

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099164.D
 Acq On : 6 Oct 2017 23:03
 Operator : SJ/JU
 Sample : I5516-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 00:20:58 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

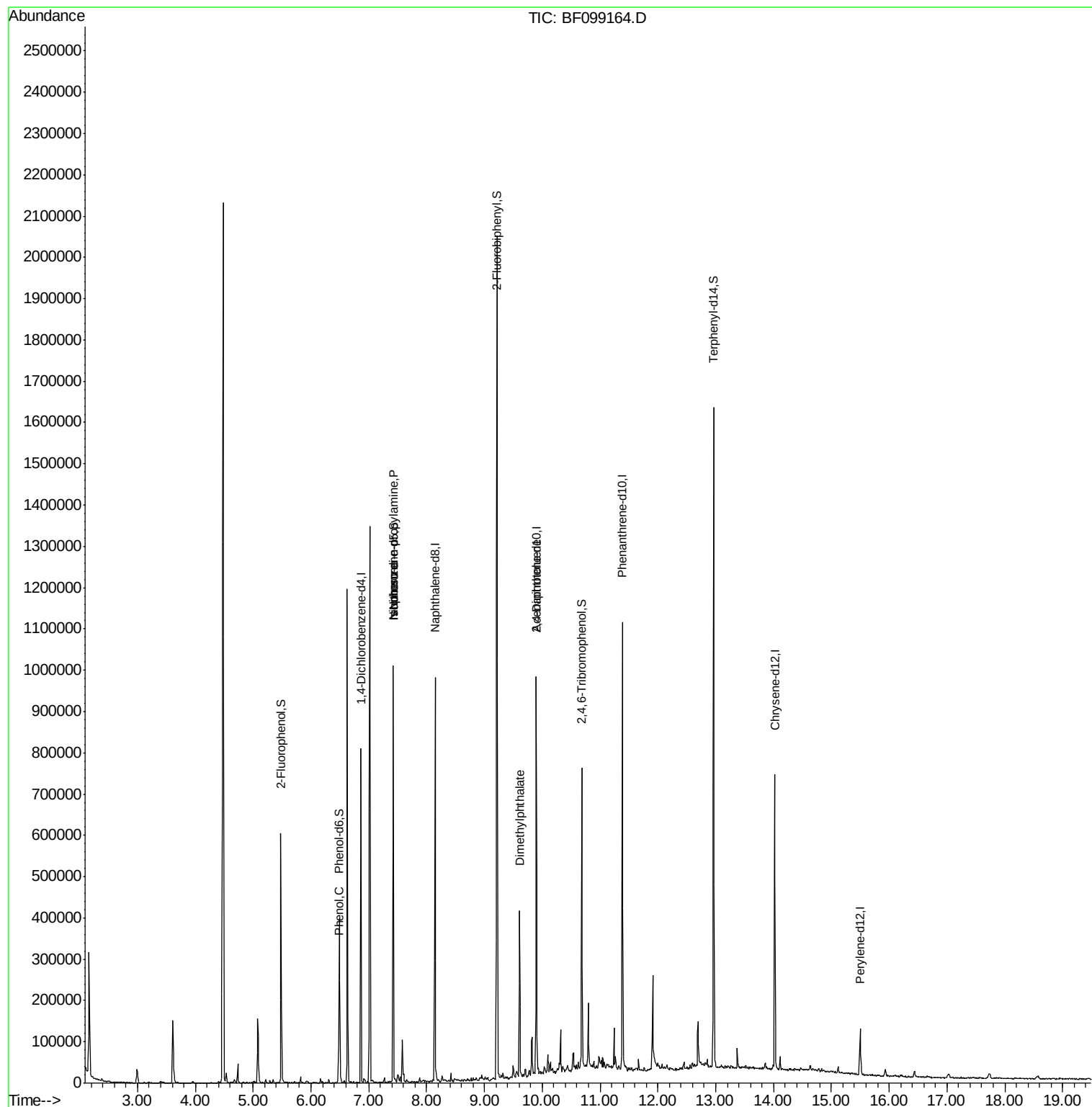
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112290	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	456965	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	158604	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	372024	20.00	ng	0.00
75) Chrysene-d12	14.02	240	211359	20.00	ng	-0.01
86) Perylene-d12	15.49	264	14222	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	178378	25.29	ng	0.00
7) Phenol-d6	6.49	99	118537	13.62	ng	-0.01
23) Nitrobenzene-d5	7.42	82	305546	42.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	78813	60.73	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	593370	62.46	ng	-0.01
78) Terphenyl-d14	12.97	244	515512	55.47	ng	0.00
Target Compounds						
10) Phenol	6.50	94	70563	7.25	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.42	70	39839	7.17	ng	# 74
25) Isophorone	7.42	82	303729	20.62	ng	# 64
49) Dimethylphthalate	9.61	163	147192	12.30	ng	98
56) 2,4-Dinitrotoluene	9.90	165	20526	6.07	ng	# 25

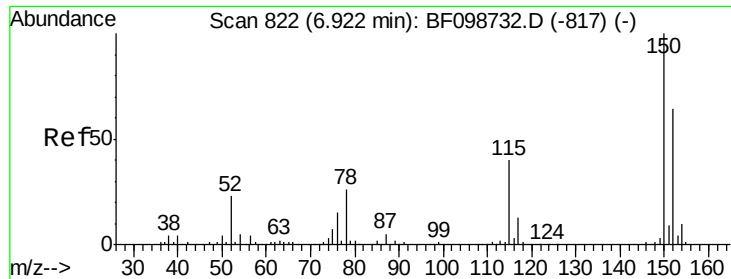
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 05 17:20:48 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099164.D

Acq: 6 Oct 2017 23:03

Instrument :

BNA_F

ClientSampled :

