

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092502.D
 Acq On : 26 Jan 2017 3:00
 Operator : SJ/MA
 Sample : I1309-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 10:00:48 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

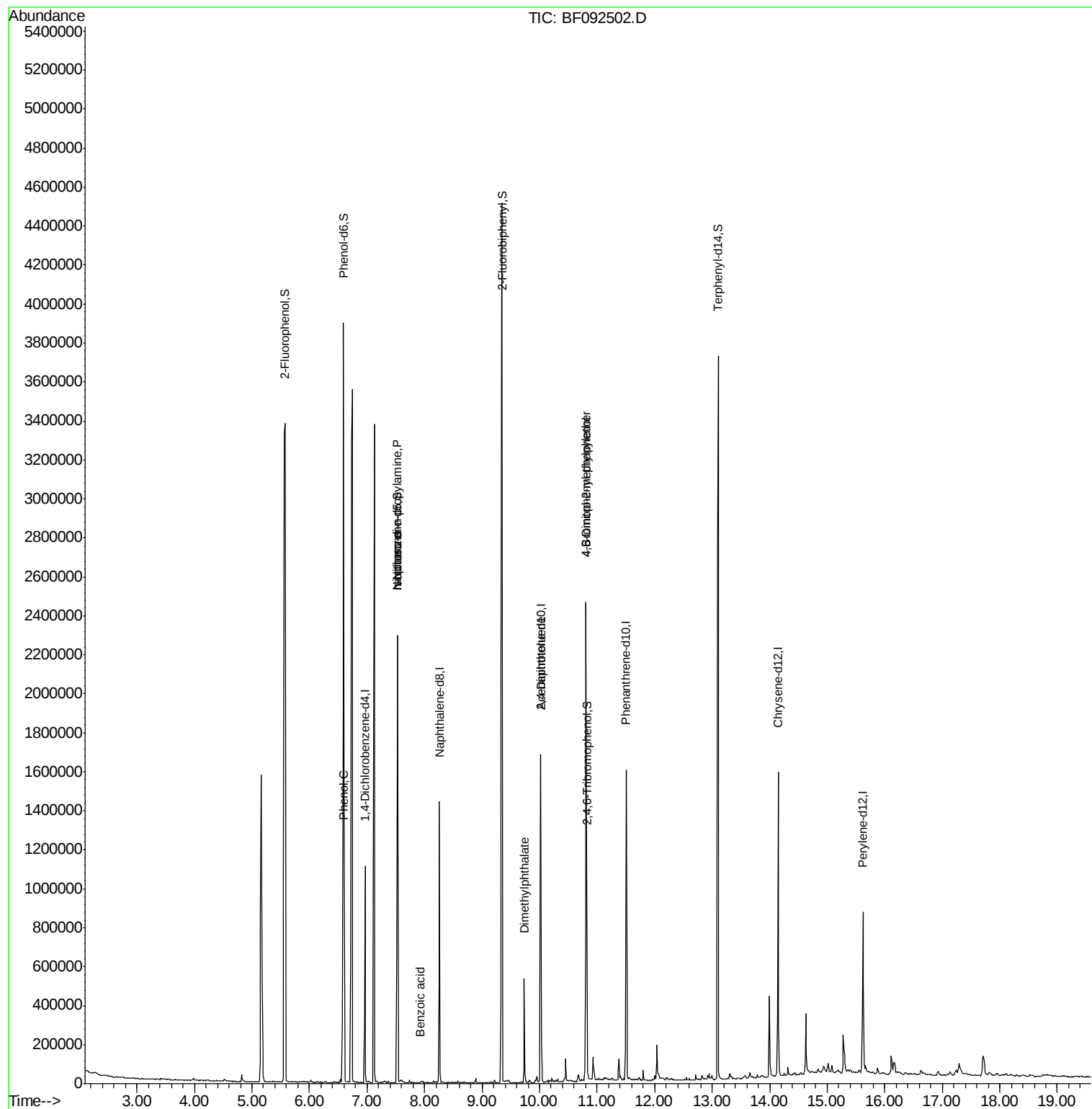
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	163578	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	666799	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	347284	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	569735	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	516158	20.00	ng	-0.02
86) Perylene-d12	15.62	264	406363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1500246	142.69	ng	0.02
7) Phenol-d6	6.59	99	1622304	121.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	1139944	93.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	374937	158.43	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1623819	86.46	ng	-0.01
78) Terphenyl-d14	13.11	244	1559611	80.46	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	109931	6.80	ng	Qvalue 79
19) n-Nitroso-di-n-propylamine	7.53	70	148166	16.25	ng	# 85
25) Isophorone	7.53	82	994579	41.35	ng	# 65
32) Benzoic acid	7.93	122	921	4.79	ng	# 74
49) Dimethylphthalate	9.73	163	197379	8.94	ng	99
56) 2,4-Dinitrotoluene	10.02	165	43924	7.33	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	813	5.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	25808	4.49	ng	# 1

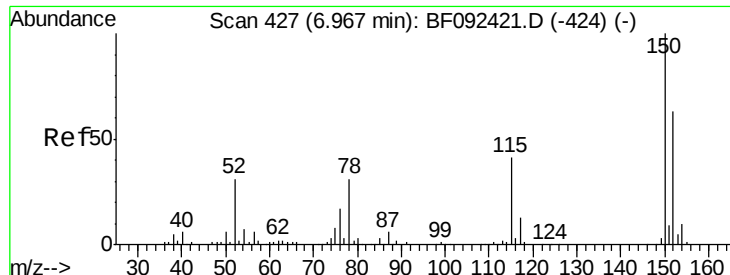
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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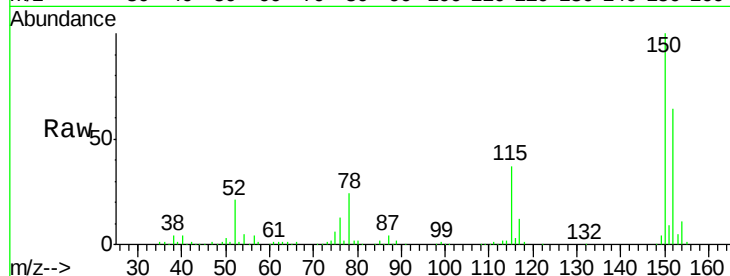


