

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097243.D
 Acq On : 1 Aug 2017 20:38
 Operator : SJ/JU
 Sample : PB101139BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101139BL

Quant Time: Aug 02 03:55:08 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

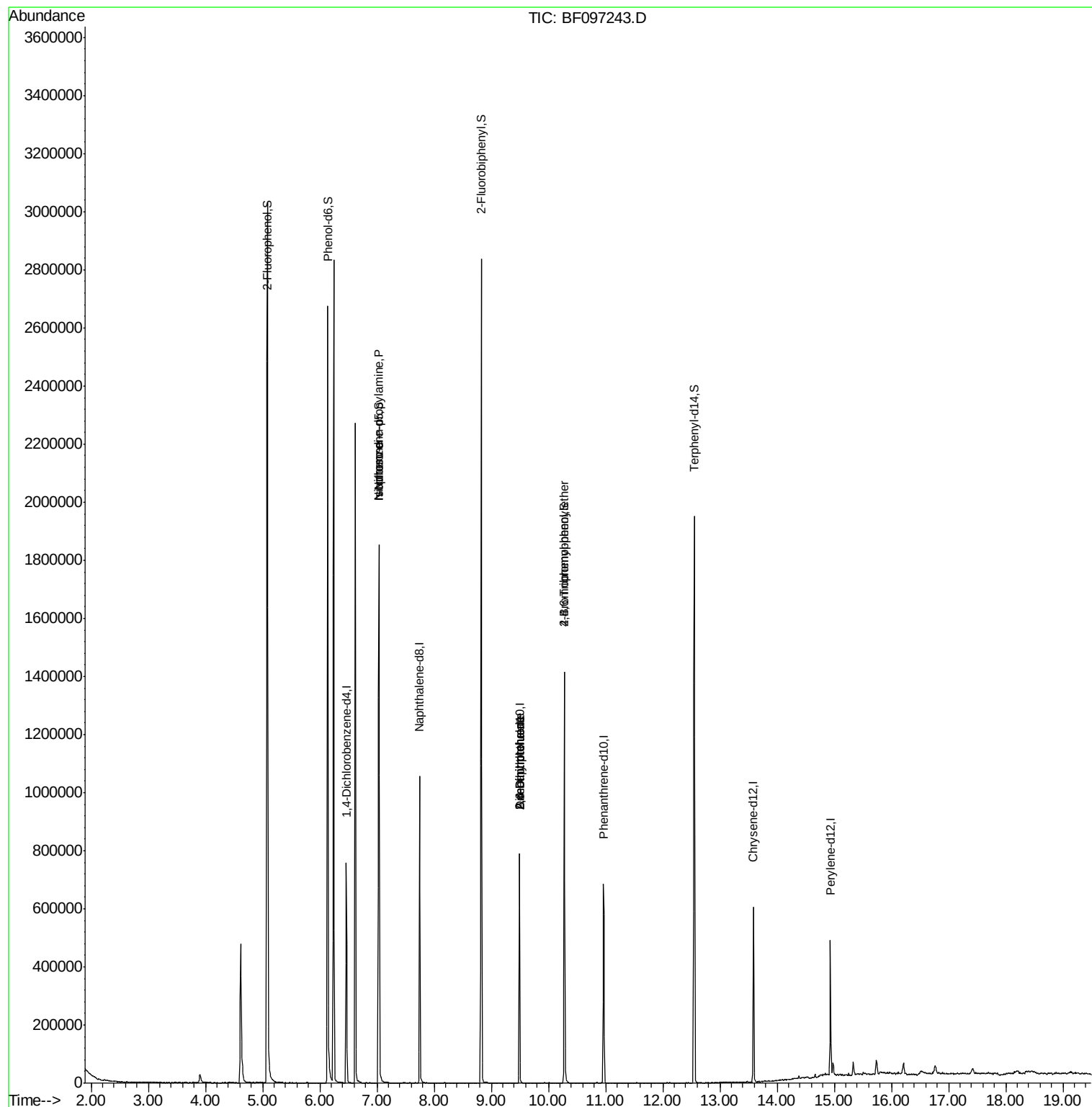
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	107767	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	465526	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	156331	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	246340	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	213664	20.00	ng	-0.04
86) Perylene-d12	14.93	264	169739	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	941243	131.66	ng	-0.02
7) Phenol-d6	6.14	99	1003834	123.00	ng	-0.03
23) Nitrobenzene-d5	7.03	82	597985	75.36	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	143793	116.42	ng	-0.04
44) 2-Fluorobiphenyl	8.83	172	932881	101.27	ng	-0.04
78) Terphenyl-d14	12.55	244	597234	56.99	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	80988	15.08	ng	# 87
25) Isophorone	7.03	82	576119	37.07	ng	# 67
49) Dimethylphthalate	9.49	163	46805	3.94	ng	# 1
50) 2,6-Dinitrotoluene	9.49	165	20071	7.97	ng	# 31
56) 2,4-Dinitrotoluene	9.49	165	20071	6.93	ng	# 31
66) 4-Bromophenyl-phenylether	10.28	248	9626	3.92	ng	# 1

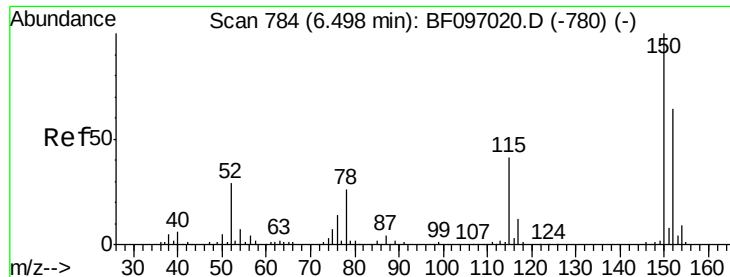
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB101139BL

