

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098846.D
 Acq On : 26 Sep 2017 21:44
 Operator : SJ/JU
 Sample : I5427-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:49:30 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

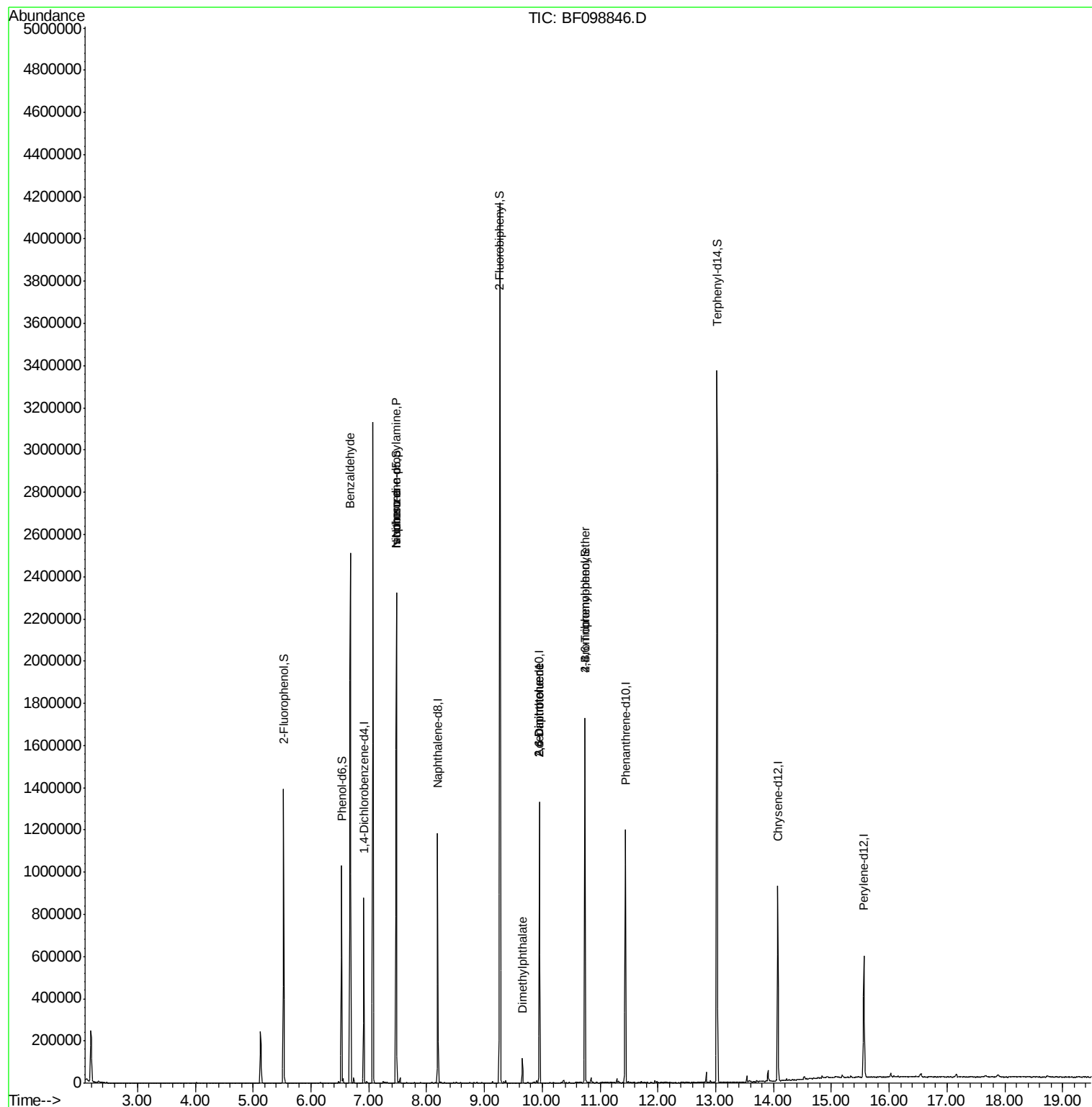
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	124842	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	531500	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	240121	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	404235	20.00	ng	0.00
75) Chrysene-d12	14.07	240	268486	20.00	ng	-0.01
86) Perylene-d12	15.56	264	249113	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	377145	48.09	ng	-0.01
7) Phenol-d6	6.53	99	287126	29.68	ng	-0.02
23) Nitrobenzene-d5	7.47	82	833507	100.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	183452	93.37	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1481622	103.01	ng	0.00
78) Terphenyl-d14	13.02	244	1098466	93.05	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.68	77	13858	2.47	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.47	70	109463	17.72	ng	# 76
25) Isophorone	7.47	82	833362	48.63	ng	# 64
49) Dimethylphthalate	9.66	163	40188	2.22	ng	99
50) 2,6-Dinitrotoluene	9.95	165	30371	7.70	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	30371	5.93	ng	# 24
66) 4-Bromophenyl-phenylether	10.74	248	12838	3.24	ng	# 1

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

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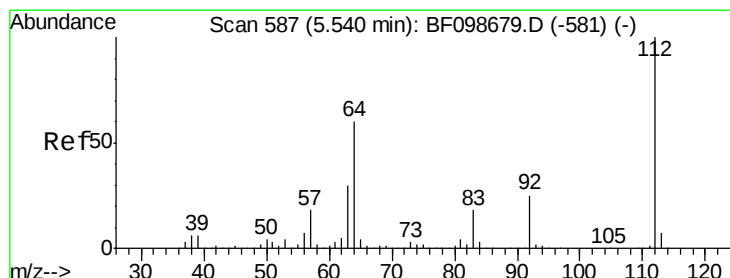
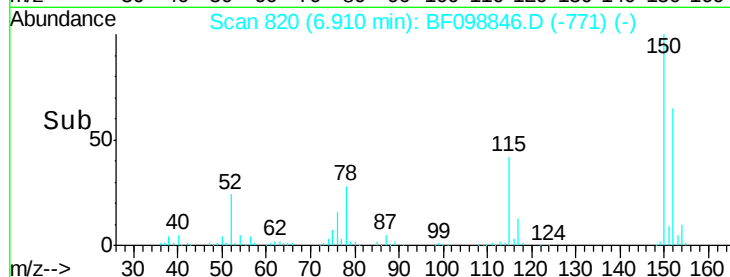
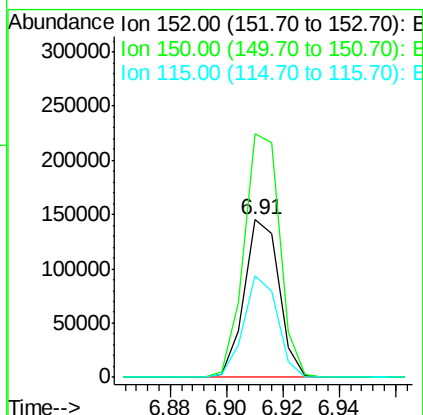
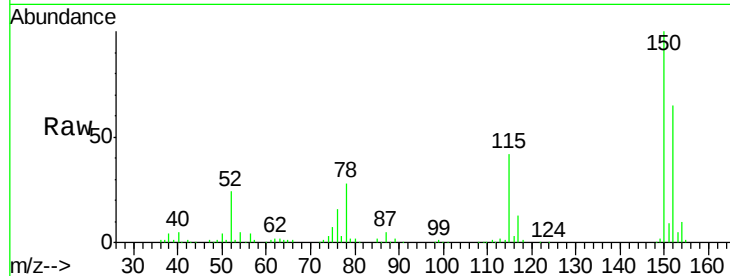


