

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092958.D
 Acq On : 15 Feb 2017 18:36
 Operator : SJ/MA
 Sample : I1794-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:31:40 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

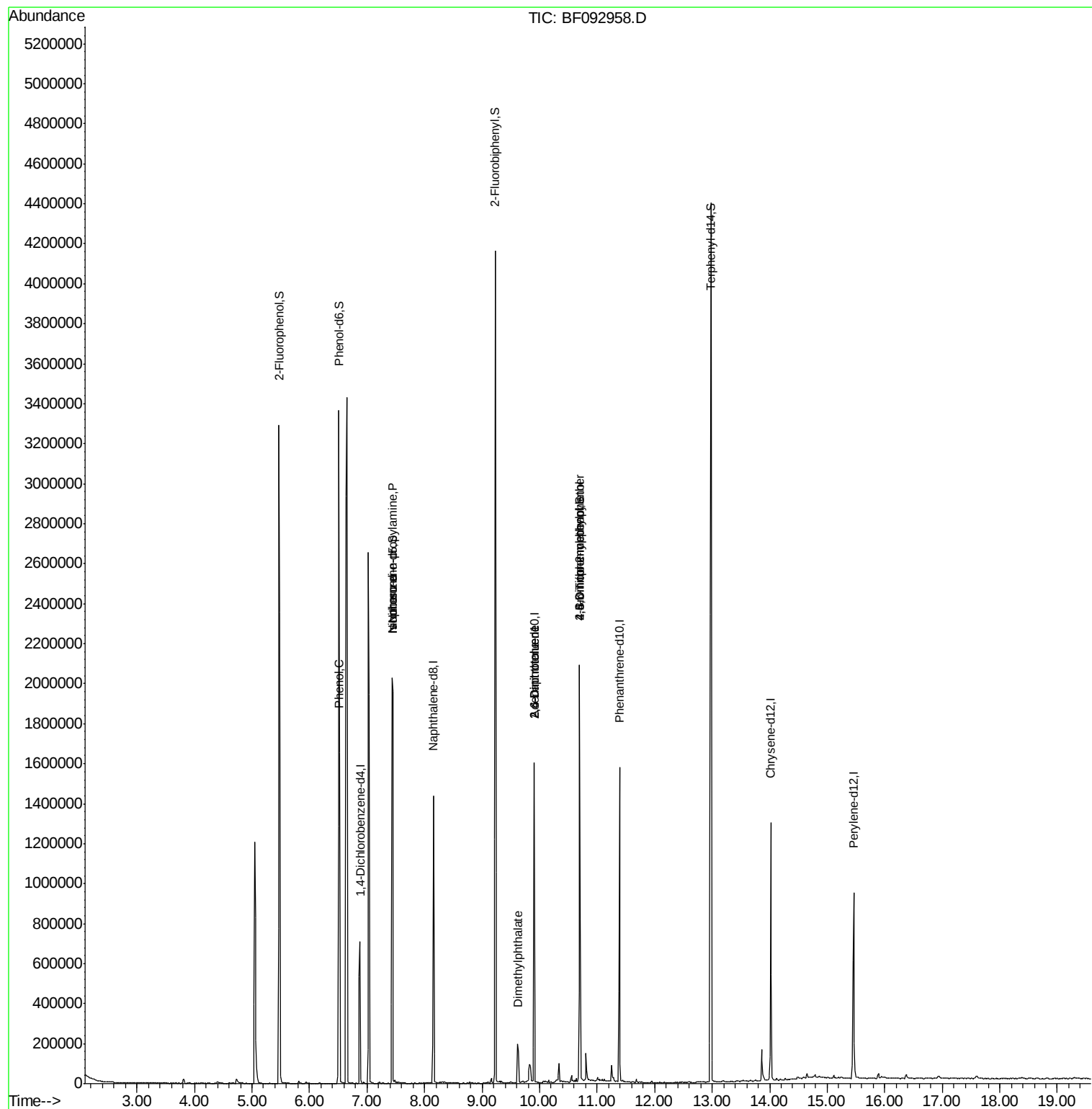
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	145291	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	598764	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	322669	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	583548	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	481119	20.00	ng	-0.03
86) Perylene-d12	15.46	264	438948	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1286500	151.91	ng	-0.01
7) Phenol-d6	6.51	99	1562420	143.39	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1034823	96.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	287289	123.10	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1530889	85.95	ng	-0.01
78) Terphenyl-d14	12.98	244	1564880	76.42	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	30972	2.43	ng	# 72
19) n-Nitroso-di-n-propylamine	7.44	70	135425	19.52	ng	# 84
25) Isophorone	7.44	82	944335	47.13	ng	# 65
49) Dimethylphthalate	9.63	163	114965	5.29	ng	# 98
50) 2,6-Dinitrotoluene	9.90	165	43654	9.30	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	43656	6.99	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	531	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	20029	3.29	ng	# 1

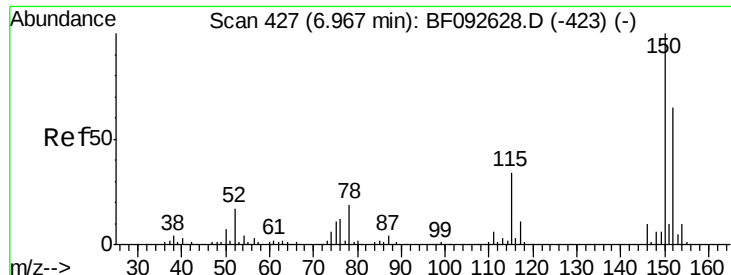
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092958.D

Acq: 15 Feb 2017 18:36

Instrument :

BNA_F

ClientSampled :

