

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092957.D
 Acq On : 15 Feb 2017 18:08
 Operator : SJ/MA
 Sample : I1835-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:31:30 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

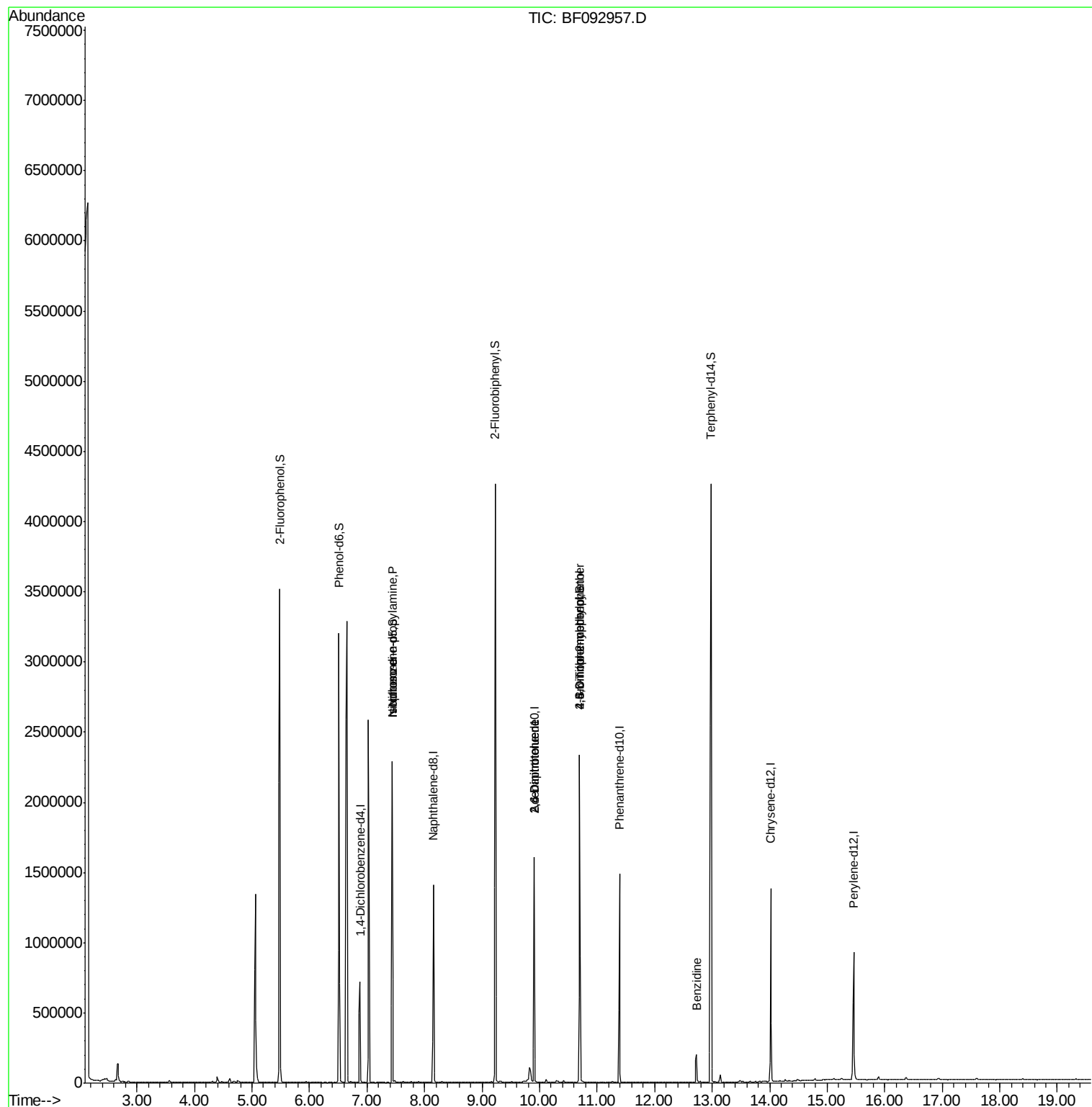
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	143866	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	599613	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	328071	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	569153	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	475074	20.00	ng	-0.03
86) Perylene-d12	15.46	264	416405	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1132788	135.09	ng	0.00
7) Phenol-d6	6.51	99	1197530	110.99	ng	-0.02
23) Nitrobenzene-d5	7.44	82	840845	78.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	337320	142.16	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1468416	81.09	ng	-0.01
78) Terphenyl-d14	12.98	244	1577957	78.04	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	107623	15.67	ng	# 81
25) Isophorone	7.44	82	709606	35.37	ng	# 65
50) 2,6-Dinitrotoluene	9.90	165	42609	8.93	ng	# 30
56) 2,4-Dinitrotoluene	9.90	165	42611	6.71	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.69	198	488	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	23084	3.88	ng	# 1
76) Benizidine	12.73	184	110169	5.44	ng	# 94

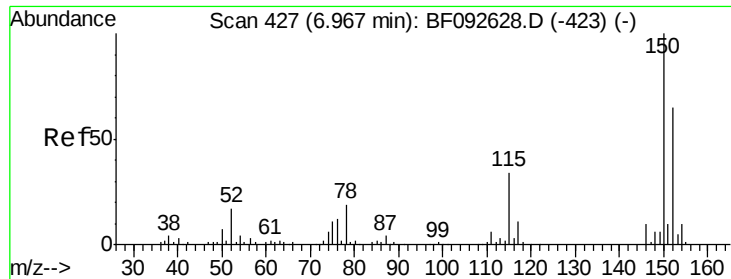
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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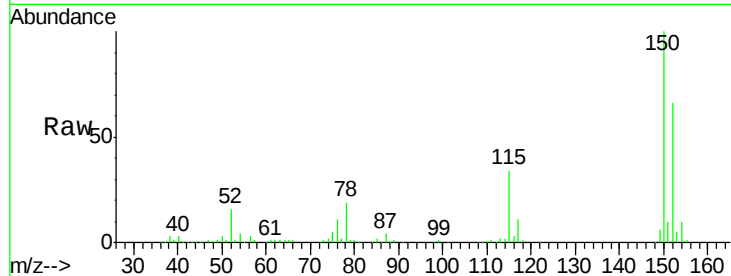


