

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096601.D
 Acq On : 10 Jul 2017 15:18
 Operator : SJ/JU
 Sample : I4061-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:08:50 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

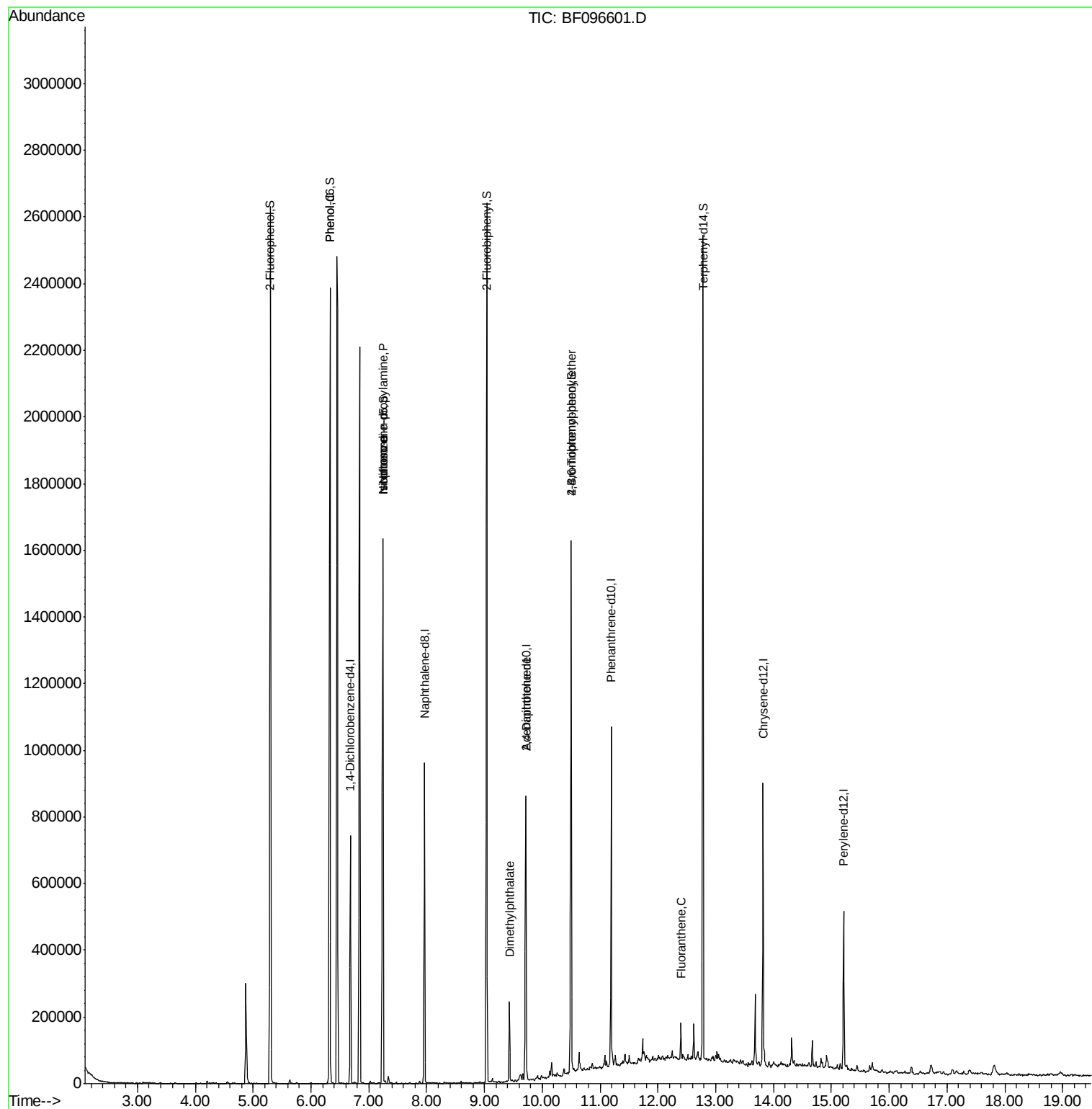
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101361	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	425851	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	191279	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	345951	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	287773	20.00	ng	-0.02
86) Perylene-d12	15.22	264	197279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	750361	109.26	ng	-0.01
7) Phenol-d6	6.33	99	917821	108.71	ng	-0.02
23) Nitrobenzene-d5	7.25	82	537003	75.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	203891	136.46	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	973958	87.06	ng	-0.02
78) Terphenyl-d14	12.78	244	841608	62.49	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.33	94	28398	2.95	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	71511	14.22	ng	# 88
25) Isophorone	7.25	82	536455	39.04	ng	# 67
49) Dimethylphthalate	9.43	163	88523	6.20	ng	97
56) 2,4-Dinitrotoluene	9.71	165	24945	6.24	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	13033	3.87	ng	# 1
74) Fluoranthene	12.40	202	37923	2.07	ng	99

