

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098871.D
 Acq On : 27 Sep 2017 19:10
 Operator : SJ/JU
 Sample : PB102662BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:52:33 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

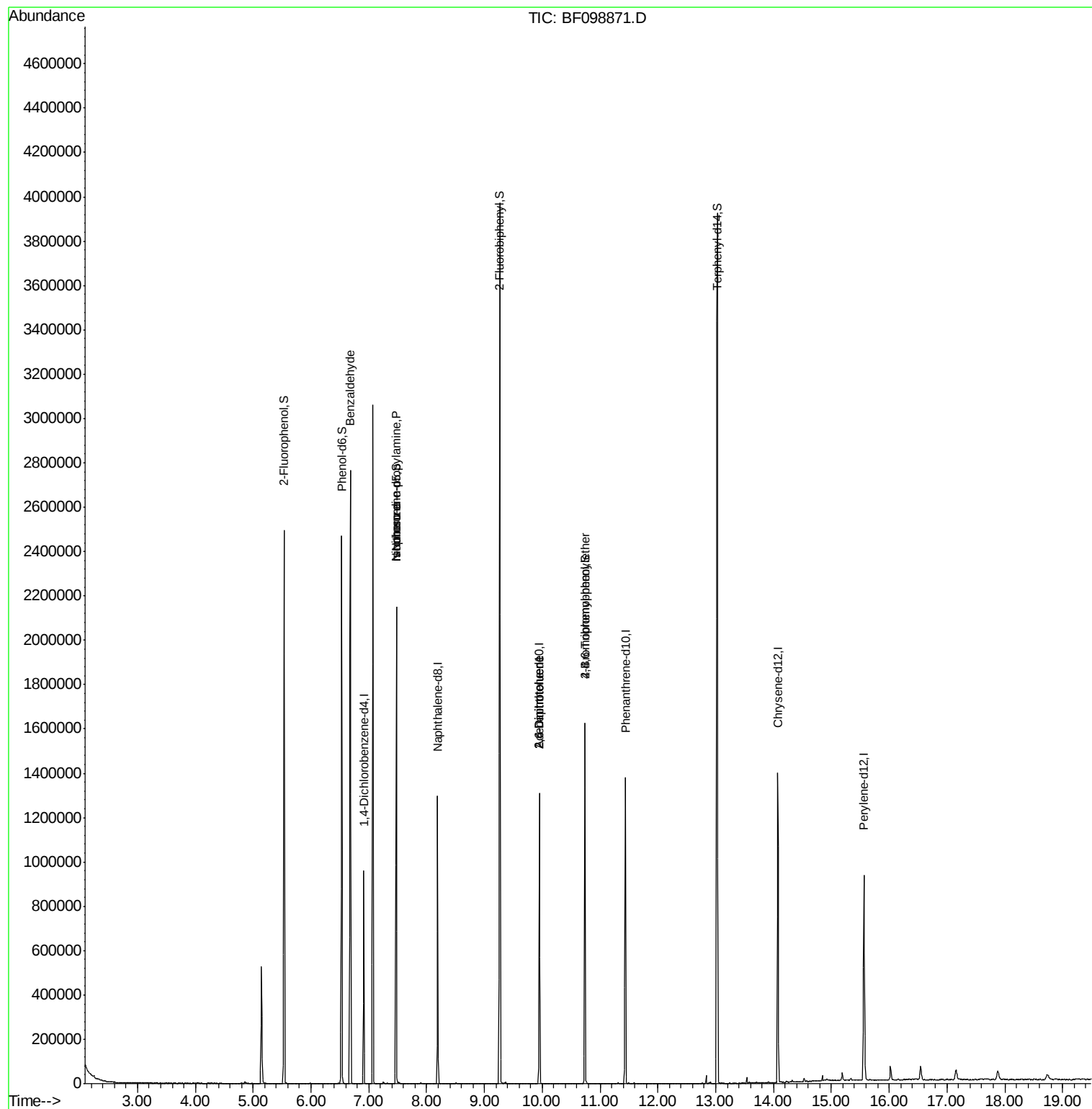
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	134953	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	556565	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	259651	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	485934	20.00	ng	0.00
75) Chrysene-d12	14.07	240	440260	20.00	ng	-0.01
86) Perylene-d12	15.57	264	396680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	725404	85.57	ng	0.00
7) Phenol-d6	6.53	99	849537	81.23	ng	-0.01
23) Nitrobenzene-d5	7.47	82	729991	84.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	174747	82.25	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1376480	88.50	ng	-0.01
78) Terphenyl-d14	13.03	244	1308940	67.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	14750	2.43	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.47	70	95410	14.29	ng	# 74
25) Isophorone	7.47	82	729749	40.67	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	32662	7.66	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	32662	5.90	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	11851	2.49	ng	# 1

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

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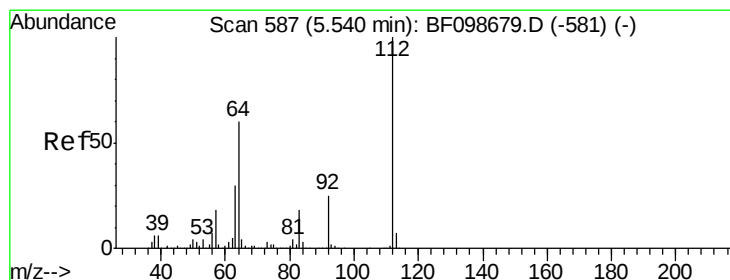
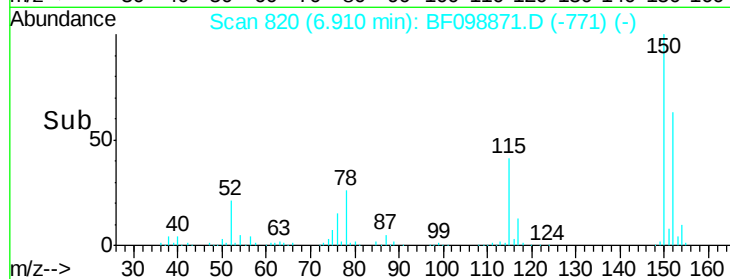
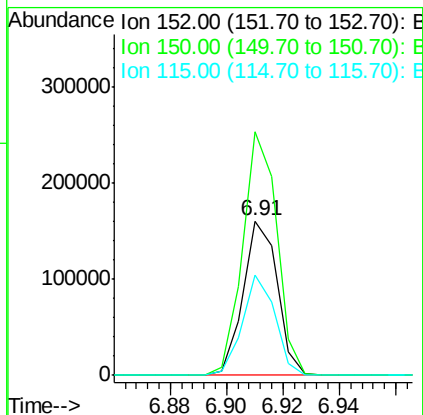
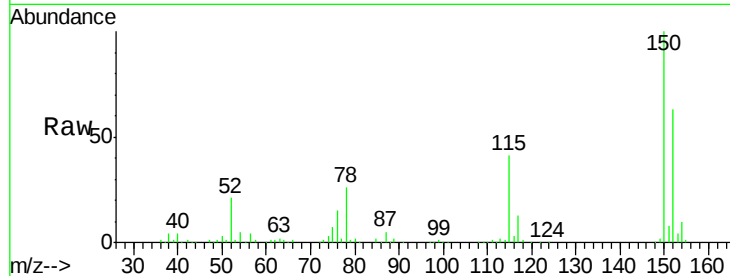


