

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097496.D
 Acq On : 9 Aug 2017 4:10
 Operator : SJ/JU
 Sample : I4604-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 04:50:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

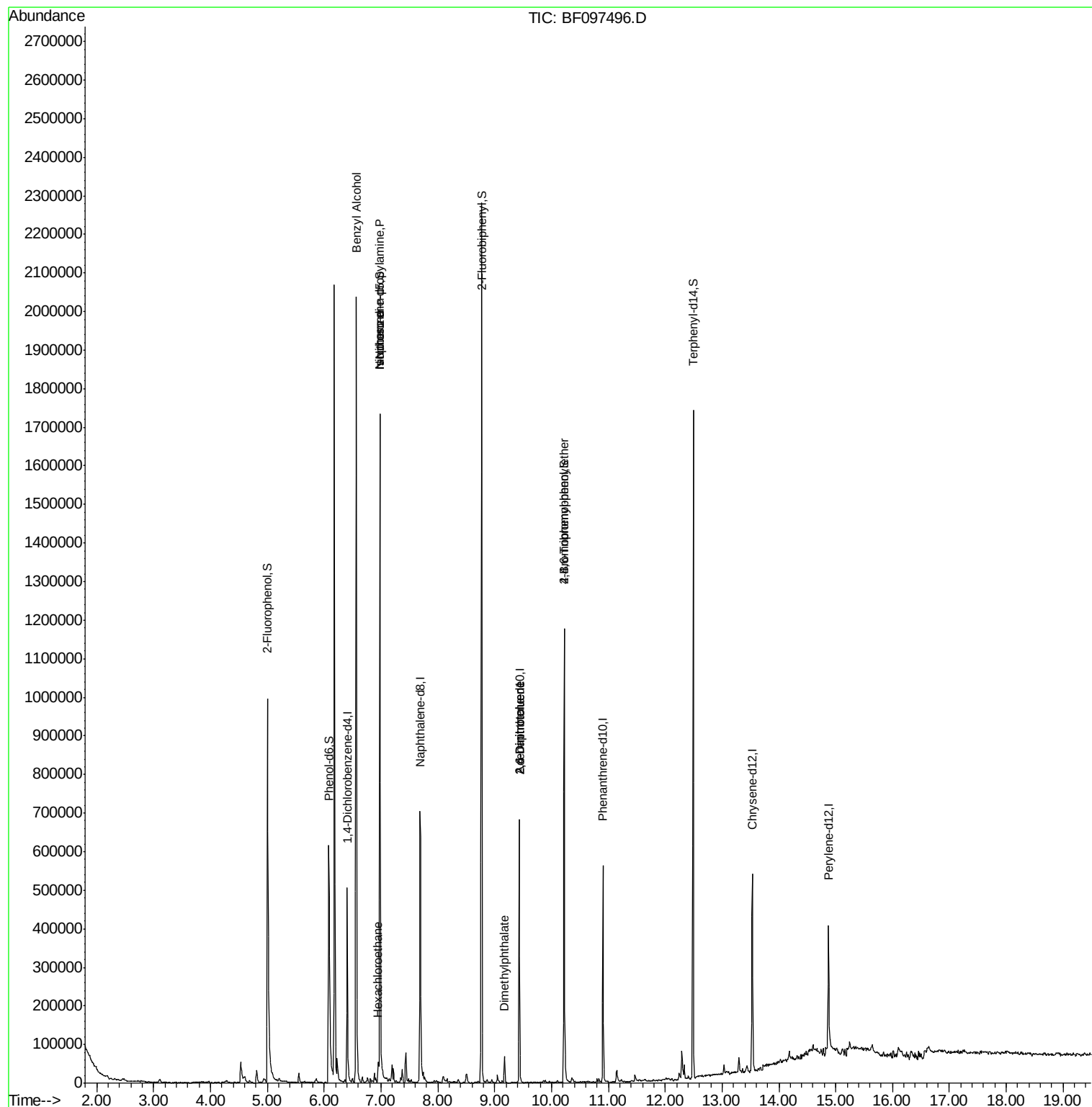
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	81649	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	334366	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	126586	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	199160	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	165678	20.00	ng	0.00
86) Perylene-d12	14.87	264	129062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	401682	74.16	ng	0.00
7) Phenol-d6	6.08	99	290001	46.90	ng	0.00
23) Nitrobenzene-d5	6.98	82	515371	90.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	127897	127.88	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	709339	95.10	ng	0.00
78) Terphenyl-d14	12.49	244	518656	63.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	8672	2.22	ng	# 33
18) Hexachloroethane	6.95	117	5267	2.33	ng	# 30
19) n-Nitroso-di-n-propylamine	6.98	70	68727	16.89	ng	# 88
25) Isophorone	6.98	82	515367	46.17	ng	# 67
49) Dimethylphthalate	9.17	163	29086	3.03	ng	98
50) 2,6-Dinitrotoluene	9.43	165	15630	7.67	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	15630	6.67	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	7719	3.88	ng	# 1

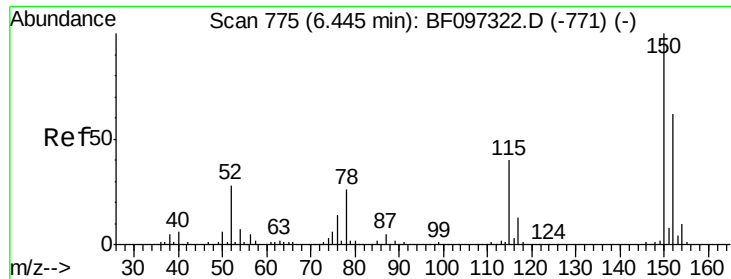
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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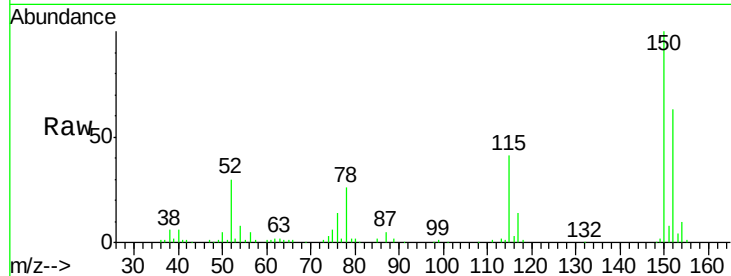


