

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098864.D
 Acq On : 27 Sep 2017 15:42
 Operator : SJ/JU
 Sample : I5418-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:49:36 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

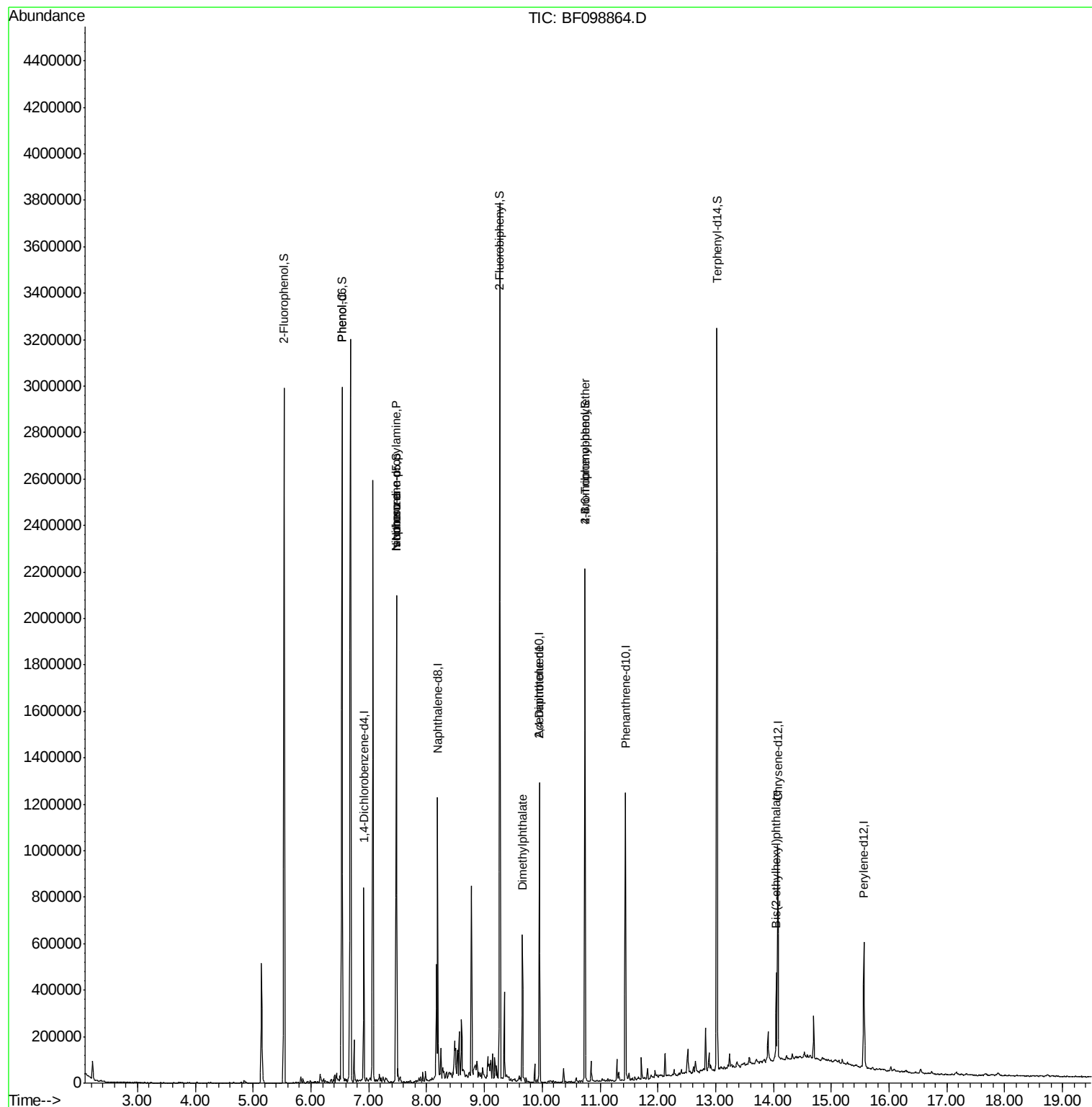
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	123389	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	512782	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	238622	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	431758	20.00	ng	0.00
75) Chrysene-d12	14.07	240	279992	20.00	ng	-0.01
86) Perylene-d12	15.56	264	236906	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	962582	124.19	ng	0.00
7) Phenol-d6	6.54	99	1147332	119.99	ng	0.00
23) Nitrobenzene-d5	7.47	82	678648	84.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	247712	126.86	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1157488	80.98	ng	-0.01
78) Terphenyl-d14	13.02	244	1006483	81.75	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	33043	3.09	ng	# 70
19) n-Nitroso-di-n-propylamine	7.47	70	89973	14.74	ng	# 76
25) Isophorone	7.47	82	676600	40.93	ng	# 64
49) Dimethylphthalate	9.66	163	225596	12.53	ng	99
56) 2,4-Dinitrotoluene	9.95	165	29822	5.86	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	16988	4.02	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.05	149	98063	7.10	ng	# 99

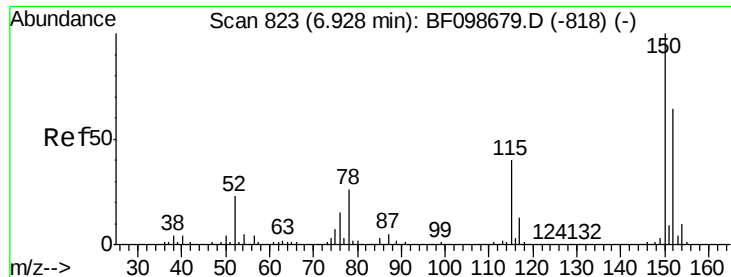
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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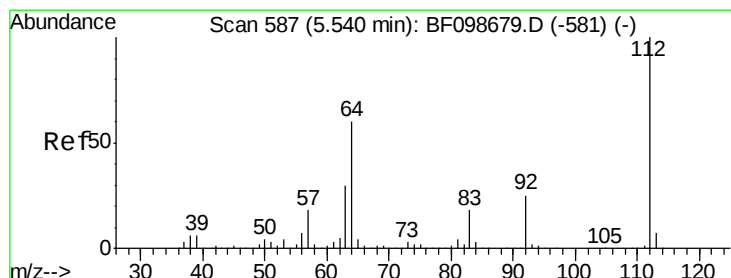
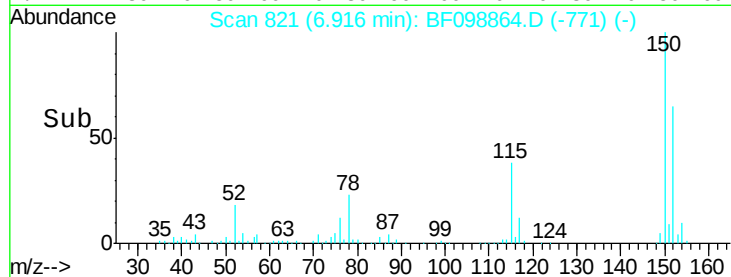
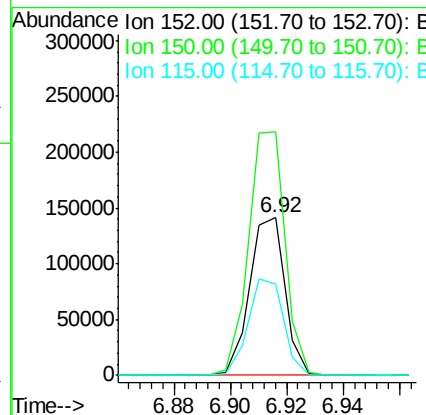
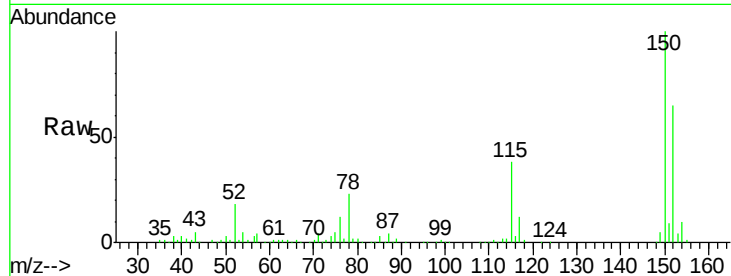


