

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097562.D
 Acq On : 10 Aug 2017 17:12
 Operator : SJ/JU
 Sample : PB101375BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101375BL

Quant Time: Aug 10 18:14:48 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

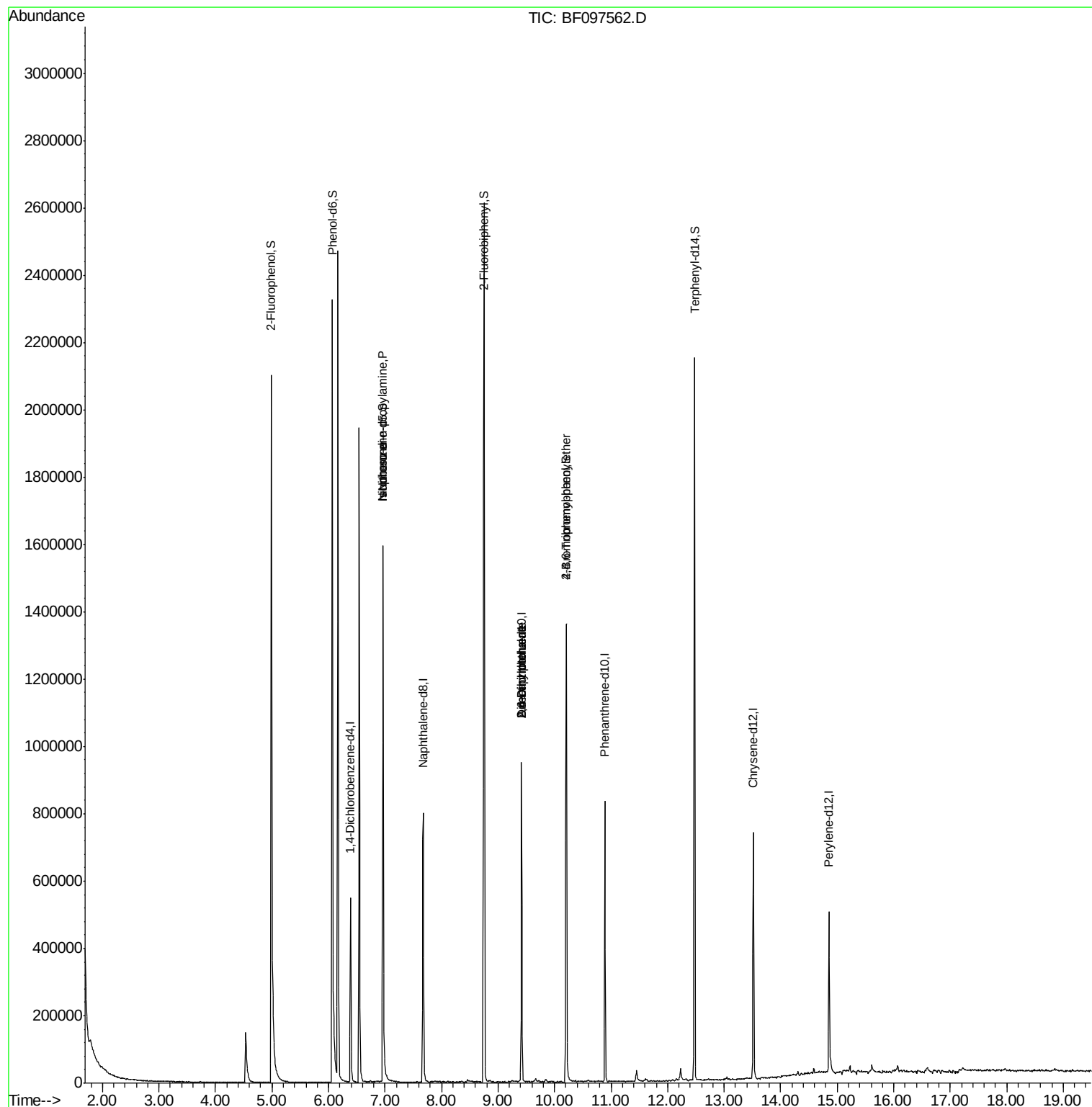
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	93137	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	417699	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	187394	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	300517	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	250205	20.00	ng	-0.02
86) Perylene-d12	14.86	264	196208	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	819114	132.58	ng	-0.01
7) Phenol-d6	6.07	99	933705	132.38	ng	-0.02
23) Nitrobenzene-d5	6.96	82	546398	76.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.21	330	169527	114.50	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	917655	83.11	ng	-0.02
78) Terphenyl-d14	12.48	244	756542	61.65	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	71771	15.459	ng	# 85
25) Isophorone	6.96	82	546395	39.185	ng	# 67
49) Dimethylphthalate	9.42	163	55393	3.893	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	23659	7.839	ng	# 34
56) 2,4-Dinitrotoluene	9.42	165	23659	6.819	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	10576	3.526	ng	# 1

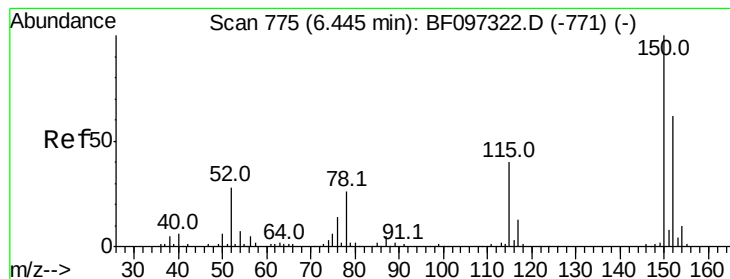
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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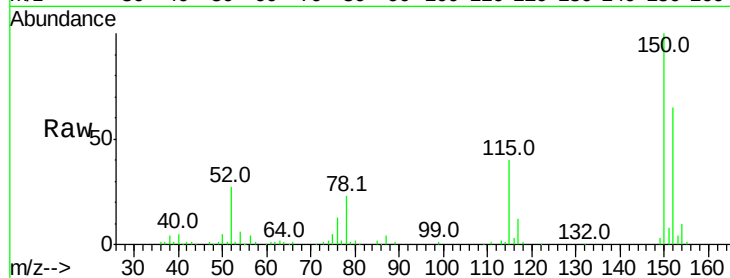


