

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099002.D
 Acq On : 2 Oct 2017 16:27
 Operator : SJ/JU
 Sample : I5534-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 00:58:20 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

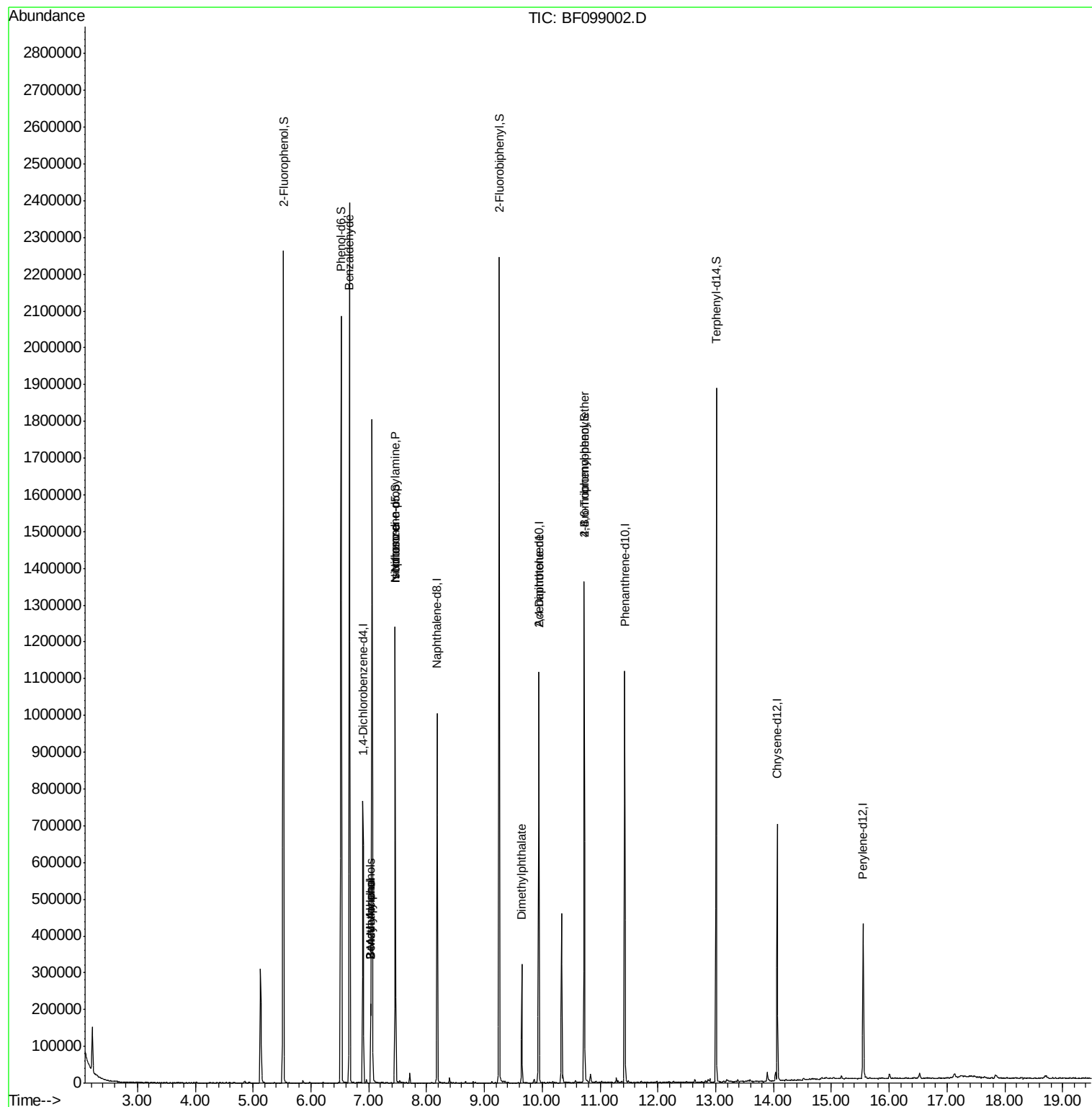
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110239	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	460356	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	201857	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	351713	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	232793	20.00	ng	-0.02
86) Perylene-d12	15.55	264	184268	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	619033	89.39	ng	-0.02
7) Phenol-d6	6.52	99	742105	86.87	ng	-0.02
23) Nitrobenzene-d5	7.46	82	442789	61.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	141618	85.74	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	691615	57.20	ng	-0.02
78) Terphenyl-d14	13.01	244	543943	53.14	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	12690	2.56	ng	Qvalue 88
15) Benzyl Alcohol	7.03	79	44878	7.16	ng	99
17) 2-Methylphenol	7.03	107	22042	3.44	ng	# 19
19) n-Nitroso-di-n-propylamine	7.46	70	56826	10.42	ng	# 78
20) 3+4-Methylphenols	7.03	107	22041	2.72	ng	# 1
25) Isophorone	7.46	82	442783	29.83	ng	# 64
49) Dimethylphthalate	9.65	163	131707	8.64	ng	99
56) 2,4-Dinitrotoluene	9.94	165	25708	5.97	ng	# 23
66) 4-Bromophenyl-phenylether	10.73	248	9891	2.87	ng	# 1

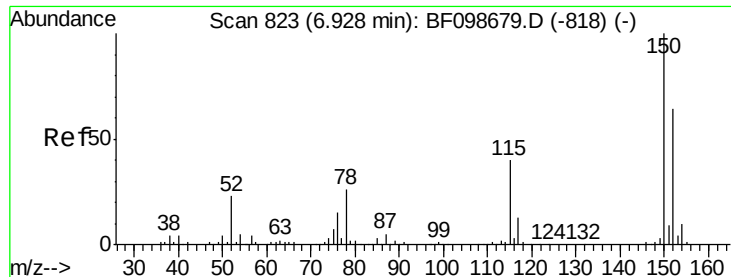
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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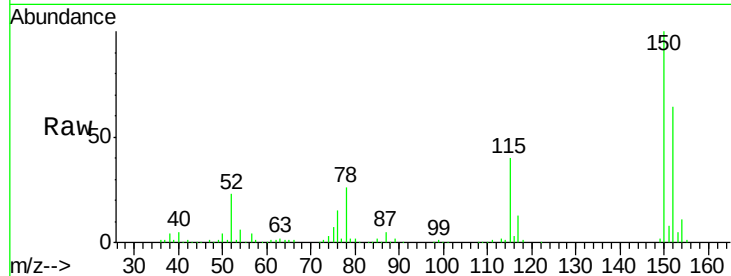


#1

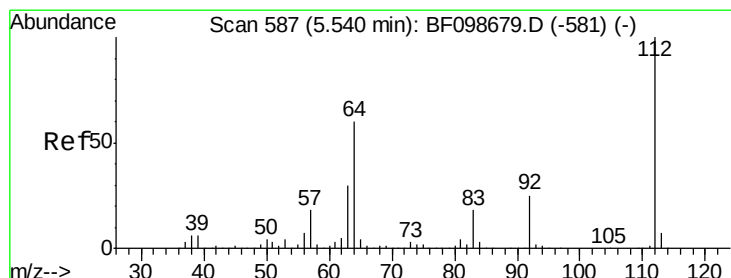
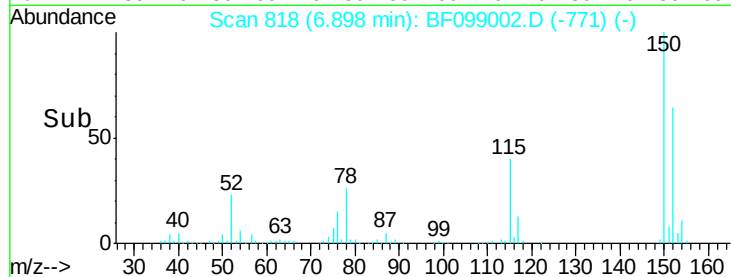
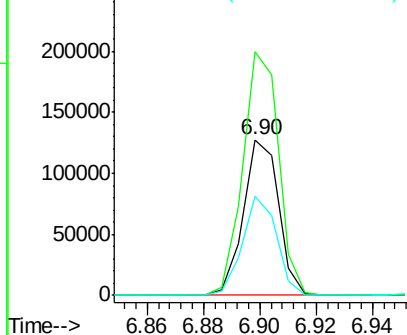
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF099002.D
Acq: 2 Oct 2017 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110239
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 63.5 50.1 75.1