#1

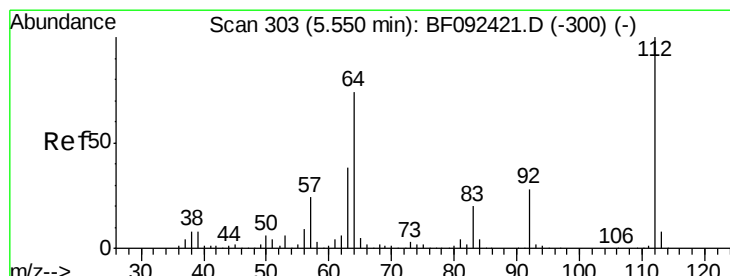
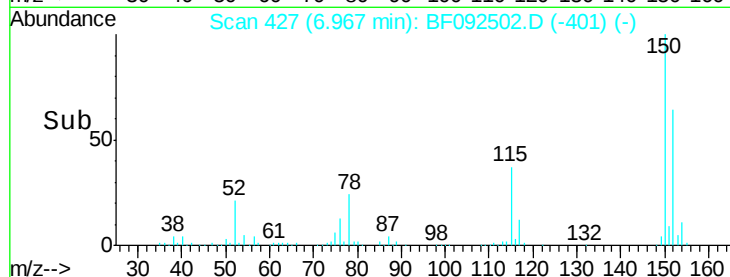
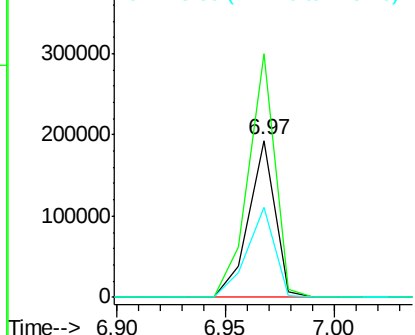
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163578
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 57.3 46.0 69.0



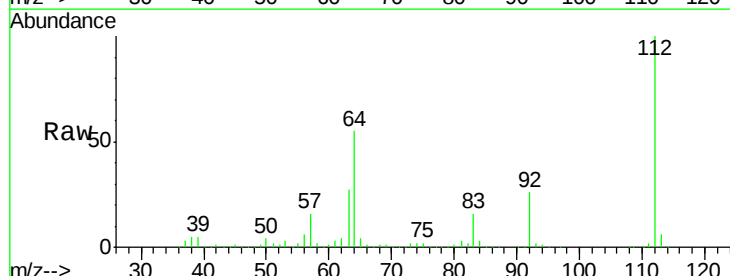
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



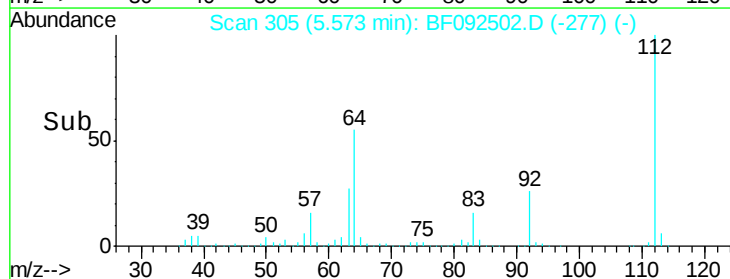
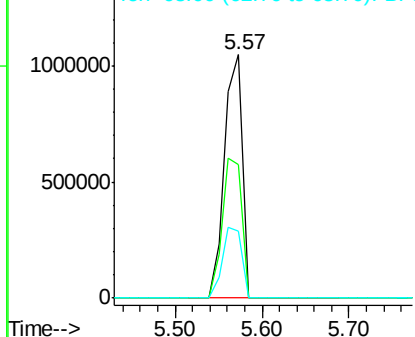
#5

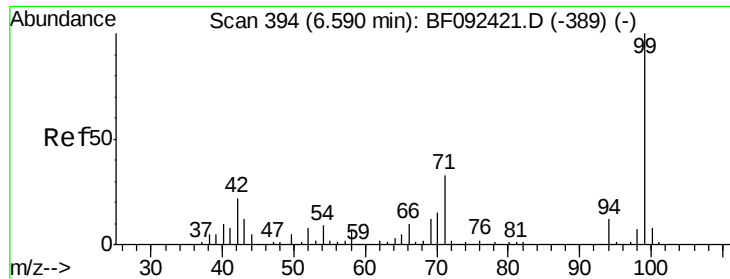
2-Fluorophenol
Concen: 142.69 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Tgt Ion:112 Resp: 1500246
Ion Ratio Lower Upper
112 100
64 54.7 46.1 69.1
63 27.4 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: 121.14 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092502.D

Acq: 26 Jan 2017 3:00

Instrument :

BNA_F

ClientSampleId :

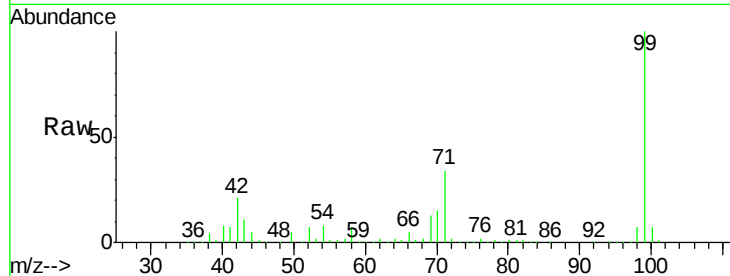
Tot Ion: 99 Resp: 1622304

Ion Ratio Lower Upper

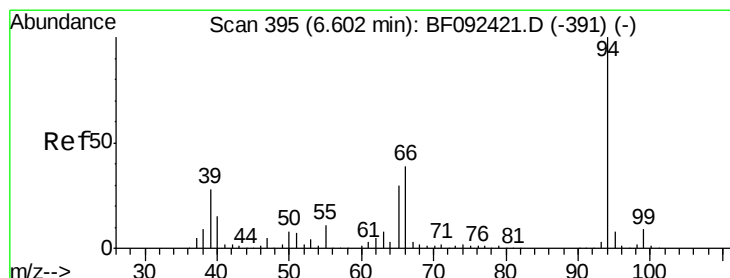
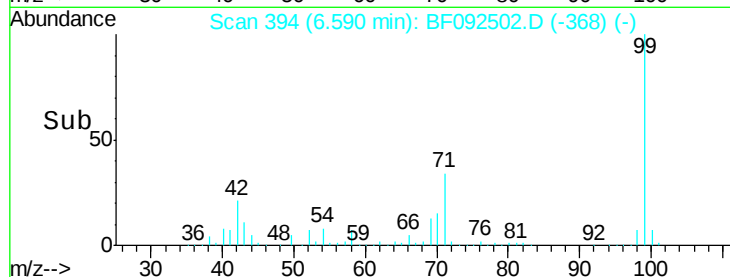
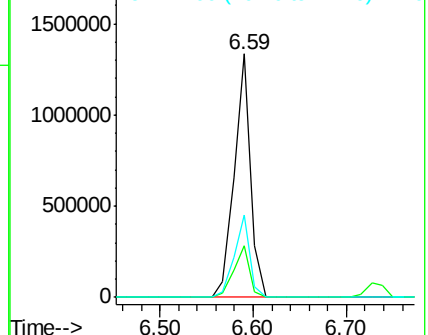
99 100

