

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092496.D
 Acq On : 26 Jan 2017 00:14
 Operator : SJ/MA
 Sample : I1398-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:59:18 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

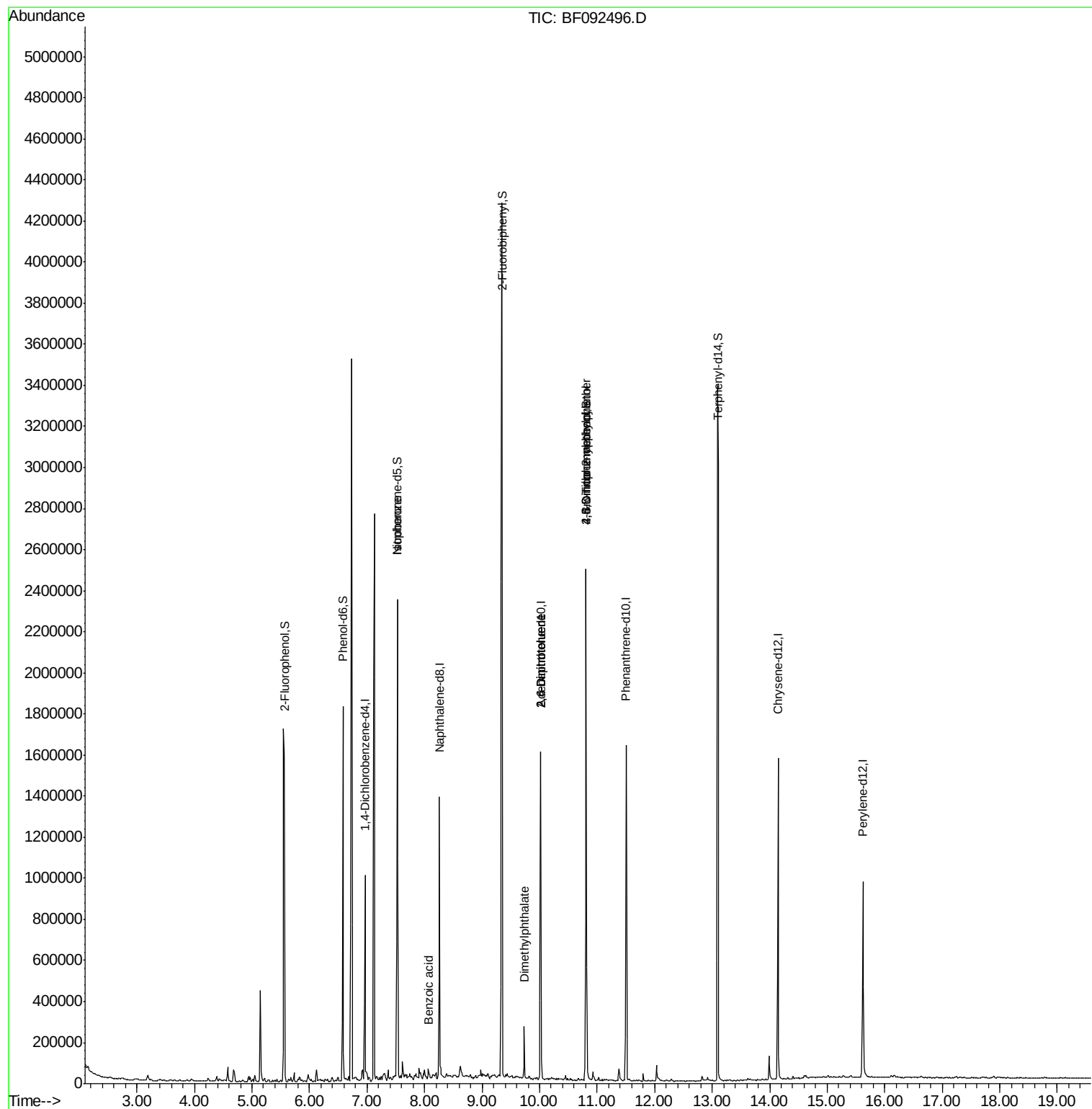
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154609	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	627913	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	335810	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	562599	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	540971	20.00	ng	-0.02
86) Perylene-d12	15.62	264	448981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	660655	66.48	ng	0.01
7) Phenol-d6	6.58	99	524794	41.46	ng	-0.01
23) Nitrobenzene-d5	7.53	82	944934	82.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	310557	135.71	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1659154	91.36	ng	-0.01
78) Terphenyl-d14	13.11	244	1611246	79.31	ng	-0.01
Target Compounds						
25) Isophorone	7.53	82	787094	34.75	ng	# 65
32) Benzoic acid	8.06	122	254	4.72	ng	# 1
49) Dimethylphthalate	9.73	163	97312	4.56	ng	100
50) 2,6-Dinitrotoluene	10.02	165	43557	9.98	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	43560	7.52	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.81	198	635	5.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	21664	3.81	ng	# 1

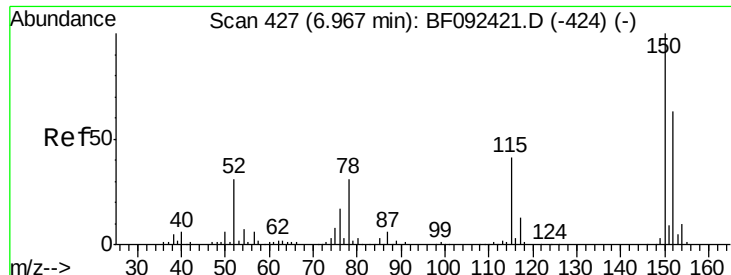
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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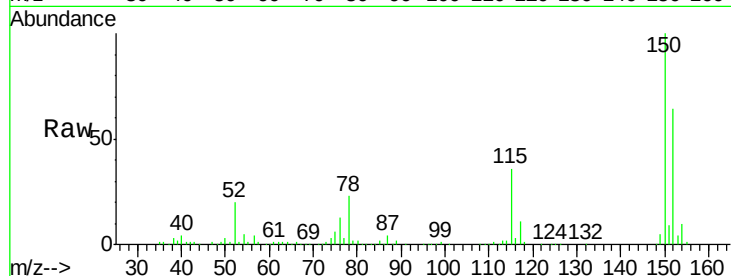


