

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097033.D
 Acq On : 25 Jul 2017 17:12
 Operator : SJ/JU
 Sample : I4398-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 01:03:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

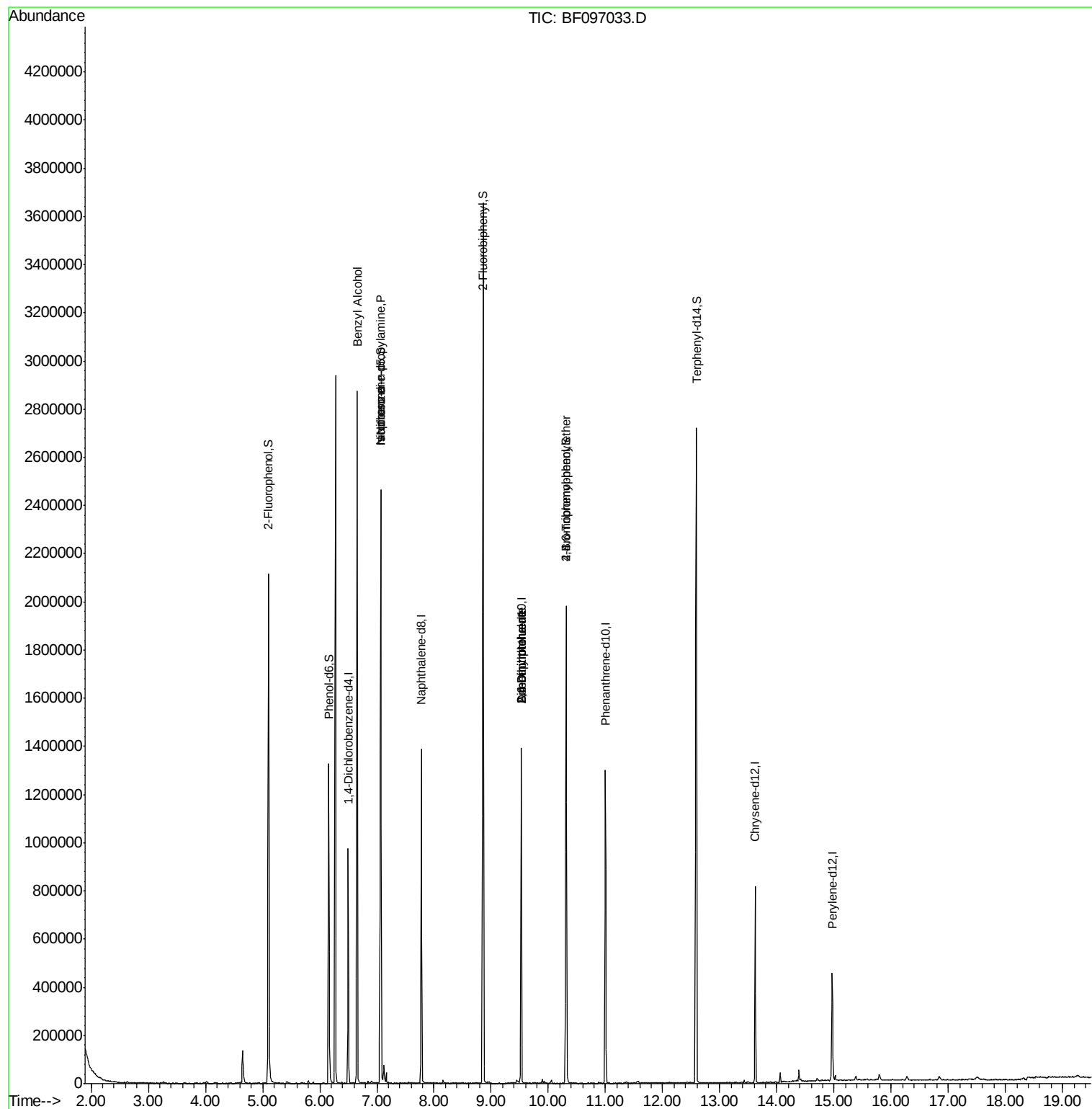
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	144958	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	639129	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	285480	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	448254	20.00	ng	0.00
75) Chrysene-d12	13.62	240	268031	20.00	ng	0.00
86) Perylene-d12	14.97	264	174997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	624447	64.94	ng	0.00
7) Phenol-d6	6.16	99	418639	38.14	ng	-0.01
23) Nitrobenzene-d5	7.07	82	883854	81.13	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	264146	117.11	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1425602	84.75	ng	0.00
78) Terphenyl-d14	12.59	244	1030972	78.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.65	79	14445	2.08	ng	# 42
19) n-Nitroso-di-n-propylamine	7.07	70	119375	16.52	ng	# 86
25) Isophorone	7.07	82	861710	40.39	ng	# 67
49) Dimethylphthalate	9.53	163	84394	3.89	ng	# 1
50) 2,6-Dinitrotoluene	9.53	165	36558	7.95	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	36558	6.92	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	16563	3.70	ng	# 1

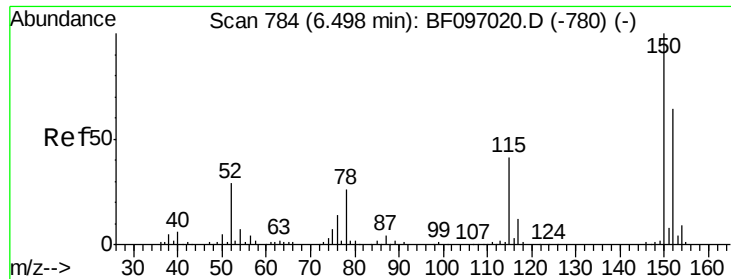
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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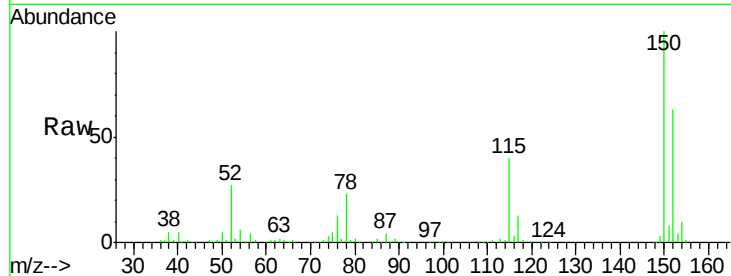


