

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092495.D
 Acq On : 25 Jan 2017 23:47
 Operator : SJ/MA
 Sample : I1398-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:59:02 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

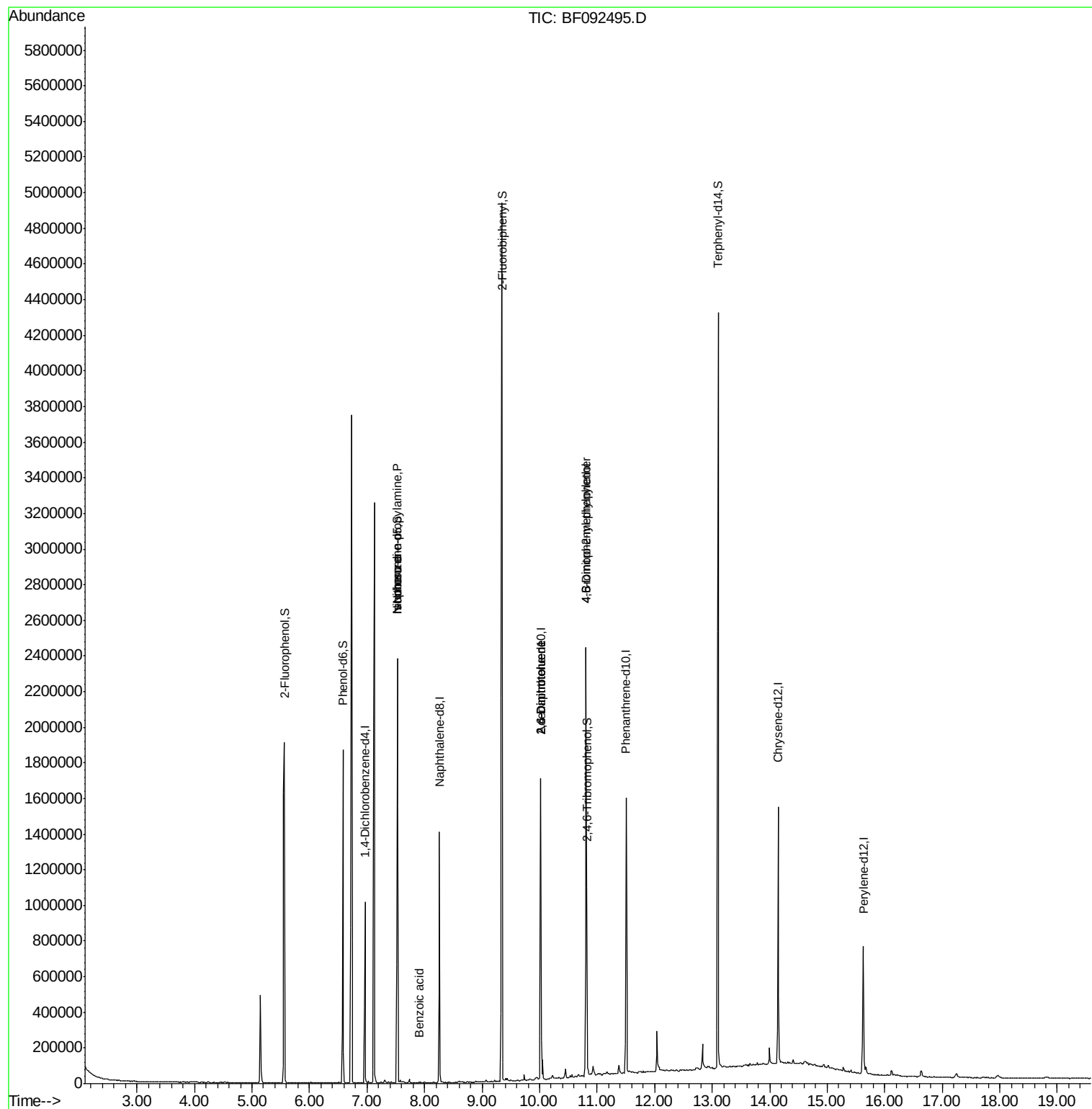
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164443	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	662398	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	348744	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	573428	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	508908	20.00	ng	-0.02
86) Perylene-d12	15.63	264	400443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	700622	66.29	ng	0.01
7) Phenol-d6	6.58	99	539454	40.07	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1070709	88.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	360371	151.64	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1728918	91.67	ng	-0.01
78) Terphenyl-d14	13.11	244	1573635	82.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	139837	15.25	ng	# 85
25) Isophorone	7.53	82	911354	38.14	ng	# 65
32) Benzoic acid	7.90	122	451	4.74	ng	# 24
50) 2,6-Dinitrotoluene	10.02	165	46265	10.21	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	46257	7.69	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.81	198	943	5.22	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	23952	4.14	ng	# 1

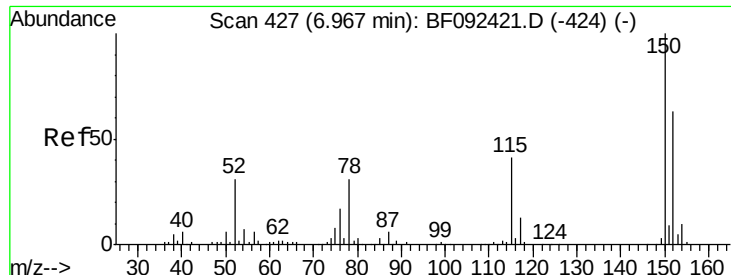
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092495.D
Acq On : 25 Jan 2017 23:47
Operator : SJ/MA
Sample : I1398-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 26 09:59:02 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



