

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098842.D
 Acq On : 26 Sep 2017 19:50
 Operator : SJ/JU
 Sample : I5321-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:48:40 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

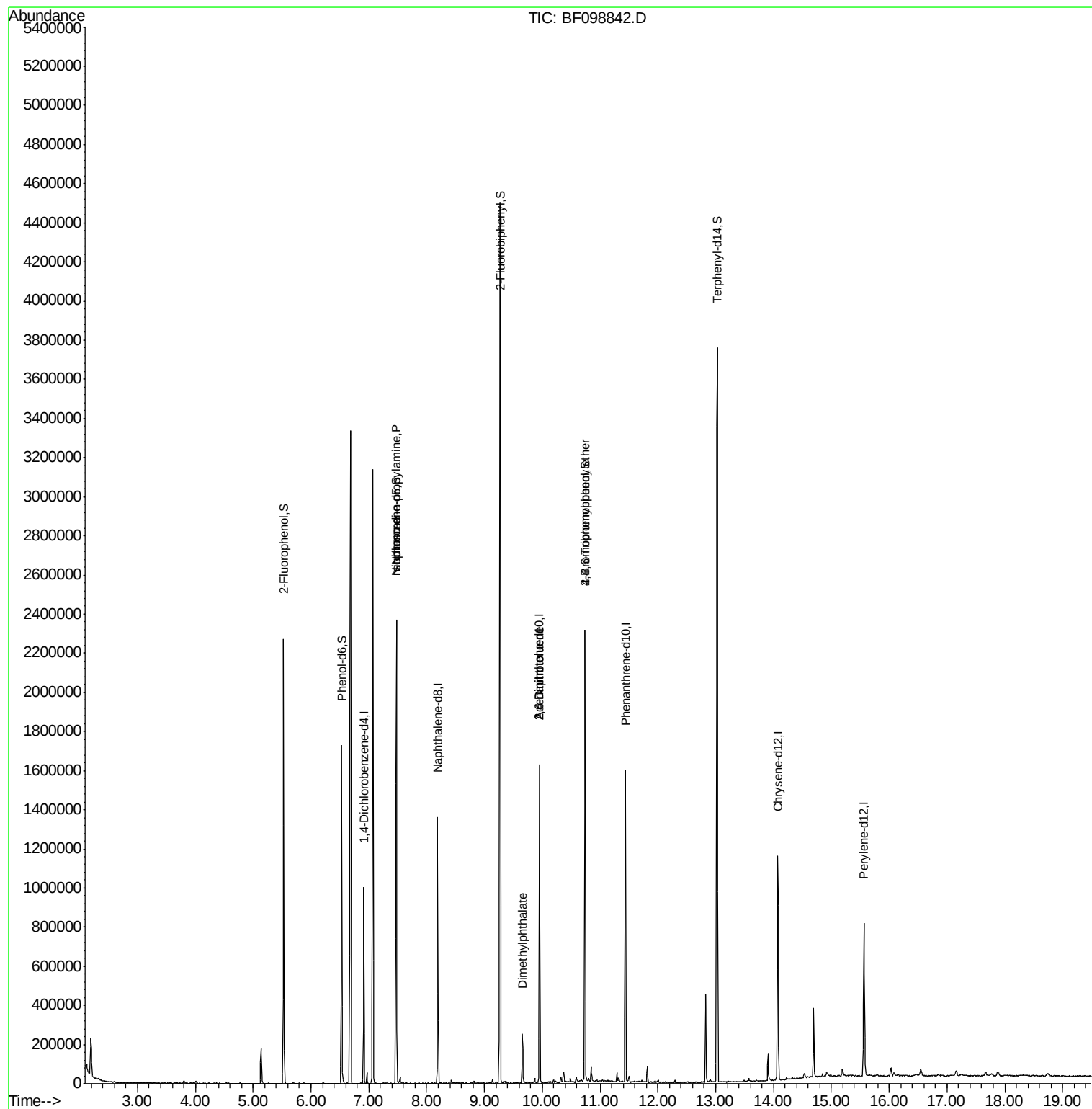
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	152087	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	643884	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	296255	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	508164	20.00	ng	0.00
75) Chrysene-d12	14.07	240	353488	20.00	ng	-0.01
86) Perylene-d12	15.57	264	324564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	626607	65.59	ng	-0.01
7) Phenol-d6	6.53	99	531281	45.08	ng	-0.01
23) Nitrobenzene-d5	7.48	82	911557	90.79	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	302125	124.63	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1589336	89.56	ng	0.00
78) Terphenyl-d14	13.03	244	1281246	82.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	120531	16.02	ng	# 75
25) Isophorone	7.48	82	908820	43.78	ng	# 64
49) Dimethylphthalate	9.66	163	89355	4.00	ng	100
50) 2,6-Dinitrotoluene	9.95	165	37629	7.73	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	37629	5.96	ng	# 24
66) 4-Bromophenyl-phenylether	10.74	248	20243	4.07	ng	# 1

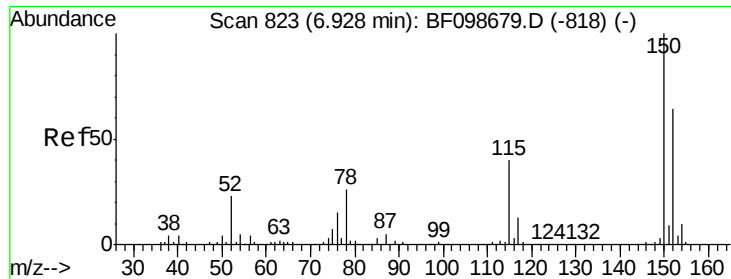
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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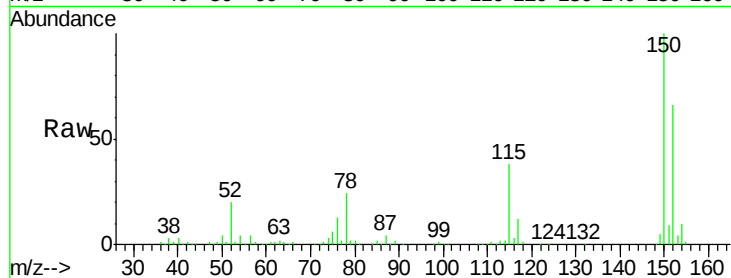