#1

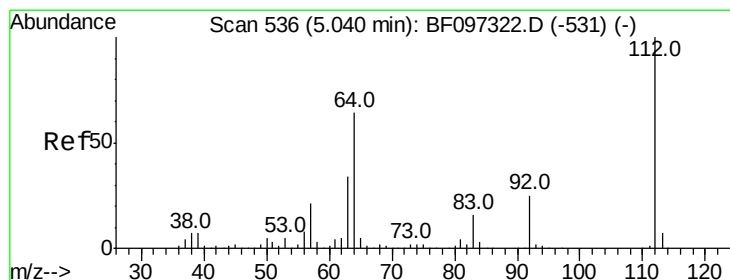
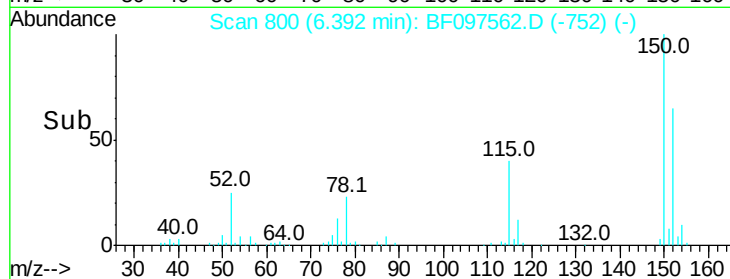
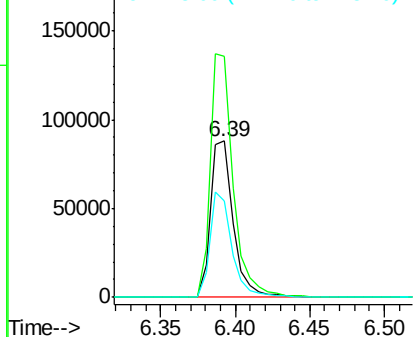
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097562.D
Acq: 10 Aug 2017 17:12

Instrument :
BNA_F
ClientSampleId :
PB101375BL

Tot Ion:152 Resp: 93137
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 61.6 52.2 78.2



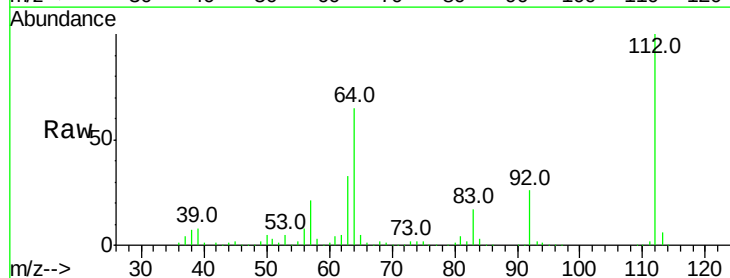
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



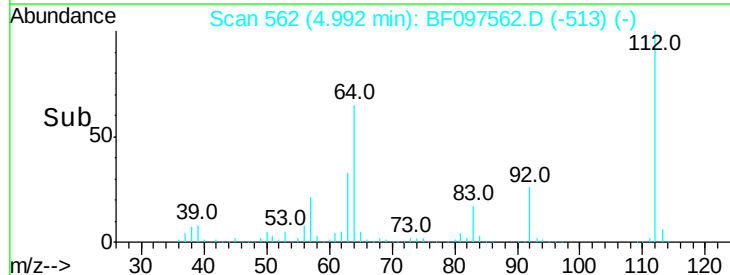
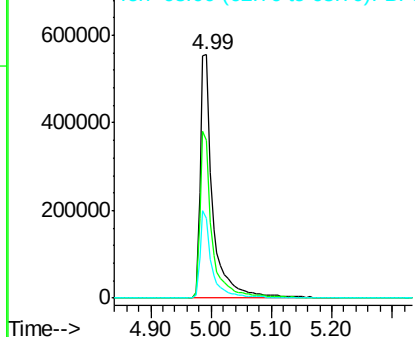
#5

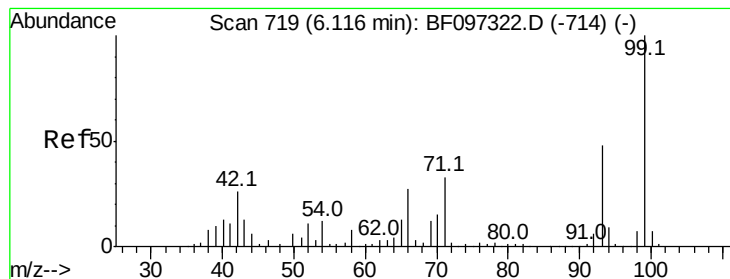
2-Fluorophenol
Concen: 132.579 ng
RT: 4.99 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF097562.D
Acq: 10 Aug 2017 17:12

Tgt Ion:112 Resp: 819114
Ion Ratio Lower Upper
112 100
64 64.6 46.0 69.0
63 32.6 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: 132.379 ng

RT: 6.07 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Instrument :

BNA_F

ClientSampled :

PB101375BL

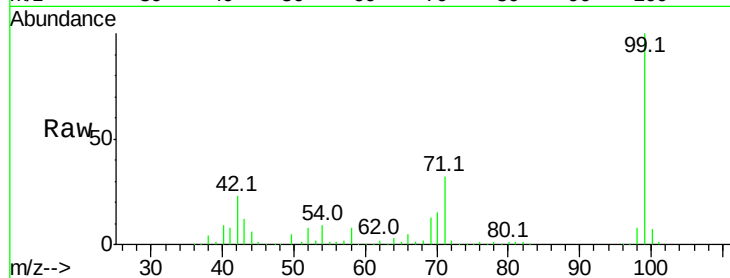
Tot Ion: 99 Resp: 933705

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

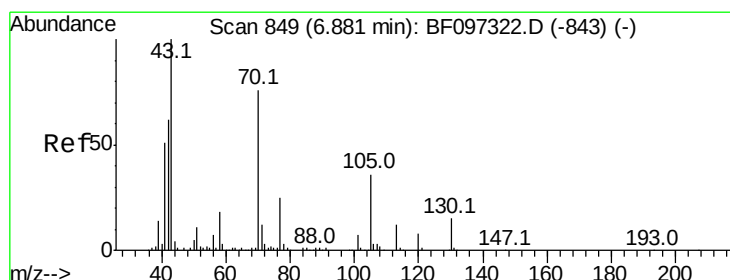
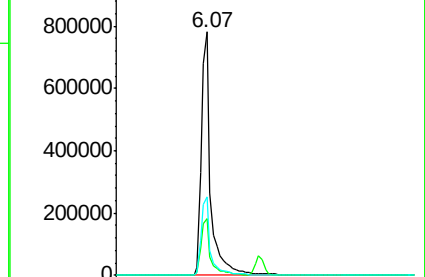
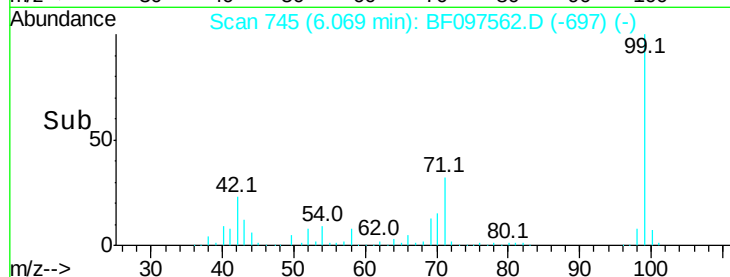
71 32.1 24.5 36.7