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098846.D
 Acq: 26 Sep 2017 21:44

Instrument :
 BNA_F
 ClientSampled :

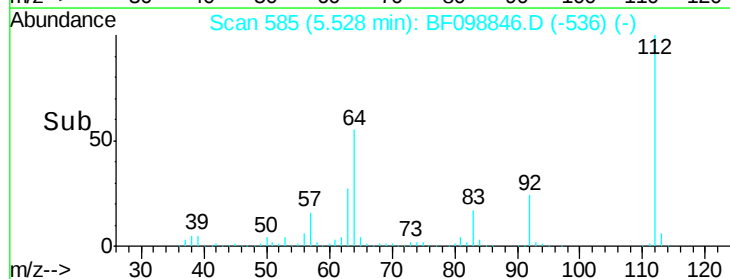
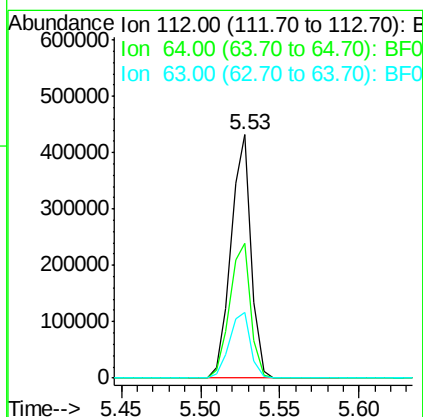
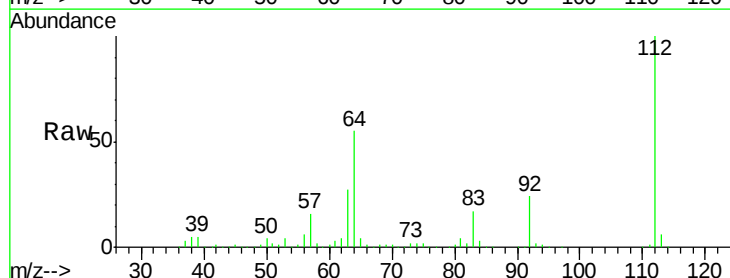
Tot Ion:152 Resp: 124842
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 64.2 50.1 75.1



#5

2-Fluorophenol
 Concen: 48.09 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098846.D
 Acq: 26 Sep 2017 21:44

Tgt Ion:112 Resp: 377145
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 27.1 23.7 35.5





#7

Phenol-d6

Concen: 29.68 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098846.D

Acq: 26 Sep 2017 21:44

Instrument :

BNA_F

ClientSampled :

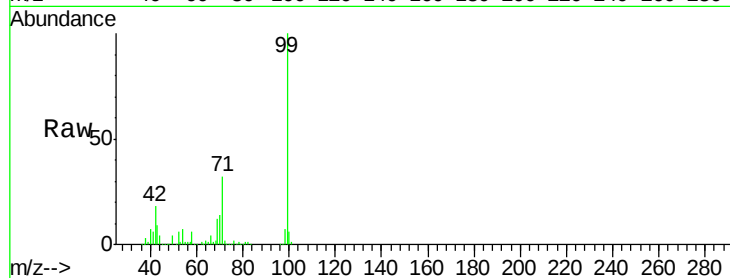
Tot Ion: 99 Resp: 287126

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

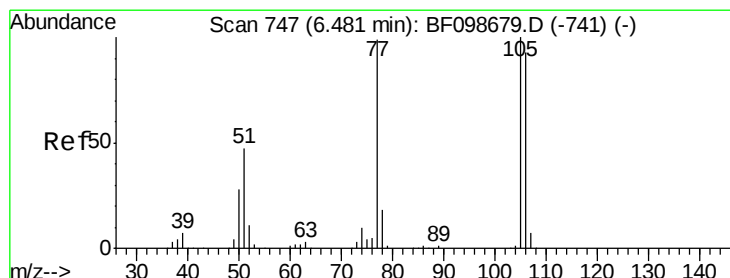
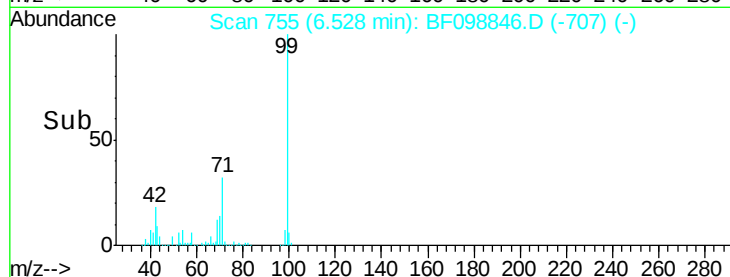
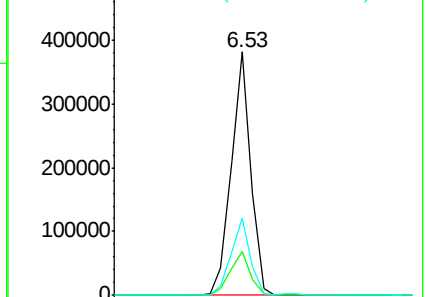
71 31.8 25.4 38.0



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: 2.47 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098846.D