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



#10

Phenol

Concen: 6.80 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092502.D

Acq: 26 Jan 2017 3:00

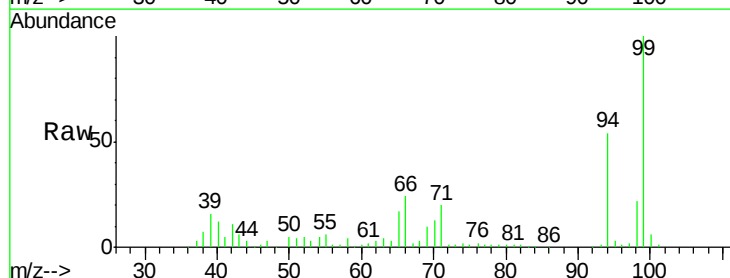
Tgt Ion: 94 Resp: 109931

Ion Ratio Lower Upper

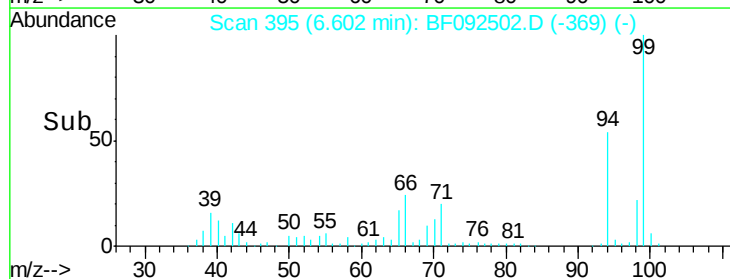
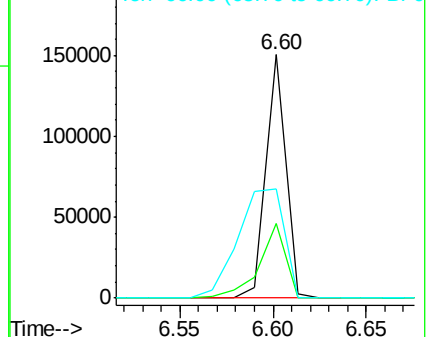
94 100

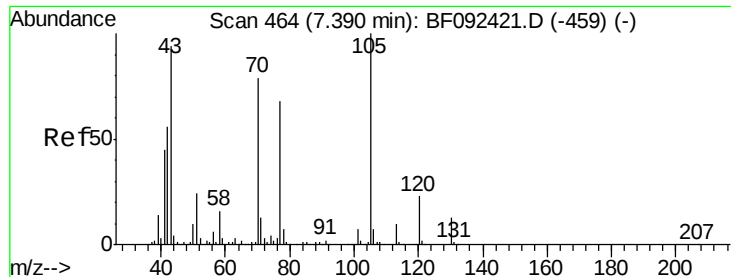
65 30.9 21.4 61.4

66 44.9 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

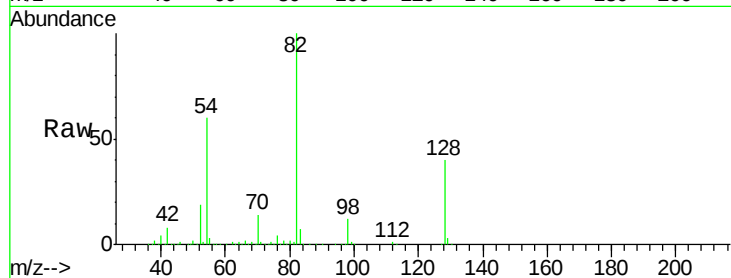




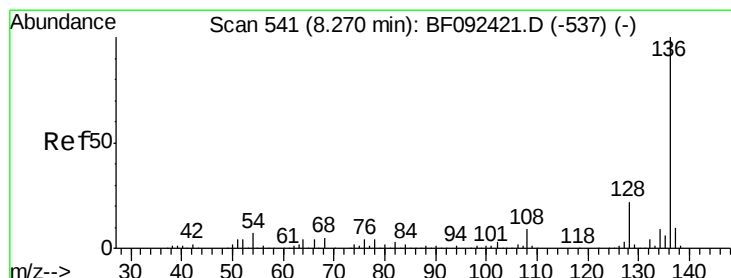
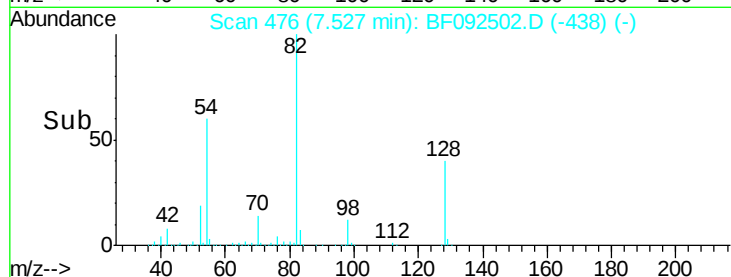
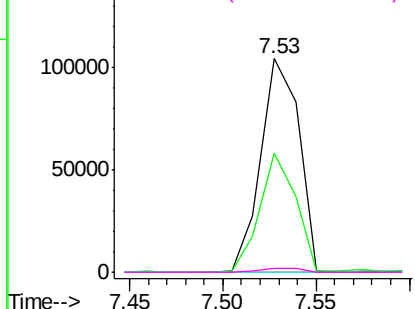
#19
n-Nitroso-di-n-propylamine
Concen: 16.25 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 148166
Ion Ratio Lower Upper
70 100
42 55.5 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

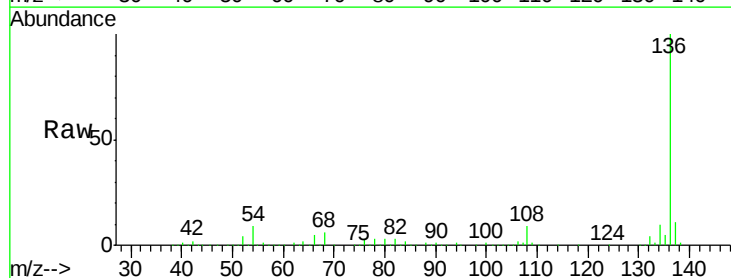


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

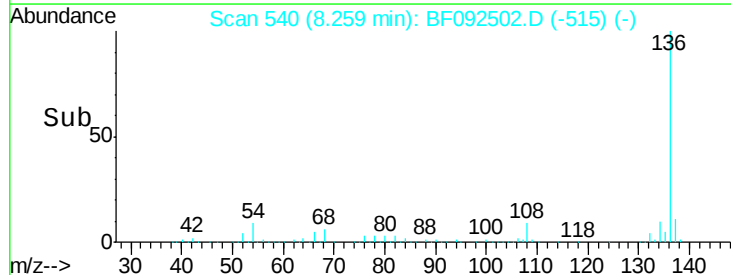
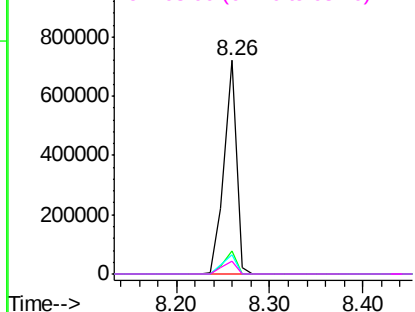


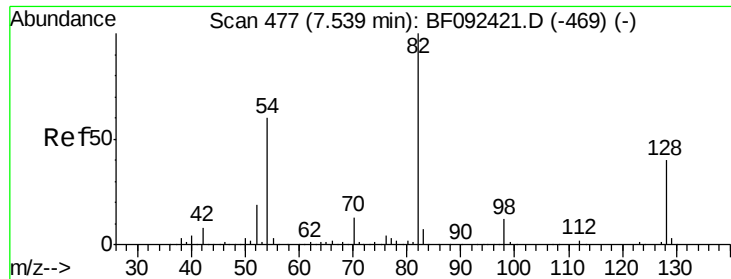
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Tgt Ion:136 Resp: 666799
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.0 4.5 6.7#
68 6.3 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

