

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092491.D
 Acq On : 25 Jan 2017 21:57
 Operator : SJ/MA
 Sample : I1398-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:58:02 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

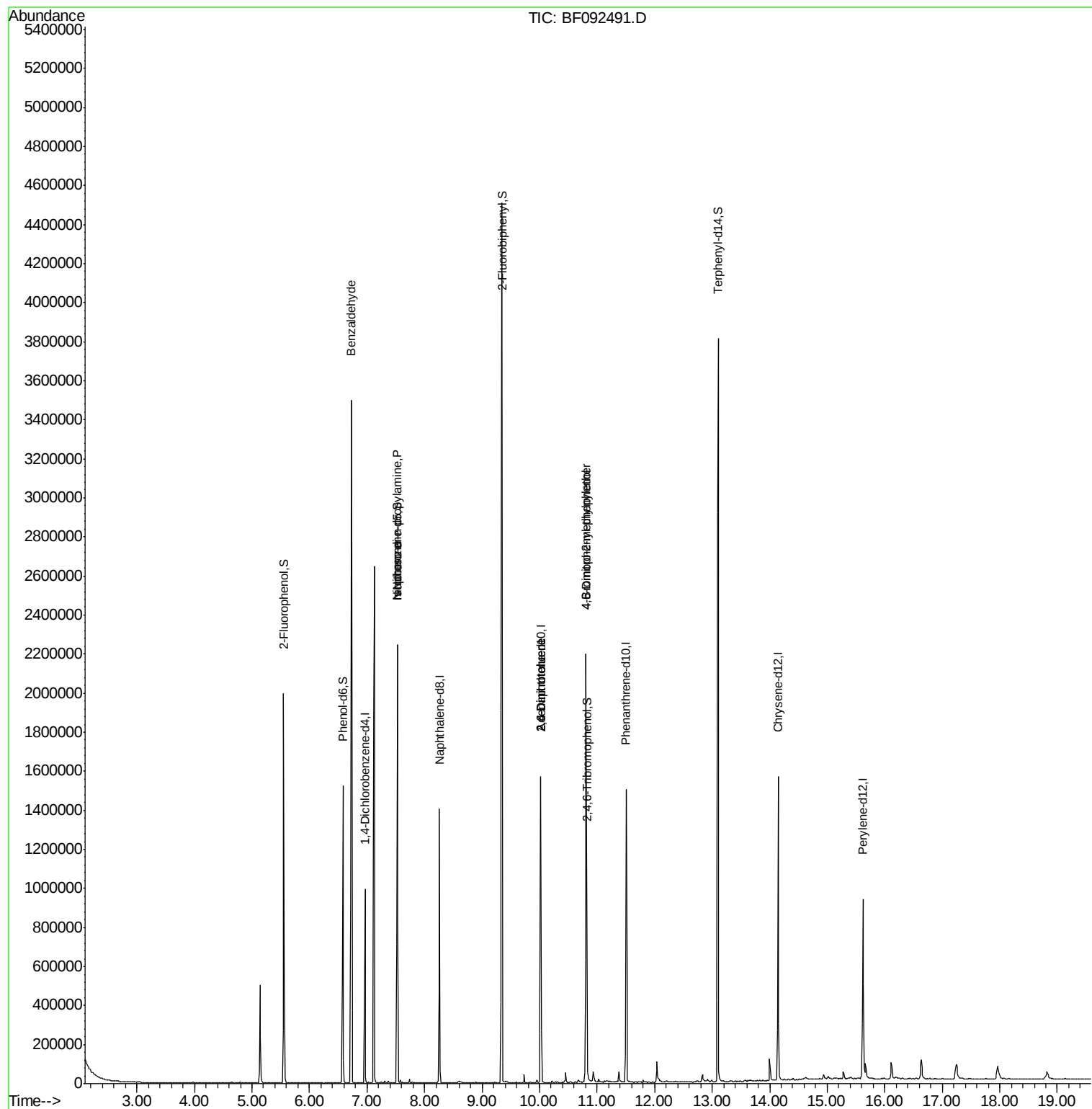
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164146	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	643399	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	333305	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	580446	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	520431	20.00	ng	-0.02
86) Perylene-d12	15.62	264	447074	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	533231	50.54	ng	0.00
7) Phenol-d6	6.58	99	503417	37.46	ng	-0.01
23) Nitrobenzene-d5	7.53	82	879511	74.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	339897	149.65	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1583210	87.84	ng	-0.01
78) Terphenyl-d14	13.10	244	1629786	83.39	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	20904	2.19	ng	# 74
19) n-Nitroso-di-n-propylamine	7.53	70	115391	12.61	ng	# 85
25) Isophorone	7.53	82	713663	30.75	ng	# 65
50) 2,6-Dinitrotoluene	10.02	165	43076	9.94	ng	# 30
56) 2,4-Dinitrotoluene	10.02	165	43078	7.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	457	5.08	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	23989	4.09	ng	# 1

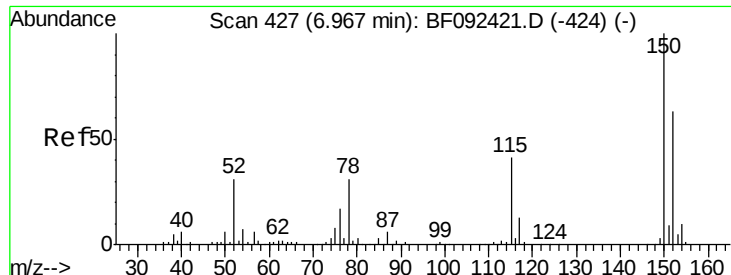
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092491.D

Acq: 25 Jan 2017 21:57

Instrument :

BNA_F

ClientSampleId :

