

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097460.D
 Acq On : 8 Aug 2017 6:28
 Operator : SJ/JU
 Sample : I4627-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

Quant Time: Aug 08 07:55:24 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

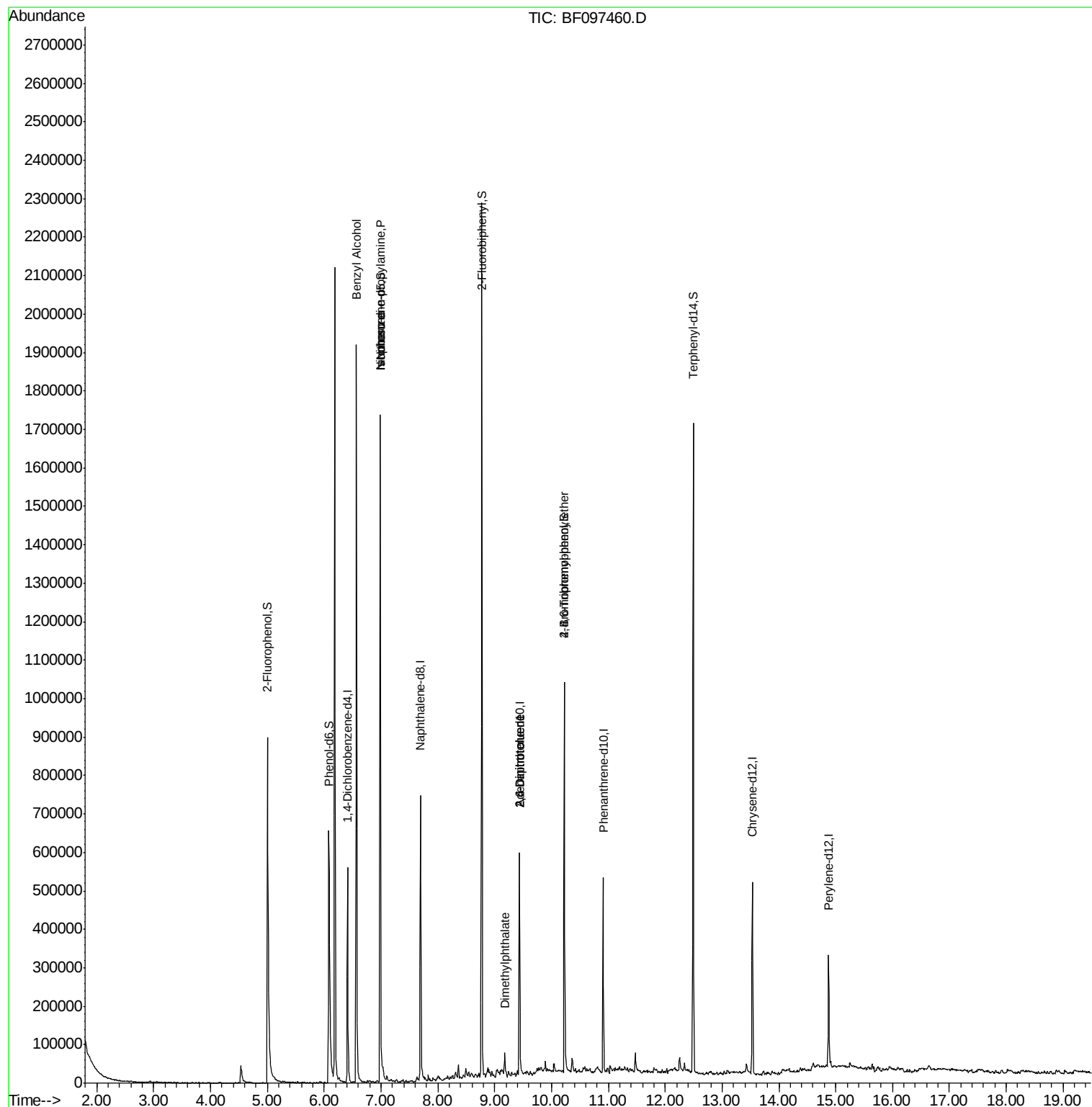
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	85010	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	331796	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	113532	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	164361	20.00	ng	0.00
75) Chrysene-d12	13.53	240	160529	20.00	ng	0.00
86) Perylene-d12	14.87	264	109915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	368222	65.30	ng	0.00
7) Phenol-d6	6.08	99	316957	49.23	ng	0.00
23) Nitrobenzene-d5	6.99	82	568903	100.59	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	124791	139.12	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	735615	109.96	ng	0.00
78) Terphenyl-d14	12.49	244	546363	69.39	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.56	79	9476	2.32	ng	# 42
19) n-Nitroso-di-n-propylamine	6.99	70	77126	18.20	ng	# 87
25) Isophorone	6.99	82	568898	51.36	ng	# 67
49) Dimethylphthalate	9.17	163	20478	2.38	ng	# 95
50) 2,6-Dinitrotoluene	9.43	165	14128	7.73	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	14128	6.72	ng	# 32
66) 4-Bromophenyl-phenylether	10.23	248	7396	4.51	ng	# 1

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

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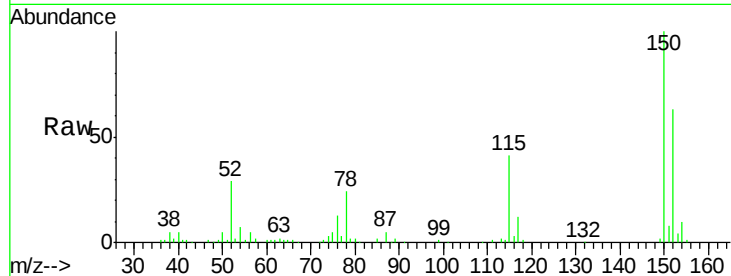


#1

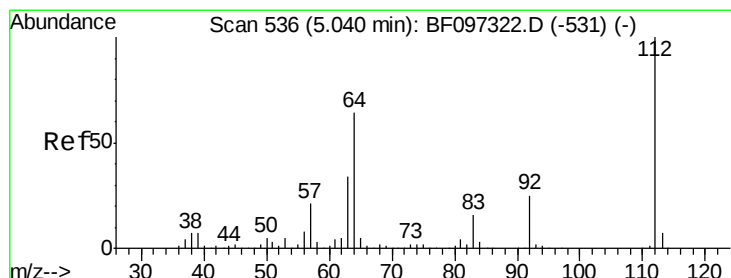
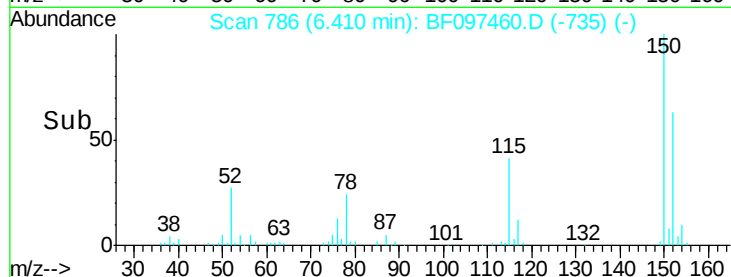
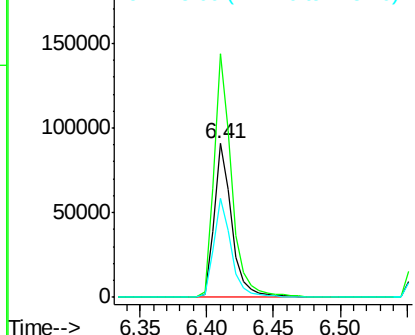
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

