

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098847.D
 Acq On : 26 Sep 2017 22:12
 Operator : SJ/JU
 Sample : I5427-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:49:41 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

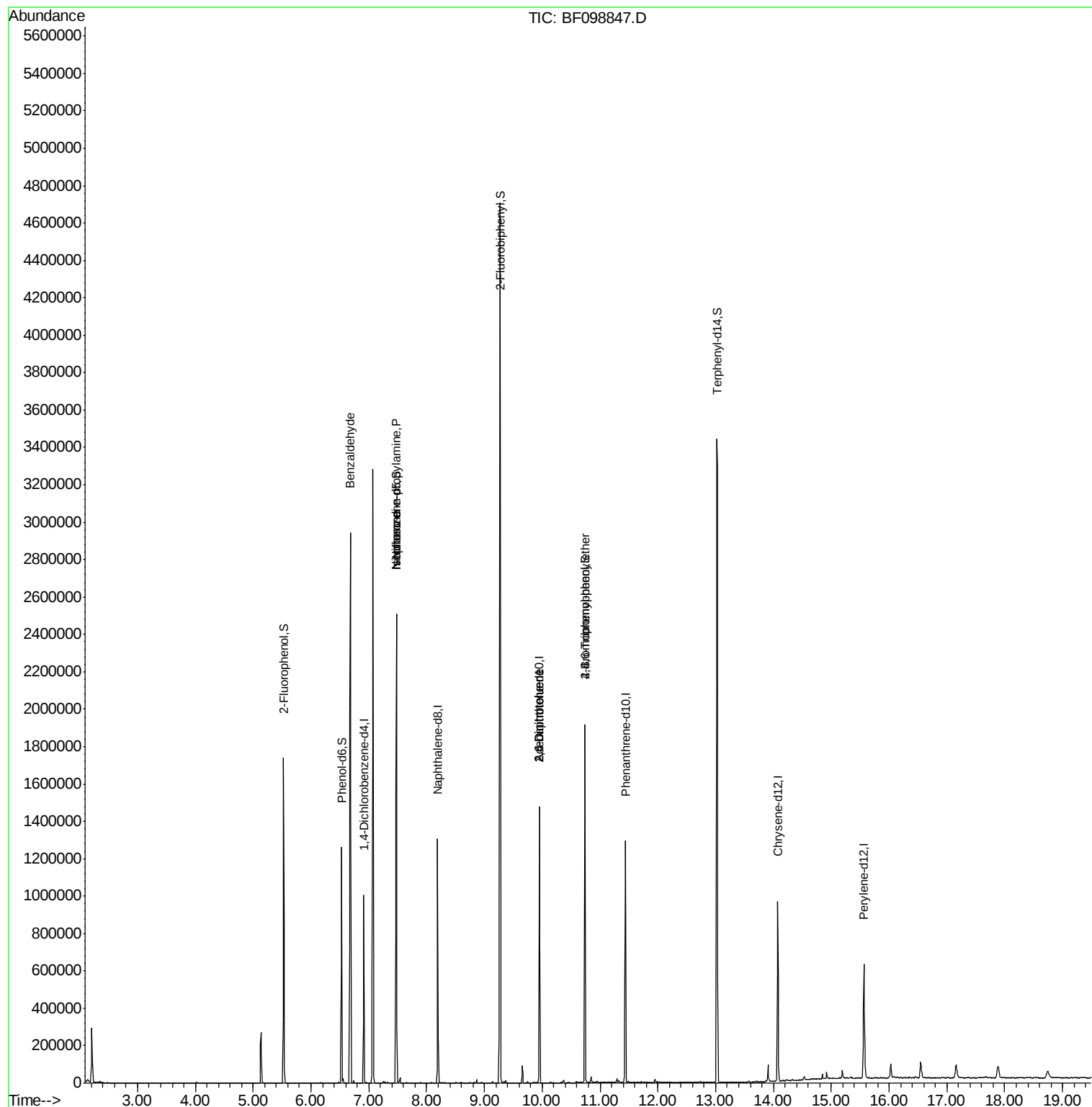
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	147060	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	607608	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	267495	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	435631	20.00	ng	0.00
75) Chrysene-d12	14.07	240	283771	20.00	ng	-0.01
86) Perylene-d12	15.57	264	269878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	443018	47.96	ng	-0.01
7) Phenol-d6	6.53	99	362388	31.80	ng	-0.02
23) Nitrobenzene-d5	7.48	82	968456	102.22	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	203503	92.97	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1664813	103.90	ng	0.00
78) Terphenyl-d14	13.02	244	1175059	94.17	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.68	77	15887	2.40	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.48	70	128032	17.60	ng	# 74
25) Isophorone	7.48	82	968323	49.43	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	34269	7.80	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	34269	6.01	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	13889	3.26	ng	# 1

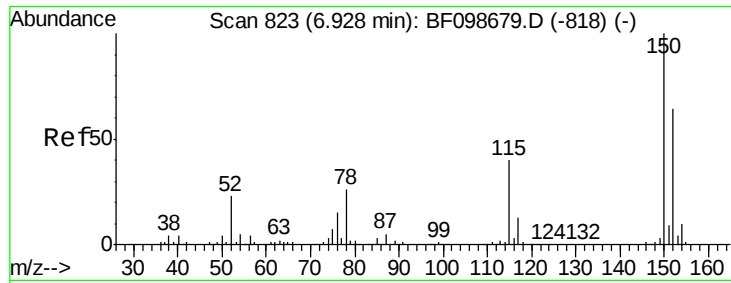
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
Data File : BF098847.D
Acq On : 26 Sep 2017 22:12
Operator : SJ/JU
Sample : I5427-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 27 00:49:41 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