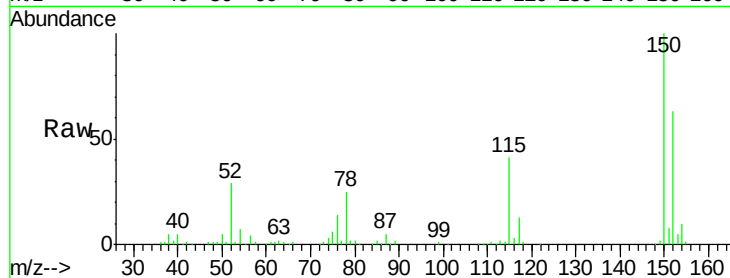
Tot Ion:152 Resp: 107767

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

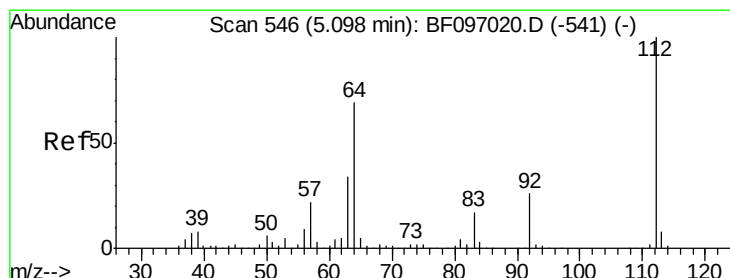
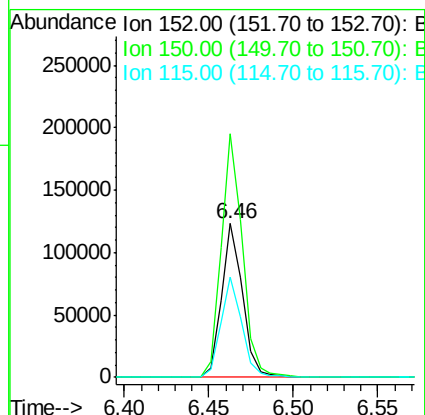
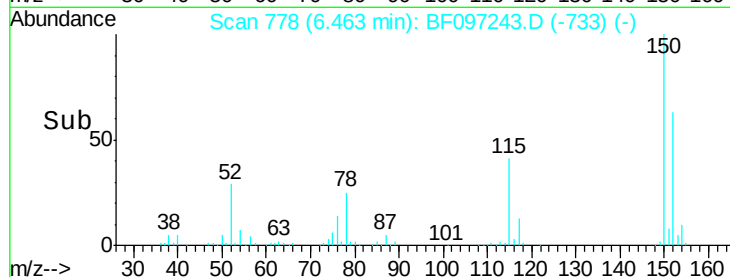
115 65.3 52.2 78.2



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: 131.66 ng

RT: 5.08 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

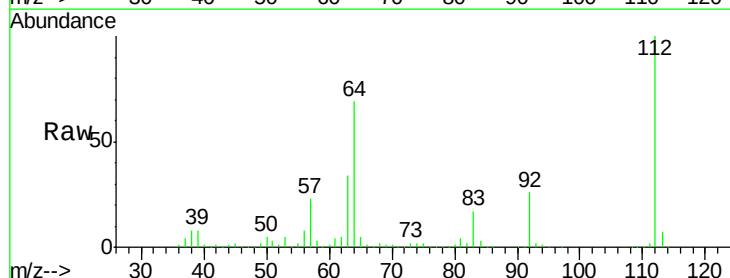
Tgt Ion:112 Resp: 941243

Ion Ratio Lower Upper

112 100

64 68.8 46.0 69.0

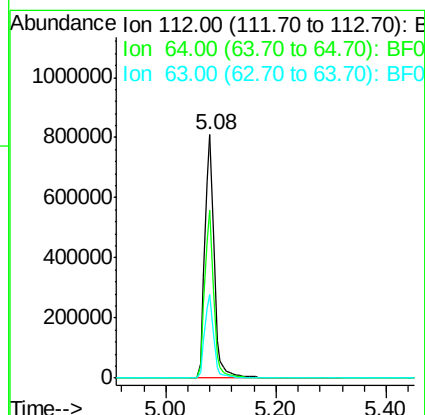
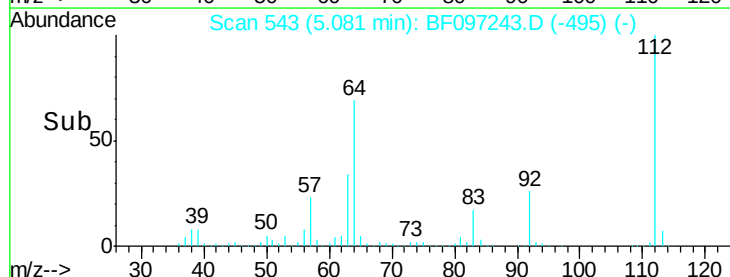
63 34.2 23.4 35.0

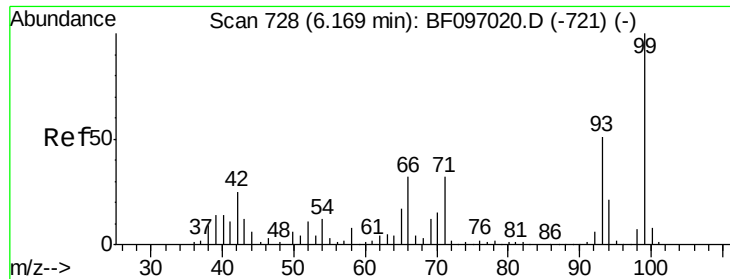


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.00 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB101139BL

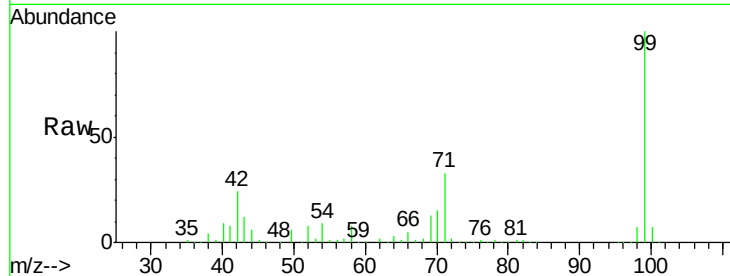
Tot Ion: 99 Resp: 1003834

Ion Ratio Lower Upper

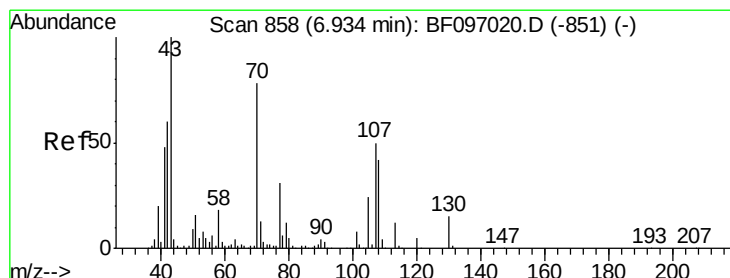
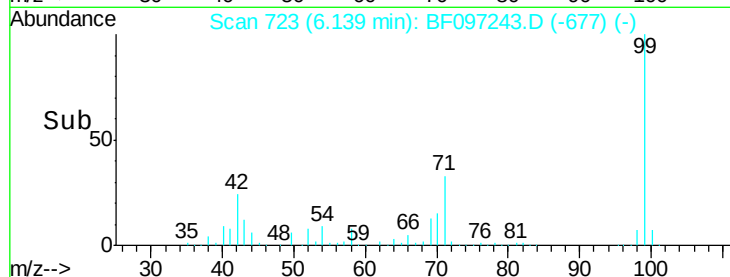
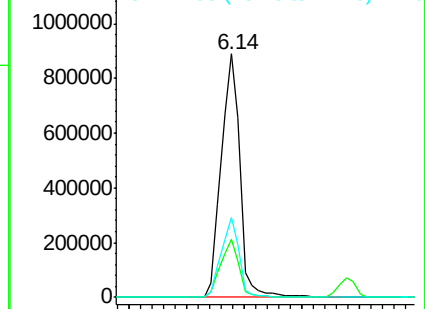
99 100

