

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092498.D
 Acq On : 26 Jan 2017 1:10
 Operator : SJ/MA
 Sample : I1351-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:59:47 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

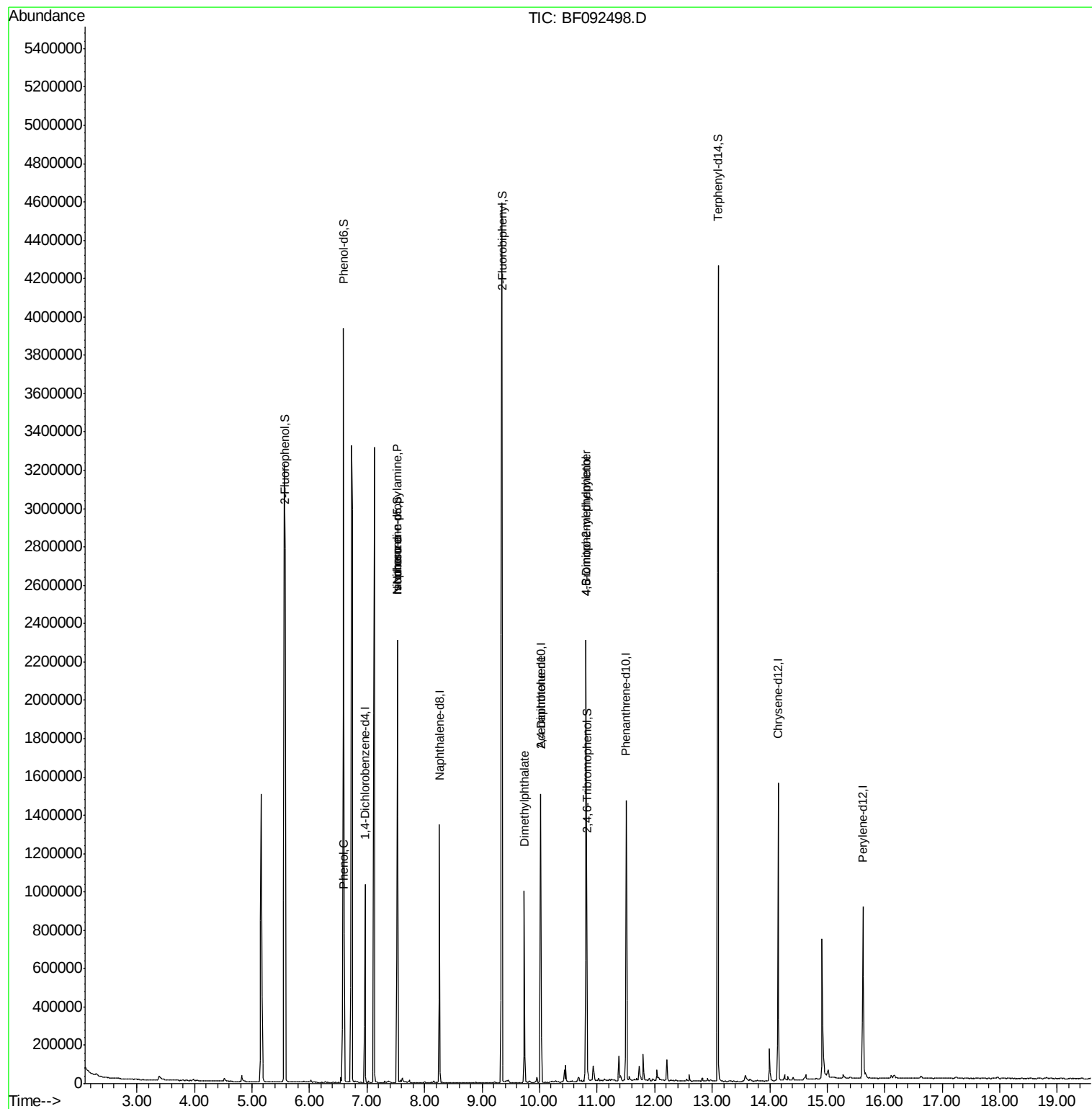
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151848	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	614527	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	322293	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	550776	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	512677	20.00	ng	-0.02
86) Perylene-d12	15.62	264	452203	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1367683	140.13	ng	0.02
7) Phenol-d6	6.59	99	1499630	120.63	ng	0.00
23) Nitrobenzene-d5	7.53	82	1007759	89.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	344383	156.80	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1710297	98.13	ng	-0.01
78) Terphenyl-d14	13.11	244	1610085	83.63	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	131554	8.77	ng	# 70
19) n-Nitroso-di-n-propylamine	7.53	70	131174	15.49	ng	# 85
25) Isophorone	7.53	82	859684	38.78	ng	# 65
49) Dimethylphthalate	9.73	163	391534	19.10	ng	# 99
56) 2,4-Dinitrotoluene	10.02	165	41927	7.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	571	5.12	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	23508	4.23	ng	# 1

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

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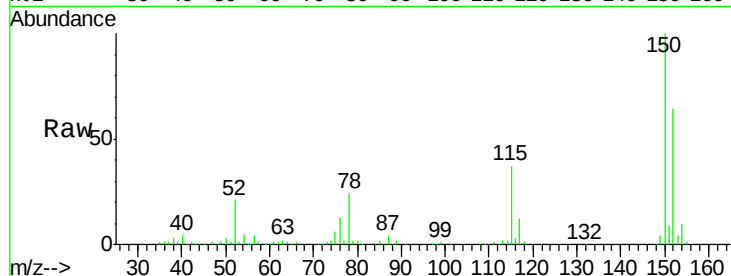


#1

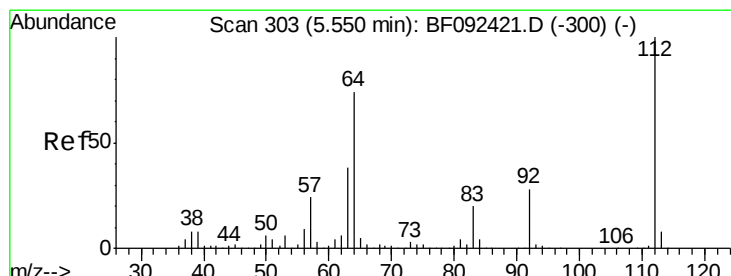
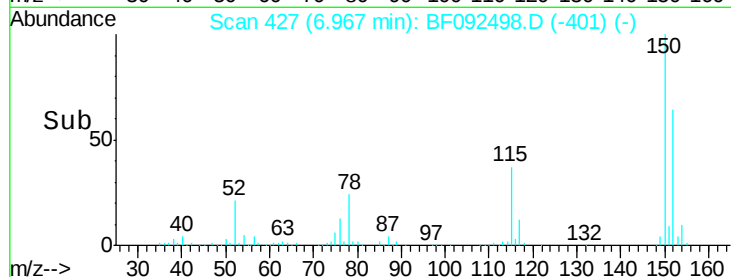
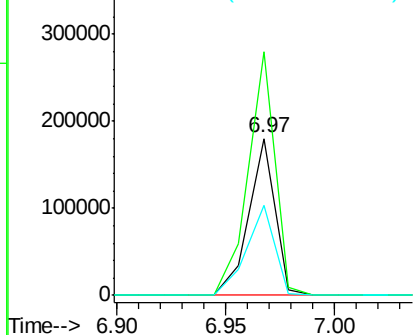
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092498.D
Acq: 26 Jan 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151848
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 57.1 46.0 69.0



