

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097866.D
 Acq On : 19 Aug 2017 7:27
 Operator : SJ/JU
 Sample : I4820-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-K7-BASE

Quant Time: Aug 21 00:52:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

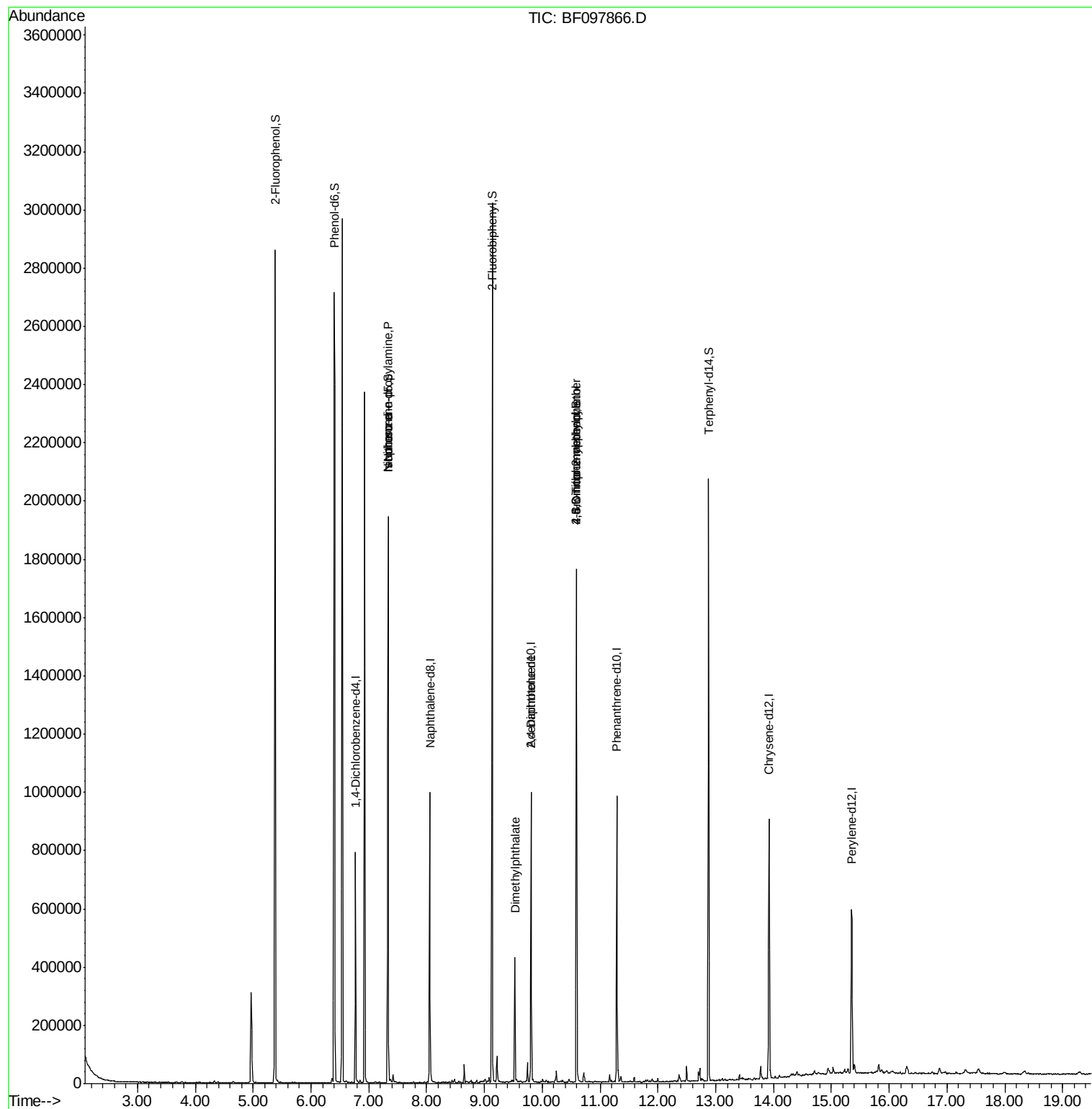
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105697	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	426436	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	189597	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	347258	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	290289	20.00	ng	-0.02
86) Perylene-d12	15.35	264	255657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	815258	117.32	ng	0.00
7) Phenol-d6	6.40	99	1113214	117.91	ng	0.00
23) Nitrobenzene-d5	7.33	82	706014	89.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	190679	115.91	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	884473	68.54	ng	-0.01
78) Terphenyl-d14	12.87	244	644918	46.33	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	95468	14.77	ng	# 74
25) Isophorone	7.33	82	700886	42.94	ng	# 67
49) Dimethylphthalate	9.53	163	152538	11.01	ng	98
56) 2,4-Dinitrotoluene	9.80	165	23512	6.77	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.59	198	267	8.46	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	12931	3.59	ng	# 1

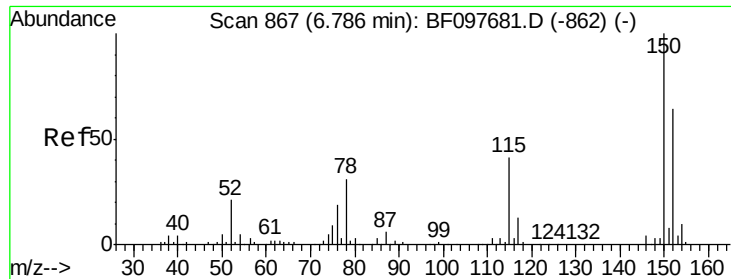
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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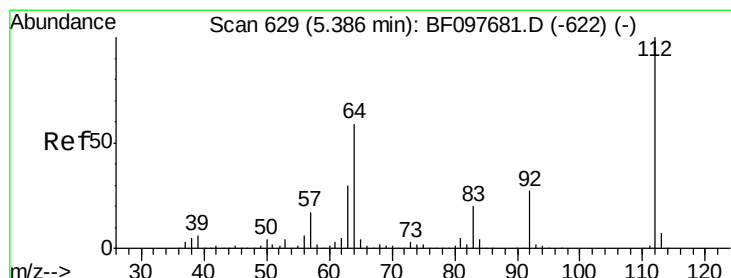
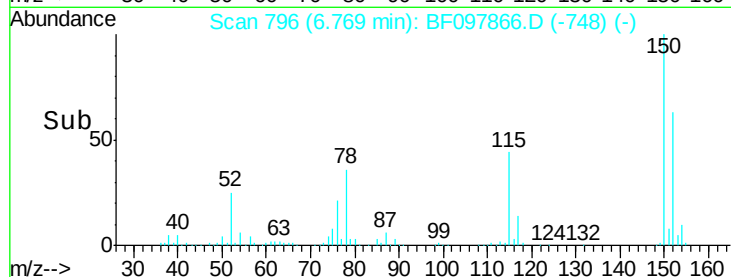
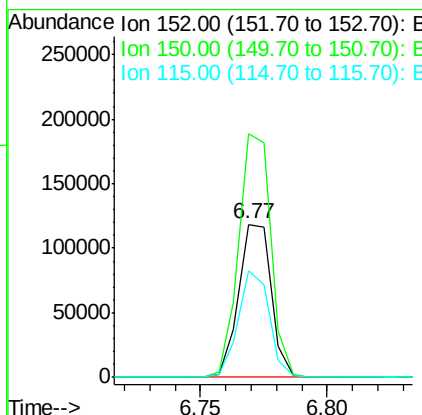
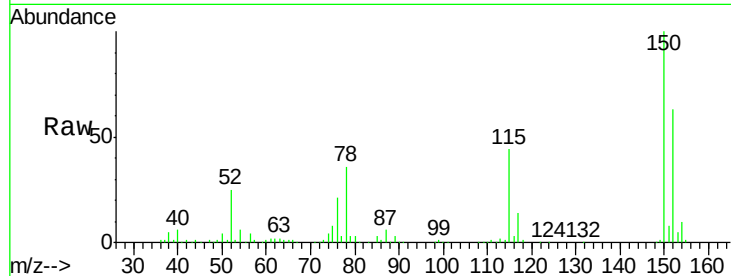