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: 15.459 ng

RT: 6.96 min Scan# 897

Delta R.T. 0.11 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Tgt Ion: 70 Resp: 71771

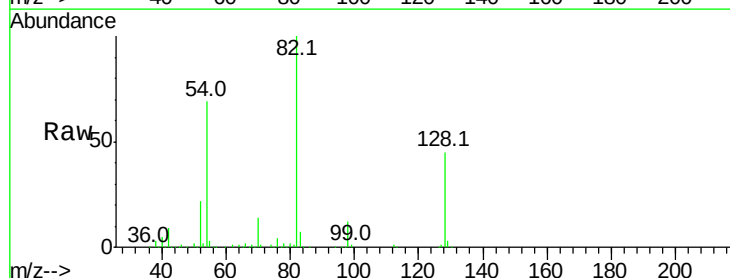
Ion Ratio Lower Upper

70 100

42 63.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

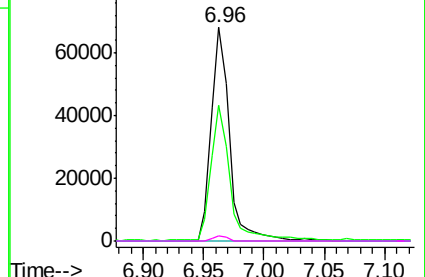
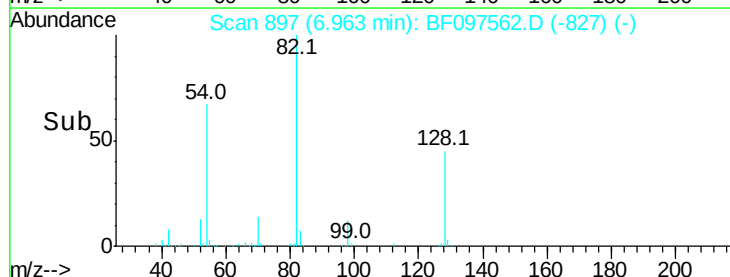


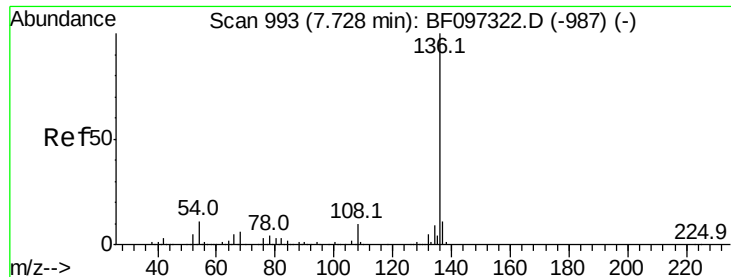
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

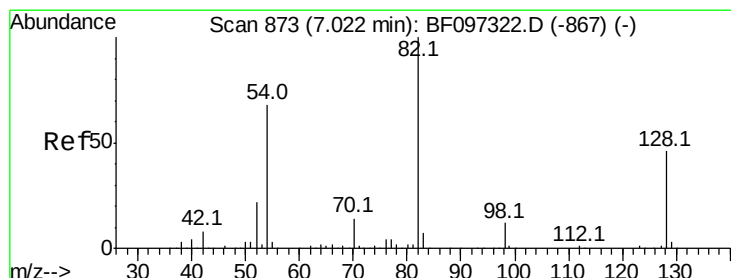
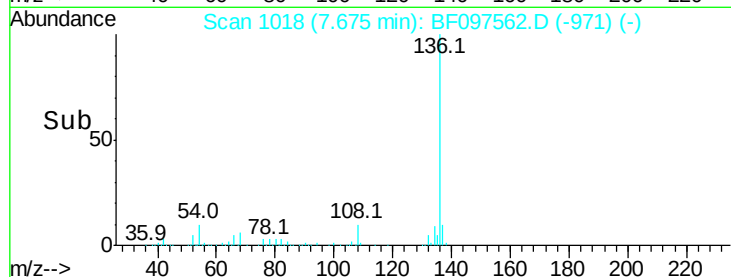
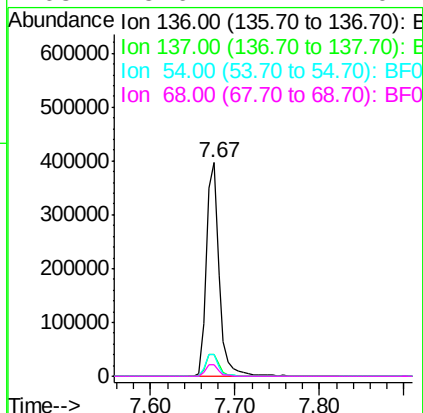
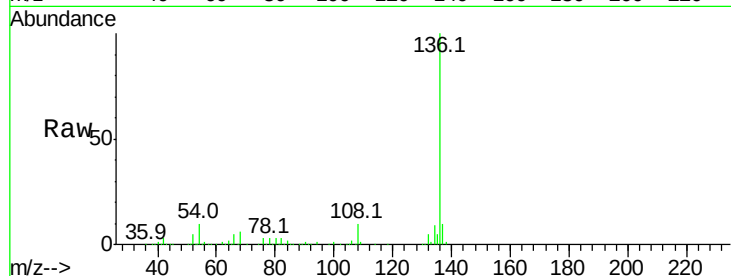




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097562.D
Acq: 10 Aug 2017 17:12

