

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092489.D
 Acq On : 25 Jan 2017 21:02
 Operator : SJ/MA
 Sample : I1417-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:57:33 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

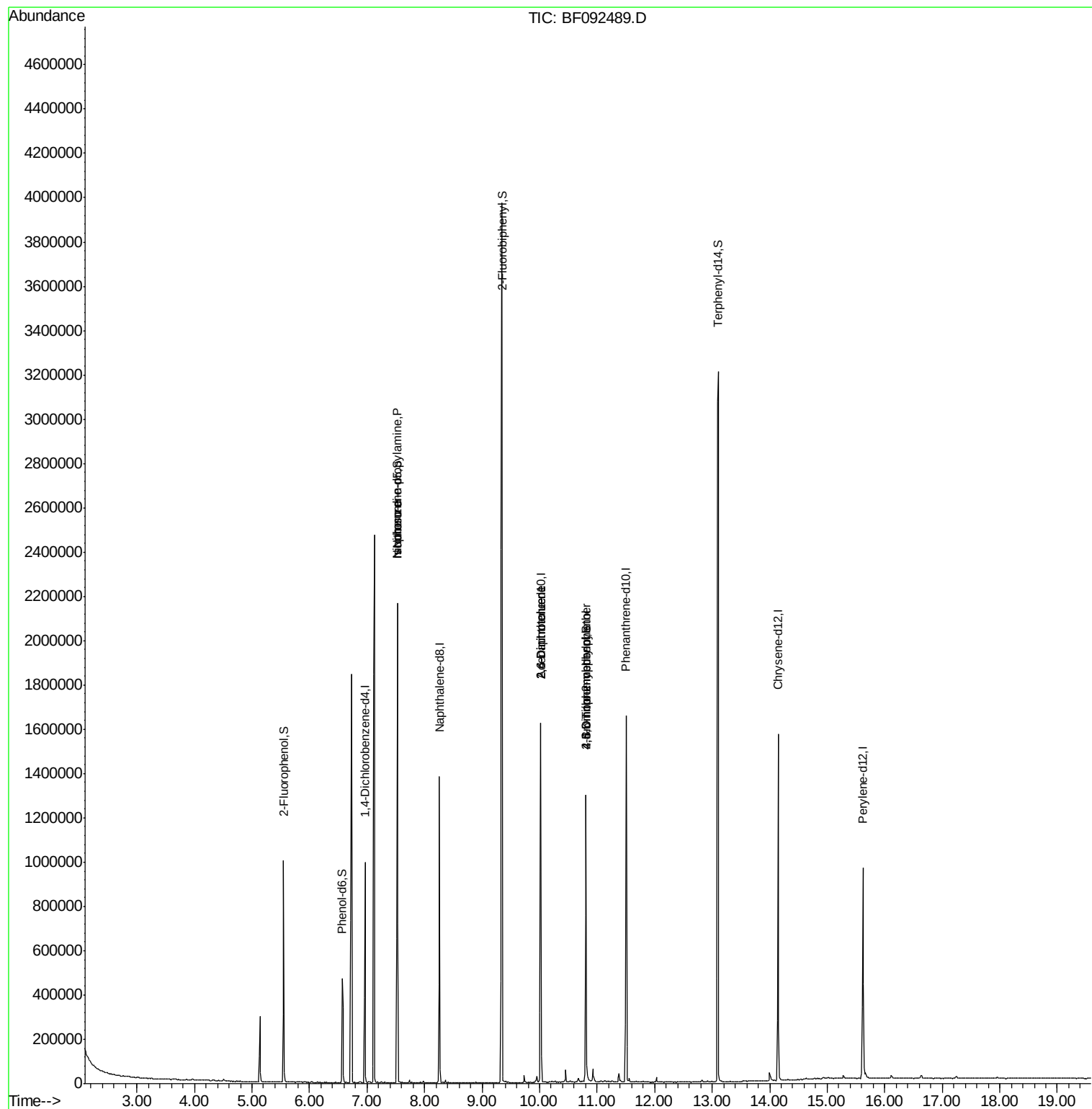
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159747	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	630921	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	336821	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	565343	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	521563	20.00	ng	-0.02
86) Perylene-d12	15.62	264	452953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	257799	25.11	ng	0.00
7) Phenol-d6	6.57	99	198726	15.19	ng	-0.02
23) Nitrobenzene-d5	7.53	82	817698	70.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	172922	75.34	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1620251	88.95	ng	-0.01
78) Terphenyl-d14	13.11	244	1571988	80.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	107561	12.08	ng	# 84
25) Isophorone	7.53	82	665750	29.25	ng	# 65
50) 2,6-Dinitrotoluene	10.02	165	42436	9.69	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	42437	7.30	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.81	198	280	5.03	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	12730	2.23	ng	# 1

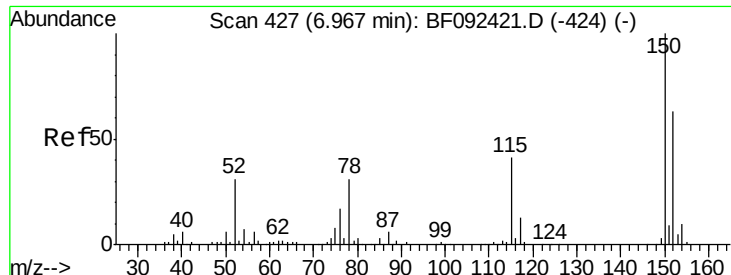
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092489.D

