

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099509.D
 Acq On : 15 Oct 2017 13:04
 Operator : SJ/JU
 Sample : I5752-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:03:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

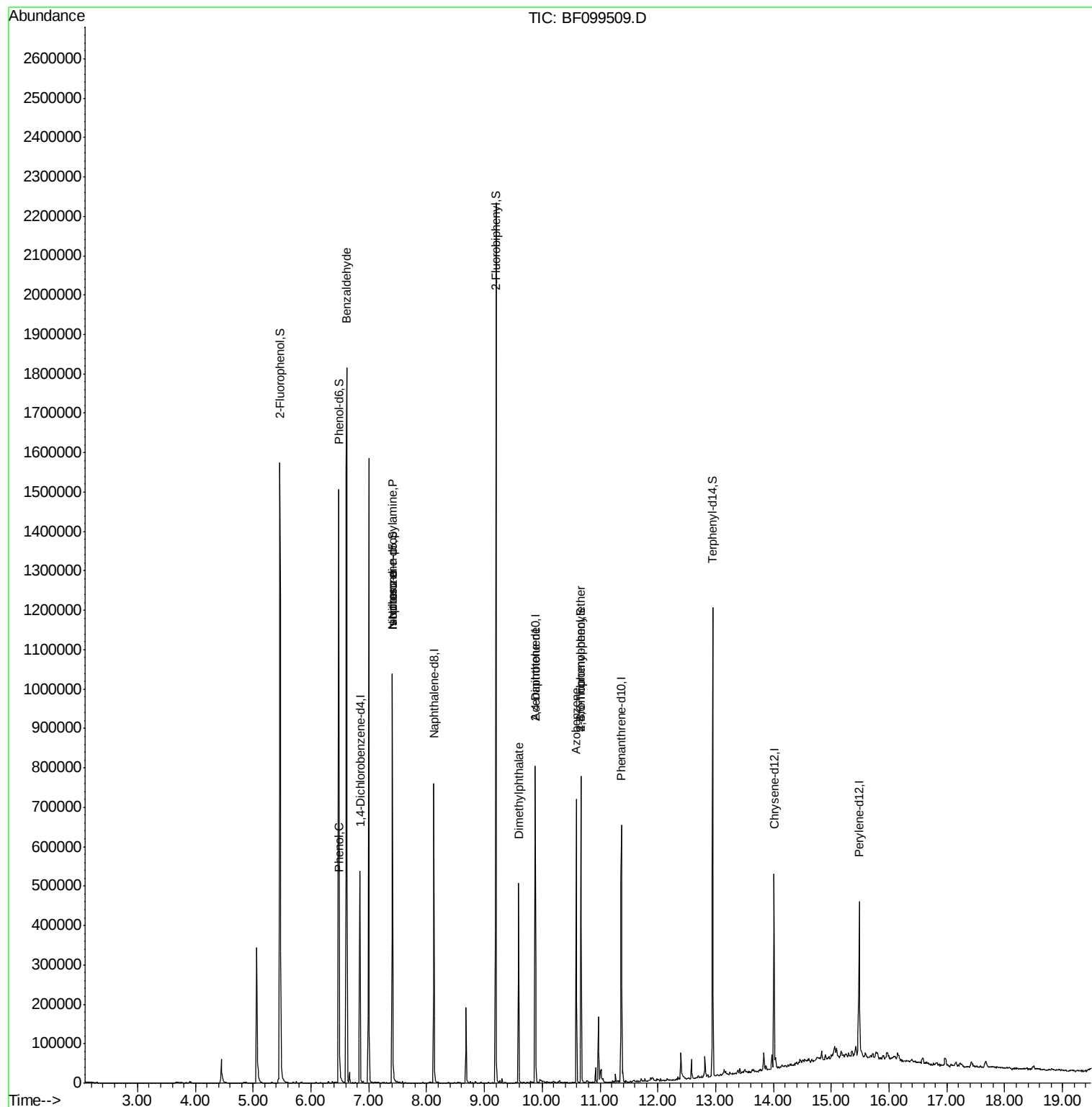
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	86201	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	347622	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	148160	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	222288	20.00	ng	0.00
75) Chrysene-d12	14.01	240	145017	20.00	ng	0.00
86) Perylene-d12	15.48	264	163517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	478874	88.44	ng	0.00
7) Phenol-d6	6.48	99	580112	86.84	ng	0.00
23) Nitrobenzene-d5	7.41	82	348716	64.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	78156	64.47	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	637375	71.82	ng	-0.01
78) Terphenyl-d14	12.95	244	364022	57.09	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	9621	2.48	ng	86
10) Phenol	6.49	94	32300	4.32	ng	99
19) n-Nitroso-di-n-propylamine	7.41	70	43900	10.29	ng	# 74
25) Isophorone	7.41	82	348716	31.12	ng	# 64
49) Dimethylphthalate	9.59	163	184618	16.51	ng	99
56) 2,4-Dinitrotoluene	9.88	165	19131	6.06	ng	# 23
62) Azobenzene	10.59	77	122022	12.15	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	5298	2.43	ng	# 1

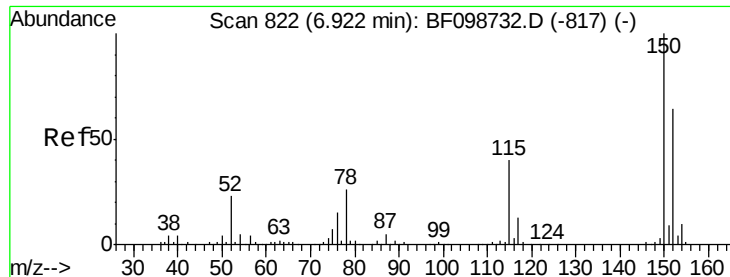
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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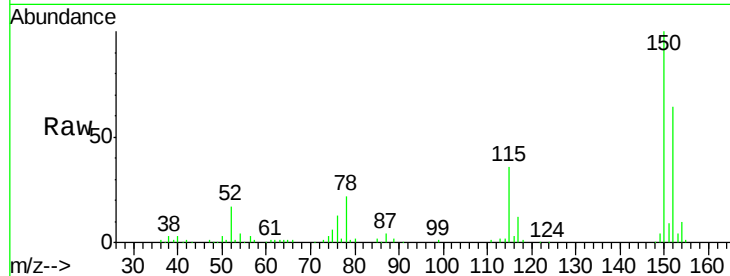