#1

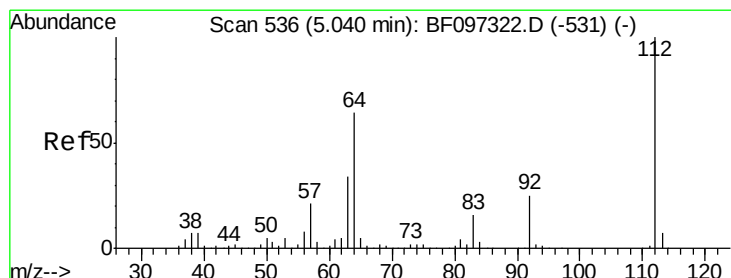
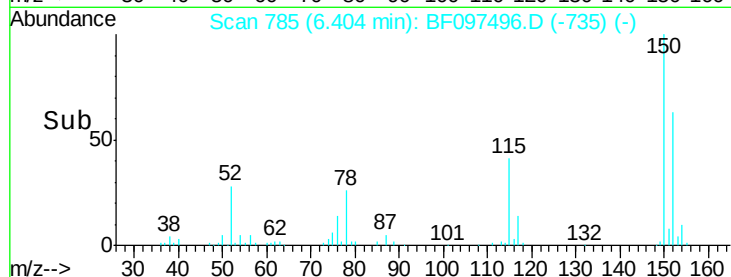
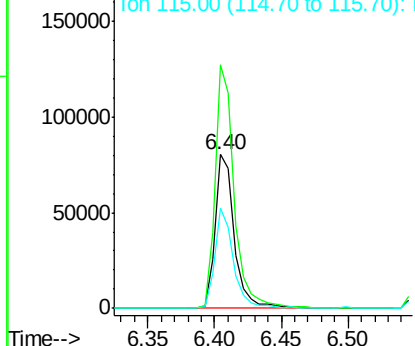
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81649
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 64.9 52.2 78.2



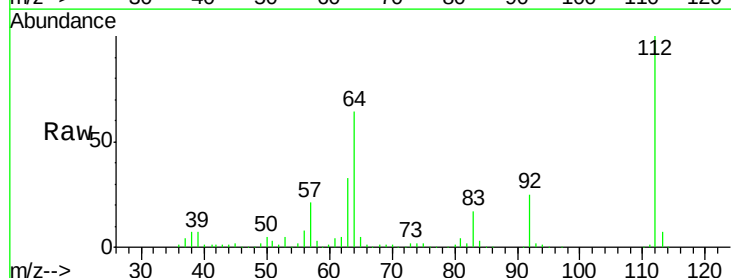
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



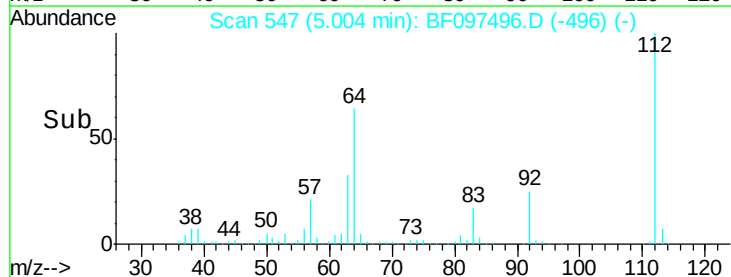
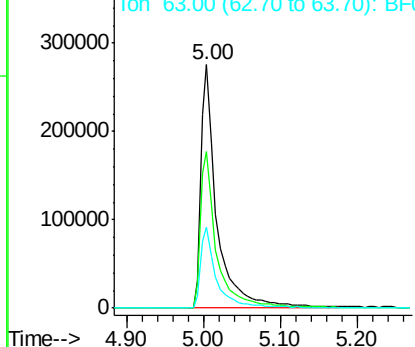
#5

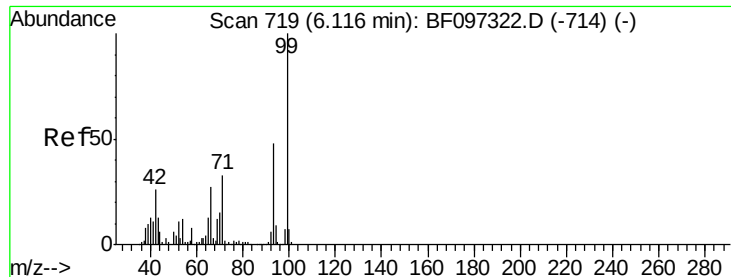
2-Fluorophenol
Concen: 74.16 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

Tgt Ion:112 Resp: 401682
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 33.3 23.4 35.0



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: 46.90 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

Instrument :

BNA_F

ClientSampled :

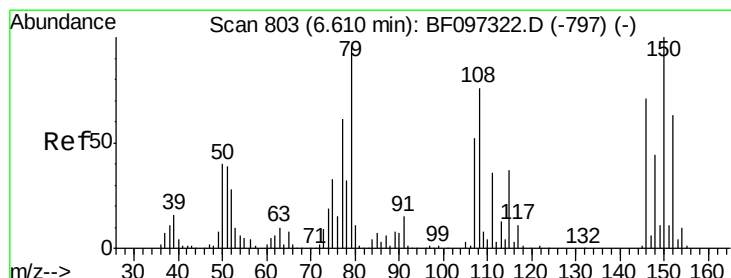
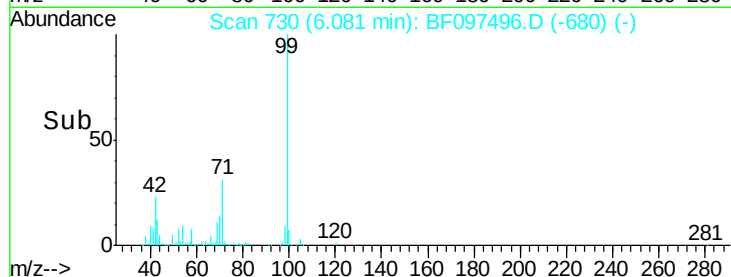
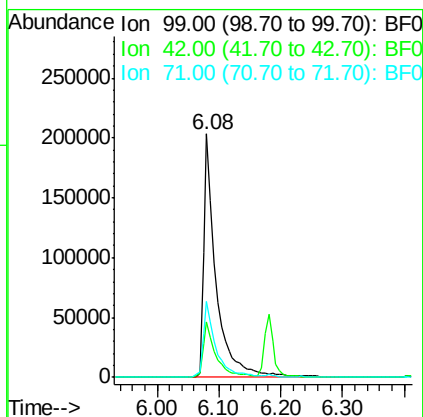
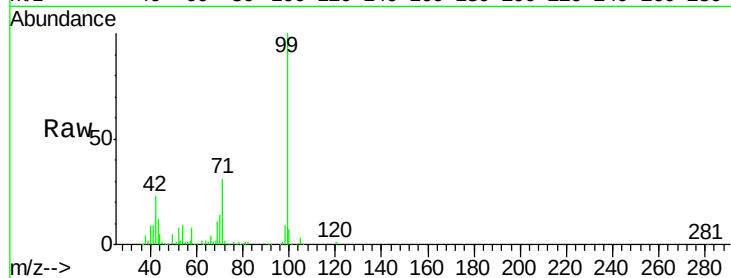
Tot Ion: 99 Resp: 290001

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

71 31.0 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.56 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