Instrument :
BNA_F
ClientSampled :
RW-3

Tot Ion:152 Resp: 85010
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 64.4 52.2 78.2



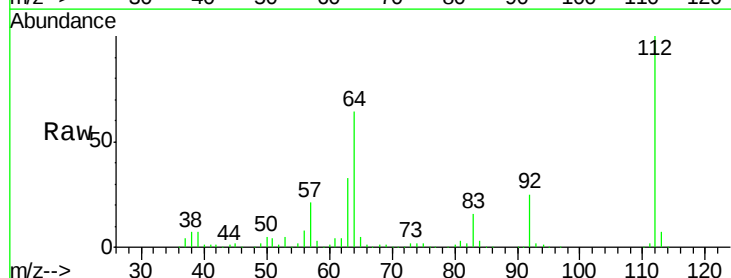
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



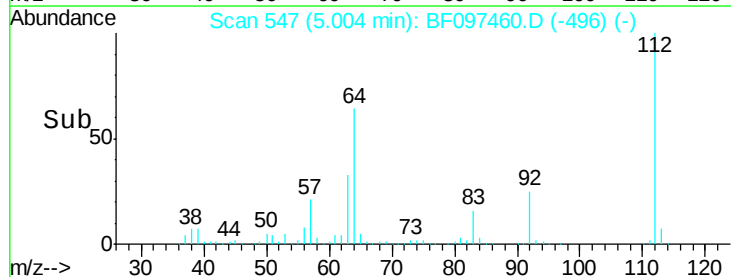
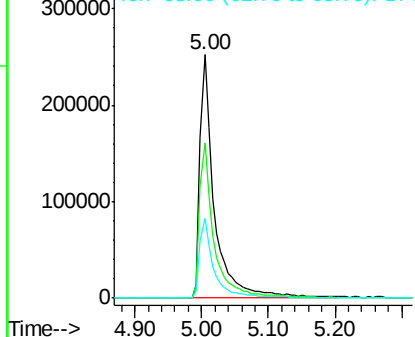
#5

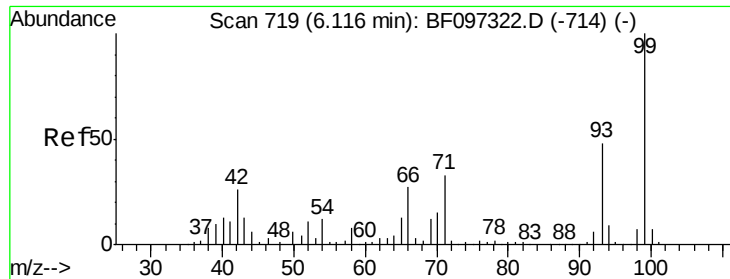
2-Fluorophenol
Concen: 65.30 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

Tgt Ion:112 Resp: 368222
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 32.5 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: 49.23 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097460.D

Acq: 8 Aug 2017 6:28

Instrument :

BNA_F

ClientSampled :

RW-3

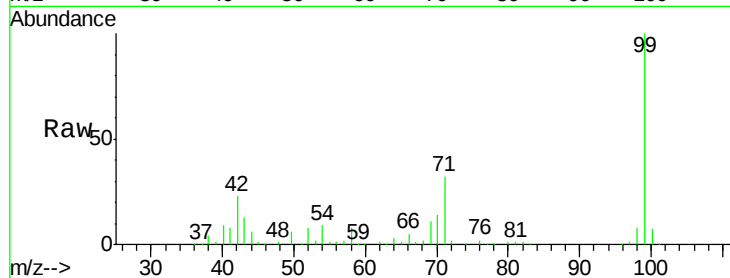
Tot Ion: 99 Resp: 316957

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

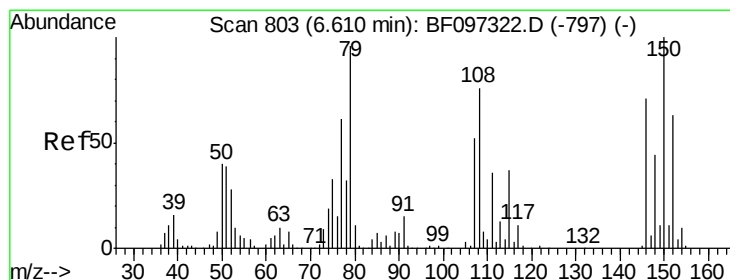
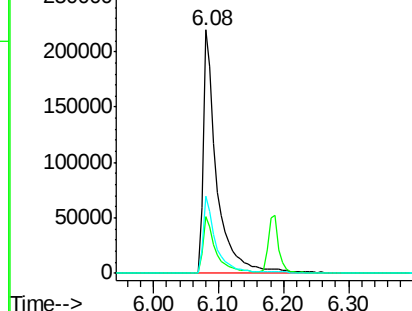
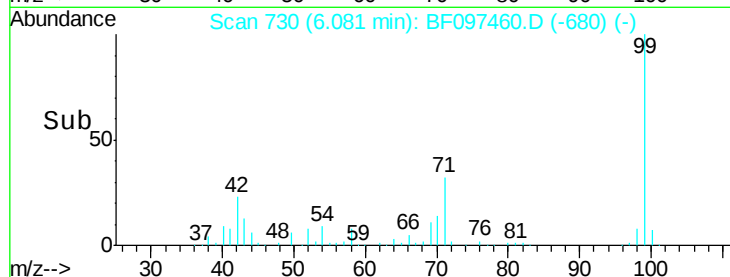
71 31.8 24.5 36.7