Acq: 26 Sep 2017 21:44

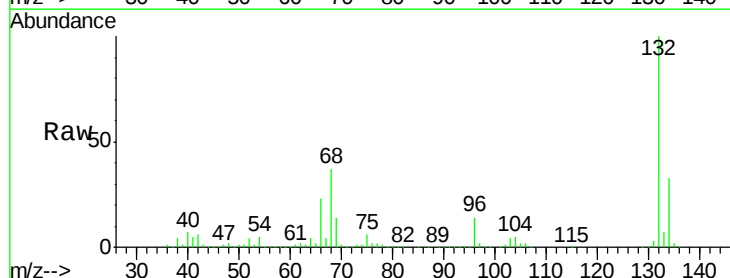
Tgt Ion: 77 Resp: 13858

Ion Ratio Lower Upper

77 100

105 85.7 81.1 121.1

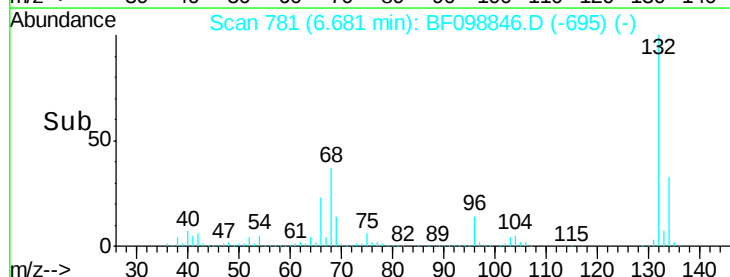
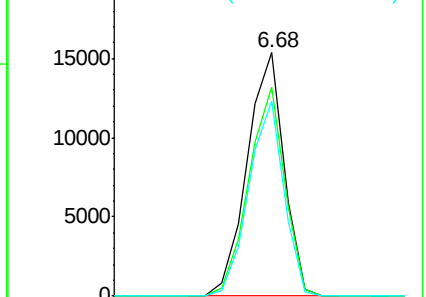
106 80.2 74.5 114.5



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

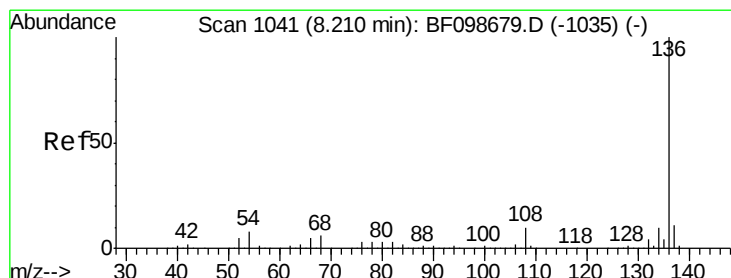
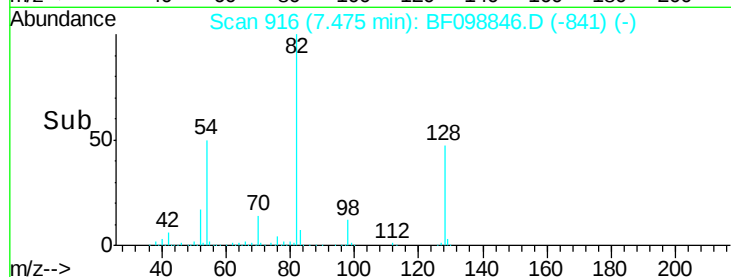
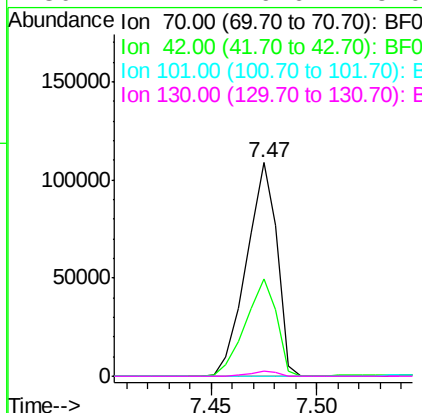
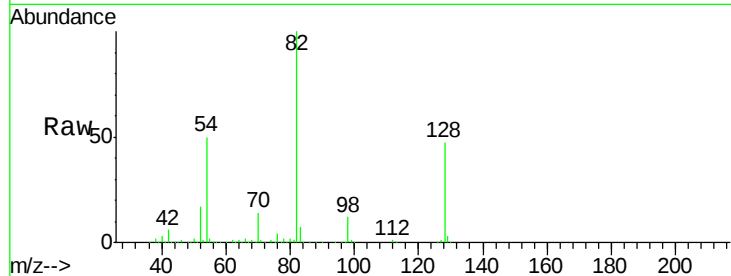




#19
n-Nitroso-di-n-propylamine
Concen: 17.72 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098846.D
Acq: 26 Sep 2017 21:44

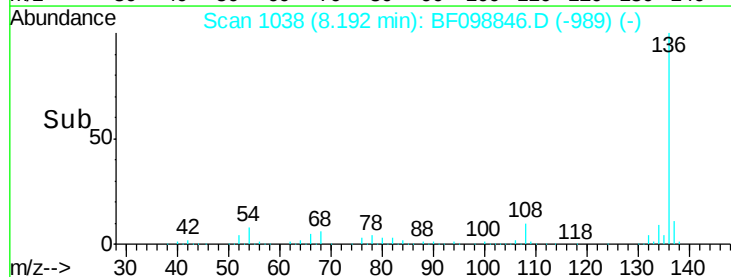
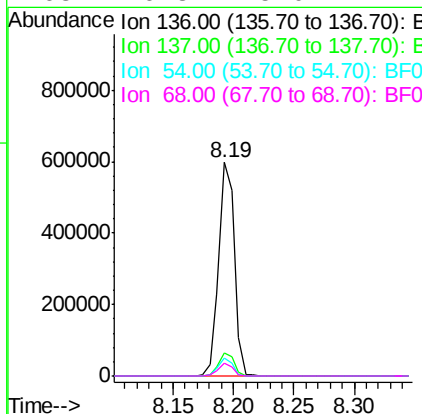
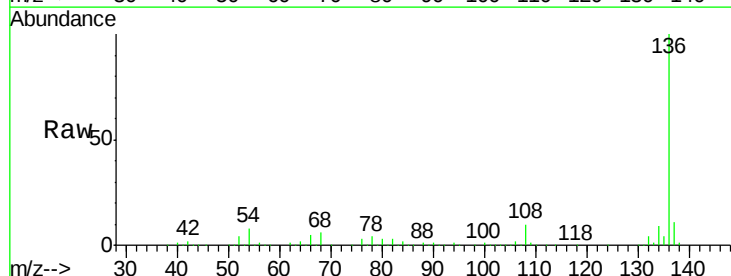
Instrument :
BNA_F
ClientSampleId :

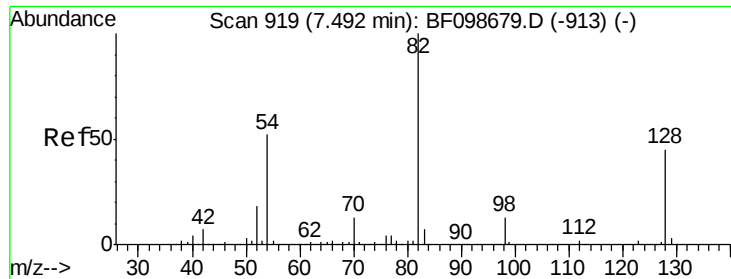
Tot Ion: 70 Resp: 109463
Ion Ratio Lower Upper
70 100
42 45.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098846.D
Acq: 26 Sep 2017 21:44