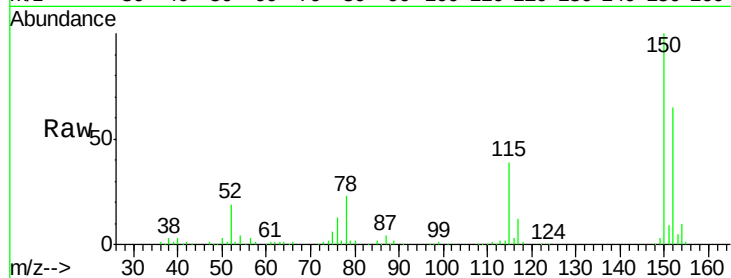
Tot Ion:152 Resp: 112290

Ion Ratio Lower Upper

152 100

150 154.9 124.6 186.8

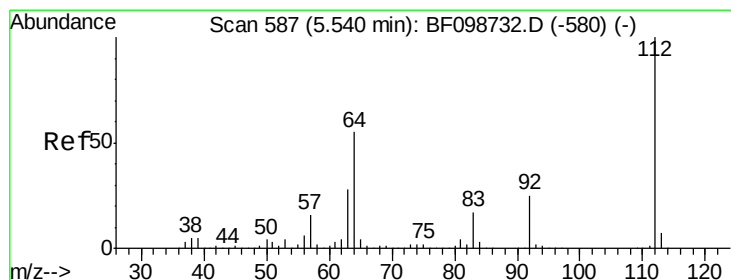
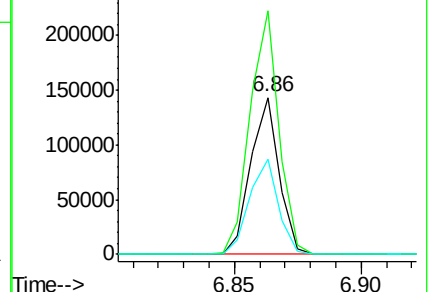
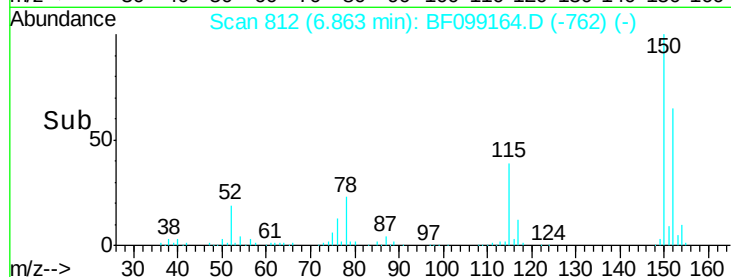
115 60.1 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 25.29 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF099164.D

Acq: 6 Oct 2017 23:03

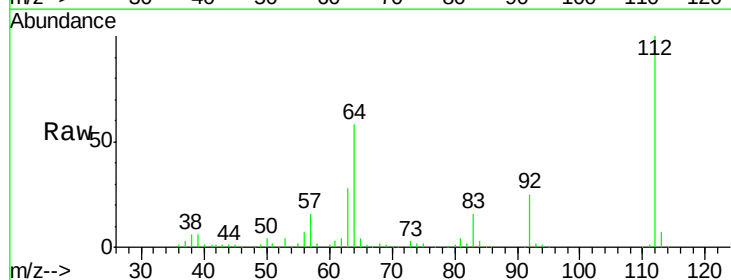
Tgt Ion:112 Resp: 178378

Ion Ratio Lower Upper

112 100

64 57.7 47.9 71.9

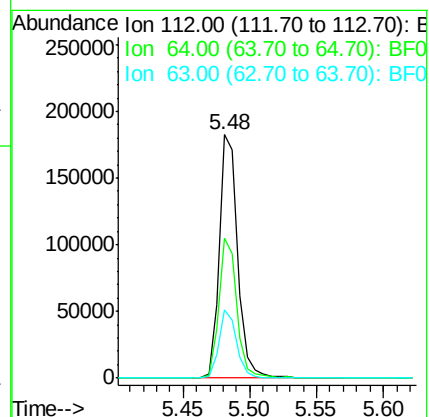
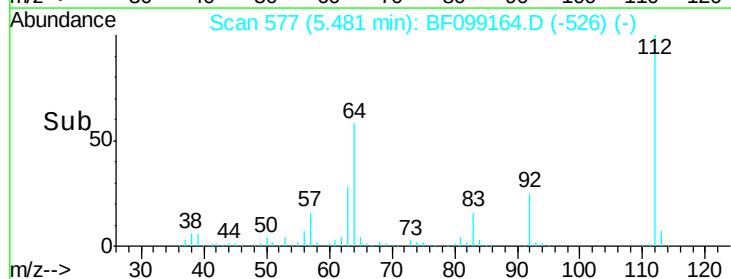
63 27.8 23.7 35.5

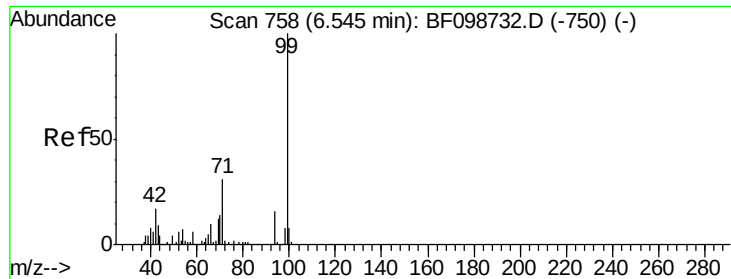


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.62 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099164.D

Acq: 6 Oct 2017 23:03

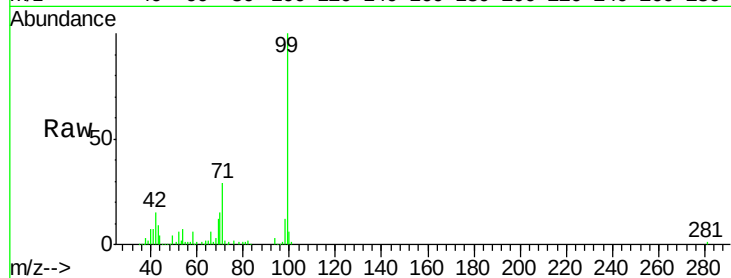
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 118537

