

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099006.D
 Acq On : 2 Oct 2017 18:15
 Operator : SJ/JU
 Sample : I5534-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:00:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

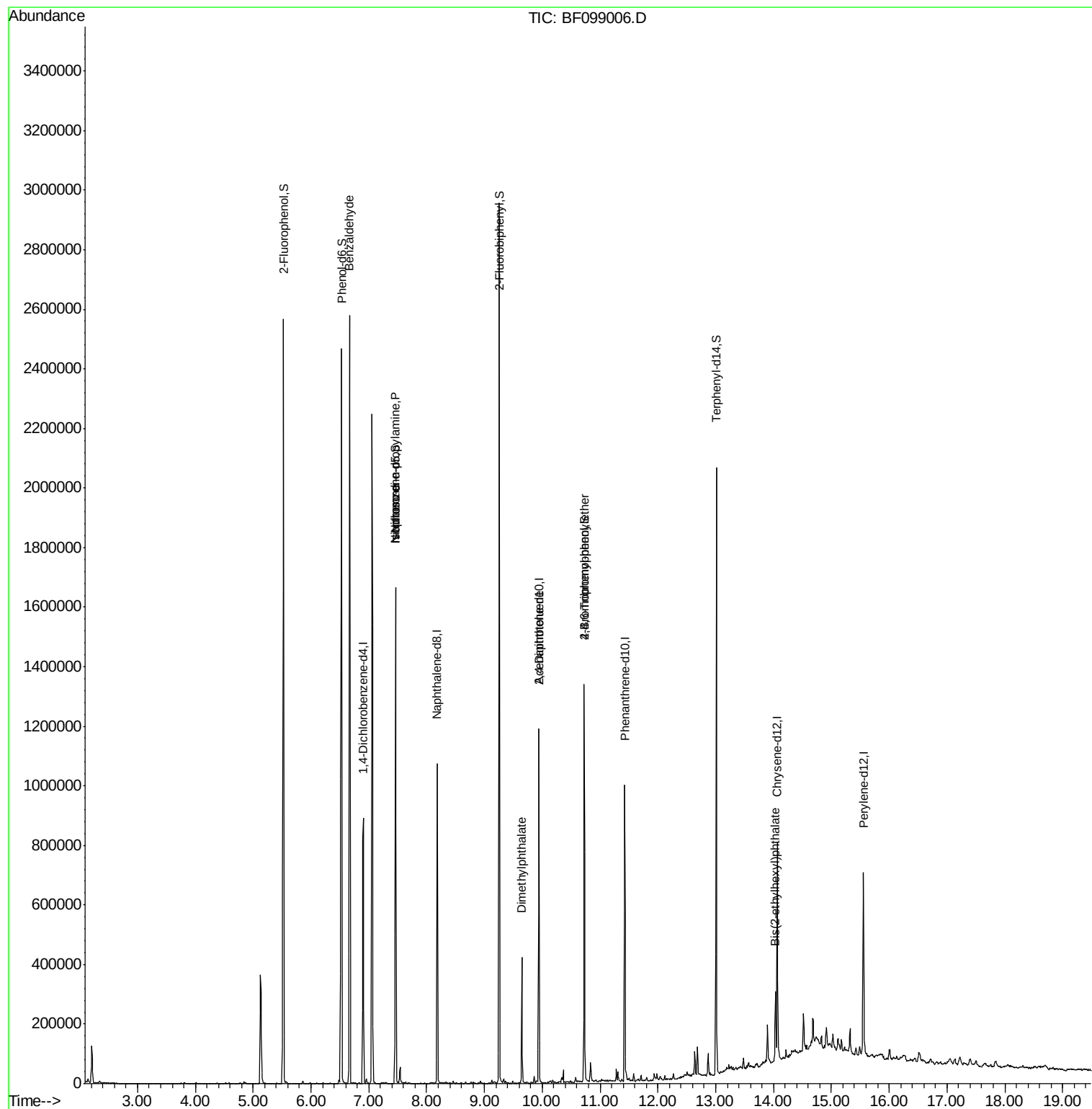
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133348	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	518898	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	212409	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	317640	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	233087	20.00	ng	-0.02
86) Perylene-d12	15.56	264	250798	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	754417	90.06	ng	-0.02
7) Phenol-d6	6.53	99	882504	85.40	ng	-0.02
23) Nitrobenzene-d5	7.46	82	537386	66.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	135133	77.75	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	907290	71.31	ng	-0.02
78) Terphenyl-d14	13.01	244	583140	56.90	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	15780	2.63	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.46	70	69156	10.48	ng	# 76
25) Isophorone	7.46	82	537375	32.12	ng	# 64
49) Dimethylphthalate	9.65	163	173164	10.80	ng	98
56) 2,4-Dinitrotoluene	9.94	165	26705	5.90	ng	# 23
66) 4-Bromophenyl-phenylether	10.73	248	9533	3.07	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.03	149	61585	5.35	ng	# 97

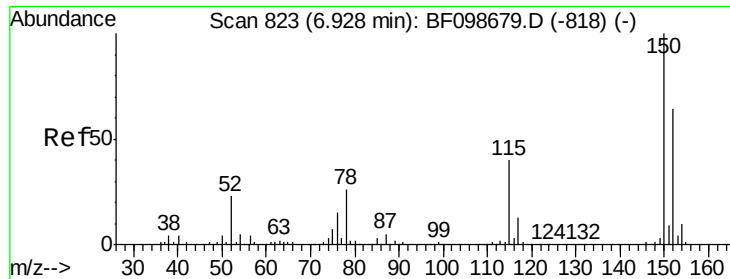
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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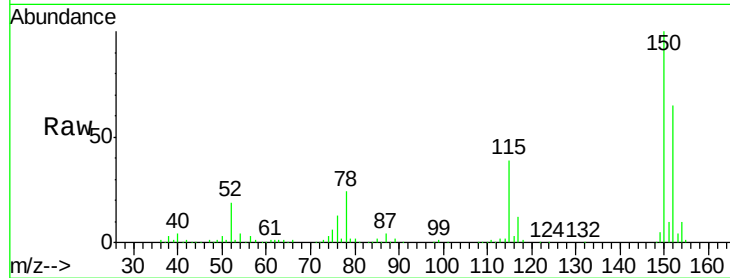


