

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097480.D
 Acq On : 8 Aug 2017 20:44
 Operator : SJ/JU
 Sample : IPB101311BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 01:00:56 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

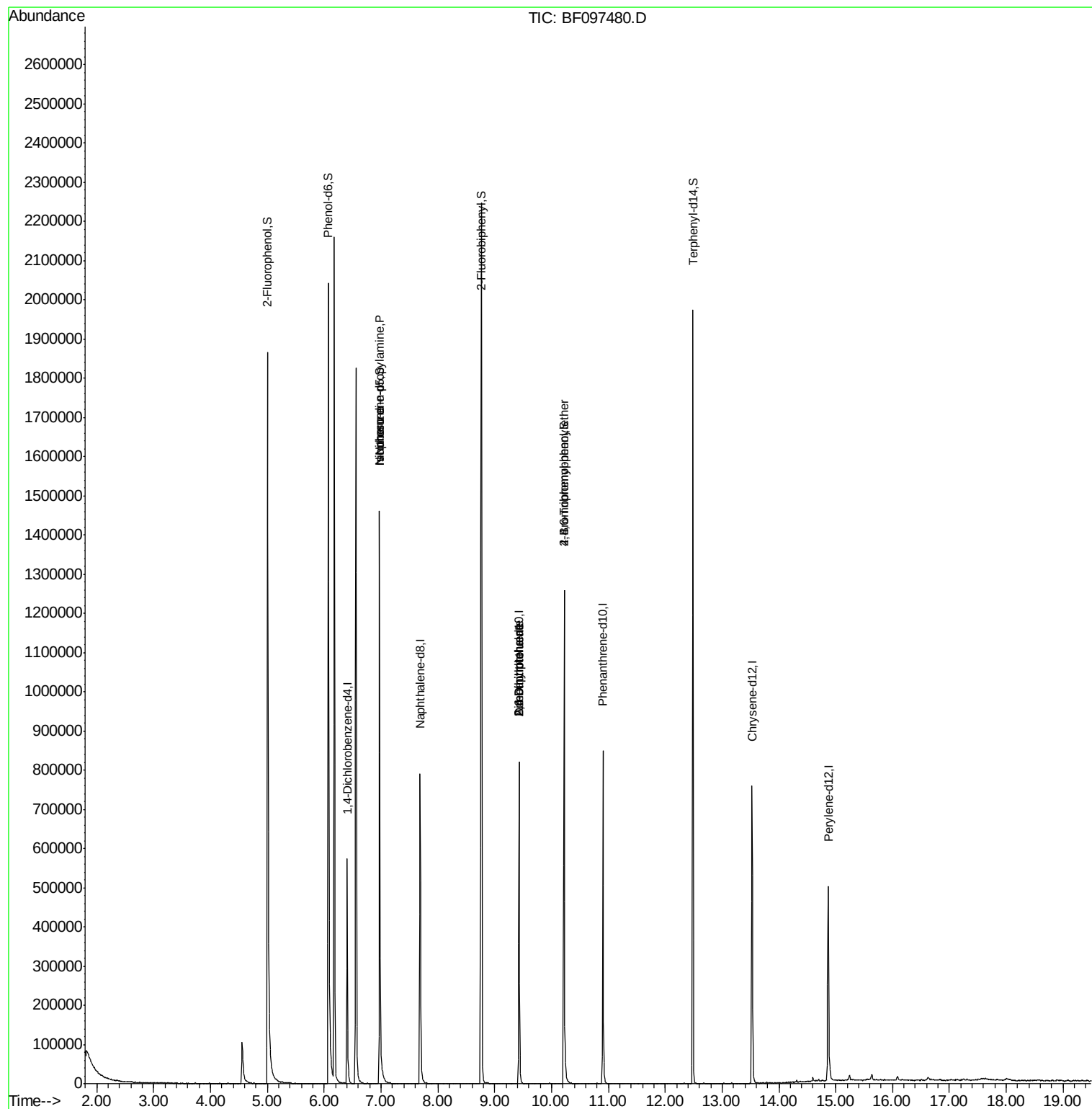
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	86431	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	402515	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	177885	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	308937	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	280085	20.00	ng	-0.01
86) Perylene-d12	14.87	264	229061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	662904	115.62	ng	0.00
7) Phenol-d6	6.07	99	790112	120.71	ng	-0.01
23) Nitrobenzene-d5	6.97	82	497155	72.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	156867	111.61	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	848469	80.95	ng	-0.01
78) Terphenyl-d14	12.49	244	677626	49.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	66493	15.43	ng	# 87
25) Isophorone	6.97	82	497152	37.00	ng	# 67
49) Dimethylphthalate	9.43	163	51622	3.82	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	21836	7.62	ng	# 32
56) 2,4-Dinitrotoluene	9.43	165	21836	6.63	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	9875	3.20	ng	# 1

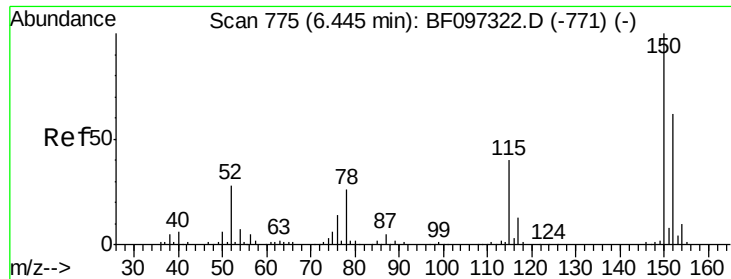
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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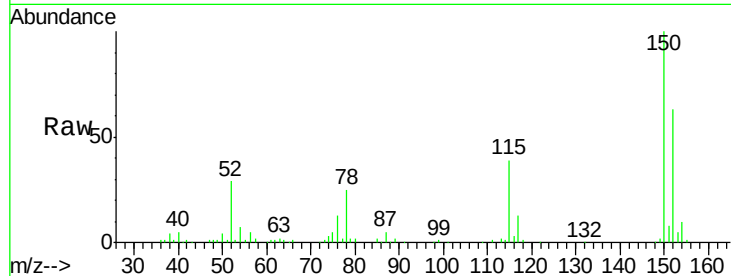


