

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097873.D
 Acq On : 19 Aug 2017 12:39
 Operator : SJ/JU
 Sample : PB101621BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BL

Quant Time: Aug 21 02:35:37 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

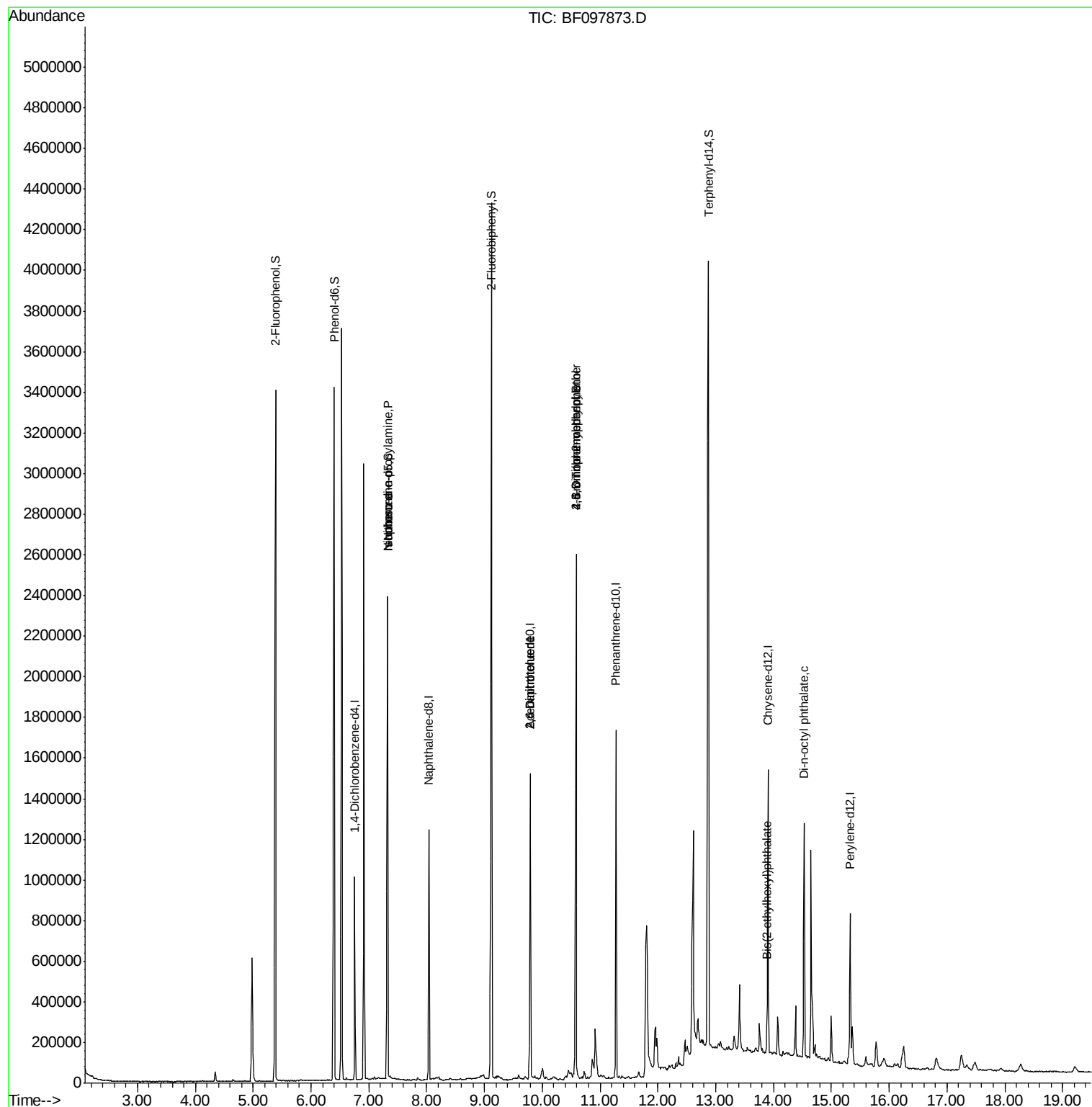
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	145843	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	595499	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	283392	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	601308	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	501523	20.00	ng	-0.04
86) Perylene-d12	15.33	264	314446	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1200714	125.23	ng	0.00
7) Phenol-d6	6.40	99	1607104	123.36	ng	0.00
23) Nitrobenzene-d5	7.33	82	1047675	95.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	351438	142.93	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1552494	80.49	ng	-0.02
78) Terphenyl-d14	12.87	244	1578091	65.62	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	139395	15.63	ng	# 74
25) Isophorone	7.33	82	1038671	45.57	ng	# 67
50) 2,6-Dinitrotoluene	9.79	165	34978	8.46	ng	# 34
56) 2,4-Dinitrotoluene	9.79	165	34978	6.74	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.58	198	609	8.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	22935	3.67	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.89	149	35488	2.04	ng	# 95
84) Di-n-octyl phthalate	14.53	149	112320	3.70	ng	# 51

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.02 min

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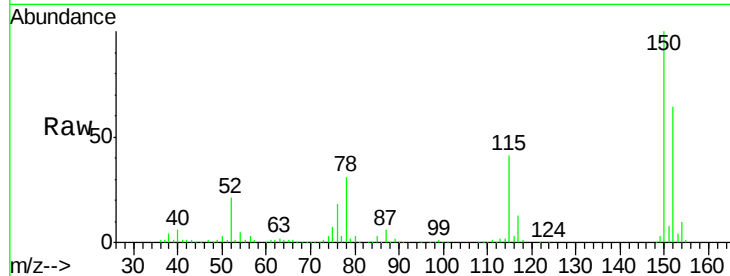
Tot Ion:152 Resp: 145843

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

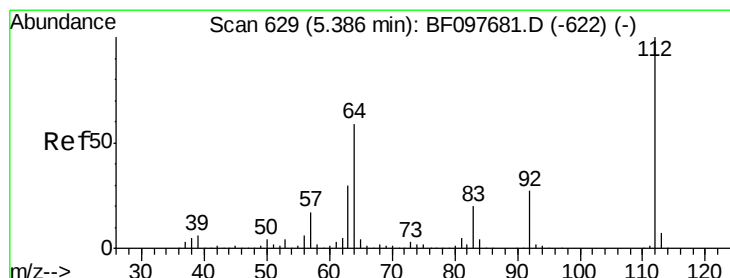
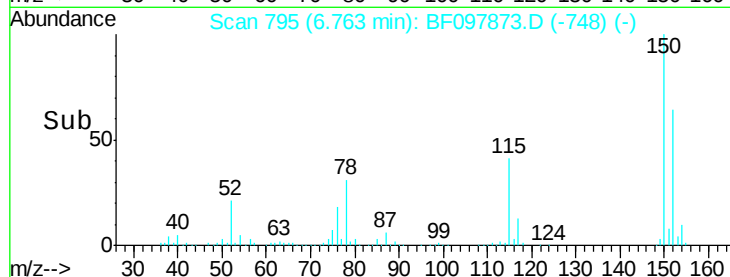
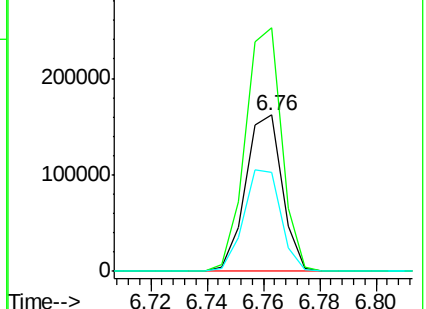
115 63.4 52.2 78.2



