

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097362.D
 Acq On : 4 Aug 2017 18:14
 Operator : SJ/JU
 Sample : PB101226BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 22:59:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

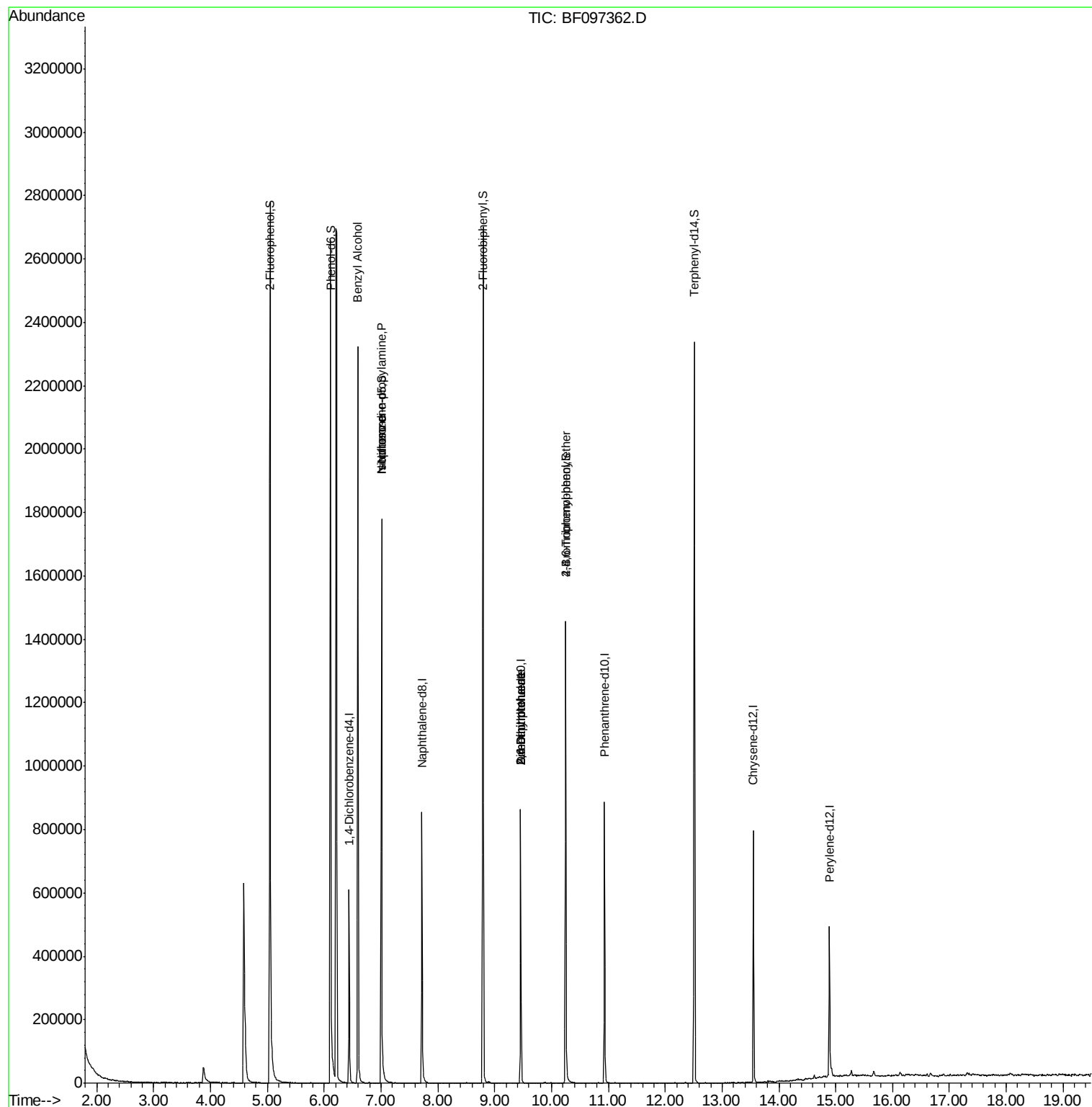
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	99542	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	455688	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	184510	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	318533	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	262882	20.00	ng	-0.08
86) Perylene-d12	14.89	264	187252	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	893838	135.37	ng	-0.05
7) Phenol-d6	6.11	99	1050523	139.36	ng	-0.06
23) Nitrobenzene-d5	7.01	82	586111	75.45	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	185459	127.22	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	1011570	93.04	ng	-0.07
78) Terphenyl-d14	12.52	244	816071	63.29	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	6.59	79	9956	2.09	ng	# 38
19) n-Nitroso-di-n-propylamine	7.01	70	78125	15.74	ng	# 84
25) Isophorone	7.01	82	562432	36.97	ng	# 67
49) Dimethylphthalate	9.46	163	54697	3.90	ng	# 1
50) 2,6-Dinitrotoluene	9.46	165	23036	7.75	ng	# 34
56) 2,4-Dinitrotoluene	9.46	165	23036	6.74	ng	# 34
66) 4-Bromophenyl-phenylether	10.25	248	11898	3.74	ng	# 1

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

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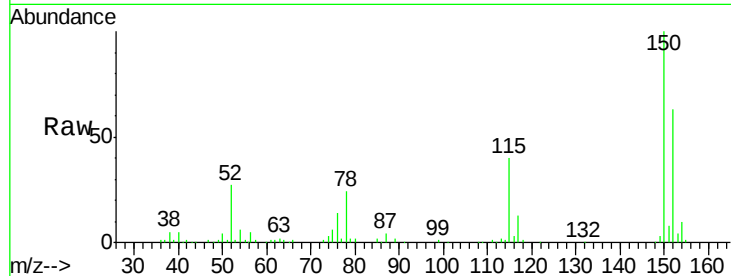