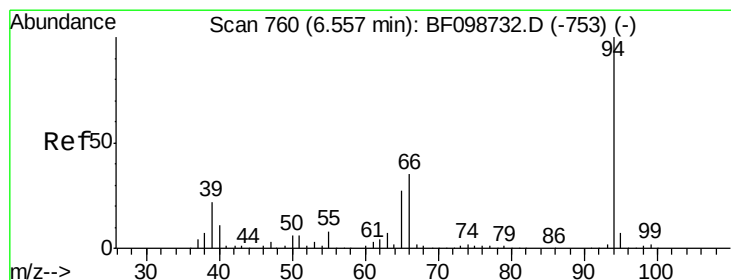
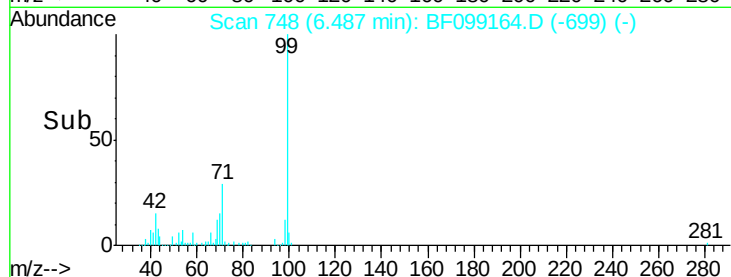
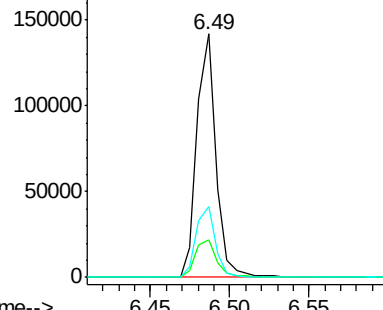
Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	29.0	25.4	38.0



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



#10

Phenol

Concen: 7.25 ng

RT: 6.50 min Scan# 750

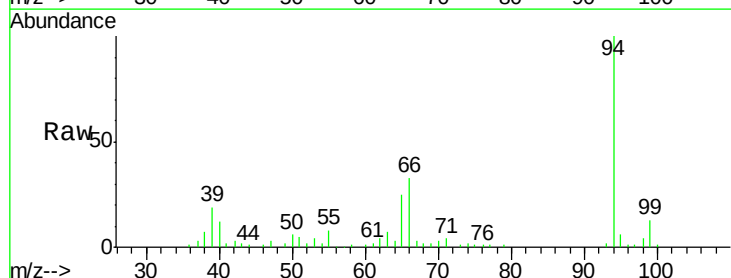
Delta R.T. -0.02 min

Lab File: BF099164.D

Acq: 6 Oct 2017 23:03

Tgt Ion: 94 Resp: 70563

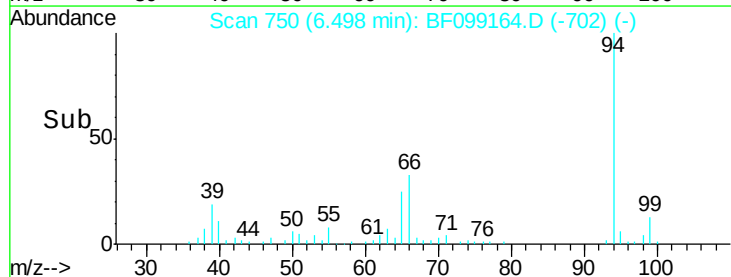
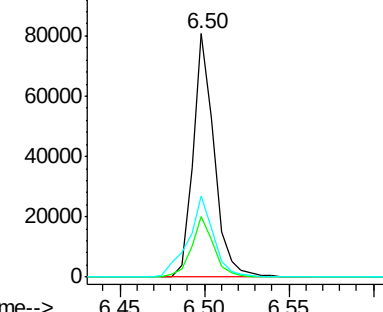
Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.9	47.9
66	33.0	16.2	56.2

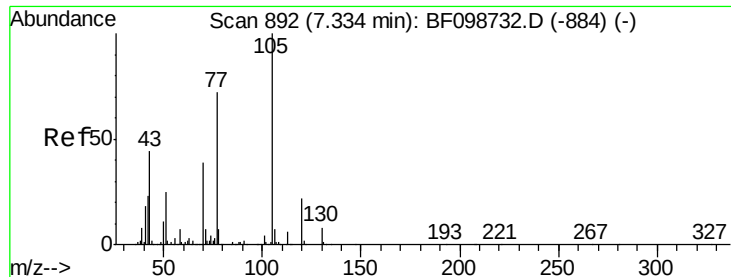


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

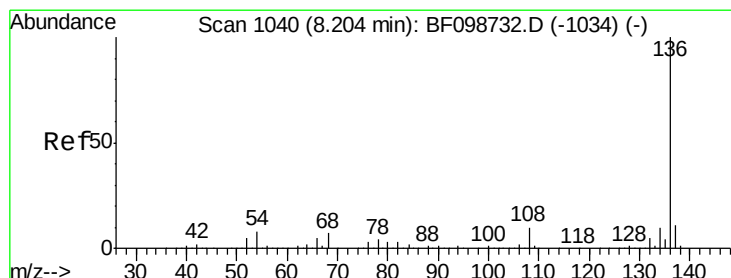
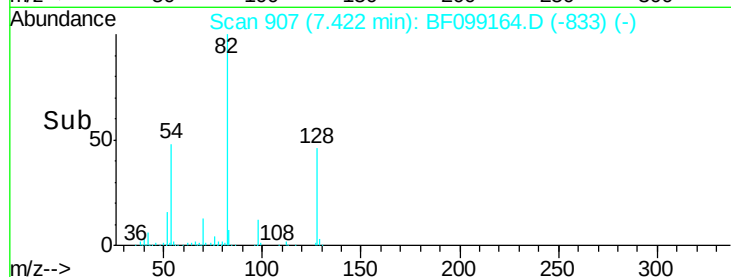
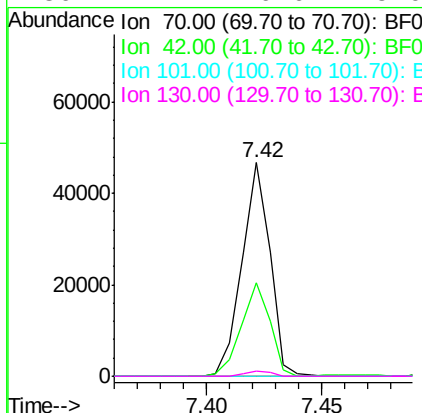
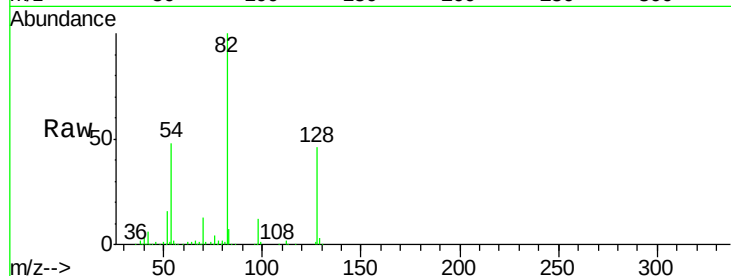