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098864.D
Acq: 27 Sep 2017 15:42

Instrument :
BNA_F
ClientSampled :

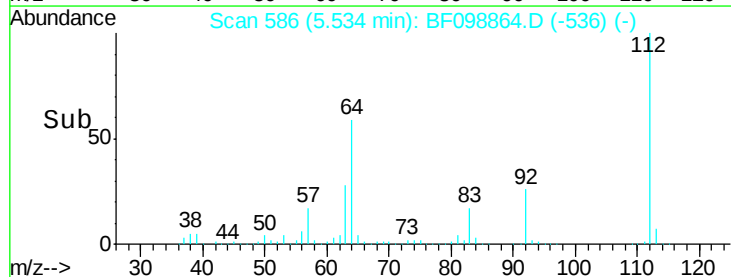
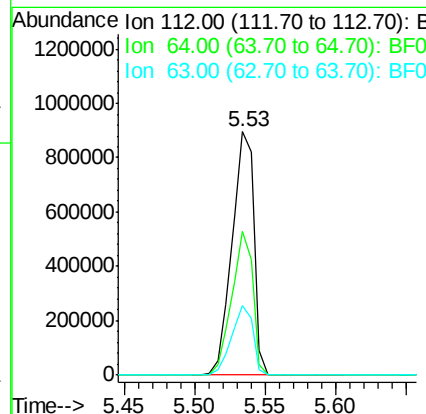
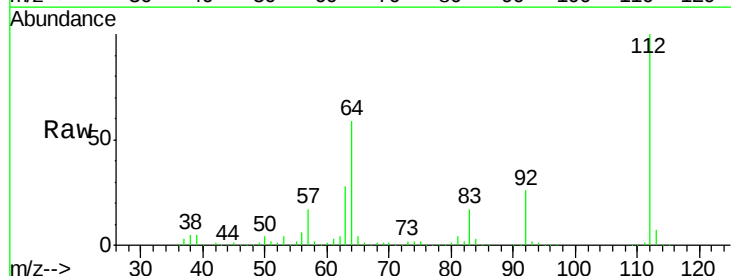
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	58.4	50.1	75.1

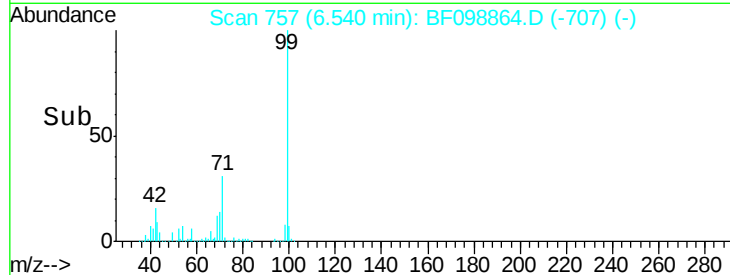
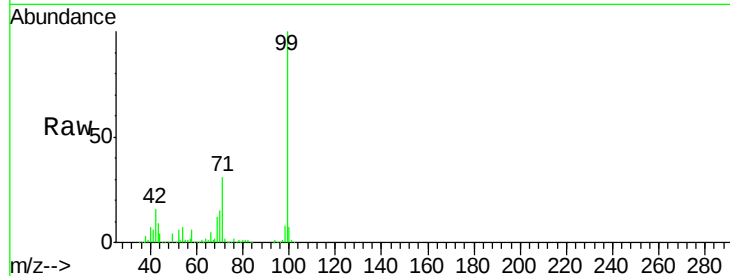
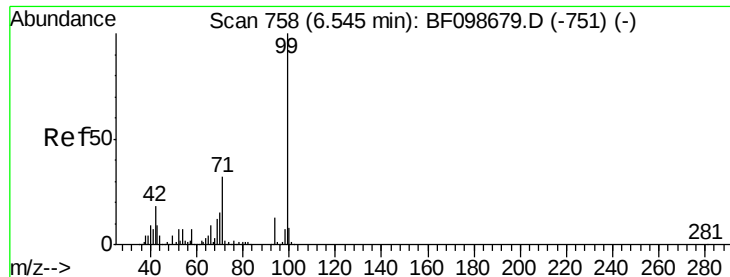


#5

2-Fluorophenol
Concen: 124.19 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098864.D
Acq: 27 Sep 2017 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	28.5	23.7	35.5

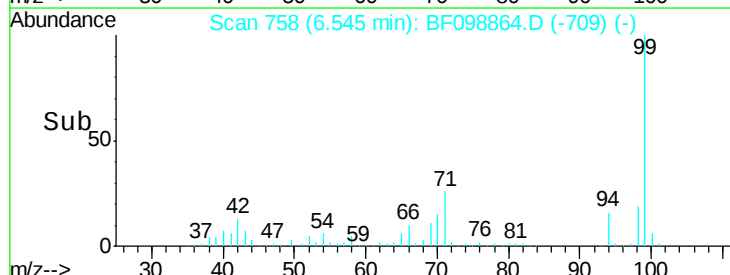
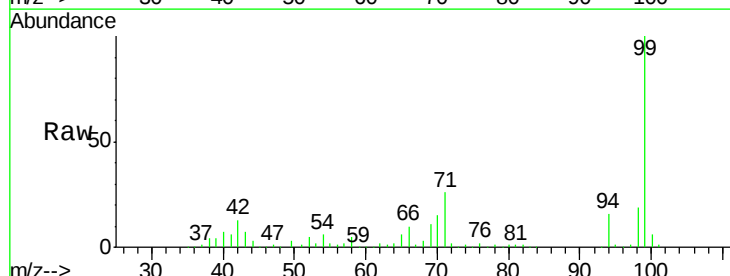
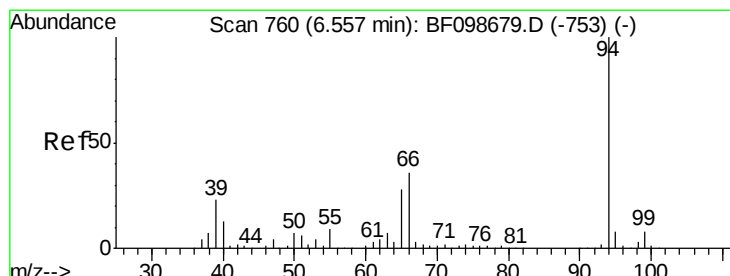
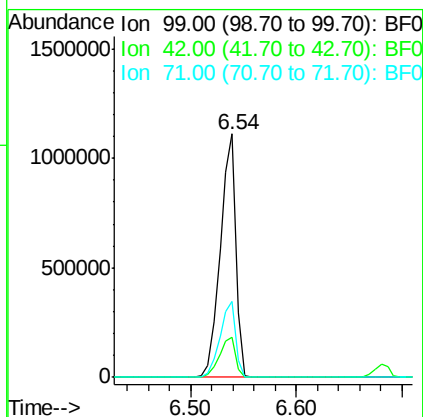