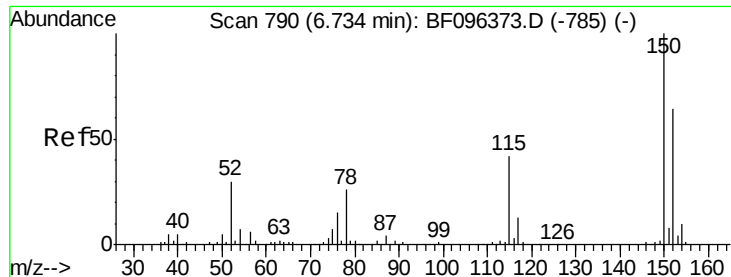
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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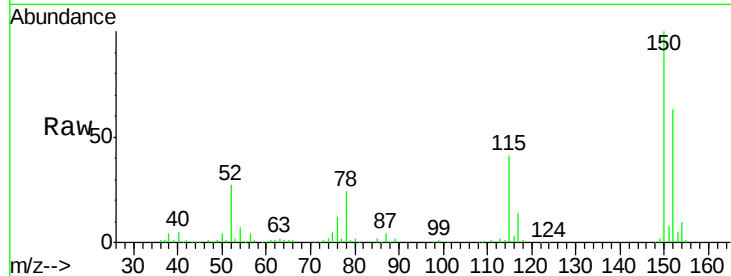


#1

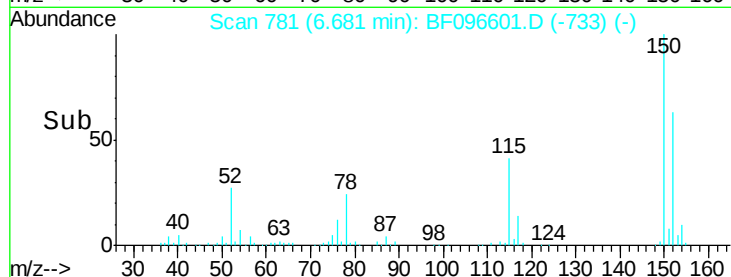
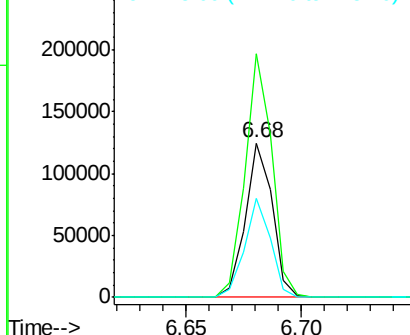
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101361
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 64.5 52.2 78.2



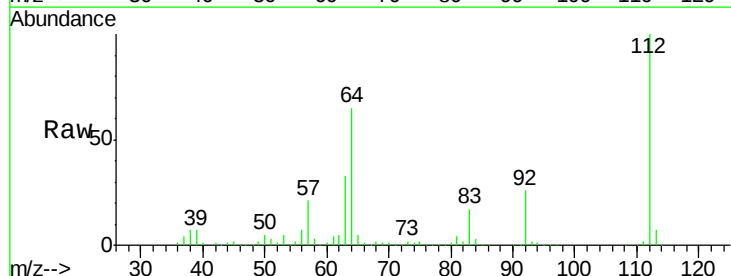
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