#1

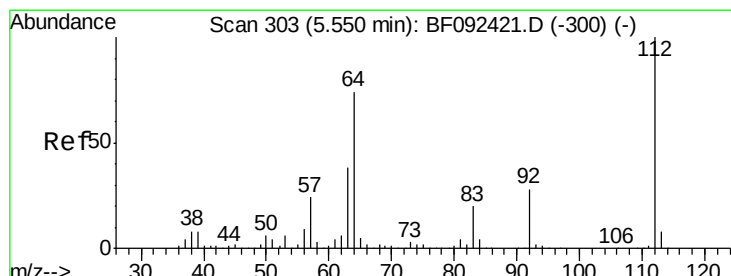
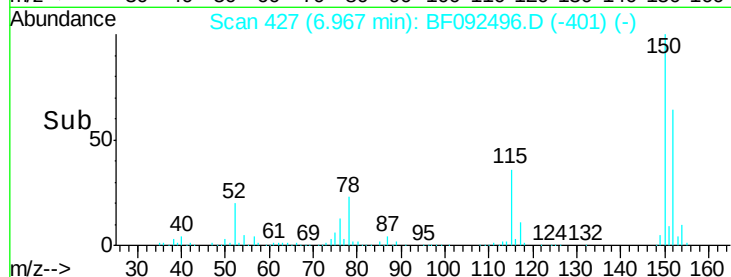
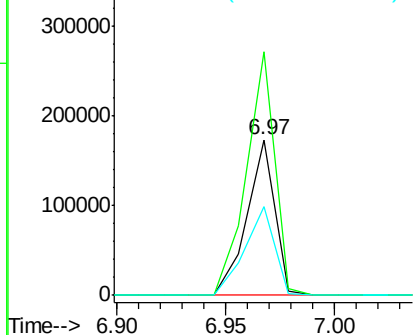
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092496.D
Acq: 26 Jan 2017 00:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154609
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 56.6 46.0 69.0



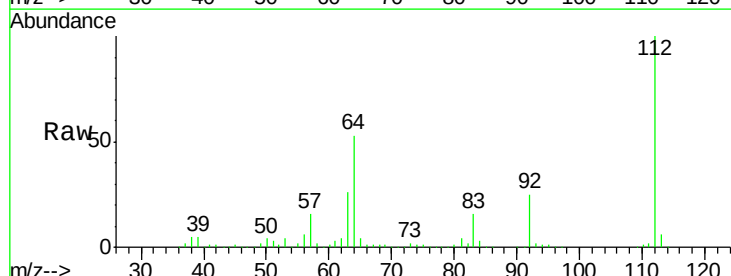
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



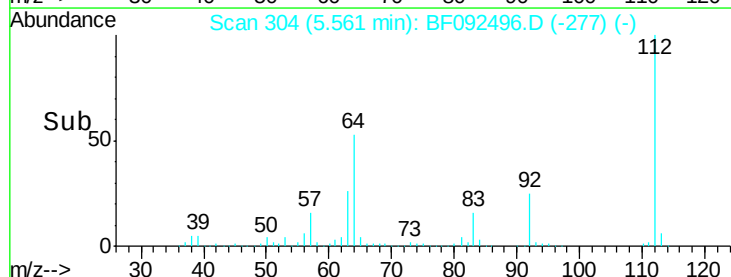
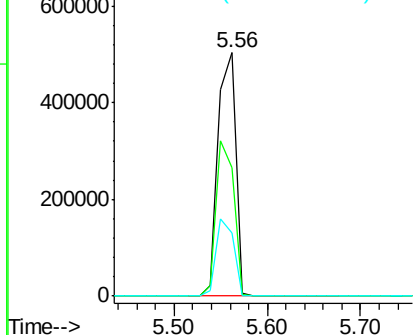
#5

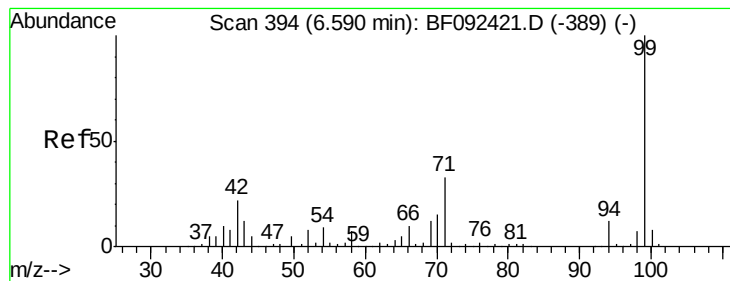
2-Fluorophenol
Concen: 66.48 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092496.D
Acq: 26 Jan 2017 00:14

Tgt Ion:112 Resp: 660655
Ion Ratio Lower Upper
112 100
64 52.7 46.1 69.1
63 25.9 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: 41.46 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

Instrument :

BNA_F

ClientSampleId :

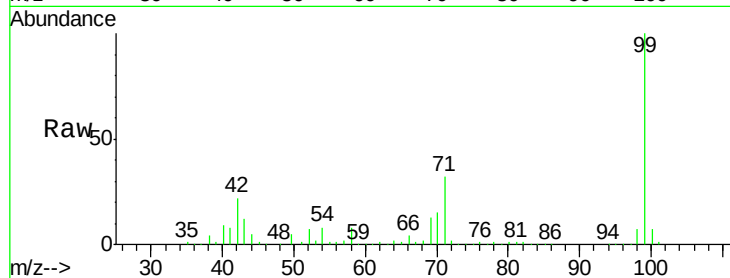
Tot Ion: 99 Resp: 524794

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

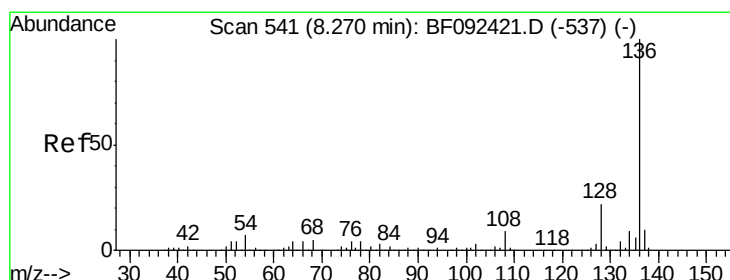
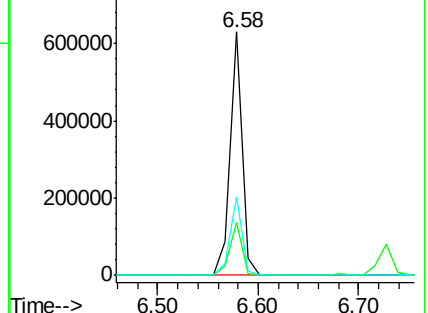
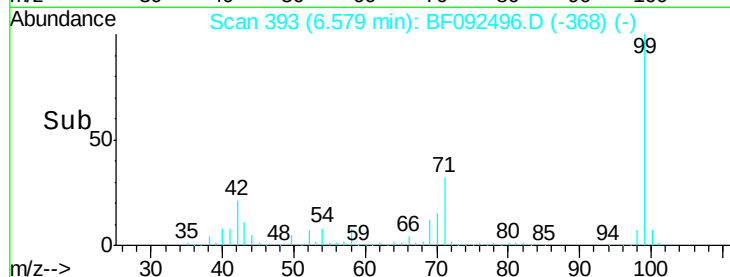
71 32.5 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

