

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099263.D
 Acq On : 9 Oct 2017 15:38
 Operator : SJ/JU
 Sample : I5702-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 17:14:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

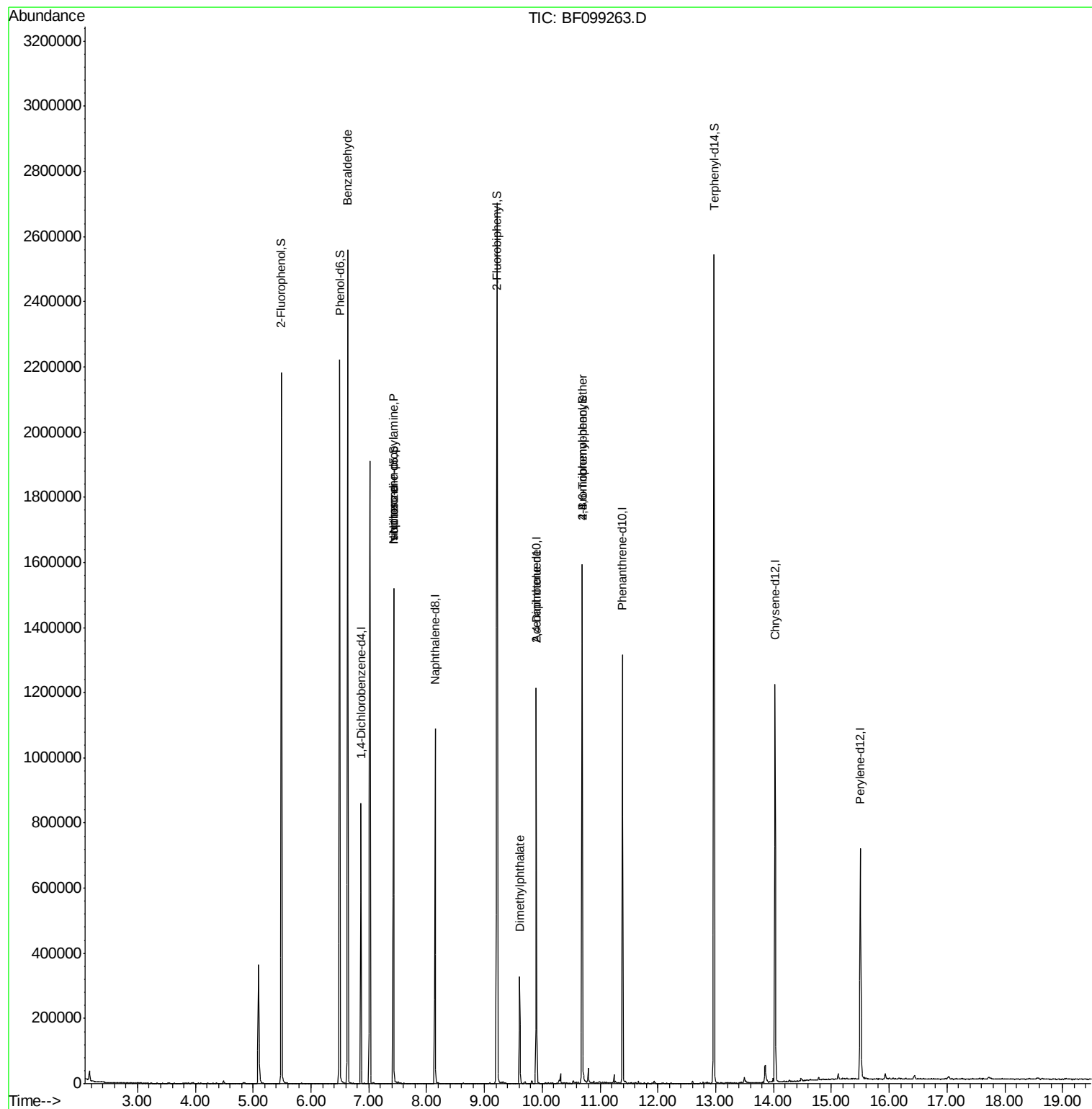
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120288	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	498223	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	233659	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	444262	20.00	ng	0.00
75) Chrysene-d12	14.03	240	373218	20.00	ng	0.00
86) Perylene-d12	15.50	264	308081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	711196	94.12	ng	0.00
7) Phenol-d6	6.50	99	862961	92.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	505624	65.08	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	199486	104.34	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	943342	67.40	ng	-0.01
78) Terphenyl-d14	12.97	244	913762	55.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14225	2.631	ng	85
19) n-Nitroso-di-n-propylamine	7.43	70	64710	10.873	ng	# 71
25) Isophorone	7.43	82	505616	31.478	ng	# 64
49) Dimethylphthalate	9.61	163	131750	7.471	ng	100
56) 2,4-Dinitrotoluene	9.90	165	29097	5.840	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	13624	3.133	ng	# 1