#1

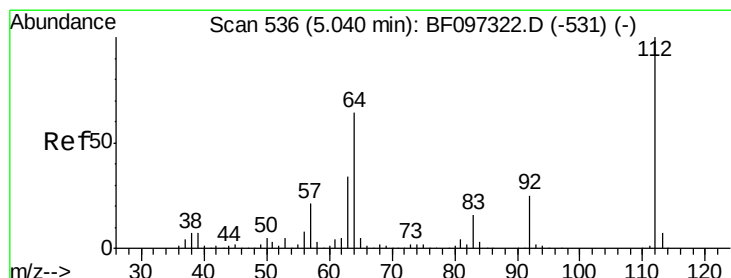
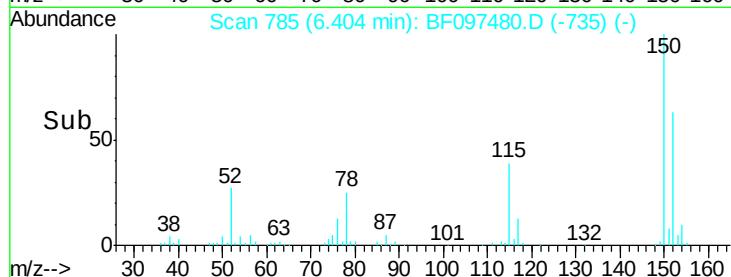
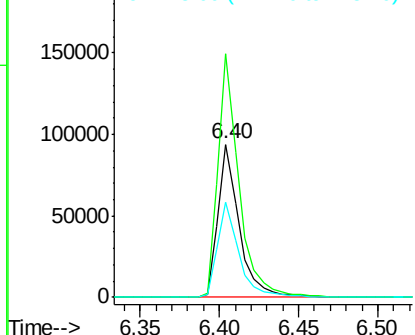
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097480.D
Acq: 8 Aug 2017 20:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86431
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 62.5 52.2 78.2



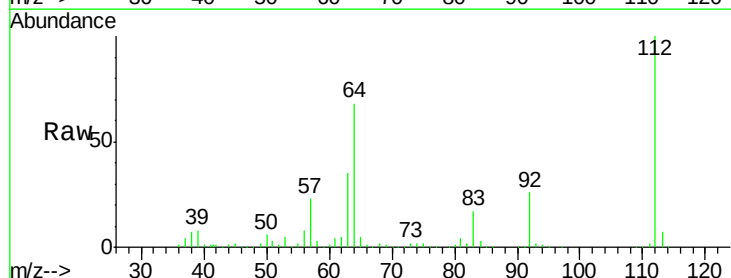
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



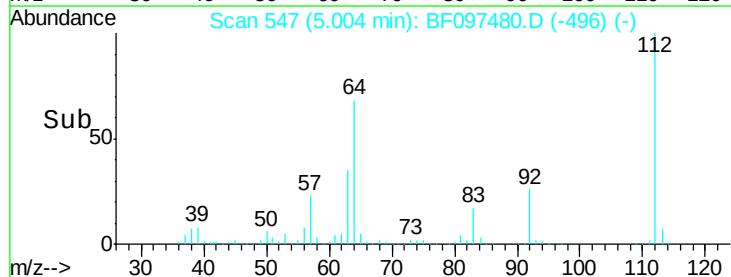
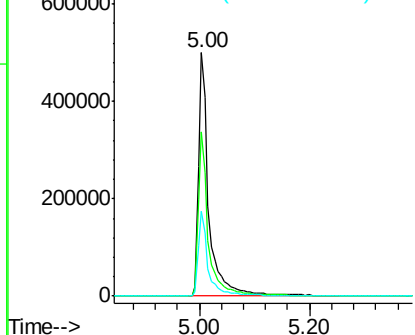
#5

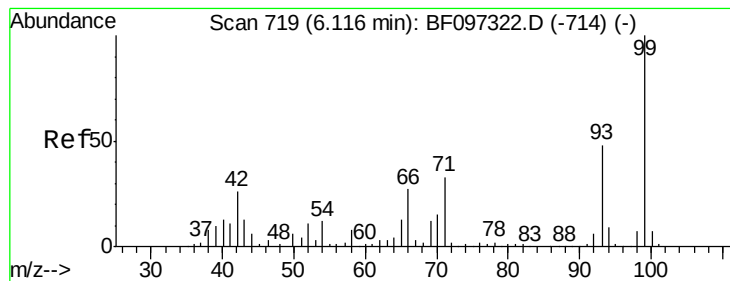
2-Fluorophenol
Concen: 115.62 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097480.D
Acq: 8 Aug 2017 20:44

Tgt Ion:112 Resp: 662904
Ion Ratio Lower Upper
112 100
64 67.6 46.0 69.0
63 34.9 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: 120.71 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Instrument :

BNA_F

ClientSampled :