Tgt Ion: 136 Resp: 627913

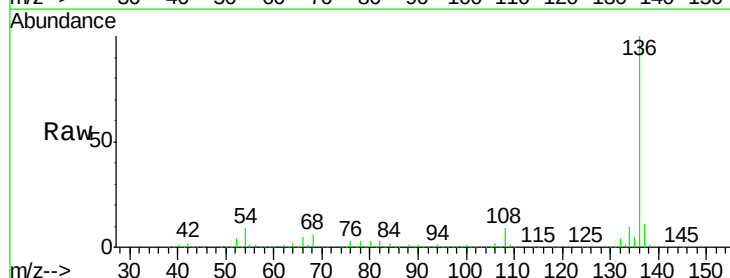
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.0 4.5 6.7#

68 6.5 3.6 5.4#

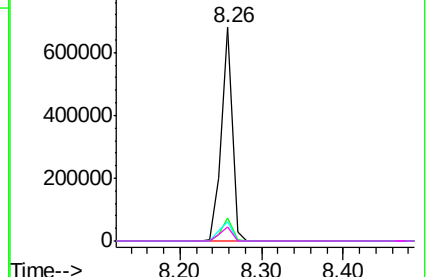
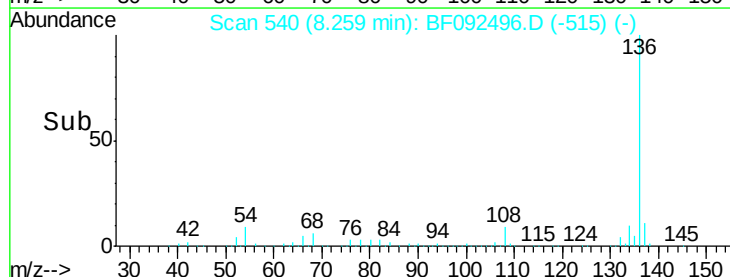


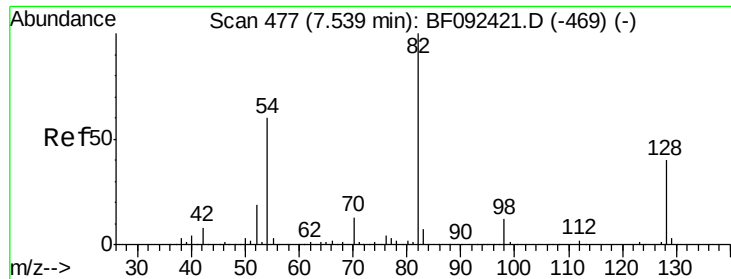
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

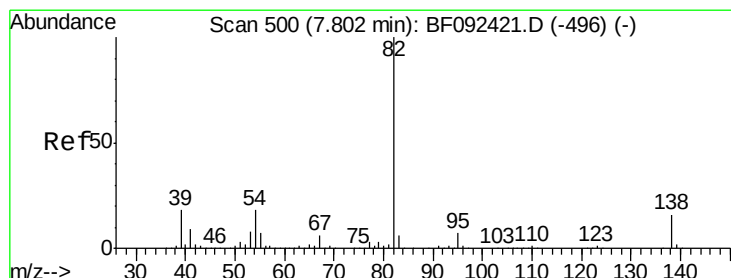
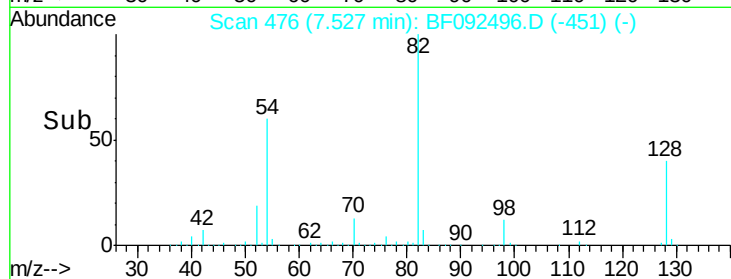
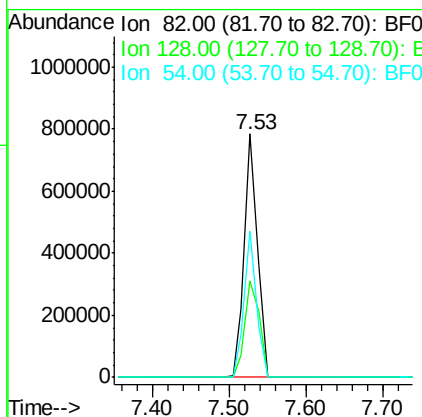
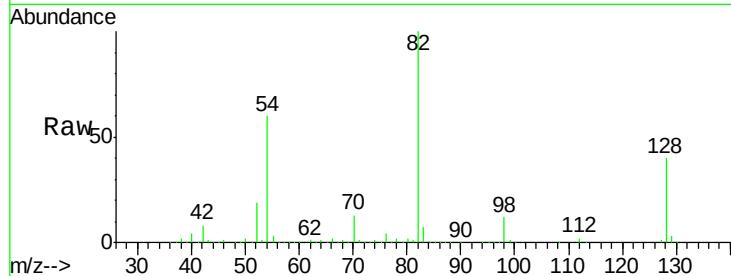




#23
 Nitrobenzene-d5
 Concen: 82.20 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092496.D
 Acq: 26 Jan 2017 00:14

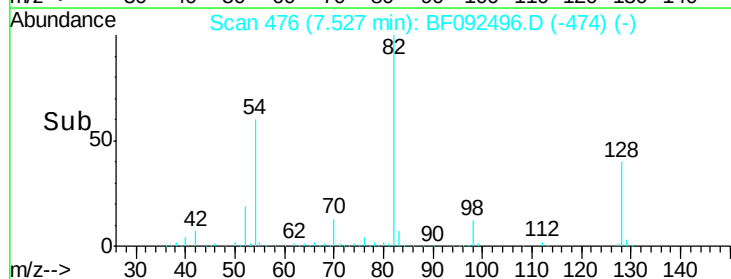
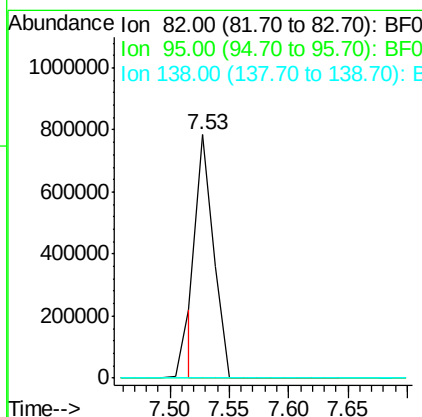
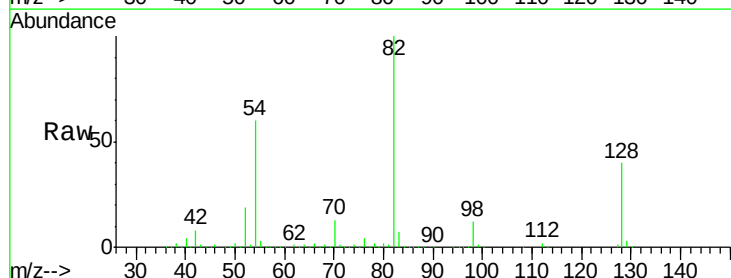
Instrument :
 BNA_F
 ClientSampleId :