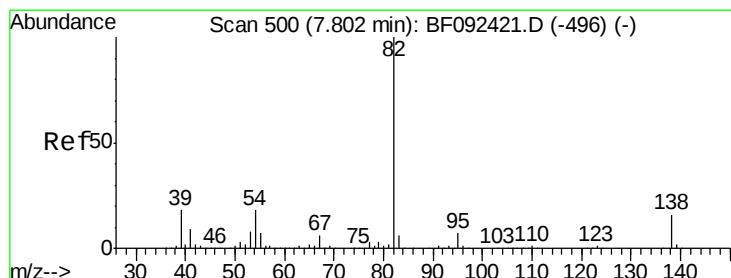
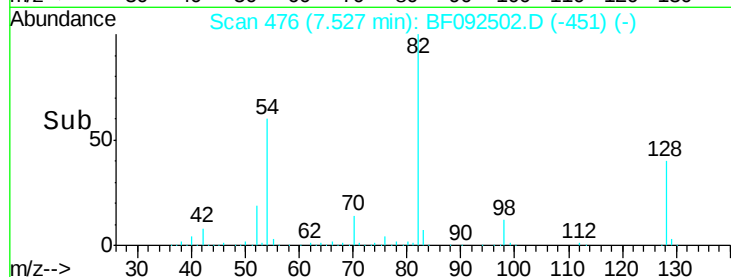
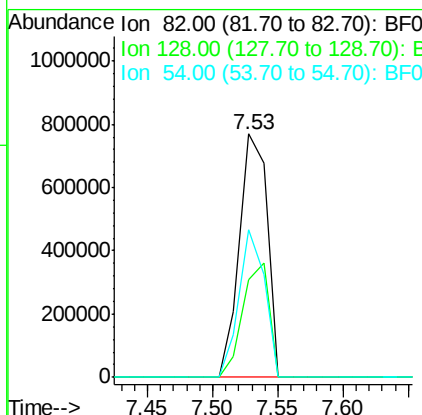
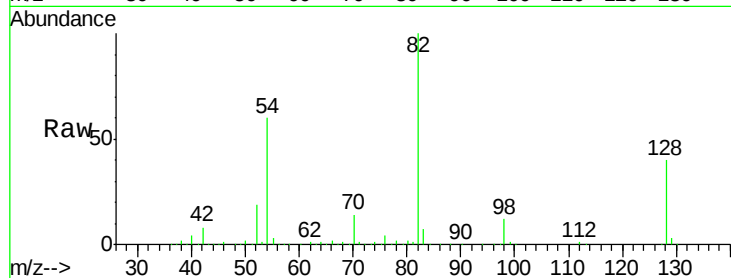




#23
Nitrobenzene-d5
Concen: 93.39 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

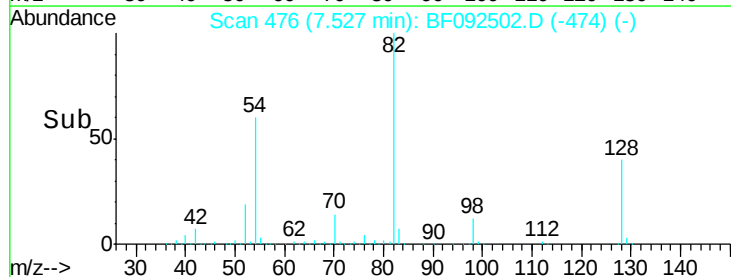
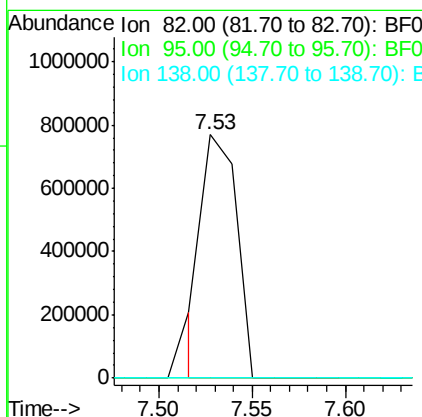
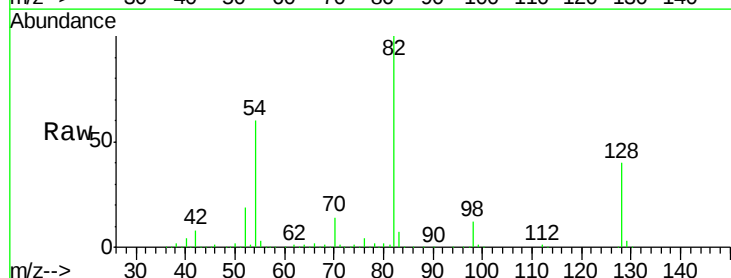
Instrument :
BNA_F
ClientSampleId :

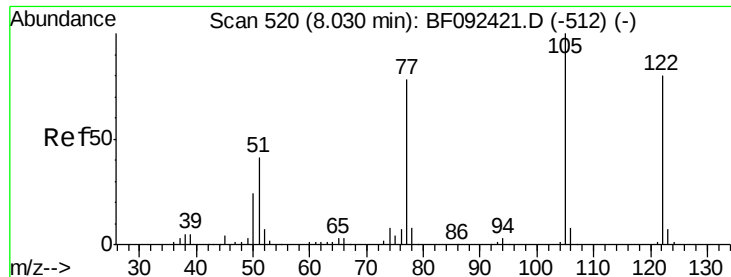
Tot Ion: 82 Resp: 1139944
Ion Ratio Lower Upper
82 100
128 40.1 34.6 52.0
54 60.4 39.5 59.3#



#25
Isophorone
Concen: 41.35 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Tgt Ion: 82 Resp: 994579
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

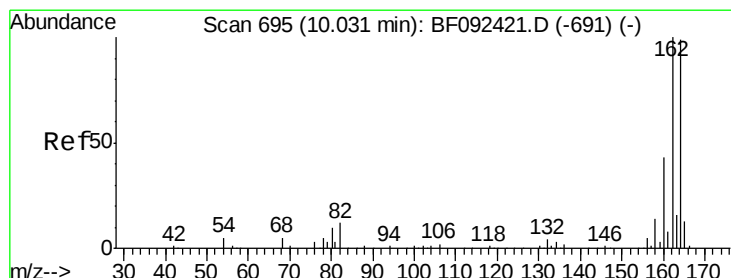
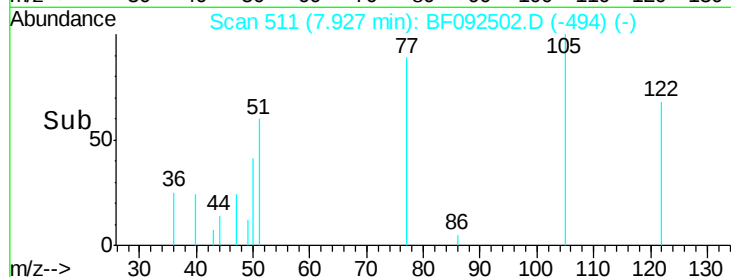
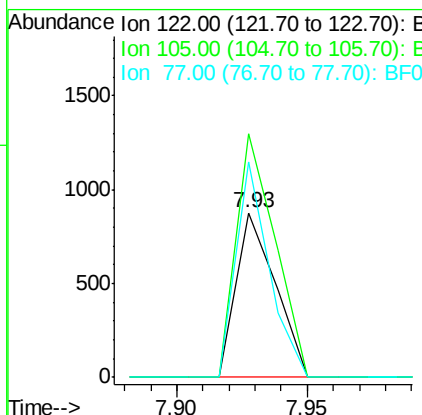
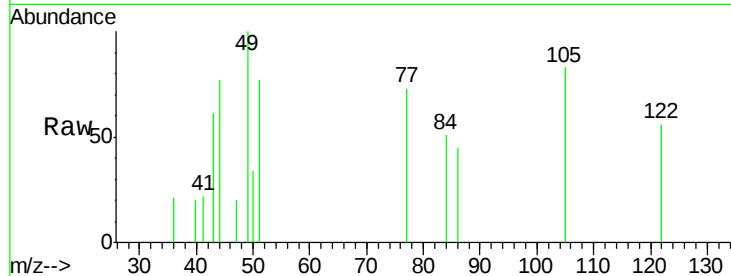