42 24.0 13.5 20.3#

71 32.6 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: 15.08 ng

RT: 7.03 min Scan# 875

Delta R.T. 0.10 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

Tgt Ion: 70 Resp: 80988

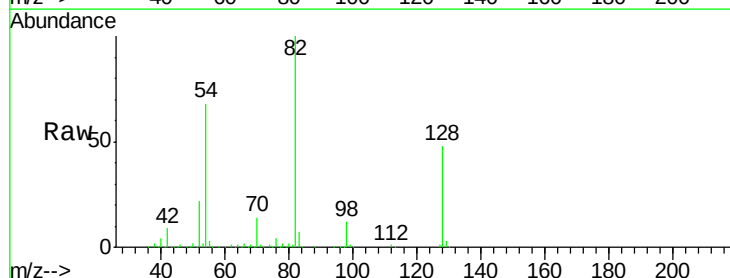
Ion Ratio Lower Upper

70 100

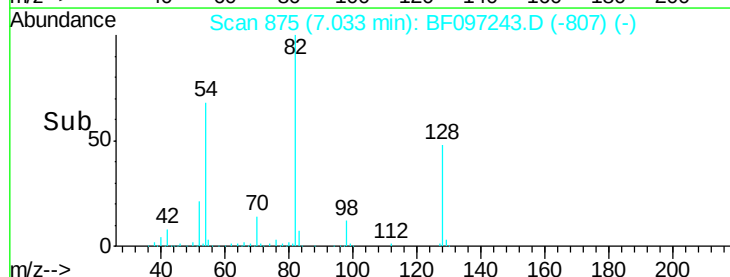
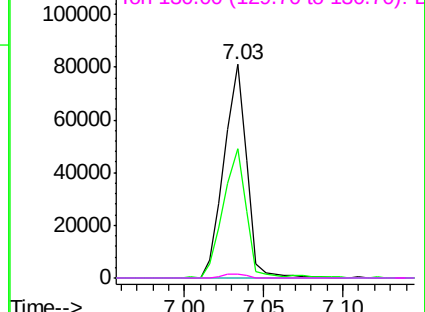
42 60.8 47.2 70.8

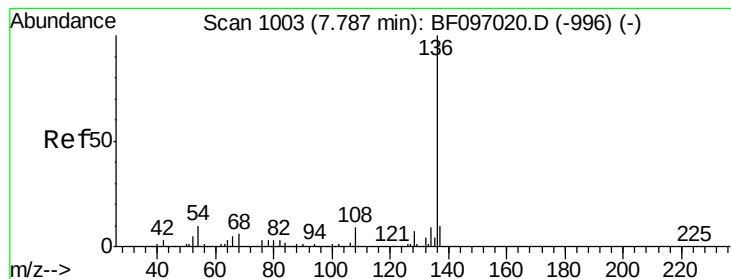
101 0.0 7.2 10.8#

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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB101139BL

Tot Ion:136 Resp: 465526

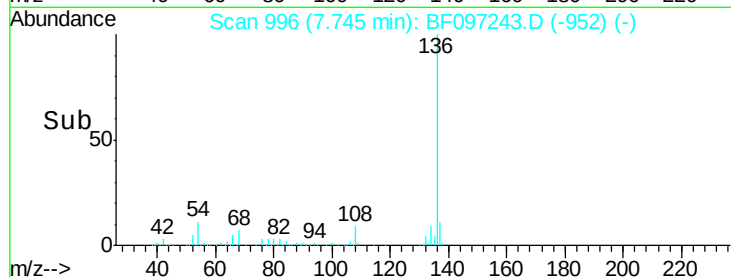
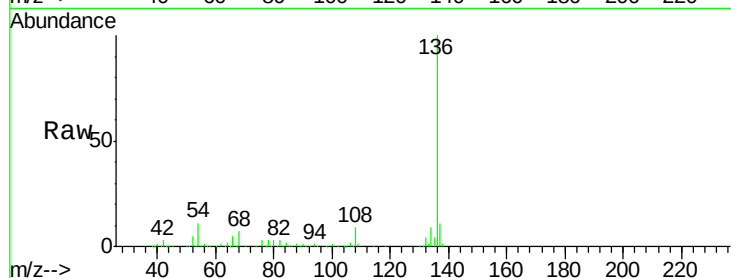
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.4 4.9 7.3#

68 6.5 4.1 6.1#

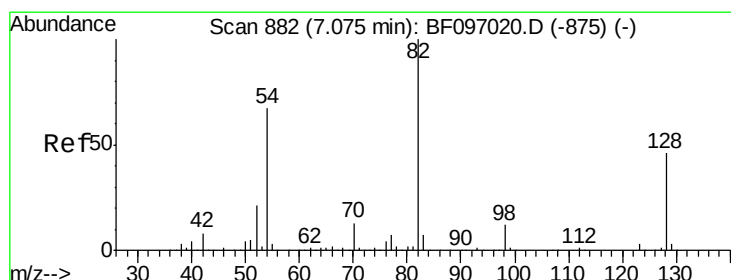
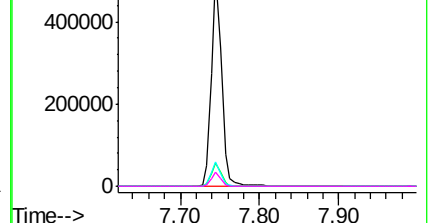


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.36 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