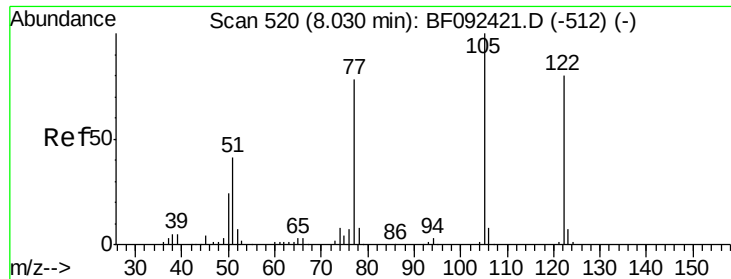
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	52.0
54	60.0	39.5	59.3#



#25
 Isophorone
 Concen: 34.75 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092496.D
 Acq: 26 Jan 2017 00:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#

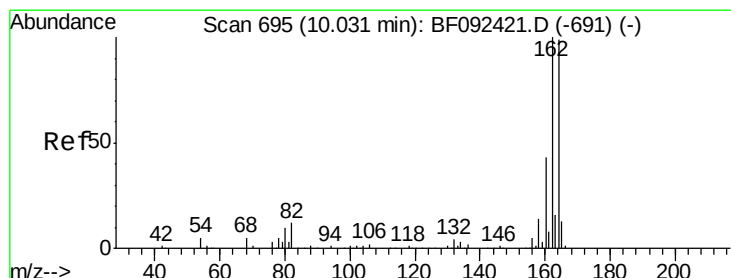
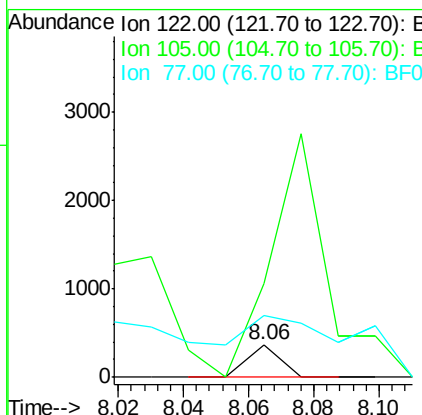
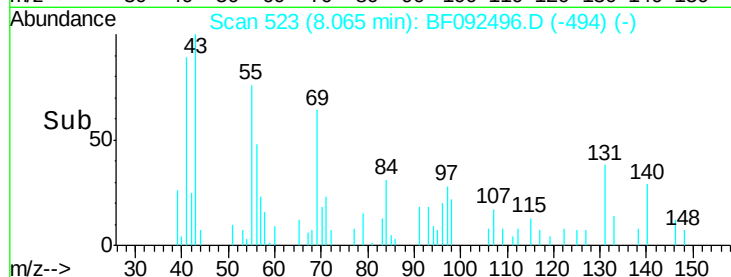
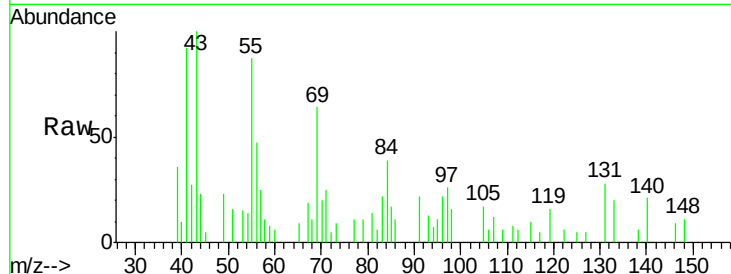




#32
Benzoic acid
Concen: 4.72 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.03 min
Lab File: BF092496.D
Acq: 26 Jan 2017 00:14

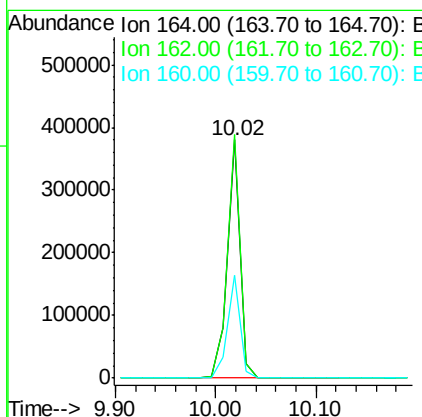
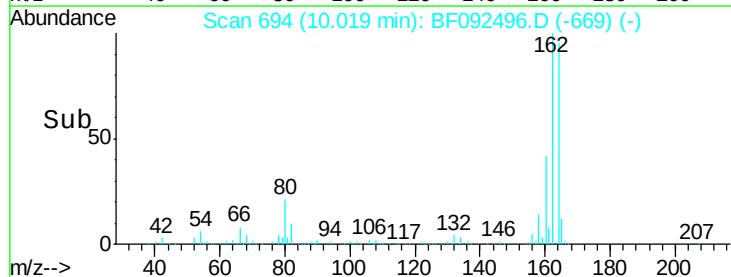
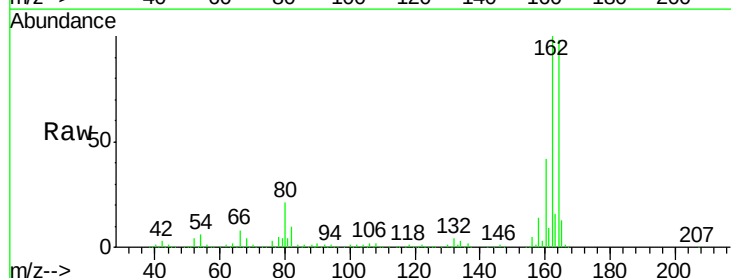
Instrument :
BNA_F
ClientSampleId :

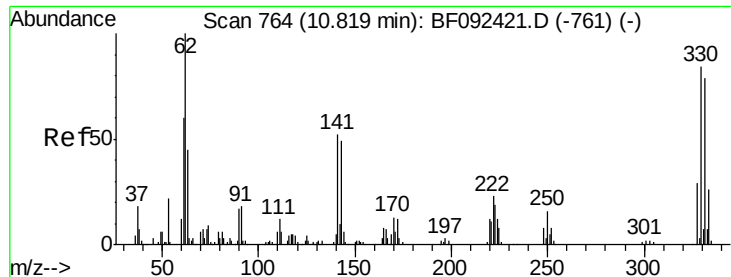
Tot Ion:122 Resp: 254
Ion Ratio Lower Upper
122 100
105 286.0 107.2 147.2#
77 187.9 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092496.D
Acq: 26 Jan 2017 00:14