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097866.D
Acq: 19 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-K7-BASE

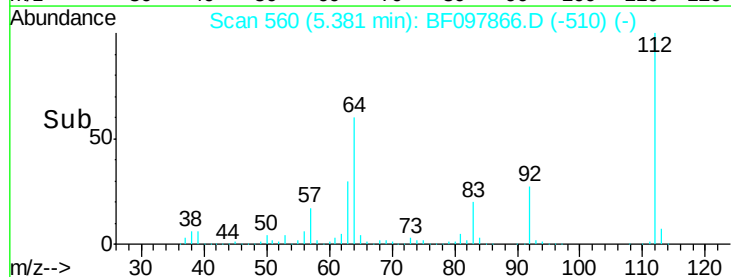
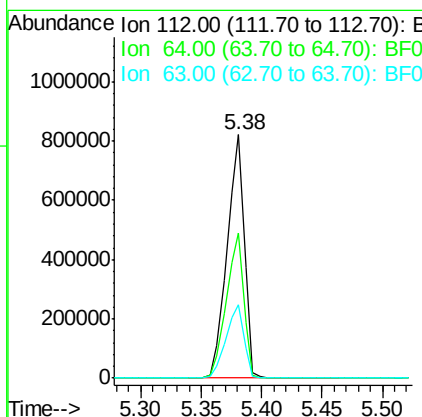
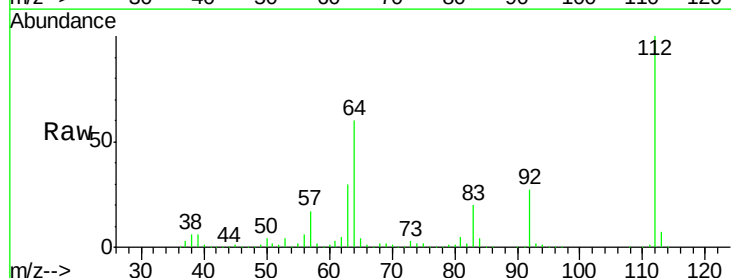
Tot Ion:152 Resp: 105697
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 70.1 52.2 78.2

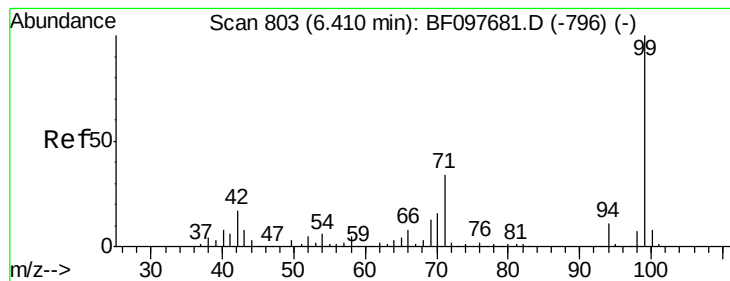


#5

2-Fluorophenol
Concen: 117.32 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097866.D
Acq: 19 Aug 2017 7:27

Tgt Ion:112 Resp: 815258
Ion Ratio Lower Upper
112 100
64 59.7 46.0 69.0
63 30.2 23.4 35.0





#7

Phenol-d6

Concen: 117.91 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097866.D

Acq: 19 Aug 2017 7:27

Instrument :

BNA_F

ClientSampleId :