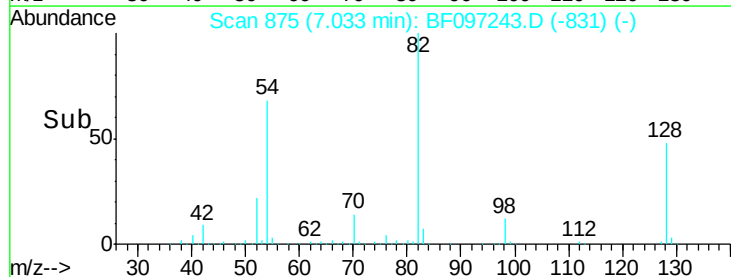
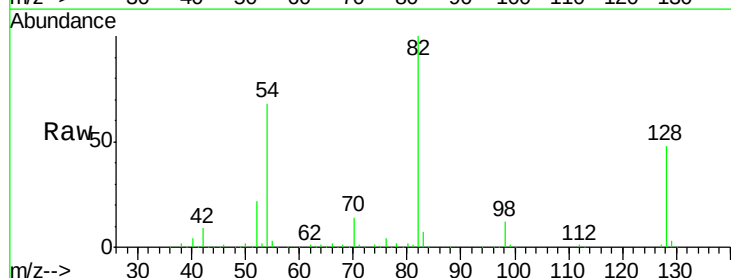
Tgt Ion: 82 Resp: 597985

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

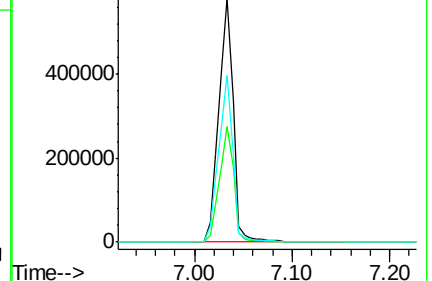
54 68.4 42.2 63.2#

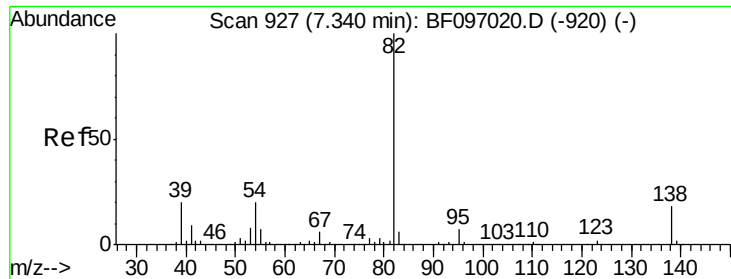


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

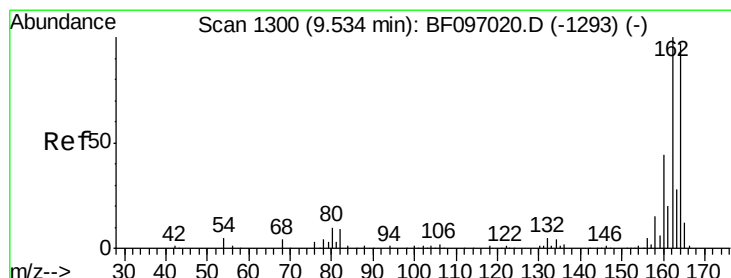
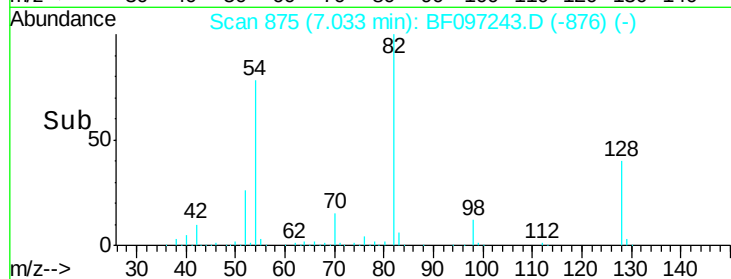
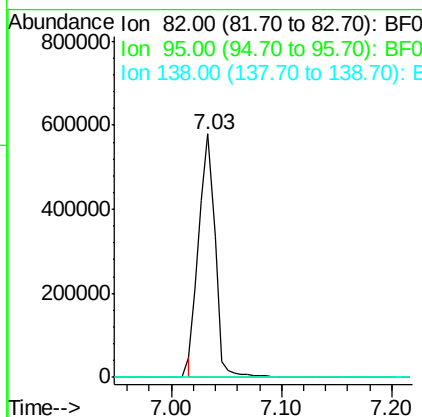
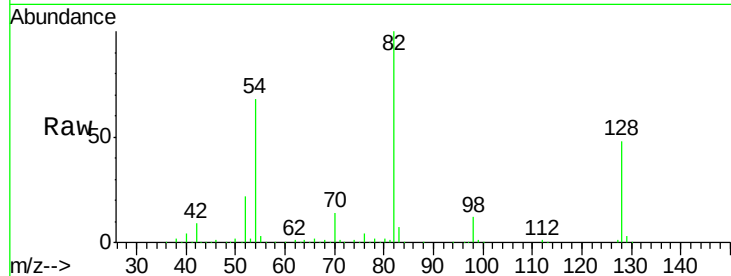




#25
Isophorone
Concen: 37.07 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.31 min
Lab File: BF097243.D
Acq: 1 Aug 2017 20:38

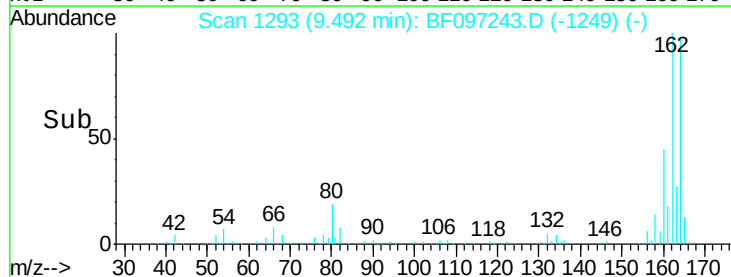
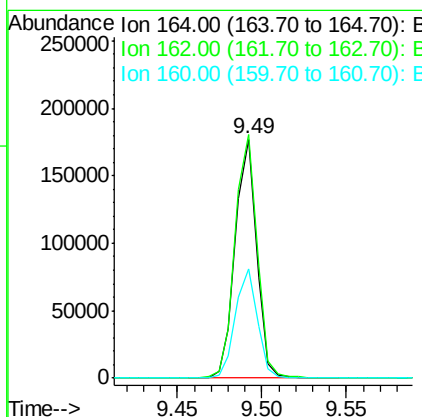
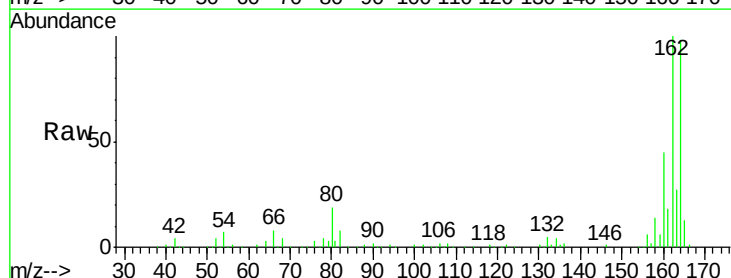
Instrument :
BNA_F
ClientSampleId :
PB101139BL