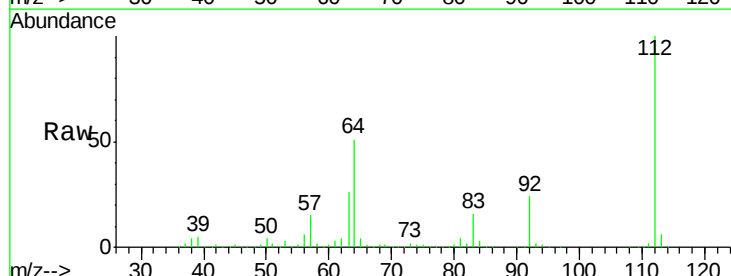
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



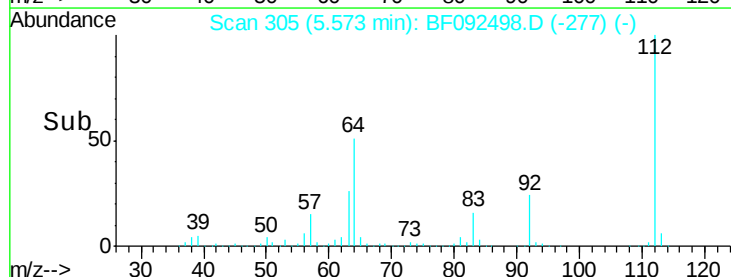
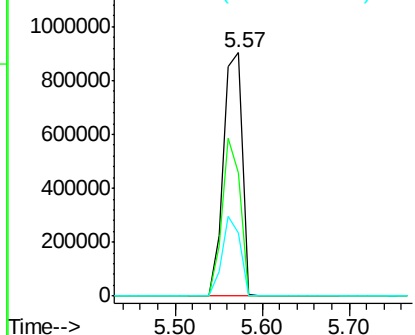
#5

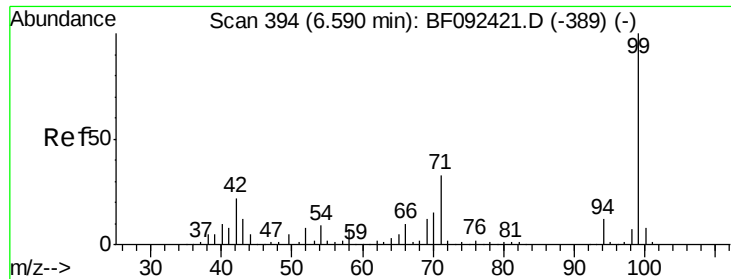
2-Fluorophenol
Concen: 140.13 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092498.D
Acq: 26 Jan 2017 1:10

Tgt Ion:112 Resp: 1367683
Ion Ratio Lower Upper
112 100
64 50.6 46.1 69.1
63 25.7 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: 120.63 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092498.D

Acq: 26 Jan 2017 1:10

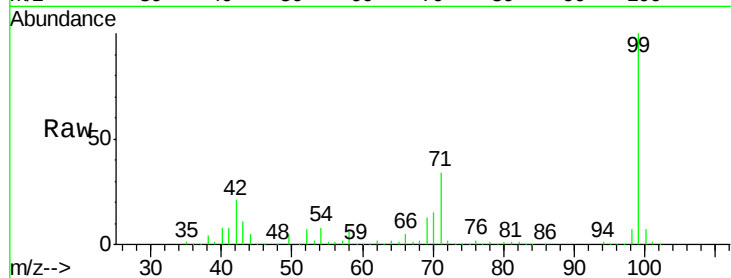
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1499630

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	33.8	27.5	41.3

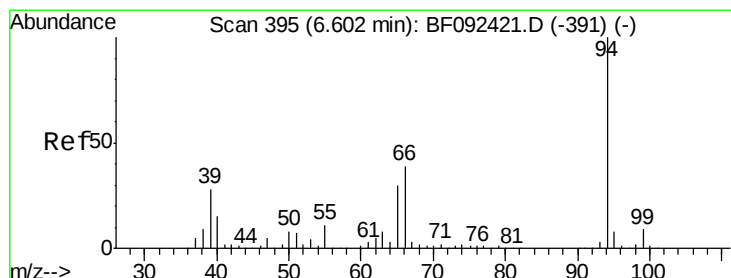
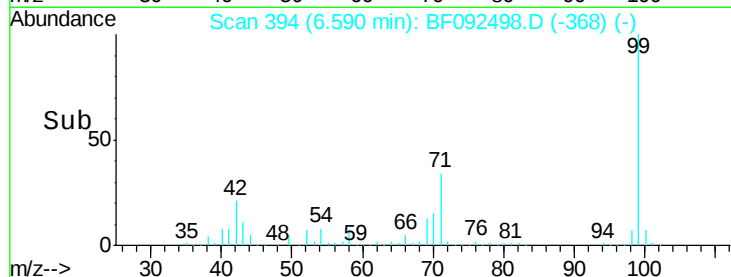
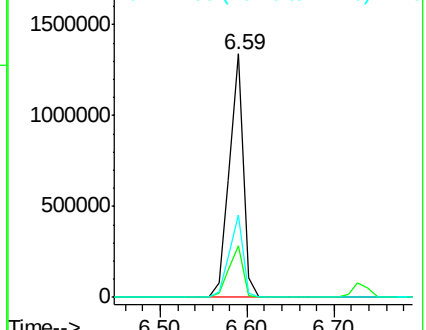


