

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092499.D
 Acq On : 26 Jan 2017 1:37
 Operator : SJ/MA
 Sample : I1351-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 10:00:01 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

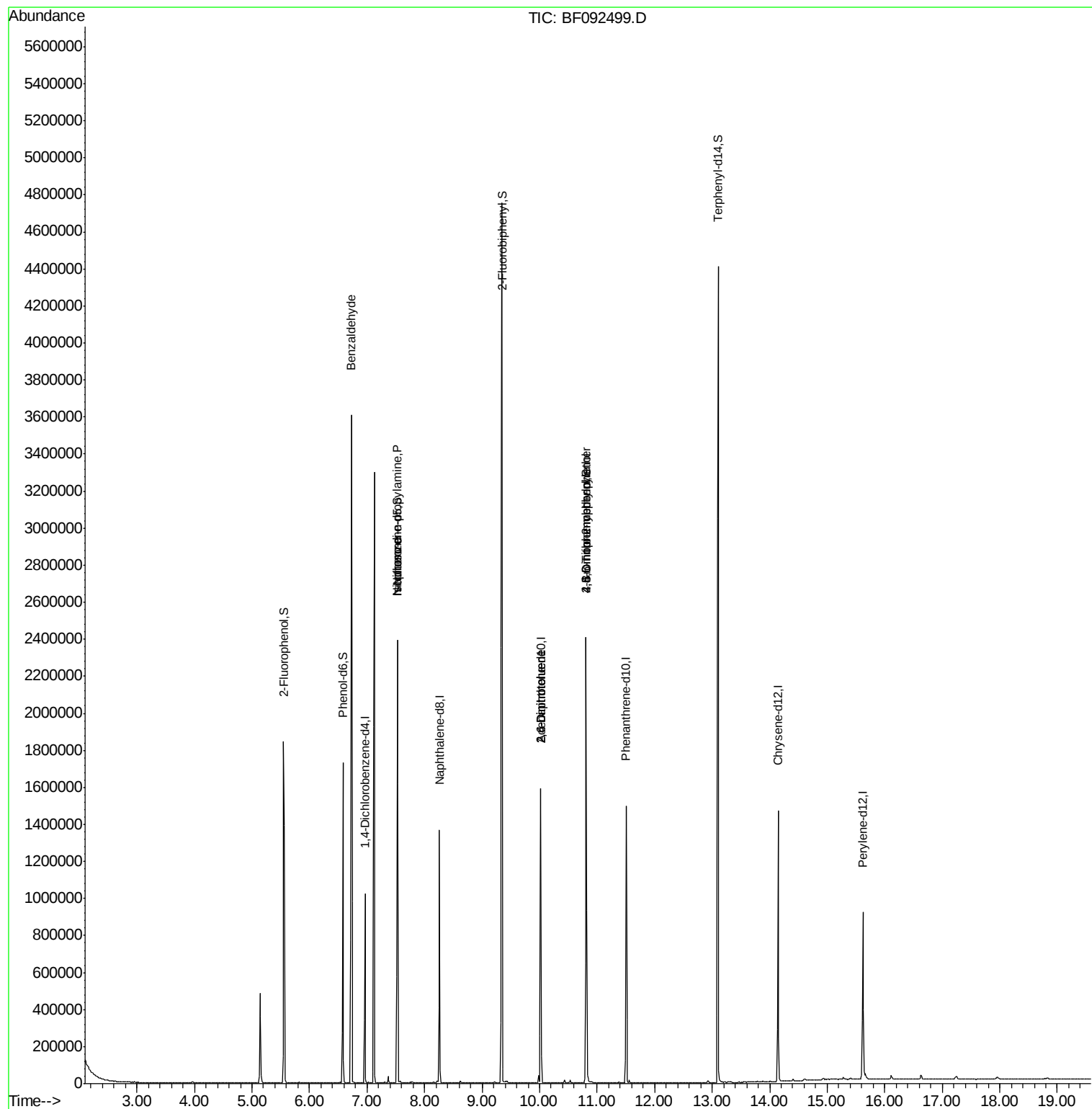
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156454	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	616651	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	324337	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	540031	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	497556	20.00	ng	-0.02
86) Perylene-d12	15.62	264	419644	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	662647	65.90	ng	0.00
7) Phenol-d6	6.58	99	500652	39.09	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1064911	94.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	340749	154.17	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1716159	97.84	ng	-0.01
78) Terphenyl-d14	13.11	244	1752561	93.79	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	22823	2.51	ng	# 74
19) n-Nitroso-di-n-propylamine	7.53	70	139739	16.02	ng	# 83
25) Isophorone	7.53	82	932454	41.92	ng	# 65
50) 2,6-Dinitrotoluene	10.02	165	41279	9.79	ng	# 30
56) 2,4-Dinitrotoluene	10.02	165	41271	7.38	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	569	5.13	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	23441	4.30	ng	# 1

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

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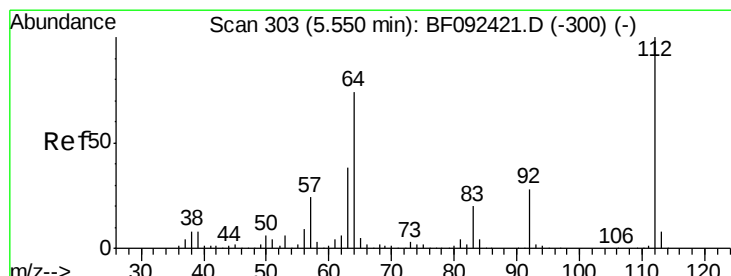
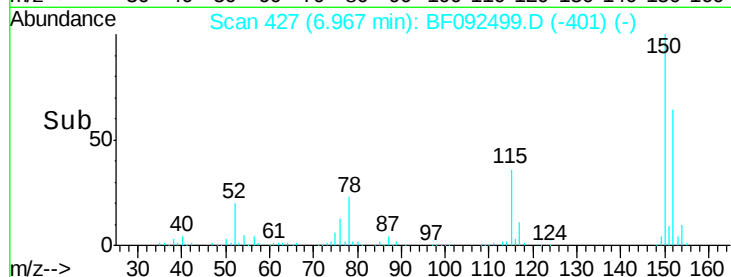
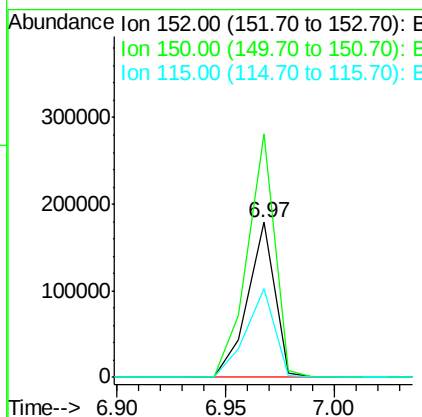
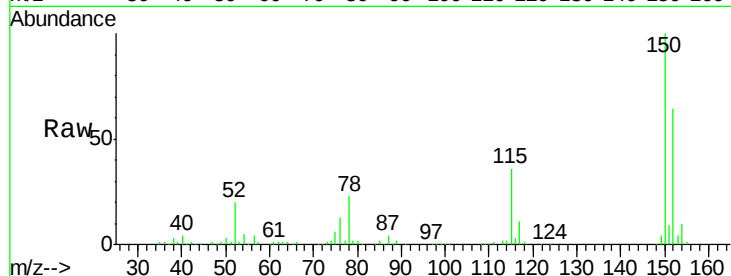