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Instrument :
BNA_F
ClientSampleId :

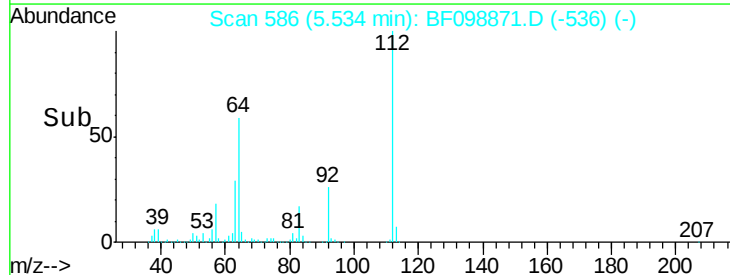
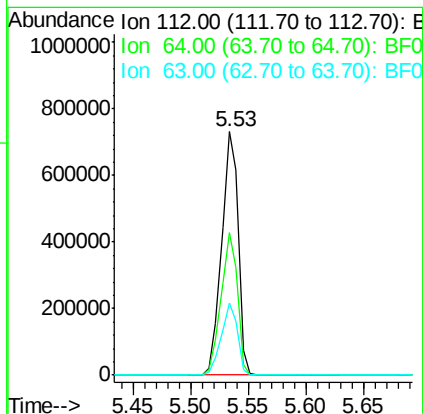
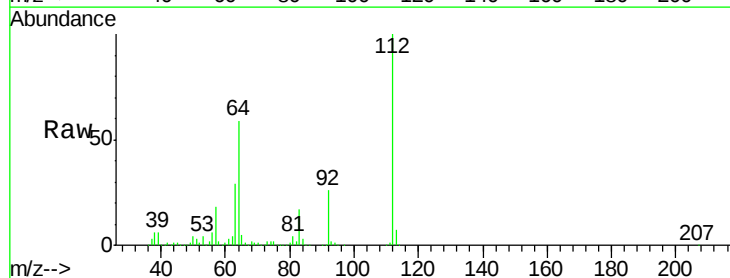
Tot Ion:152 Resp: 134953
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 65.3 50.1 75.1

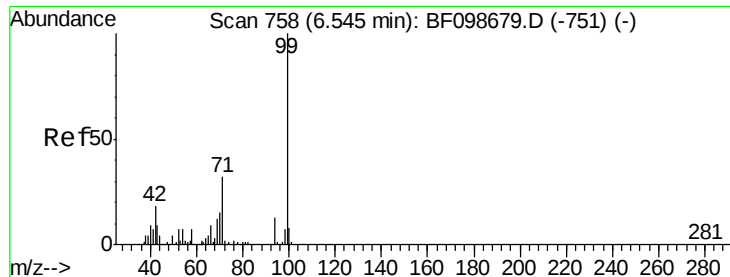


#5

2-Fluorophenol
Concen: 85.57 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Tgt Ion:112 Resp: 725404
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 81.23 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

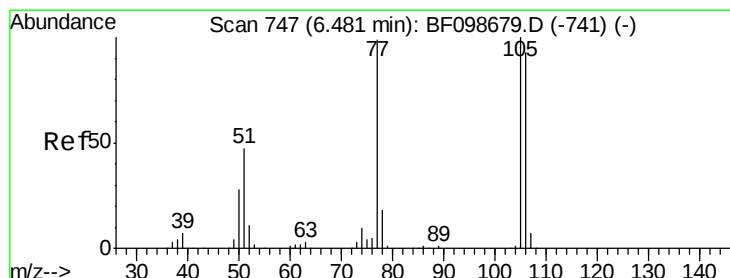
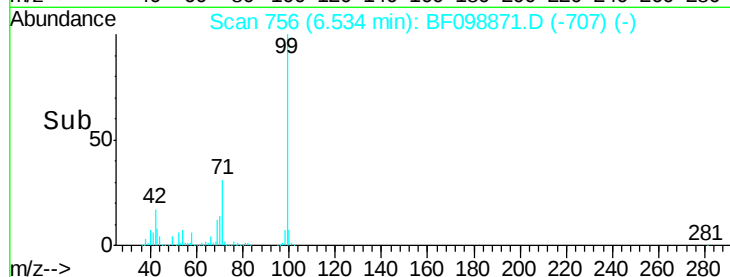
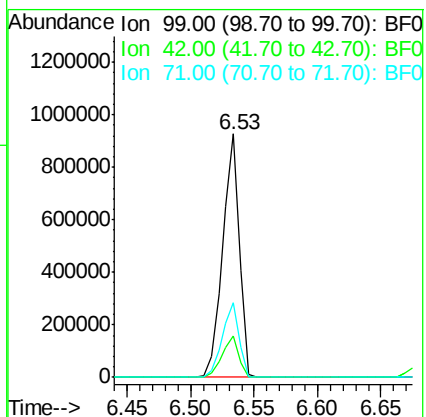
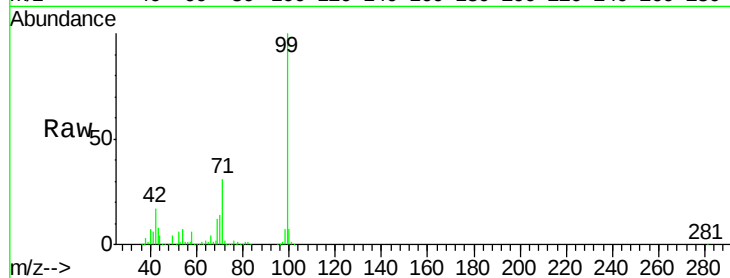
Tot Ion: 99 Resp: 849537

