

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096802.D
 Acq On : 15 Jul 2017 5:30
 Operator : SJ/JU
 Sample : I4159-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 15 05:54:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

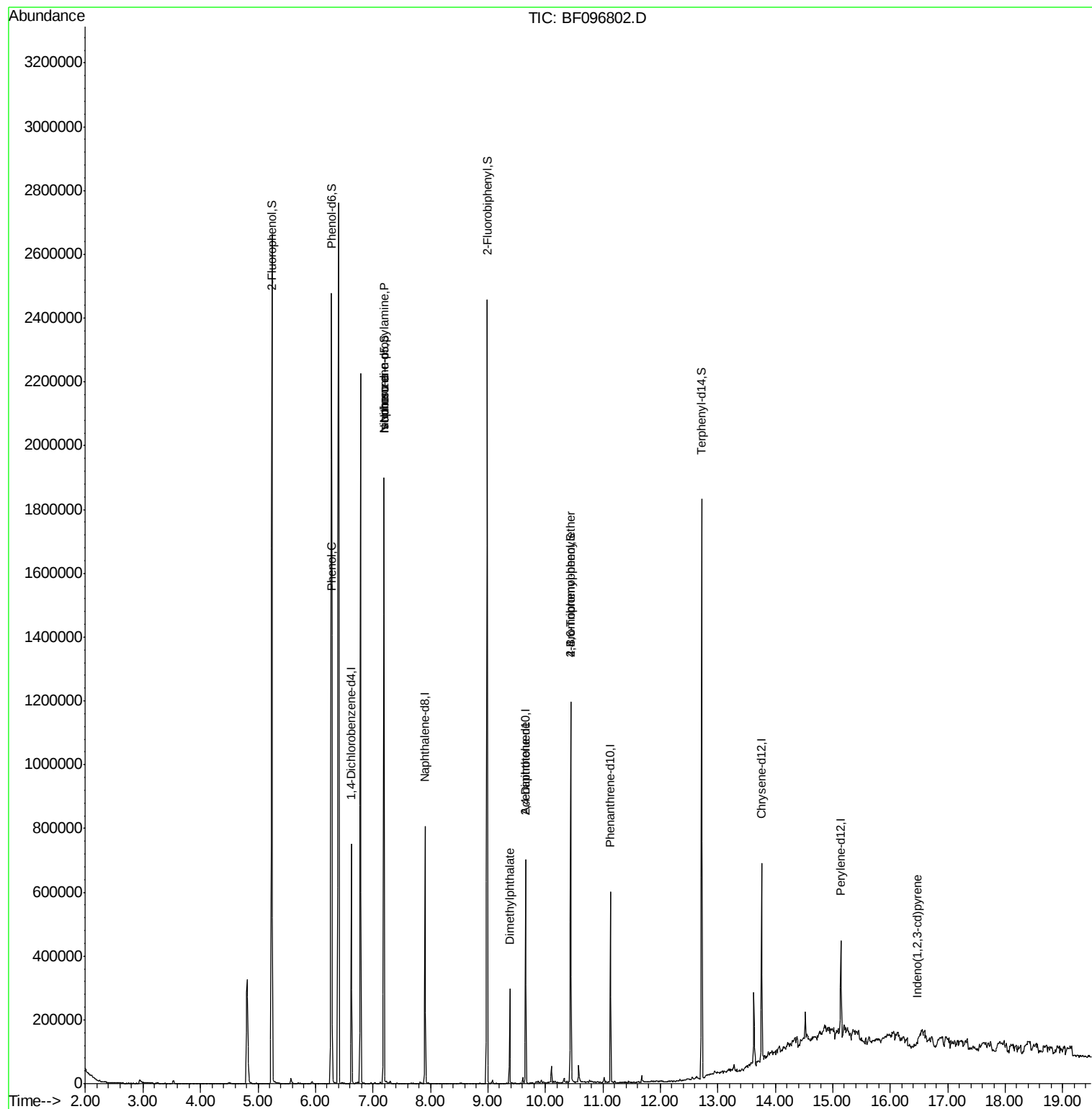
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	103494	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	381348	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	126994	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	194493	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	199309	20.00	ng	-0.01
86) Perylene-d12	15.14	264	135405	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	826594	120.09	ng	0.01
7) Phenol-d6	6.28	99	951101	115.15	ng	0.00
23) Nitrobenzene-d5	7.19	82	571251	92.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	136432	125.86	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	746368	92.85	ng	-0.01
78) Terphenyl-d14	12.72	244	546706	47.57	ng	-0.01
Target Compounds						
10) Phenol	6.29	94	29726	3.18	ng	90
19) n-Nitroso-di-n-propylamine	7.19	70	75059	15.08	ng	# 87
25) Isophorone	7.19	82	562115	49.08	ng	# 67
49) Dimethylphthalate	9.38	163	112103	11.72	ng	98
56) 2,4-Dinitrotoluene	9.66	165	16693	6.27	ng	# 31
66) 4-Bromophenyl-phenylether	10.45	248	9051	4.56	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.46	276	374	3.36	ng	# 1

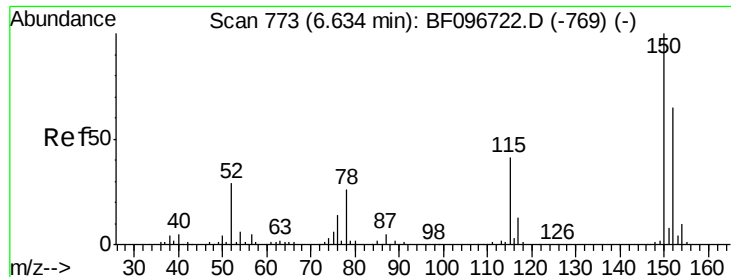
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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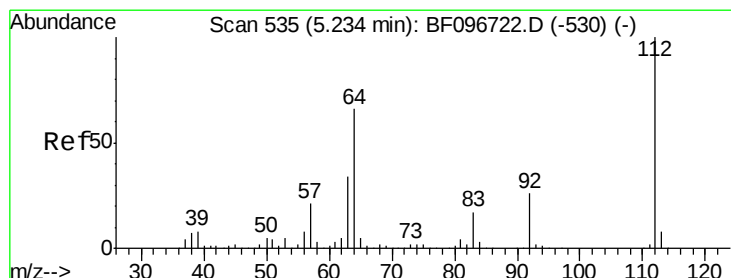
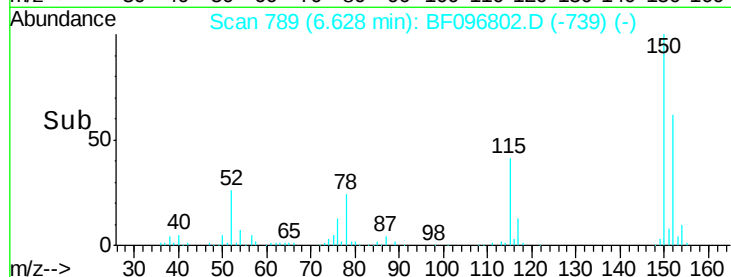
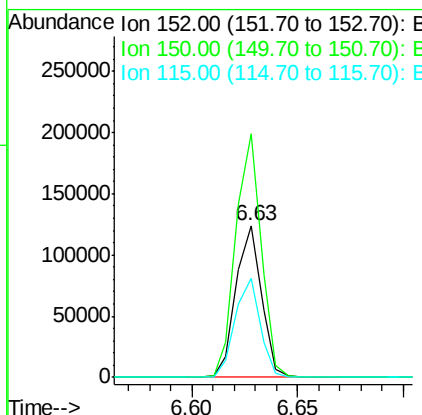
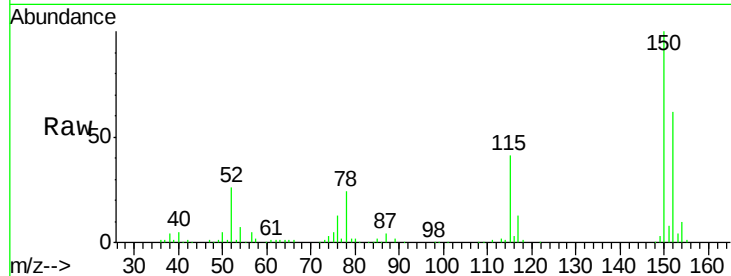