Tgt Ion:136 Resp: 531500
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 6.6 9.8
68 6.3 5.0 7.4

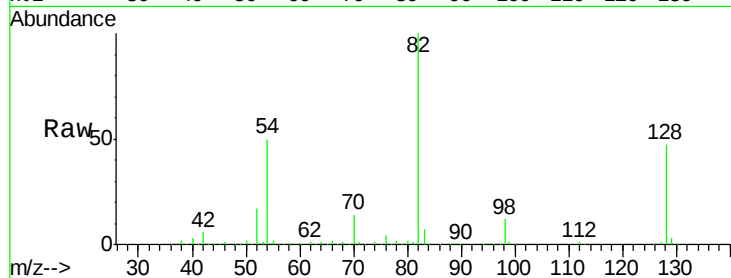




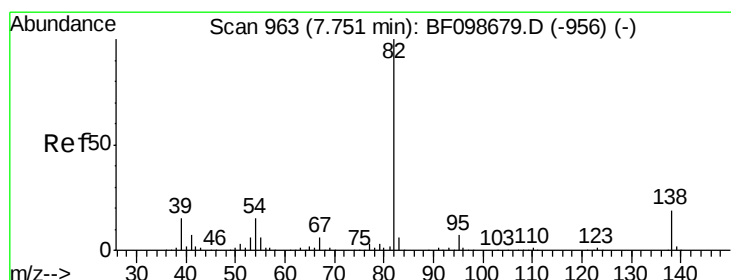
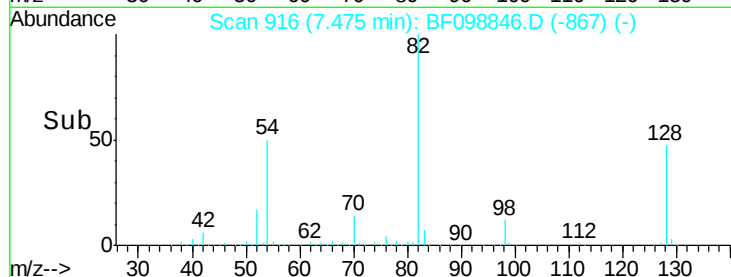
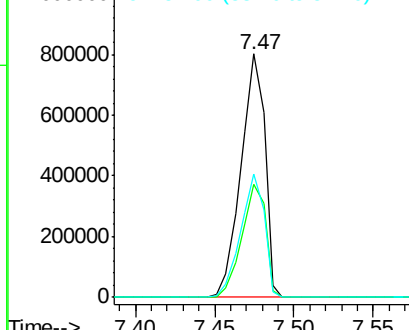
#23
 Nitrobenzene-d5
 Concen: 100.57 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098846.D
 Acq: 26 Sep 2017 21:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 833507
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 50.5 41.4 62.2

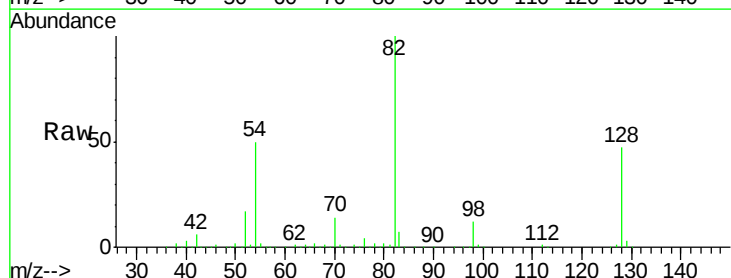


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

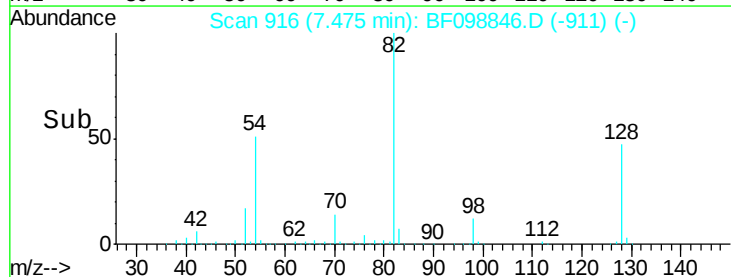
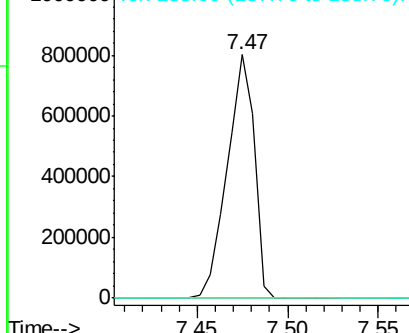


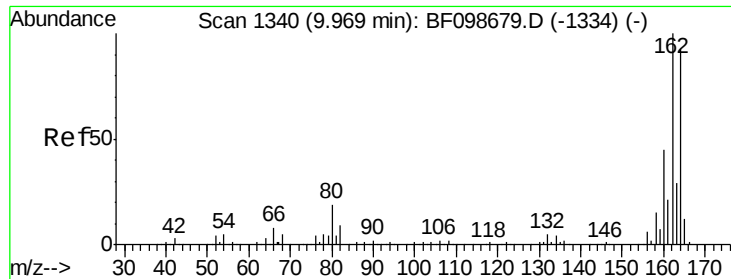
#25
 Isophorone
 Concen: 48.63 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098846.D
 Acq: 26 Sep 2017 21:44

Tgt Ion: 82 Resp: 833362
 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: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098846.D

Acq: 26 Sep 2017 21:44

Instrument :

BNA_F

ClientSampleId :