#1

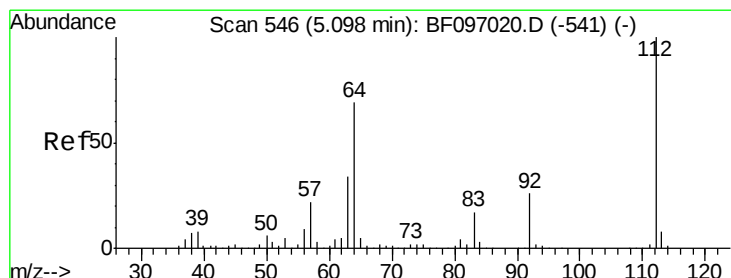
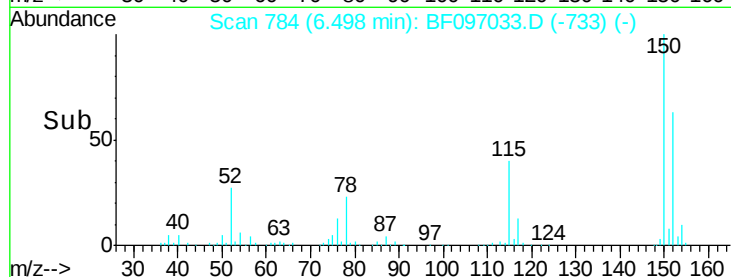
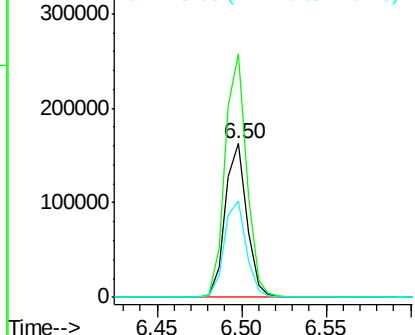
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144958
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 63.0 52.2 78.2



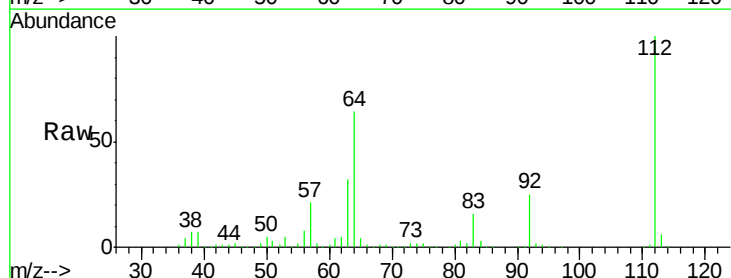
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



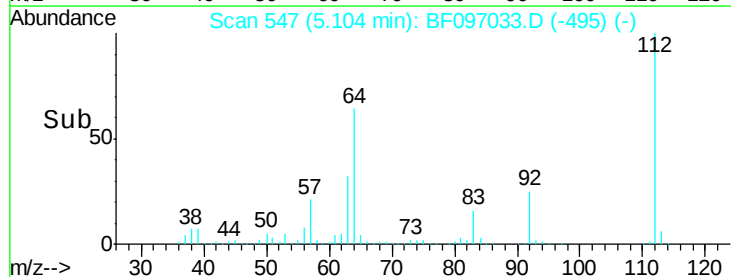
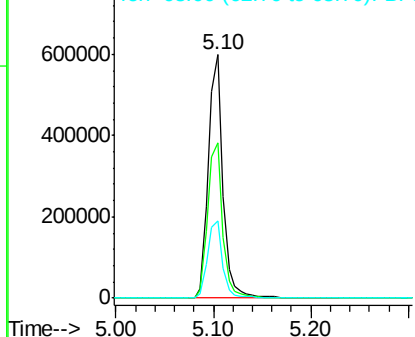
#5

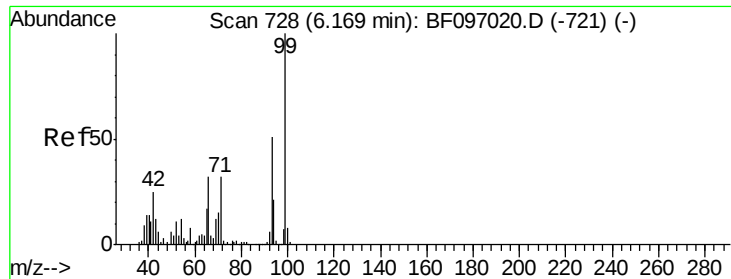
2-Fluorophenol
Concen: 64.94 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Tgt Ion:112 Resp: 624447
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 31.8 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: 38.14 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097033.D

Acq: 25 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

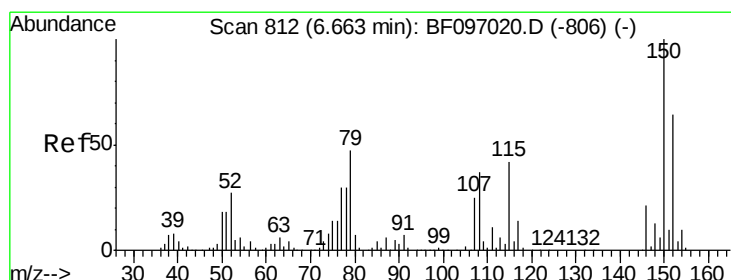
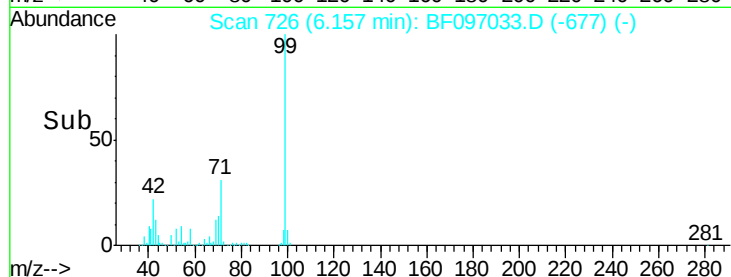
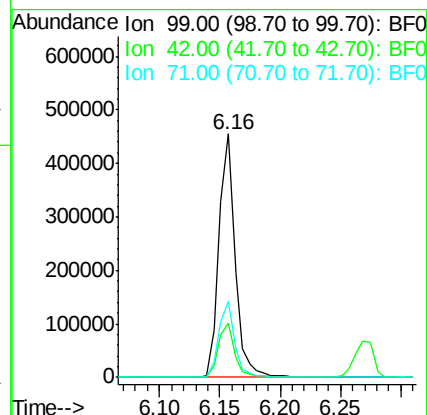
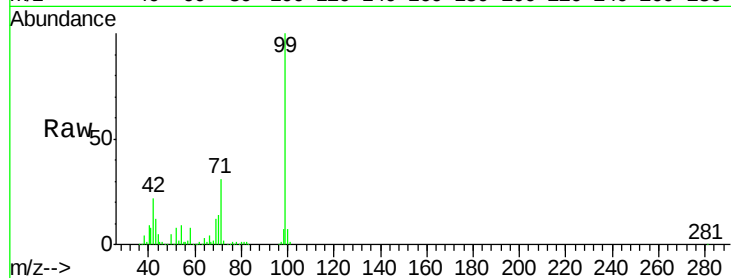
Tot Ion: 99 Resp: 418639

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 31.5 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097033.D