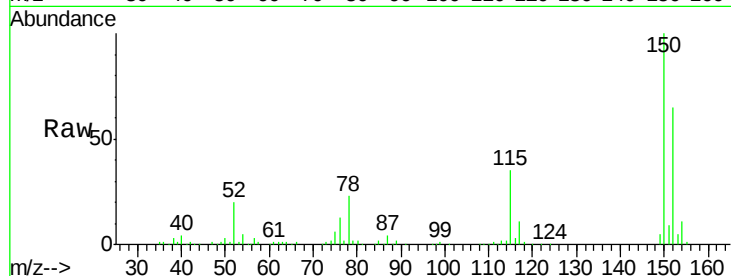
Tot Ion:152 Resp: 164146

Ion Ratio Lower Upper

152 100

150 153.3 124.9 187.3

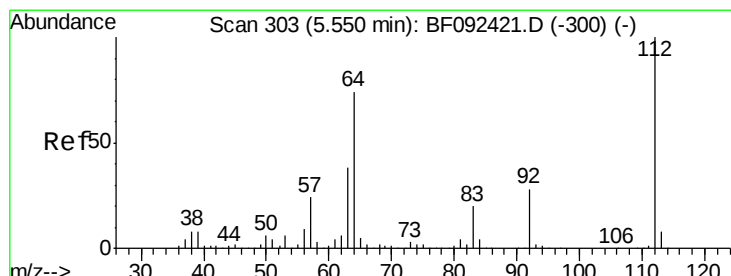
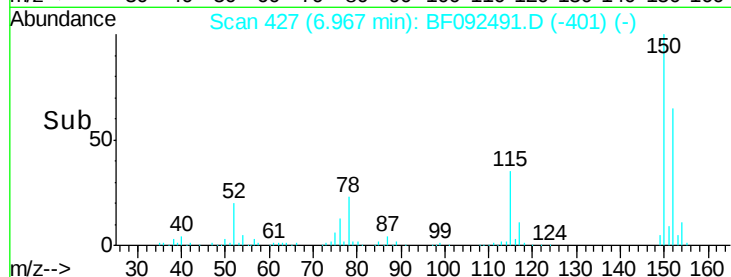
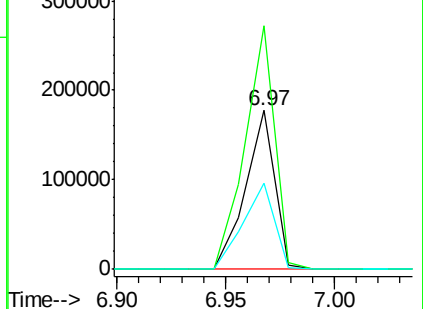
115 54.2 46.0 69.0



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: 50.54 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF092491.D

Acq: 25 Jan 2017 21:57

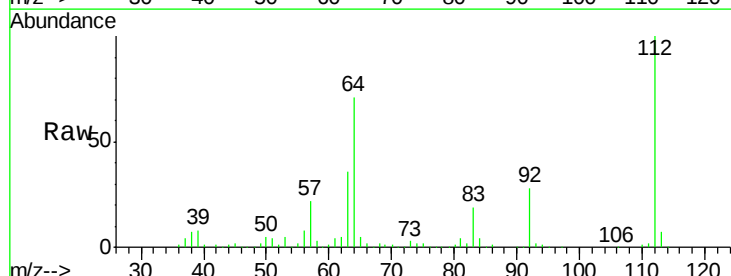
Tgt Ion:112 Resp: 533231

Ion Ratio Lower Upper

112 100

64 70.6 46.1 69.1#

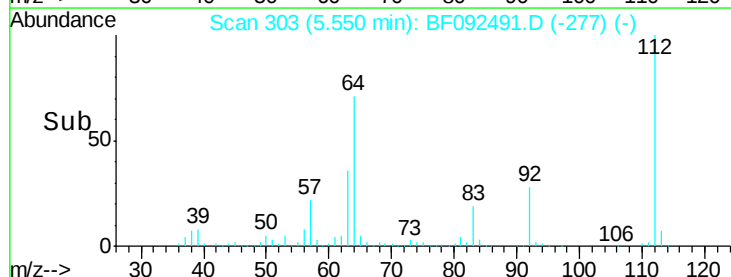
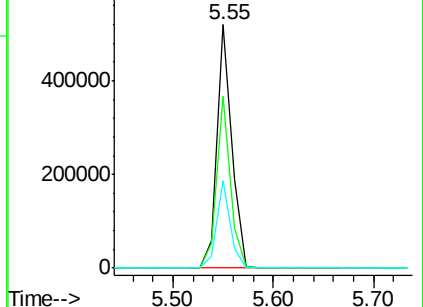
63 35.7 23.8 35.6#

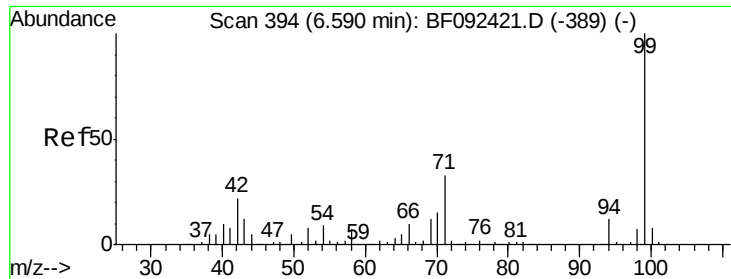


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.46 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092491.D

Acq: 25 Jan 2017 21:57

Instrument :

BNA_F

ClientSampleId :

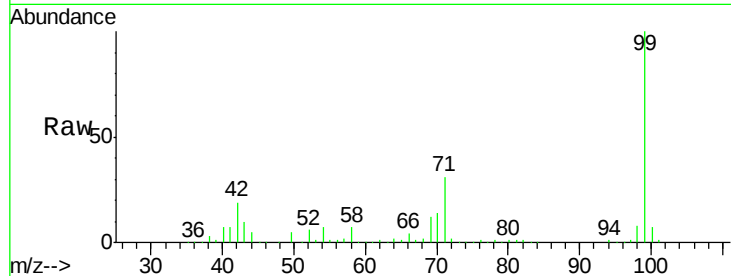
Tot Ion: 99 Resp: 503417

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

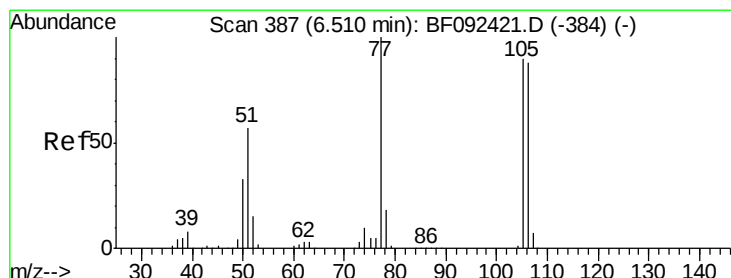
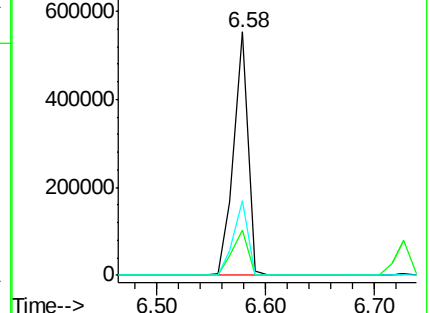
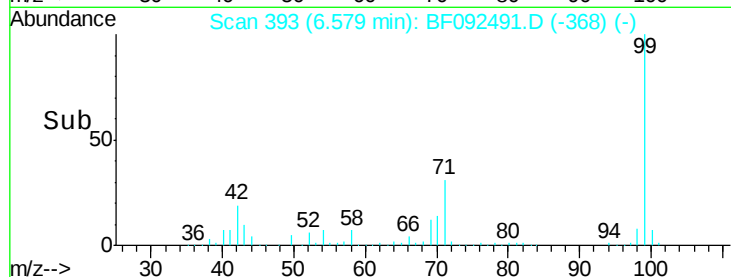
71 30.7 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.19 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.22 min