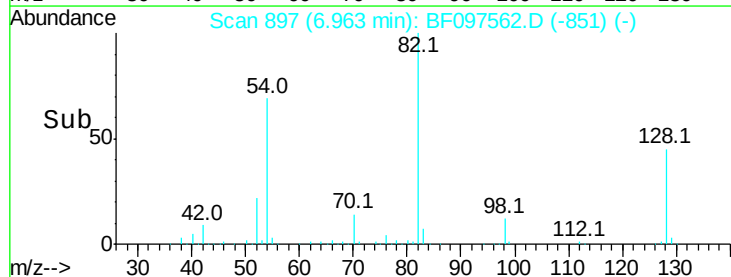
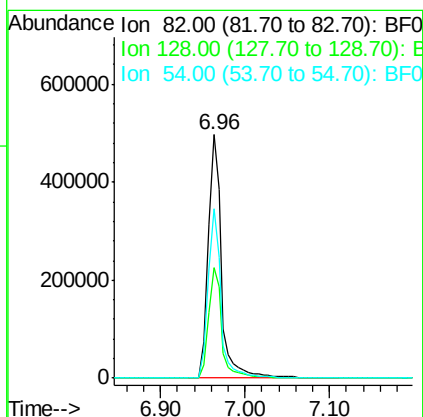
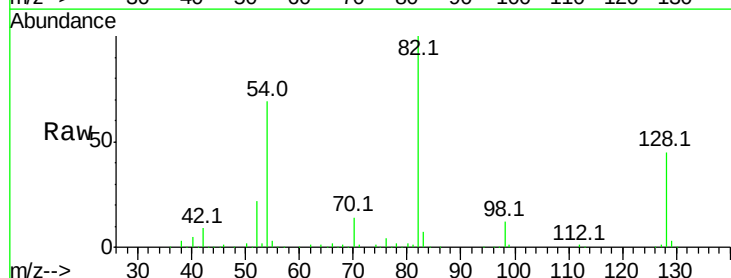
Instrument :
BNA_F
ClientSampleId :
PB101375BL

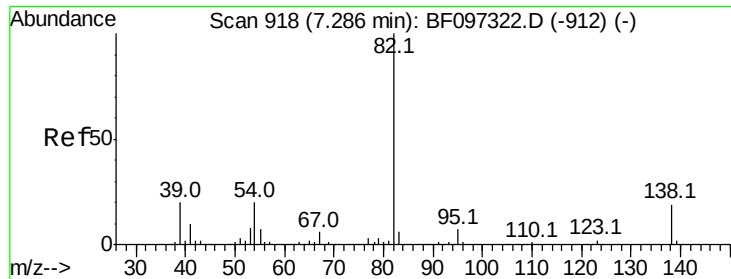
Tot Ion:	136	Resp:	417699
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.2	4.9	7.3#
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 76.739 ng
RT: 6.96 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF097562.D
Acq: 10 Aug 2017 17:12

Tgt Ion:	82	Resp:	546398
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	69.4	42.2	63.2#





#25

Isophorone

Concen: 39.185 ng

RT: 6.96 min Scan# 897

Delta R.T. -0.29 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Instrument :

BNA_F

ClientSampleId :

PB101375BL

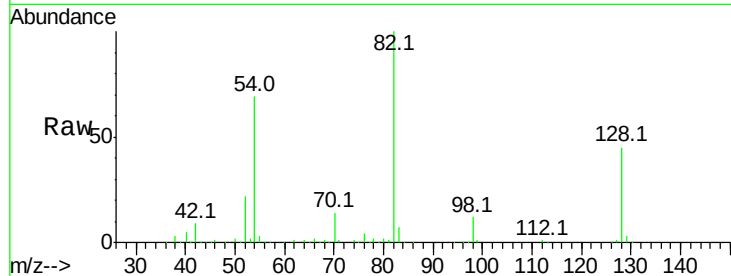
Tot Ion: 82 Resp: 546395

Ion Ratio Lower Upper

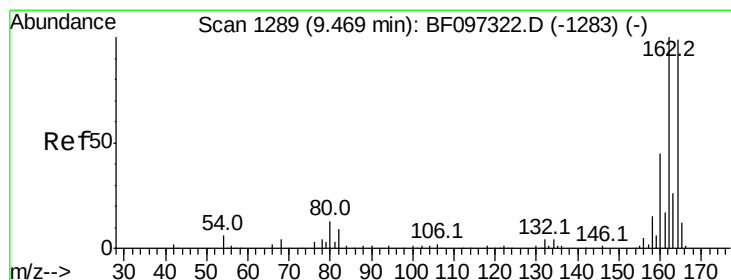
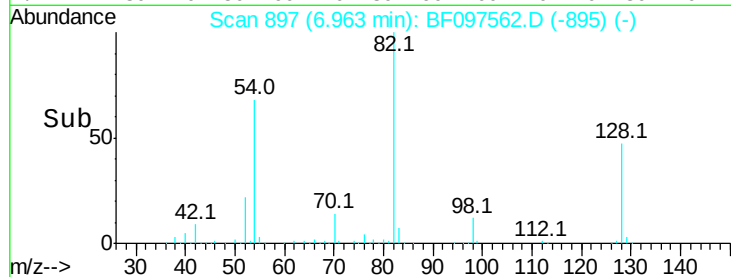
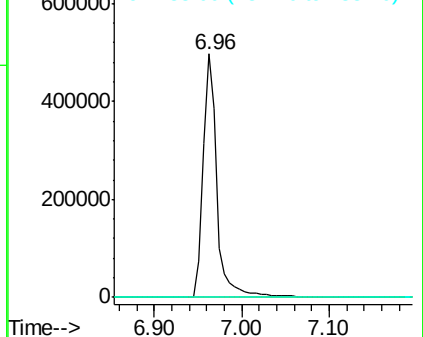
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.42 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

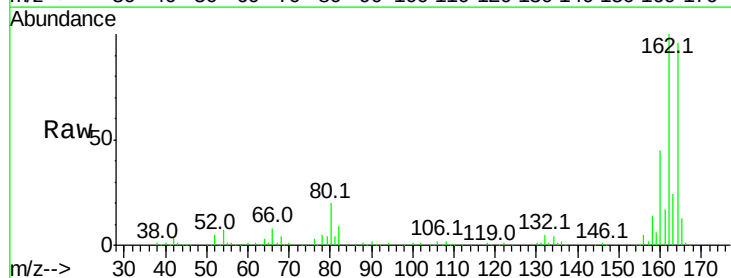
Tgt Ion:164 Resp: 187394

Ion Ratio Lower Upper

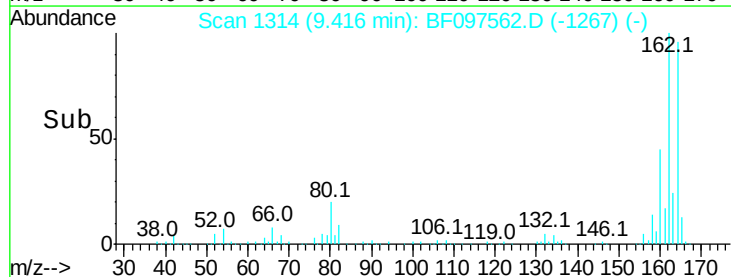
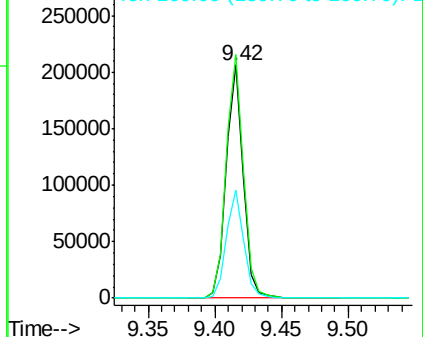
164 100