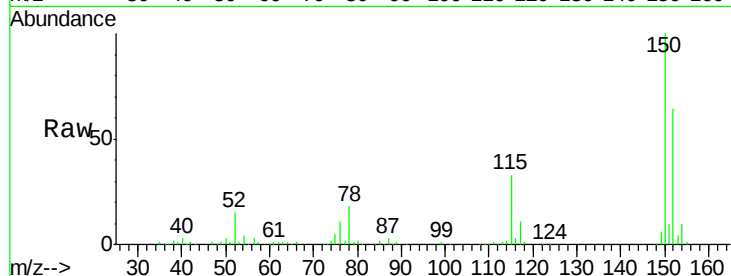
Tot Ion:152 Resp: 145291

Ion Ratio Lower Upper

152 100

150 155.1 124.9 187.3

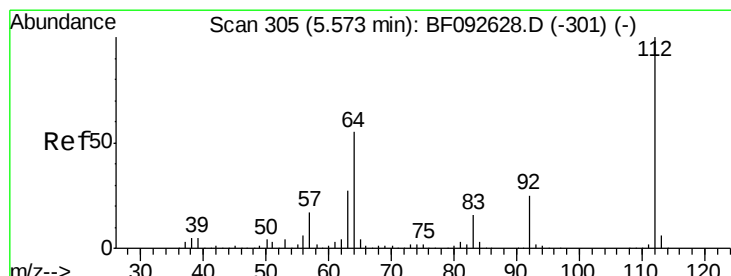
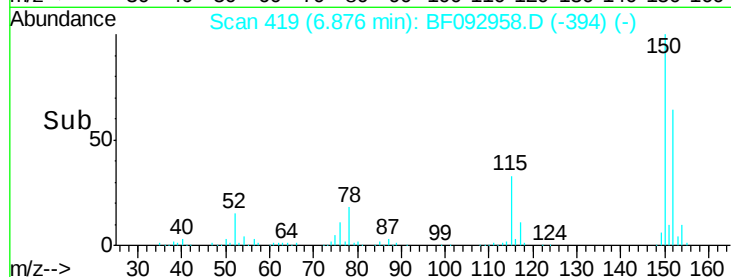
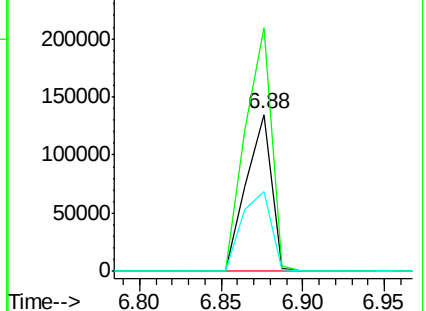
115 50.6 46.0 69.0



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: 151.91 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092958.D

Acq: 15 Feb 2017 18:36

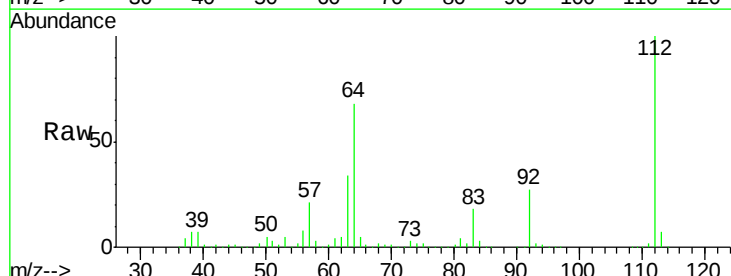
Tgt Ion:112 Resp: 1286500

Ion Ratio Lower Upper

112 100

64 67.6 46.1 69.1

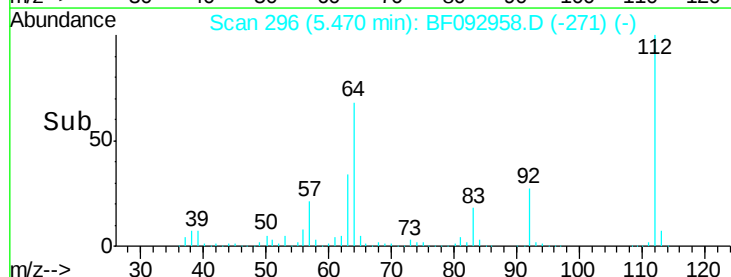
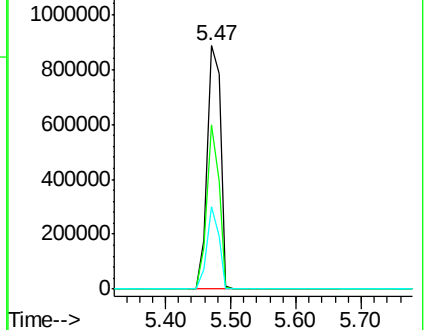
63 34.0 23.8 35.6

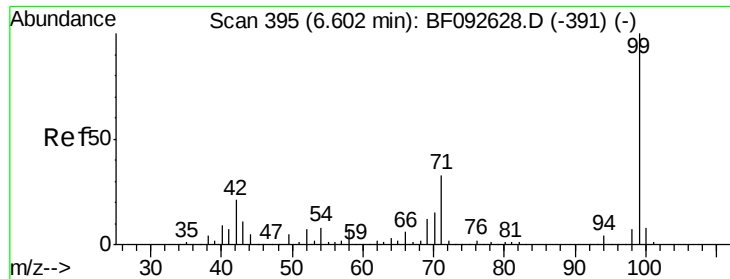


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.39 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092958.D

Acq: 15 Feb 2017 18:36

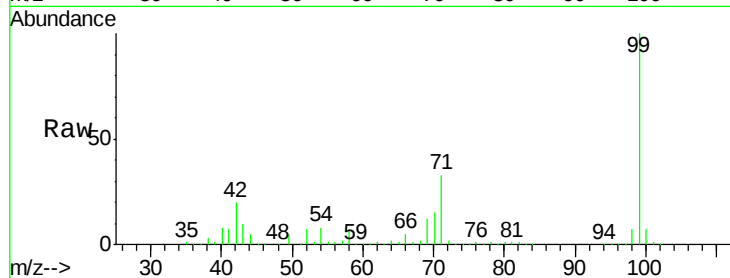
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1562420

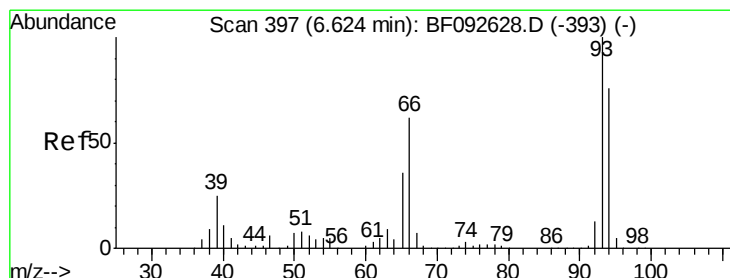
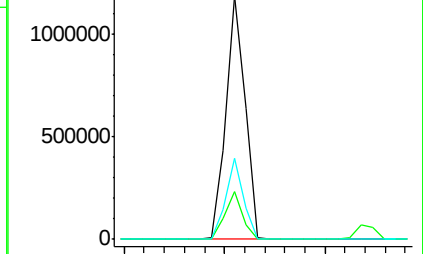
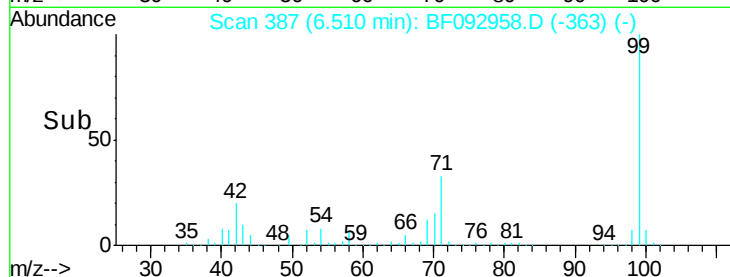
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	33.1	27.5	41.3