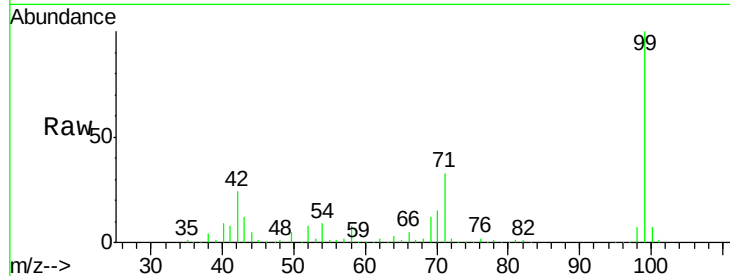
Tot Ion: 99 Resp: 790112

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

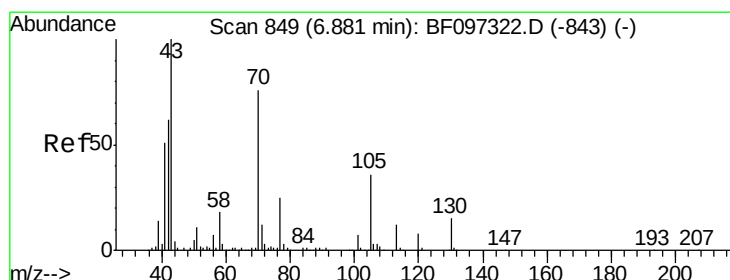
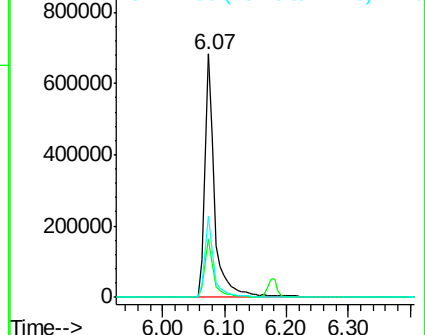
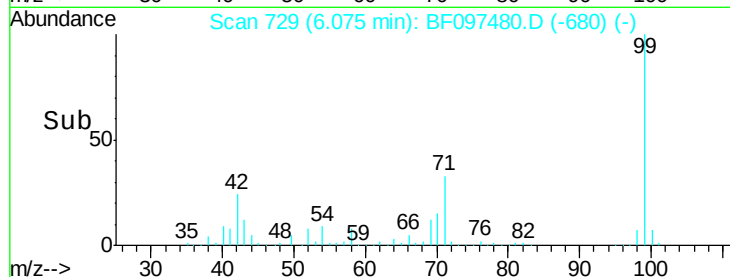
71 33.2 24.5 36.7



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: 15.43 ng

RT: 6.97 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Tgt Ion: 70 Resp: 66493

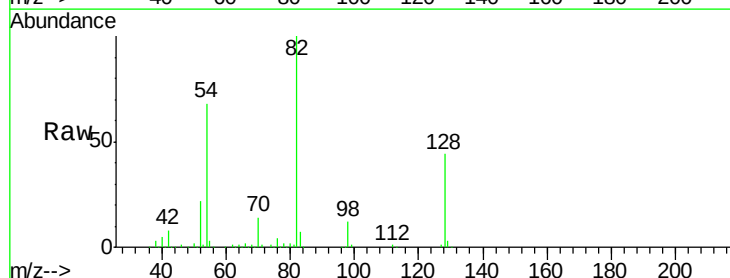
Ion Ratio Lower Upper

70 100

42 57.6 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

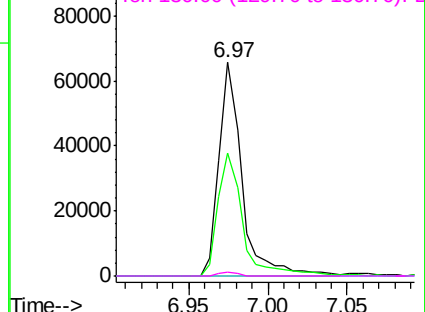
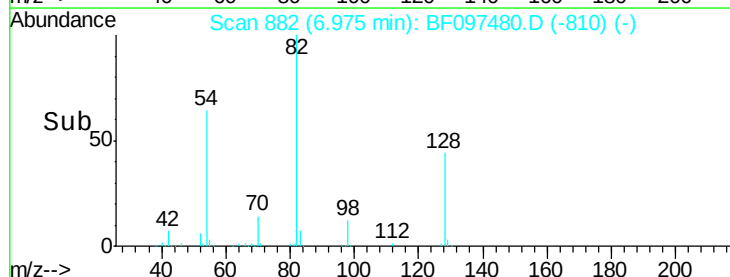


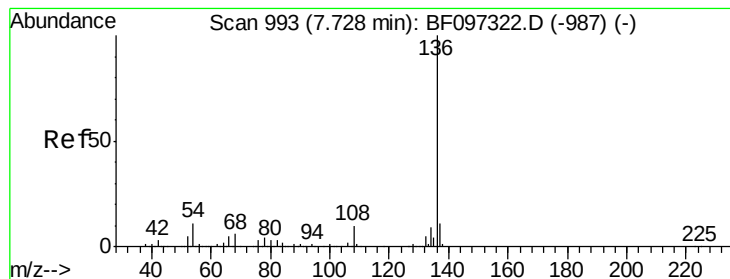
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402515

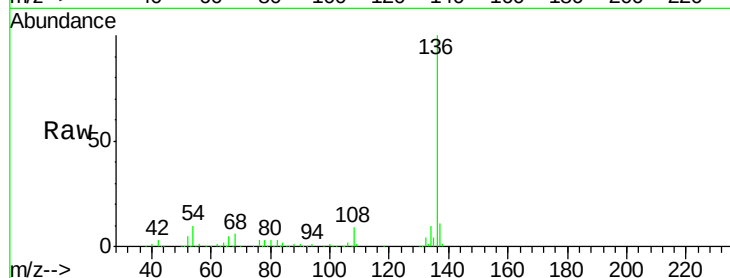
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.3 4.9 7.3#

68 5.7 4.1 6.1

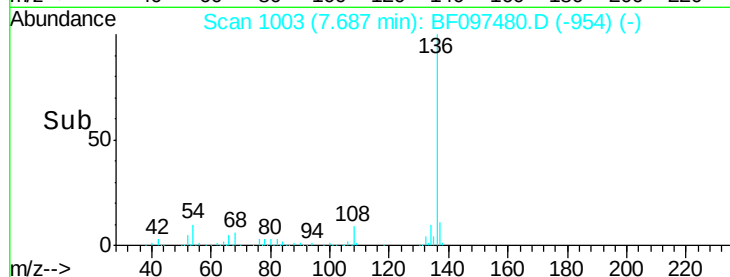


Abundance Ion 136.00 (135.70 to 136.70): E

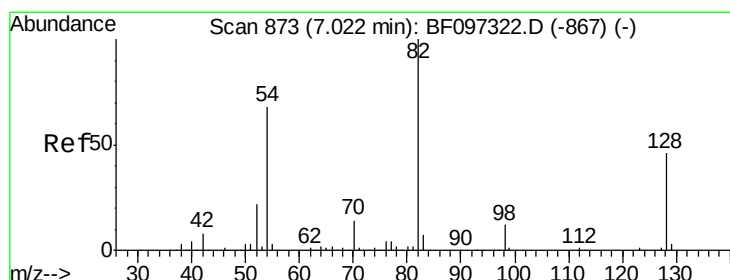
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 72.46 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