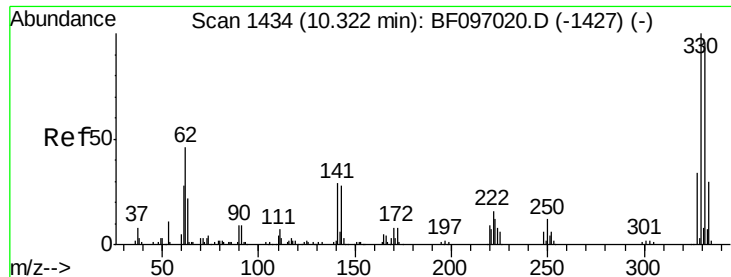
Tot Ion: 82 Resp: 576119
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BF097243.D
Acq: 1 Aug 2017 20:38

Tgt Ion: 164 Resp: 156331
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.7 36.2 54.2

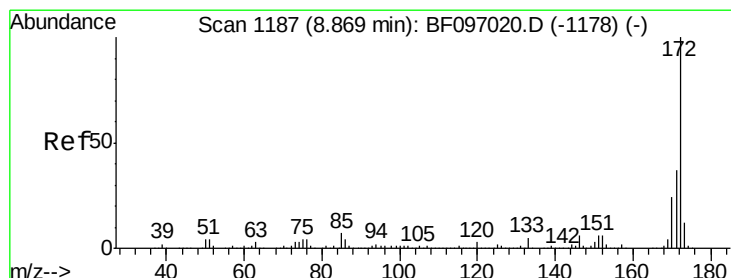
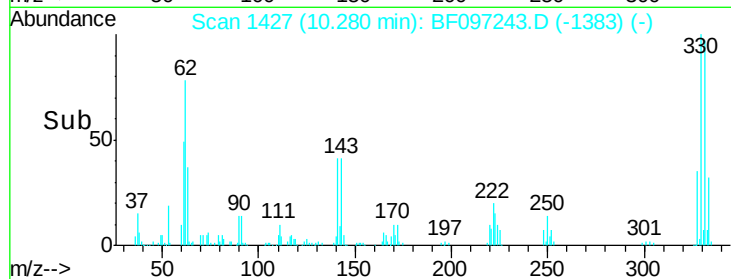
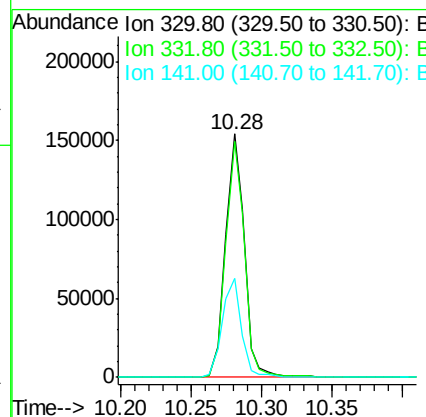
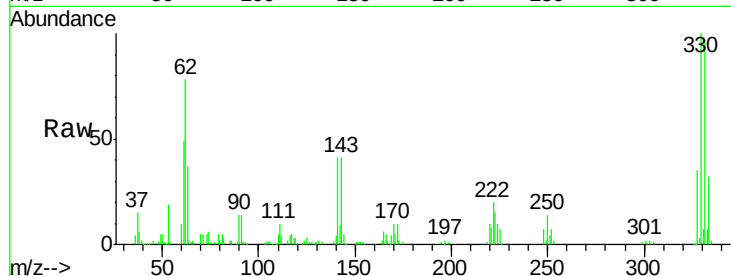




#41
 2,4,6-Tribromophenol
 Concen: 116.42 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097243.D
 Acq: 1 Aug 2017 20:38

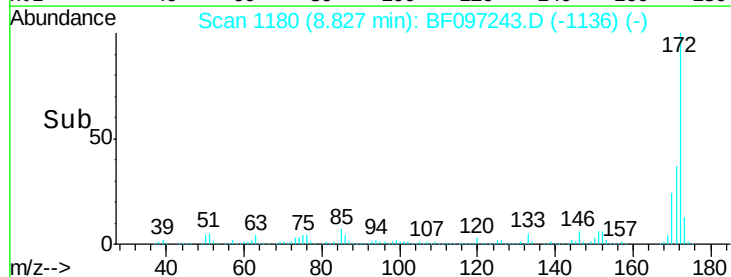
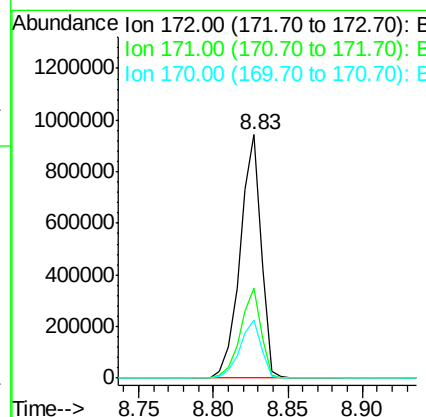
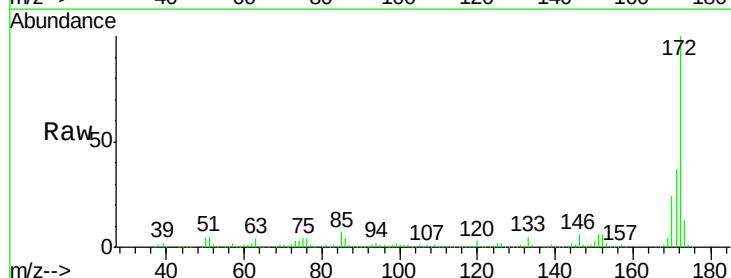
Instrument :
 BNA_F
 ClientSampleId :
 PB101139BL

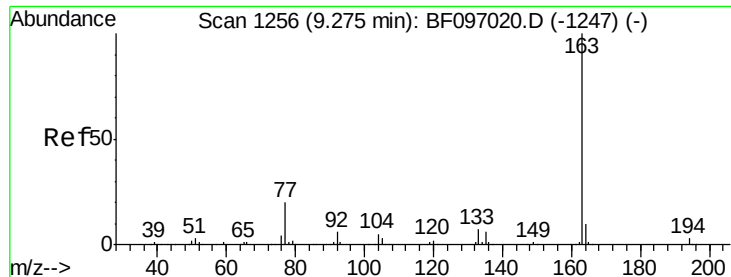
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	41.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 101.27 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF097243.D
 Acq: 1 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.8	19.8	29.8