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Instrument :
BNA_F
ClientSampleId :

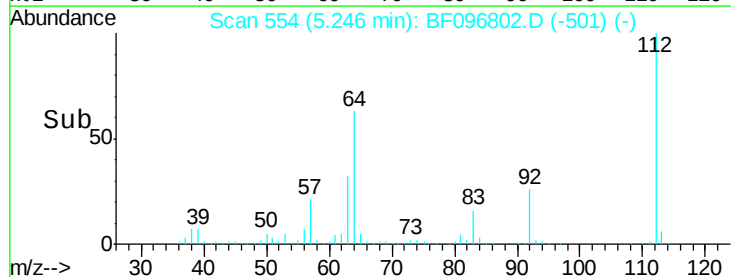
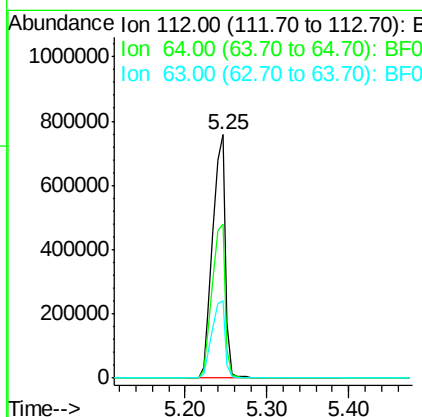
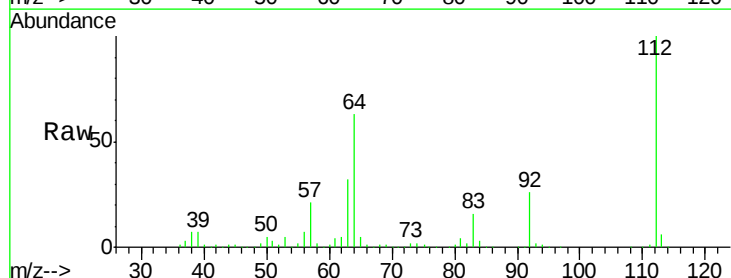
Tot Ion:152 Resp: 103494
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.2
115 65.2 52.2 78.2

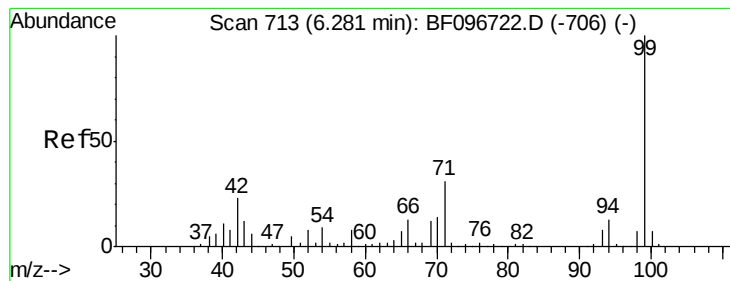


#5

2-Fluorophenol
Concen: 120.09 ng
RT: 5.25 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Tgt Ion:112 Resp: 826594
Ion Ratio Lower Upper
112 100
64 63.3 46.0 69.0
63 31.9 23.4 35.0





#7

Phenol-d6

Concen: 115.15 ng

RT: 6.28 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

Instrument :

BNA_F

ClientSampled :

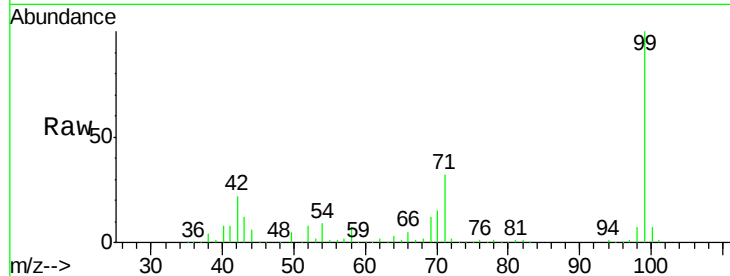
Tot Ion: 99 Resp: 951101

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

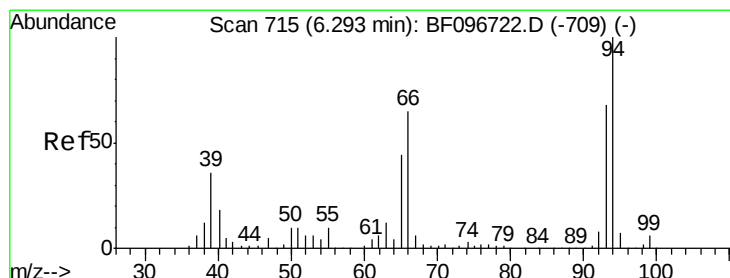
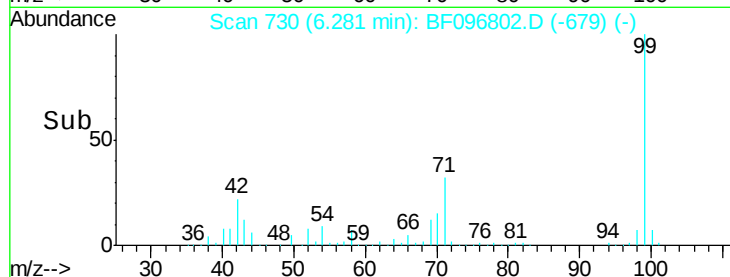
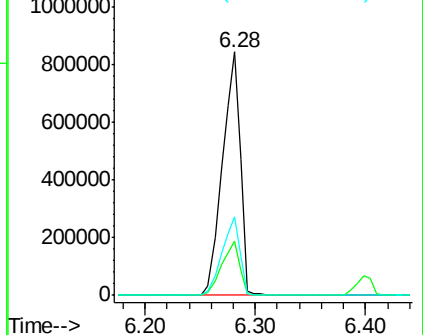
71 32.1 24.5 36.7



