

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096611.D
 Acq On : 10 Jul 2017 19:58
 Operator : SJ/JU
 Sample : I4104-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:11:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

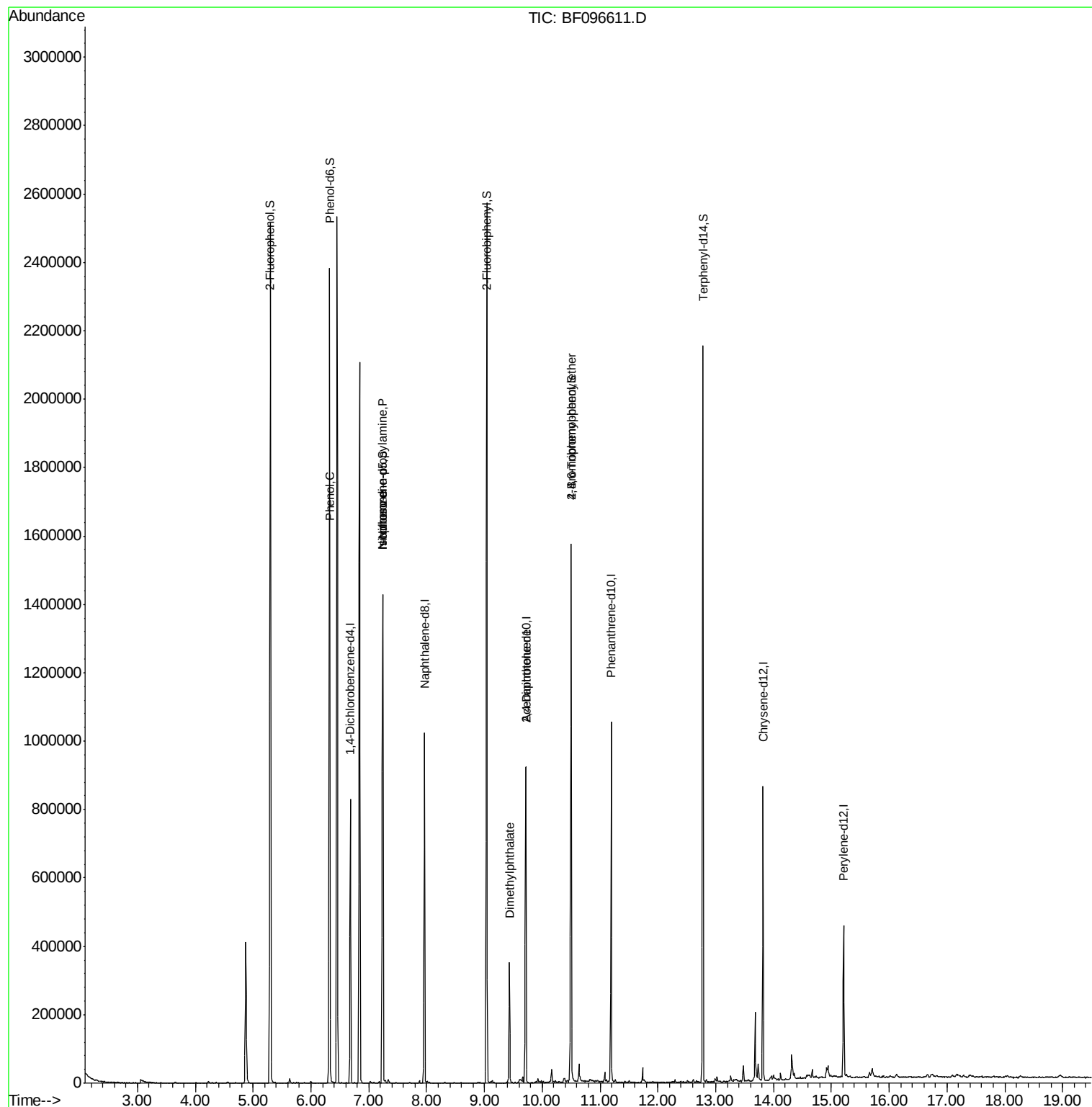
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	114946	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	469683	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	207963	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	368253	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	287357	20.00	ng	-0.03
86) Perylene-d12	15.22	264	195212	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	710436	91.22	ng	-0.01
7) Phenol-d6	6.32	99	864202	90.26	ng	-0.02
23) Nitrobenzene-d5	7.24	82	514207	65.79	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	189044	116.37	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	934198	76.81	ng	-0.02
78) Terphenyl-d14	12.78	244	744307	55.35	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	24638	2.26	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.24	70	67218	11.79	ng	# 88
25) Isophorone	7.24	82	510897	33.71	ng	# 67
49) Dimethylphthalate	9.43	163	135013	8.70	ng	99
56) 2,4-Dinitrotoluene	9.71	165	25790	5.93	ng	# 32
66) 4-Bromophenyl-phenylether	10.50	248	11978	3.34	ng	# 1

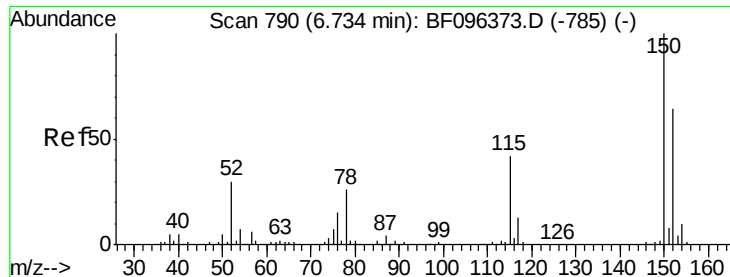
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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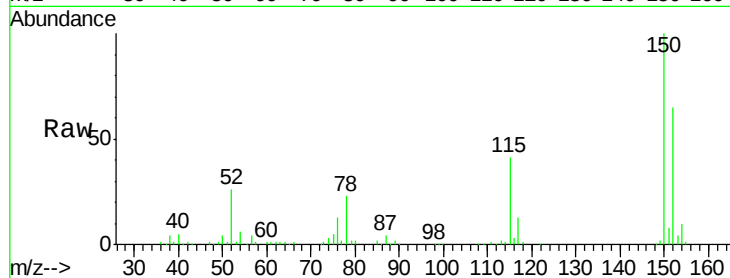