#32
Benzoic acid
Concen: 4.79 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.10 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

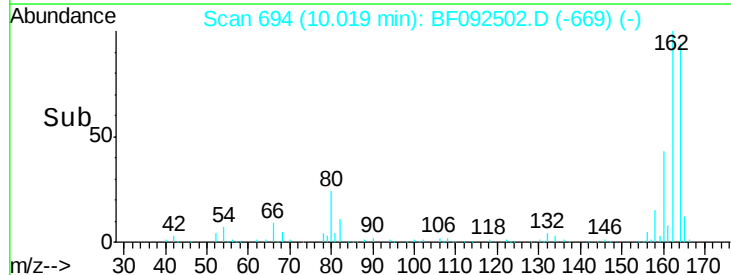
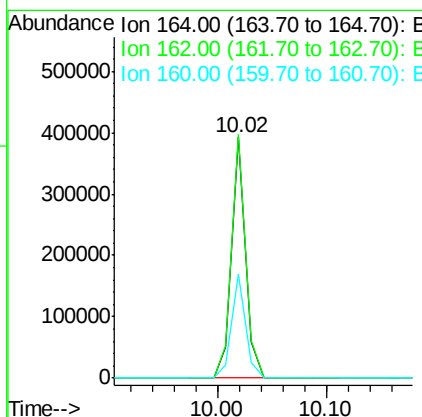
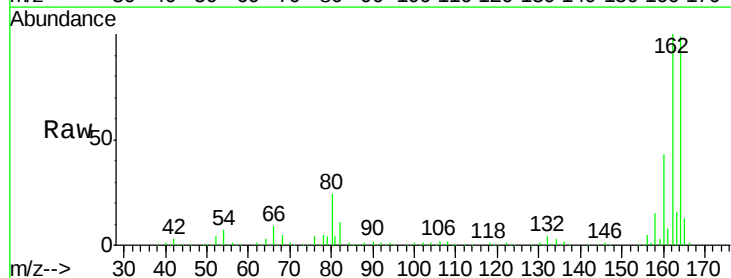
Instrument :
BNA_F
ClientSampleId :

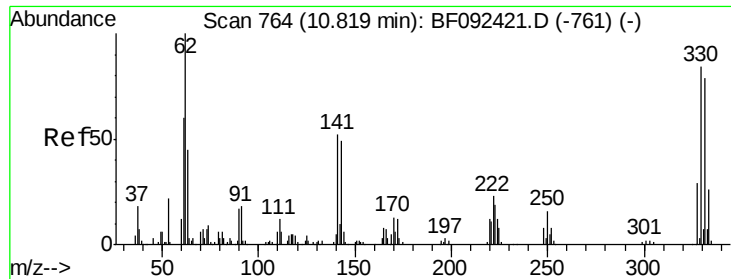
Tot Ion:122 Resp: 921
Ion Ratio Lower Upper
122 100
105 148.0 107.2 147.2#
77 131.0 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Tgt Ion:164 Resp: 347284
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 43.3 36.9 55.3

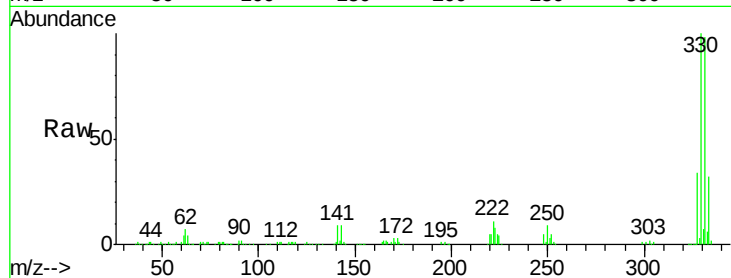




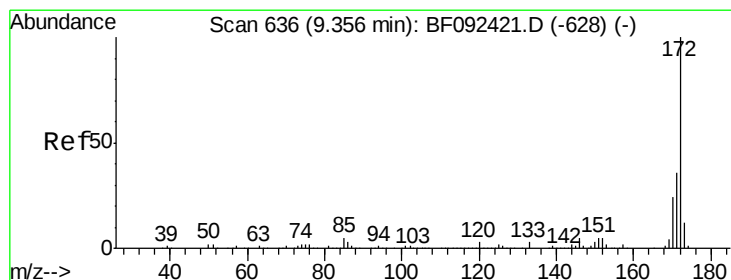
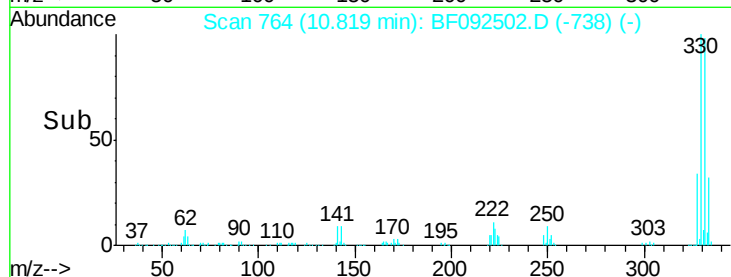
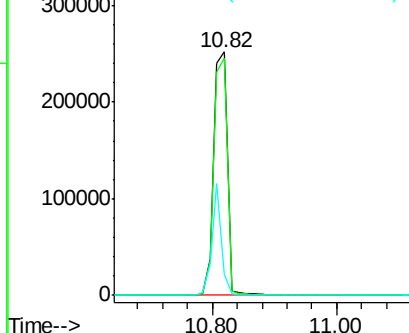
#41
 2,4,6-Tribromophenol
 Concen: 158.43 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092502.D
 Acq: 26 Jan 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 374937
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 32.5 34.1 51.1#