Tgt Ion:164 Resp: 335810
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 43.4 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 135.71 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

Instrument :

BNA_F

ClientSampleId :

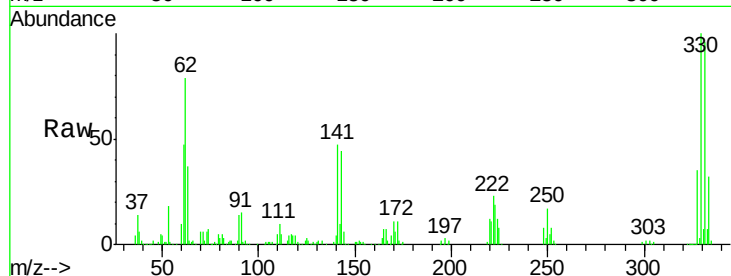
Tot Ion:330 Resp: 310557

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

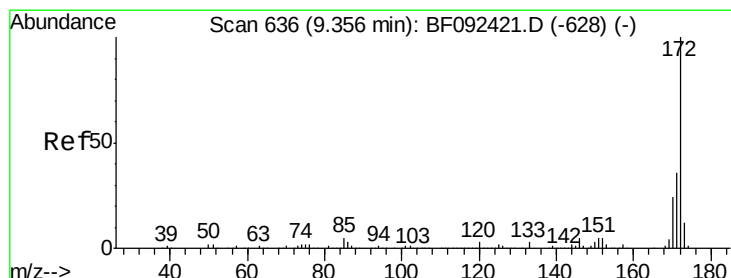
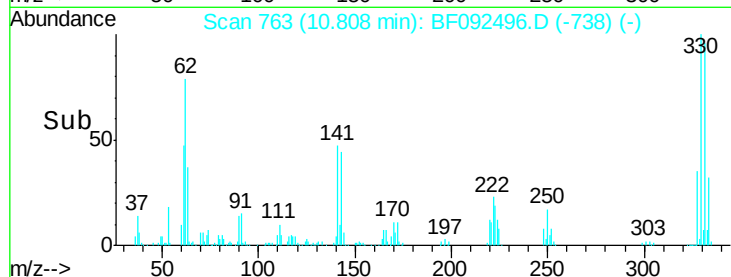
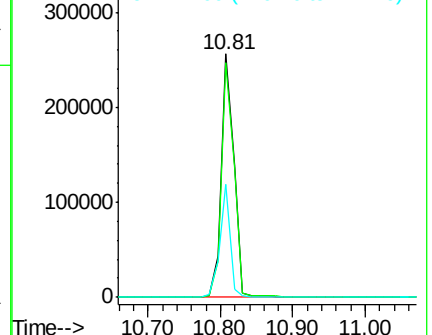
141 38.4 34.1 51.1



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: 91.36 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

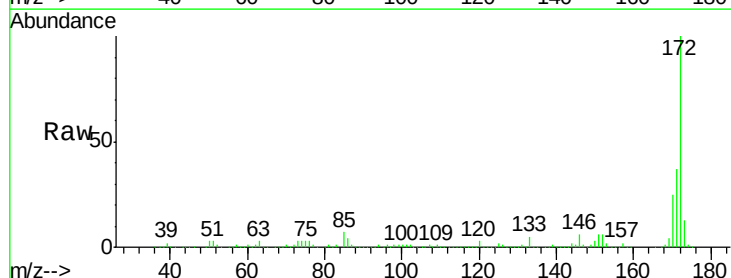
Tgt Ion:172 Resp: 1659154

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

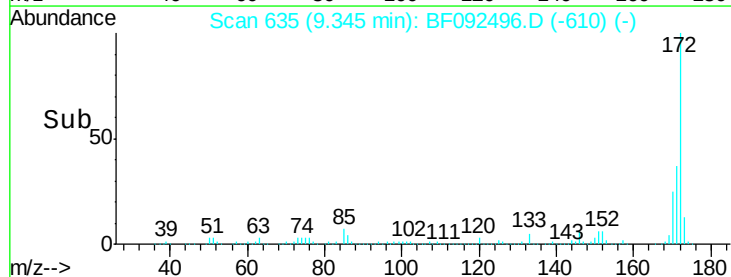
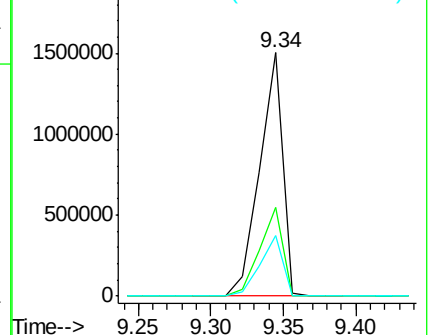
170 24.7 20.2 30.4