#1

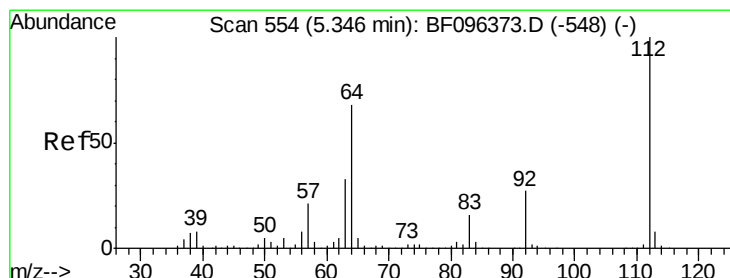
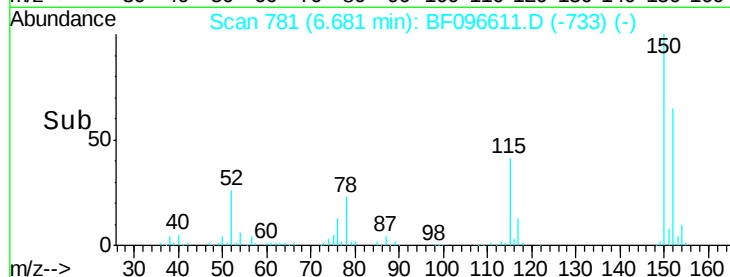
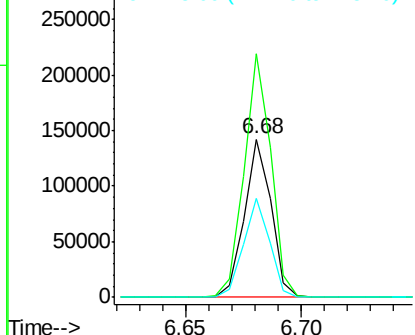
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096611.D
Acq: 10 Jul 2017 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114946
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 63.0 52.2 78.2



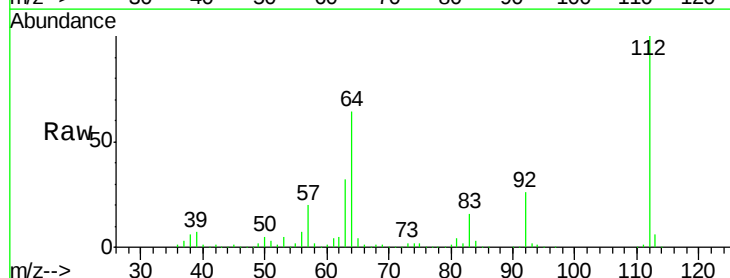
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



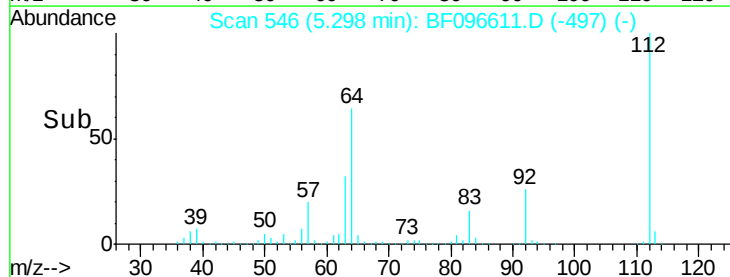
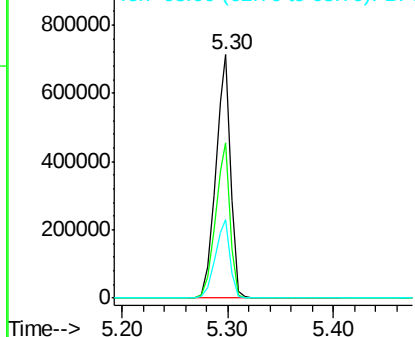
#5

2-Fluorophenol
Concen: 91.22 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096611.D
Acq: 10 Jul 2017 19:58

Tgt Ion:112 Resp: 710436
Ion Ratio Lower Upper
112 100
64 63.6 46.0 69.0
63 32.0 23.4 35.0



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: 90.26 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096611.D

Acq: 10 Jul 2017 19:58

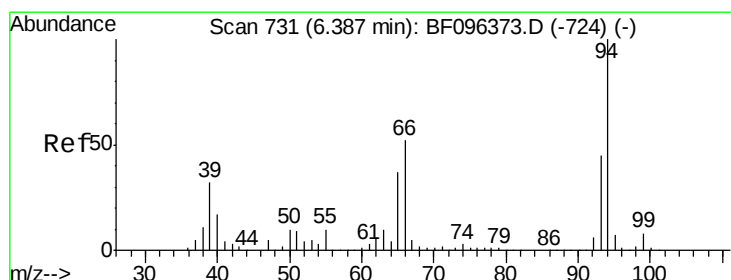
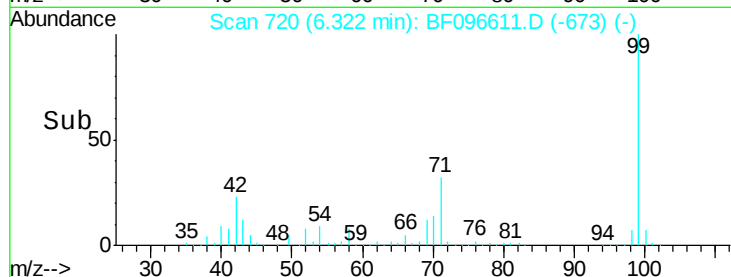
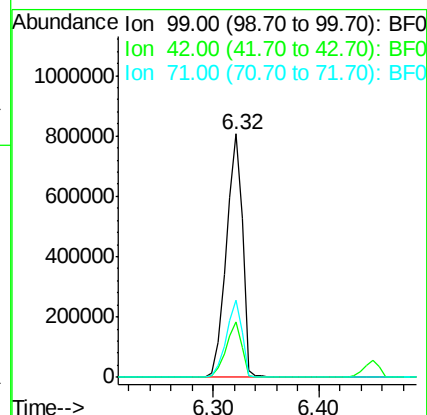
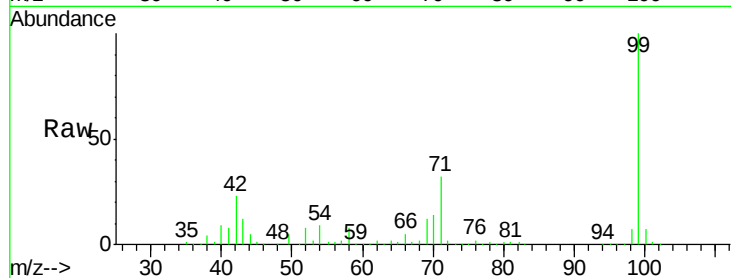
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 864202