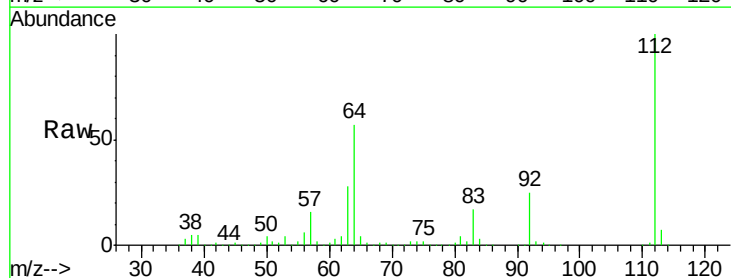
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



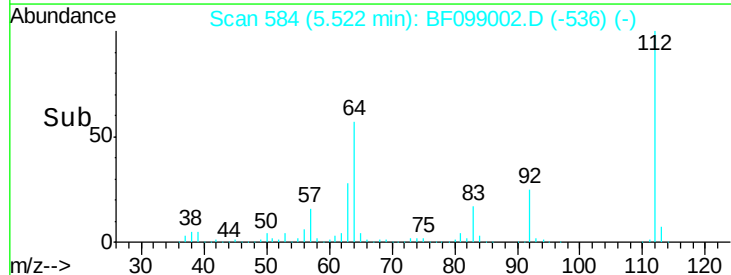
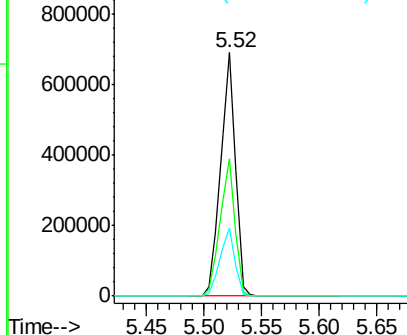
#5

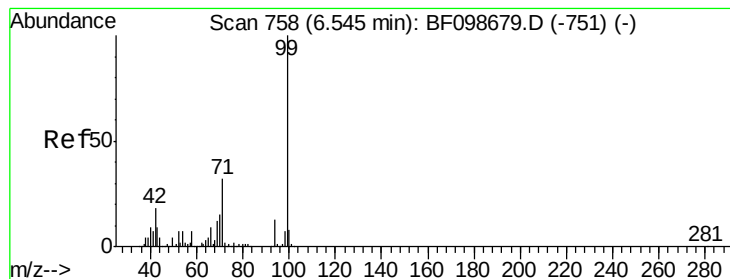
2-Fluorophenol
Concen: 89.39 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF099002.D
Acq: 2 Oct 2017 16:27

Tgt Ion:112 Resp: 619033
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 27.8 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: 86.87 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF099002.D

Acq: 2 Oct 2017 16:27

Instrument :

BNA_F

ClientSampled :

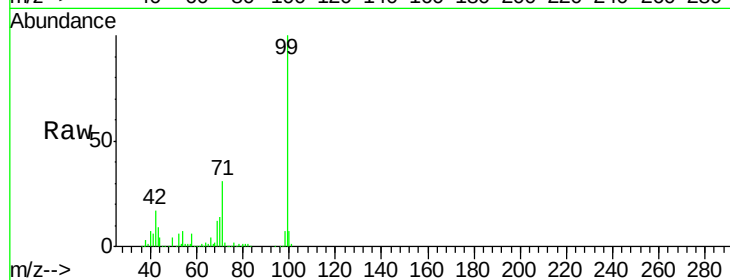
Tot Ion: 99 Resp: 742105

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

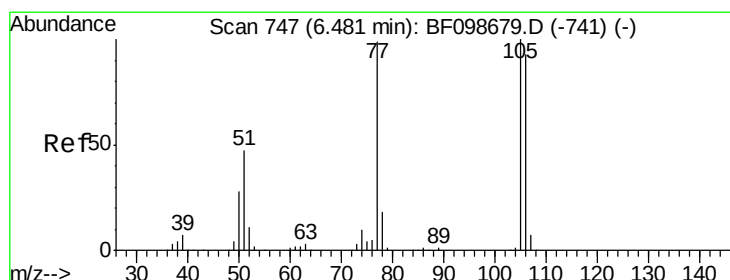
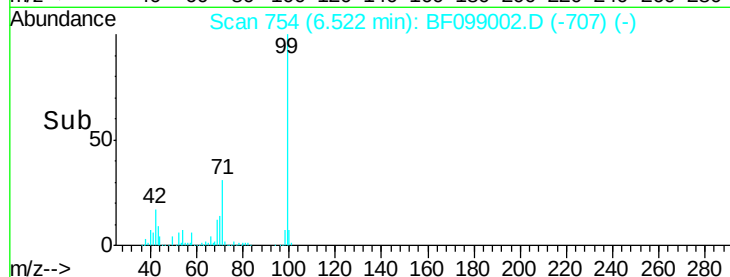
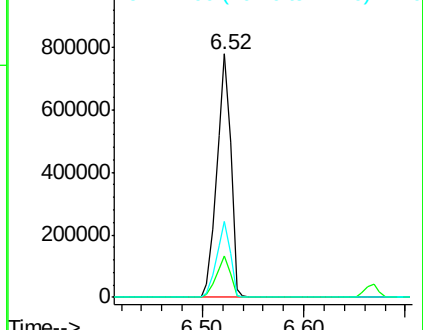
71 31.3 25.4 38.0



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: 2.56 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.19 min

Lab File: BF099002.D

Acq: 2 Oct 2017 16:27

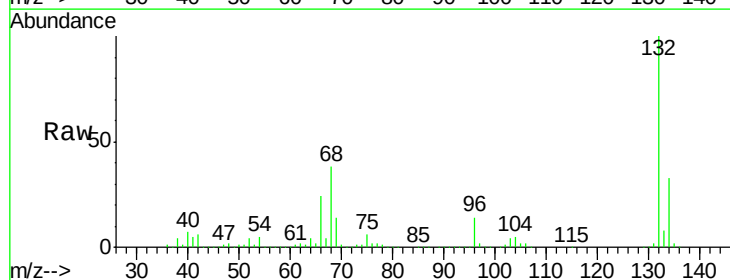
Tgt Ion: 77 Resp: 12690

Ion Ratio Lower Upper

77 100

105 88.1 81.1 121.1

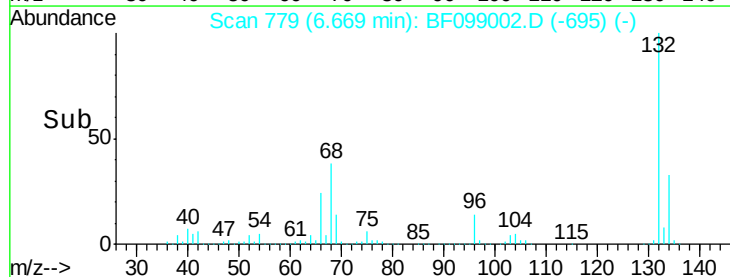
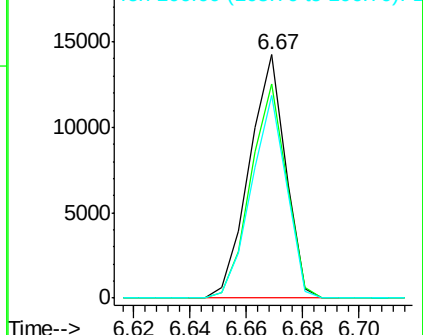
106 83.2 74.5 114.5