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

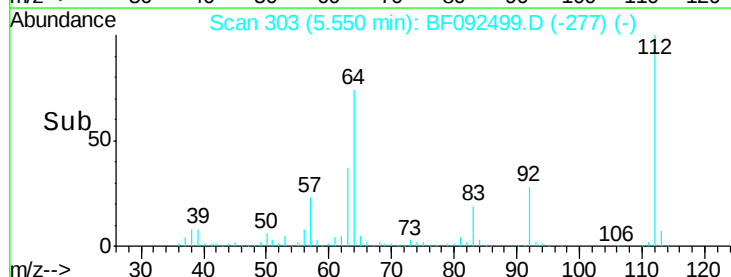
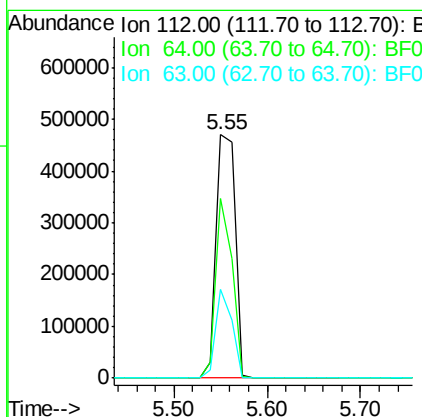
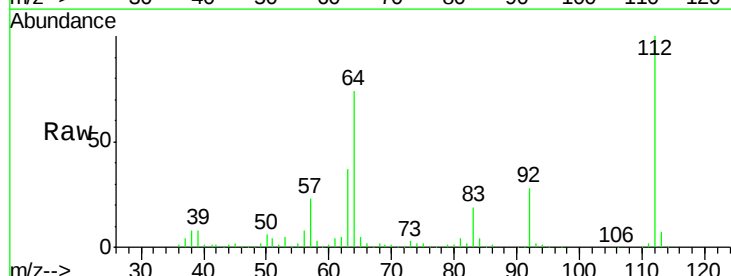
Instrument :
 BNA_F
 ClientSampleId :

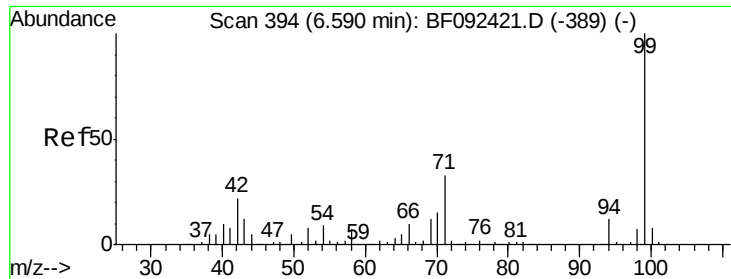
Tot Ion:152 Resp: 156454
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.9 187.3
 115 57.1 46.0 69.0



#5
 2-Fluorophenol
 Concen: 65.90 ng
 RT: 5.55 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

Tgt Ion:112 Resp: 662647
 Ion Ratio Lower Upper
 112 100
 64 73.5 46.1 69.1#
 63 36.6 23.8 35.6#





#7

Phenol-d6

Concen: 39.09 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092499.D

Acq: 26 Jan 2017 1:37

Instrument :

BNA_F

ClientSampleId :

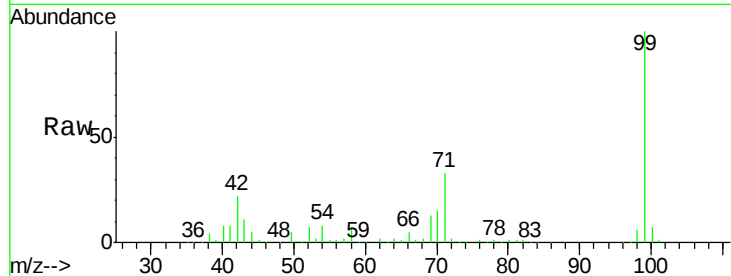
Tot Ion: 99 Resp: 500652

Ion Ratio Lower Upper

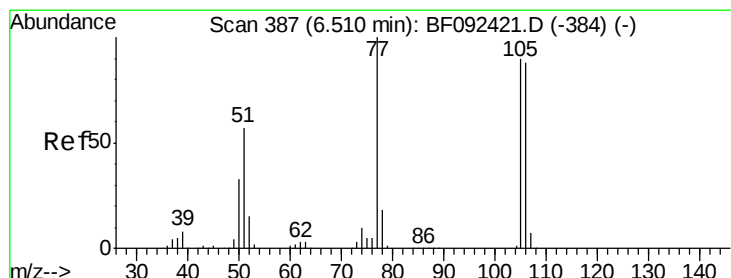
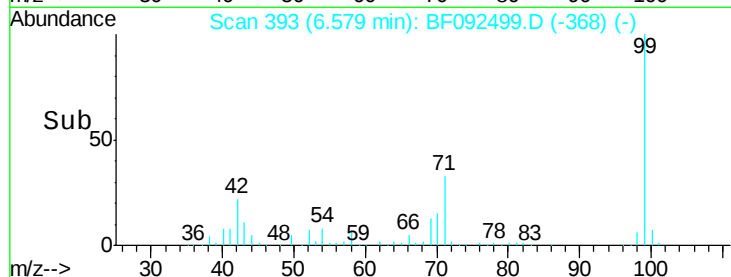
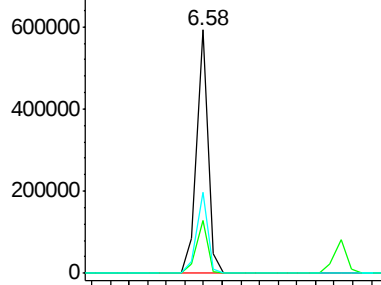
99 100

42 21.8 15.6 23.4

71 33.3 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: 2.51 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.22 min