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: 2.32 ng

RT: 6.56 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF097460.D

Acq: 8 Aug 2017 6:28

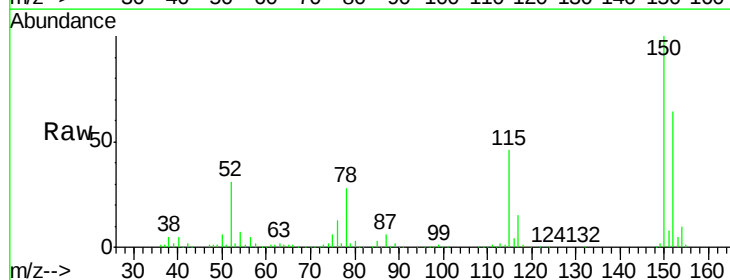
Tgt Ion: 79 Resp: 9476

Ion Ratio Lower Upper

79 100

108 21.4 63.4 95.0#

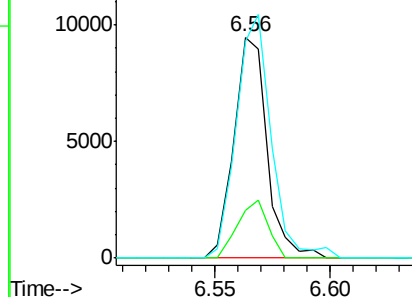
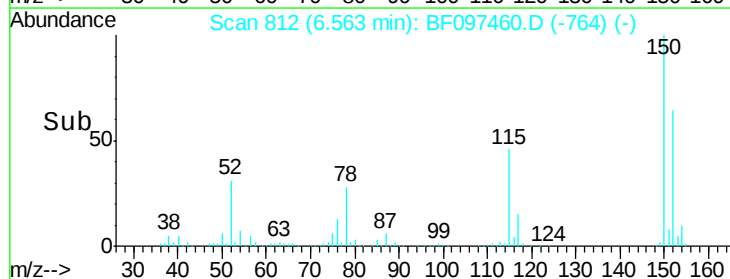
77 98.0 49.2 73.8#

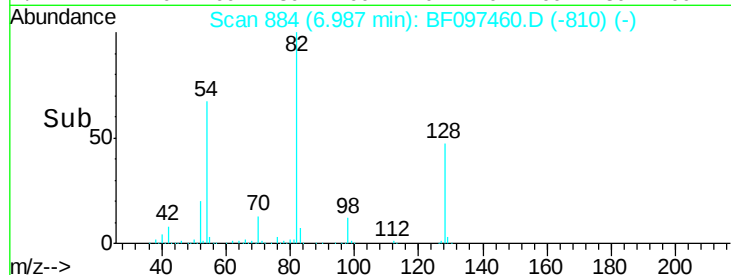
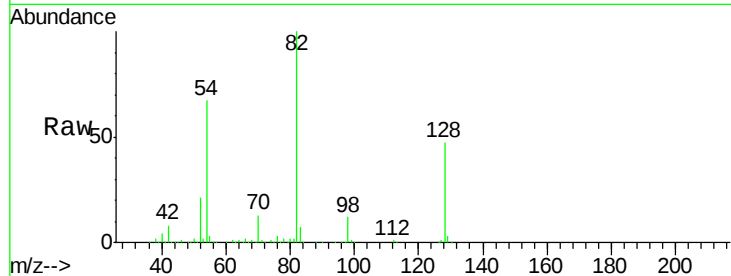
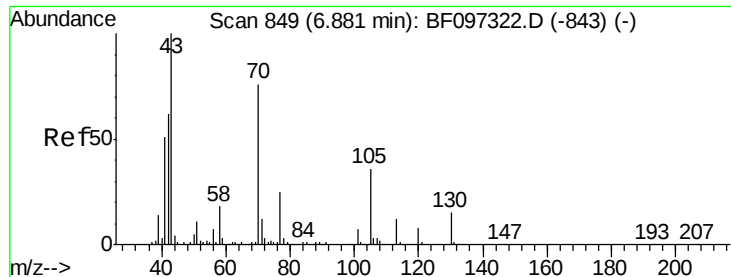


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

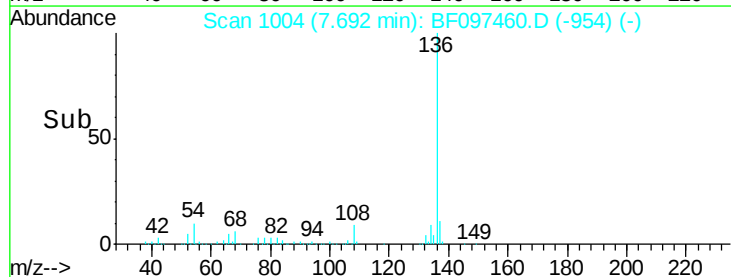
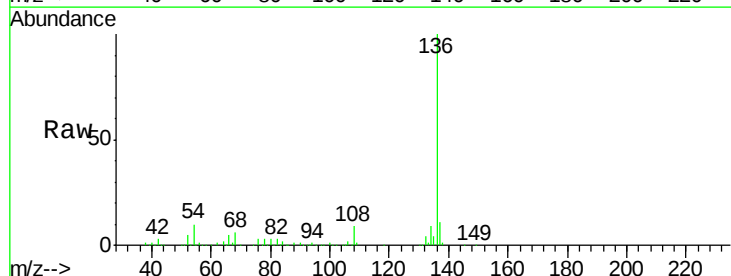
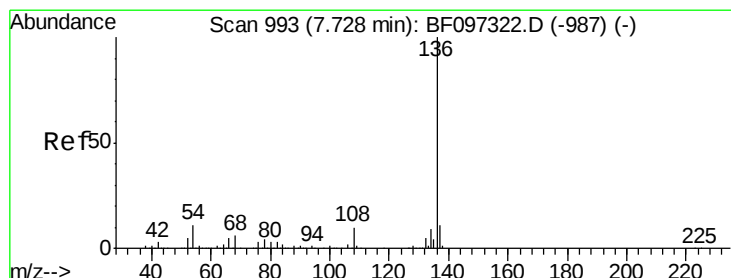
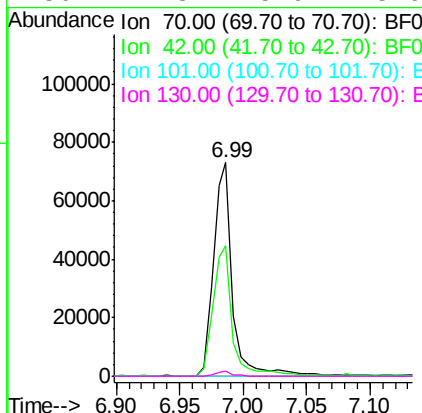




#19
n-Nitroso-di-n-propylamine
Concen: 18.20 ng
RT: 6.99 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

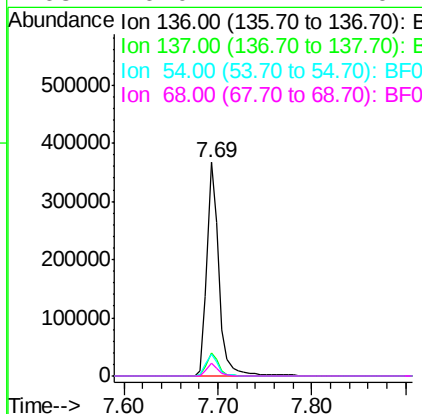
Instrument :
BNA_F
ClientSampleId :
RW-3