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 30.7 25.4 38.0



#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

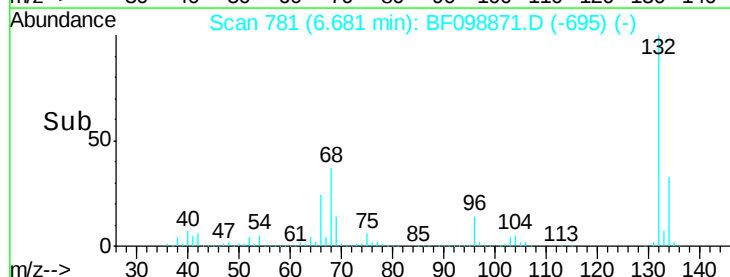
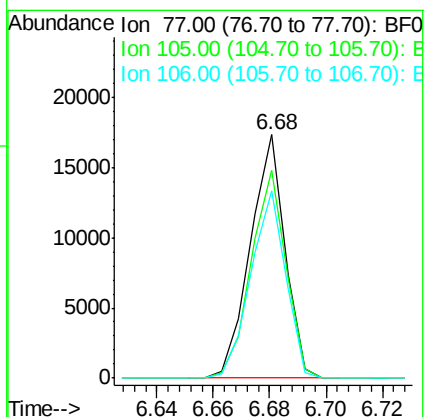
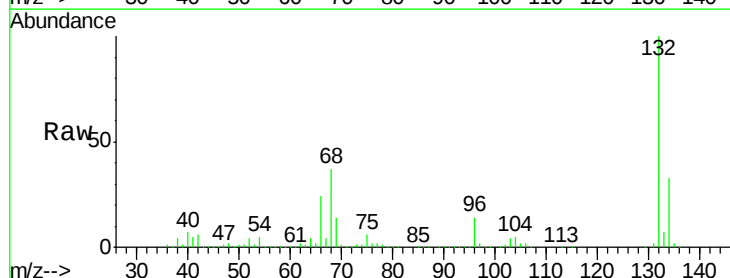
Tgt Ion: 77 Resp: 14750

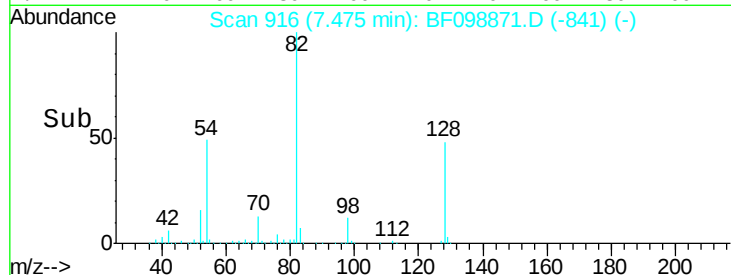
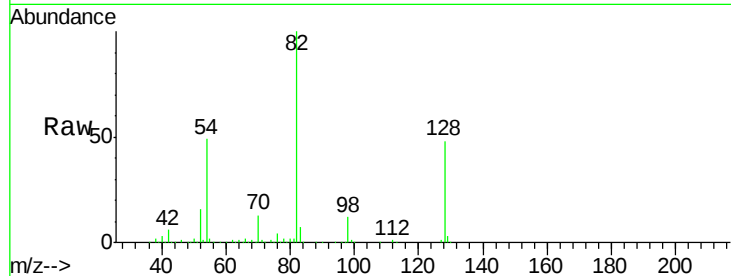
Ion Ratio Lower Upper

77 100

105 85.5 81.1 121.1

106 76.8 74.5 114.5

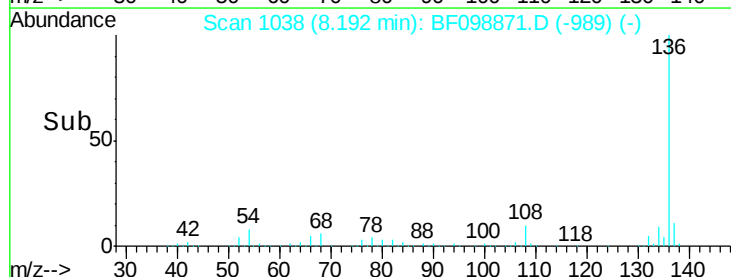
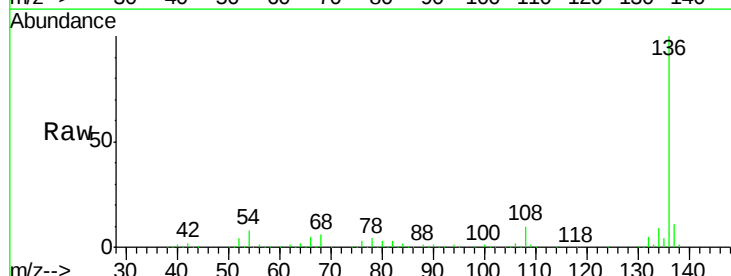
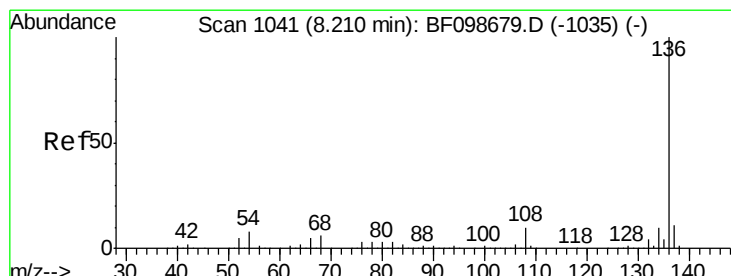
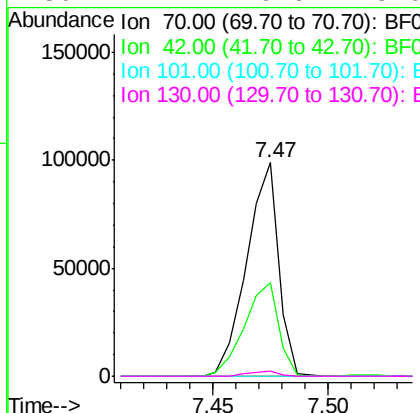