Abundance

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: 8.77 ng

RT: 6.60 min Scan# 395

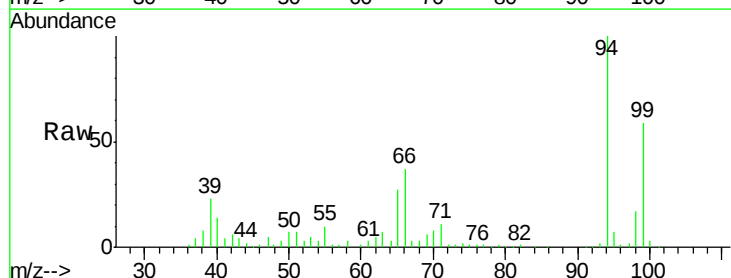
Delta R.T. -0.00 min

Lab File: BF092498.D

Acq: 26 Jan 2017 1:10

Tgt Ion: 94 Resp: 131554

Ion	Ratio	Lower	Upper
94	100		
65	27.3	21.4	61.4
66	37.0	44.0	84.0#

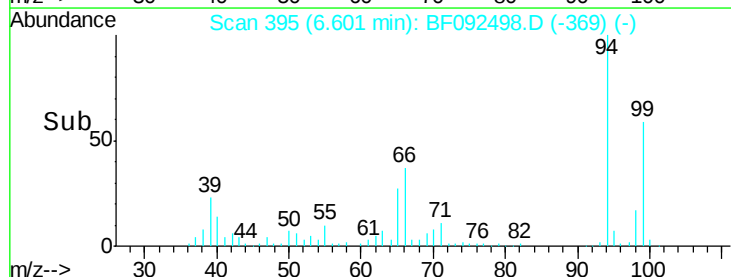
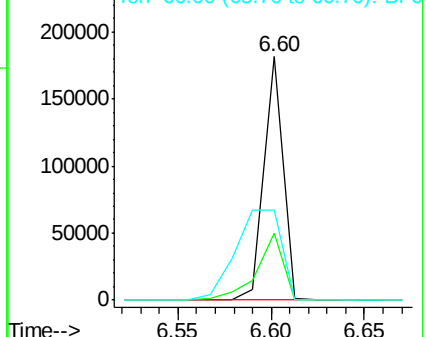


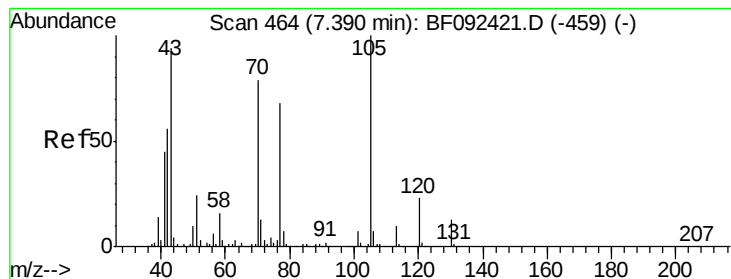
Abundance

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: 15.49 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092498.D

Acq: 26 Jan 2017 1:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 131174

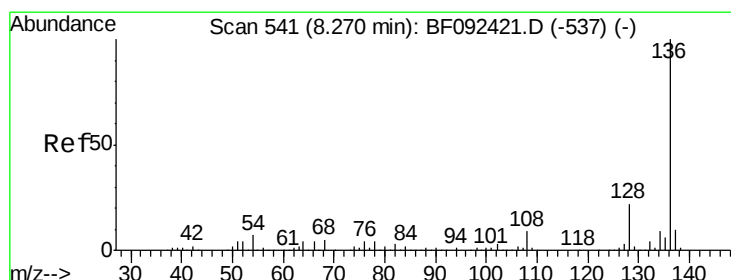
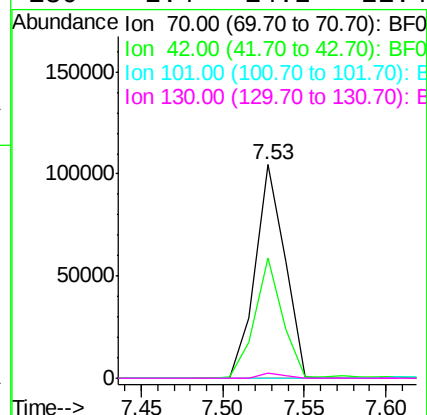
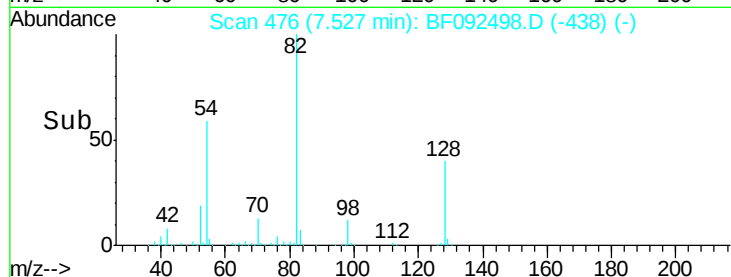
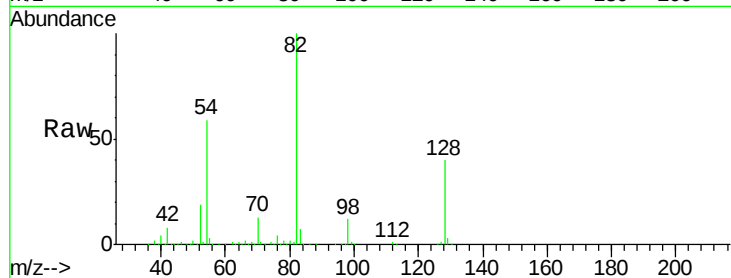
Ion Ratio Lower Upper

70 100

42 56.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.4 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: BF092498.D

Acq: 26 Jan 2017 1:10

Tgt Ion: 136 Resp: 614527

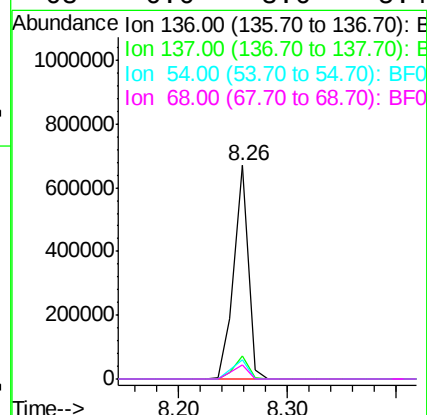
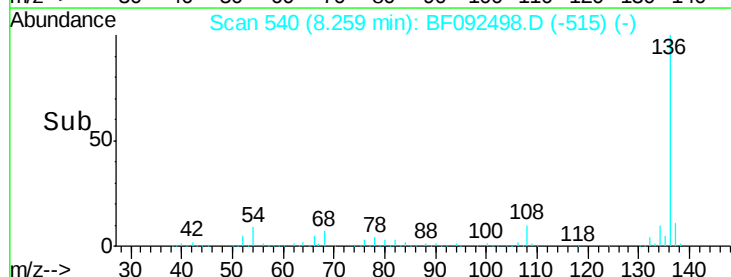
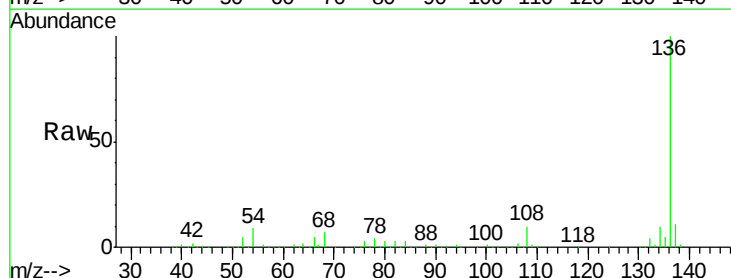
Ion Ratio Lower Upper

