

Data Path : Z:\HPCHEM1\BNA F\Data\BF021517\
 Data File : BF092953.D
 Acq On : 15 Feb 2017 16:18
 Operator : SJ/MA
 Sample : PB96964TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 16:52:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

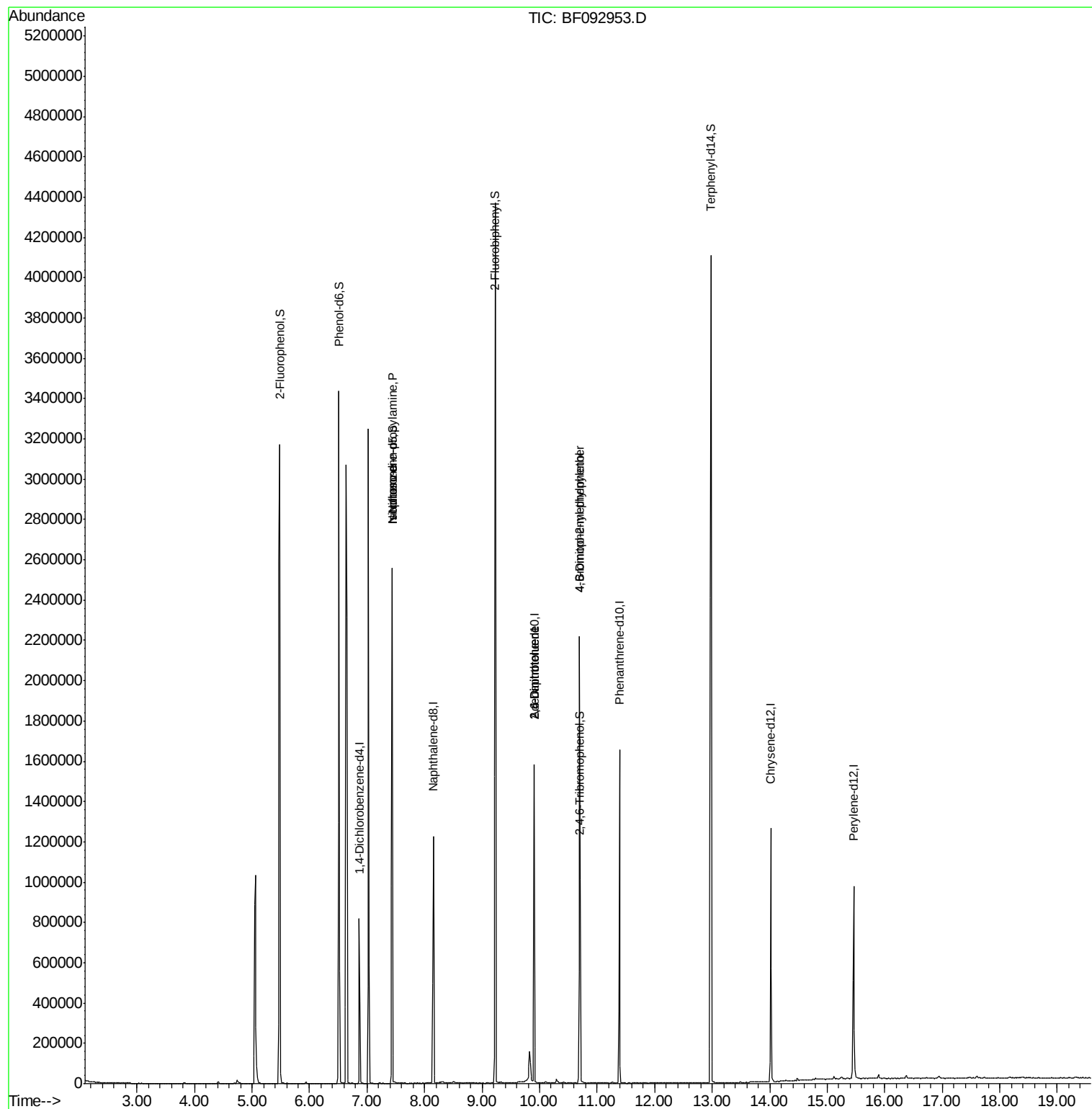
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140763	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	605865	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	327859	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	574857	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	483071	20.00	ng	-0.03
86) Perylene-d12	15.46	264	432867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1202560	146.57	ng	0.00
7) Phenol-d6	6.51	99	1288300	122.03	ng	-0.02
23) Nitrobenzene-d5	7.44	82	864116	79.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	335557	141.51	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1494928	82.61	ng	-0.01
78) Terphenyl-d14	12.98	244	1519220	73.90	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	116996	17.41	ng	# 79
25) Isophorone	7.44	82	630132	31.08	ng	# 65
50) 2,6-Dinitrotoluene	9.90	165	42429	8.90	ng	# 30
56) 2,4-Dinitrotoluene	9.90	165	42431	6.68	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.69	198	782	2.88	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	22791	3.79	ng	# 1

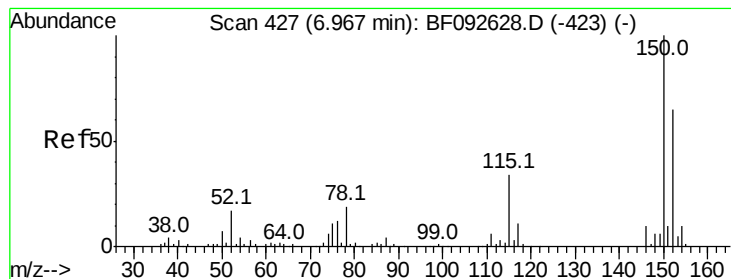
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