#1

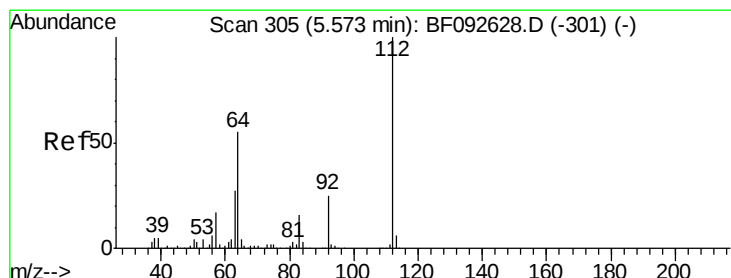
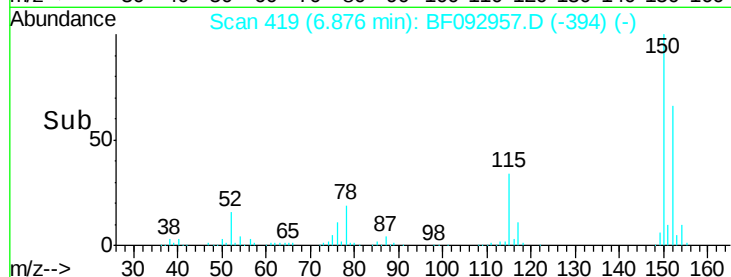
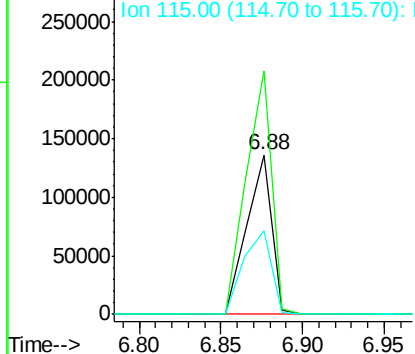
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143866
Ion Ratio Lower Upper
152 100
150 152.6 124.9 187.3
115 52.4 46.0 69.0



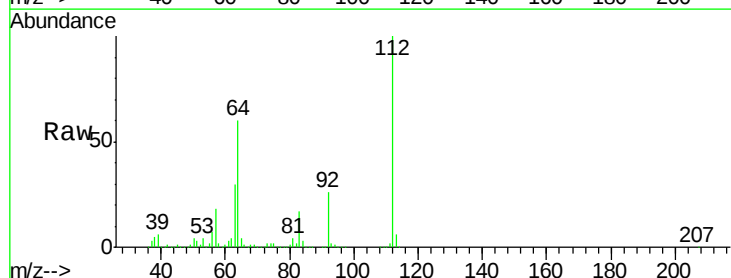
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



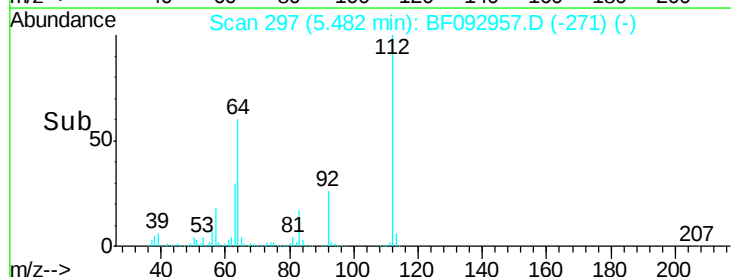
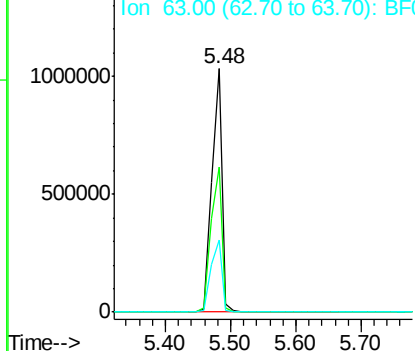
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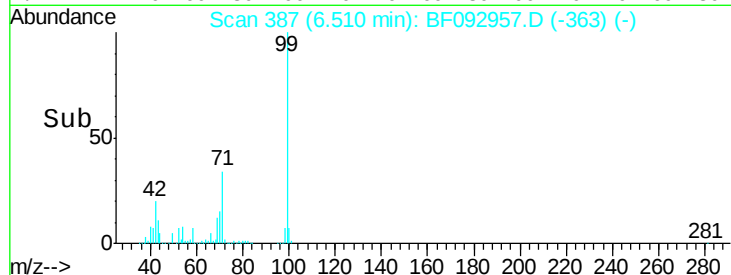
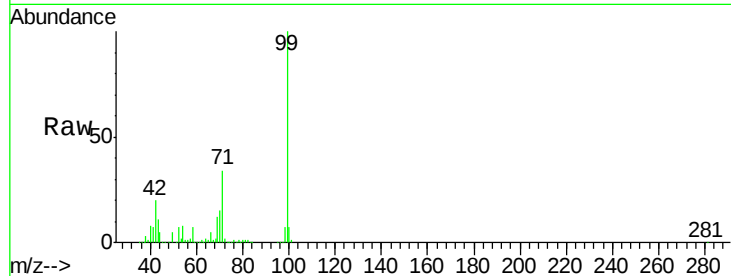
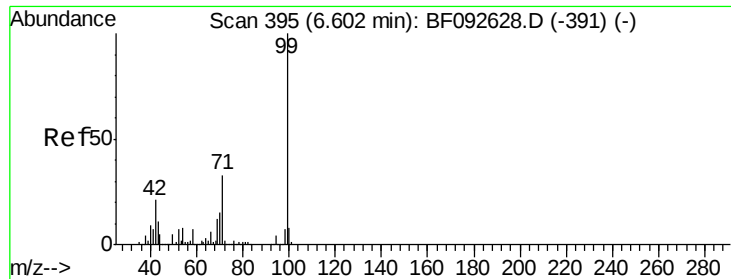
2-Fluorophenol
Concen: 135.09 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Tgt Ion:112 Resp: 1132788
Ion Ratio Lower Upper
112 100
64 59.7 46.1 69.1
63 29.8 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: 110.99 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

Instrument :

BNA_F

ClientSampleId :