Acq: 25 Jul 2017 17:12

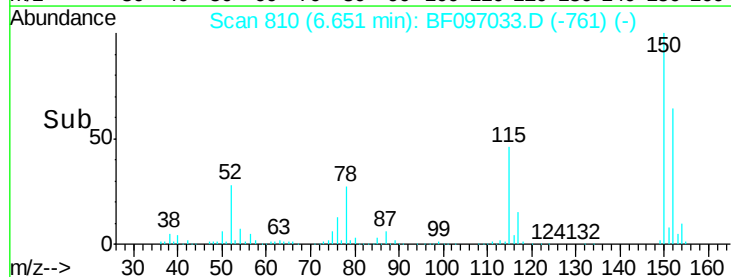
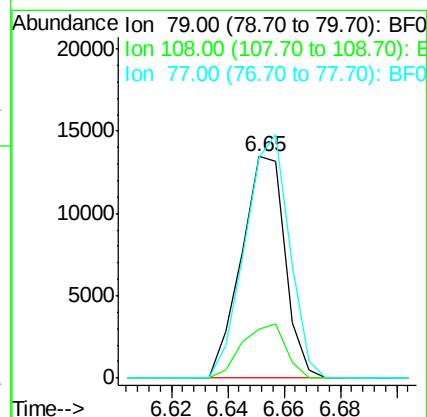
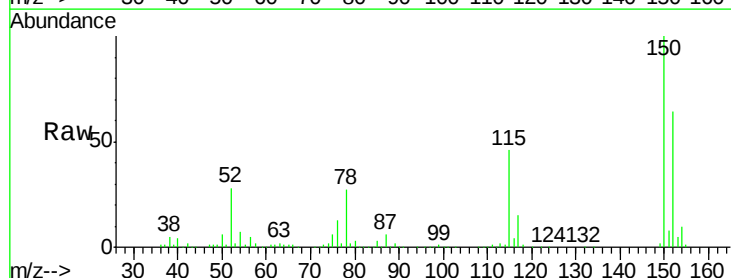
Tgt Ion: 79 Resp: 14445

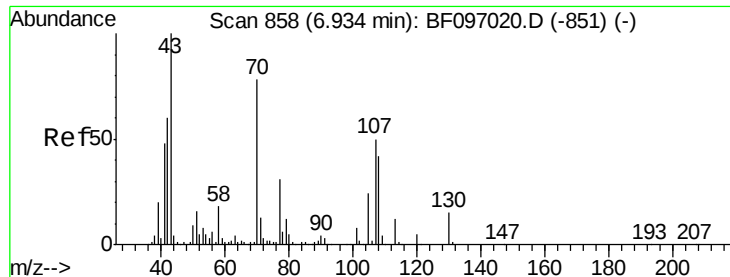
Ion Ratio Lower Upper

79 100

108 21.9 63.4 95.0#

77 99.5 49.2 73.8#

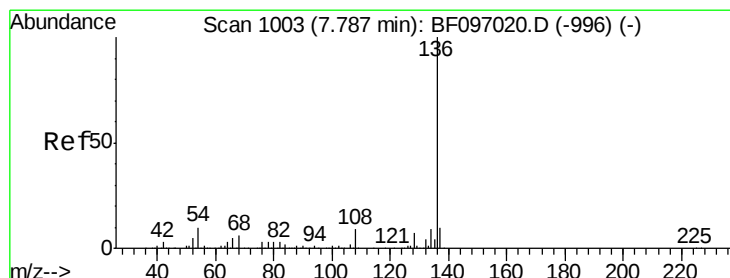
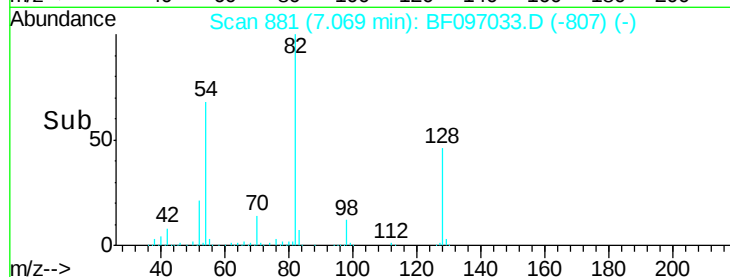
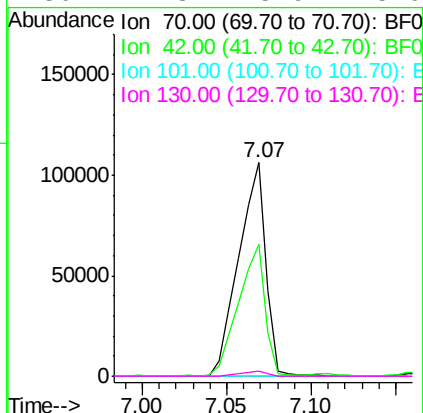
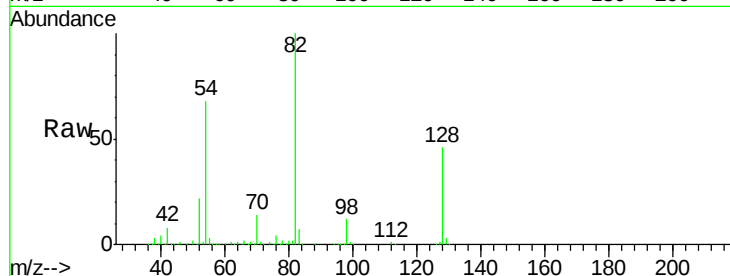




#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

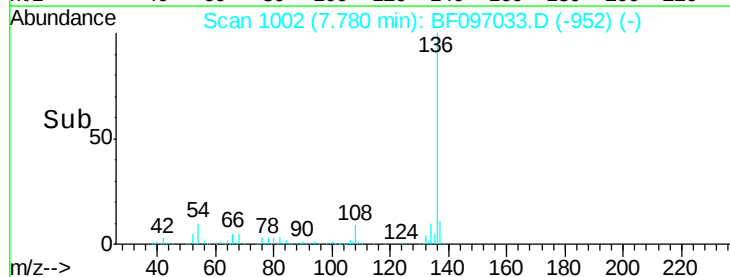
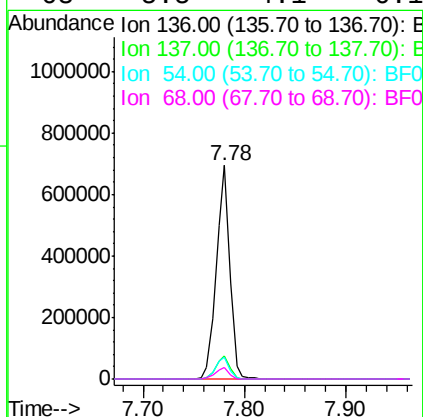
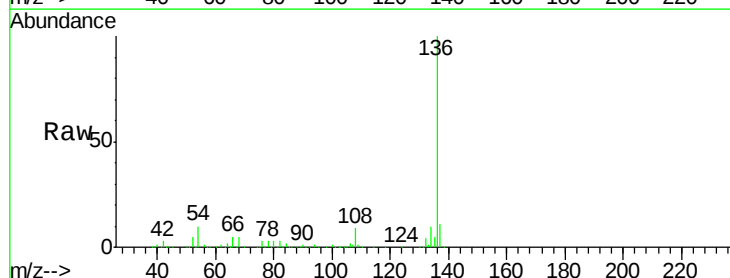
Instrument :
BNA_F
ClientSampleId :