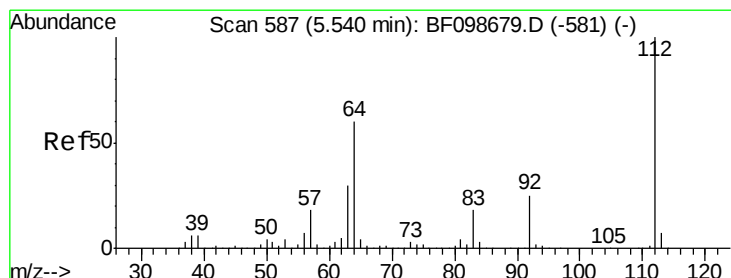
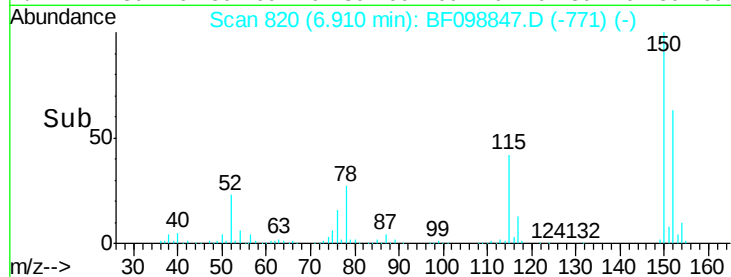
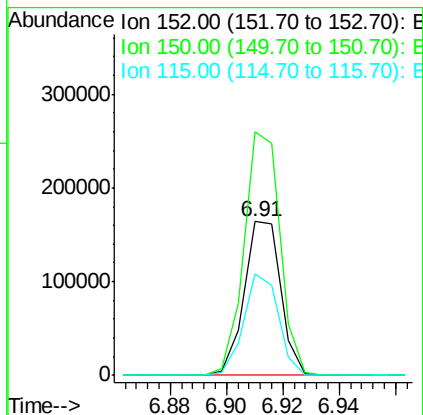
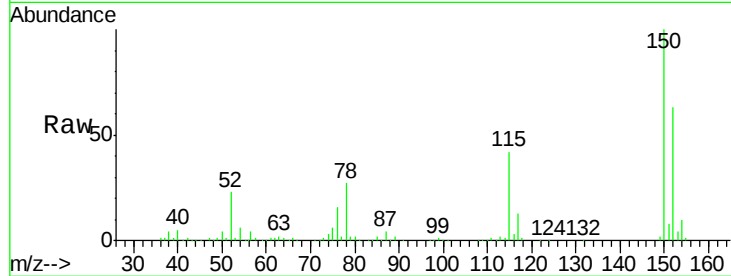


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Instrument :
BNA_F
ClientSampleId :

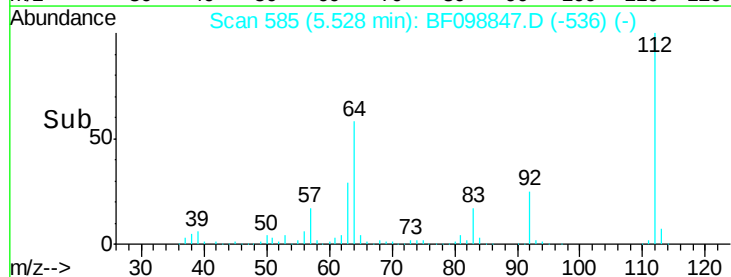
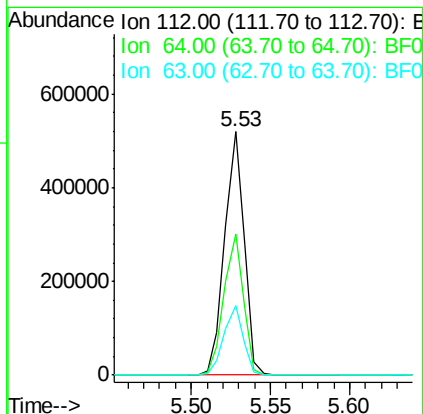
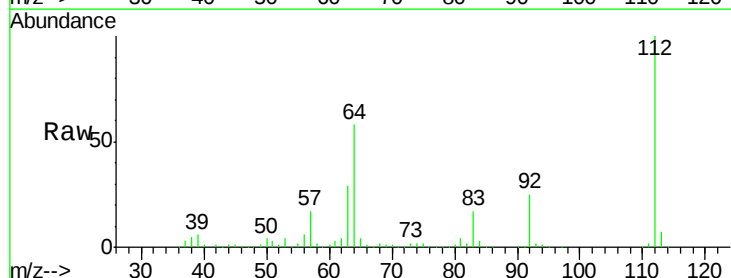
Tot Ion:152 Resp: 147060
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 66.5 50.1 75.1

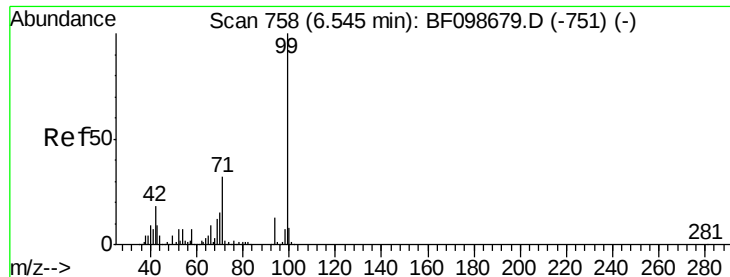


#5

2-Fluorophenol
Concen: 47.96 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Tgt Ion:112 Resp: 443018
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 31.80 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098847.D

Acq: 26 Sep 2017 22:12

Instrument :

BNA_F

ClientSampleId :

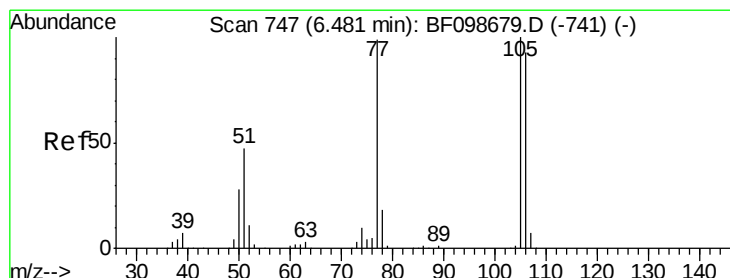
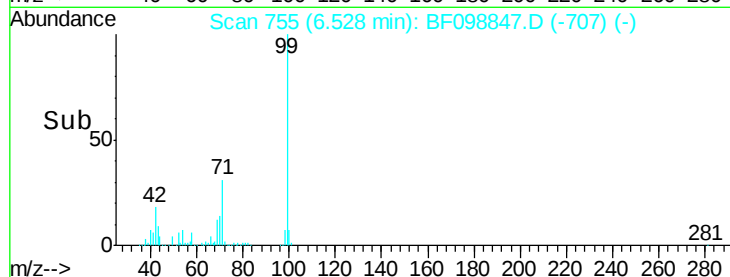
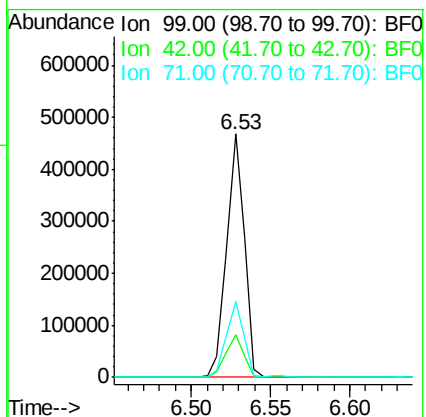
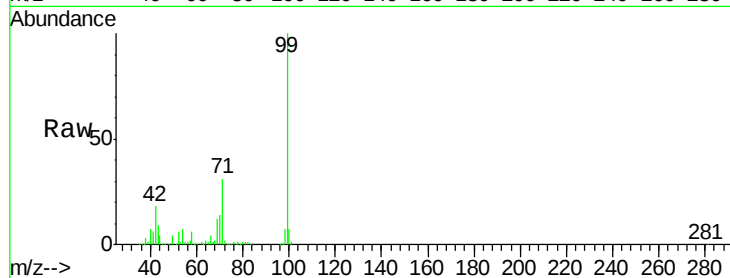
Tot Ion: 99 Resp: 362388

