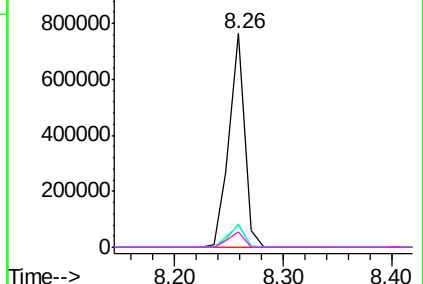
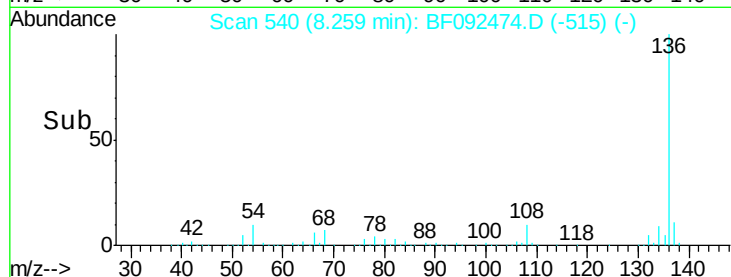
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092474.D
Acq: 25 Jan 2017 14:10

Instrument :
BNA_F
ClientSampleID :

Tot Ion:136	Resp:	754060
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.4 12.6
54	9.9	4.5 6.7#
68	7.1	3.6 5.4#

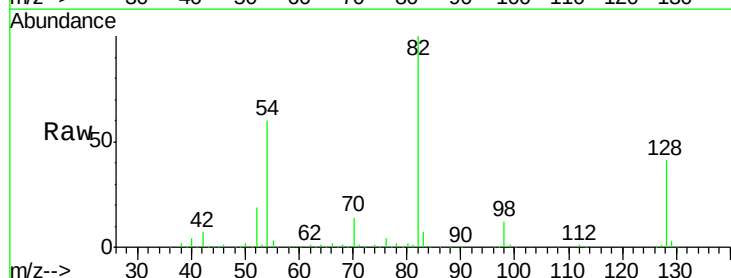


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

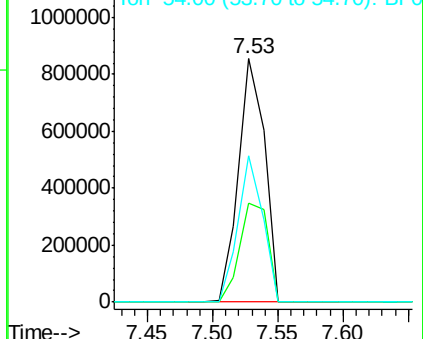
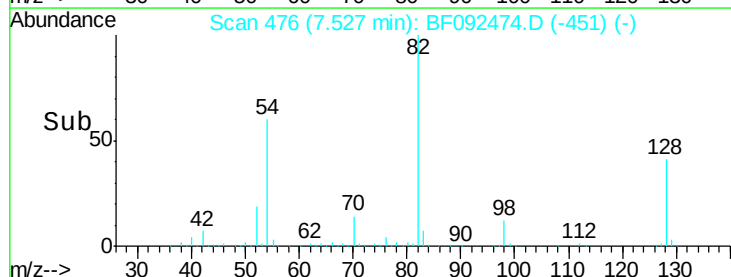


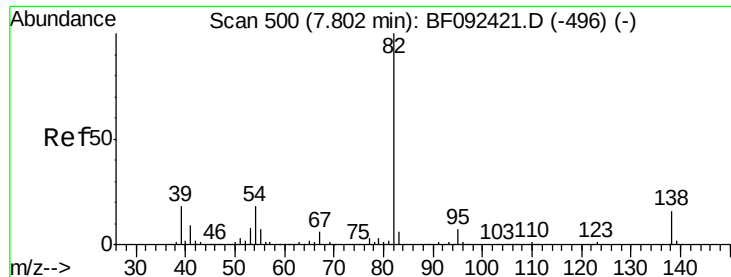
#23
Nitrobenzene-d5
Concen: 86.06 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092474.D
Acq: 25 Jan 2017 14:10

Tgt Ion: 82	Resp:	1187953
Ion Ratio	Lower	Upper
82	100	
128	40.6	34.6 52.0
54	60.1	39.5 59.3#