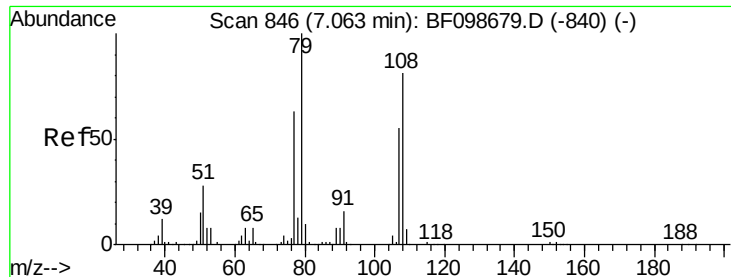


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

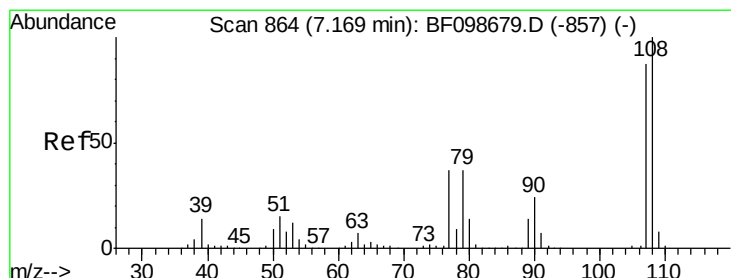
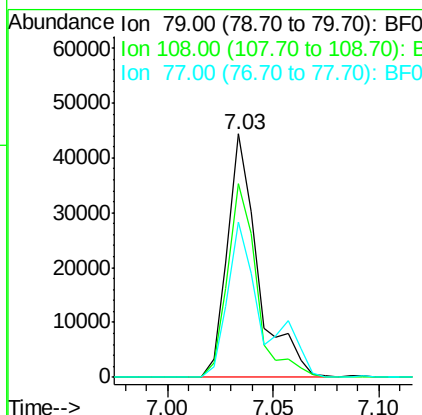
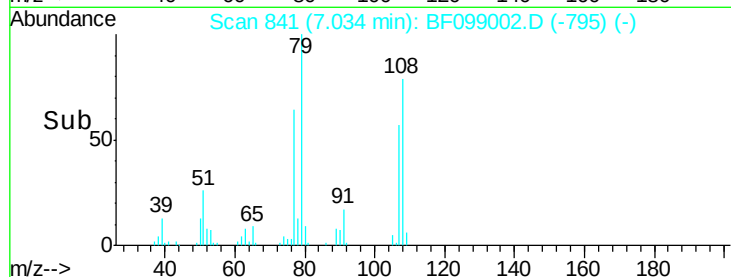
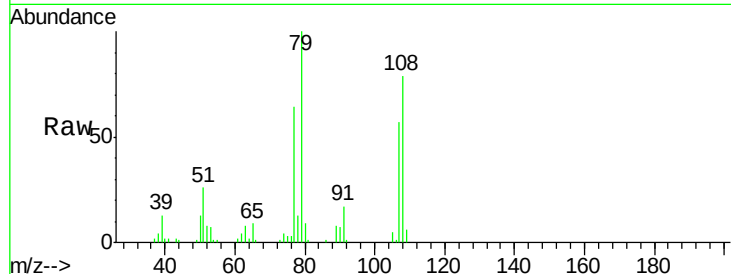




#15
Benzyl Alcohol
Concen: 7.16 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.03 min
Lab File: BF099002.D
Acq: 2 Oct 2017 16:27

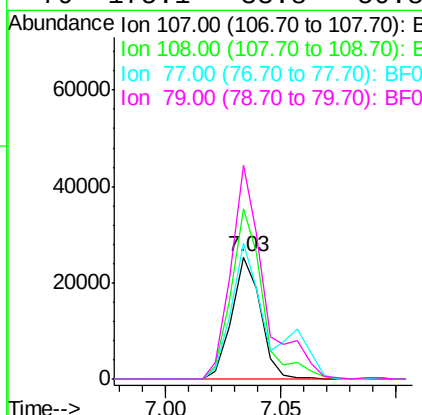
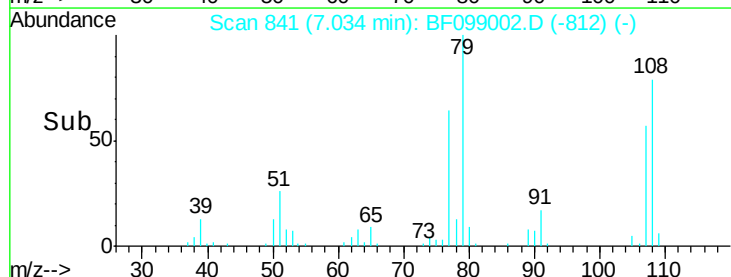
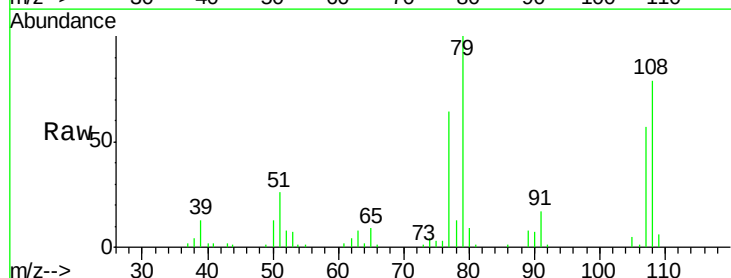
Instrument :
BNA_F
ClientSampled :

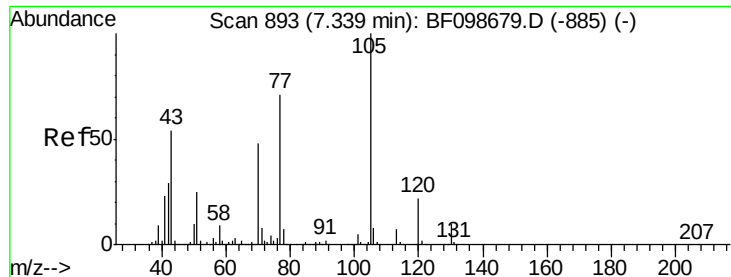
Tot Ion: 79 Resp: 44878
Ion Ratio Lower Upper
79 100
108 79.5 65.1 97.7
77 63.6 50.6 75.8



#17
2-Methylphenol
Concen: 3.44 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.13 min
Lab File: BF099002.D
Acq: 2 Oct 2017 16:27

Tgt Ion: 107 Resp: 22042
Ion Ratio Lower Upper
107 100
108 139.2 91.7 137.5#
77 111.4 33.8 50.8#
79 175.1 33.8 50.8#





#19

n-Nitroso-di-n-propylamine

Concen: 10.42 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.12 min

Lab File: BF099002.D

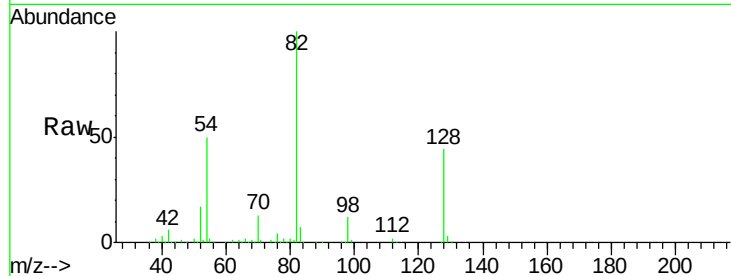
Acq: 2 Oct 2017 16:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	56826
Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