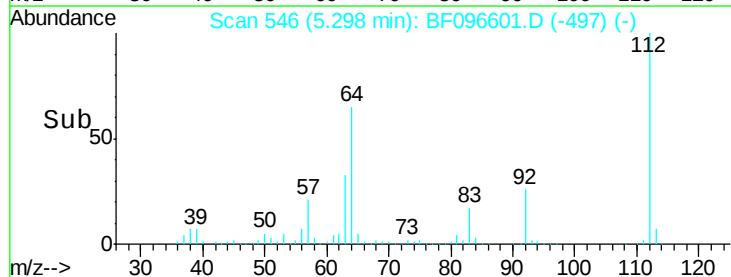
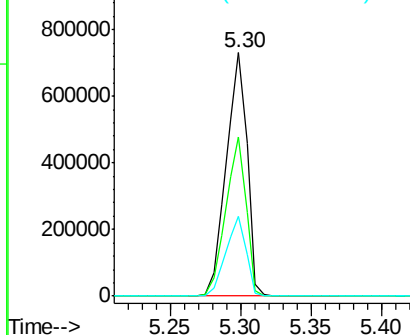
#5

2-Fluorophenol
Concen: 109.26 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Tgt Ion:112 Resp: 750361
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 32.6 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: 108.71 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

Instrument :

BNA_F

ClientSampleId :

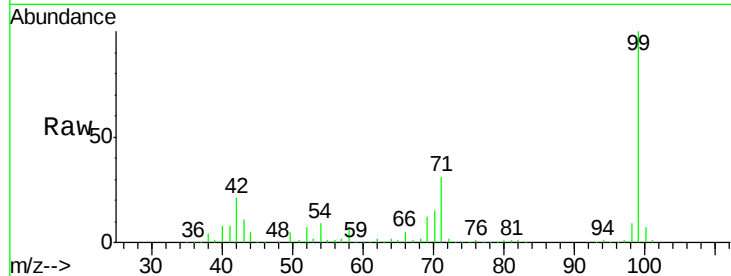
Tot Ion: 99 Resp: 917821

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

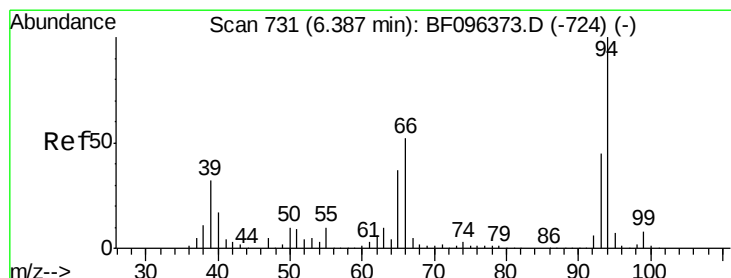
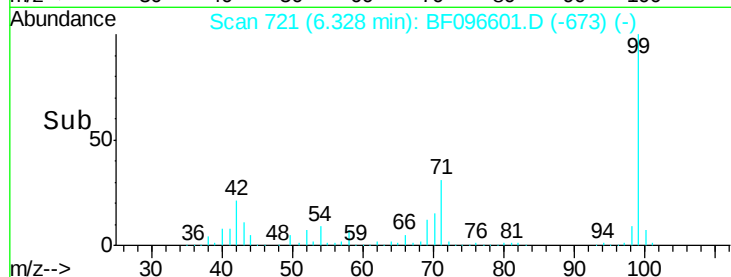
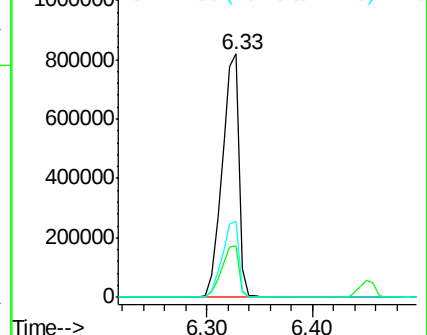
71 31.2 24.5 36.7



