

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097897.D
 Acq On : 21 Aug 2017 10:55
 Operator : SJ/JU
 Sample : PB101660BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101660BL

Quant Time: Aug 22 01:05:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

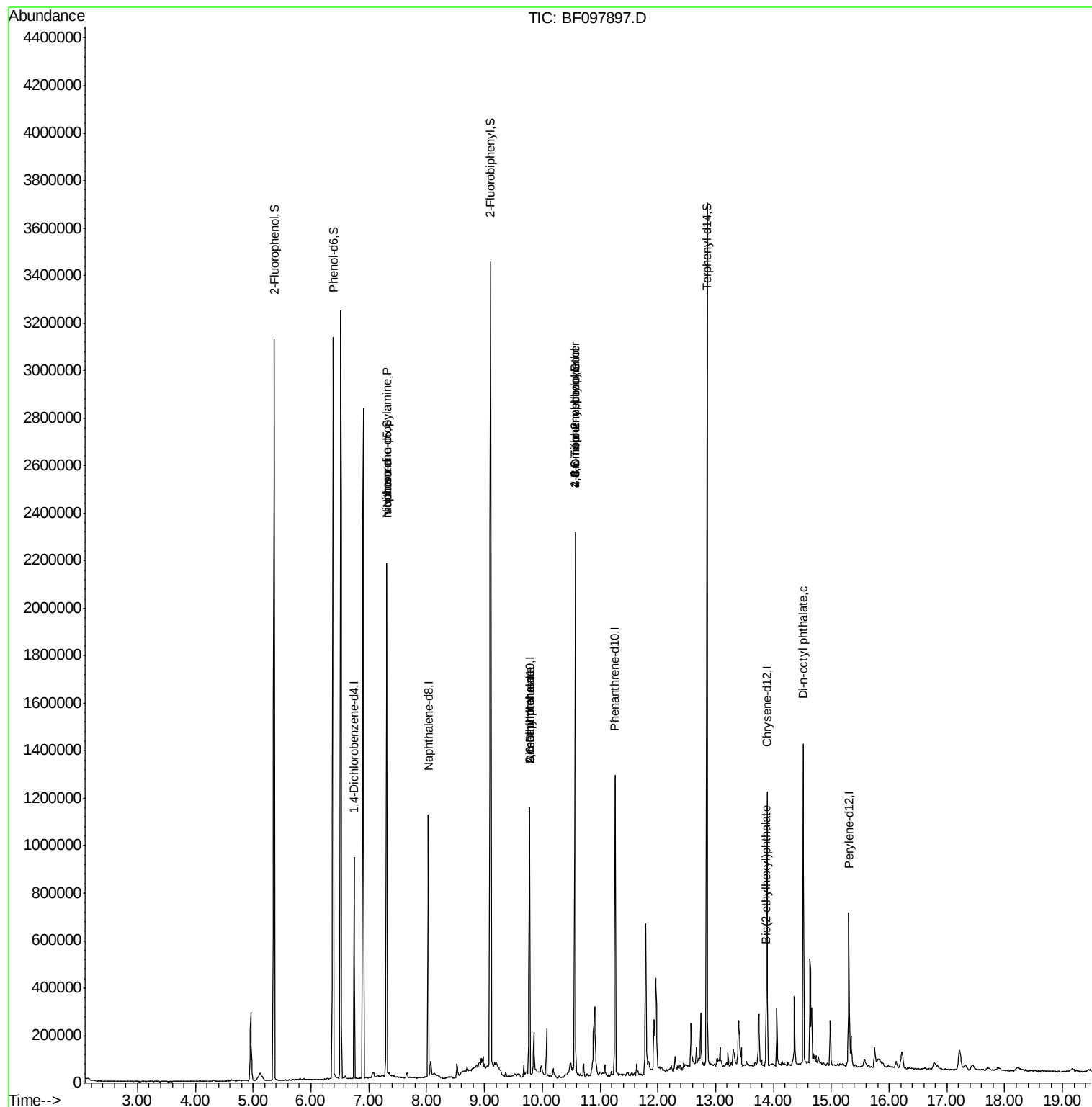
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	116847	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	471171	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	219936	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	458210	20.00	ng	0.00
75) Chrysene-d12	13.89	240	397480	20.00	ng	-0.01
86) Perylene-d12	15.30	264	285298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1005568	130.90	ng	0.01
7) Phenol-d6	6.39	99	1322587	126.72	ng	0.00
23) Nitrobenzene-d5	7.31	82	839573	96.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	281642	147.59	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1282481	85.67	ng	0.00
78) Terphenyl-d14	12.85	244	1262200	66.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	114869	16.08	ng	# 74
25) Isophorone	7.31	82	830319	46.04	ng	# 67
49) Dimethylphthalate	9.78	163	62925	3.91	ng	# 1
50) 2,6-Dinitrotoluene	9.78	165	28101	8.76	ng	# 35
64) 4,6-Dinitro-2-methylphenol	10.57	198	633	8.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	18355	3.86	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	68230	4.94	ng	98
84) Di-n-octyl phthalate	14.52	149	117894	4.91	ng	# 54

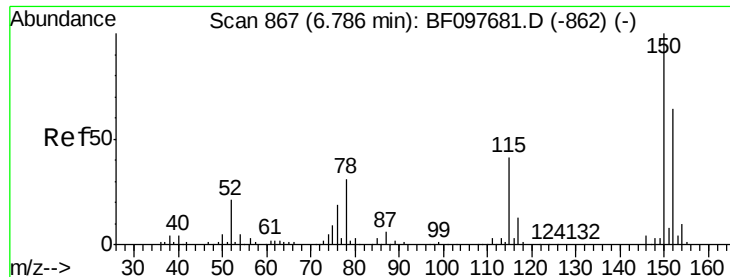
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

Instrument :

BNA_F

ClientSampleId :