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: 2.43 ng

RT: 6.52 min Scan# 388

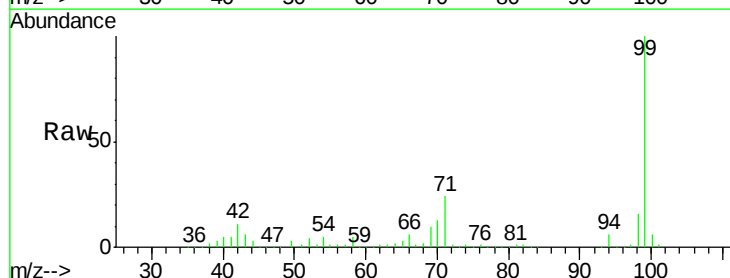
Delta R.T. -0.02 min

Lab File: BF092958.D

Acq: 15 Feb 2017 18:36

Tgt Ion: 94 Resp: 30972

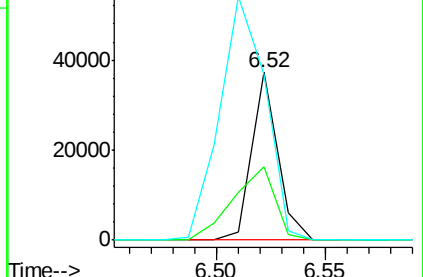
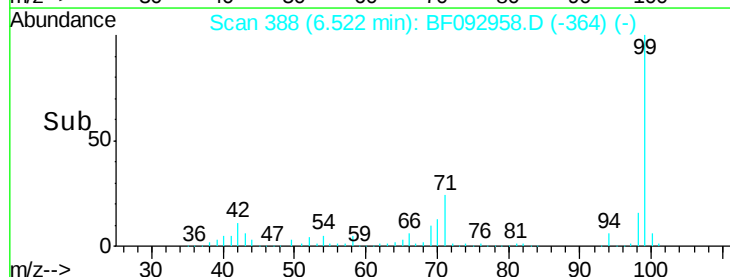
Ion	Ratio	Lower	Upper
94	100		
65	43.7	21.4	61.4
66	98.5	44.0	84.0#

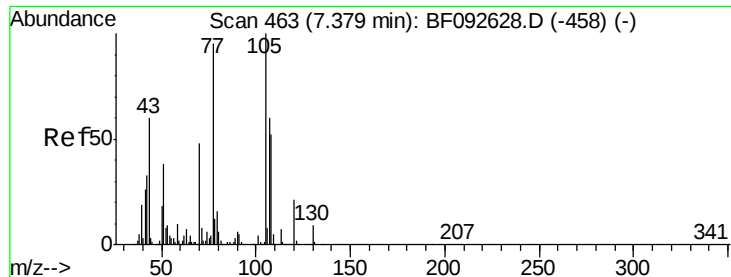


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

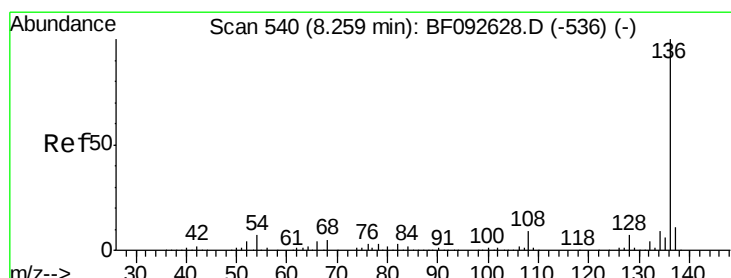
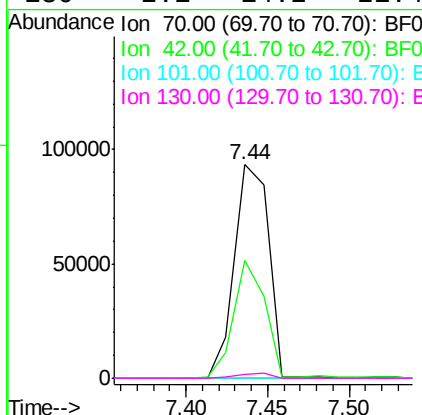
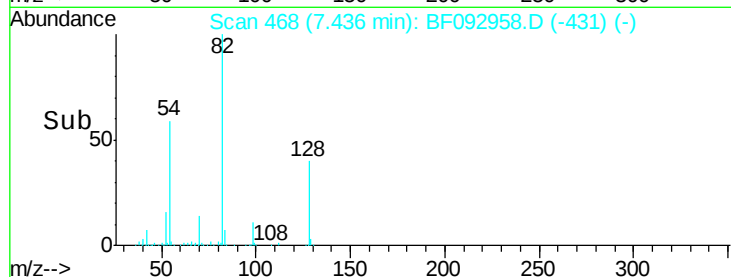
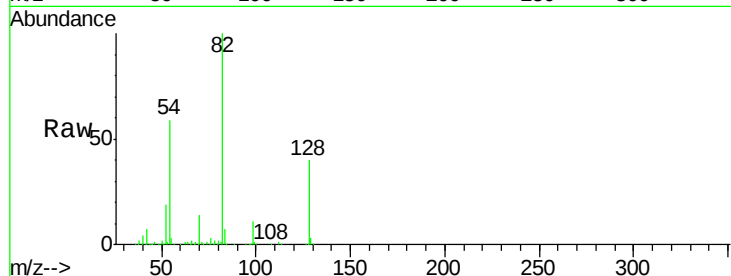




#19
n-Nitroso-di-n-propylamine
Concen: 19.52 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

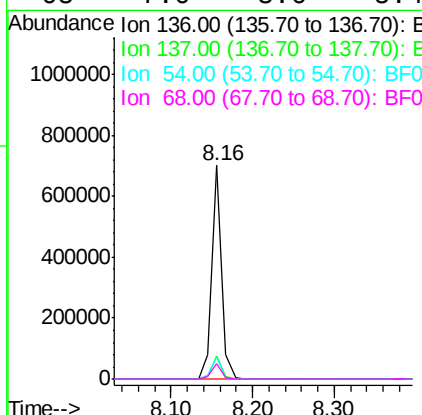
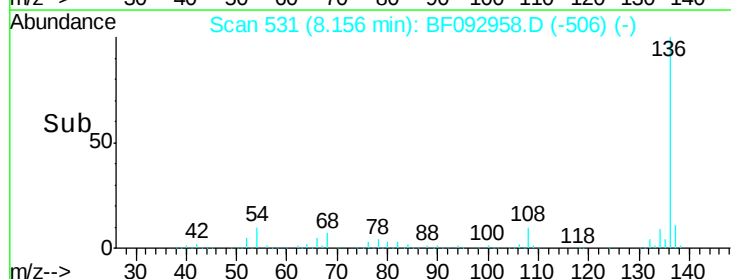
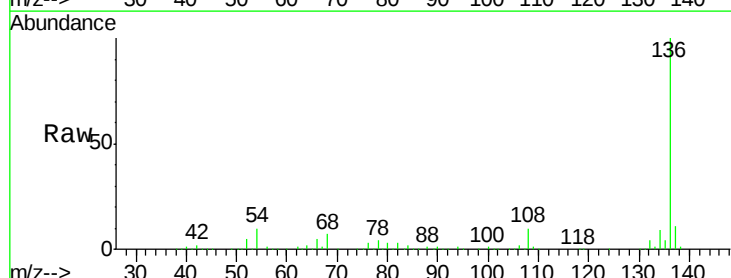
Instrument :
BNA_F
ClientSampled :