Lab File: BF092491.D

Acq: 25 Jan 2017 21:57

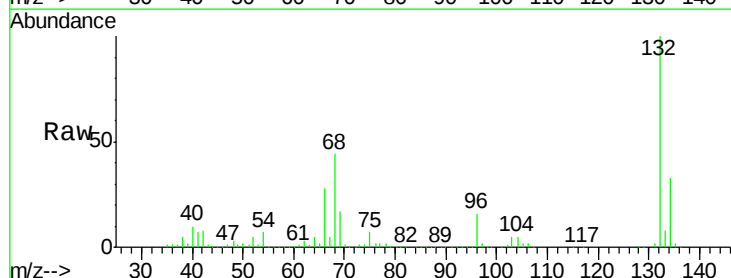
Tgt Ion: 77 Resp: 20904

Ion Ratio Lower Upper

77 100

105 77.0 83.9 123.9#

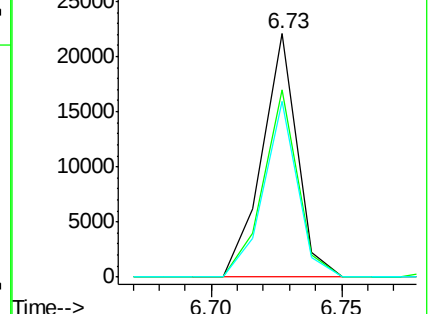
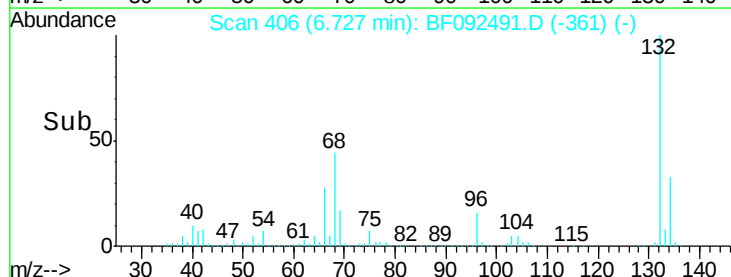
106 72.4 77.6 117.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

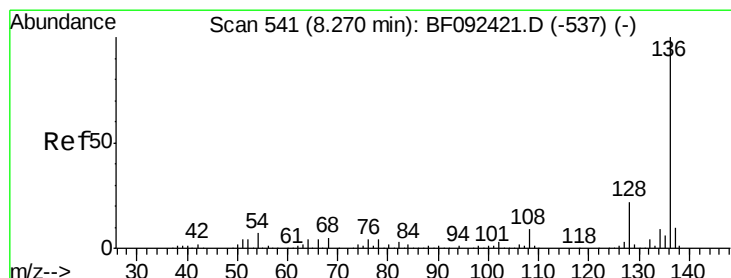
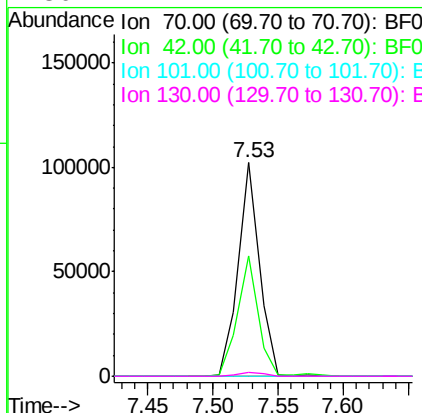
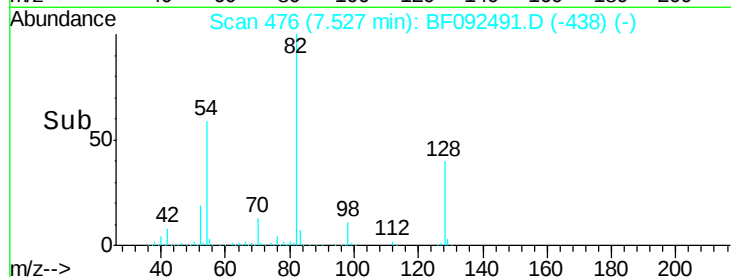
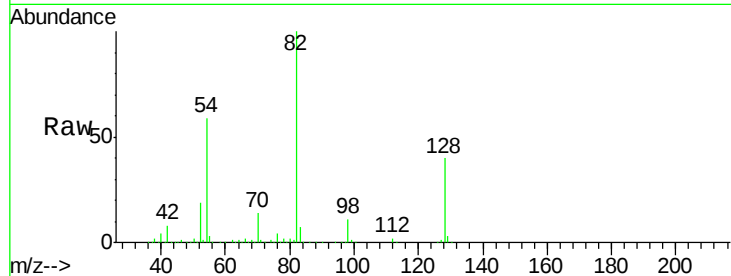




#19
n-Nitroso-di-n-propylamine
Concen: 12.61 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

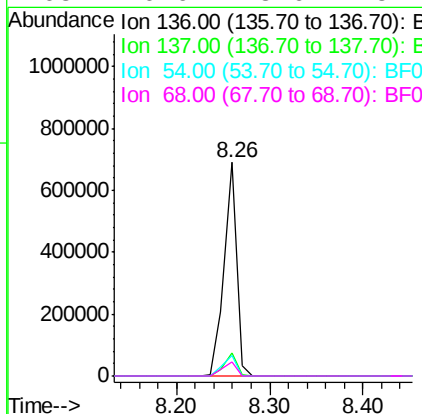
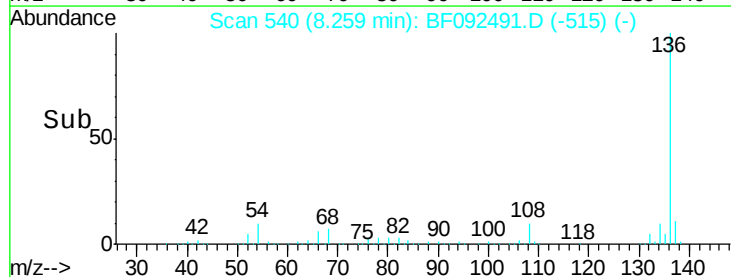
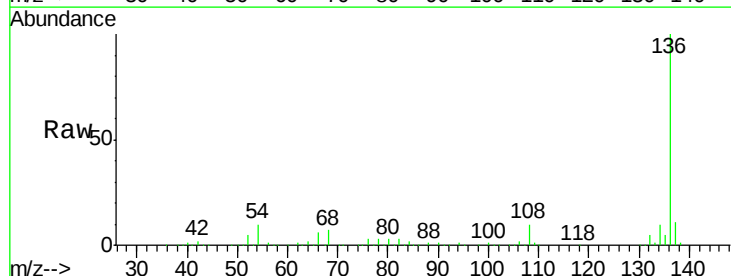
Instrument :
BNA_F
ClientSampleId :