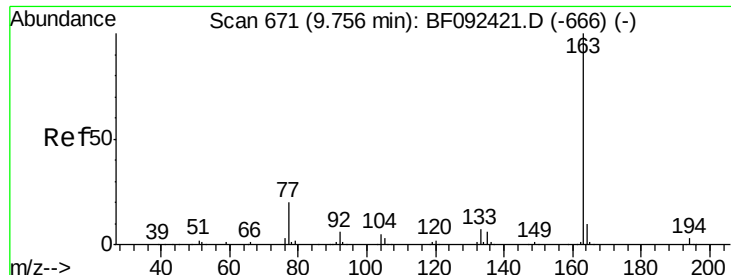


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

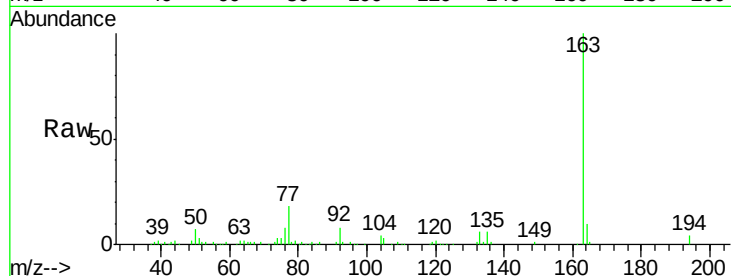




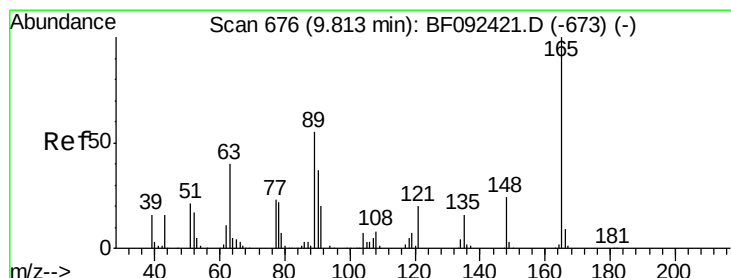
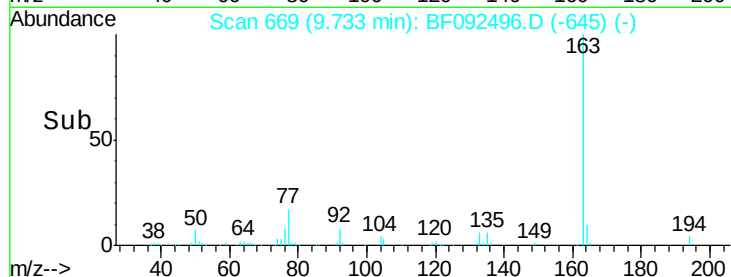
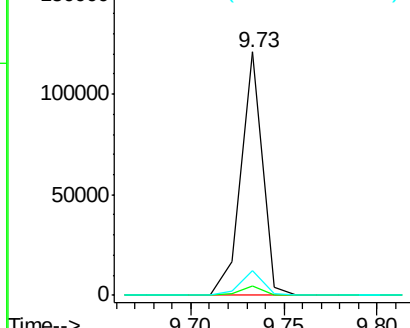
#49
Dimethylphthalate
Concen: 4.56 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092496.D
Acq: 26 Jan 2017 00:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 97312
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.9 8.0 12.0

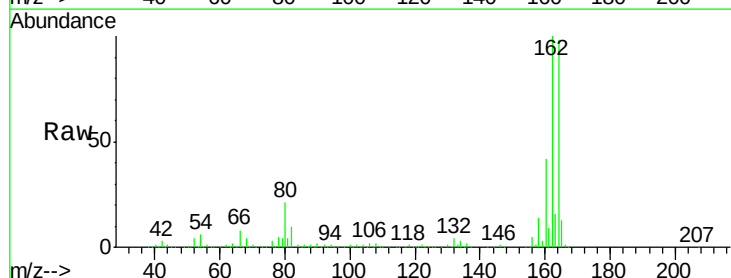


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

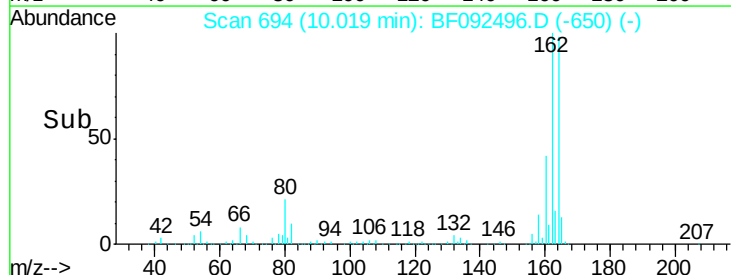
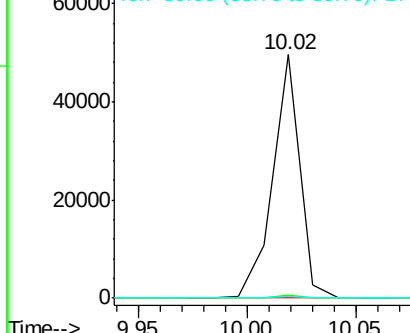


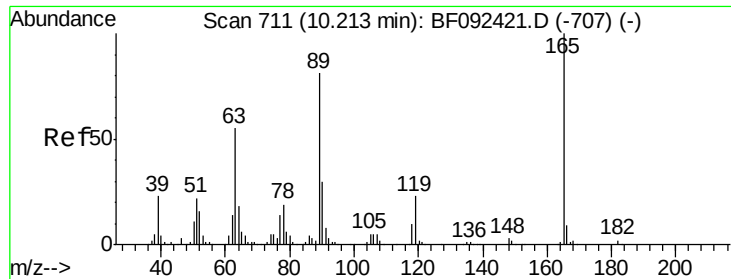
#50
2,6-Dinitrotoluene
Concen: 9.98 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092496.D
Acq: 26 Jan 2017 00:14

Tgt Ion:165 Resp: 43557
Ion Ratio Lower Upper
165 100
63 1.4 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: 7.52 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.19 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 43560

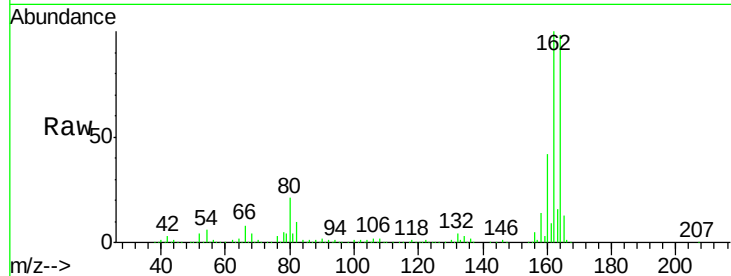
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

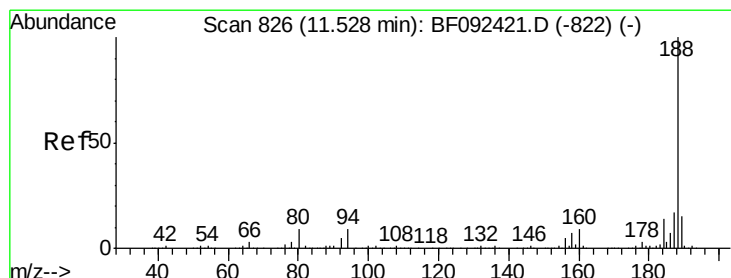
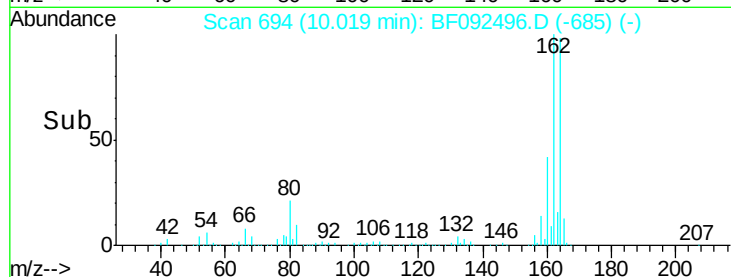
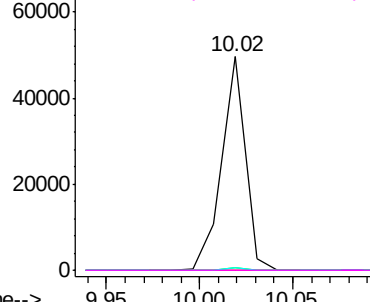