#7
Phenol-d6
Concen: 119.99 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098864.D
Acq: 27 Sep 2017 15:42

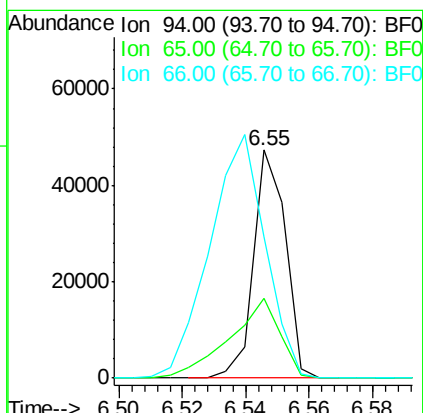
Instrument :
BNA_F
ClientSampled :

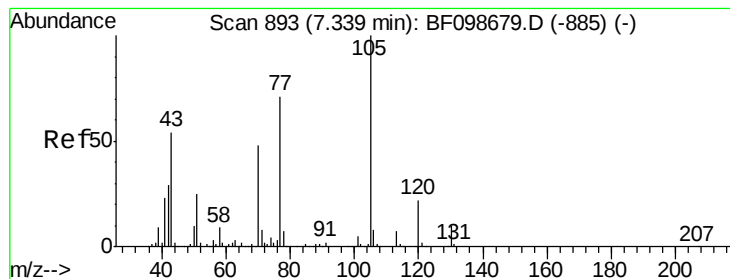
Tot Ion: 99 Resp: 1147332
Ion Ratio Lower Upper
99 100
42 16.4 14.5 21.7
71 31.3 25.4 38.0



#10
Phenol
Concen: 3.09 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF098864.D
Acq: 27 Sep 2017 15:42

Tgt Ion: 94 Resp: 33043
Ion Ratio Lower Upper
94 100
65 34.7 7.9 47.9
66 62.0 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 14.74 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098864.D

Acq: 27 Sep 2017 15:42

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 89973

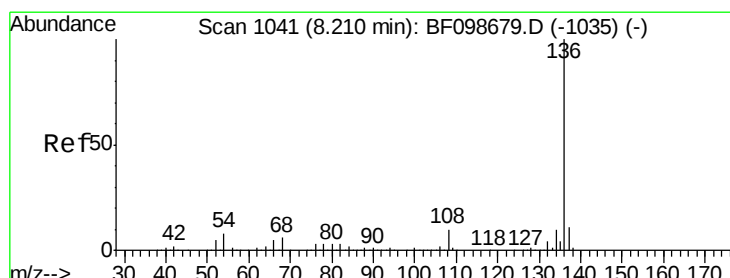
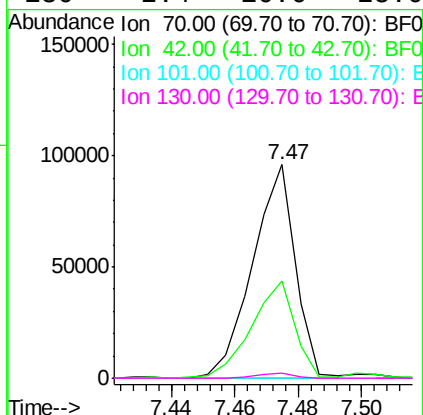
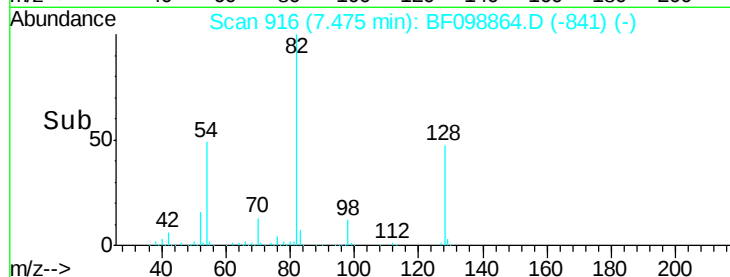
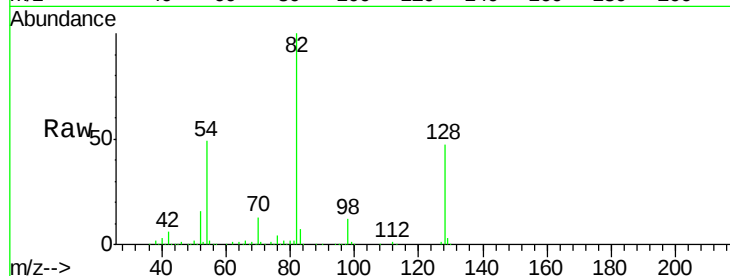
Ion Ratio Lower Upper

70 100

42 45.5 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: BF098864.D

Acq: 27 Sep 2017 15:42

Tgt Ion: 136 Resp: 512782

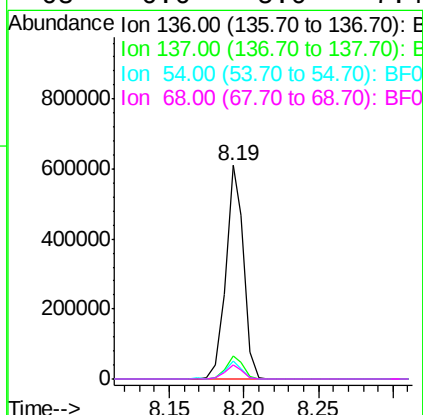
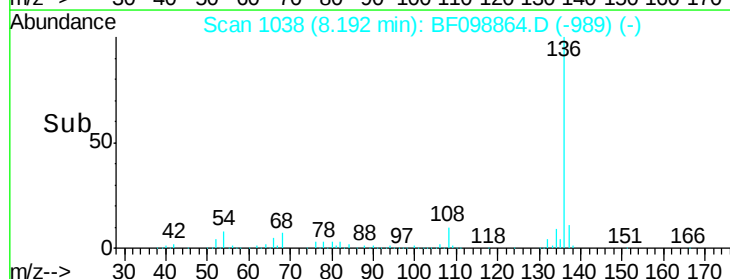
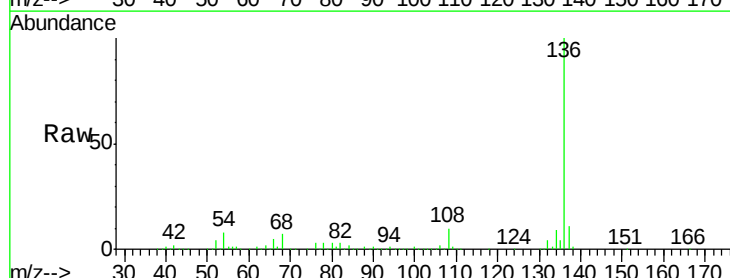
Ion Ratio Lower Upper