#1

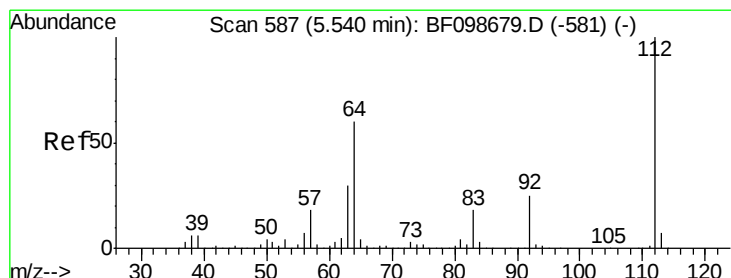
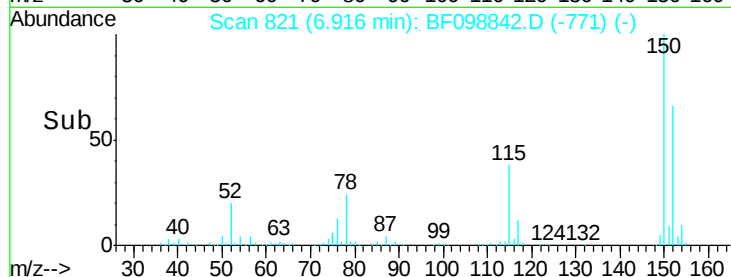
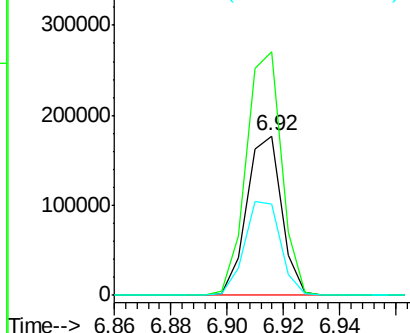
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	57.3	50.1	75.1



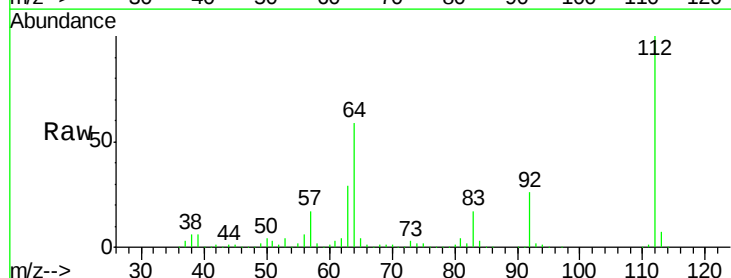
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



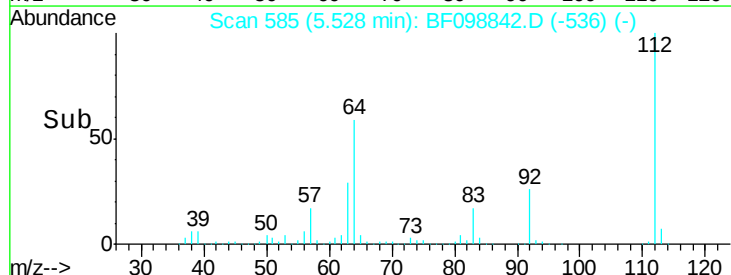
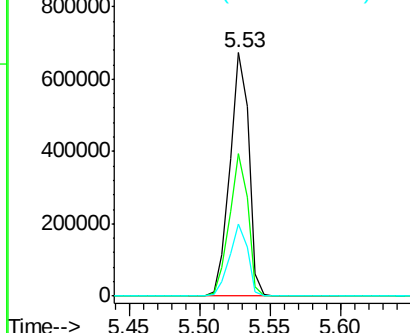
#5

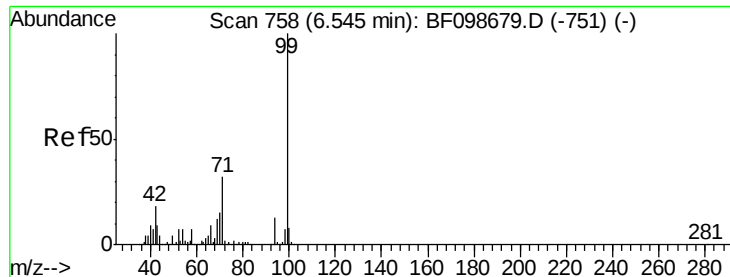
2-Fluorophenol
 Concen: 65.59 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	29.4	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: 45.08 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

Instrument :

BNA_F

ClientSampleId :

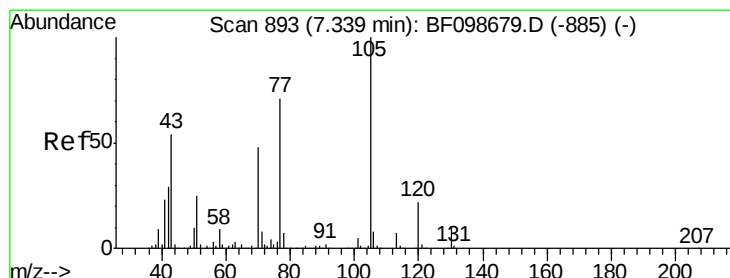
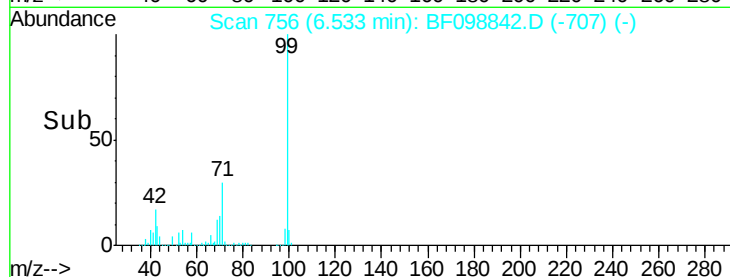
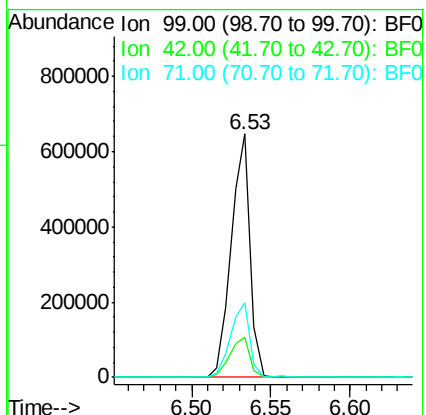
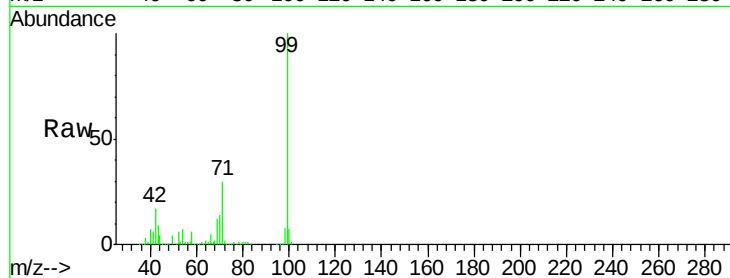
Tot Ion: 99 Resp: 531281

