

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093289.D
 Acq On : 1 Mar 2017 15:03
 Operator : SJ/MA
 Sample : PB97251BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97251BL

Quant Time: Mar 02 00:02:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

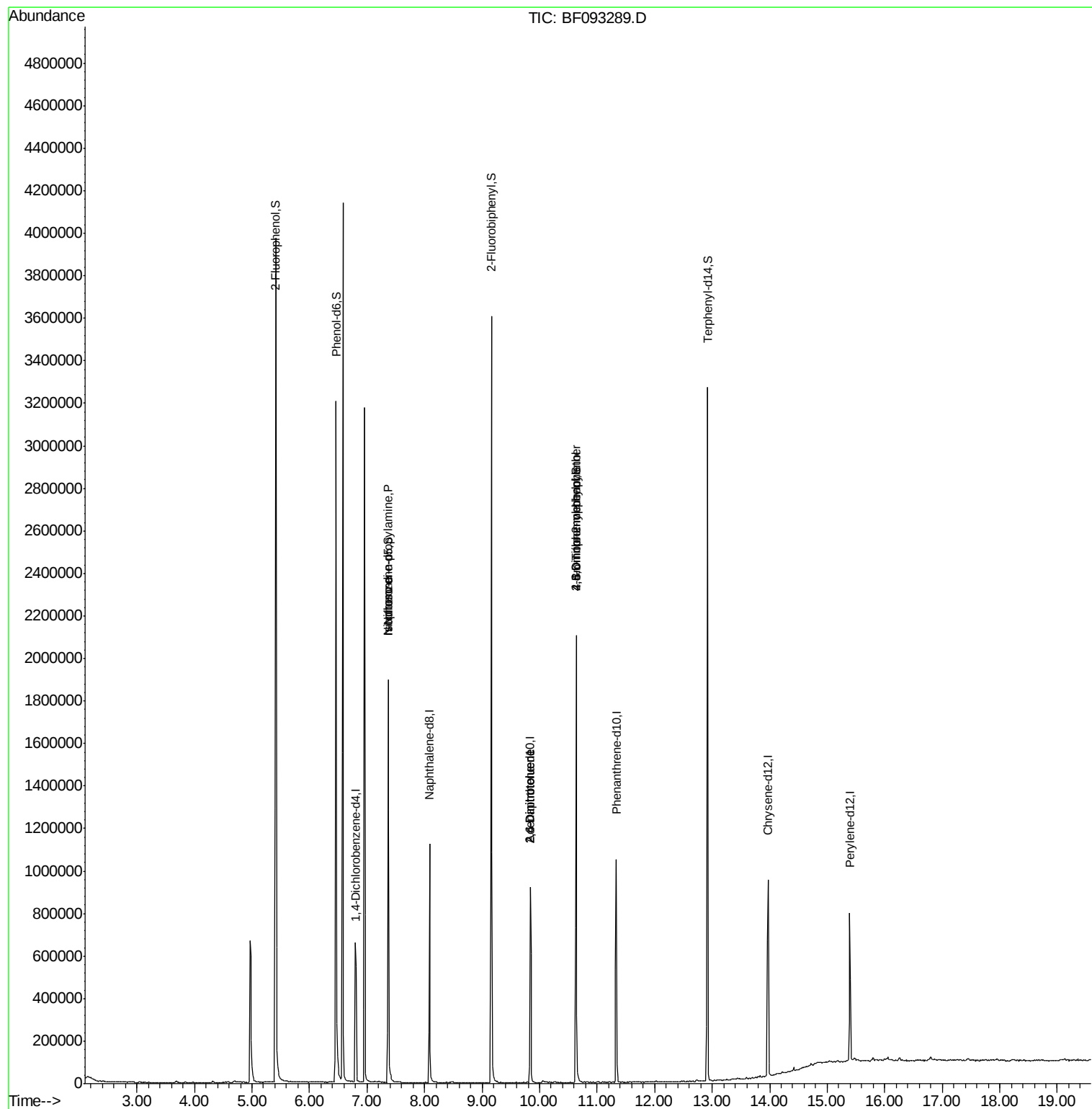
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138272	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	531309	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	239986	20.00	ng	-0.06
63) Phenanthrene-d10	11.33	188	469246	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	419253	20.00	ng	-0.05
86) Perylene-d12	15.39	264	317299	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1167795	144.90	ng	-0.03
7) Phenol-d6	6.46	99	1566432	151.05	ng	-0.02
23) Nitrobenzene-d5	7.37	82	843962	88.46	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	247960	142.86	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1353782	102.20	ng	-0.06
78) Terphenyl-d14	12.92	244	1373906	77.00	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	109010	16.51	ng	# 84
25) Isophorone	7.37	82	790288	44.45	ng	# 65
50) 2,6-Dinitrotoluene	9.84	165	29257	8.38	ng	# 31
56) 2,4-Dinitrotoluene	9.84	165	29258	6.30	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	386	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	18980	3.87	ng	# 1

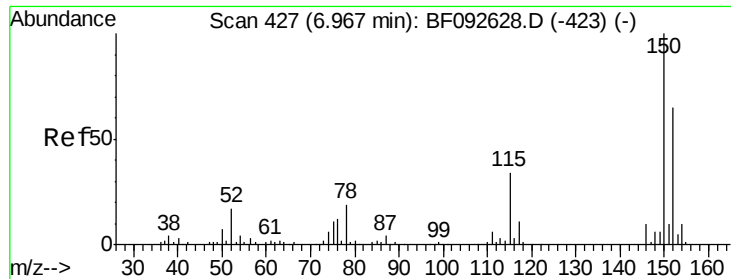
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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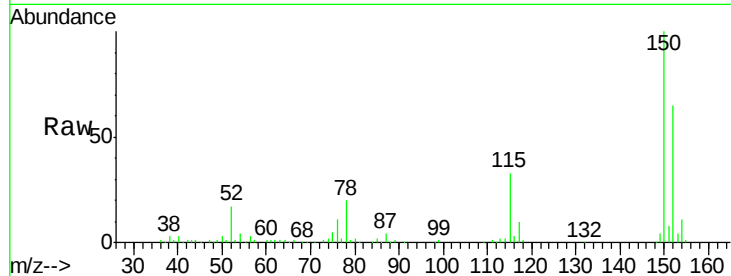