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: 3.18 ng

RT: 6.29 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

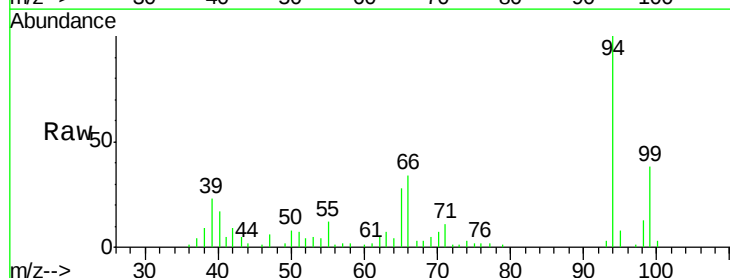
Tgt Ion: 94 Resp: 29726

Ion Ratio Lower Upper

94 100

65 27.8 9.9 49.9

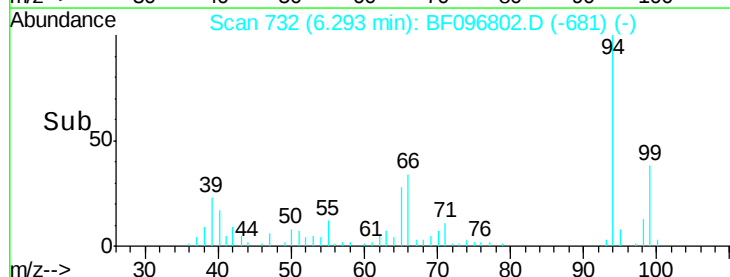
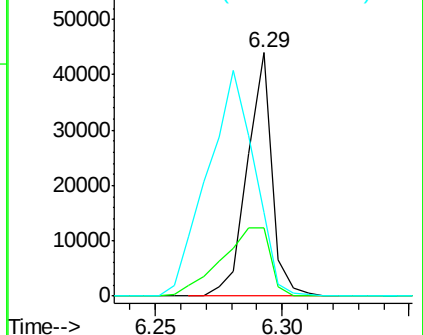
66 34.4 23.1 63.1

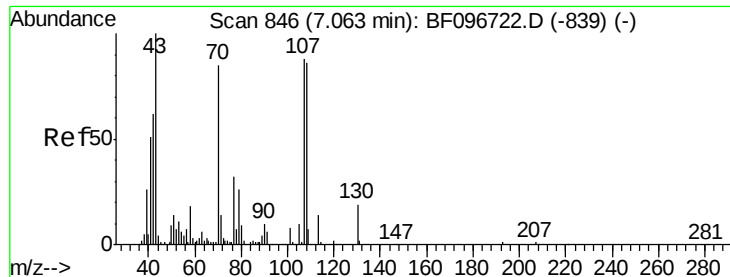


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

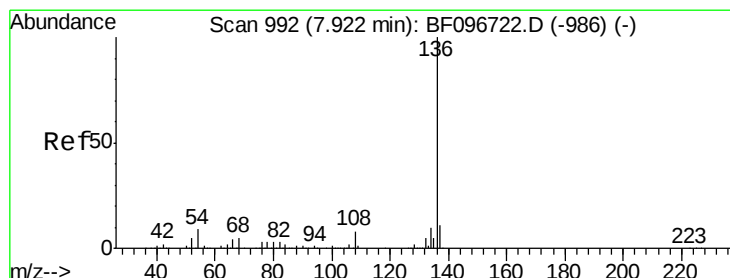
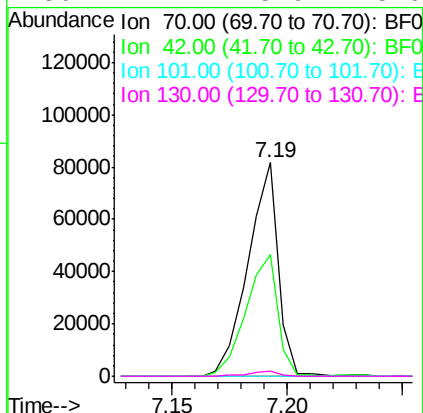
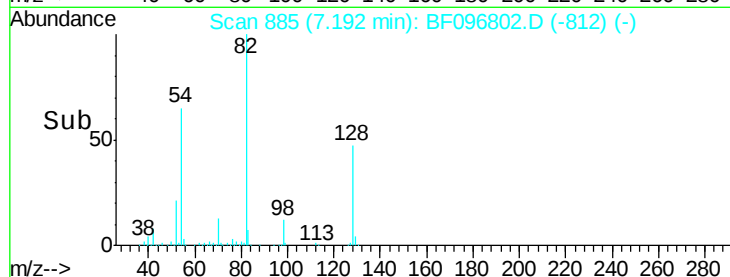
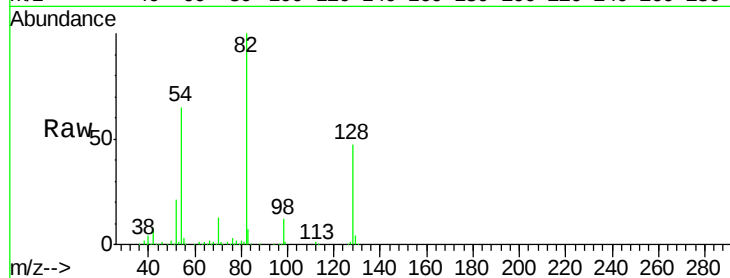




#19
n-Nitroso-di-n-propylamine
Concen: 15.08 ng
RT: 7.19 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

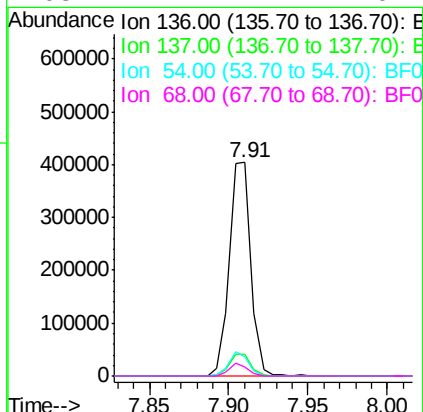
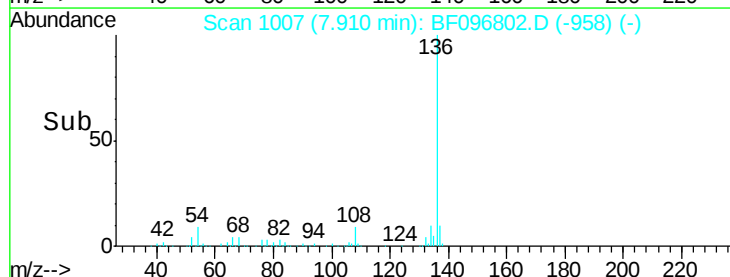
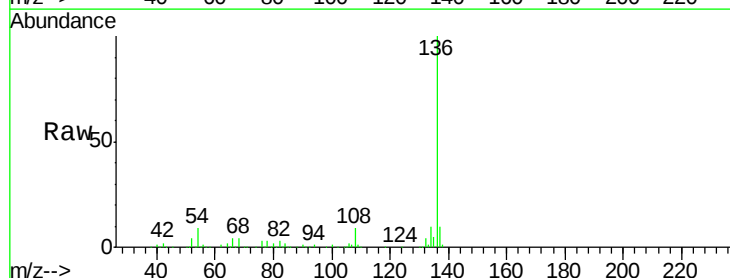
Instrument :
BNA_F
ClientSampleId :