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





#25

Isophorone

Concen: 36.82 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092474.D

Acq: 25 Jan 2017 14:10

Instrument :

BNA_F

ClientSampleId :

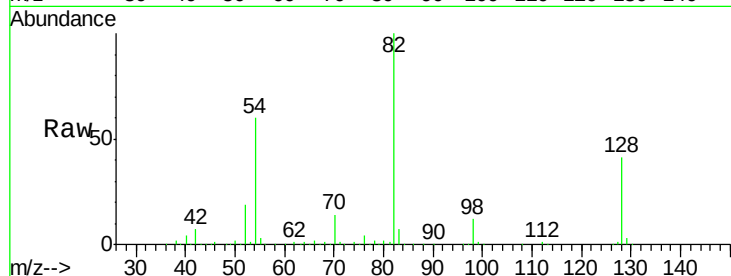
Tot Ion: 82 Resp: 1001722

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

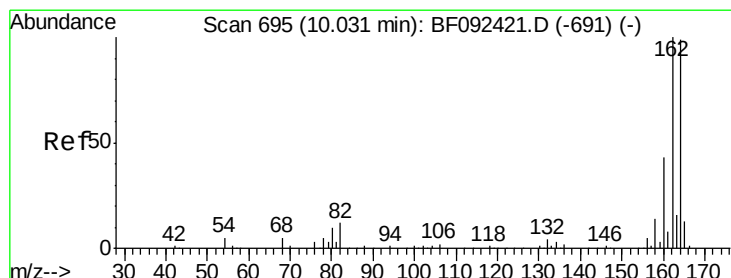
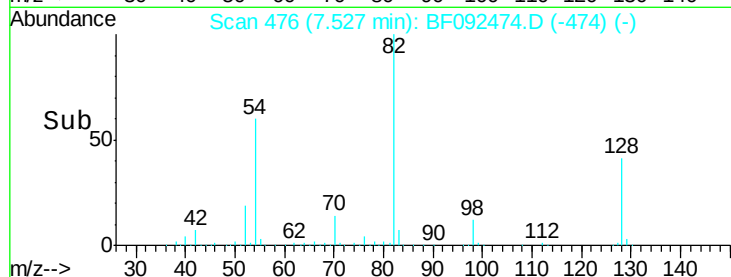
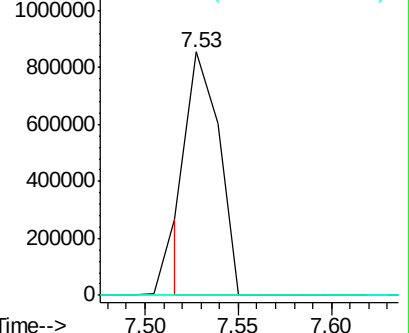
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092474.D

Acq: 25 Jan 2017 14:10

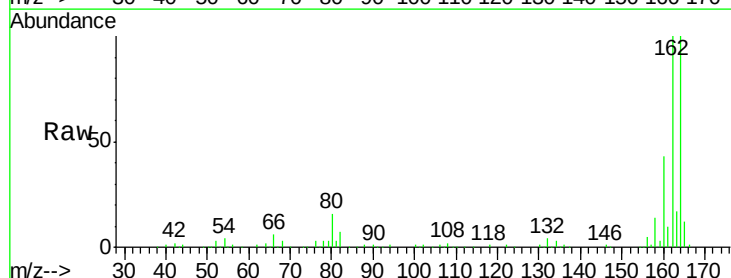
Tgt Ion: 164 Resp: 424755

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

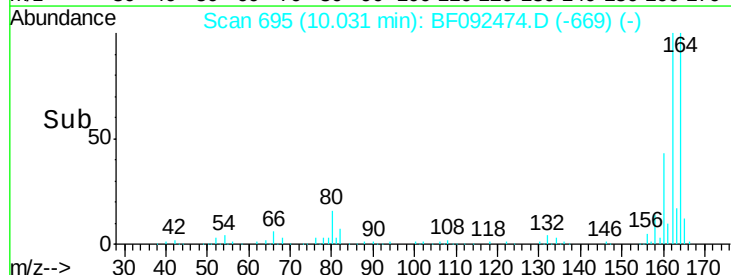
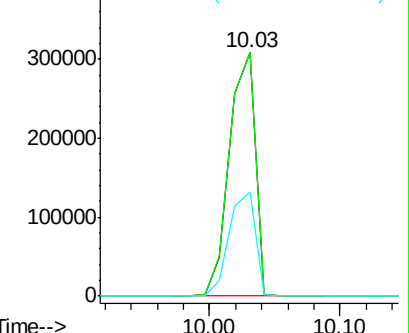
160 42.6 36.9 55.3