PB101660BL

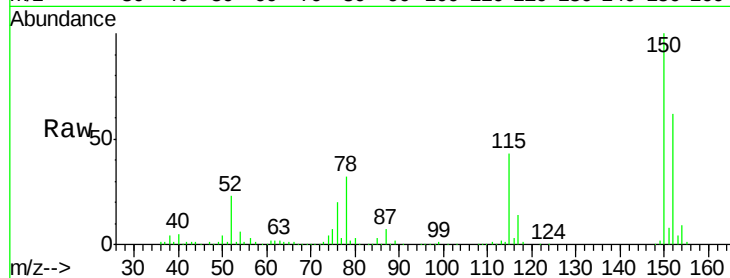
Tot Ion:152 Resp: 116847

Ion Ratio Lower Upper

152 100

150 161.6 126.2 189.2

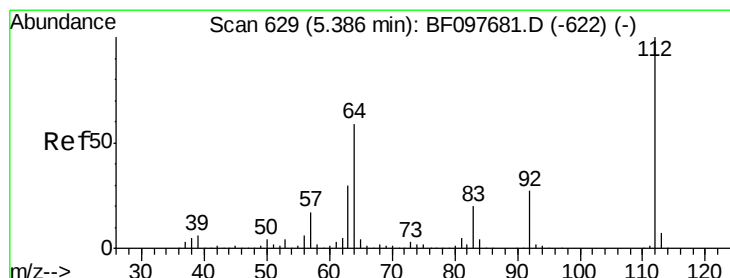
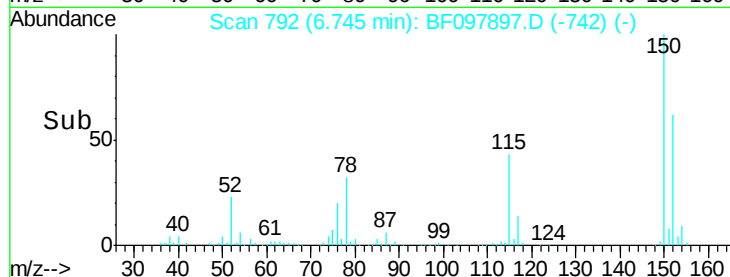
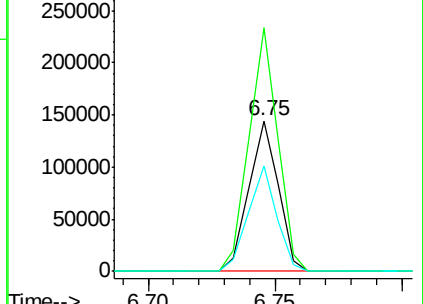
115 70.2 52.2 78.2



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: 130.90 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

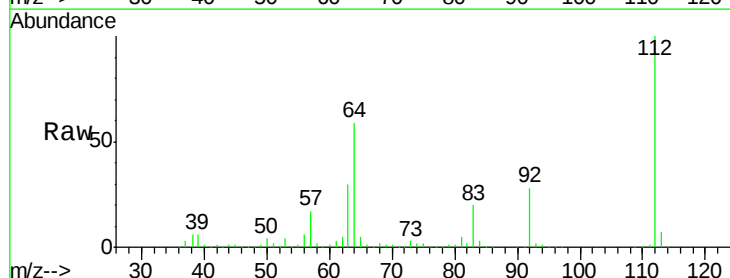
Tgt Ion:112 Resp: 1005568

Ion Ratio Lower Upper

112 100

64 59.3 46.0 69.0

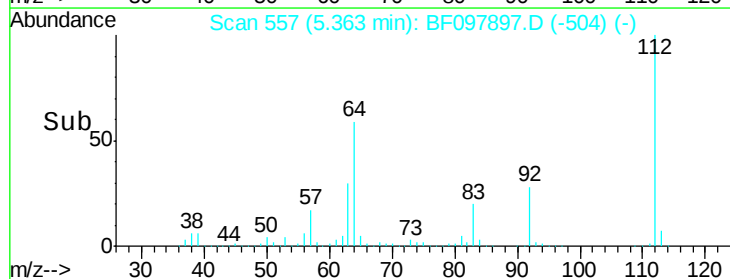
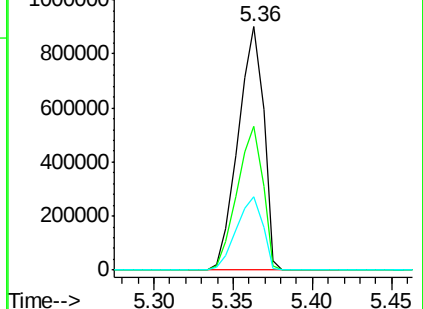
63 30.4 23.4 35.0

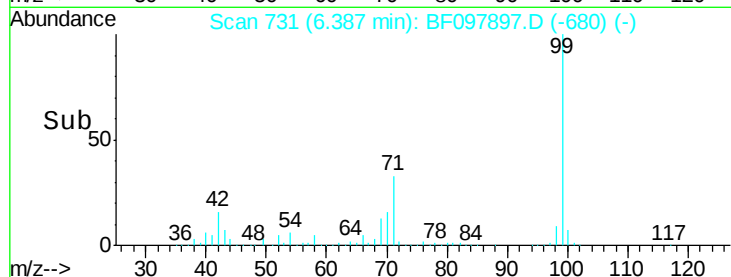
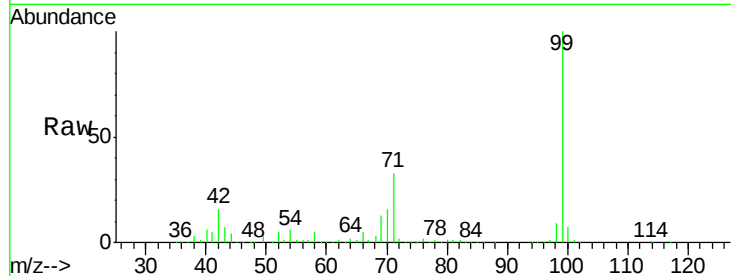
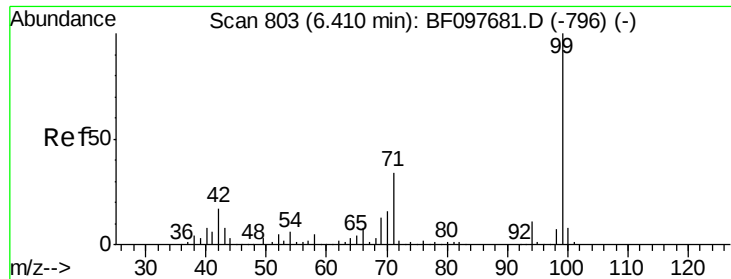


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.72 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

Instrument :

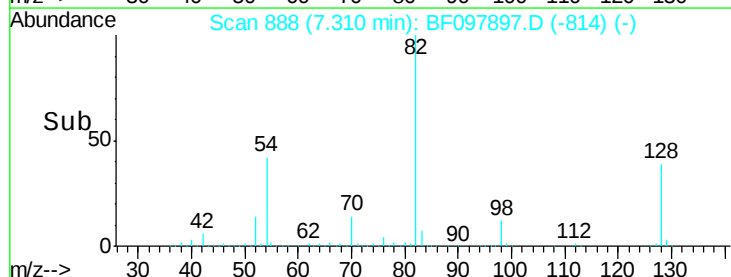
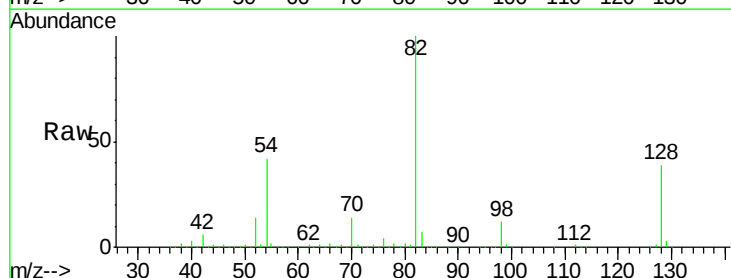
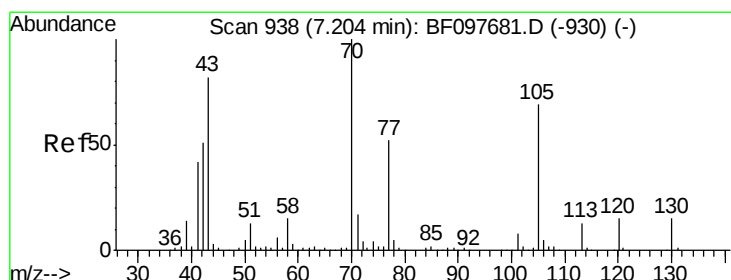
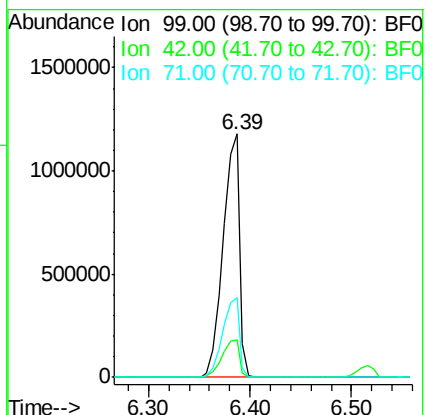
BNA_F