#19
n-Nitroso-di-n-propylamine
Concen: 14.29 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

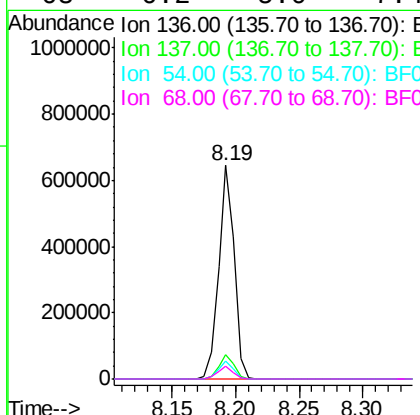
Instrument :
BNA_F
ClientSampleId :

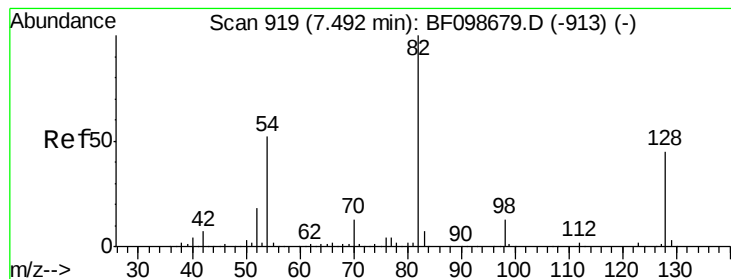
Tot Ion: 70 Resp: 95410
Ion Ratio Lower Upper
70 100
42 43.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Tgt Ion: 136 Resp: 556565
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.2 6.6 9.8
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.11 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

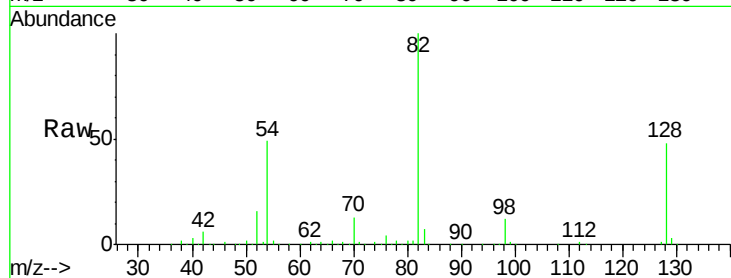
Tot Ion: 82 Resp: 729991

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

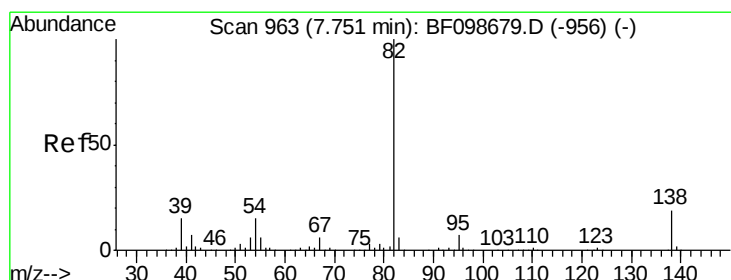
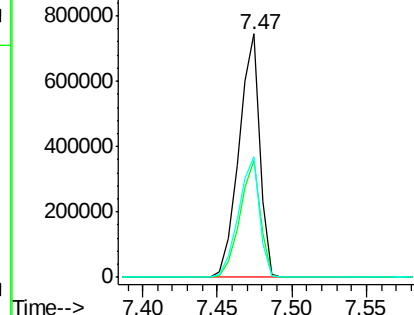
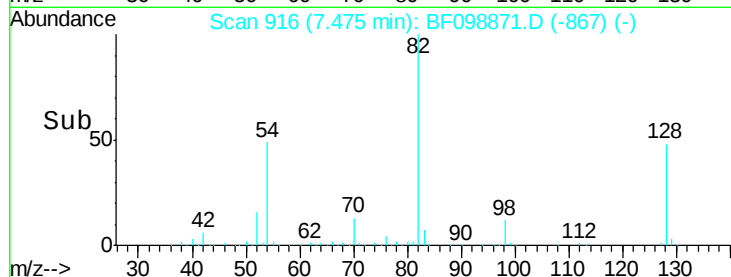
54 49.4 41.4 62.2



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: 40.67 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

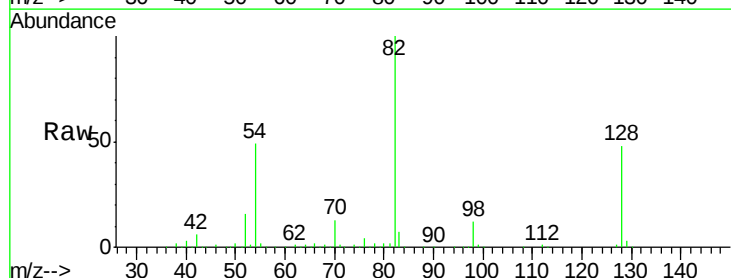
Tgt Ion: 82 Resp: 729749

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

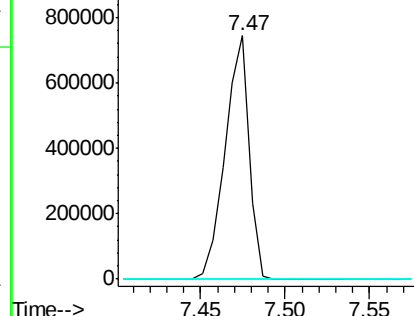
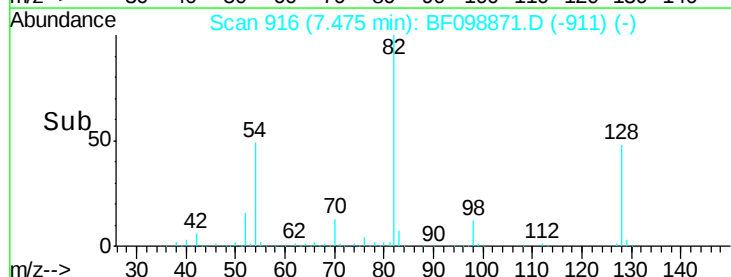
138 0.0 14.9 22.3#