#1

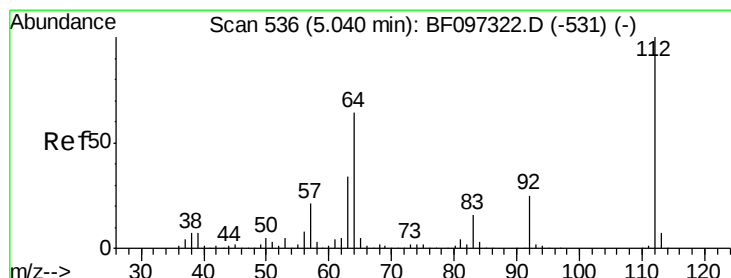
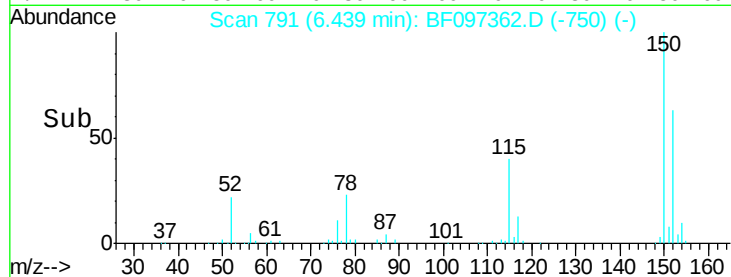
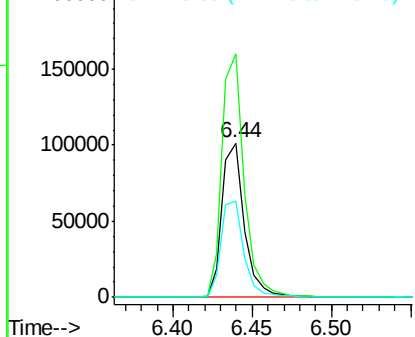
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99542
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 62.6 52.2 78.2



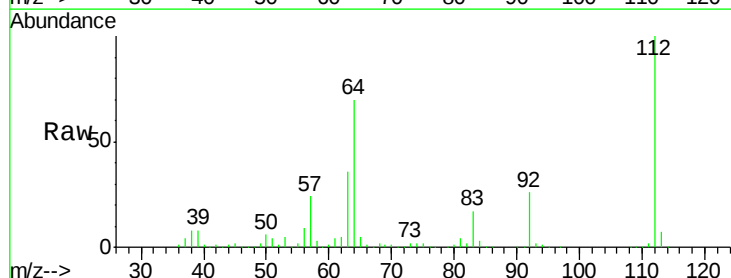
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



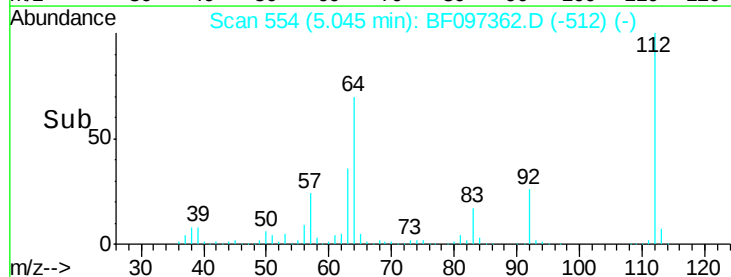
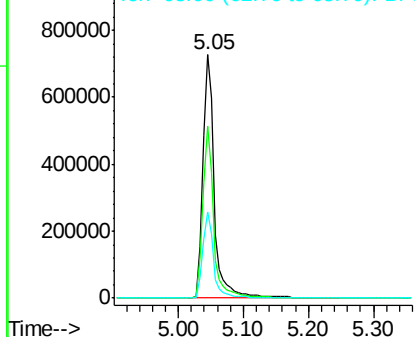
#5

2-Fluorophenol
Concen: 135.37 ng
RT: 5.05 min Scan# 554
Delta R.T. -0.05 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Tgt Ion:112 Resp: 893838
Ion Ratio Lower Upper
112 100
64 70.4 46.0 69.0#
63 35.5 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: 139.36 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097362.D

Acq: 4 Aug 2017 18:14

Instrument :

BNA_F

ClientSampled :

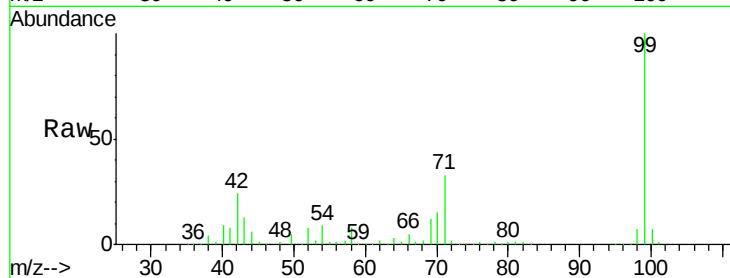
Tot Ion: 99 Resp: 1050523

Ion Ratio Lower Upper

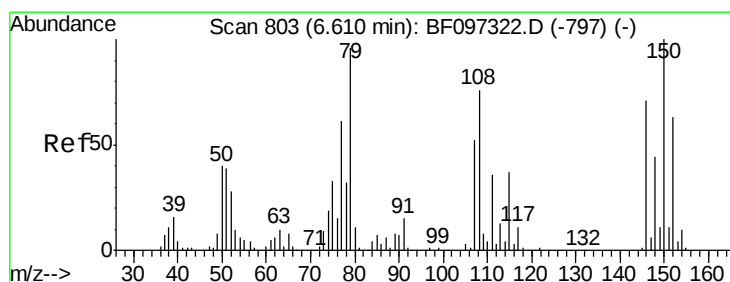
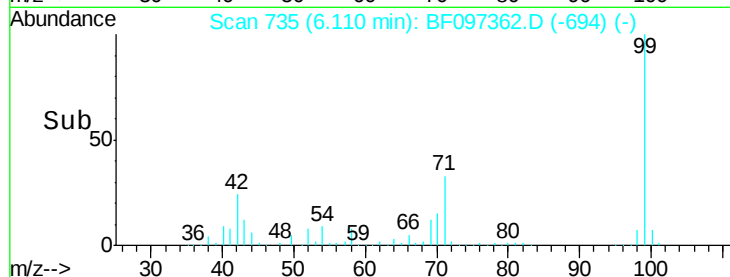
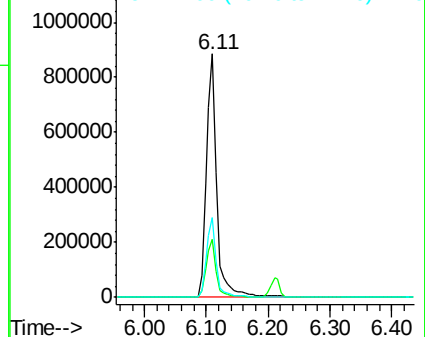
99 100

42 23.8 13.5 20.3#

71 32.9 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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.59 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF097362.D