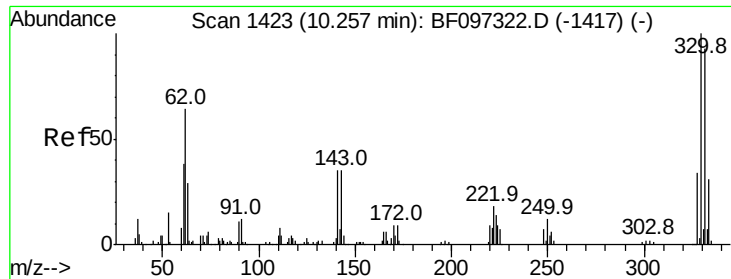
162 104.4 82.6 123.8

160 46.5 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

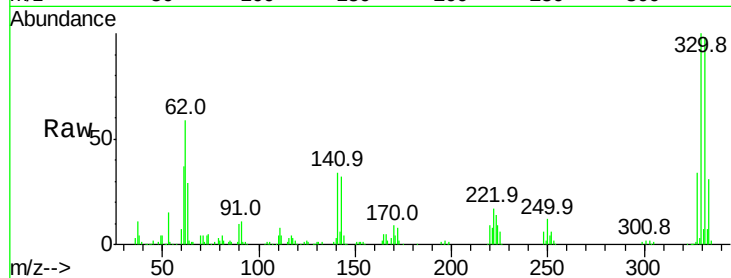




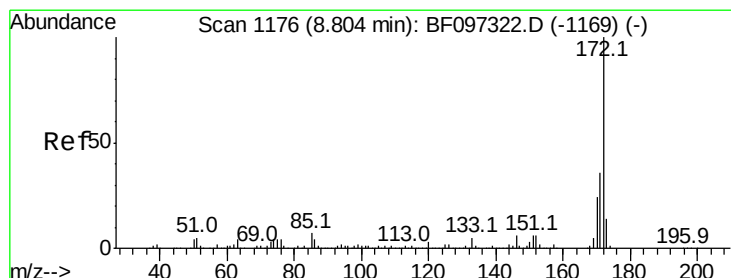
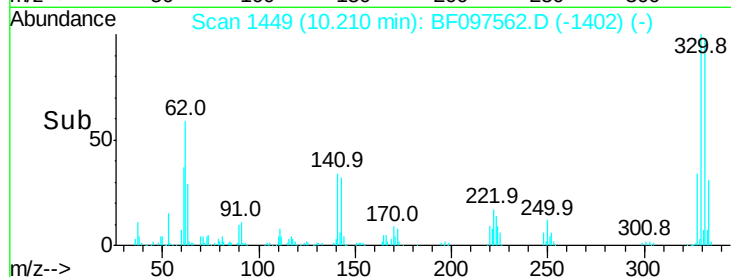
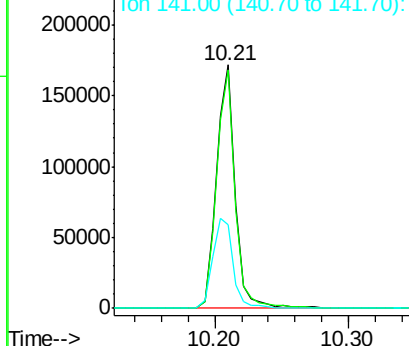
#41
 2,4,6-Tribromophenol
 Concen: 114.499 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

Instrument :
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Tot Ion:330 Resp: 169527
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 40.3 31.4 47.2

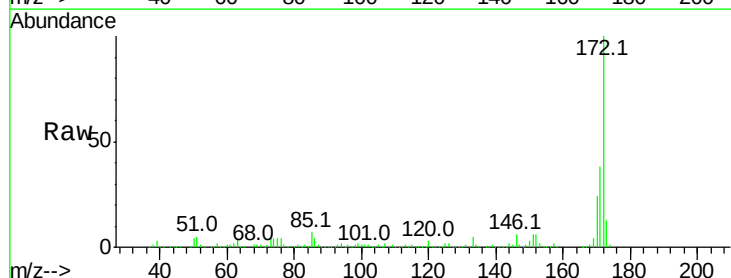


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

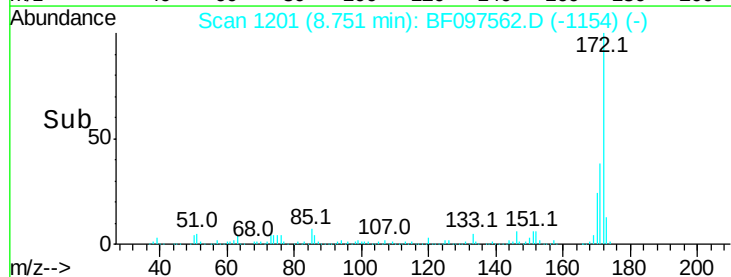
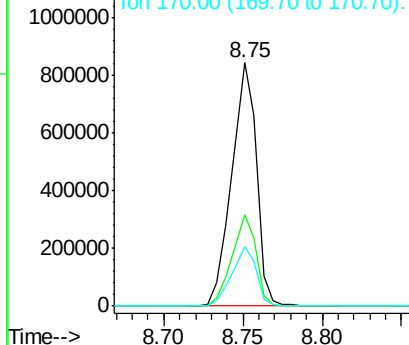


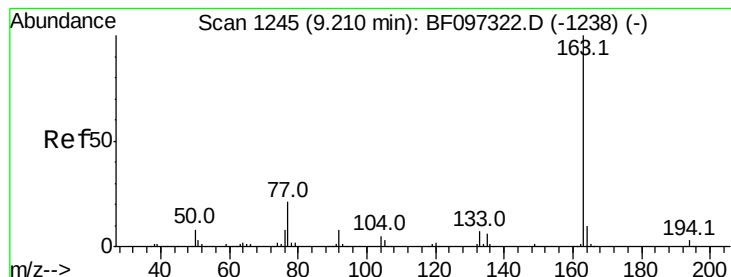
#44
 2-Fluorobiphenyl
 Concen: 83.106 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

Tgt Ion:172 Resp: 917655
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.6 44.4
 170 24.1 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: 3.893 ng

RT: 9.42 min Scan# 1314

Delta R.T. 0.23 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Instrument :

BNA_F

ClientSampleID :