ClientSampleId :

PB101660BL

Tot Ion: 99 Resp: 1322587

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	32.8	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.08 ng

RT: 7.31 min Scan# 888

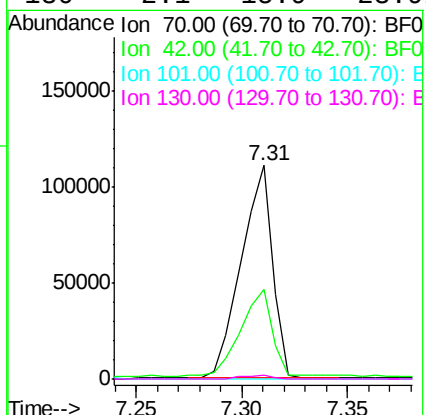
Delta R.T. 0.14 min

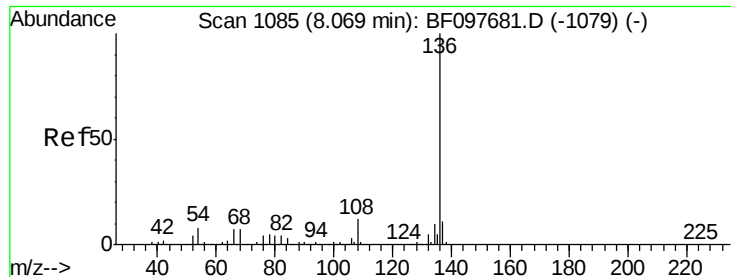
Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

Tgt Ion: 70 Resp: 114869

Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

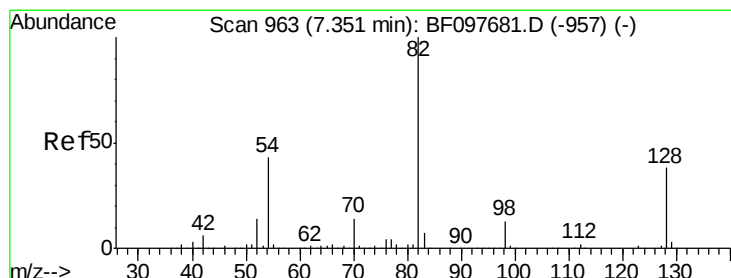
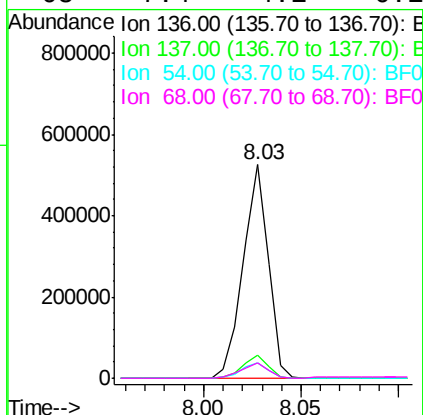
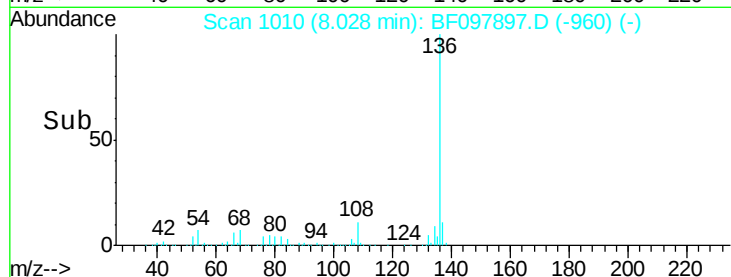
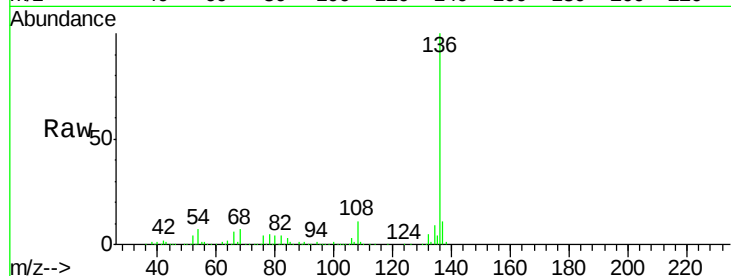




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF097897.D
Acq: 21 Aug 2017 10:55

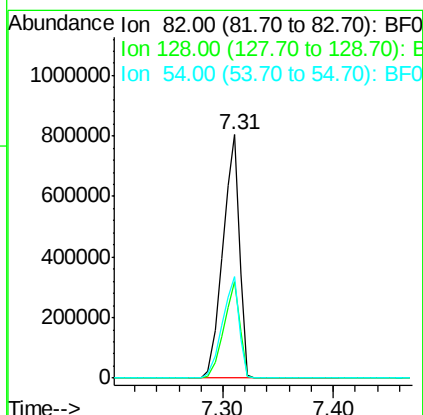
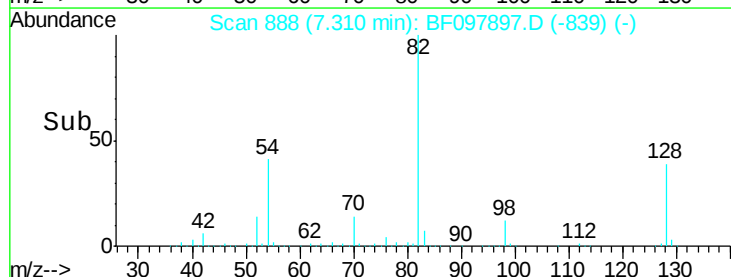
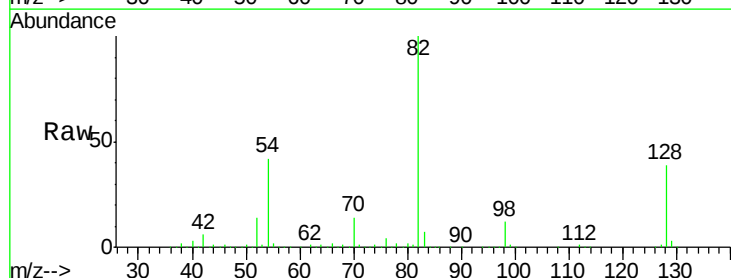
Instrument :
BNA_F
ClientSampleId :
PB101660BL