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

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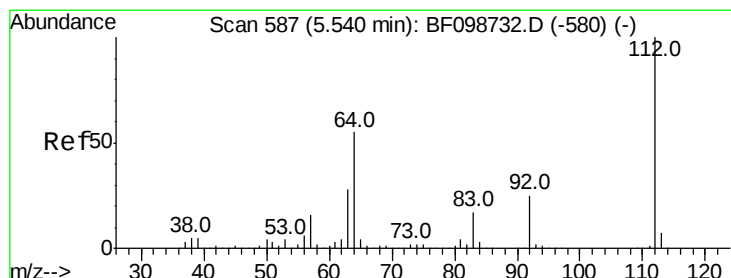
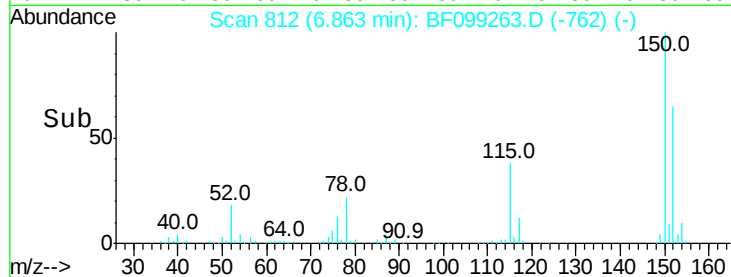
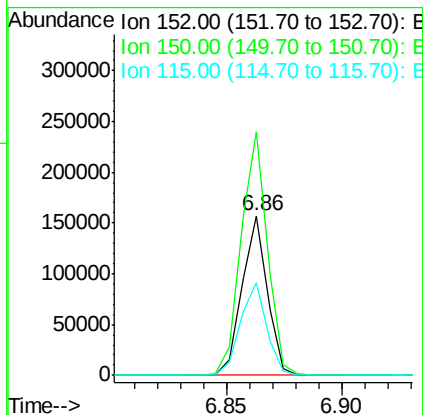
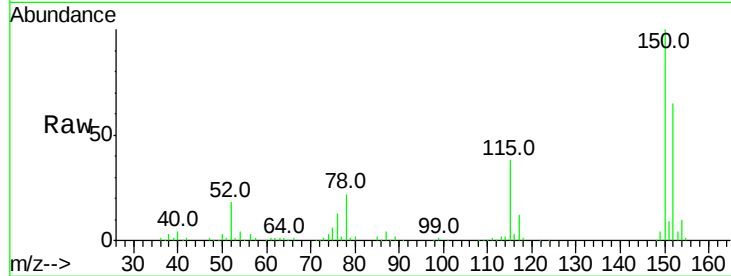


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099263.D
Acq: 9 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

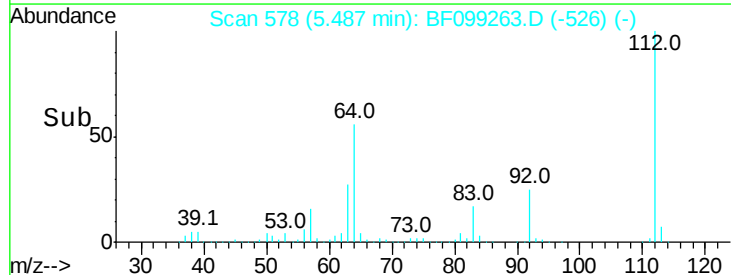
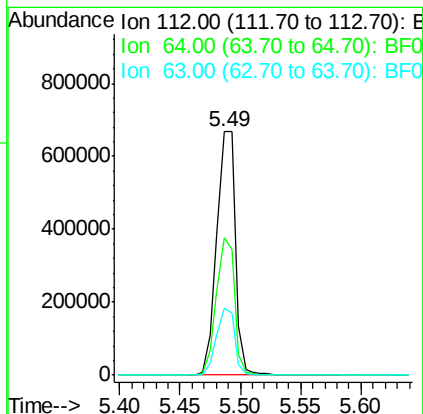
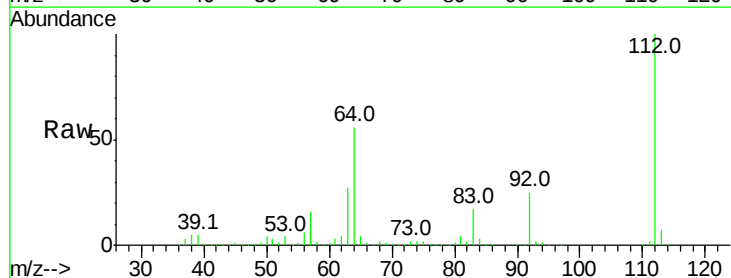
Tot Ion:152 Resp: 120288
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 58.2 50.1 75.1

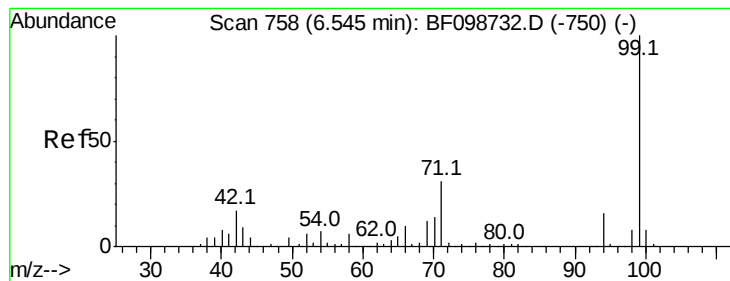


#5

2-Fluorophenol
Concen: 94.120 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099263.D
Acq: 9 Oct 2017 15:38

Tgt Ion:112 Resp: 711196
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 92.578 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099263.D

Acq: 9 Oct 2017 15:38

Instrument :

BNA_F

ClientSampled :