Acq: 25 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

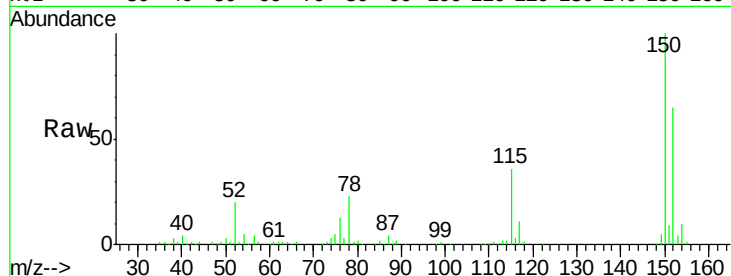
Tot Ion:152 Resp: 159747

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

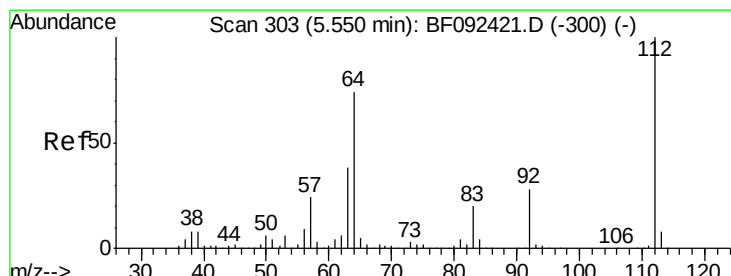
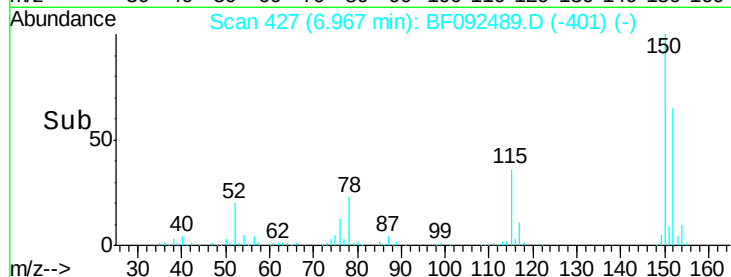
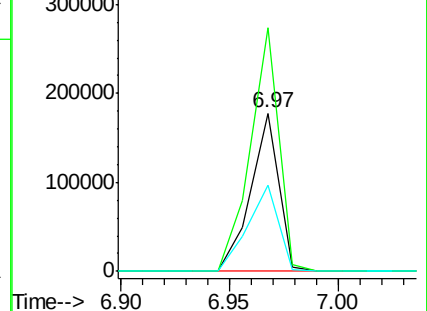
115 54.8 46.0 69.0



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: 25.11 ng

RT: 5.55 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

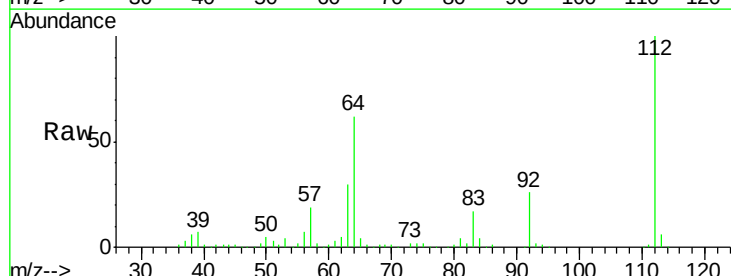
Tgt Ion:112 Resp: 257799

Ion Ratio Lower Upper

112 100

64 62.4 46.1 69.1

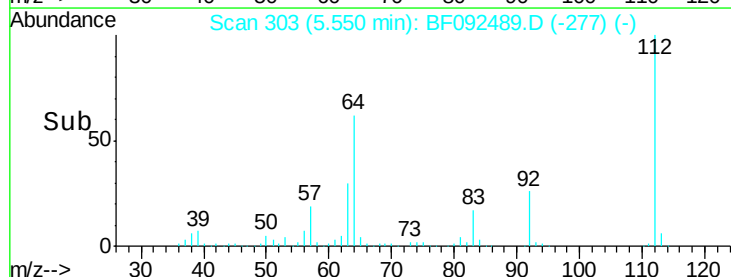
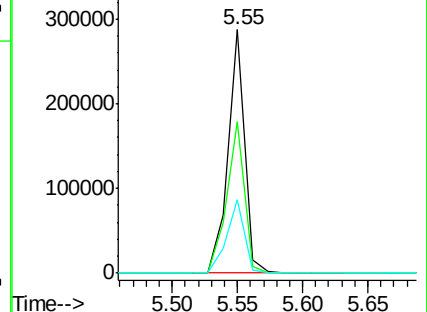
63 30.0 23.8 35.6

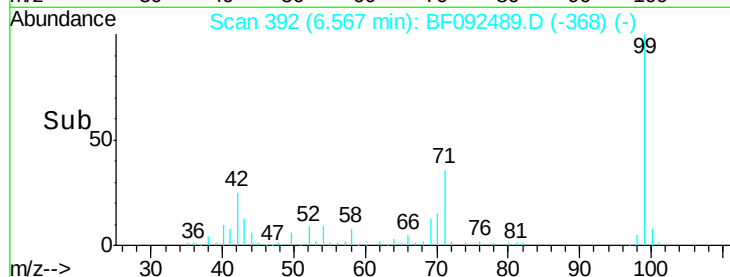
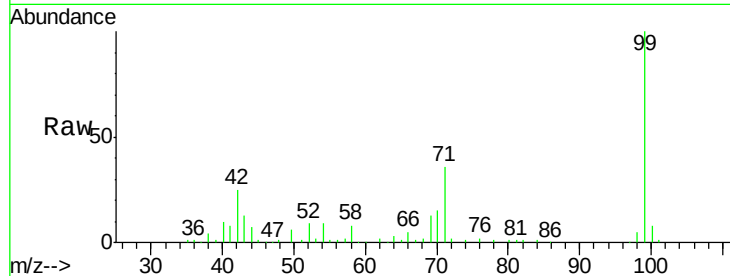
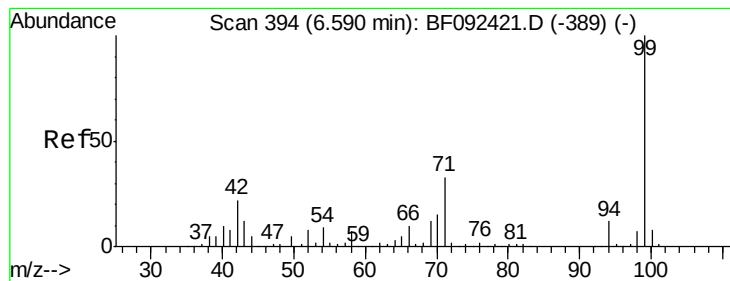


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.19 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