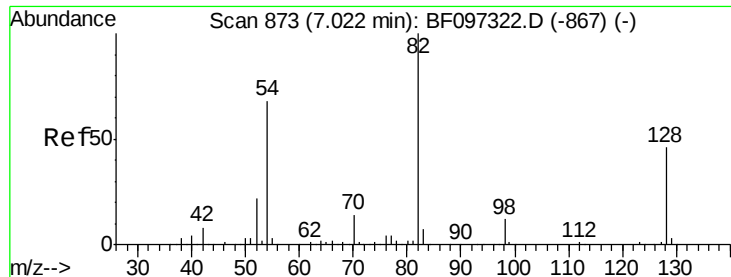
Tot Ion: 70 Resp: 77126
Ion Ratio Lower Upper
70 100
42 61.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

Tgt Ion: 136 Resp: 331796
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.2 4.9 7.3#
68 6.0 4.1 6.1

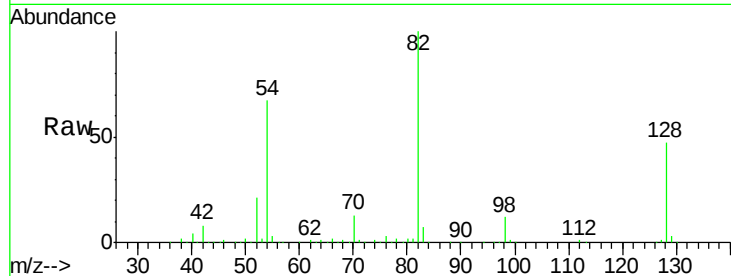




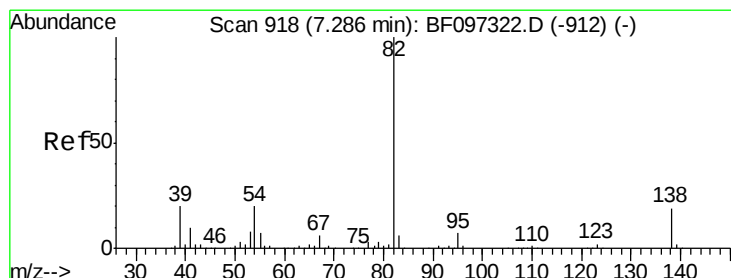
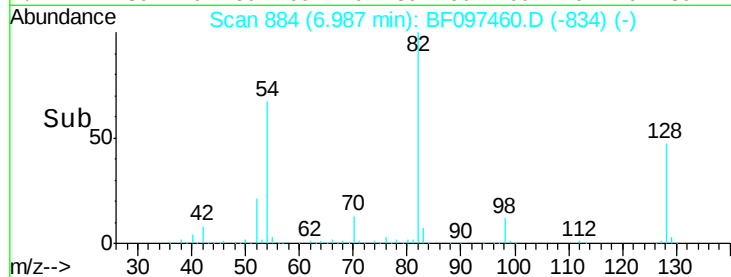
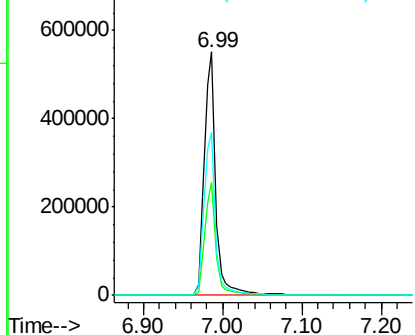
#23
 Nitrobenzene-d5
 Concen: 100.59 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097460.D
 Acq: 8 Aug 2017 6:28

Instrument :
 BNA_F
 ClientSampled :
 RW-3

Tot Ion: 82 Resp: 568903
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 66.9 42.2 63.2#

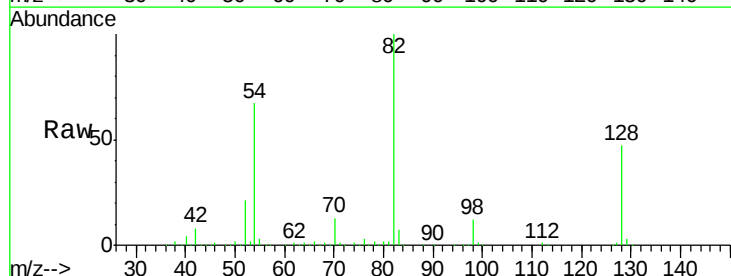


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

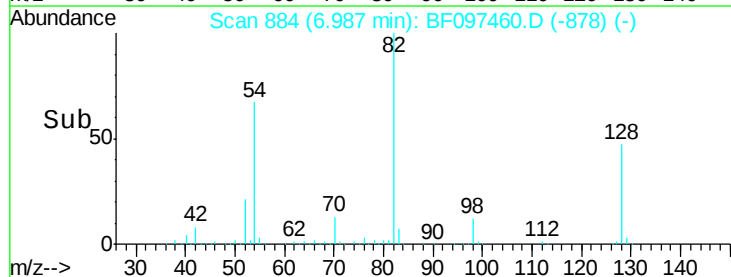
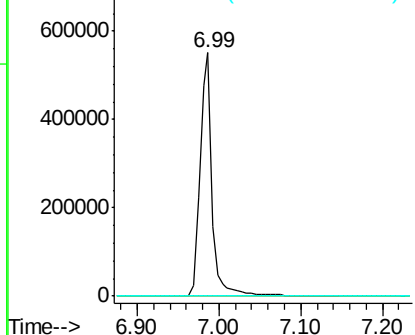


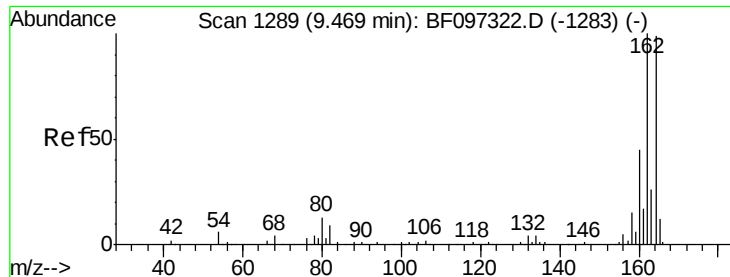
#25
 Isophorone
 Concen: 51.36 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF097460.D
 Acq: 8 Aug 2017 6:28

Tgt Ion: 82 Resp: 568898
 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: BF097460.D

Acq: 8 Aug 2017 6:28

Instrument :

BNA_F

ClientSampleId :