Acq: 4 Aug 2017 18:14

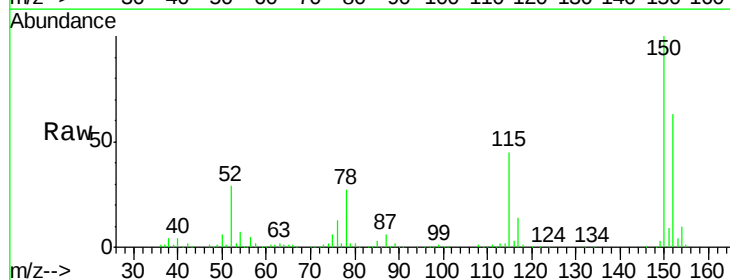
Tgt Ion: 79 Resp: 9956

Ion Ratio Lower Upper

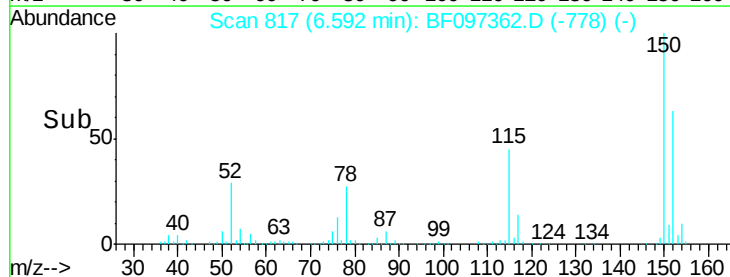
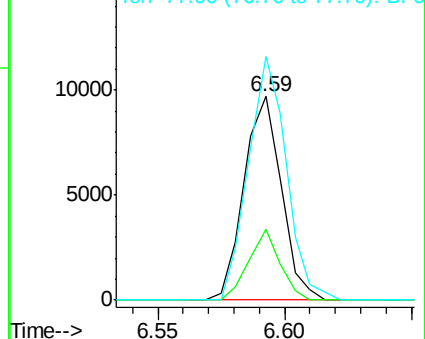
79 100

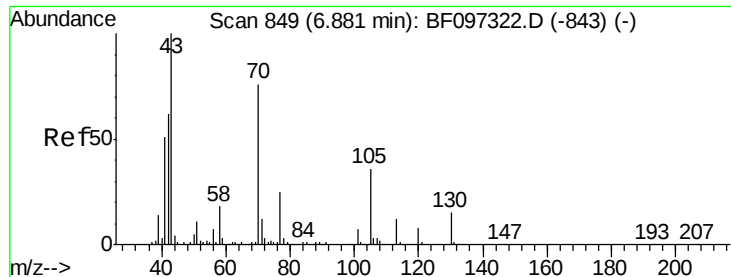
108 34.8 63.4 95.0#

77 119.8 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

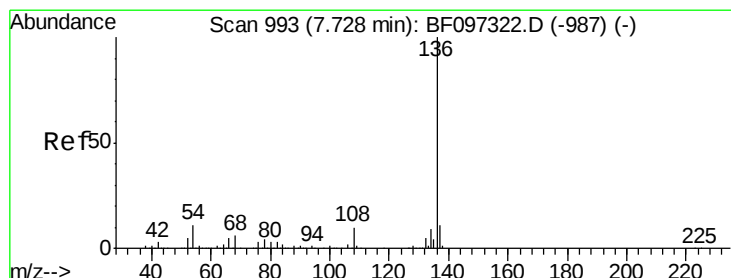
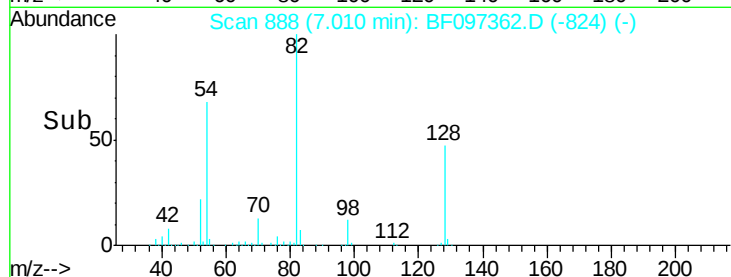
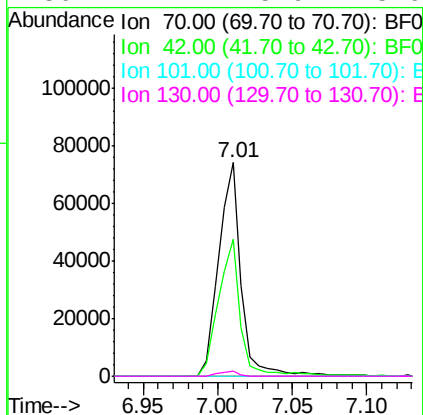
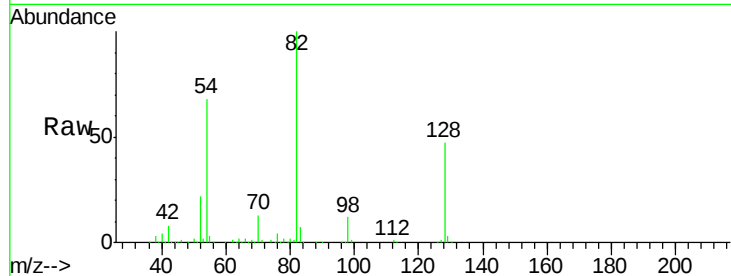




#19
n-Nitroso-di-n-propylamine
Concen: 15.74 ng
RT: 7.01 min Scan# 888
Delta R.T. 0.08 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

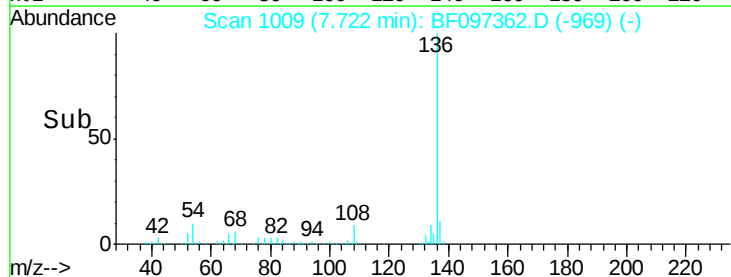
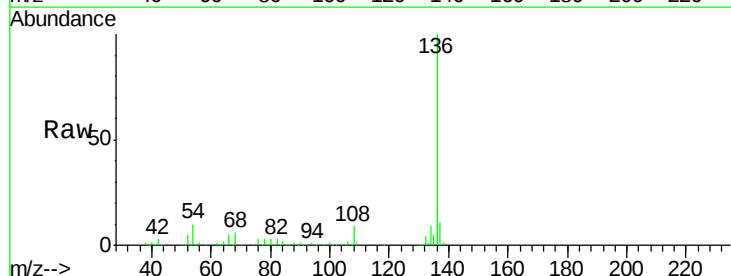
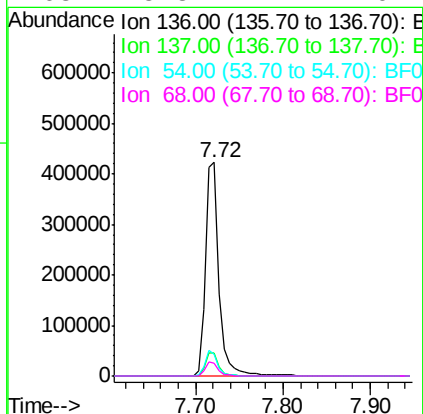
Instrument :
BNA_F
ClientSampled :