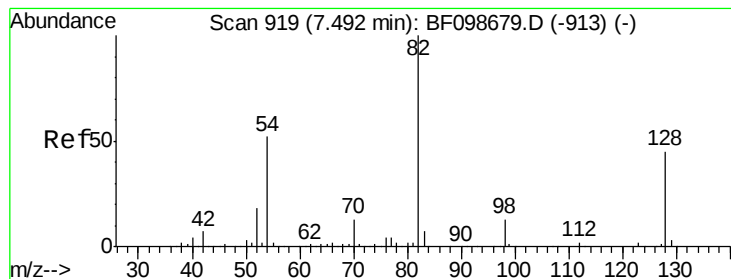
136 100

137 10.8 8.9 13.3

54 8.3 6.6 9.8

68 6.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.87 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098864.D

Acq: 27 Sep 2017 15:42

Instrument :

BNA_F

ClientSampled :

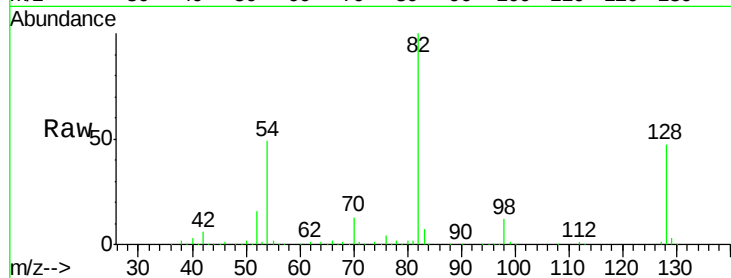
Tot Ion: 82 Resp: 678648

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

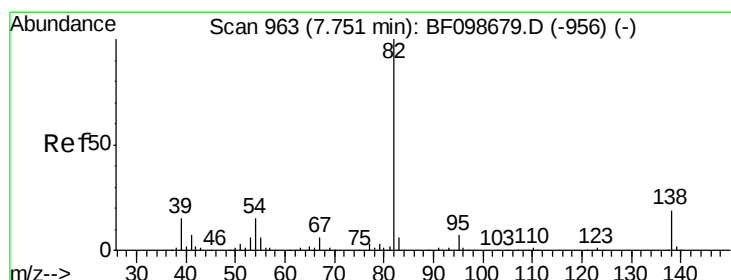
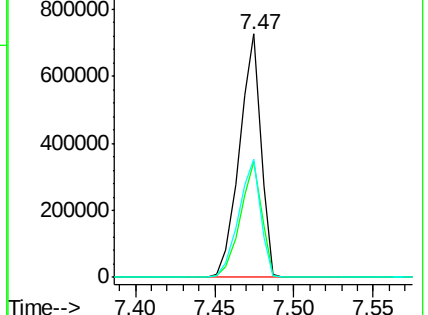
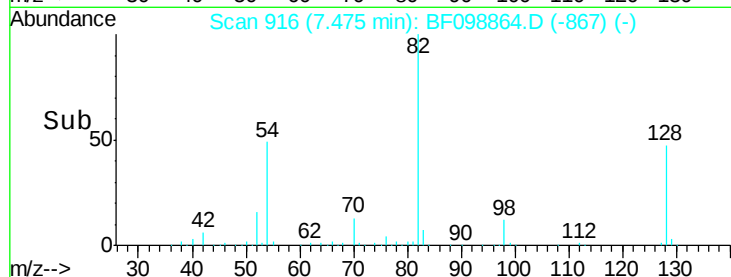
54 48.8 41.4 62.2



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: 40.93 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098864.D

Acq: 27 Sep 2017 15:42

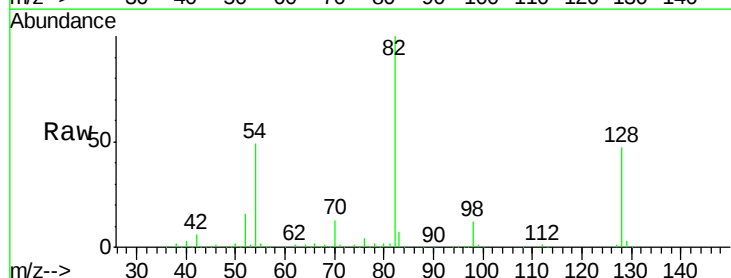
Tgt Ion: 82 Resp: 676600

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

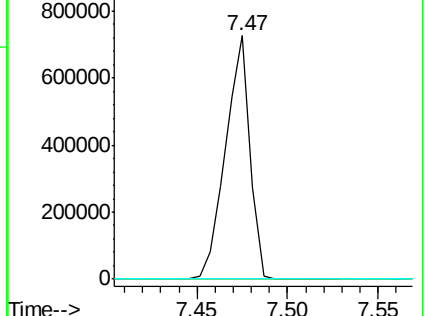
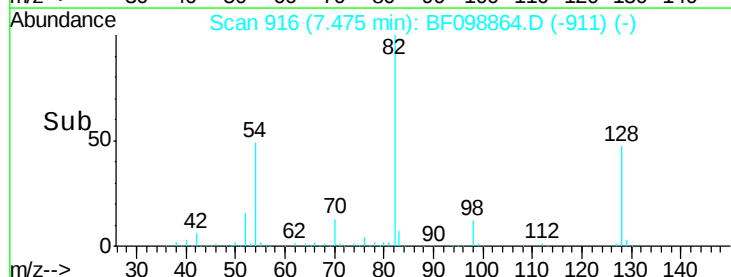
138 0.0 14.9 22.3#

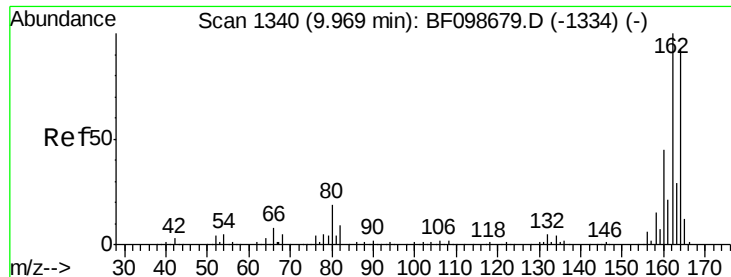


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF098864.D

Acq: 27 Sep 2017 15:42

Instrument :

BNA_F

ClientSampleId :