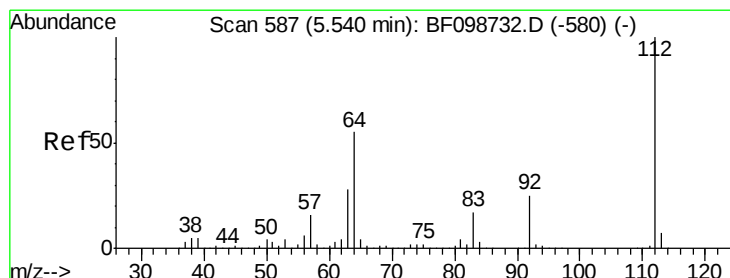
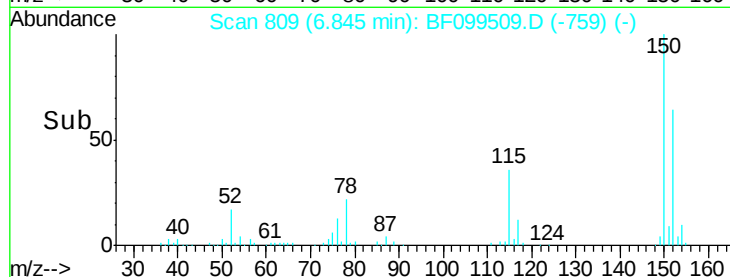
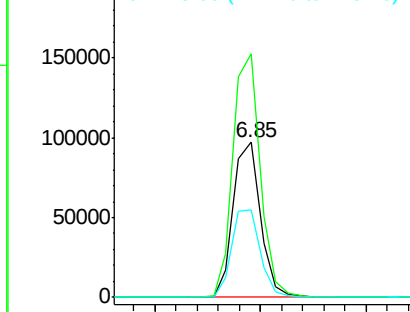
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099509.D
 Acq: 15 Oct 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 86201
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 56.4 50.1 75.1

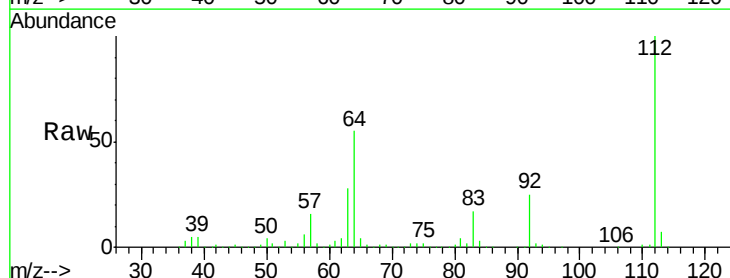


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

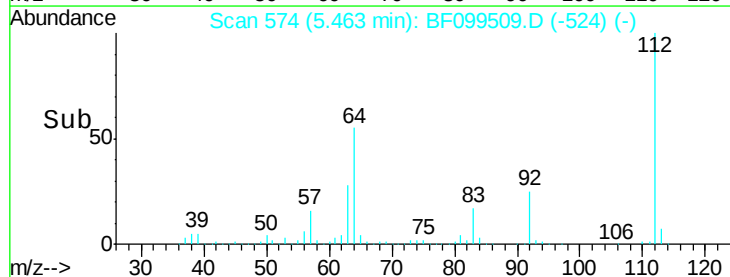
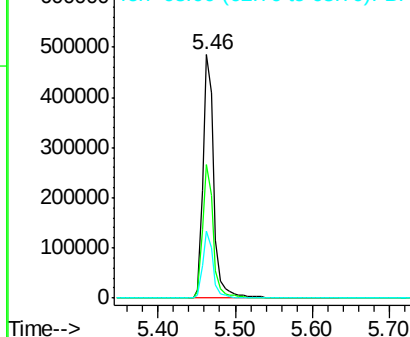


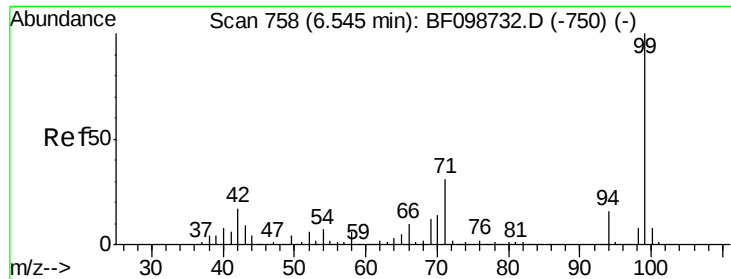
#5
 2-Fluorophenol
 Concen: 88.44 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF099509.D
 Acq: 15 Oct 2017 13:04

Tgt Ion:112 Resp: 478874
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 27.5 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: 86.84 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099509.D

Acq: 15 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

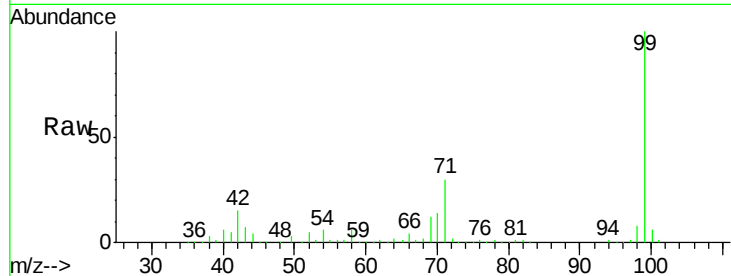
Tot Ion: 99 Resp: 580112

Ion Ratio Lower Upper

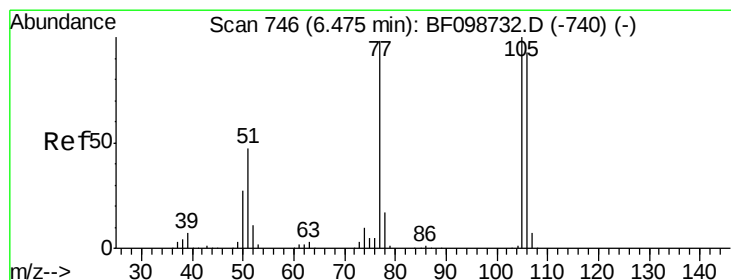
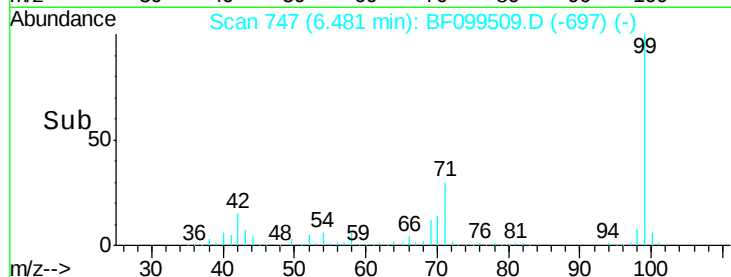
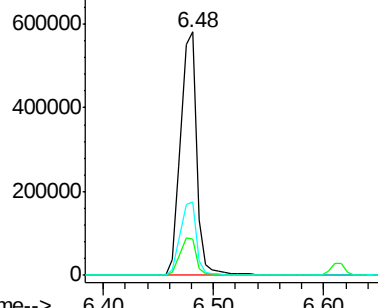
99 100

42 14.7 14.5 21.7

71 30.1 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: 2.48 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099509.D