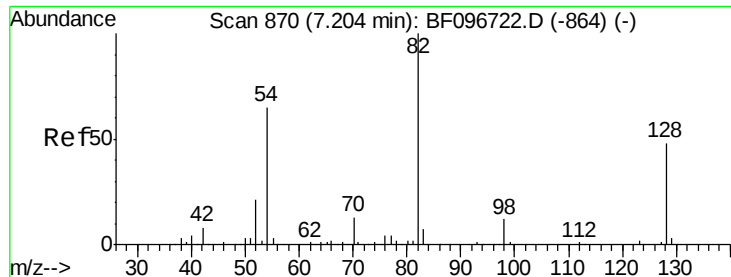
Tot Ion: 70 Resp: 75059
Ion Ratio Lower Upper
70 100
42 57.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Tgt Ion:136 Resp: 381348
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.0 4.9 7.3#
68 4.2 4.1 6.1

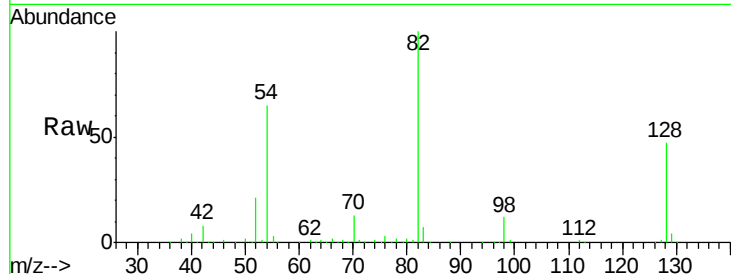




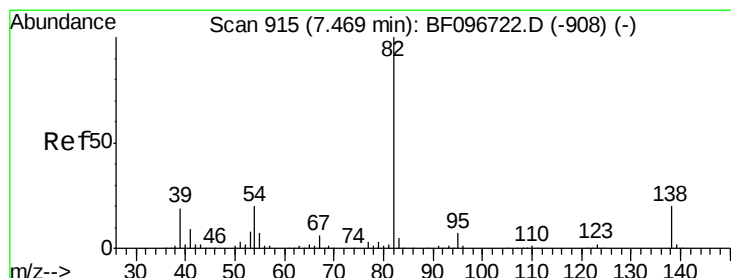
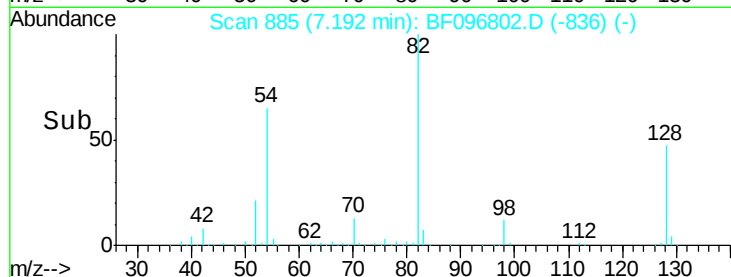
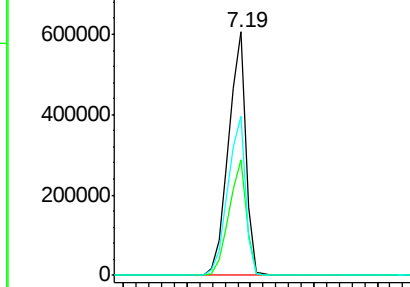
#23
 Nitrobenzene-d5
 Concen: 92.79 ng
 RT: 7.19 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	571251
Ion Ratio	Lower	Upper	
82	100		
128	47.3	34.0	51.0
54	65.4	42.2	63.2#

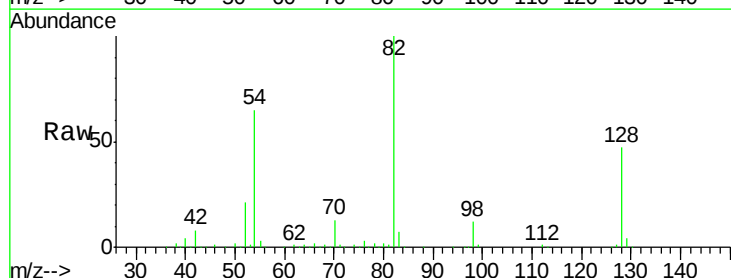


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

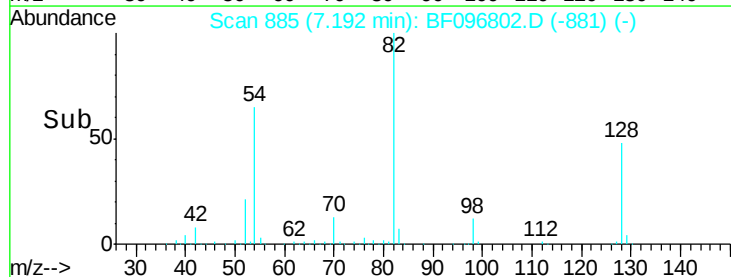
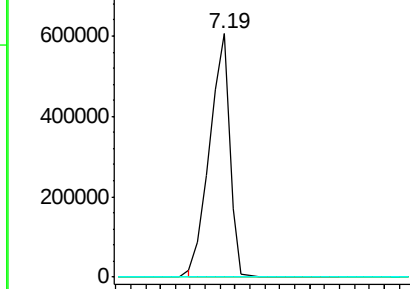


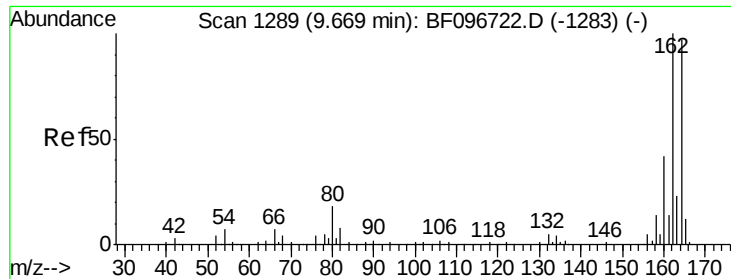
#25
 Isophorone
 Concen: 49.08 ng
 RT: 7.19 min Scan# 885
 Delta R.T. -0.28 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