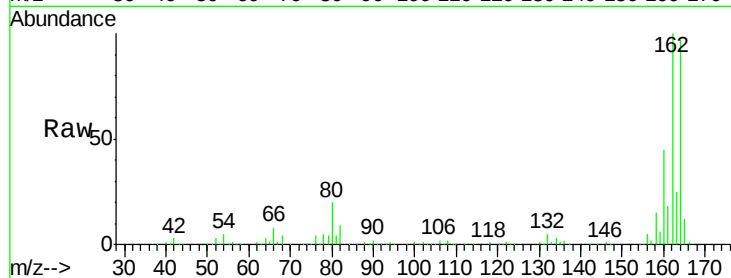
Tot Ion:164 Resp: 240121

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

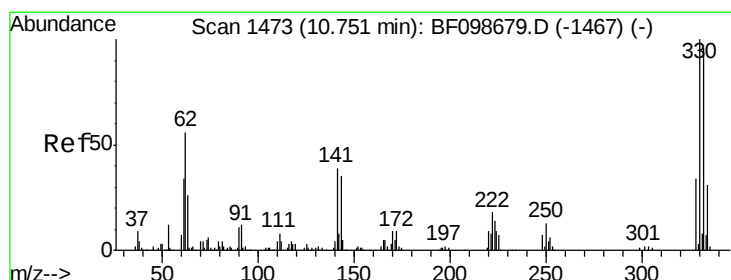
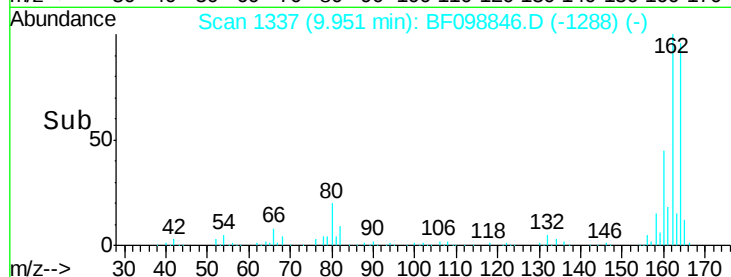
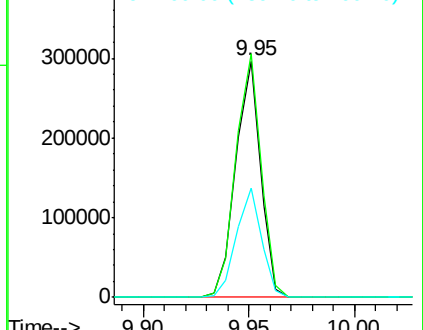
160 46.4 38.3 57.5



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: 93.37 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098846.D

Acq: 26 Sep 2017 21:44

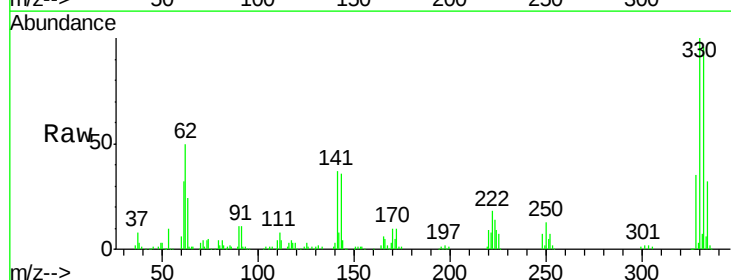
Tgt Ion:330 Resp: 183452

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

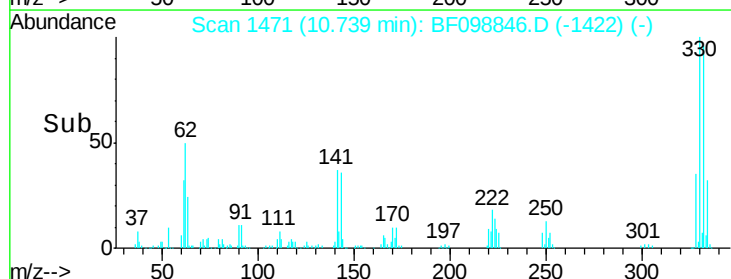
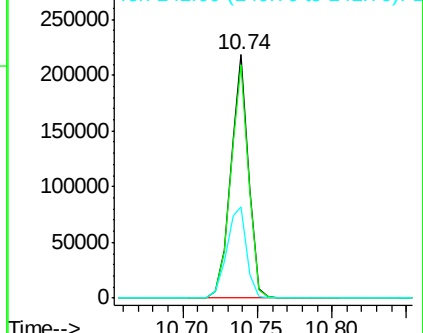
141 42.4 29.9 44.9

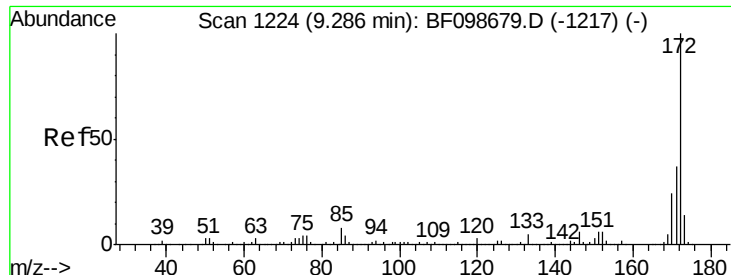


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

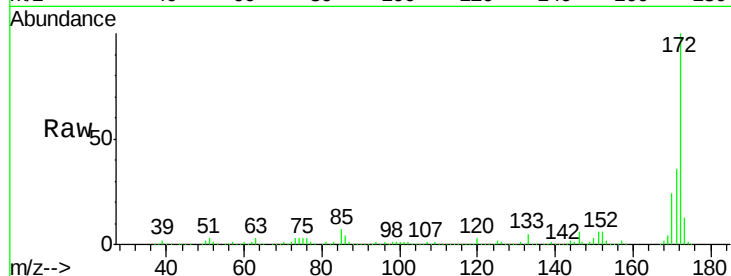




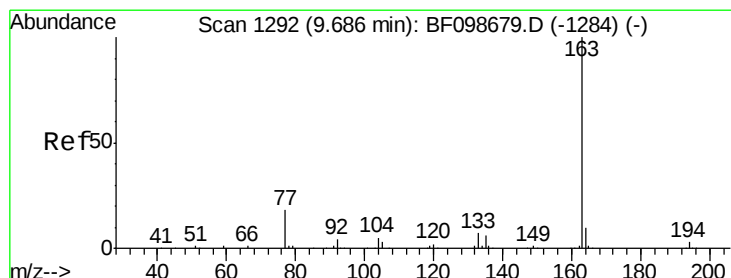
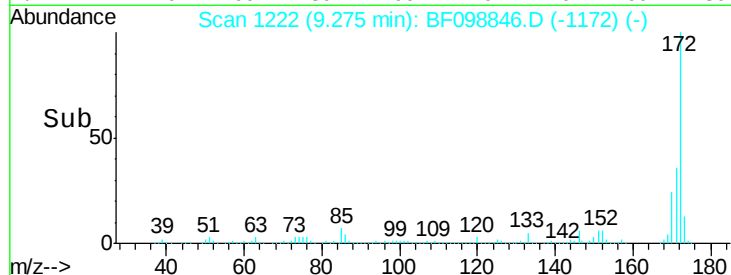
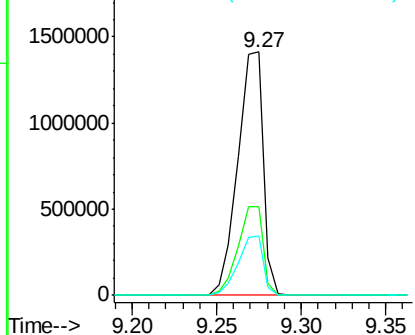
#44
 2-Fluorobiphenyl
 Concen: 103.01 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098846.D
 Acq: 26 Sep 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1481622
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 19.6 29.4