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 30.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.02 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.15 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

Tgt Ion: 70 Resp: 120531

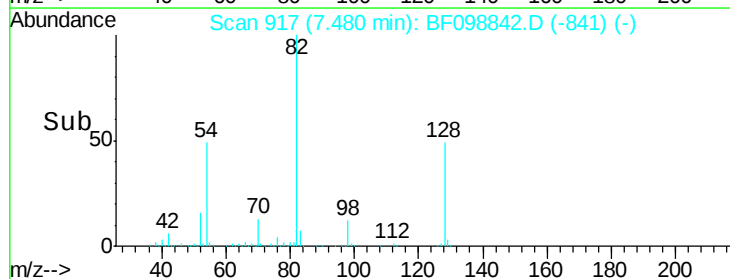
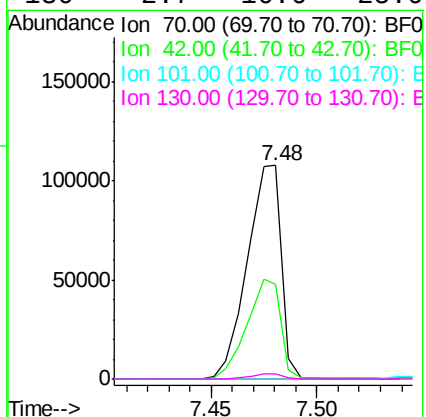
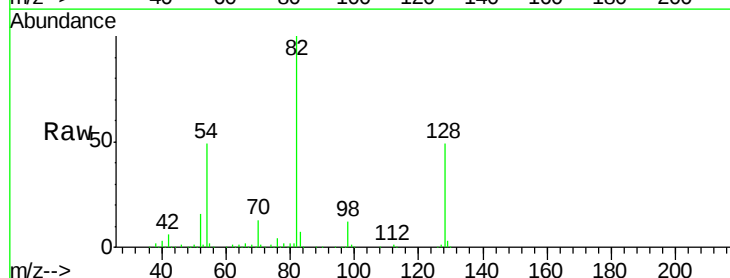
Ion Ratio Lower Upper

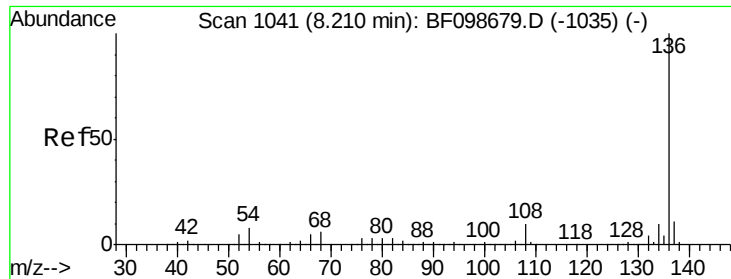
70 100

42 44.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

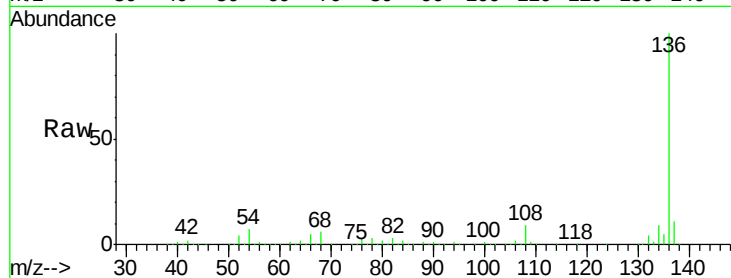




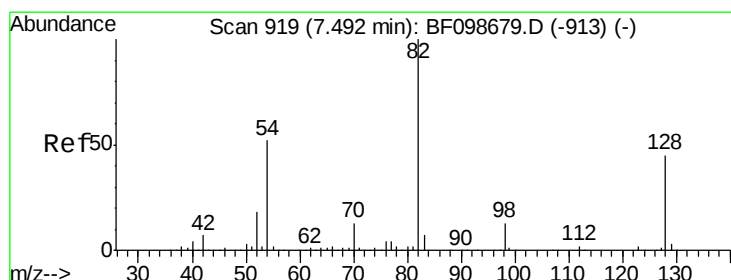
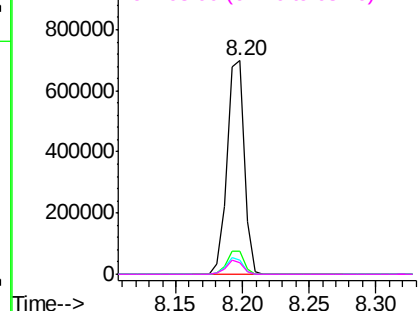
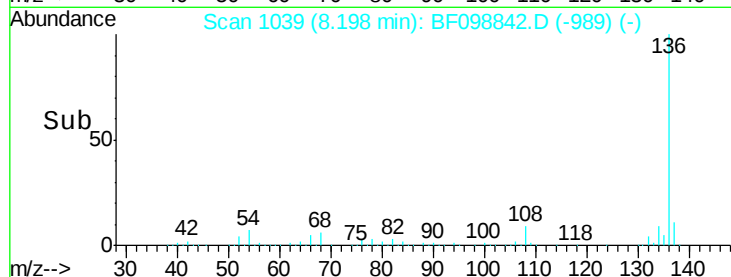
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098842.D
Acq: 26 Sep 2017 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	643884
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.8	6.6 9.8
68	5.6	5.0 7.4