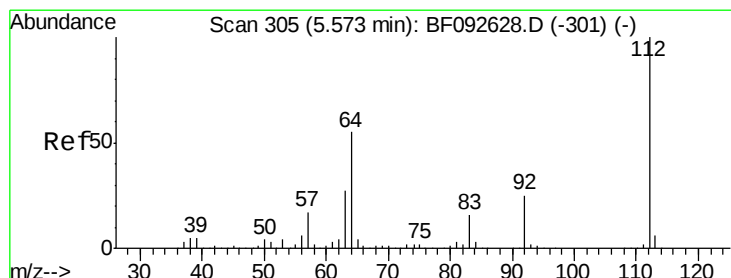
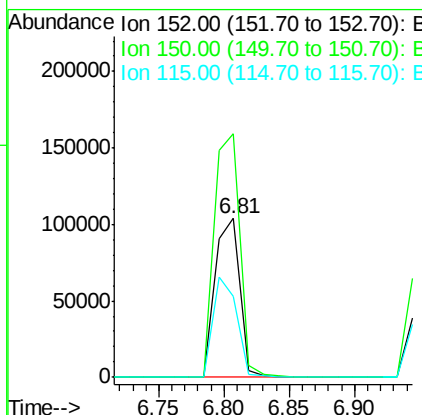
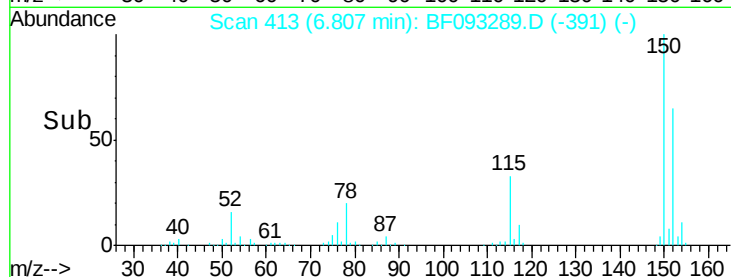
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97251BL

Tgt Ion:152 Resp: 138272
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.9 187.3
 115 50.8 46.0 69.0

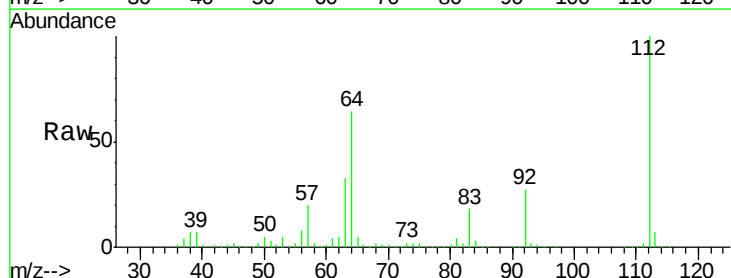


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

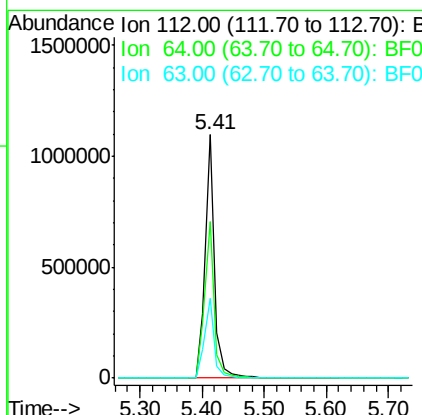
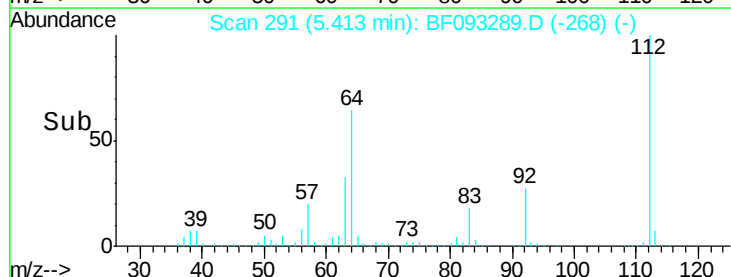


#5
 2-Fluorophenol
 Concen: 144.90 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Tgt Ion:112 Resp: 1167795
 Ion Ratio Lower Upper
 112 100
 64 64.1 46.1 69.1
 63 32.6 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: 151.05 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

Instrument :

BNA_F

ClientSampleId :

PB97251BL

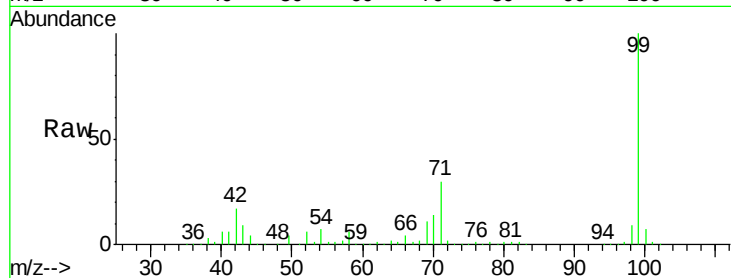
Tgt Ion: 99 Resp: 1566432

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

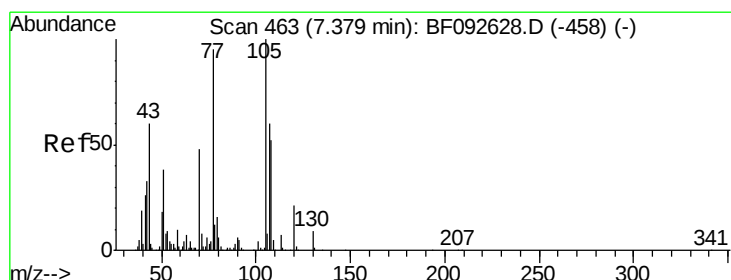
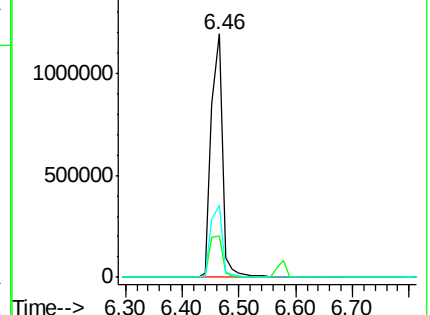
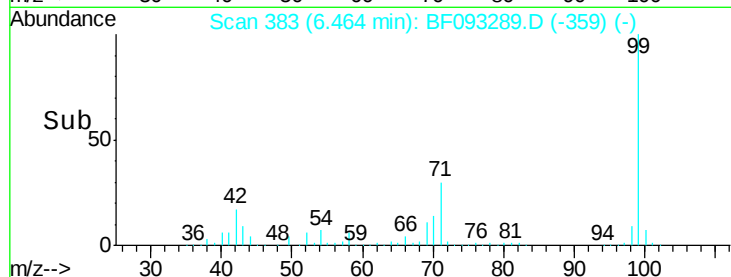
71 29.5 27.5 41.3