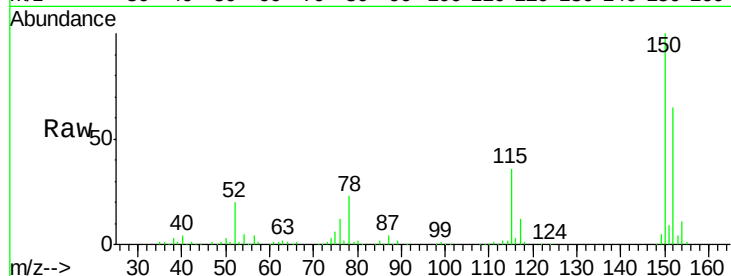


#1

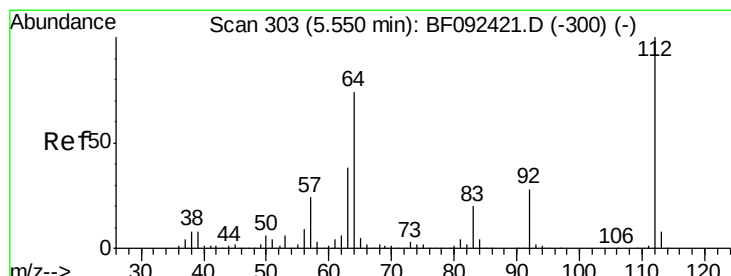
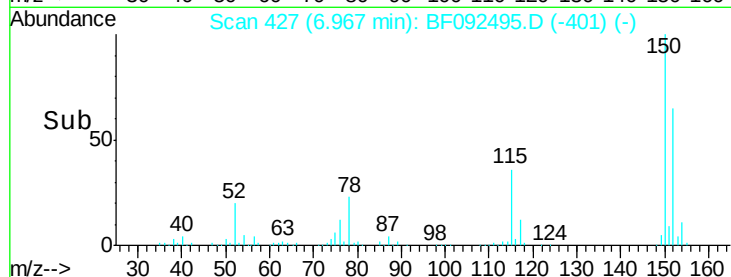
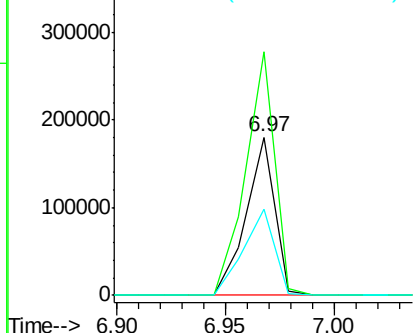
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092495.D
Acq: 25 Jan 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164443
Ion Ratio Lower Upper
152 100
150 154.0 124.9 187.3
115 54.7 46.0 69.0



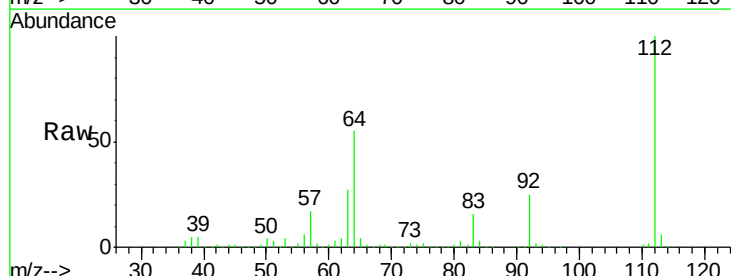
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



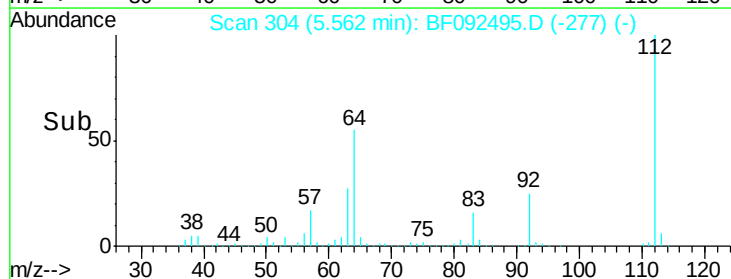
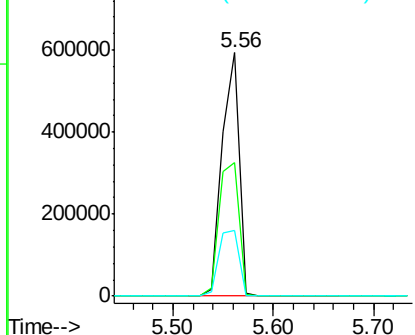
#5

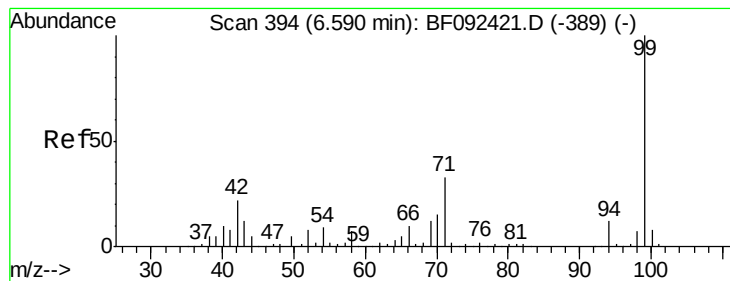
2-Fluorophenol
Concen: 66.29 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092495.D
Acq: 25 Jan 2017 23:47

Tgt Ion:112 Resp: 700622
Ion Ratio Lower Upper
112 100
64 54.9 46.1 69.1
63 26.9 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: 40.07 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampleId :

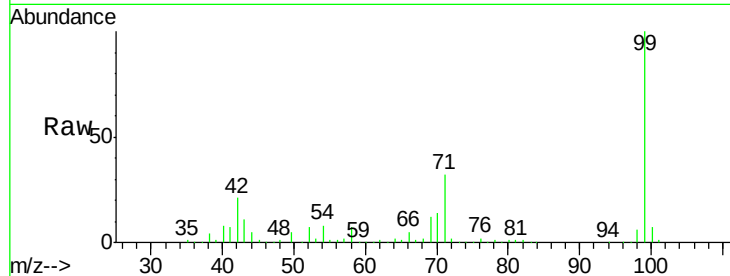
Tot Ion: 99 Resp: 539454

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

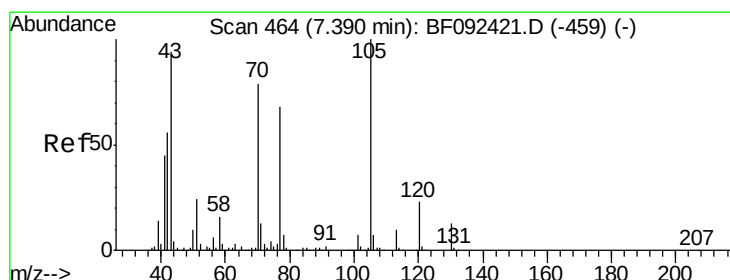
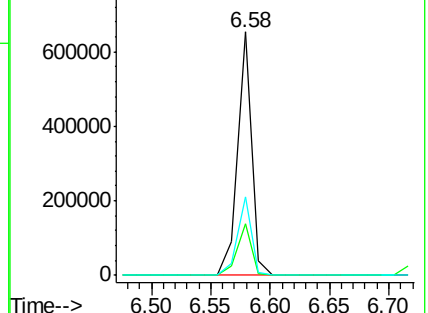
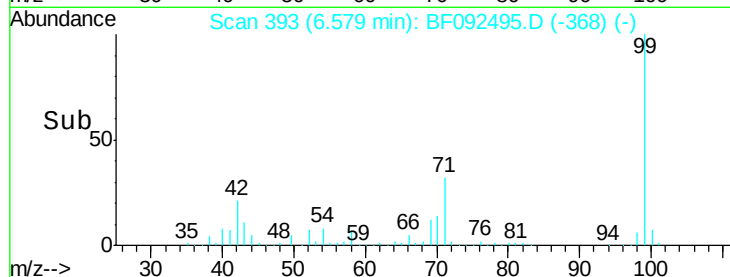
71 32.4 27.5 41.3



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: 15.25 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Tgt Ion: 70 Resp: 139837