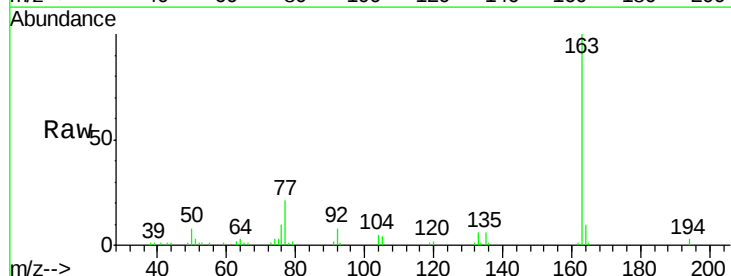


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

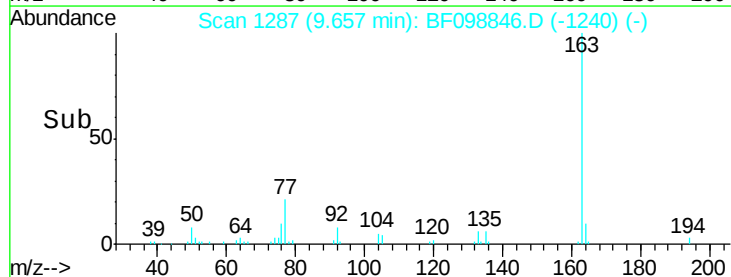
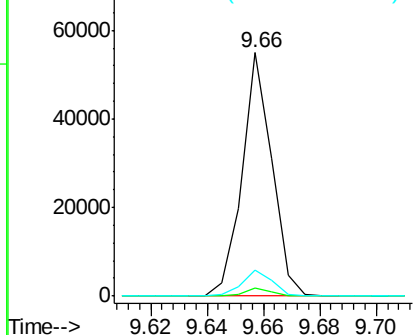


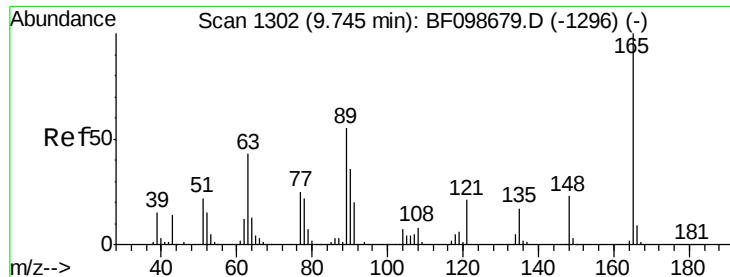
#49
 Dimethylphthalate
 Concen: 2.22 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098846.D
 Acq: 26 Sep 2017 21:44

Tgt Ion:163 Resp: 40188
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.5 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: 7.70 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.21 min

Lab File: BF098846.D

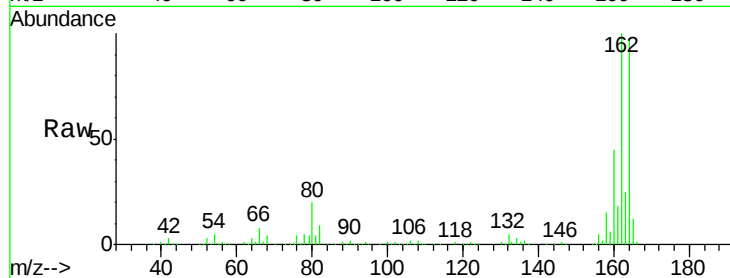
Acq: 26 Sep 2017 21:44

Instrument :

BNA_F

ClientSampleId :

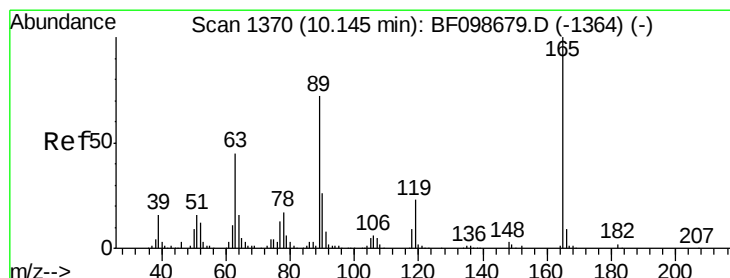
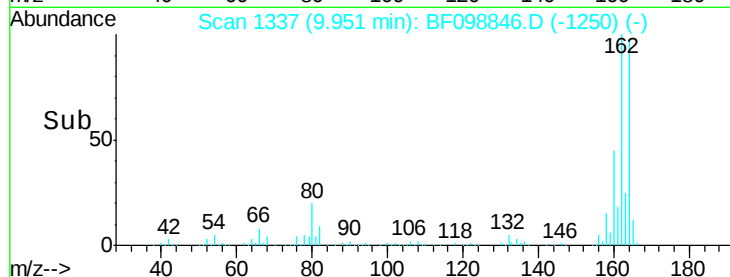
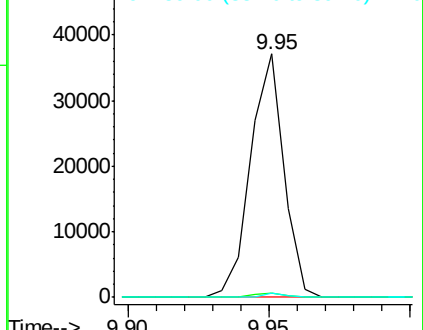
Tot Ion:165	Resp:	30371
Ion Ratio	Lower	Upper
165	100	
63	1.5	44.7 67.1#
89	1.7	44.0 66.0#



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: 5.93 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098846.D

Acq: 26 Sep 2017 21:44

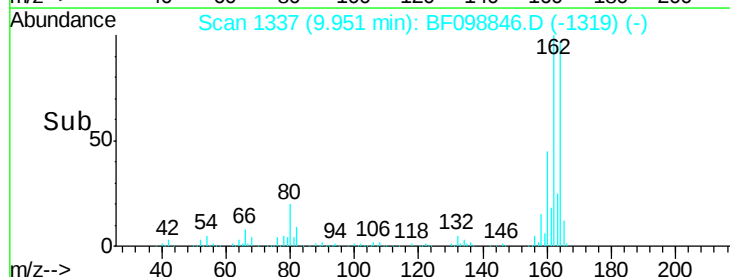
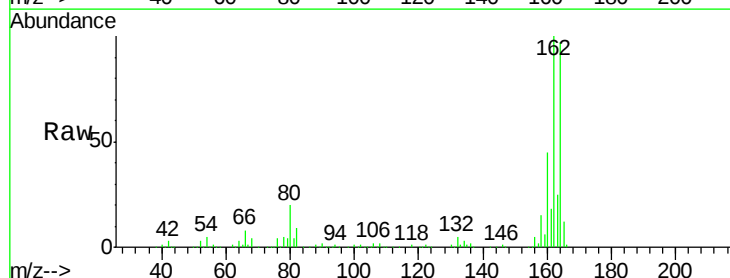
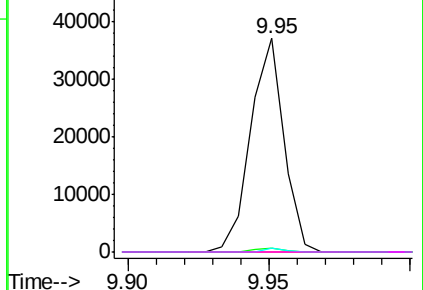
Tgt Ion:165	Resp:	30371
Ion Ratio	Lower	Upper
165	100	
63	1.5	36.4 54.6#
89	1.7	57.8 86.6#
182	0.0	1.6 2.4#