RW-3

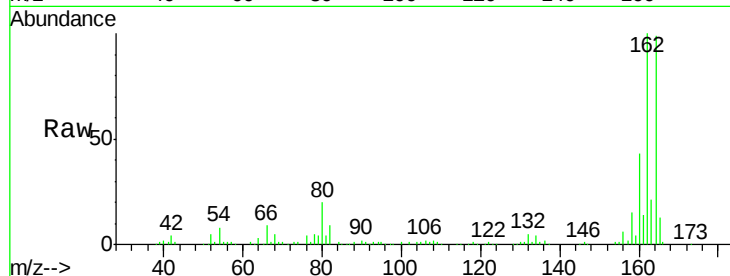
Tot Ion:164 Resp: 113532

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

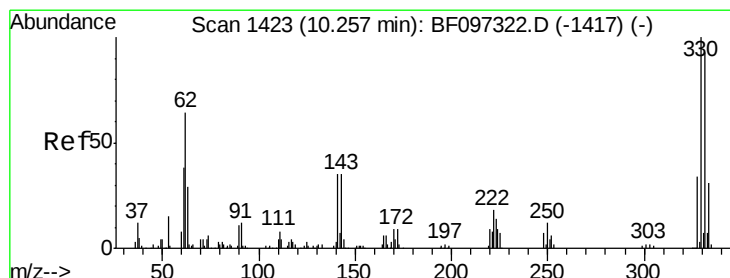
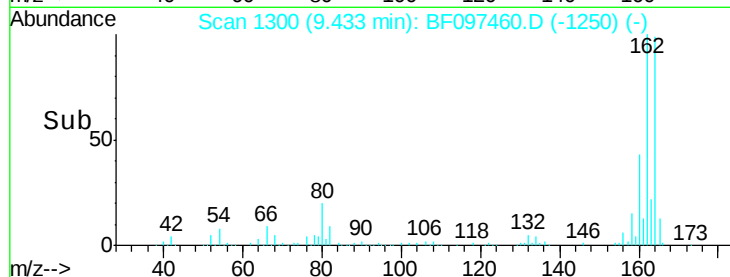
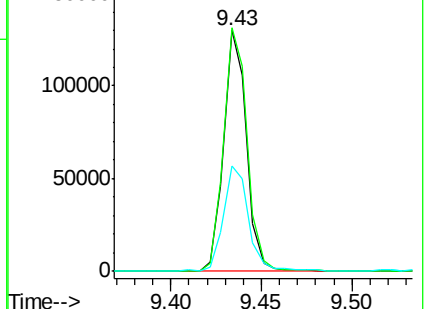
160 43.8 36.2 54.2



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: 139.12 ng

RT: 10.23 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF097460.D

Acq: 8 Aug 2017 6:28

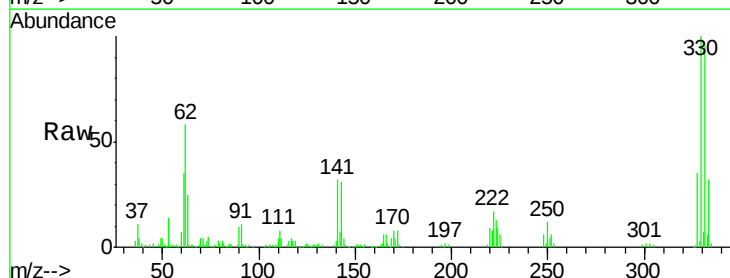
Tgt Ion:330 Resp: 124791

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

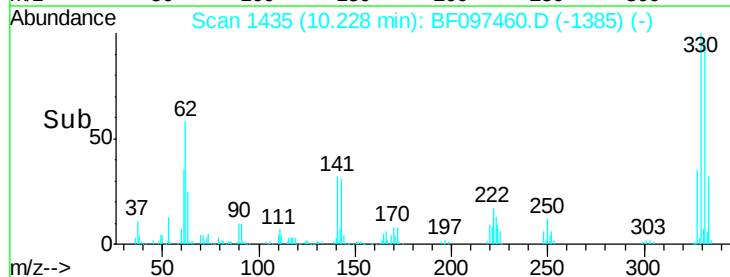
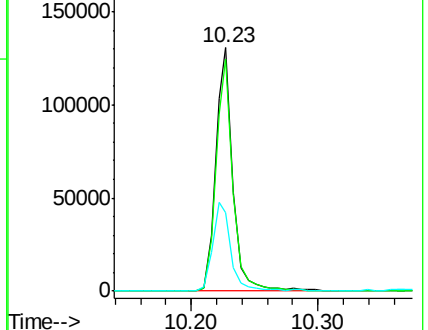
141 38.9 31.4 47.2

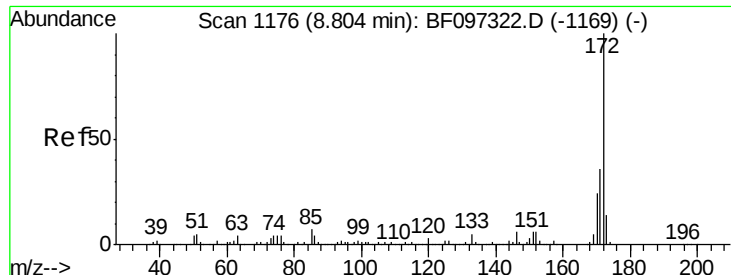


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

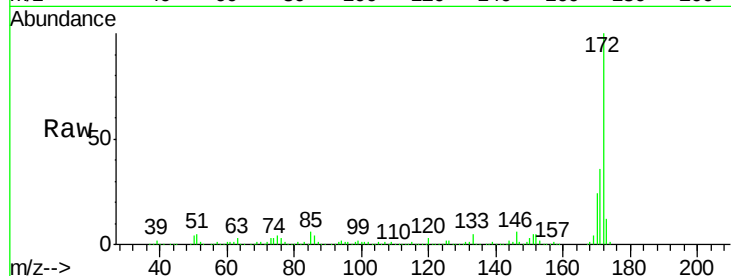




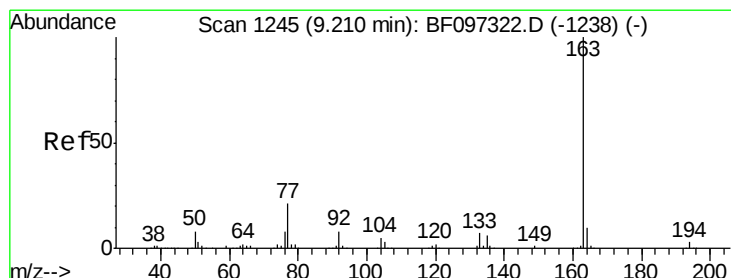
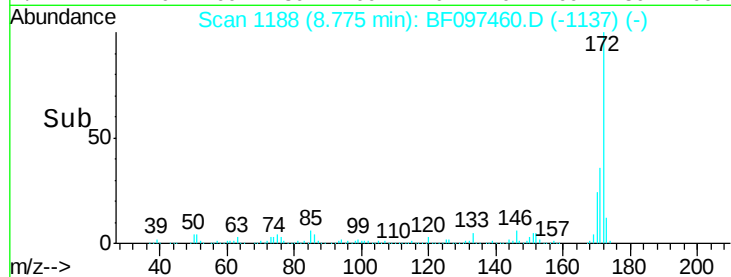
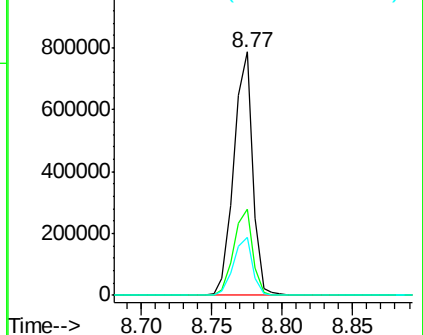
#44
2-Fluorobiphenyl
Concen: 109.96 ng
RT: 8.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