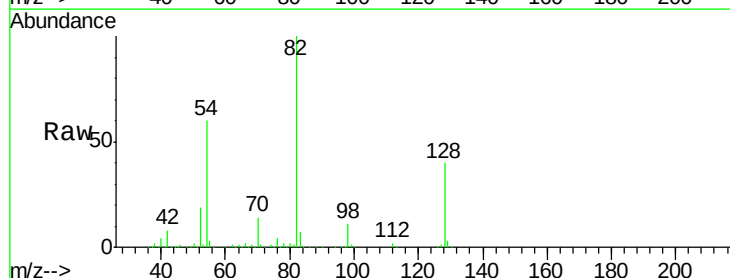
Ion Ratio Lower Upper

70 100

42 56.1 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

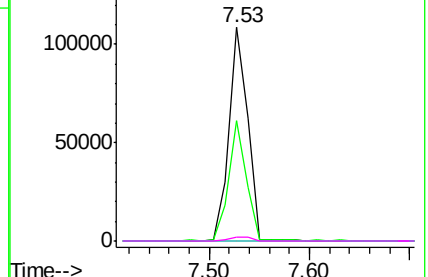
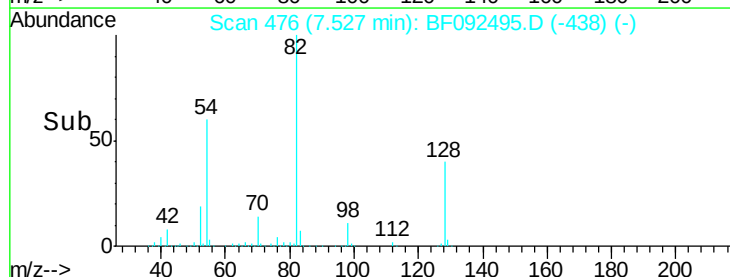


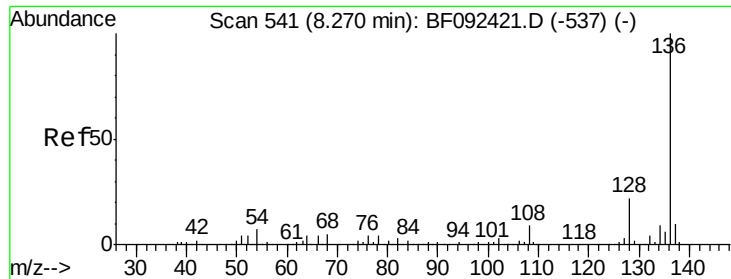
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

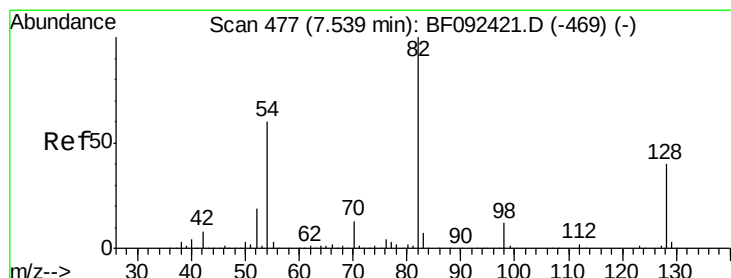
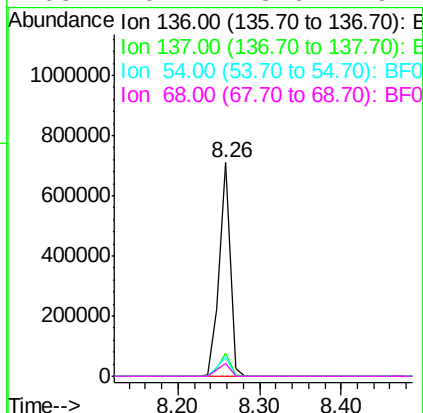
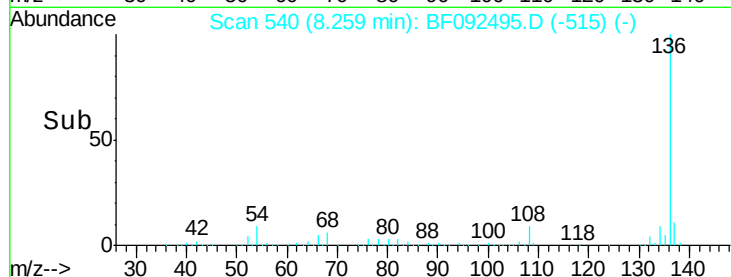
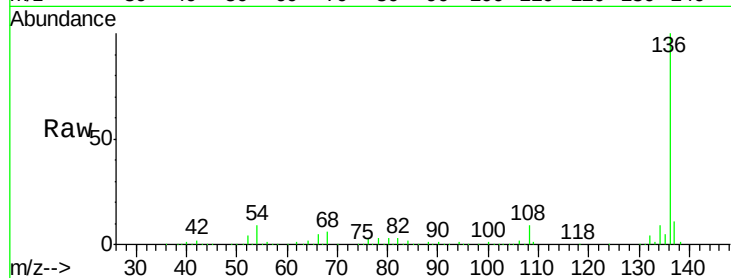




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092495.D
Acq: 25 Jan 2017 23:47

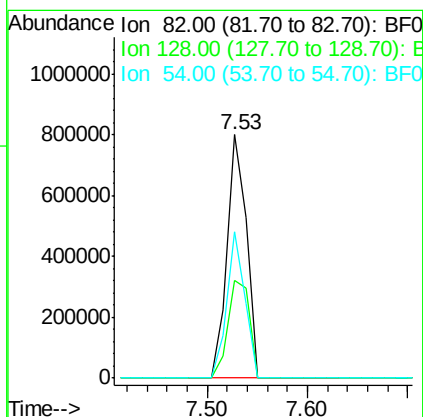
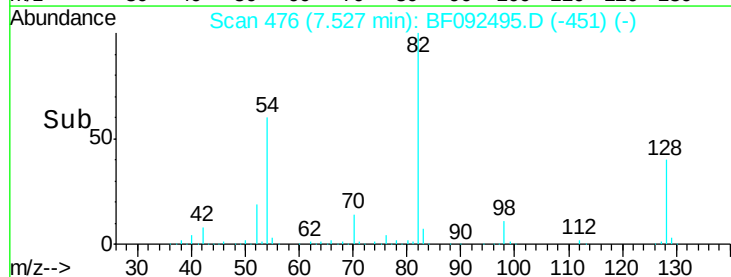
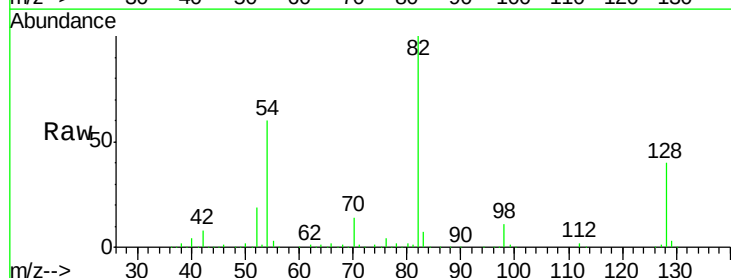
Instrument :
BNA_F
ClientSampleId :