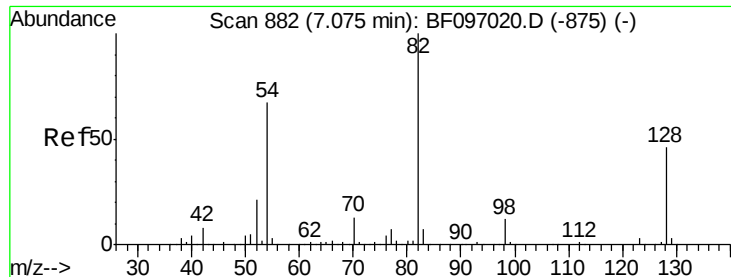
Tot Ion: 70 Resp: 119375
Ion Ratio Lower Upper
70 100
42 61.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Tgt Ion:136 Resp: 639129
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.3 4.9 7.3#
68 5.5 4.1 6.1

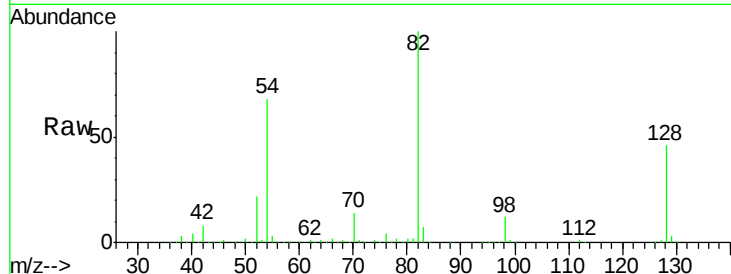




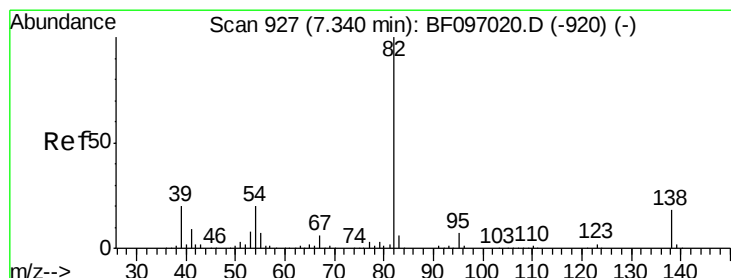
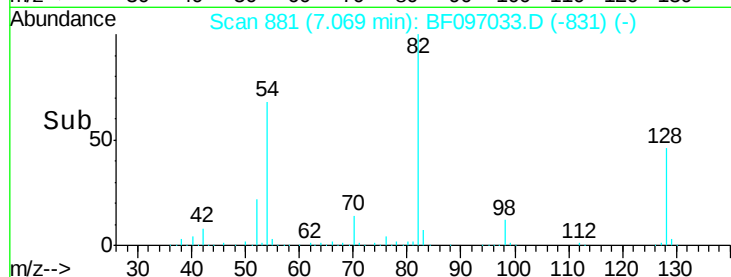
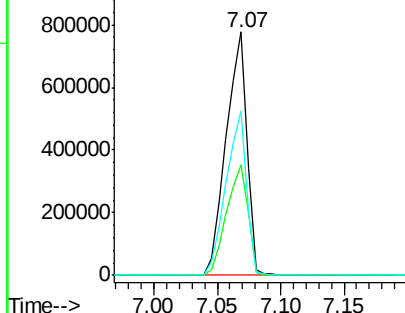
#23
Nitrobenzene-d5
Concen: 81.13 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 883854
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 67.7 42.2 63.2#

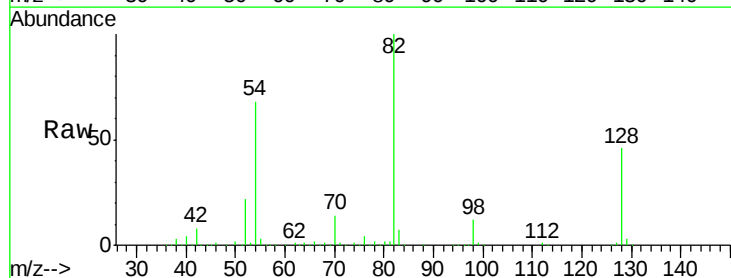


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

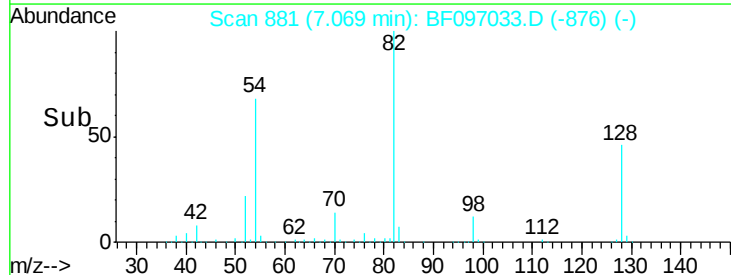
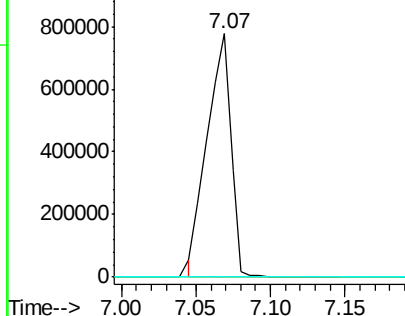


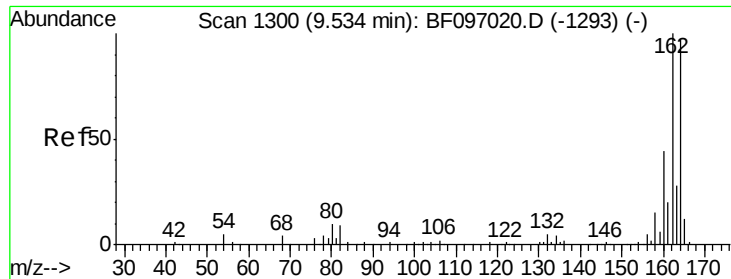
#25
Isophorone
Concen: 40.39 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Tgt Ion: 82 Resp: 861710
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: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097033.D

Acq: 25 Jul 2017 17:12

Instrument :