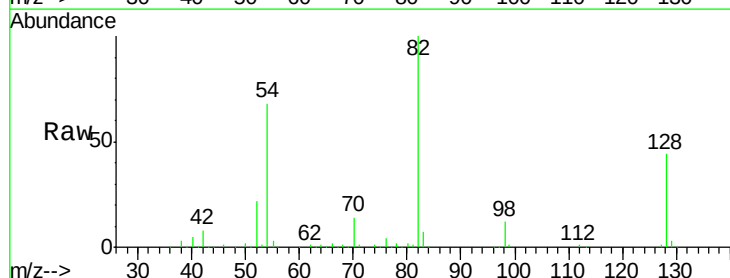
Tgt Ion: 82 Resp: 497155

Ion Ratio Lower Upper

82 100

128 43.8 34.0 51.0

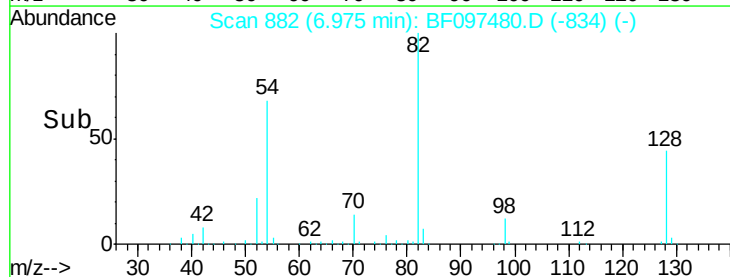
54 67.5 42.2 63.2#



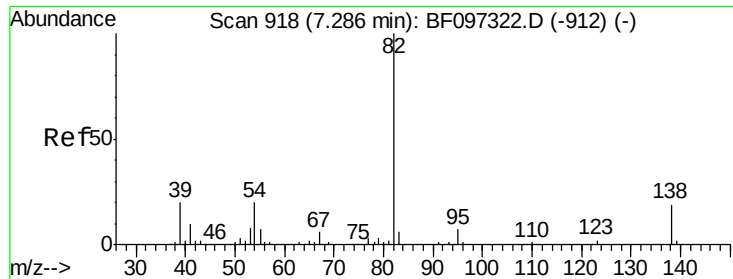
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 37.00 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Instrument :

BNA_F

ClientSampleId :

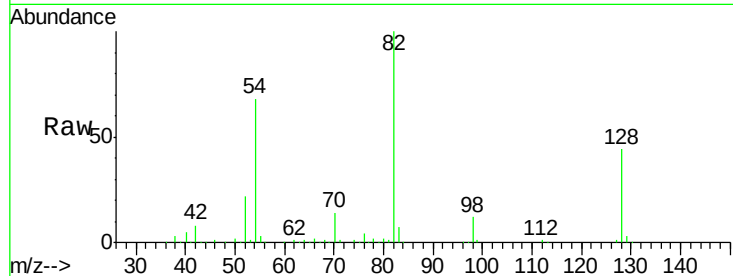
Tot Ion: 82 Resp: 497152

Ion Ratio Lower Upper

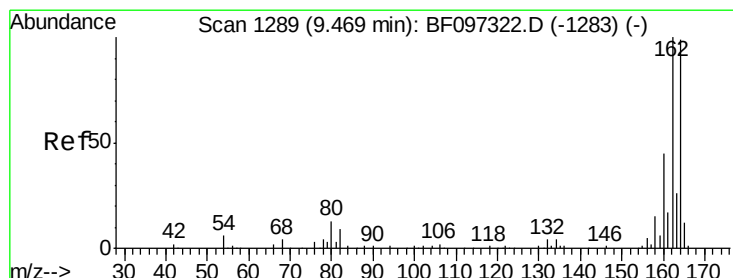
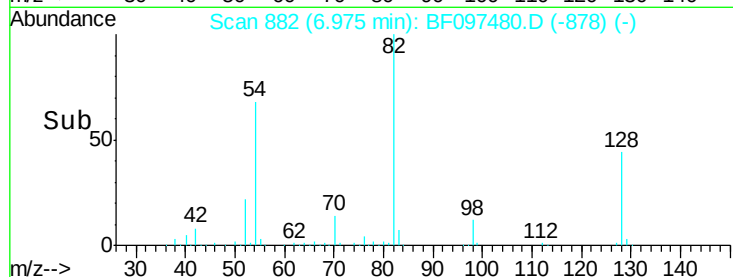
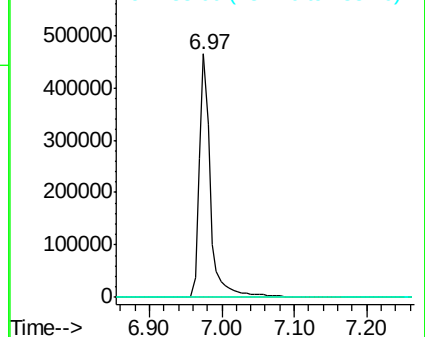
82 100

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# 1299

Delta R.T. -0.01 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

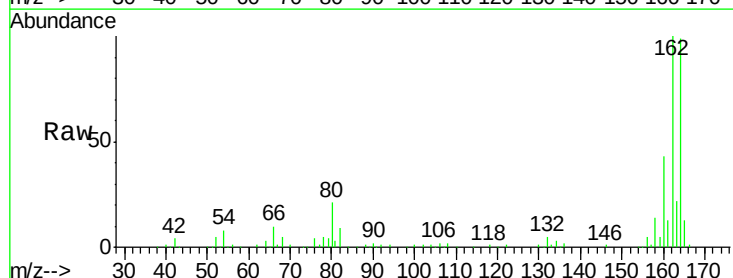
Tgt Ion: 164 Resp: 177885

Ion Ratio Lower Upper

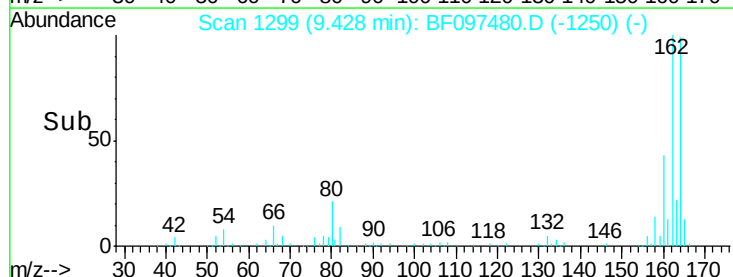
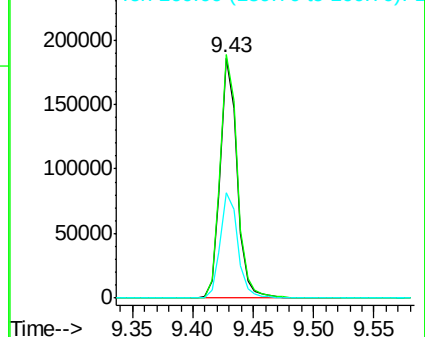
164 100