Acq: 15 Oct 2017 13:04

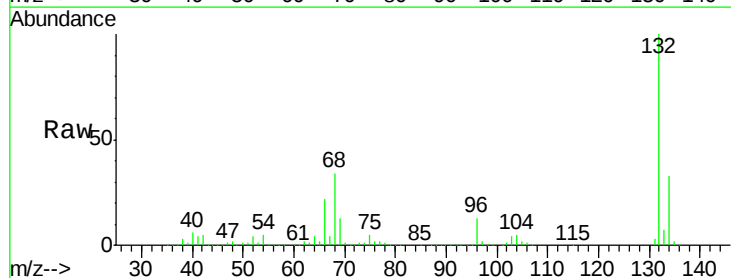
Tgt Ion: 77 Resp: 9621

Ion Ratio Lower Upper

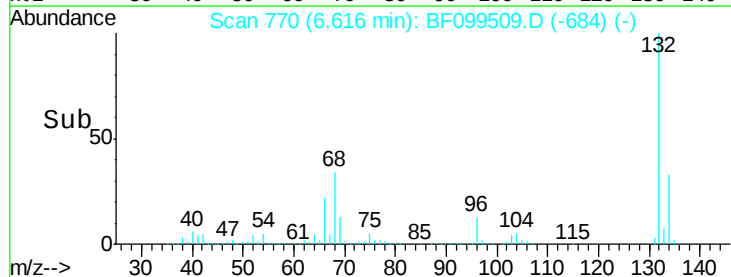
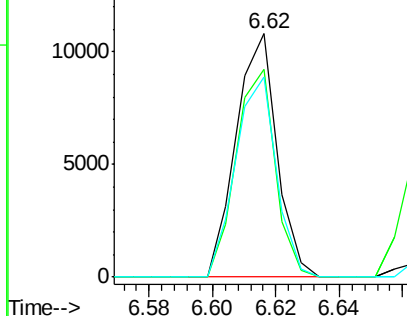
77 100

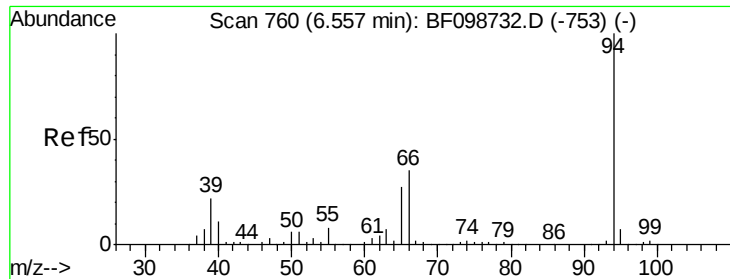
105 85.1 81.1 121.1

106 82.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 4.32 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099509.D

Acq: 15 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

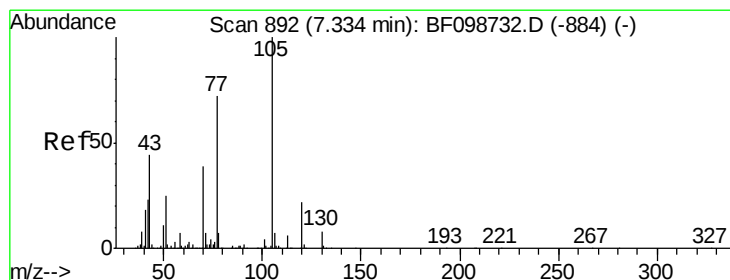
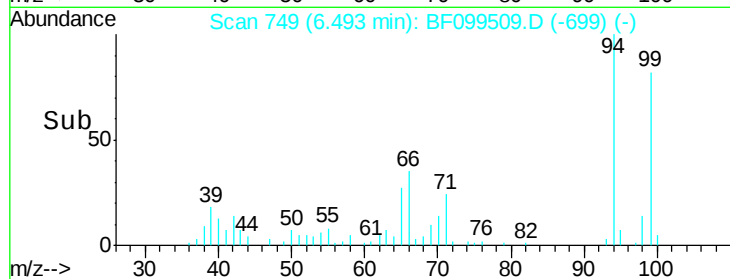
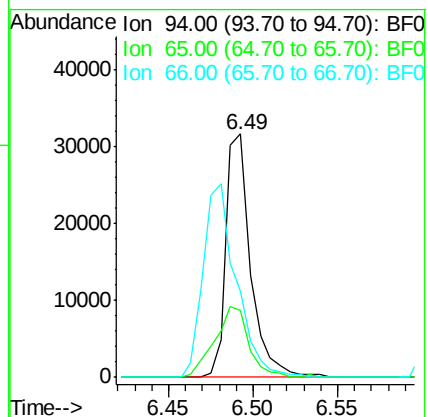
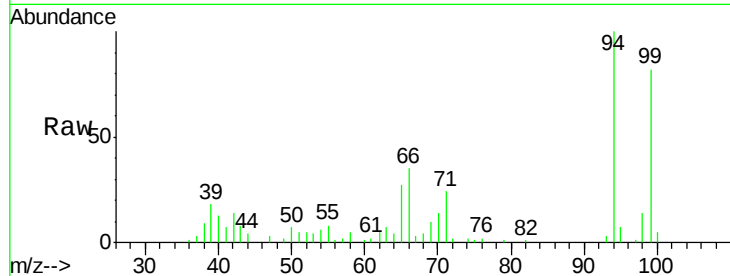
Tot Ion: 94 Resp: 32300

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

66 35.5 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.29 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099509.D

Acq: 15 Oct 2017 13:04

Tgt Ion: 70 Resp: 43900

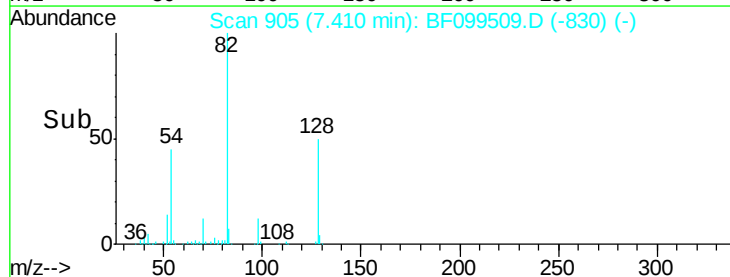
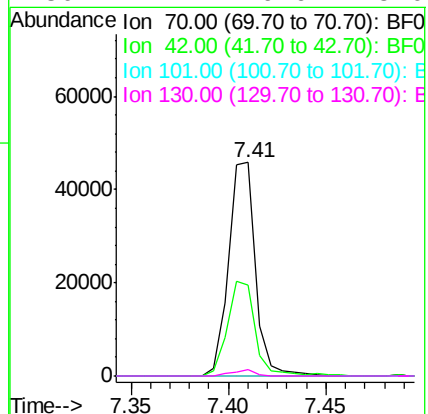
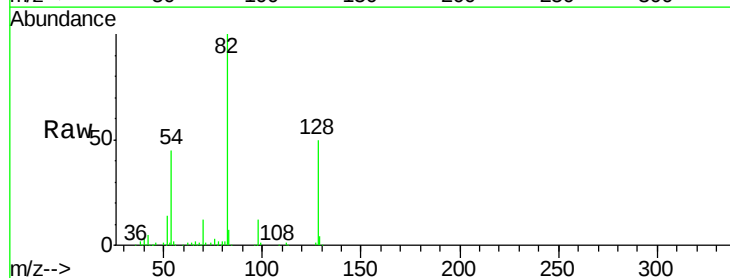
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