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: 16.51 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

Tgt Ion: 70 Resp: 109010

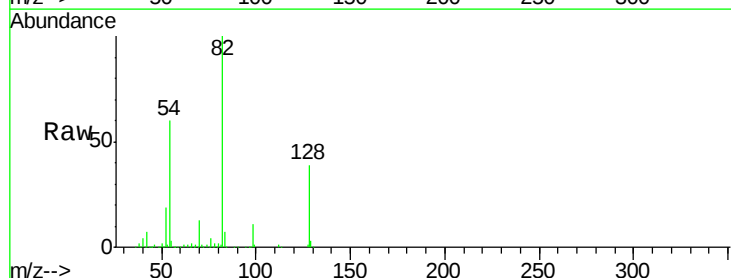
Ion Ratio Lower Upper

70 100

42 55.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

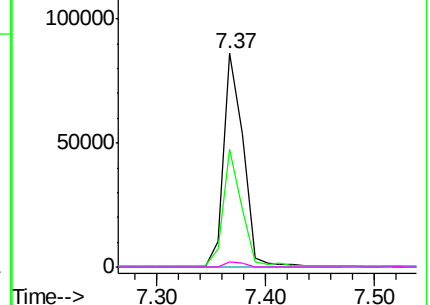
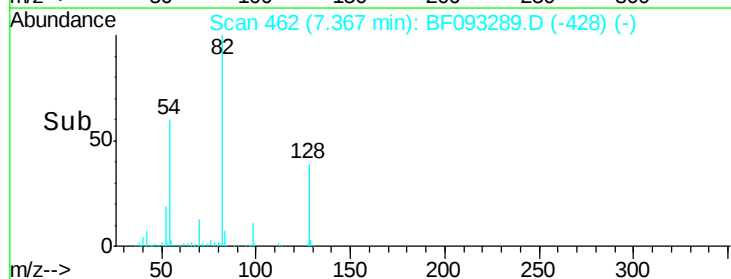


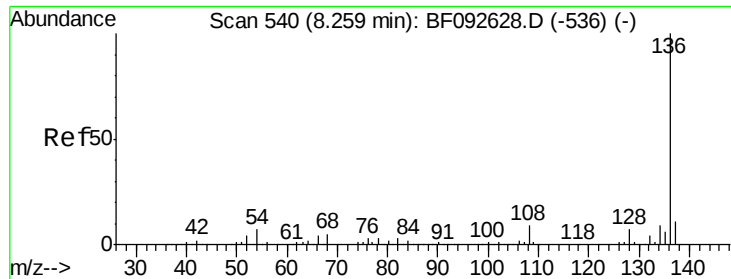
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

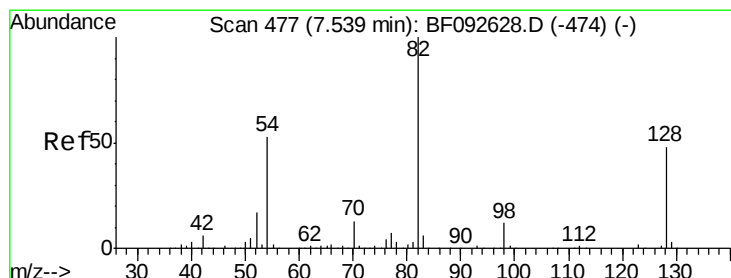
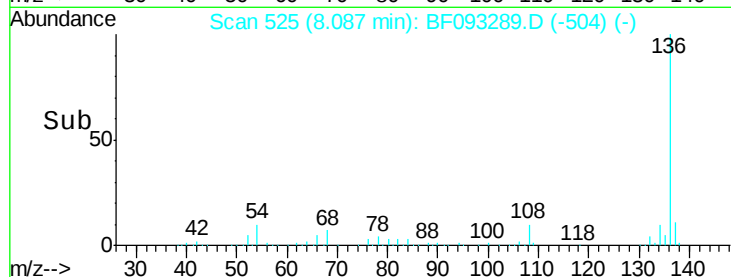
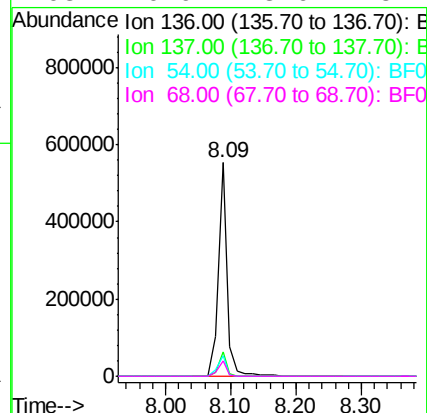
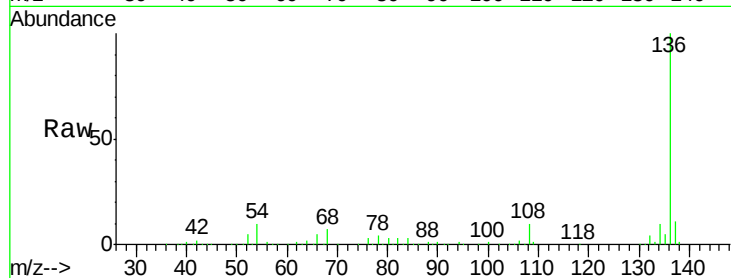