BNA_F

ClientSampleId :

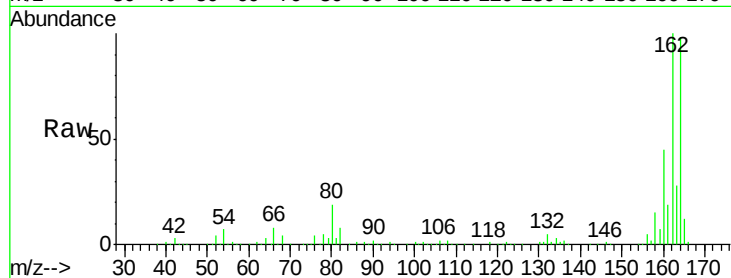
Tot Ion:164 Resp: 285480

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

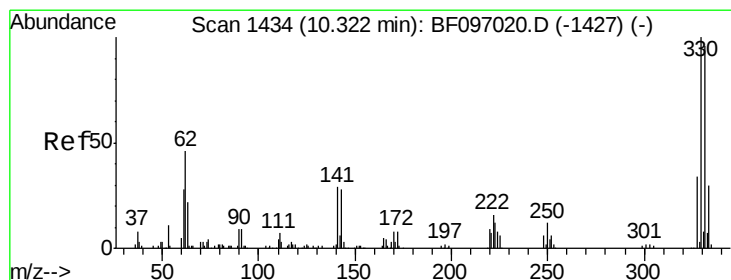
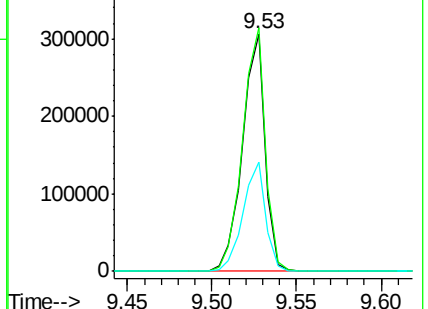
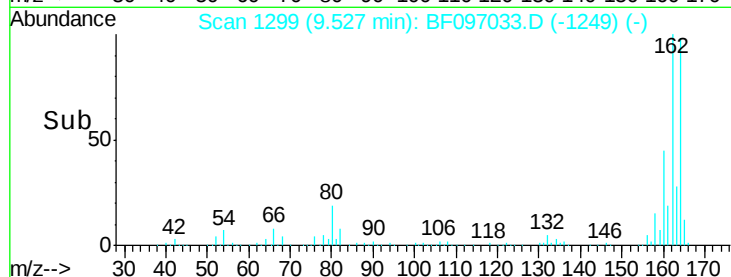
160 46.1 36.2 54.2



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: 117.11 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF097033.D

Acq: 25 Jul 2017 17:12

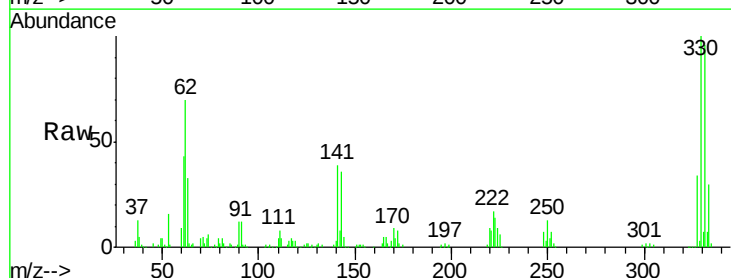
Tgt Ion:330 Resp: 264146

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

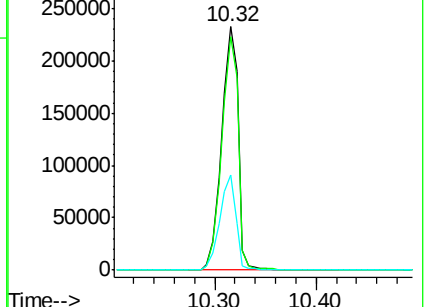
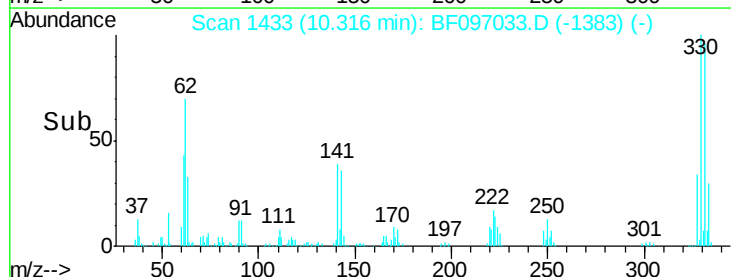
141 37.8 31.4 47.2



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

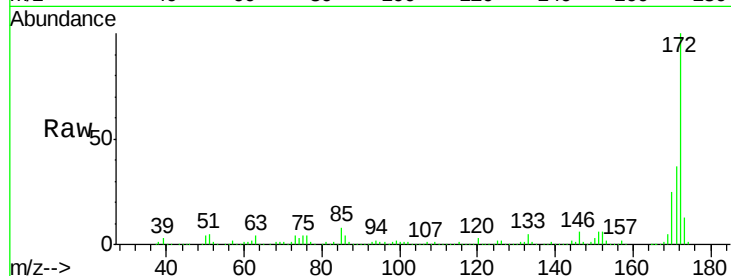




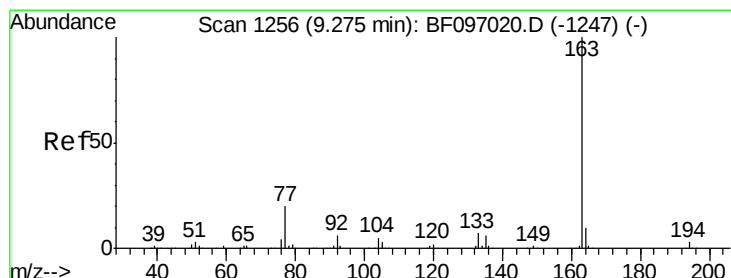
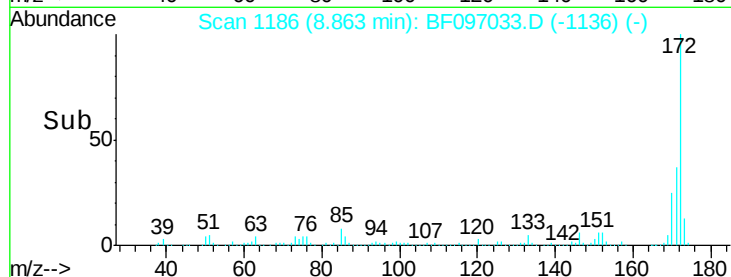
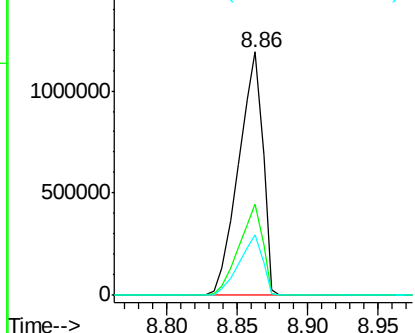
#44
2-Fluorobiphenyl
Concen: 84.75 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1425602
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 24.8 19.8 29.8