#1

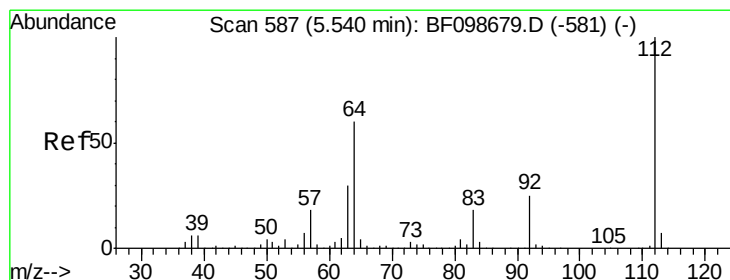
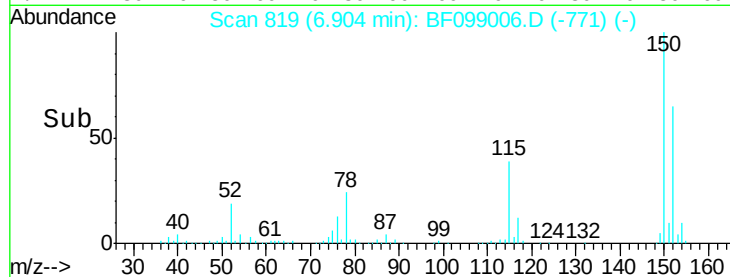
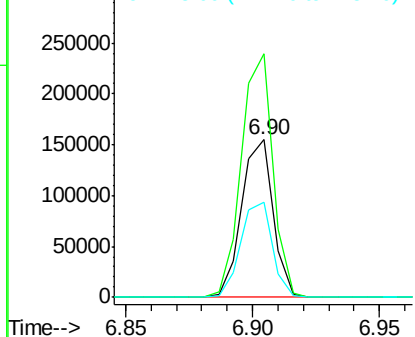
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133348
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 60.8 50.1 75.1



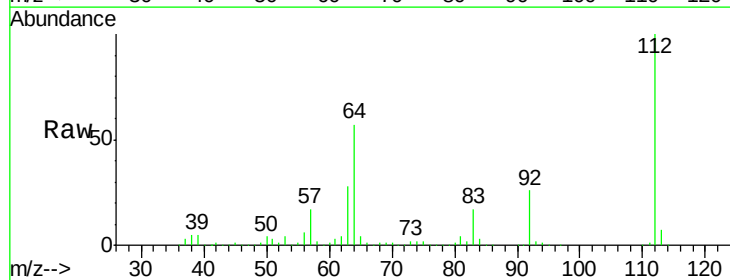
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



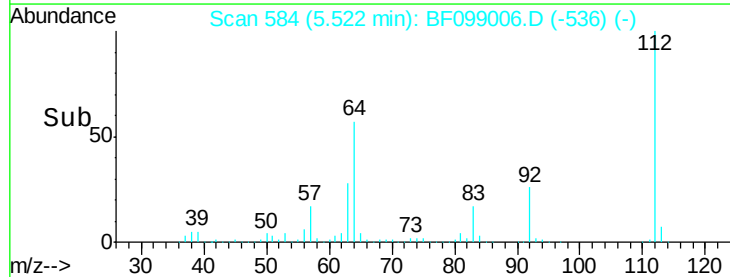
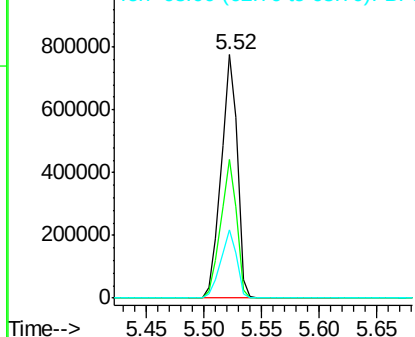
#5

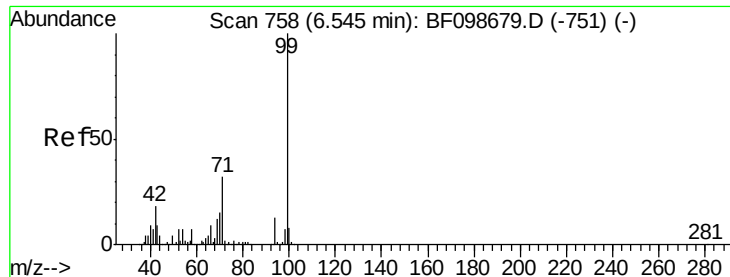
2-Fluorophenol
Concen: 90.06 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Tgt Ion:112 Resp: 754417
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.2 23.7 35.5



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: 85.40 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF099006.D

Acq: 2 Oct 2017 18:15

Instrument :

BNA_F

ClientSampleId :

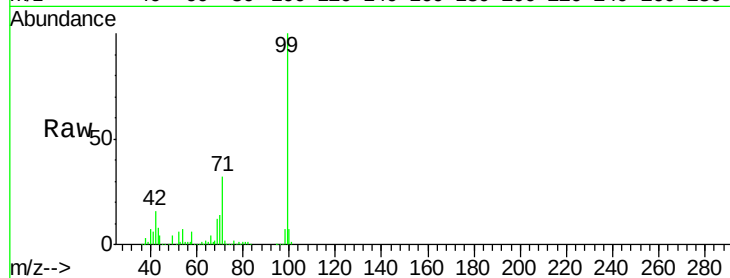
Tot Ion: 99 Resp: 882504

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

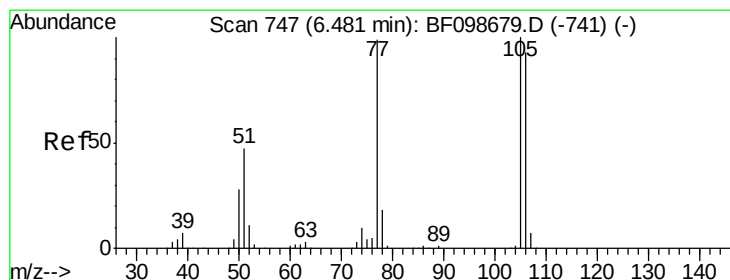
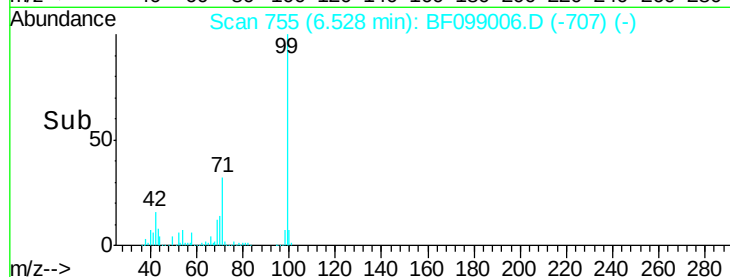
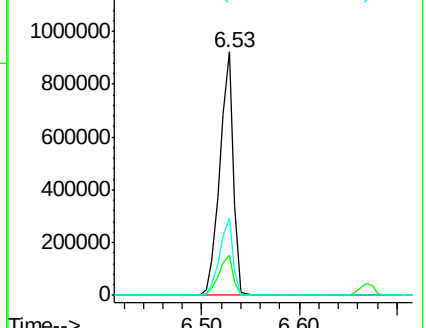
71 31.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.63 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.19 min