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

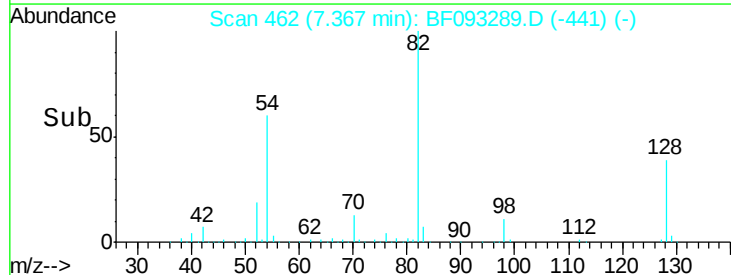
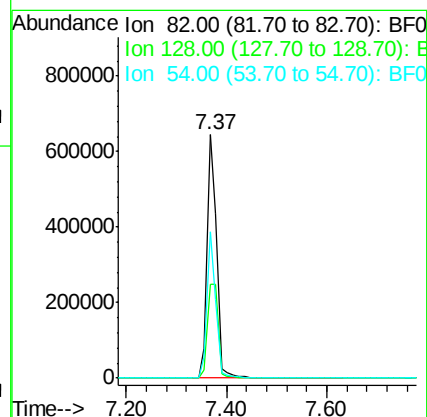
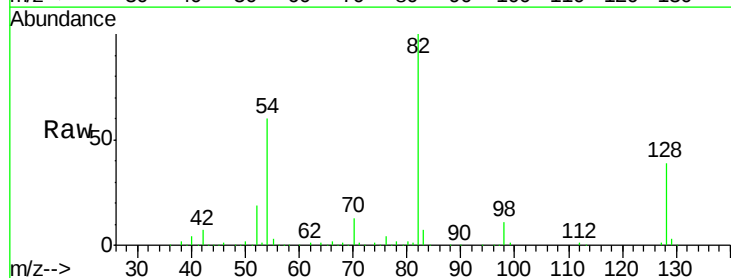
Instrument :
BNA_F
ClientSampleId :
PB97251BL

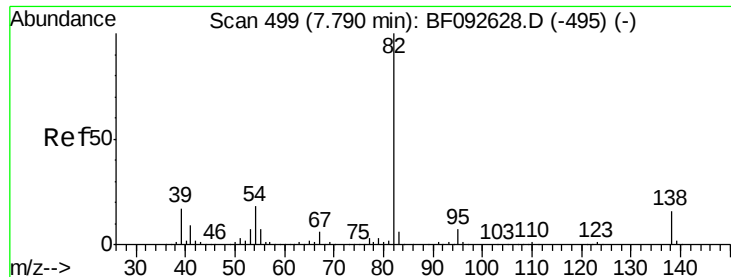
Tgt Ion:	136	Resp:	531309
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.7	4.5	6.7#
68	6.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 88.46 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:	82	Resp:	843962
Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.6	52.0
54	60.0	39.5	59.3#





#25

Isophorone

Concen: 44.45 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.32 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

Instrument :

BNA_F

ClientSampleId :

PB97251BL

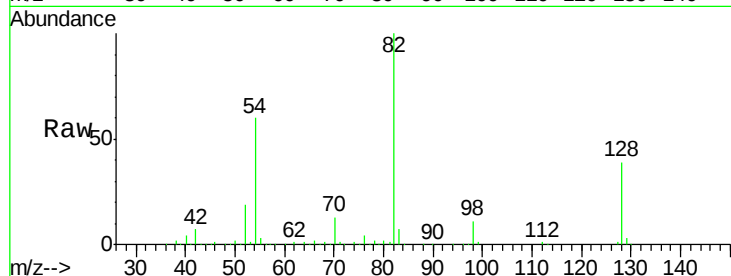
Tgt Ion: 82 Resp: 790288

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

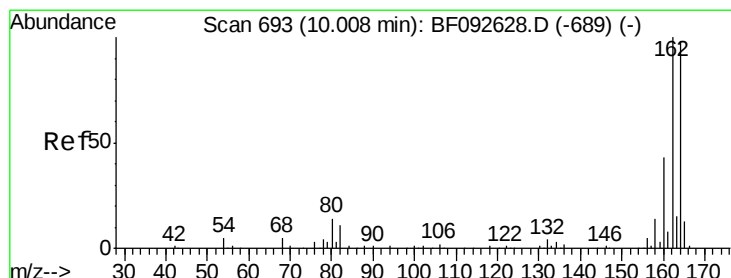
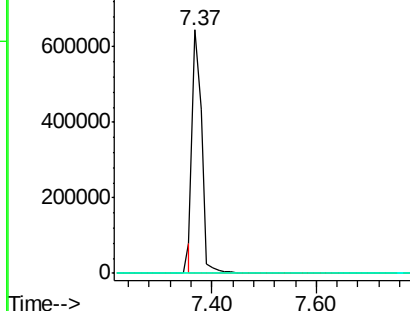
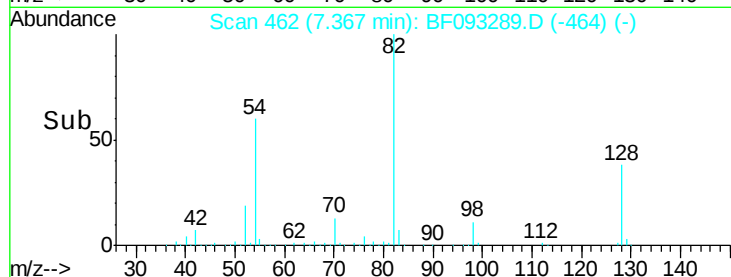
138 0.0 14.6 22.0#



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: 9.84 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

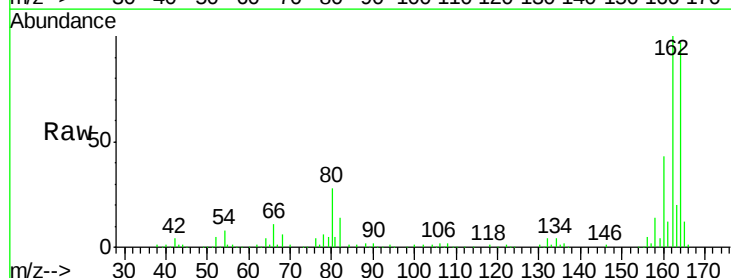
Tgt Ion: 164 Resp: 239986

Ion Ratio Lower Upper

164 100

162 102.8 80.2 120.2

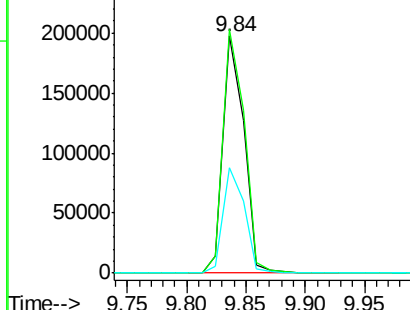
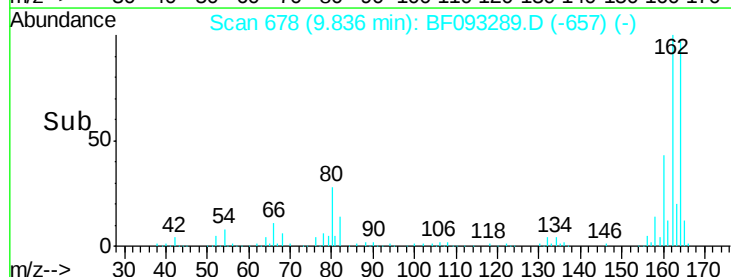
160 44.3 36.9 55.3