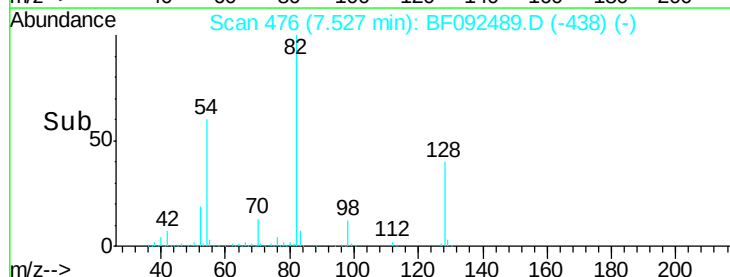
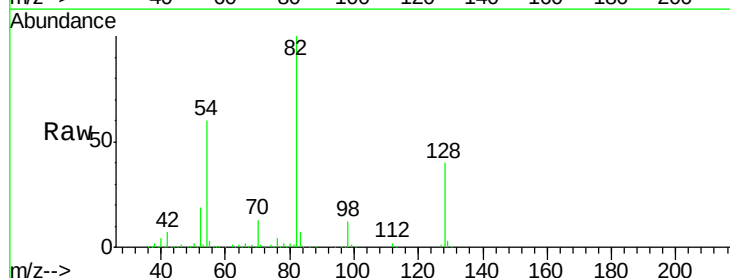
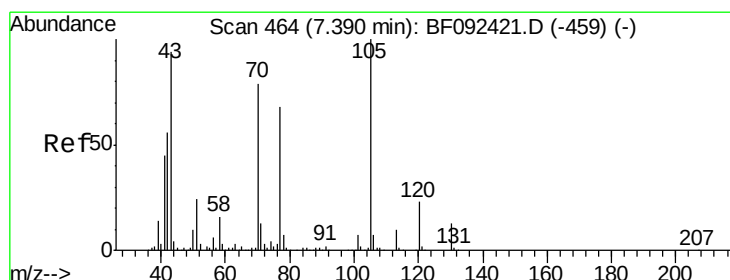
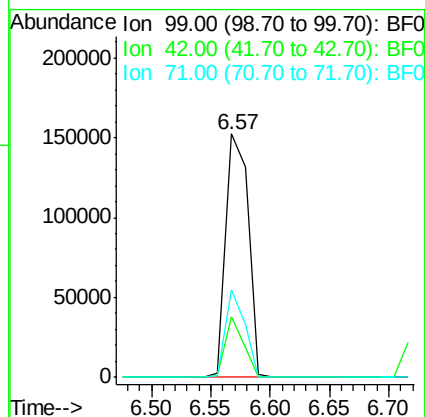
Tot Ion: 99 Resp: 198726

Ion Ratio Lower Upper

99 100

42 24.9 15.6 23.4#

71 35.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.08 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Tgt Ion: 70 Resp: 107561

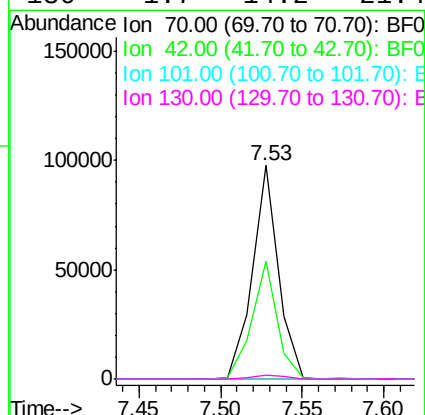
Ion Ratio Lower Upper

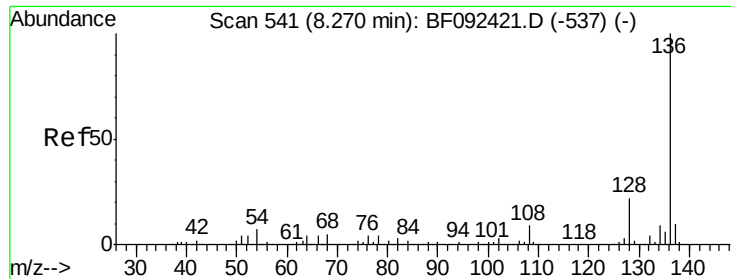
70 100

42 55.4 49.4 74.0

101 0.0 7.4 11.2#

130 1.7 14.2 21.4#

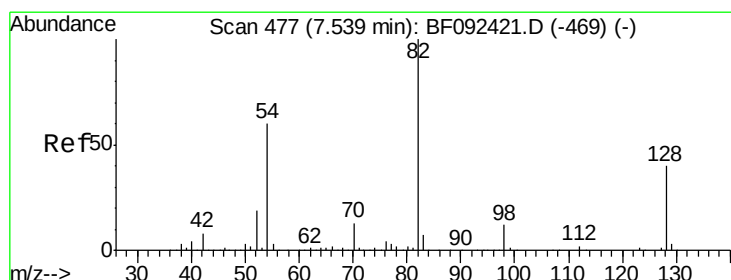
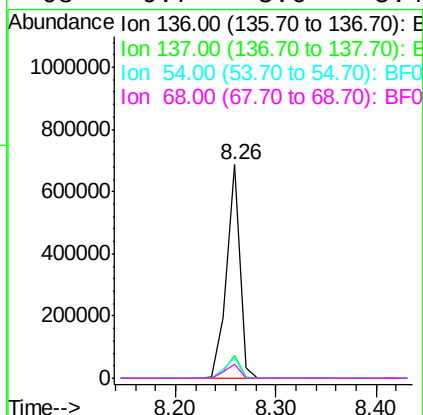
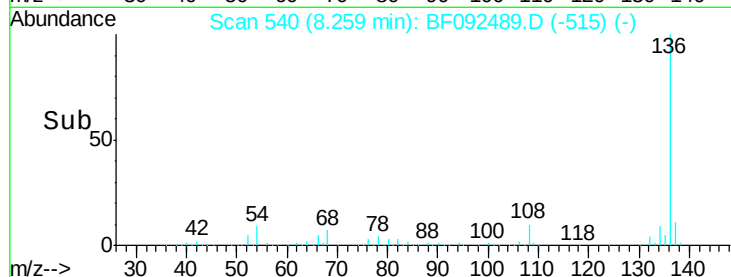
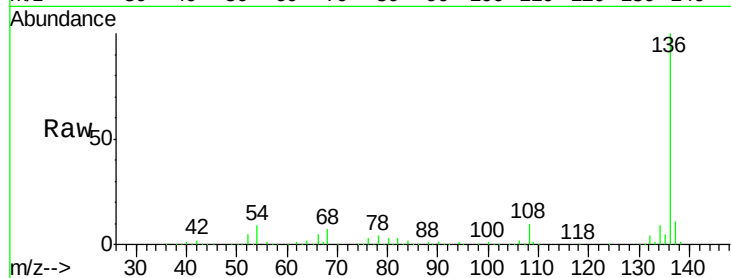




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092489.D
Acq: 25 Jan 2017 21:02