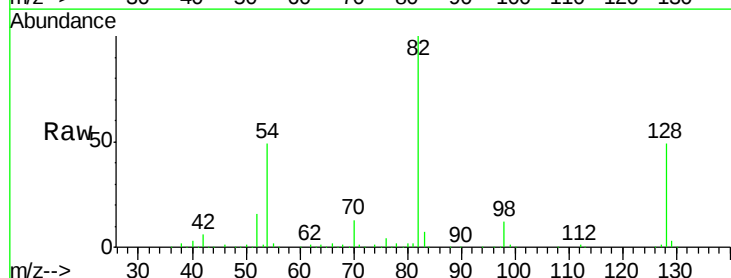


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

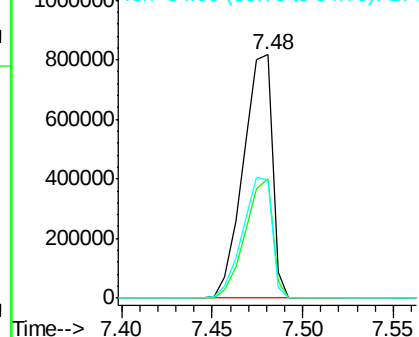
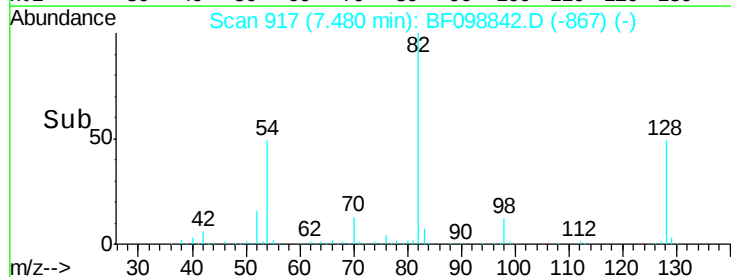


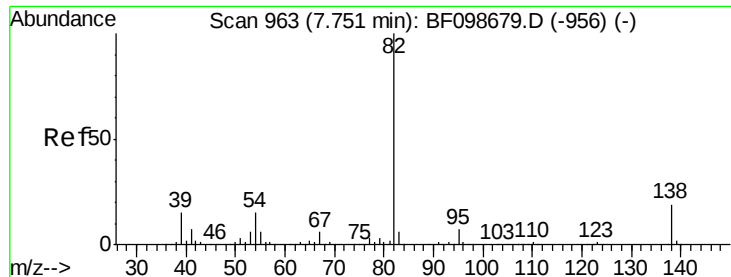
#23
Nitrobenzene-d5
Concen: 90.79 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098842.D
Acq: 26 Sep 2017 19:50

Tgt Ion: 82	Resp:	911557
Ion Ratio	Lower	Upper
82	100	
128	49.1	36.1 54.1
54	48.6	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: 43.78 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

Instrument :

BNA_F

ClientSampleId :

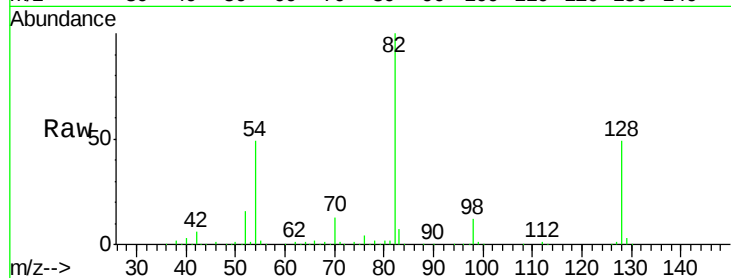
Tot Ion: 82 Resp: 908820

Ion Ratio Lower Upper

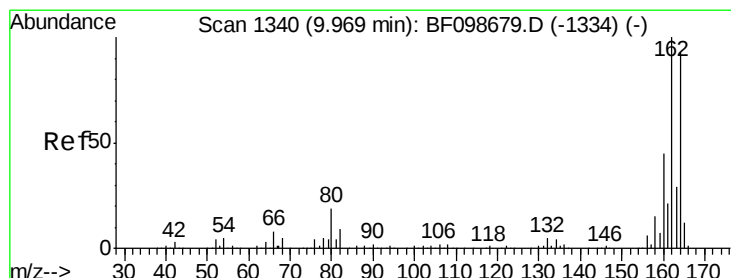
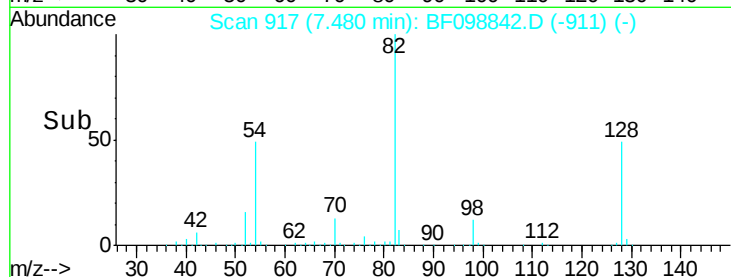
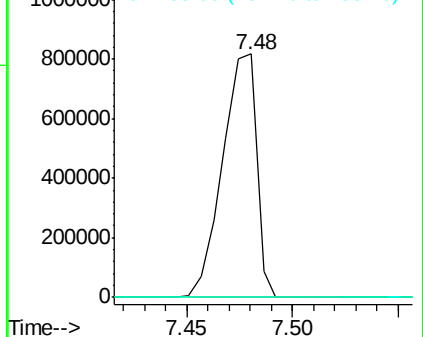
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

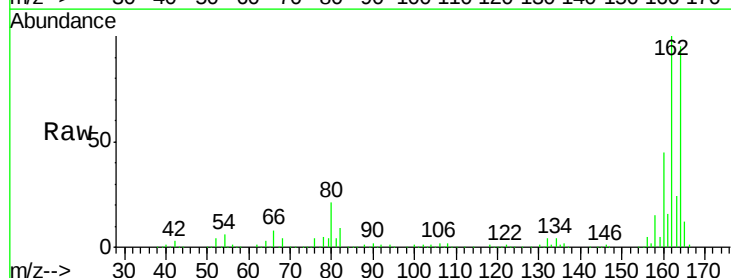
Tgt Ion: 164 Resp: 296255

Ion Ratio Lower Upper

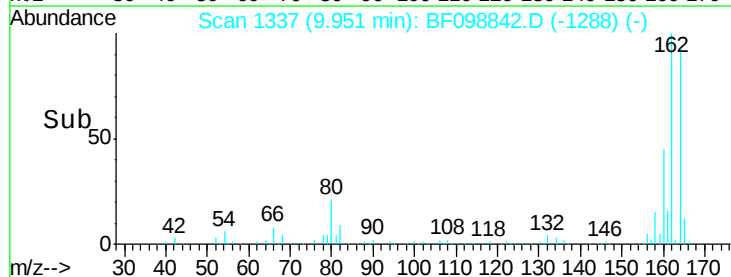
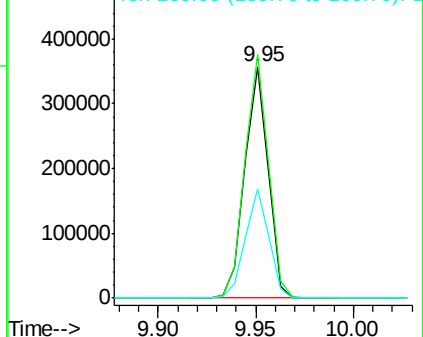
164 100