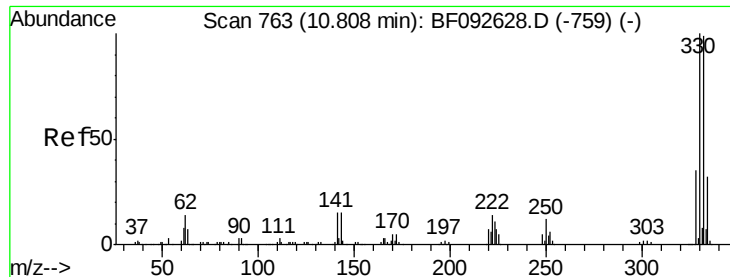


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

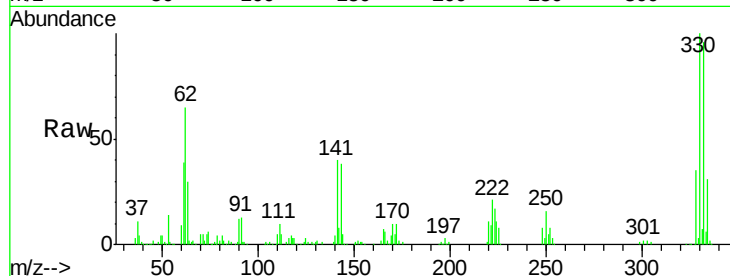




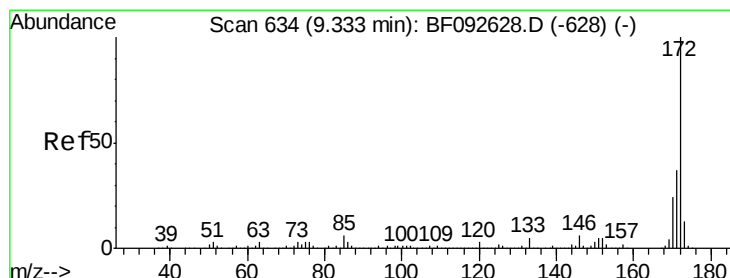
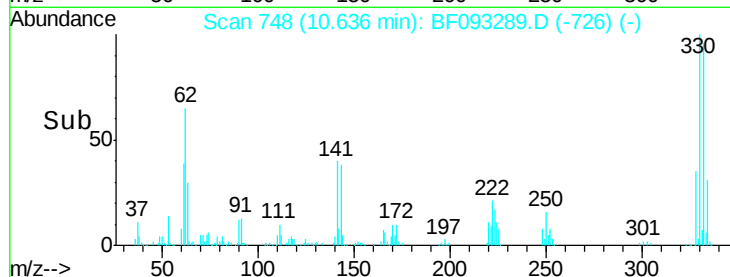
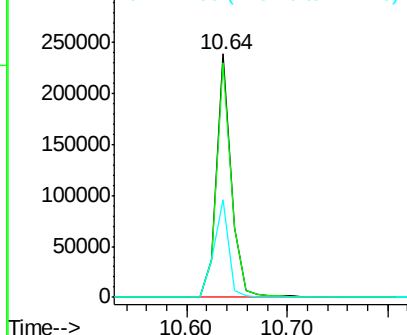
#41
 2,4,6-Tribromophenol
 Concen: 142.86 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97251BL

Tgt Ion:330 Resp: 247960
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 40.5 34.1 51.1

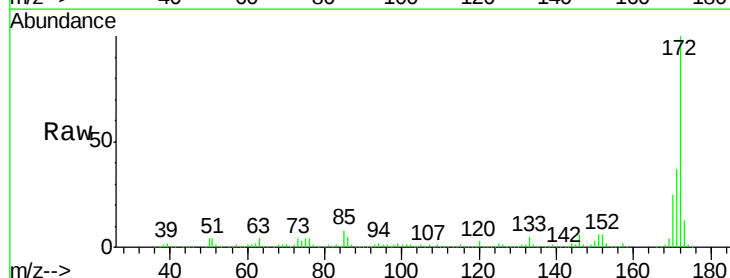


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

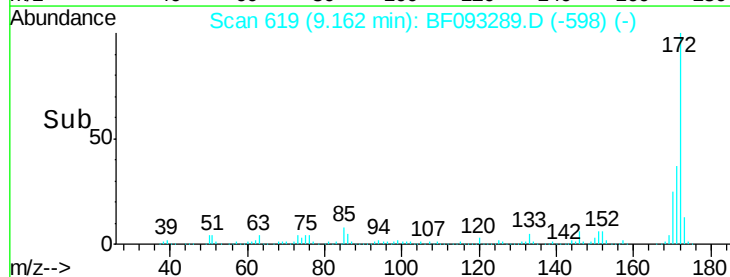
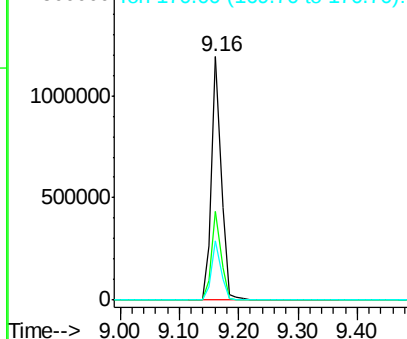


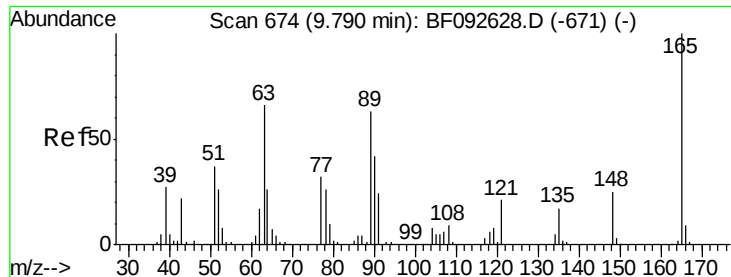
#44
 2-Fluorobiphenyl
 Concen: 102.20 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Tgt Ion:172 Resp: 1353782
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 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