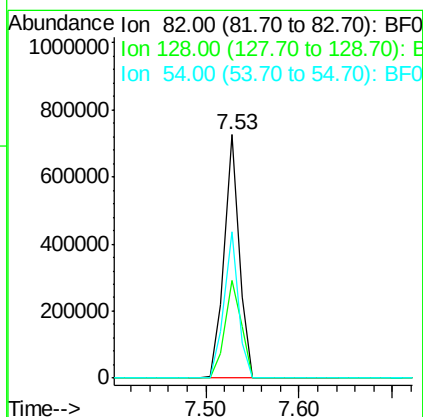
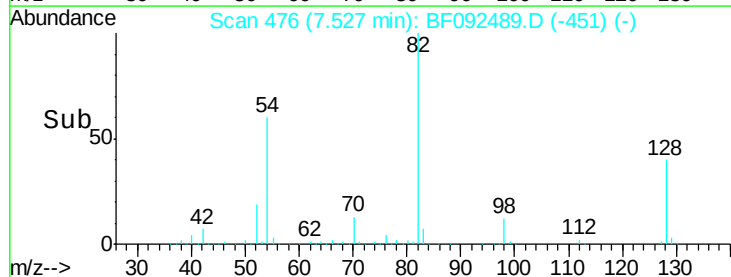
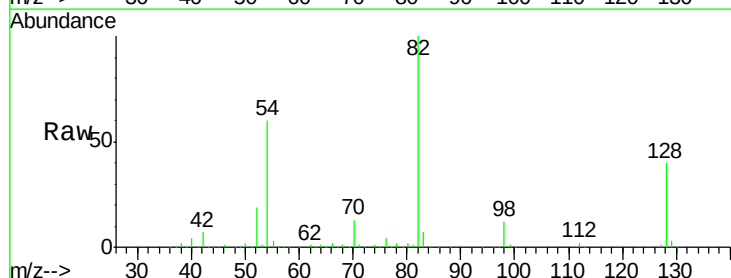
Instrument :
BNA_F
ClientSampleId :

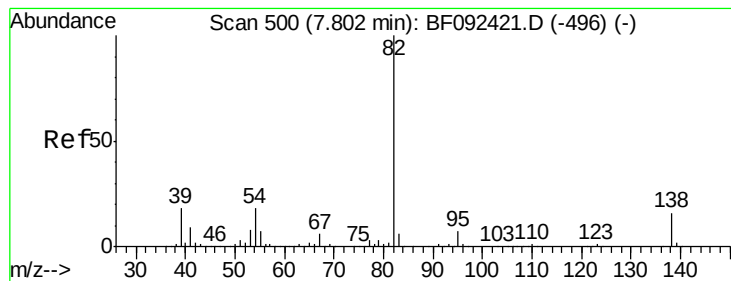
Tot Ion:136	Resp:	630921
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.4 12.6
54	9.3	4.5 6.7#
68	6.7	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 70.80 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092489.D
Acq: 25 Jan 2017 21:02

Tgt Ion: 82	Resp:	817698
Ion Ratio	Lower	Upper
82	100	
128	40.1	34.6 52.0
54	60.0	39.5 59.3#





#25

Isophorone

Concen: 29.25 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Instrument :

BNA_F

ClientSampled :

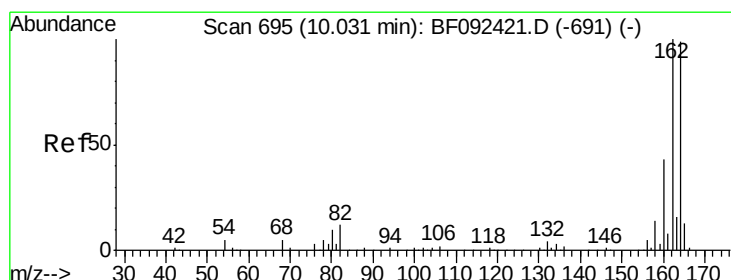
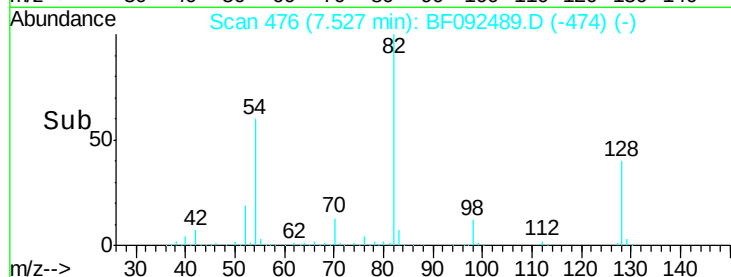
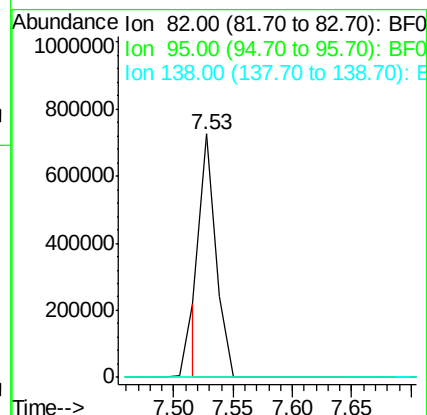
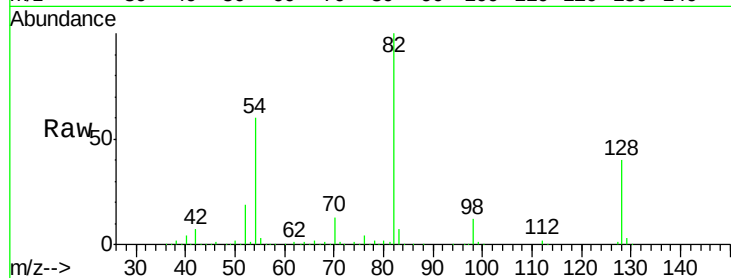
Tot Ion: 82 Resp: 665750

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: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