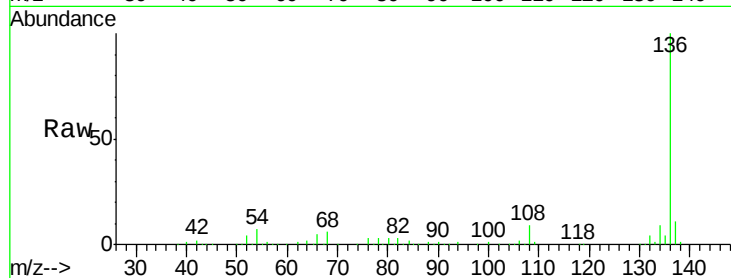




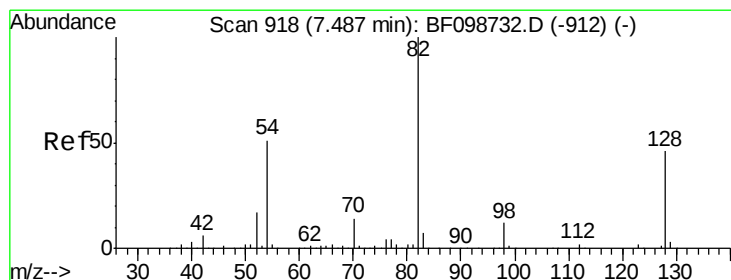
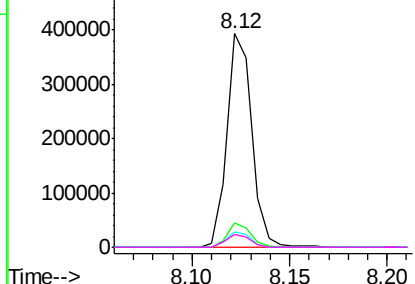
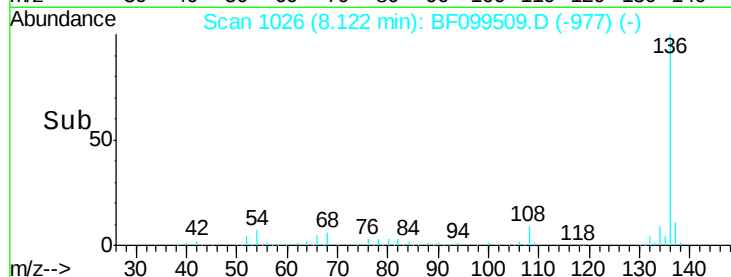
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099509.D
Acq: 15 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	347622
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.5	6.6 9.8
68	6.0	5.0 7.4

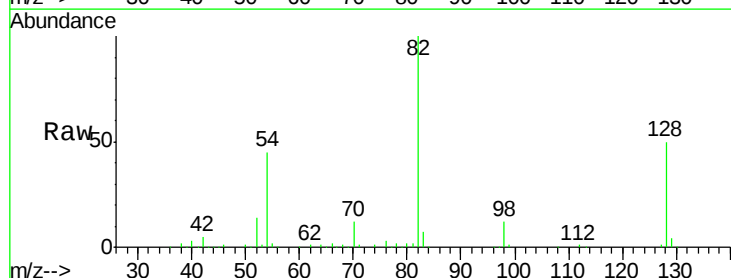


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

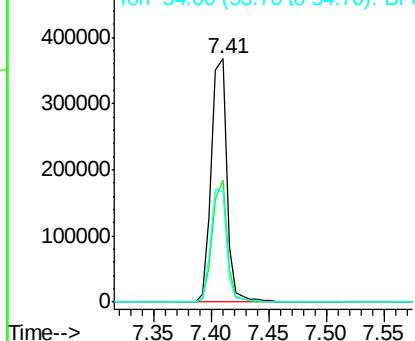
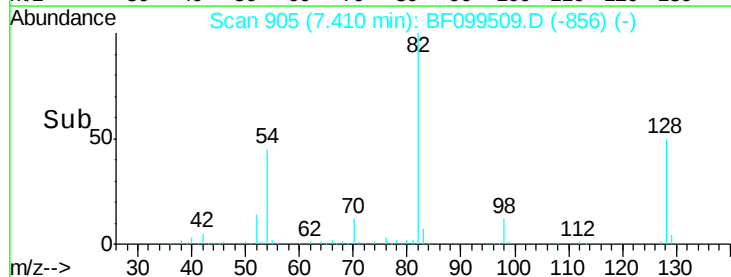


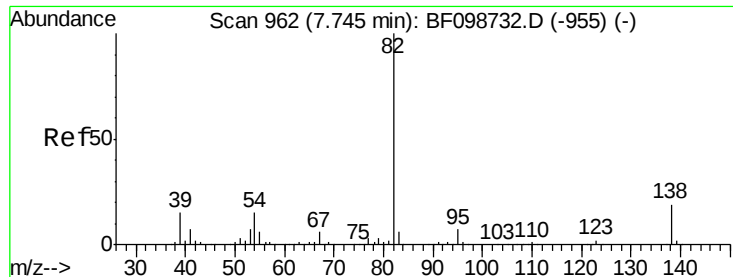
#23
Nitrobenzene-d5
Concen: 64.33 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099509.D
Acq: 15 Oct 2017 13:04

Tgt Ion: 82	Resp:	348716
Ion Ratio	Lower	Upper
82	100	
128	49.9	36.1 54.1
54	45.4	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

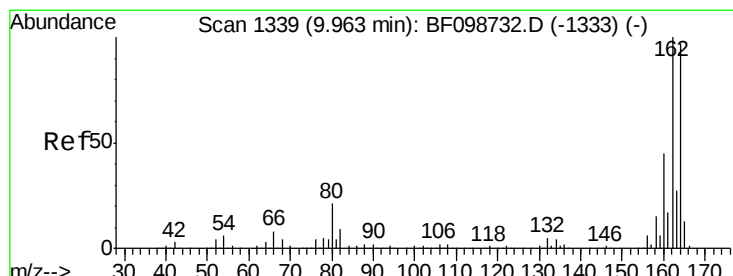
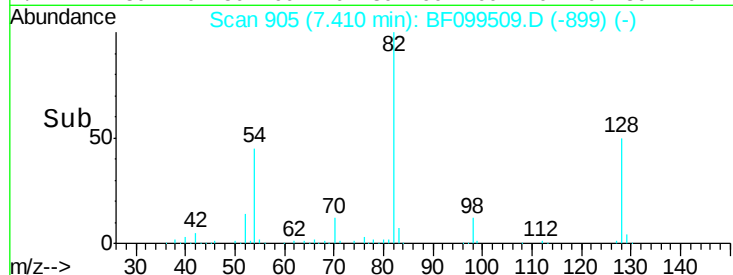
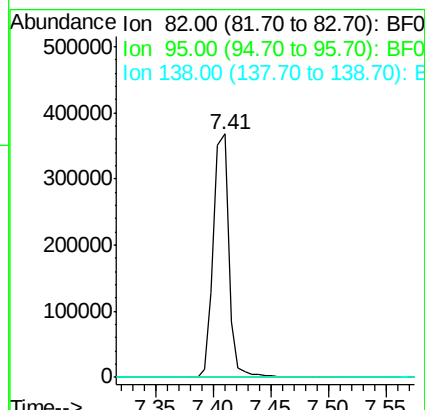
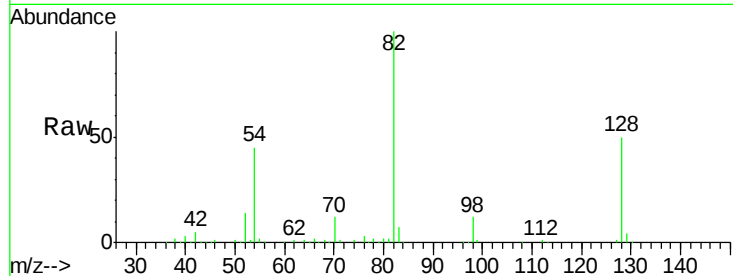