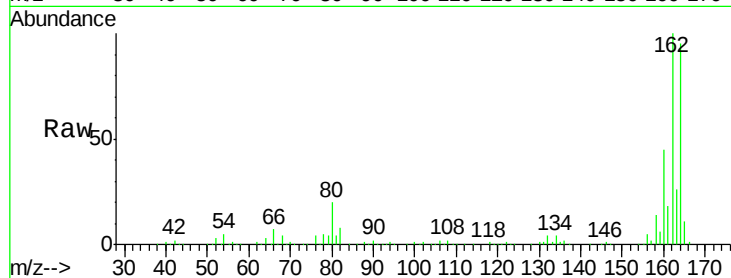
Tot Ion:164 Resp: 238622

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

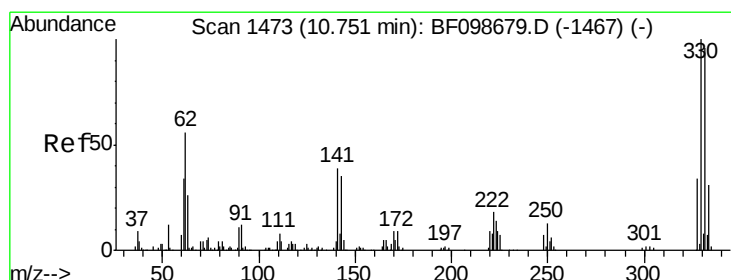
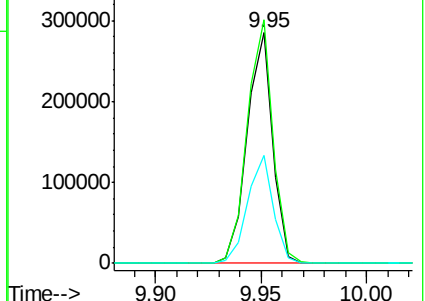
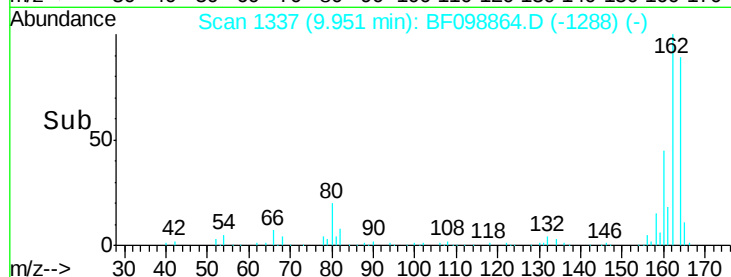
160 47.1 38.3 57.5



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: 126.86 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098864.D

Acq: 27 Sep 2017 15:42

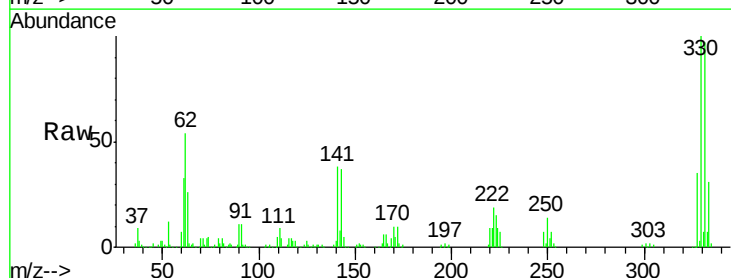
Tgt Ion:330 Resp: 247712

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

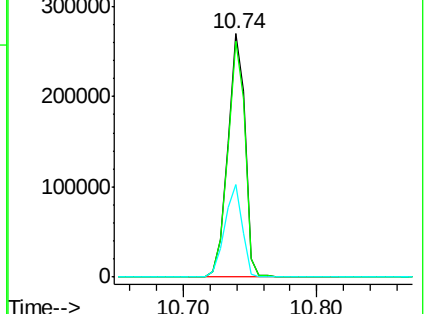
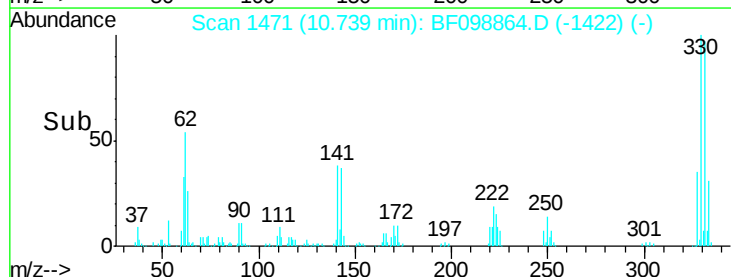
141 38.9 29.9 44.9

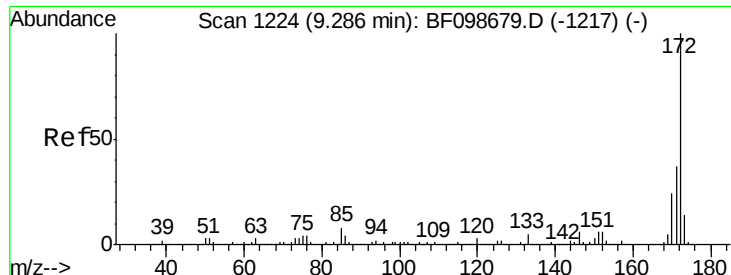


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

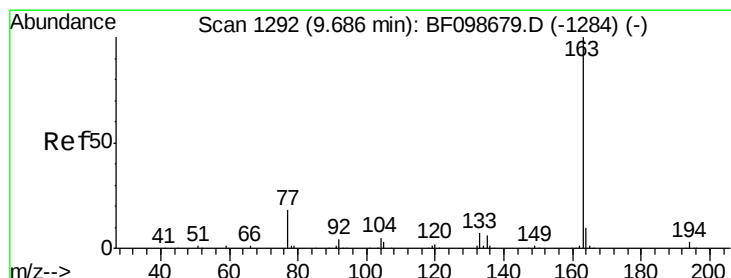
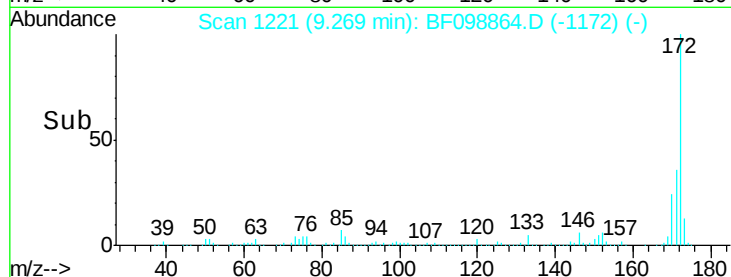
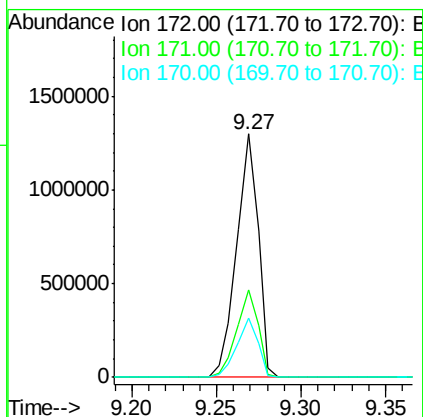
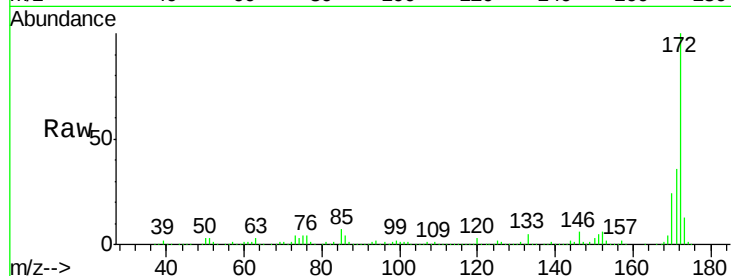