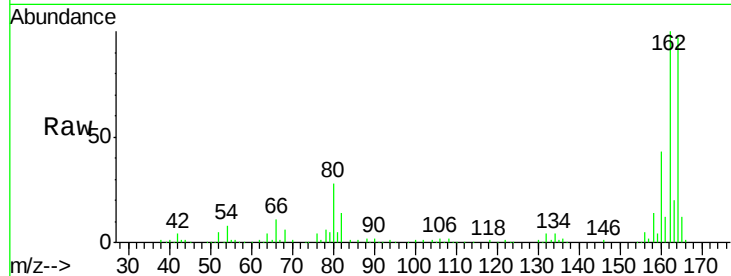




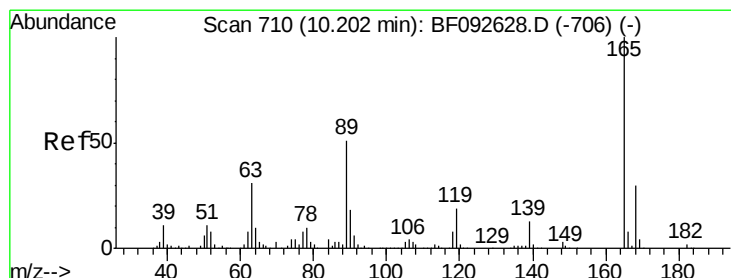
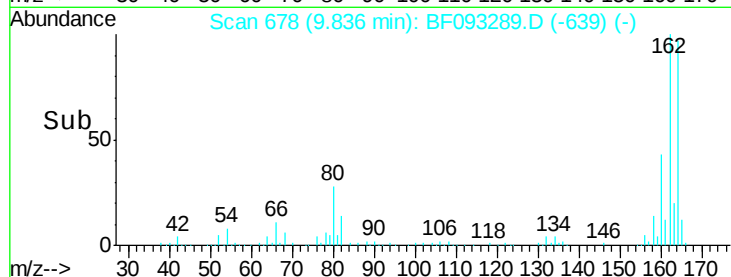
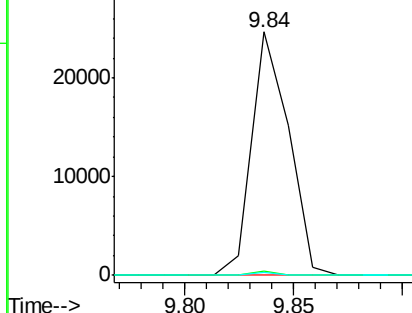
#50
2,6-Dinitrotoluene
Concen: 8.38 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.15 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:165 Resp: 29257
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 1.5 40.2 60.4#

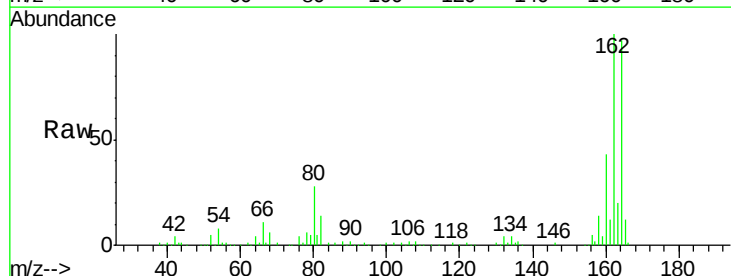


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

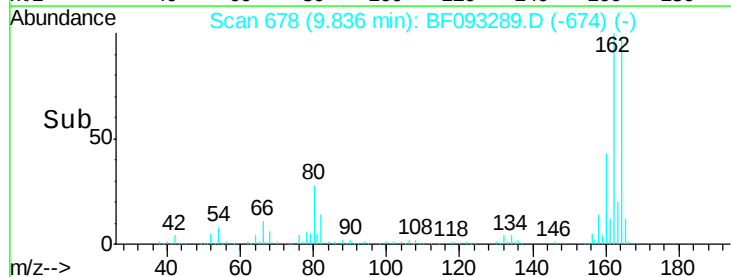
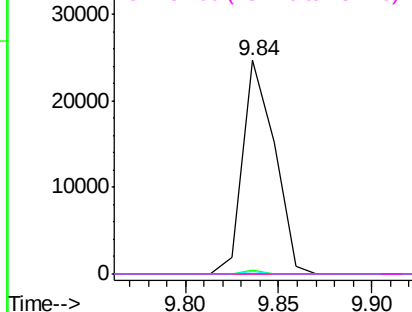


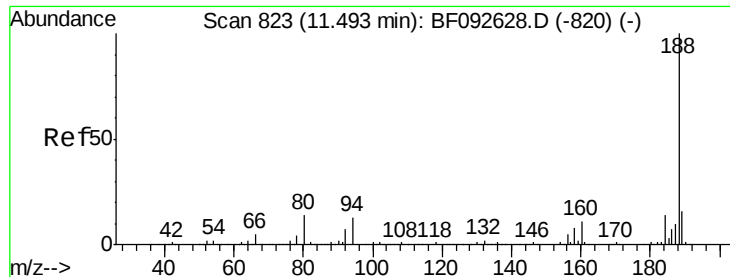
#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.25 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:165 Resp: 29258
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.5 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