#25
Isophorone
Concen: 31.12 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099509.D
Acq: 15 Oct 2017 13:04

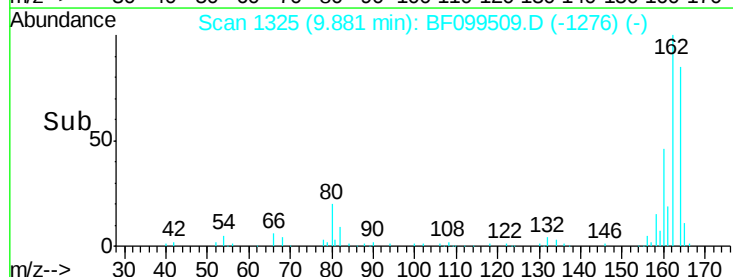
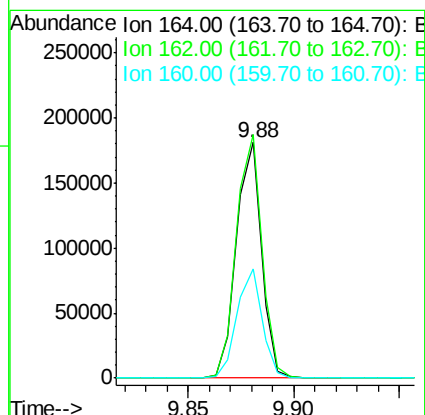
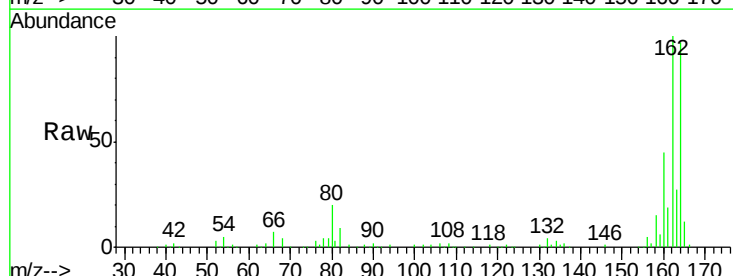
Instrument :
BNA_F
ClientSampled :

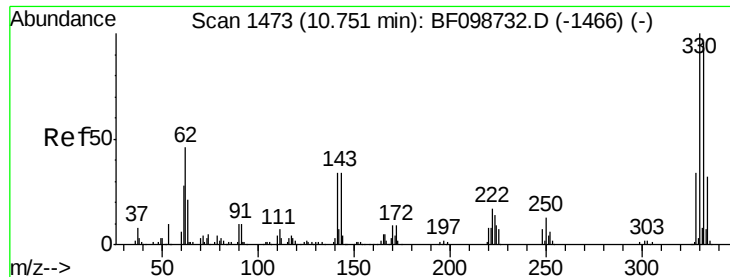
Tot Ion: 82 Resp: 348716
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099509.D
Acq: 15 Oct 2017 13:04

Tgt Ion:164 Resp: 148160
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 46.6 38.3 57.5

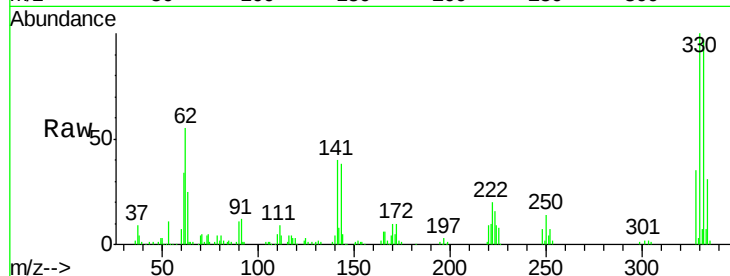




#41
 2,4,6-Tribromophenol
 Concen: 64.47 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF099509.D
 Acq: 15 Oct 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	39.8	29.9	44.9

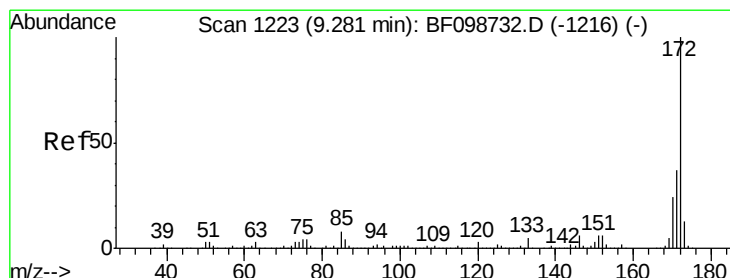
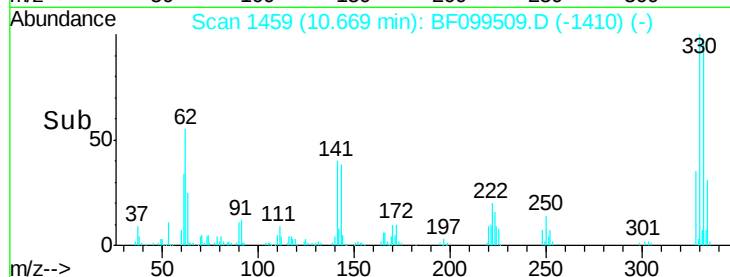
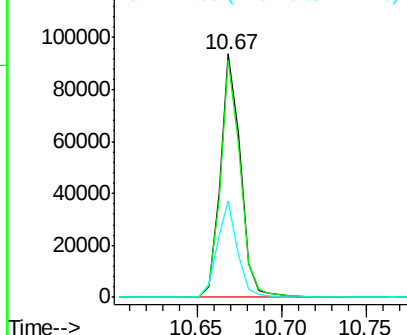


Abundance

Ion 329.80 (329.50 to 330.50): E

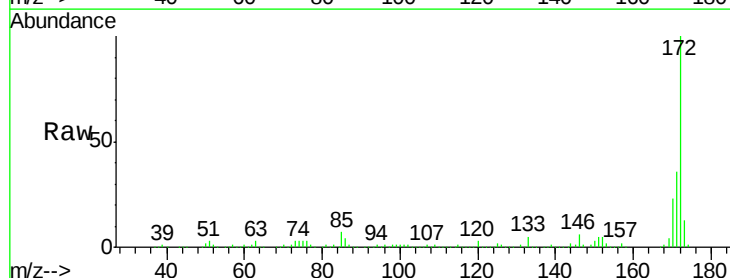
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.82 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099509.D
 Acq: 15 Oct 2017 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4