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: 2.95 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

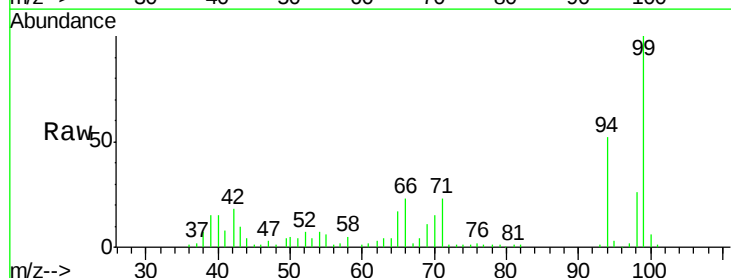
Tgt Ion: 94 Resp: 28398

Ion Ratio Lower Upper

94 100

65 32.6 9.9 49.9

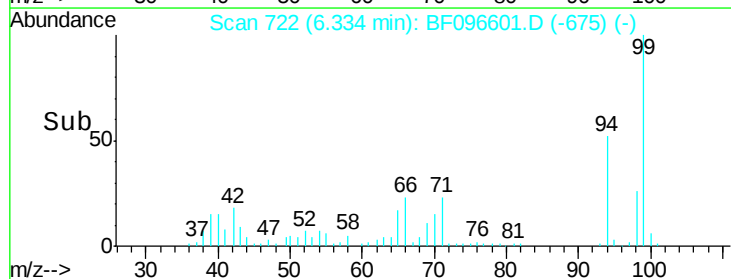
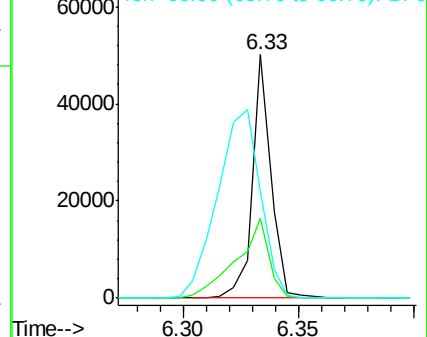
66 43.7 23.1 63.1

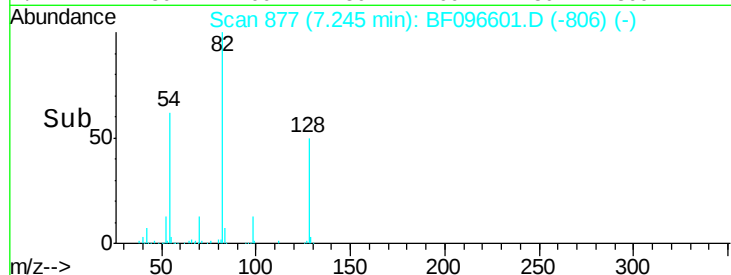
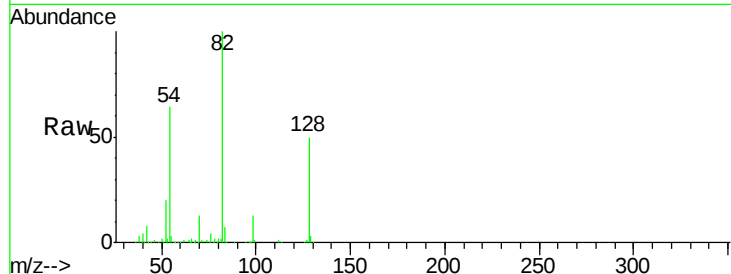