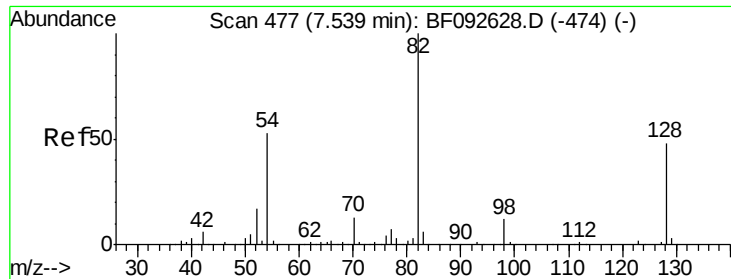
Tot Ion: 70 Resp: 135425
Ion Ratio Lower Upper
70 100
42 54.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Tgt Ion:136 Resp: 598764
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.4 4.5 6.7#
68 7.0 3.6 5.4#

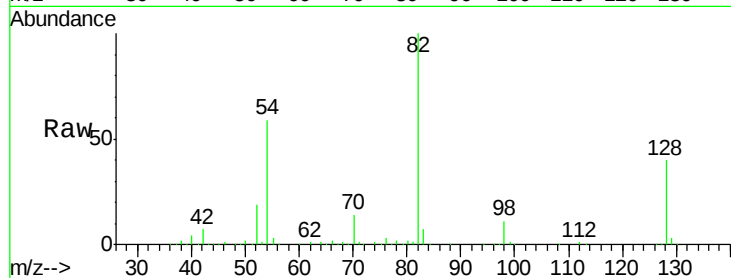




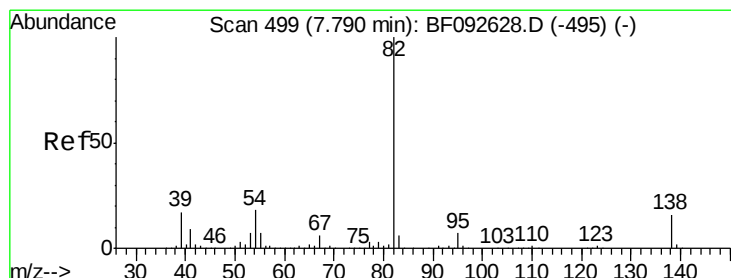
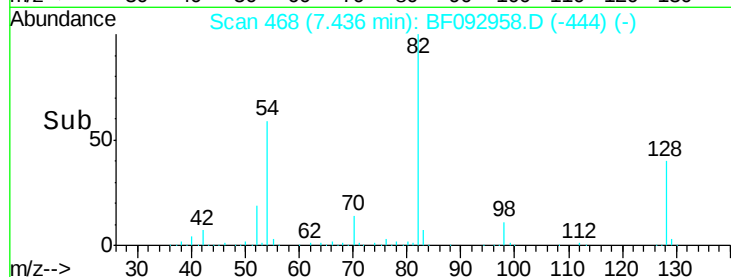
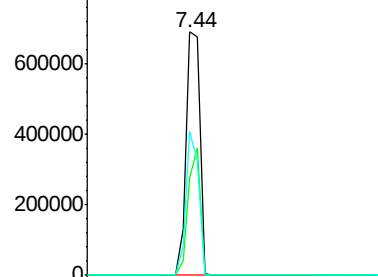
#23
 Nitrobenzene-d5
 Concen: 96.24 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1034823
 Ion Ratio Lower Upper
 82 100
 128 40.0 34.6 52.0
 54 59.2 39.5 59.3

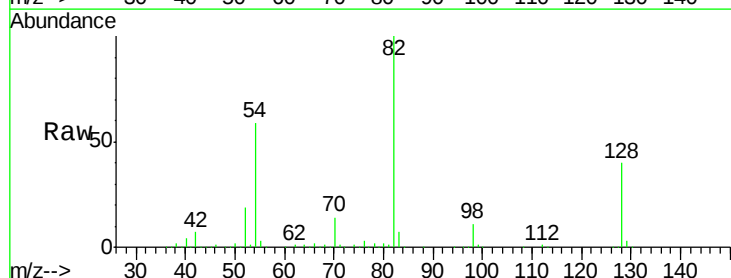


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

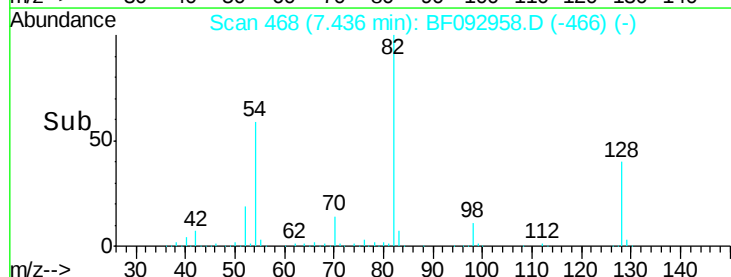
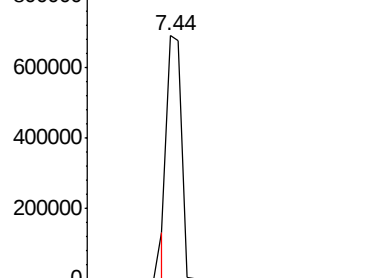


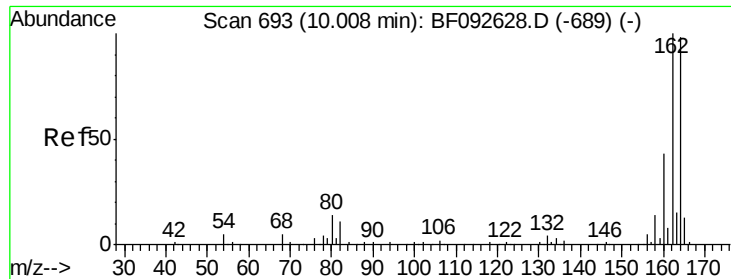
#25
 Isophorone
 Concen: 47.13 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.27 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