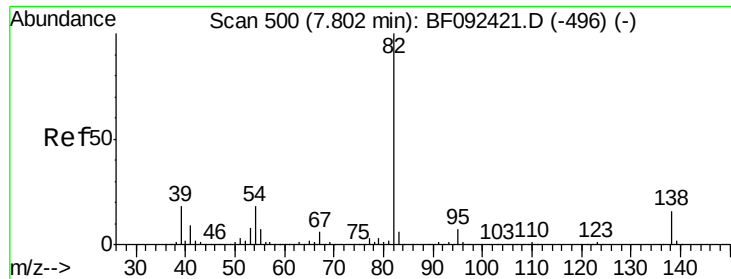
Tot Ion:136	Resp:	662398
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.4 12.6
54	8.9	4.5 6.7#
68	6.2	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 88.30 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092495.D
Acq: 25 Jan 2017 23:47

Tgt Ion: 82	Resp:	1070709
Ion Ratio	Lower	Upper
82	100	
128	40.1	34.6 52.0
54	59.9	39.5 59.3#





#25

Isophorone

Concen: 38.14 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampled :

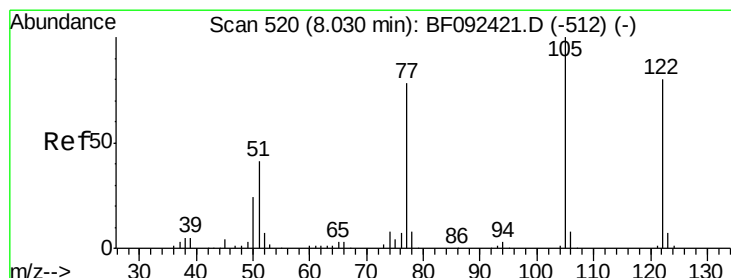
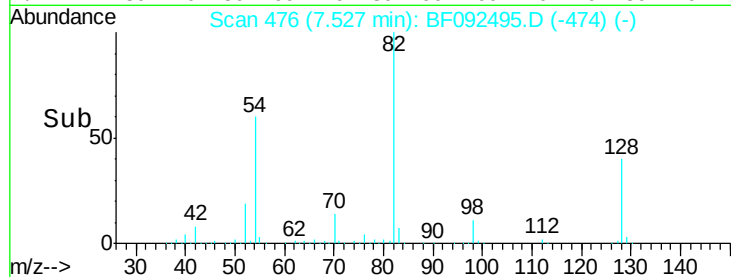
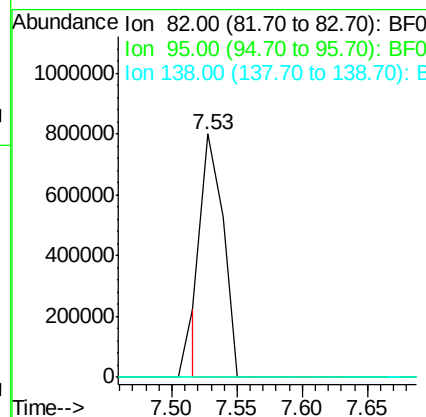
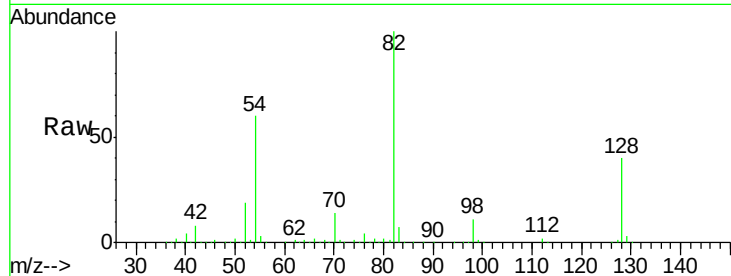
Tot Ion: 82 Resp: 911354

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 4.74 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.13 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

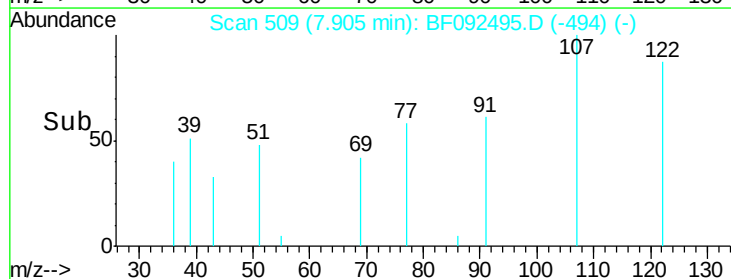
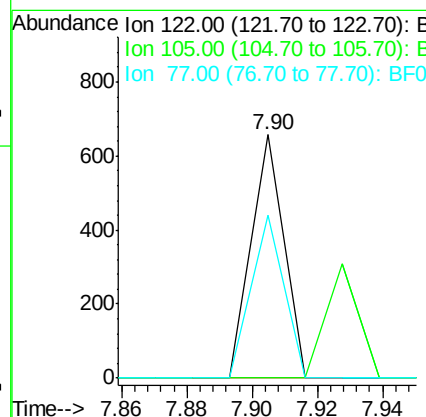
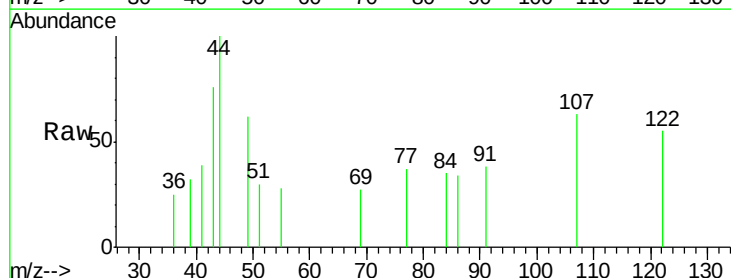
Tgt Ion: 122 Resp: 451

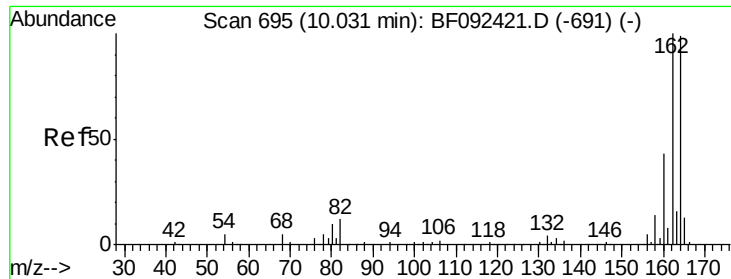
Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