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

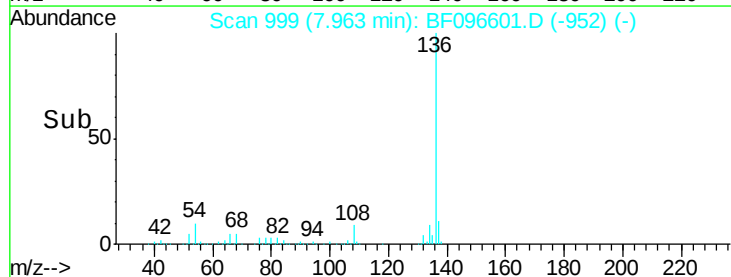
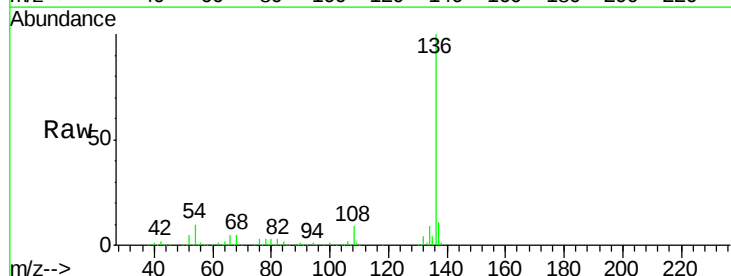
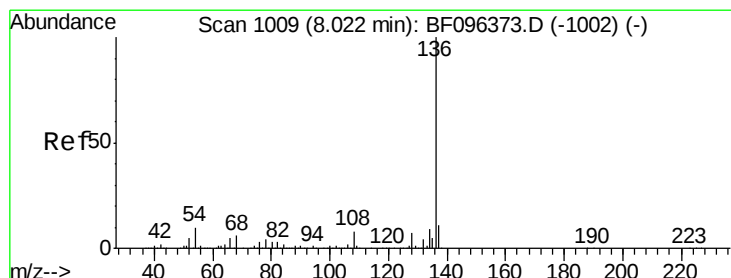
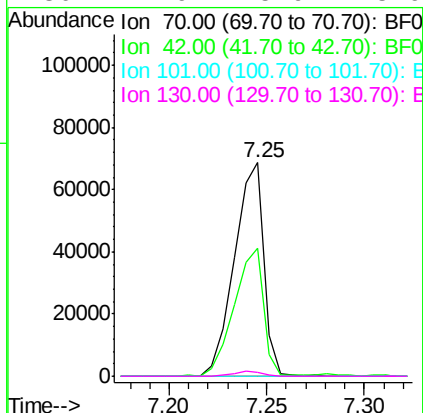




#19
n-Nitroso-di-n-propylamine
Concen: 14.22 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

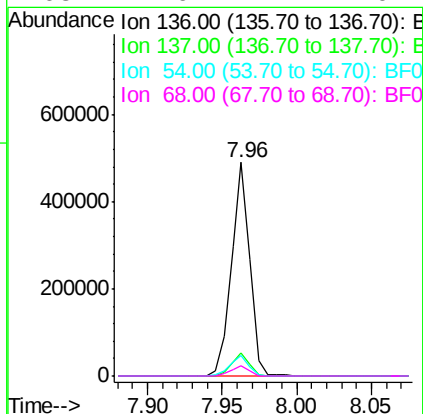
Instrument :
BNA_F
ClientSampleId :

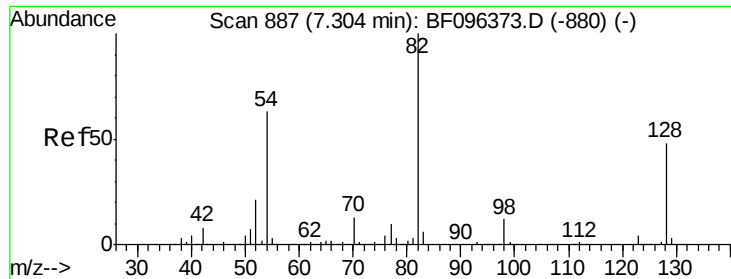
Tot Ion:	70	Resp:	71511
Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Tgt Ion:	136	Resp:	425851
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.7	4.9	7.3#
68	4.6	4.1	6.1