E2-K7-BASE

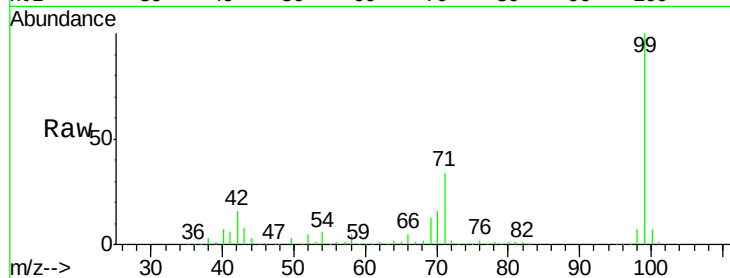
Tot Ion: 99 Resp: 1113214

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

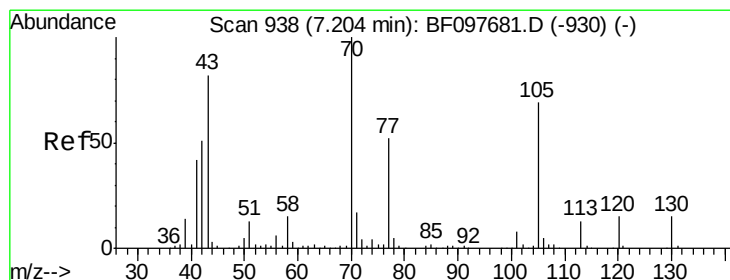
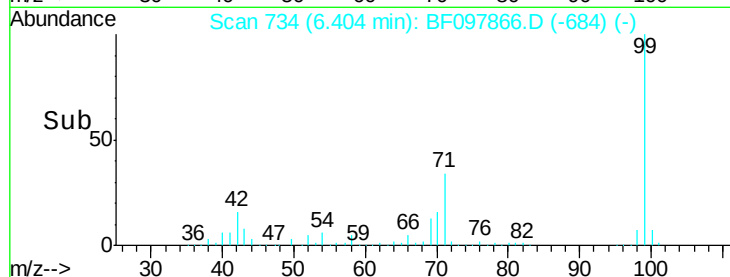
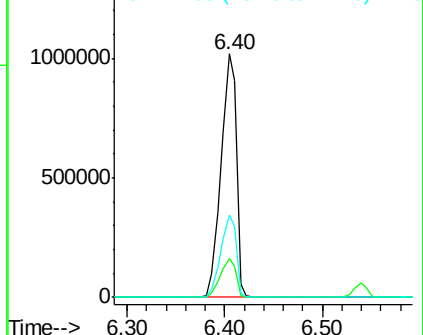
71 33.6 24.5 36.7



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: 14.77 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.13 min

Lab File: BF097866.D

Acq: 19 Aug 2017 7:27

Tgt Ion: 70 Resp: 95468

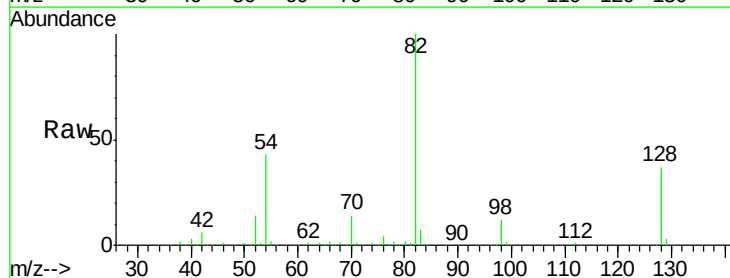
Ion Ratio Lower Upper

70 100

42 42.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

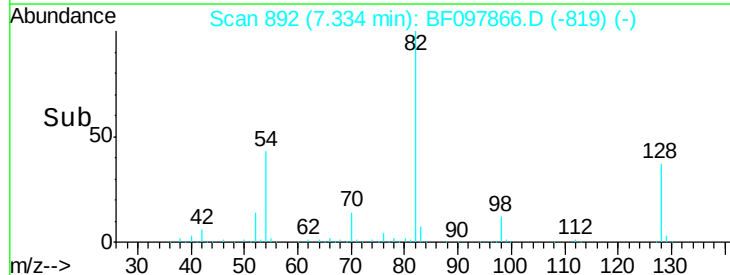
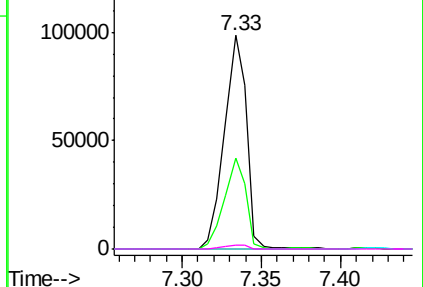


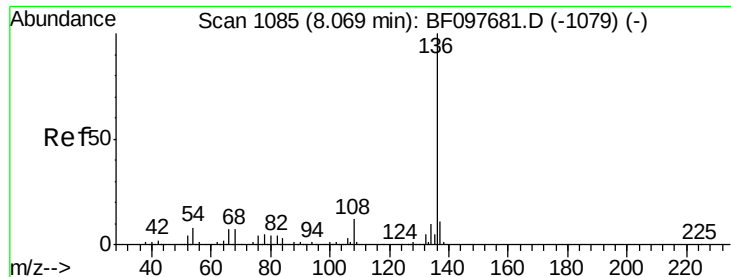
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097866.D

Acq: 19 Aug 2017 7:27

Instrument :

BNA_F

ClientSampleId :

E2-K7-BASE

Tot Ion:136 Resp: 426436

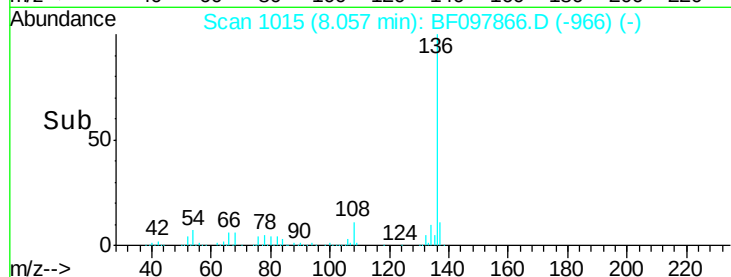
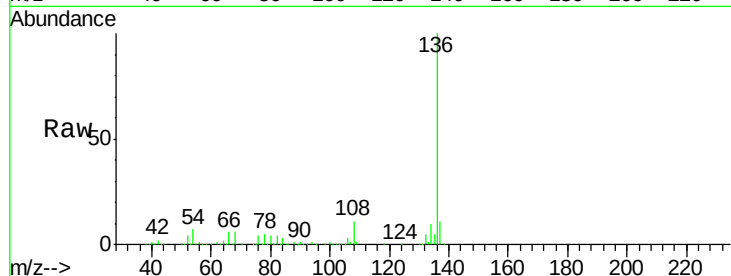
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3#

68 6.3 4.1 6.1#

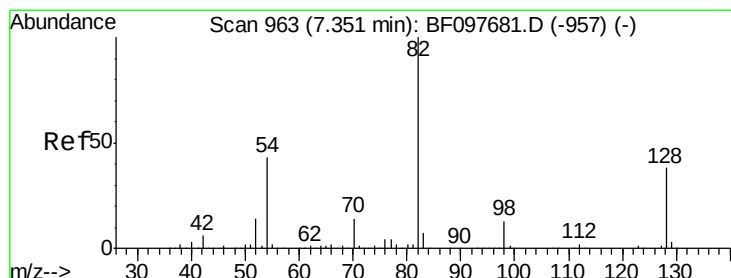
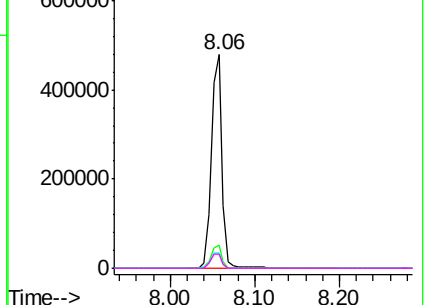


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.94 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF097866.D