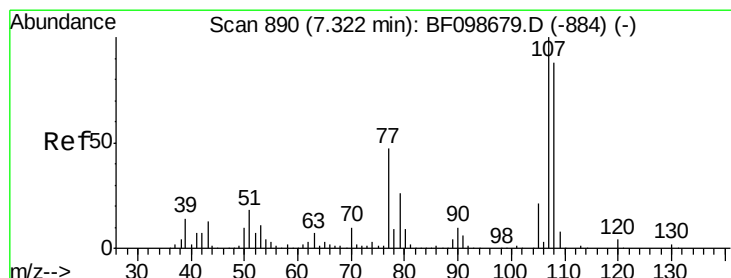
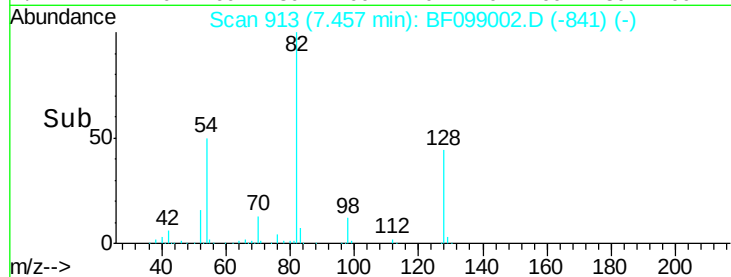
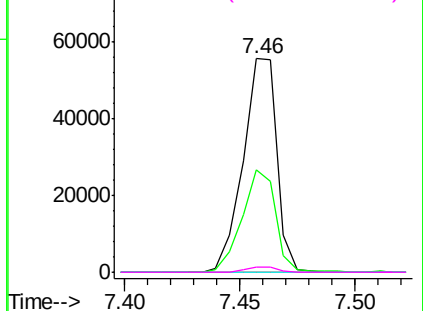
Abundance

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



#20

3+4-Methylphenols

Concen: 2.72 ng

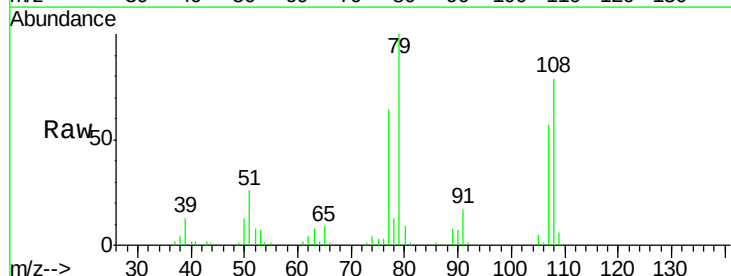
RT: 7.03 min Scan# 841

Delta R.T. -0.29 min

Lab File: BF099002.D

Acq: 2 Oct 2017 16:27

Tgt Ion:	107	Resp:	22041
Ion	Ratio	Lower	Upper
107	100		
108	139.2	68.2	108.2#
77	111.4	26.7	66.7#
79	175.1	6.3	46.3#



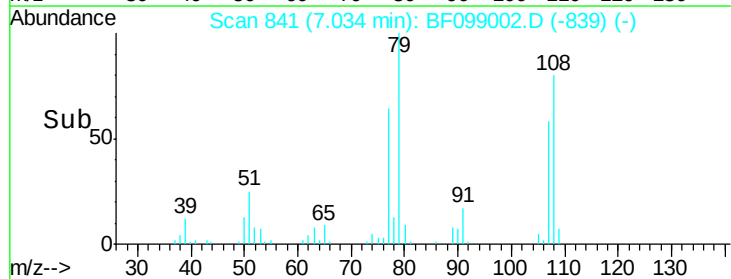
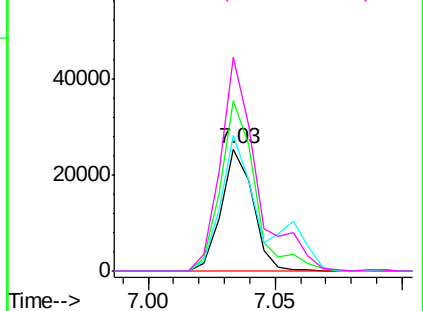
Abundance

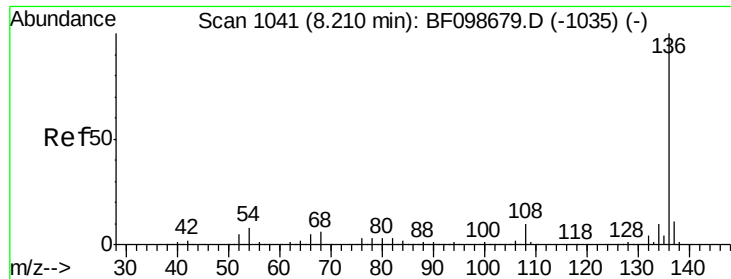
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

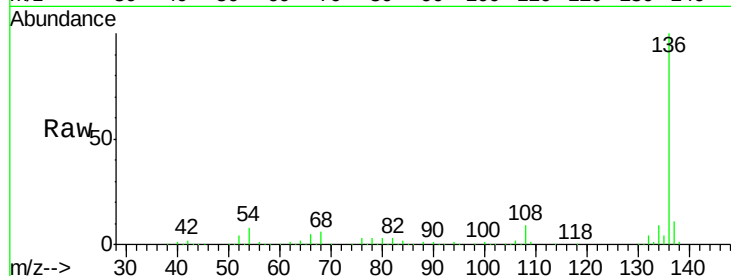




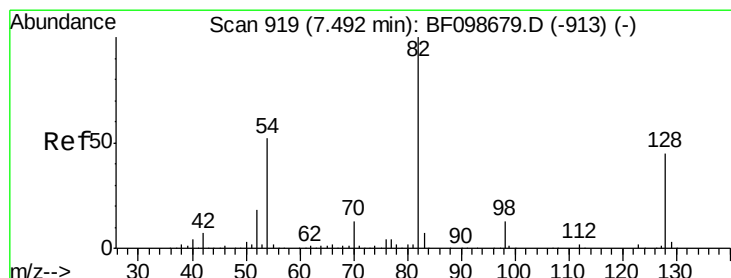
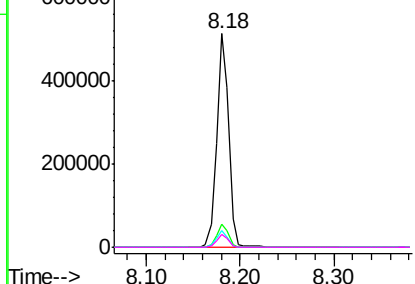
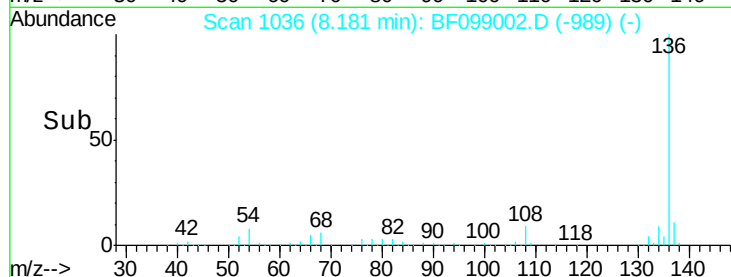
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF099002.D
Acq: 2 Oct 2017 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	460356
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.7	6.6 9.8
68	6.3	5.0 7.4