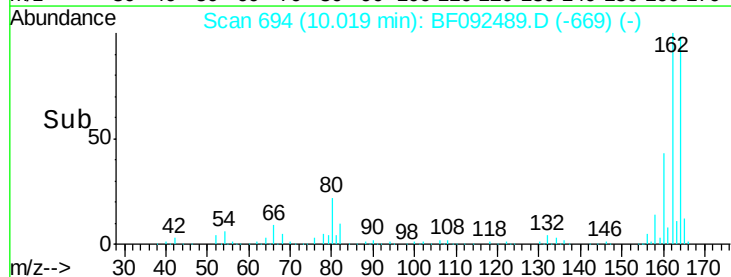
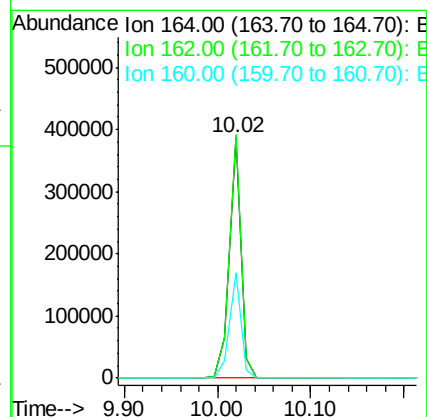
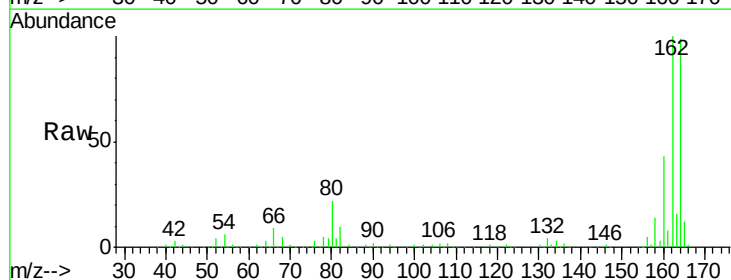
Tgt Ion: 164 Resp: 336821

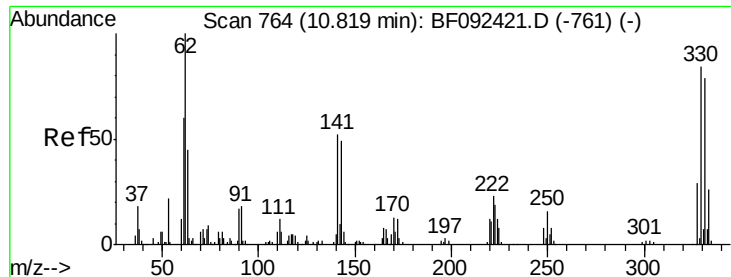
Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

160 43.7 36.9 55.3

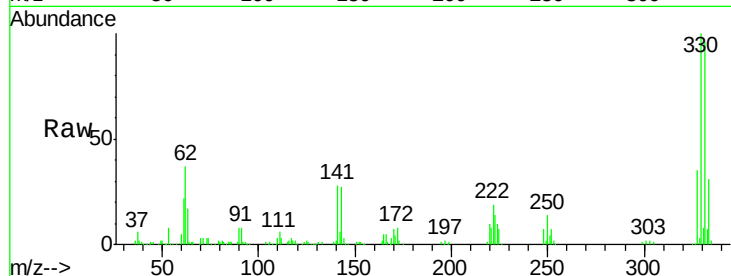




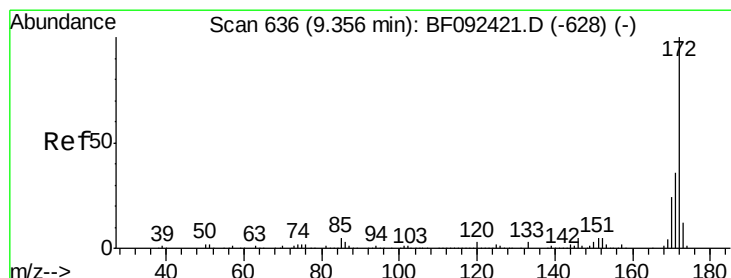
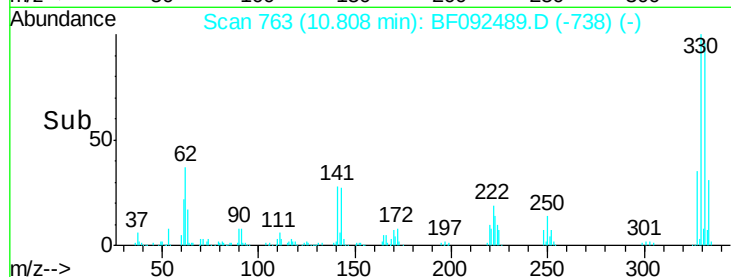
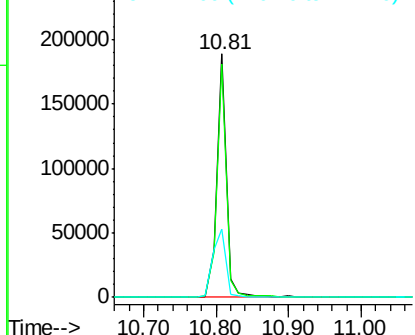
#41
 2,4,6-Tribromophenol
 Concen: 75.34 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 172922
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 38.4 34.1 51.1

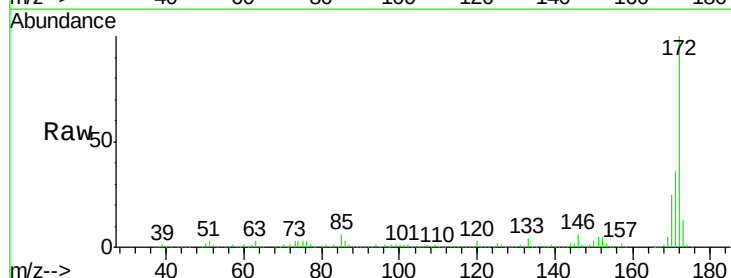


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

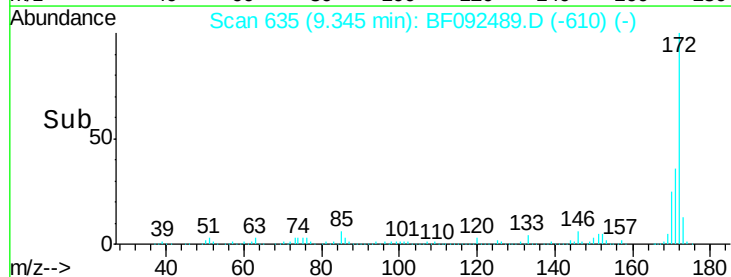
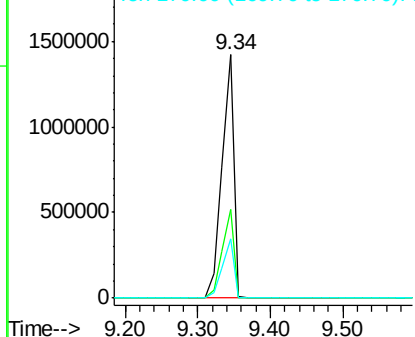