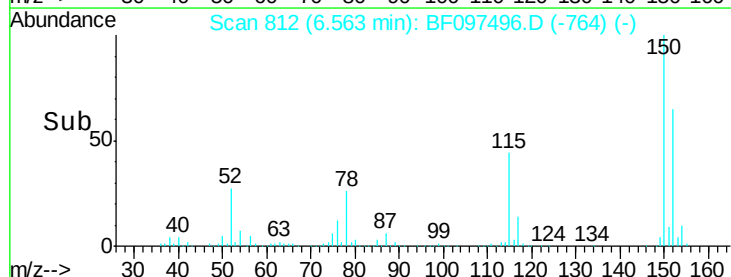
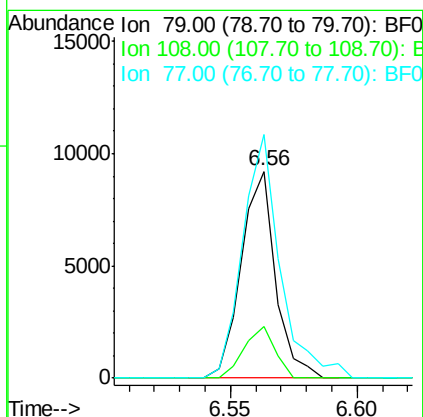
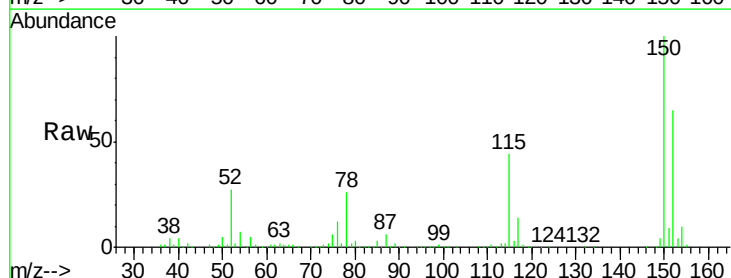
Tgt Ion: 79 Resp: 8672

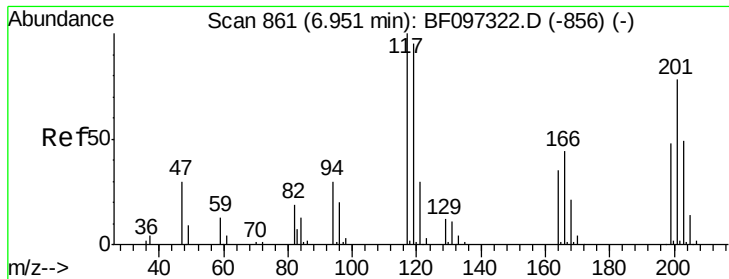
Ion Ratio Lower Upper

79 100

108 25.1 63.4 95.0#

77 117.8 49.2 73.8#





#18

Hexachloroethane

Concen: 2.33 ng

RT: 6.95 min Scan# 877

Delta R.T. 0.03 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

Instrument :

BNA_F

ClientSampled :

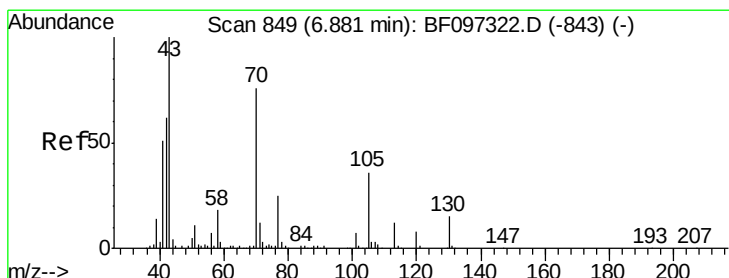
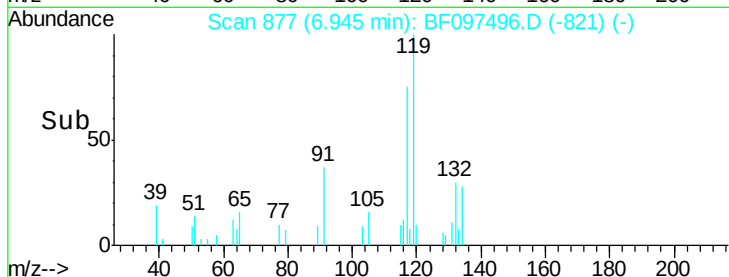
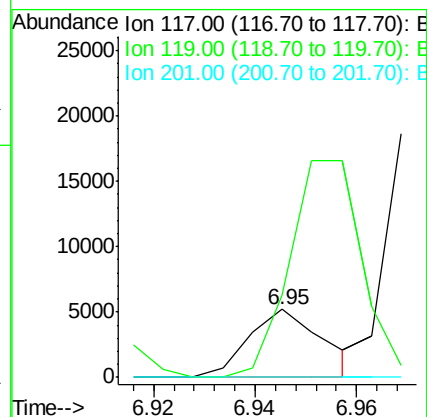
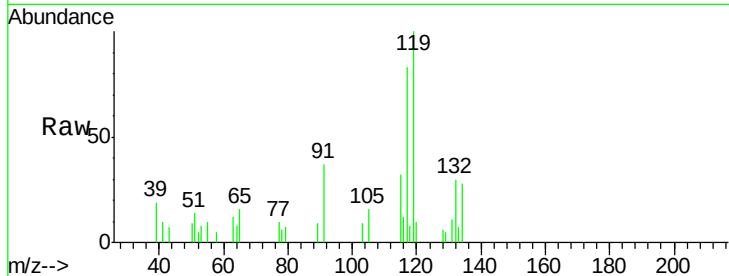
Tot Ion:117 Resp: 5267

Ion Ratio Lower Upper

117 100

119 120.0 77.4 116.0#

201 0.0 94.6 141.8#



#19

n-Nitroso-di-n-propylamine

Concen: 16.89 ng

RT: 6.98 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

Tgt Ion: 70 Resp: 68727

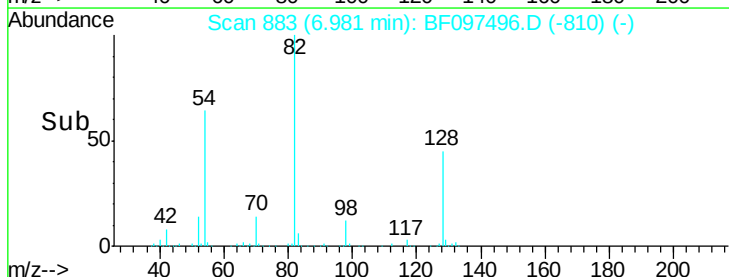
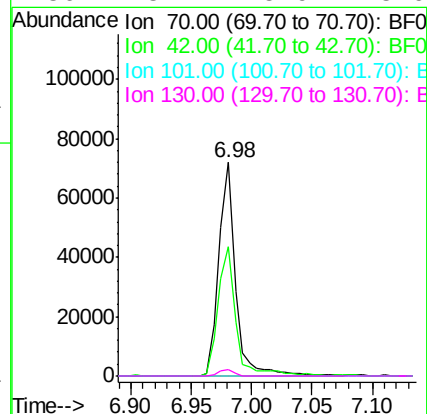
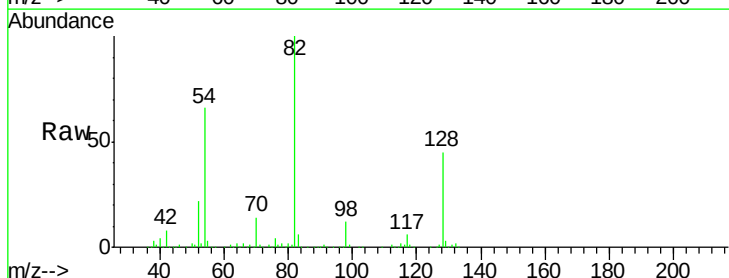
Ion Ratio Lower Upper