Lab File: BF099006.D

Acq: 2 Oct 2017 18:15

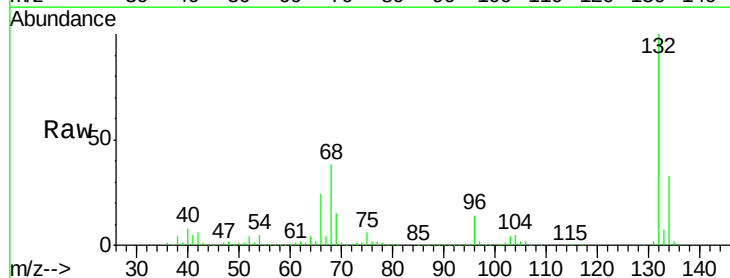
Tgt Ion: 77 Resp: 15780

Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

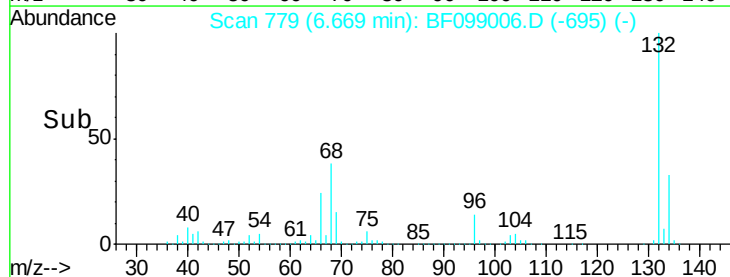
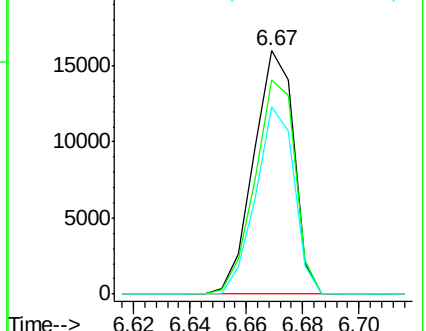
106 76.9 74.5 114.5

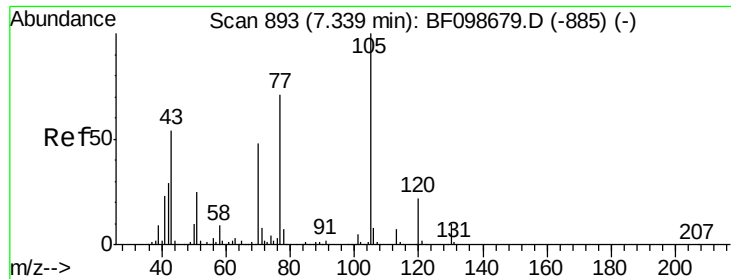


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

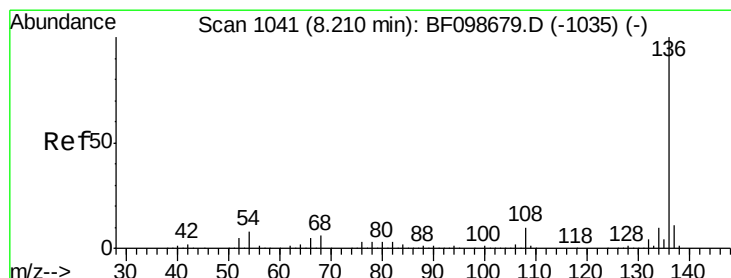
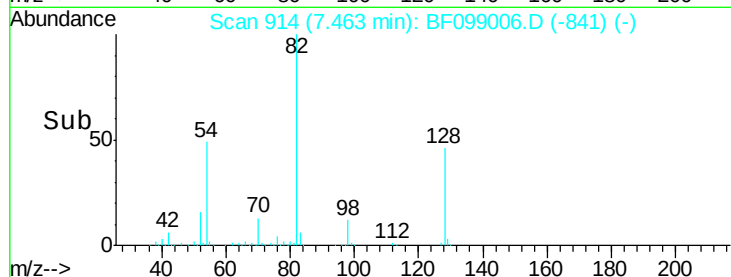
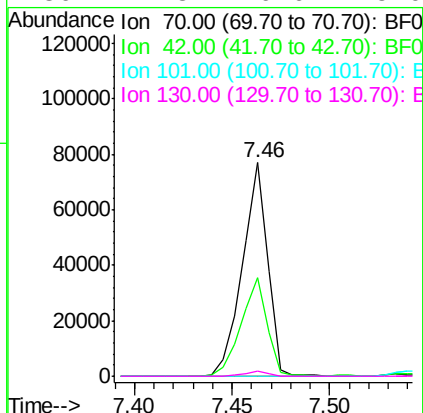
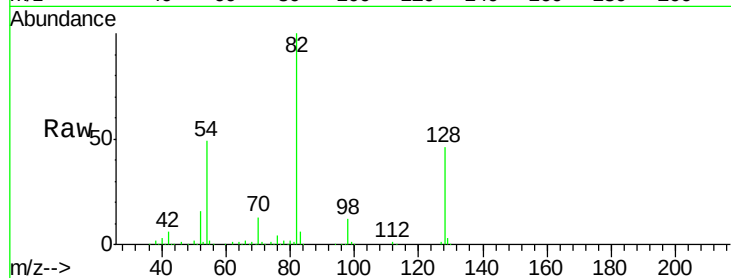




#19
n-Nitroso-di-n-propylamine
Concen: 10.48 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.13 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

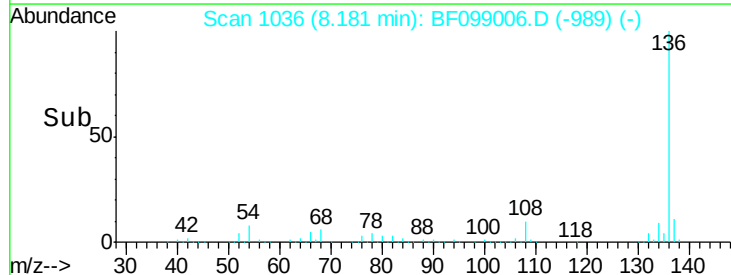
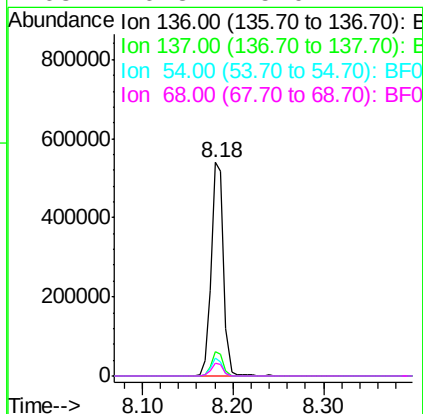
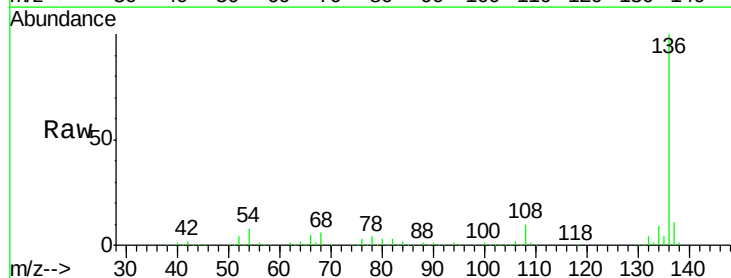
Instrument :
BNA_F
ClientSampled :