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.0	24.5	36.7



#10

Phenol

Concen: 2.26 ng

RT: 6.33 min Scan# 722

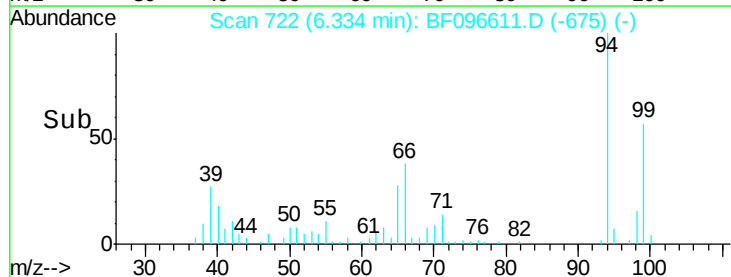
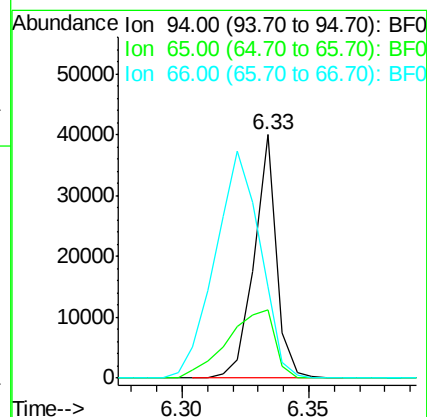
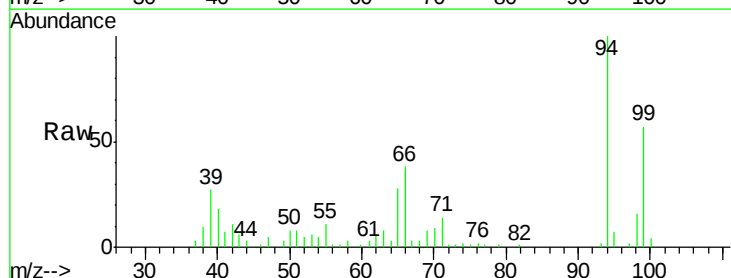
Delta R.T. -0.02 min

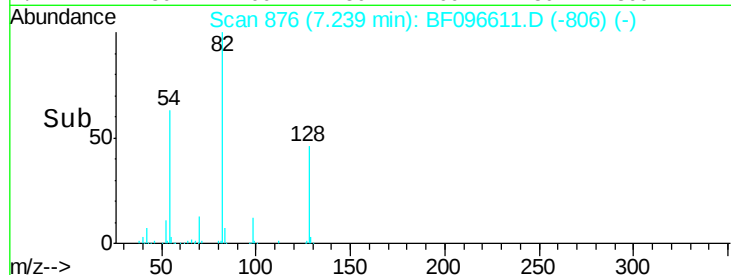
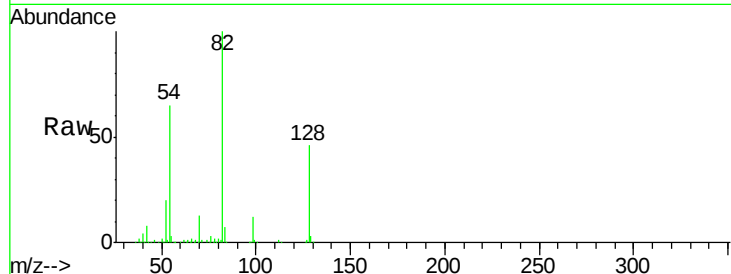
Lab File: BF096611.D

Acq: 10 Jul 2017 19:58

Tgt Ion: 94 Resp: 24638

Ion	Ratio	Lower	Upper
94	100		
65	27.9	9.9	49.9
66	37.5	23.1	63.1

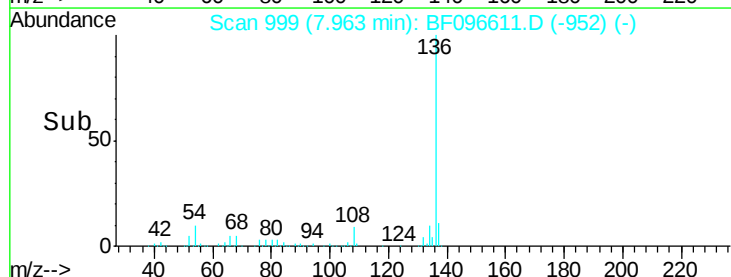
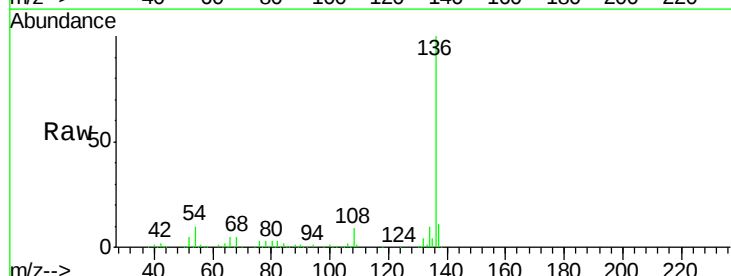
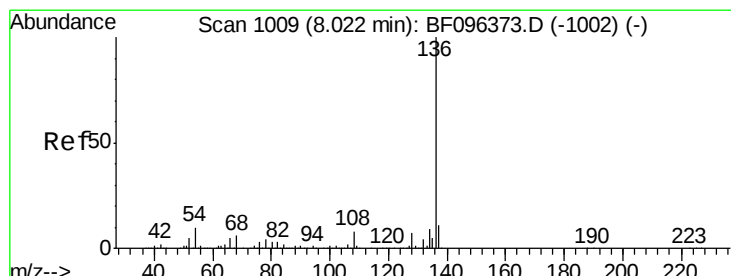
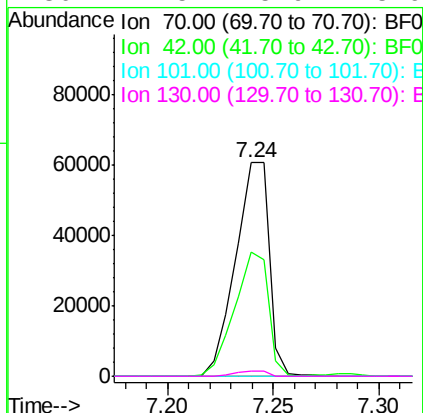