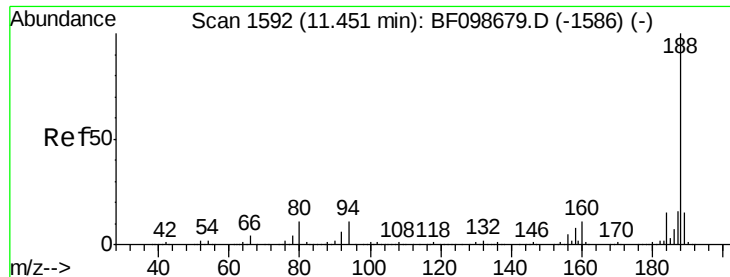
Abundance Ion 165.00 (164.70 to 165.70): E

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

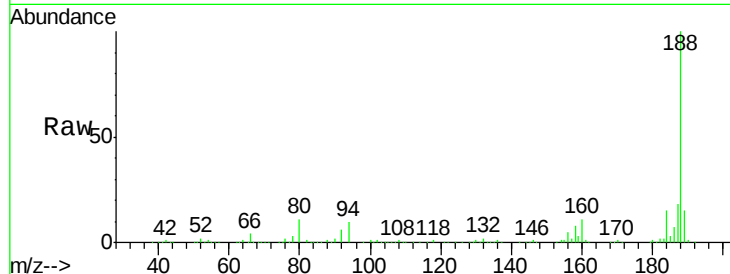




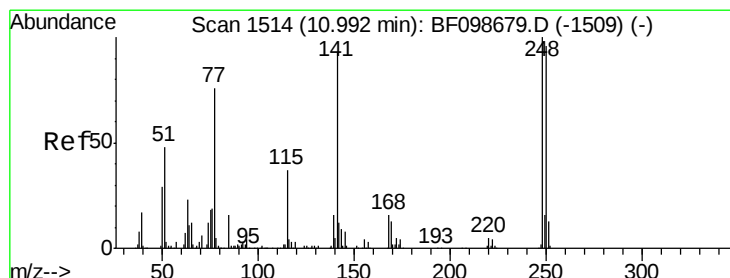
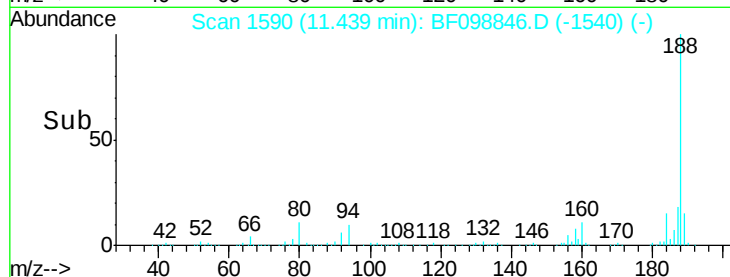
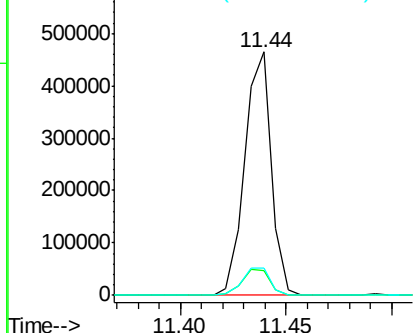
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098846.D
Acq: 26 Sep 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 404235
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.0 9.2 13.8

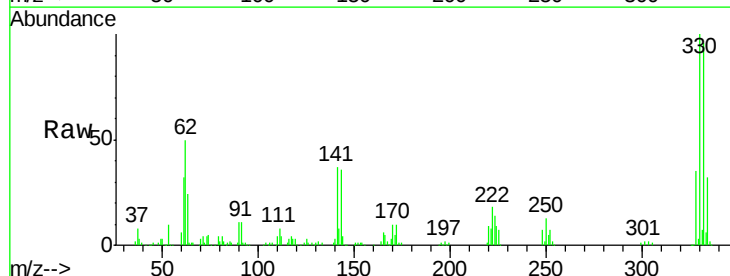


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

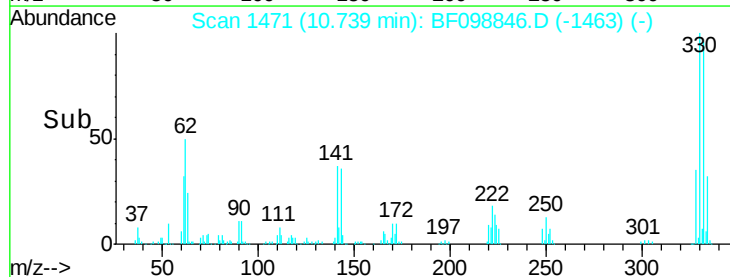
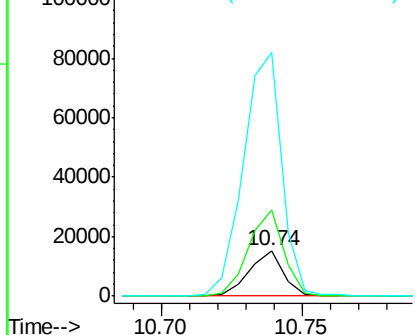


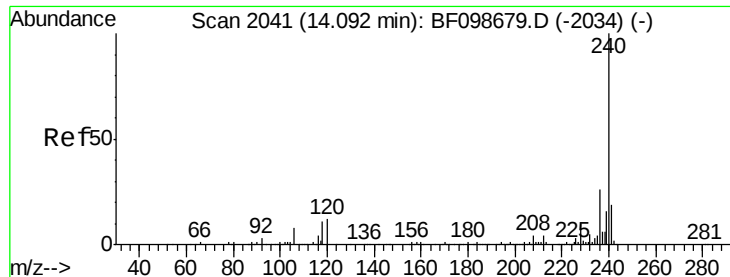
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098846.D
Acq: 26 Sep 2017 21:44

Tgt Ion:248 Resp: 12838
Ion Ratio Lower Upper
248 100
250 190.9 76.9 115.3#
141 535.3 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: BF098846.D

Acq: 26 Sep 2017 21:44

Instrument :