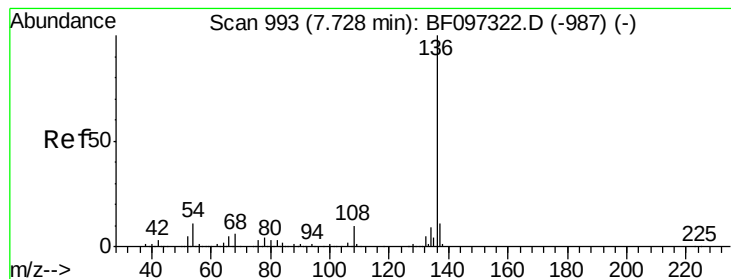
70 100

42 60.6 47.2 70.8

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097496.D

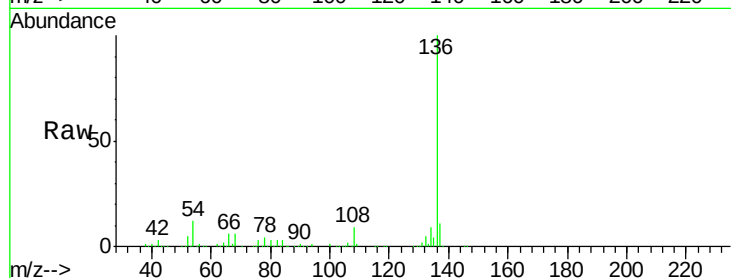
Acq: 9 Aug 2017 4:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	334366
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	11.7	4.9 7.3#
68	6.0	4.1 6.1

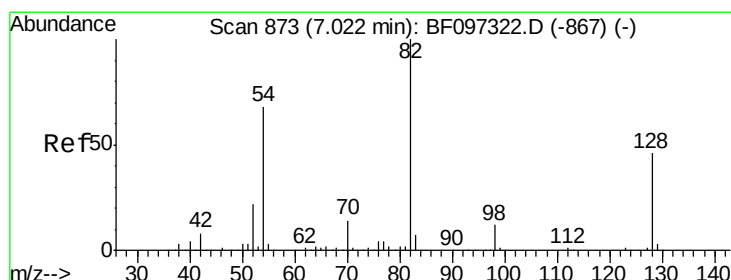
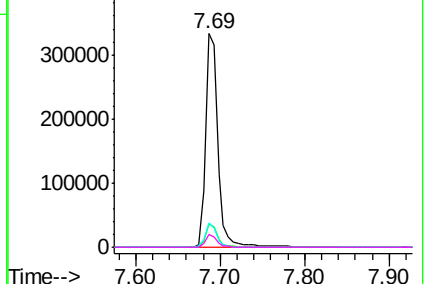
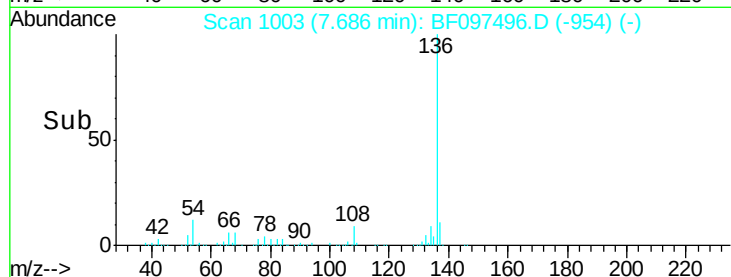


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.42 ng

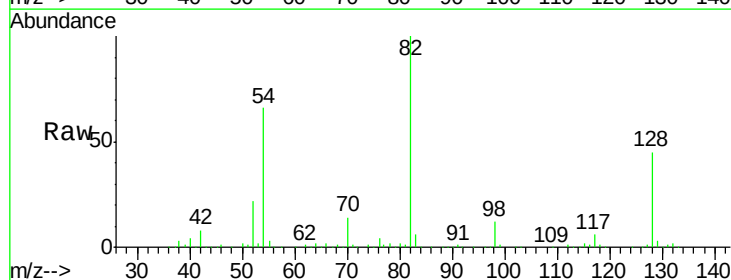
RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

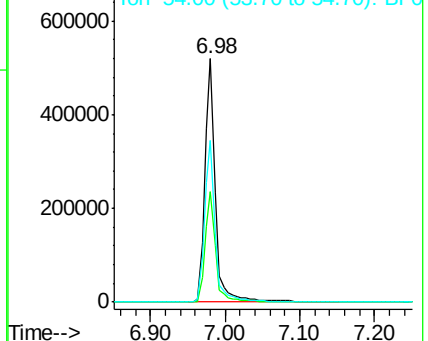
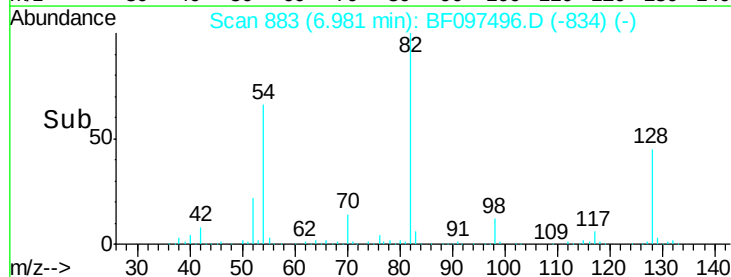
Tgt Ion: 82	Resp:	515371
Ion Ratio	Lower	Upper
82	100	
128	45.3	34.0 51.0
54	66.4	42.2 63.2#

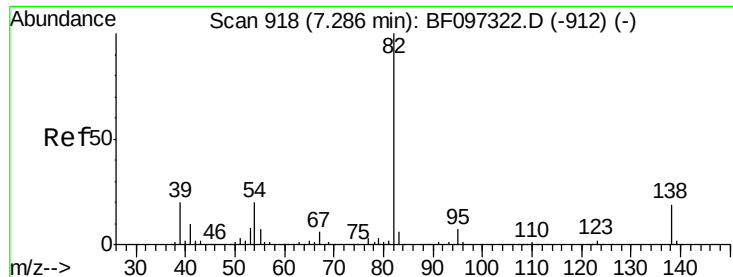


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.17 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

Instrument :

BNA_F

ClientSampleId :