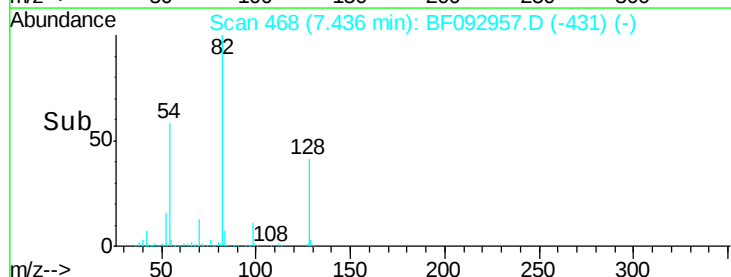
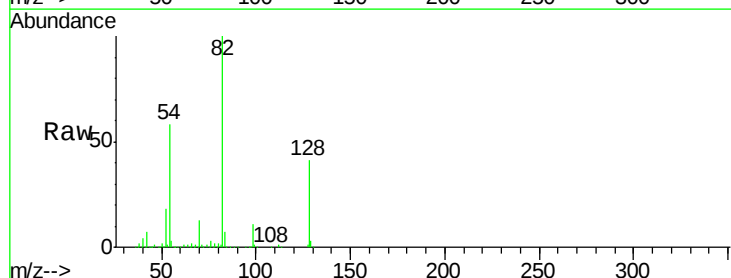
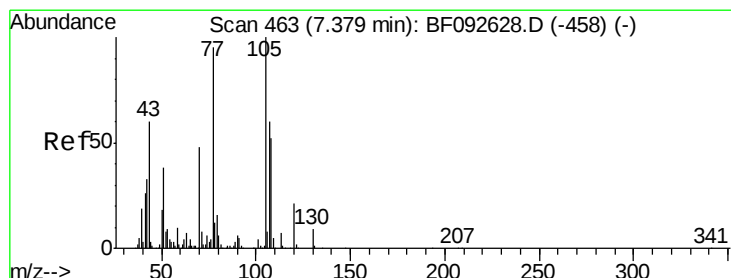
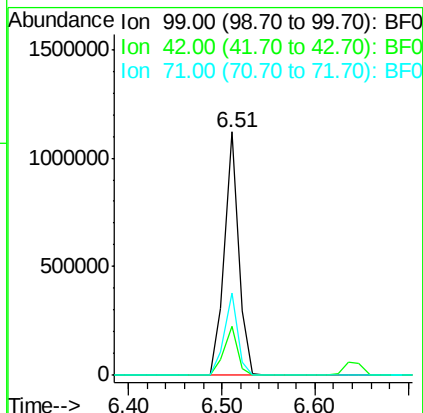
Tot Ion: 99 Resp: 1197530

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 33.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.67 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

Tgt Ion: 70 Resp: 107623

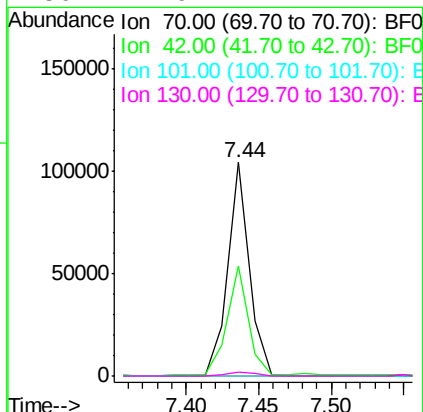
Ion Ratio Lower Upper

70 100

42 51.7 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

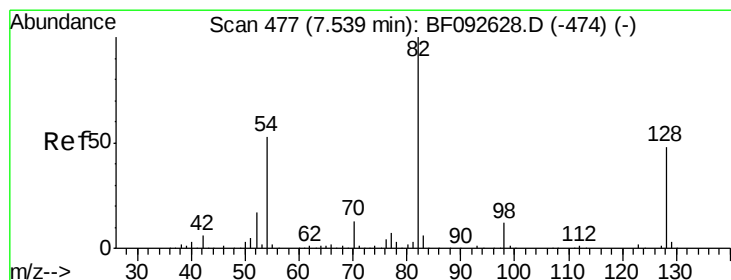
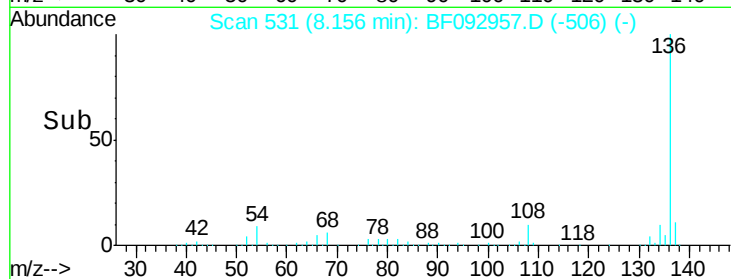
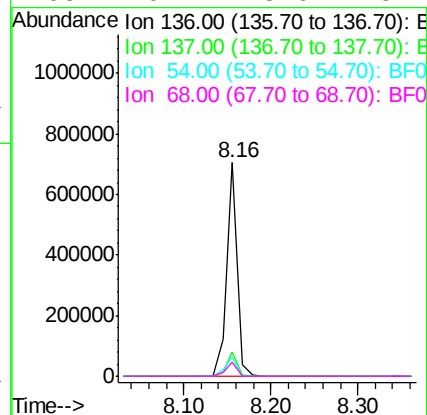
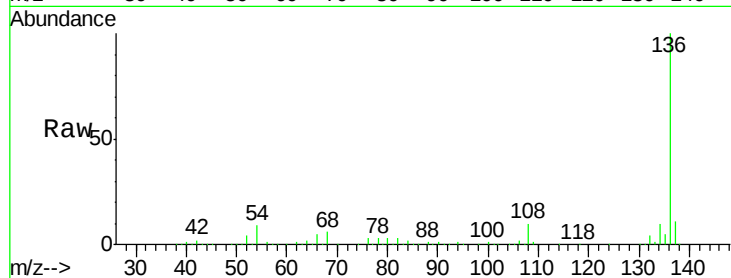




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

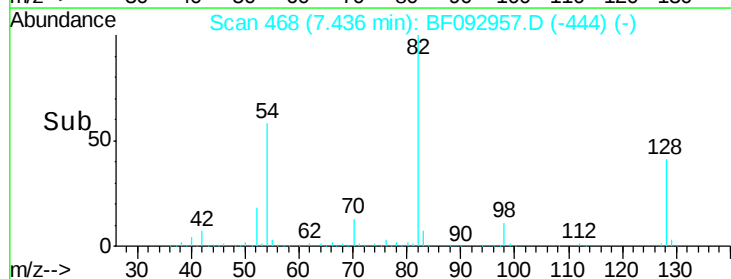
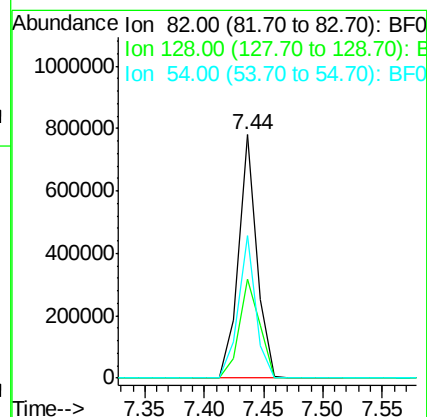
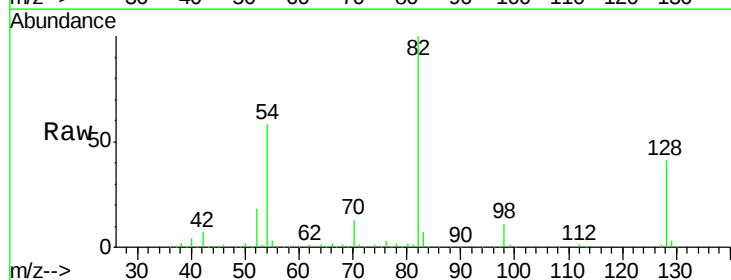
Instrument :
BNA_F
ClientSampleId :