#19
n-Nitroso-di-n-propylamine
Concen: 11.79 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.11 min
Lab File: BF096611.D
Acq: 10 Jul 2017 19:58

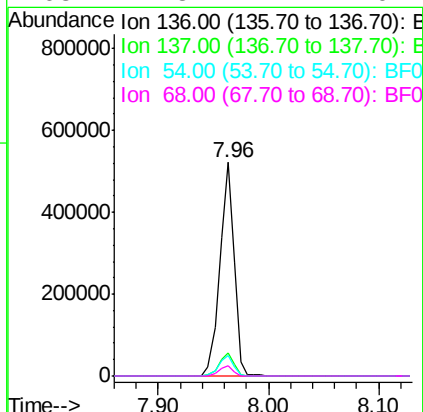
Instrument :
BNA_F
ClientSampled :

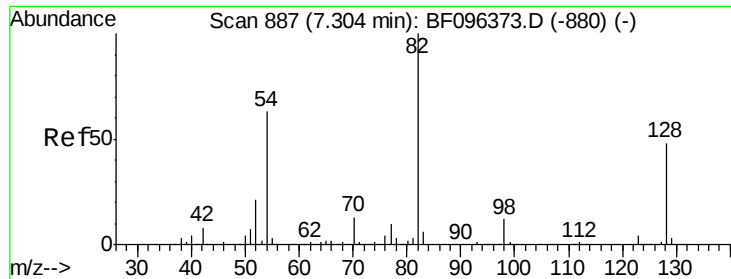
Tot Ion:	70	Resp:	67218
Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096611.D
Acq: 10 Jul 2017 19:58

Tgt Ion:	136	Resp:	469683
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.8	4.9	7.3#
68	4.8	4.1	6.1

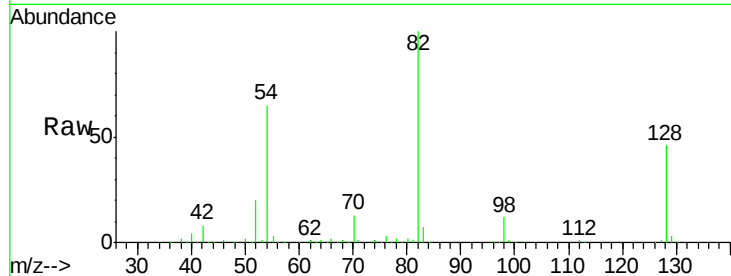




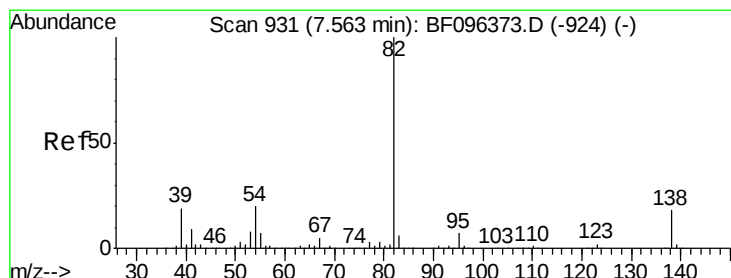
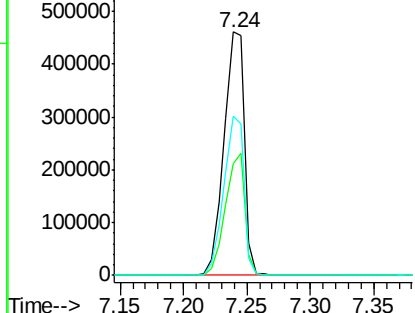
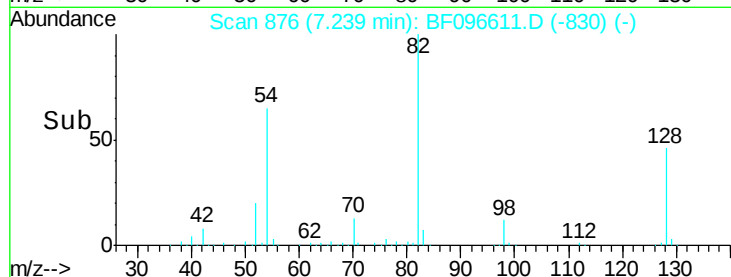
#23
 Nitrobenzene-d5
 Concen: 65.79 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.03 min
 Lab File: BF096611.D
 Acq: 10 Jul 2017 19:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 514207
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 65.1 42.2 63.2#

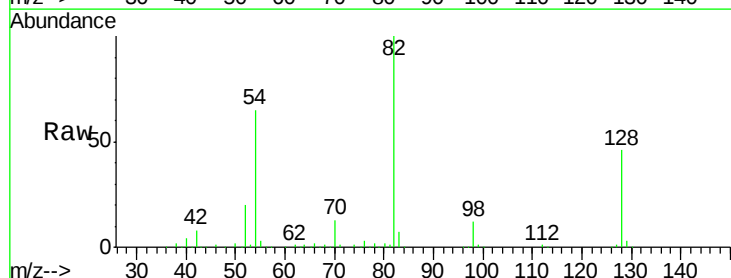


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

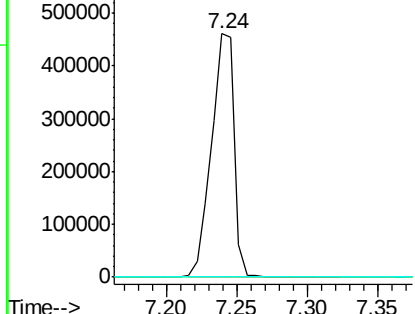
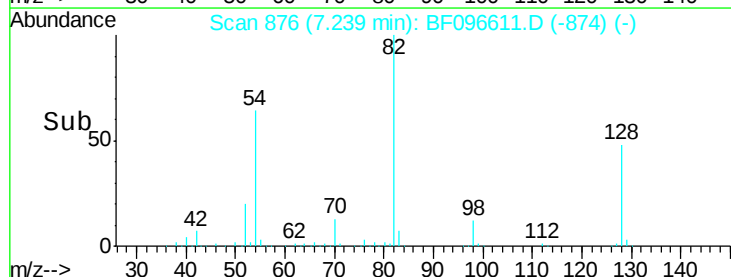