Tgt Ion: 82 Resp: 944335
 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

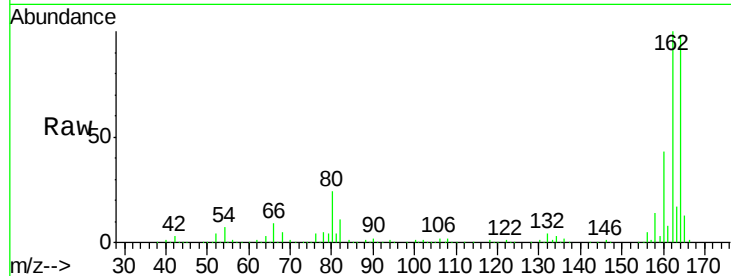




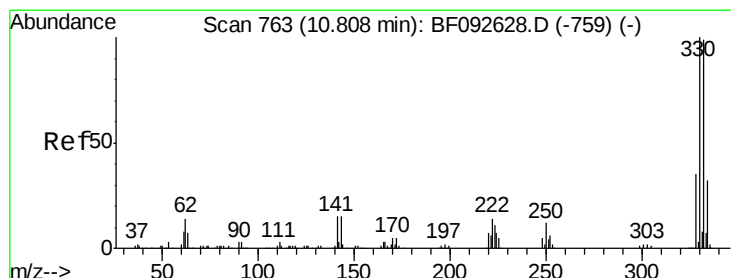
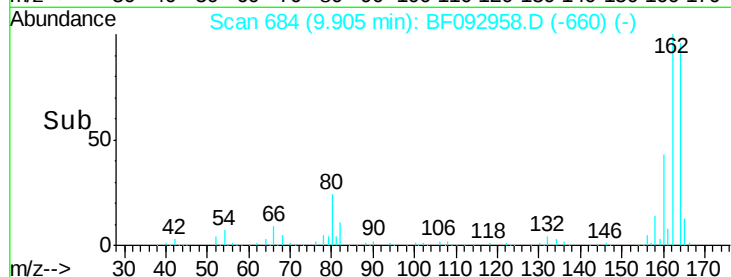
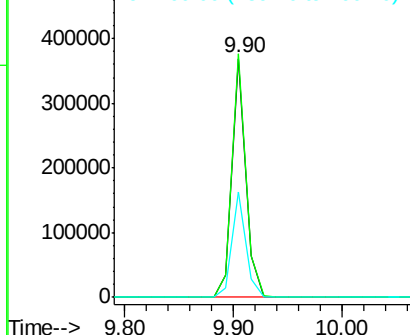
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 322669
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 44.0 36.9 55.3

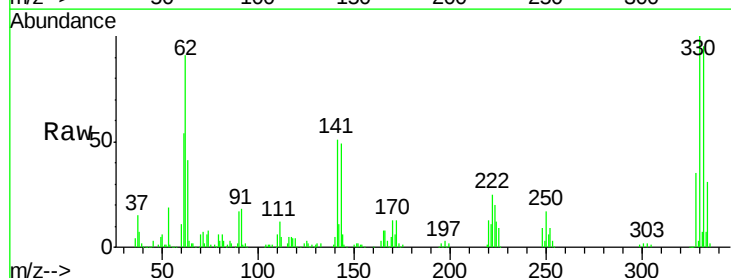


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

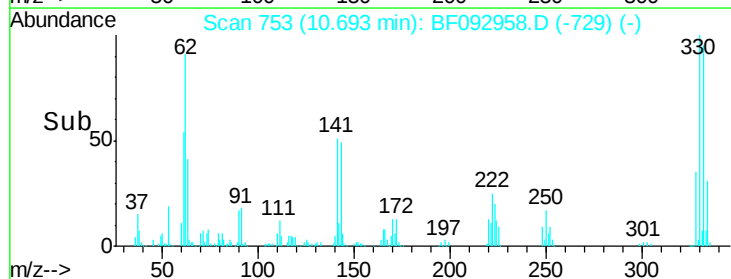
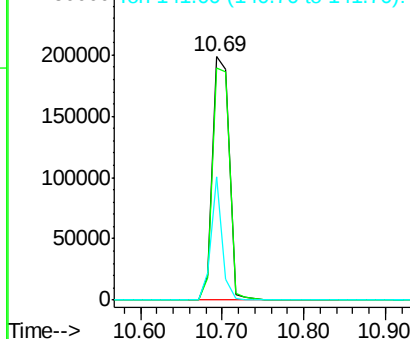


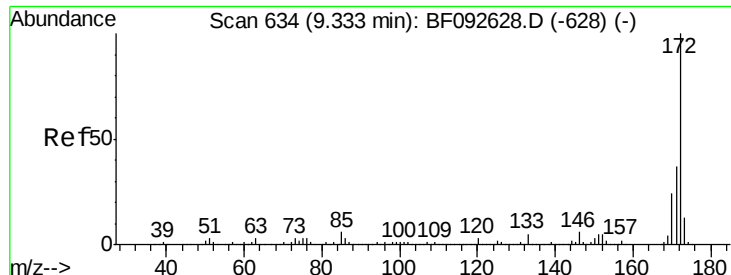
#41
2,4,6-Tribromophenol
Concen: 123.10 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Tgt Ion:330 Resp: 287289
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 34.4 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

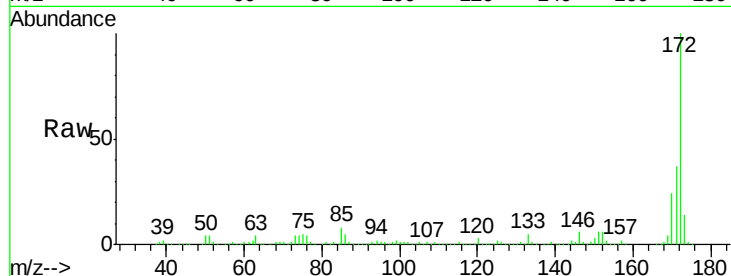




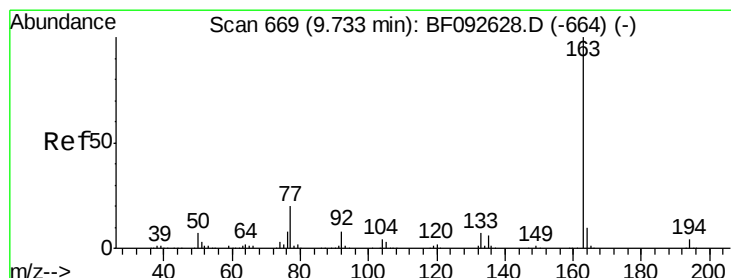
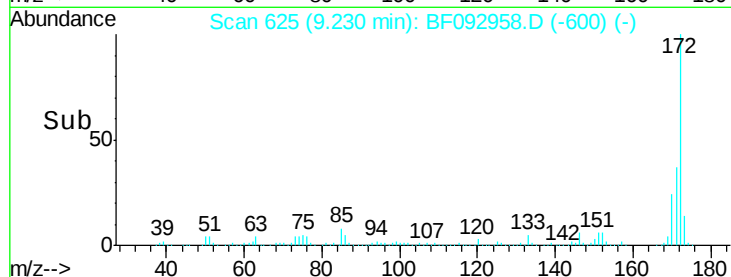
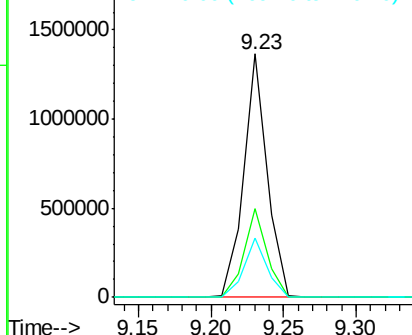
#44
2-Fluorobiphenyl
Concen: 85.95 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1530889
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.4 20.2 30.4