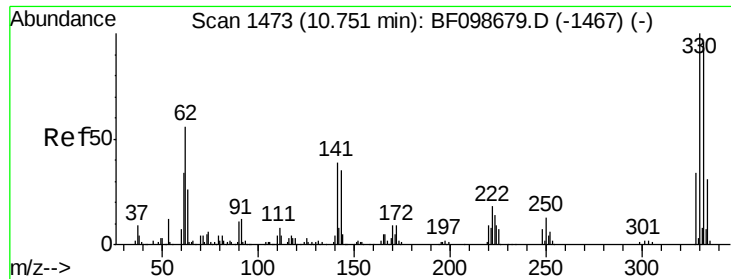
162 105.4 86.1 129.1

160 47.3 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

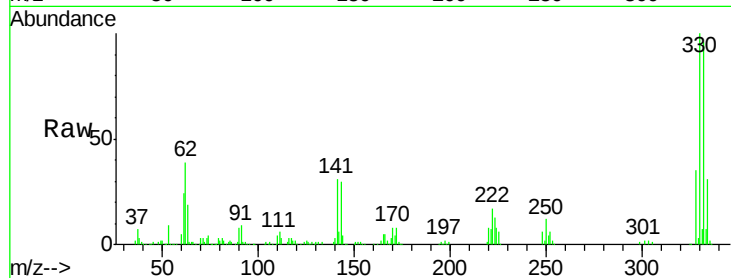




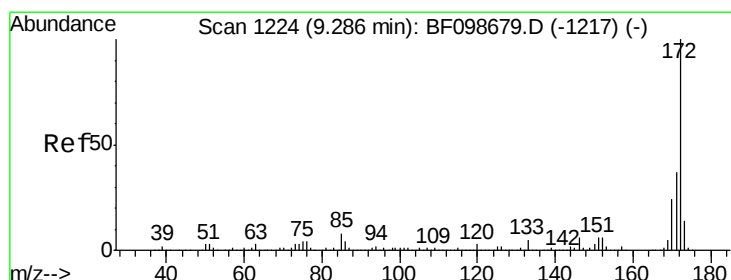
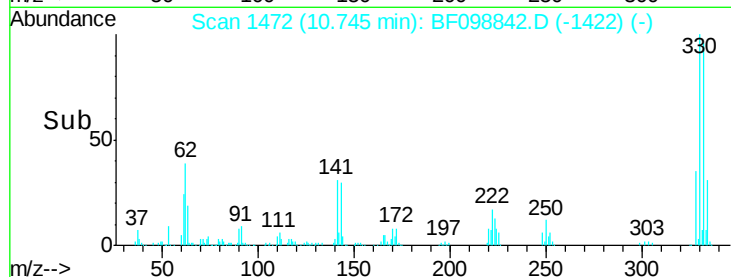
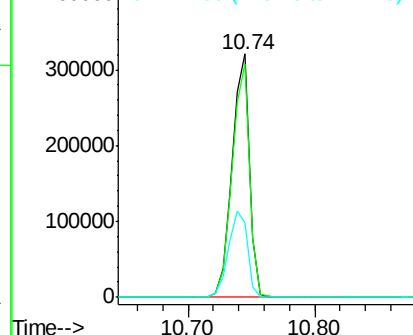
#41
 2,4,6-Tribromophenol
 Concen: 124.63 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	39.2	29.9	44.9

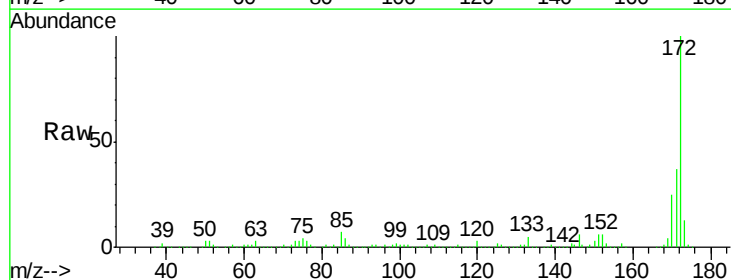


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

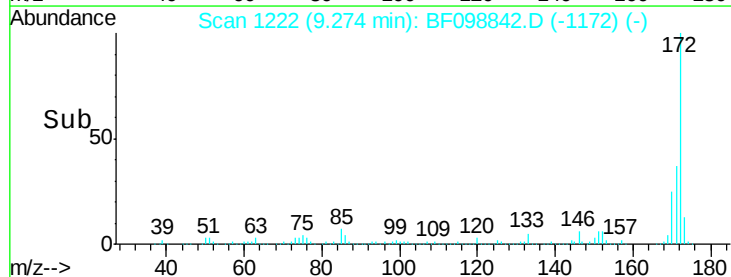
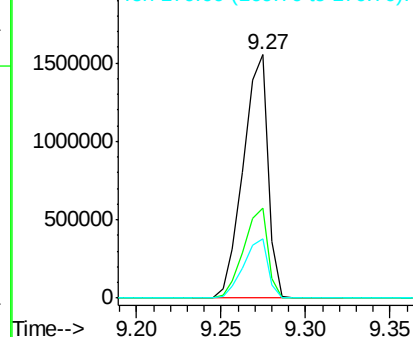


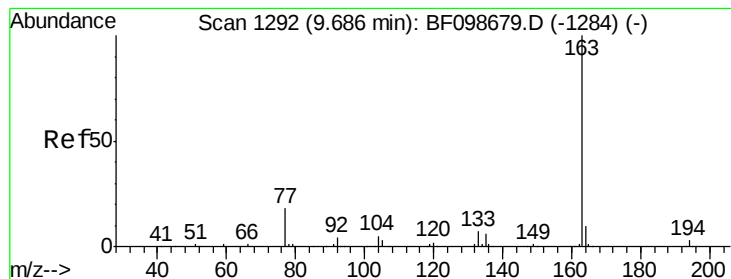
#44
 2-Fluorobiphenyl
 Concen: 89.56 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	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: 4.00 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