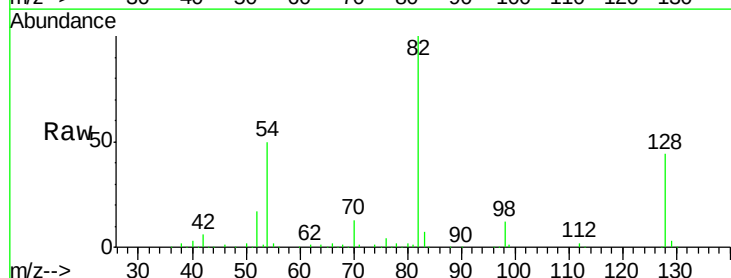


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

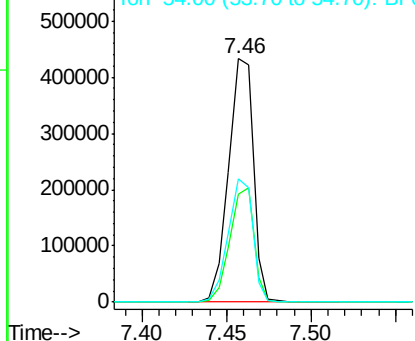
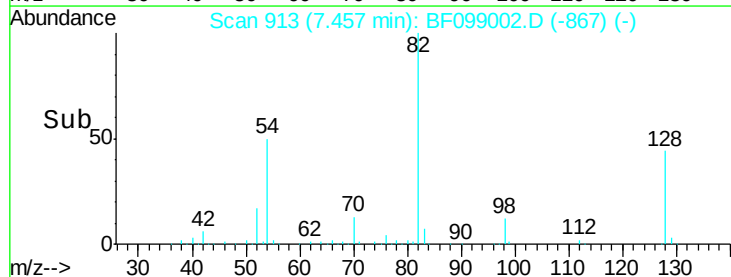


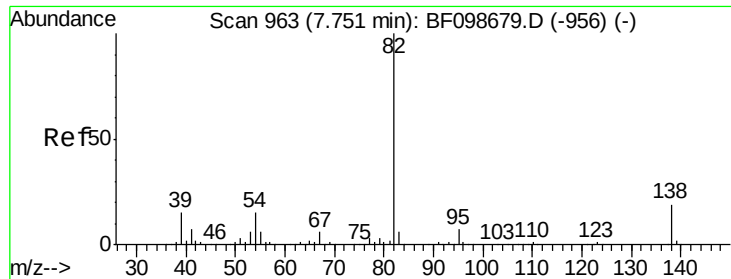
#23
Nitrobenzene-d5
Concen: 61.68 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BF099002.D
Acq: 2 Oct 2017 16:27

Tgt Ion: 82	Resp:	442789
Ion Ratio	Lower	Upper
82	100	
128	44.5	36.1 54.1
54	50.4	41.4 62.2



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

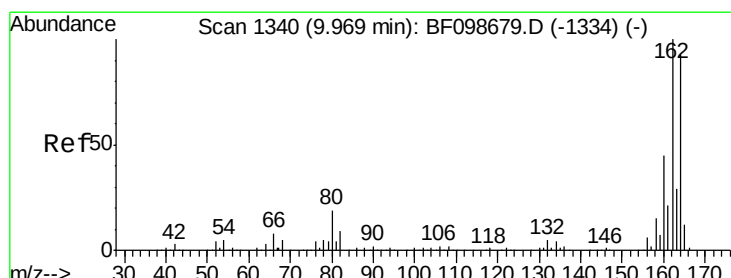
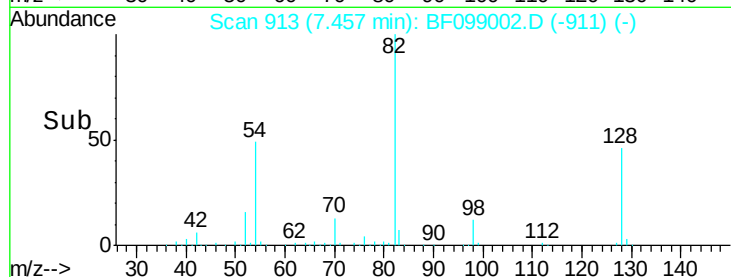
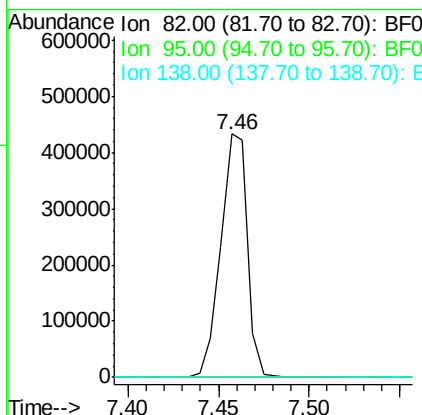
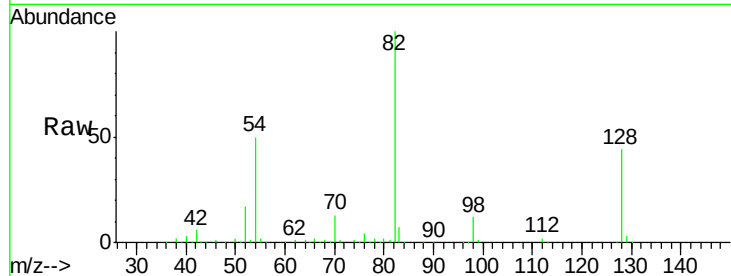




#25
Isophorone
Concen: 29.83 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.29 min
Lab File: BF099002.D
Acq: 2 Oct 2017 16:27

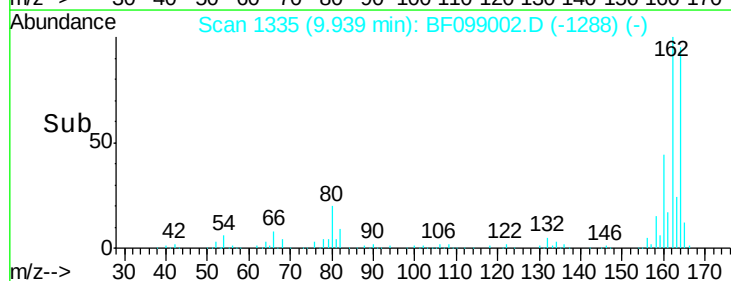
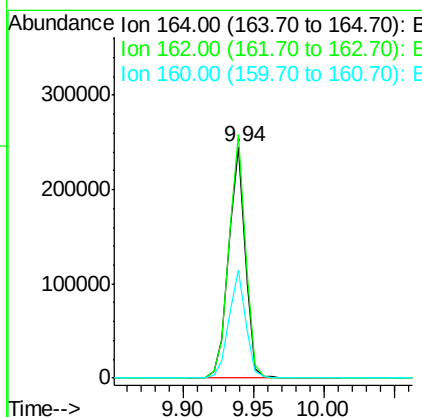
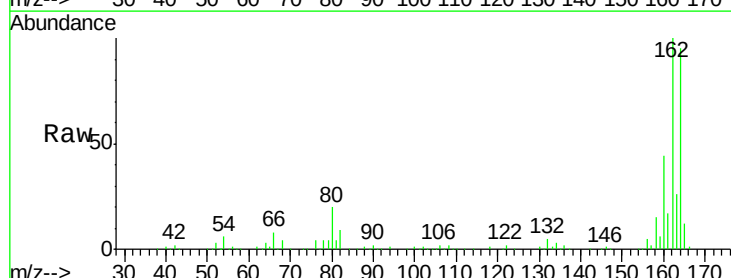
Instrument :
BNA_F
ClientSampleId :

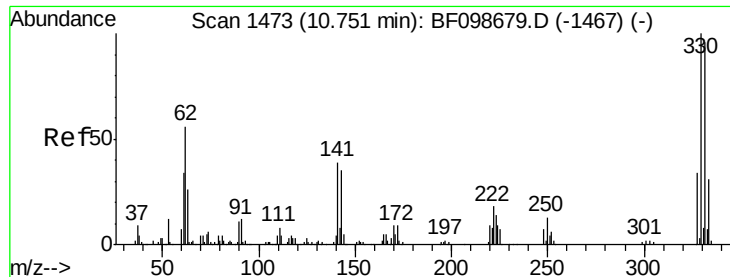
Tot Ion: 82 Resp: 442783
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF099002.D
Acq: 2 Oct 2017 16:27