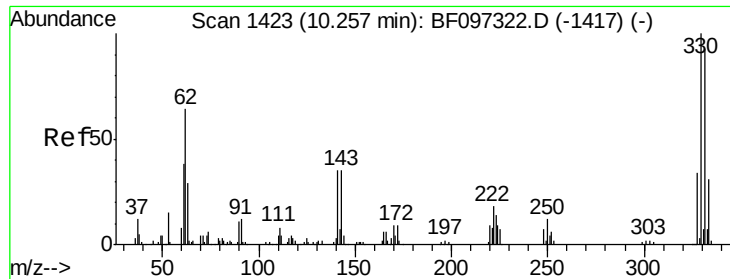
162 101.5 82.6 123.8

160 44.0 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

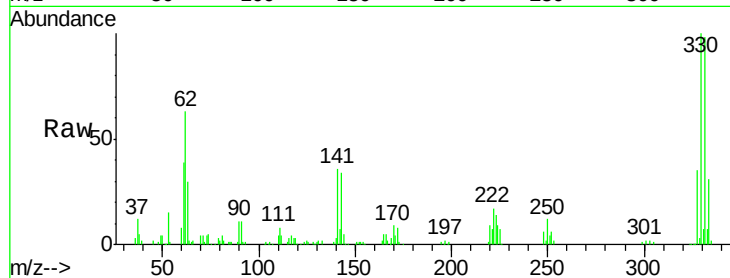




#41
 2,4,6-Tribromophenol
 Concen: 111.61 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	115.0
141	40.6	31.4	47.2

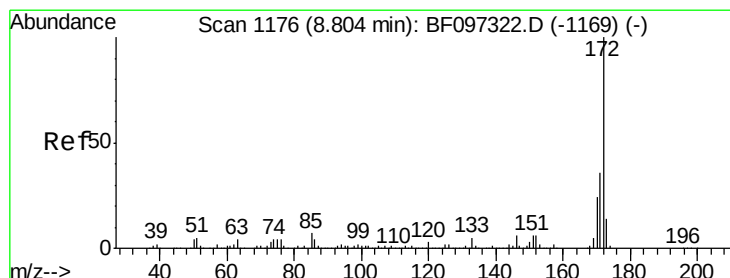
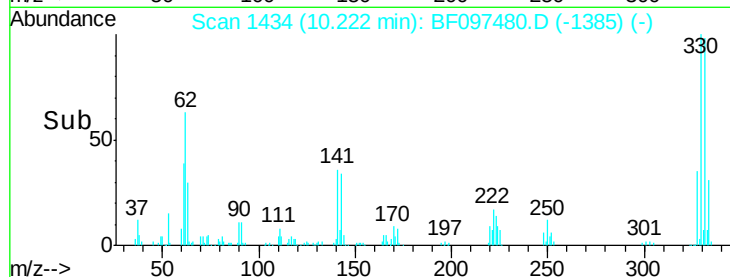
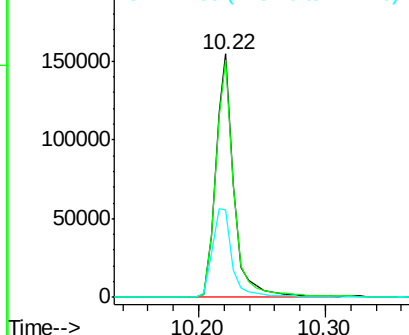


Abundance

Ion 329.80 (329.50 to 330.50): E

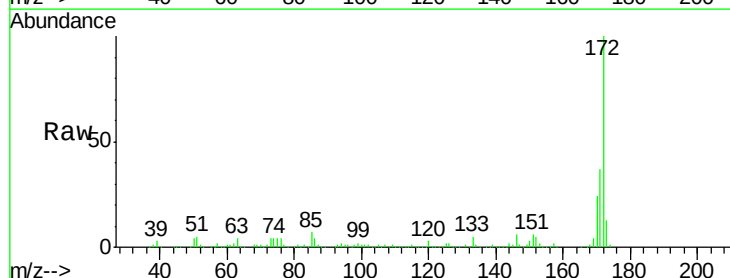
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.95 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8

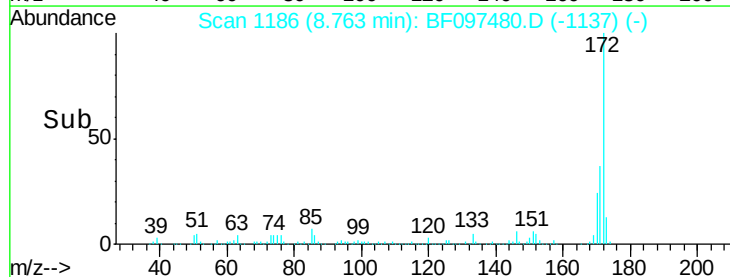
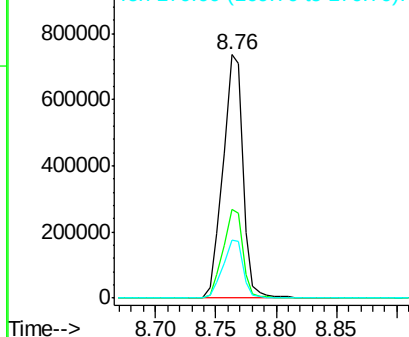


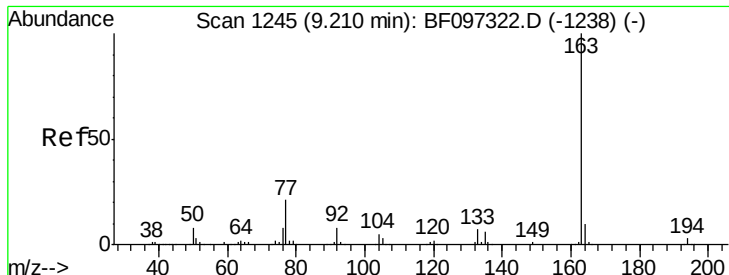
Abundance

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: 3.82 ng

RT: 9.43 min Scan# 1300

Delta R.T. 0.25 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Instrument :