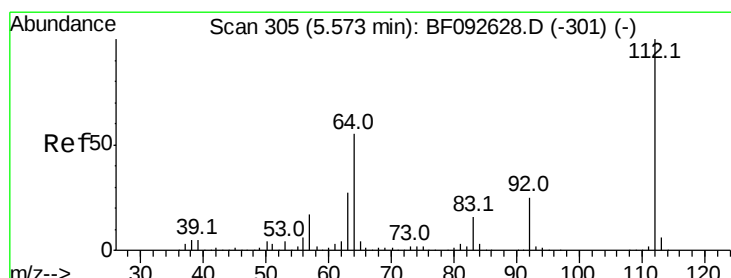
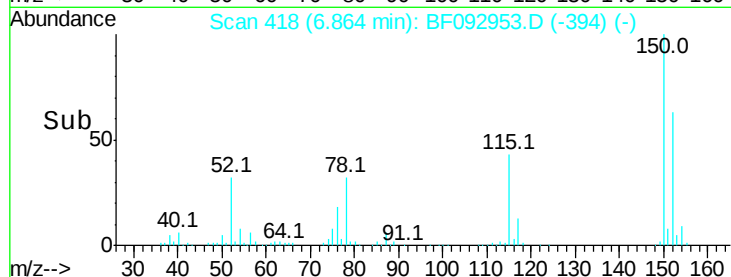
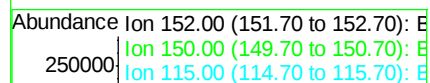
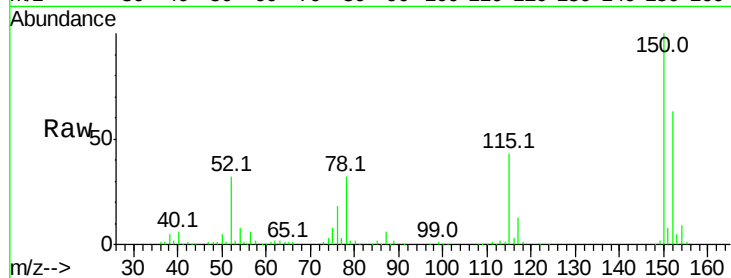
Tot Ion:152 Resp: 140763

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

115 68.2 46.0 69.0



#5

2-Fluorophenol

Concen: 146.57 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

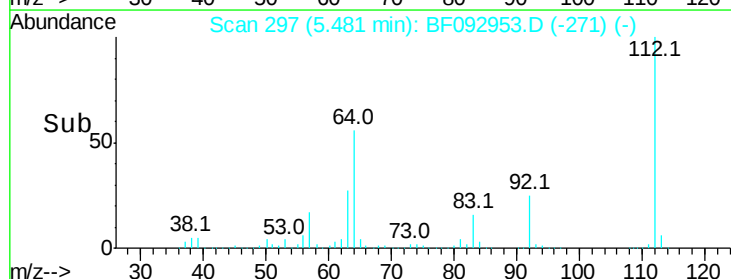
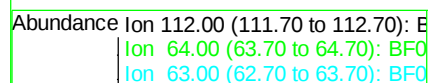
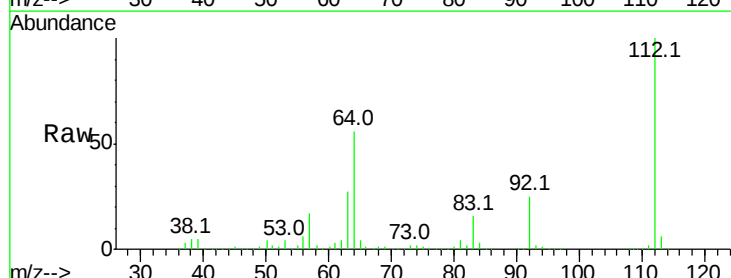
Tgt Ion:112 Resp: 1202560

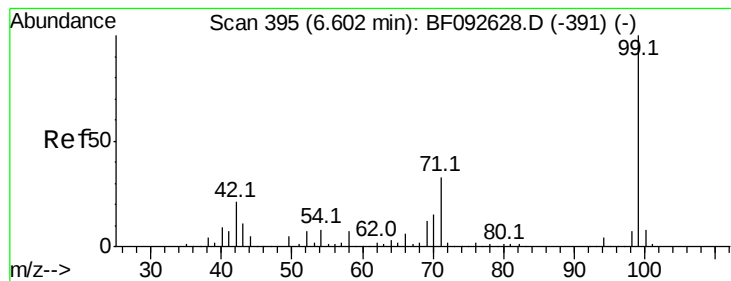
Ion Ratio Lower Upper

112 100

64 56.1 46.1 69.1

63 27.3 23.8 35.6





#7

Phenol-d6

Concen: 122.03 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

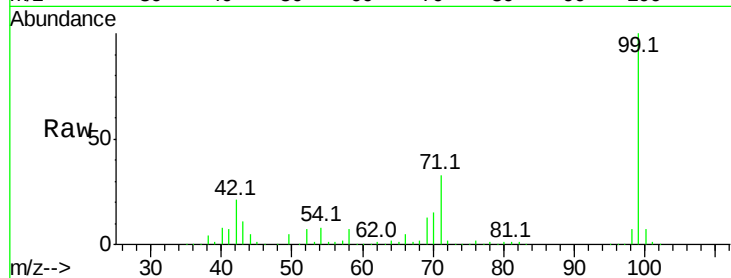
Tot Ion: 99 Resp: 1288300

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

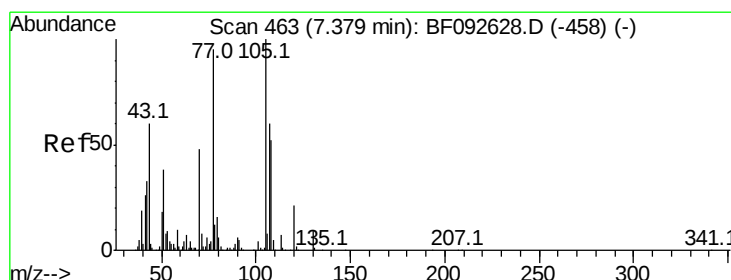
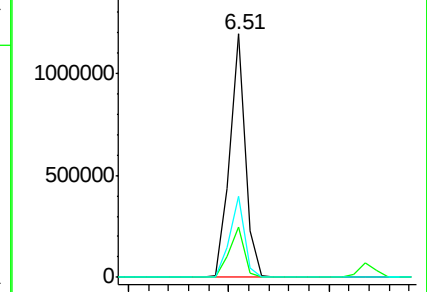
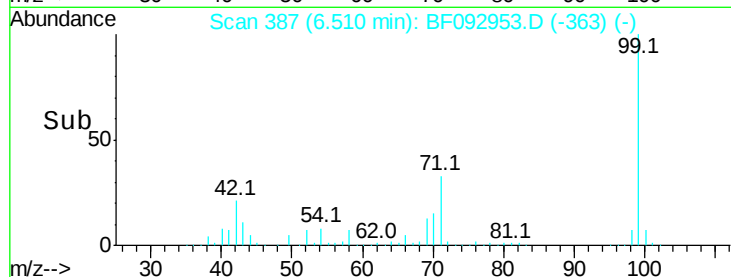
71 33.2 27.5 41.3