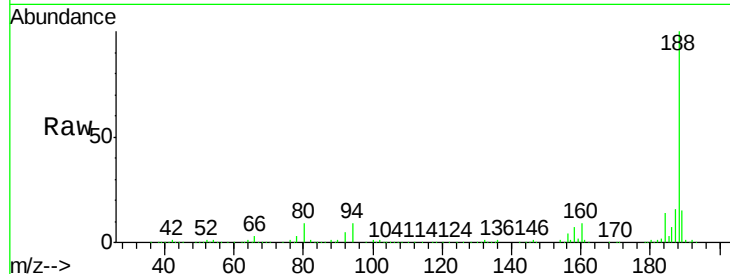




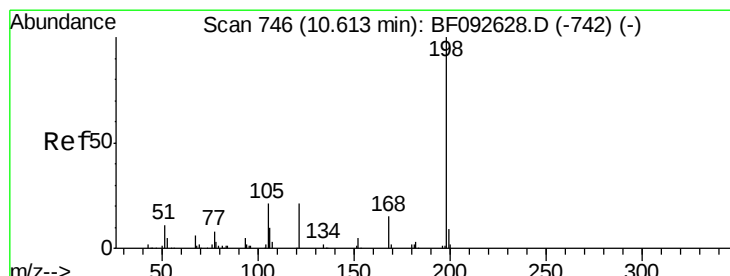
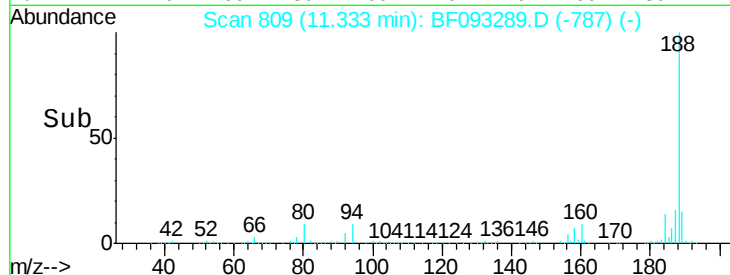
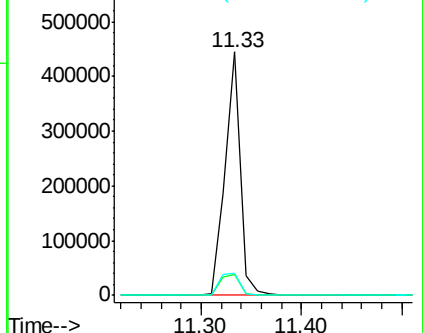
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:188 Resp: 469246
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 8.9 11.2 16.8#

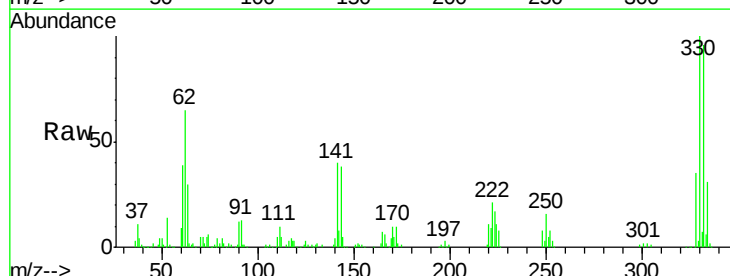


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

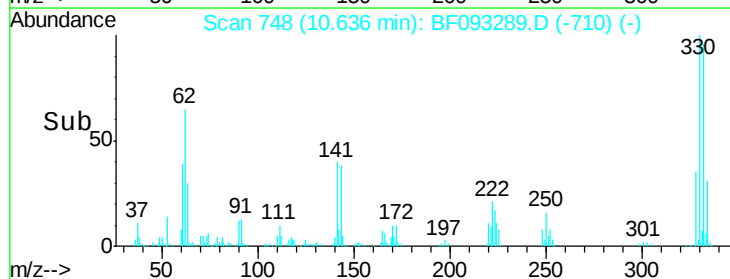
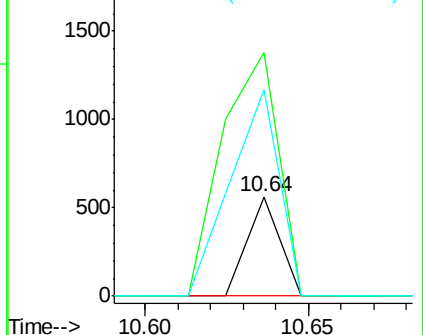


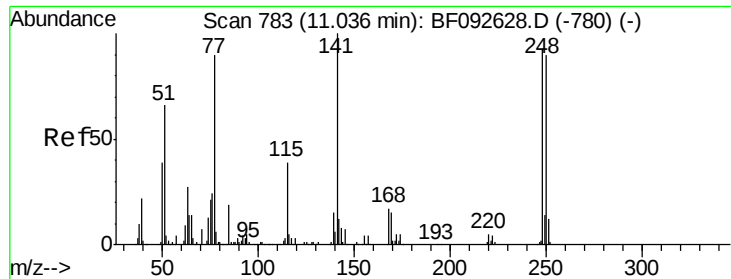
#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:198 Resp: 386
Ion Ratio Lower Upper
198 100
51 244.9 6.7 46.7#
105 207.6 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

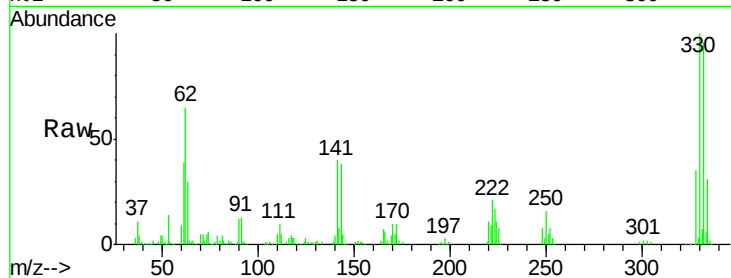




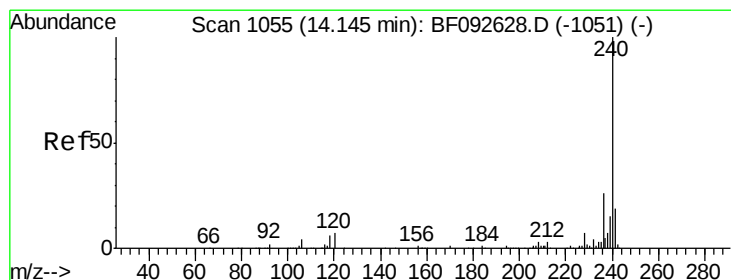
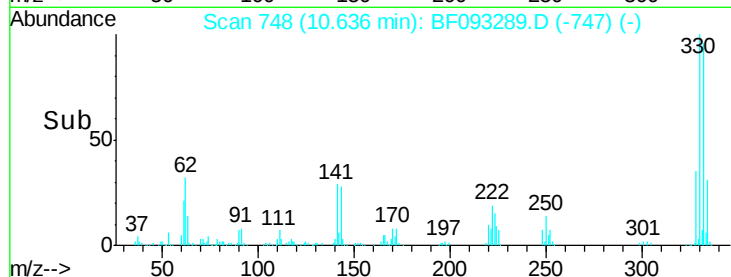
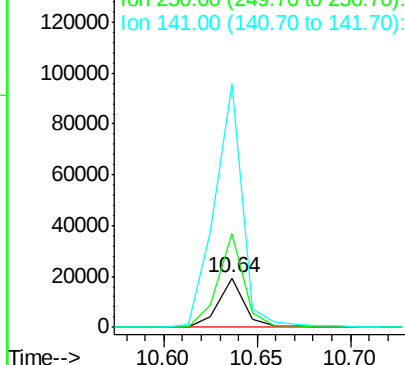
#66
 4-Bromophenyl-phenylether
 Concen: 3.87 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.29 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB97251BL