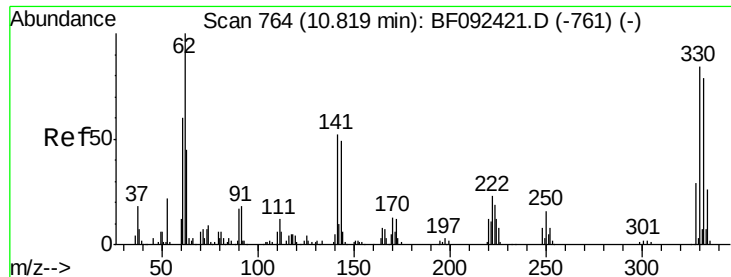


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

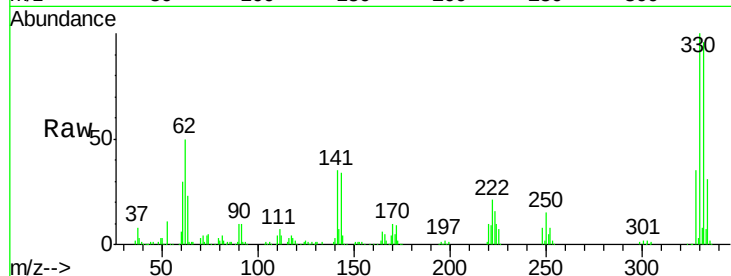




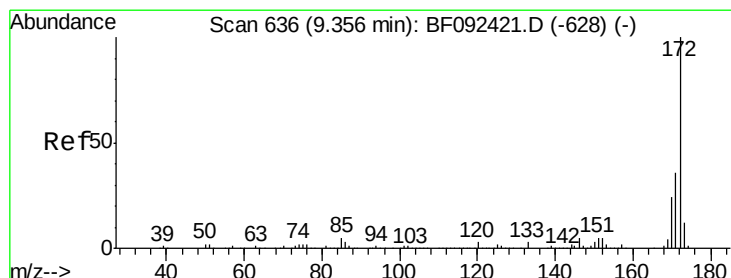
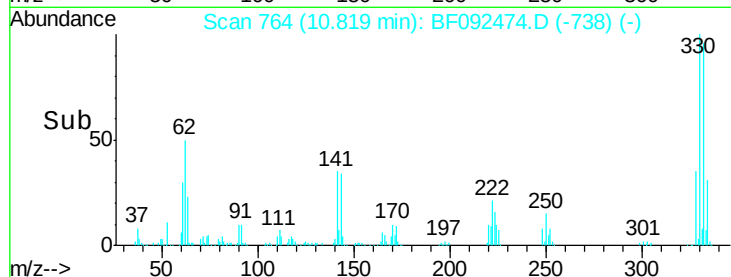
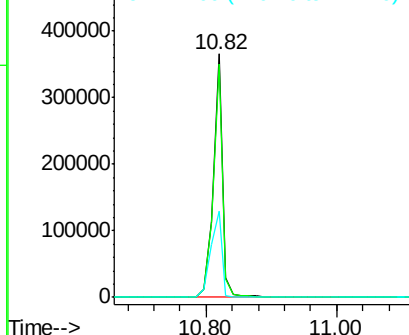
#41
 2,4,6-Tribromophenol
 Concen: 127.90 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092474.D
 Acq: 25 Jan 2017 14:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 370214
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 42.8 34.1 51.1