Acq: 19 Aug 2017 7:27

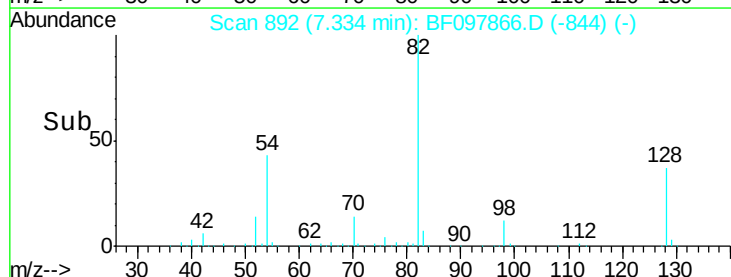
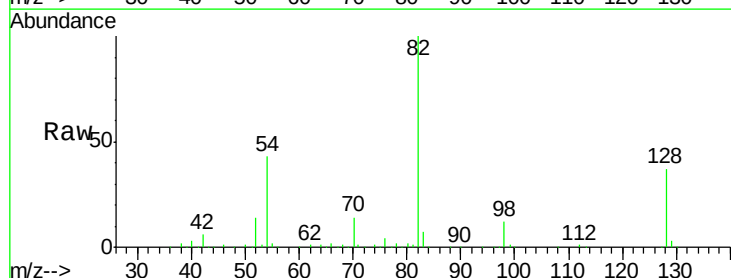
Tgt Ion: 82 Resp: 706014

Ion Ratio Lower Upper

82 100

128 36.5 34.0 51.0

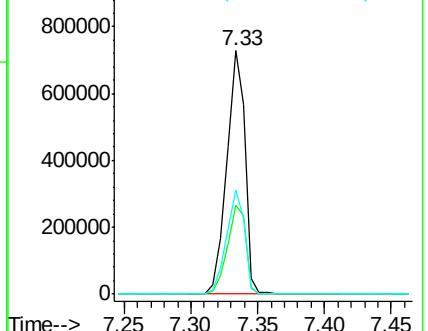
54 42.8 42.2 63.2

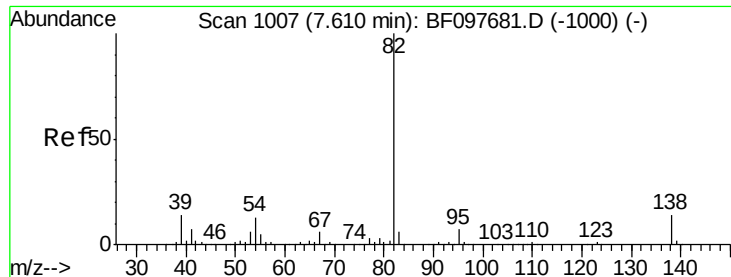


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.94 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.28 min

Lab File: BF097866.D

Acq: 19 Aug 2017 7:27

Instrument :

BNA_F

ClientSampleId :

E2-K7-BASE

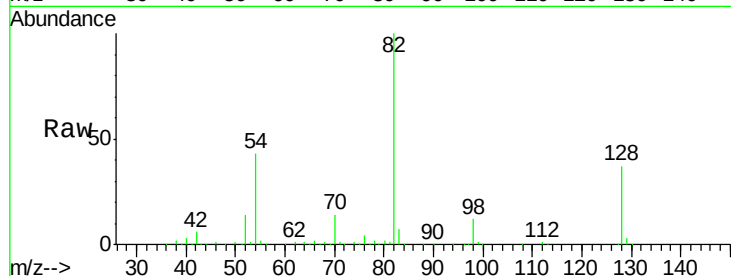
Tot Ion: 82 Resp: 700886

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

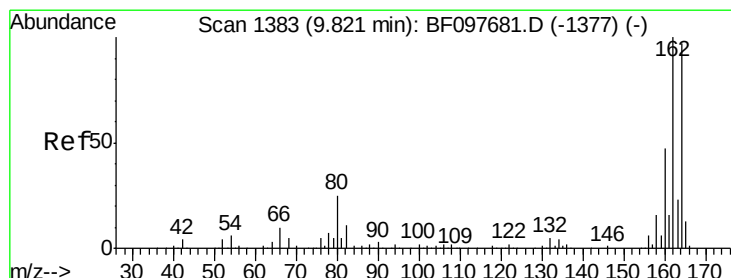
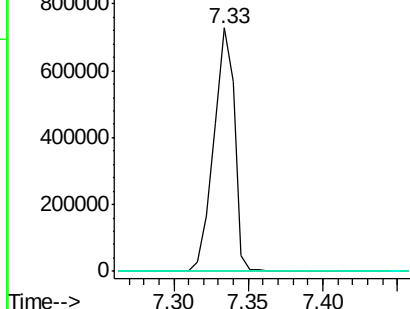
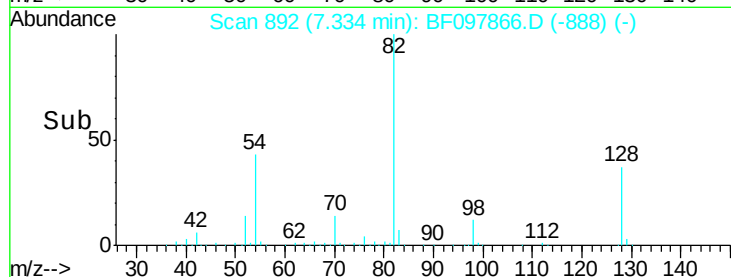
138 0.0 13.1 19.7#



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: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097866.D

Acq: 19 Aug 2017 7:27

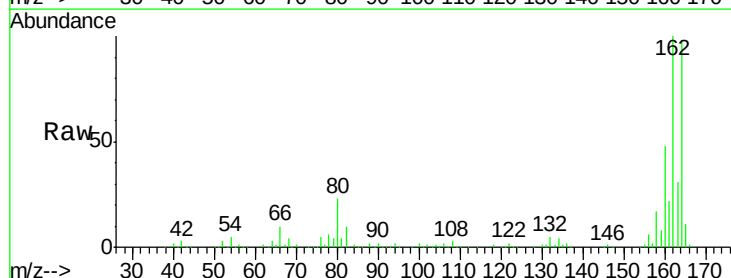
Tgt Ion: 164 Resp: 189597

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

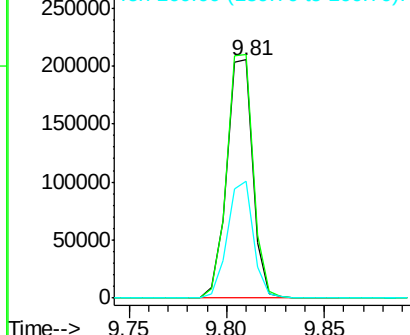
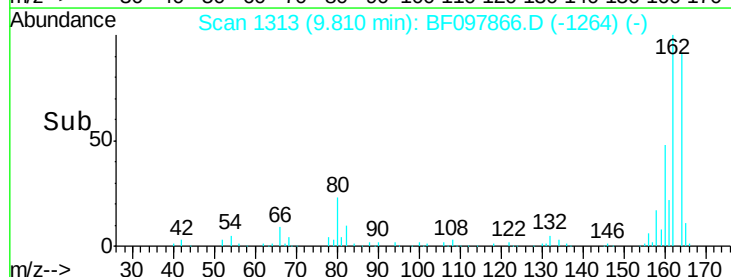
160 49.1 36.2 54.2