Lab File: BF092499.D

Acq: 26 Jan 2017 1:37

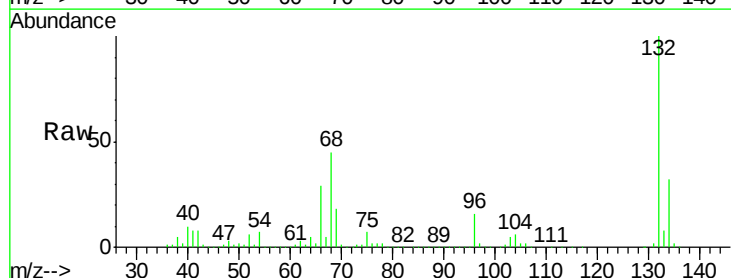
Tgt Ion: 77 Resp: 22823

Ion Ratio Lower Upper

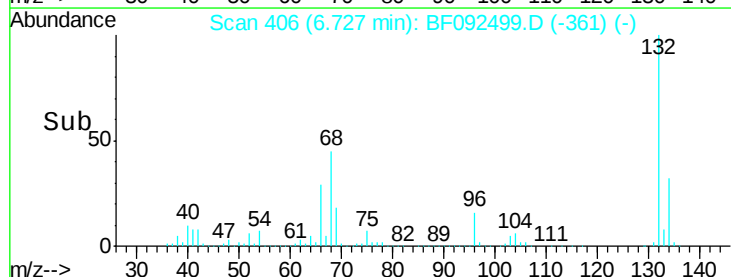
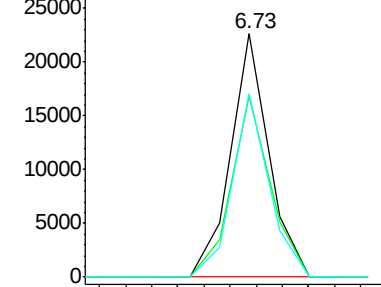
77 100

105 74.4 83.9 123.9#

106 75.6 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

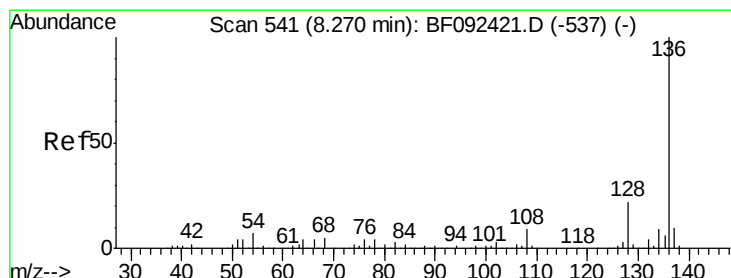
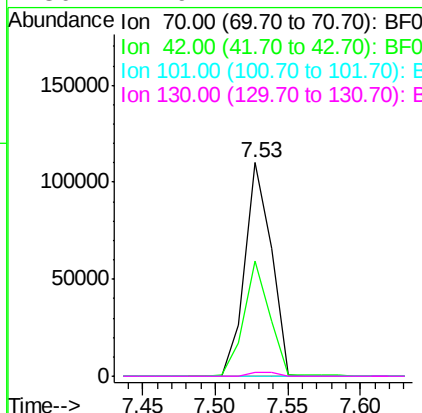
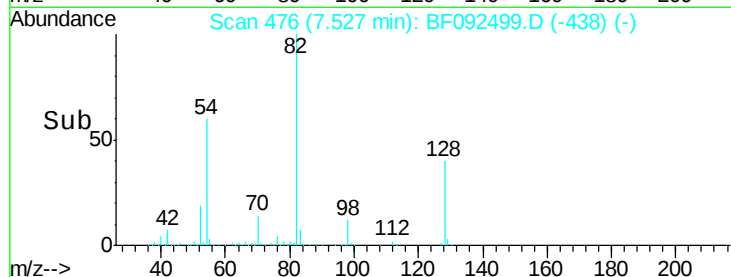
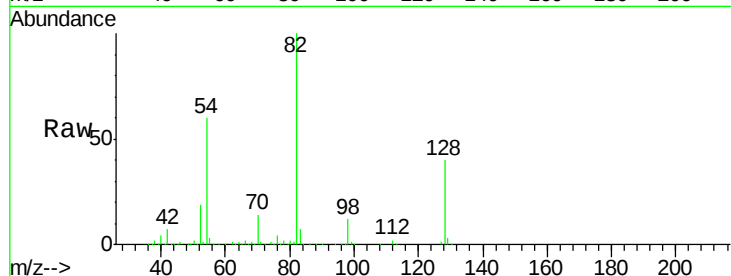




#19
n-Nitroso-di-n-propylamine
Concen: 16.02 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092499.D
Acq: 26 Jan 2017 1:37

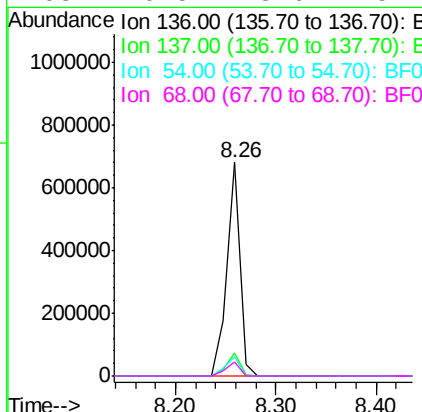
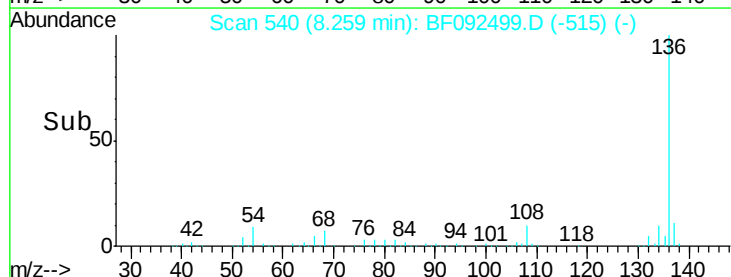
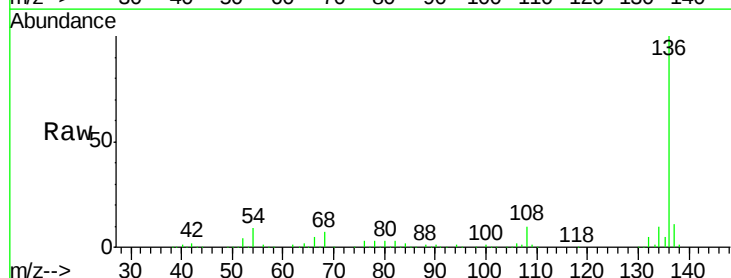
Instrument :
BNA_F
ClientSampleId :