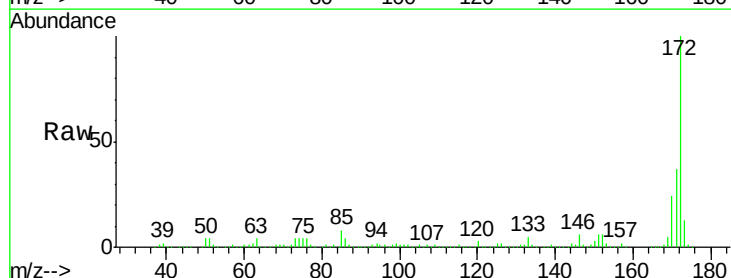


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

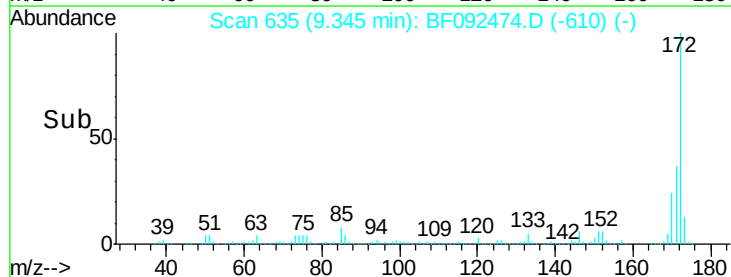
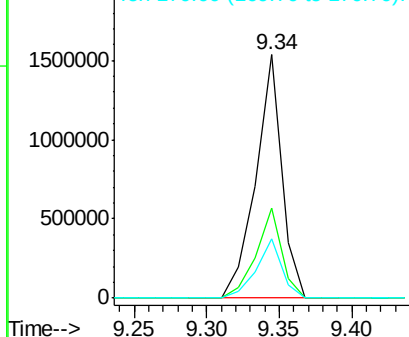


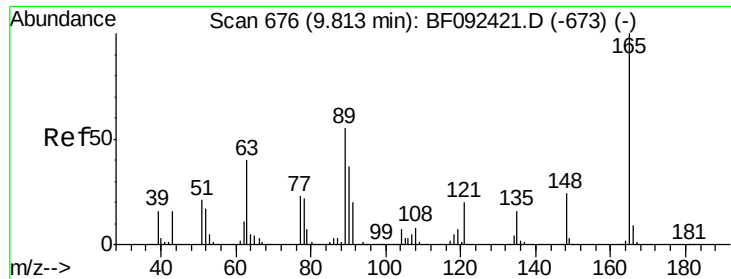
#44
 2-Fluorobiphenyl
 Concen: 83.32 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092474.D
 Acq: 25 Jan 2017 14:10

Tgt Ion:172 Resp: 1913967
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.5 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

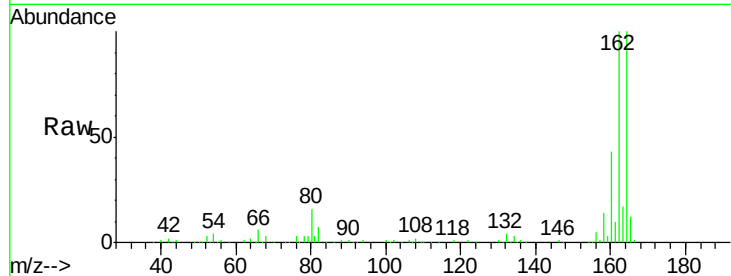




#50
2,6-Dinitrotoluene
Concen: 9.73 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092474.D
Acq: 25 Jan 2017 14:10

Instrument :
BNA_F
ClientSampleId :

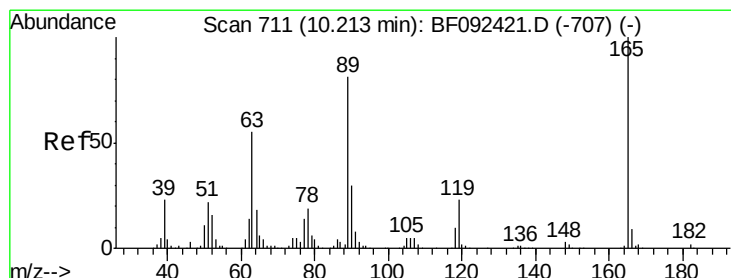
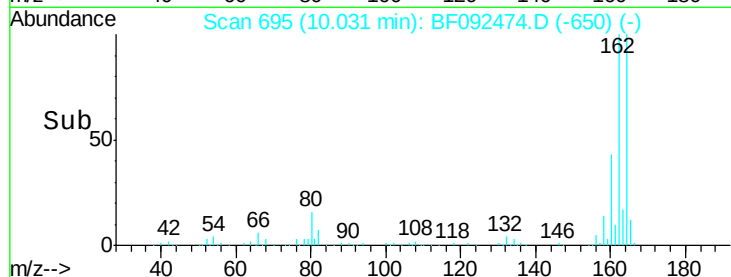
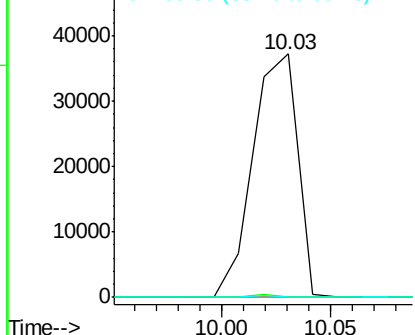
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#