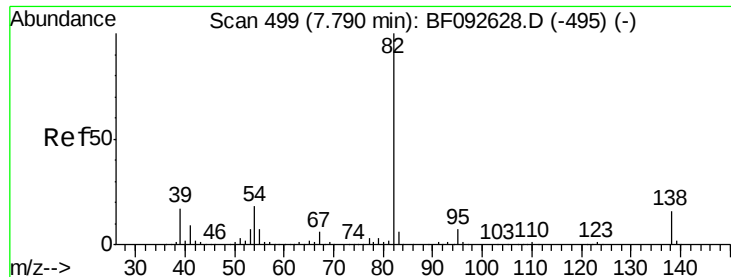
Tot Ion:	136	Resp:	599613
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.8	4.5	6.7#
68	6.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 78.09 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Tgt Ion:	82	Resp:	840845
Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	52.0
54	58.3	39.5	59.3





#25

Isophorone

Concen: 35.37 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

Instrument :

BNA_F

ClientSampleId :

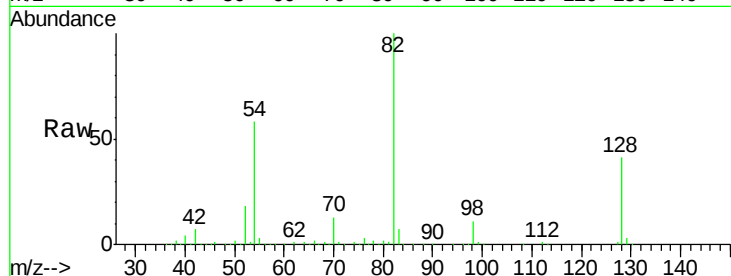
Tot Ion: 82 Resp: 709606

Ion Ratio Lower Upper

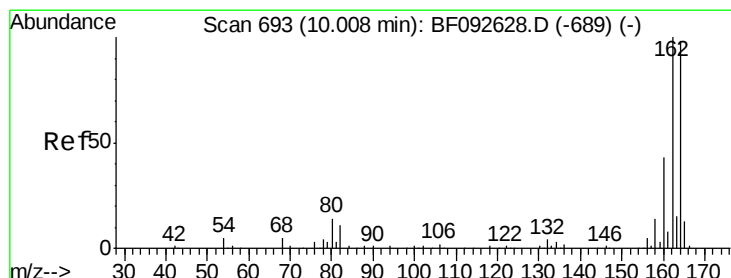
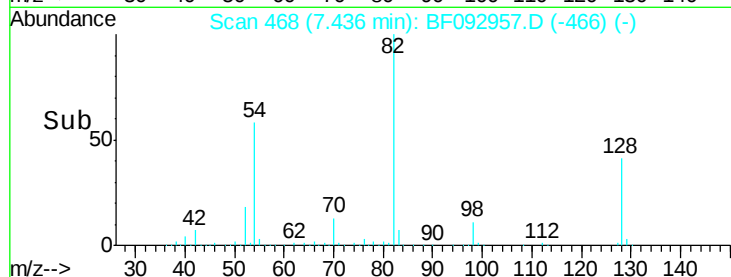
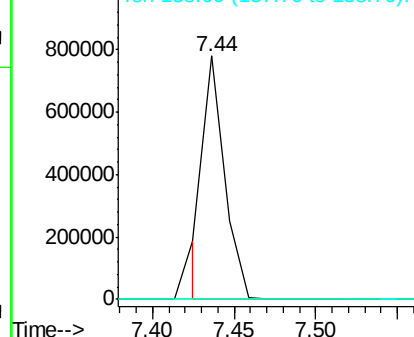
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

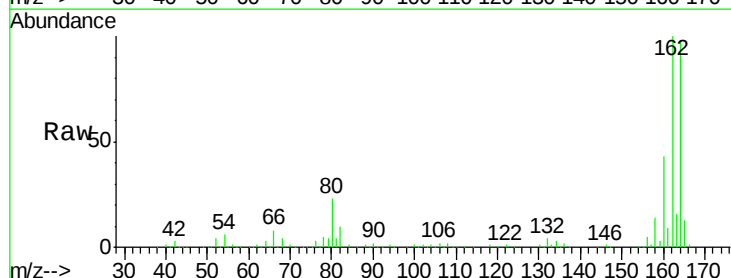
Tgt Ion:164 Resp: 328071

Ion Ratio Lower Upper

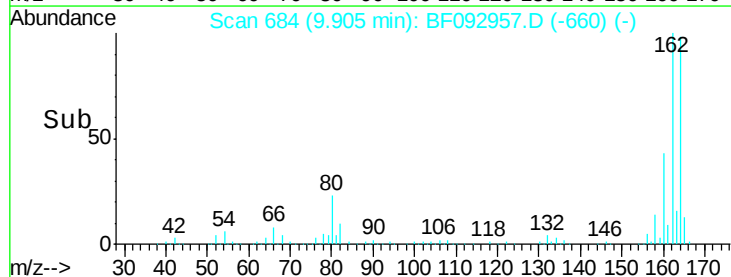
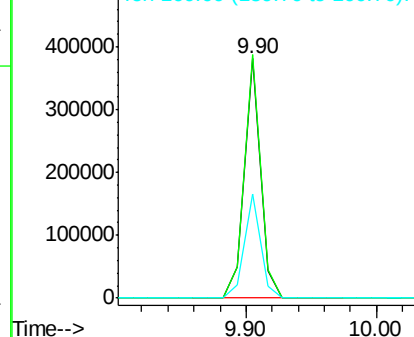
164 100