BNA_F

ClientSampleId :

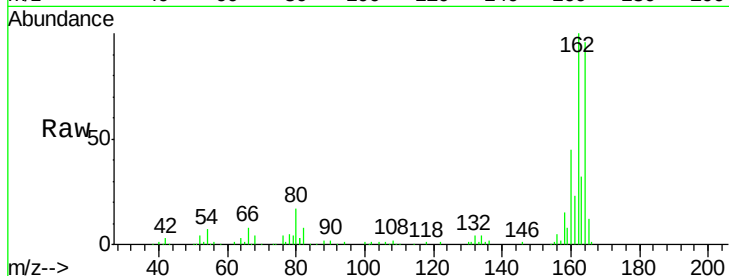
Tot Ion:163 Resp: 51622

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

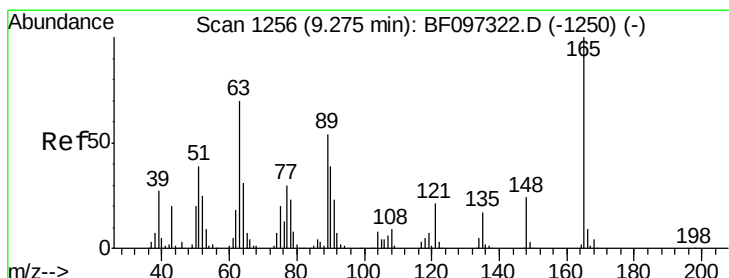
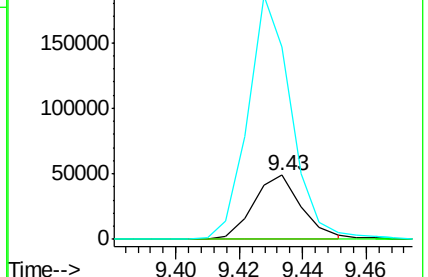
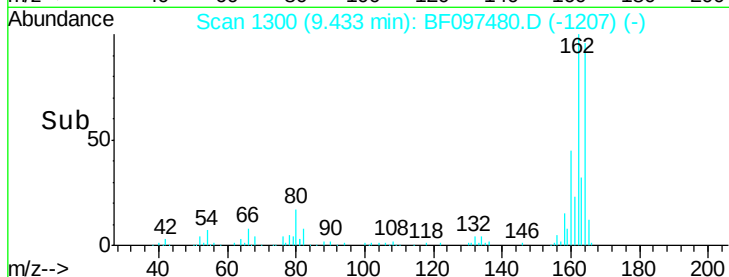
164 299.4 8.4 12.6#



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: 7.62 ng

RT: 9.43 min Scan# 1299

Delta R.T. 0.18 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

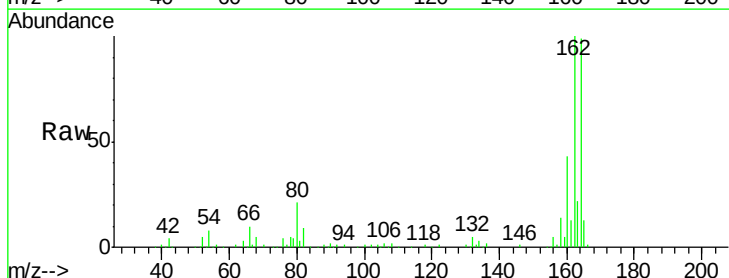
Tgt Ion:165 Resp: 21836

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

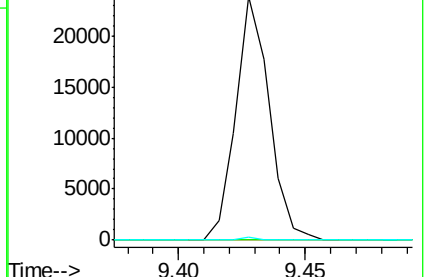
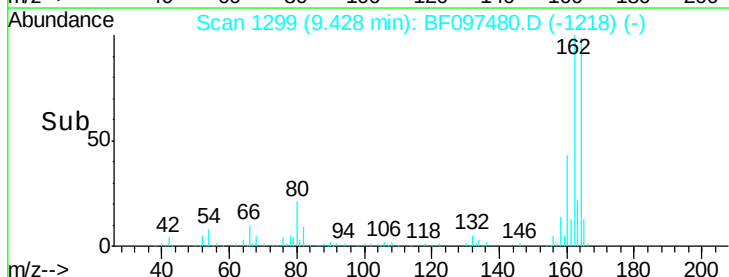
89 1.3 37.1 55.7#