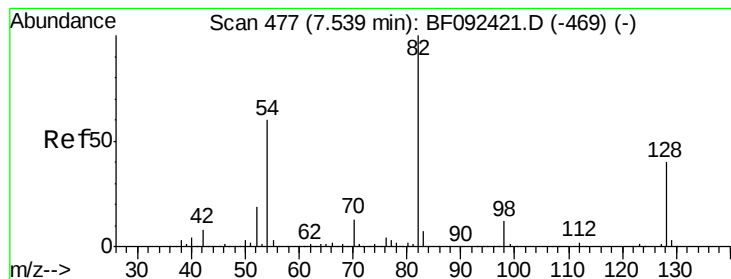
Tot Ion: 70 Resp: 139739
Ion Ratio Lower Upper
70 100
42 54.2 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092499.D
Acq: 26 Jan 2017 1:37

Tgt Ion:136 Resp: 616651
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.2 4.5 6.7#
68 6.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 94.33 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092499.D

Acq: 26 Jan 2017 1:37

Instrument :

BNA_F

ClientSampleId :

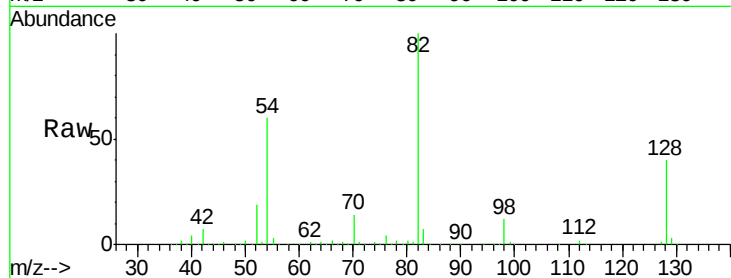
Tot Ion: 82 Resp: 1064911

Ion Ratio Lower Upper

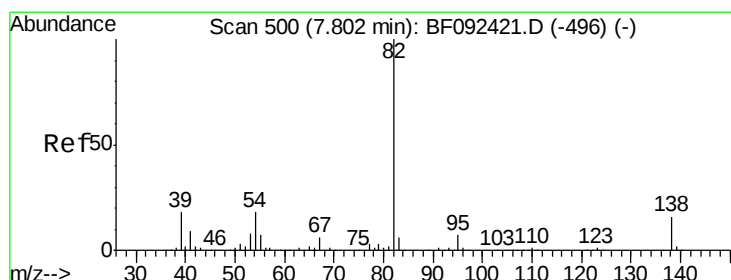
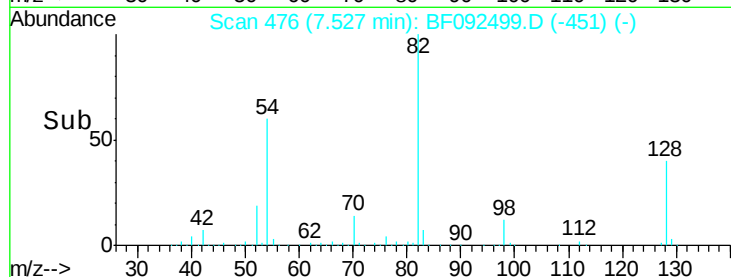
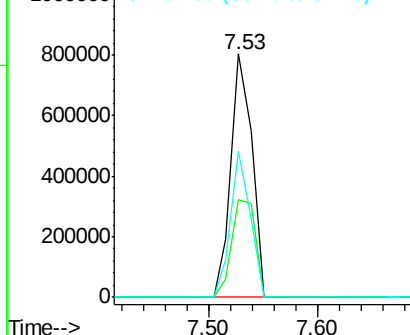
82 100

128 40.0 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): BF0
Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 41.92 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092499.D

Acq: 26 Jan 2017 1:37

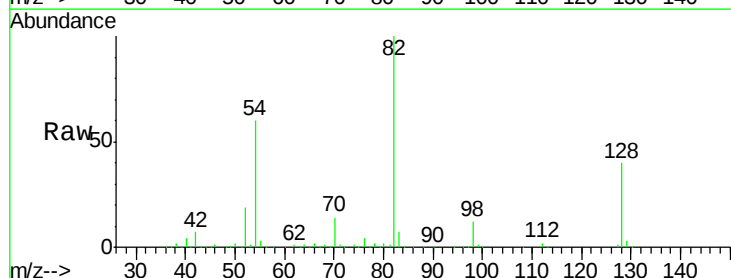
Tgt Ion: 82 Resp: 932454

Ion Ratio Lower Upper

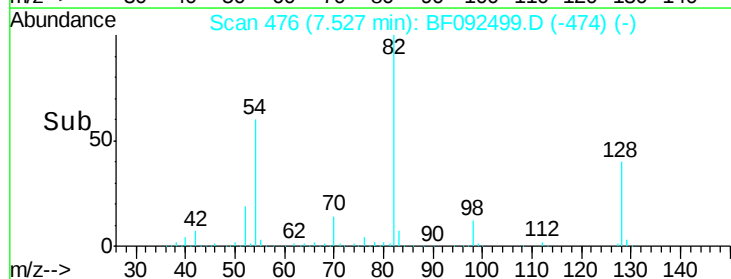
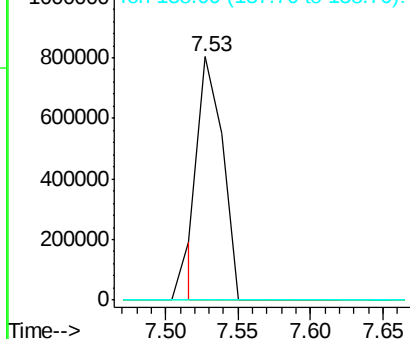
82 100