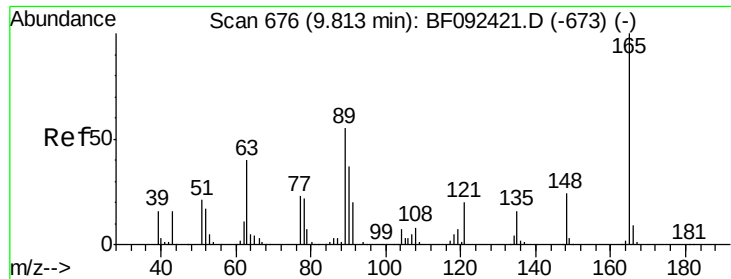
#44
 2-Fluorobiphenyl
 Concen: 88.95 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

Tgt Ion:172 Resp: 1620251
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 9.69 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.21 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Instrument :

BNA_F

ClientSampleId :

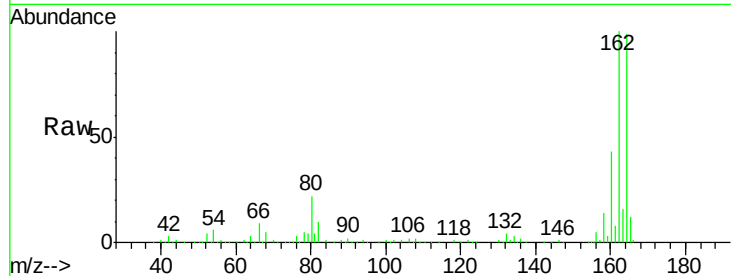
Tot Ion:165 Resp: 42436

Ion Ratio Lower Upper

165 100

63 1.3 36.2 54.4#

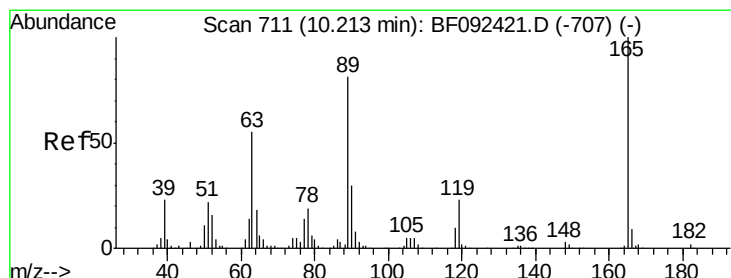
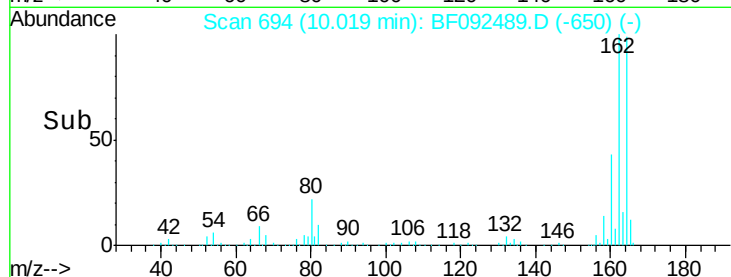
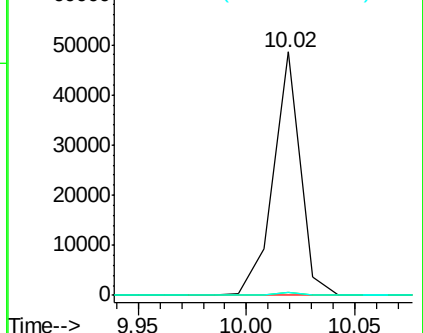
89 1.0 40.2 60.4#



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: 7.30 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.19 min

Lab File: BF092489.D

Acq: 25 Jan 2017 21:02

Tgt Ion:165 Resp: 42437

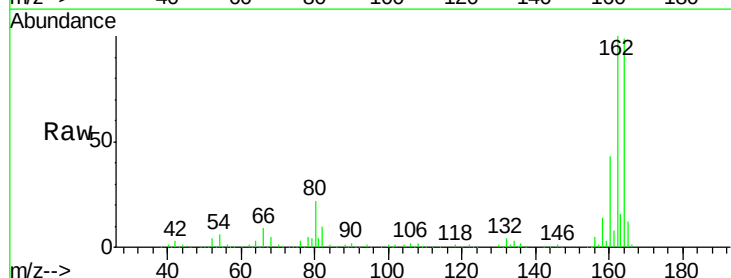
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

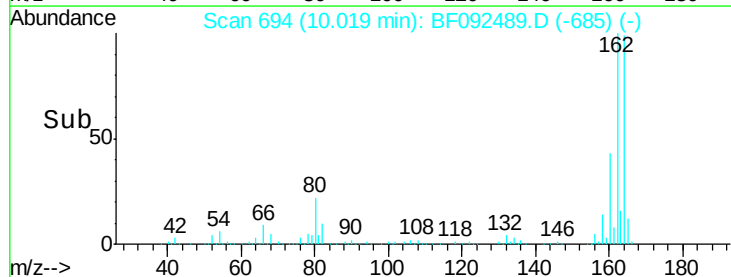
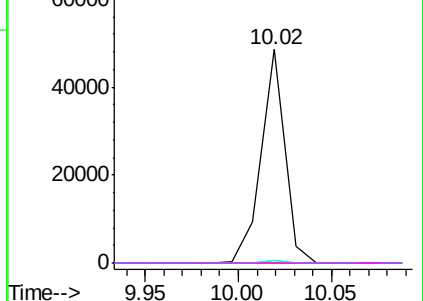


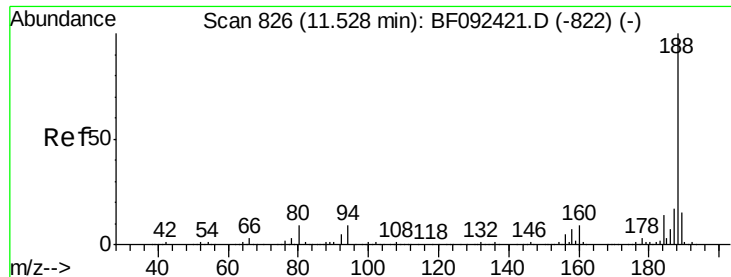
Abundance Ion 165.00 (164.70 to 165.70): E