Tgt Ion	82	Resp	562115
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



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: 9.66 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

Instrument :

BNA_F

ClientSampleId :

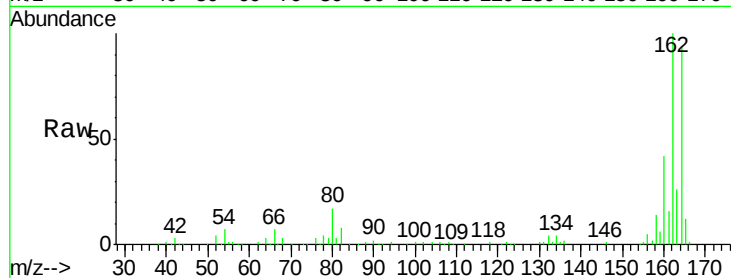
Tot Ion:164 Resp: 126994

Ion Ratio Lower Upper

164 100

162 106.8 82.6 123.8

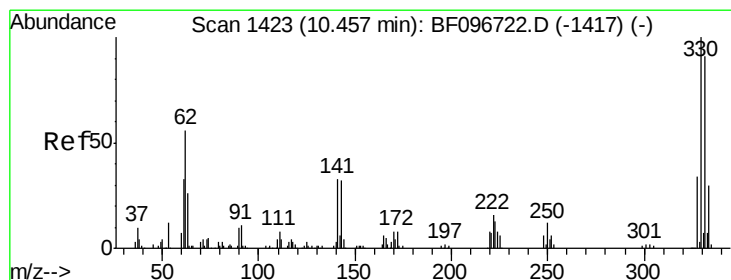
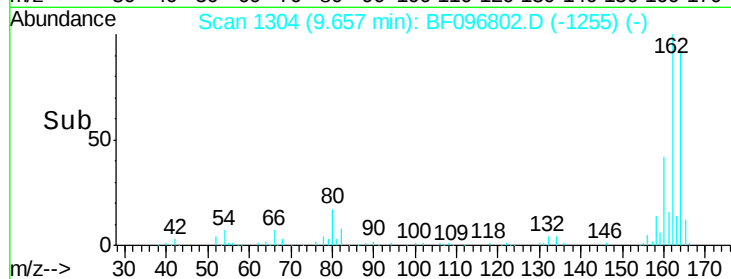
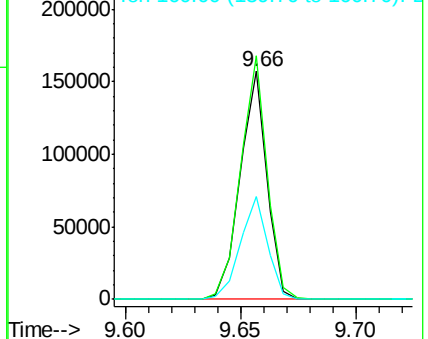
160 45.1 36.2 54.2



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: 125.86 ng

RT: 10.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

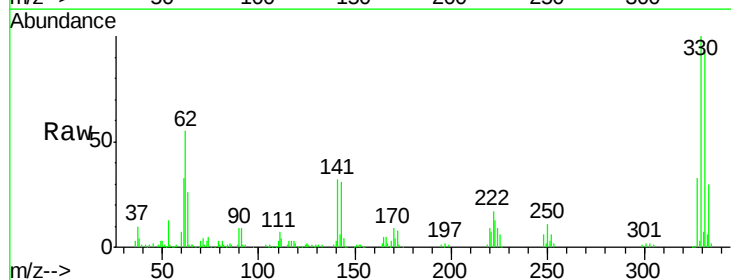
Tgt Ion:330 Resp: 136432

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

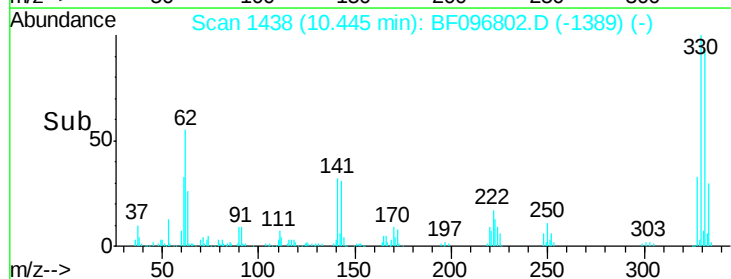
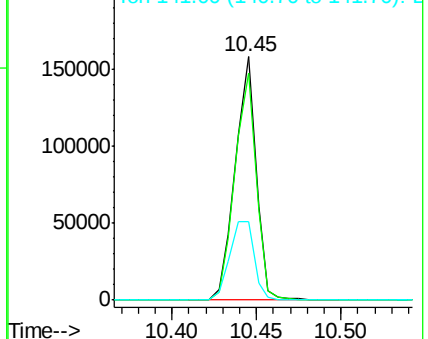
141 38.0 31.4 47.2