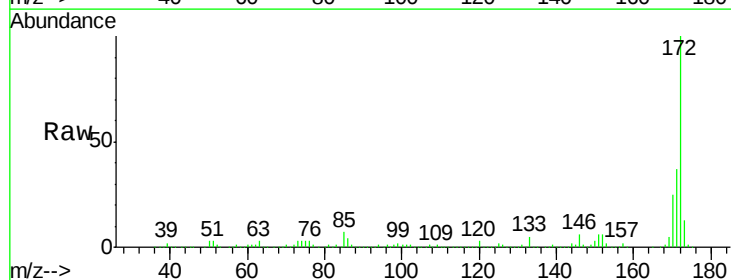


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

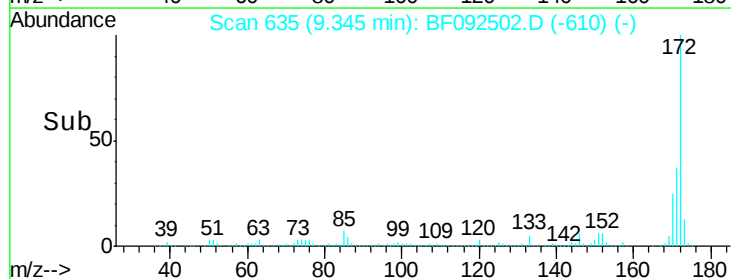
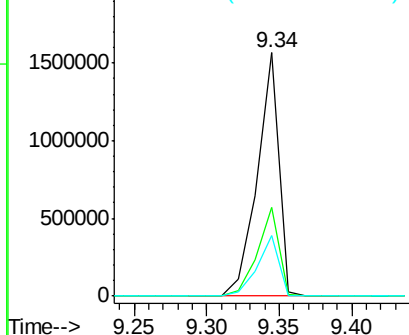


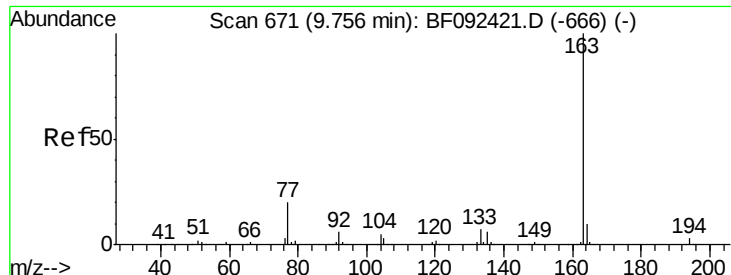
#44
 2-Fluorobiphenyl
 Concen: 86.46 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092502.D
 Acq: 26 Jan 2017 3:00

Tgt Ion:172 Resp: 1623819
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 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

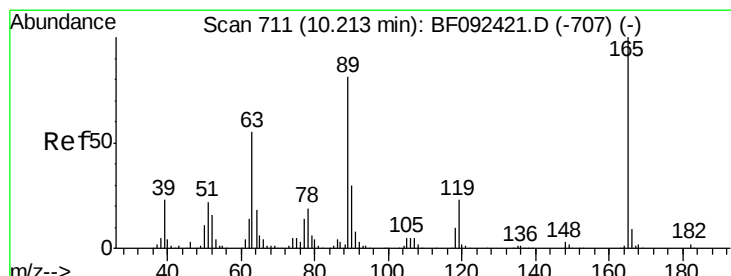
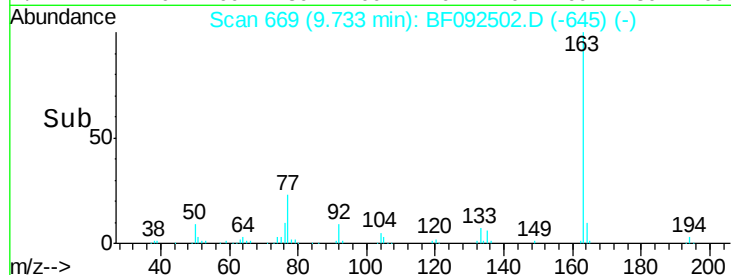
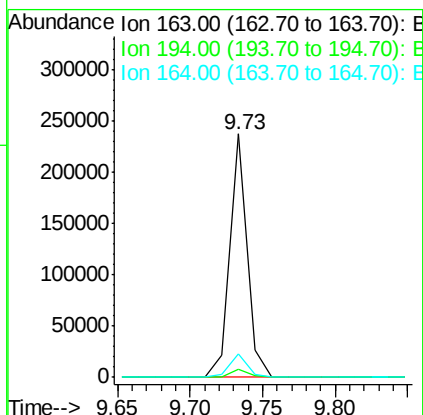
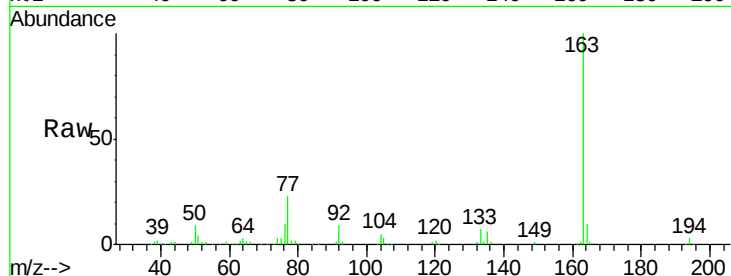




#49
Dimethylphthalate
Concen: 8.94 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

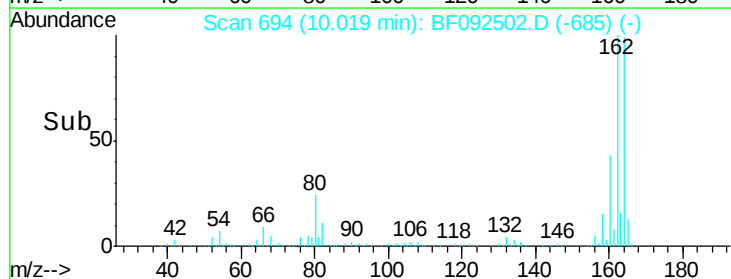
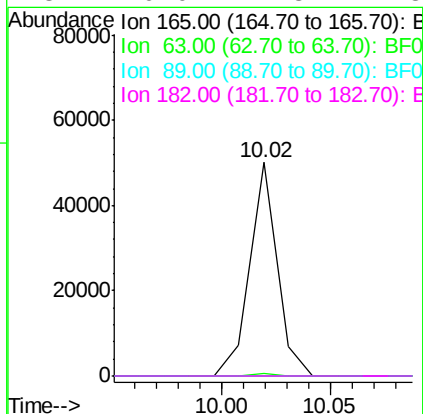
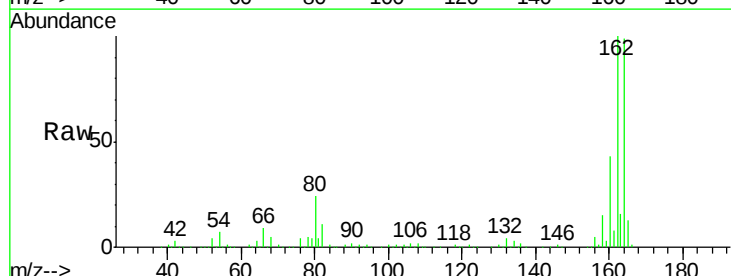
Instrument :
BNA_F
ClientSampleId :