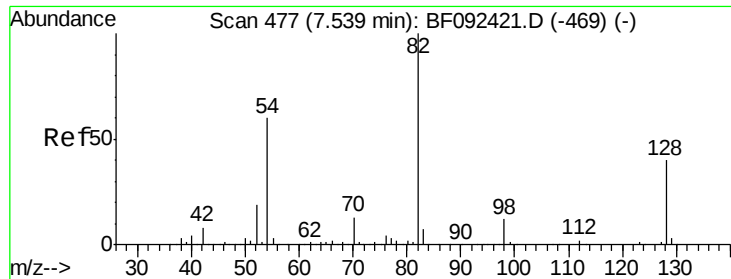
Tot Ion: 70 Resp: 115391
Ion Ratio Lower Upper
70 100
42 56.3 49.4 74.0
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Tgt Ion:136 Resp: 643399
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.8 4.5 6.7#
68 6.6 3.6 5.4#

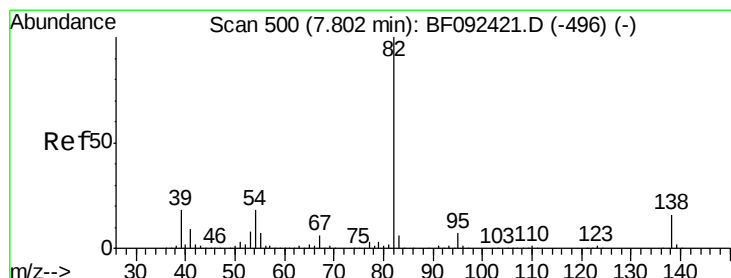
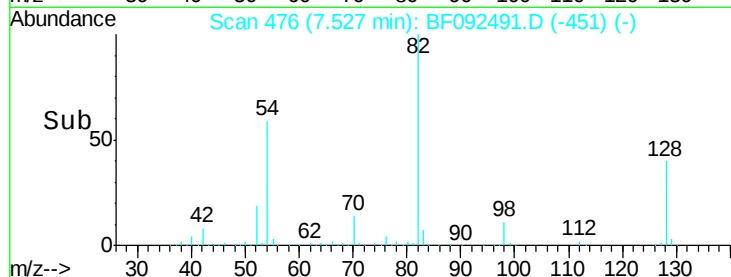
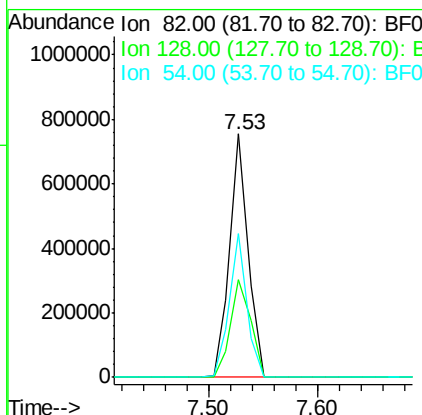
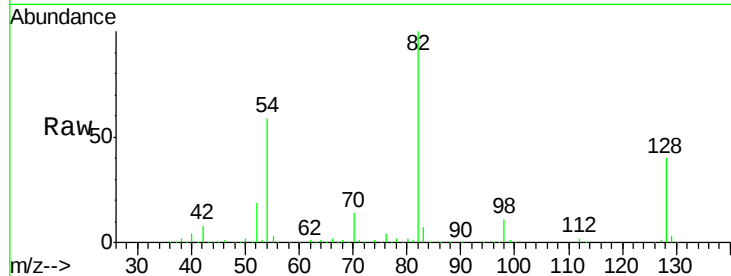




#23
 Nitrobenzene-d5
 Concen: 74.67 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

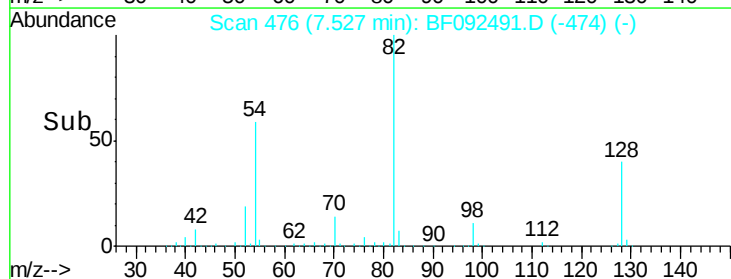
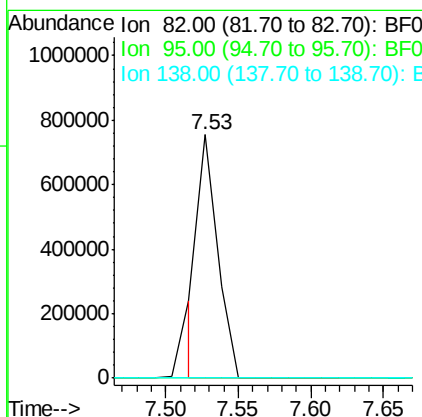
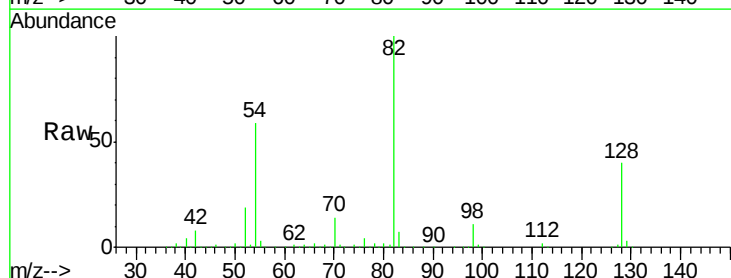
Instrument :
 BNA_F
 ClientSampleID :

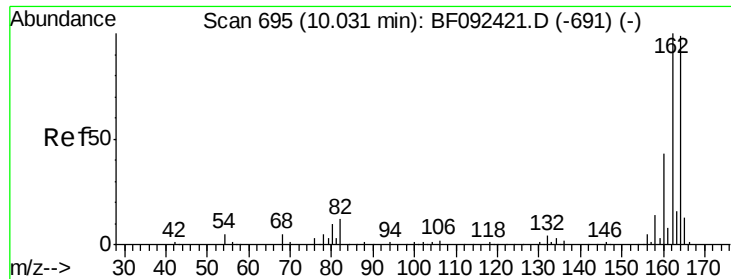
Tot Ion	82	Resp	879511
Ion Ratio	Lower	Upper	
82	100		
128	40.1	34.6	52.0
54	59.2	39.5	59.3



#25
 Isophorone
 Concen: 30.75 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