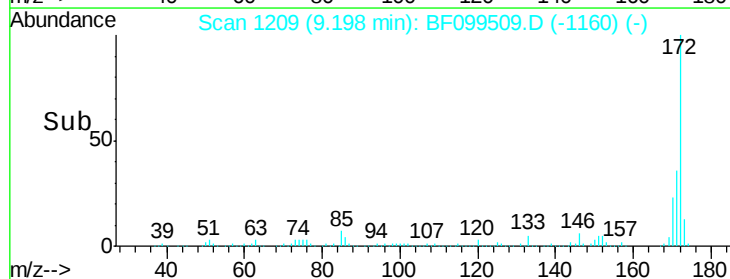
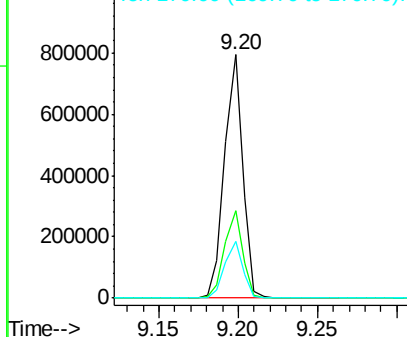


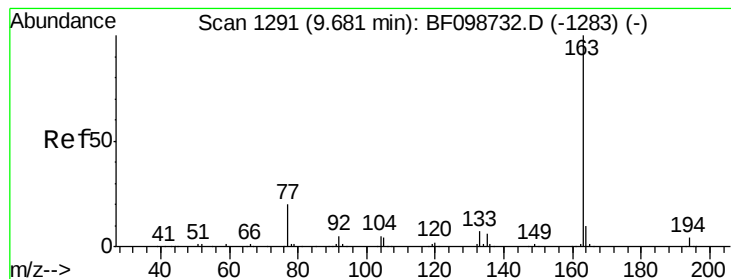
Abundance

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: 16.51 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099509.D

Acq: 15 Oct 2017 13:04

Instrument :

BNA_F

ClientSampleId :

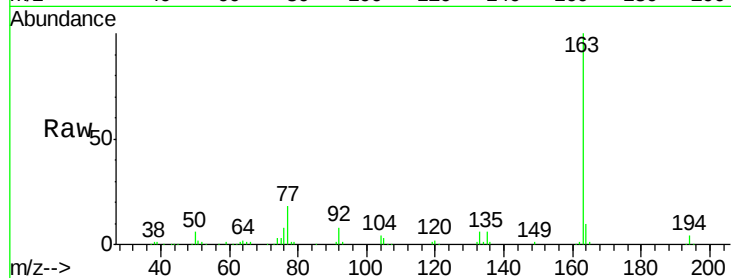
Tot Ion:163 Resp: 184618

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

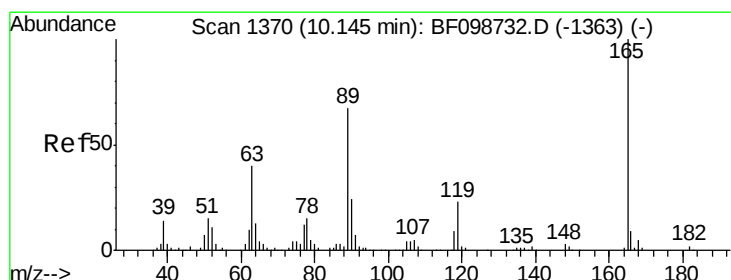
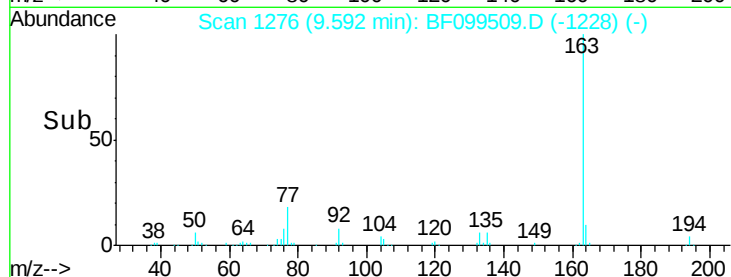
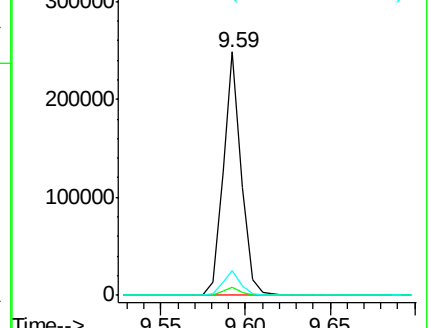
164 9.9 8.2 12.2



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: 6.06 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.21 min

Lab File: BF099509.D

Acq: 15 Oct 2017 13:04

Tgt Ion:165 Resp: 19131

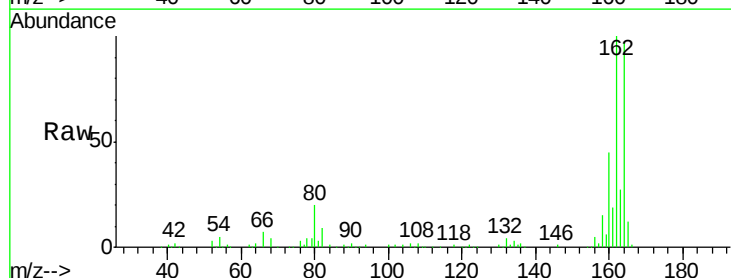
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

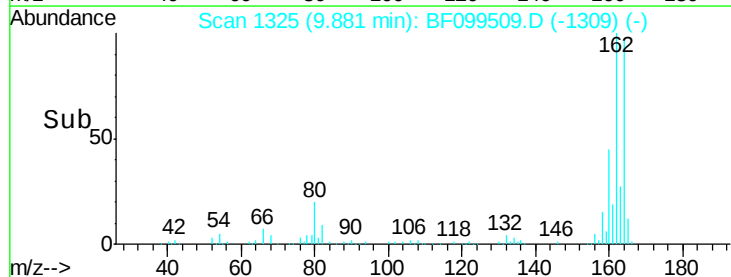
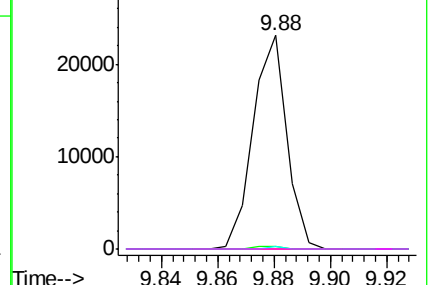