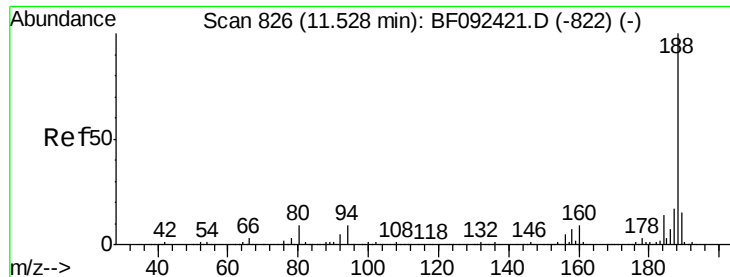
Tot Ion:163 Resp: 197379
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.9 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Tgt Ion:165 Resp: 43924
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 0.0 62.5 93.7#
182 0.0 1.8 2.8#

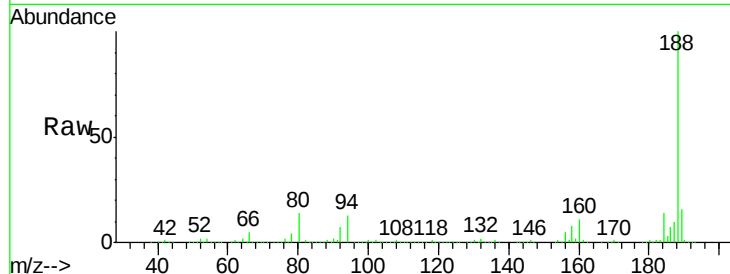




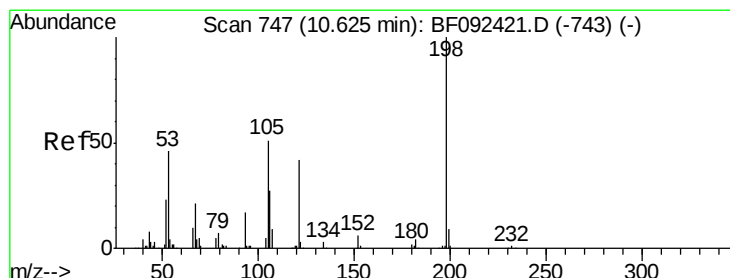
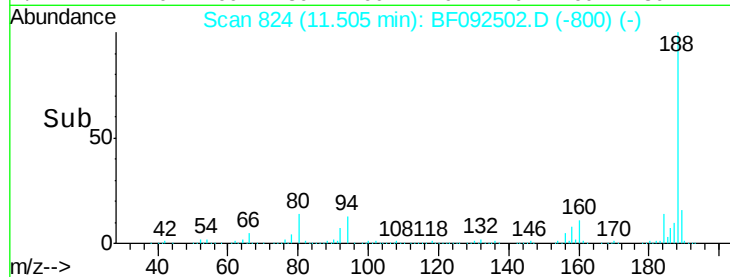
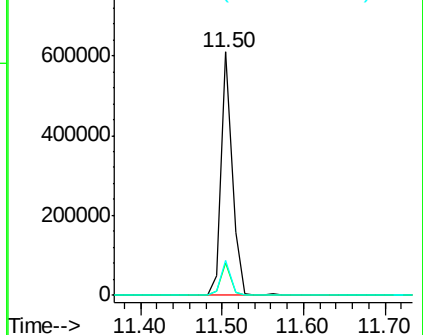
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 569735
Ion Ratio Lower Upper
188 100
94 13.1 10.0 15.0
80 14.3 11.2 16.8

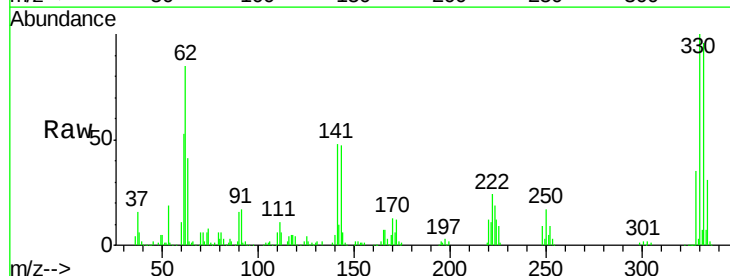


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

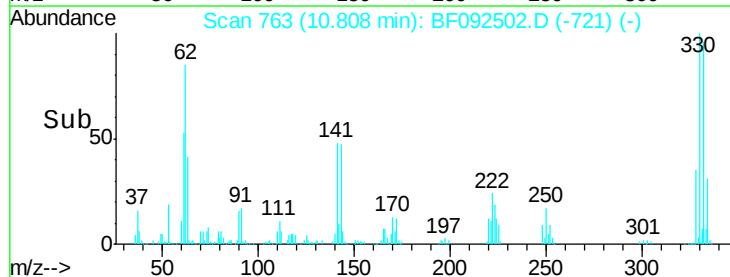
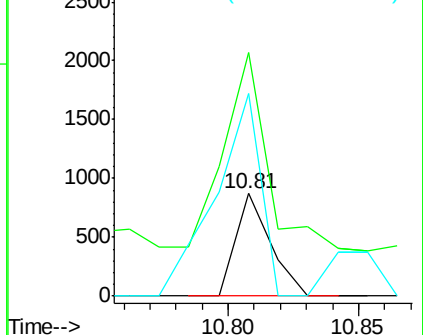


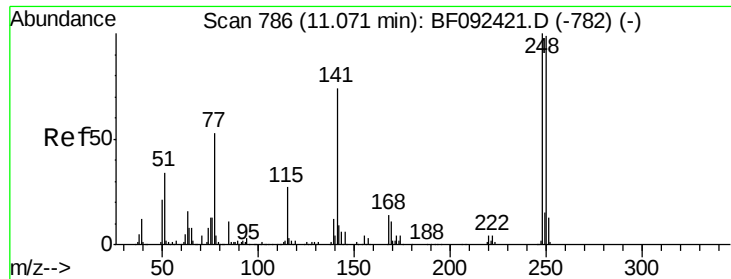
#64
4,6-Dinitro-2-methylphenol
Concen: 5.19 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.18 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Tgt Ion:198 Resp: 813
Ion Ratio Lower Upper
198 100
51 237.3 6.7 46.7#
105 198.1 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