#19
n-Nitroso-di-n-propylamine
Concen: 7.17 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF099164.D
Acq: 6 Oct 2017 23:03

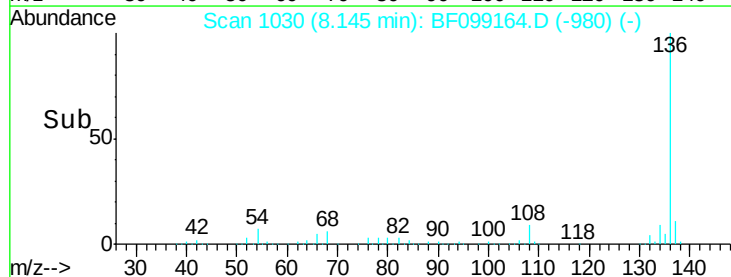
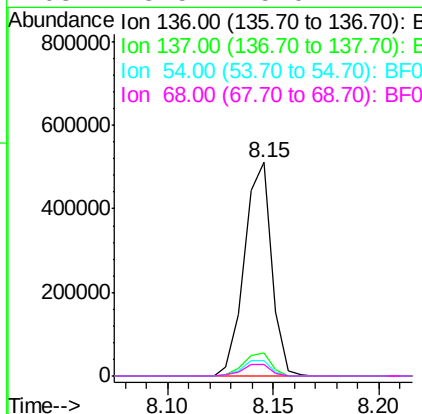
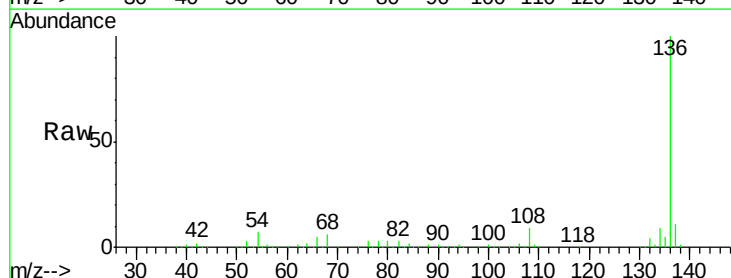
Instrument :
BNA_F
ClientSampleId :

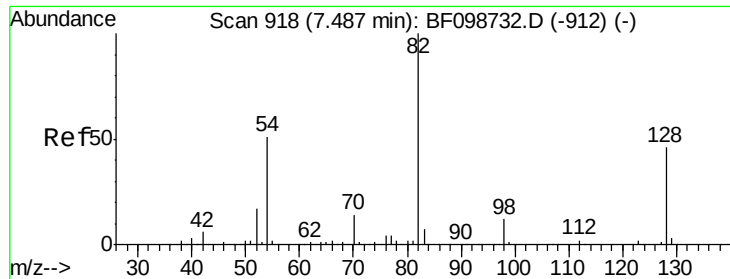
Tot Ion: 70 Resp: 39839
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099164.D
Acq: 6 Oct 2017 23:03

Tgt Ion: 136 Resp: 456965
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.9 6.6 9.8
68 5.5 5.0 7.4

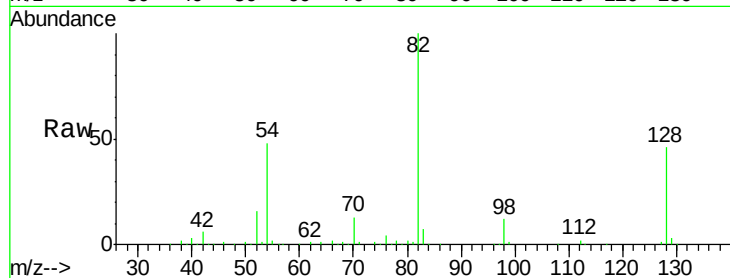




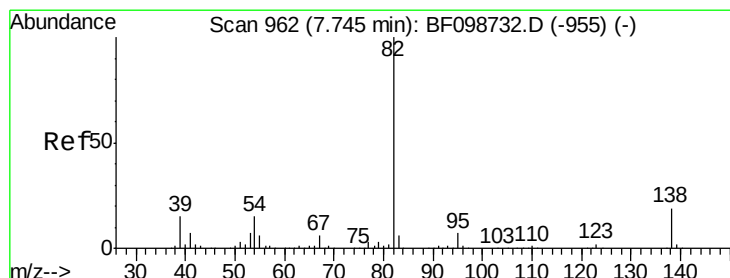
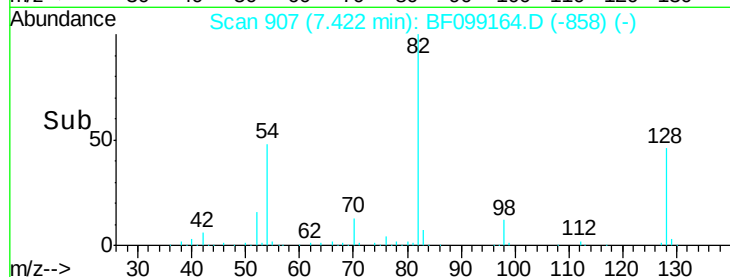
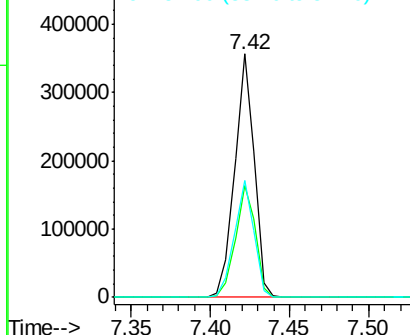
#23
 Nitrobenzene-d5
 Concen: 42.88 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099164.D
 Acq: 6 Oct 2017 23:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 305546
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 47.8 41.4 62.2