Tot Ion:136	Resp:	471171
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.5	4.9 7.3#
68	7.4	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 96.80 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097897.D
Acq: 21 Aug 2017 10:55

Tgt Ion: 82	Resp:	839573
Ion Ratio	Lower	Upper
82	100	
128	39.3	34.0 51.0
54	41.5	42.2 63.2#





#25

Isophorone

Concen: 46.04 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

Instrument :

BNA_F

ClientSampleId :

PB101660BL

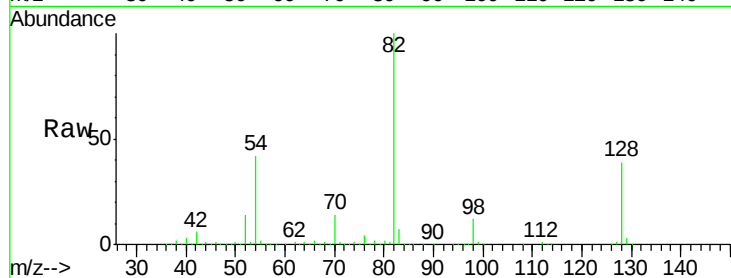
Tot Ion: 82 Resp: 830319

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

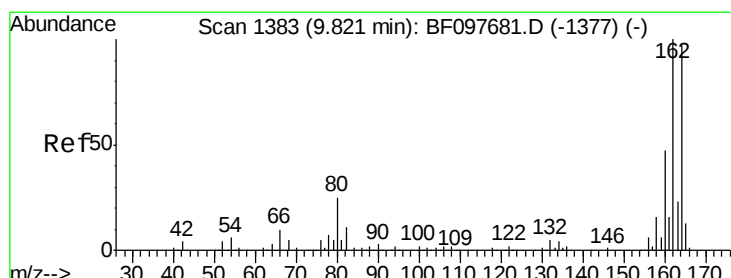
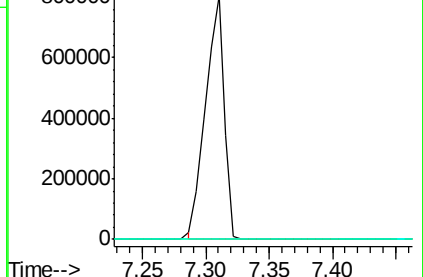
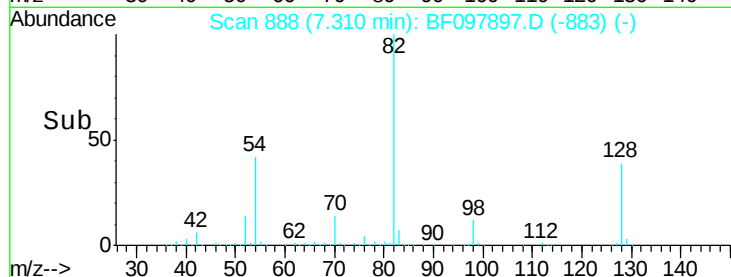
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF097897.D (-883) (-)

Ion 95.00 (94.70 to 95.70): BF097897.D (-883) (-)

Ion 138.00 (137.70 to 138.70): BF097897.D (-883) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

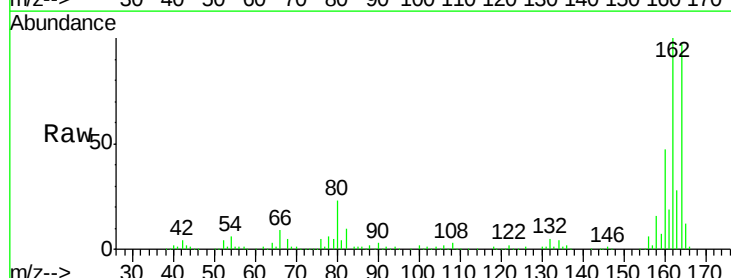
Tgt Ion: 164 Resp: 219936

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

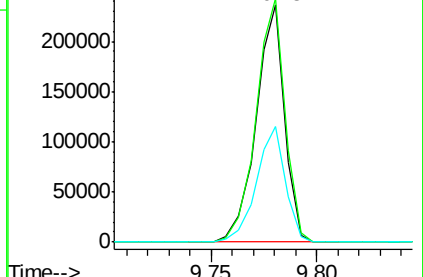
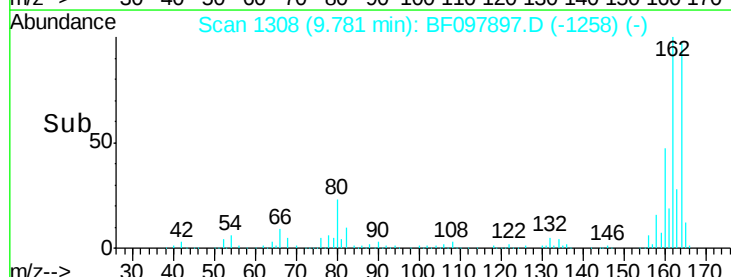
160 48.6 36.2 54.2

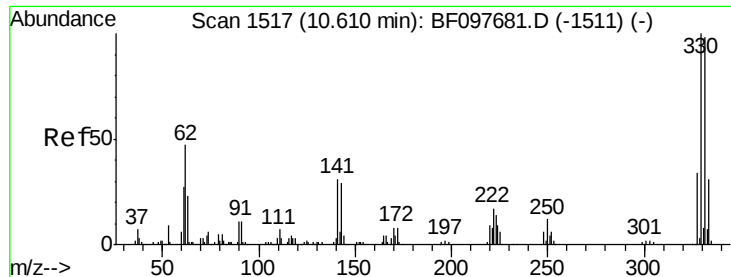


Abundance Ion 164.00 (163.70 to 164.70): BF097897.D (-1308) (-)

Ion 162.00 (161.70 to 162.70): BF097897.D (-1308) (-)

Ion 160.00 (159.70 to 160.70): BF097897.D (-1308) (-)





#41

2,4,6-Tribromophenol

Concen: 147.59 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

Instrument :

BNA_F

ClientSampleId :