162 101.7 80.2 120.2

160 43.4 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

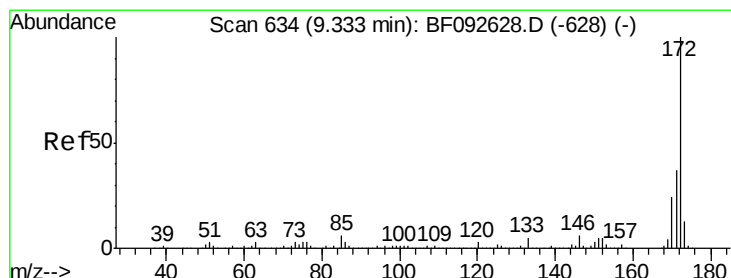
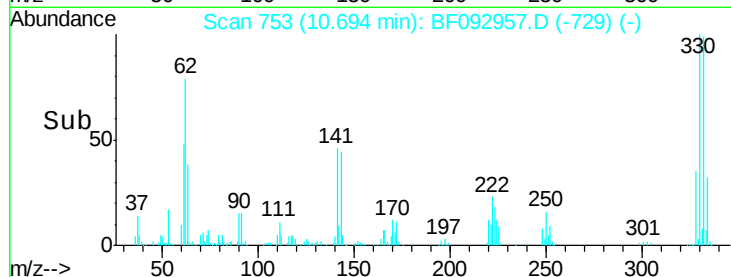
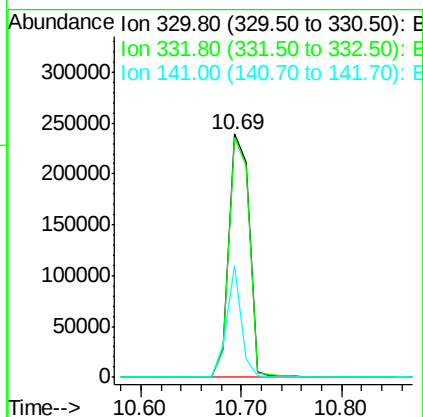
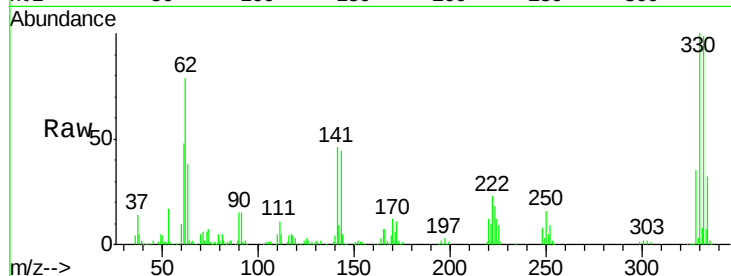




#41
 2,4,6-Tribromophenol
 Concen: 142.16 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092957.D
 Acq: 15 Feb 2017 18:08

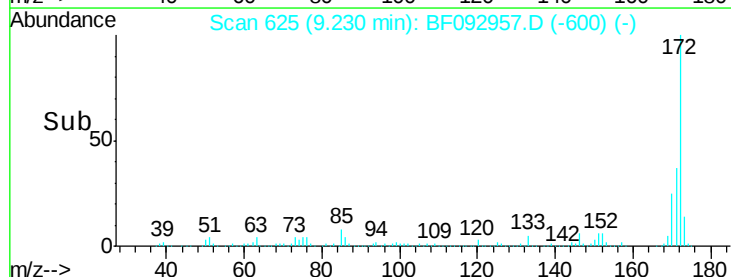
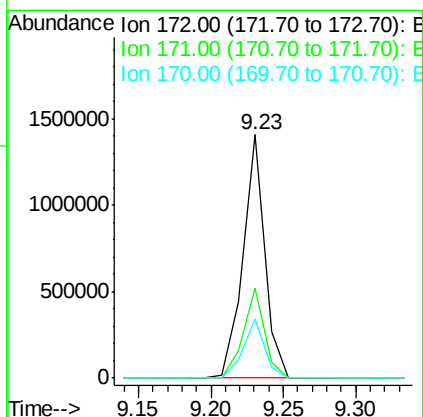
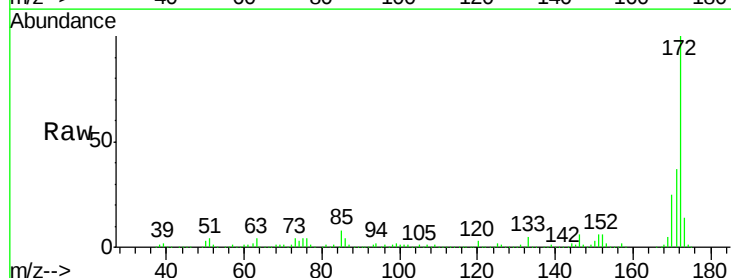
Instrument :
 BNA_F
 ClientSampleId :

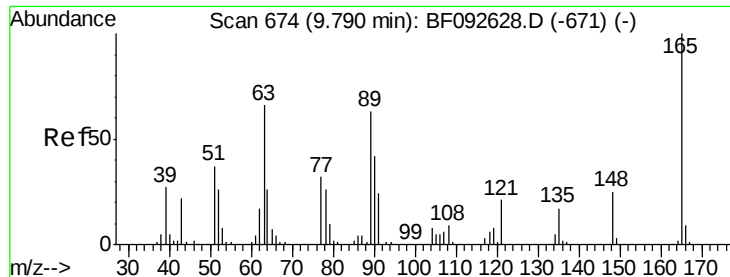
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	33.3	34.1	51.1#



#44
 2-Fluorobiphenyl
 Concen: 81.09 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092957.D
 Acq: 15 Feb 2017 18:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.6	20.2	30.4

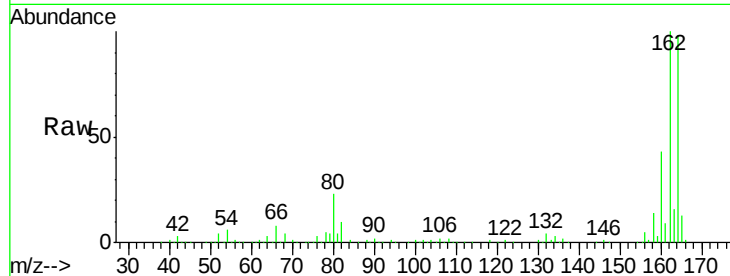




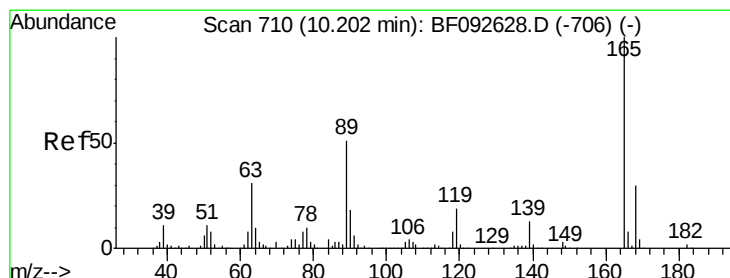
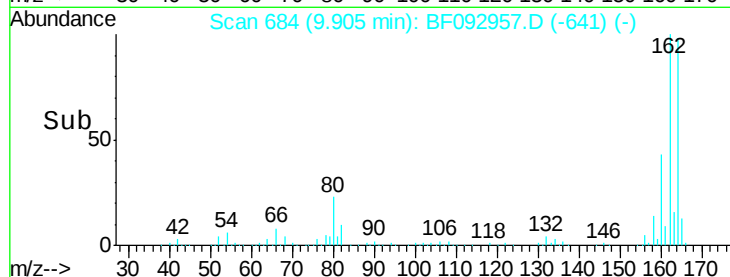
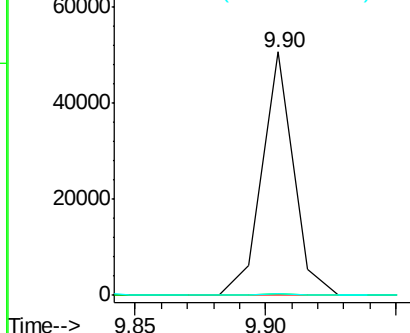
#50
2,6-Dinitrotoluene
Concen: 8.93 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 42609
Ion Ratio Lower Upper
165 100
63 0.8 36.2 54.4#
89 0.9 40.2 60.4#