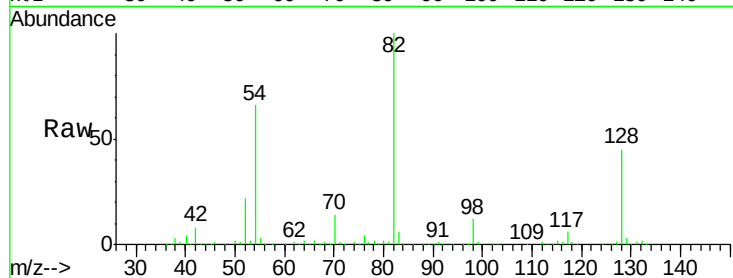
Tot Ion: 82 Resp: 515367

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

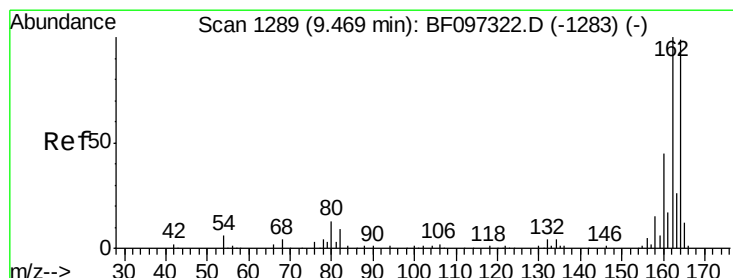
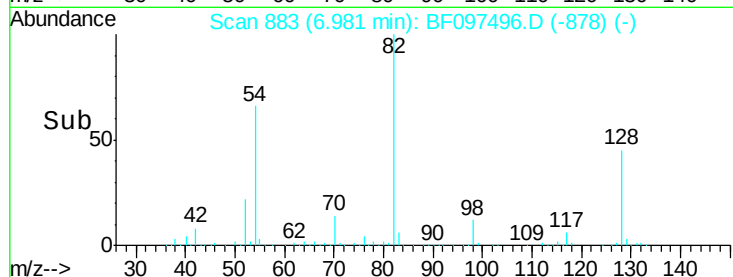
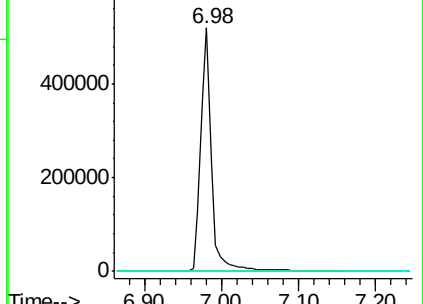
138 0.0 13.1 19.7#



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: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

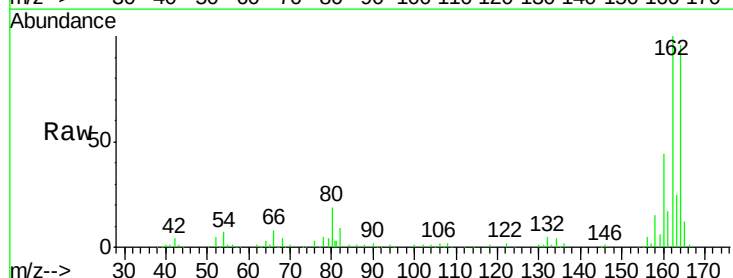
Tgt Ion:164 Resp: 126586

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

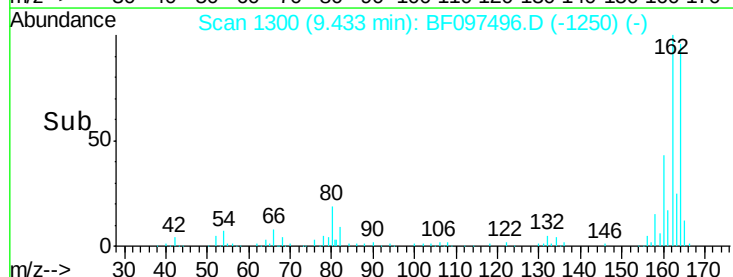
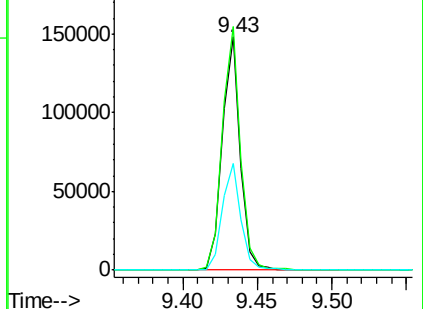
160 45.9 36.2 54.2

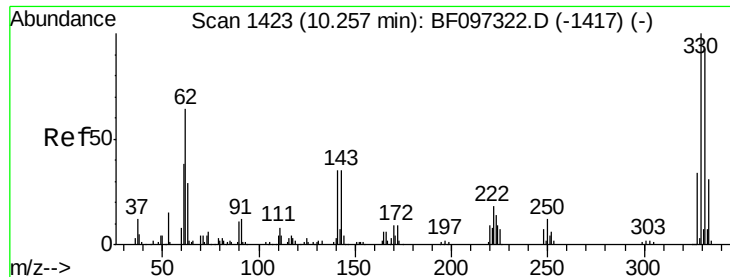


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

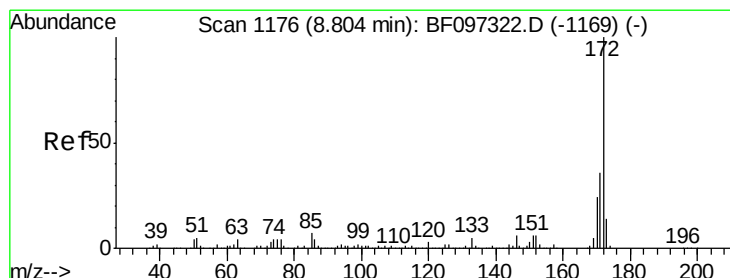
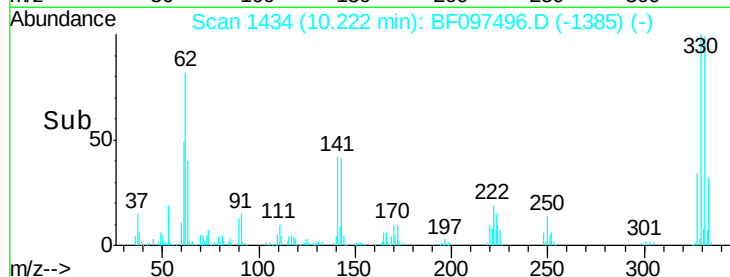
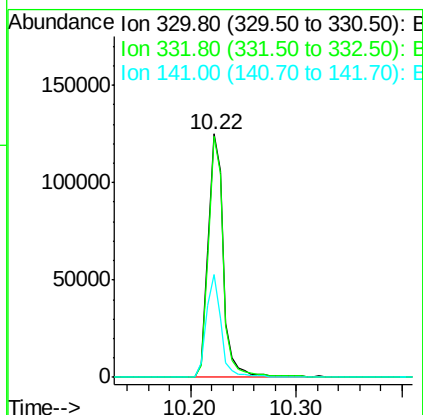
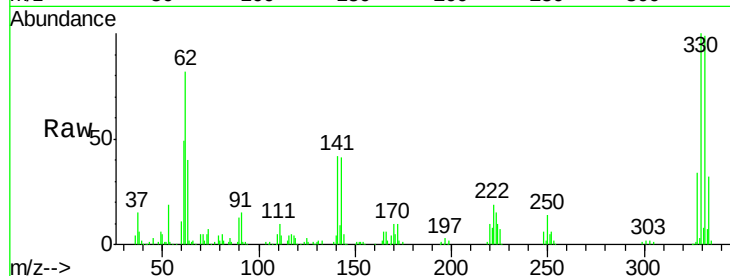




#41
 2,4,6-Tribromophenol
 Concen: 127.88 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