Tgt Ion	82	Resp	713663
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

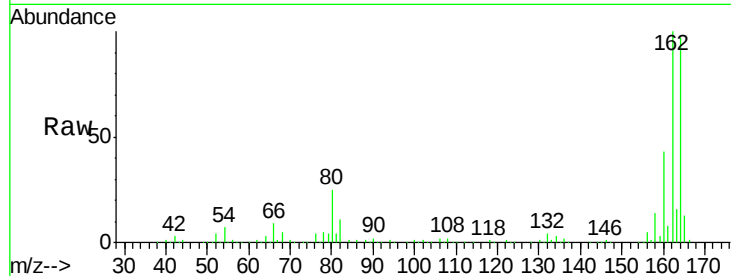




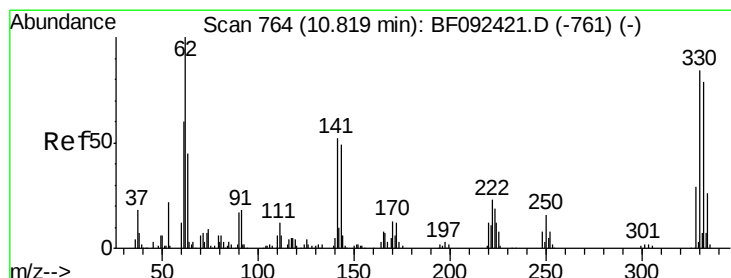
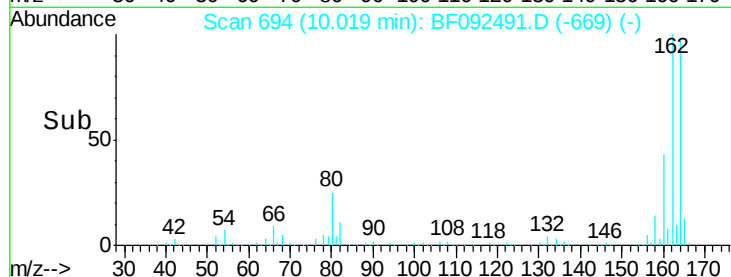
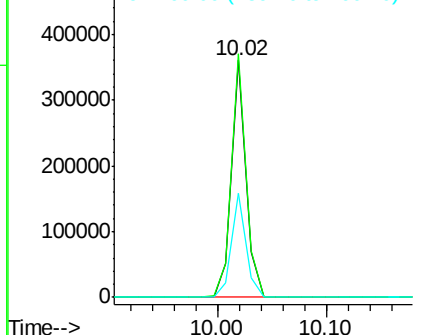
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 333305
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.2 120.2
 160 43.7 36.9 55.3

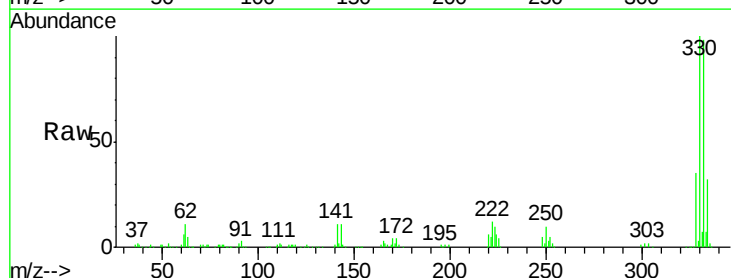


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

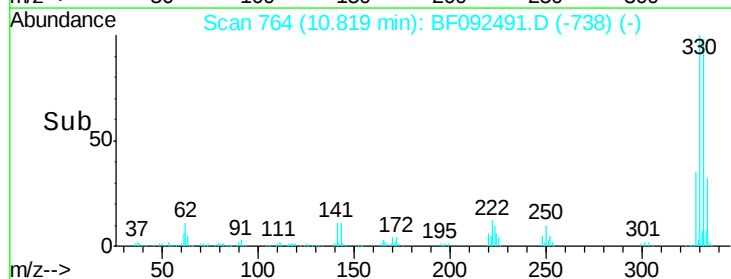
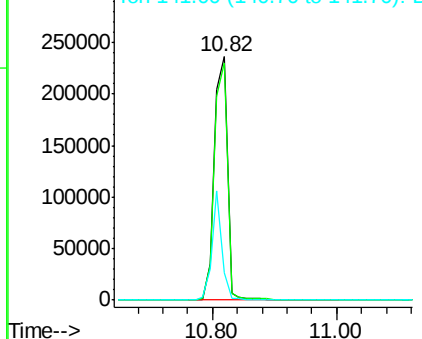


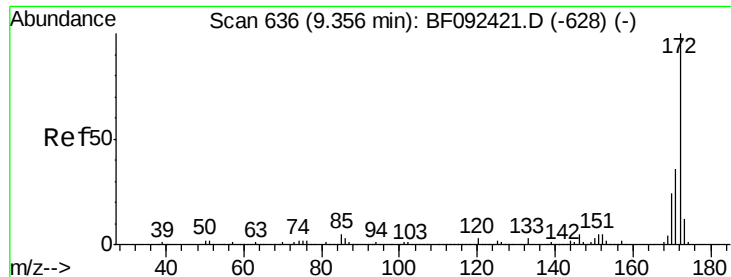
#41
 2,4,6-Tribromophenol
 Concen: 149.65 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

Tgt Ion:330 Resp: 339897
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 34.3 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



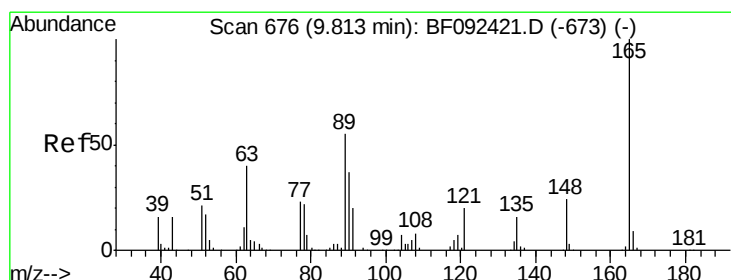
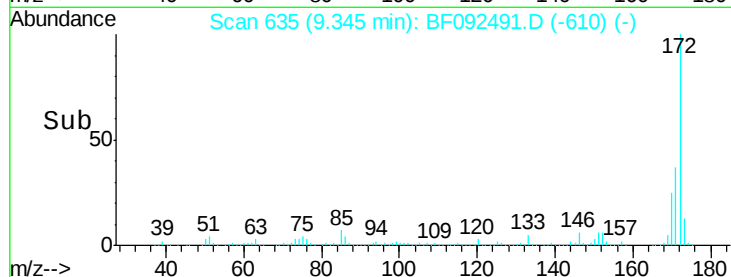
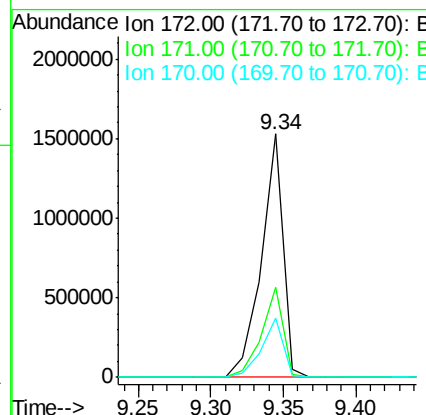
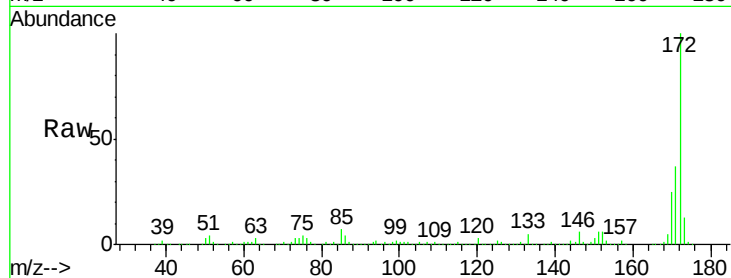