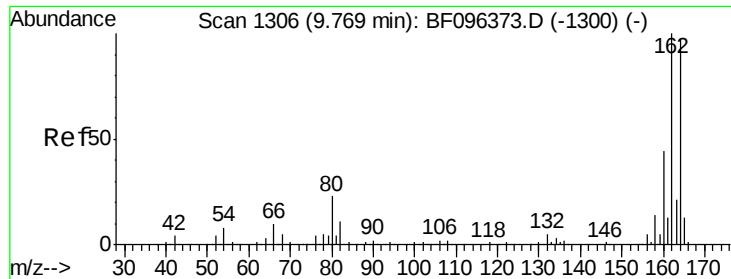
#25
 Isophorone
 Concen: 33.71 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.29 min
 Lab File: BF096611.D
 Acq: 10 Jul 2017 19:58

Tgt Ion: 82 Resp: 510897
 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

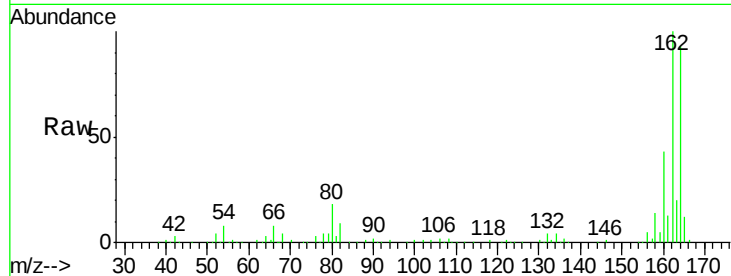




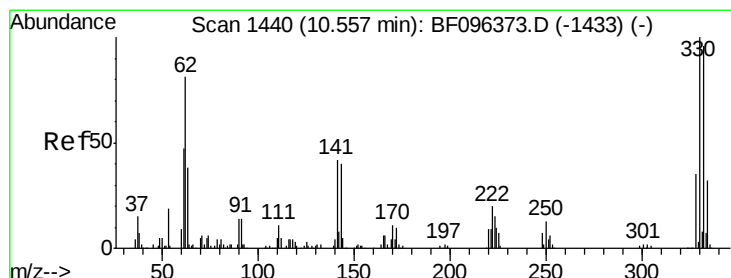
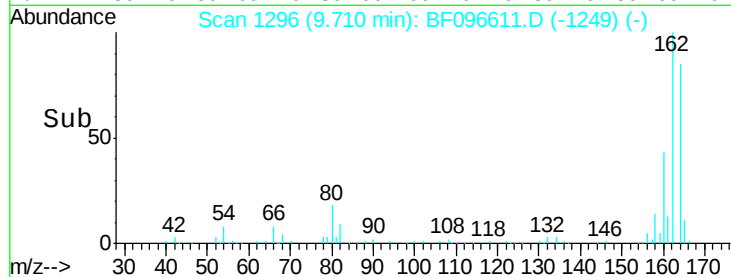
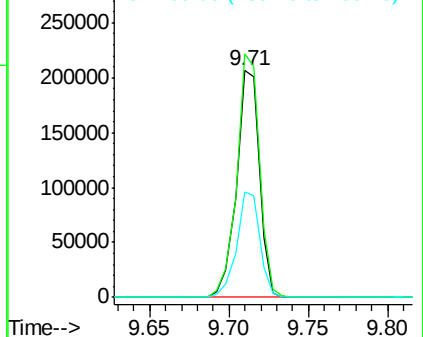
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096611.D
Acq: 10 Jul 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 207963
Ion Ratio Lower Upper
164 100
162 107.3 82.6 123.8
160 46.2 36.2 54.2

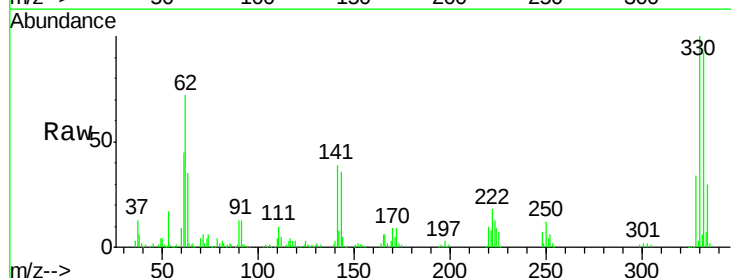


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

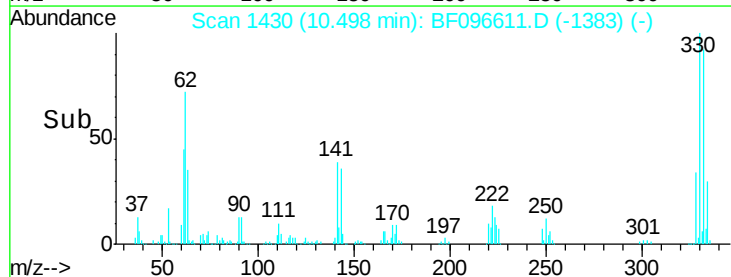
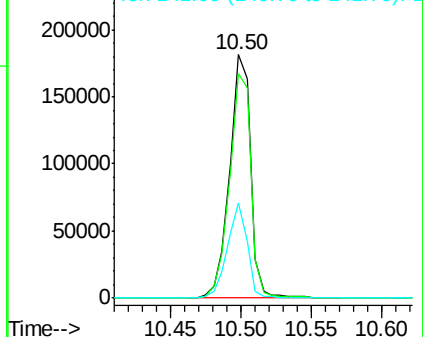


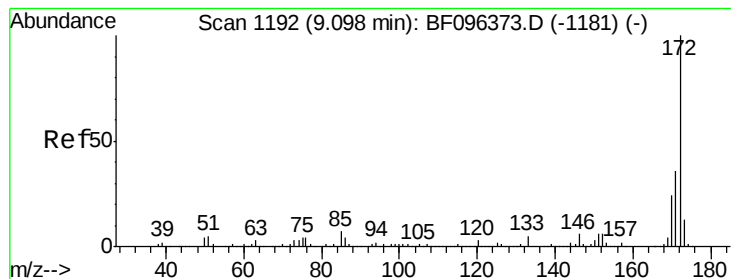
#41
2,4,6-Tribromophenol
Concen: 116.37 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096611.D
Acq: 10 Jul 2017 19:58