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 31.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.40 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098847.D

Acq: 26 Sep 2017 22:12

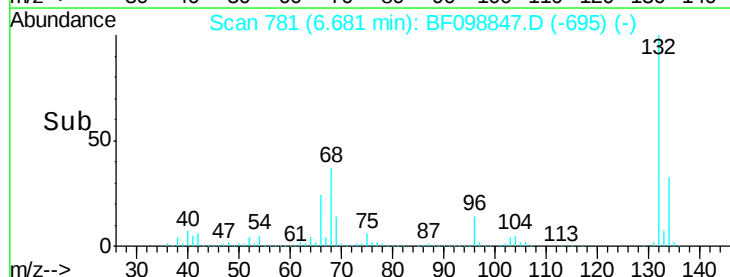
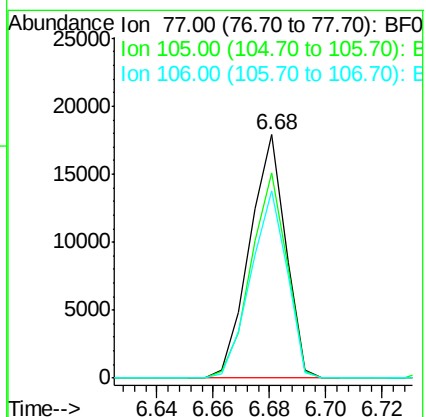
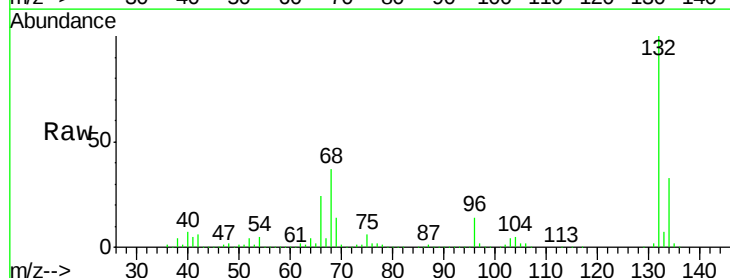
Tgt Ion: 77 Resp: 15887

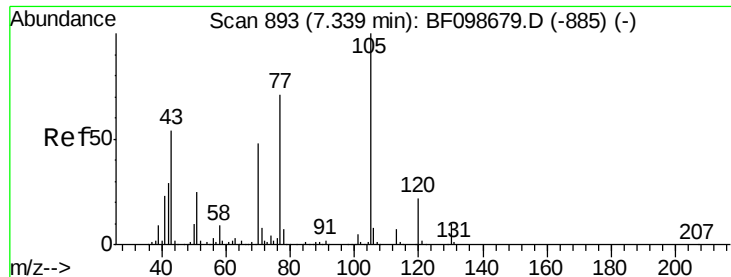
Ion Ratio Lower Upper

77 100

105 84.5 81.1 121.1

106 77.1 74.5 114.5

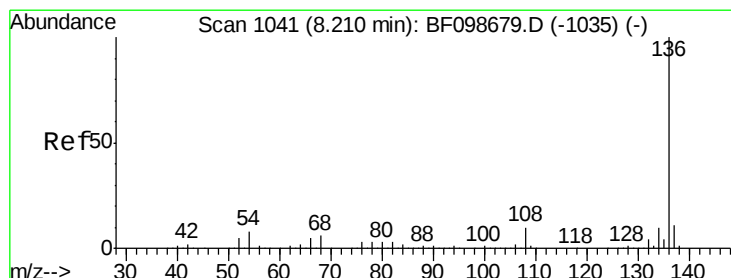
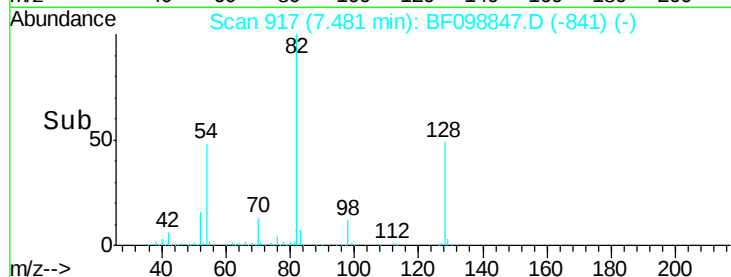
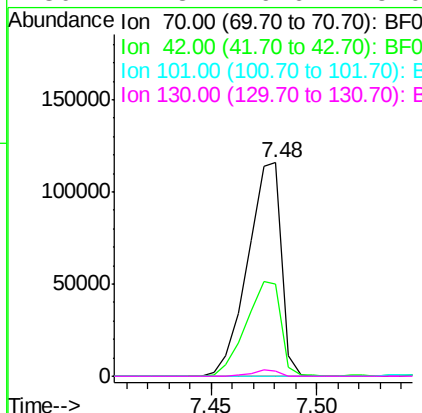
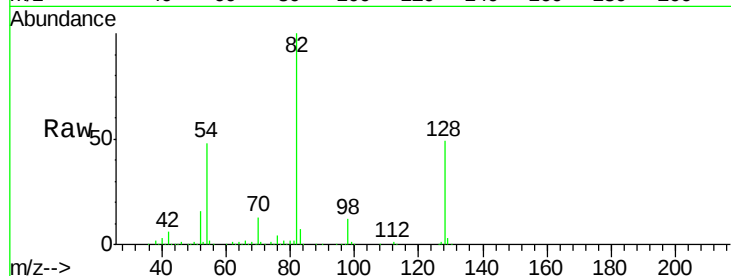




#19
n-Nitroso-di-n-propylamine
Concen: 17.60 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