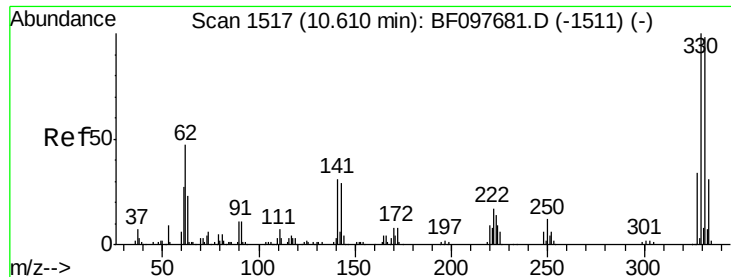


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

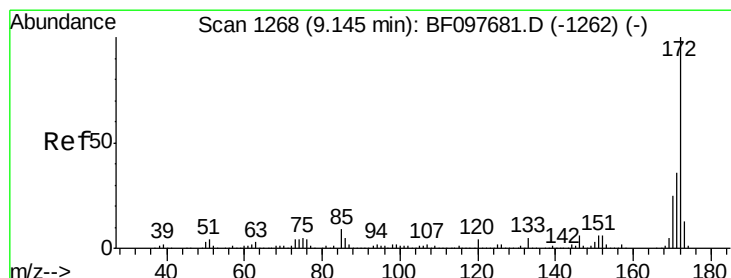
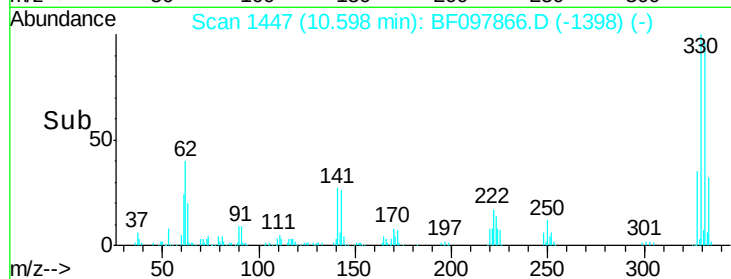
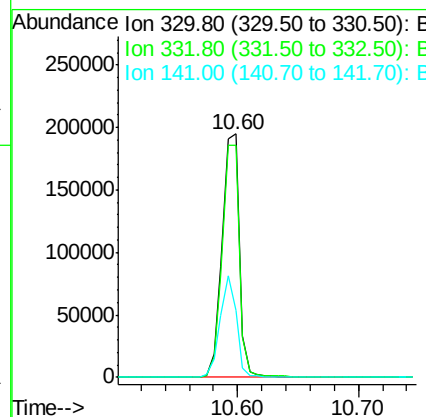
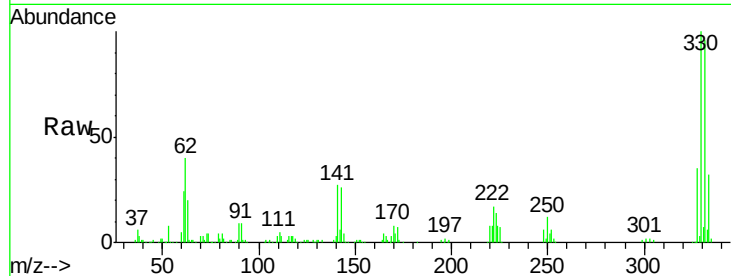




#41
 2,4,6-Tribromophenol
 Concen: 115.91 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097866.D
 Acq: 19 Aug 2017 7:27

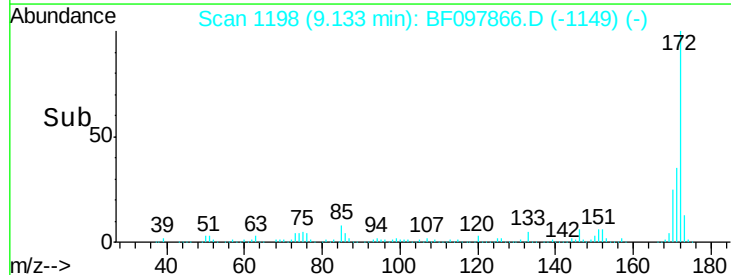
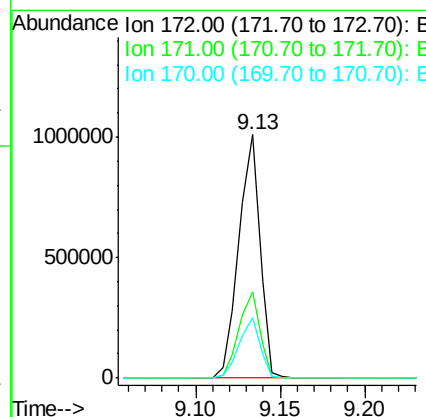
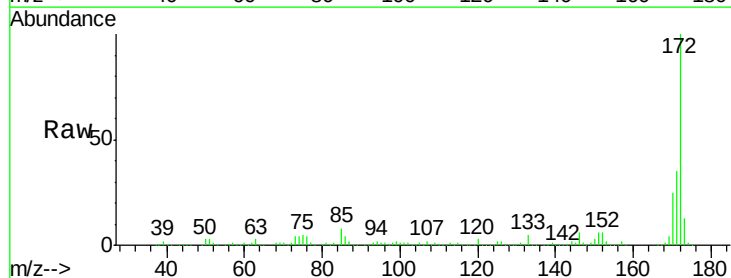
Instrument :
 BNA_F
 ClientSampleId :
 E2-K7-BASE