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: 125.23 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF097873.D

Acq: 19 Aug 2017 12:39

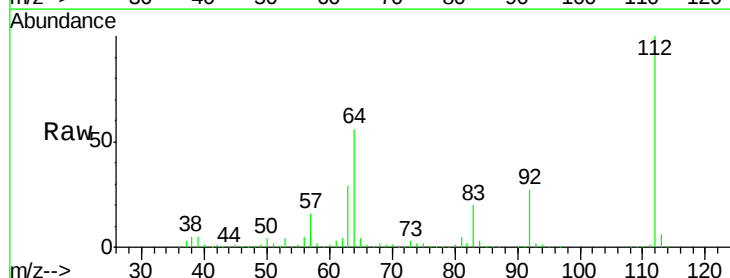
Tgt Ion:112 Resp: 1200714

Ion Ratio Lower Upper

112 100

64 56.4 46.0 69.0

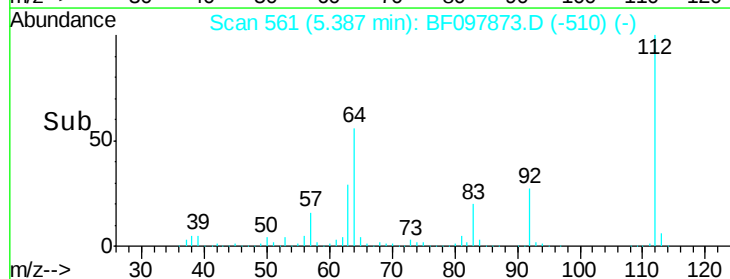
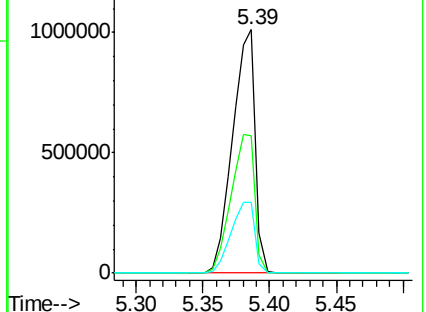
63 29.2 23.4 35.0

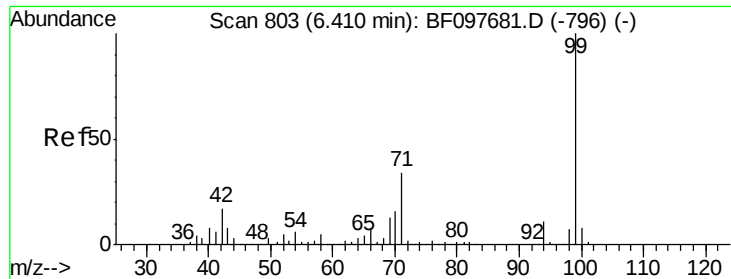


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.36 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

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Acq: 19 Aug 2017 12:39

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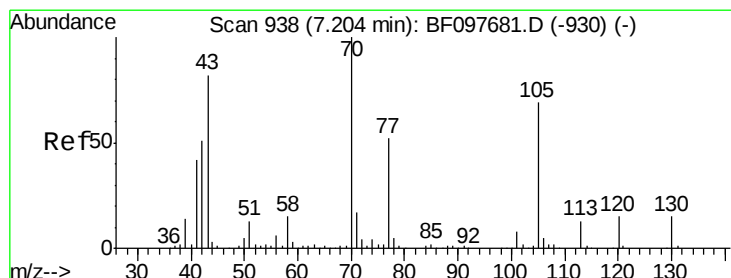
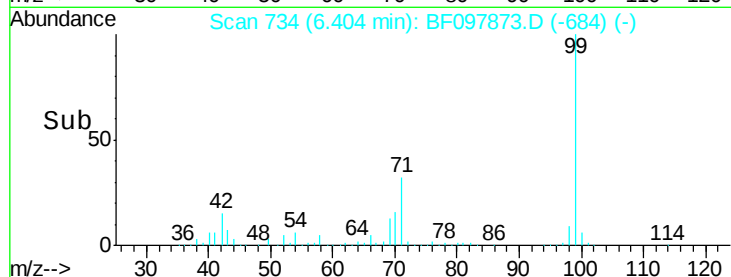
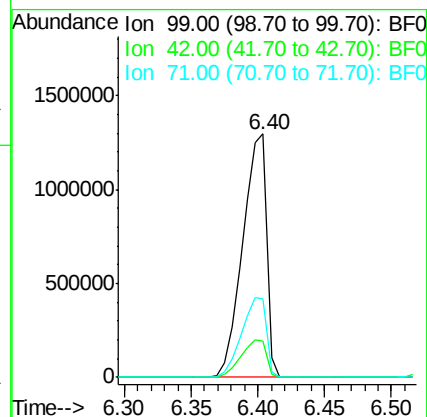
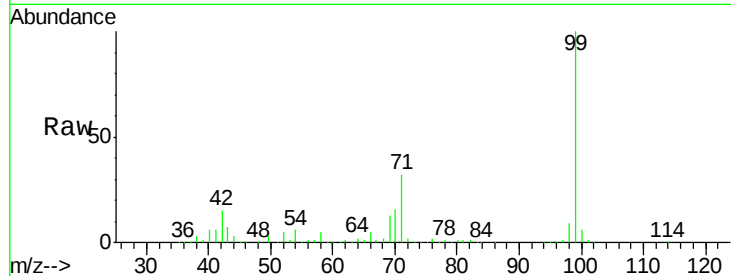
Tot Ion: 99 Resp: 1607104

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

71 32.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.63 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.12 min

Lab File: BF097873.D

Acq: 19 Aug 2017 12:39

Tgt Ion: 70 Resp: 139395

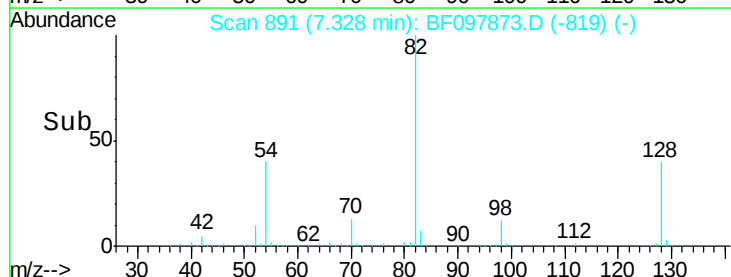
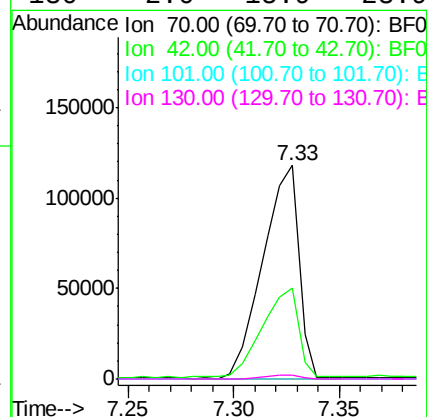
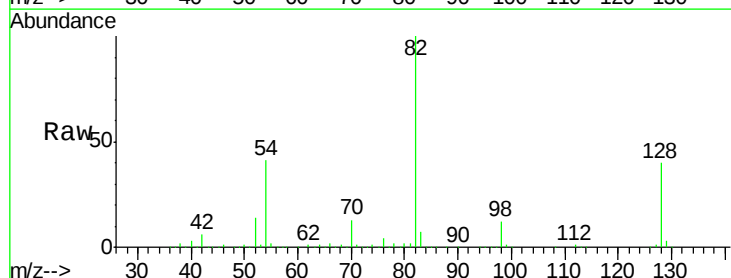
Ion Ratio Lower Upper