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

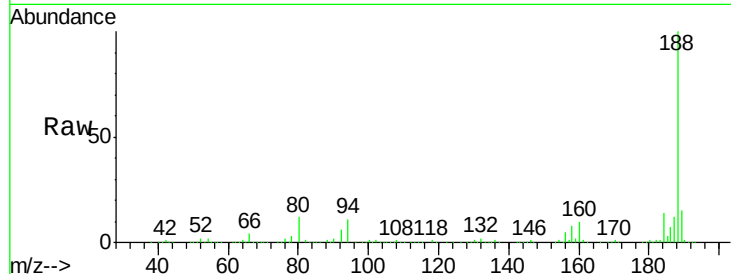




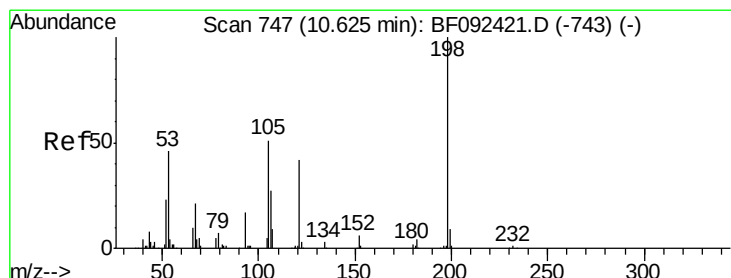
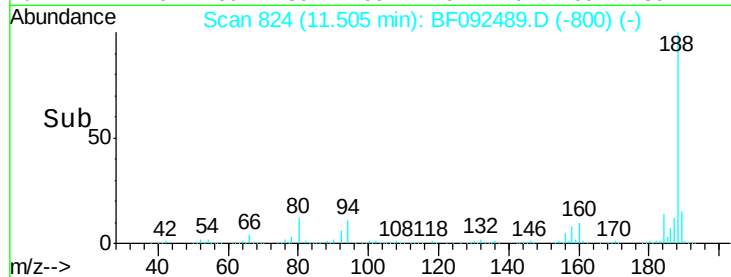
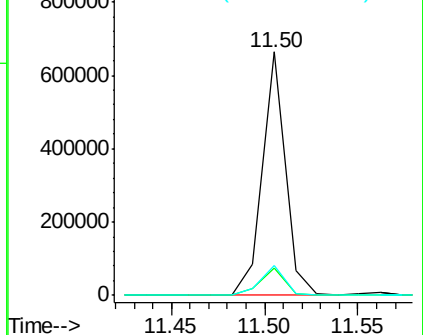
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 565343
 Ion Ratio Lower Upper
 188 100
 94 11.4 10.0 15.0
 80 12.2 11.2 16.8

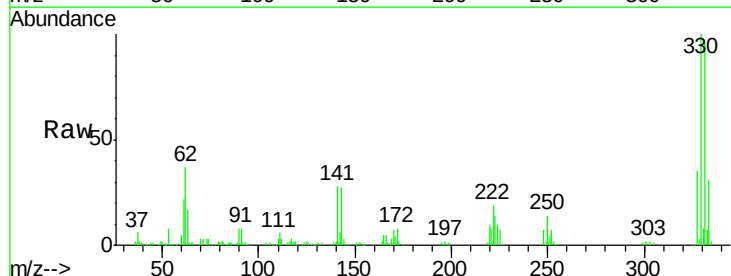


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

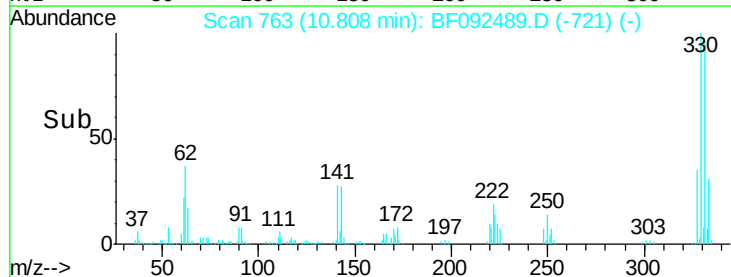
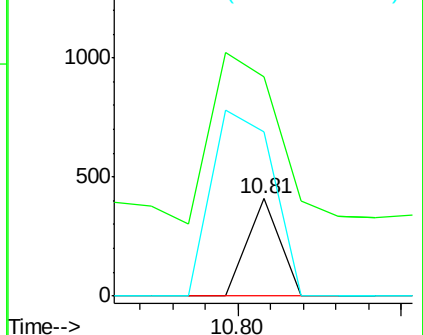


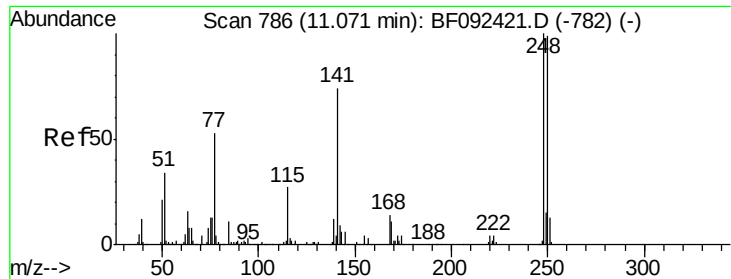
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.03 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.18 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

Tgt Ion:198 Resp: 280
 Ion Ratio Lower Upper
 198 100
 51 225.4 6.7 46.7#
 105 168.7 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

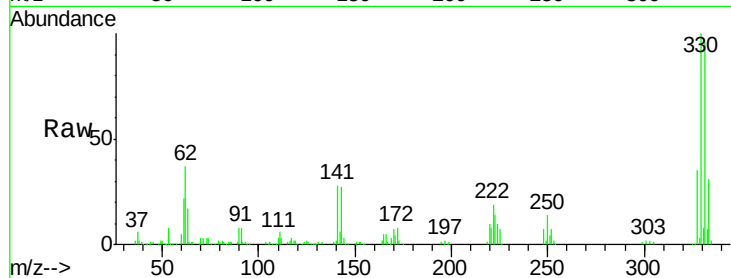




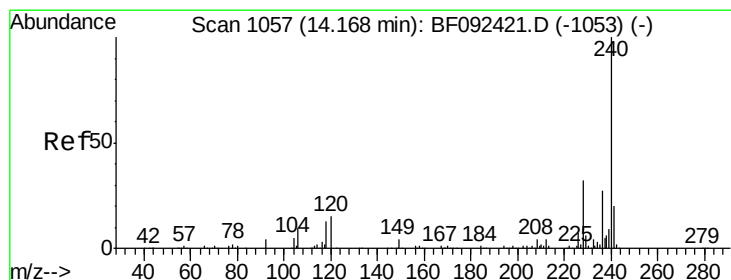
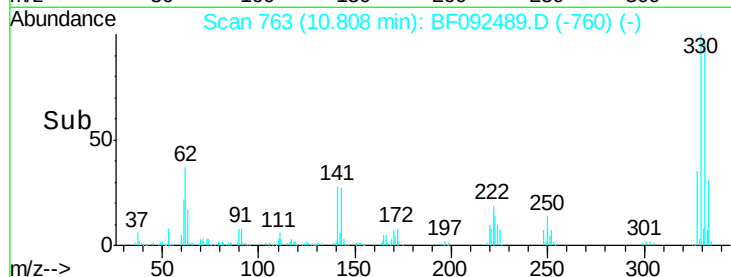
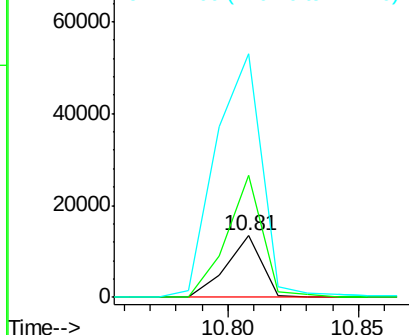
#66
 4-Bromophenyl-phenylether
 Concen: 2.23 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.26 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12730
 Ion Ratio Lower Upper
 248 100
 250 197.4 76.9 115.3#
 141 395.5 68.2 102.4#