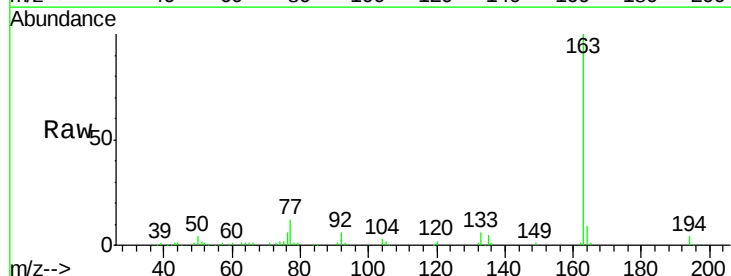


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

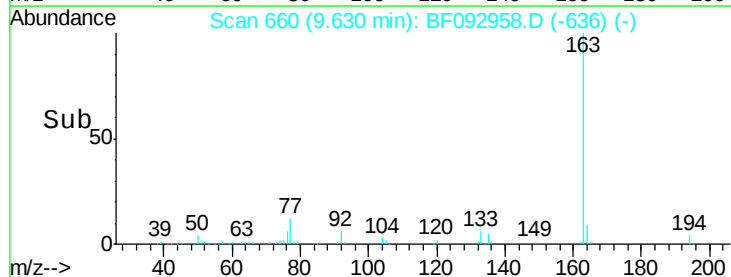
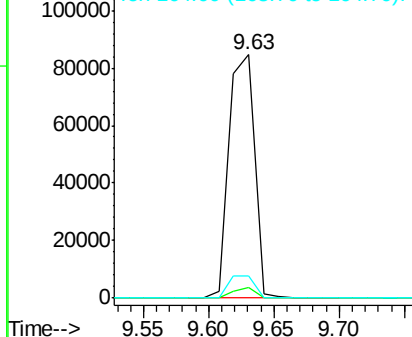


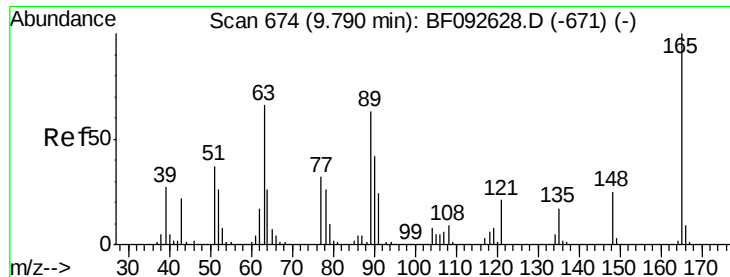
#49
Dimethylphthalate
Concen: 5.29 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Tgt Ion:163 Resp: 114965
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

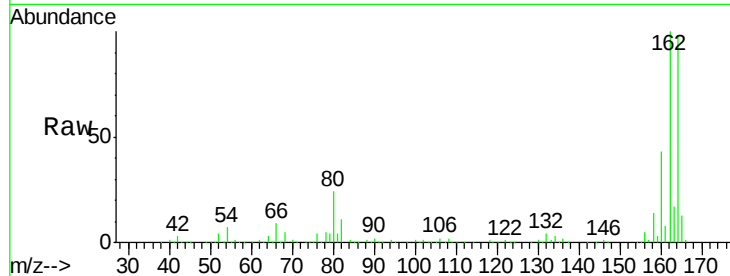




#50
 2,6-Dinitrotoluene
 Concen: 9.30 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.19 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :

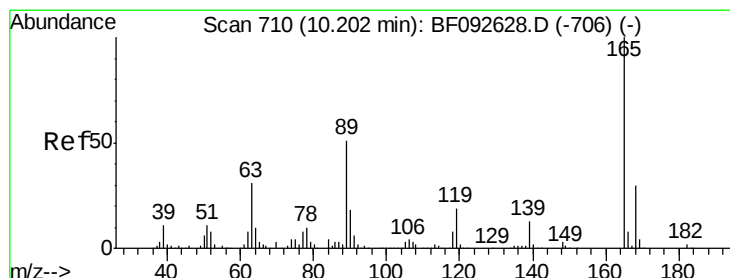
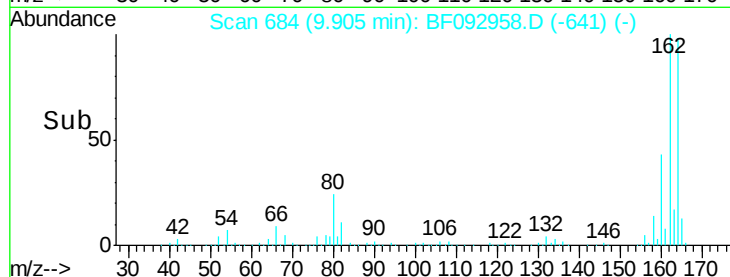
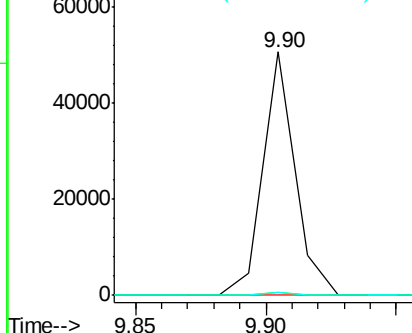
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.3	40.2	60.4#



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: 6.99 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.22 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

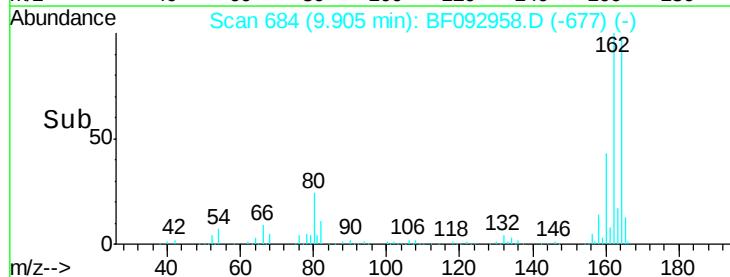
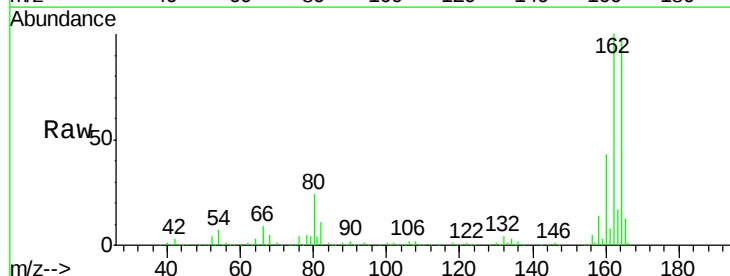
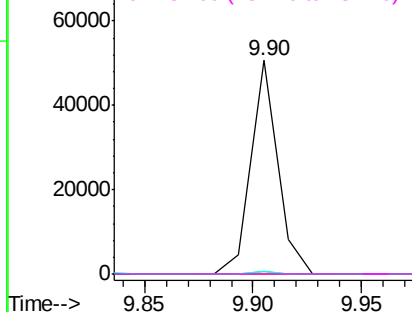
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