#49

Dimethylphthalate

Concen: 3.94 ng

RT: 9.49 min Scan# 1293

Delta R.T. 0.22 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB101139BL

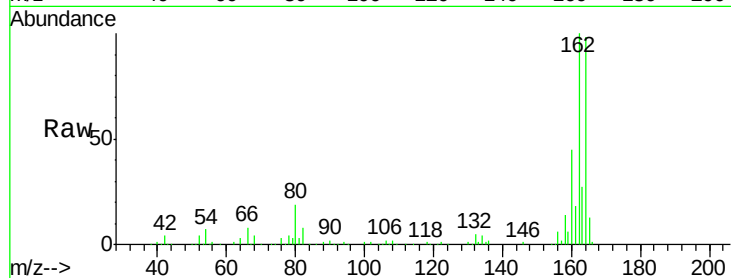
Tot Ion:163 Resp: 46805

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

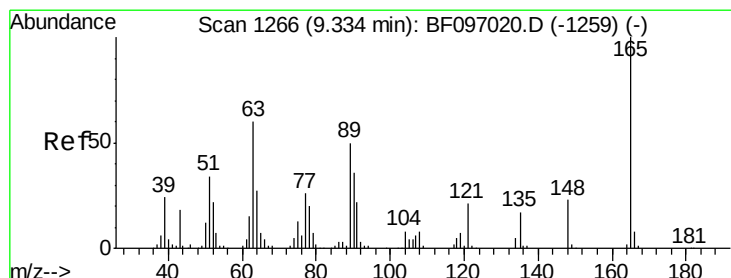
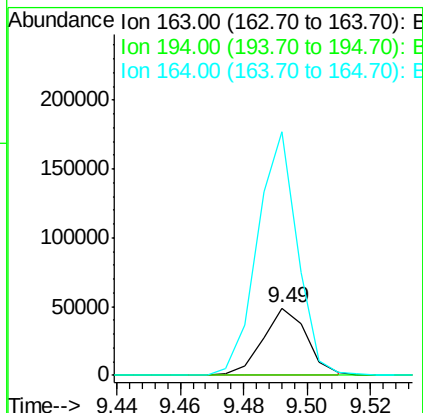
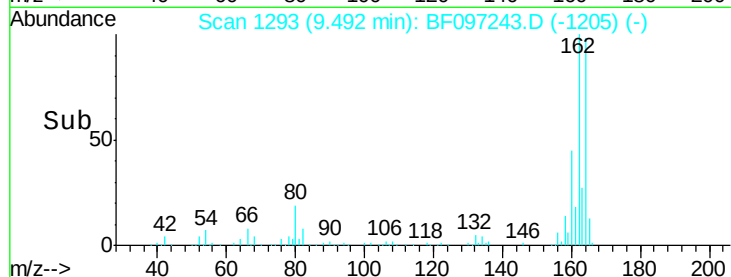
164 362.3 8.4 12.6#



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: 7.97 ng

RT: 9.49 min Scan# 1293

Delta R.T. 0.16 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

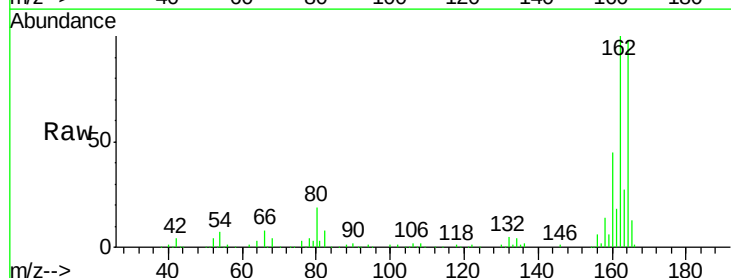
Tgt Ion:165 Resp: 20071

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

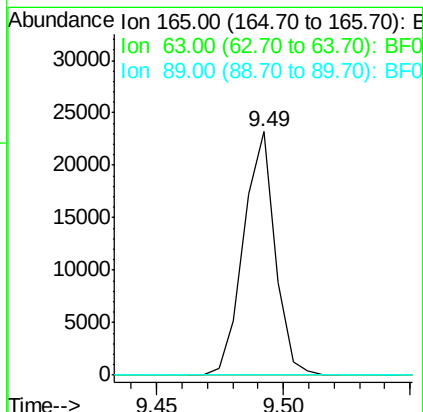
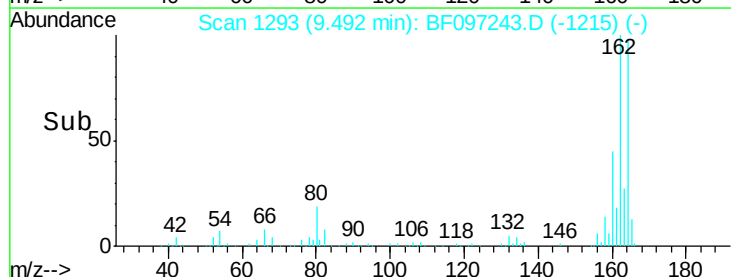
89 0.0 37.1 55.7#