77 66.7 74.5 114.5#

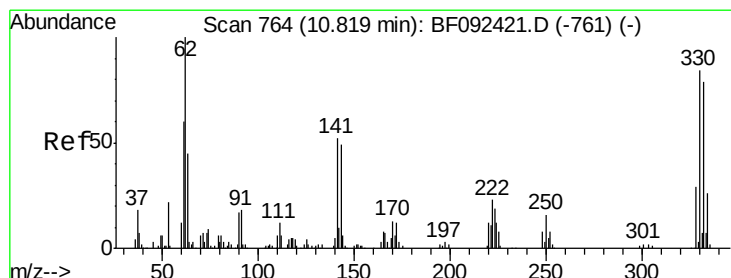
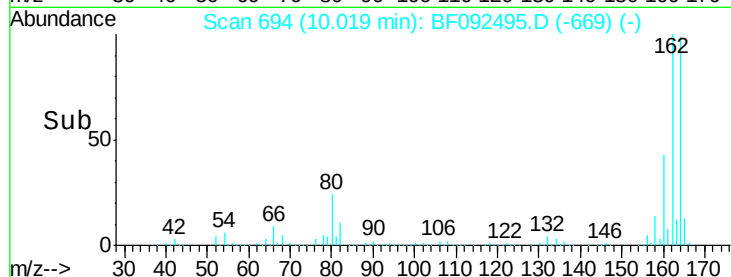
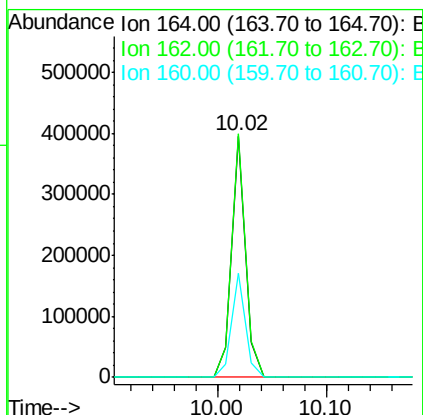
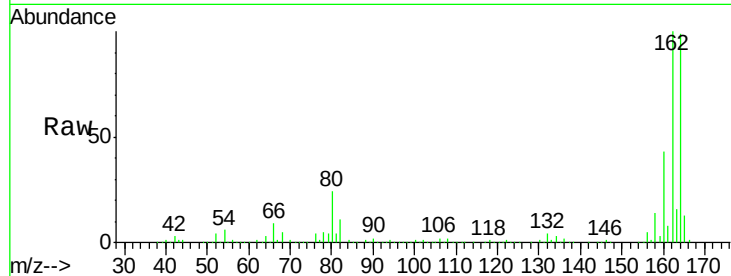




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092495.D
Acq: 25 Jan 2017 23:47

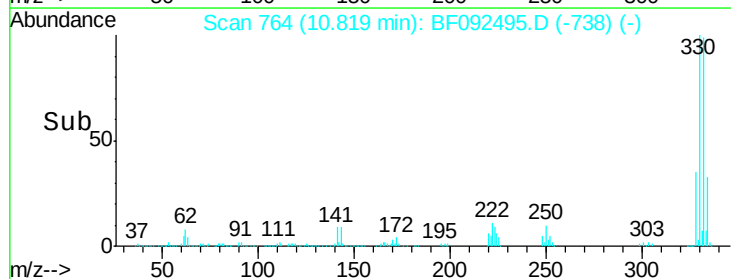
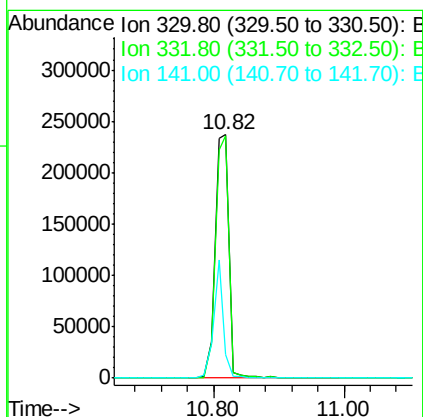
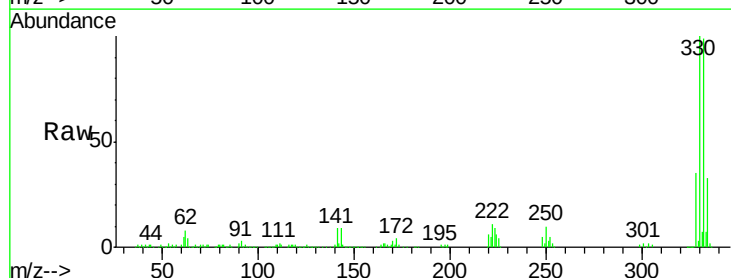
Instrument :
BNA_F
ClientSampled :

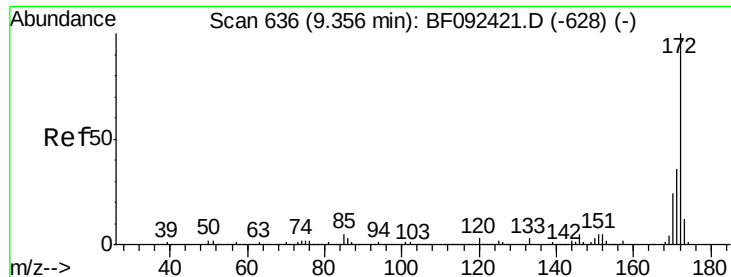
Tot Ion:164 Resp: 348744
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 43.3 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 151.64 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092495.D
Acq: 25 Jan 2017 23:47

Tgt Ion:330 Resp: 360371
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 34.2 34.1 51.1