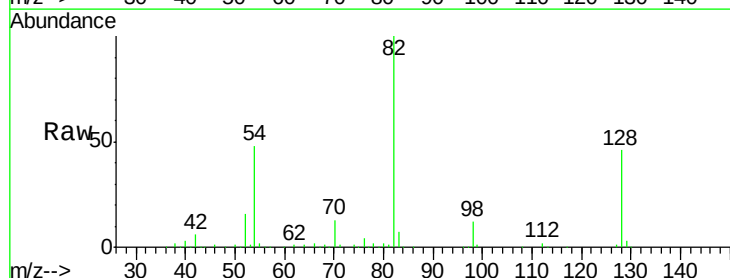


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

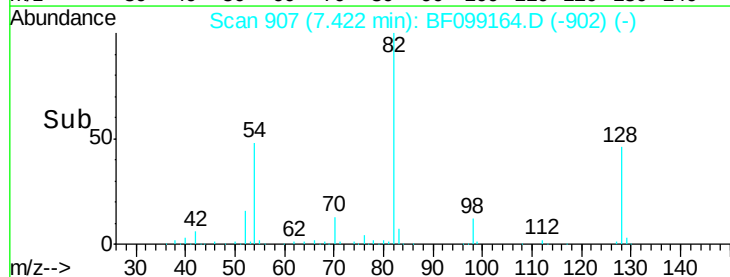
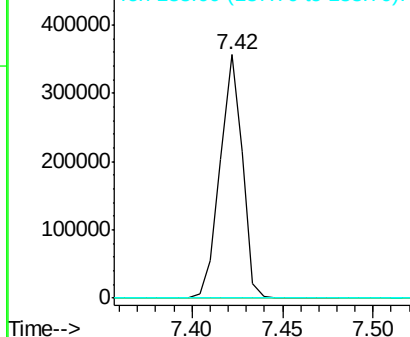


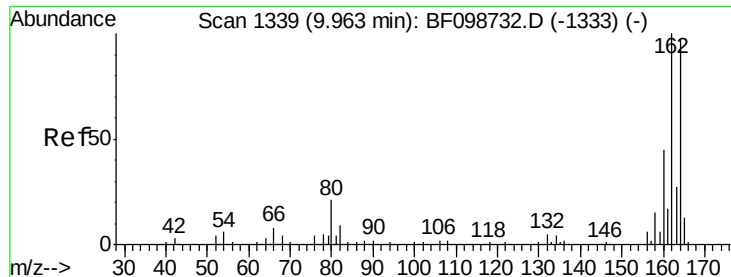
#25
 Isophorone
 Concen: 20.62 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.27 min
 Lab File: BF099164.D
 Acq: 6 Oct 2017 23:03

Tgt Ion: 82 Resp: 303729
 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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099164.D

Acq: 6 Oct 2017 23:03

Instrument :

BNA_F

ClientSampleId :

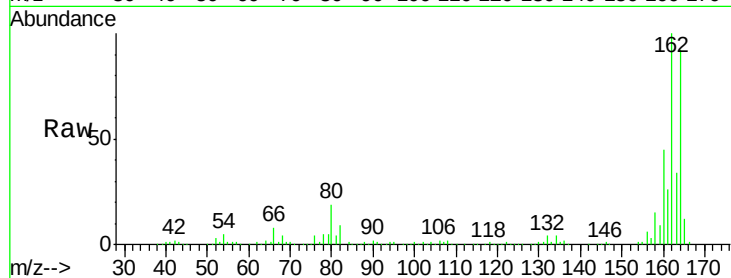
Tot Ion:164 Resp: 158604

Ion Ratio Lower Upper

164 100

162 108.3 86.1 129.1

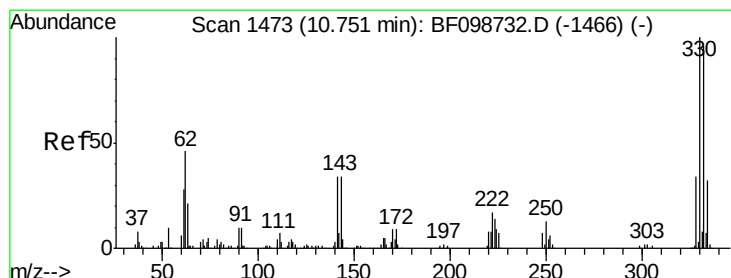
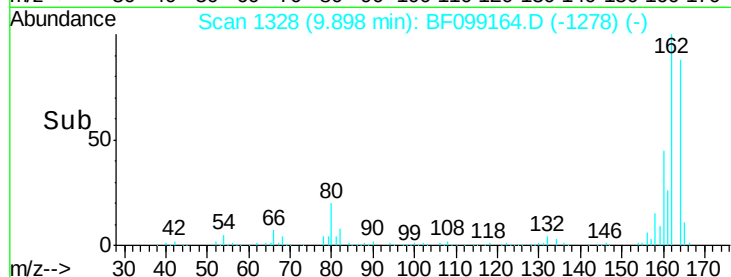
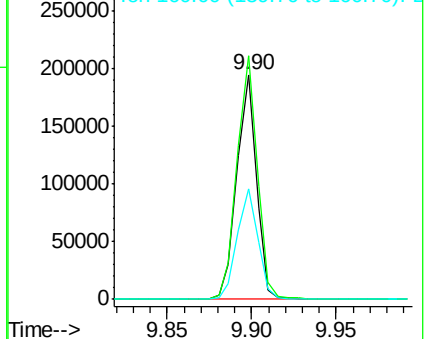
160 48.9 38.3 57.5



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: 60.73 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF099164.D