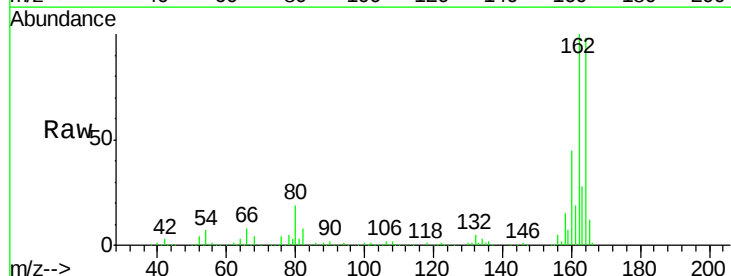


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

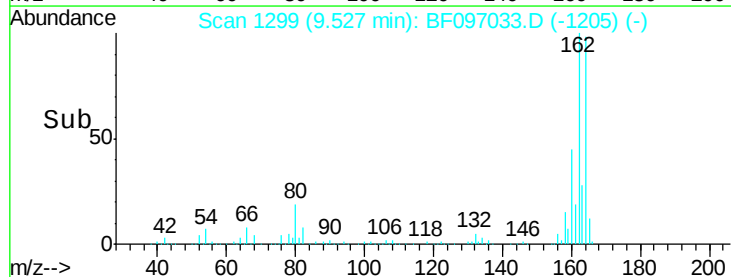
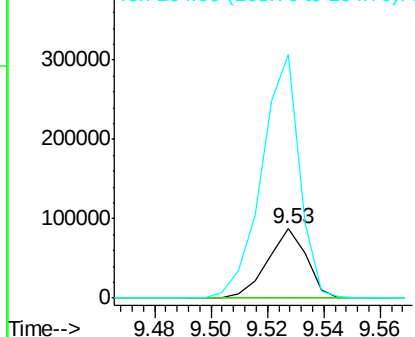


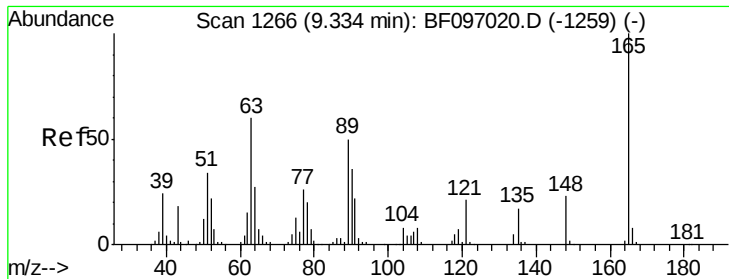
#49
Dimethylphthalate
Concen: 3.89 ng
RT: 9.53 min Scan# 1299
Delta R.T. 0.25 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Tgt Ion:163 Resp: 84394
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 351.3 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

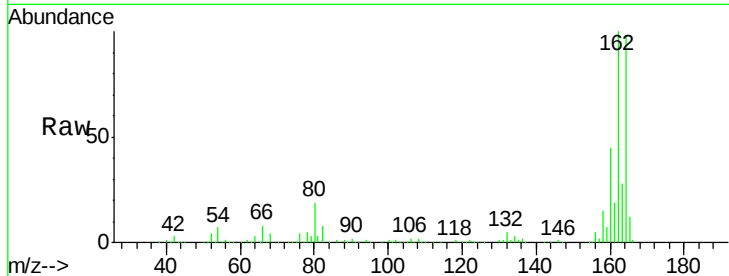




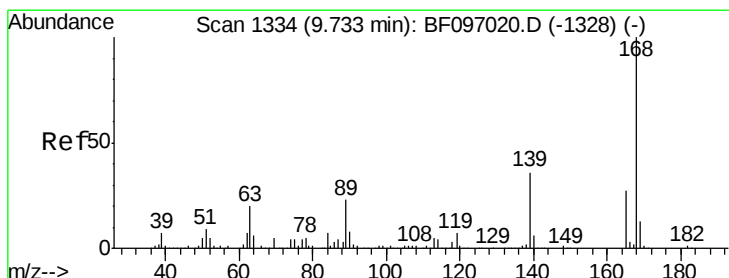
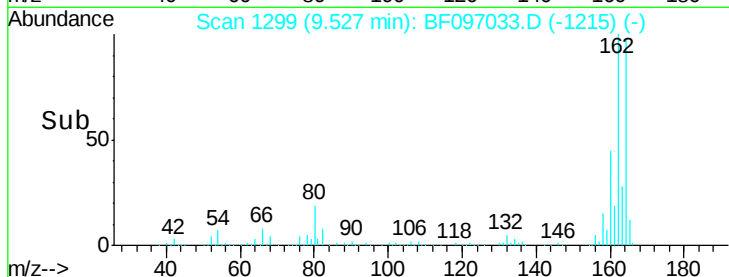
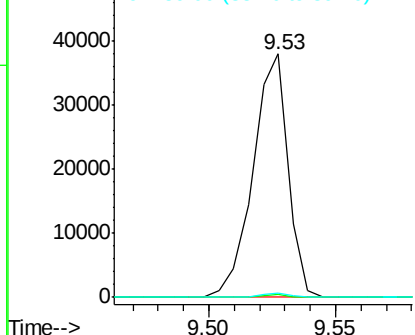
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	2.0	37.1	55.7#



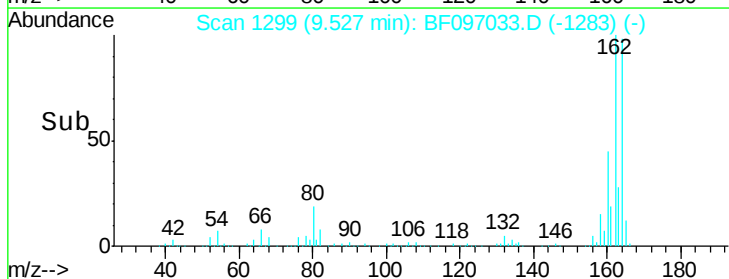
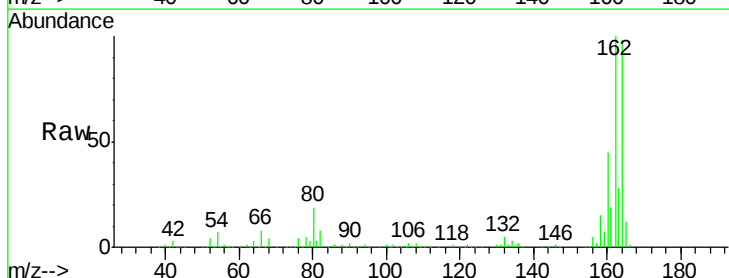
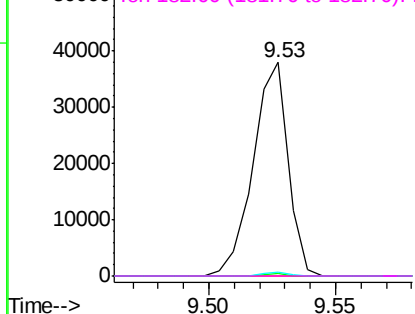
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