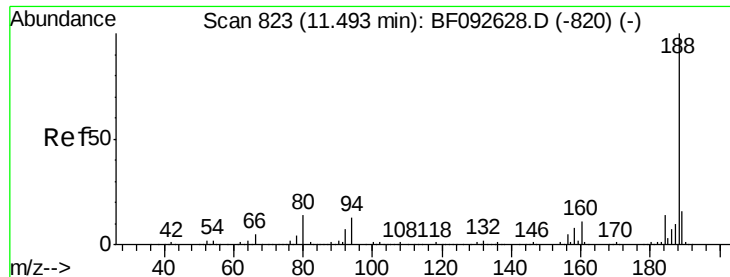
Abundance Ion 165.00 (164.70 to 165.70): E

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

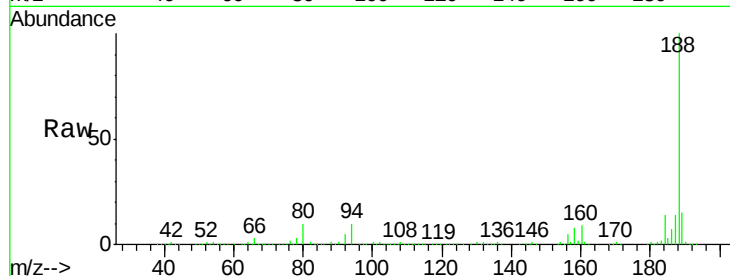




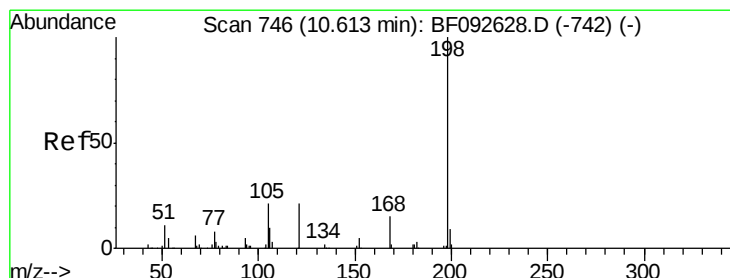
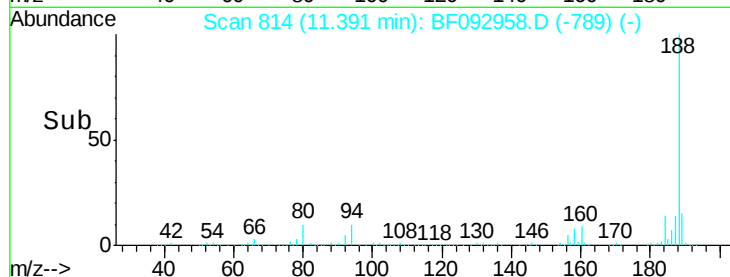
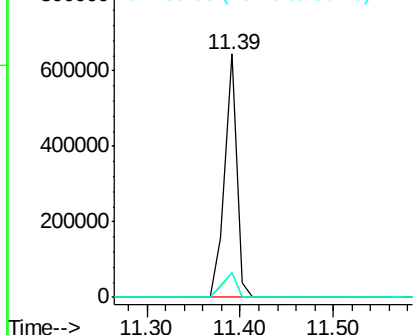
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 583548
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 10.4 11.2 16.8#

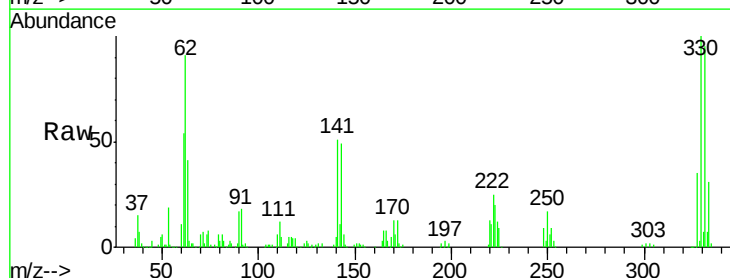


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

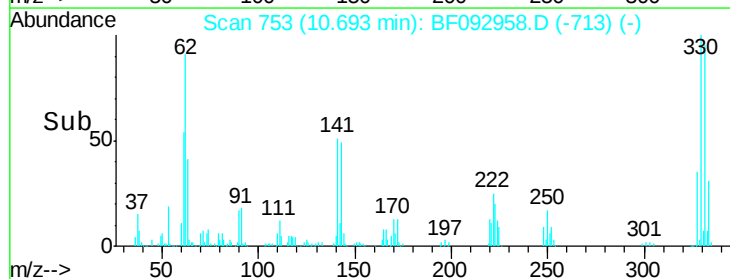
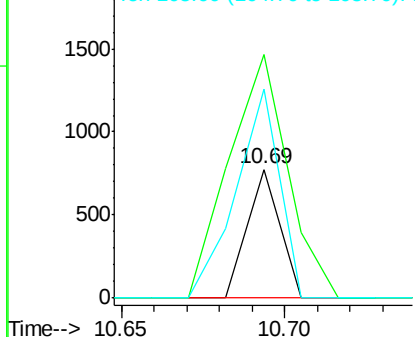


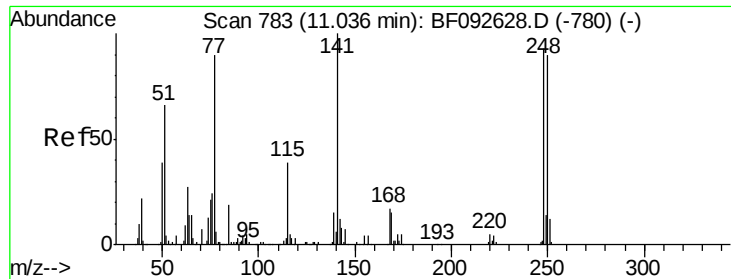
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Tgt Ion:198 Resp: 531
Ion Ratio Lower Upper
198 100
51 189.0 6.7 46.7#
105 162.3 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