Acq: 6 Oct 2017 23:03

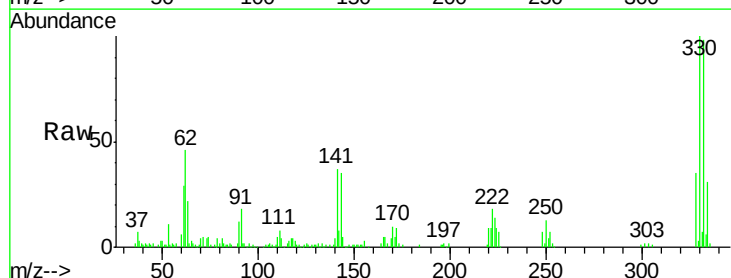
Tgt Ion:330 Resp: 78813

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

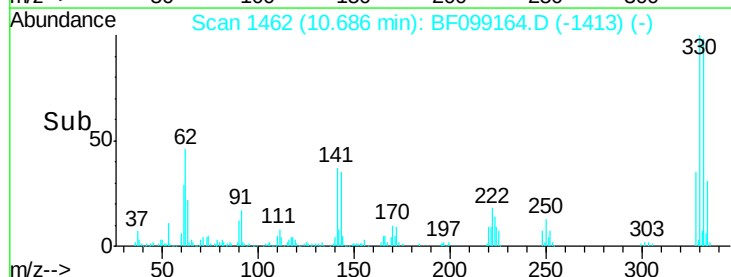
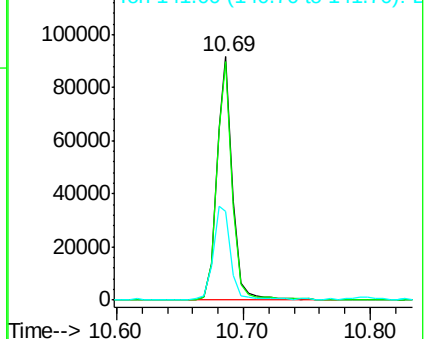
141 45.2 29.9 44.9#

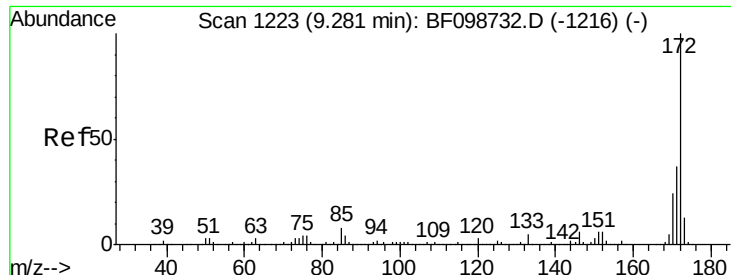


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

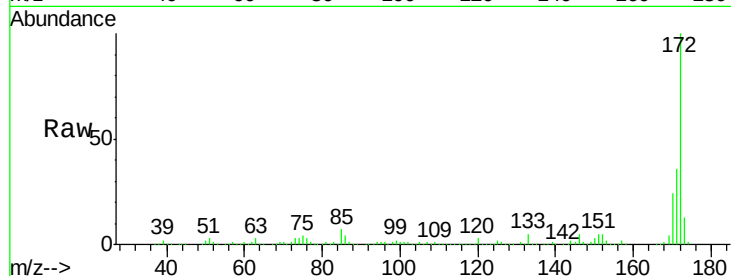




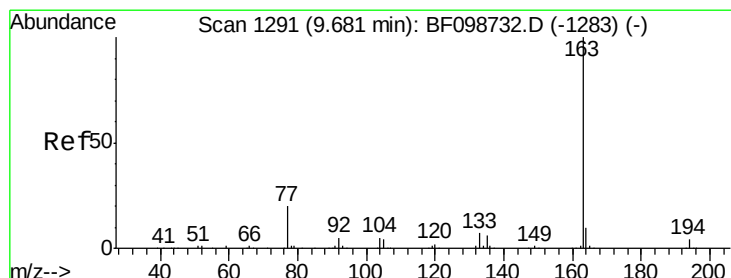
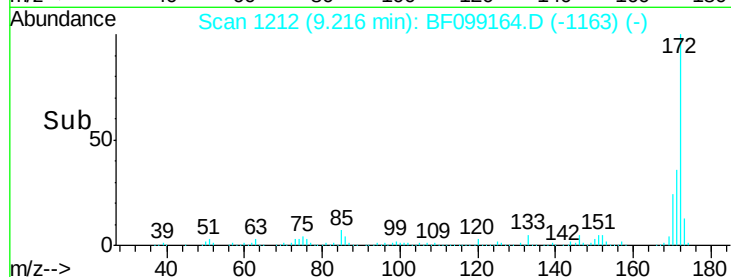
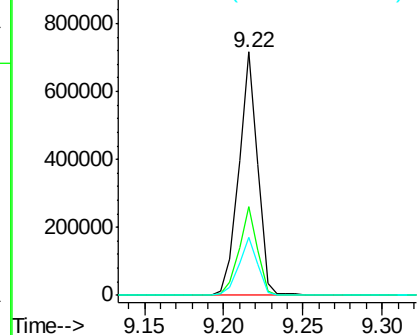
#44
2-Fluorobiphenyl
Concen: 62.46 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099164.D
Acq: 6 Oct 2017 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4

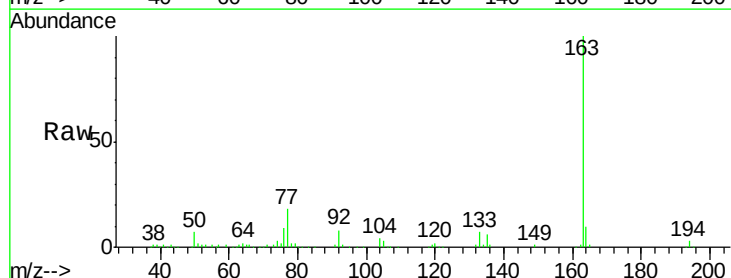


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

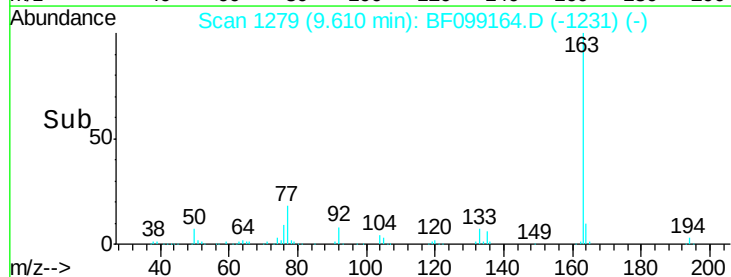
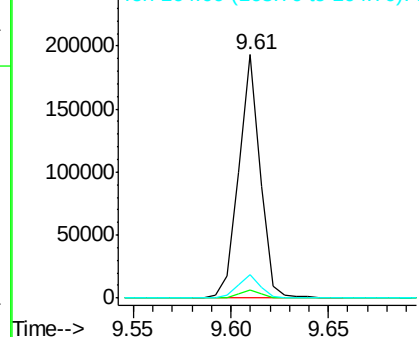