#44
 2-Fluorobiphenyl
 Concen: 87.84 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1583210

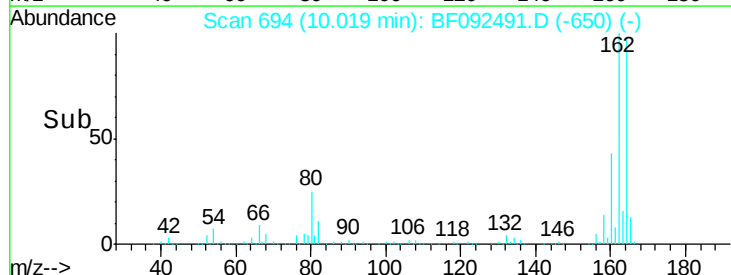
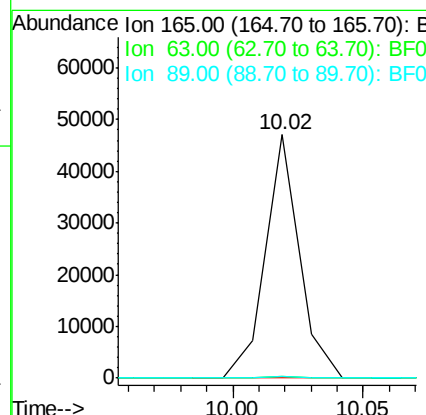
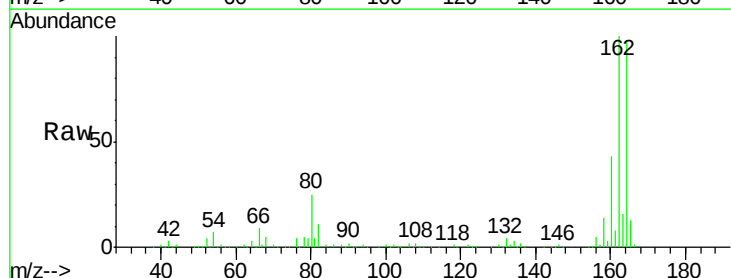
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	20.2	30.4

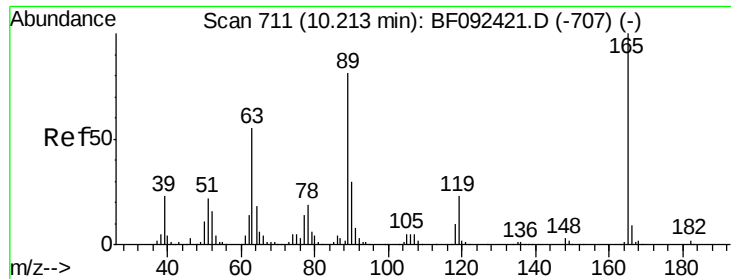


#50
 2,6-Dinitrotoluene
 Concen: 9.94 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.21 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

Tgt Ion:165 Resp: 43076

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.8	40.2	60.4#

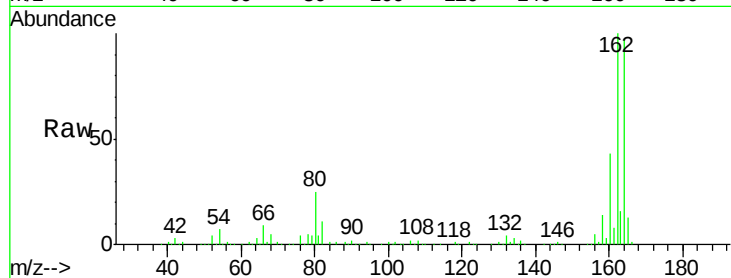




#56
 2,4-Dinitrotoluene
 Concen: 7.49 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.19 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	43078
Ion	Ratio	Lower Upper
165	100	
63	0.9	40.2 60.4#
89	0.8	62.5 93.7#
182	0.0	1.8 2.8#

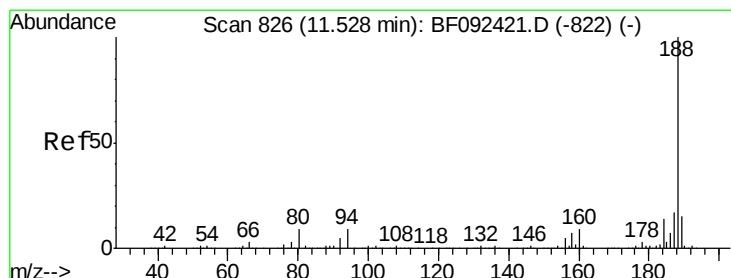
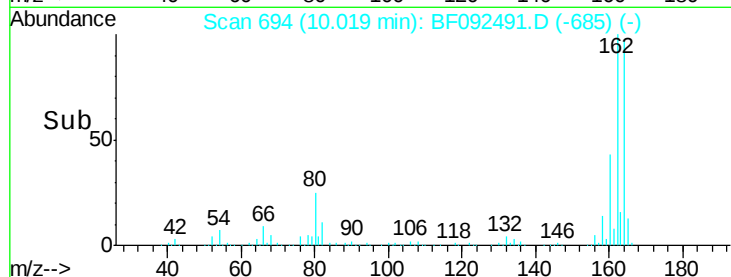
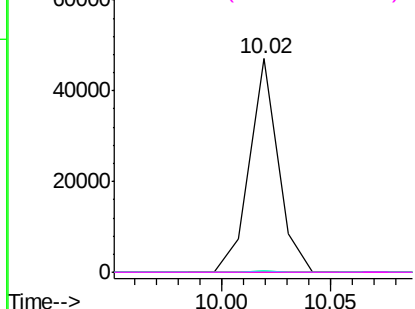


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

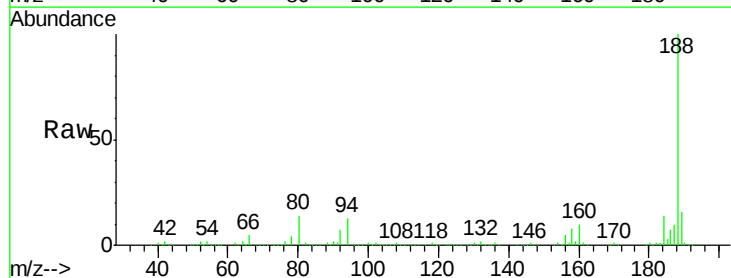
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