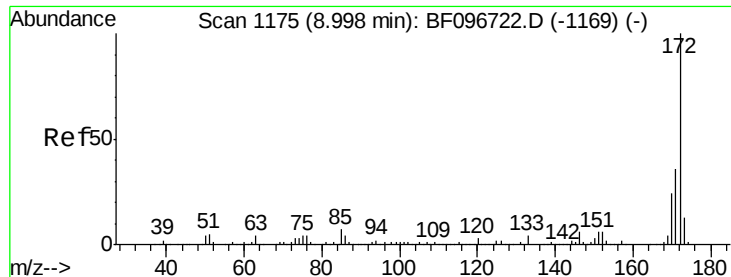


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

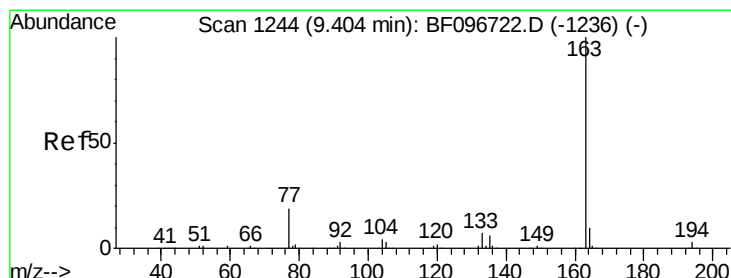
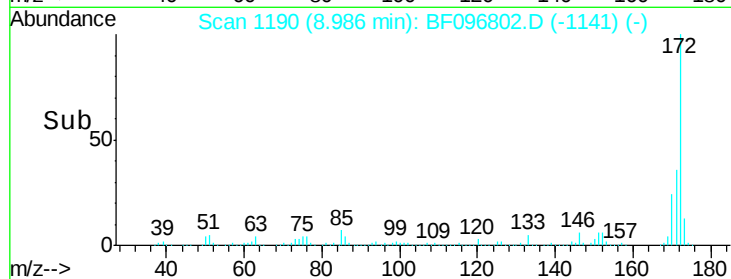
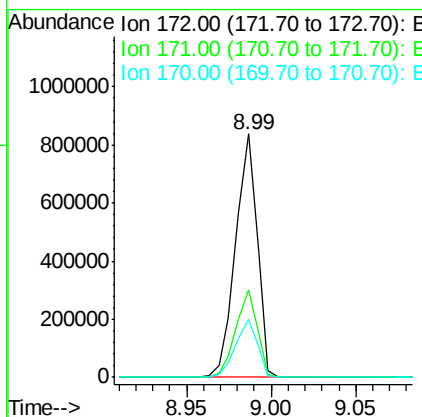
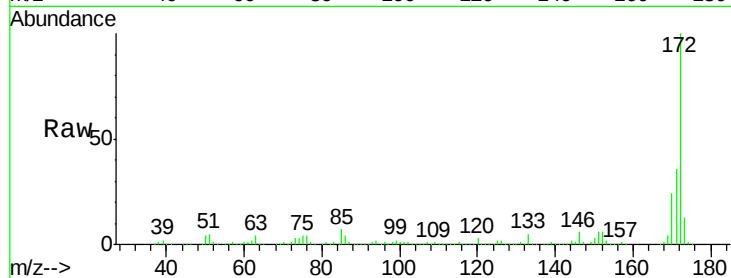




#44
2-Fluorobiphenyl
Concen: 92.85 ng
RT: 8.99 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

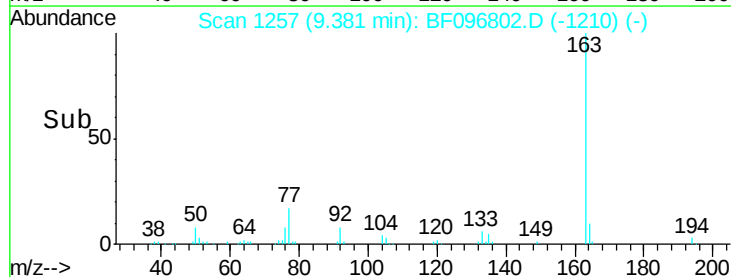
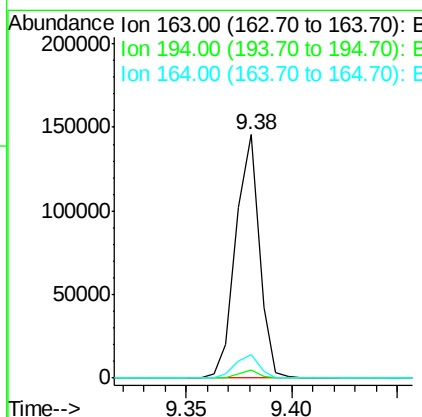
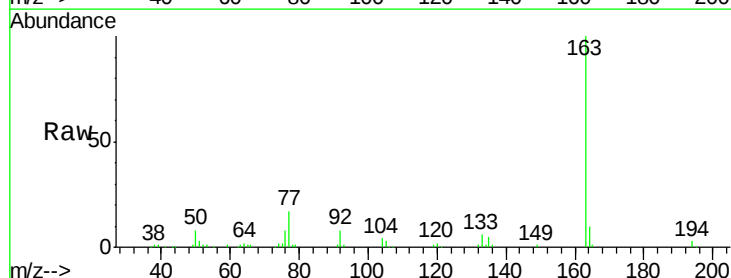
Instrument :
BNA_F
ClientSampleId :

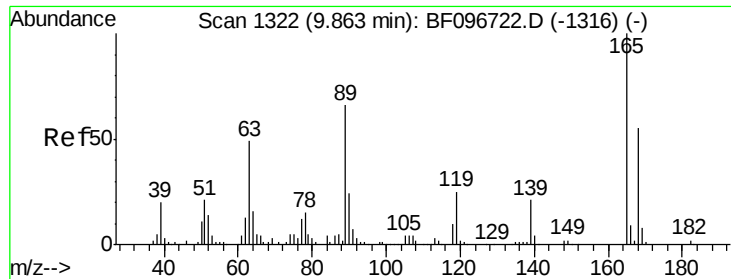
Tot Ion:172 Resp: 746368
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 11.72 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Tgt Ion:163 Resp: 112103
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.6 8.4 12.6

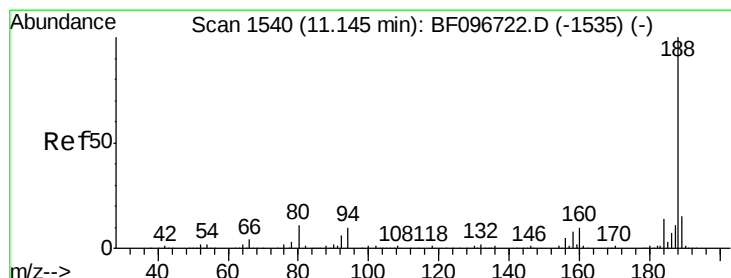
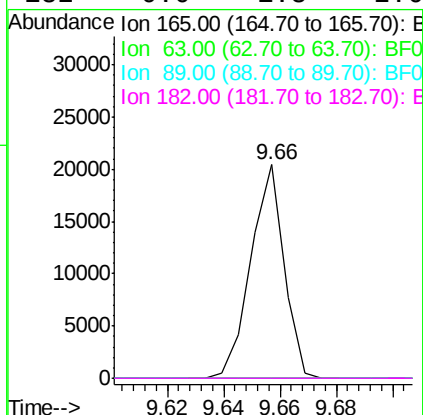
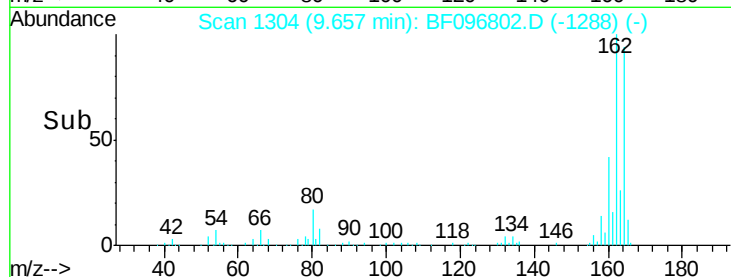
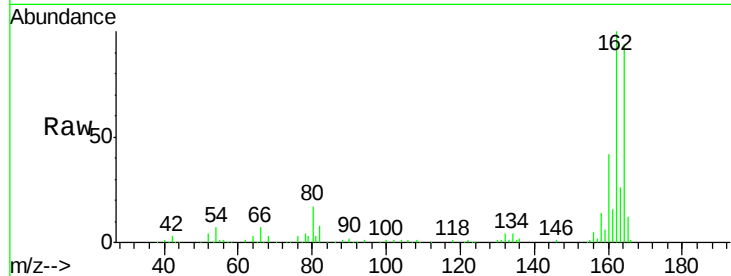