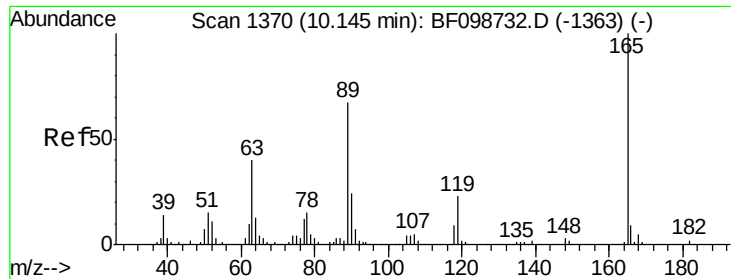
#49
Dimethylphthalate
Concen: 12.30 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099164.D
Acq: 6 Oct 2017 23:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.5	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

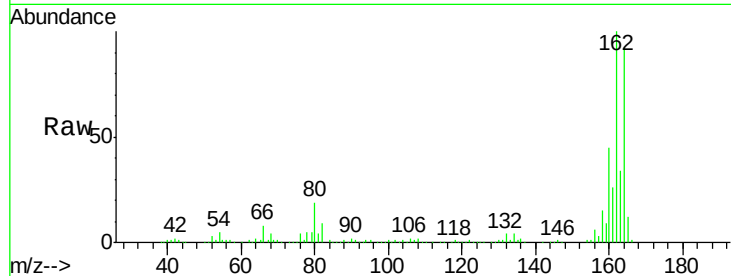




#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099164.D
 Acq: 6 Oct 2017 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.4	54.6#
89	3.5	57.8	86.6#
182	0.0	1.6	2.4#

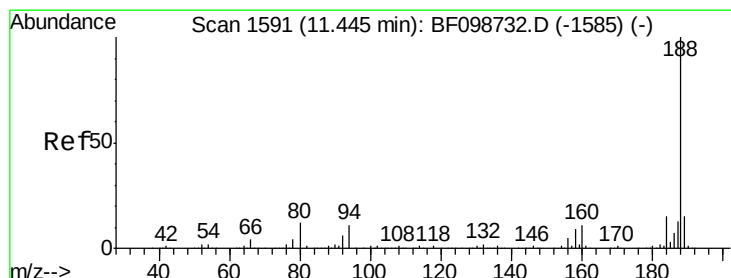
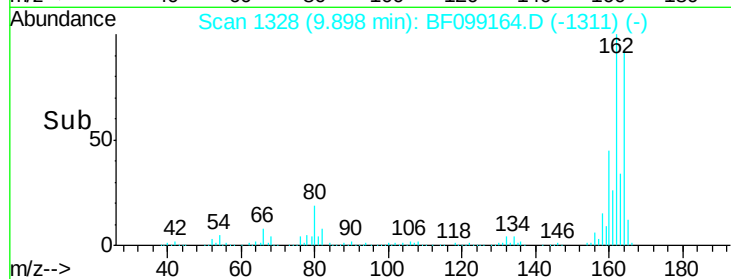
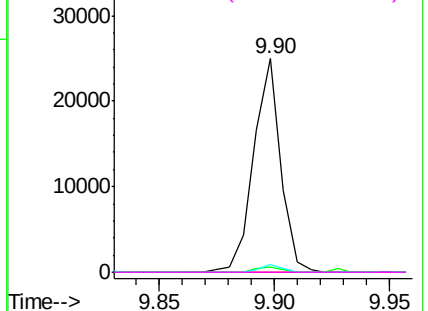


Abundance Ion 165.00 (164.70 to 165.70): E

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



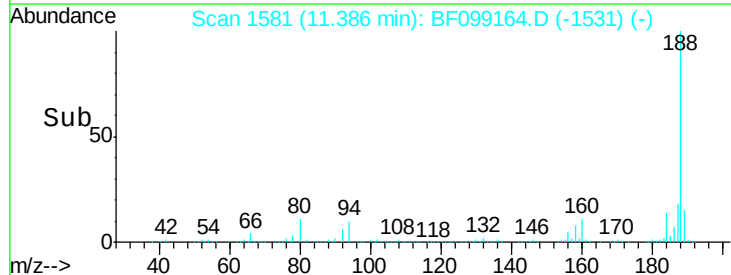
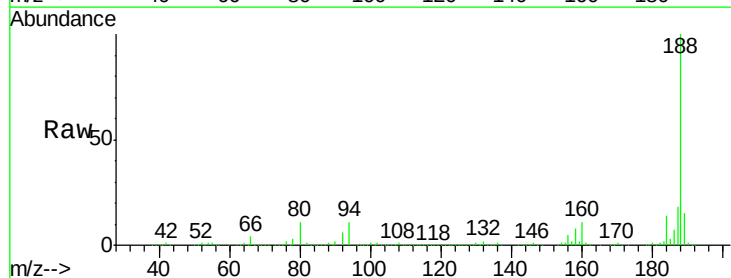
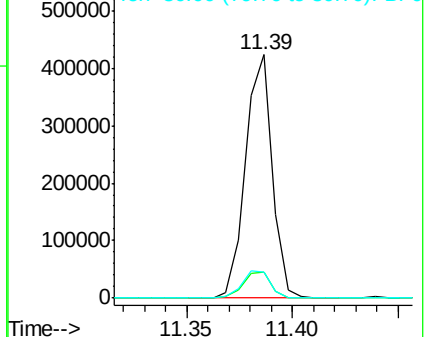
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099164.D
 Acq: 6 Oct 2017 23:03

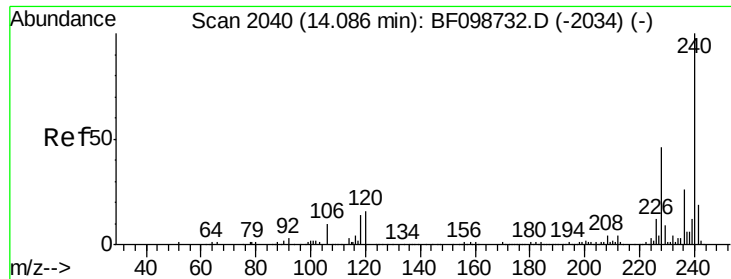
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.9	9.2	13.8