Instrument :

BNA_F

ClientSampleId :

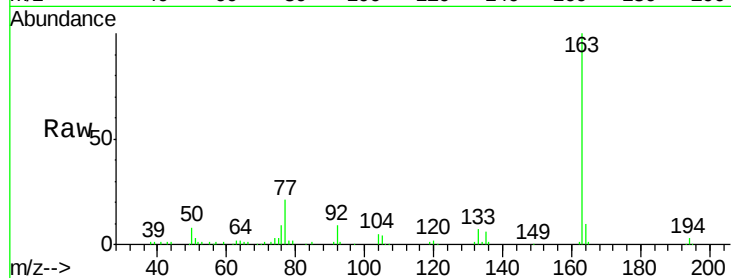
Tot Ion:163 Resp: 89355

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

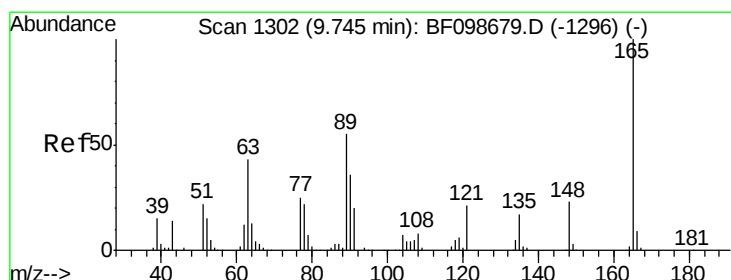
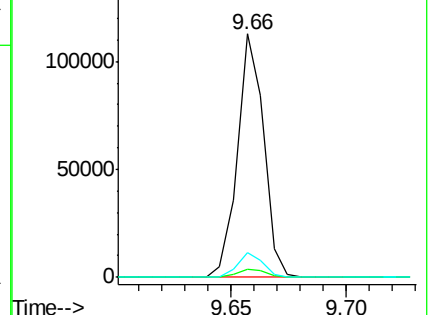
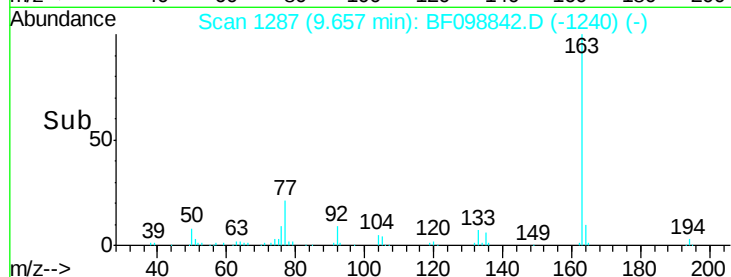
164 10.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.73 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098842.D

Acq: 26 Sep 2017 19:50

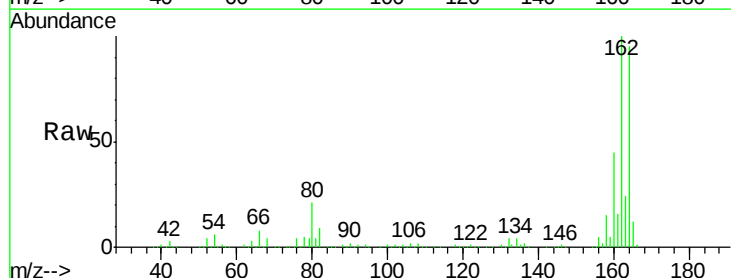
Tgt Ion:165 Resp: 37629

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

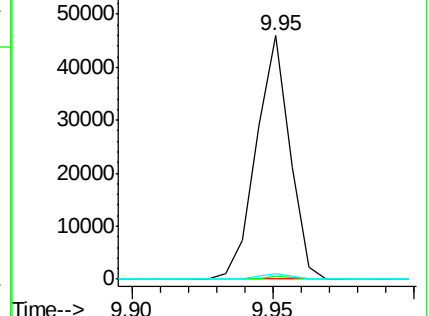
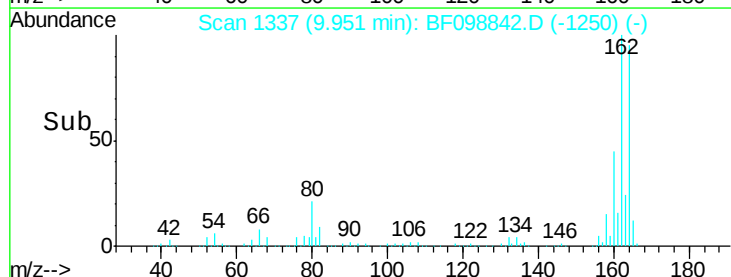
89 2.2 44.0 66.0#