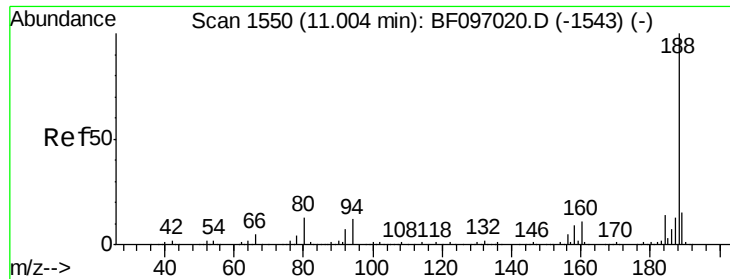


#56
 2,4-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

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

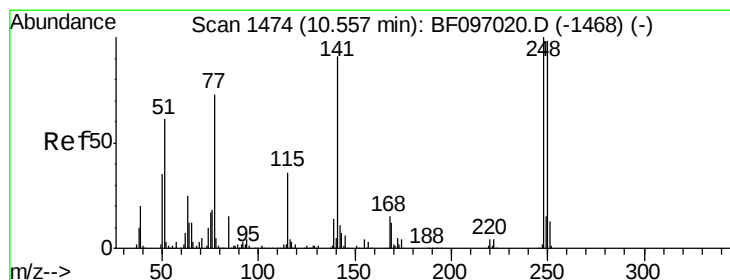
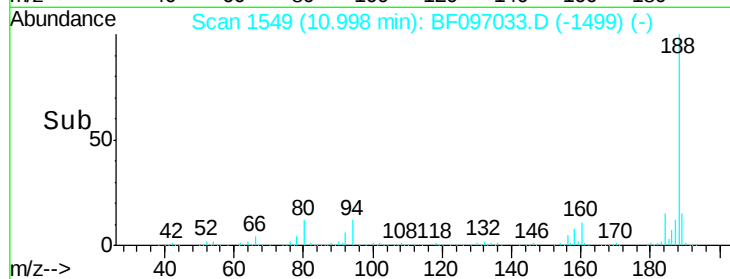
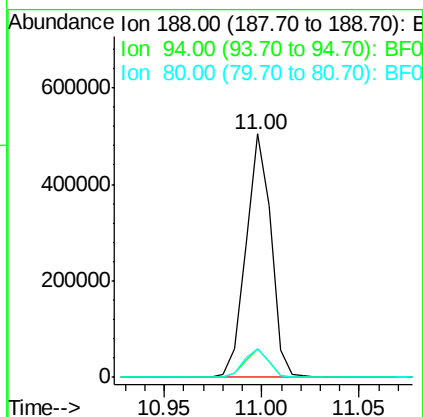
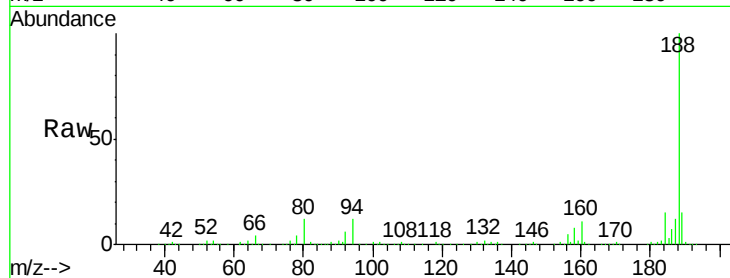




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

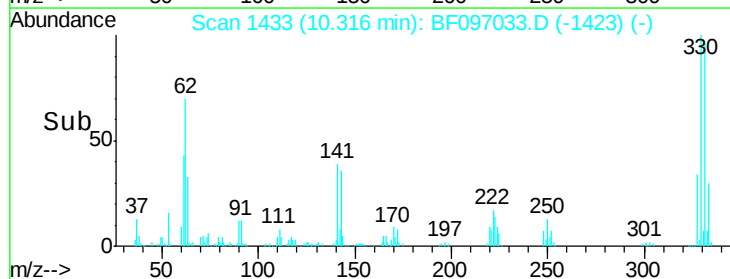
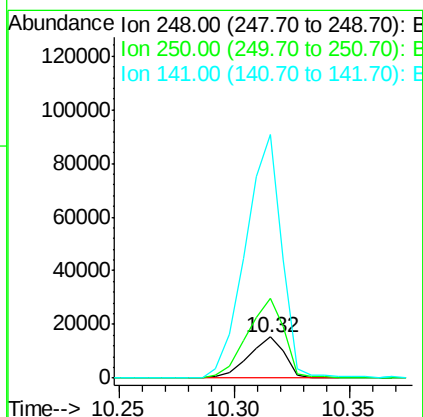
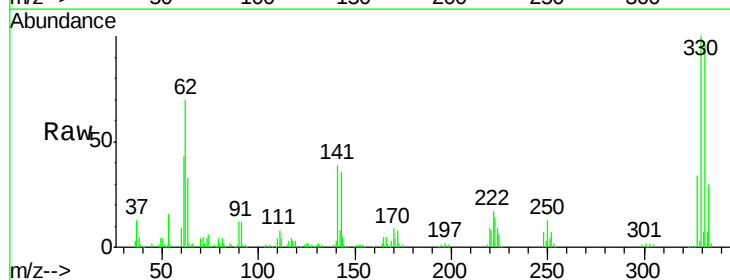
Instrument :
BNA_F
ClientSampleId :

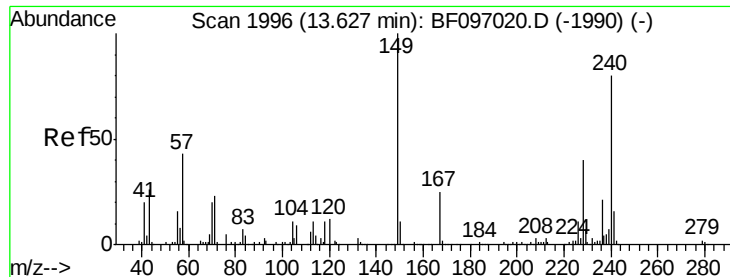
Tot Ion:188 Resp: 448254
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 11.9 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF097033.D
Acq: 25 Jul 2017 17:12