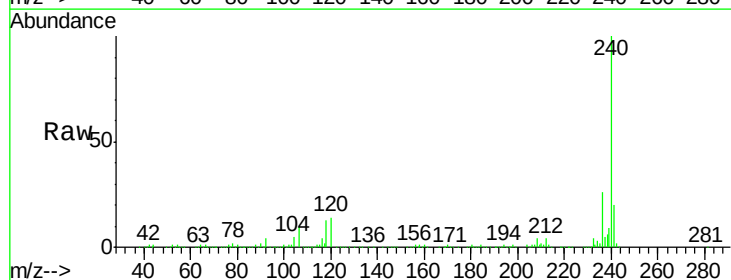


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

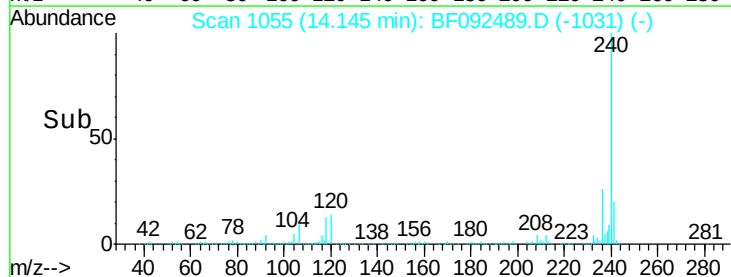
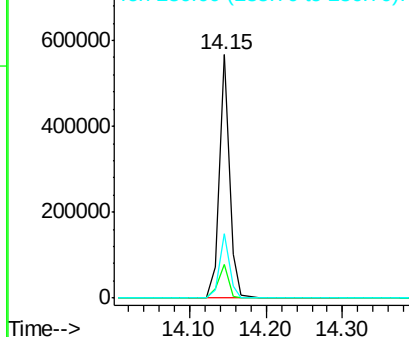


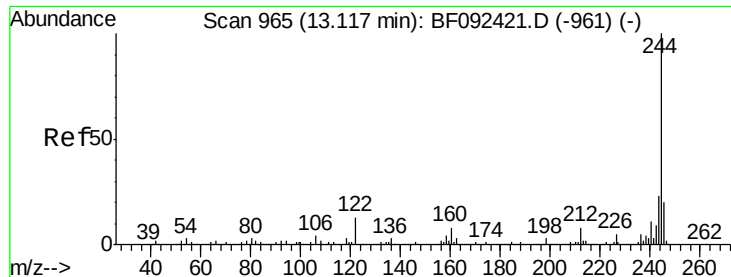
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

Tgt Ion:240 Resp: 521563
 Ion Ratio Lower Upper
 240 100
 120 13.8 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

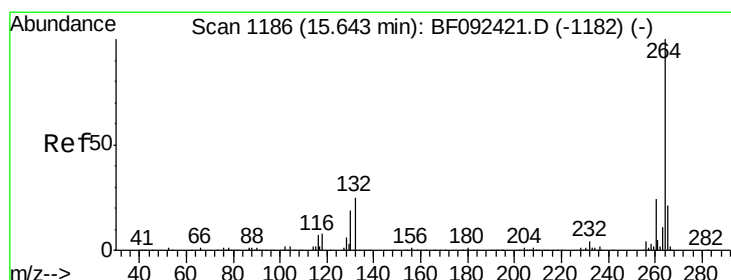
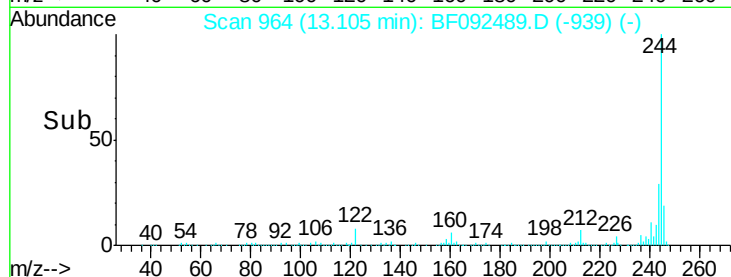
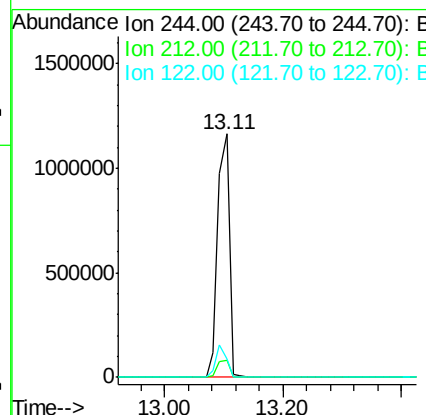
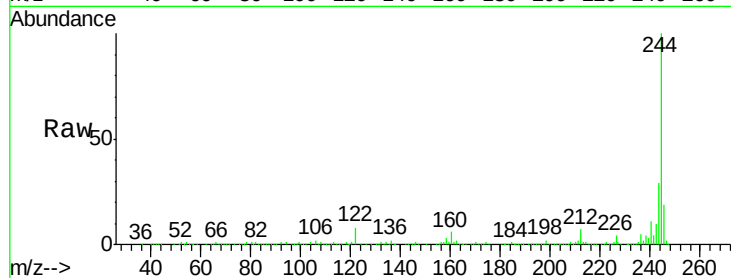




#78
 Terphenyl-d14
 Concen: 80.26 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092489.D
 Acq: 25 Jan 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1571988
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 7.5 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: BF092489.D
 Acq: 25 Jan 2017 21:02

Tgt Ion:264 Resp: 452953
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.1 17.4 26.0