#44
2-Fluorobiphenyl
Concen: 80.98 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098864.D
Acq: 27 Sep 2017 15:42

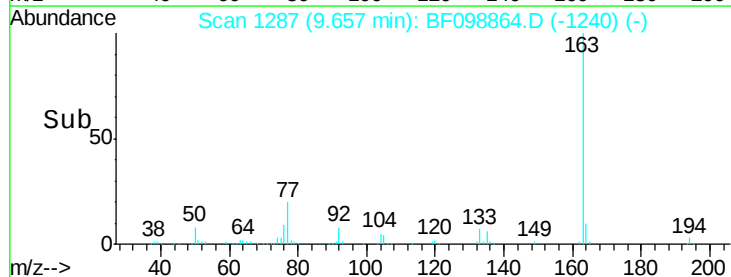
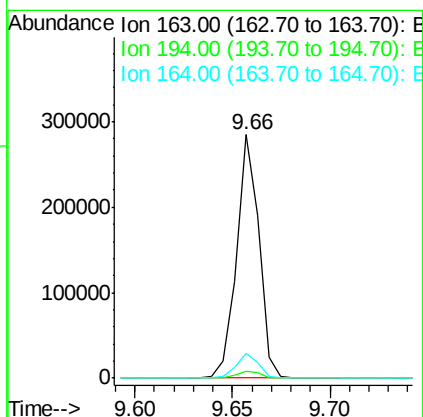
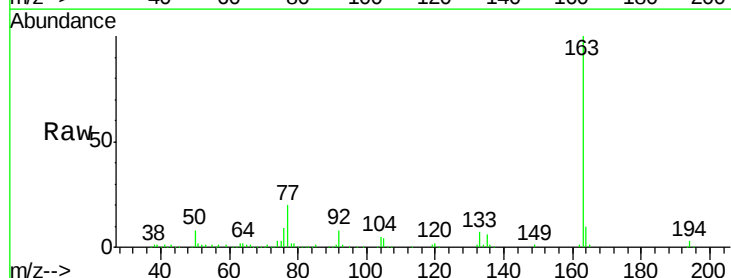
Instrument :
BNA_F
ClientSampleId :

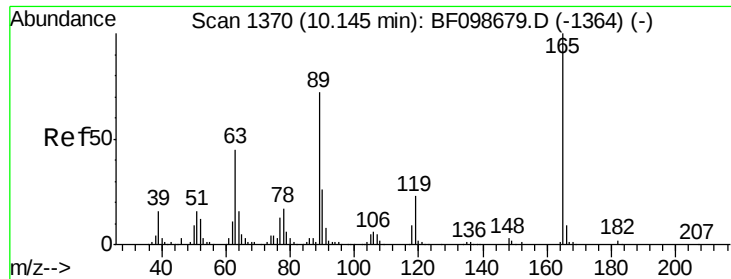
Tot Ion:172 Resp: 1157488
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 12.53 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098864.D
Acq: 27 Sep 2017 15:42

Tgt Ion:163 Resp: 225596
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.3 8.2 12.2

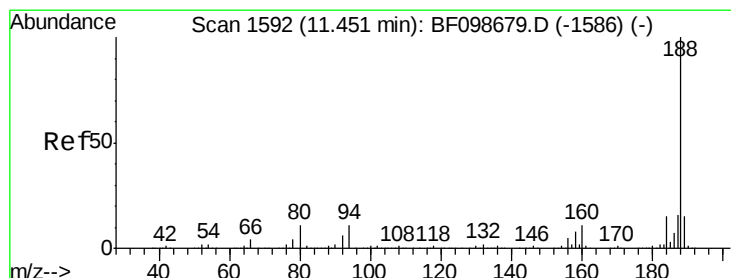
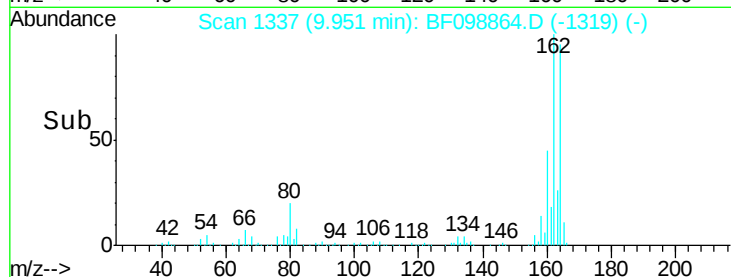
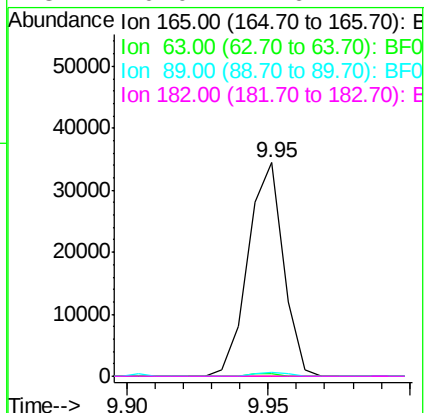
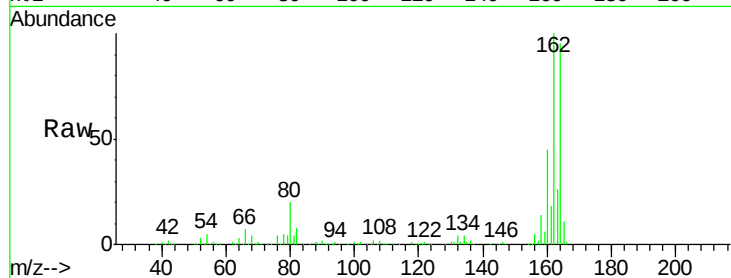




#56
 2,4-Dinitrotoluene
 Concen: 5.86 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098864.D
 Acq: 27 Sep 2017 15:42