Instrument :
BNA_F
ClientSampled :
RW-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.8	19.8	29.8

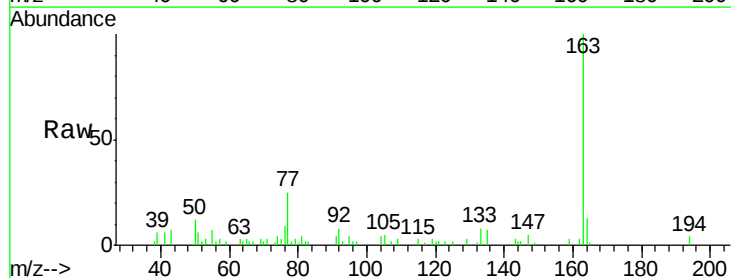


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

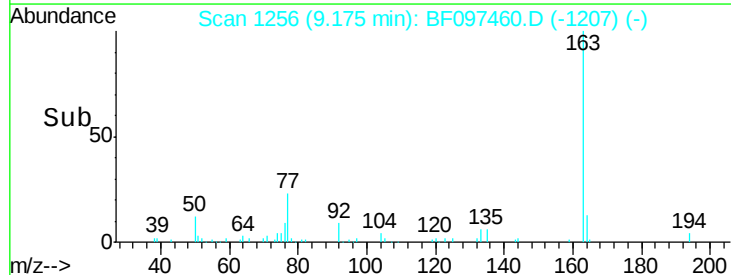
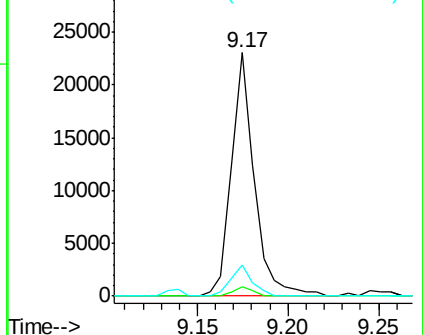


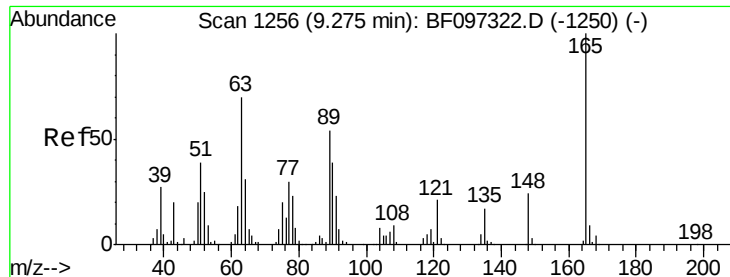
#49
Dimethylphthalate
Concen: 2.38 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	12.7	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

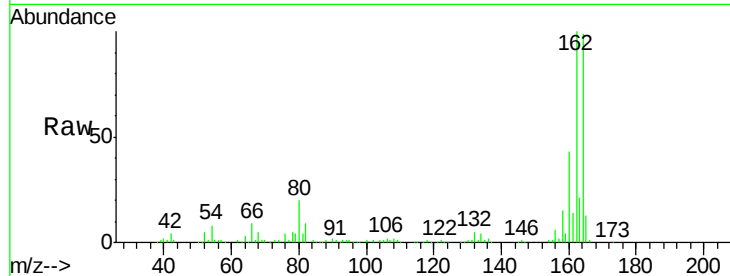




#50
 2,6-Dinitrotoluene
 Concen: 7.73 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. 0.18 min
 Lab File: BF097460.D
 Acq: 8 Aug 2017 6:28

Instrument :
 BNA_F
 ClientSampleId :
 RW-3

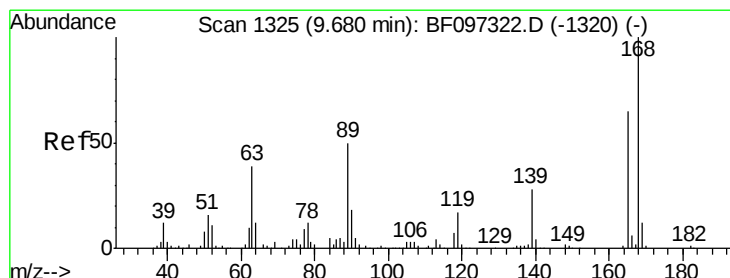
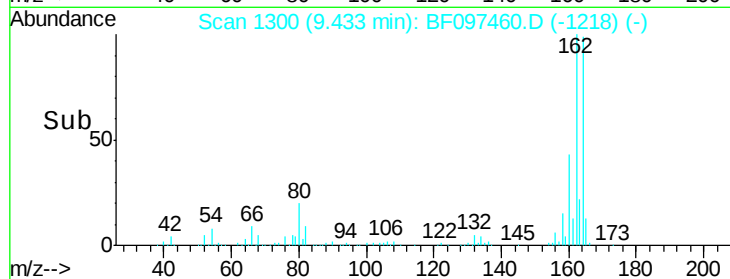
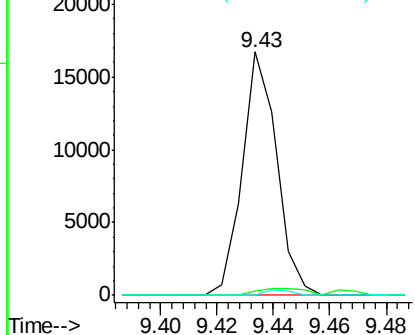
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	0.0	37.1	55.7#



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: 6.72 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097460.D
 Acq: 8 Aug 2017 6:28