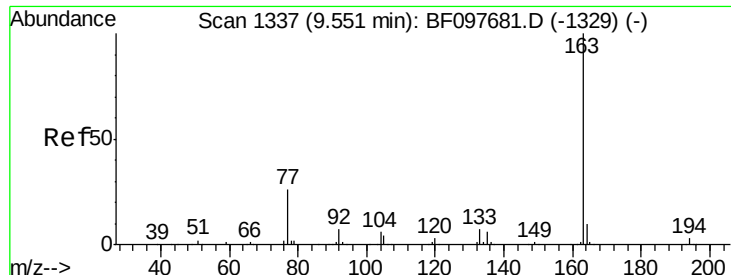
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 68.54 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097866.D
 Acq: 19 Aug 2017 7:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.7	19.8	29.8

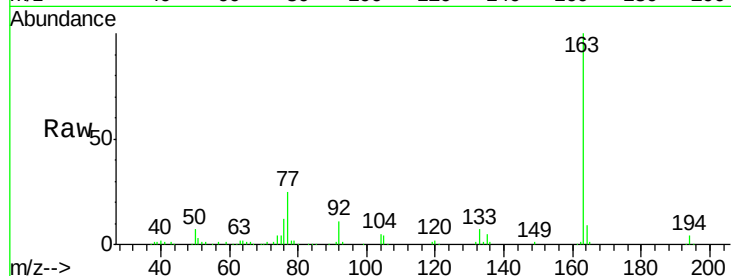




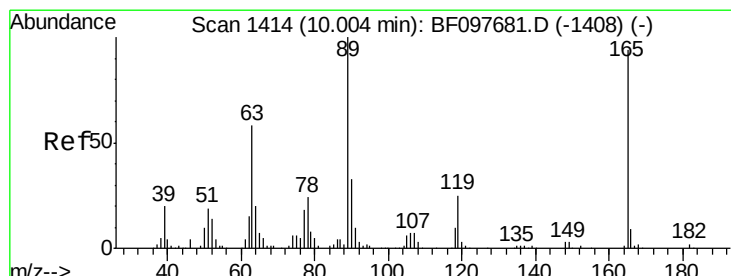
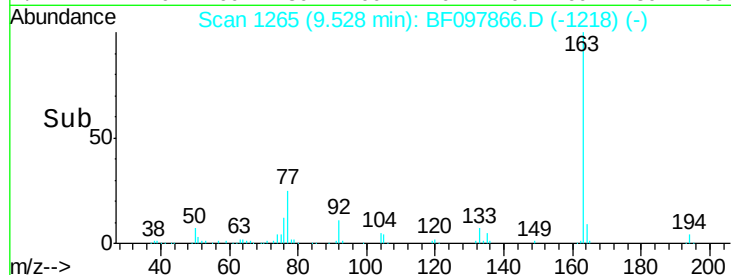
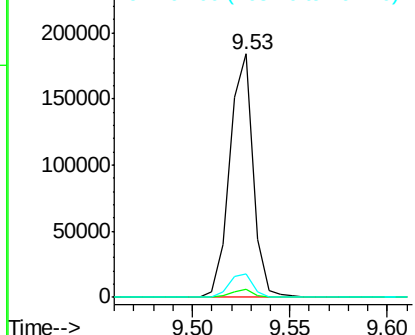
#49
Dimethylphthalate
Concen: 11.01 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097866.D
Acq: 19 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-K7-BASE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.5	8.4	12.6



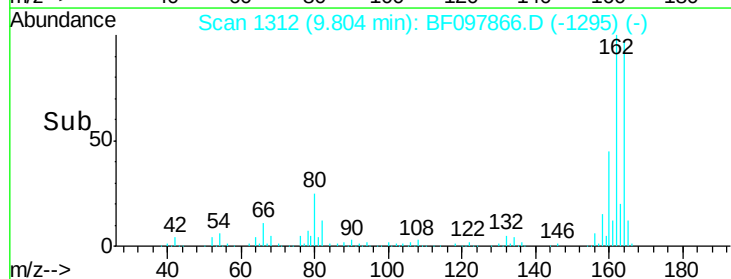
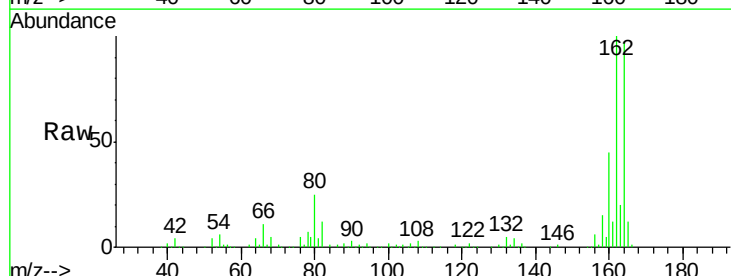
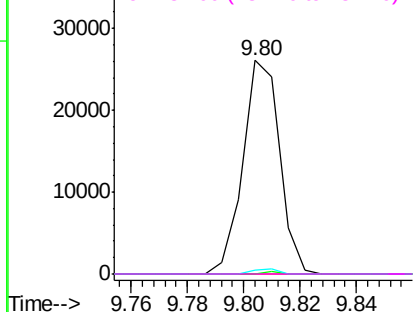
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

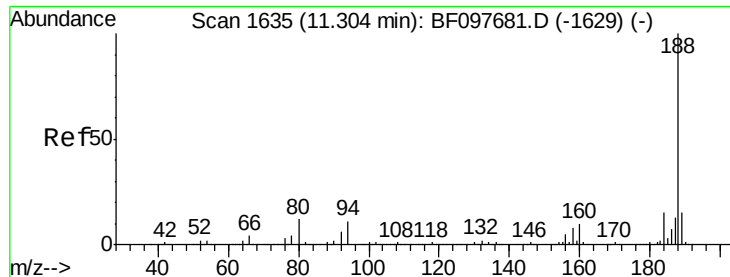


#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BF097866.D
Acq: 19 Aug 2017 7:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.8	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

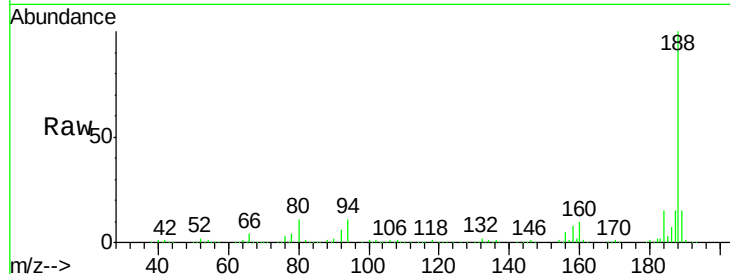




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097866.D
 Acq: 19 Aug 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-K7-BASE