Tgt Ion:248 Resp: 18980
 Ion Ratio Lower Upper
 248 100
 250 192.2 76.9 115.3#
 141 496.6 68.2 102.4#

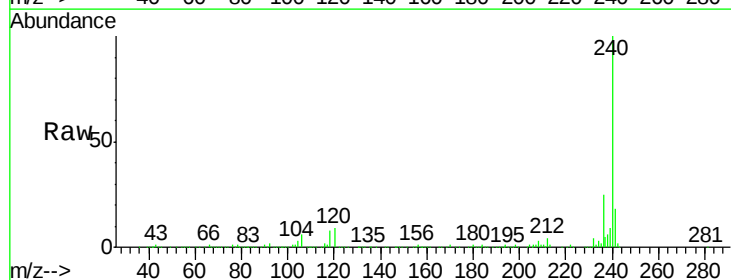


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

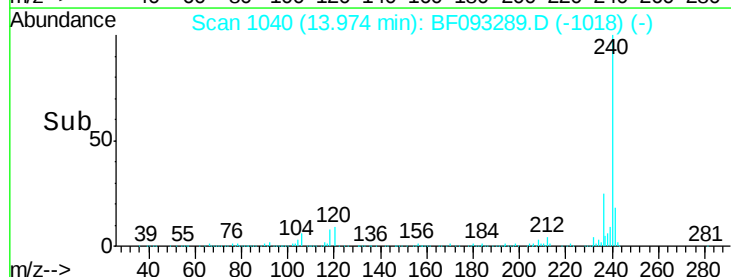
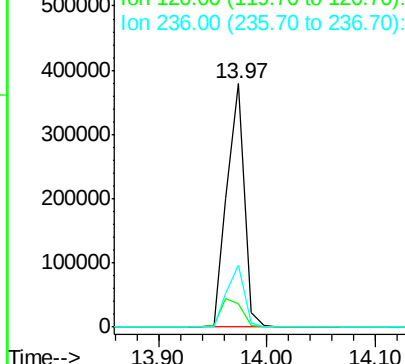


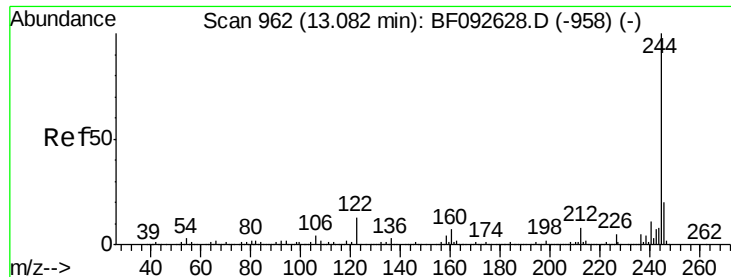
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF093289.D
 Acq: 1 Mar 2017 15:03

Tgt Ion:240 Resp: 419253
 Ion Ratio Lower Upper
 240 100
 120 9.4 12.9 19.3#
 236 25.3 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: 77.00 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

Instrument :

BNA_F

ClientSampleId :

PB97251BL

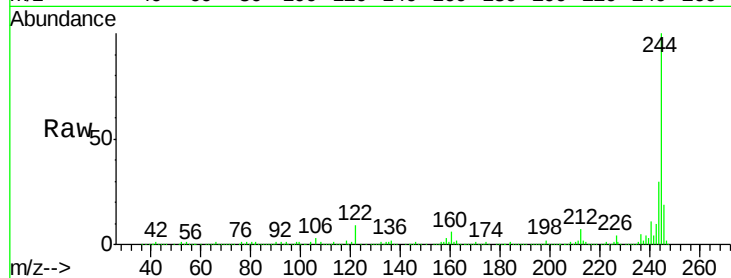
Tgt Ion:244 Resp: 1373906

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

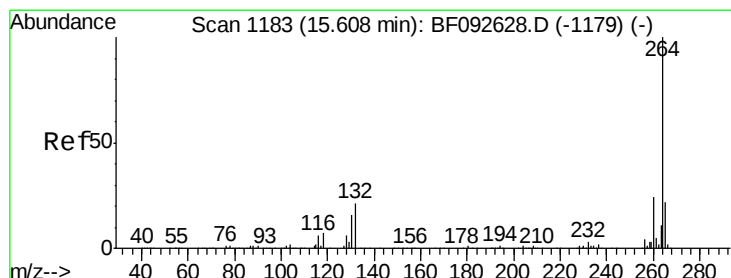
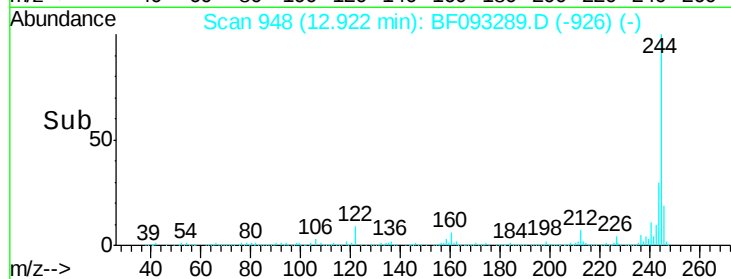
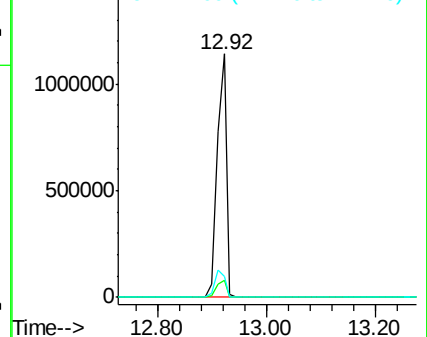
122 8.8 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093289.D

Acq: 1 Mar 2017 15:03

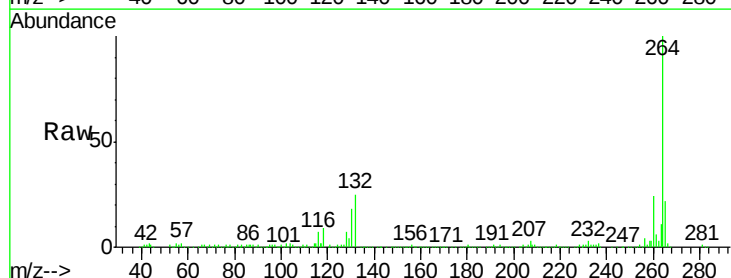
Tgt Ion:264 Resp: 317299

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 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