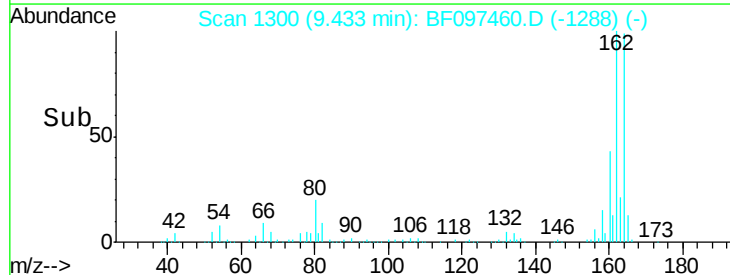
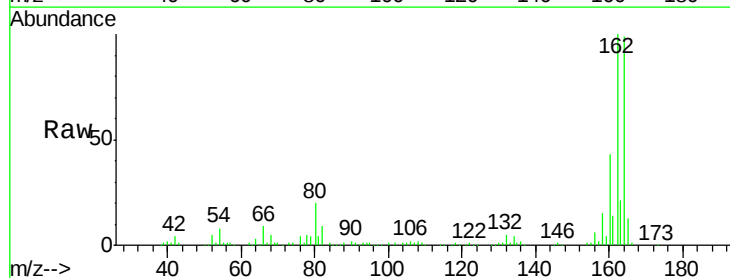
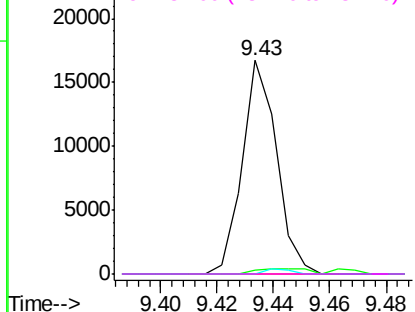
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

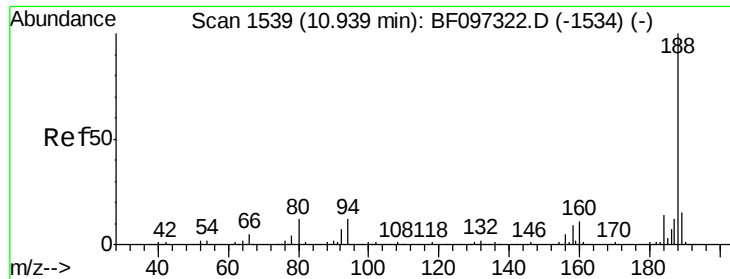
Abundance Ion 165.00 (164.70 to 165.70): E

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

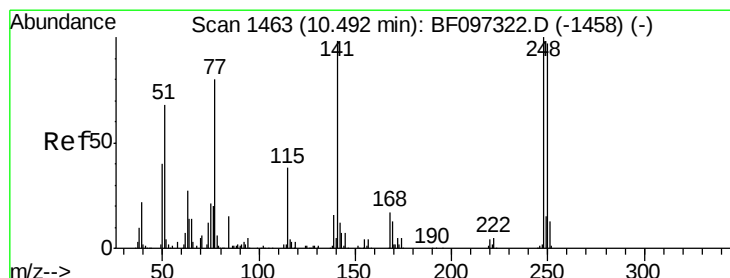
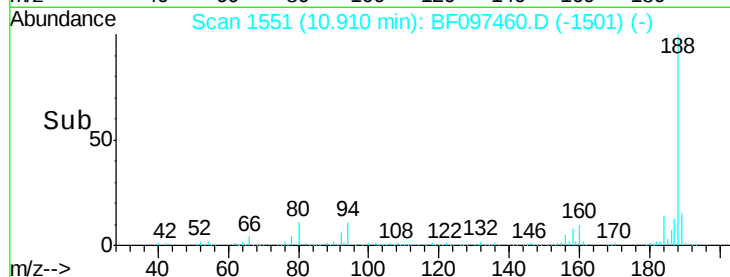
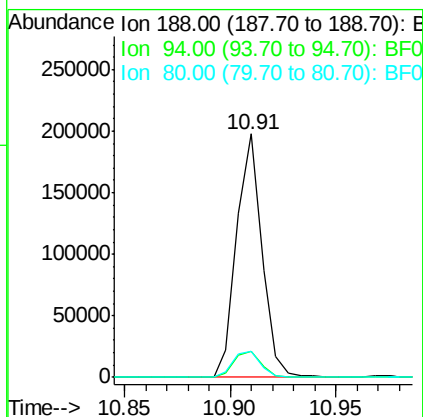
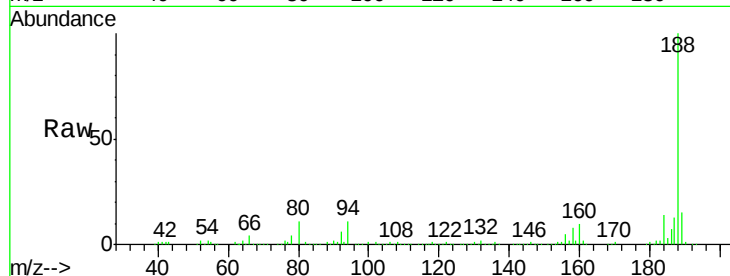




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

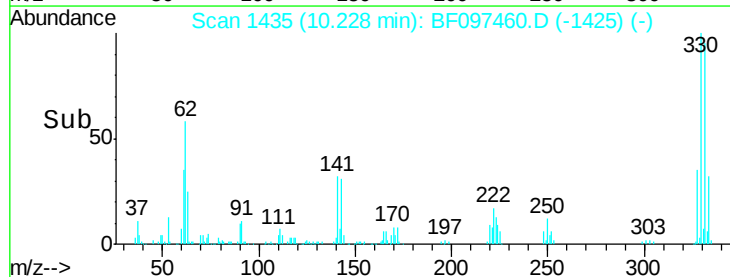
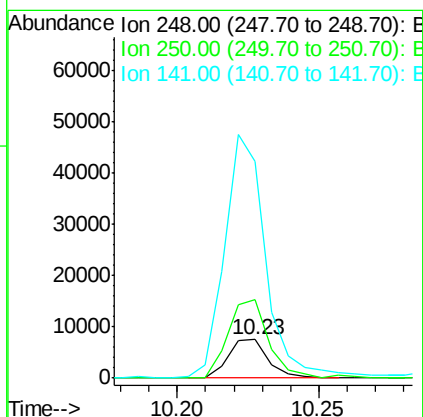
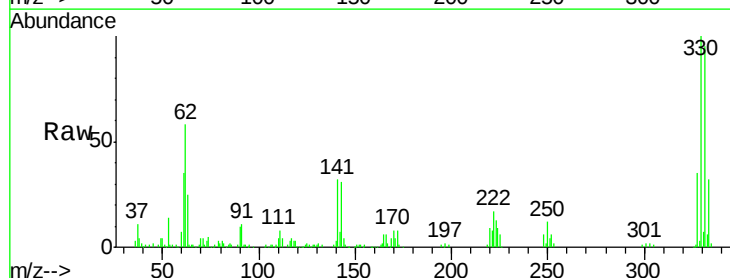
Instrument :
BNA_F
ClientSampled :
RW-3