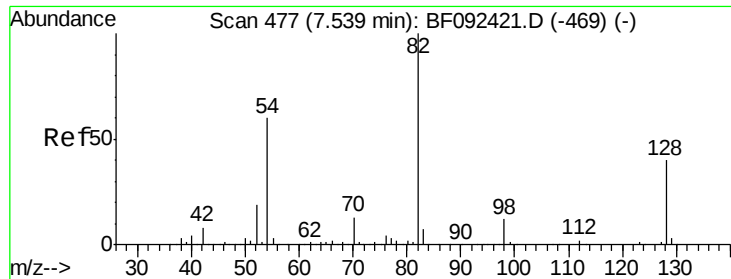
136 100

137 11.0 8.4 12.6

54 9.3 4.5 6.7#

68 6.6 3.6 5.4#

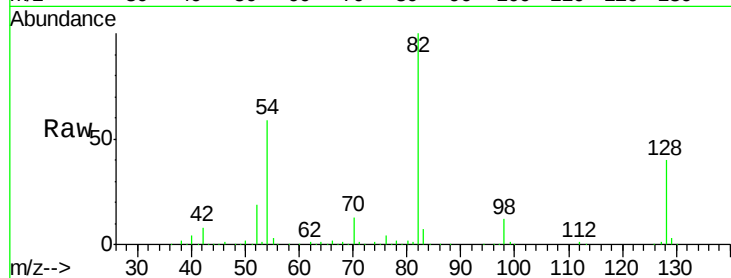




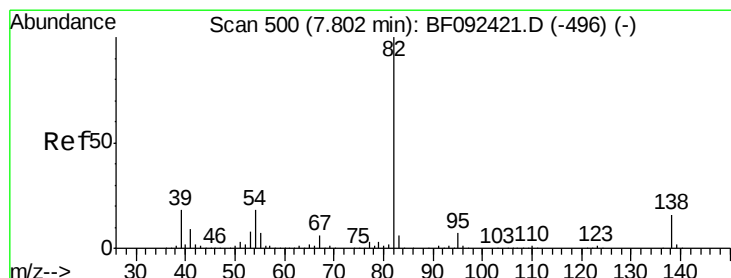
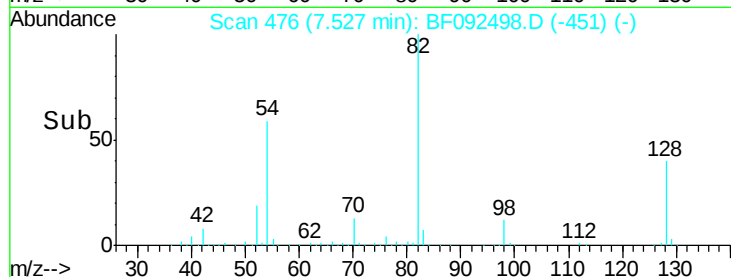
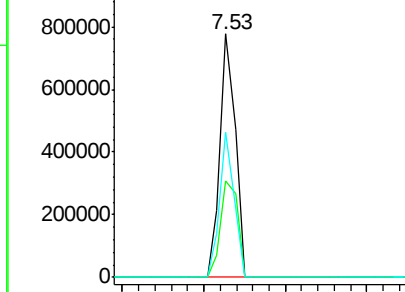
#23
 Nitrobenzene-d5
 Concen: 89.58 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092498.D
 Acq: 26 Jan 2017 1:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1007759
 Ion Ratio Lower Upper
 82 100
 128 39.8 34.6 52.0
 54 59.5 39.5 59.3#

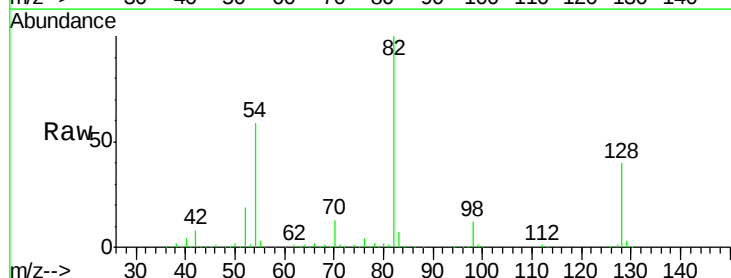


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

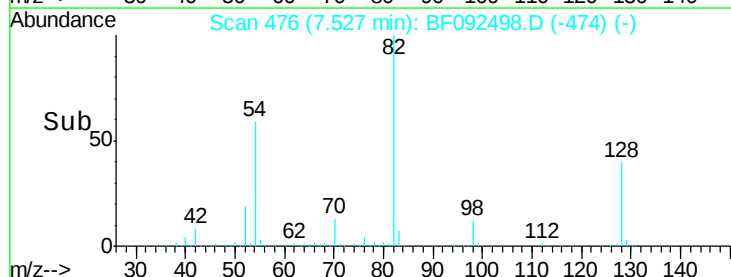
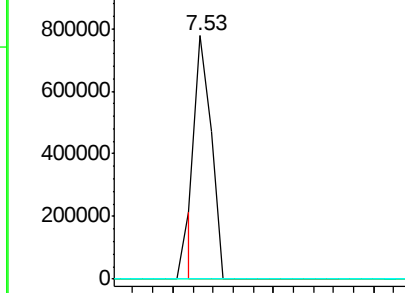


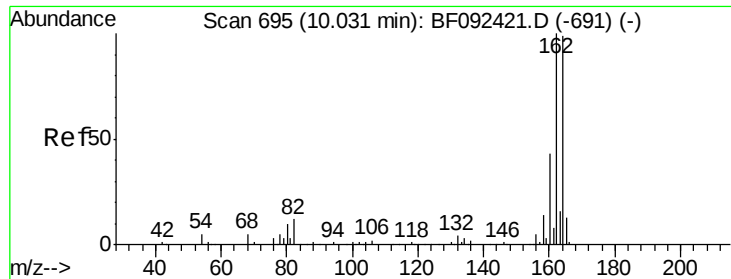
#25
 Isophorone
 Concen: 38.78 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092498.D
 Acq: 26 Jan 2017 1:10