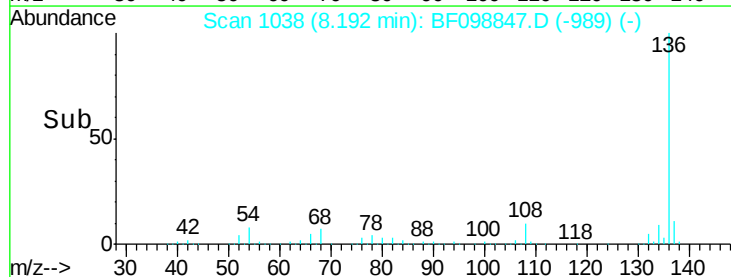
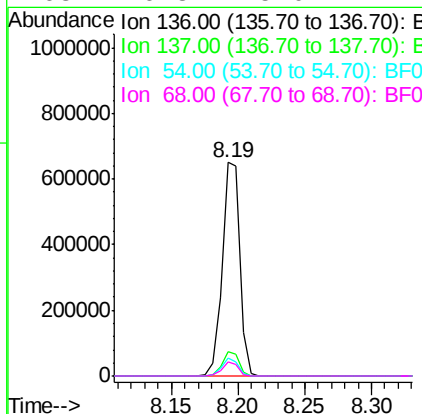
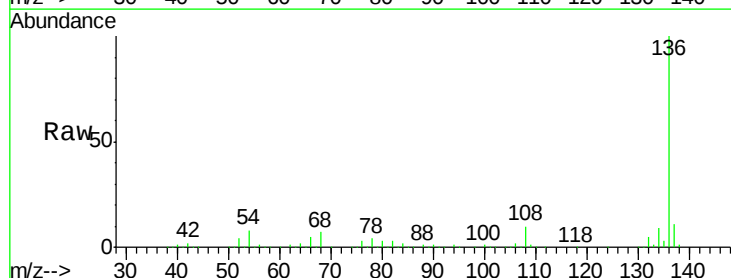
Instrument :
BNA_F
ClientSampleId :

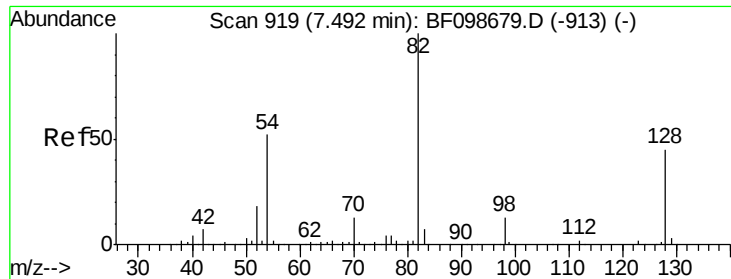
Tot Ion: 70 Resp: 128032
Ion Ratio Lower Upper
70 100
42 43.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Tgt Ion: 136 Resp: 607608
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.4 6.6 9.8
68 6.8 5.0 7.4

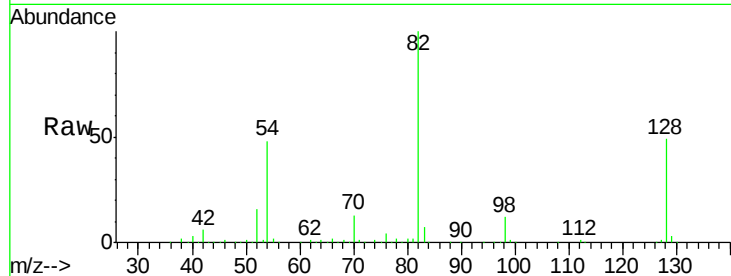




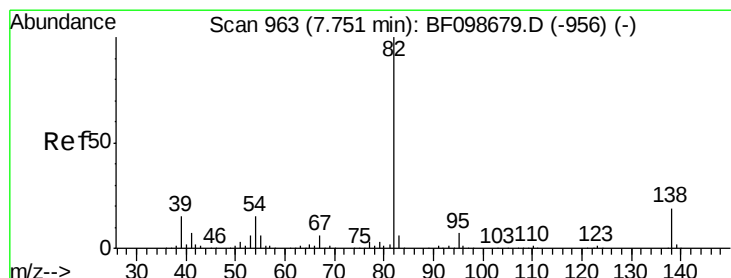
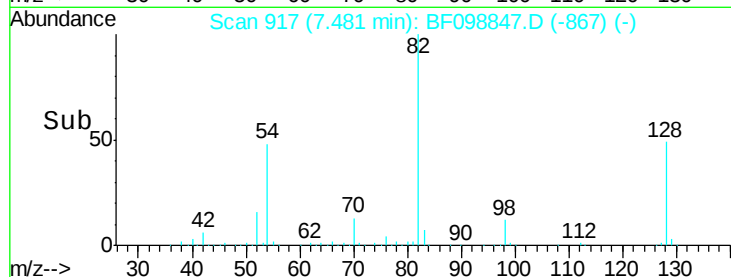
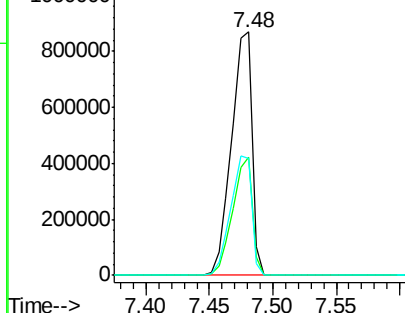
#23
Nitrobenzene-d5
Concen: 102.22 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	968456
Ion Ratio	100	Lower	Upper
128	48.8	36.1	54.1
54	47.8	41.4	62.2

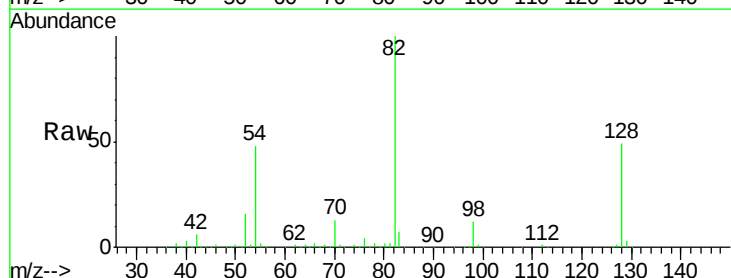


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

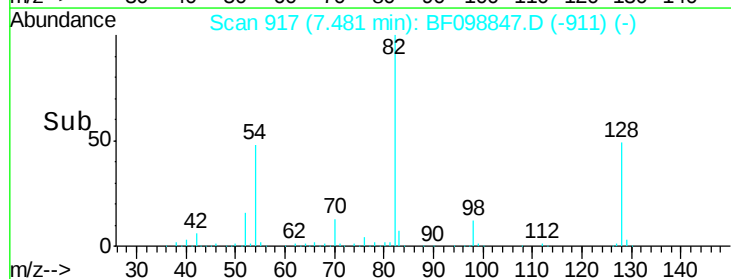
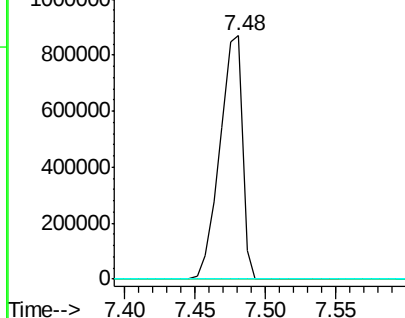