PB101660BL

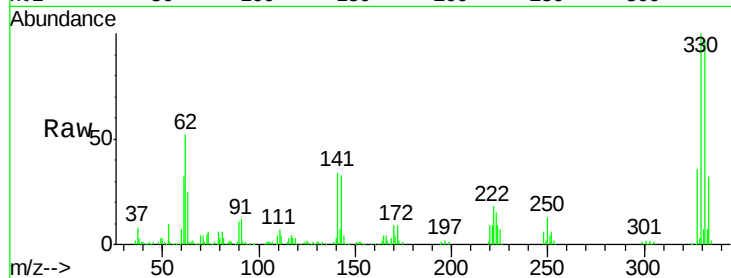
Tot Ion:330 Resp: 281642

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

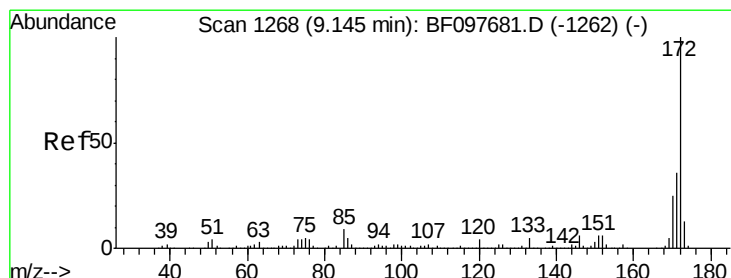
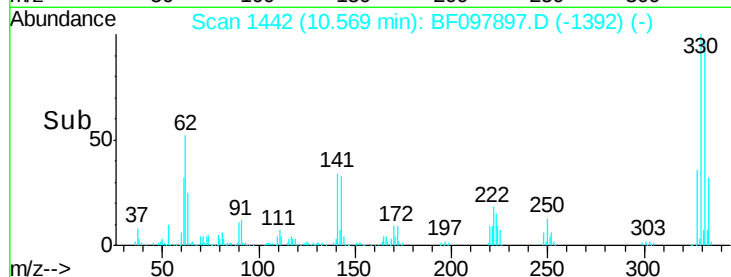
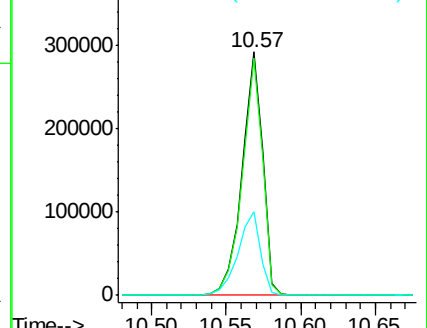
141 37.5 31.4 47.2



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: 85.67 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

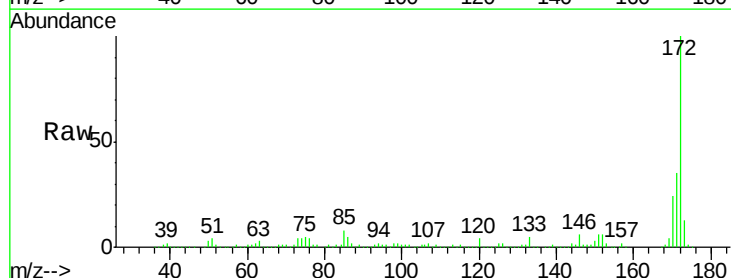
Tgt Ion:172 Resp: 1282481

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

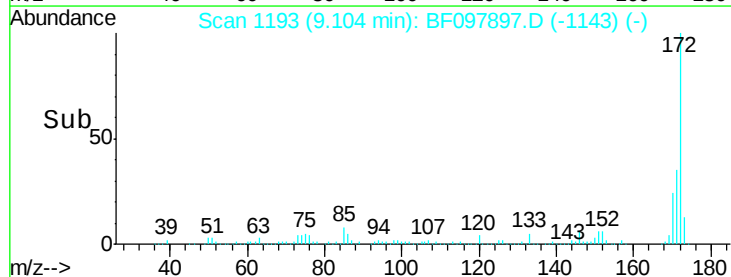
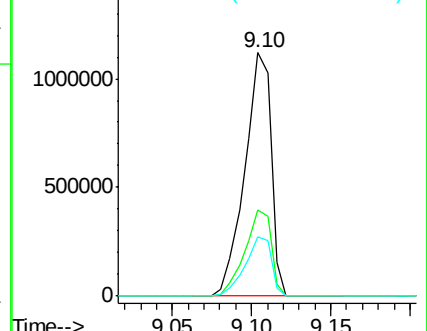
170 24.4 19.8 29.8

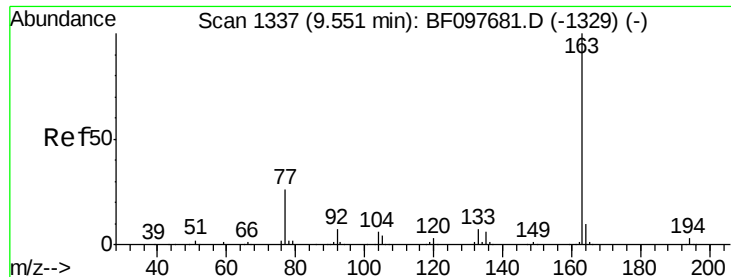


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.91 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.26 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

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BNA_F

ClientSampleId :

PB101660BL

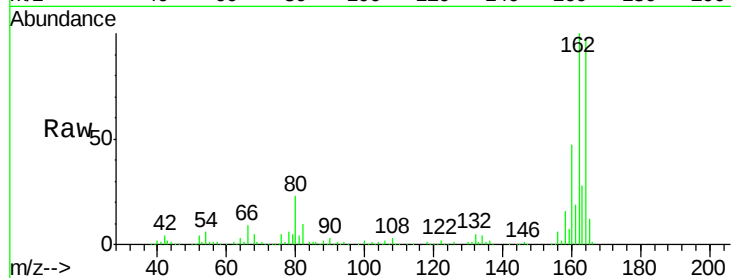
Tot Ion:163 Resp: 62925

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

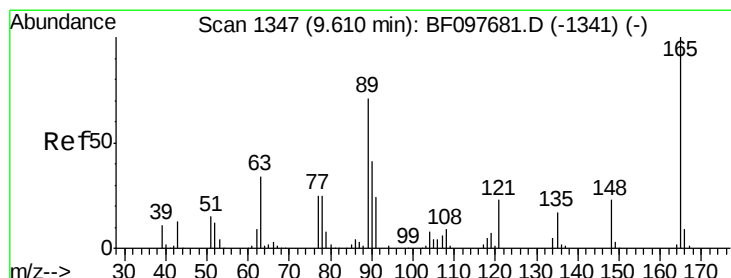
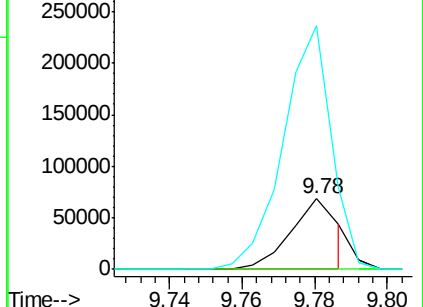
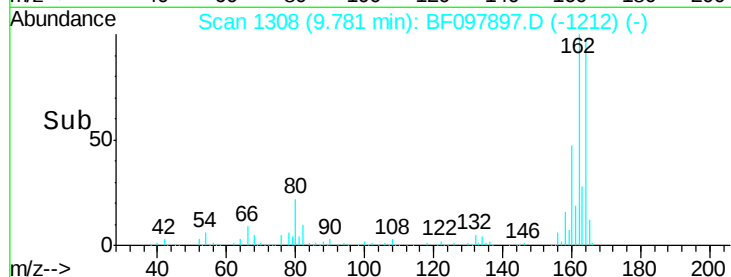
164 344.2 8.4 12.6#