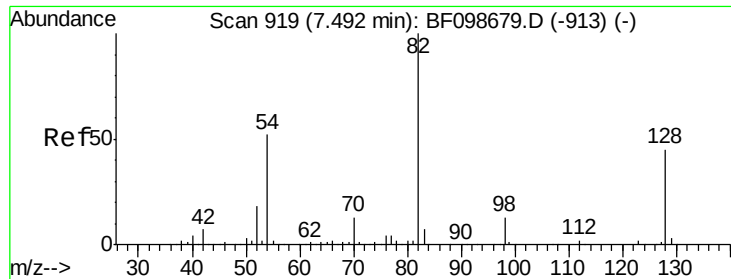
Tot Ion: 70 Resp: 69156
Ion Ratio Lower Upper
70 100
42 46.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Tgt Ion: 136 Resp: 518898
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.2 6.6 9.8
68 6.3 5.0 7.4

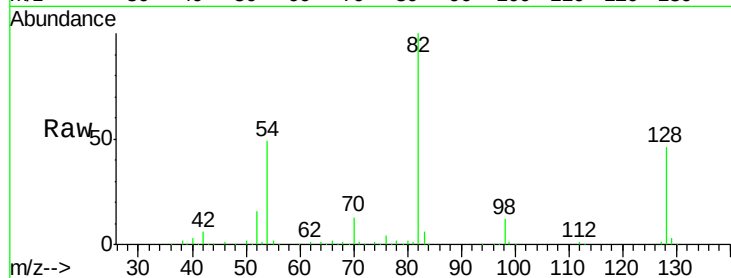




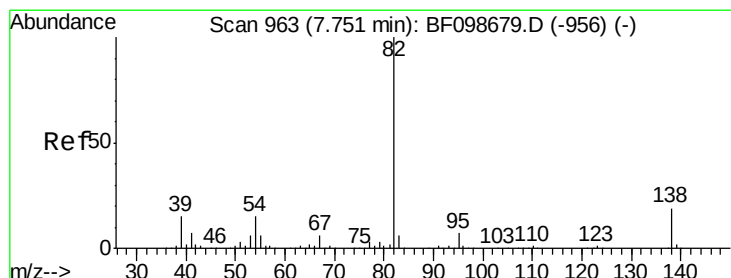
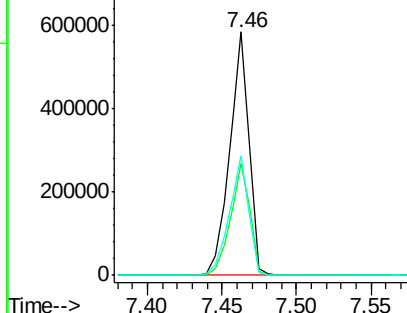
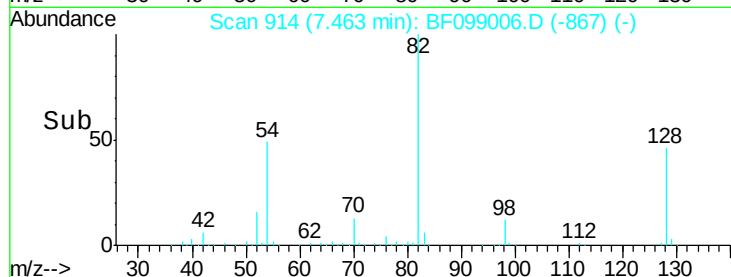
#23
Nitrobenzene-d5
Concen: 66.42 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 537386
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 49.2 41.4 62.2

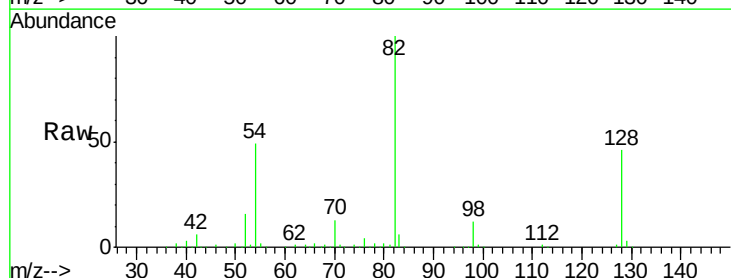


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

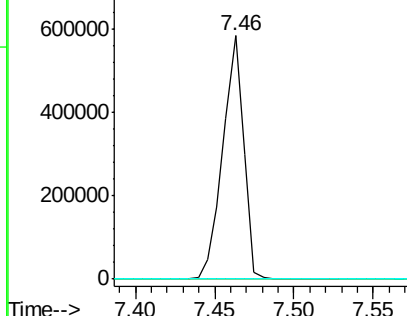
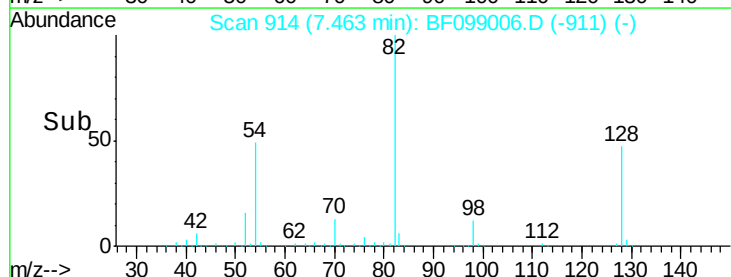


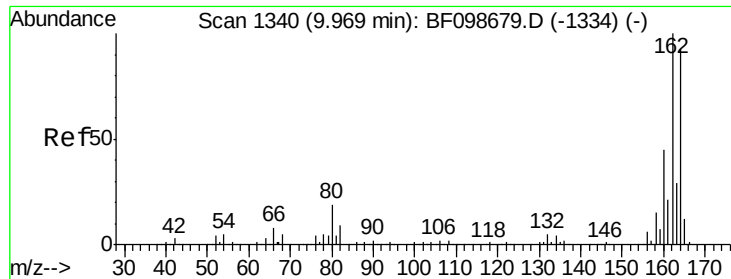
#25
Isophorone
Concen: 32.12 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.28 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Tgt Ion: 82 Resp: 537375
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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