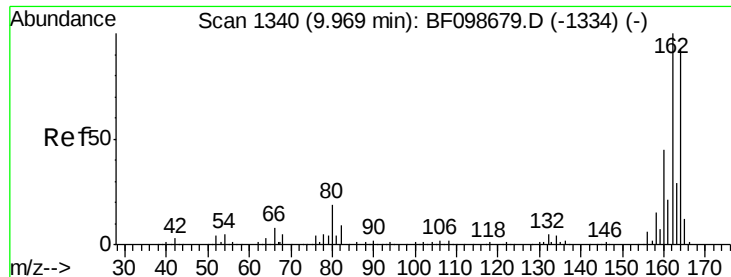


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF098871.D

Acq: 27 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

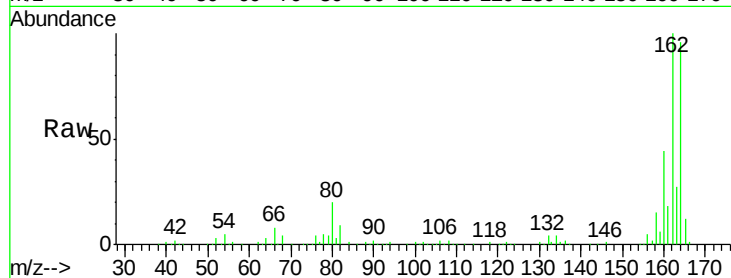
Tot Ion:164 Resp: 259651

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

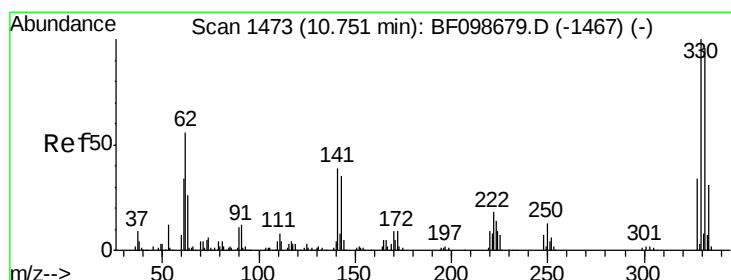
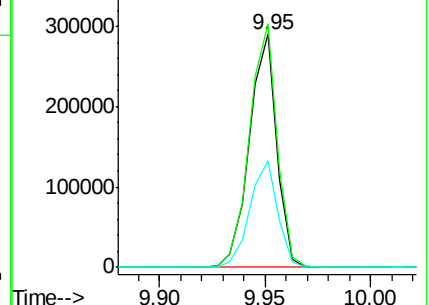
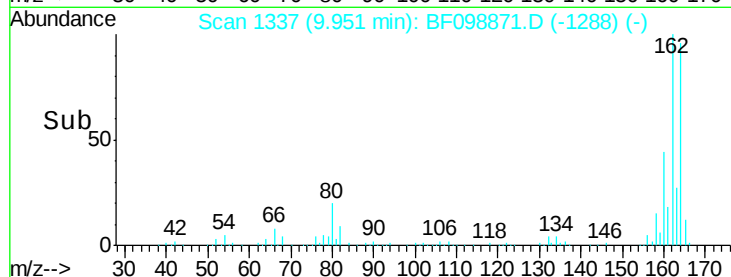
160 45.9 38.3 57.5



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: 82.25 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

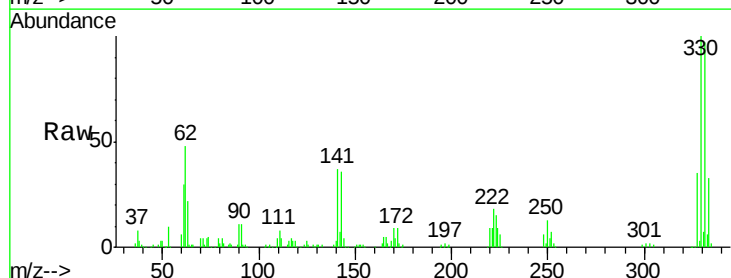
Tgt Ion:330 Resp: 174747

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

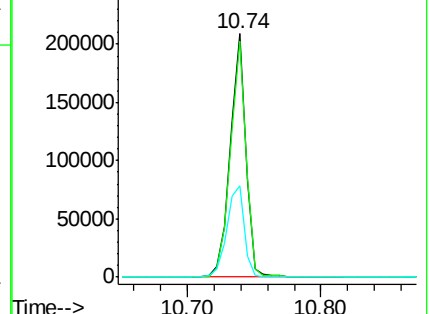
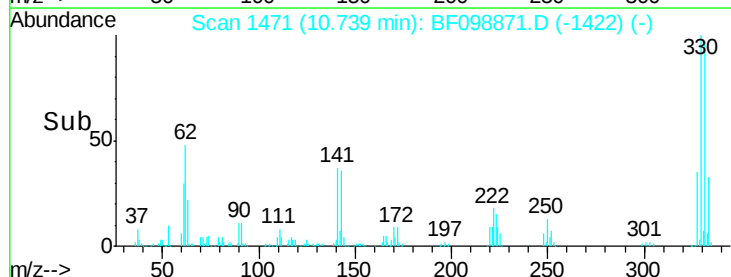
141 41.8 29.9 44.9