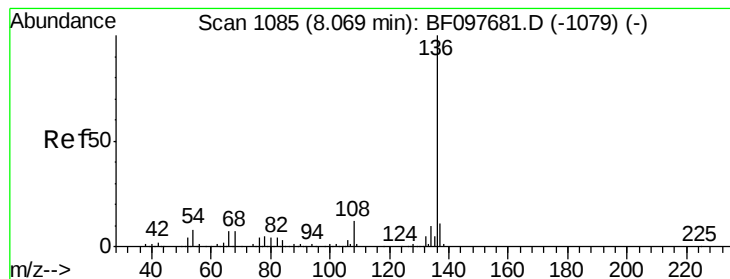
70 100

42 42.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF097873.D

Acq: 19 Aug 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101621BL

Tot Ion:136 Resp: 595499

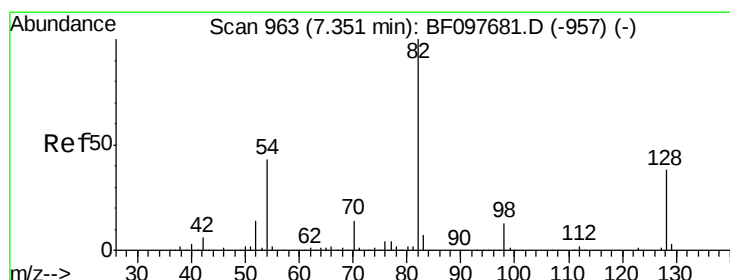
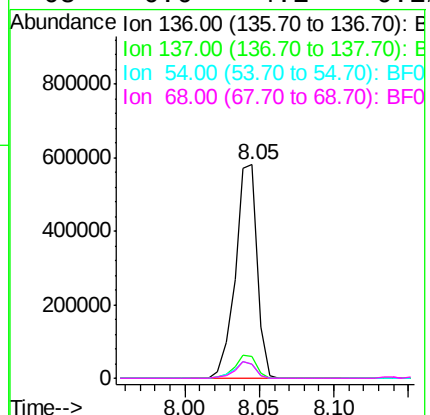
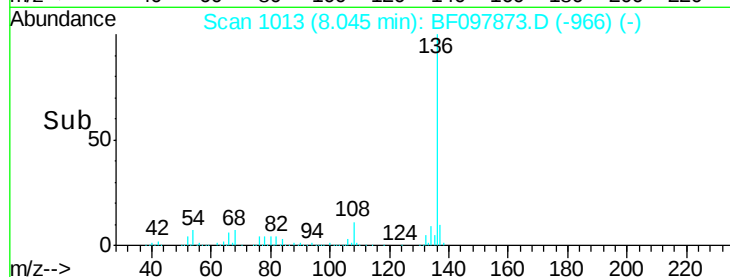
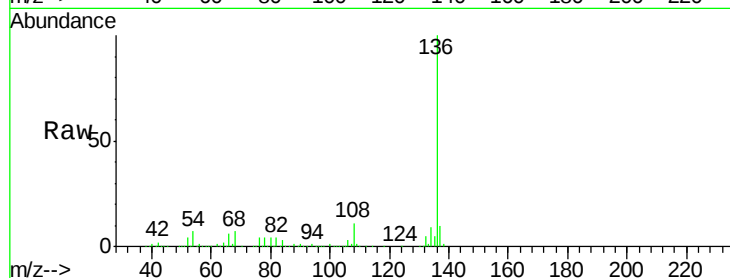
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.9 4.9 7.3

68 6.6 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 95.57 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF097873.D

Acq: 19 Aug 2017 12:39

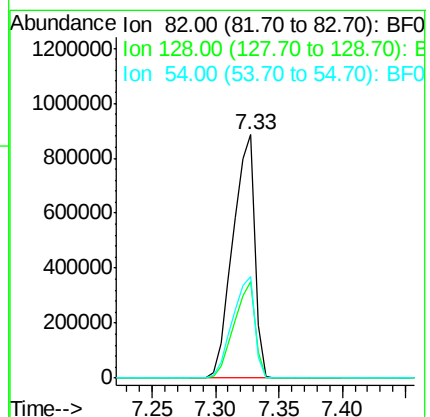
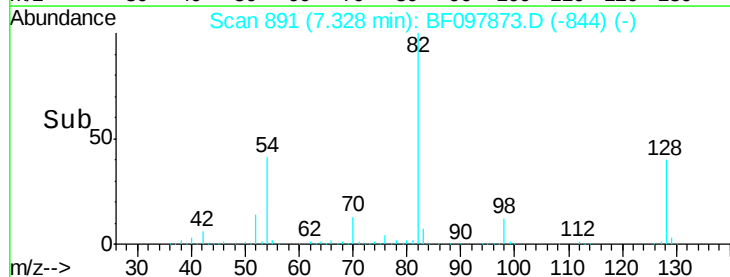
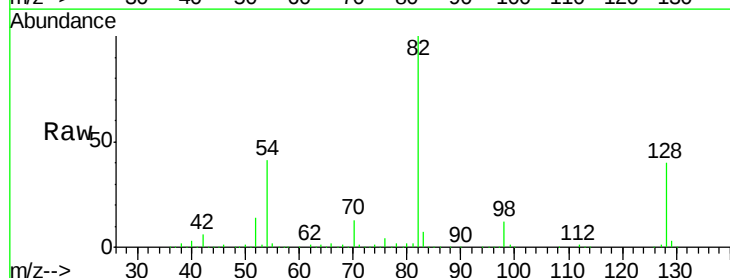
Tgt Ion: 82 Resp: 1047675