Tgt Ion:330 Resp: 189044
Ion Ratio Lower Upper
330 100
332 94.4 76.6 115.0
141 36.9 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: 76.81 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BF096611.D

Acq: 10 Jul 2017 19:58

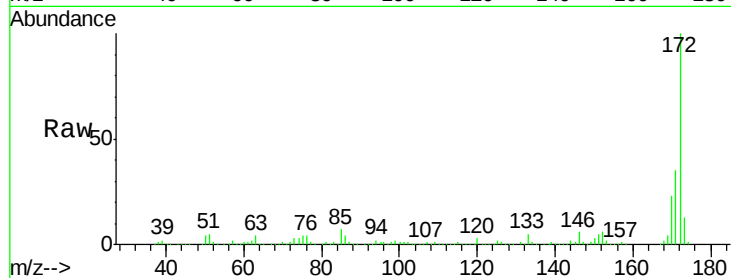
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 934198

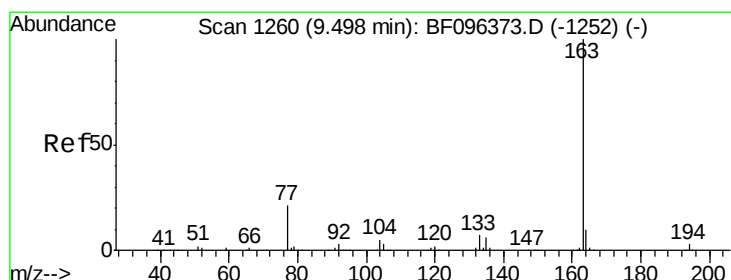
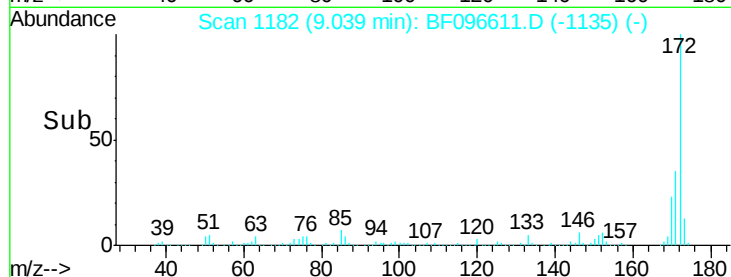
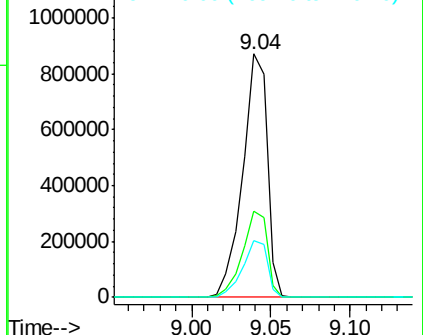
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.3	19.8	29.8



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: 8.70 ng

RT: 9.43 min Scan# 1249

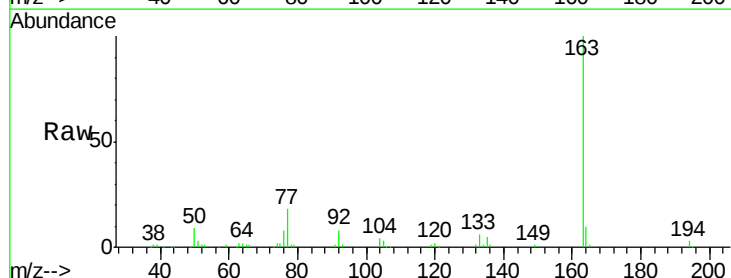
Delta R.T. -0.04 min

Lab File: BF096611.D

Acq: 10 Jul 2017 19:58

Tgt Ion:163 Resp: 135013

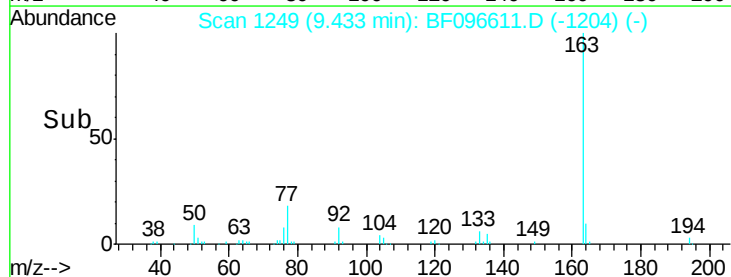
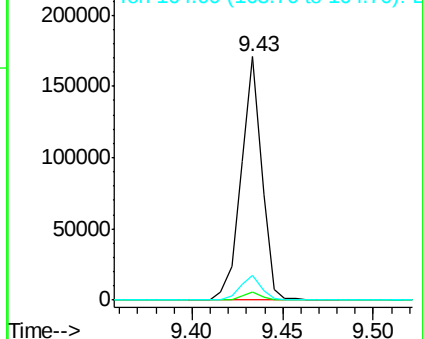
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.4	12.6

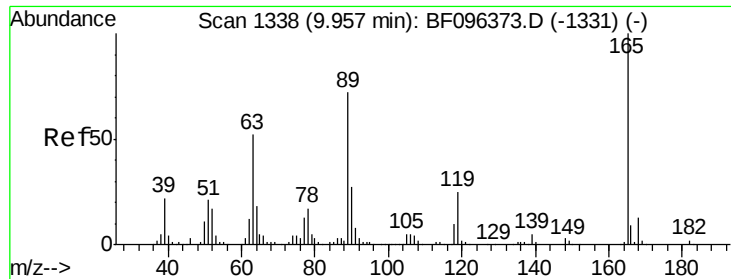


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

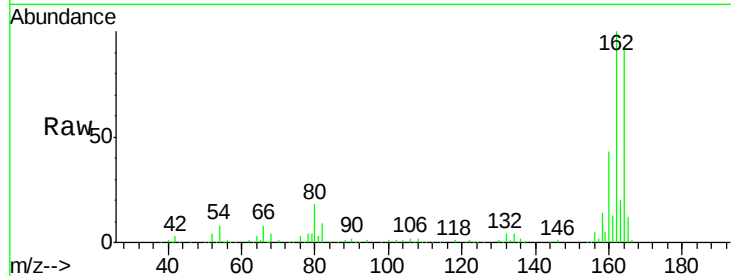




#56
 2,4-Dinitrotoluene
 Concen: 5.93 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF096611.D
 Acq: 10 Jul 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