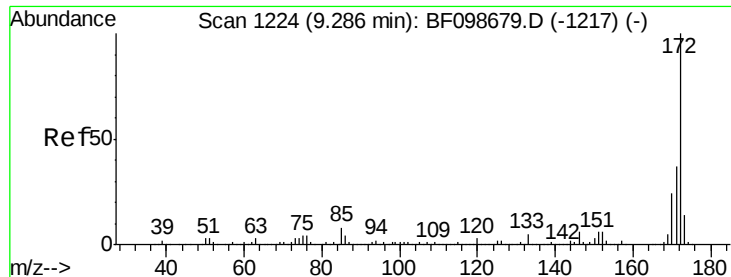


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



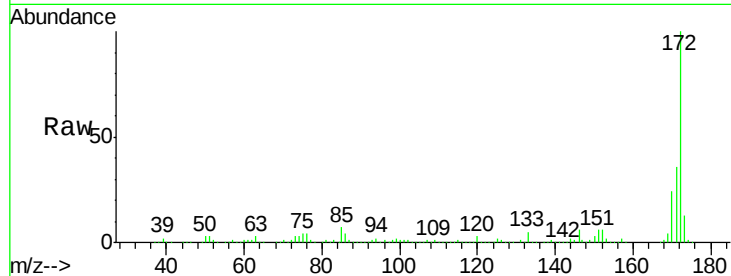


#44
 2-Fluorobiphenyl
 Concen: 88.50 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

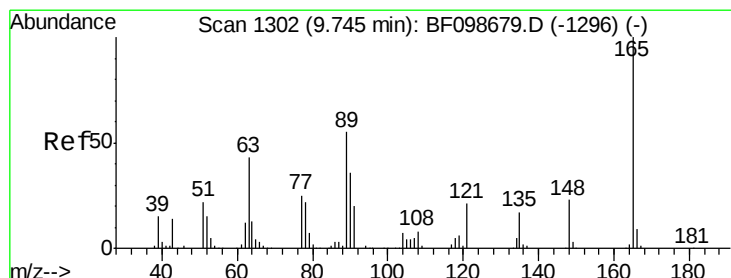
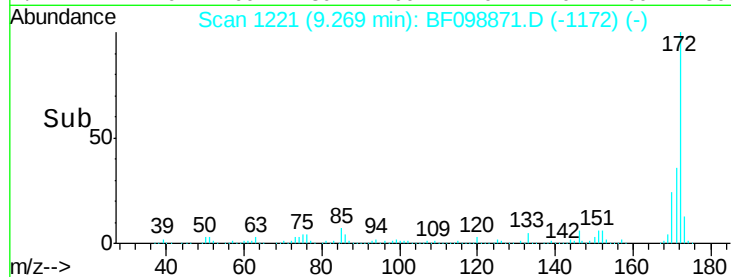
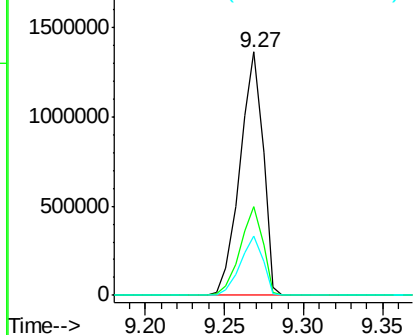
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1376480

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4



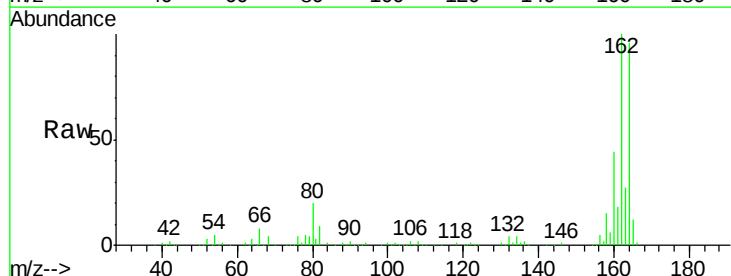
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



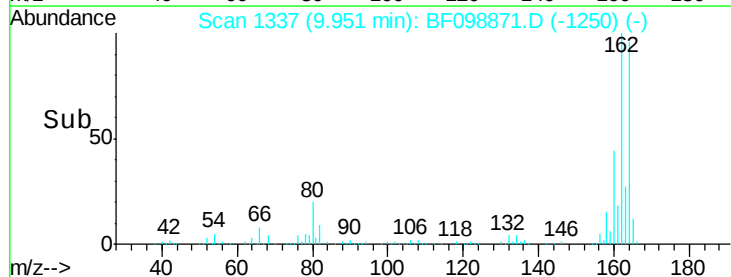
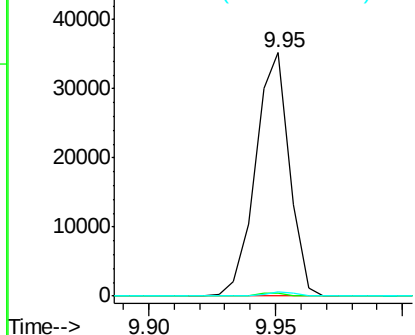
#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

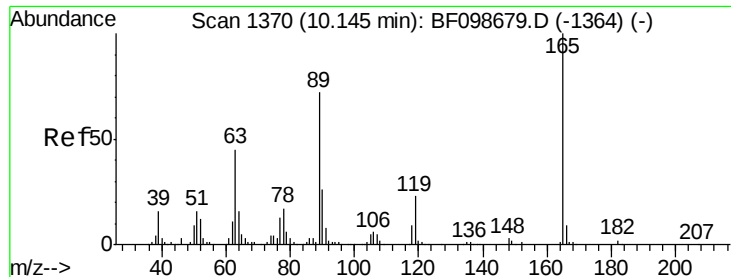
Tgt Ion:165 Resp: 32662

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.6	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