Ion Ratio Lower Upper

82 100

128 39.8 34.0 51.0

54 41.4 42.2 63.2#





#25

Isophorone

Concen: 45.57 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.28 min

Lab File: BF097873.D

Acq: 19 Aug 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101621BL

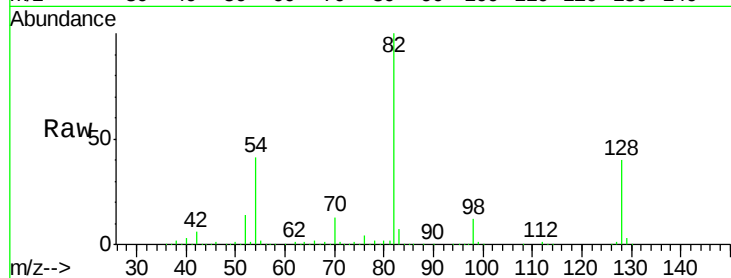
Tot Ion: 82 Resp: 1038671

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

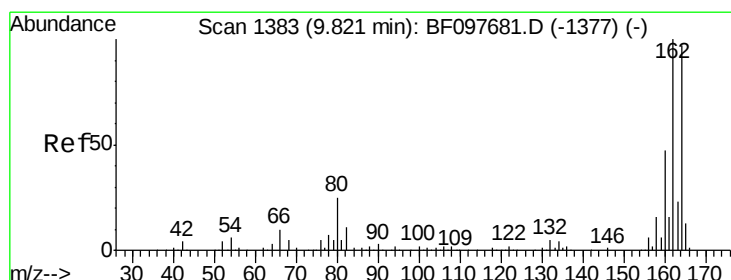
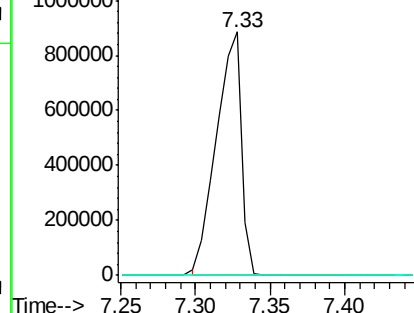
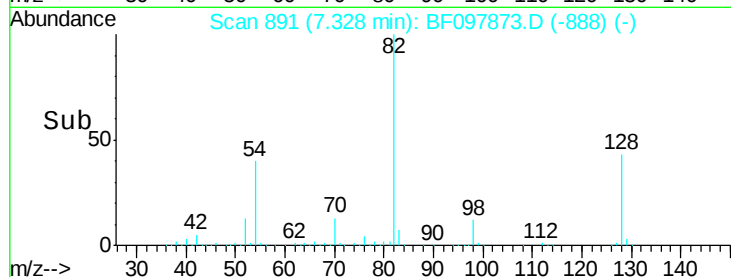
138 0.0 13.1 19.7#



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: 9.79 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF097873.D

Acq: 19 Aug 2017 12:39

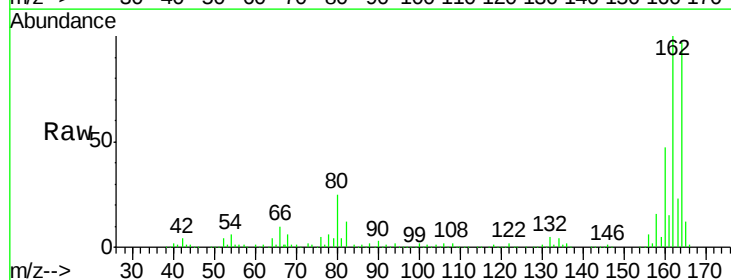
Tgt Ion: 164 Resp: 283392

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

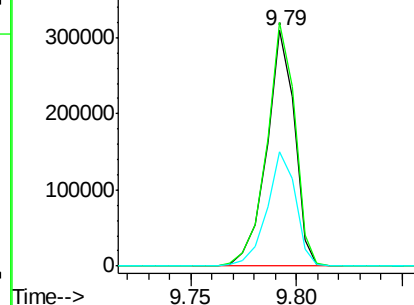
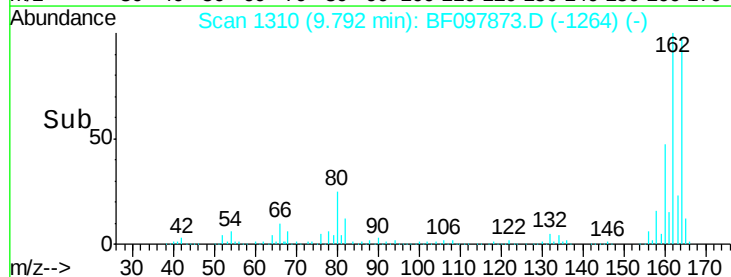
160 48.5 36.2 54.2

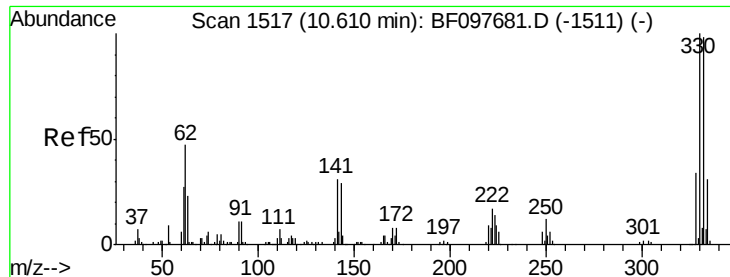


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

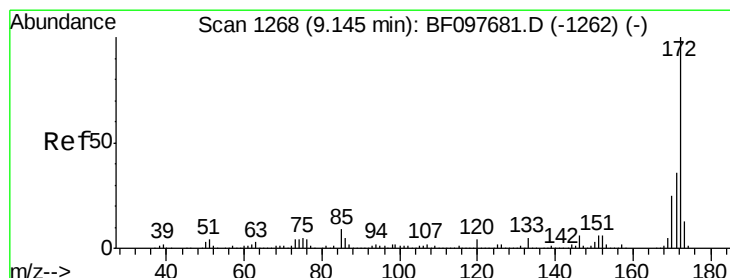
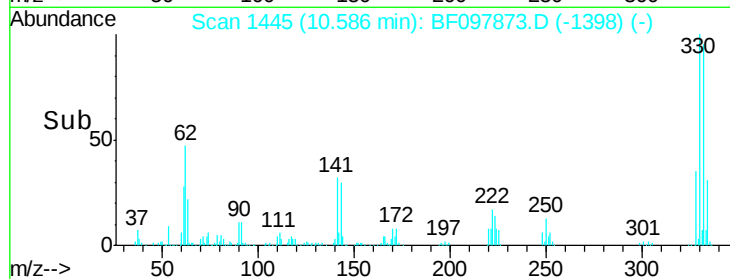
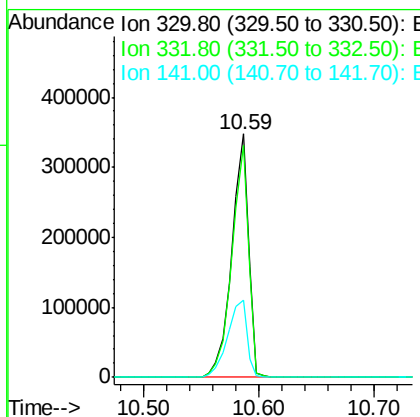
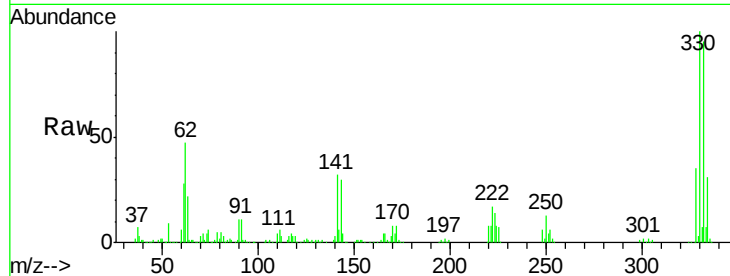