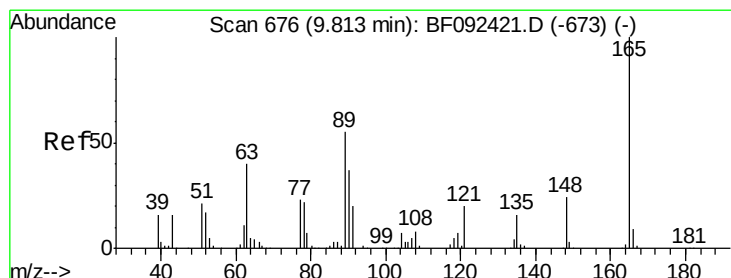
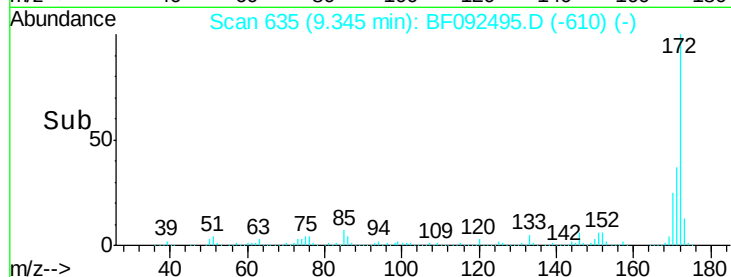
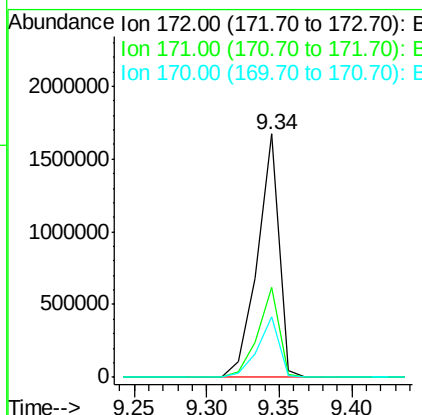
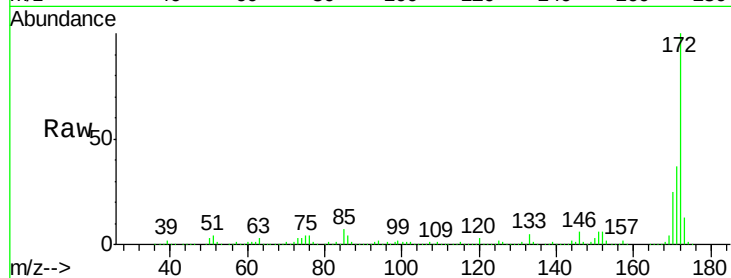


#44
 2-Fluorobiphenyl
 Concen: 91.67 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092495.D
 Acq: 25 Jan 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1728918

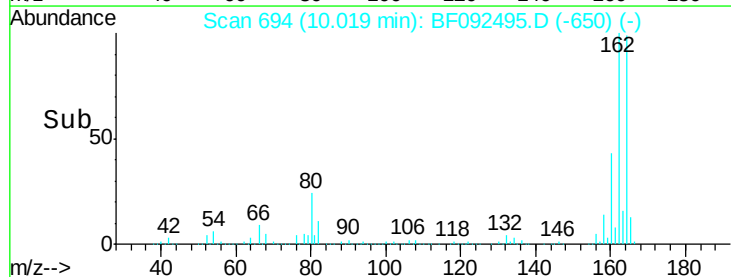
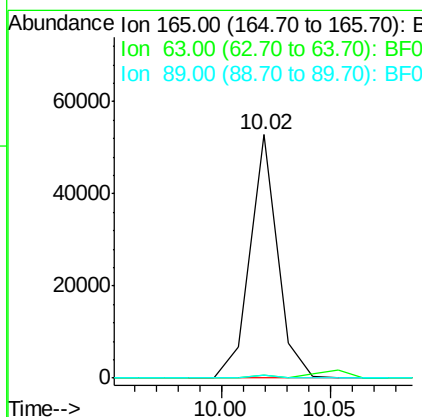
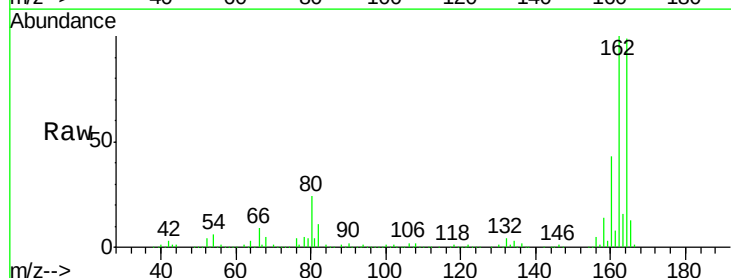
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.9	20.2	30.4

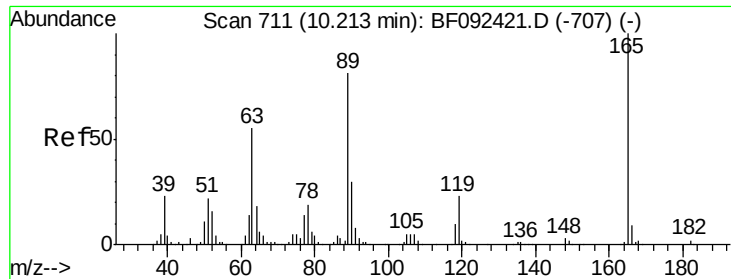


#50
 2,6-Dinitrotoluene
 Concen: 10.21 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.21 min
 Lab File: BF092495.D
 Acq: 25 Jan 2017 23:47

Tgt Ion:165 Resp: 46265

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.2	40.2	60.4#

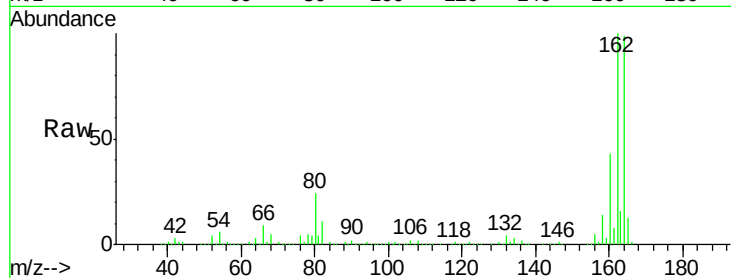




#56
2,4-Dinitrotoluene
Concen: 7.69 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092495.D
Acq: 25 Jan 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	46257
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.2 60.4#
89	1.2	62.5 93.7#
182	0.0	1.8 2.8#

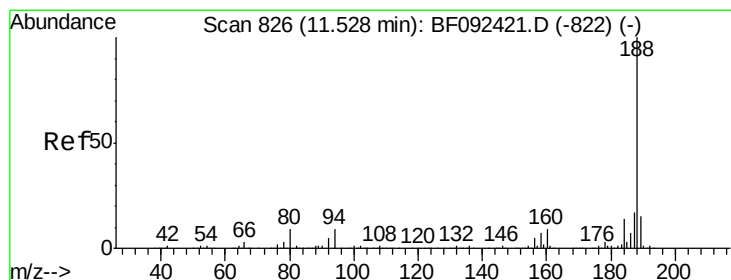
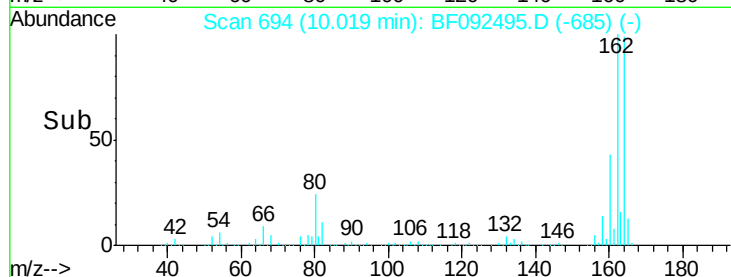
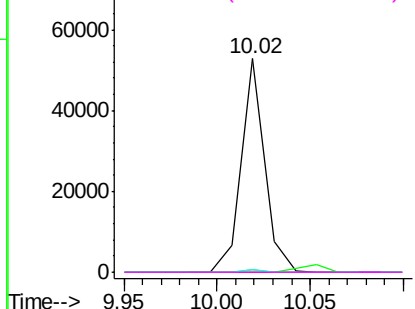