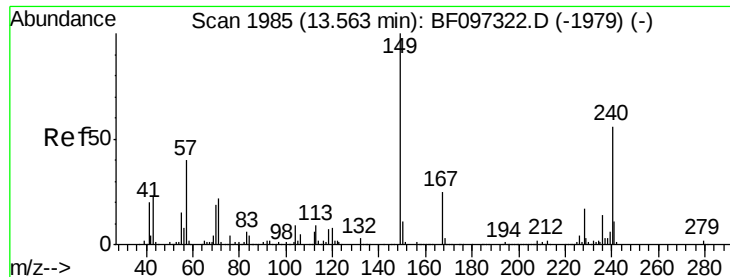
Tot Ion:188 Resp: 164361
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.8 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

Tgt Ion:248 Resp: 7396
Ion Ratio Lower Upper
248 100
250 203.8 76.8 115.2#
141 560.5 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: BF097460.D

Acq: 8 Aug 2017 6:28

Instrument :

BNA_F

ClientSampleId :

RW-3

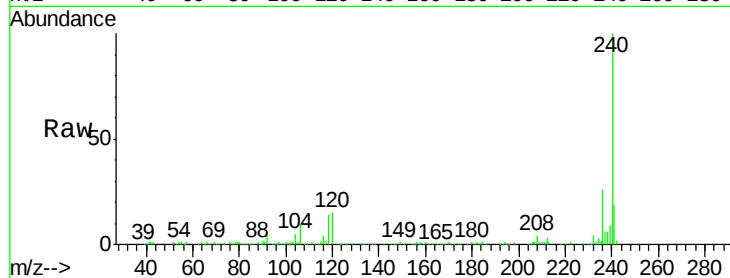
Tot Ion:240 Resp: 160529

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

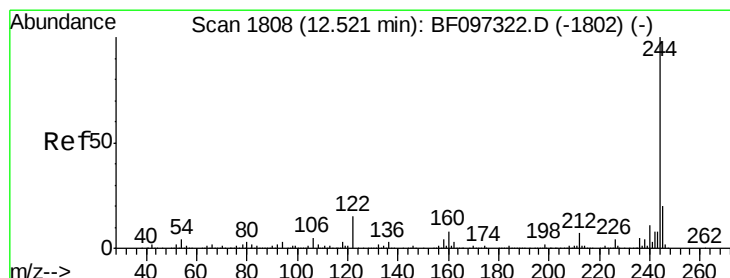
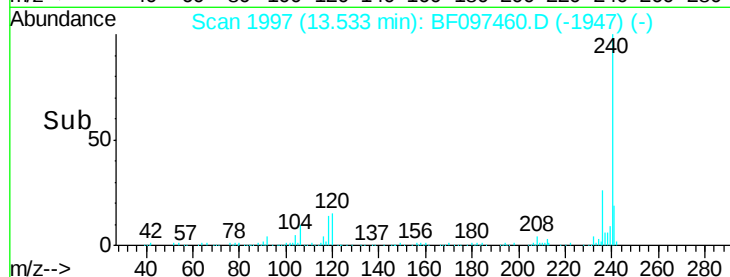
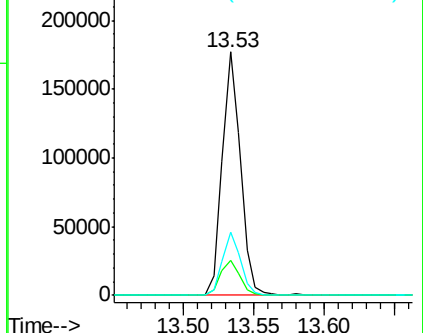
236 25.7 20.5 30.7



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: 69.39 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097460.D

Acq: 8 Aug 2017 6:28

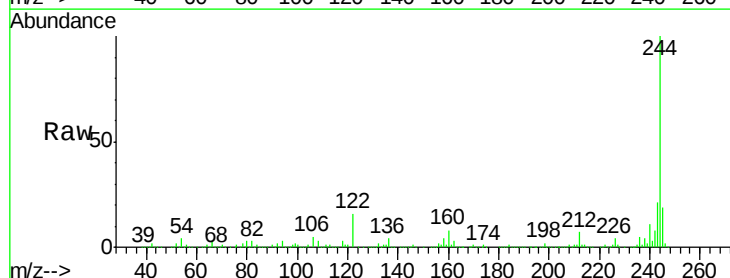
Tgt Ion:244 Resp: 546363

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

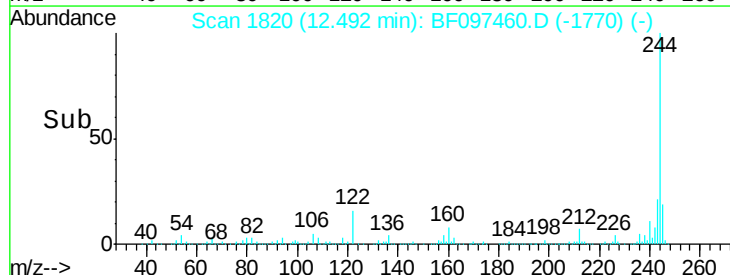
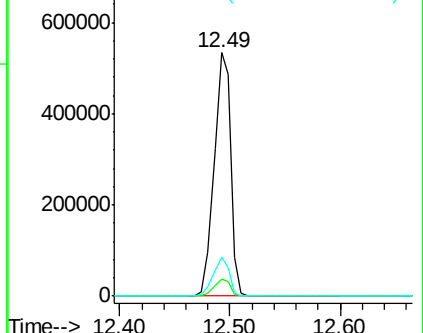
122 16.2 10.3 15.5#

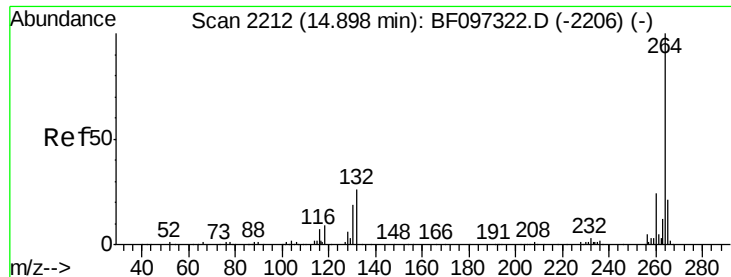


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

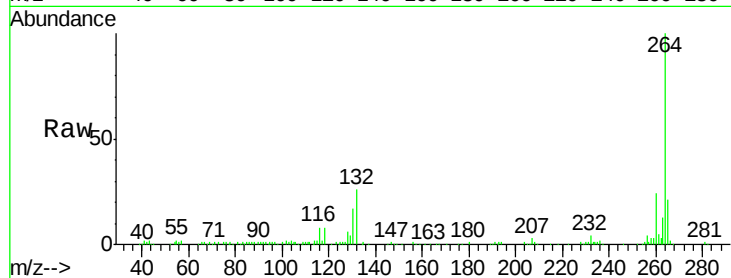




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097460.D
Acq: 8 Aug 2017 6:28

Instrument :
BNA_F
ClientSampleId :
RW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	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