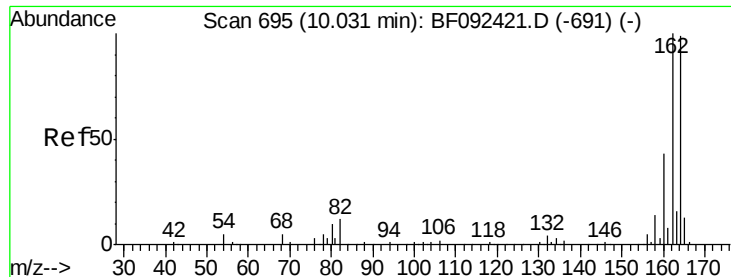
95 0.0 5.6 8.4#

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

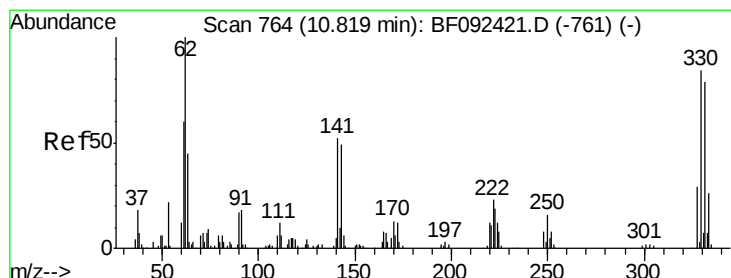
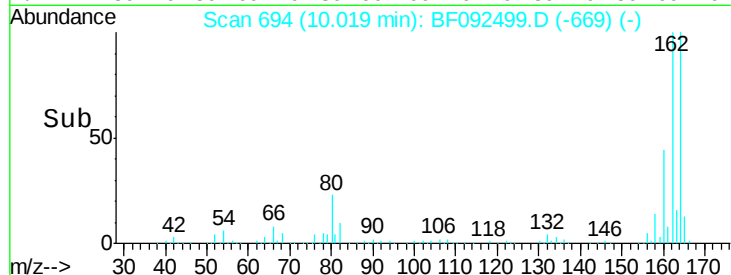
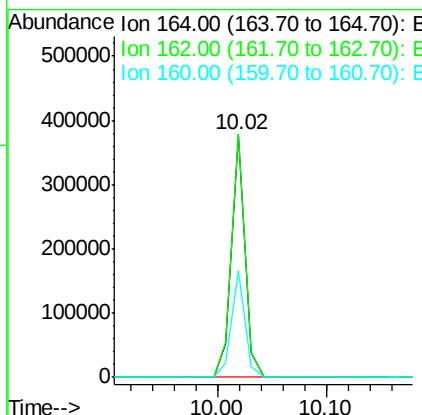
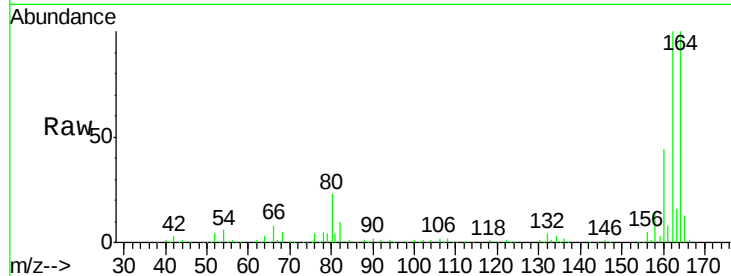




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

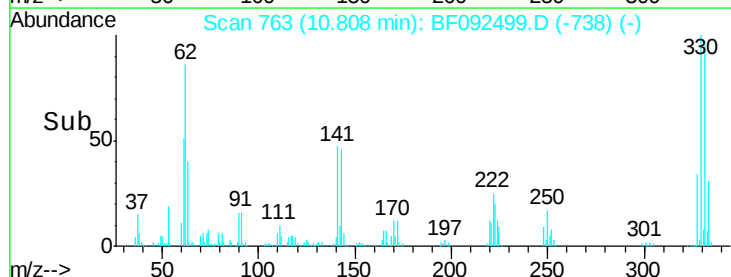
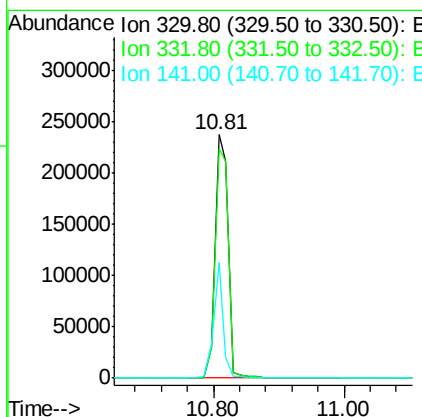
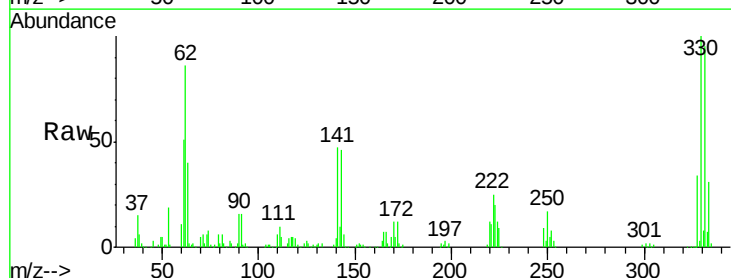
Instrument :
 BNA_F
 ClientSampled :

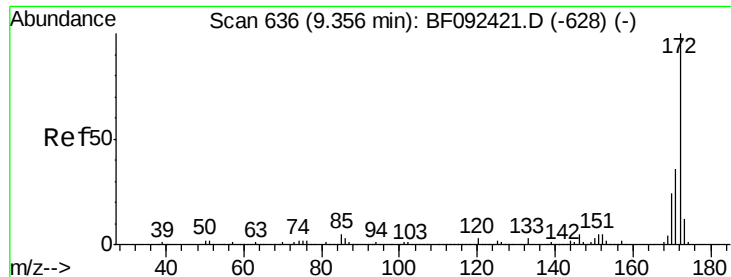
Tot Ion:164 Resp: 324337
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.2 120.2
 160 43.9 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 154.17 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

Tgt Ion:330 Resp: 340749
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 34.6 34.1 51.1



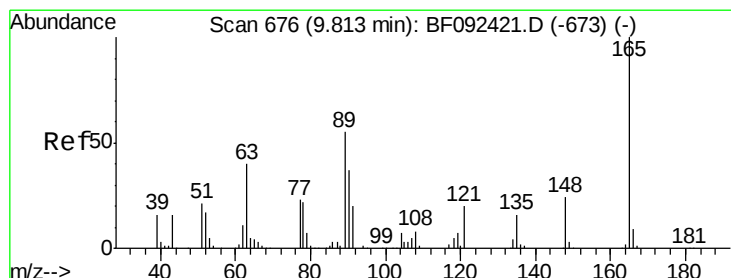
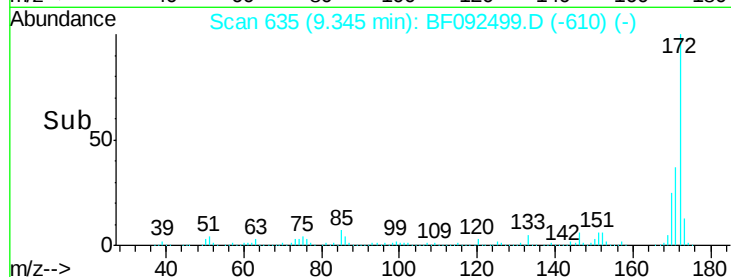
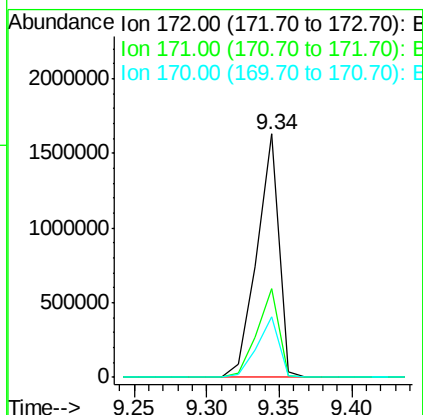
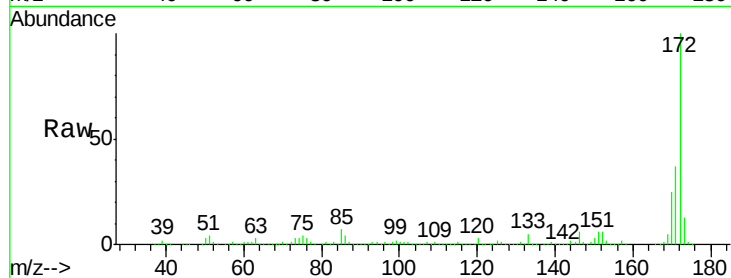