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: 17.41 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

Tgt Ion: 70 Resp: 116996

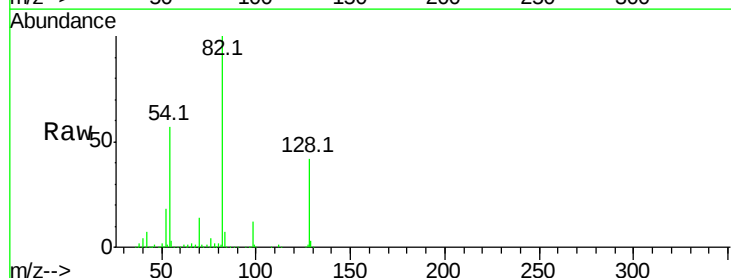
Ion Ratio Lower Upper

70 100

42 49.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

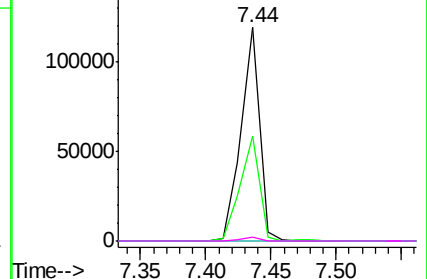
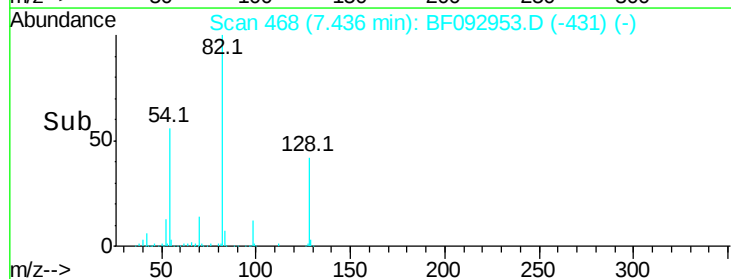


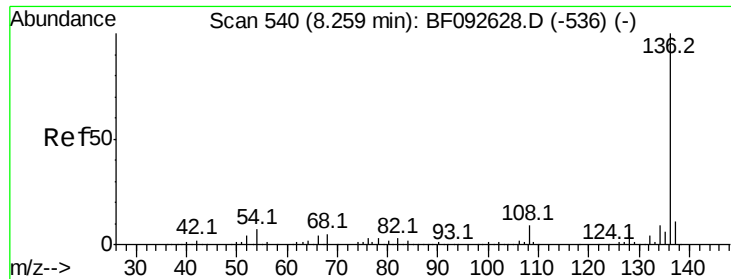
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

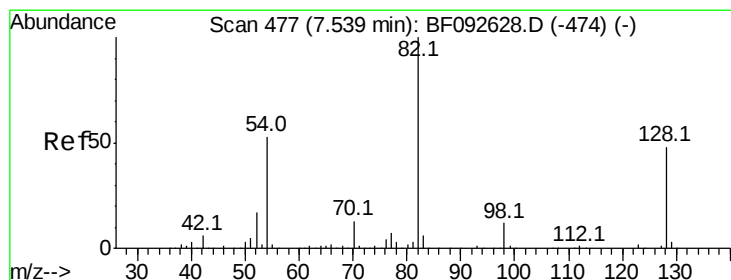
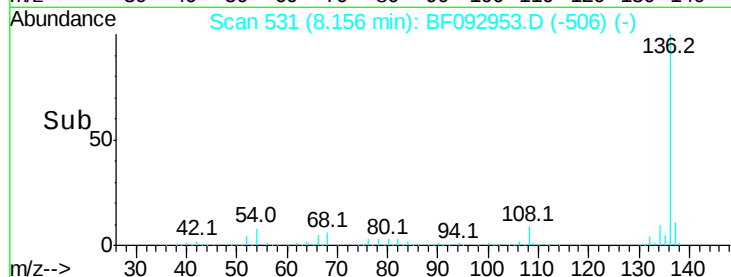
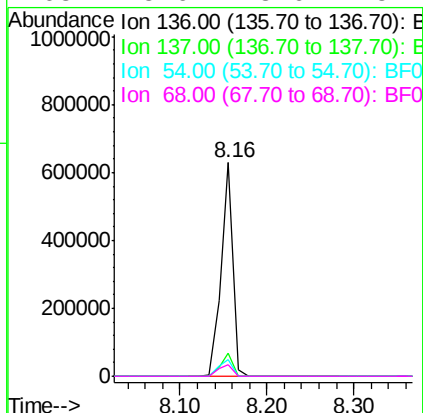
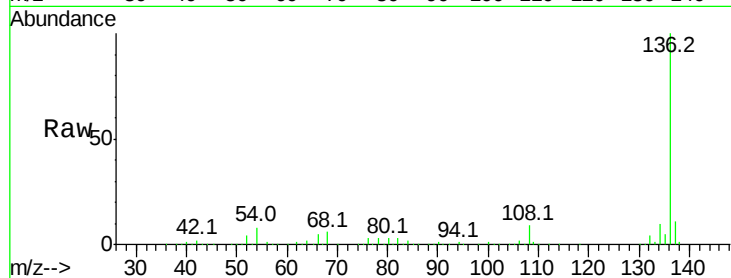




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092953.D
Acq: 15 Feb 2017 16:18