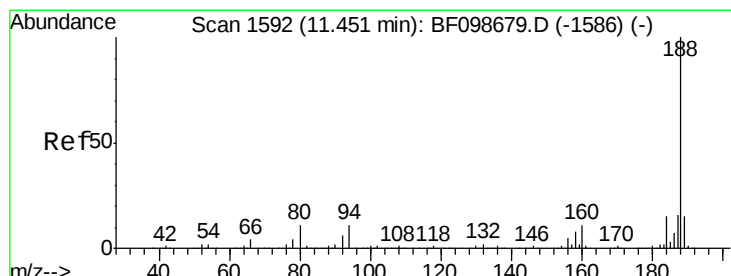
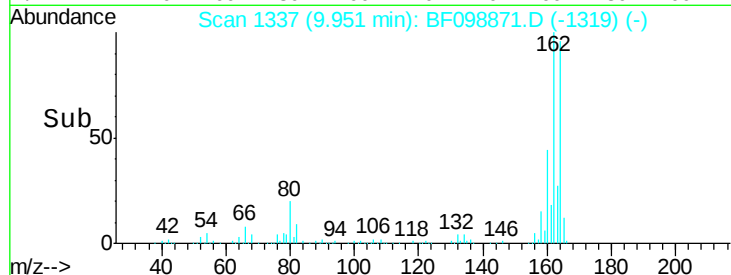
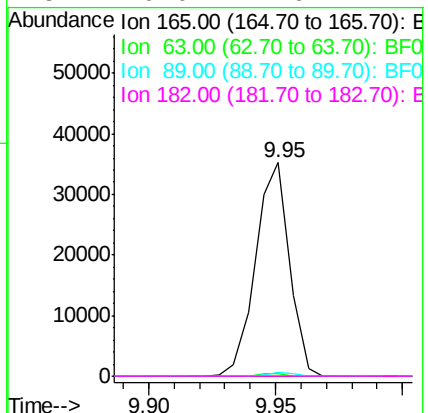
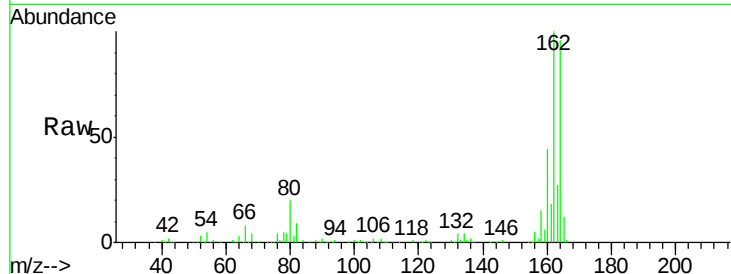




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

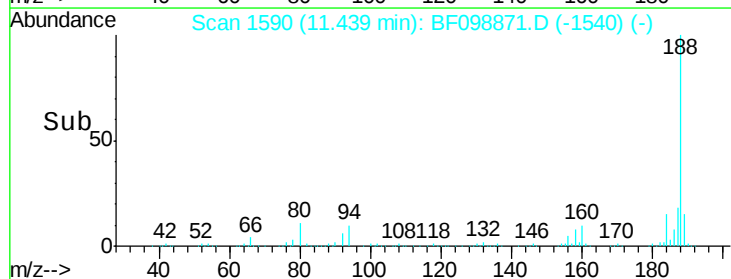
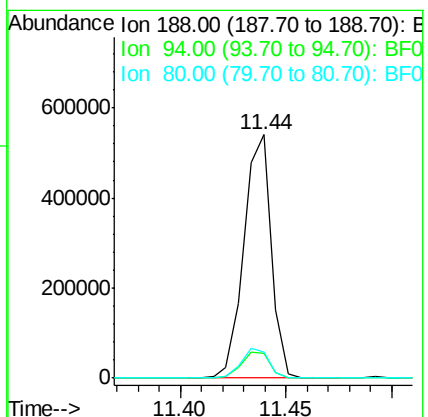
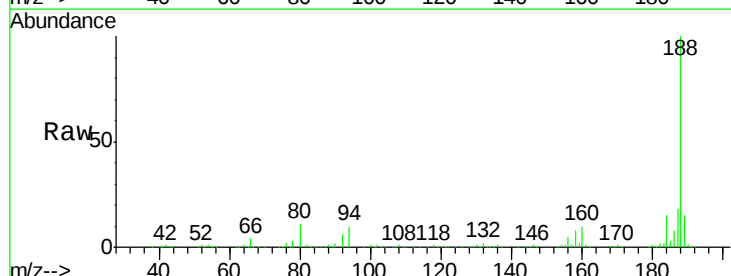
Instrument :
 BNA_F
 ClientSampleId :

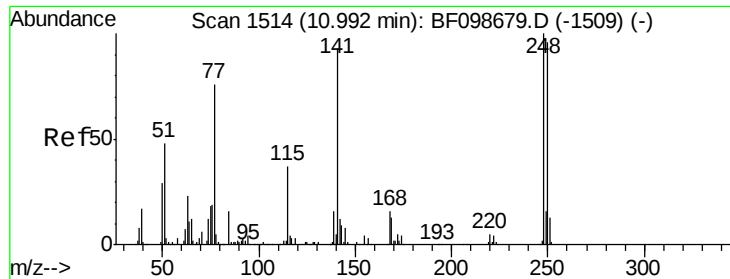
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8

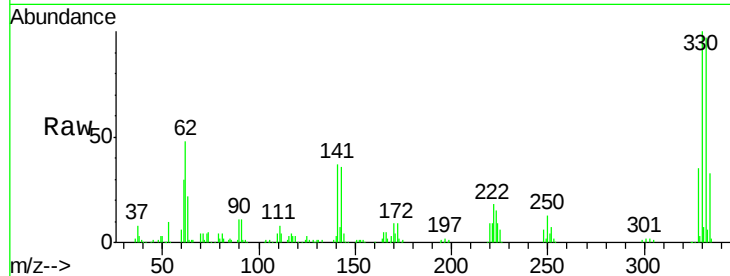




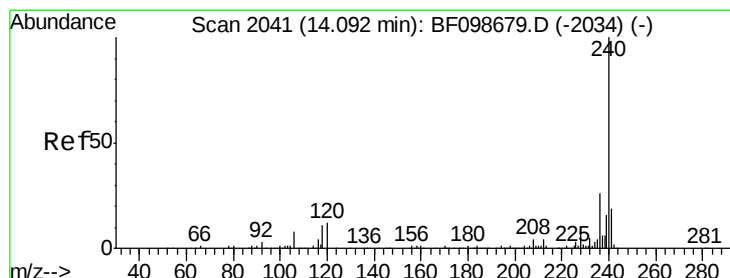
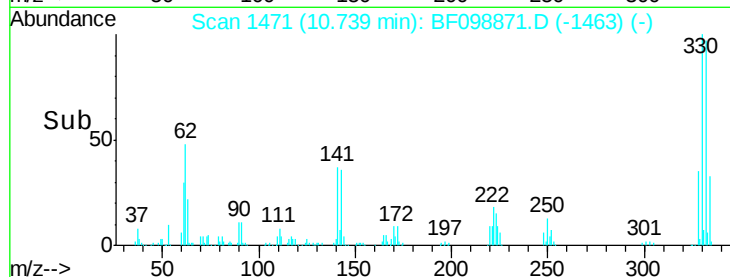
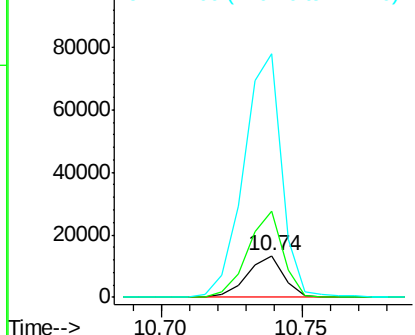
#66
4-Bromophenyl-phenylether
Concen: 2.49 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11851
Ion Ratio Lower Upper
248 100
250 206.3 76.9 115.3#
141 583.1 74.4 111.6#