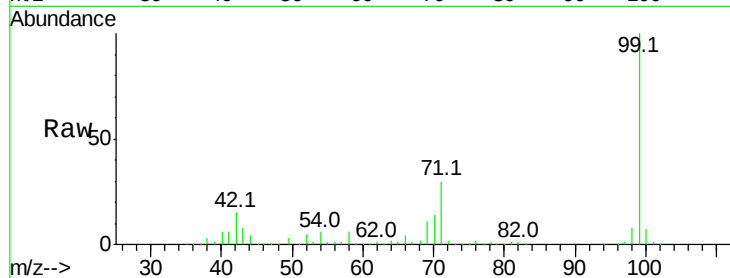
Tot Ion: 99 Resp: 862961

Ion Ratio Lower Upper

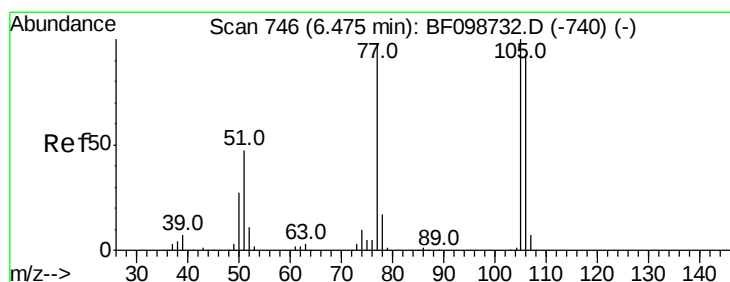
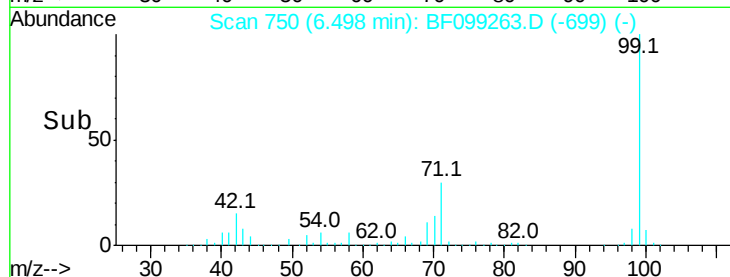
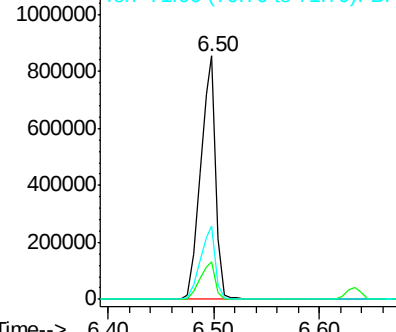
99 100

42 15.4 14.5 21.7

71 30.4 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: 2.631 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099263.D

Acq: 9 Oct 2017 15:38

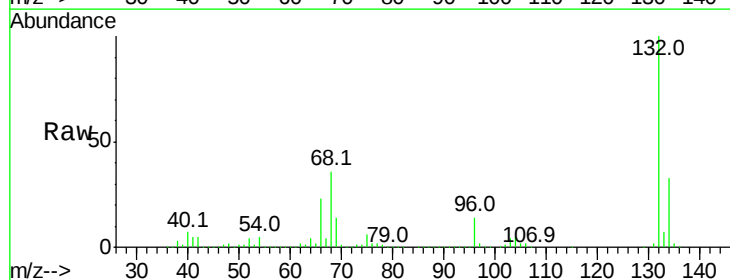
Tgt Ion: 77 Resp: 14225

Ion Ratio Lower Upper

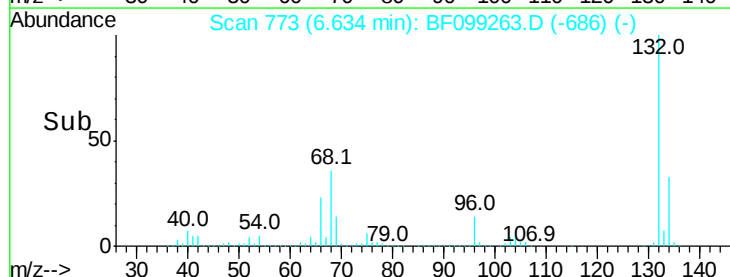
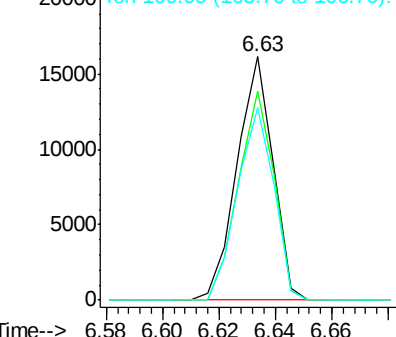
77 100

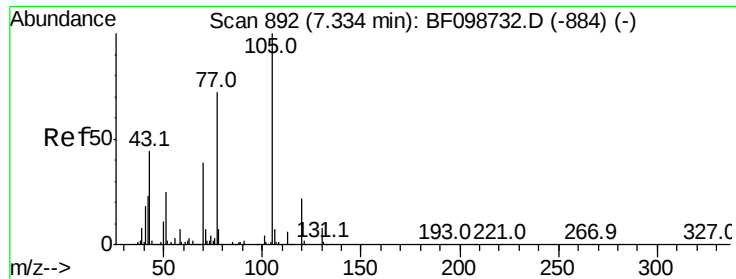
105 85.9 81.1 121.1

106 79.3 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

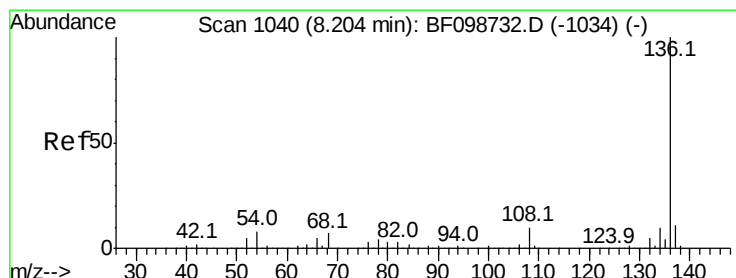
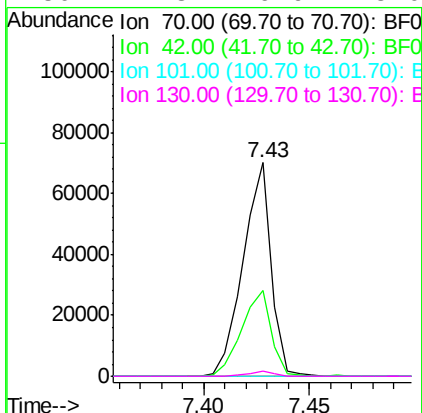
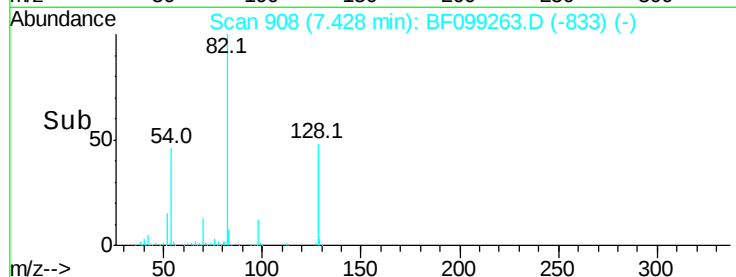
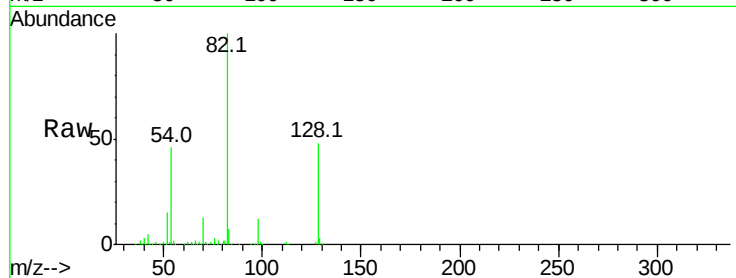