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF092496.D

Acq: 26 Jan 2017 00:14

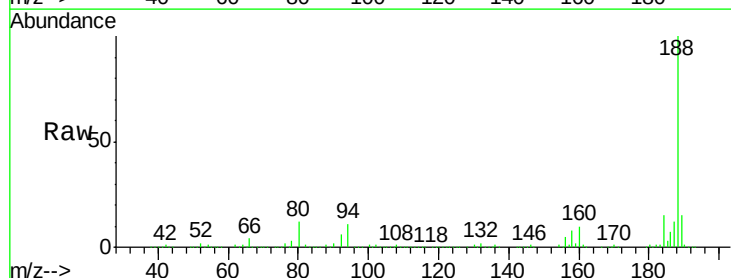
Tgt Ion:188 Resp: 562599

Ion Ratio Lower Upper

188 100

94 11.0 10.0 15.0

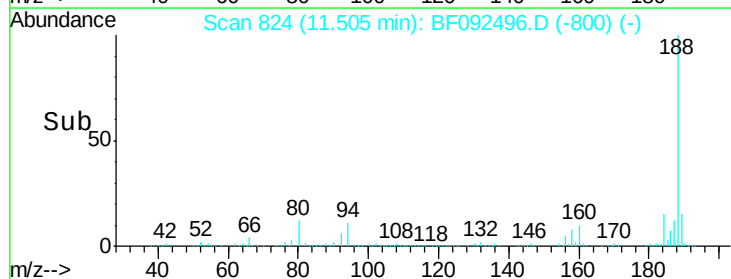
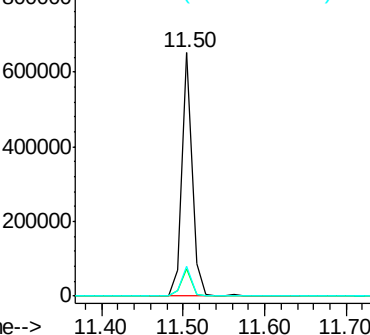
80 12.1 11.2 16.8

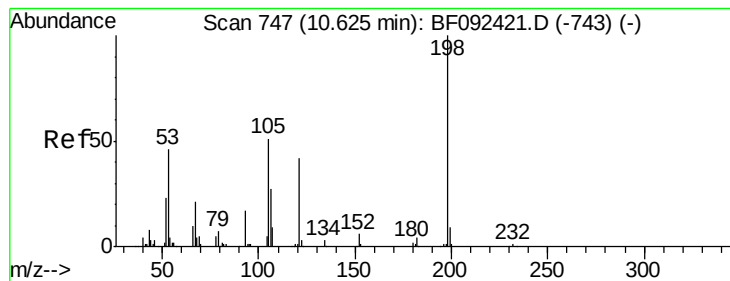


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.14 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.18 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

Instrument :

BNA_F

ClientSampled :

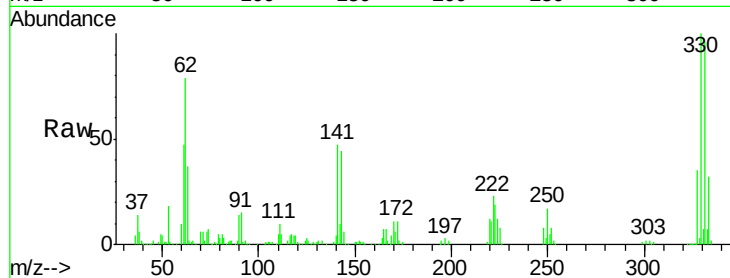
Tot Ion:198 Resp: 635

Ion Ratio Lower Upper

198 100

51 225.5 6.7 46.7#

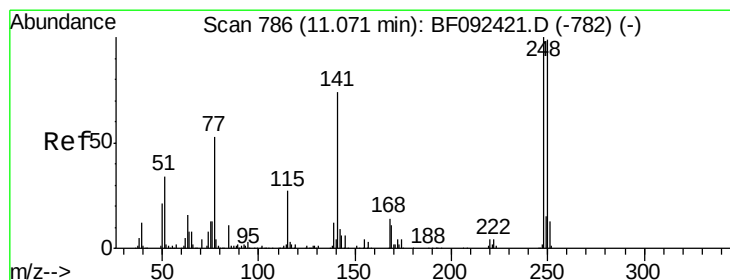
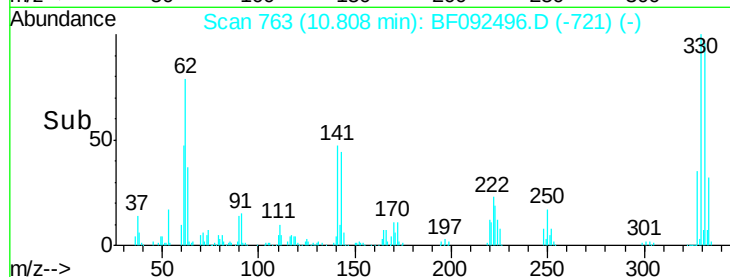
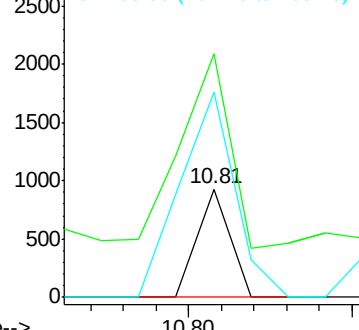
105 190.0 16.6 56.6#



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: 3.81 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.26 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

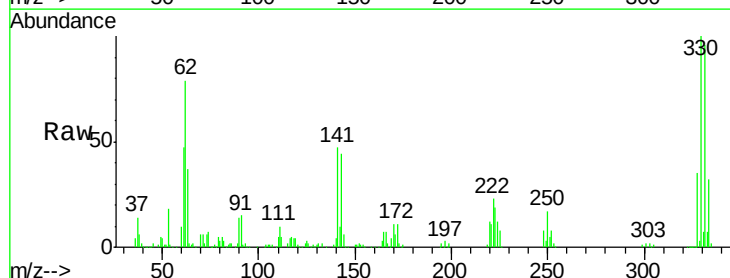
Tgt Ion:248 Resp: 21664

Ion Ratio Lower Upper

248 100

250 199.2 76.9 115.3#

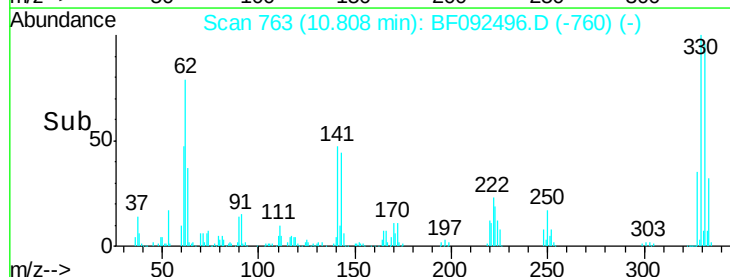
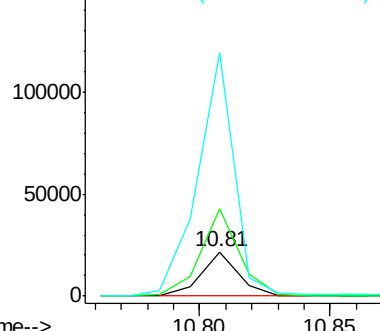
141 552.1 68.2 102.4#