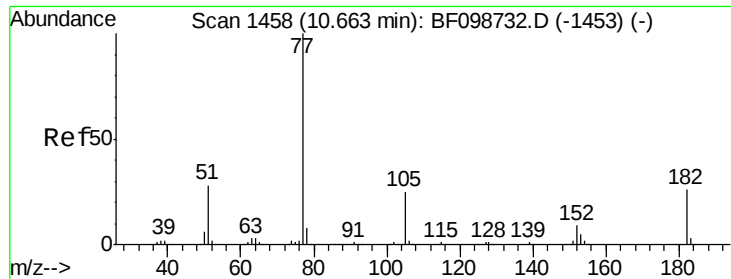
Abundance Ion 165.00 (164.70 to 165.70): E

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

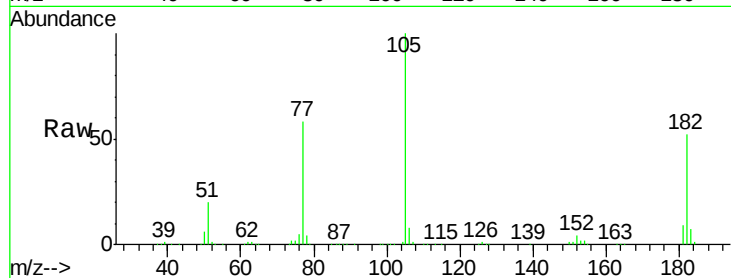




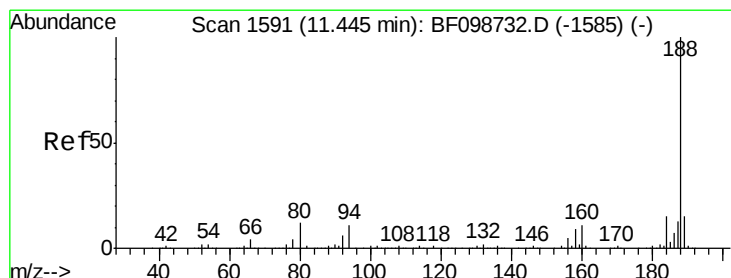
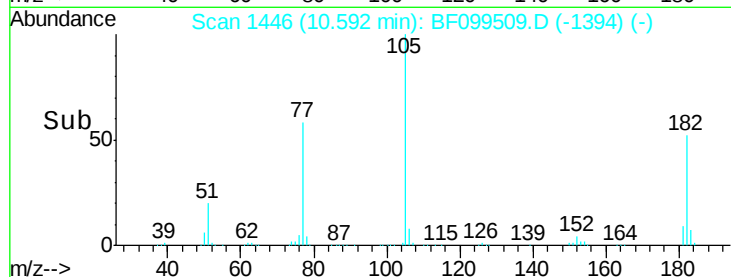
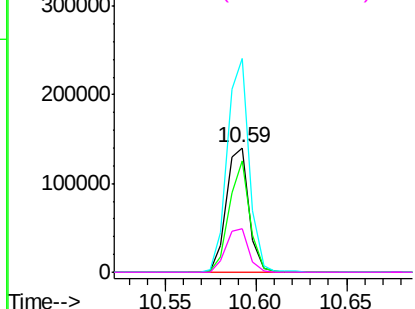
#62
Azobenzene
Concen: 12.15 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099509.D
Acq: 15 Oct 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 122022
Ion Ratio Lower Upper
77 100
182 89.3 1.7 41.7#
105 171.7 3.0 43.0#
51 35.0 9.9 49.9

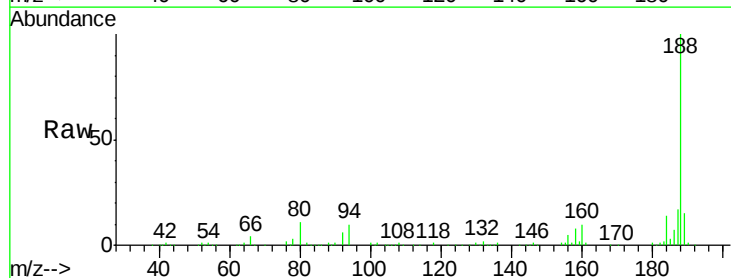


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

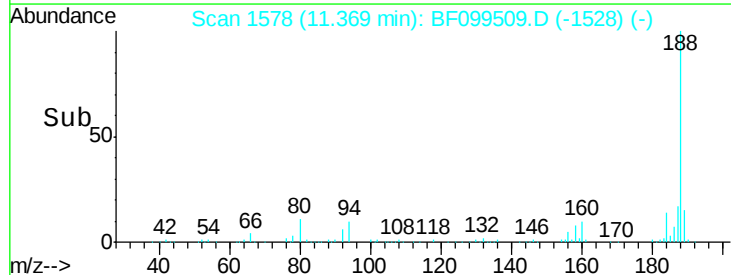
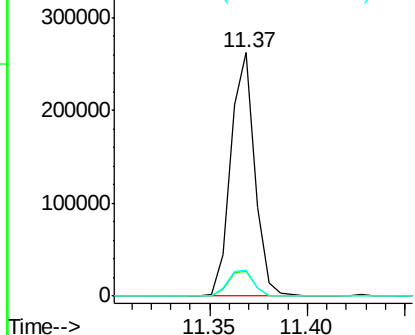


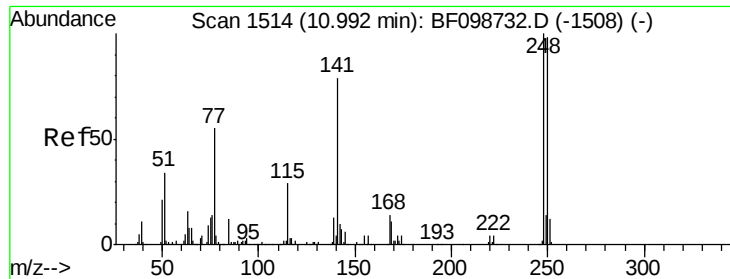
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099509.D
Acq: 15 Oct 2017 13:04

Tgt Ion: 188 Resp: 222288
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.5 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