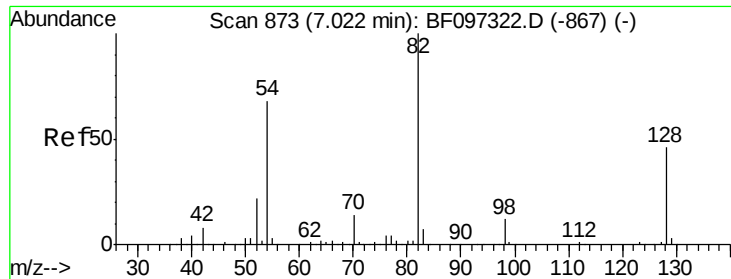
Tot Ion: 70 Resp: 78125
Ion Ratio Lower Upper
70 100
42 63.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Tgt Ion: 136 Resp: 455688
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.3 4.9 7.3#
68 5.8 4.1 6.1

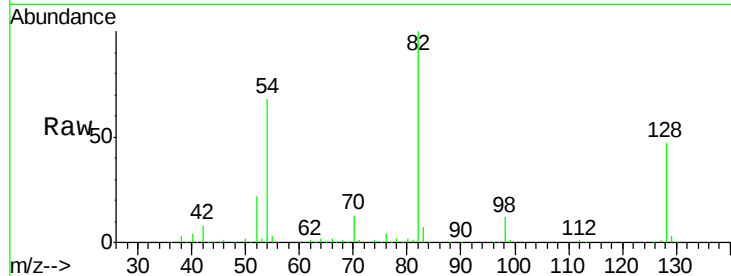




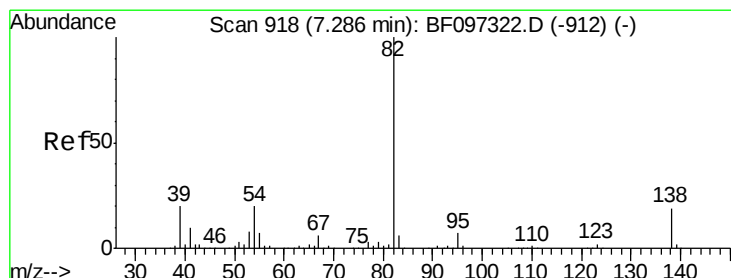
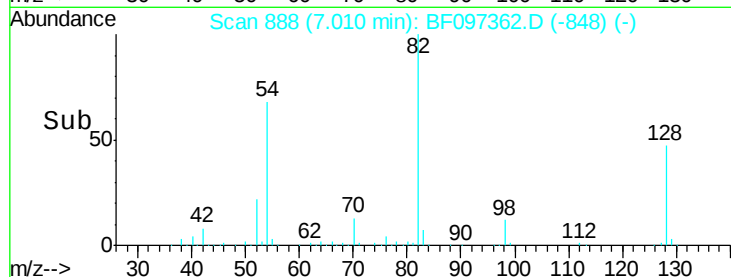
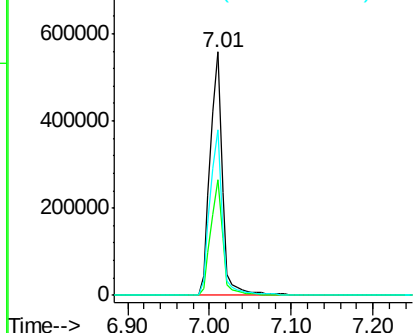
#23
 Nitrobenzene-d5
 Concen: 75.45 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.06 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 586111
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 67.9 42.2 63.2#

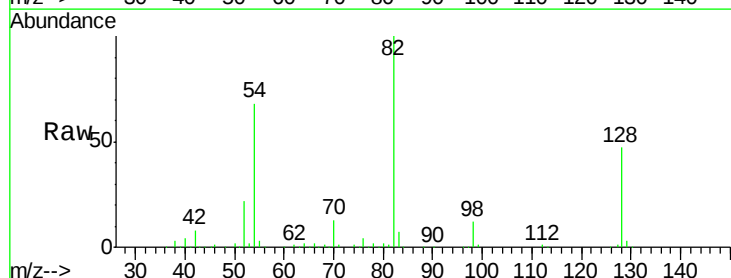


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

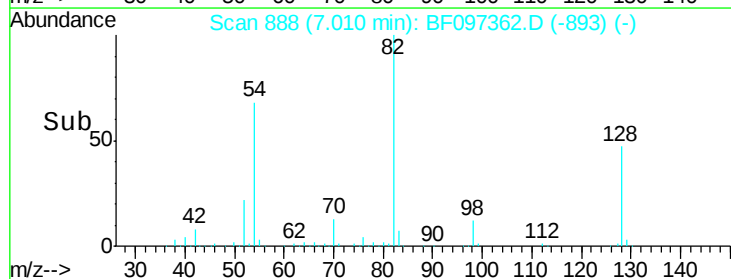
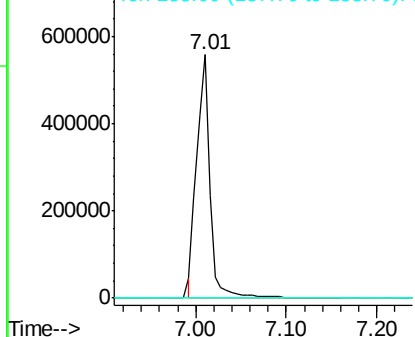


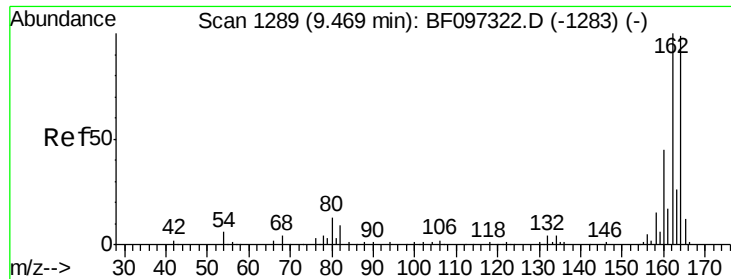
#25
 Isophorone
 Concen: 36.97 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.33 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