BNA_F

ClientSampleId :

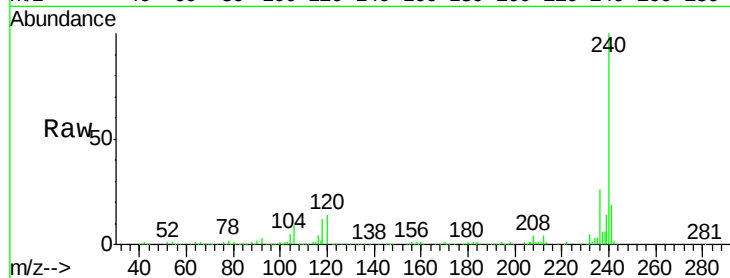
Tot Ion:240 Resp: 268486

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

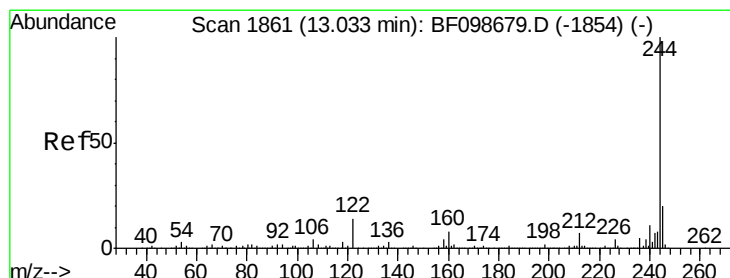
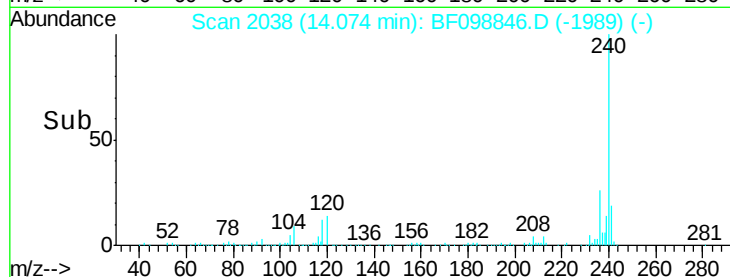
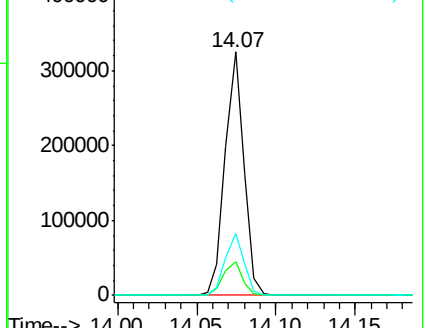
236 25.7 20.7 31.1



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: 93.05 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098846.D

Acq: 26 Sep 2017 21:44

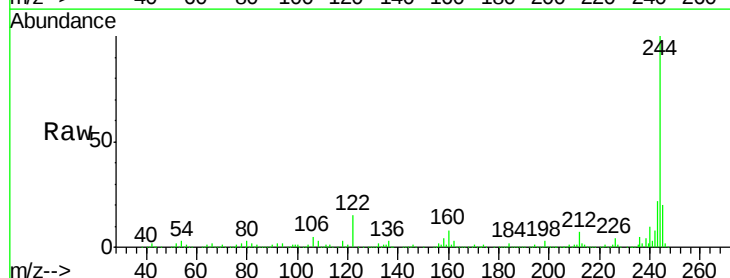
Tgt Ion:244 Resp: 1098466

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

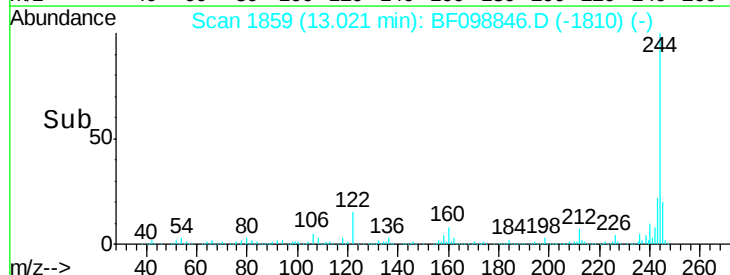
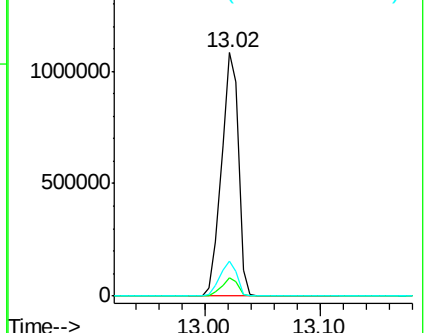
122 14.6 11.0 16.4

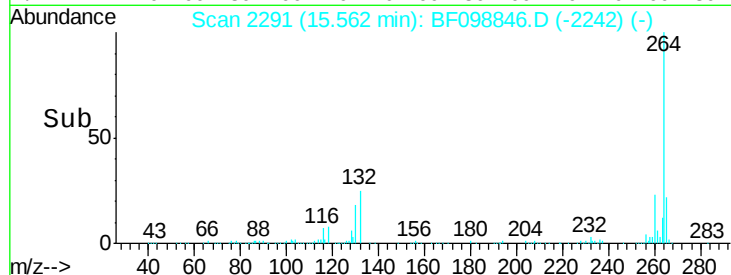
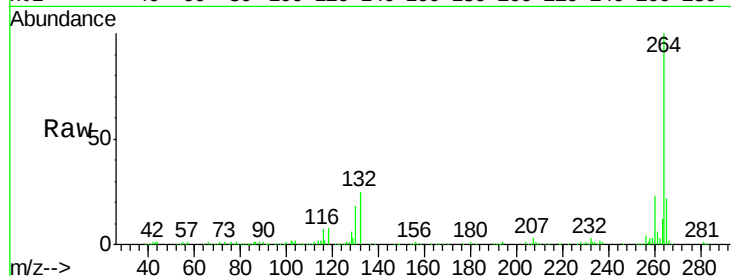
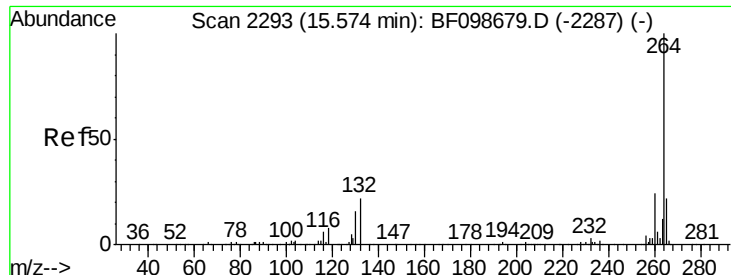


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098846.D
 Acq: 26 Sep 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	249113
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.3	17.5	26.3