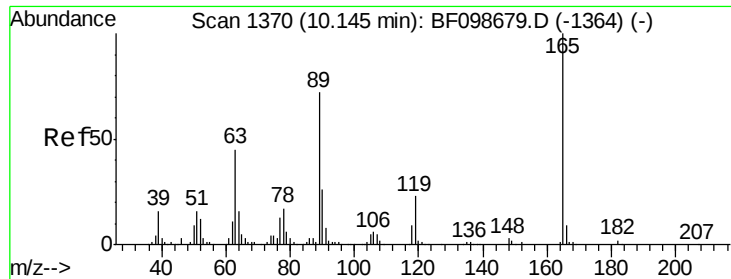


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

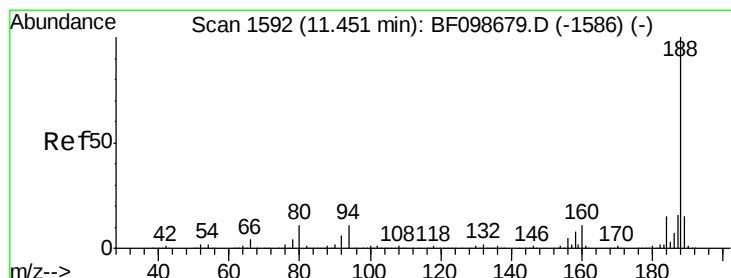
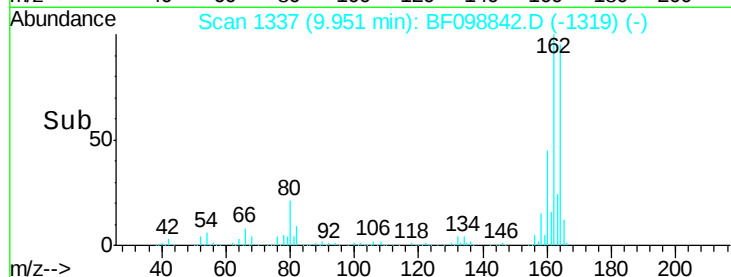
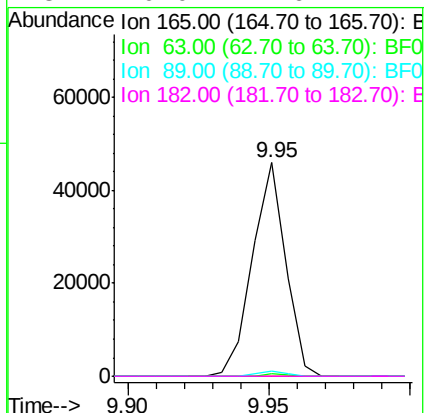
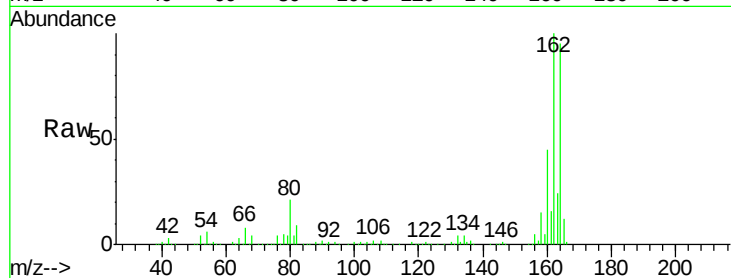




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

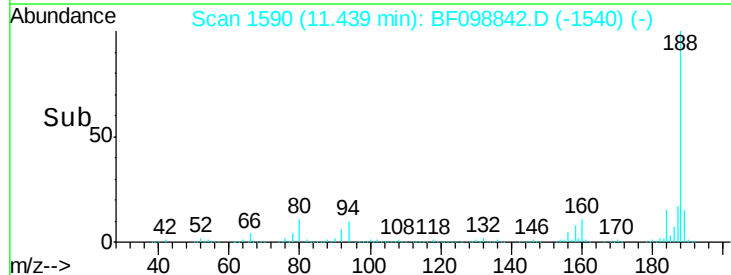
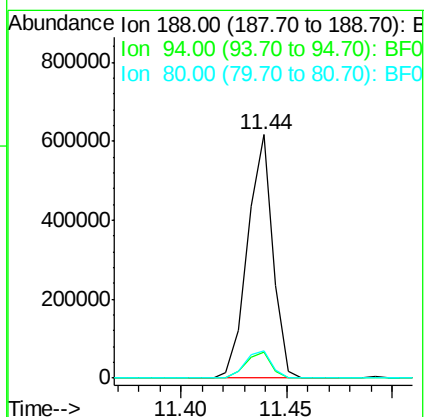
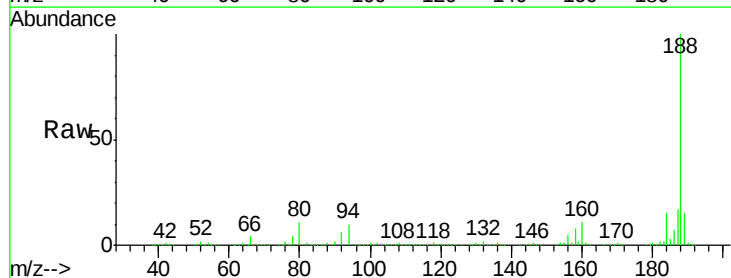
Instrument :
 BNA_F
 ClientSampleId :

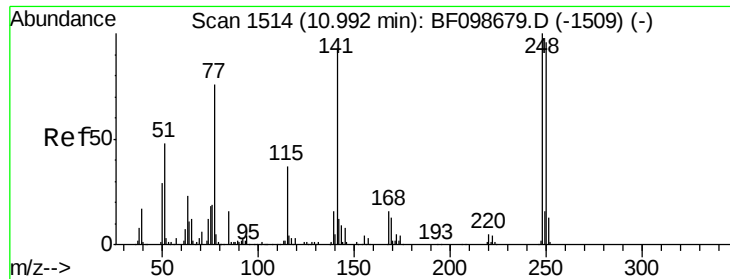
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

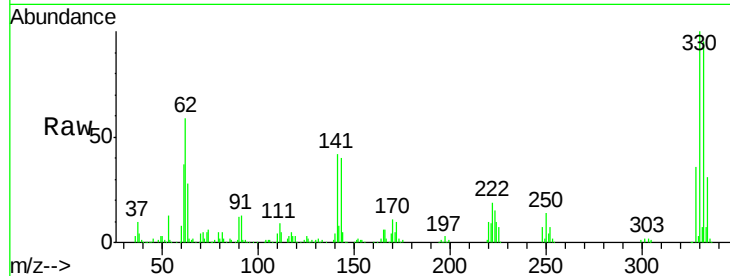




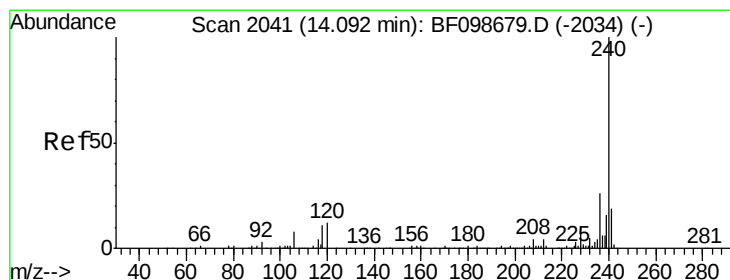
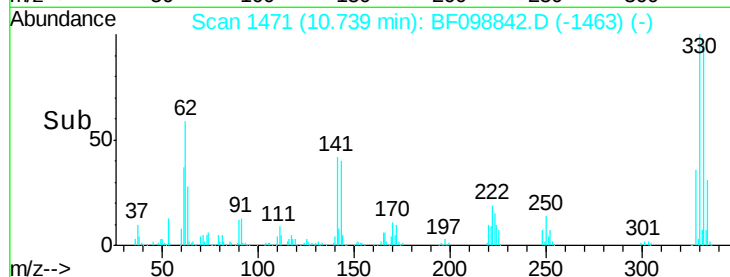
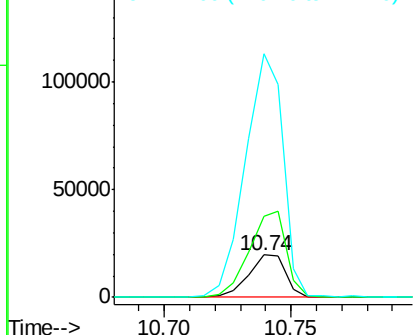
#66
 4-Bromophenyl-phenylether
 Concen: 4.07 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 20243
 Ion Ratio Lower Upper
 248 100
 250 189.3 76.9 115.3#
 141 571.9 74.4 111.6#