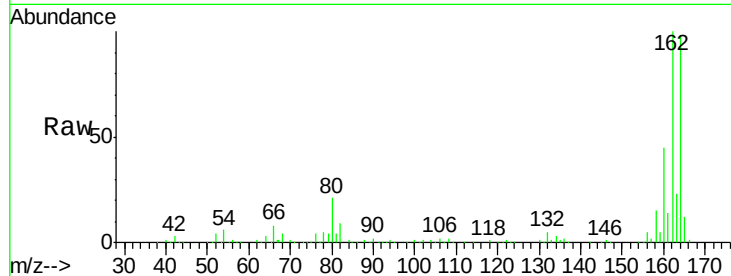




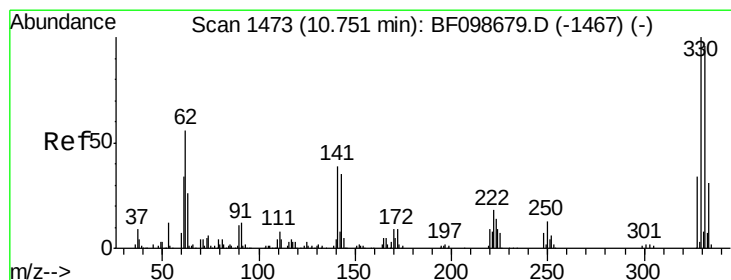
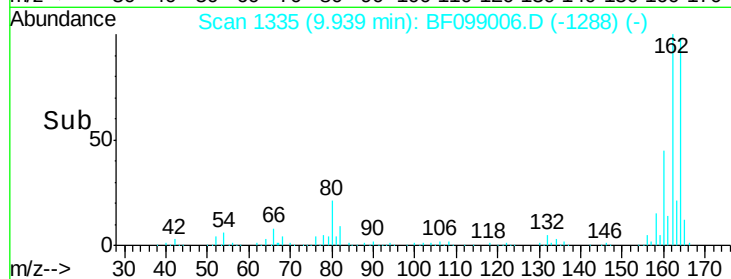
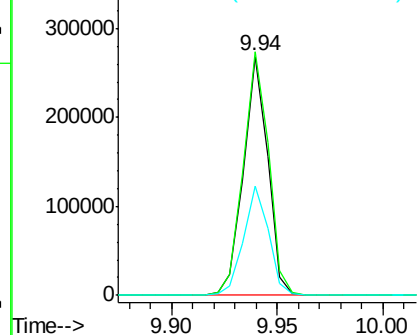
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF099006.D
 Acq: 2 Oct 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 212409
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 45.6 38.3 57.5

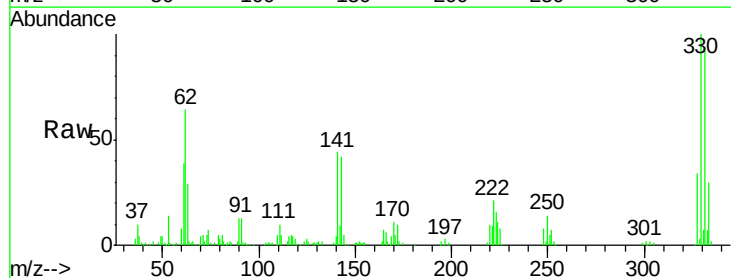


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

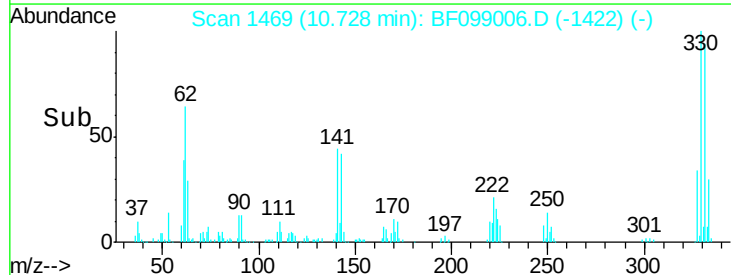
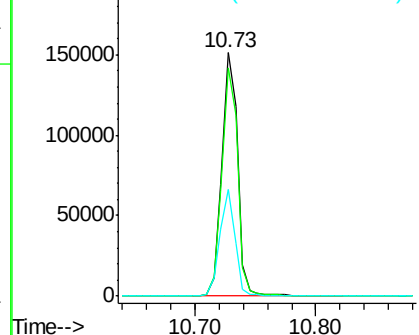


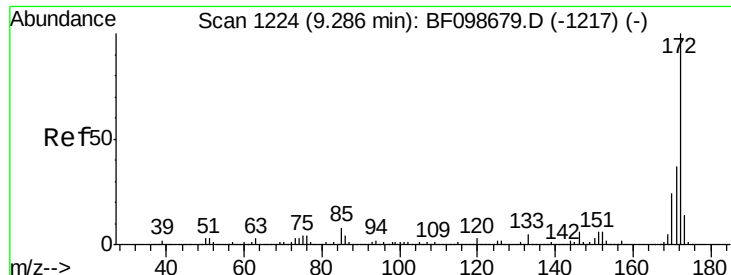
#41
 2,4,6-Tribromophenol
 Concen: 77.75 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BF099006.D
 Acq: 2 Oct 2017 18:15

Tgt Ion:330 Resp: 135133
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 42.7 29.9 44.9



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

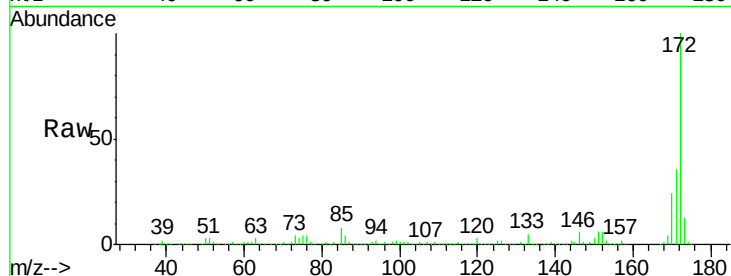




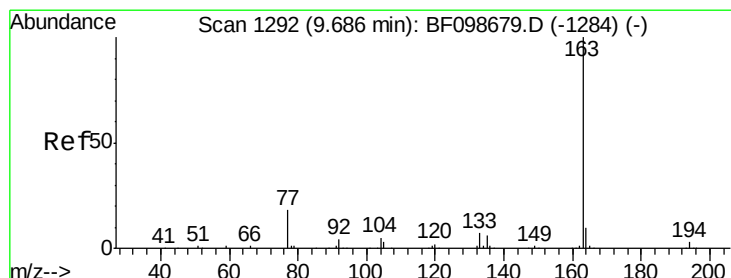
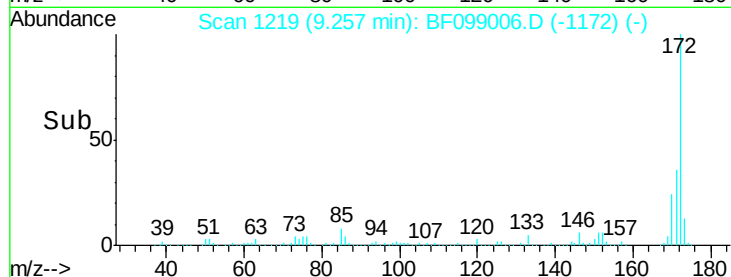
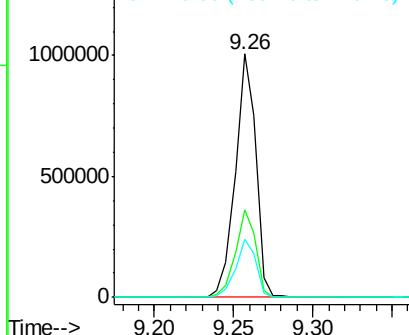
#44
2-Fluorobiphenyl
Concen: 71.31 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 907290
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.6 19.6 29.4