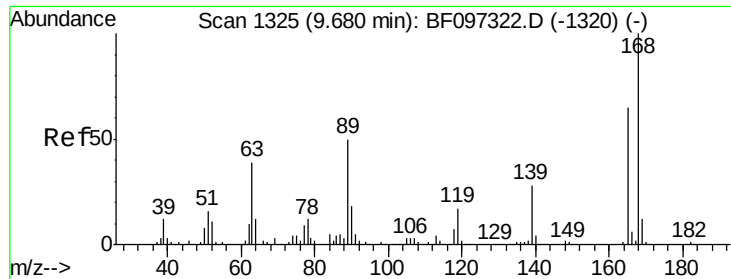


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

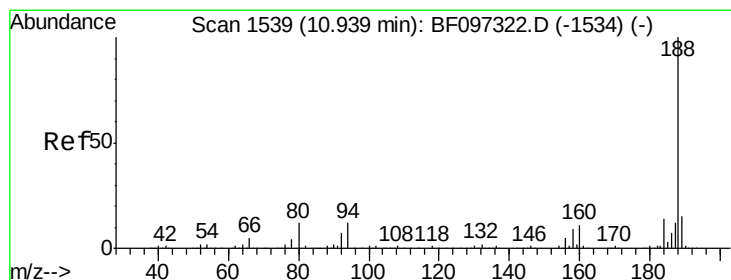
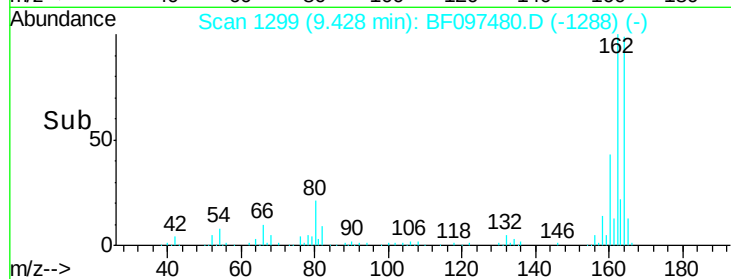
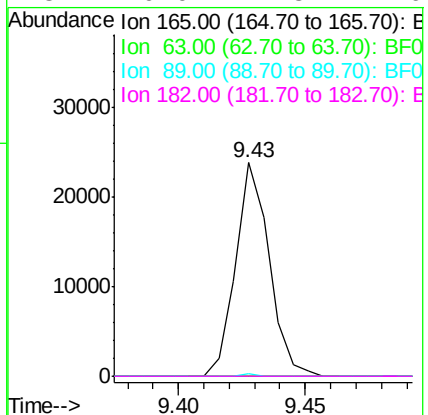
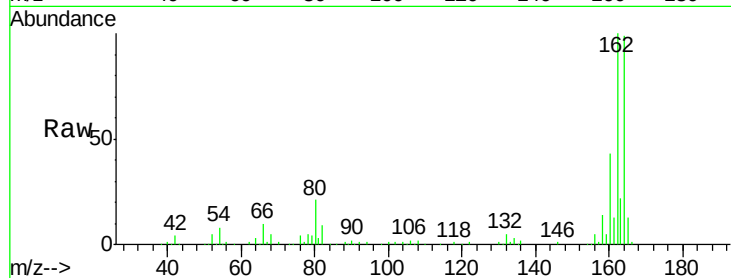




#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

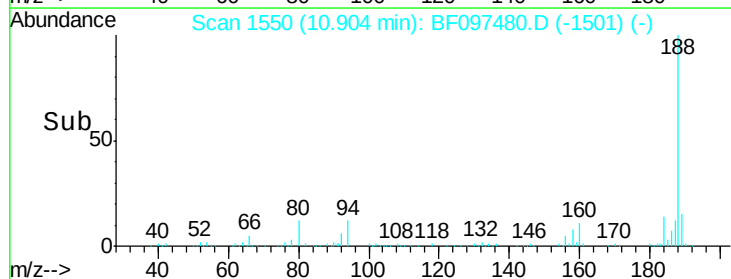
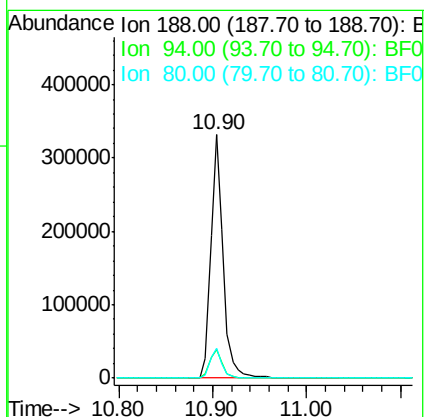
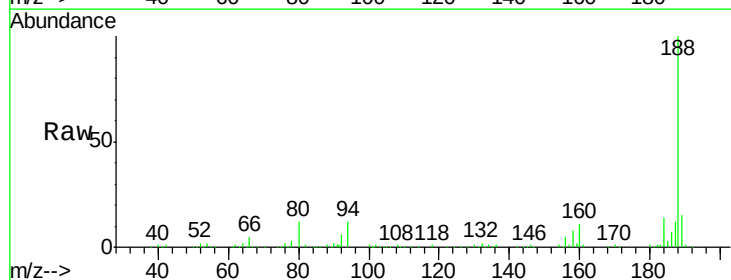
Instrument :
 BNA_F
 ClientSampleId :

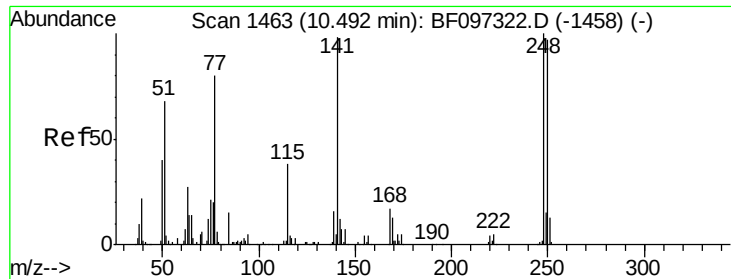
Tot Ion:	165	Resp:	21836
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Tgt Ion:	188	Resp:	308937
Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.2	10.2	15.2

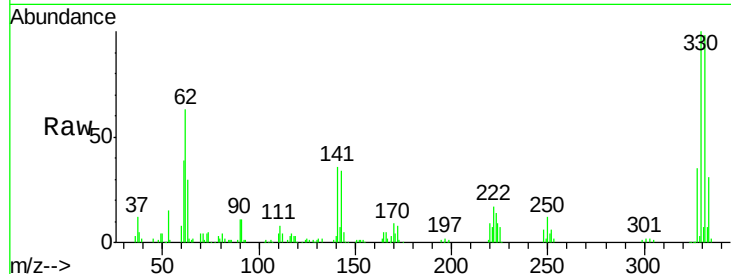




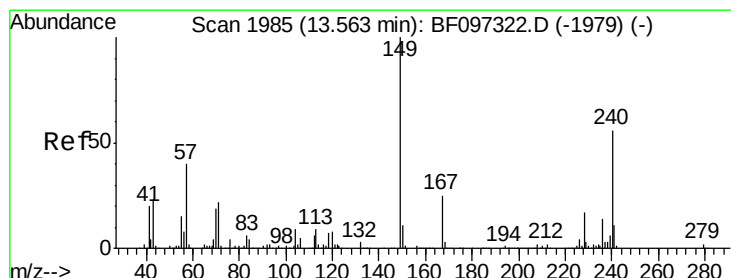
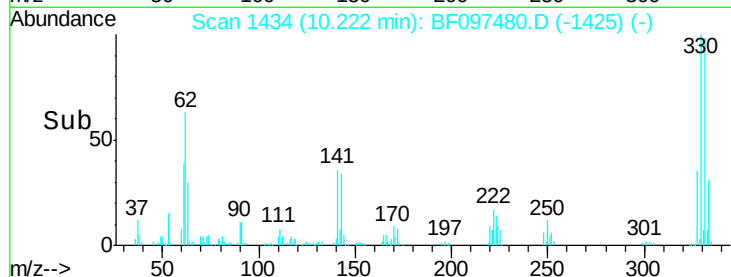
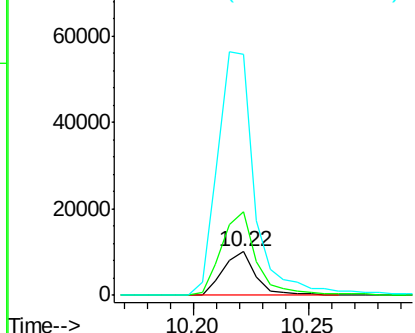
#66
 4-Bromophenyl-phenylether
 Concen: 3.20 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
248	100			
250	191.4	76.8	115.2#	
141	556.5	68.6	103.0#	