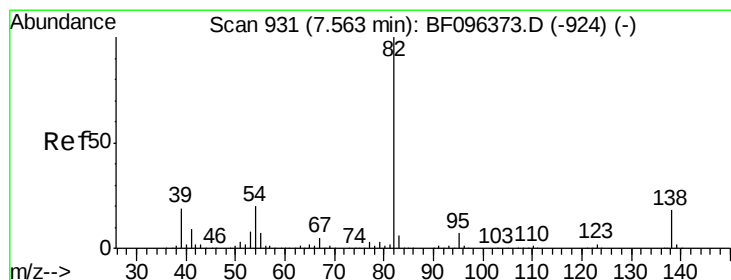
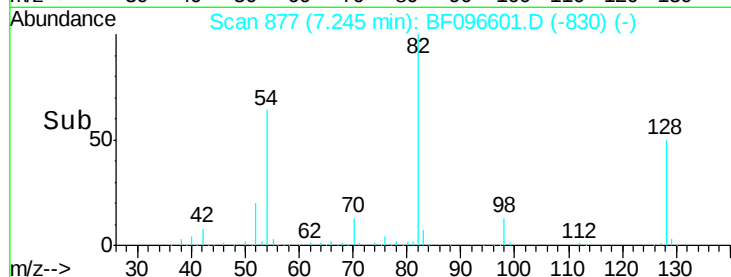
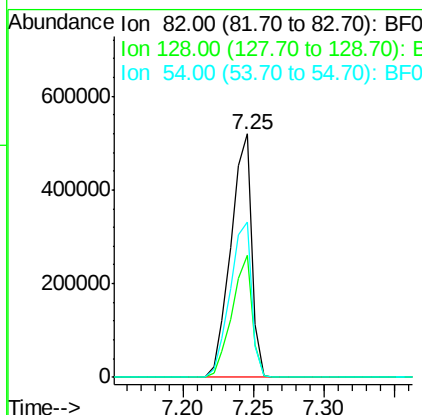
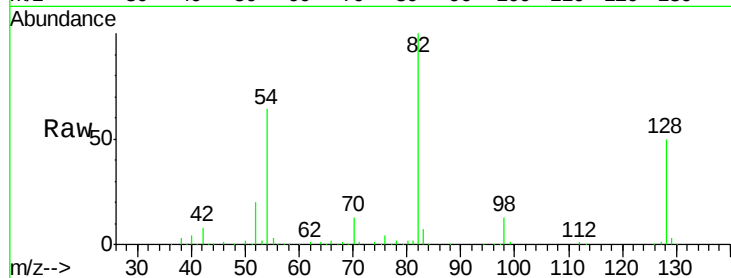




#23
Nitrobenzene-d5
Concen: 75.78 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

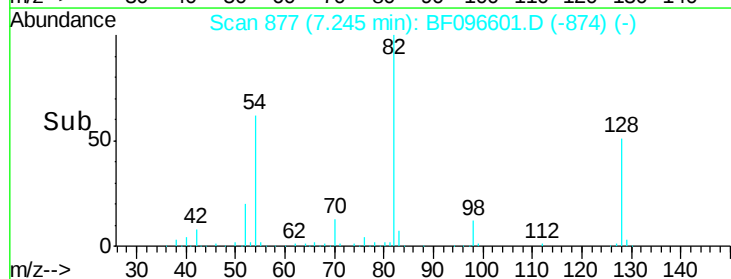
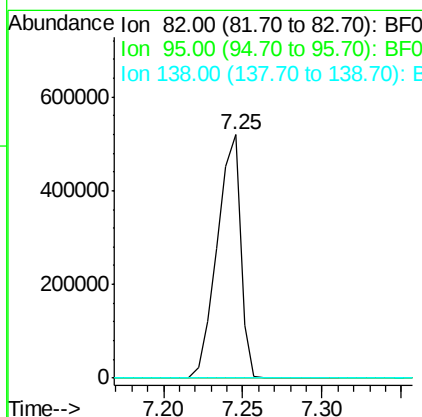
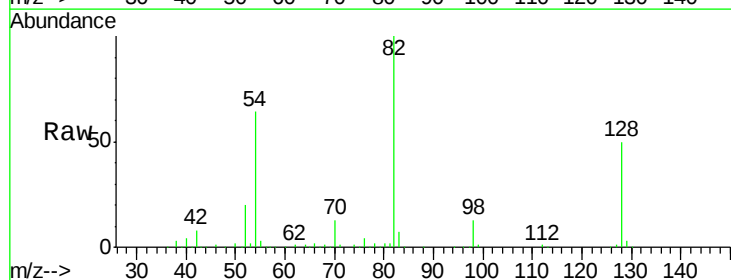
Instrument :
BNA_F
ClientSampleId :