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

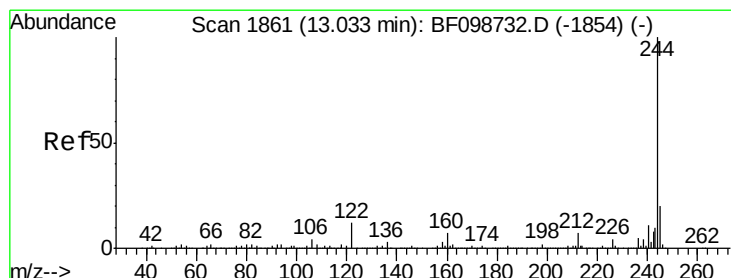
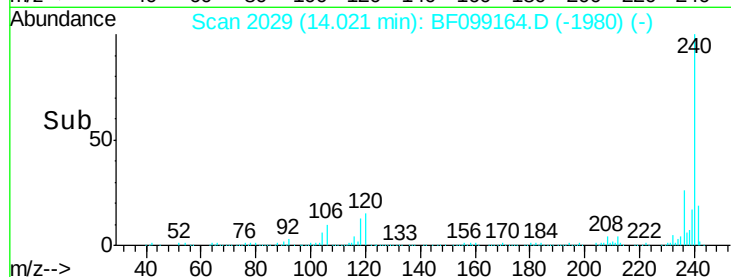
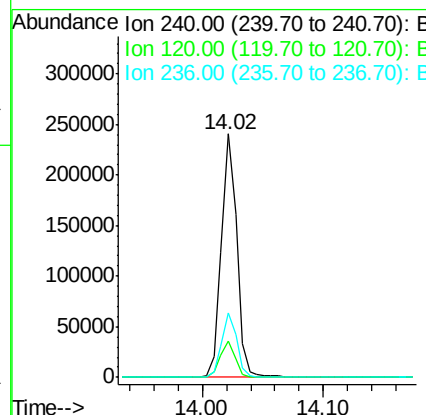
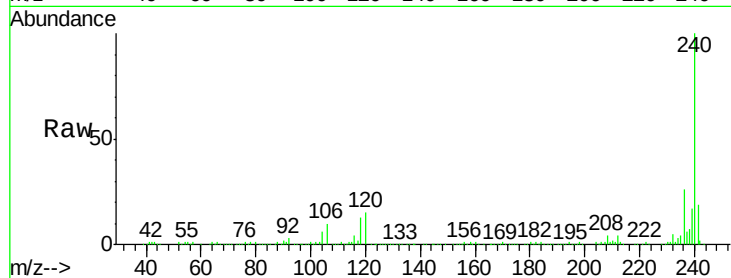




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099164.D
 Acq: 6 Oct 2017 23:03

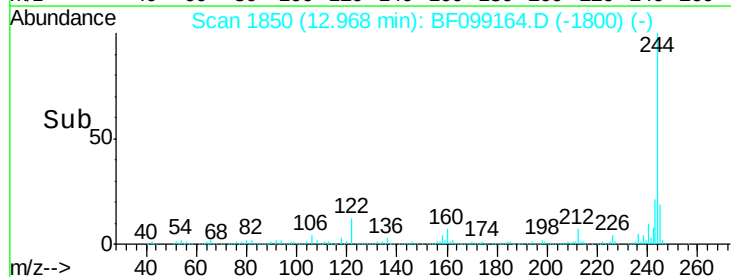
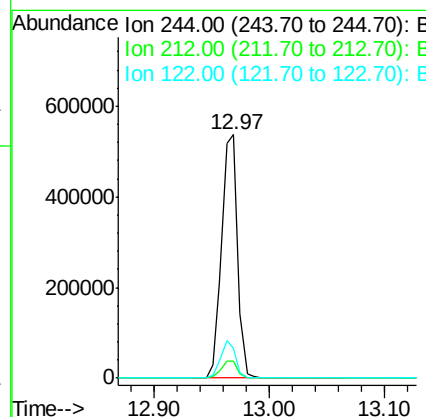
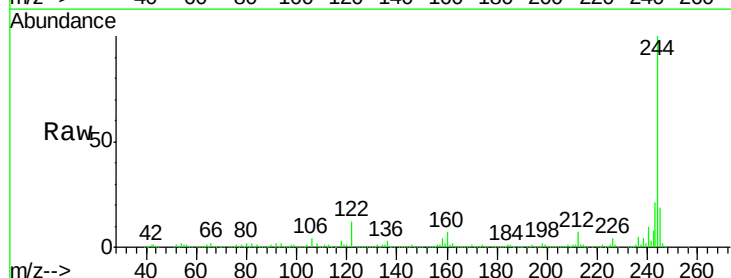
Instrument :
 BNA_F
 ClientSampleId :

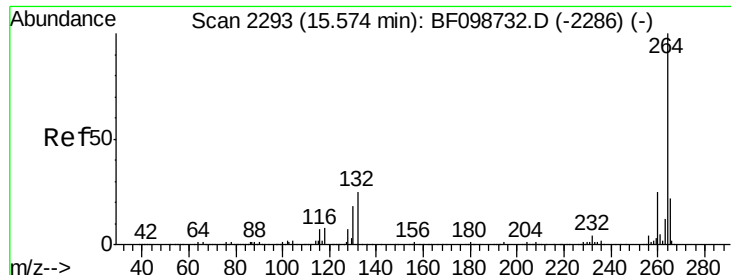
Tot Ion:240 Resp: 211359
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.5 14.3#
 236 26.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 55.47 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099164.D
 Acq: 6 Oct 2017 23:03

Tgt Ion:244 Resp: 515512
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.4 11.0 16.4

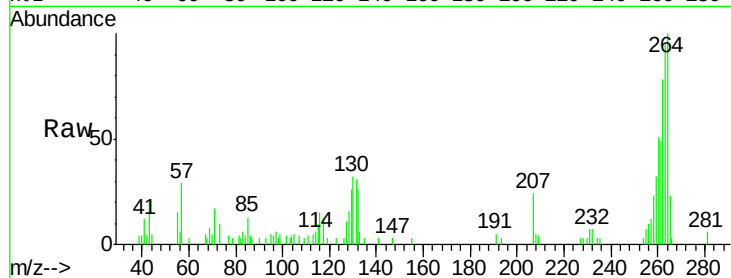




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF099164.D
 Acq: 6 Oct 2017 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	51.3	19.2	28.8
265	23.2	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