Tgt Ion: 82 Resp: 859684
 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

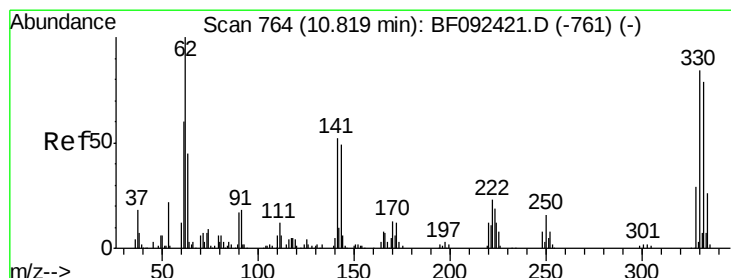
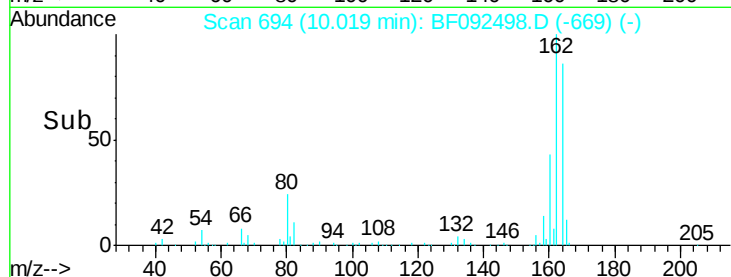
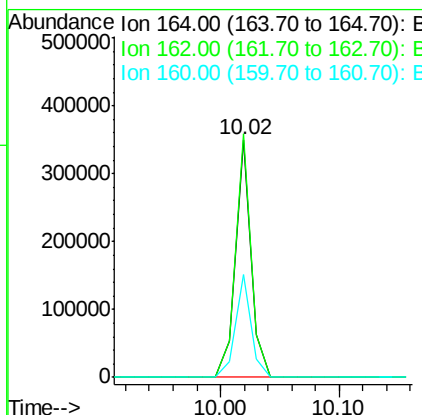
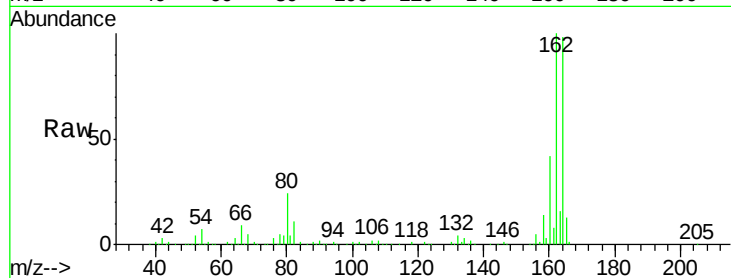




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092498.D
 Acq: 26 Jan 2017 1:10

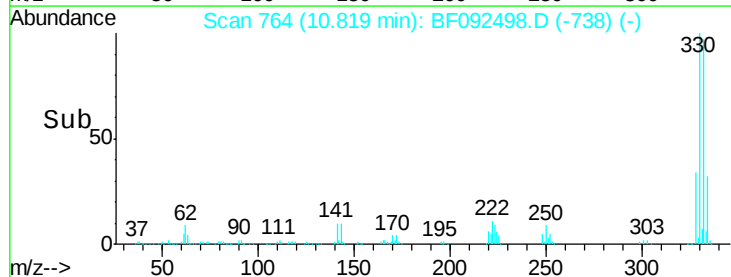
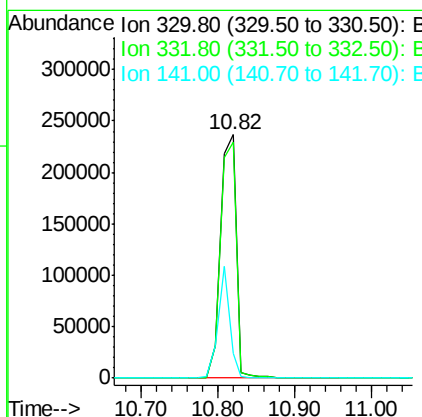
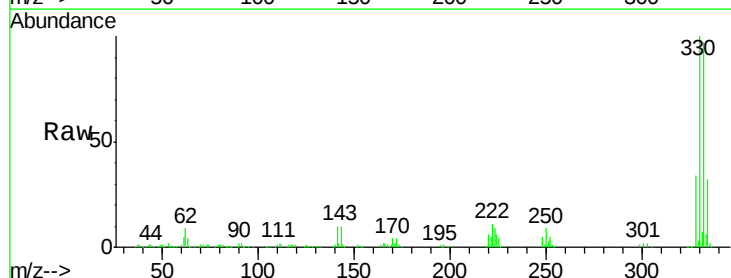
Instrument :
 BNA_F
 ClientSampleId :

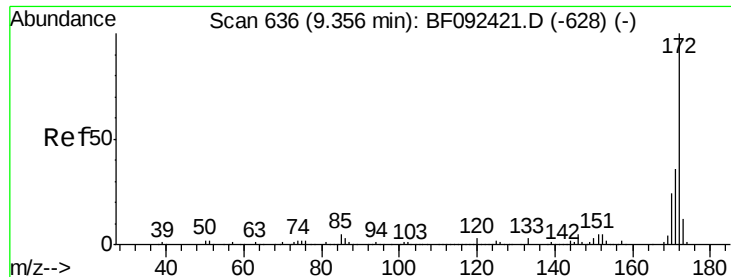
Tot Ion:164 Resp: 322293
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 43.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 156.80 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092498.D
 Acq: 26 Jan 2017 1:10

Tgt Ion:330 Resp: 344383
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 34.2 34.1 51.1

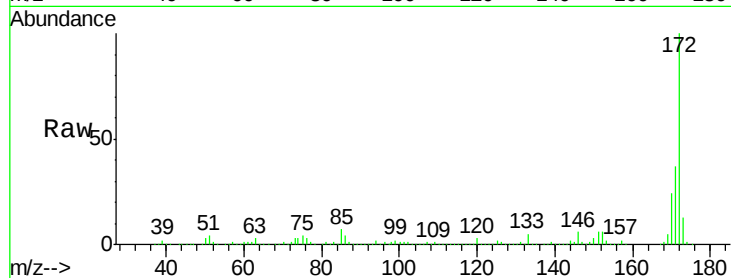




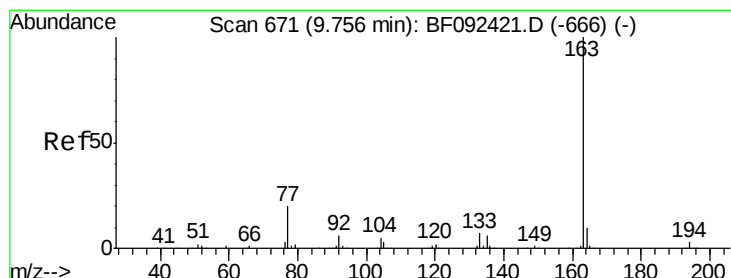
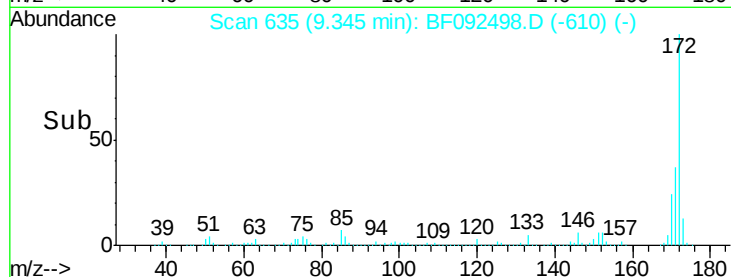
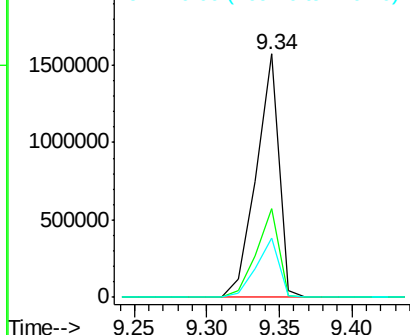
#44
2-Fluorobiphenyl
Concen: 98.13 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092498.D
Acq: 26 Jan 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1710297
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.4 20.2 30.4