PB101375BL

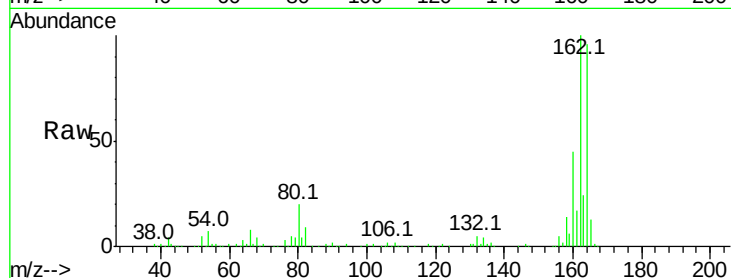
Tot Ion:163 Resp: 55393

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

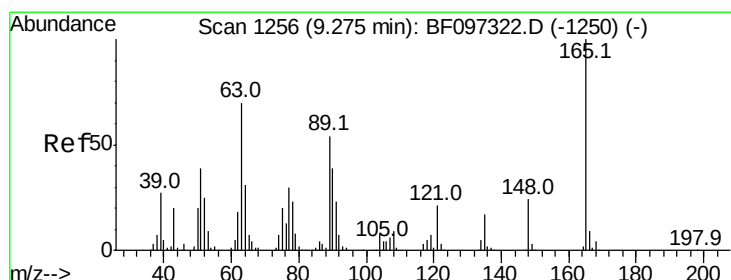
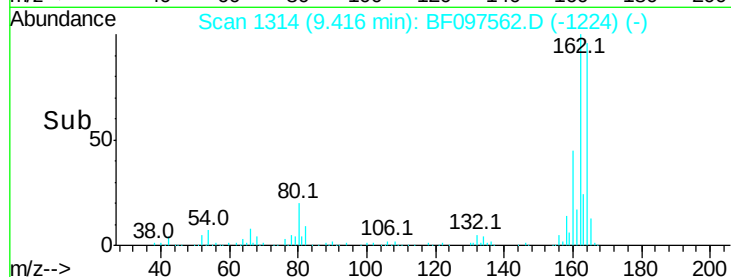
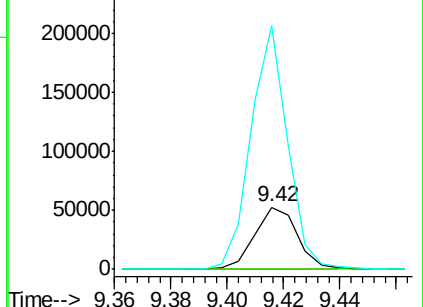
164 391.1 8.4 12.6#



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: 7.839 ng

RT: 9.42 min Scan# 1314

Delta R.T. 0.16 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

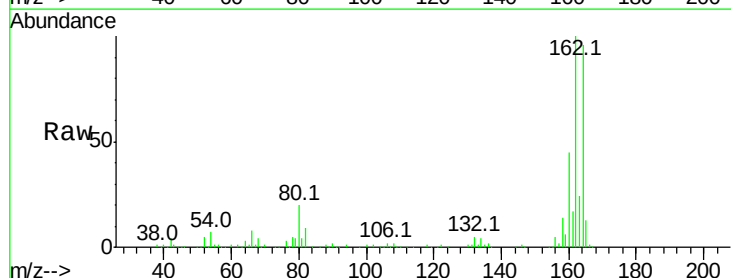
Tgt Ion:165 Resp: 23659

Ion Ratio Lower Upper

165 100

63 2.0 34.3 51.5#

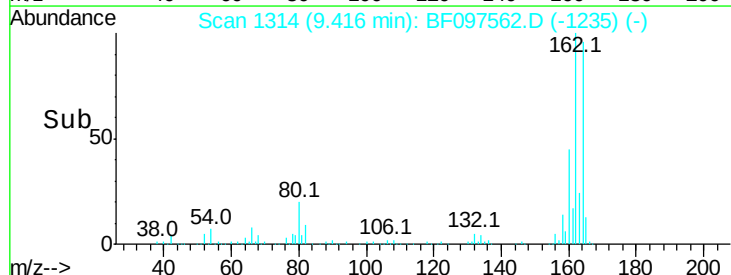
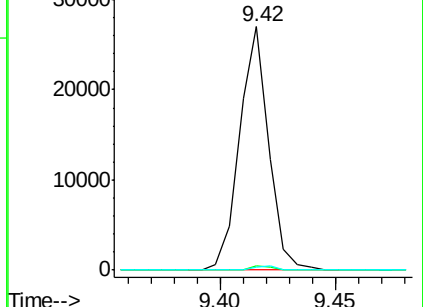
89 1.5 37.1 55.7#

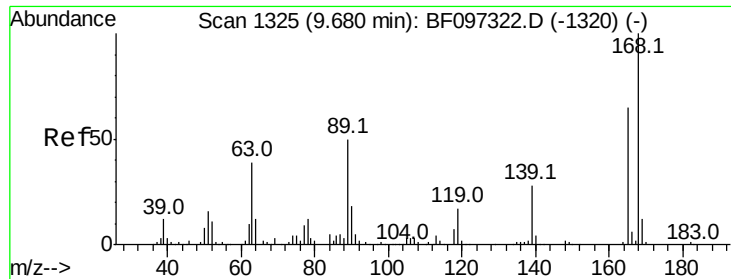


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

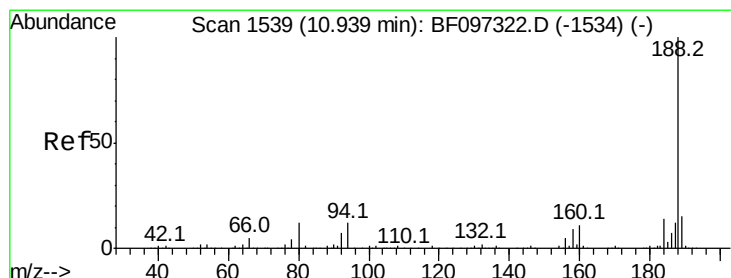
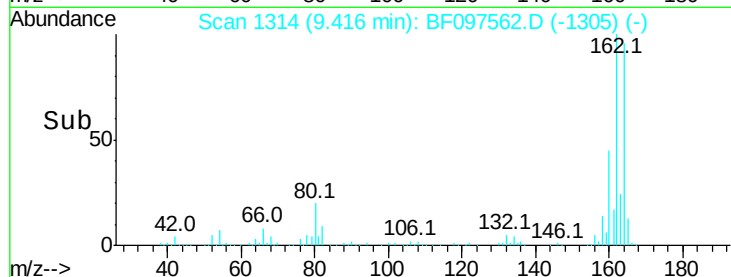
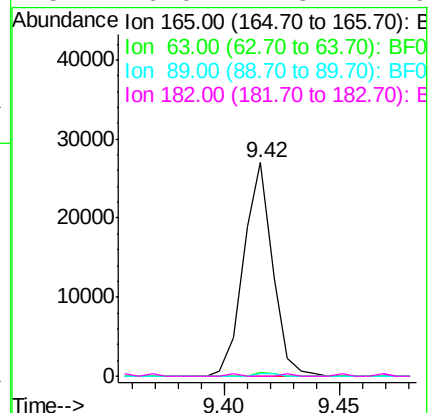
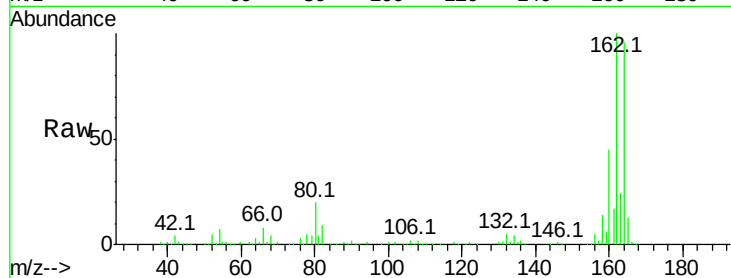