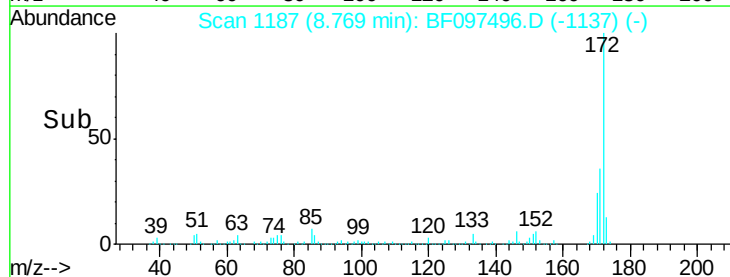
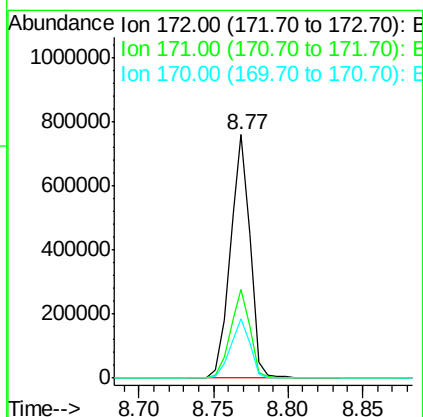
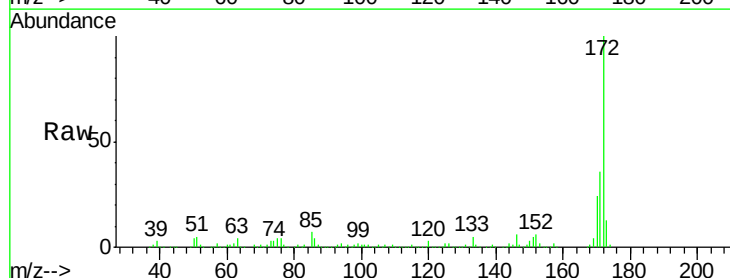
Instrument :
 BNA_F
 ClientSampleId :

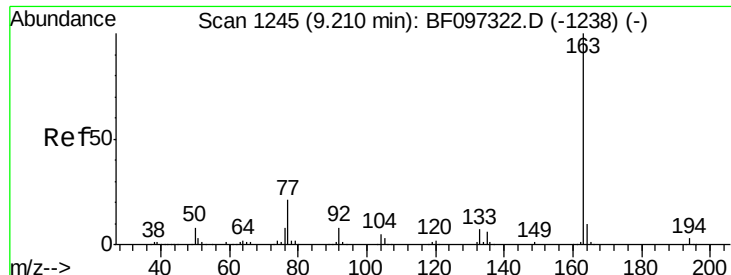
Tot Ion:330 Resp: 127897
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 40.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 95.10 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

Tgt Ion:172 Resp: 709339
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.5 19.8 29.8

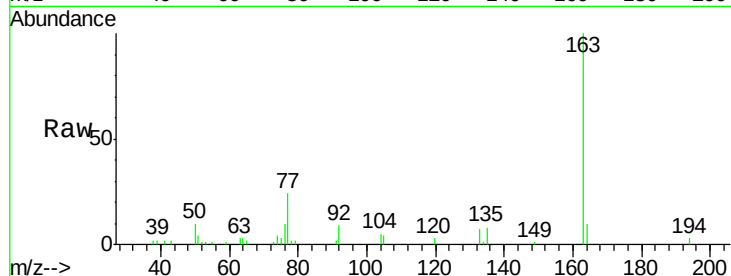




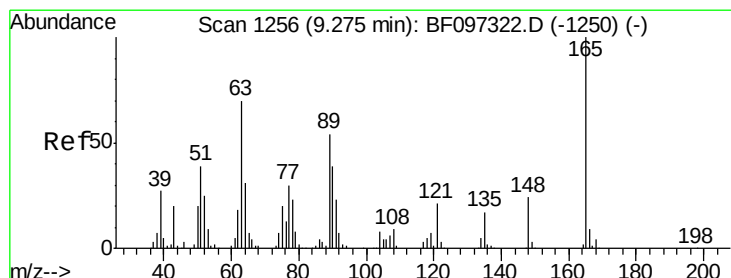
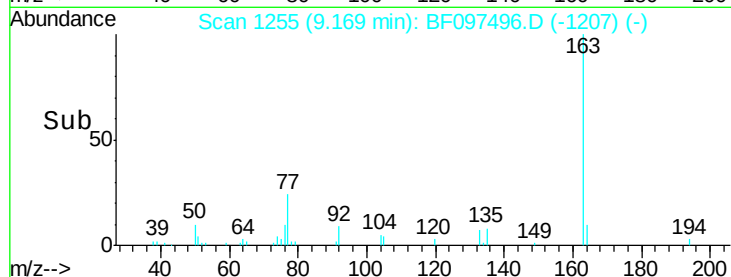
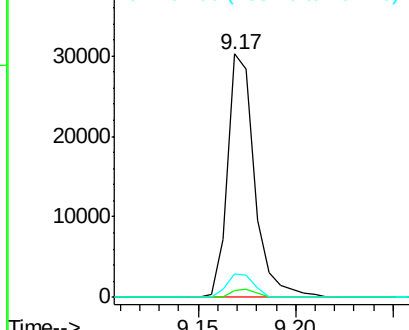
#49
Dimethylphthalate
Concen: 3.03 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.6	8.4	12.6

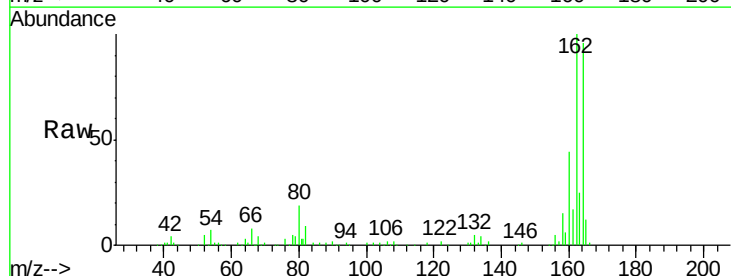


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

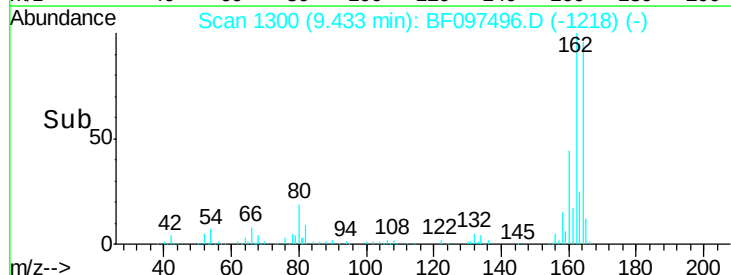
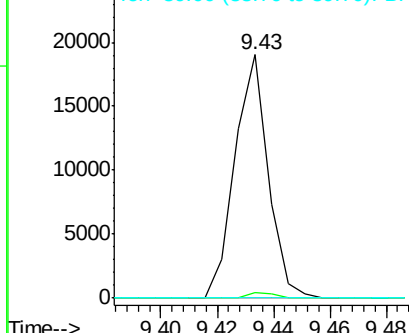