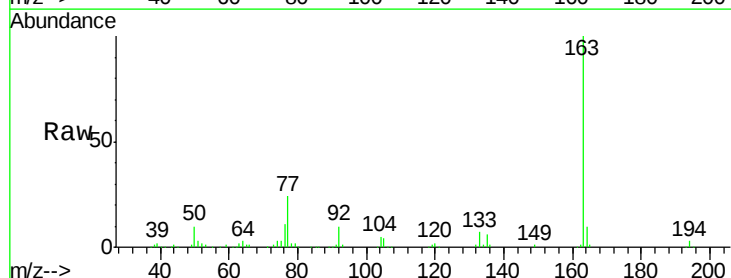


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

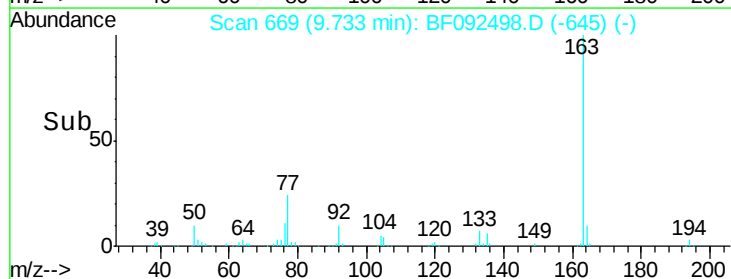
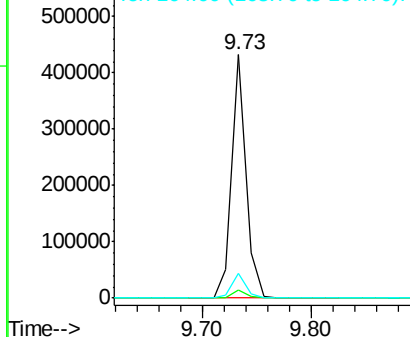


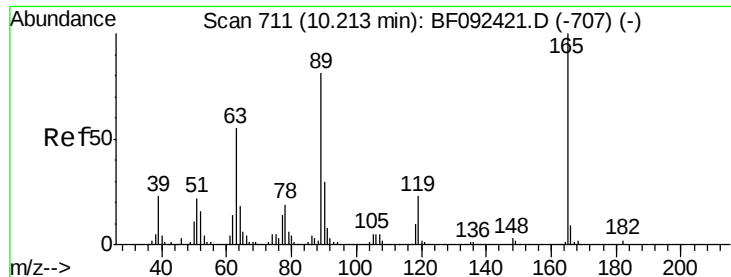
#49
Dimethylphthalate
Concen: 19.10 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092498.D
Acq: 26 Jan 2017 1:10

Tgt Ion:163 Resp: 391534
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.3 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





#56

2,4-Dinitrotoluene

Concen: 7.54 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.19 min

Lab File: BF092498.D

Acq: 26 Jan 2017 1:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 41927

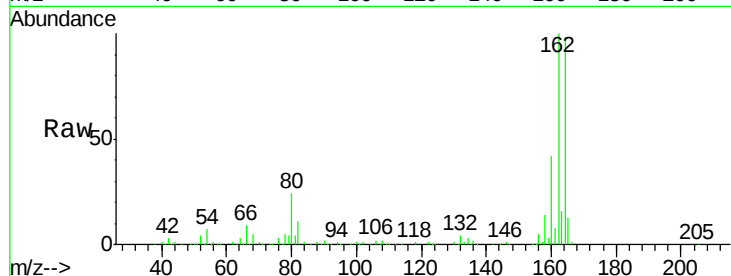
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 0.8 62.5 93.7#

182 0.0 1.8 2.8#

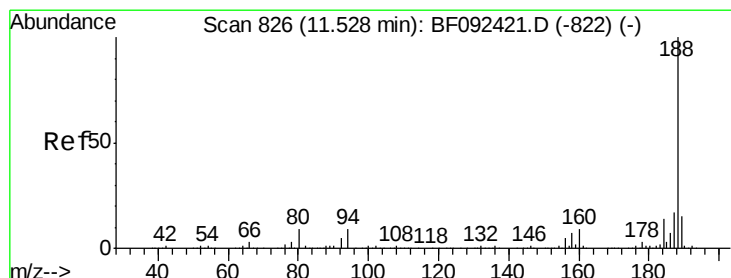
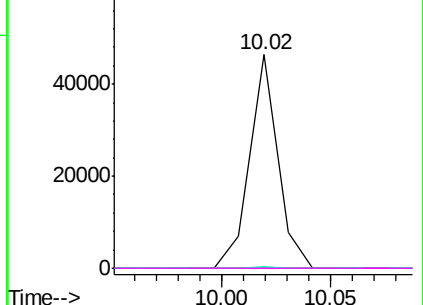
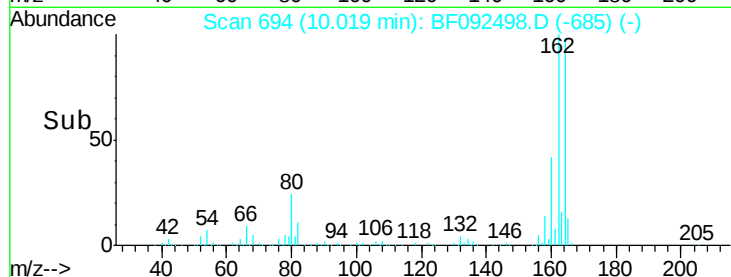