#19
n-Nitroso-di-n-propylamine
Concen: 10.873 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099263.D
Acq: 9 Oct 2017 15:38

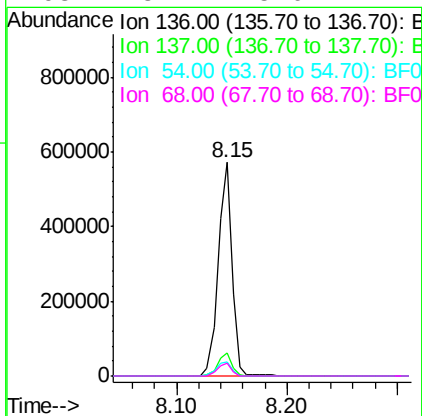
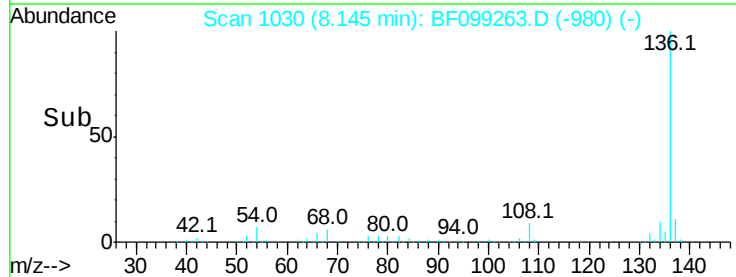
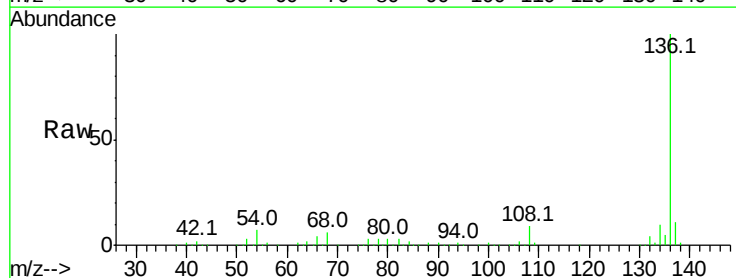
Instrument :
BNA_F
ClientSampleId :

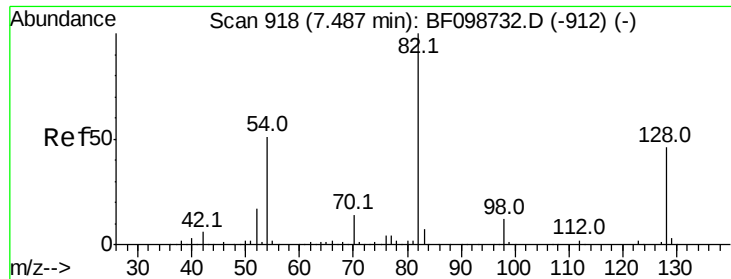
Tot Ion: 70 Resp: 64710
Ion Ratio Lower Upper
70 100
42 40.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099263.D
Acq: 9 Oct 2017 15:38

Tgt Ion: 136 Resp: 498223
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.8 6.6 9.8
68 5.7 5.0 7.4

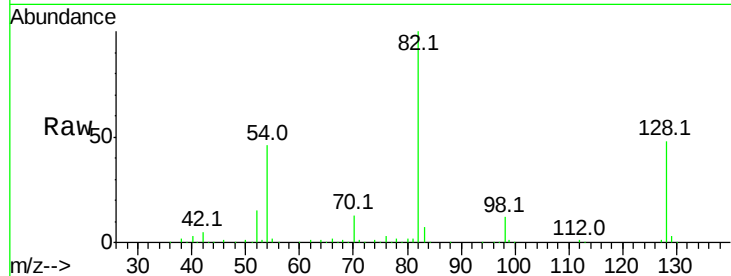




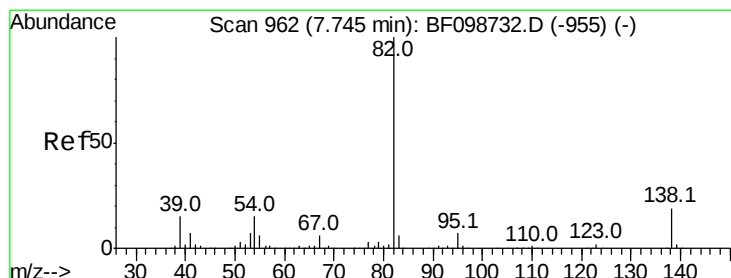
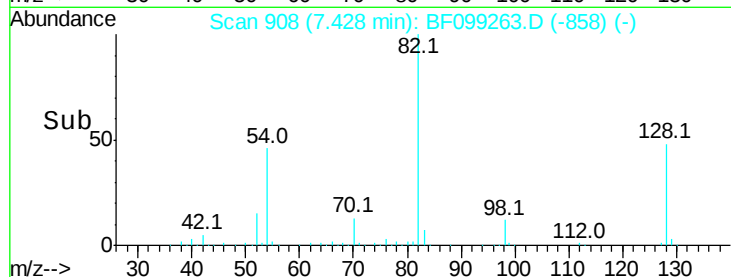
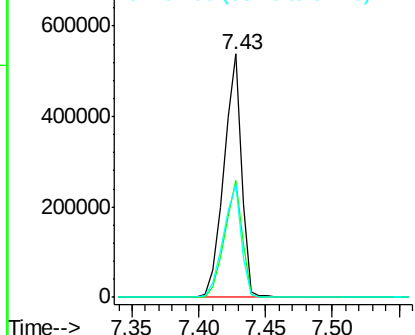
#23
 Nitrobenzene-d5
 Concen: 65.083 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099263.D
 Acq: 9 Oct 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 505624
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 46.3 41.4 62.2