Tgt Ion:164 Resp: 201857
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 46.5 38.3 57.5

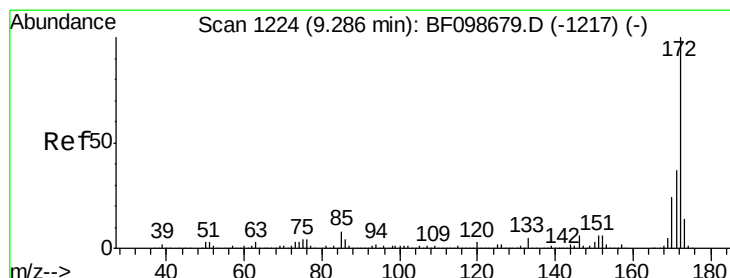
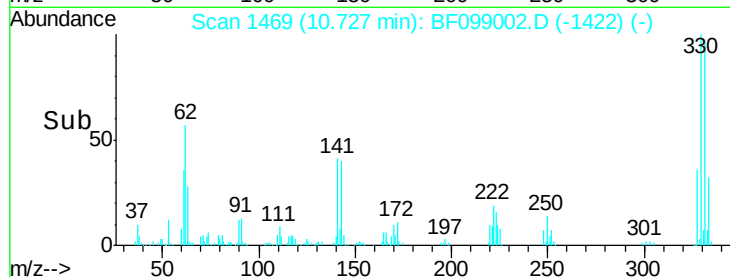
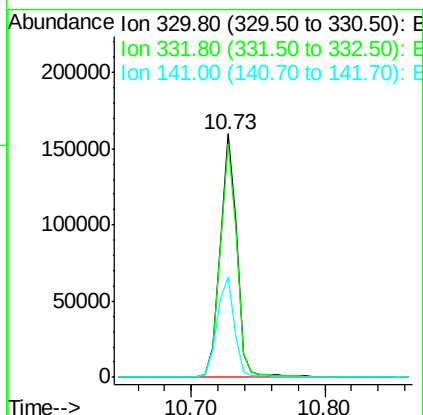
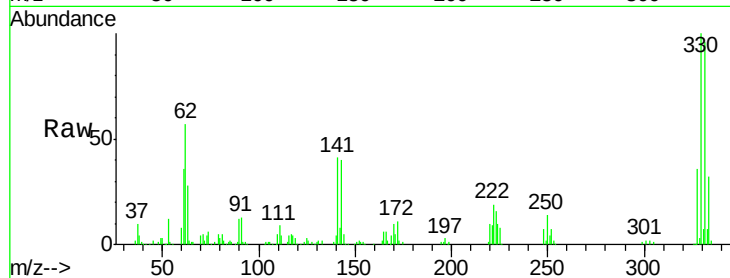




#41
 2,4,6-Tribromophenol
 Concen: 85.74 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BF099002.D
 Acq: 2 Oct 2017 16:27

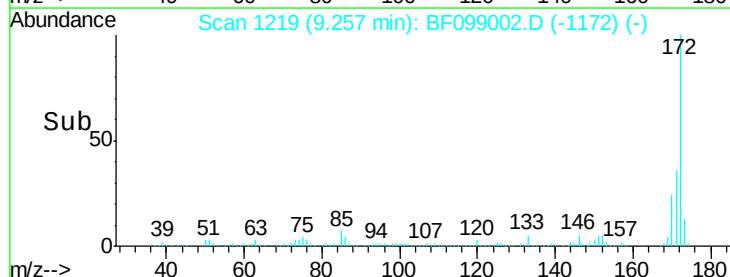
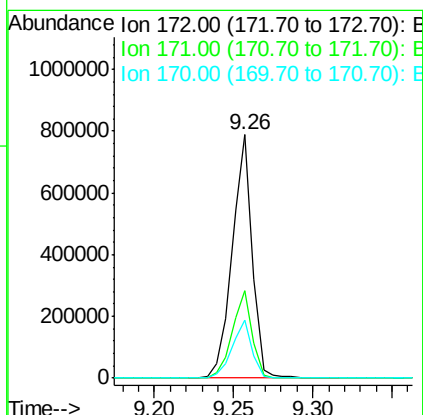
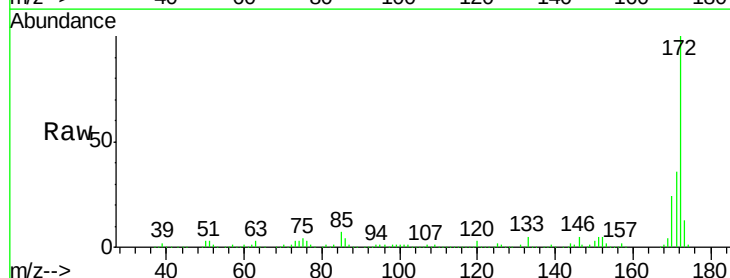
Instrument :
 BNA_F
 ClientSampleId :

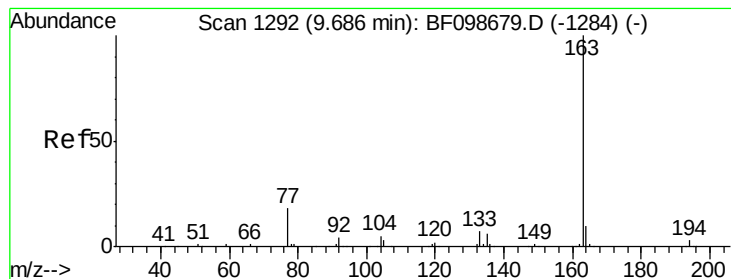
Tot Ion:330 Resp: 141618
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 43.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 57.20 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF099002.D
 Acq: 2 Oct 2017 16:27

Tgt Ion:172 Resp: 691615
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.7 19.6 29.4





#49

Dimethylphthalate

Concen: 8.64 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.04 min

Lab File: BF099002.D

Acq: 2 Oct 2017 16:27

Instrument :

BNA_F

ClientSampleId :

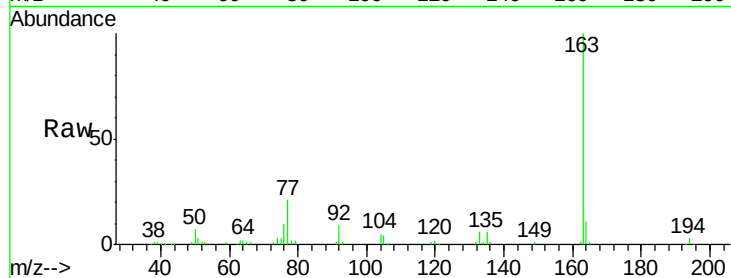
Tot Ion:163 Resp: 131707

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

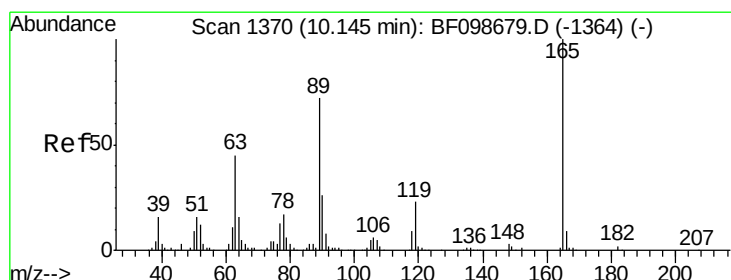
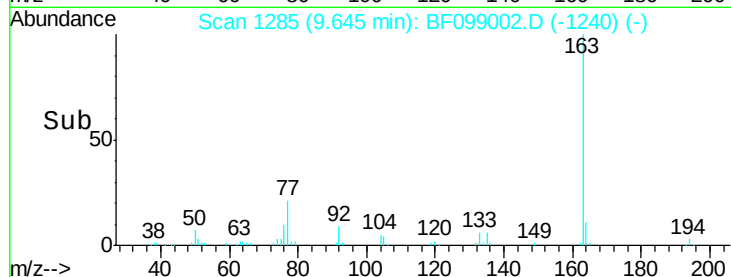
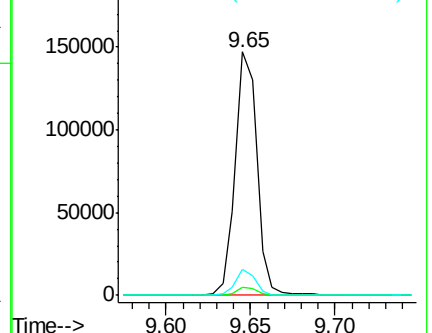
164 10.6 8.2 12.2