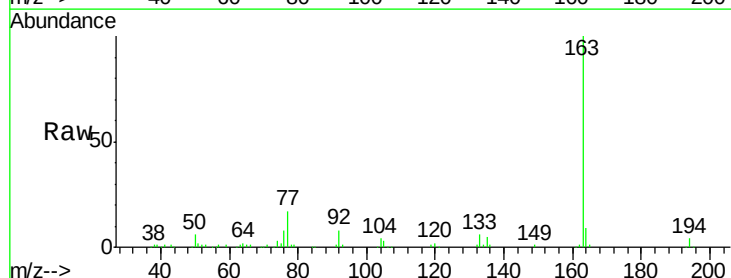


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

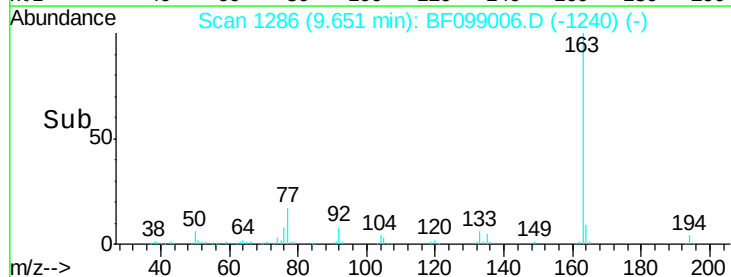
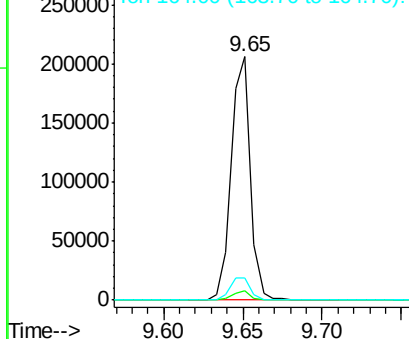


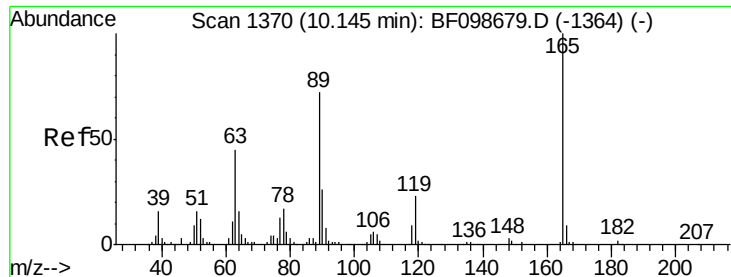
#49
Dimethylphthalate
Concen: 10.80 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Tgt Ion:163 Resp: 173164
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.1 8.2 12.2



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

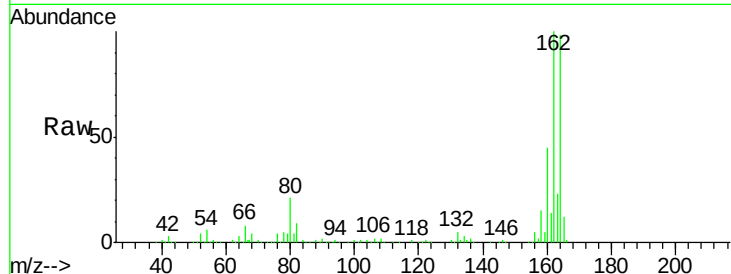




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.21 min
 Lab File: BF099006.D
 Acq: 2 Oct 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

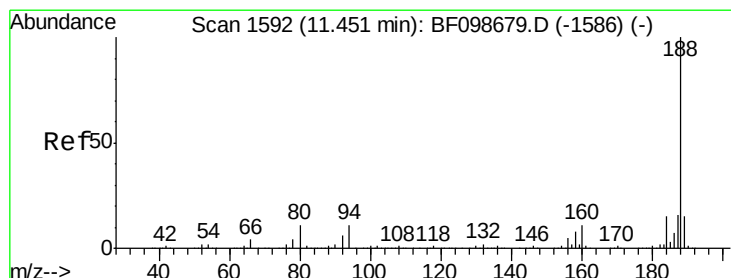
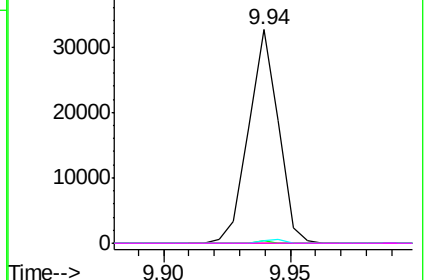
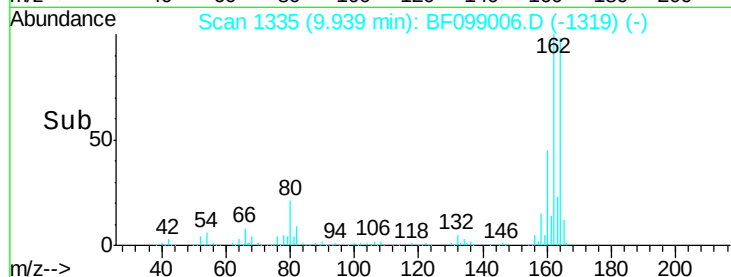


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

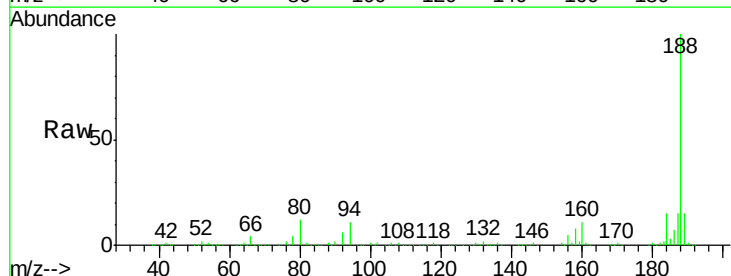
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF099006.D
 Acq: 2 Oct 2017 18:15