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

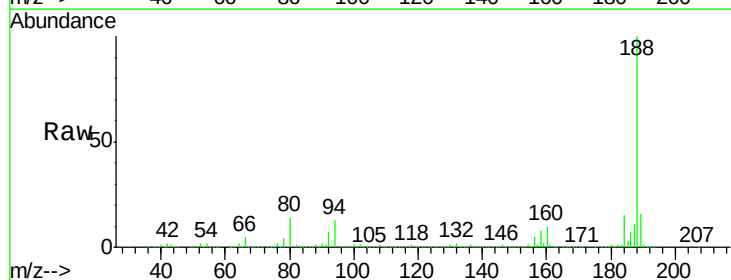
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092495.D
Acq: 25 Jan 2017 23:47

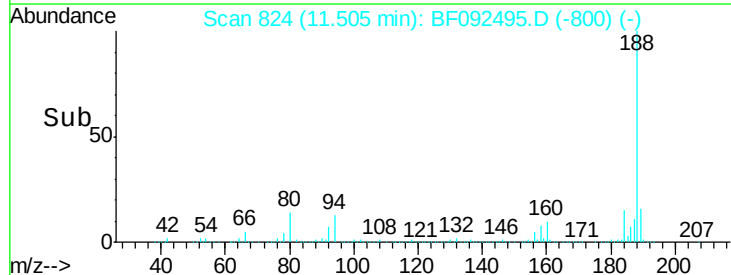
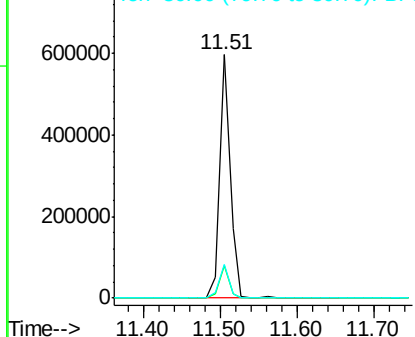
Tgt Ion:188	Resp:	573428
Ion Ratio	Lower	Upper
188	100	
94	13.1	10.0 15.0
80	13.8	11.2 16.8

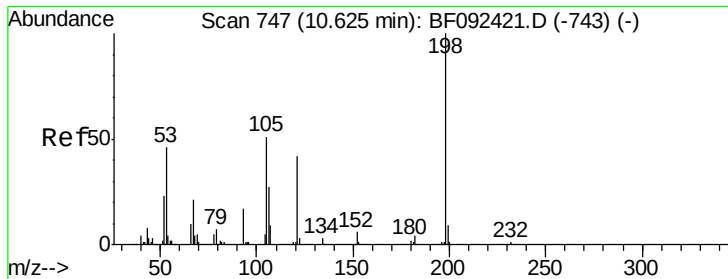


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.22 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.18 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampled :

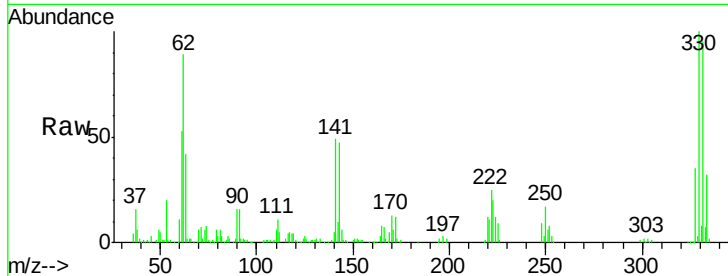
Tot Ion:198 Resp: 943

Ion Ratio Lower Upper

198 100

51 194.6 6.7 46.7#

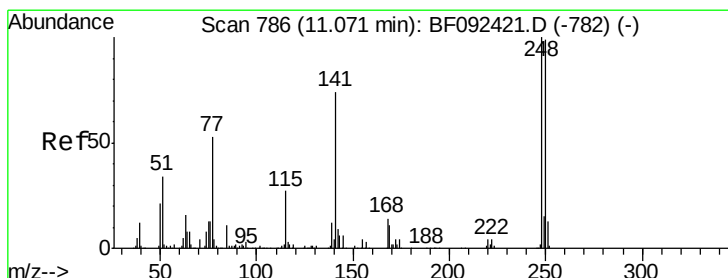
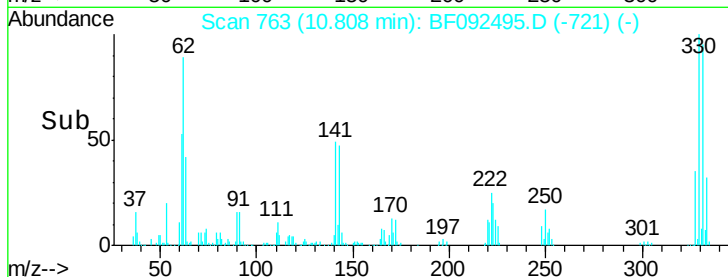
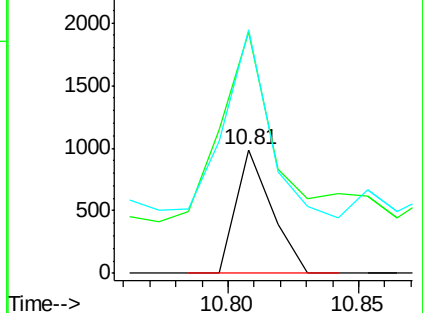
105 196.8 16.6 56.6#



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: 4.14 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.26 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

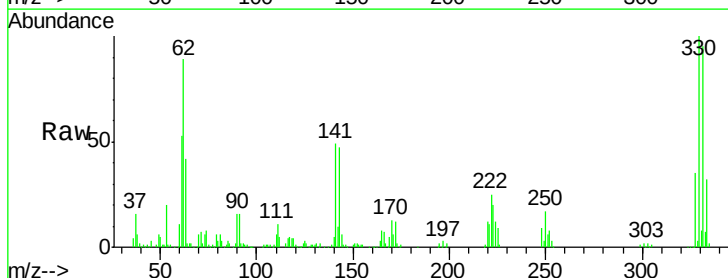
Tgt Ion:248 Resp: 23952

Ion Ratio Lower Upper

248 100

250 198.4 76.9 115.3#

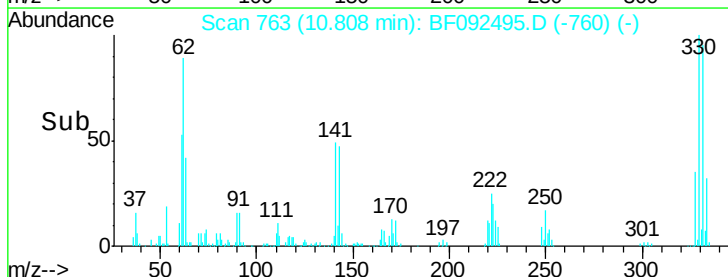
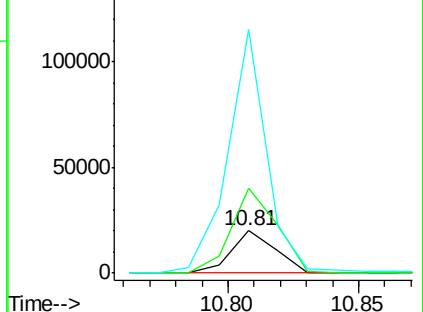
141 572.7 68.2 102.4#