Tgt Ion: 82 Resp: 562432
 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

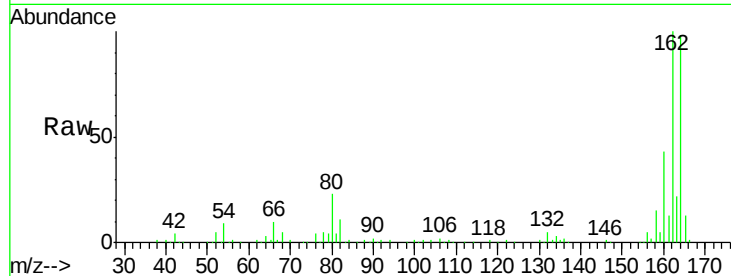




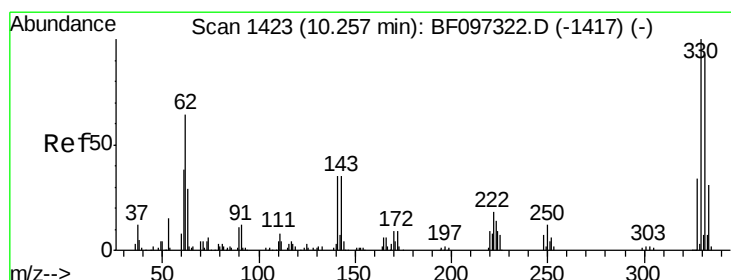
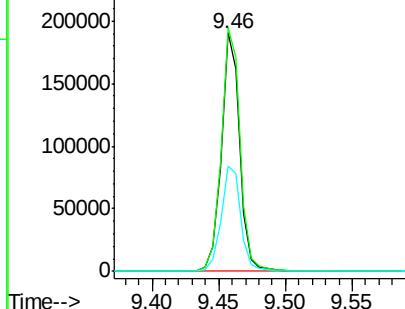
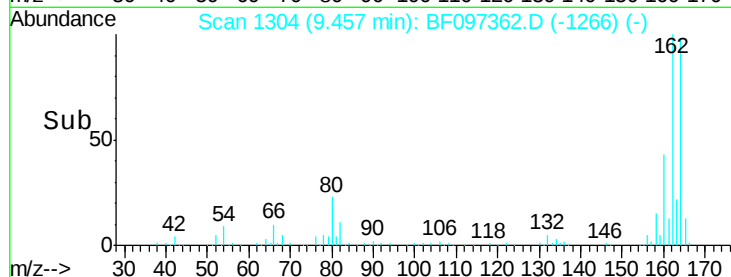
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1304
Delta R.T. -0.08 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 184510
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 44.4 36.2 54.2

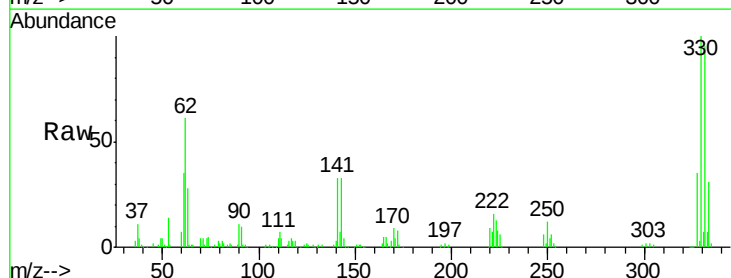


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

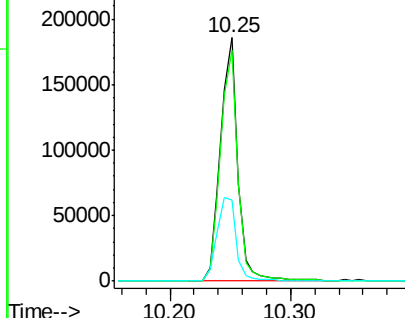
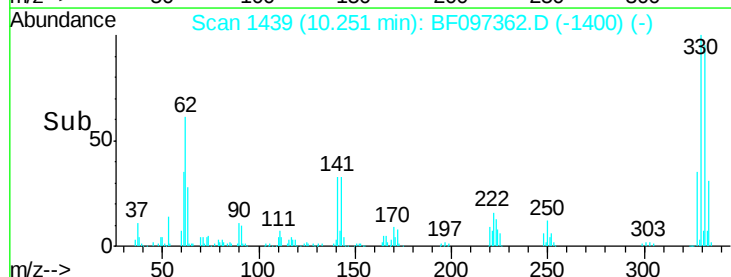


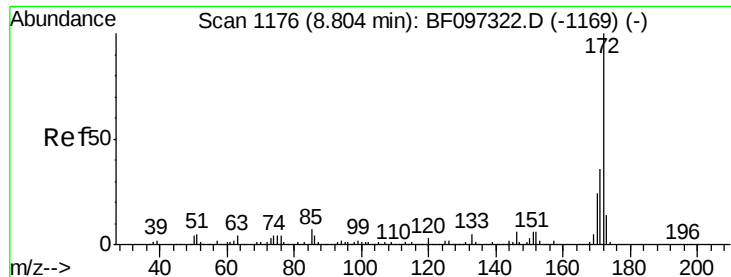
#41
2,4,6-Tribromophenol
Concen: 127.22 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Tgt Ion:330 Resp: 185459
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 38.1 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

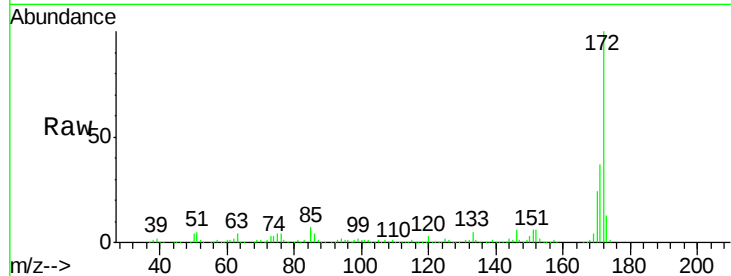




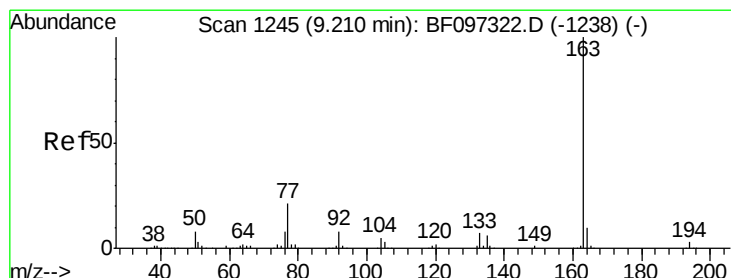
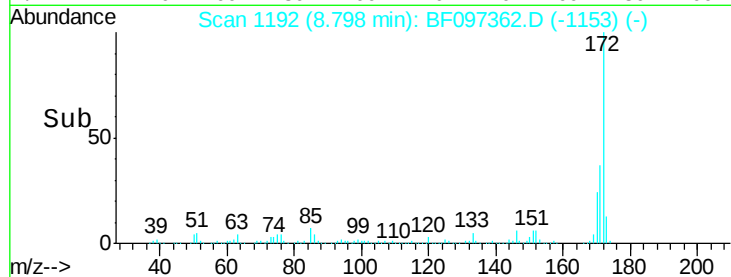
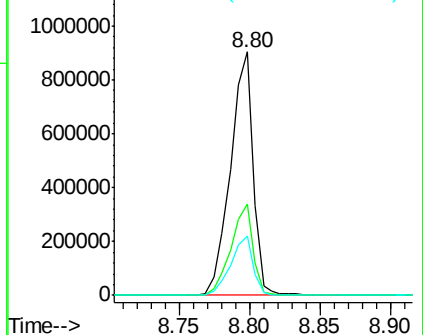
#44
2-Fluorobiphenyl
Concen: 93.04 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1011570
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.5 19.8 29.8