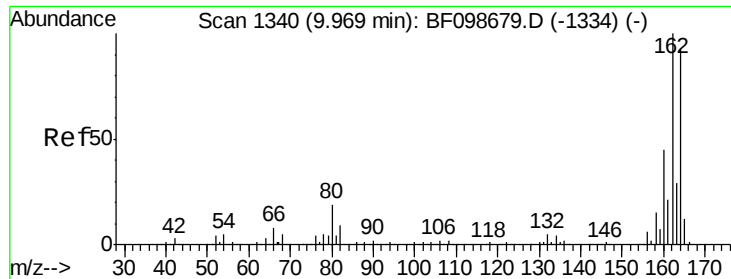
#25
Isophorone
Concen: 49.43 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.26 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Tgt Ion	82	Resp	968323
Ion Ratio	100	Lower	Upper
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

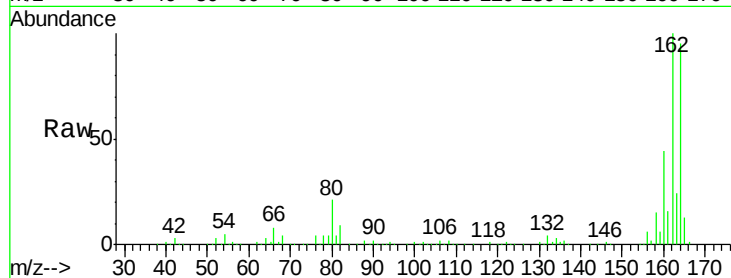




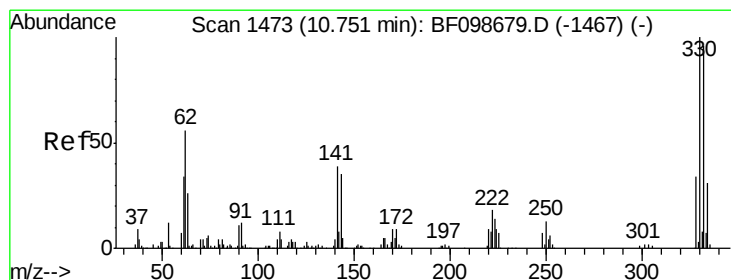
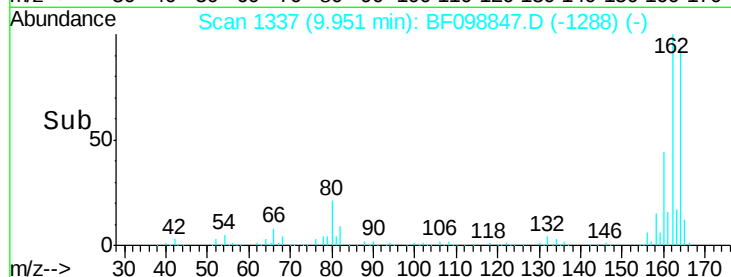
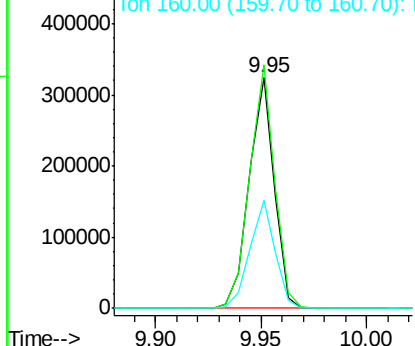
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 267495
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 46.9 38.3 57.5

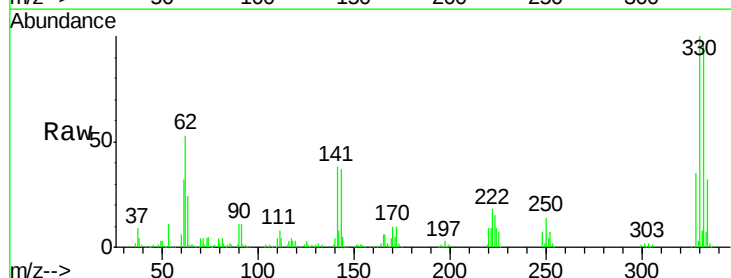


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

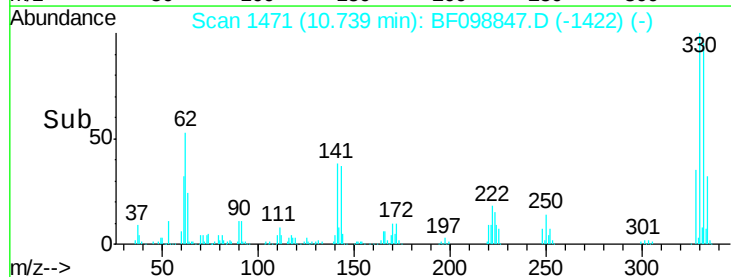
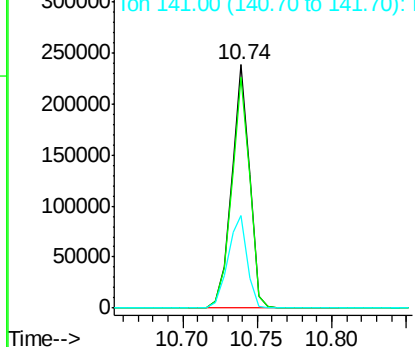


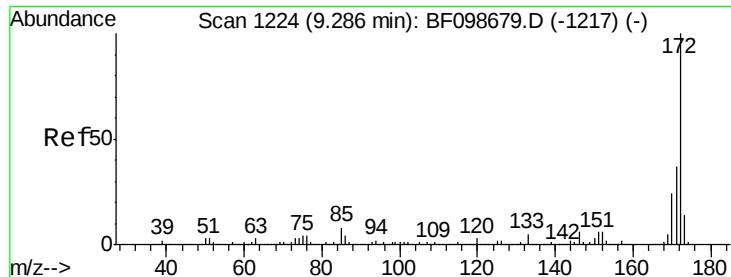
#41
 2,4,6-Tribromophenol
 Concen: 92.97 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Tgt Ion:330 Resp: 203503
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 40.8 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