#41
 2,4,6-Tribromophenol
 Concen: 142.93 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF097873.D
 Acq: 19 Aug 2017 12:39

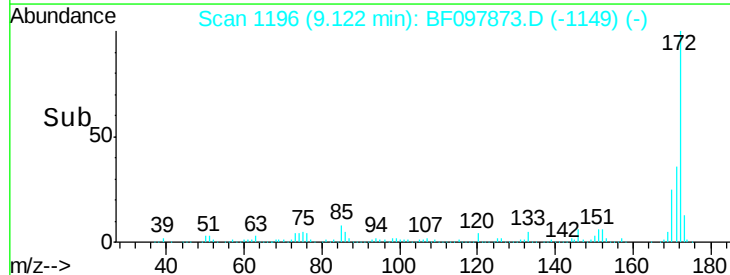
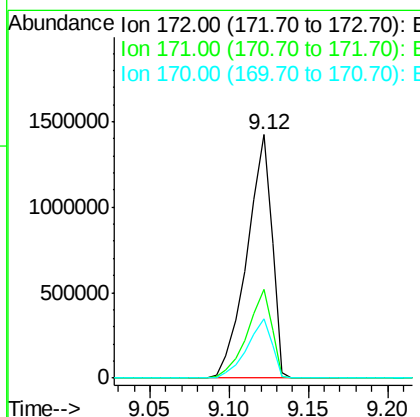
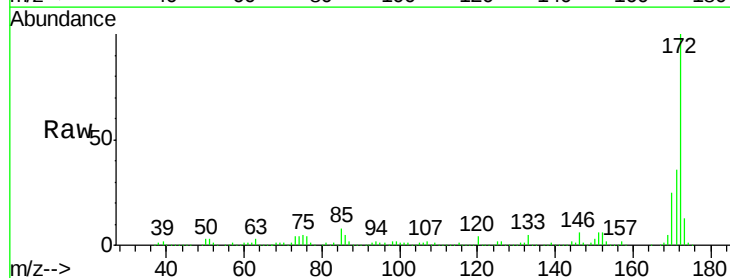
Instrument :
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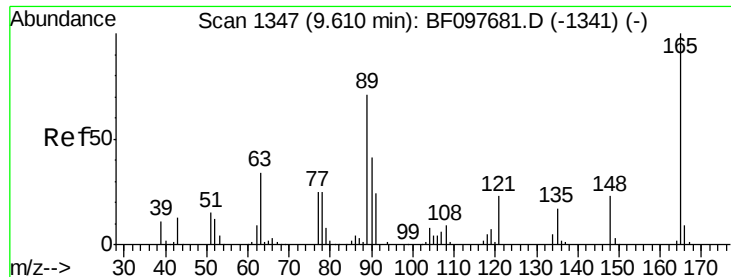
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	36.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.49 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF097873.D
 Acq: 19 Aug 2017 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8

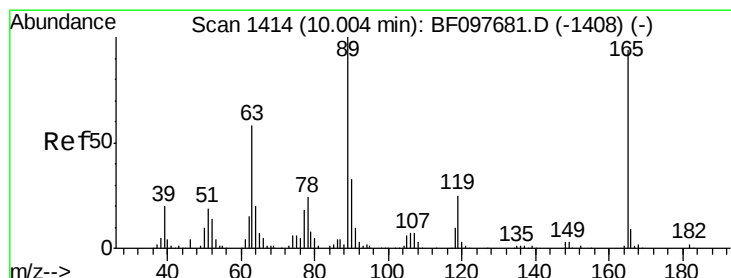
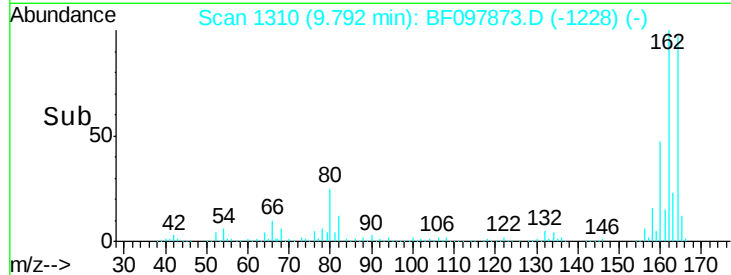
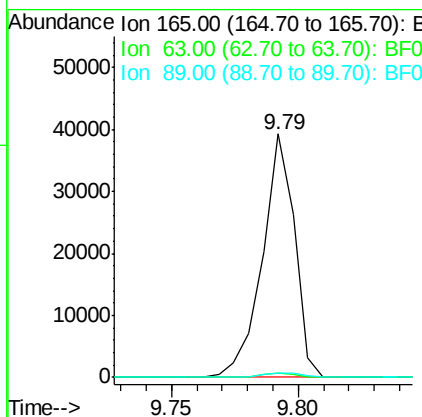
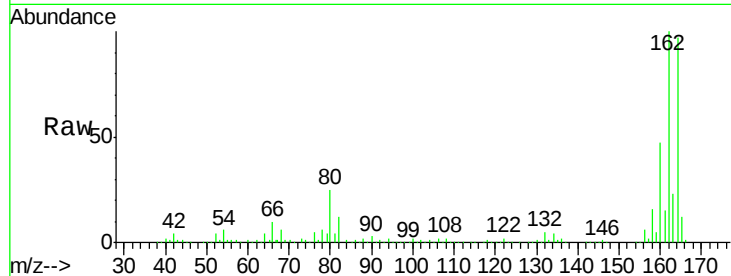




#50
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.18 min
 Lab File: BF097873.D
 Acq: 19 Aug 2017 12:39