#56
 2,4-Dinitrotoluene
 Concen: 6.819 ng
 RT: 9.42 min Scan# 1314
 Delta R.T. -0.25 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

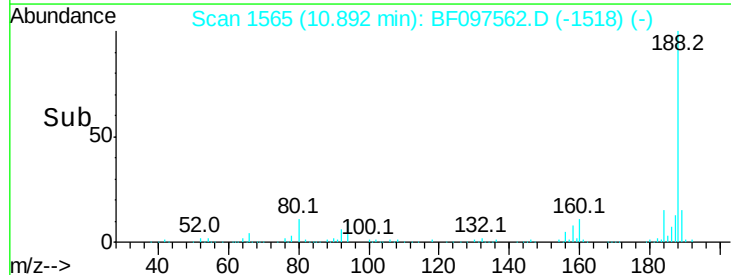
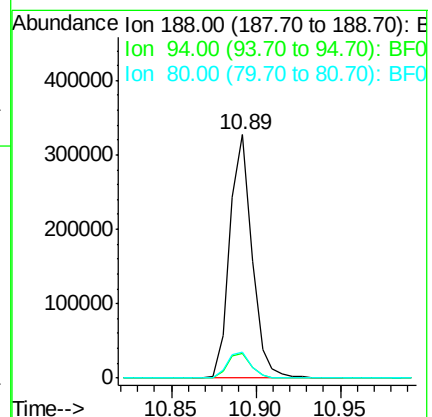
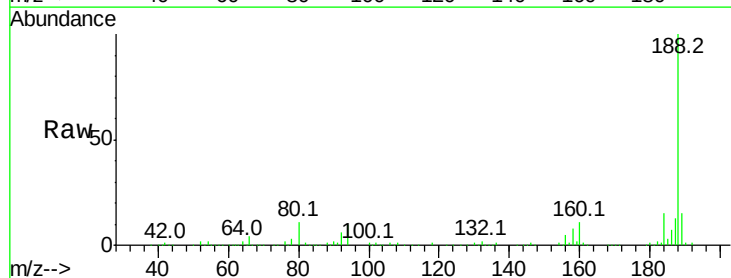
Instrument :
 BNA_F
 ClientSampleId :
 PB101375BL

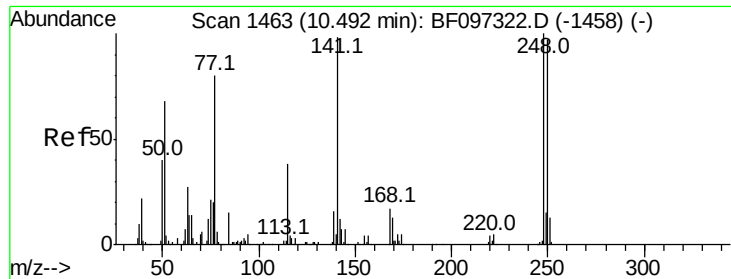
Tot Ion:	165	Resp:	23659
Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

Tgt Ion:	188	Resp:	300517
Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.8	10.2	15.2





#66

4-Bromophenyl-phenylether

Concen: 3.526 ng

RT: 10.21 min Scan# 1449

Delta R.T. -0.26 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Instrument :

BNA_F

ClientSampleId :

PB101375BL

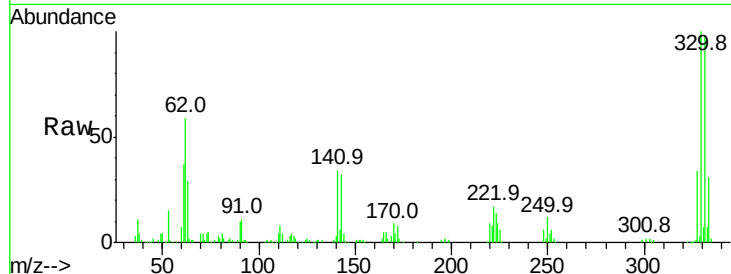
Tot Ion:248 Resp: 10576

Ion Ratio Lower Upper

248 100

250 186.1 76.8 115.2#

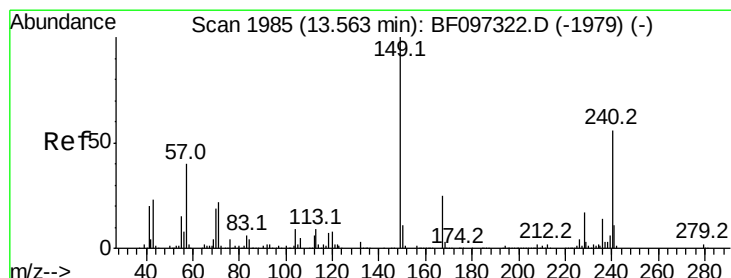
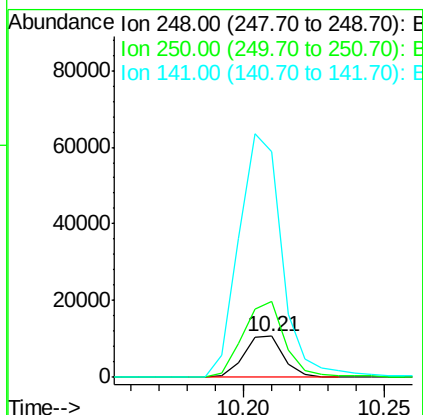
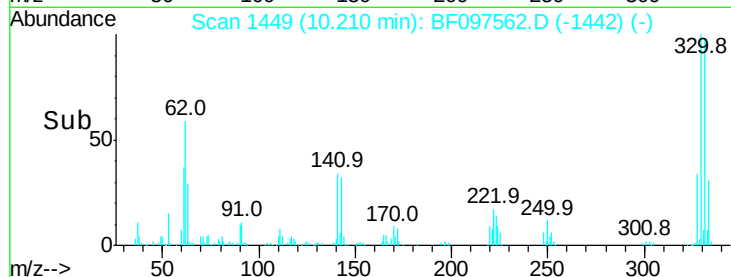
141 549.6 68.6 103.0#