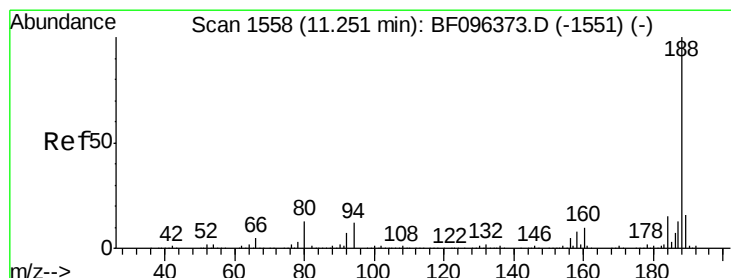
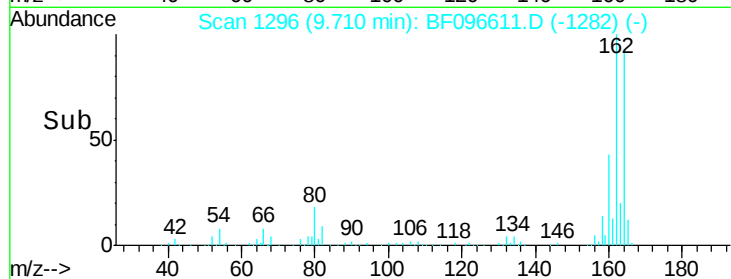
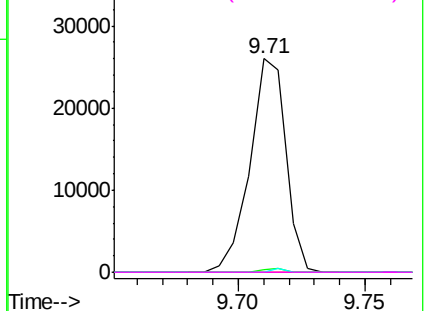


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

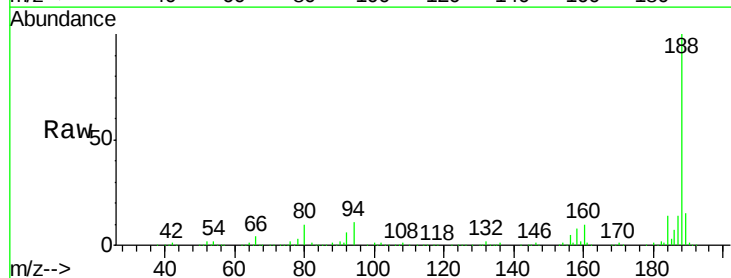
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096611.D
 Acq: 10 Jul 2017 19:58

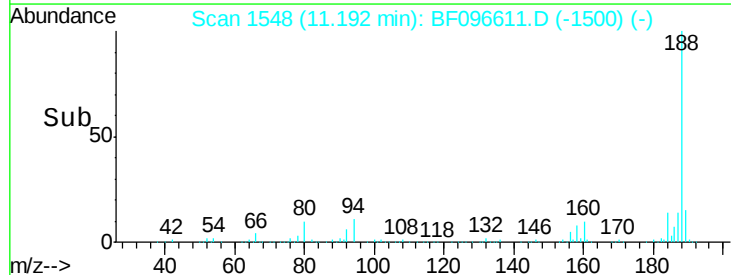
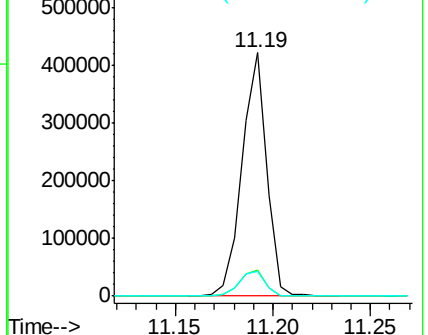
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.3	10.2	15.2

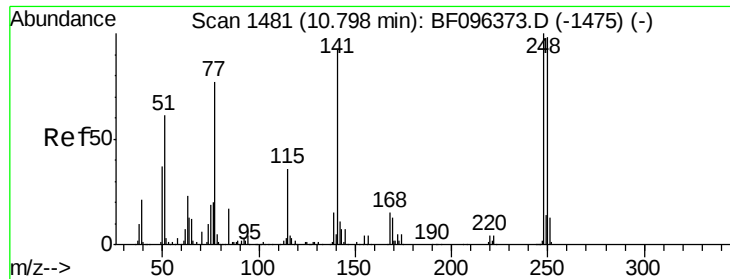


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

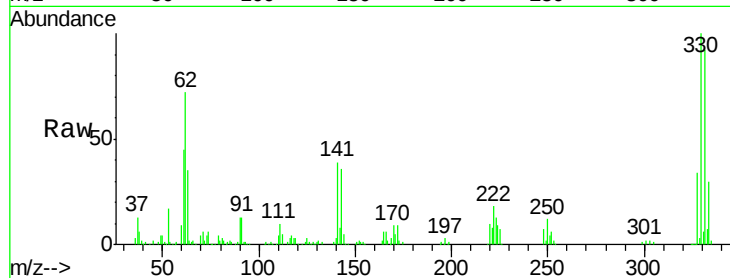




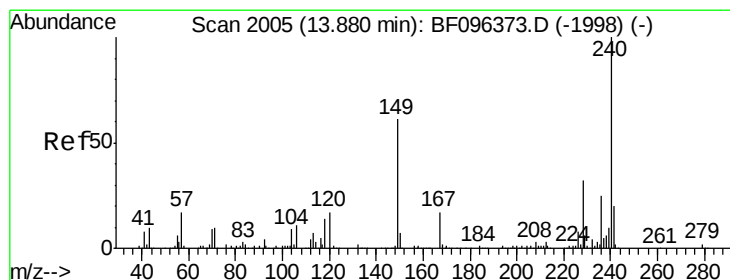
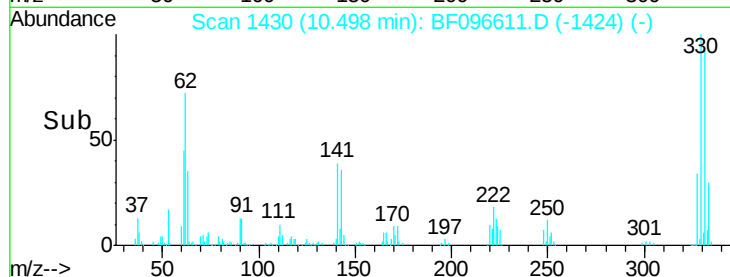
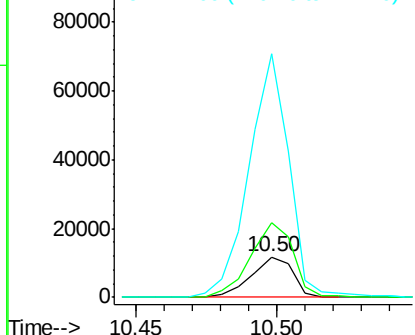
#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096611.D
Acq: 10 Jul 2017 19:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11978
Ion Ratio Lower Upper
248 100
250 185.2 76.8 115.2#
141 599.1 68.6 103.0#