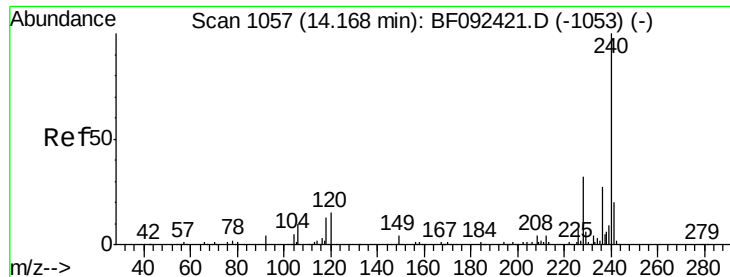


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092495.D

Acq: 25 Jan 2017 23:47

Instrument :

BNA_F

ClientSampleId :

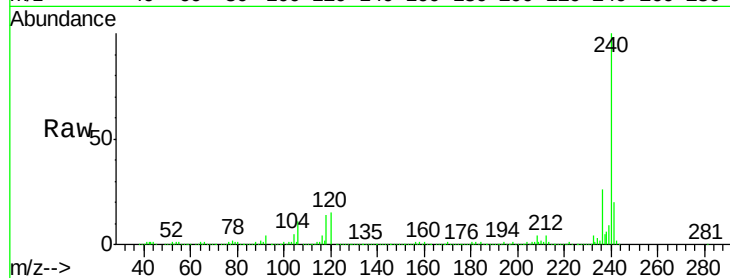
Tot Ion:240 Resp: 508908

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

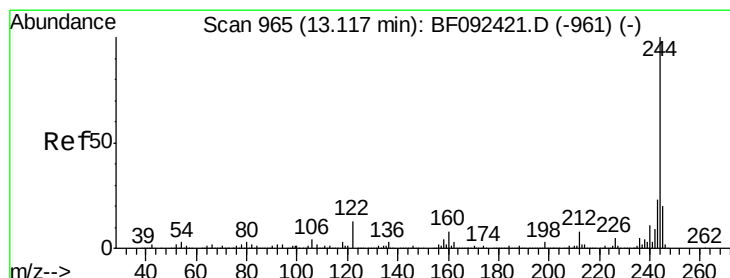
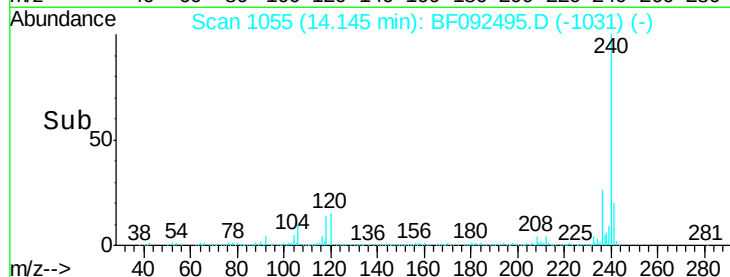
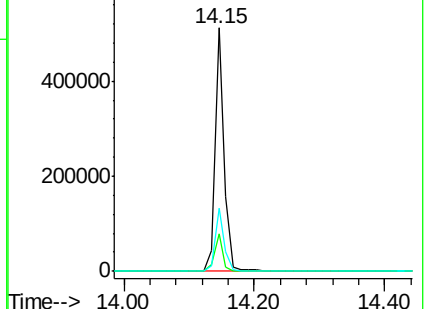
236 25.7 20.9 31.3



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: 82.34 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092495.D

Acq: 25 Jan 2017 23:47

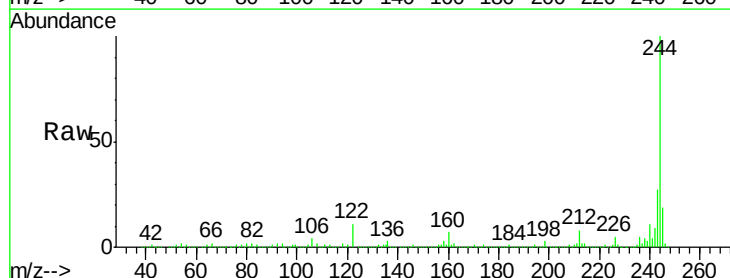
Tgt Ion:244 Resp: 1573635

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

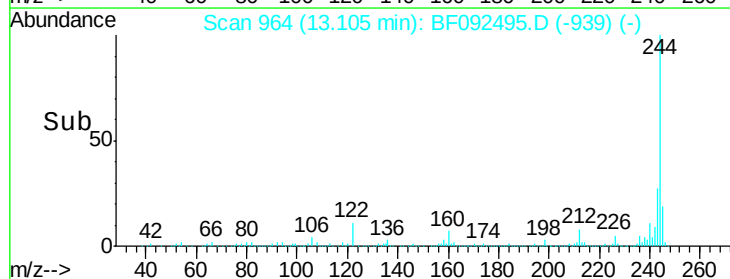
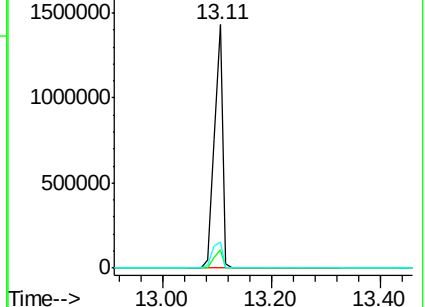
122 10.7 11.4 17.2#

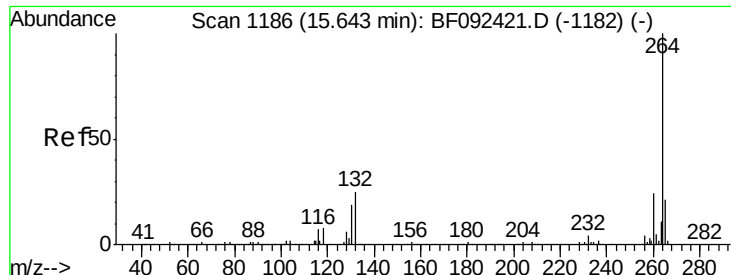


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092495.D
 Acq: 25 Jan 2017 23:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 400443
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.7 17.4 26.0