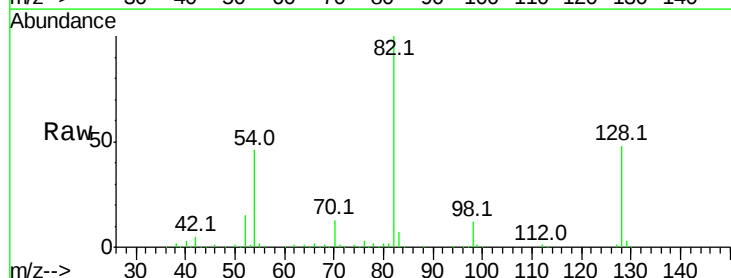


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

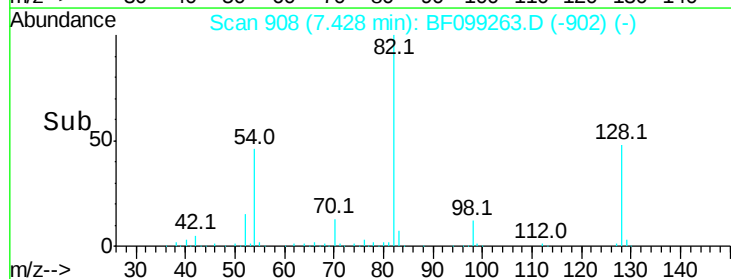
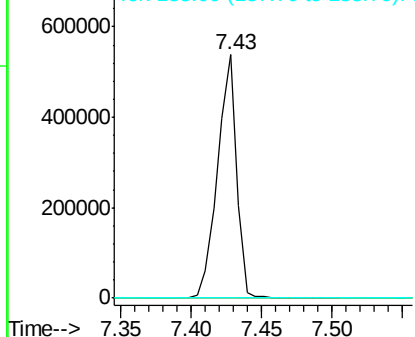


#25
 Isophorone
 Concen: 31.478 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099263.D
 Acq: 9 Oct 2017 15:38

Tgt Ion: 82 Resp: 505616
 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

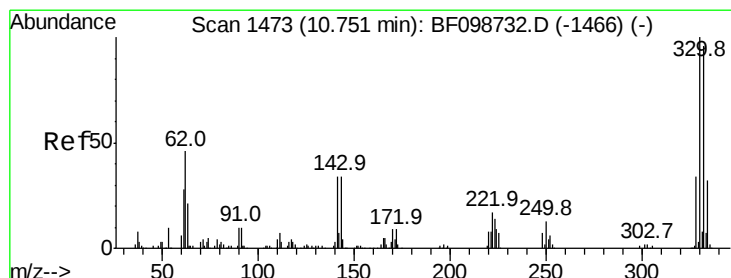
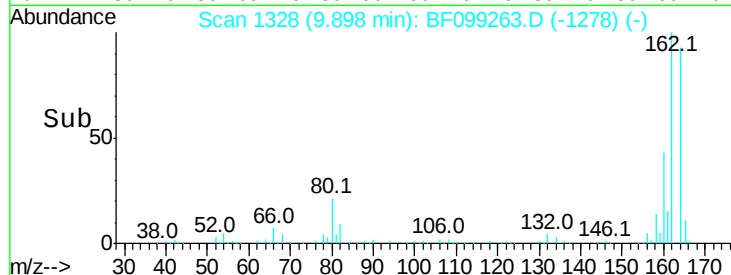
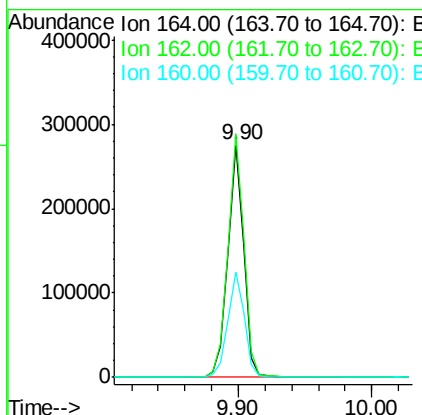
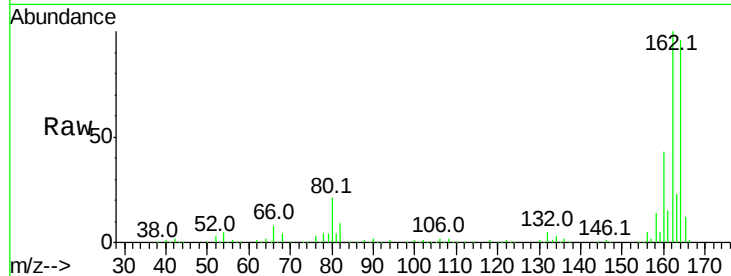




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099263.D
Acq: 9 Oct 2017 15:38

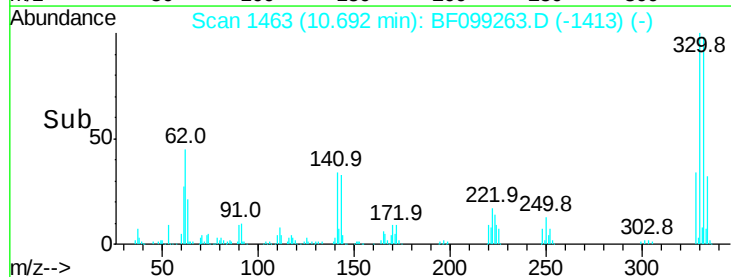
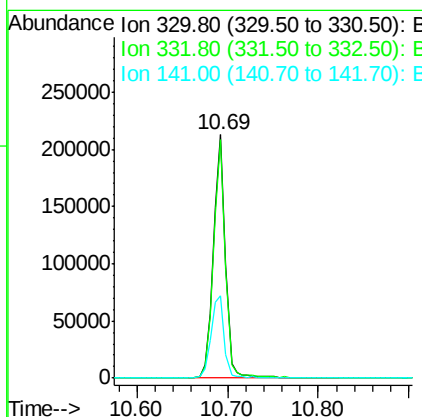
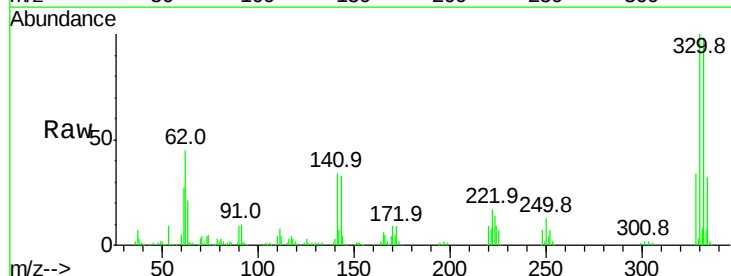
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.3	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 104.336 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099263.D
Acq: 9 Oct 2017 15:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.4	29.9	44.9