Tgt Ion:248 Resp: 16563
Ion Ratio Lower Upper
248 100
250 193.9 76.8 115.2#
141 589.4 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097033.D

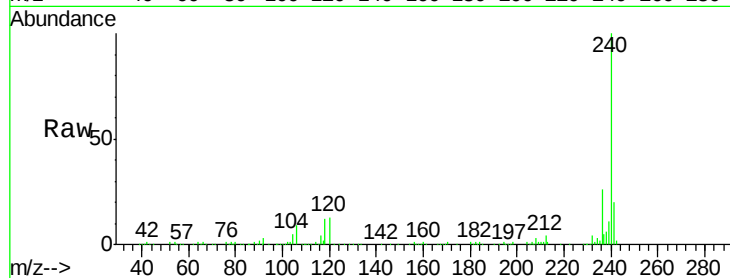
Acq: 25 Jul 2017 17:12

Instrument :

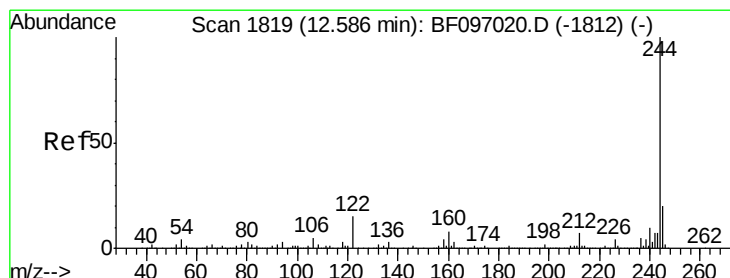
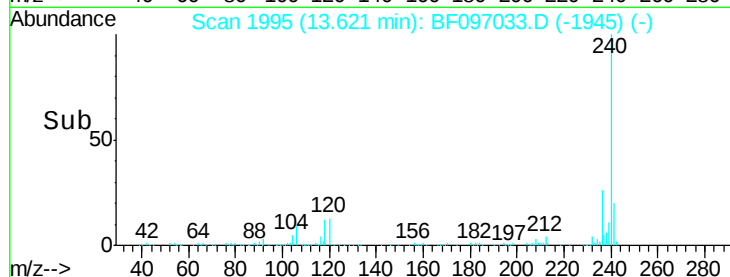
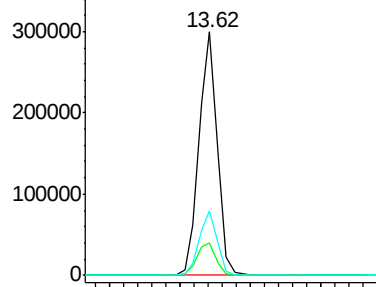
BNA_F

ClientSampleId :

Tot Ion:240 Resp: 268031
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 26.3 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: 78.42 ng

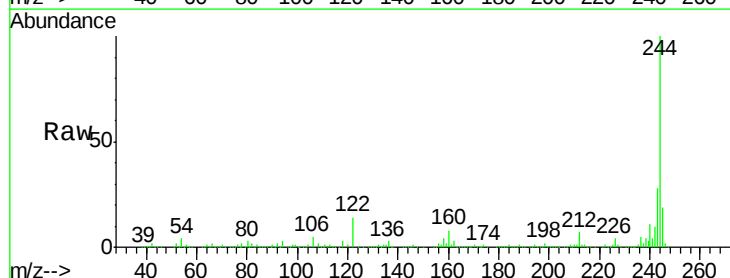
RT: 12.59 min Scan# 1820

Delta R.T. 0.01 min

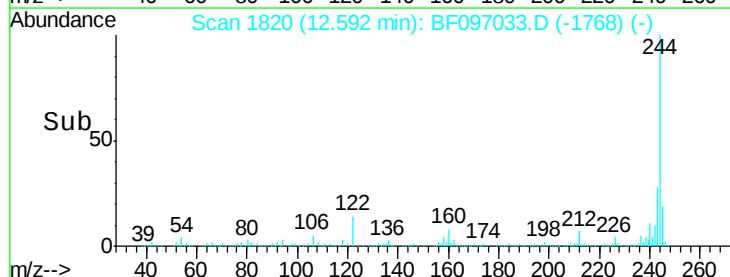
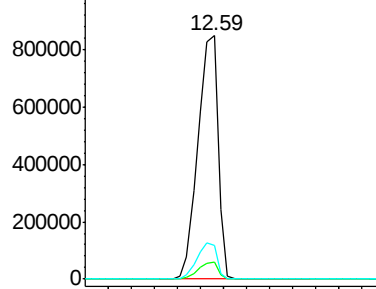
Lab File: BF097033.D

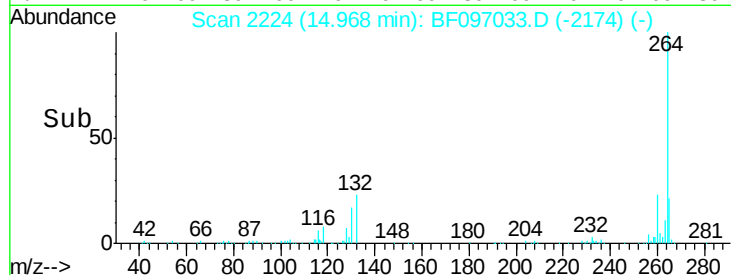
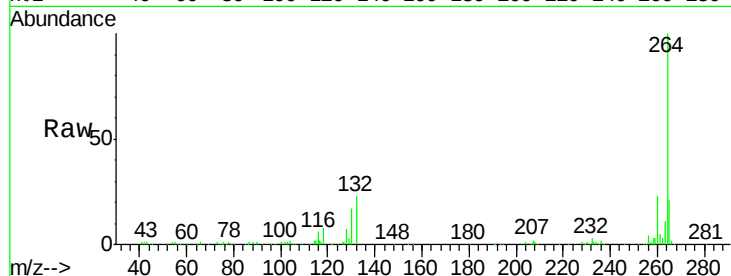
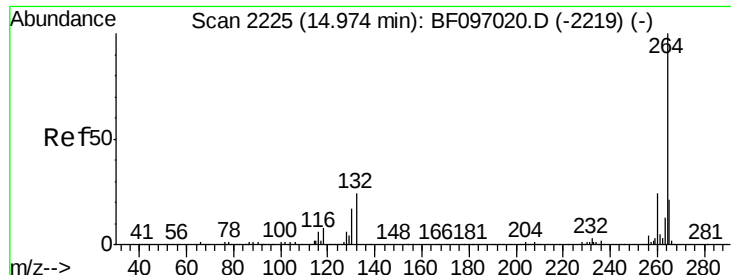
Acq: 25 Jul 2017 17:12

Tgt Ion:244 Resp: 1030972
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.9 10.3 15.5



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: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097033.D
 Acq: 25 Jul 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	174997
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.3	17.2	25.8