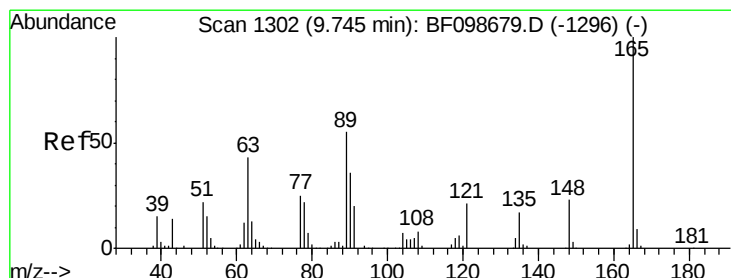
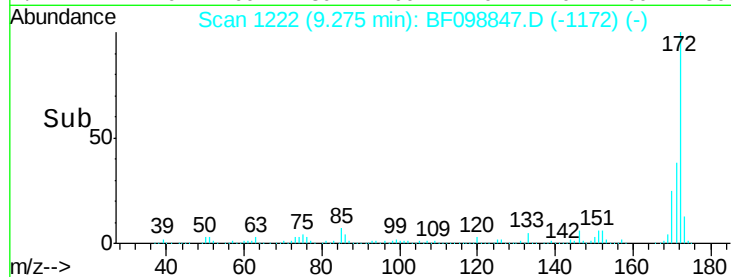
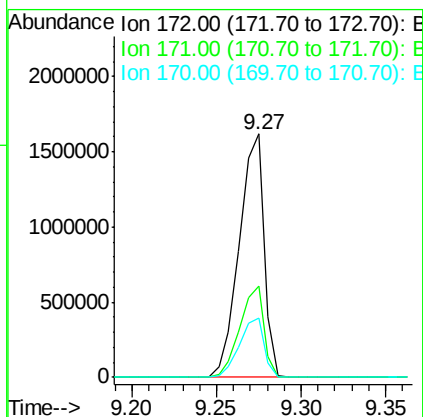
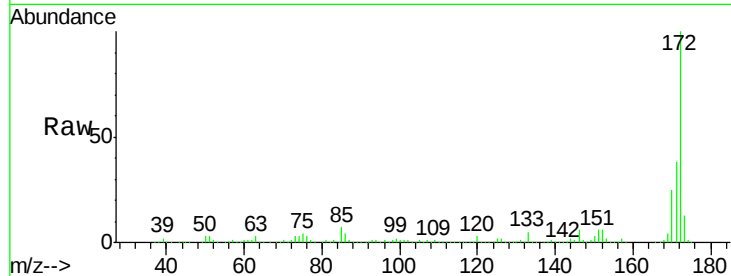


#44
 2-Fluorobiphenyl
 Concen: 103.90 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1664813

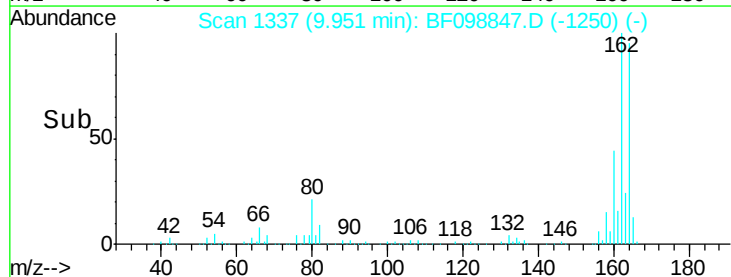
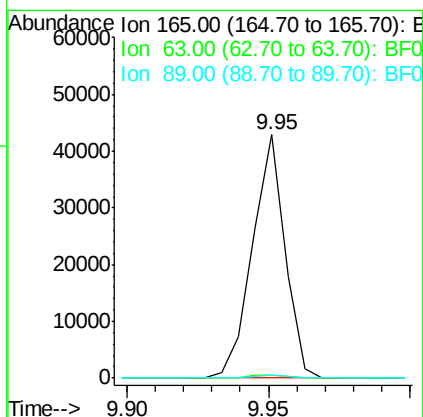
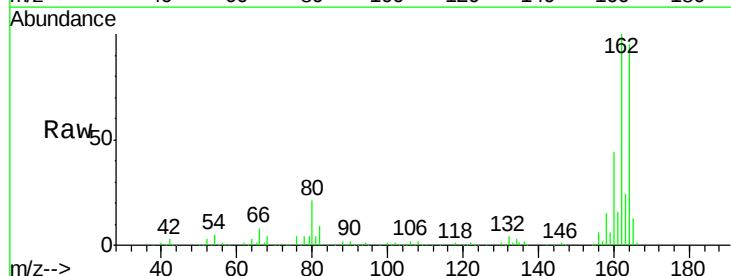
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	24.6	19.6	29.4