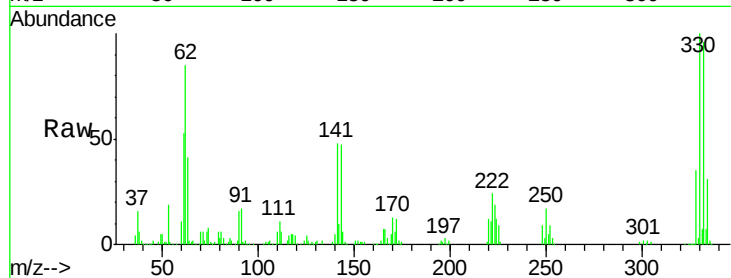




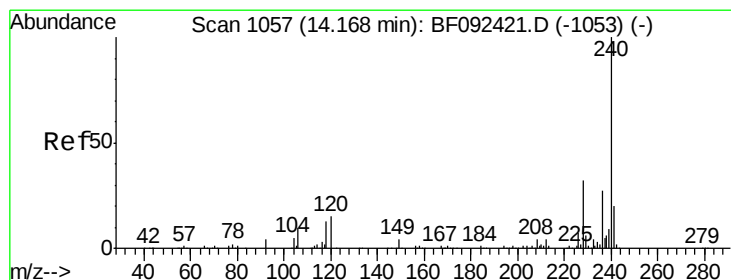
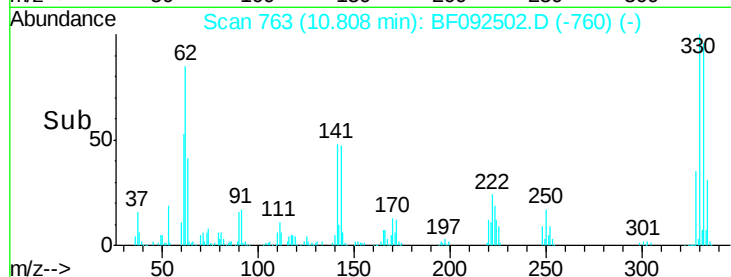
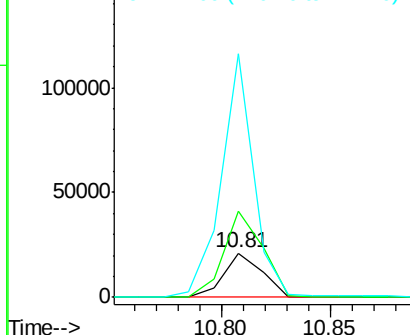
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.26 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25808
Ion Ratio Lower Upper
248 100
250 194.0 76.9 115.3#
141 552.1 68.2 102.4#

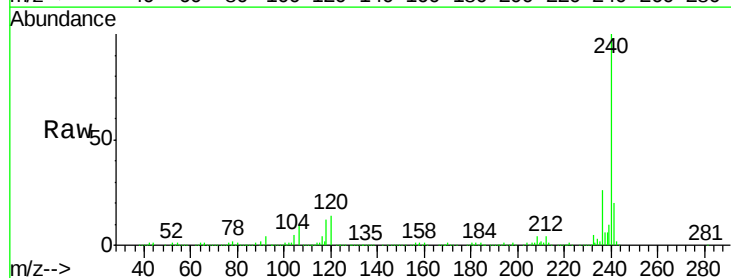


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

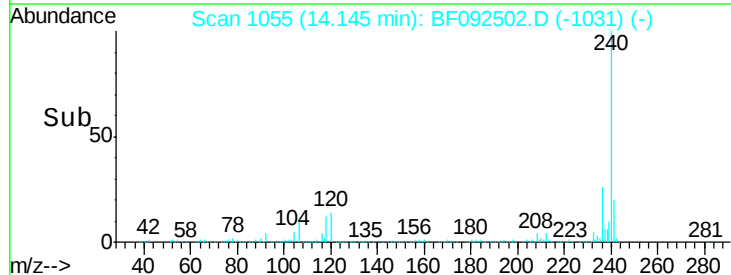
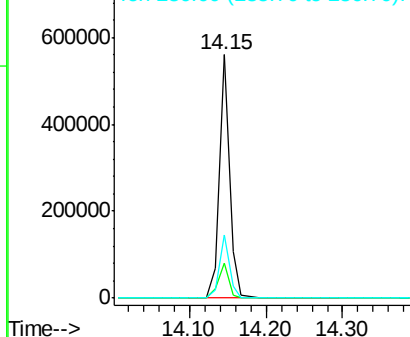


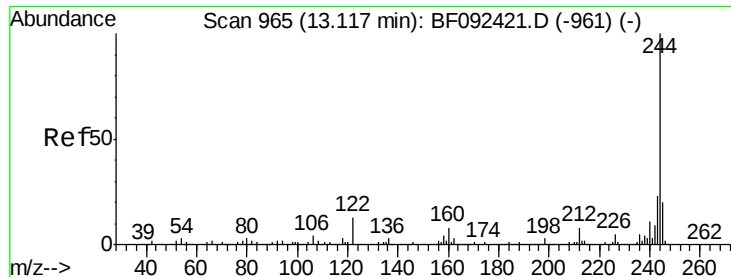
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092502.D
Acq: 26 Jan 2017 3:00

Tgt Ion:240 Resp: 516158
Ion Ratio Lower Upper
240 100
120 14.4 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

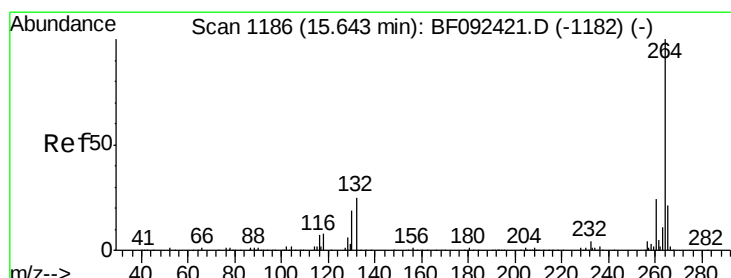
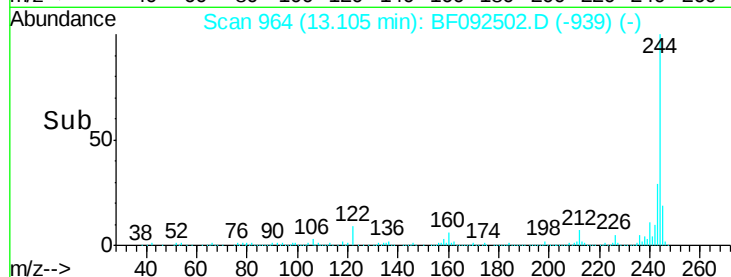
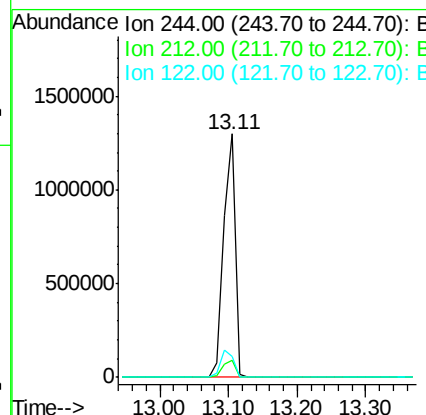
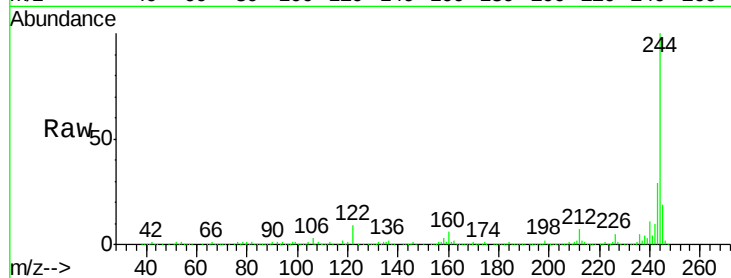




#78
 Terphenyl-d14
 Concen: 80.46 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092502.D
 Acq: 26 Jan 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1559611
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.7 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: BF092502.D
 Acq: 26 Jan 2017 3:00

Tgt Ion:264 Resp: 406363
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.5 17.4 26.0