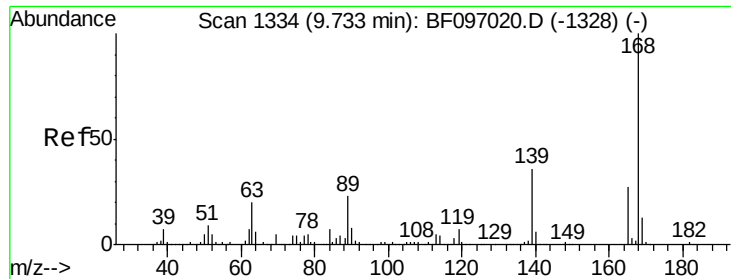


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

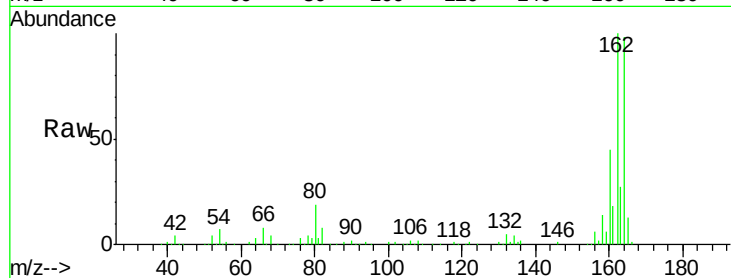




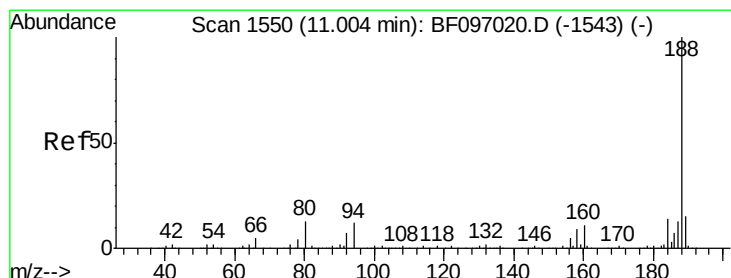
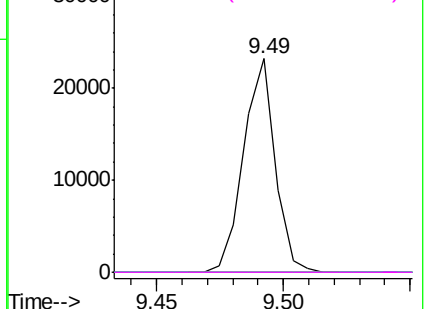
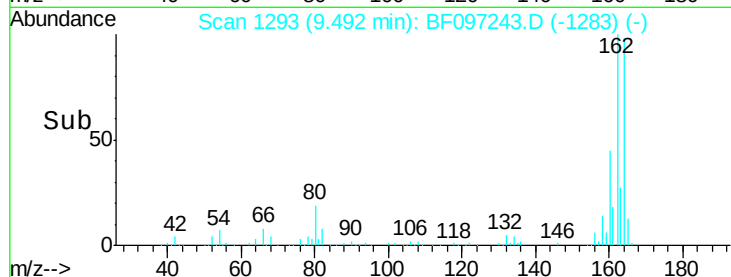
#56
 2,4-Dinitrotoluene
 Concen: 6.93 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.24 min
 Lab File: BF097243.D
 Acq: 1 Aug 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101139BL

Tot Ion:165 Resp: 20071
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

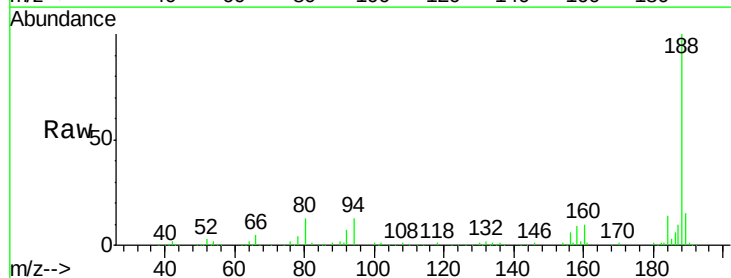


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

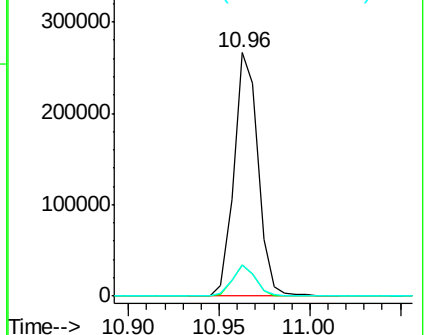
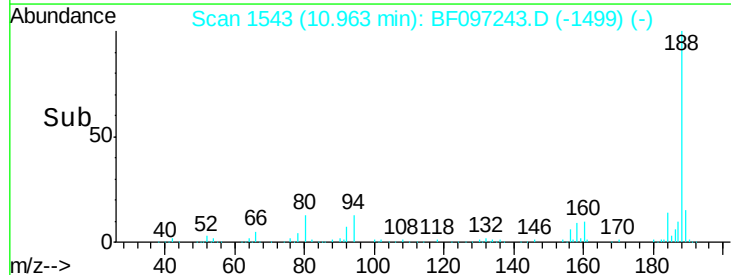


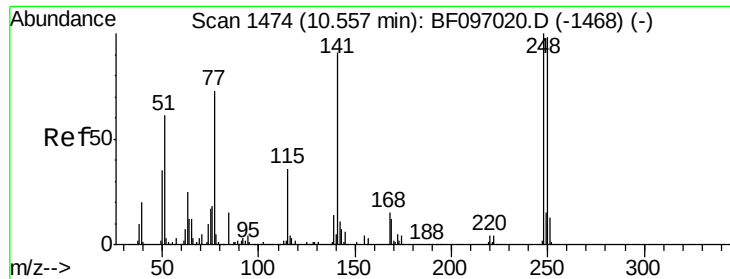
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.04 min
 Lab File: BF097243.D
 Acq: 1 Aug 2017 20:38

Tgt Ion:188 Resp: 246340
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 13.0 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

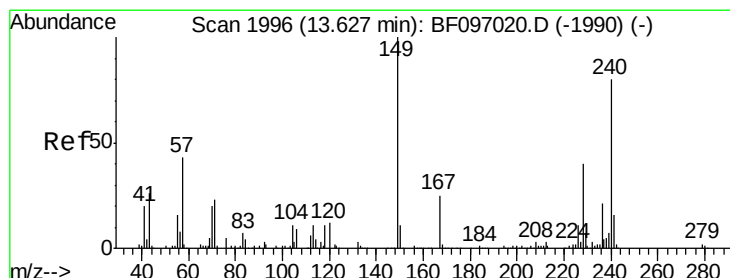
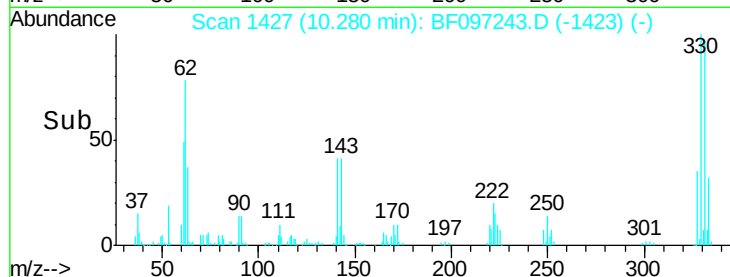
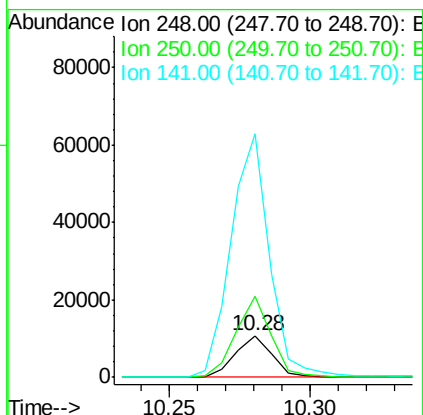
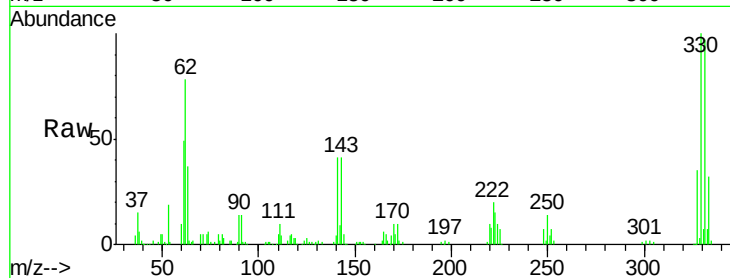