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF092498.D

Acq: 26 Jan 2017 1:10

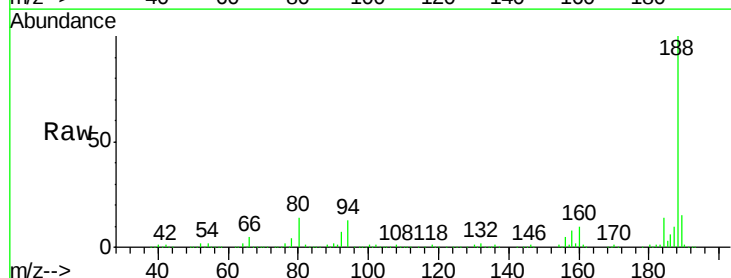
Tgt Ion:188 Resp: 550776

Ion Ratio Lower Upper

188 100

94 12.8 10.0 15.0

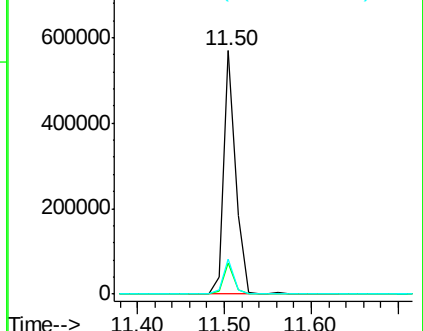
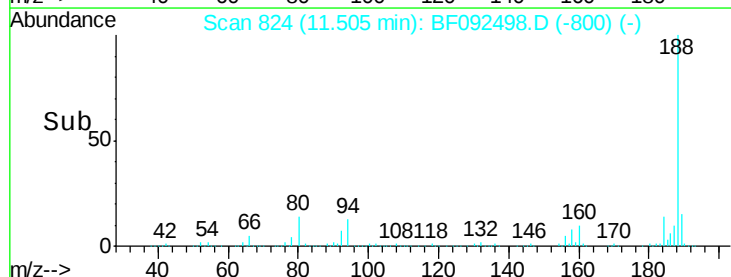
80 14.1 11.2 16.8

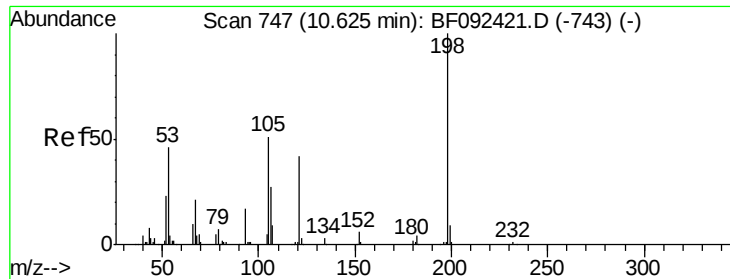


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.12 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.18 min

Lab File: BF092498.D

Acq: 26 Jan 2017 1:10

Instrument :

BNA_F

ClientSampleId :

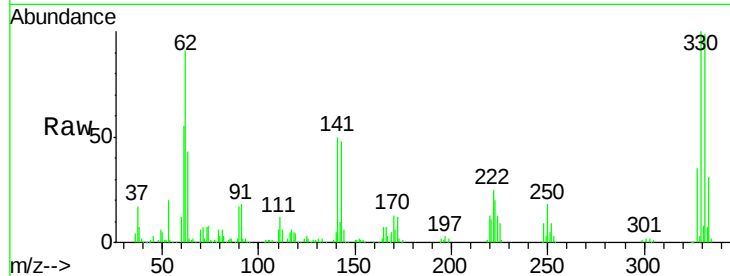
Tot Ion:198 Resp: 571

Ion Ratio Lower Upper

198 100

51 223.6 6.7 46.7#

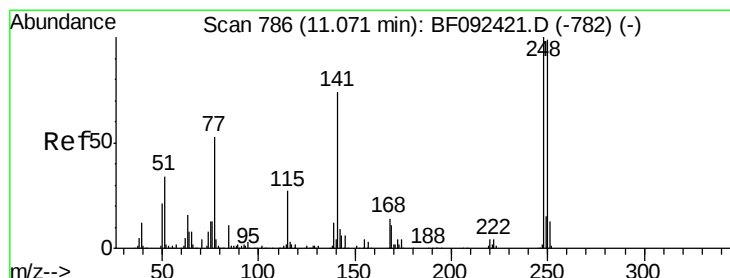
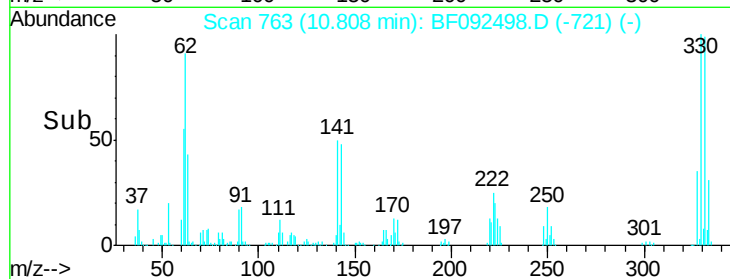
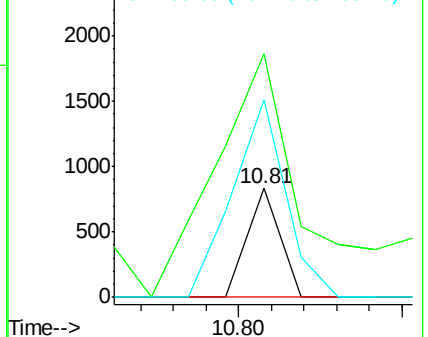
105 181.9 16.6 56.6#



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: 4.23 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.26 min

Lab File: BF092498.D

Acq: 26 Jan 2017 1:10

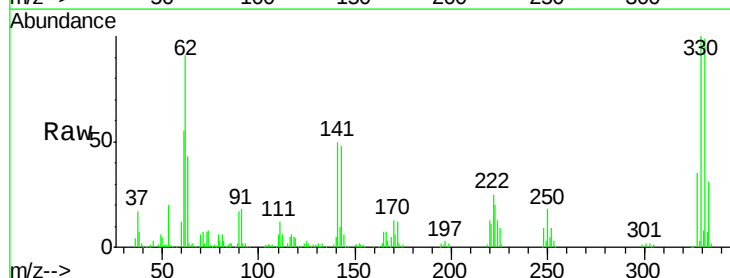
Tgt Ion:248 Resp: 23508

Ion Ratio Lower Upper

248 100

250 203.2 76.9 115.3#

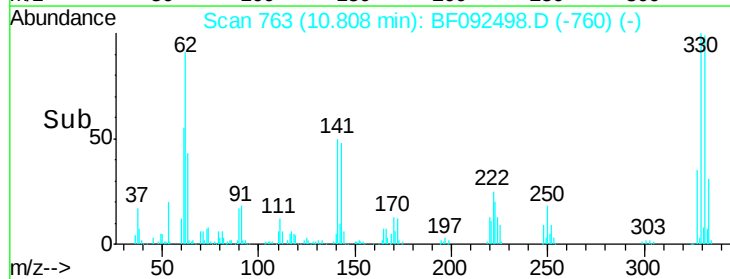
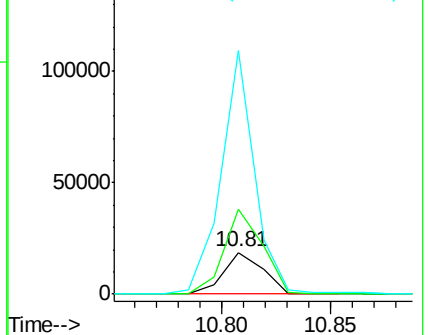
141 581.7 68.2 102.4#