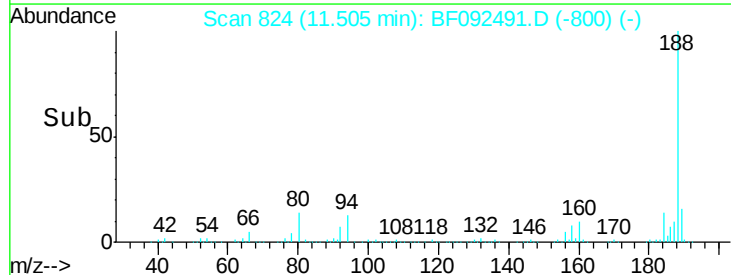
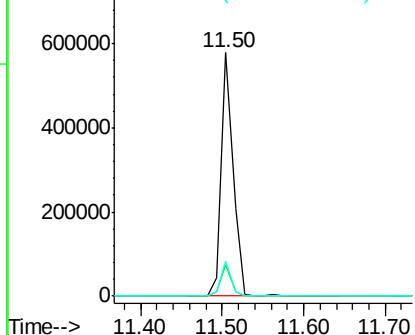
Tgt Ion:188	Resp:	580446
Ion	Ratio	Lower Upper
188	100	
94	13.0	10.0 15.0
80	14.2	11.2 16.8

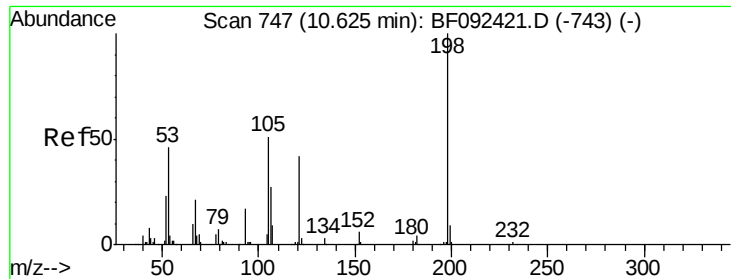


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

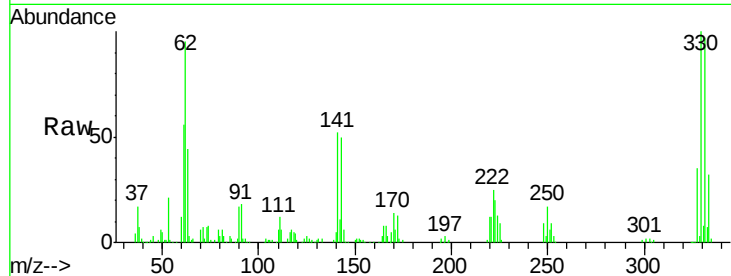




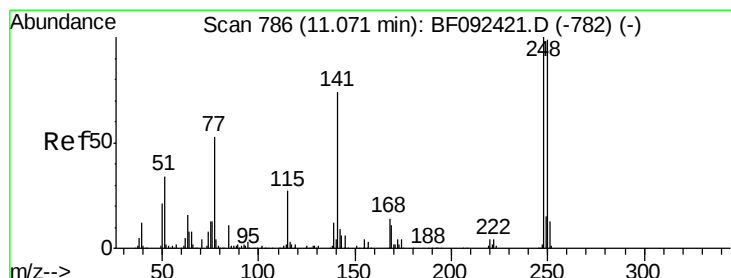
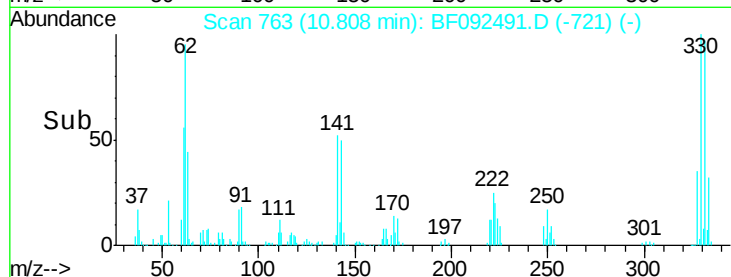
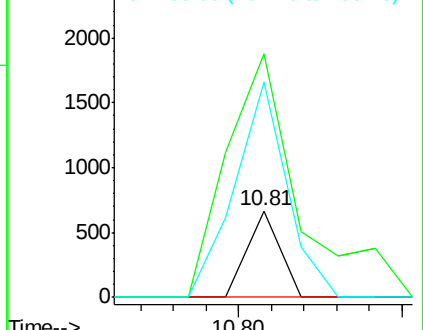
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.08 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.18 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 457
 Ion Ratio Lower Upper
 198 100
 51 281.8 6.7 46.7#
 105 250.2 16.6 56.6#

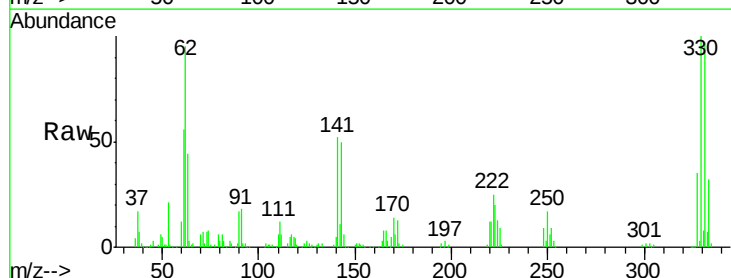


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

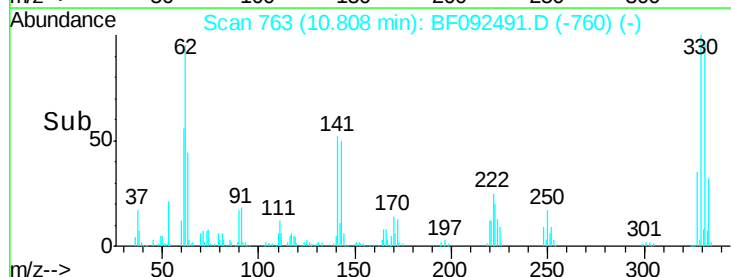
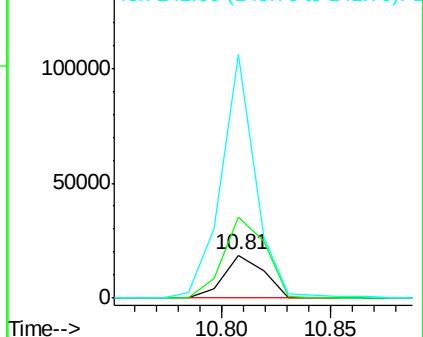