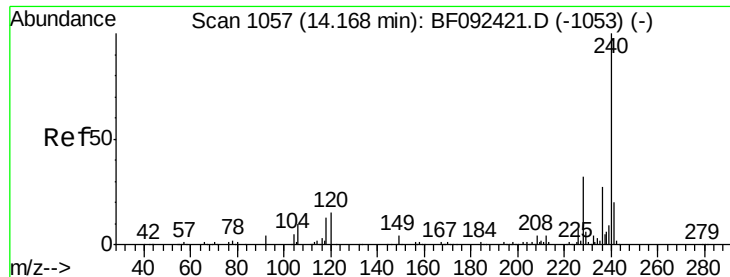


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

Instrument :

BNA_F

ClientSampleId :

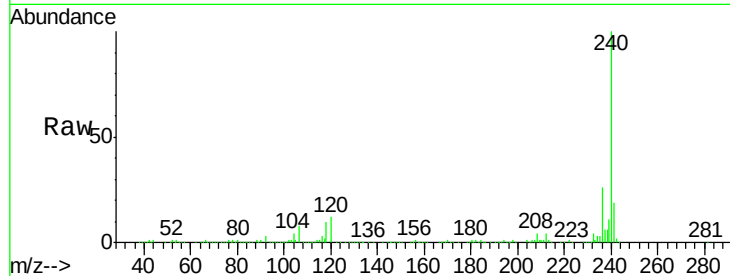
Tot Ion:240 Resp: 540971

Ion Ratio Lower Upper

240 100

120 12.2 12.9 19.3#

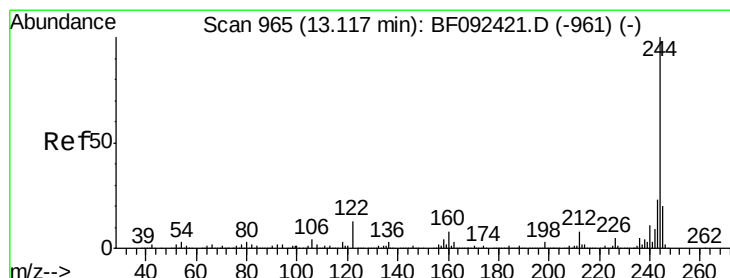
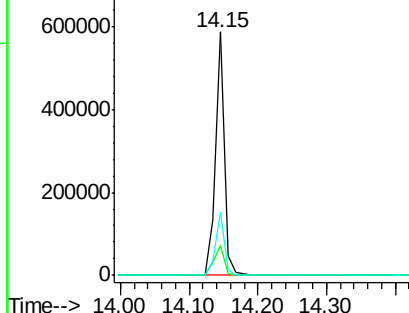
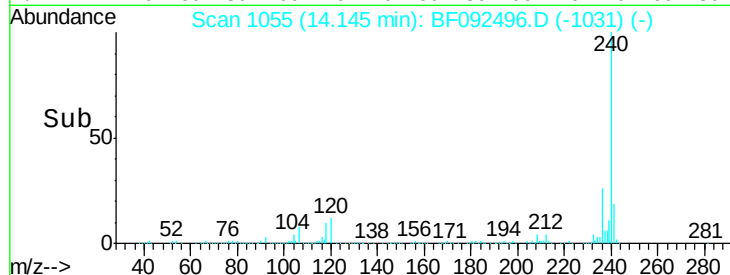
236 26.1 20.9 31.3



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: 79.31 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092496.D

Acq: 26 Jan 2017 00:14

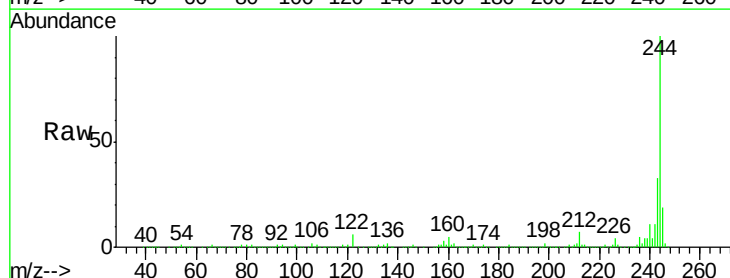
Tgt Ion:244 Resp: 1611246

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

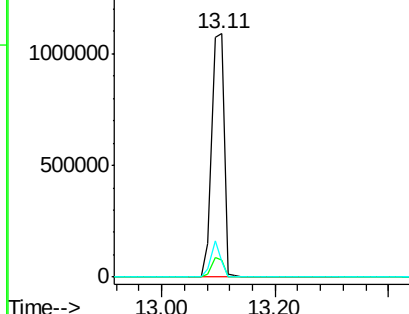
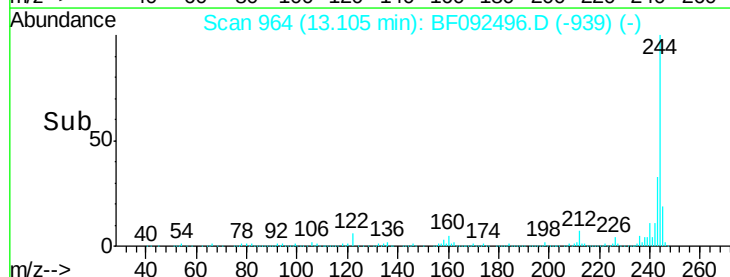
122 6.4 11.4 17.2#

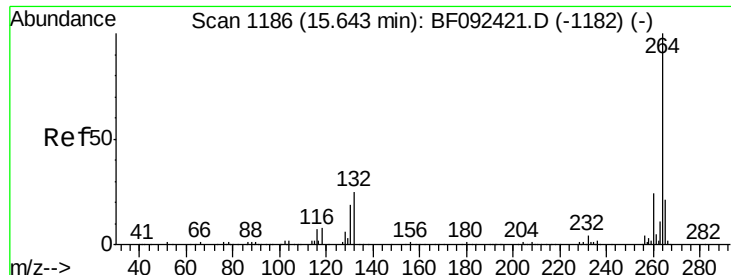


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

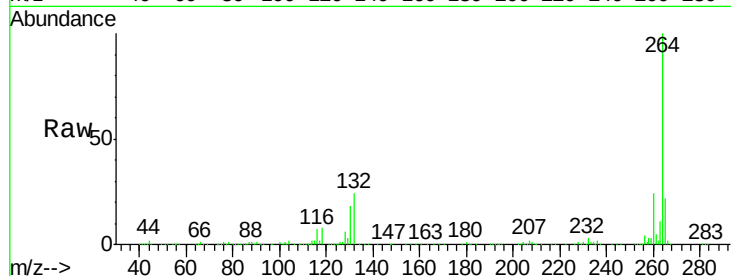




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092496.D
Acq: 26 Jan 2017 00:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