#44
 2-Fluorobiphenyl
 Concen: 97.84 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1716159

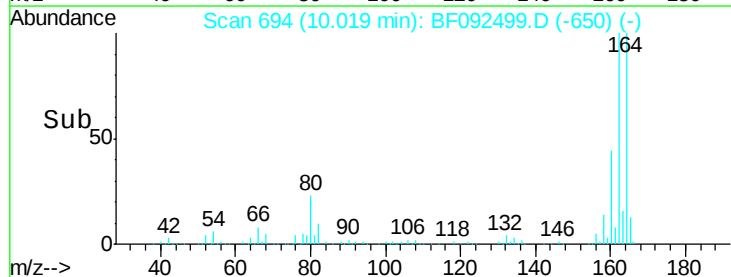
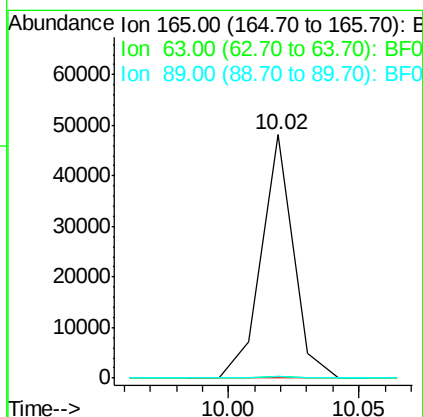
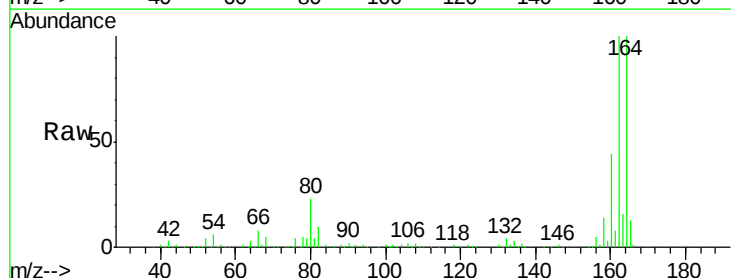
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.8	20.2	30.4

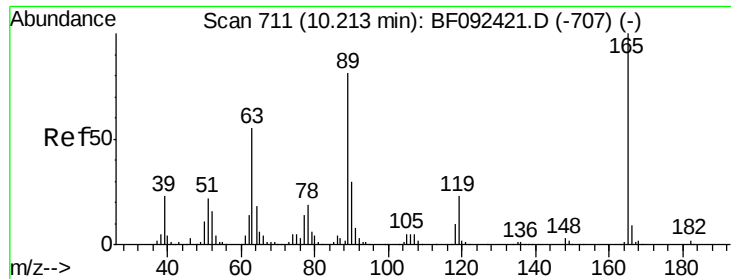


#50
 2,6-Dinitrotoluene
 Concen: 9.79 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.21 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

Tgt Ion:165 Resp: 41279

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

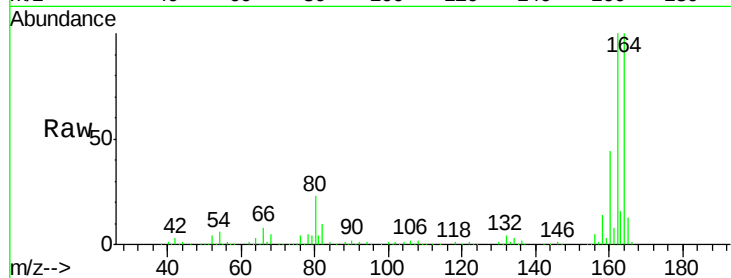




#56
 2,4-Dinitrotoluene
 Concen: 7.38 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.19 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

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

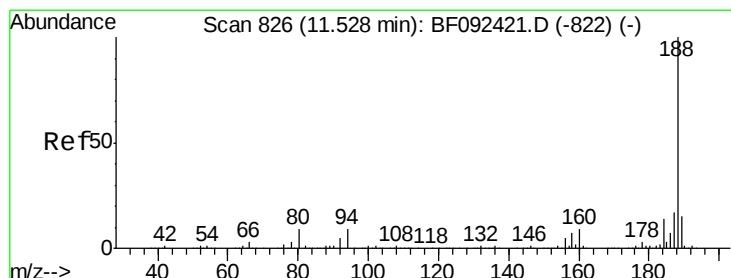
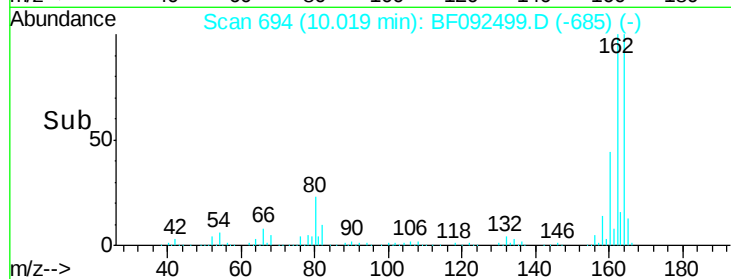
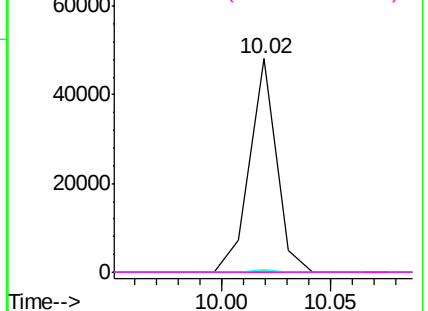


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

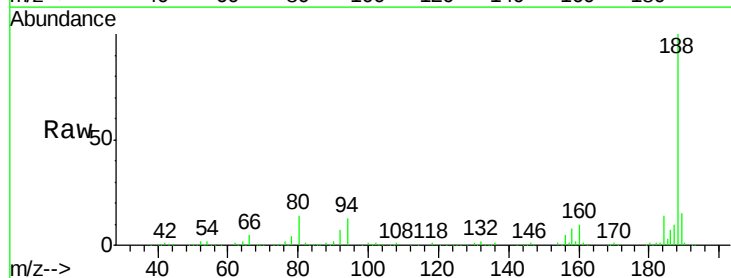
Ion 89.00 (88.70 to 89.70): BF0

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: BF092499.D
 Acq: 26 Jan 2017 1:37