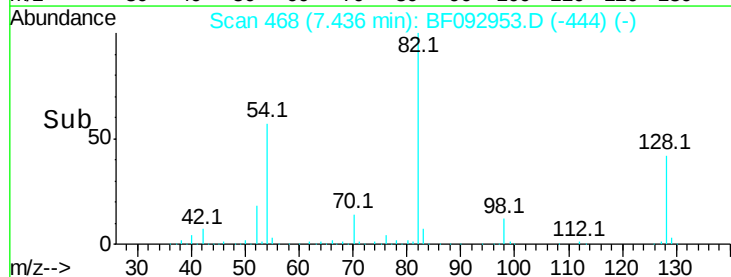
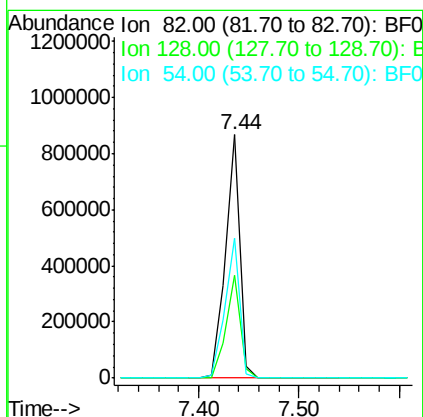
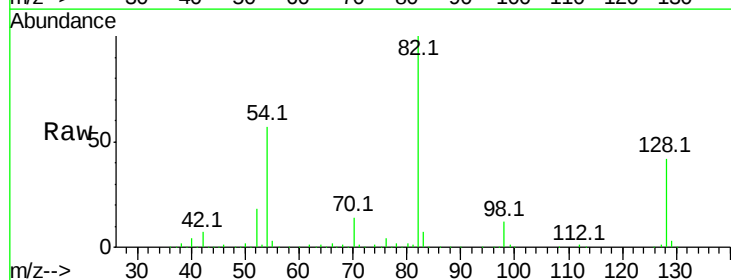
Instrument :
BNA_F
ClientSampled :

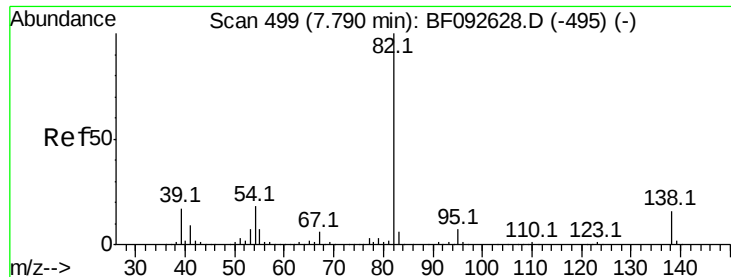
Tot Ion:	136	Resp:	605865
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.0	4.5	6.7#
68	5.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 79.42 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092953.D
Acq: 15 Feb 2017 16:18

Tgt Ion:	82	Resp:	864116
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	57.4	39.5	59.3





#25

Isophorone

Concen: 31.08 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleID :

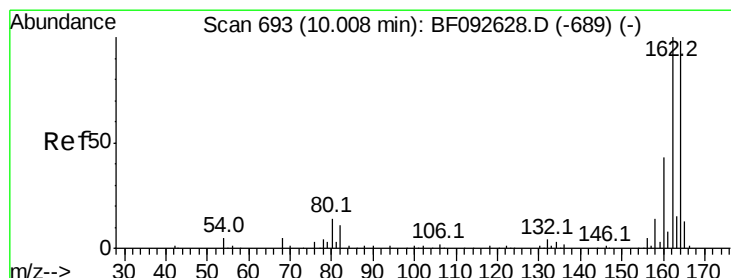
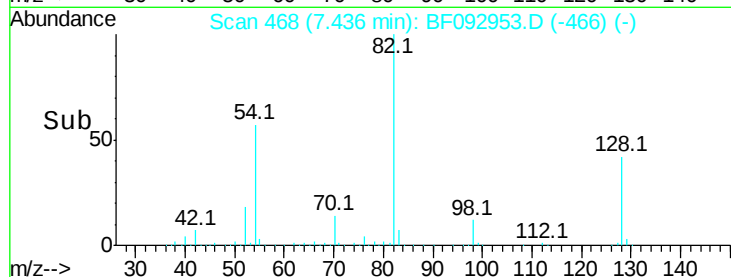
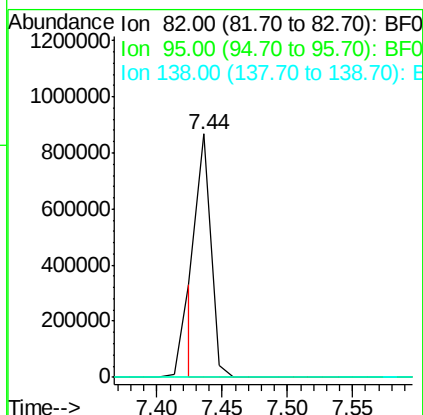
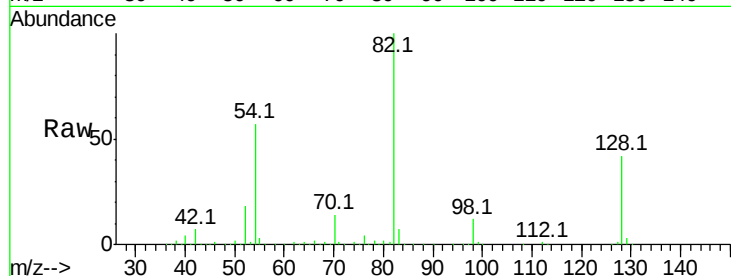
Tot Ion: 82 Resp: 630132

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: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

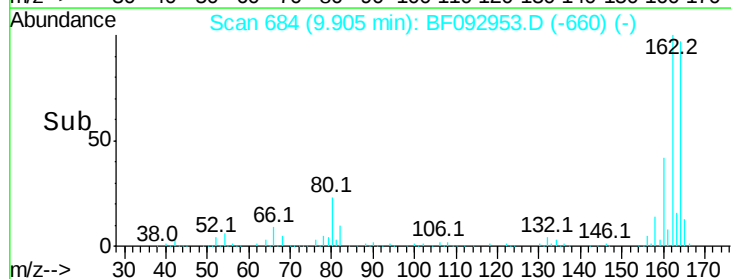
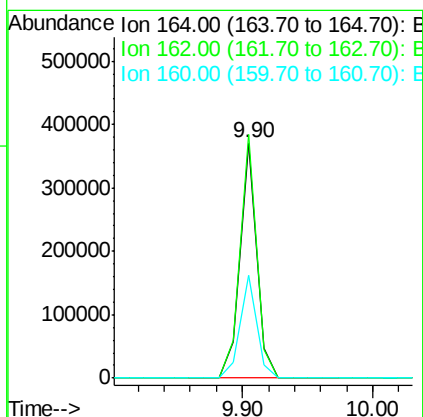
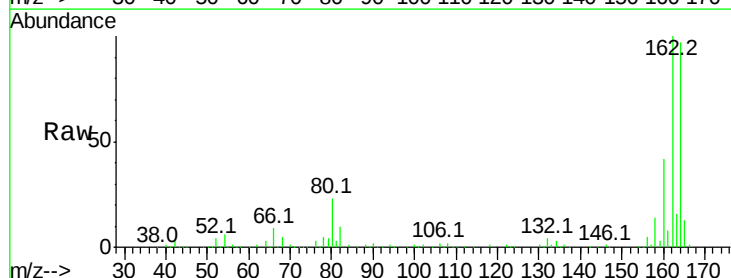
Tgt Ion:164 Resp: 327859