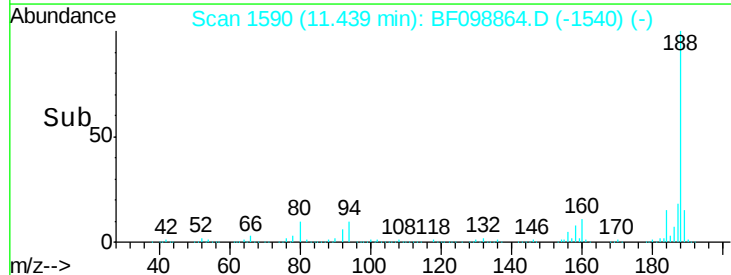
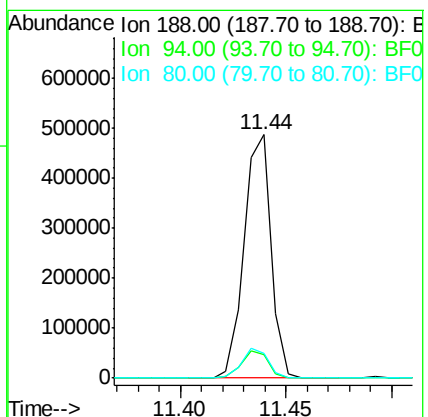
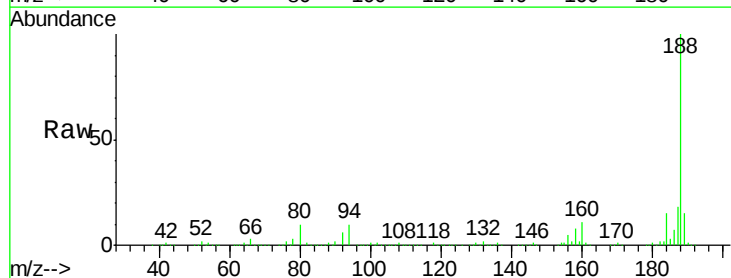
Instrument :
 BNA_F
 ClientSampleId :

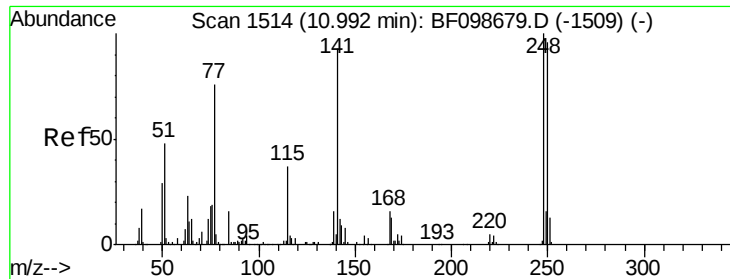
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098864.D
 Acq: 27 Sep 2017 15:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.3	9.2	13.8

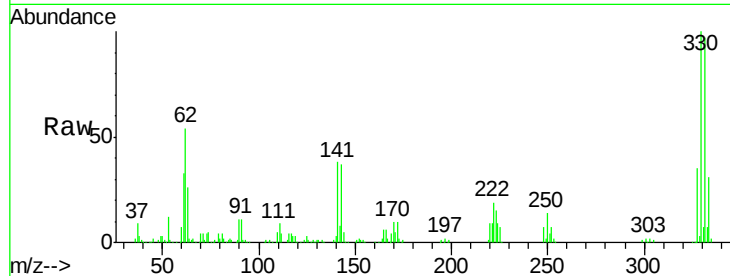




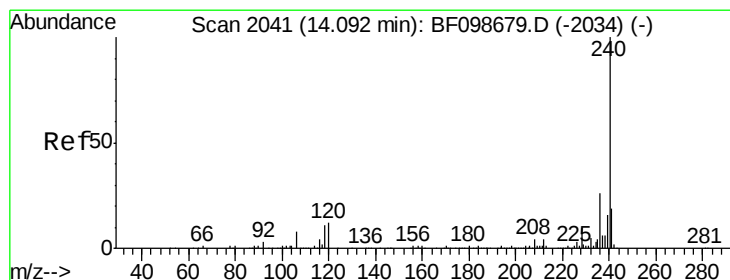
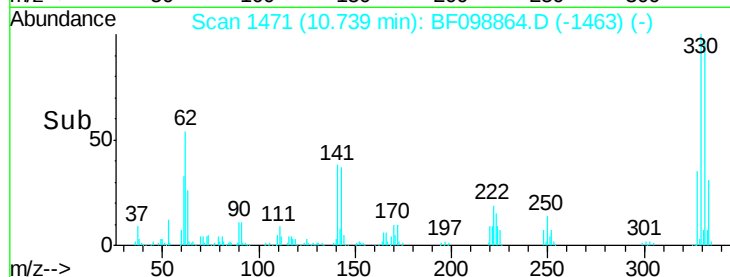
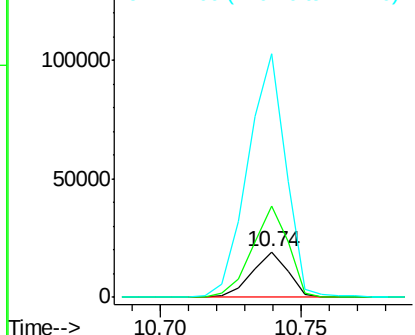
#66
 4-Bromophenyl-phenylether
 Concen: 4.02 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098864.D
 Acq: 27 Sep 2017 15:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16988
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.9 115.3#
 141 531.6 74.4 111.6#

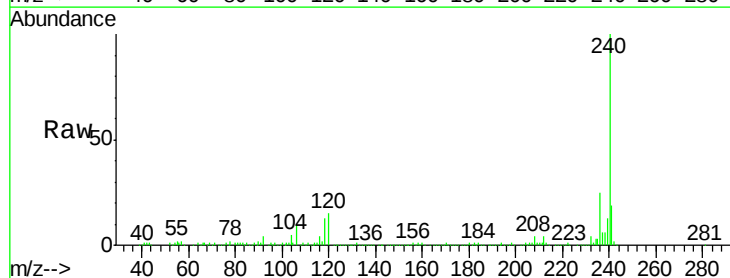


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

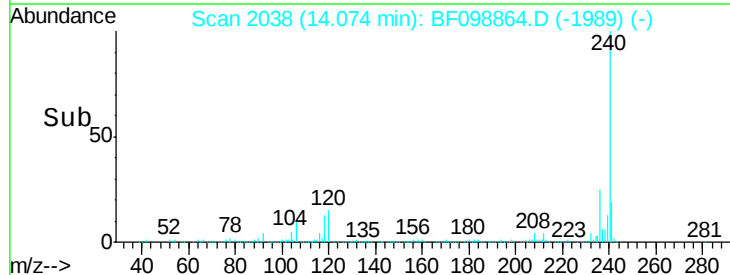
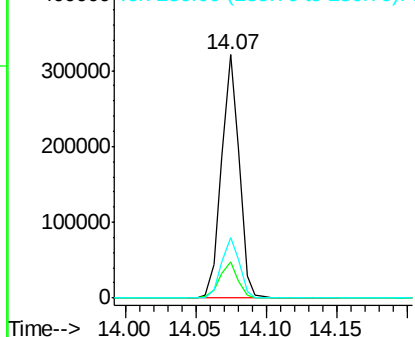


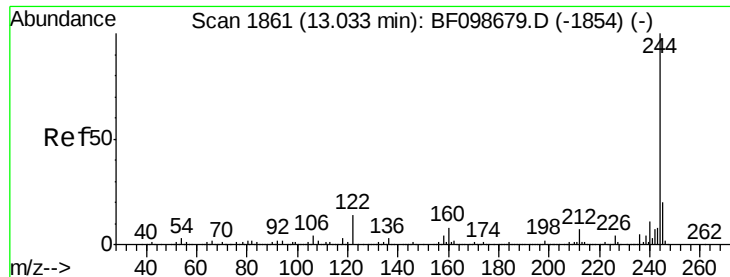
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098864.D
 Acq: 27 Sep 2017 15:42