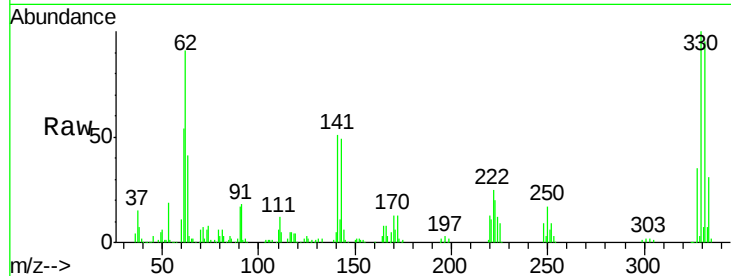




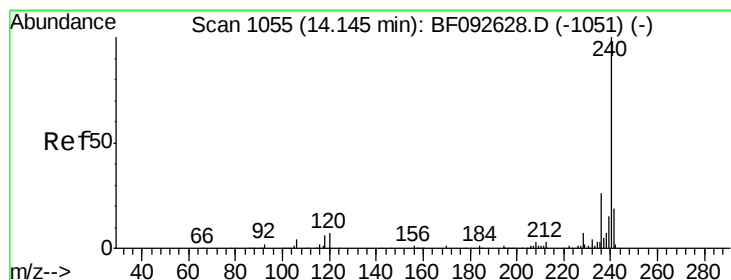
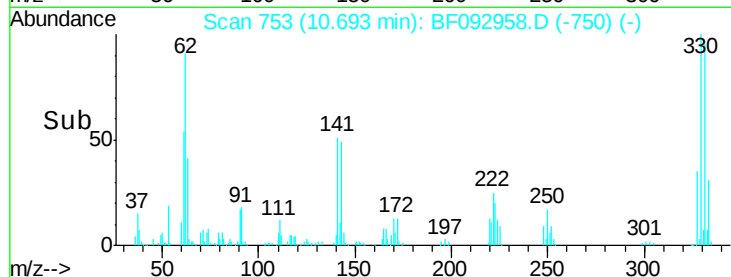
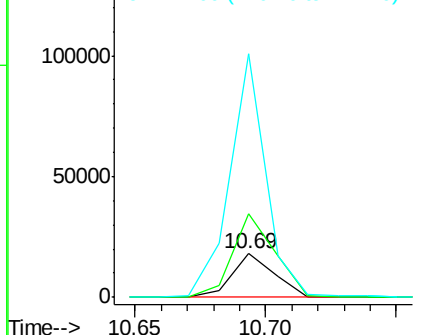
#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20029
Ion Ratio Lower Upper
248 100
250 190.7 76.9 115.3#
141 557.9 68.2 102.4#

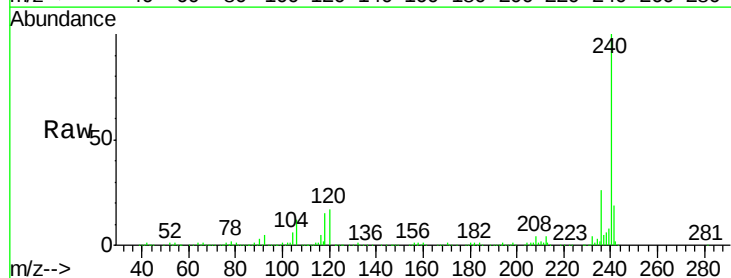


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

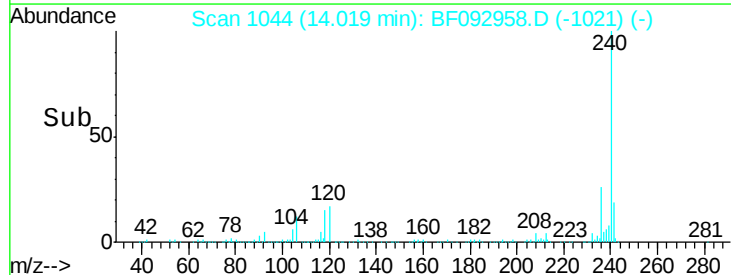
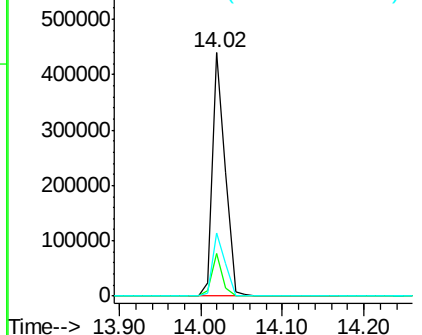


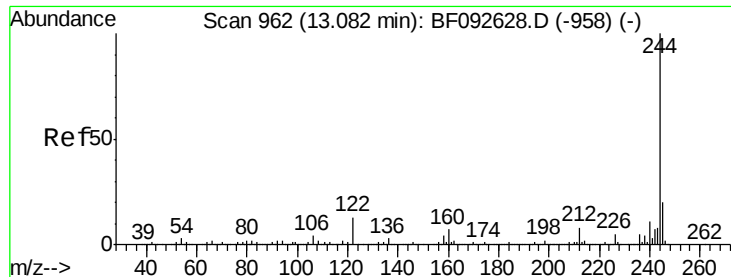
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092958.D
Acq: 15 Feb 2017 18:36

Tgt Ion:240 Resp: 481119
Ion Ratio Lower Upper
240 100
120 17.4 12.9 19.3
236 26.1 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

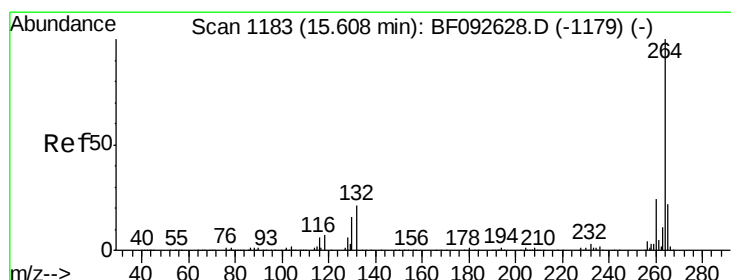
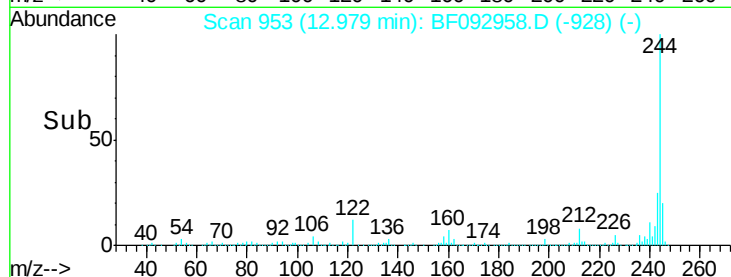
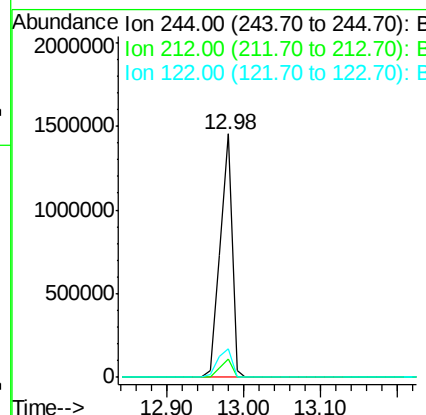
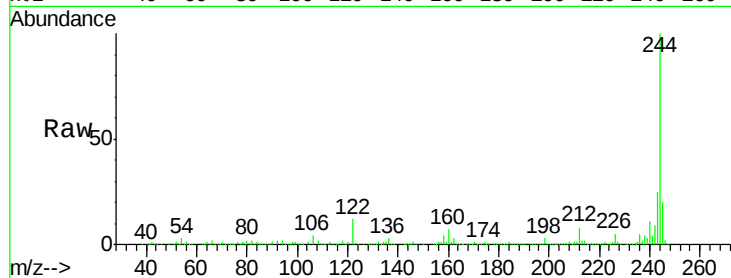




#78
 Terphenyl-d14
 Concen: 76.42 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092958.D
 Acq: 15 Feb 2017 18:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1564880
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.5 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: BF092958.D
 Acq: 15 Feb 2017 18:36

Tgt Ion:264 Resp: 438948
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.0 17.4 26.0