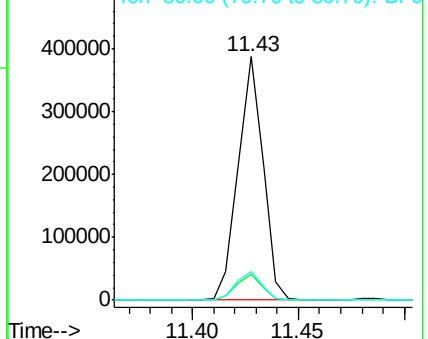
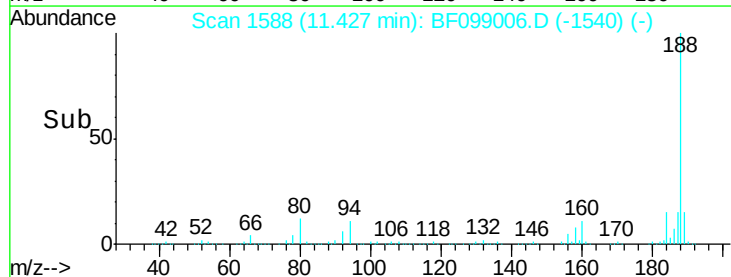
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.5	9.2	13.8

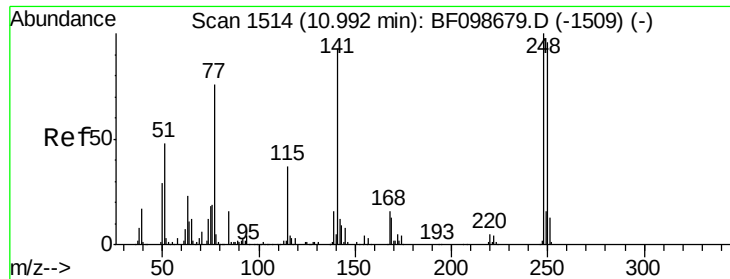


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

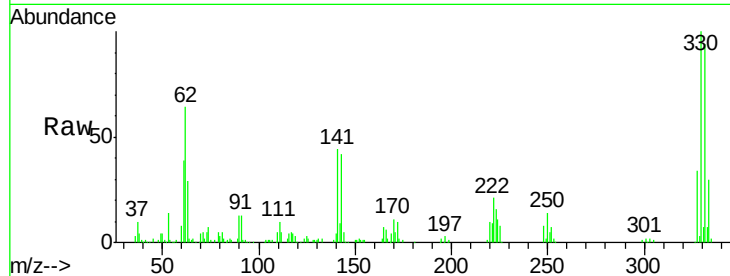




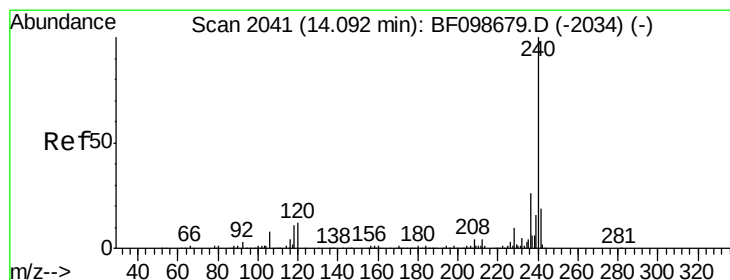
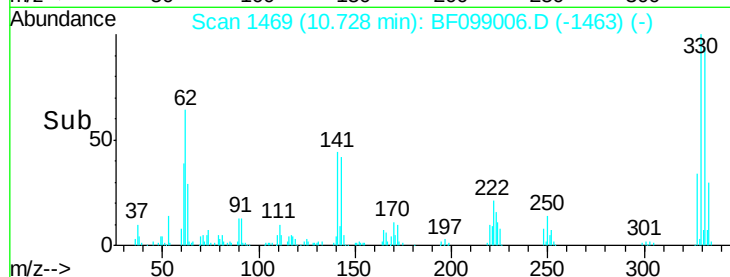
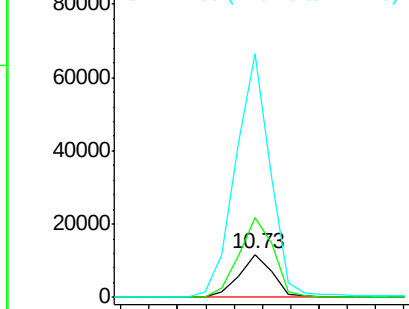
#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.26 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9533
Ion Ratio Lower Upper
248 100
250 184.6 76.9 115.3#
141 566.9 74.4 111.6#

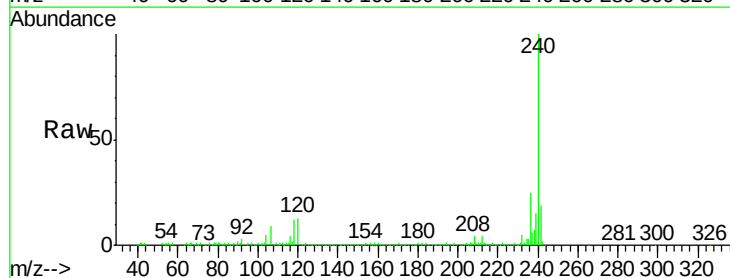


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

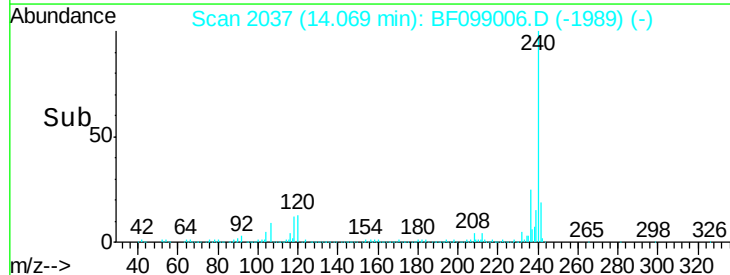
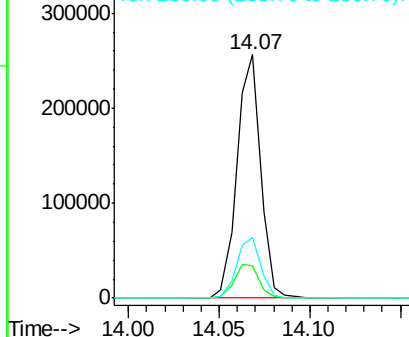