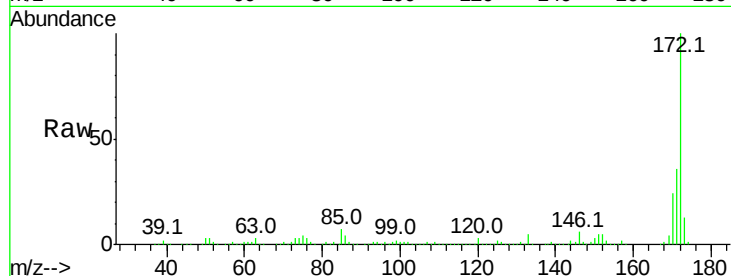




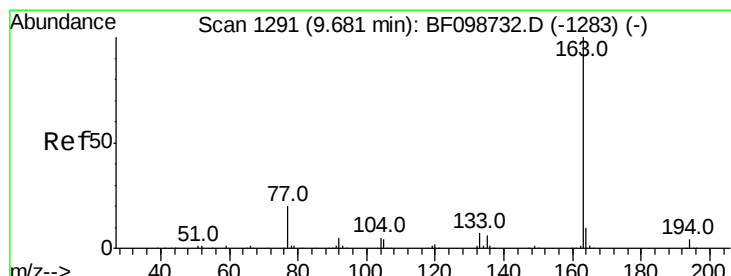
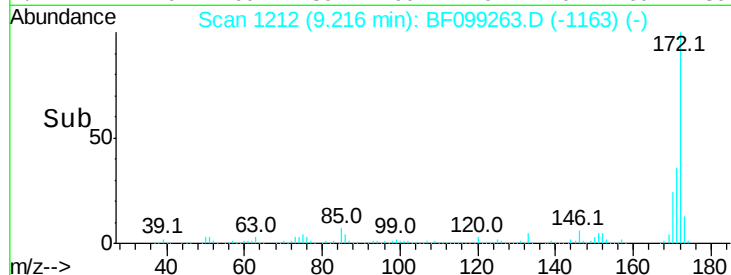
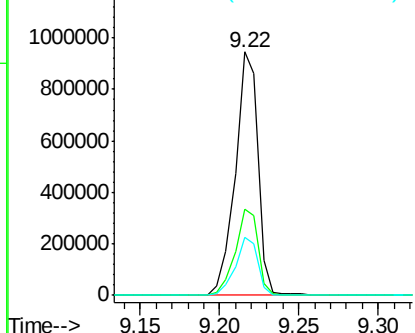
#44
2-Fluorobiphenyl
Concen: 67.399 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099263.D
Acq: 9 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 943342
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.8 19.6 29.4

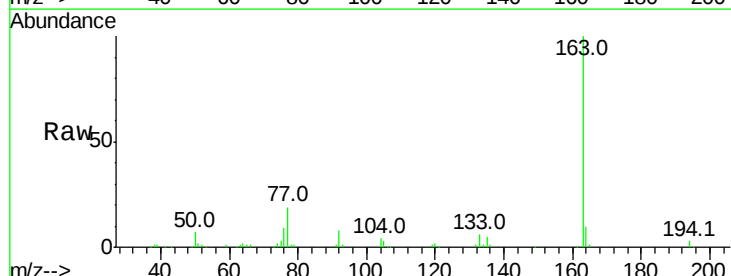


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

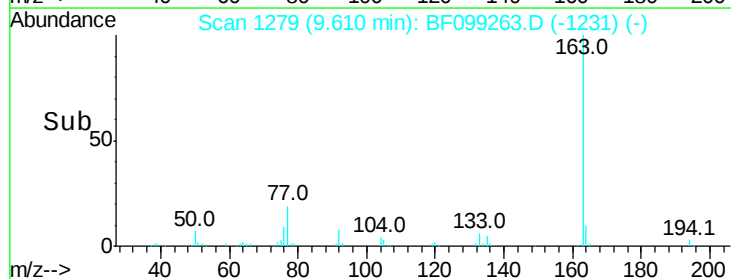
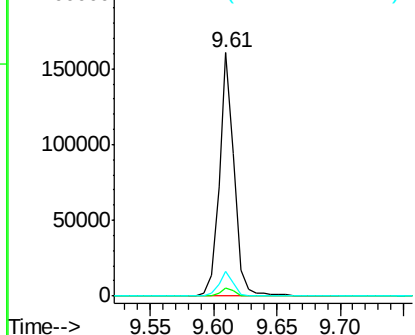


#49
Dimethylphthalate
Concen: 7.471 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099263.D
Acq: 9 Oct 2017 15:38

Tgt Ion:163 Resp: 131750
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 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