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



#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092474.D
Acq: 25 Jan 2017 14:10

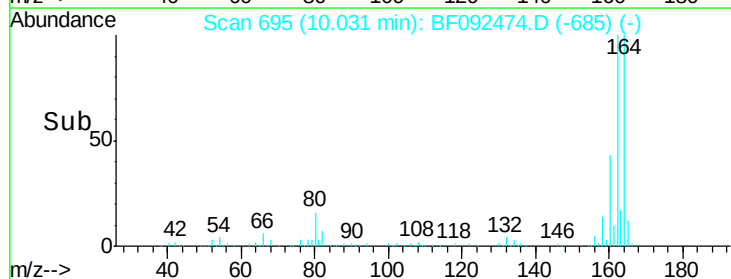
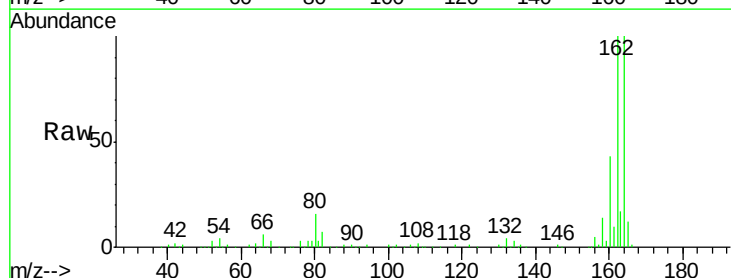
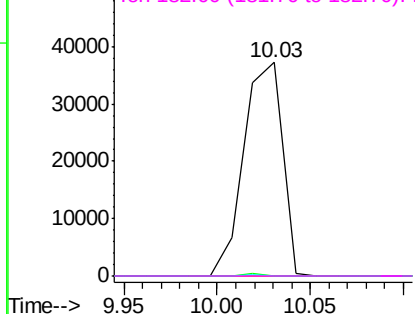
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

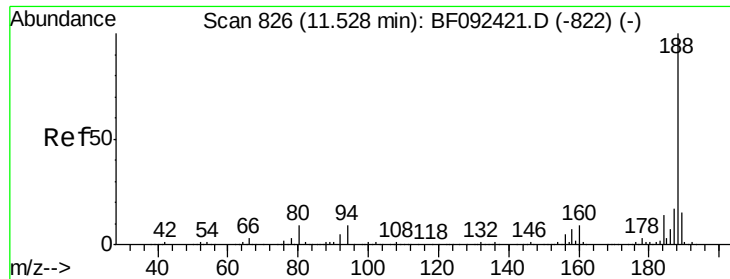
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