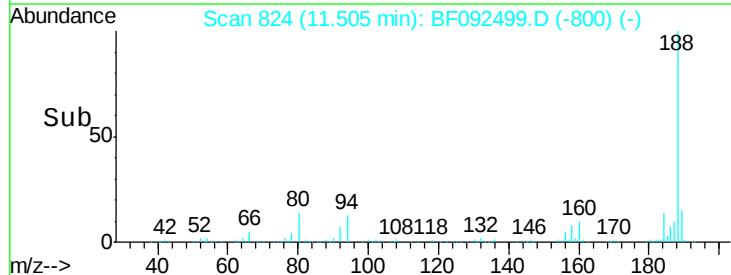
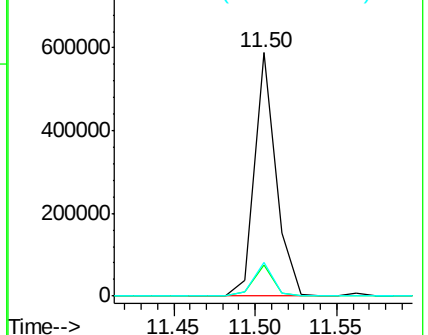
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.0	15.0
80	13.9	11.2	16.8

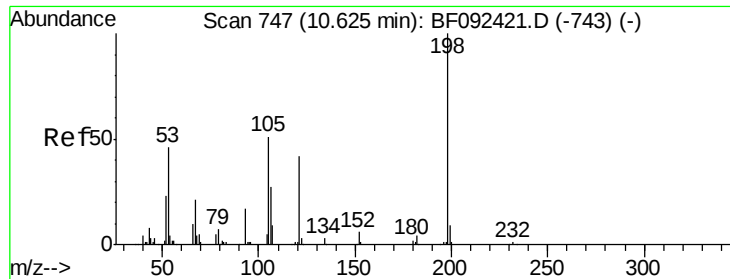


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

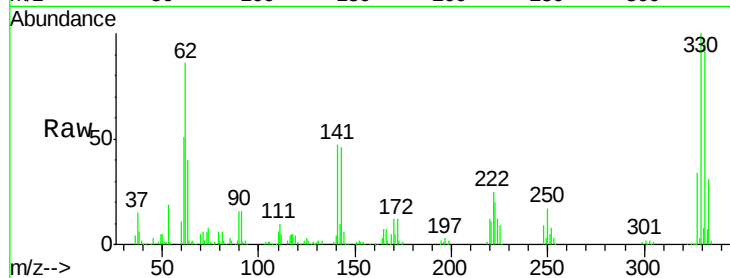




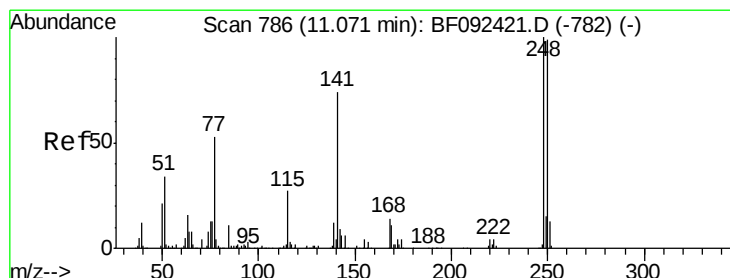
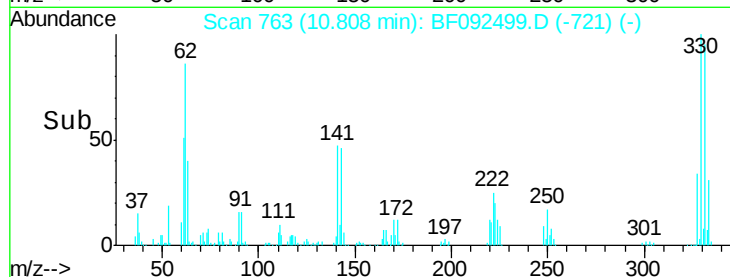
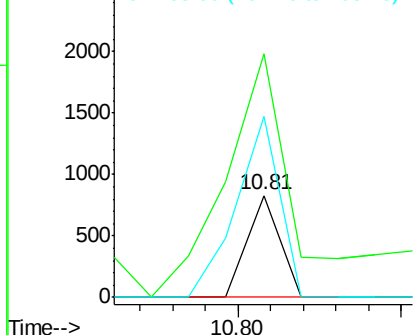
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.13 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.18 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 569
 Ion Ratio Lower Upper
 198 100
 51 239.1 6.7 46.7#
 105 177.6 16.6 56.6#

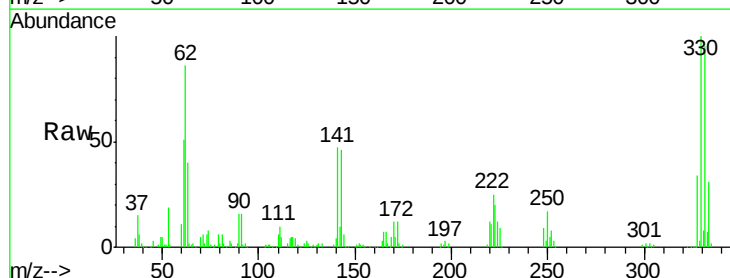


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

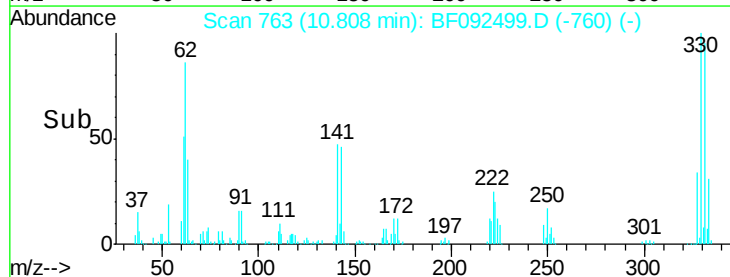
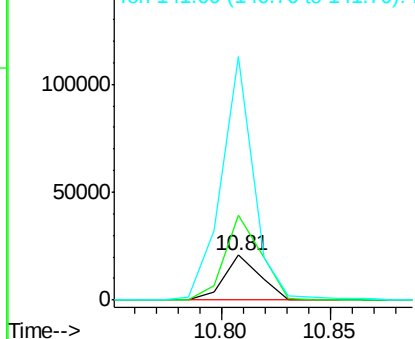