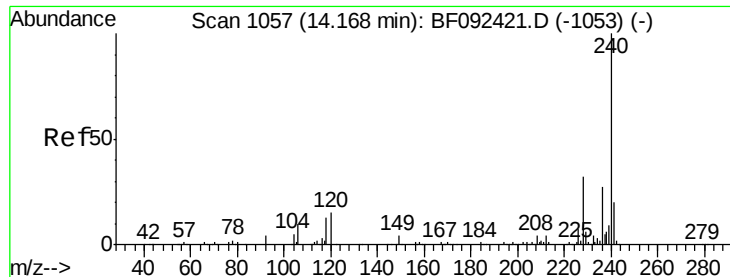


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092498.D

Acq: 26 Jan 2017 1:10

Instrument :

BNA_F

ClientSampleId :

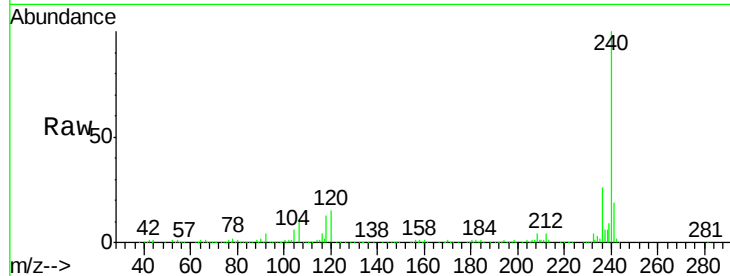
Tot Ion:240 Resp: 512677

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

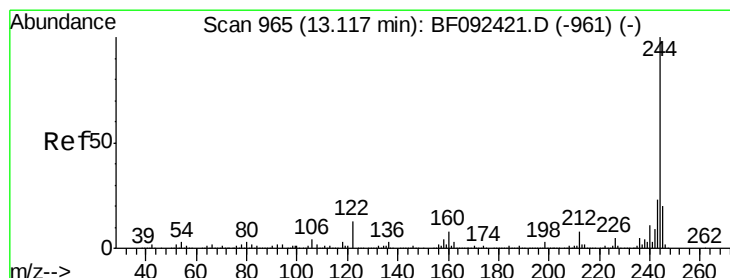
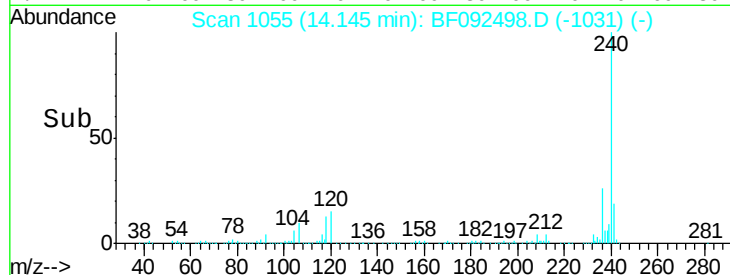
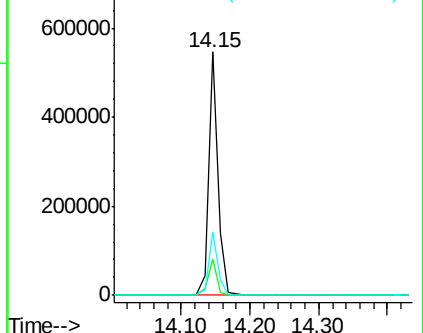
236 26.2 20.9 31.3



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: 83.63 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092498.D

Acq: 26 Jan 2017 1:10

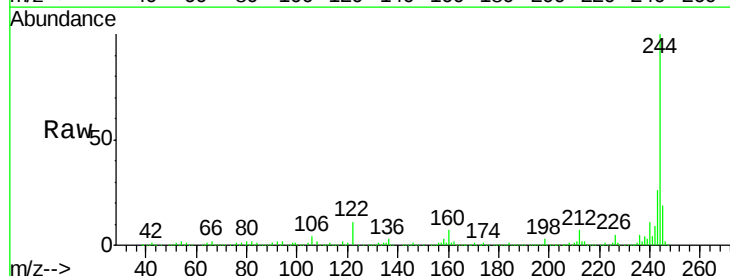
Tgt Ion:244 Resp: 1610085

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

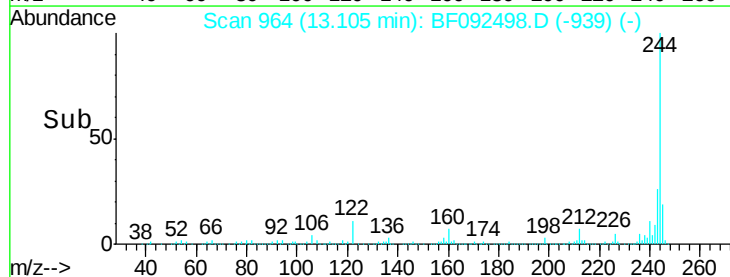
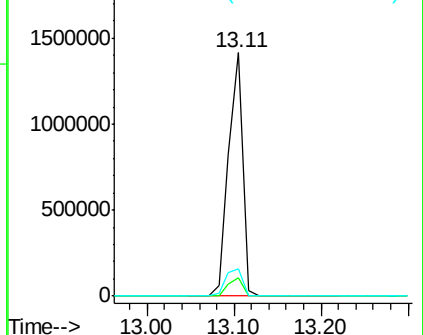
122 11.0 11.4 17.2

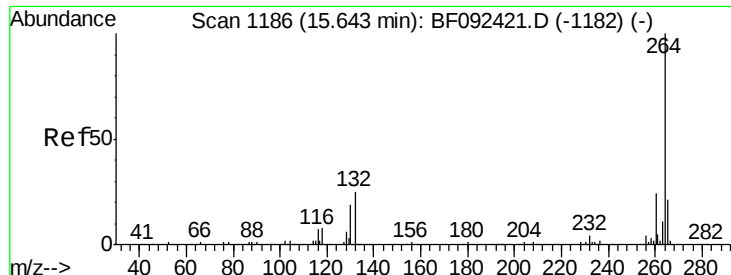


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

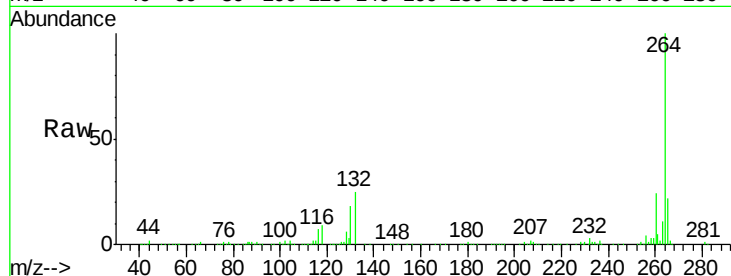




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092498.D
Acq: 26 Jan 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