Ion Ratio Lower Upper

164 100

162 103.6 80.2 120.2

160 44.0 36.9 55.3

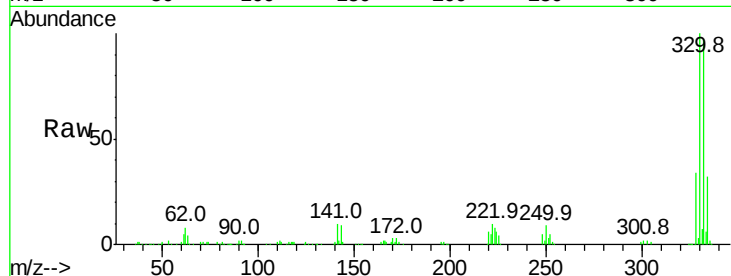




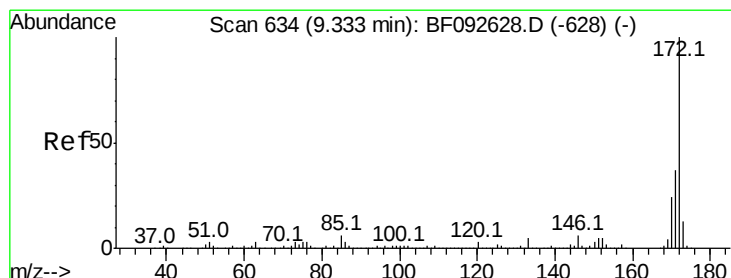
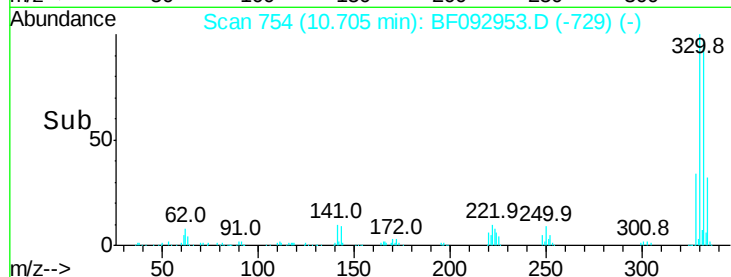
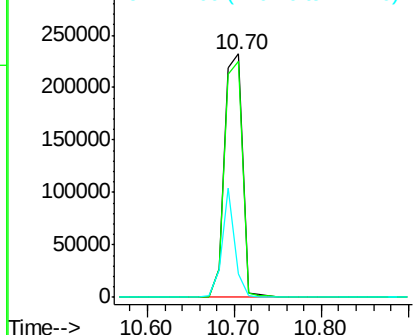
#41
 2,4,6-Tribromophenol
 Concen: 141.51 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	32.2	34.1	51.1#

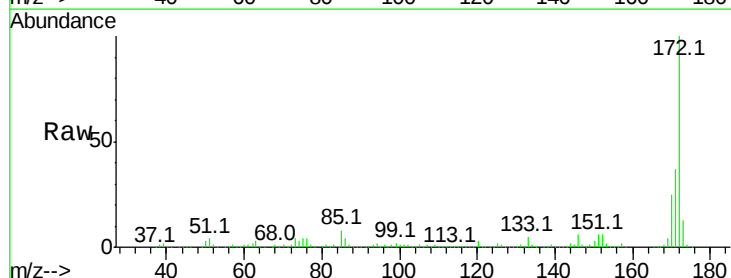


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

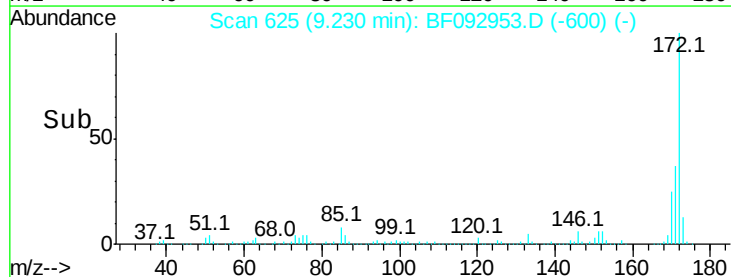
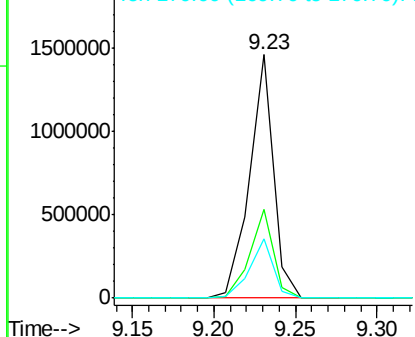


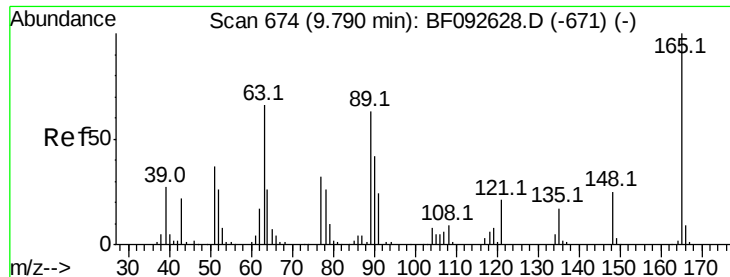
#44
 2-Fluorobiphenyl
 Concen: 82.61 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.6	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