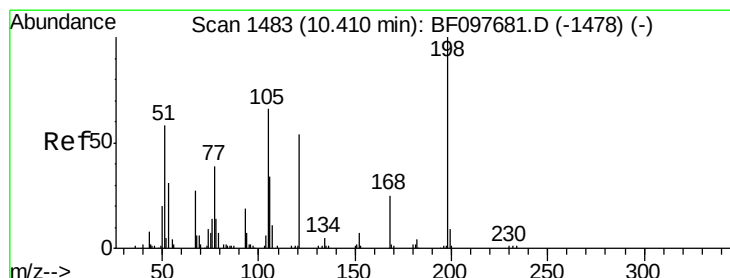
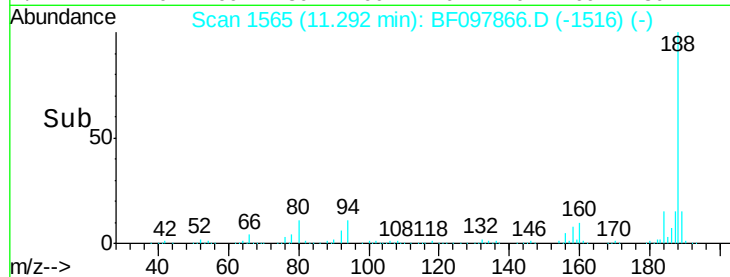
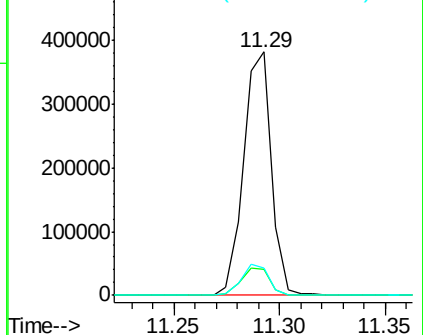
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.0	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

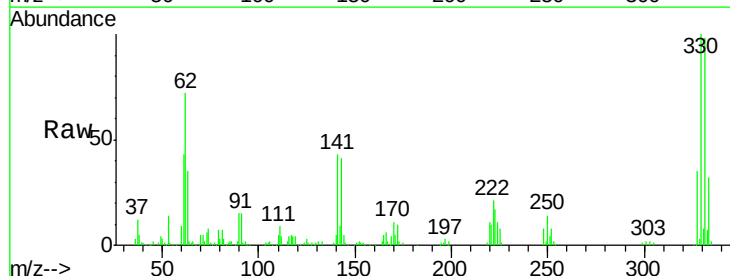
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.46 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.18 min
 Lab File: BF097866.D
 Acq: 19 Aug 2017 7:27

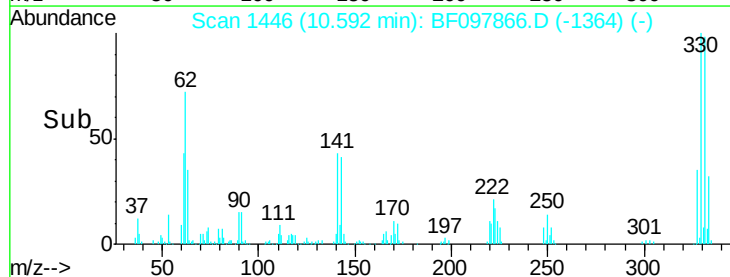
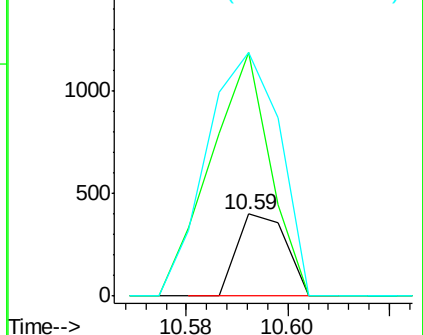
Tgt Ion	Ratio	Lower	Upper
198	100		
51	296.0	53.2	93.2#
105	296.5	45.8	85.8#

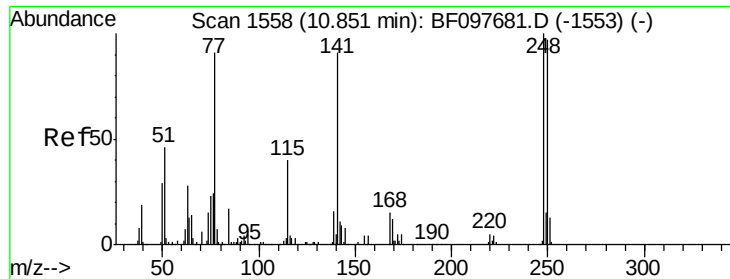


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

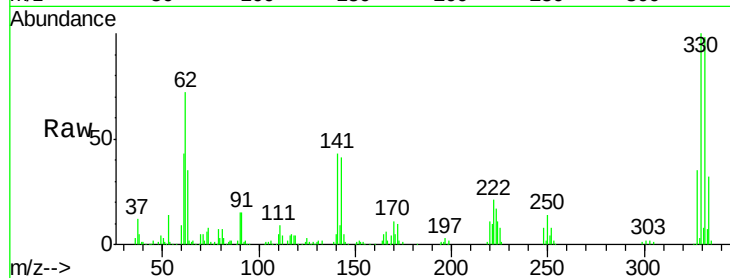




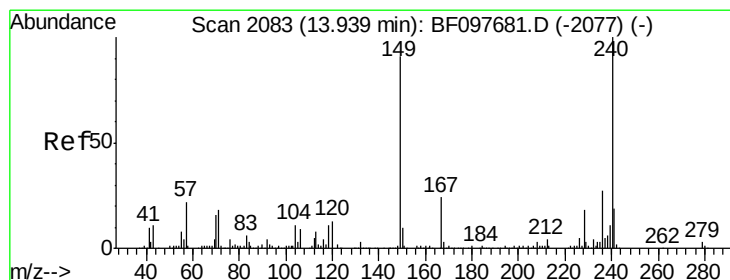
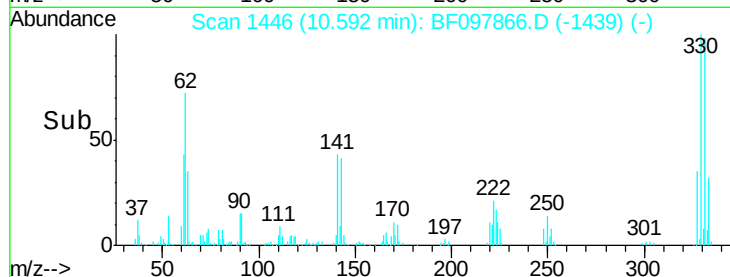
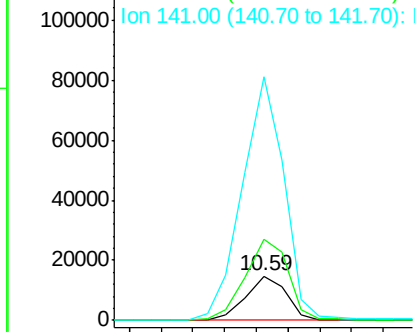
#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BF097866.D
Acq: 19 Aug 2017 7:27