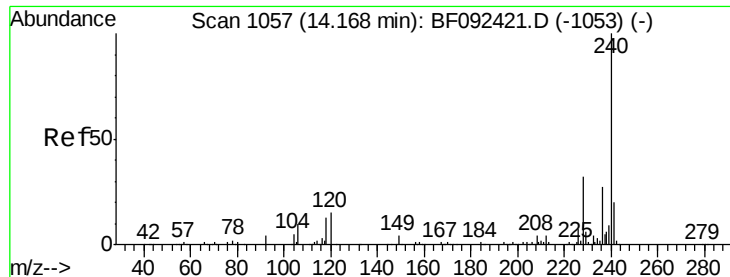
#66
 4-Bromophenyl-phenylether
 Concen: 4.09 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.26 min
 Lab File: BF092491.D
 Acq: 25 Jan 2017 21:57

Tgt Ion:248 Resp: 23989
 Ion Ratio Lower Upper
 248 100
 250 190.3 76.9 115.3#
 141 569.0 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: BF092491.D

Acq: 25 Jan 2017 21:57

Instrument :

BNA_F

ClientSampleId :

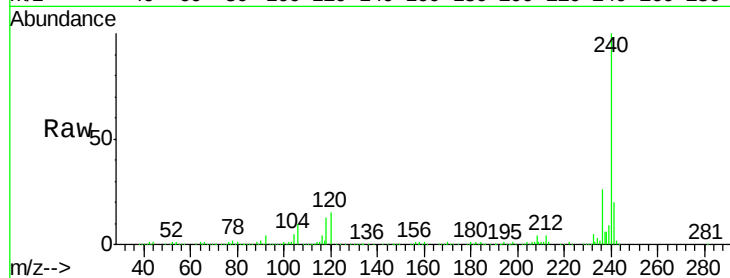
Tot Ion:240 Resp: 520431

Ion Ratio Lower Upper

240 100

120 14.5 12.9 19.3

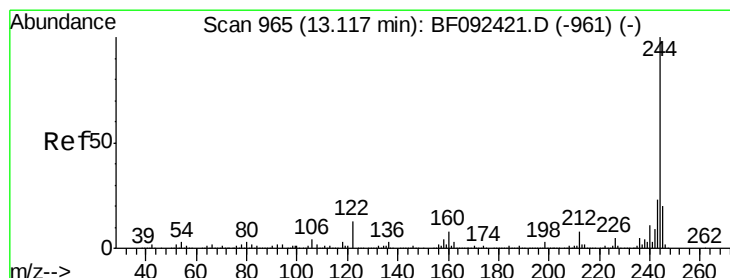
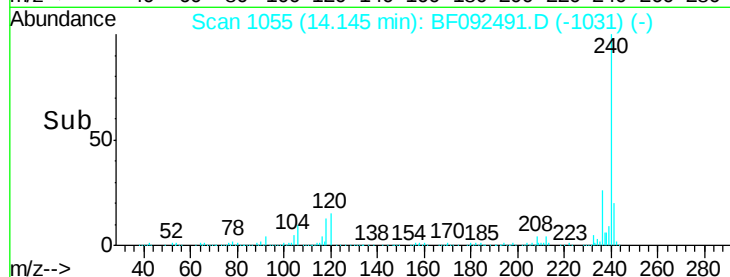
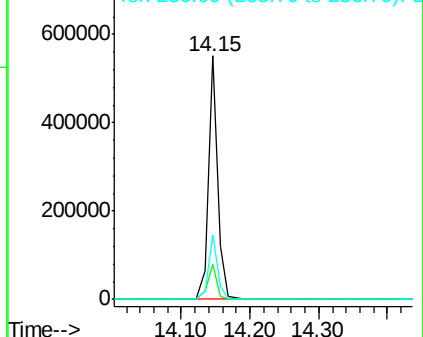
236 26.4 20.9 31.3



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: 83.39 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092491.D

Acq: 25 Jan 2017 21:57

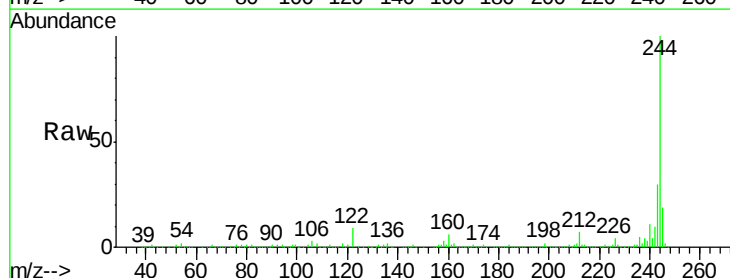
Tgt Ion:244 Resp: 1629786

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

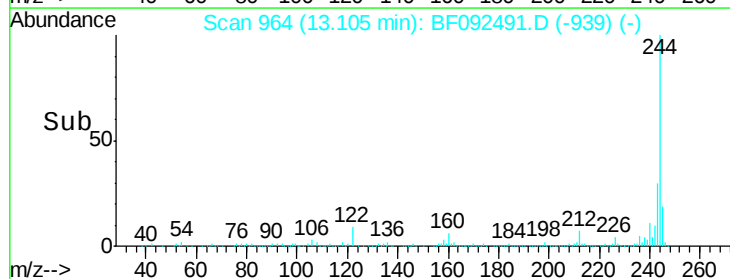
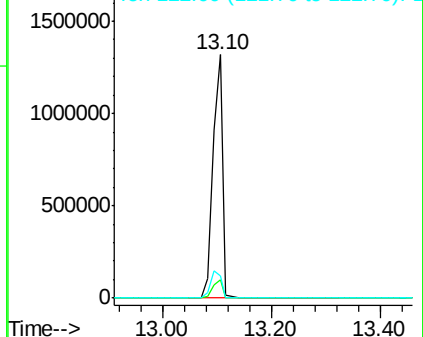
122 9.1 11.4 17.2#

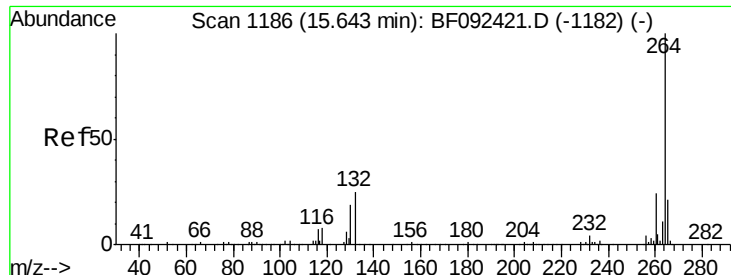


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

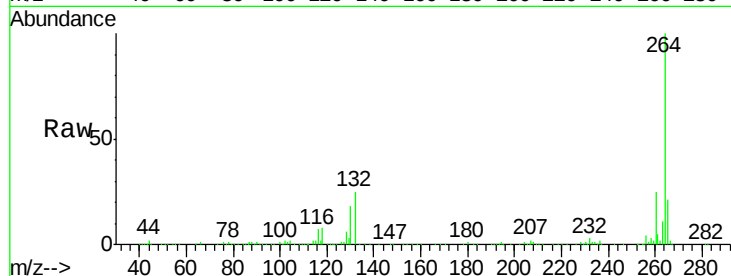




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092491.D
Acq: 25 Jan 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 447074
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