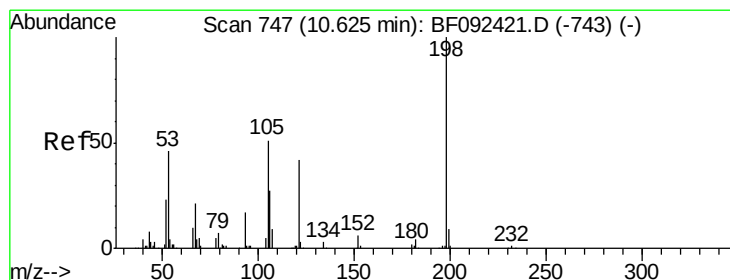
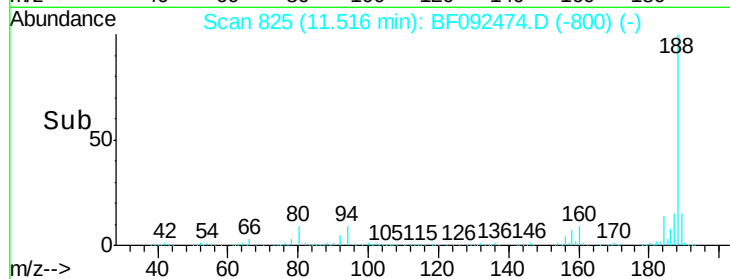
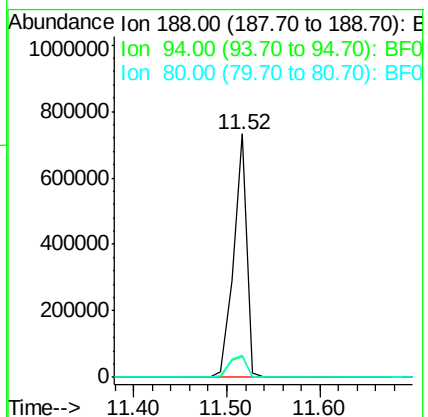
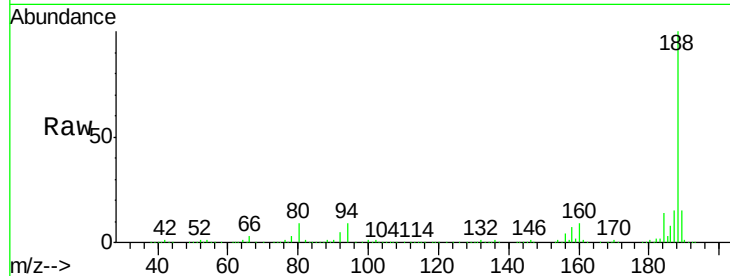




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092474.D
 Acq: 25 Jan 2017 14:10

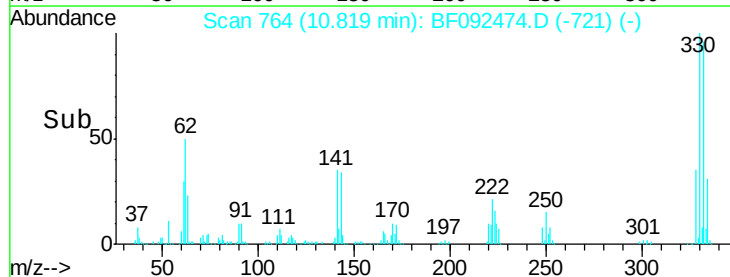
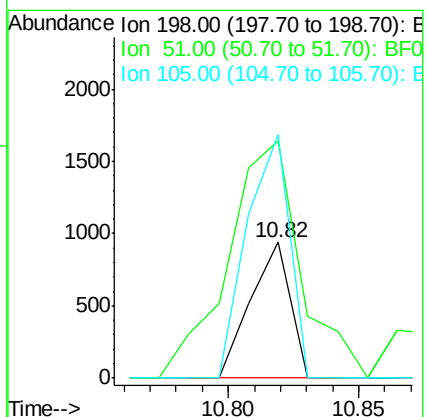
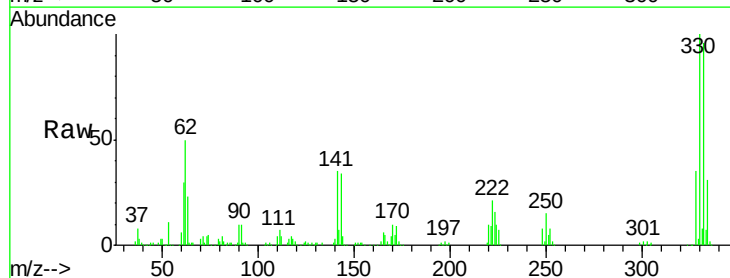
Instrument :
 BNA_F
 ClientSampled :

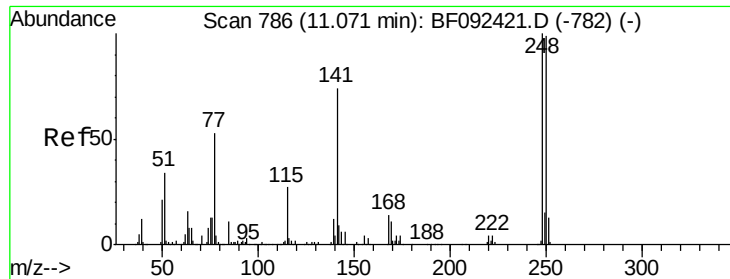
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.0	15.0#
80	9.1	11.2	16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.18 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092474.D
 Acq: 25 Jan 2017 14:10