Instrument :
BNA_F
ClientSampleId :
E2-K7-BASE

Tot Ion:248 Resp: 12931
Ion Ratio Lower Upper
248 100
250 184.7 76.8 115.2#
141 552.2 68.6 103.0#

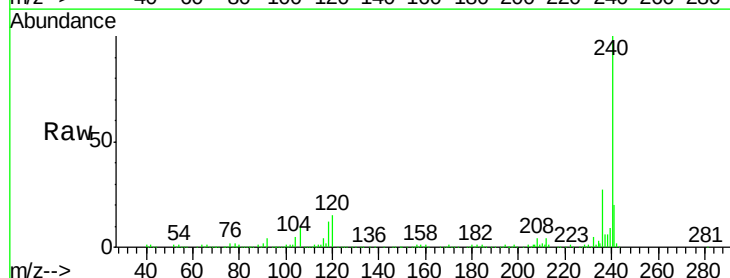


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

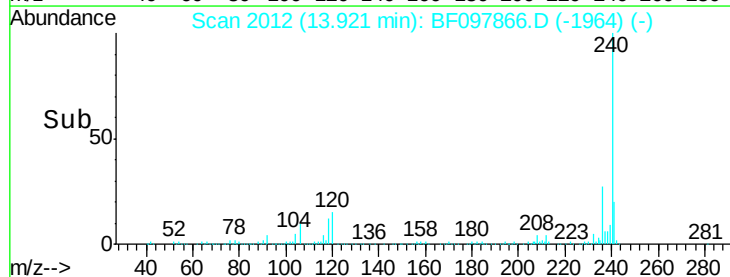
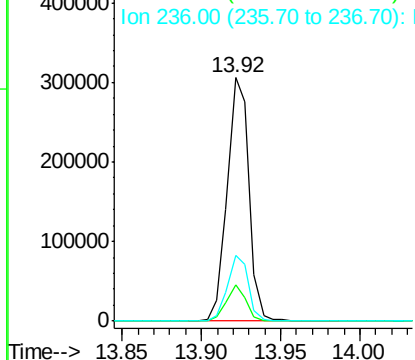


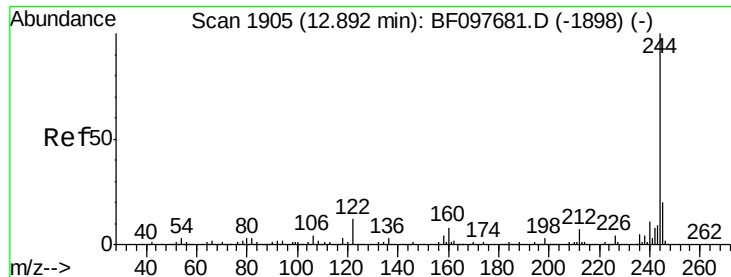
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097866.D
Acq: 19 Aug 2017 7:27

Tgt Ion:240 Resp: 290289
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 27.0 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

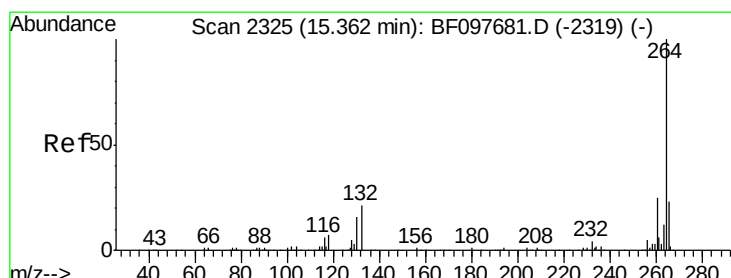
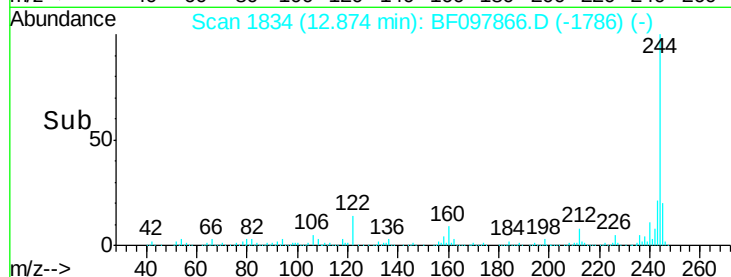
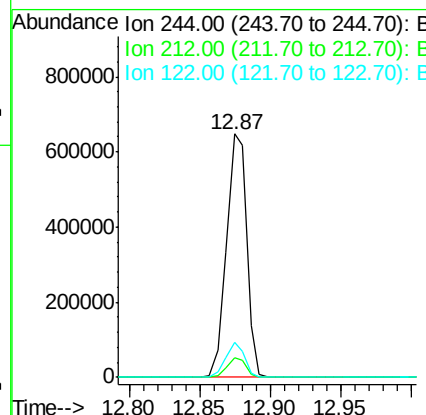
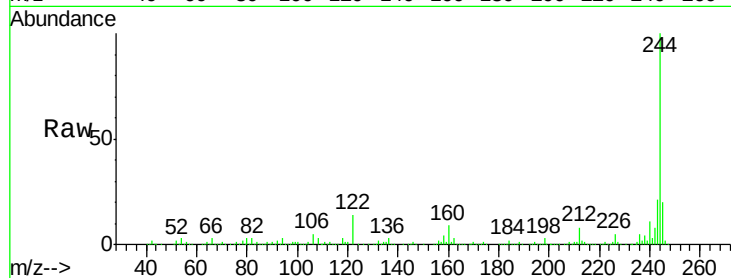




#78
 Terphenyl-d14
 Concen: 46.33 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF097866.D
 Acq: 19 Aug 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-K7-BASE

Tot Ion:244 Resp: 644918
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF097866.D
 Acq: 19 Aug 2017 7:27

Tgt Ion:264 Resp: 255657
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 21.3 17.2 25.8