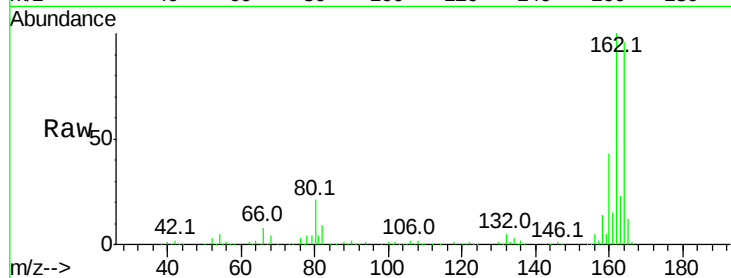




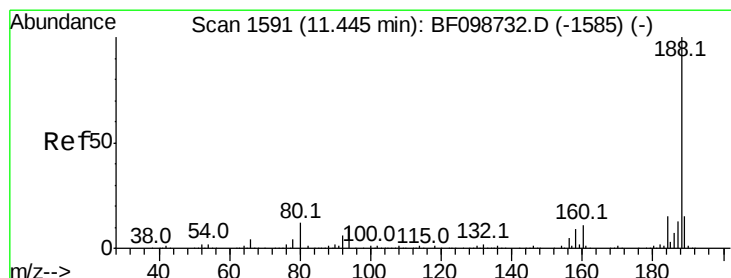
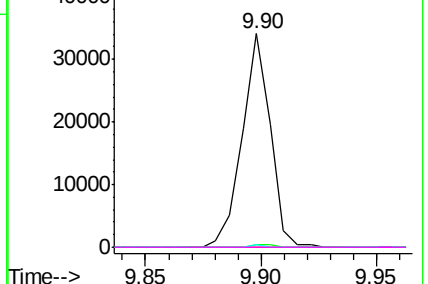
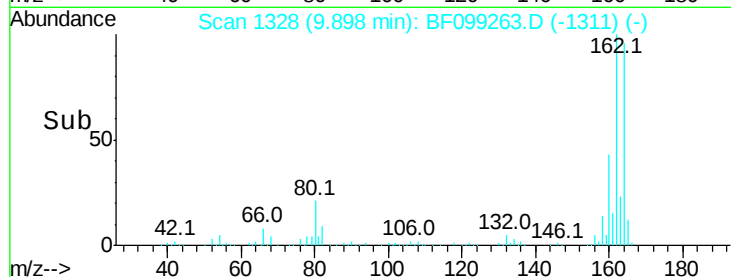
#56
 2,4-Dinitrotoluene
 Concen: 5.840 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099263.D
 Acq: 9 Oct 2017 15:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 29097
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.0 57.8 86.6#
 182 0.0 1.6 2.4#

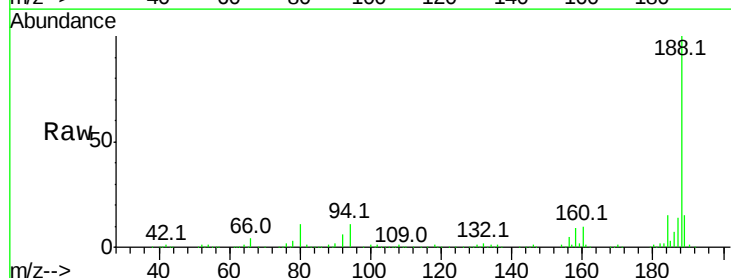


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

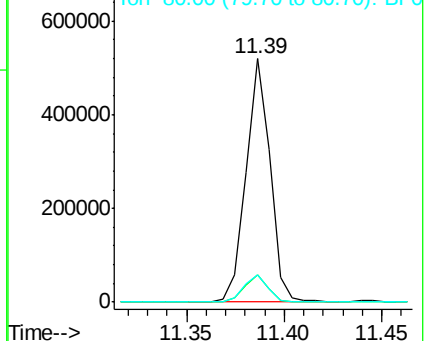
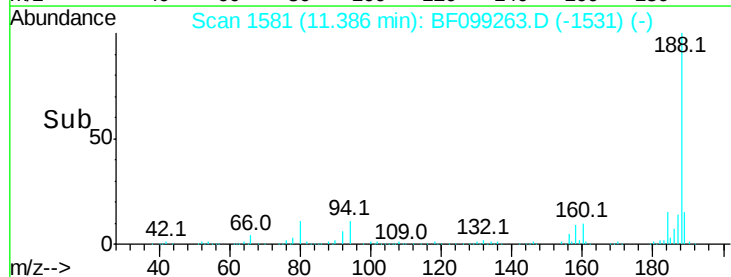


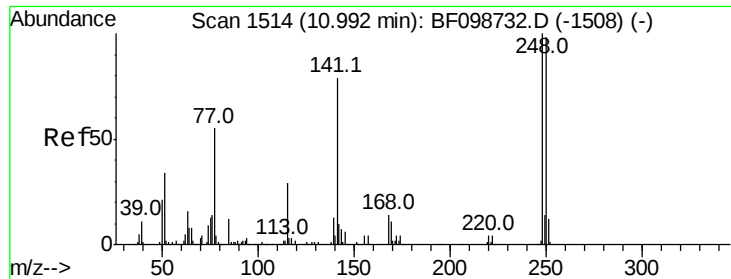
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099263.D
 Acq: 9 Oct 2017 15:38

Tgt Ion:188 Resp: 444262
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.4 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

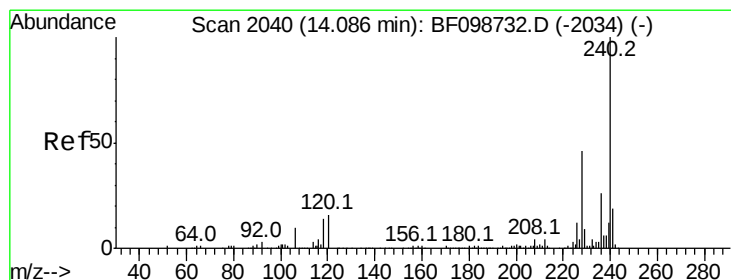
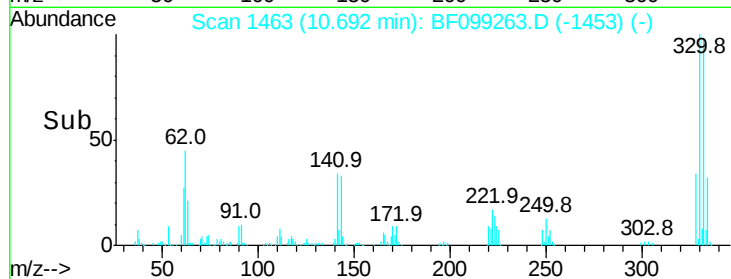
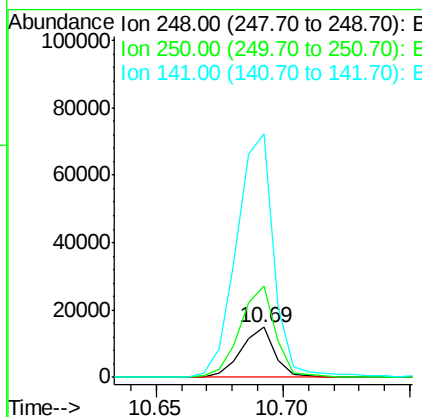
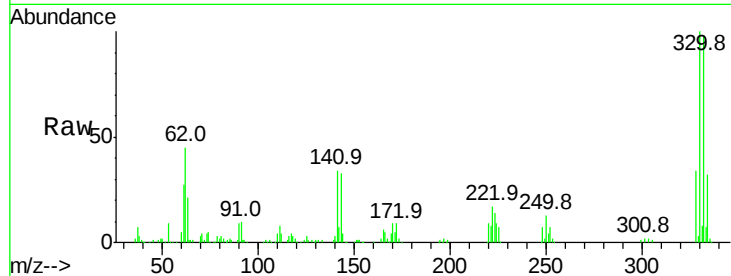