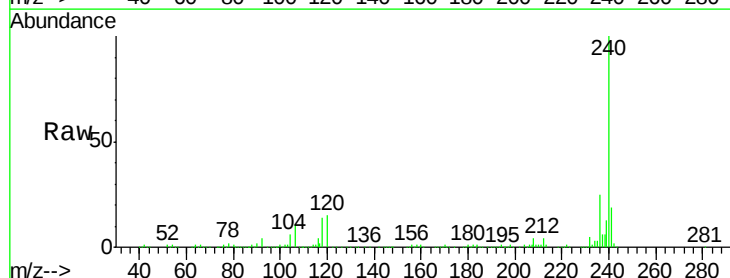


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

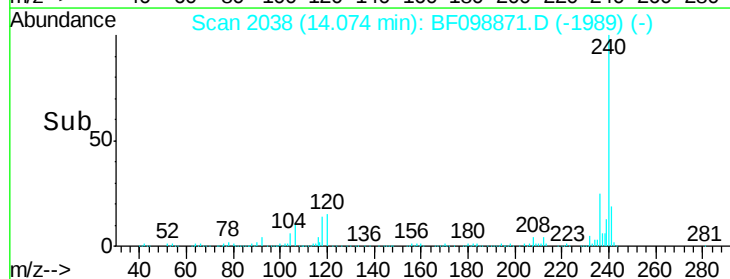
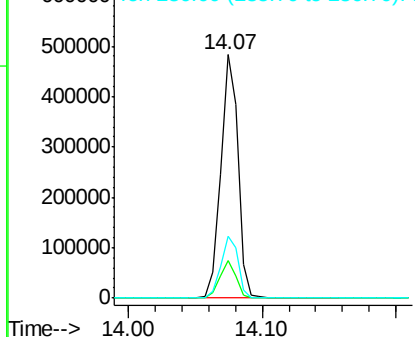


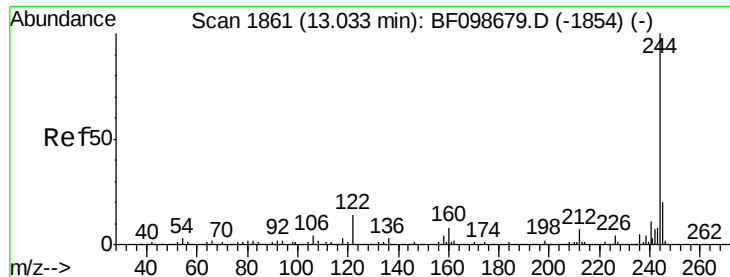
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Tgt Ion:240 Resp: 440260
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 25.1 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

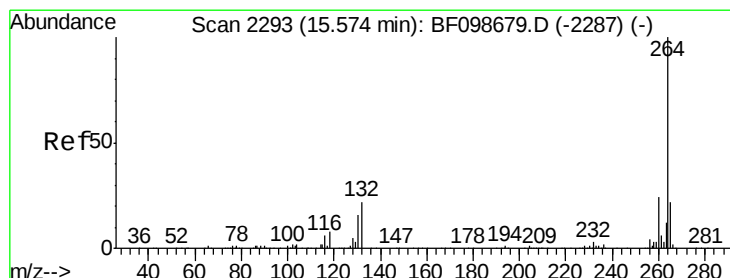
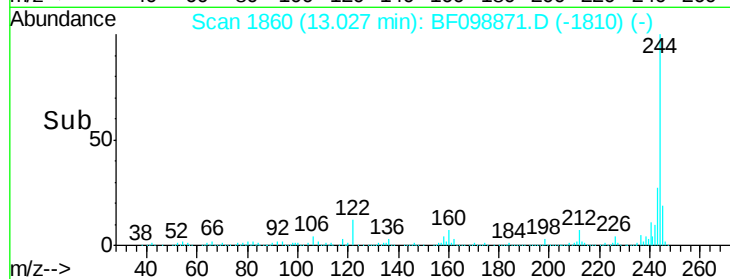
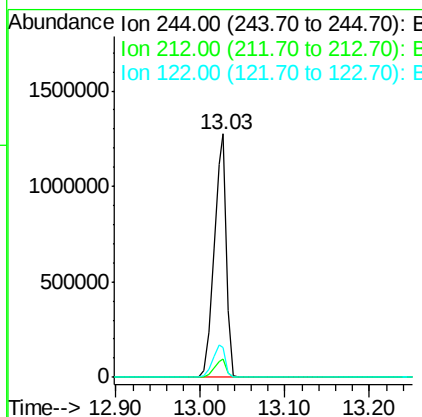
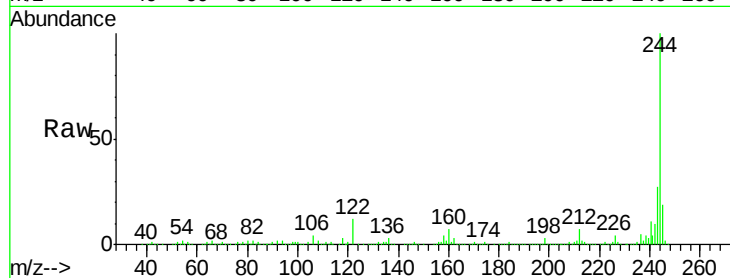




#78
 Terphenyl-d14
 Concen: 67.61 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1308940
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.5 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: BF098871.D
 Acq: 27 Sep 2017 19:10

Tgt Ion:264 Resp: 396680
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.0 17.5 26.3