Tgt Ion	Ratio	Lower	Upper
198	100		
51	174.5	6.7	46.7#
105	179.6	16.6	56.6#

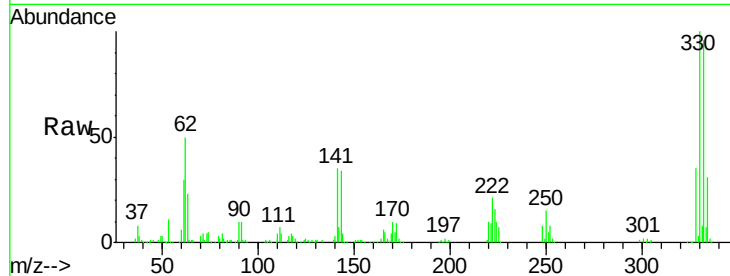




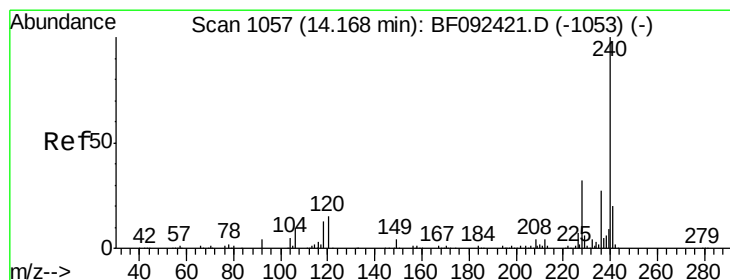
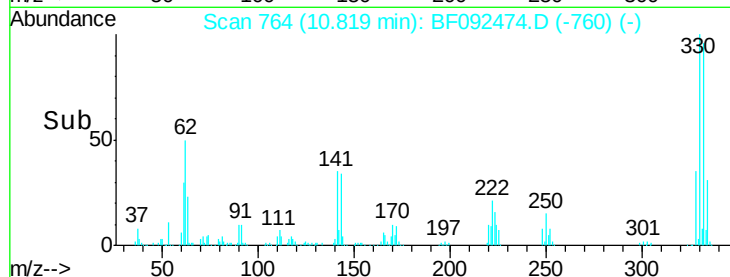
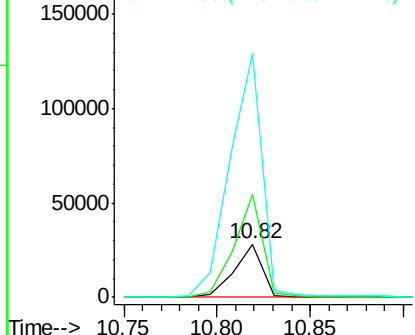
#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092474.D
Acq: 25 Jan 2017 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 29880
Ion Ratio Lower Upper
248 100
250 194.5 76.9 115.3#
141 458.2 68.2 102.4#

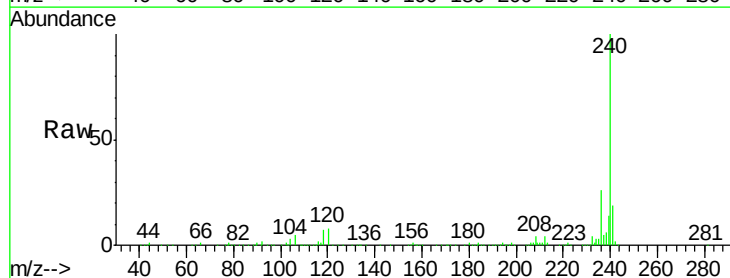


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

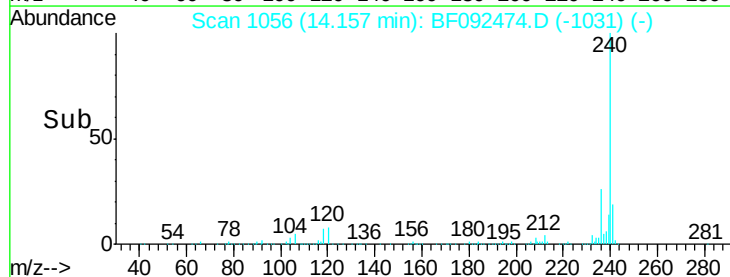
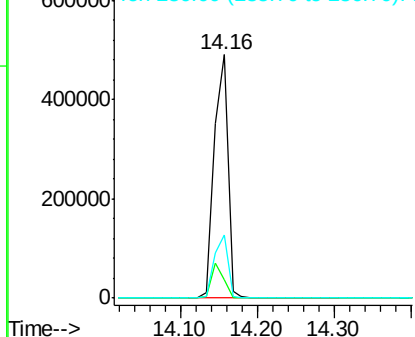