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: 8.76 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.21 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

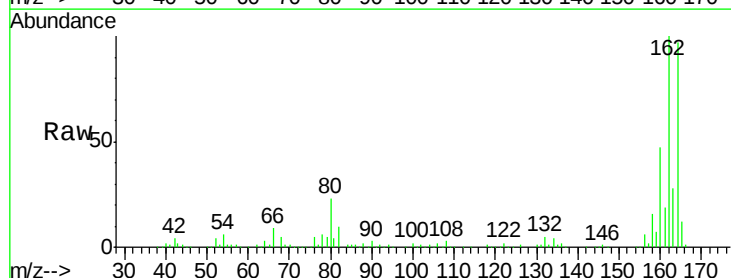
Tgt Ion:165 Resp: 28101

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

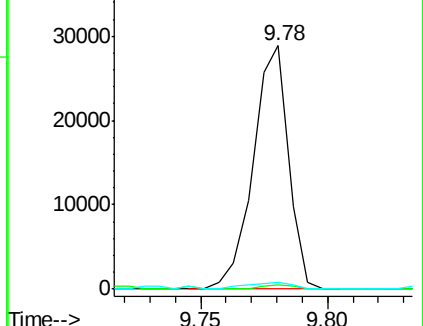
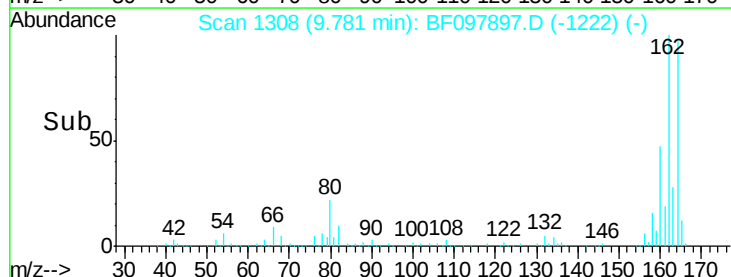
89 2.5 37.1 55.7#

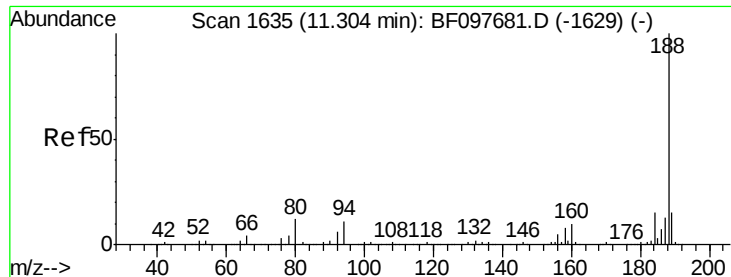


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

Instrument :

BNA_F

ClientSampleId :

PB101660BL

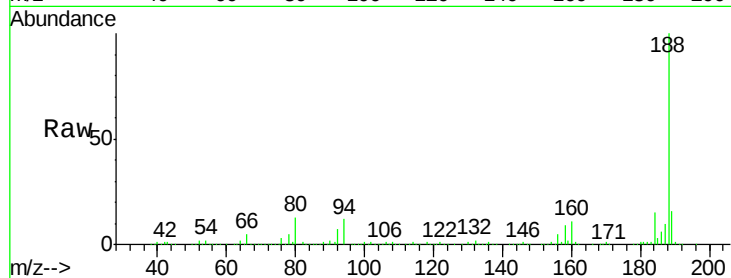
Tot Ion:188 Resp: 458210

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

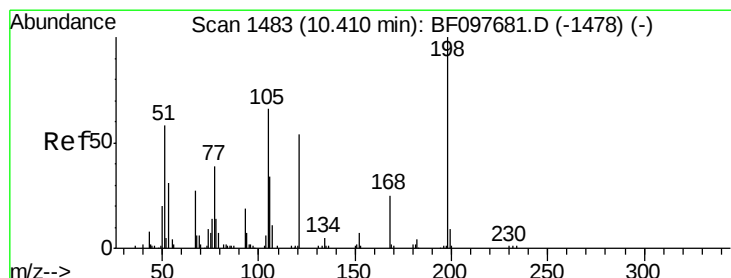
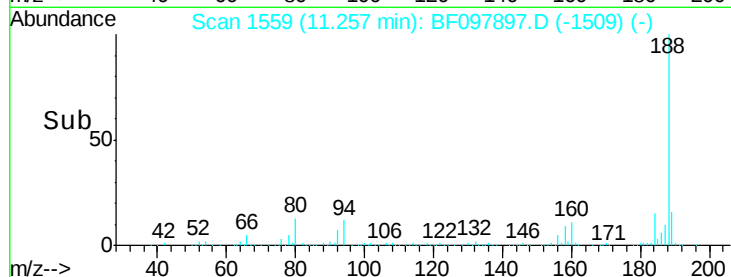
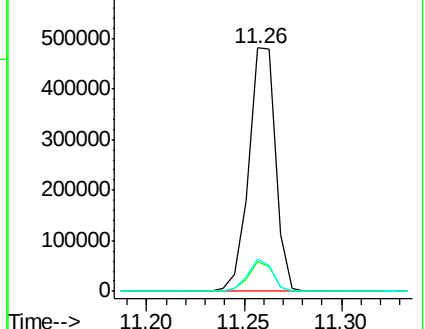
80 13.4 10.2 15.2



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: 8.56 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.19 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

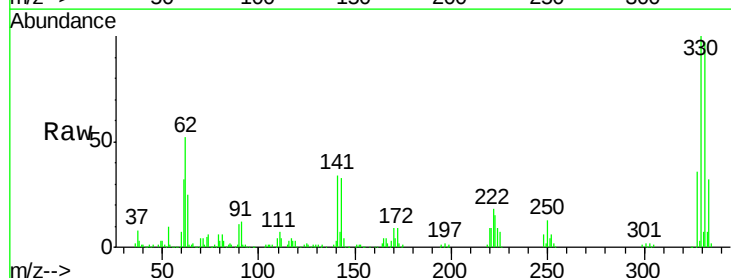
Tgt Ion:198 Resp: 633

Ion Ratio Lower Upper

198 100

51 212.2 53.2 93.2#

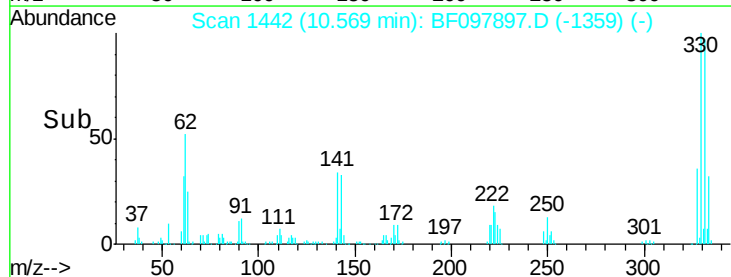
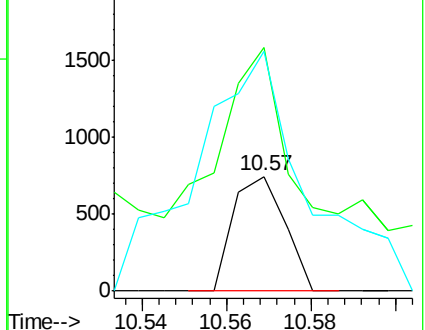
105 209.0 45.8 85.8#