Tgt Ion:240 Resp: 279992
 Ion Ratio Lower Upper
 240 100
 120 14.7 9.5 14.3#
 236 24.9 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: 81.75 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098864.D

Acq: 27 Sep 2017 15:42

Instrument :

BNA_F

ClientSampled :

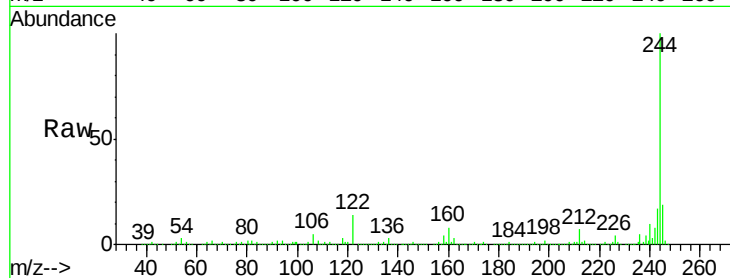
Tot Ion:244 Resp: 1006483

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

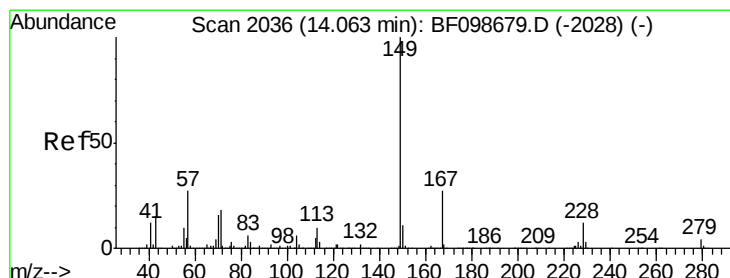
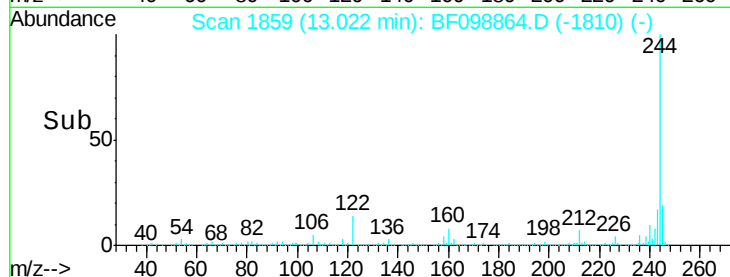
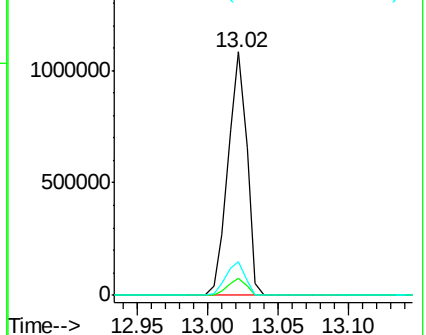
122 13.9 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.10 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF098864.D

Acq: 27 Sep 2017 15:42

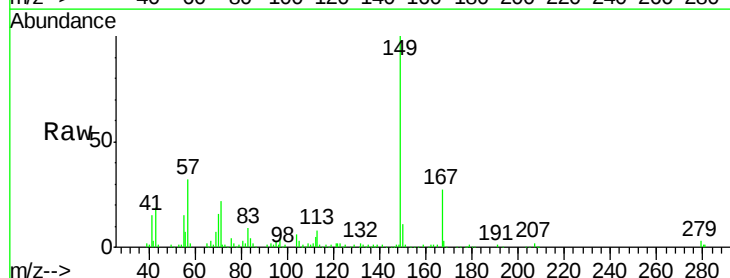
Tgt Ion:149 Resp: 98063

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

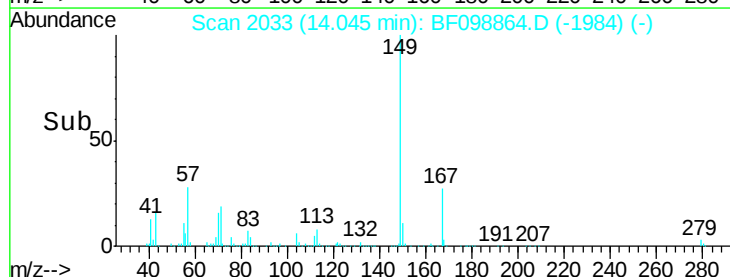
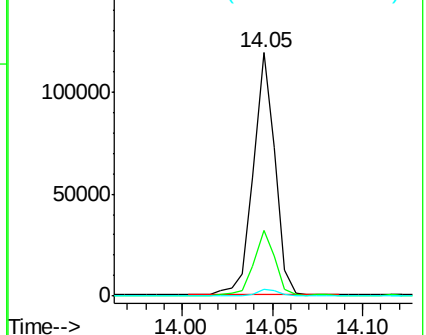
279 2.9 3.0 4.4#

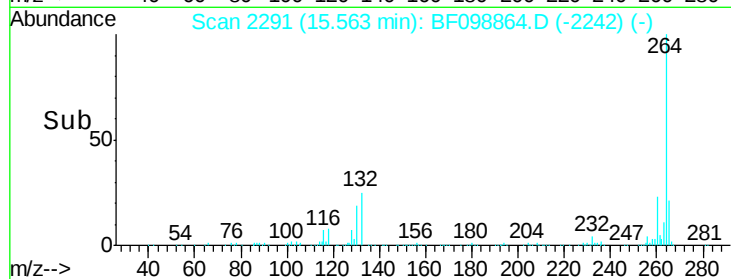
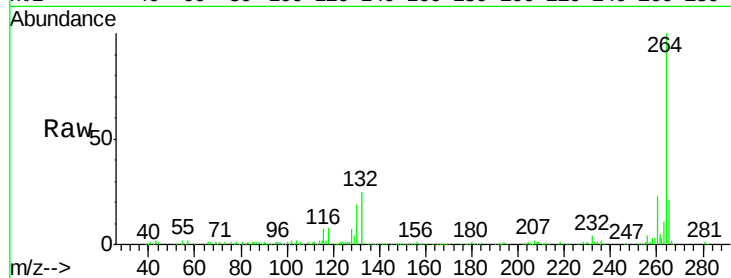
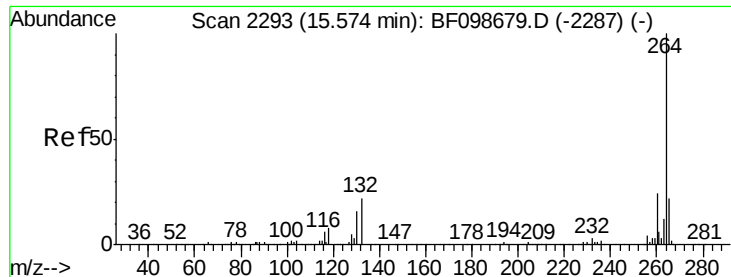


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098864.D
 Acq: 27 Sep 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	236906
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.4	17.5	26.3