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: 5.97 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.21 min

Lab File: BF099002.D

Acq: 2 Oct 2017 16:27

Tgt Ion:165 Resp: 25708

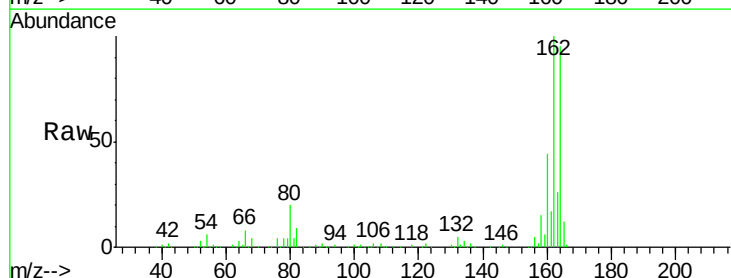
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

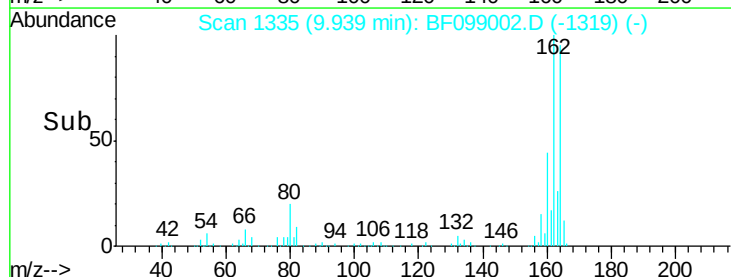
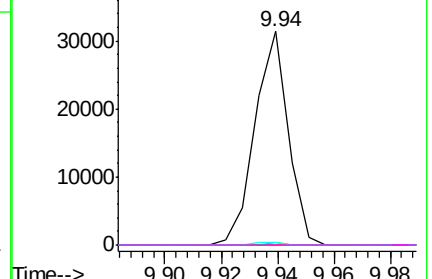


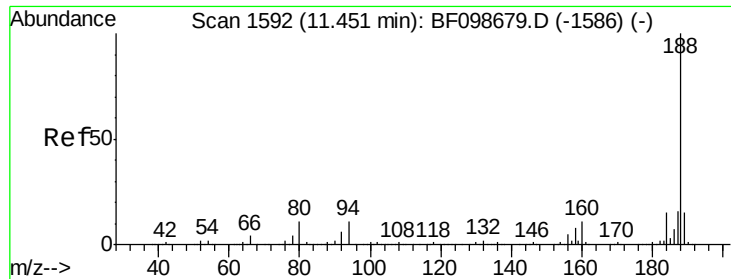
Abundance Ion 165.00 (164.70 to 165.70): E

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

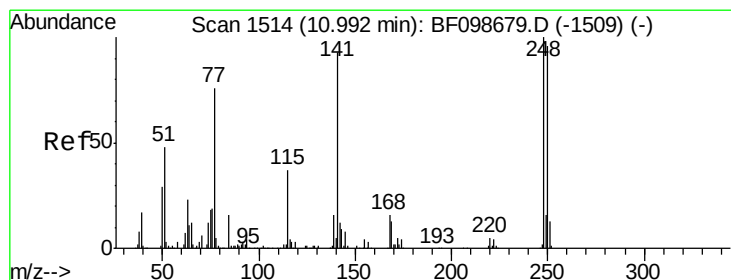
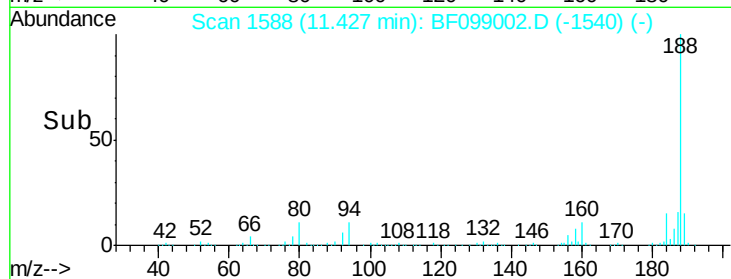
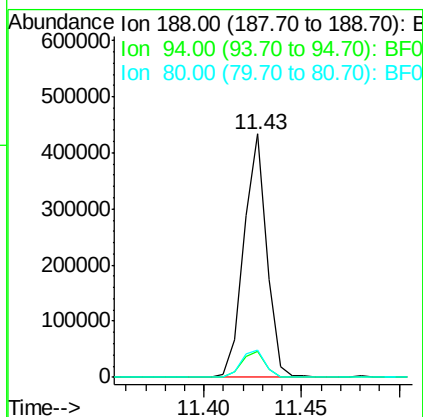
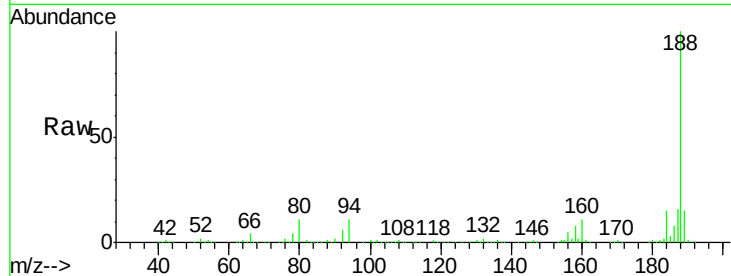




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF099002.D
 Acq: 2 Oct 2017 16:27

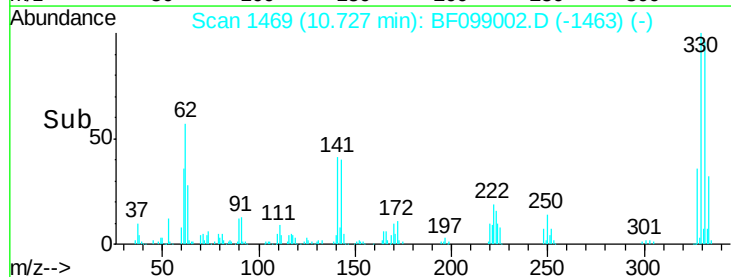
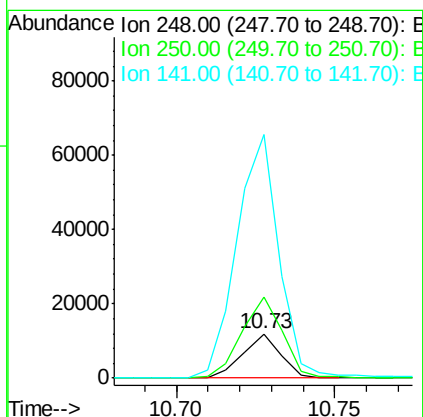
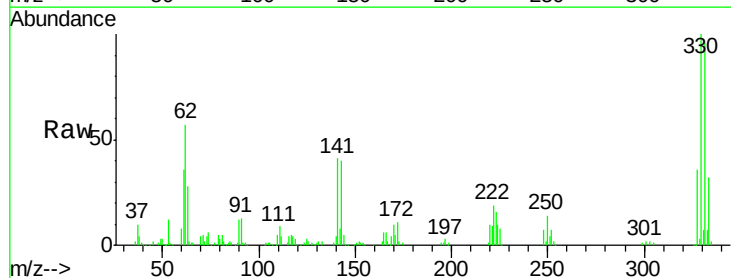
Instrument :
 BNA_F
 ClientSampleID :