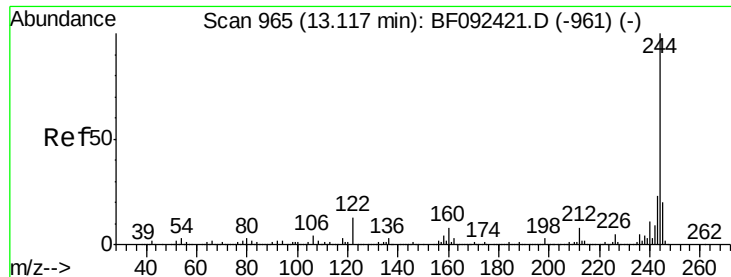
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092474.D
Acq: 25 Jan 2017 14:10

Tgt Ion:240 Resp: 602364
Ion Ratio Lower Upper
240 100
120 7.8 12.9 19.3#
236 26.2 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

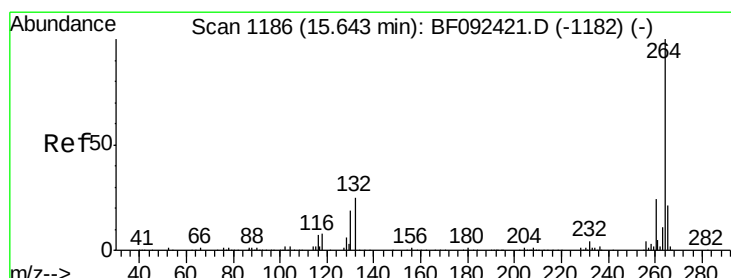
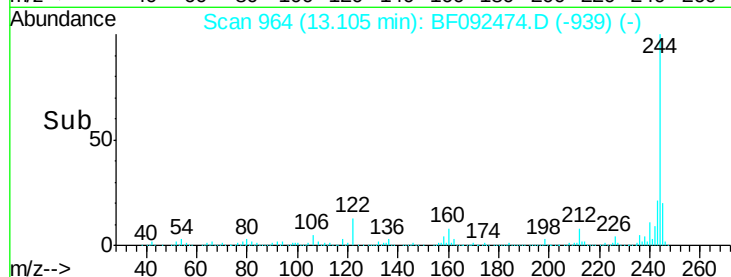
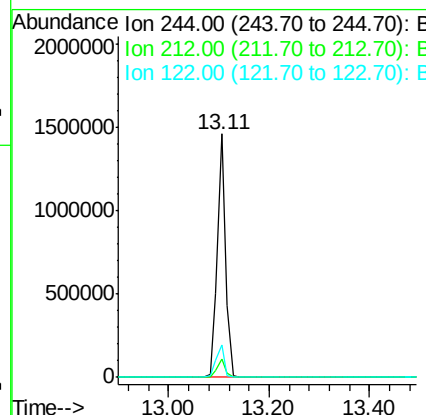
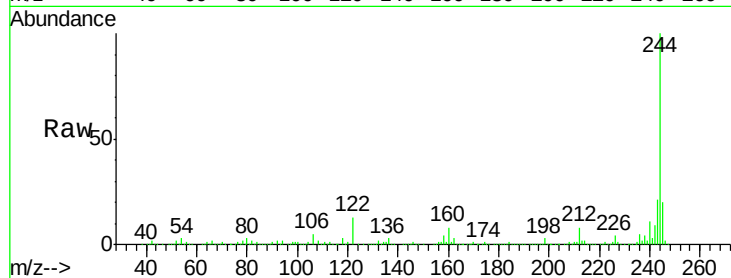




#78
 Terphenyl-d14
 Concen: 73.82 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092474.D
 Acq: 25 Jan 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1669782
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092474.D
 Acq: 25 Jan 2017 14:10

Tgt Ion:264 Resp: 481384
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.3 17.4 26.0