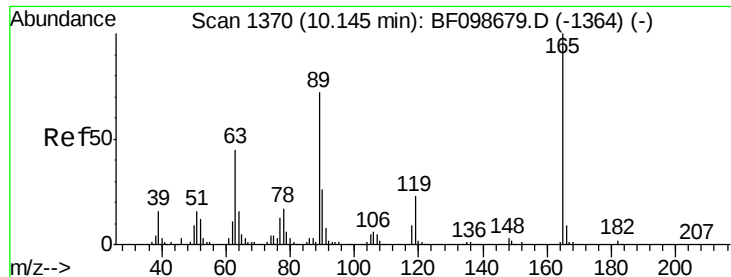


#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Tgt Ion:165 Resp: 34269

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#

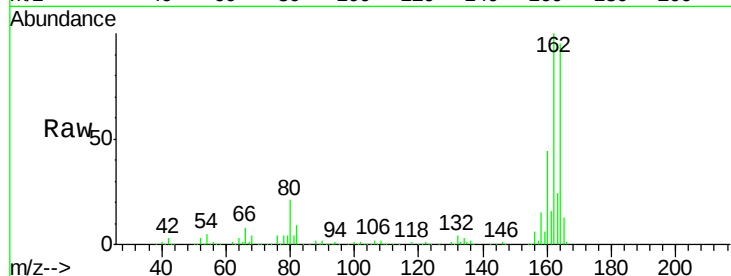




#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

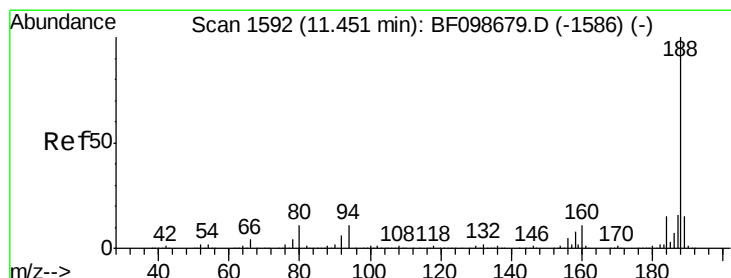
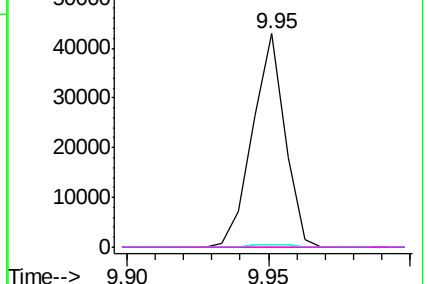
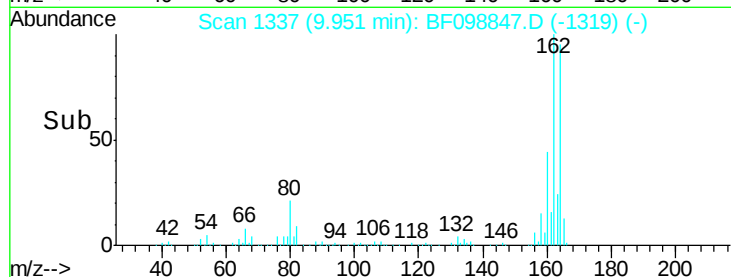


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

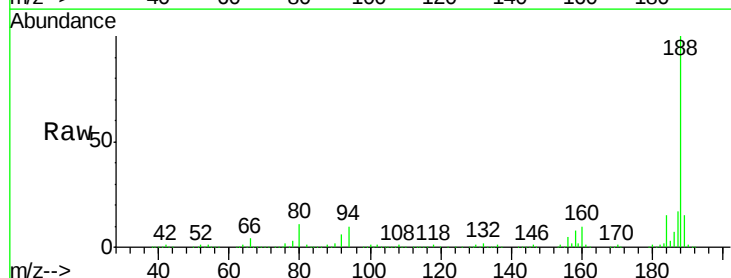
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098847.D
 Acq: 26 Sep 2017 22:12

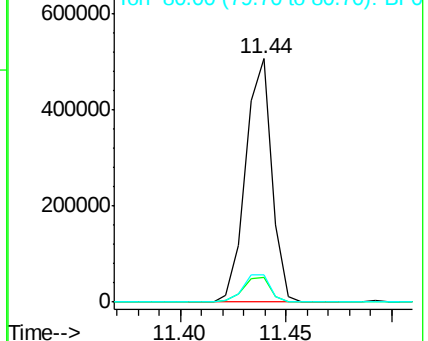
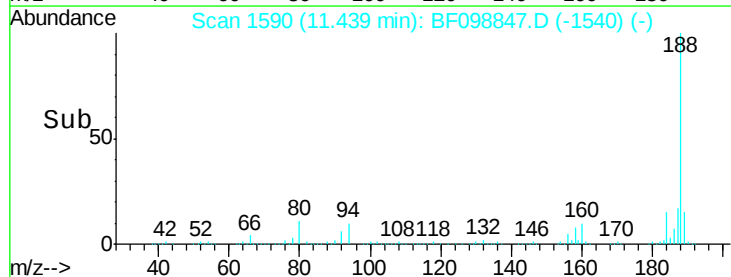
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8

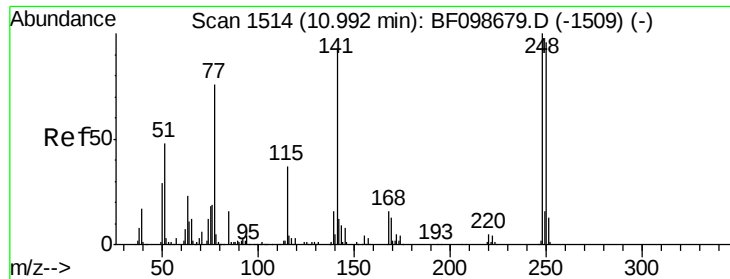


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

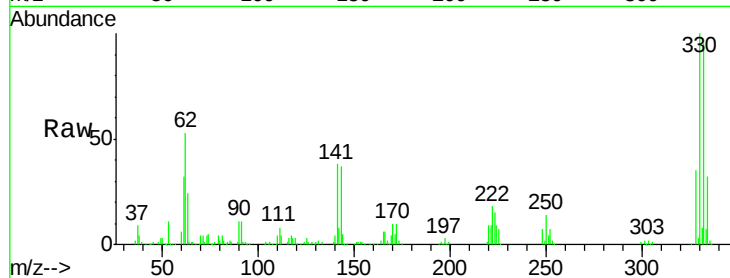




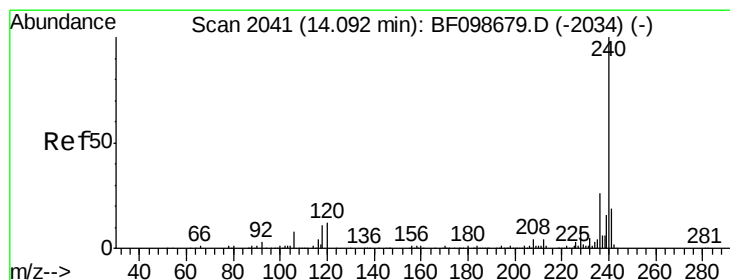
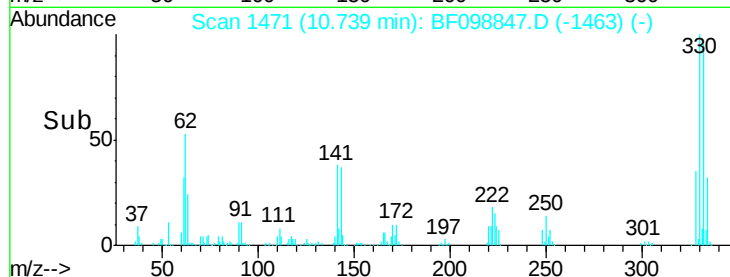
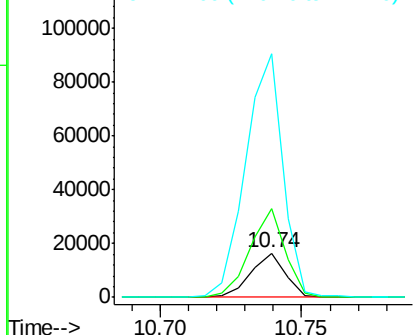
#66
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13889
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 552.6 74.4 111.6#