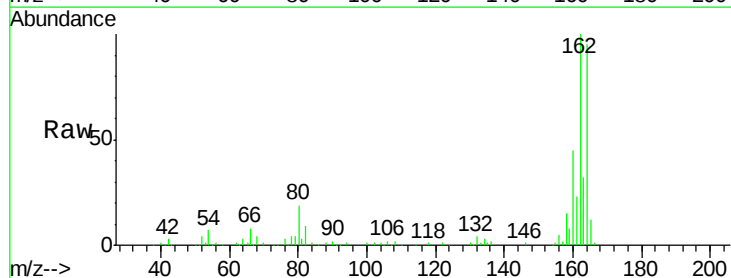


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

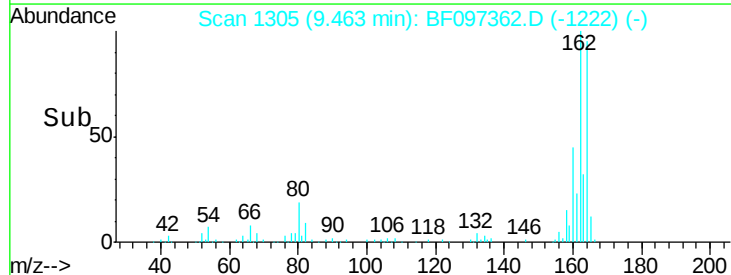
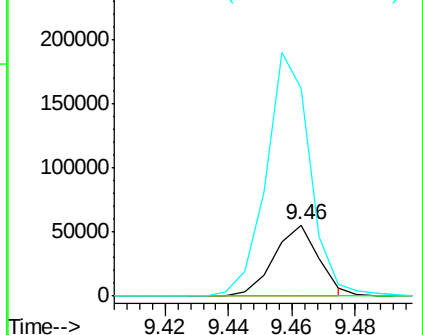


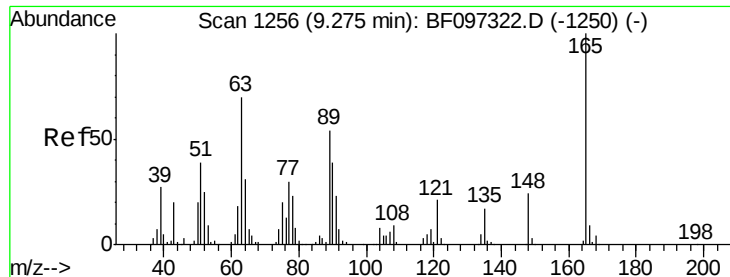
#49
Dimethylphthalate
Concen: 3.90 ng
RT: 9.46 min Scan# 1305
Delta R.T. 0.19 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Tgt Ion:163 Resp: 54697
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 292.9 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

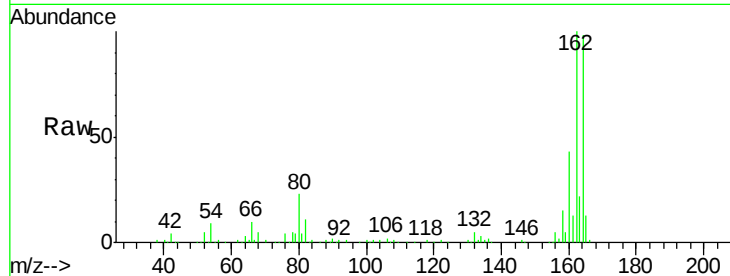




#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.46 min Scan# 1304
 Delta R.T. 0.12 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

Instrument :
 BNA_F
 ClientSampleId :

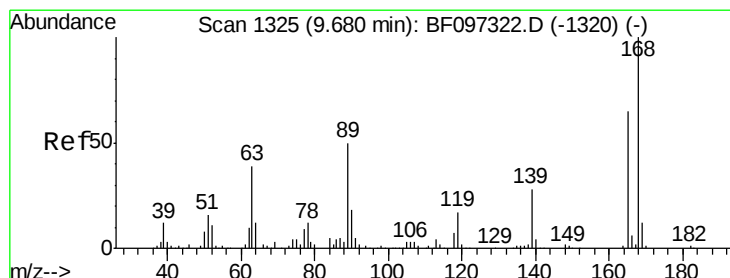
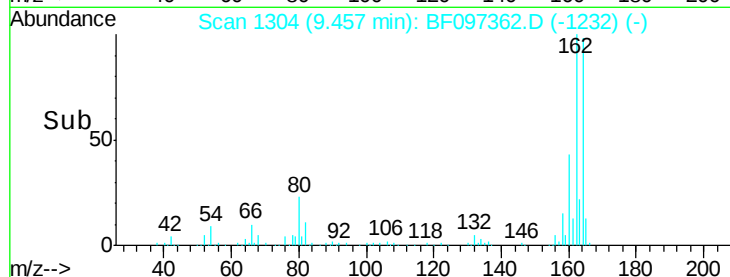
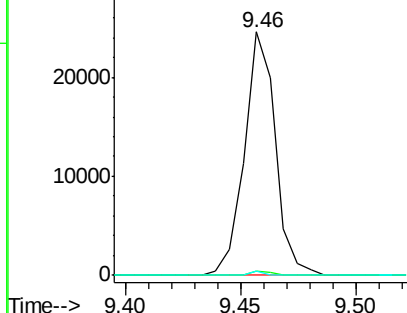
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	2.0	37.1	55.7#



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: 6.74 ng
 RT: 9.46 min Scan# 1304
 Delta R.T. -0.28 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