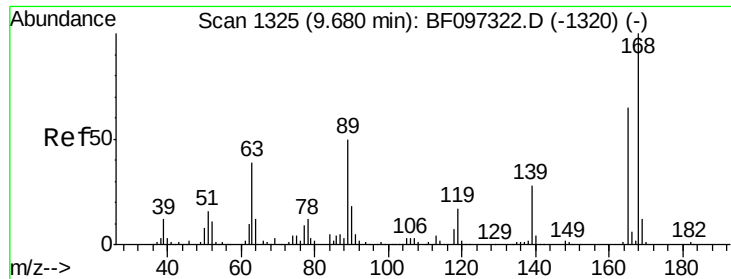
#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.18 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.3	51.5#
89	0.0	37.1	55.7#



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

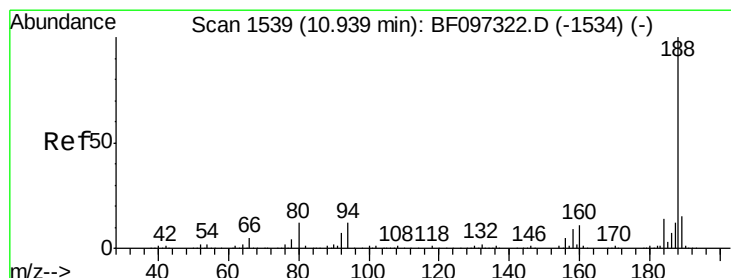
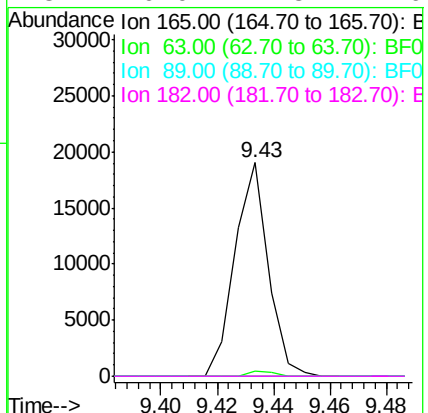
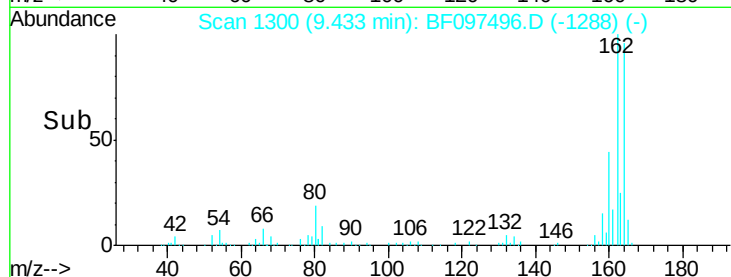
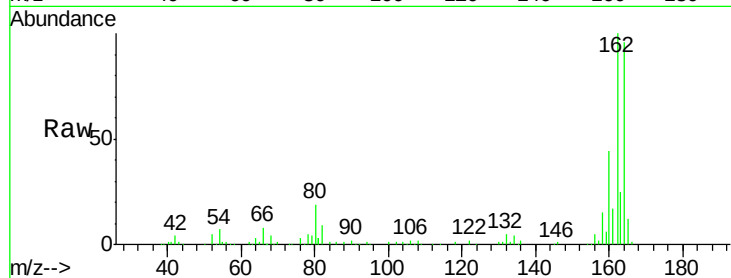




#56
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

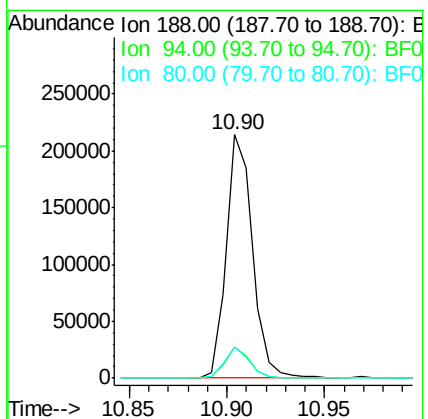
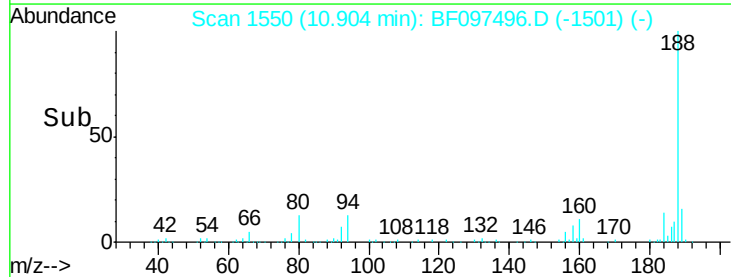
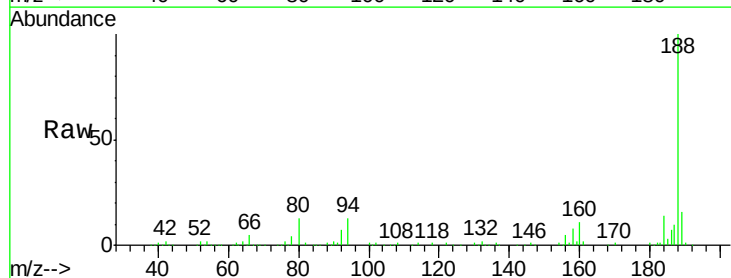
Instrument :
 BNA_F
 ClientSampled :

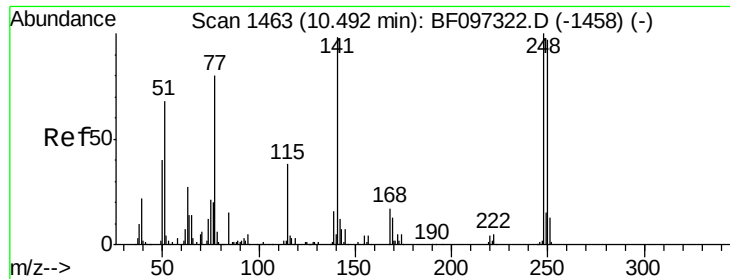
Tot Ion:	165	Resp:	15630
Ion Ratio	Lower	Upper	
165	100		
63	2.3	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

Tgt Ion:	188	Resp:	199160
Ion Ratio	Lower	Upper	
188	100		
94	12.6	9.4	14.2
80	13.0	10.2	15.2