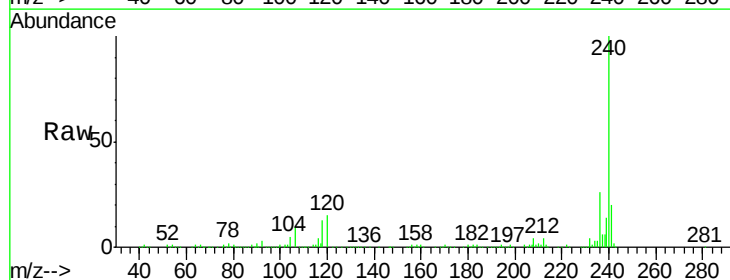


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

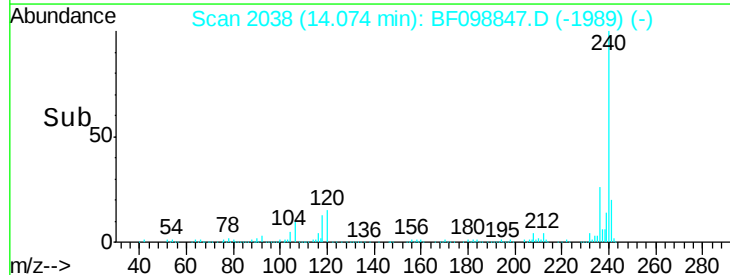
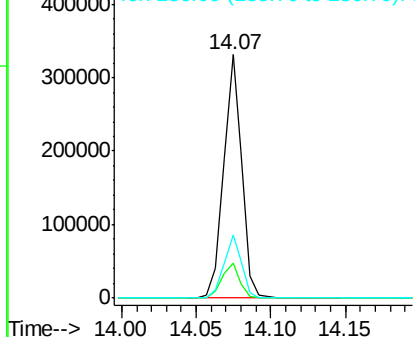


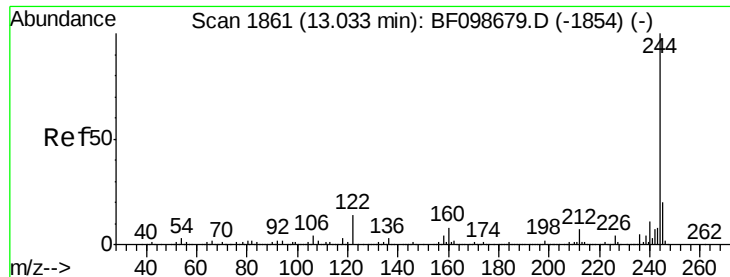
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098847.D
Acq: 26 Sep 2017 22:12

Tgt Ion:240 Resp: 283771
Ion Ratio Lower Upper
240 100
120 14.6 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: 94.17 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098847.D

Acq: 26 Sep 2017 22:12

Instrument :

BNA_F

ClientSampled :

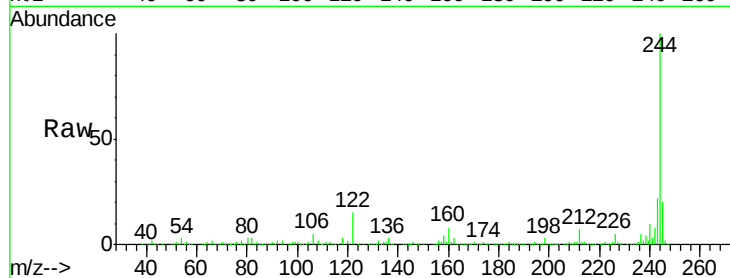
Tot Ion:244 Resp: 1175059

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

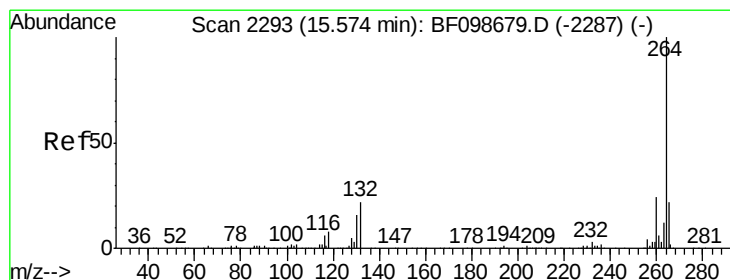
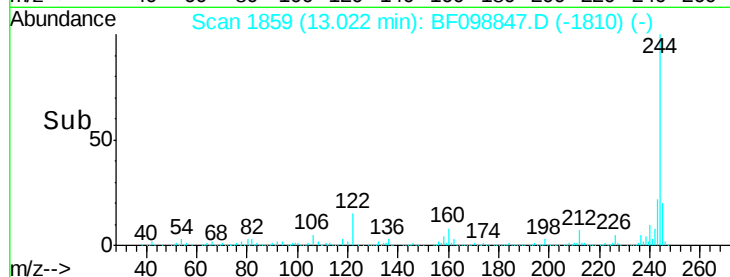
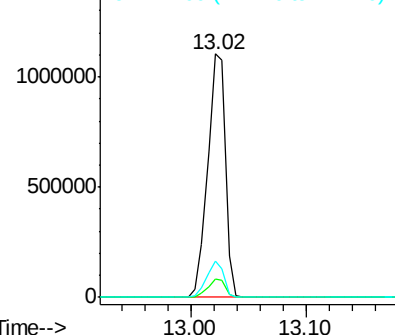
122 14.7 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098847.D

Acq: 26 Sep 2017 22:12

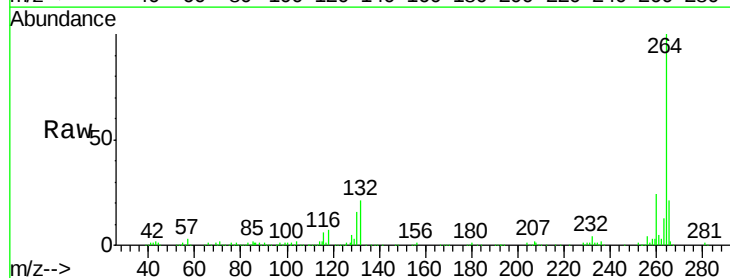
Tgt Ion:264 Resp: 269878

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