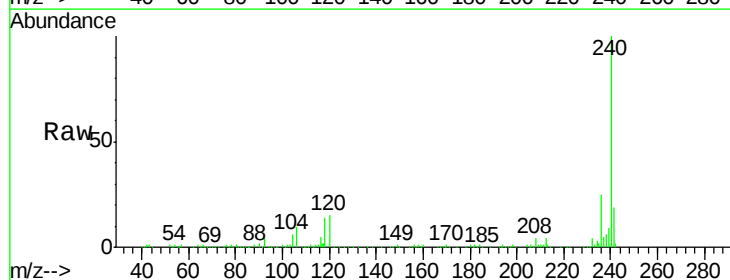


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

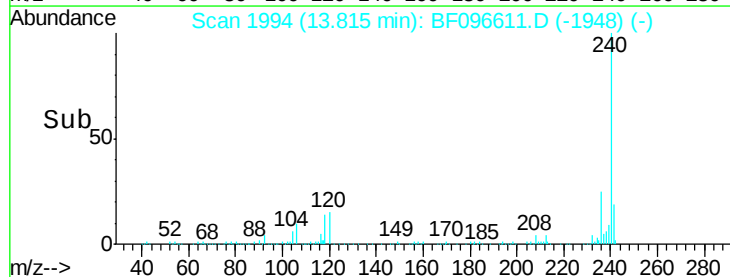
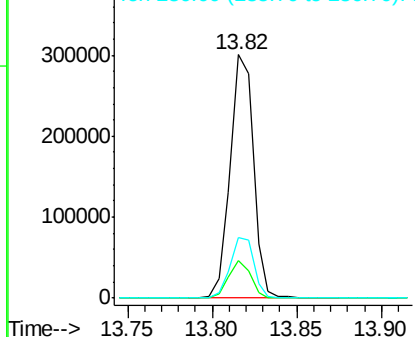


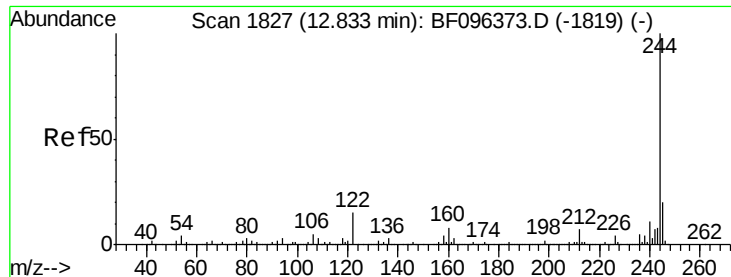
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096611.D
Acq: 10 Jul 2017 19:58

Tgt Ion:240 Resp: 287357
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 24.9 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

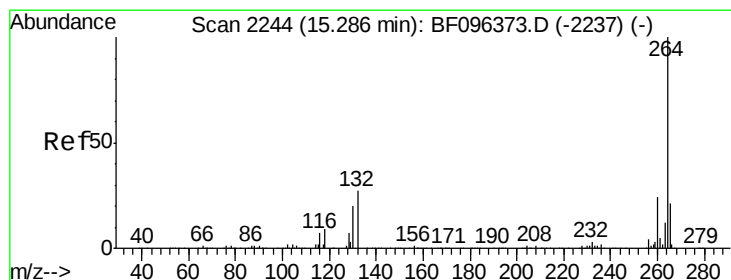
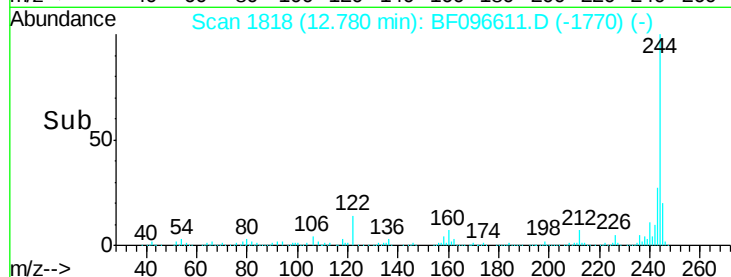
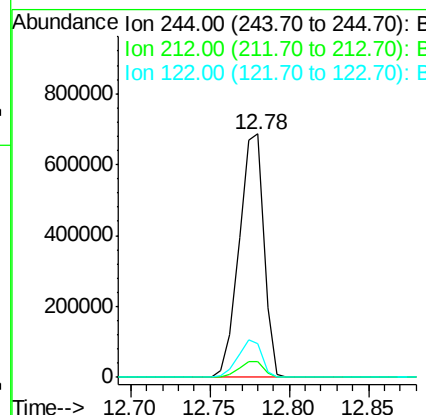
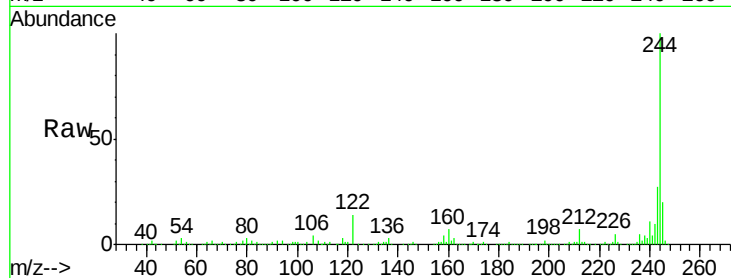




#78
 Terphenyl-d14
 Concen: 55.35 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096611.D
 Acq: 10 Jul 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 744307
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.03 min
 Lab File: BF096611.D
 Acq: 10 Jul 2017 19:58

Tgt Ion:264 Resp: 195212
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.8 17.2 25.8