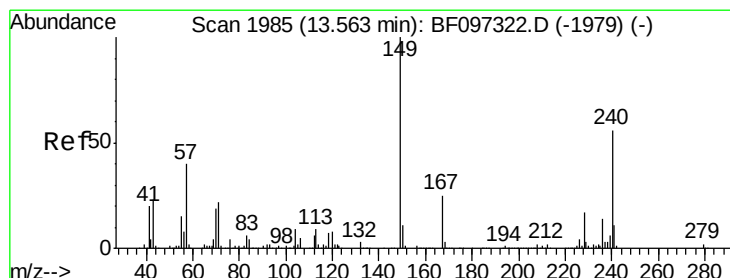
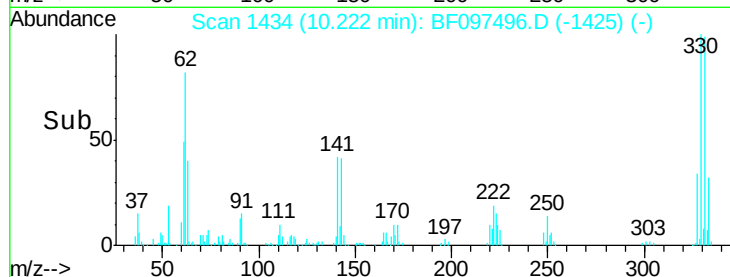
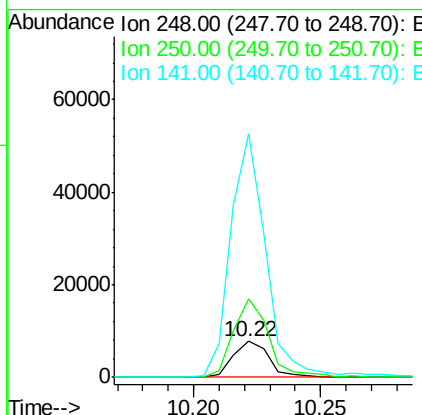
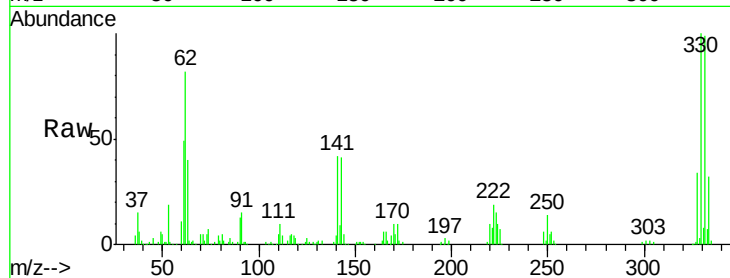




#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

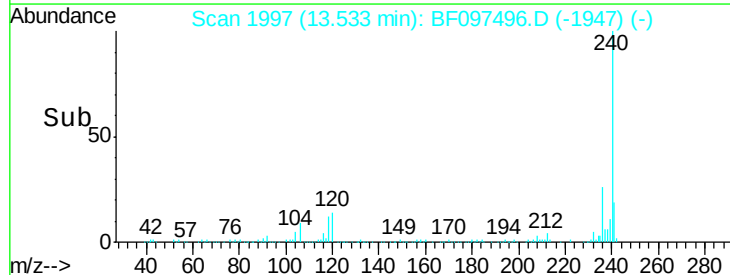
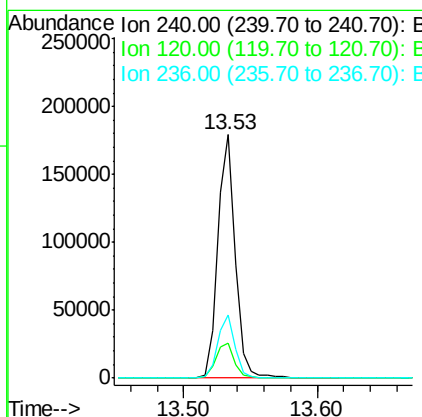
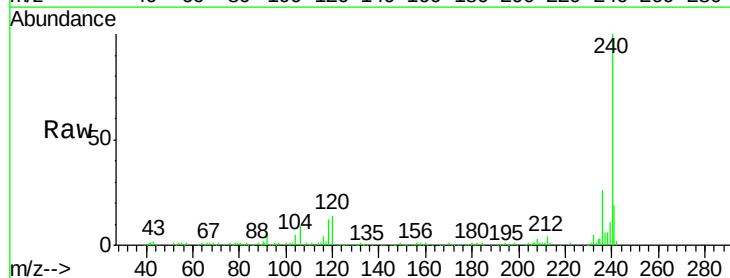
Instrument :
BNA_F
ClientSampleId :

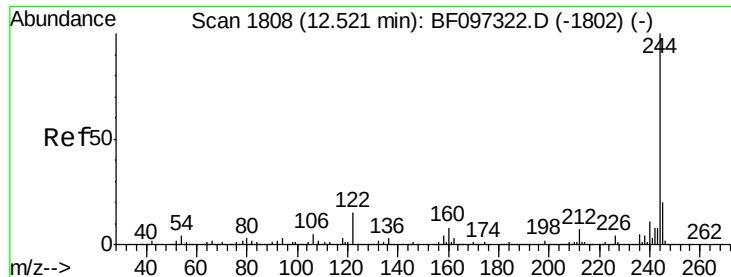
Tot Ion:248 Resp: 7719
Ion Ratio Lower Upper
248 100
250 216.0 76.8 115.2#
141 672.1 68.6 103.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

Tgt Ion:240 Resp: 165678
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 25.9 20.5 30.7

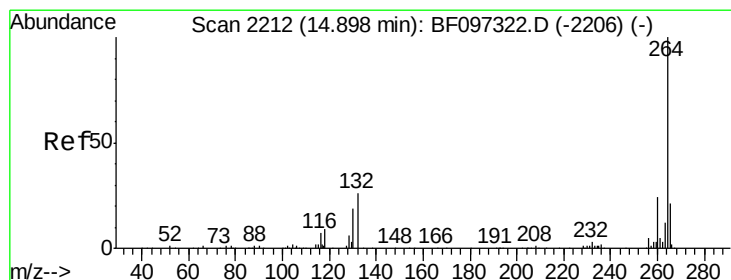
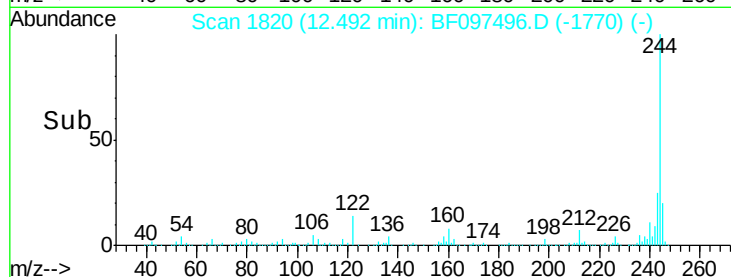
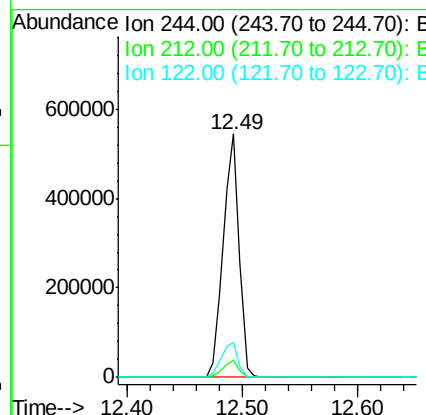
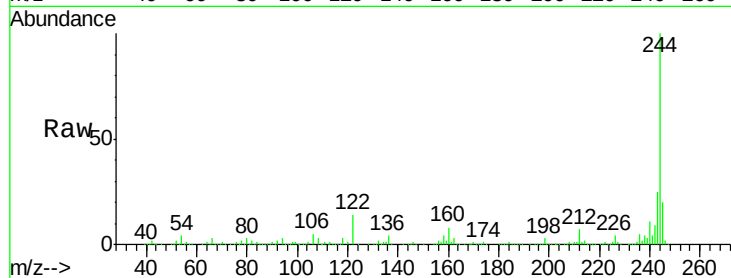




#78
 Terphenyl-d14
 Concen: 63.83 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 518656
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

Tgt Ion:264 Resp: 129062
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.9 17.2 25.8