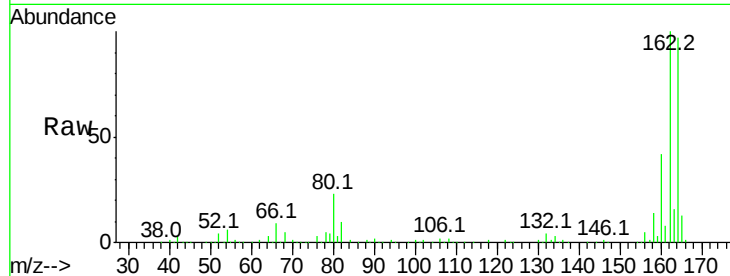




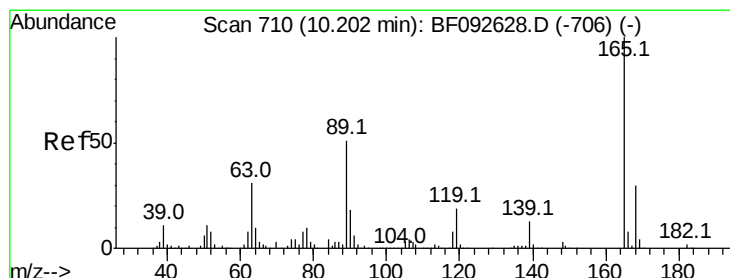
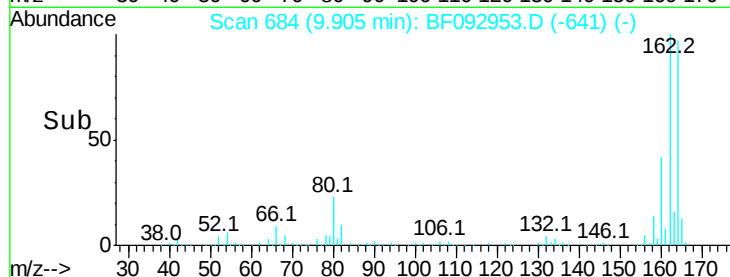
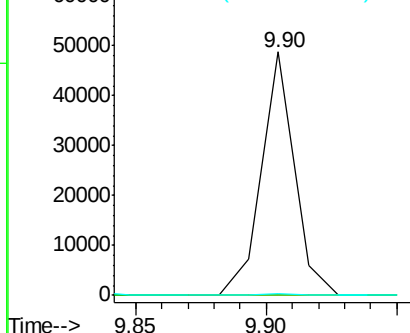
#50
2,6-Dinitrotoluene
Concen: 8.90 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF092953.D
Acq: 15 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 42429
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 0.9 40.2 60.4#

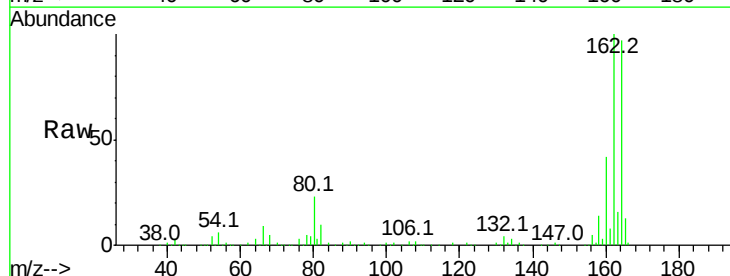


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

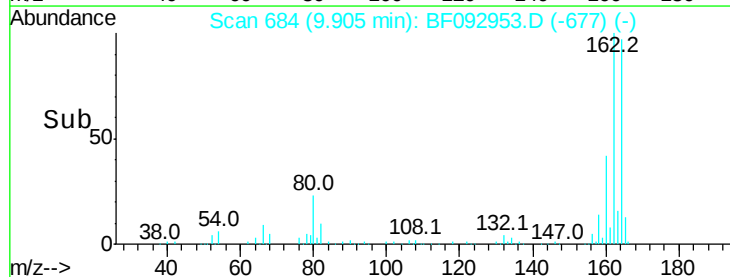
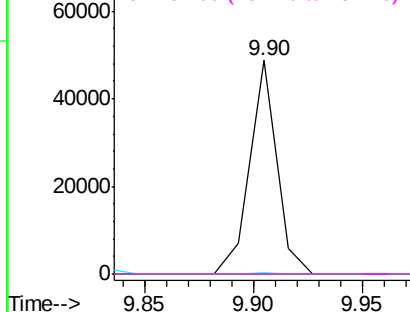


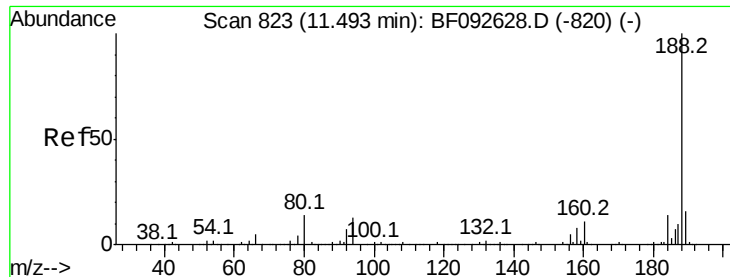
#56
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF092953.D
Acq: 15 Feb 2017 16:18

Tgt Ion:165 Resp: 42431
Ion Ratio Lower Upper
165 100
63 0.0 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