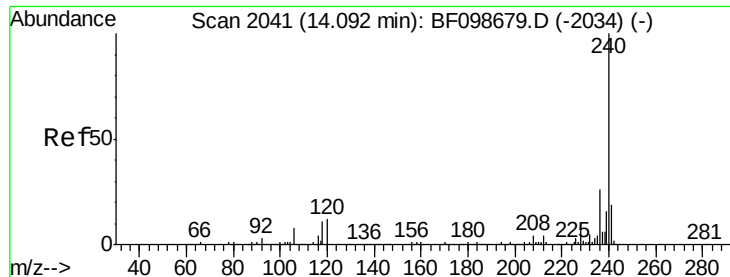
Tot Ion:188 Resp: 351713
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.87 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.26 min
 Lab File: BF099002.D
 Acq: 2 Oct 2017 16:27

Tgt Ion:248 Resp: 9891
 Ion Ratio Lower Upper
 248 100
 250 183.0 76.9 115.3#
 141 550.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF099002.D

Acq: 2 Oct 2017 16:27

Instrument :

BNA_F

ClientSampleId :

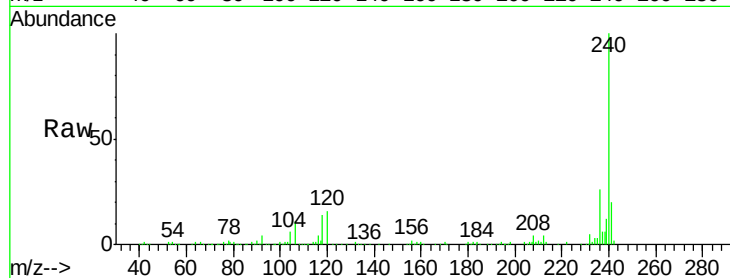
Tot Ion:240 Resp: 232793

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

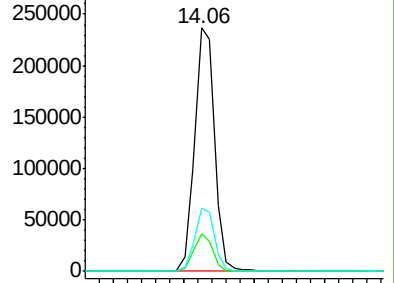
236 26.1 20.7 31.1



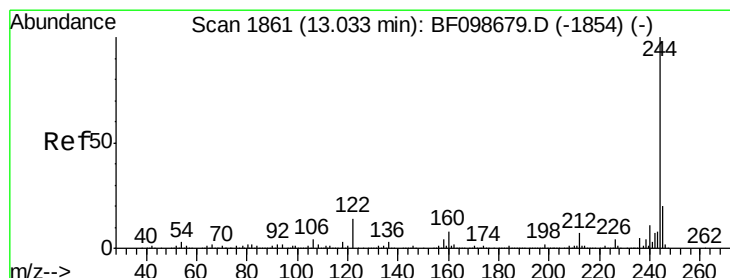
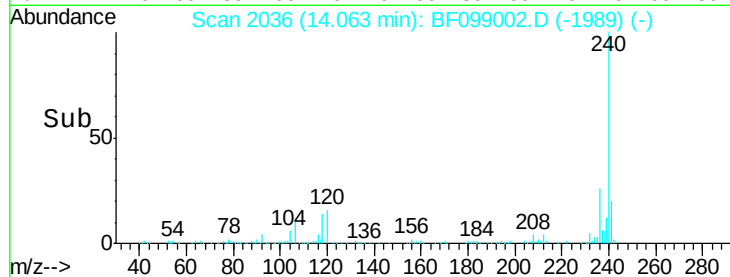
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 53.14 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BF099002.D

Acq: 2 Oct 2017 16:27

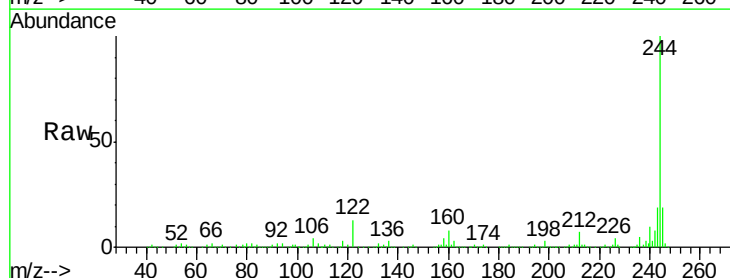
Tgt Ion:244 Resp: 543943

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

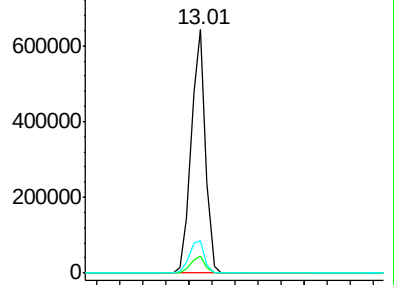
122 13.3 11.0 16.4



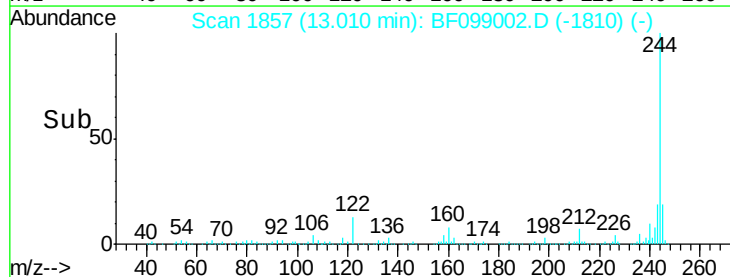
Abundance Ion 244.00 (243.70 to 244.70): E

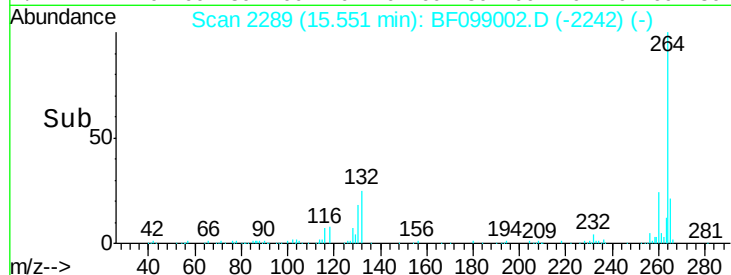
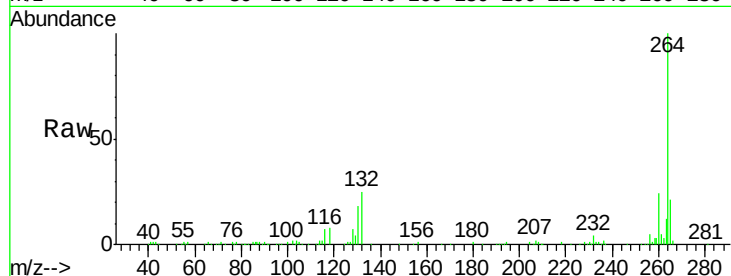
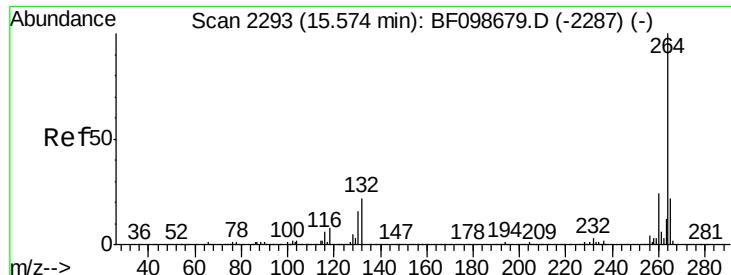
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF099002.D
 Acq: 2 Oct 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	184268
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3