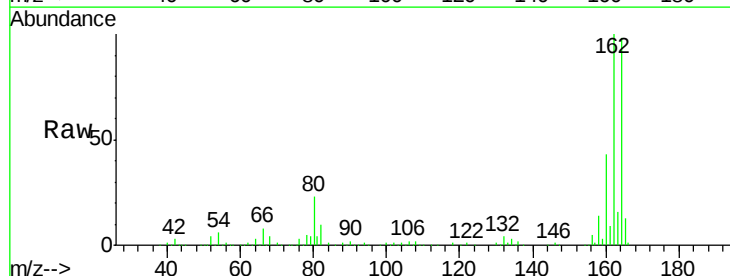


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

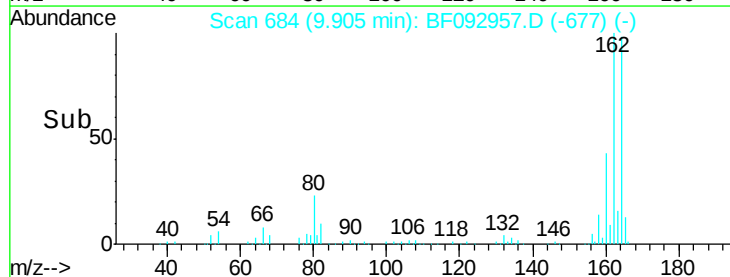
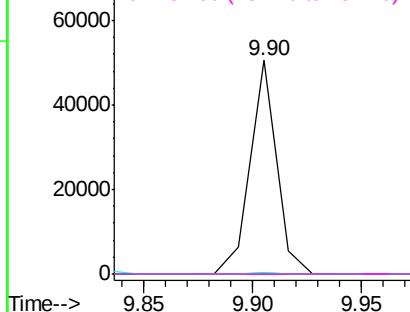


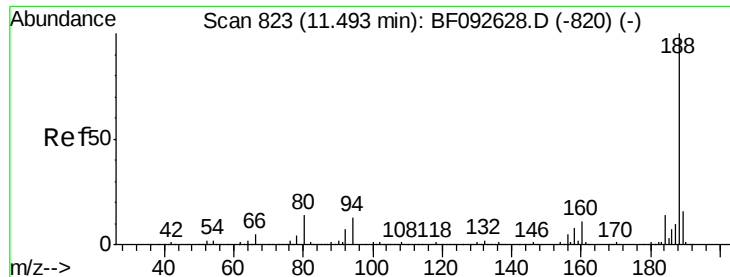
#56
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Tgt Ion:165 Resp: 42611
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

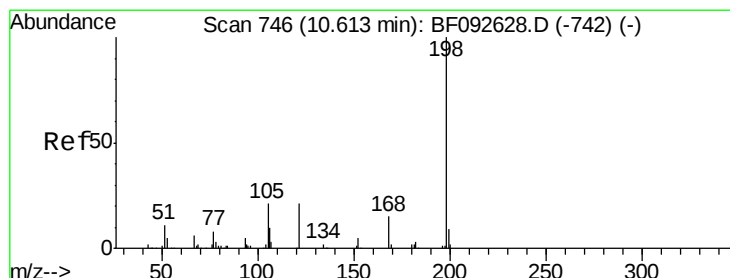
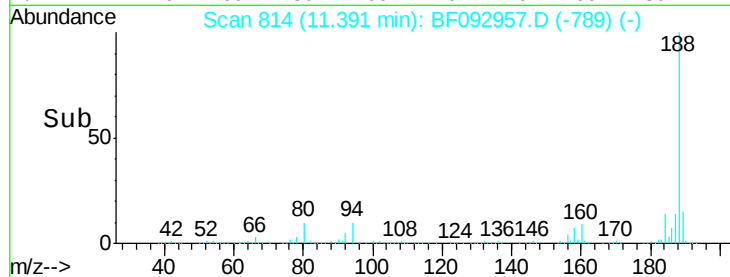
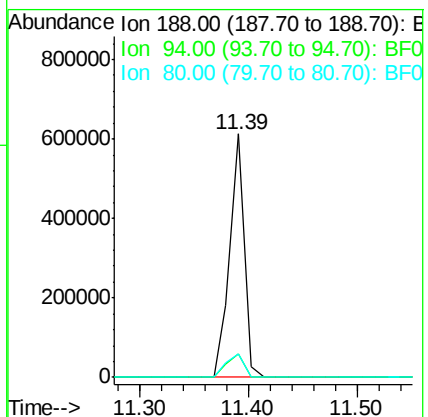
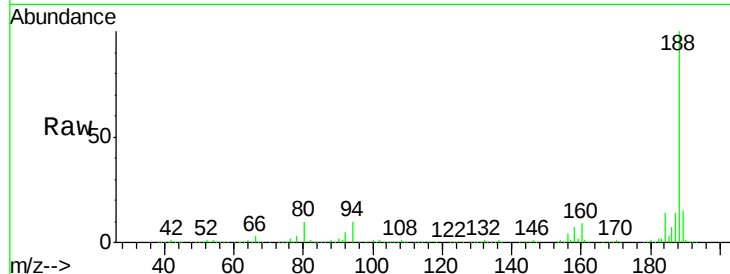