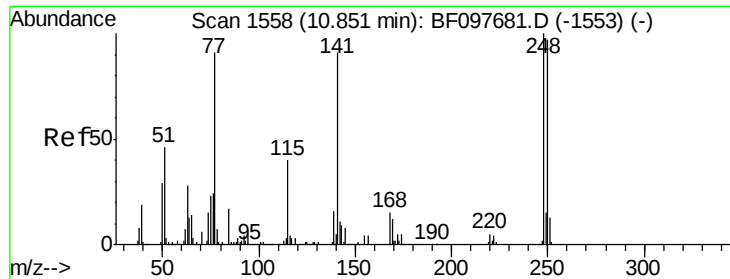


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

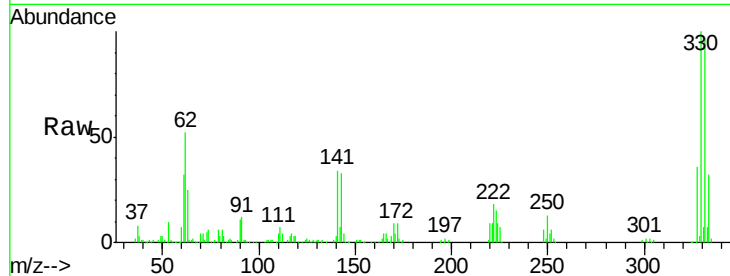




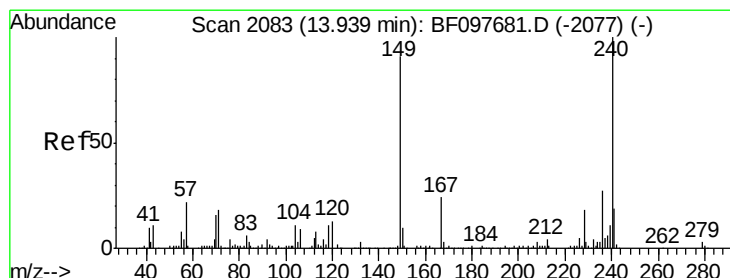
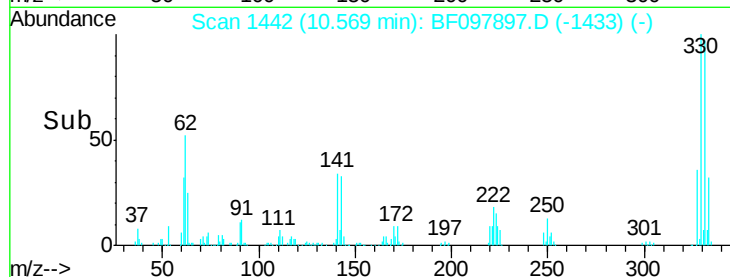
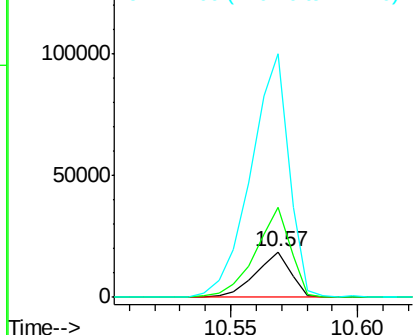
#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097897.D
 Acq: 21 Aug 2017 10:55

Instrument :
 BNA_F
 ClientSampleId :
 PB101660BL

Tot Ion:248 Resp: 18355
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.8 115.2#
 141 533.7 68.6 103.0#

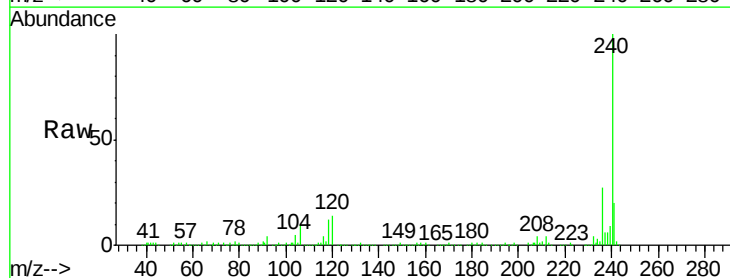


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

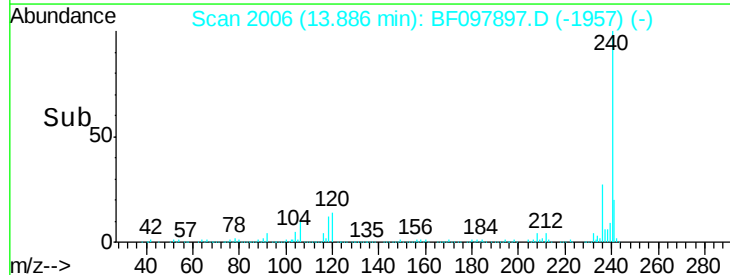
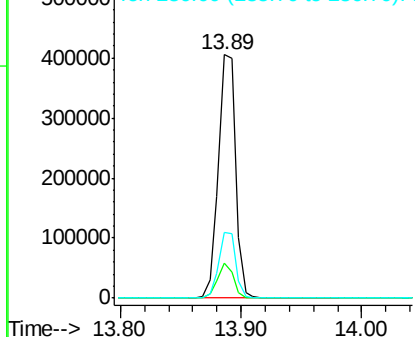


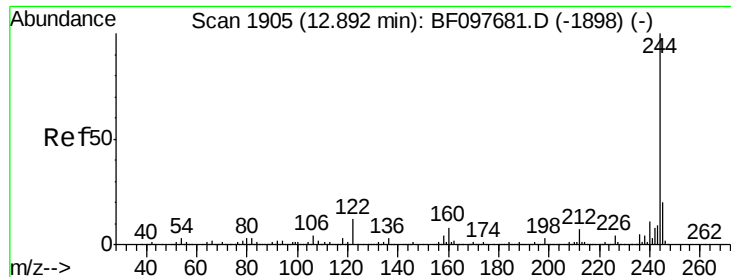
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF097897.D
 Acq: 21 Aug 2017 10:55

Tgt Ion:240 Resp: 397480
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 27.1 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: 66.22 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

Instrument :

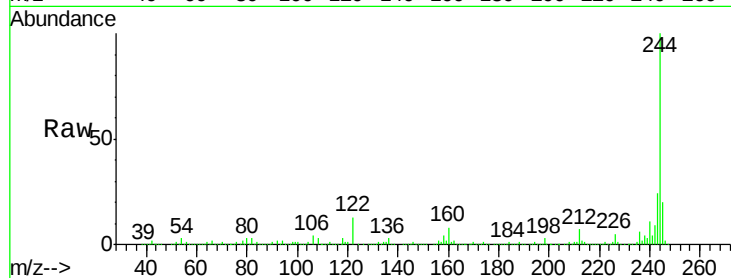
BNA_F

ClientSampleId :