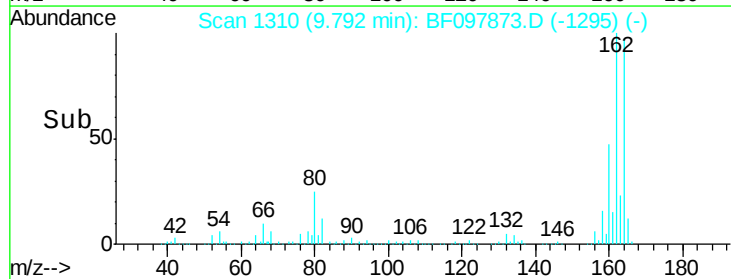
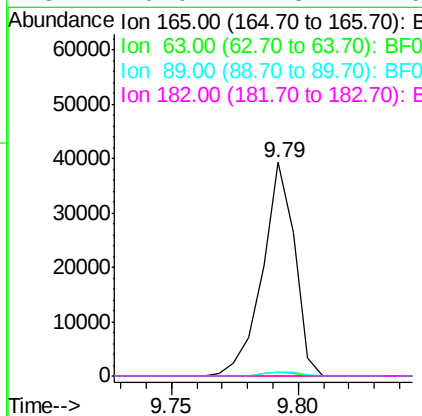
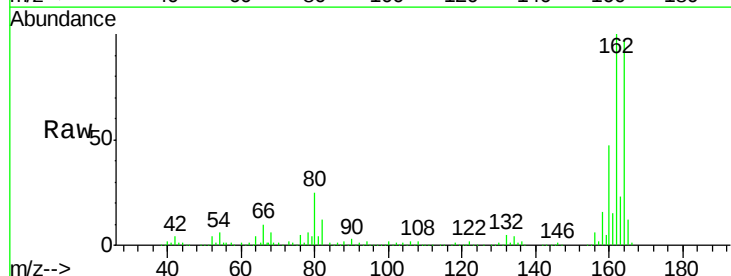
Instrument :
 BNA_F
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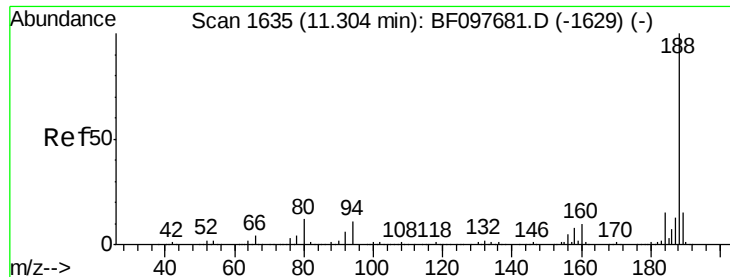
Tot Ion:165	Resp:	34978
Ion Ratio	Lower	Upper
165	100	
63	1.9	34.3 51.5#
89	2.0	37.1 55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.21 min
 Lab File: BF097873.D
 Acq: 19 Aug 2017 12:39

Tgt Ion:165	Resp:	34978
Ion Ratio	Lower	Upper
165	100	
63	1.9	25.4 38.0#
89	2.0	46.4 69.6#
182	0.0	1.8 2.6#

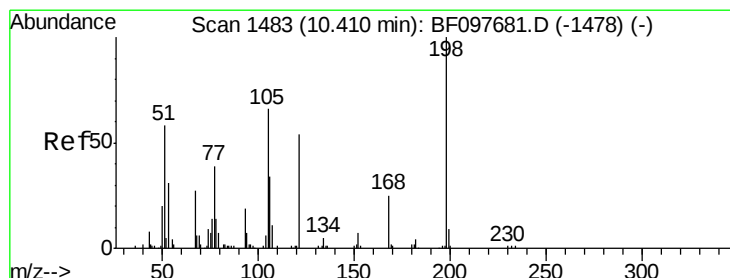
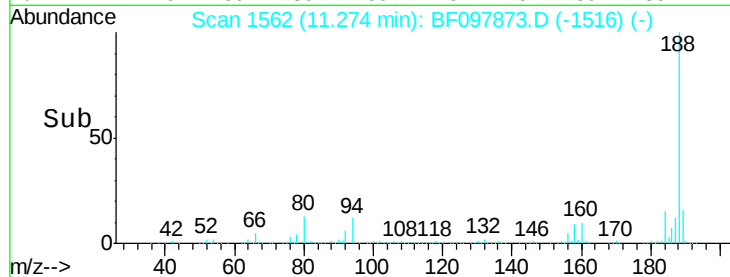
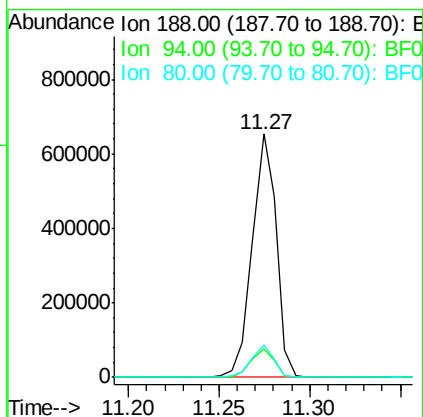
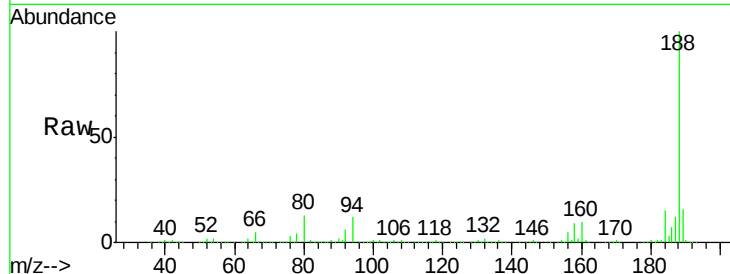




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097873.D
Acq: 19 Aug 2017 12:39

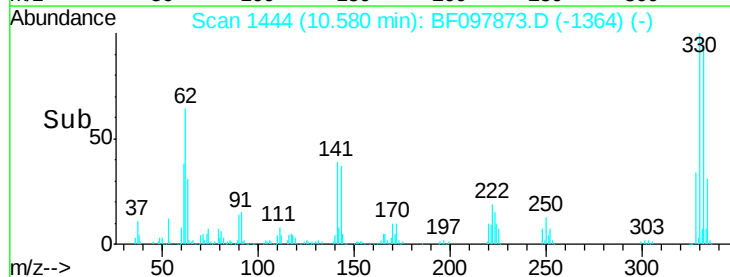
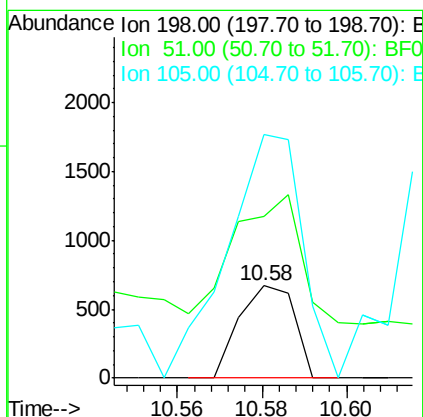
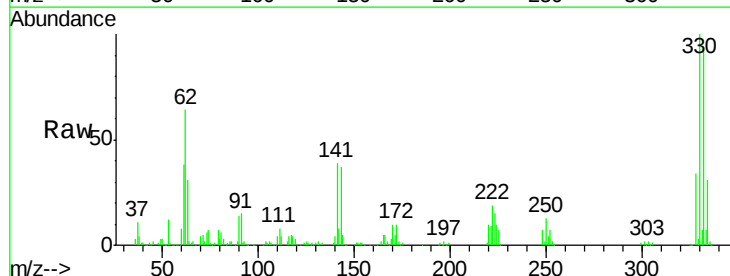
Instrument :
BNA_F
ClientSampleId :
PB101621BL

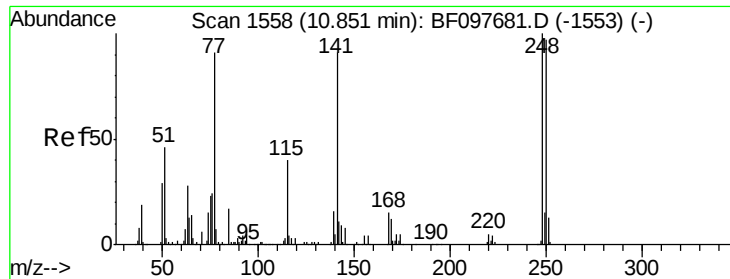
Tot Ion:188 Resp: 601308
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.50 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.17 min
Lab File: BF097873.D
Acq: 19 Aug 2017 12:39