#66
 4-Bromophenyl-phenylether
 Concen: 3.133 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099263.D
 Acq: 9 Oct 2017 15:38

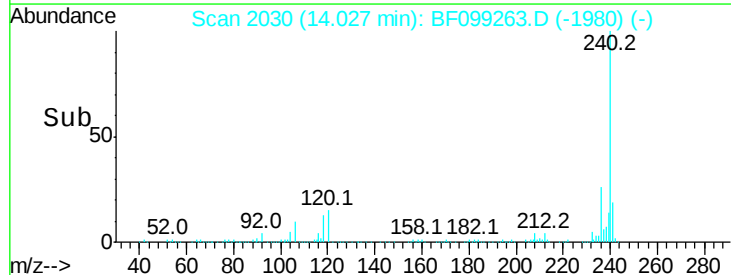
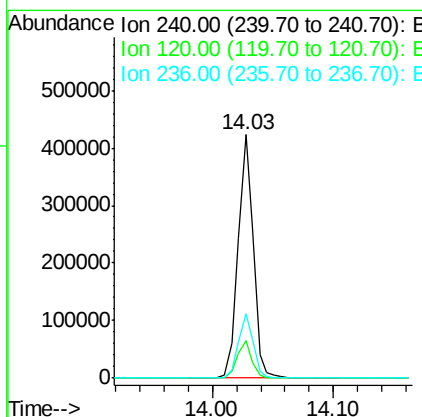
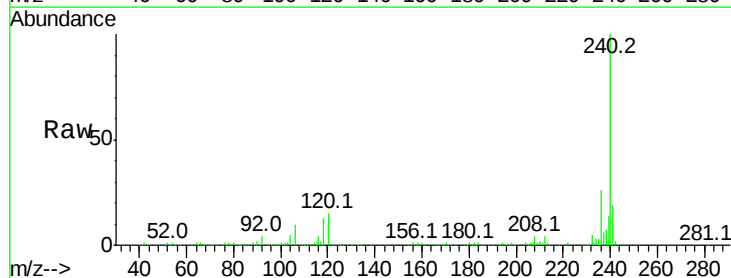
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13624
 Ion Ratio Lower Upper
 248 100
 250 184.7 76.9 115.3#
 141 489.5 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099263.D
 Acq: 9 Oct 2017 15:38

Tgt Ion:240 Resp: 373218
 Ion Ratio Lower Upper
 240 100
 120 15.5 9.5 14.3#
 236 26.4 20.7 31.1

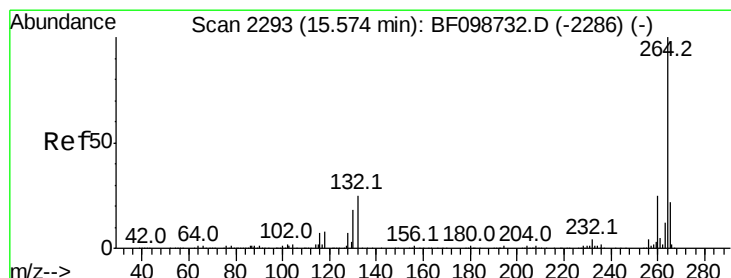
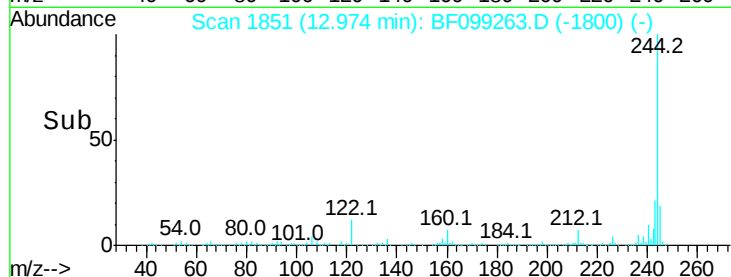
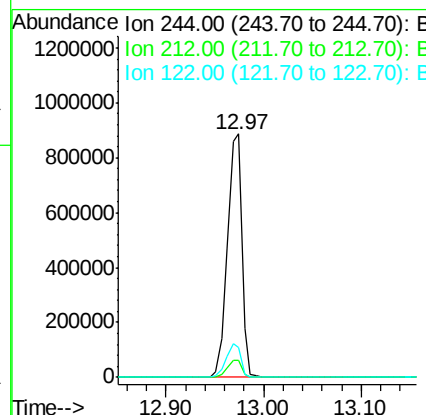
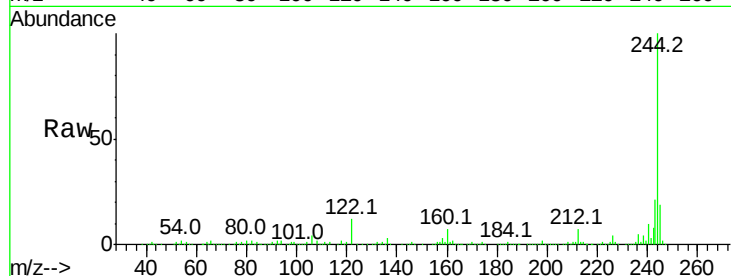




#78
 Terphenyl-d14
 Concen: 55.680 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF099263.D
 Acq: 9 Oct 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 913762
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099263.D
 Acq: 9 Oct 2017 15:38

Tgt Ion:264 Resp: 308081
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.5 26.3