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

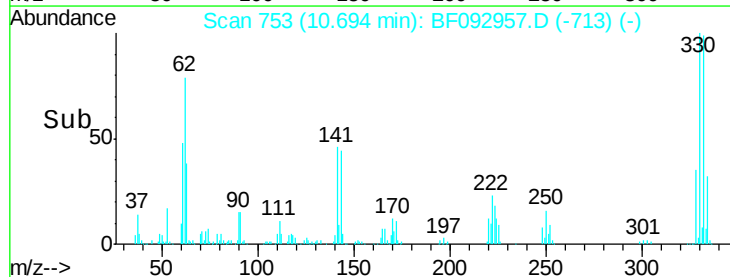
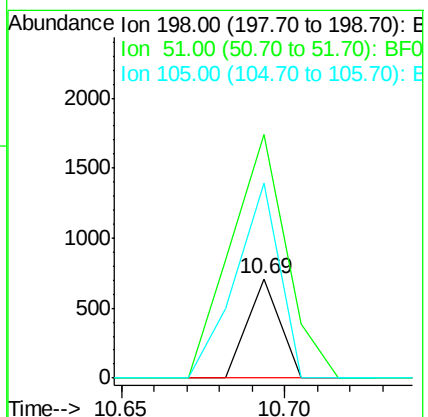
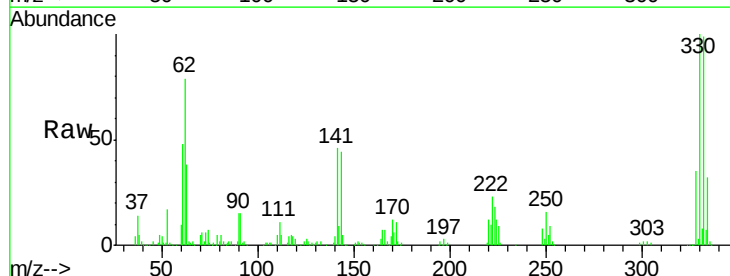
Instrument :
BNA_F
ClientSampleId :

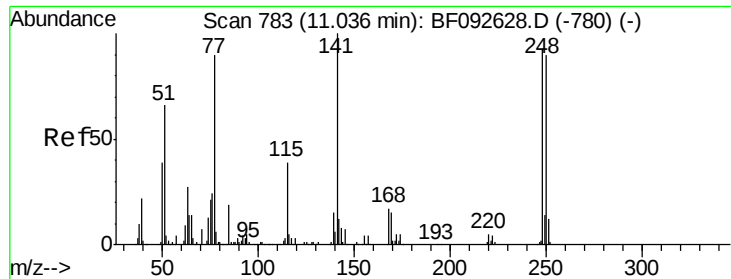
Tot Ion:188 Resp: 569153
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 9.7 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Tgt Ion:198 Resp: 488
Ion Ratio Lower Upper
198 100
51 244.6 6.7 46.7#
105 196.3 16.6 56.6#

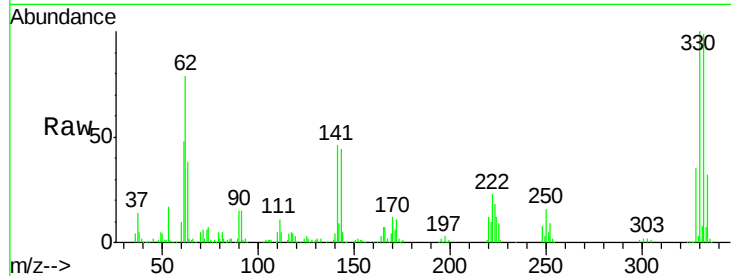




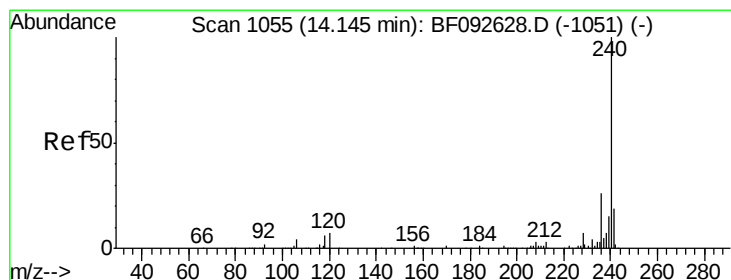
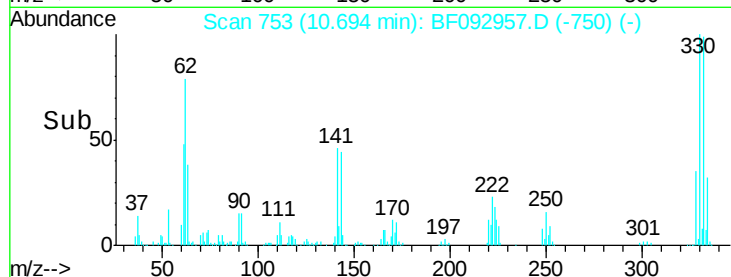
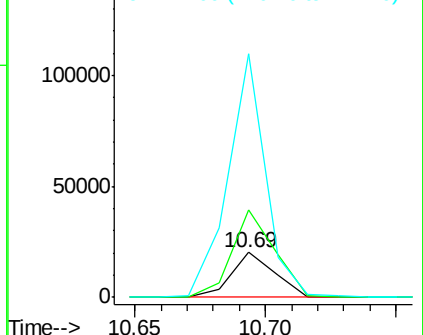
#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 23084
Ion Ratio Lower Upper
248 100
250 194.5 76.9 115.3#
141 545.1 68.2 102.4#

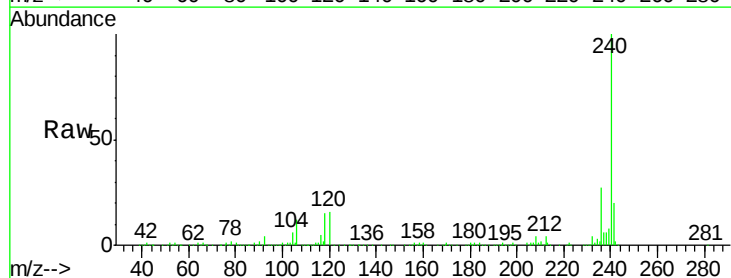


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

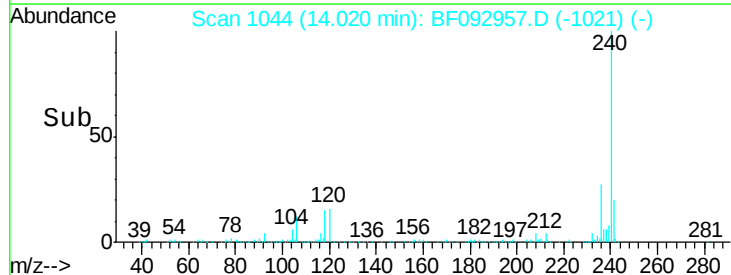
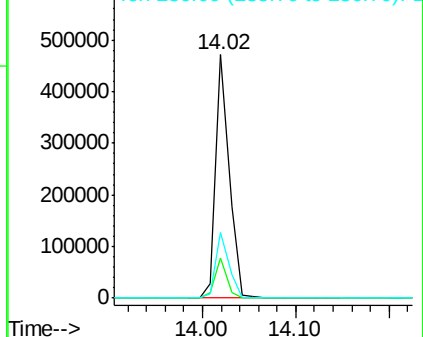