PB101660BL

Tot Ion:244 Resp: 1262200

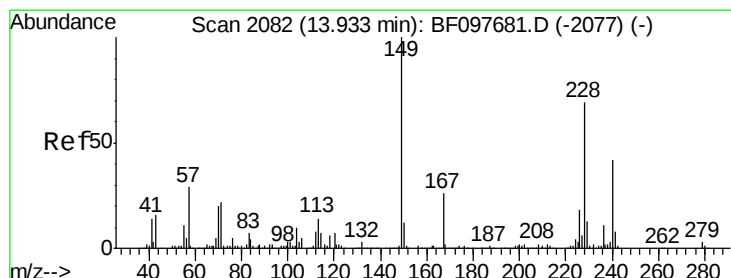
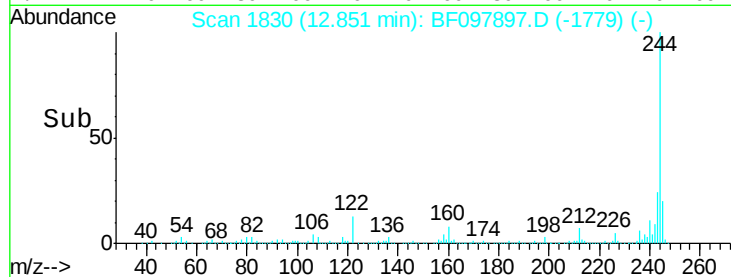
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.8	10.3	15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.94 ng

RT: 13.87 min Scan# 2003

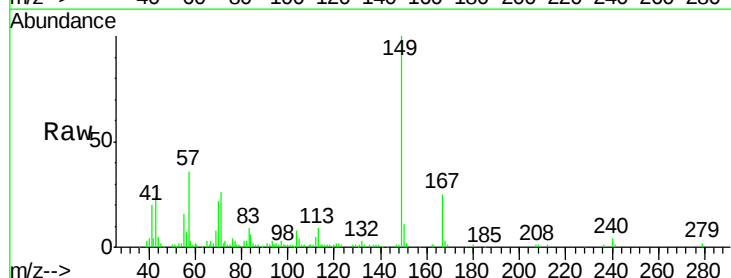
Delta R.T. -0.02 min

Lab File: BF097897.D

Acq: 21 Aug 2017 10:55

Tgt Ion:149 Resp: 68230

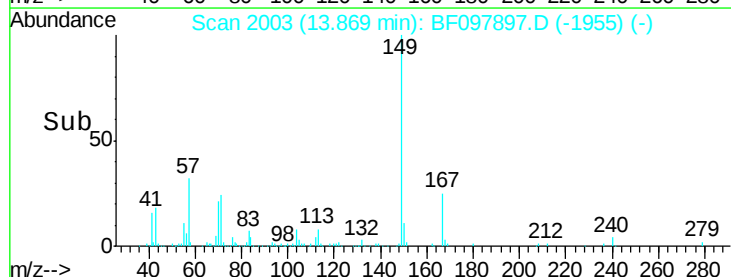
Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.4
279	2.2	1.9	2.9

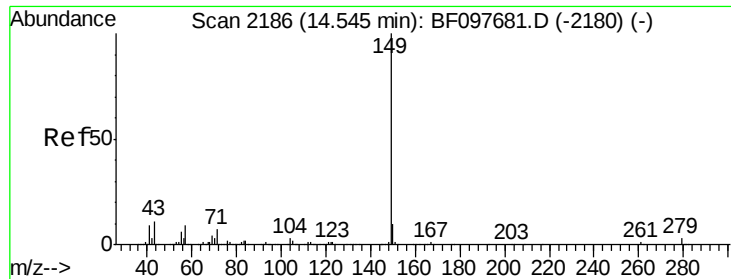


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

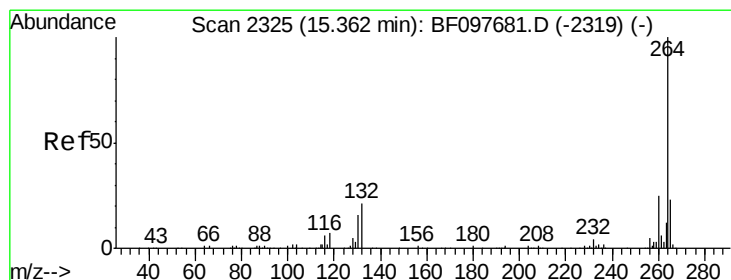
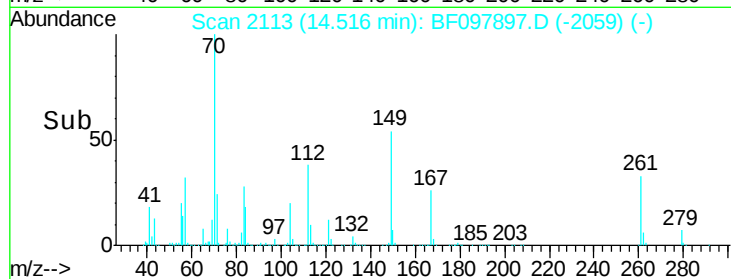
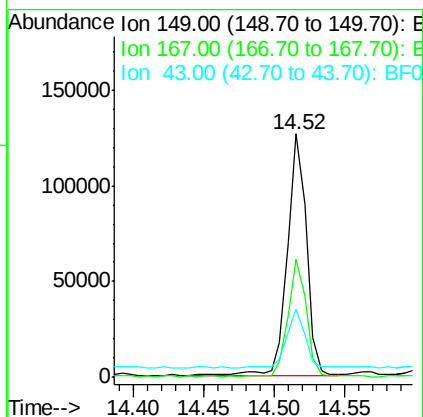
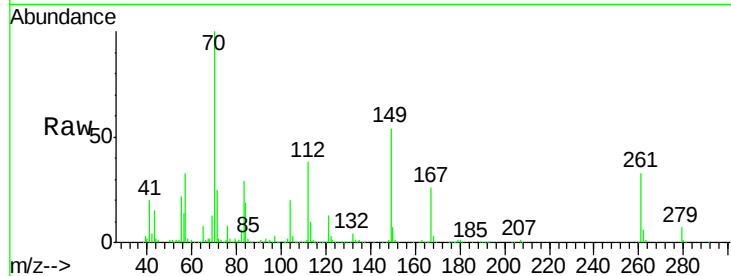




#84
Di-n-octyl phthalate
Concen: 4.91 ng
RT: 14.52 min Scan# 2113
Delta R.T. 0.02 min
Lab File: BF097897.D
Acq: 21 Aug 2017 10:55

Instrument :
BNA_F
ClientSampleId :
PB101660BL

Tot Ion:149 Resp: 117894
Ion Ratio Lower Upper
149 100
167 46.8 1.2 1.8#
43 23.9 8.5 12.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF097897.D
Acq: 21 Aug 2017 10:55

Tgt Ion:264 Resp: 285298
Ion Ratio Lower Upper
264 100
260 25.2 19.5 29.3
265 22.3 17.2 25.8