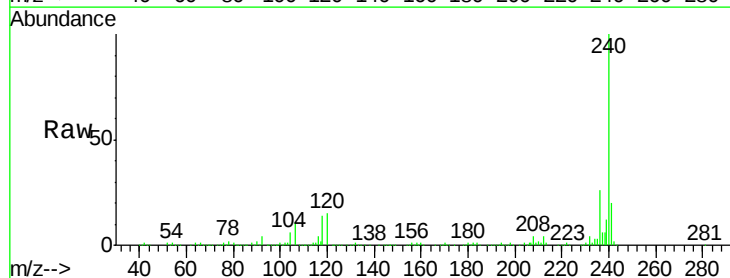


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

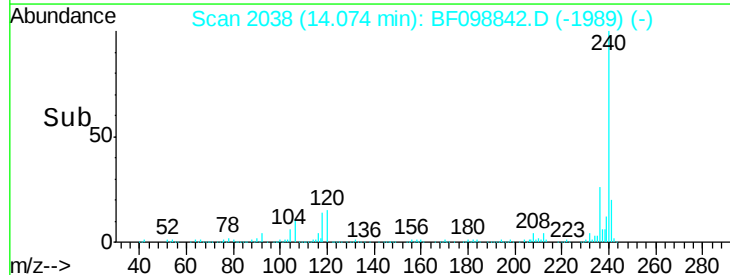
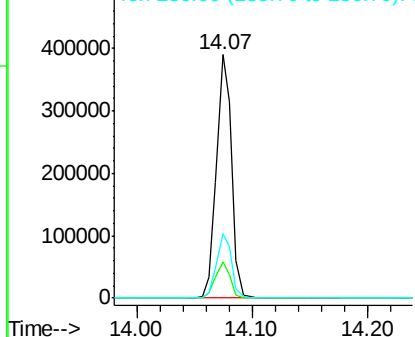


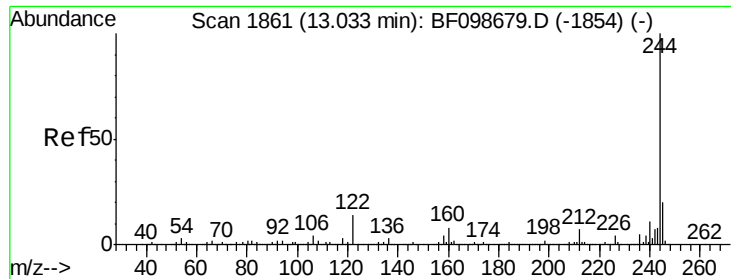
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Tgt Ion:240 Resp: 353488
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 26.2 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

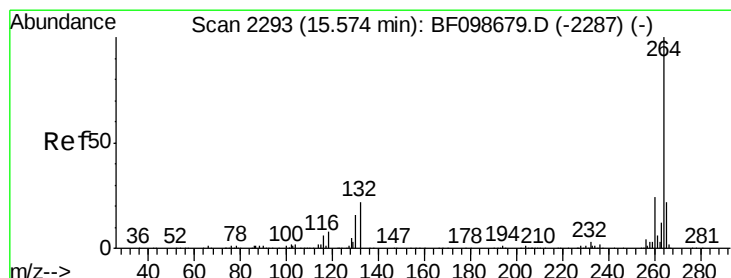
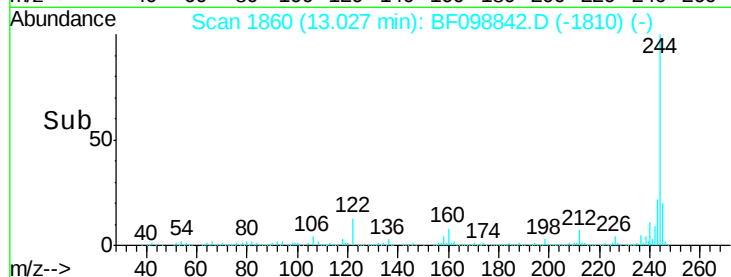
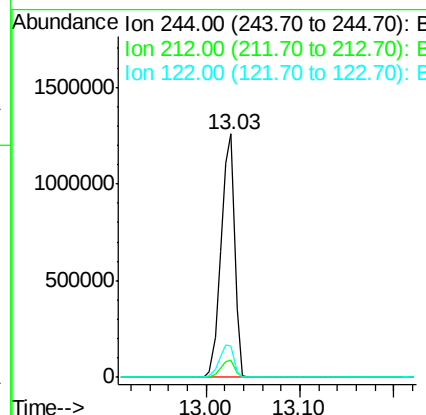
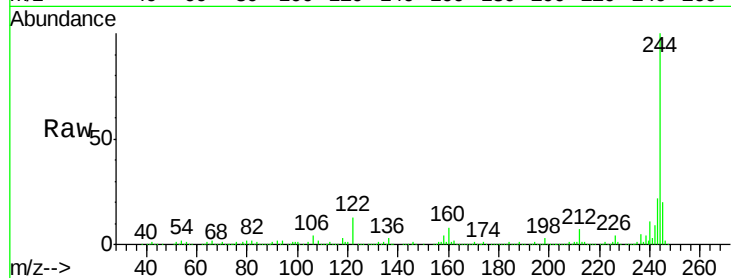




#78
 Terphenyl-d14
 Concen: 82.43 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1281246
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098842.D
 Acq: 26 Sep 2017 19:50

Tgt Ion:264 Resp: 324564
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.5 26.3