Tgt Ion:198 Resp: 609
Ion Ratio Lower Upper
198 100
51 175.9 53.2 93.2#
105 264.7 45.8 85.8#

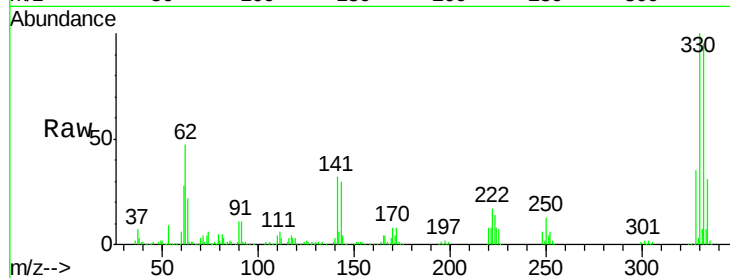




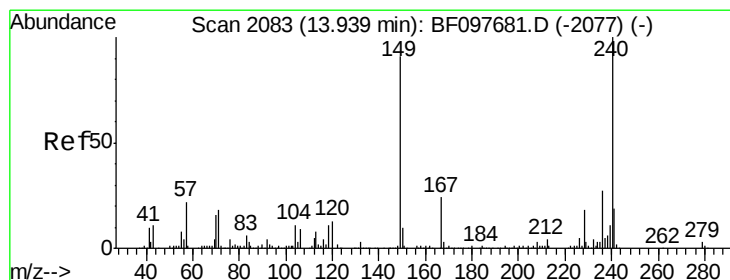
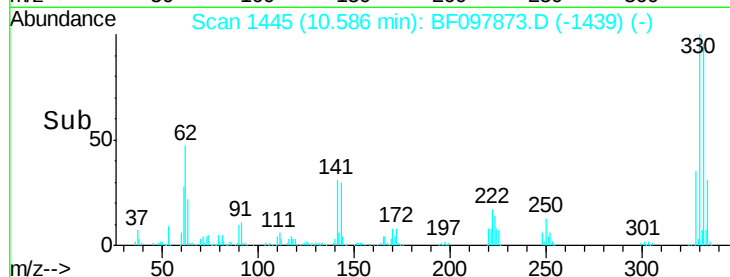
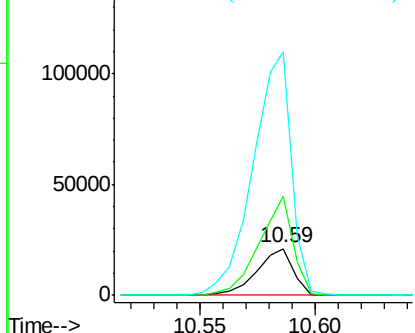
#66
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.26 min
Lab File: BF097873.D
Acq: 19 Aug 2017 12:39

Instrument :
BNA_F
ClientSampled :
PB101621BL

Tot Ion:248 Resp: 22935
Ion Ratio Lower Upper
248 100
250 210.7 76.8 115.2#
141 519.8 68.6 103.0#

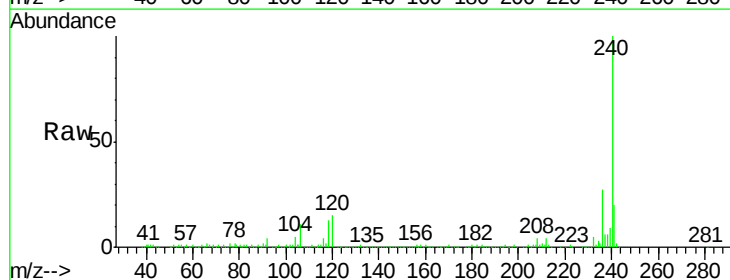


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

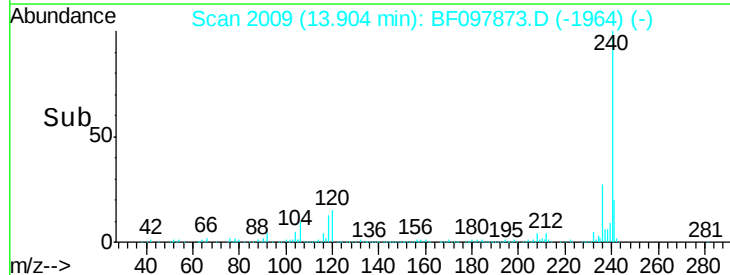
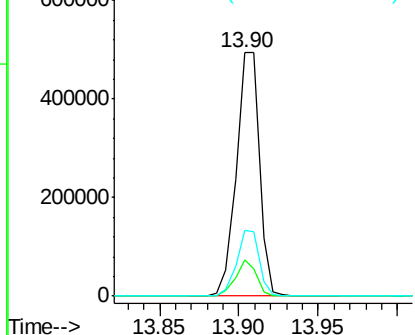


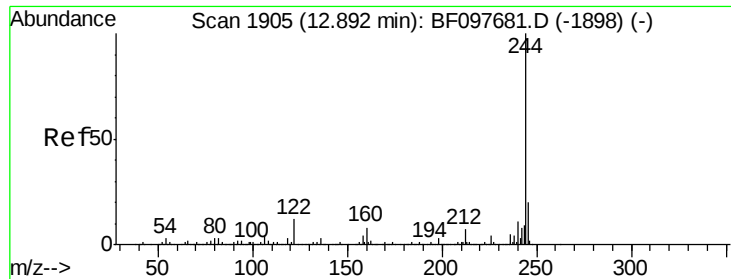
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF097873.D
Acq: 19 Aug 2017 12:39

Tgt Ion:240 Resp: 501523
Ion Ratio Lower Upper
240 100
120 14.6 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

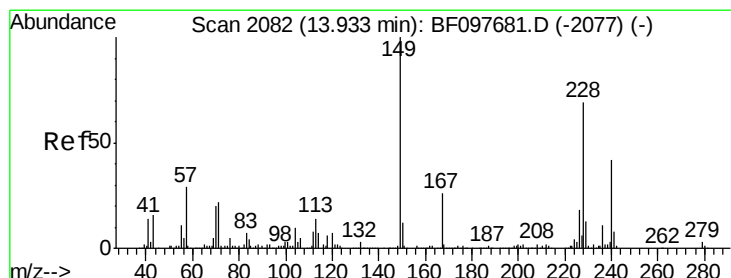
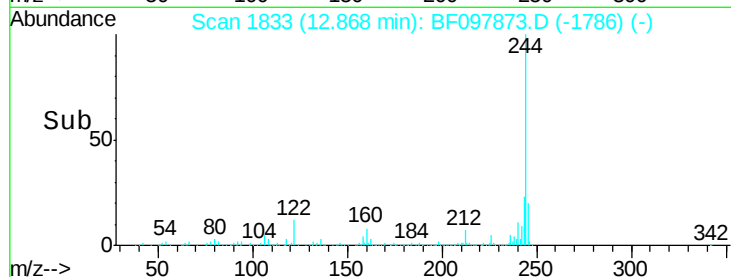
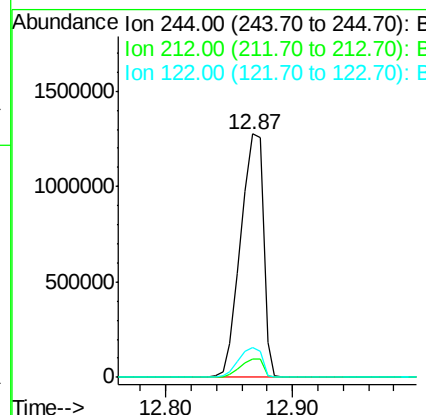
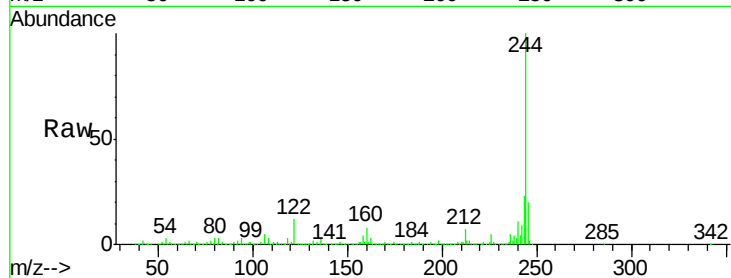