#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.28 min
Lab File: BF097243.D
Acq: 1 Aug 2017 20:38

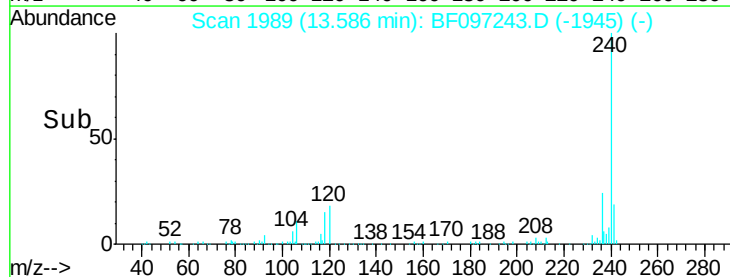
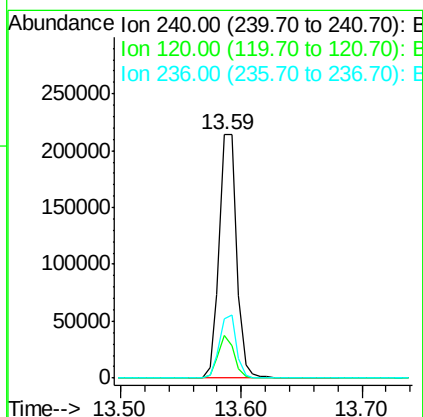
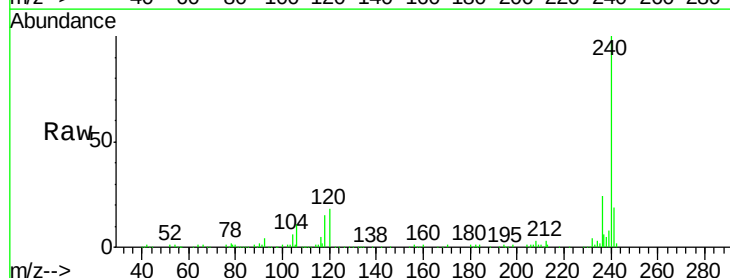
Instrument :
BNA_F
ClientSampleId :
PB101139BL

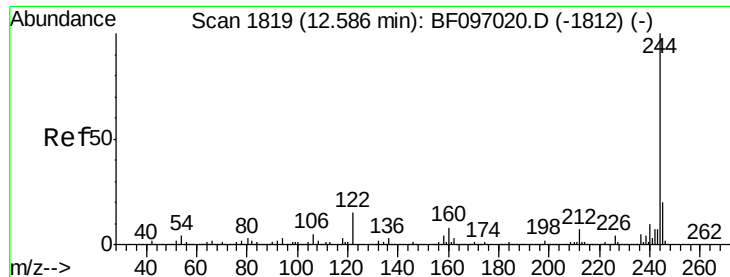
Tot Ion:248 Resp: 9626
Ion Ratio Lower Upper
248 100
250 195.7 76.8 115.2#
141 584.1 68.6 103.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.04 min
Lab File: BF097243.D
Acq: 1 Aug 2017 20:38

Tgt Ion:240 Resp: 213664
Ion Ratio Lower Upper
240 100
120 17.5 5.8 8.8#
236 24.2 20.5 30.7

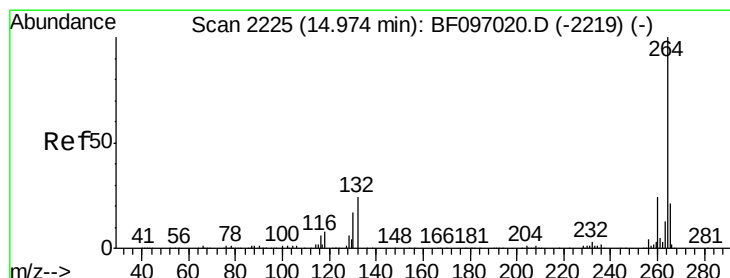
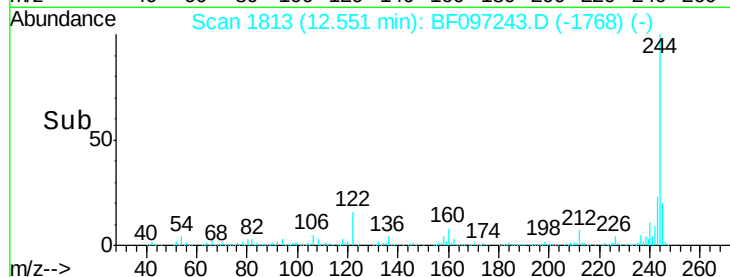
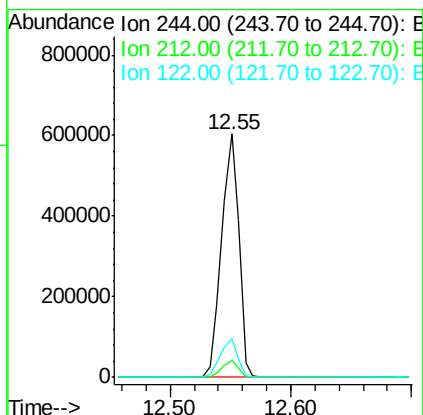
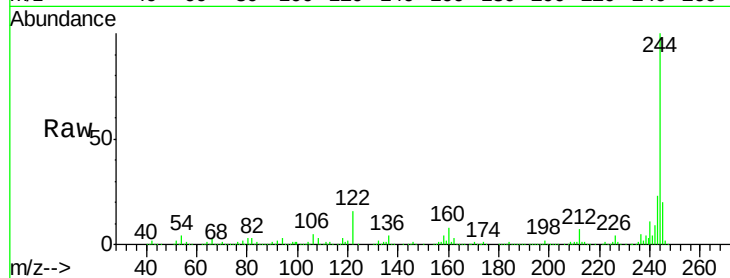




#78
 Terphenyl-d14
 Concen: 56.99 ng
 RT: 12.55 min Scan# 1813
 Delta R.T. -0.04 min
 Lab File: BF097243.D
 Acq: 1 Aug 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101139BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	16.0	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 2218
 Delta R.T. -0.04 min
 Lab File: BF097243.D
 Acq: 1 Aug 2017 20:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.7	17.2	25.8