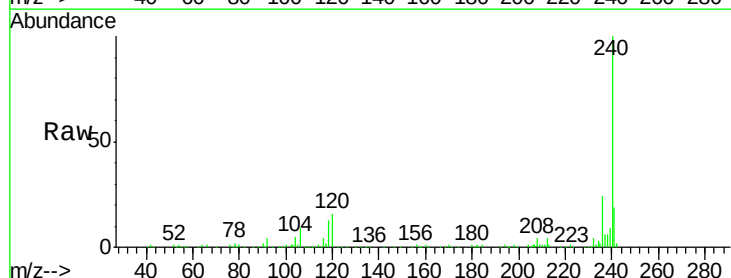


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

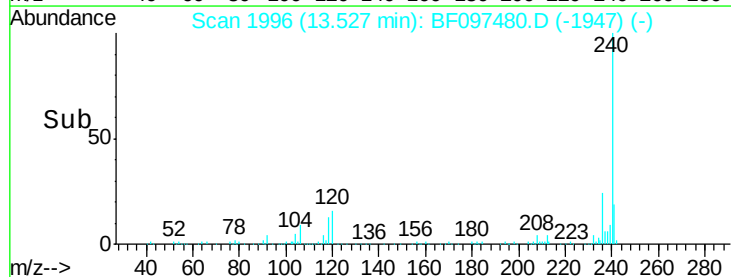
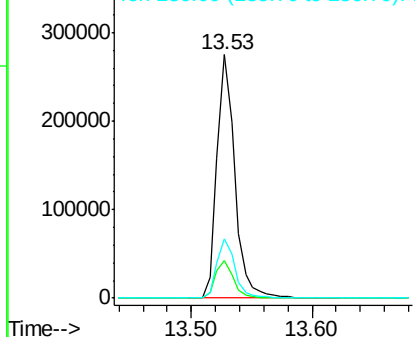


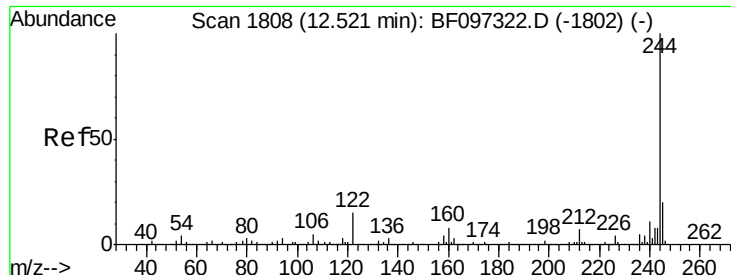
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	15.6	5.8	8.8#	
236	24.5	20.5	30.7	



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

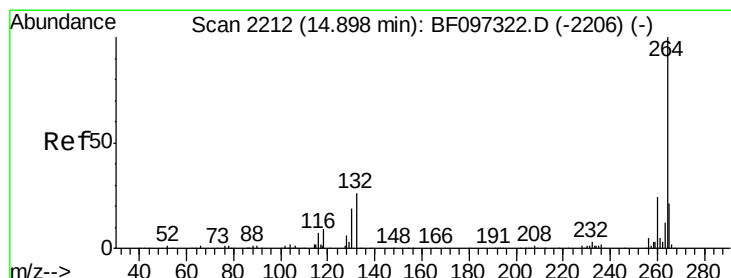
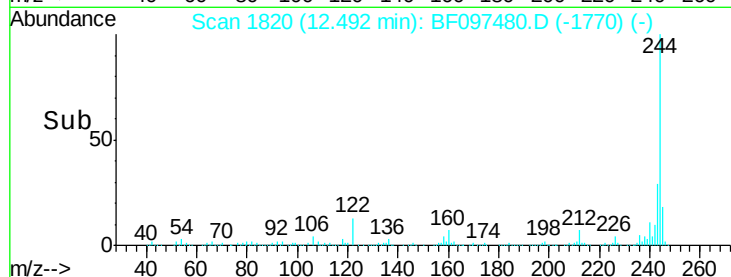
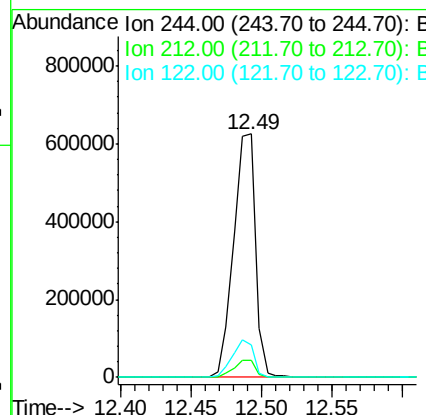
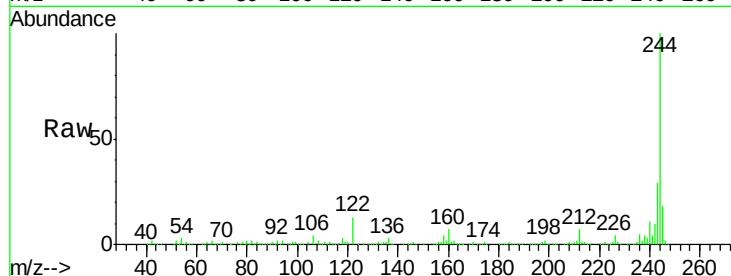




#78
 Terphenyl-d14
 Concen: 49.33 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 677626
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.2 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: BF097480.D
 Acq: 8 Aug 2017 20:44

Tgt Ion:264 Resp: 229061
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.3 17.2 25.8