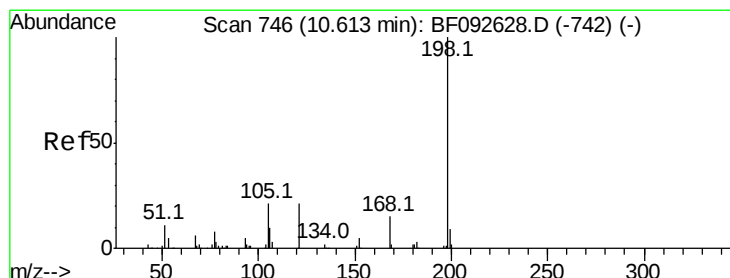
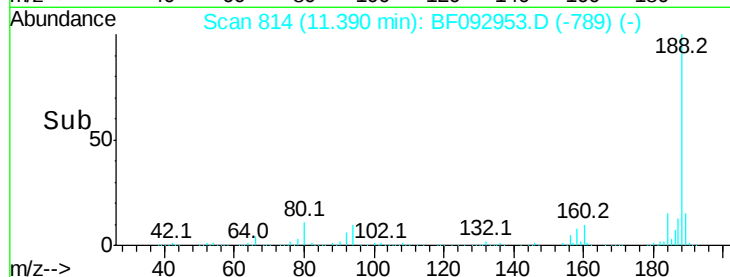
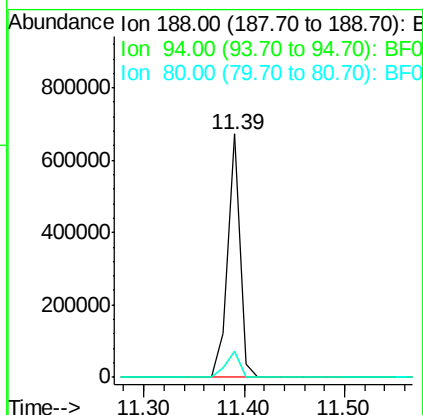
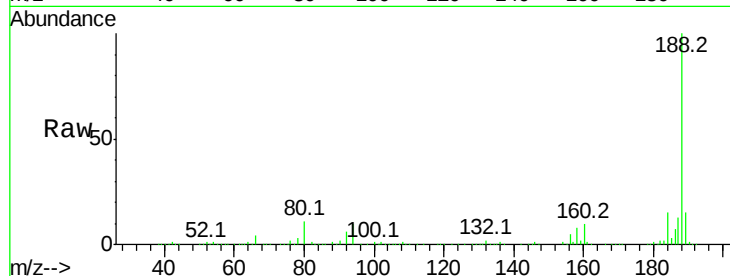




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

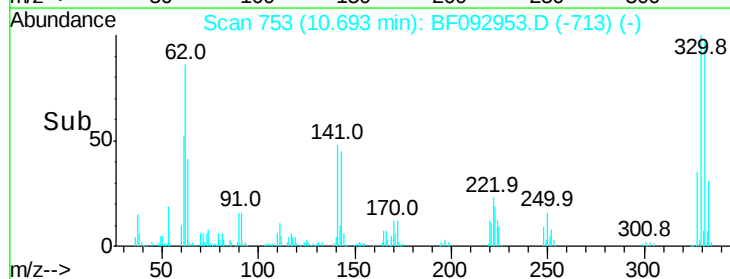
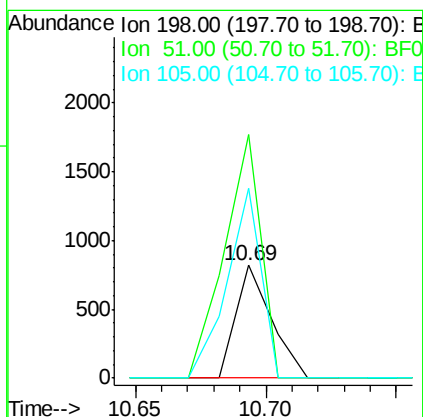
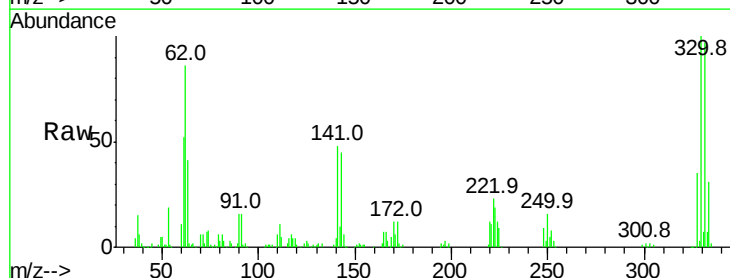
Instrument :
 BNA_F
 ClientSampleId :

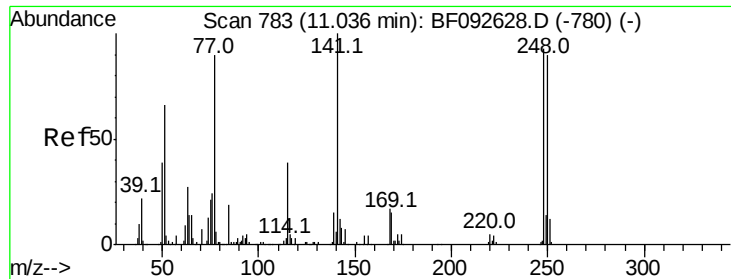
Tot Ion:188 Resp: 574857
 Ion Ratio Lower Upper
 188 100
 94 10.4 10.0 15.0
 80 10.8 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.88 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.16 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Tgt Ion:198 Resp: 782
 Ion Ratio Lower Upper
 198 100
 51 216.0 6.7 46.7#
 105 168.6 16.6 56.6#

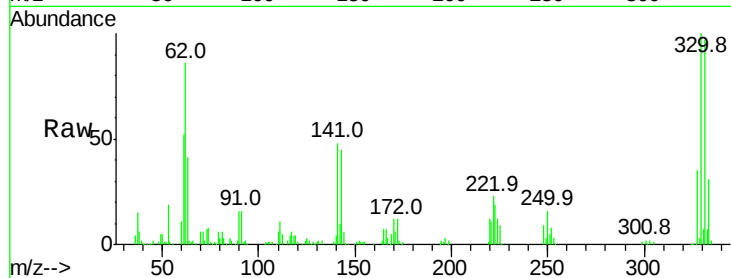




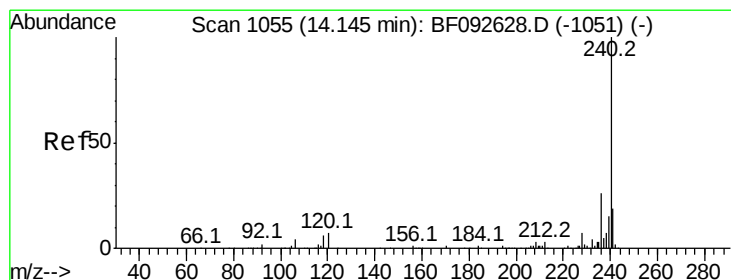
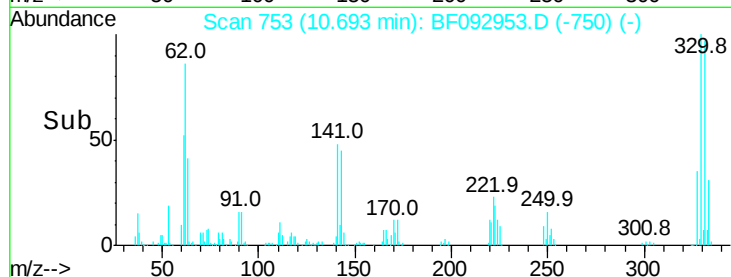
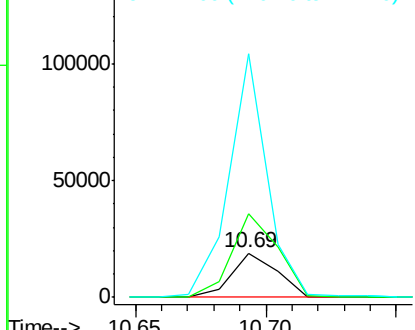
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092953.D
Acq: 15 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22791
Ion Ratio Lower Upper
248 100
250 188.7 76.9 115.3#
141 548.8 68.2 102.4#