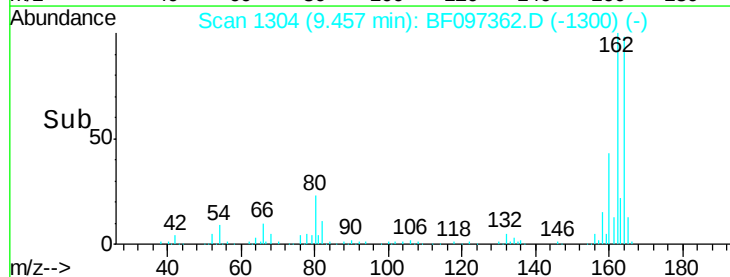
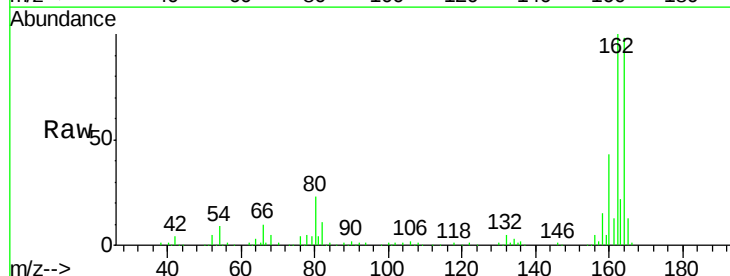
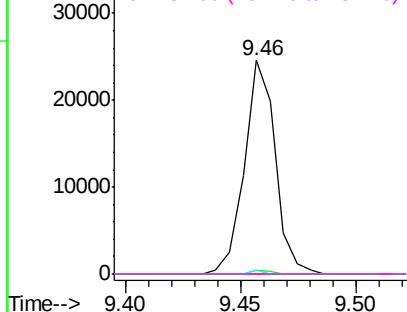
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

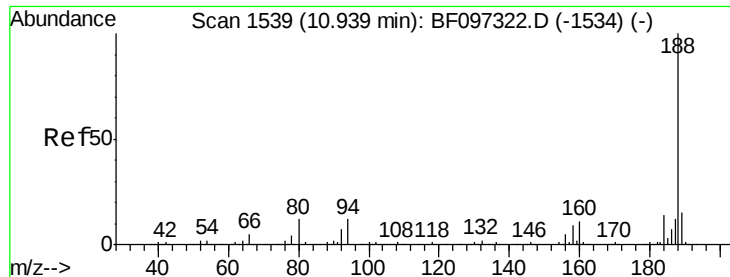
Abundance Ion 165.00 (164.70 to 165.70): E

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

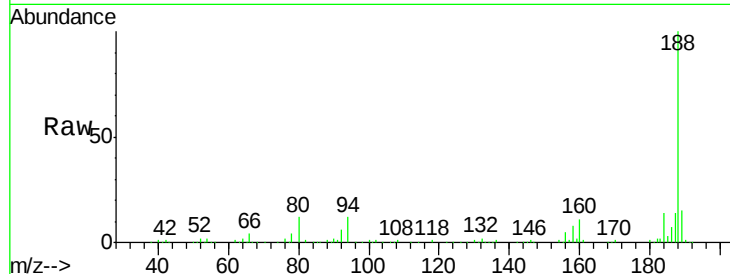




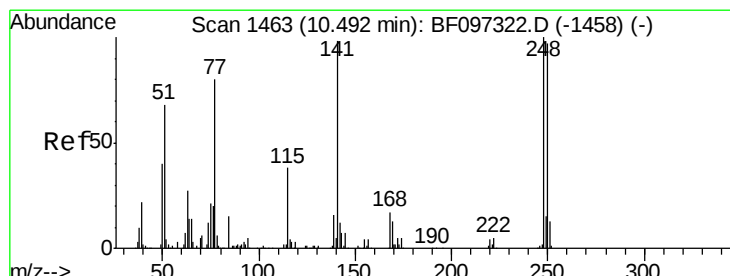
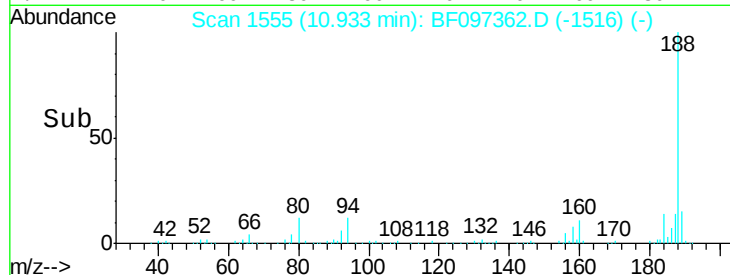
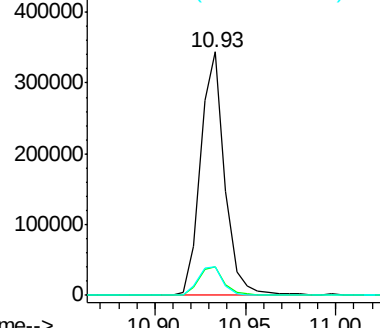
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 318533
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 11.6 10.2 15.2

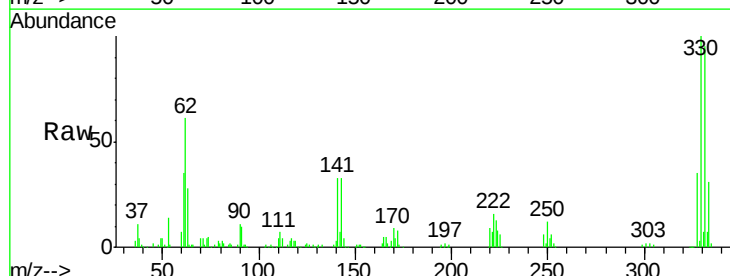


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

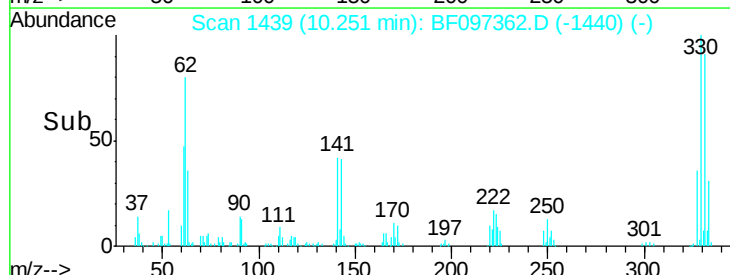
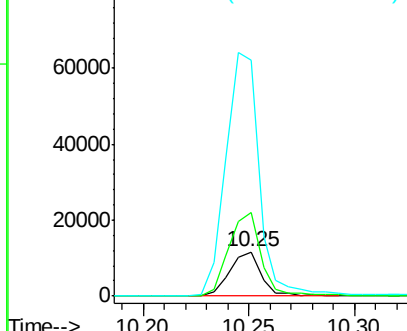