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

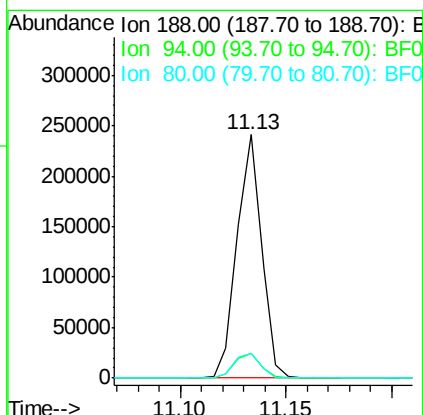
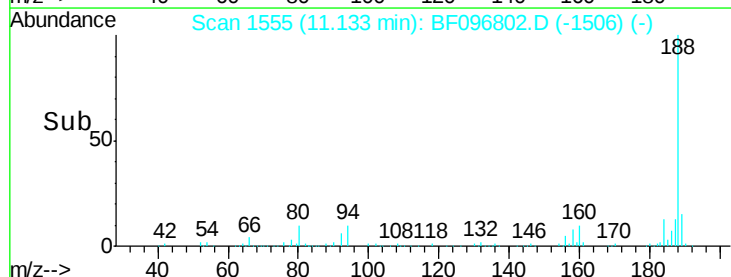
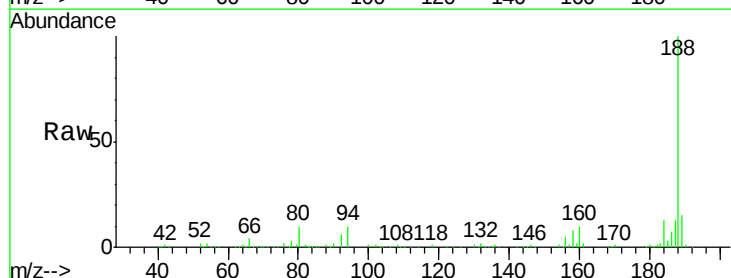
Instrument :
 BNA_F
 ClientSampleId :

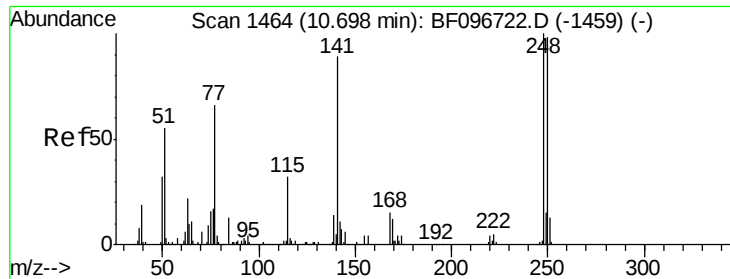
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.1	10.2	15.2#

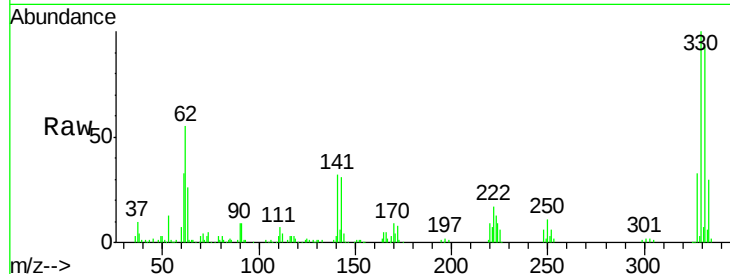




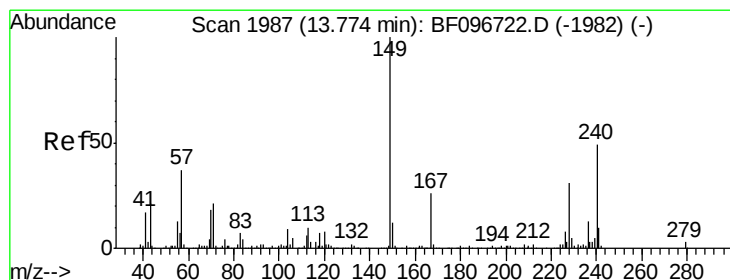
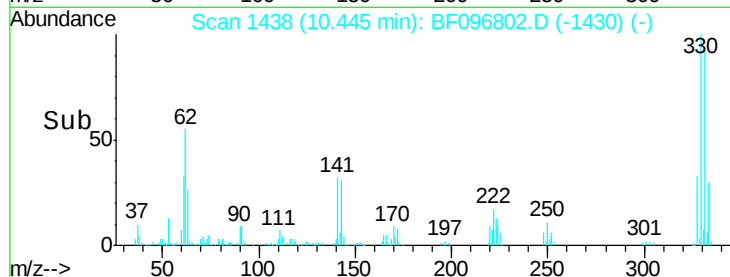
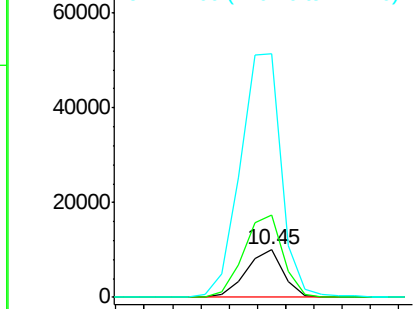
#66
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 10.45 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9051
Ion Ratio Lower Upper
248 100
250 171.6 76.8 115.2#
141 511.0 68.6 103.0#

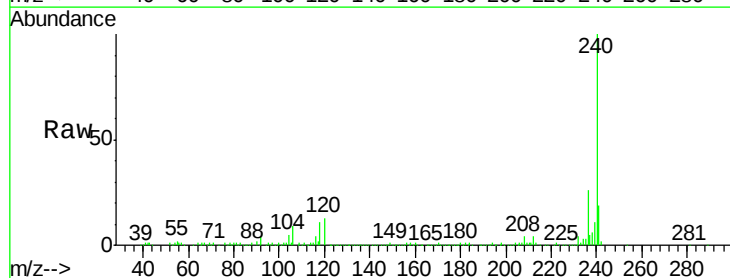


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

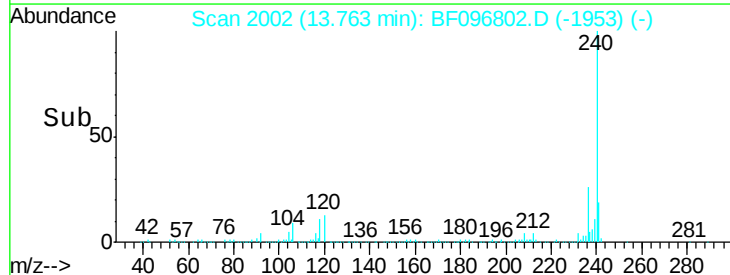
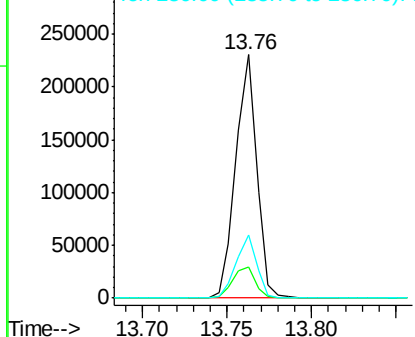