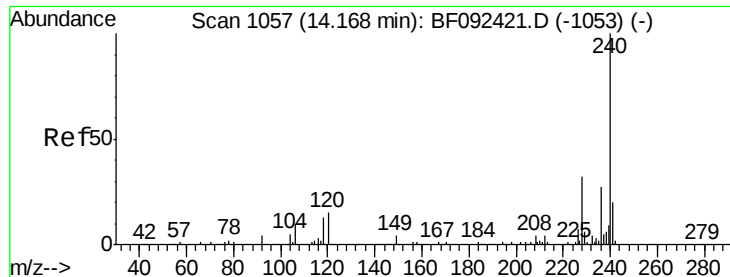
#66
 4-Bromophenyl-phenylether
 Concen: 4.30 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.26 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

Tgt Ion:248 Resp: 23441
 Ion Ratio Lower Upper
 248 100
 250 190.4 76.9 115.3#
 141 546.2 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: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092499.D

Acq: 26 Jan 2017 1:37

Instrument :

BNA_F

ClientSampleId :

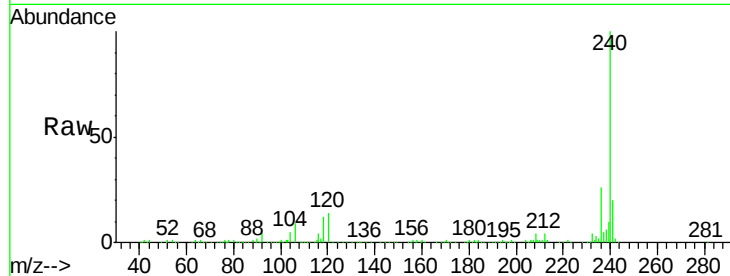
Tot Ion:240 Resp: 497556

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

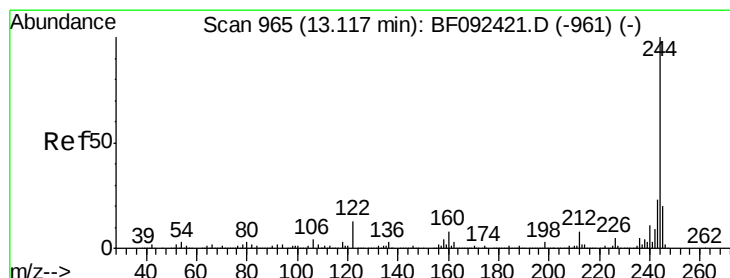
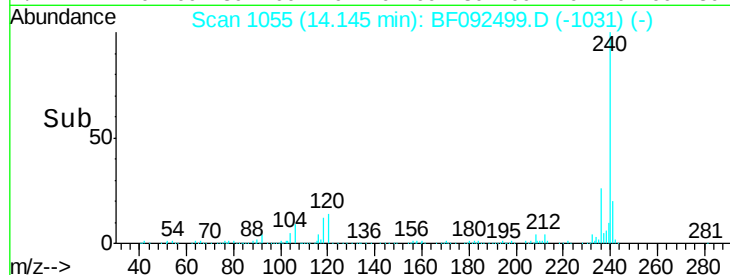
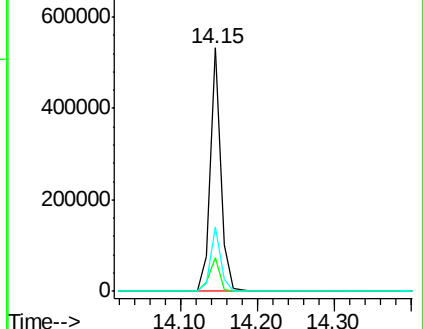
236 26.2 20.9 31.3



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: 93.79 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092499.D

Acq: 26 Jan 2017 1:37

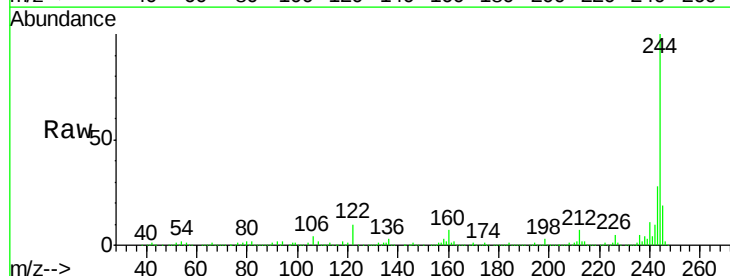
Tgt Ion:244 Resp: 1752561

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

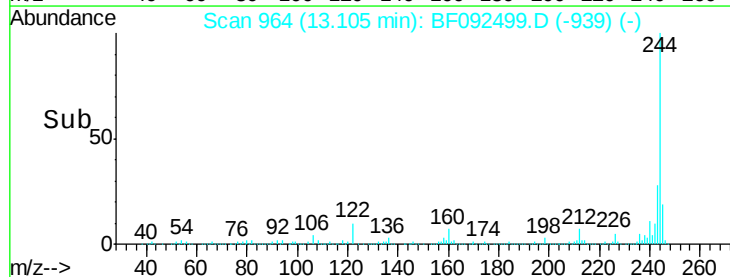
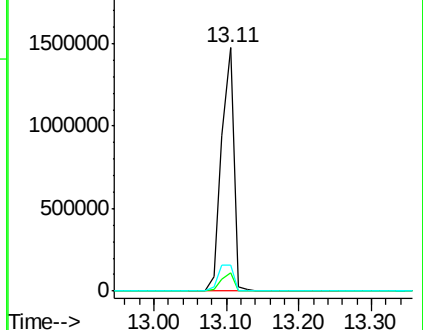
122 10.5 11.4 17.2#

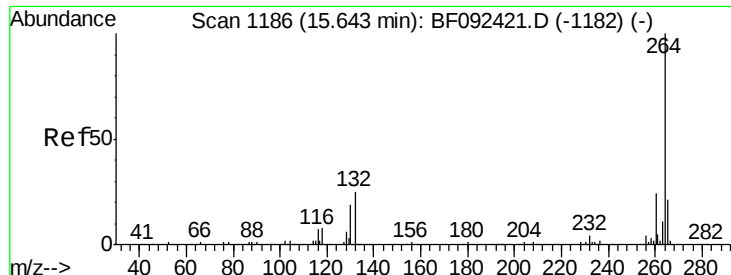


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

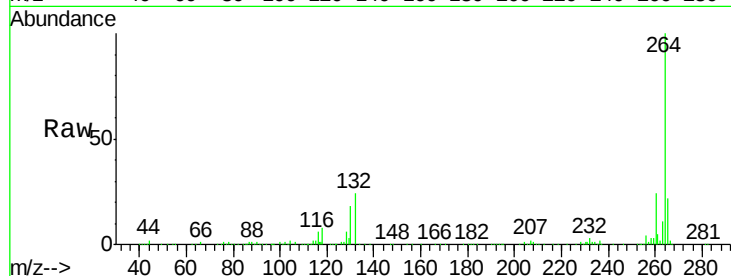




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF092499.D
 Acq: 26 Jan 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 419644
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.7 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