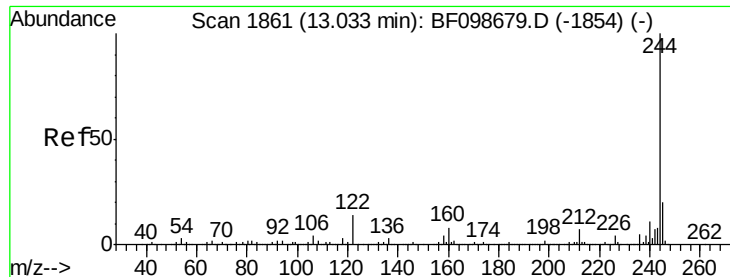
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Tgt Ion:240 Resp: 233087
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 24.8 20.7 31.1



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: 56.90 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BF099006.D

Acq: 2 Oct 2017 18:15

Instrument :

BNA_F

ClientSampleId :

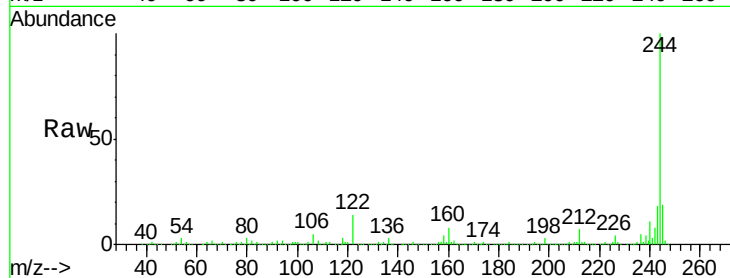
Tot Ion:244 Resp: 583140

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

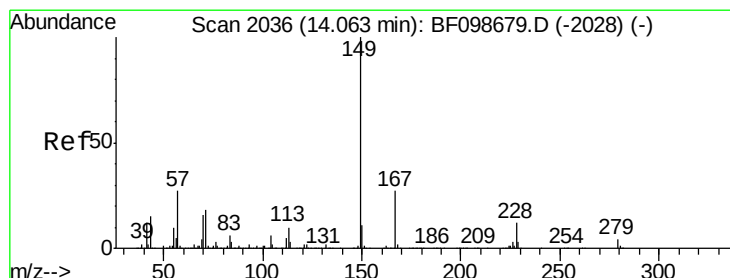
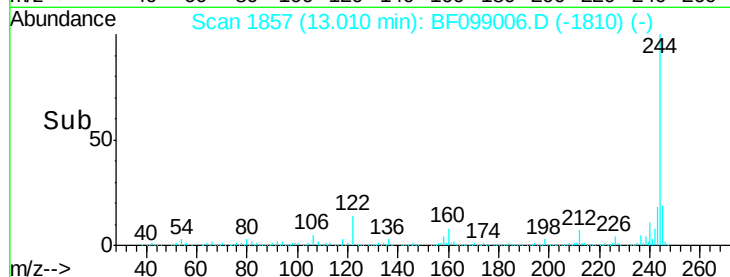
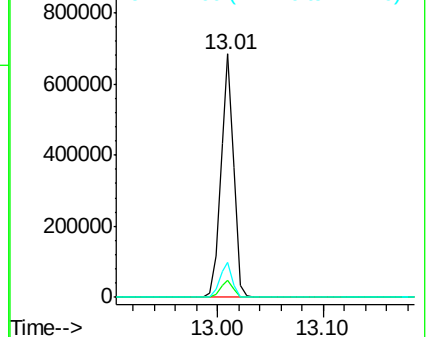
122 14.1 11.0 16.4



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: 5.35 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF099006.D

Acq: 2 Oct 2017 18:15

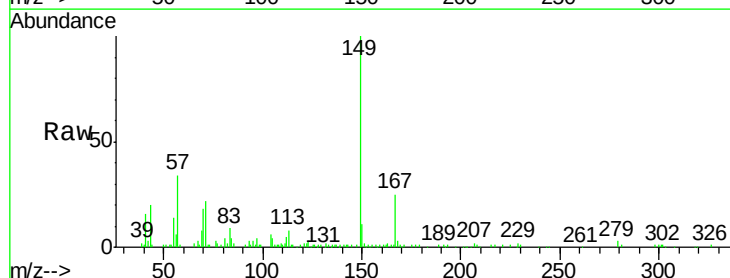
Tgt Ion:149 Resp: 61585

Ion Ratio Lower Upper

149 100

167 25.0 21.3 31.9

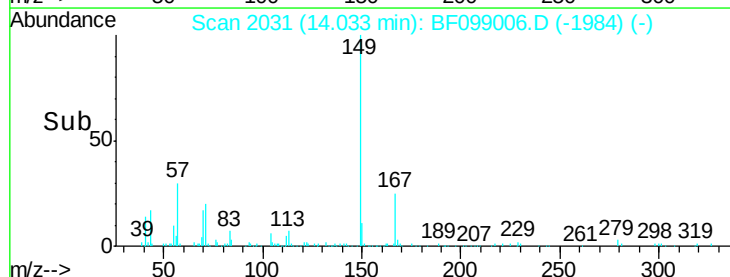
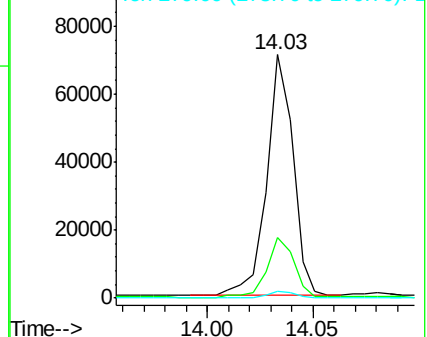
279 2.6 3.0 4.4#

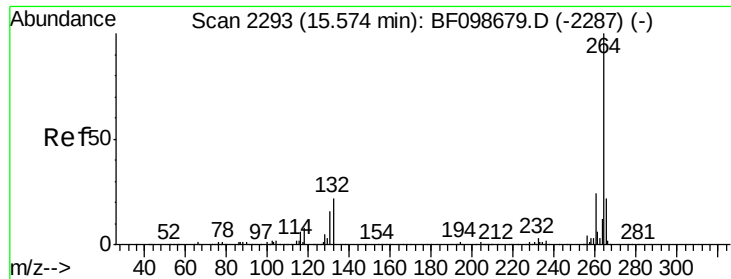


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

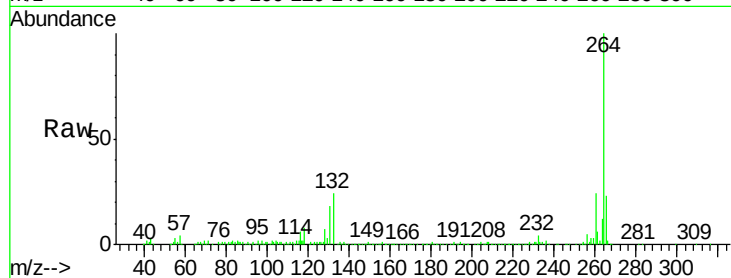




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF099006.D
Acq: 2 Oct 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3



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