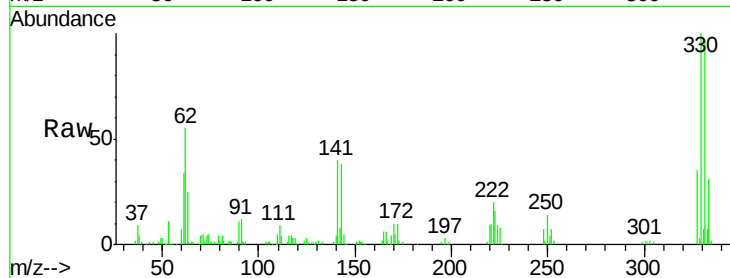




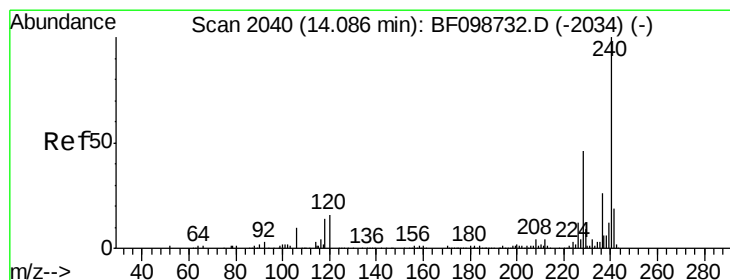
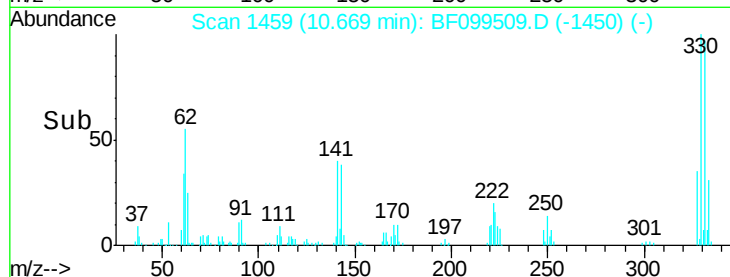
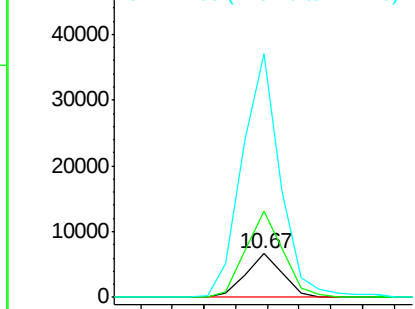
#66
4-Bromophenyl-phenylether
Concen: 2.43 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF099509.D
Acq: 15 Oct 2017 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 5298
Ion Ratio Lower Upper
248 100
250 199.6 76.9 115.3#
141 562.1 74.4 111.6#

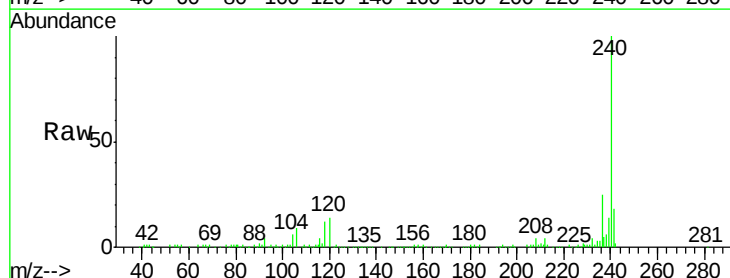


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

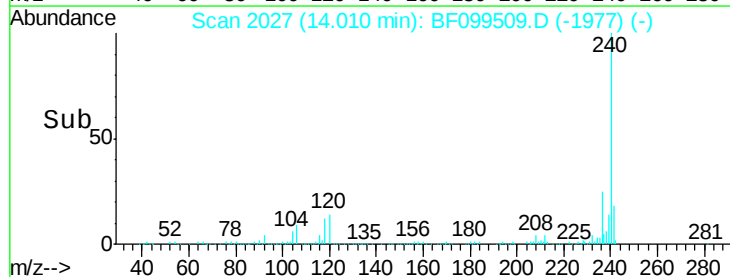
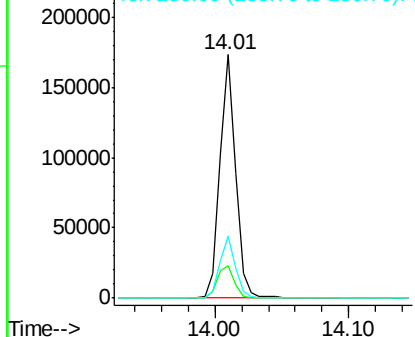


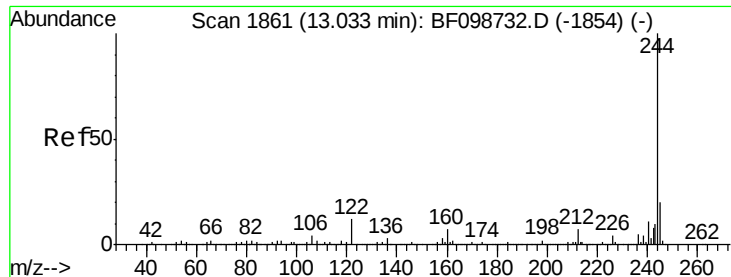
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099509.D
Acq: 15 Oct 2017 13:04

Tgt Ion:240 Resp: 145017
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.2 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

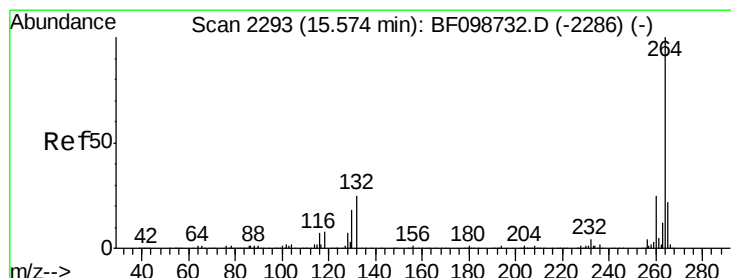
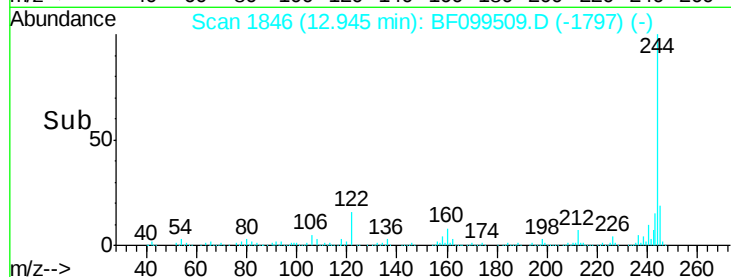
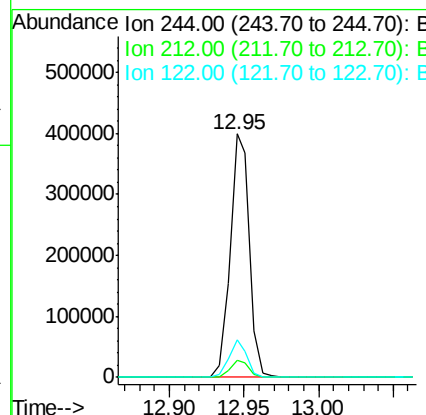
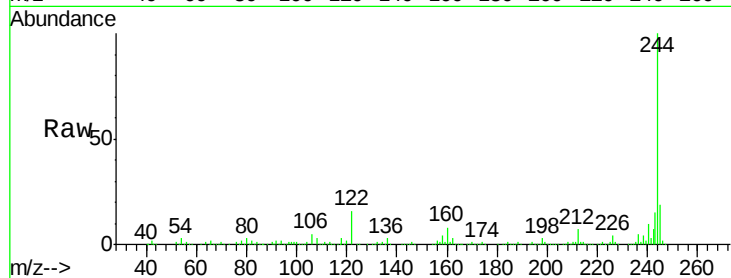




#78
 Terphenyl-d14
 Concen: 57.09 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF099509.D
 Acq: 15 Oct 2017 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 364022
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 15.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099509.D
 Acq: 15 Oct 2017 13:04

Tgt Ion:264 Resp: 163517
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.5 26.3