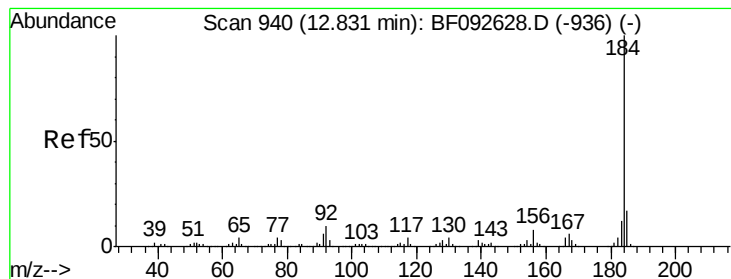
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Tgt Ion:240 Resp: 475074
Ion Ratio Lower Upper
240 100
120 16.5 12.9 19.3
236 27.1 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





#76

Benzidine

Concen: 5.44 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

Instrument :

BNA_F

ClientSampleId :

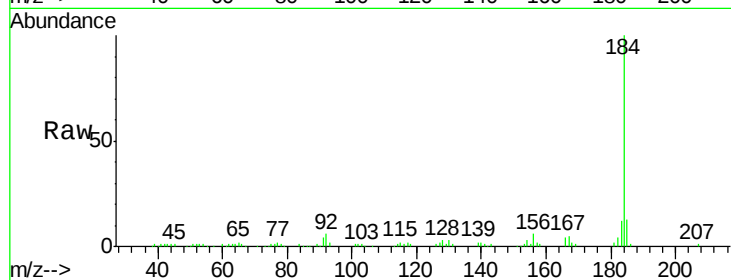
Tot Ion:184 Resp: 110169

Ion Ratio Lower Upper

184 100

185 13.3 13.4 20.0#

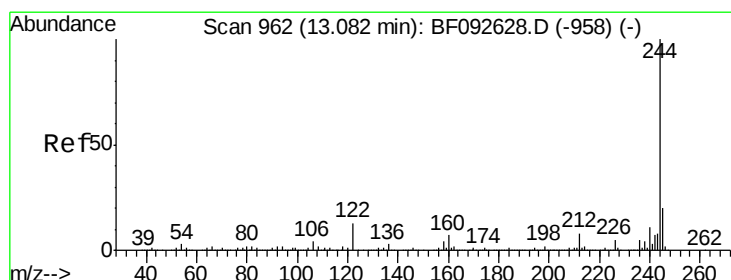
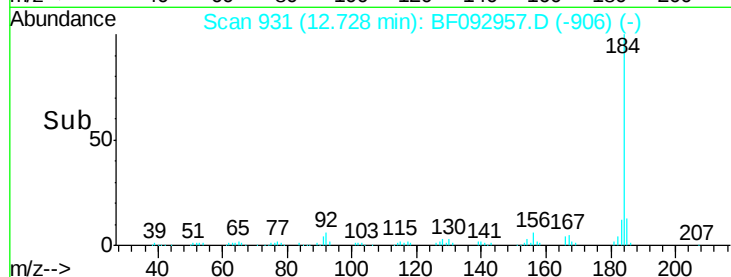
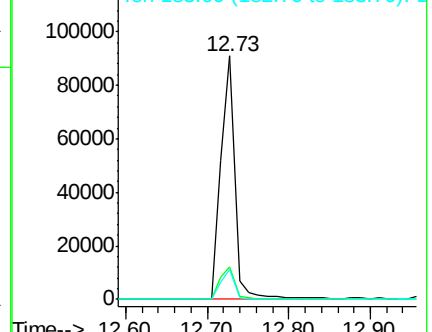
183 12.4 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 78.04 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092957.D

Acq: 15 Feb 2017 18:08

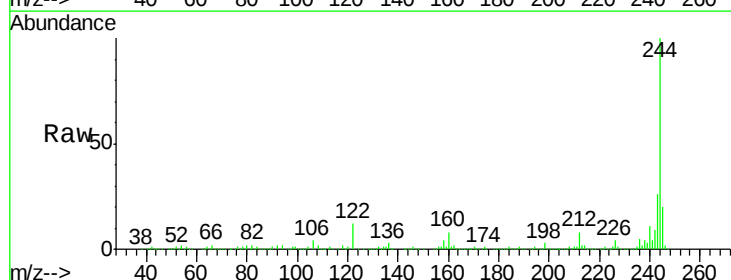
Tgt Ion:244 Resp: 1577957

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

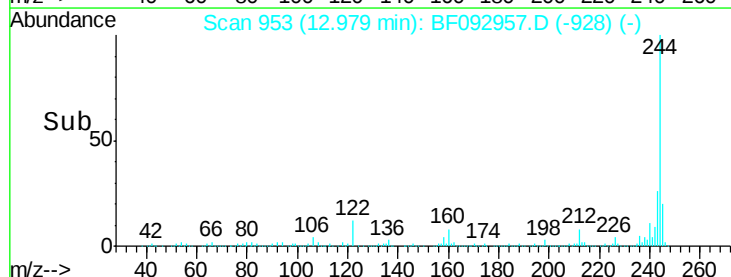
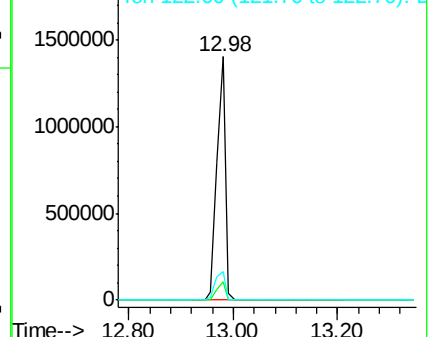
122 11.6 11.4 17.2

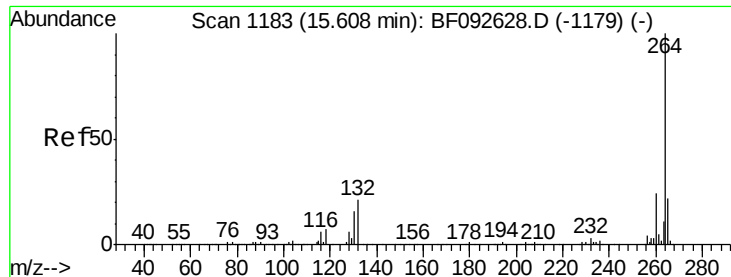


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

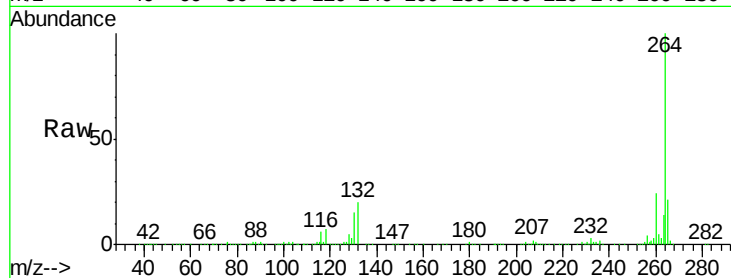




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092957.D
Acq: 15 Feb 2017 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	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