#78
 Terphenyl-d14
 Concen: 65.62 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BF097873.D
 Acq: 19 Aug 2017 12:39

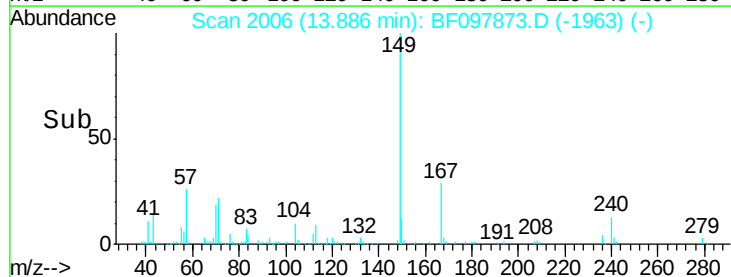
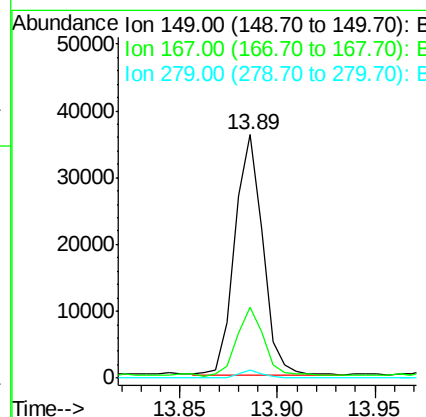
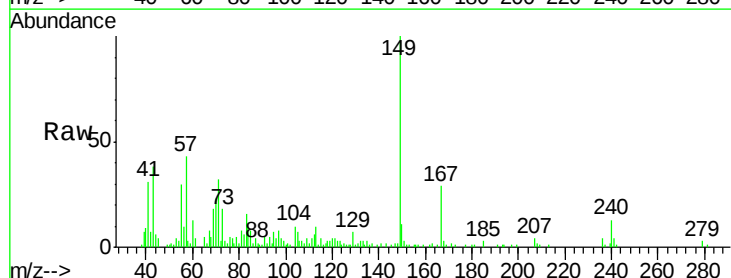
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BL

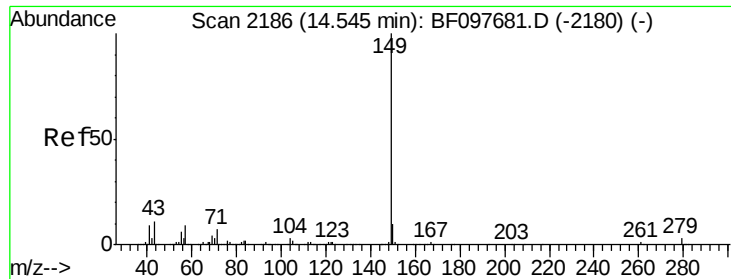
Tot Ion:244 Resp: 1578091
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.5 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.04 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.05 min
 Lab File: BF097873.D
 Acq: 19 Aug 2017 12:39

Tgt Ion:149 Resp: 35488
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.0 31.4
 279 3.1 1.9 2.9#

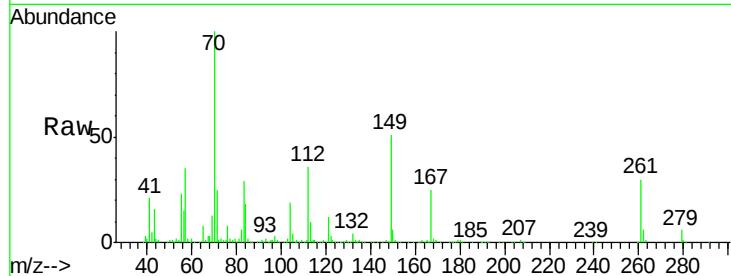




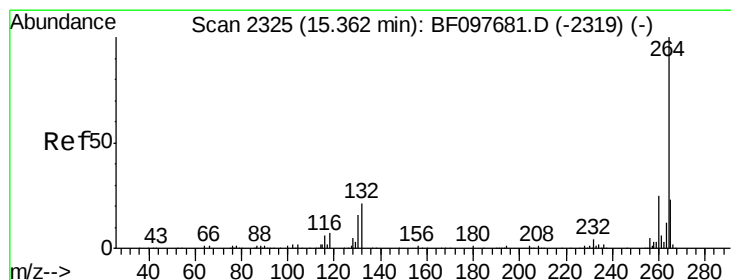
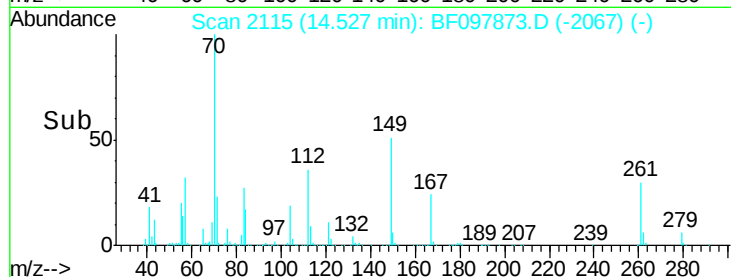
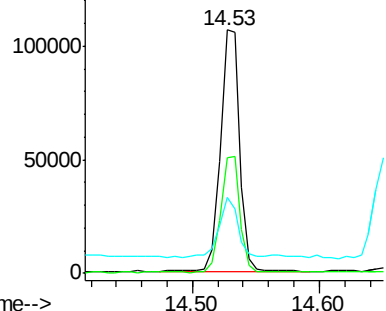
#84
Di-n-octyl phthalate
Concen: 3.70 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BF097873.D
Acq: 19 Aug 2017 12:39

Instrument :
BNA_F
ClientSampled :
PB101621BL

Tot Ion	Ratio	Lower	Upper
149	100		
167	47.6	1.2	1.8#
43	25.3	8.5	12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BF097873.D
Acq: 19 Aug 2017 12:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.7	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