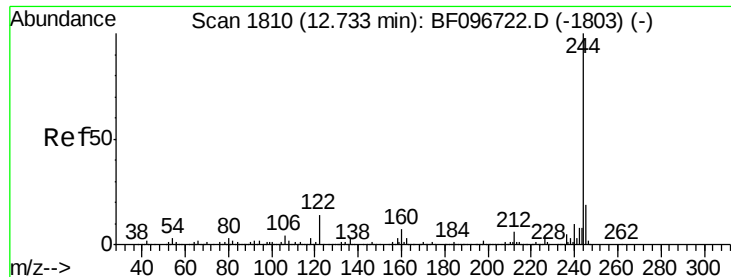
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Tgt Ion:240 Resp: 199309
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 26.0 20.5 30.7



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

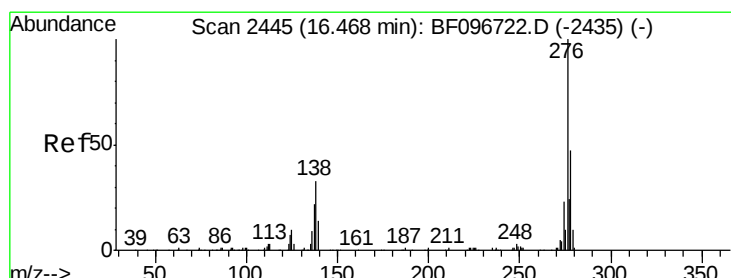
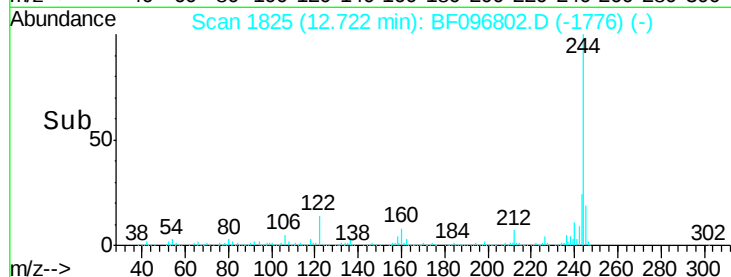
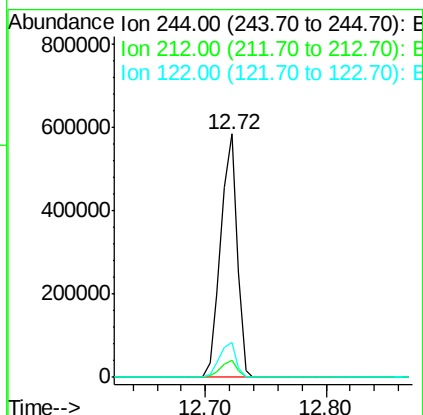
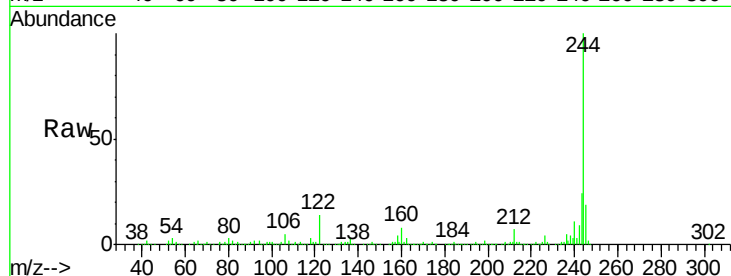




#78
 Terphenyl-d14
 Concen: 47.57 ng
 RT: 12.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

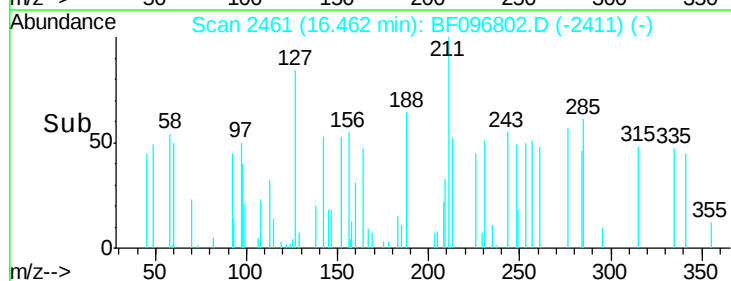
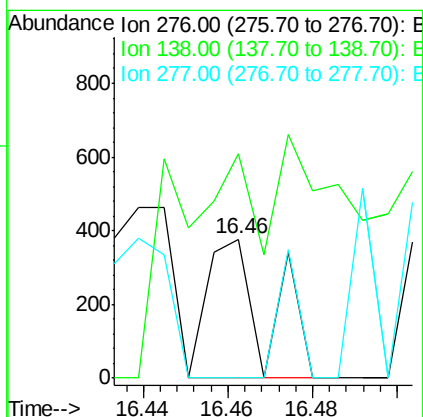
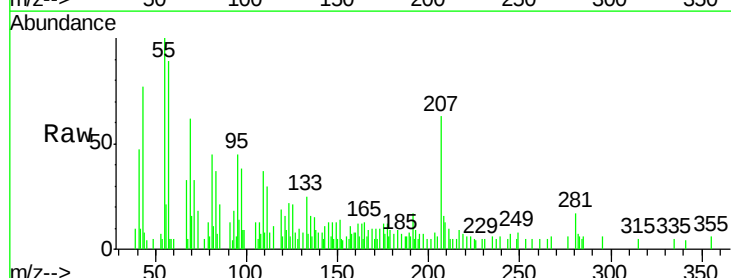
Instrument :
 BNA_F
 ClientSampleId :

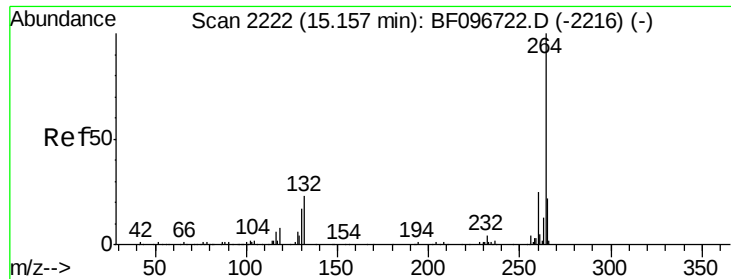
Tot Ion:244 Resp: 546706
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.2 10.3 15.5



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.36 ng
 RT: 16.46 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

Tgt Ion:276 Resp: 374
 Ion Ratio Lower Upper
 276 100
 138 228.6 27.8 41.6#
 277 0.0 20.2 30.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	19.3	17.2	25.8