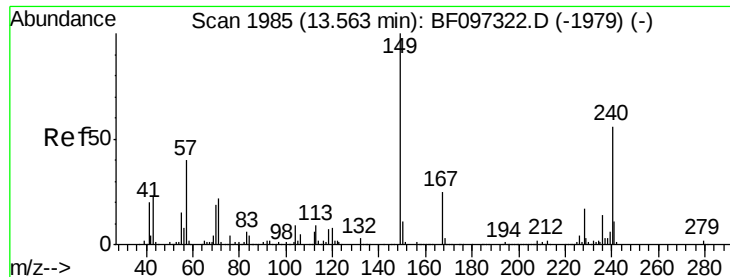
#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.31 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Tgt Ion:248 Resp: 11898
Ion Ratio Lower Upper
248 100
250 187.5 76.8 115.2#
141 533.8 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: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097362.D

Acq: 4 Aug 2017 18:14

Instrument :

BNA_F

ClientSampleId :

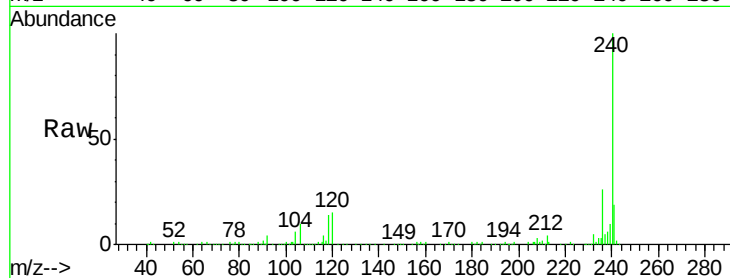
Tot Ion:240 Resp: 262882

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

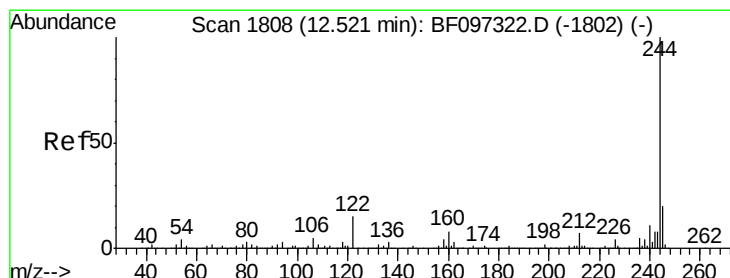
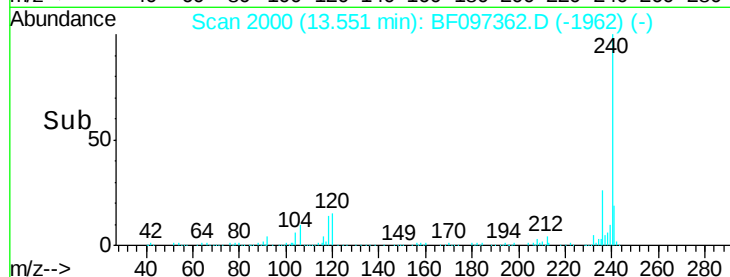
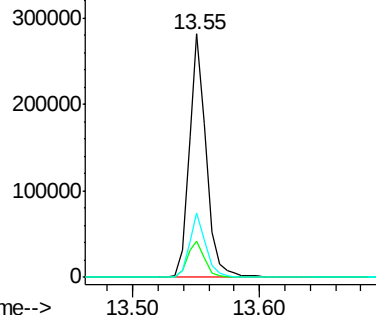
236 26.4 20.5 30.7



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: 63.29 ng

RT: 12.52 min Scan# 1824

Delta R.T. -0.07 min

Lab File: BF097362.D

Acq: 4 Aug 2017 18:14

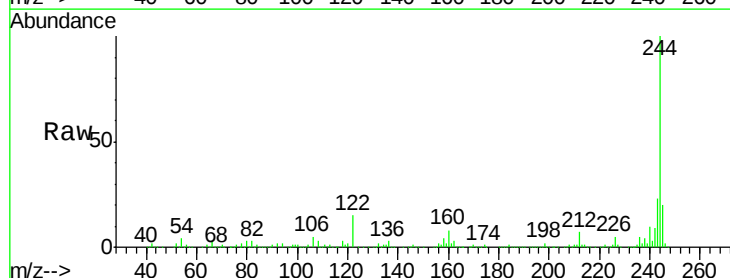
Tgt Ion:244 Resp: 816071

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

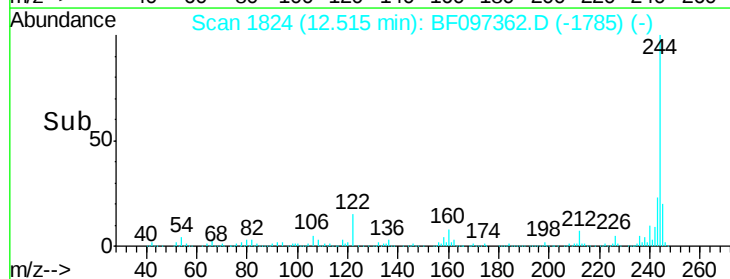
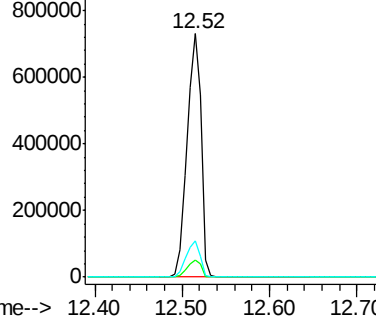
122 14.9 10.3 15.5

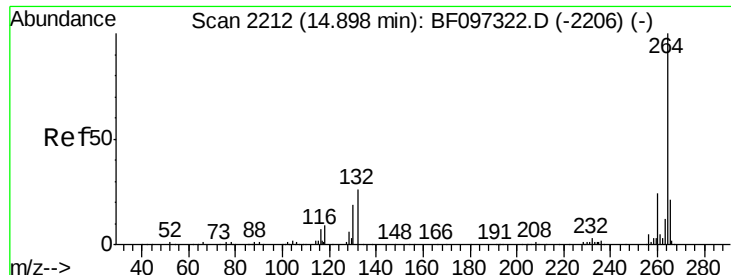


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

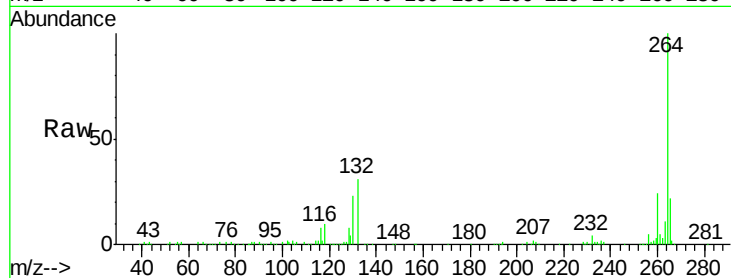




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 187252
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.8 17.2 25.8



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