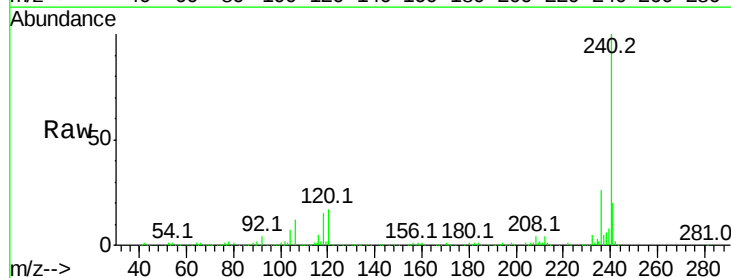


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

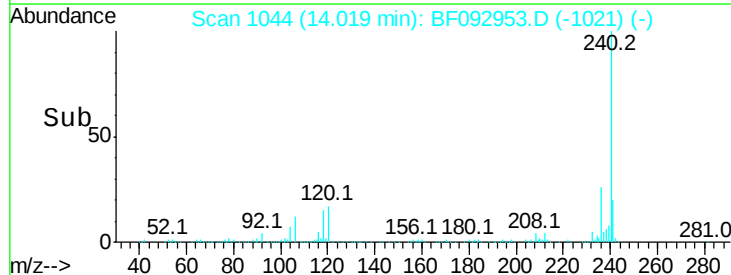
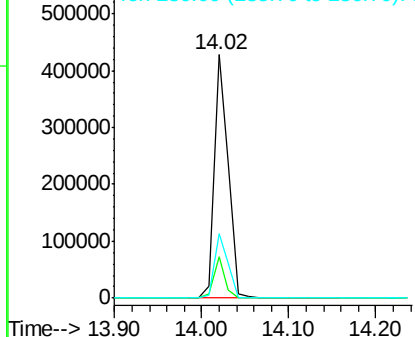


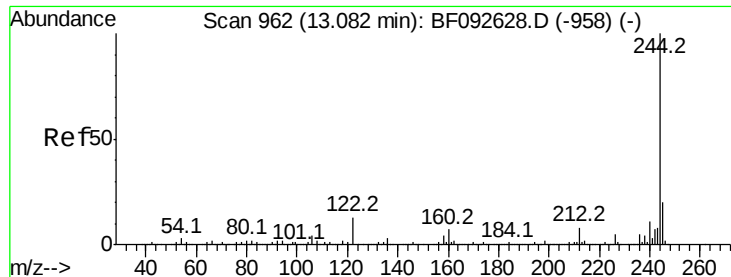
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092953.D
Acq: 15 Feb 2017 16:18

Tgt Ion:240 Resp: 483071
Ion Ratio Lower Upper
240 100
120 16.8 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

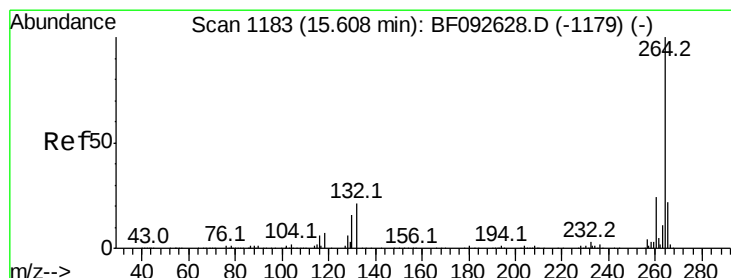
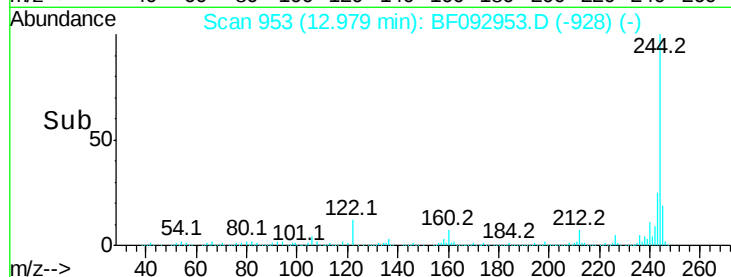
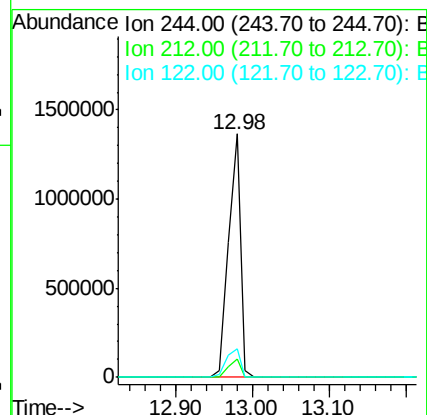
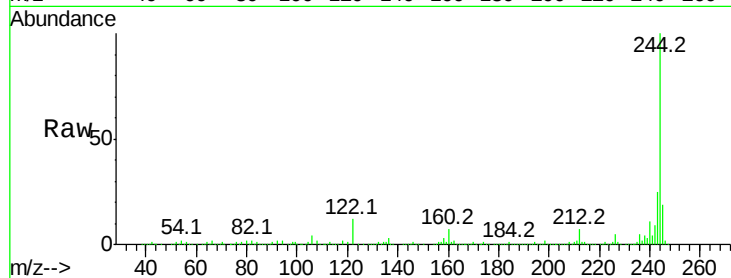




#78
 Terphenyl-d14
 Concen: 73.90 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1519220
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Tgt Ion:264 Resp: 432867
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.4 26.0