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: 20.000 ng

RT: 13.52 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

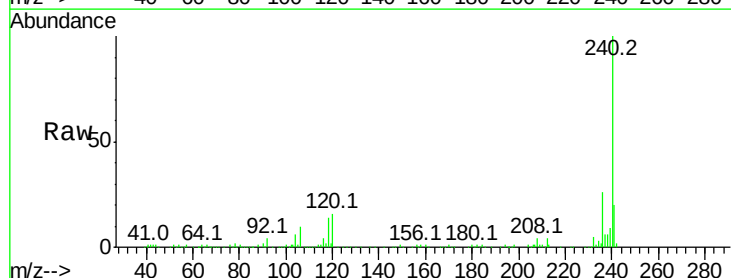
Tgt Ion:240 Resp: 250205

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

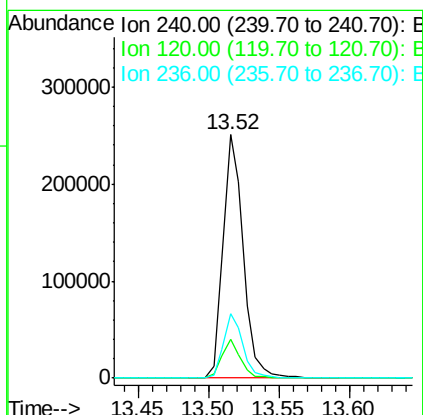
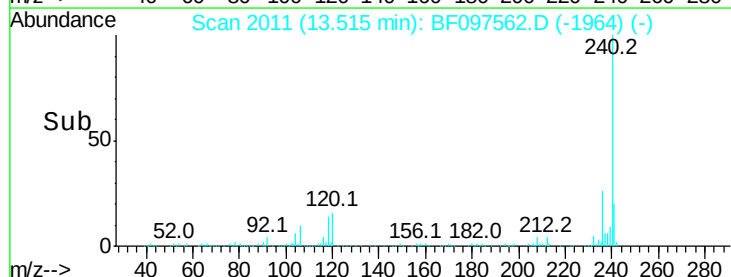
236 26.2 20.5 30.7

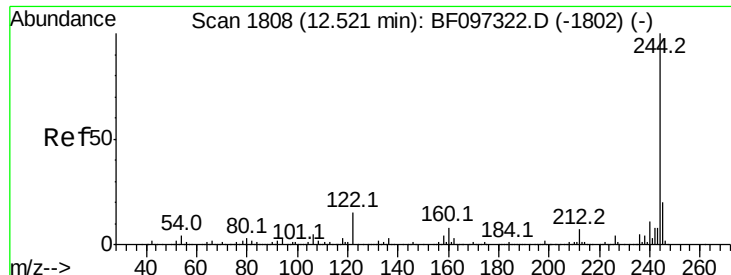


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.649 ng

RT: 12.48 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Instrument :

BNA_F

ClientSampleId :

PB101375BL

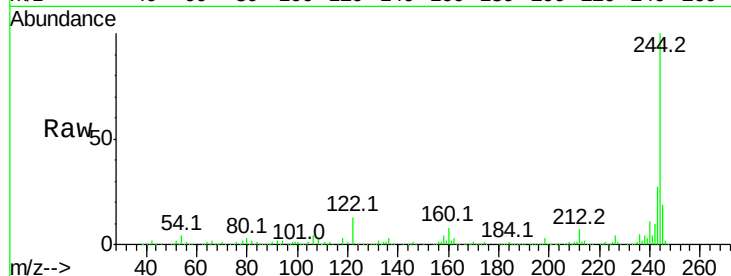
Tot Ion:244 Resp: 756542

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

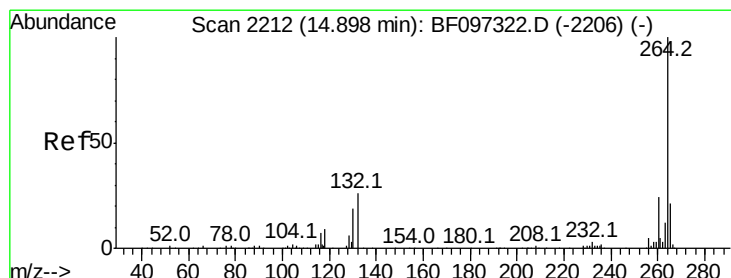
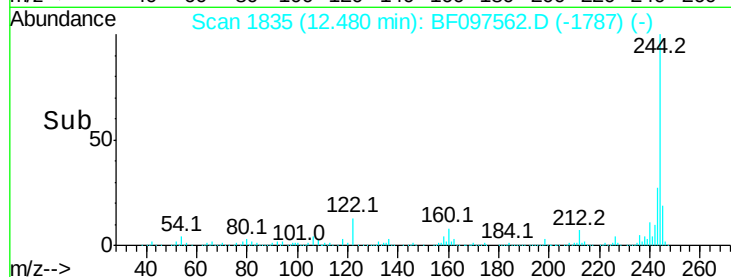
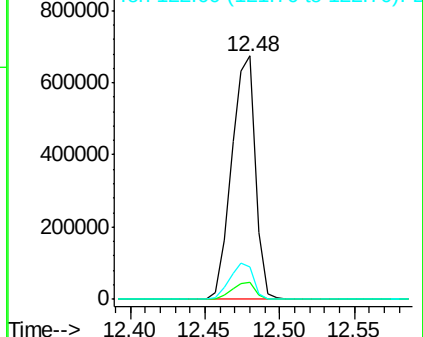
122 13.5 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.86 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

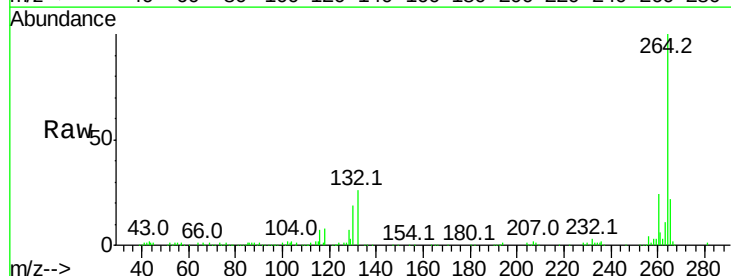
Tgt Ion:264 Resp: 196208

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.8 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