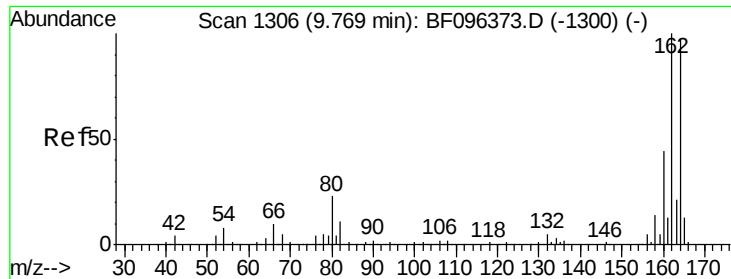
Tot Ion: 82 Resp: 537003
Ion Ratio Lower Upper
82 100
128 49.9 34.0 51.0
54 63.9 42.2 63.2#



#25
Isophorone
Concen: 39.04 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Tgt Ion: 82 Resp: 536455
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

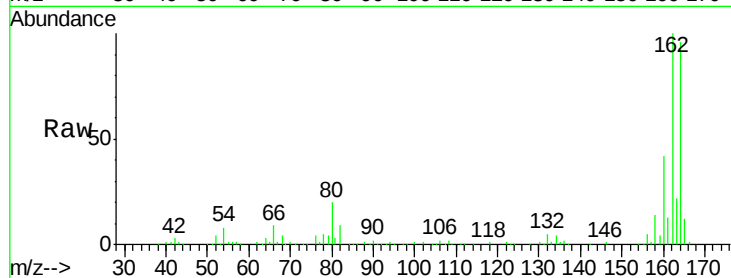




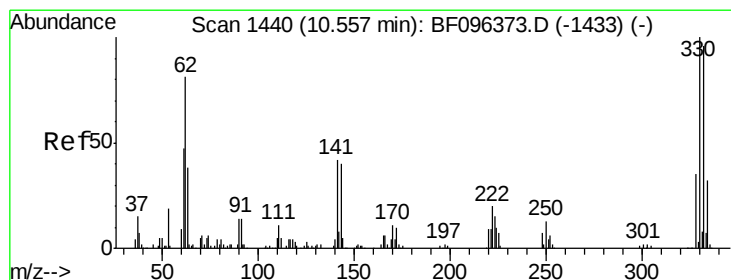
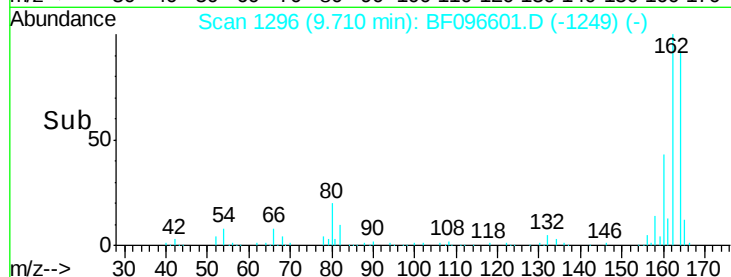
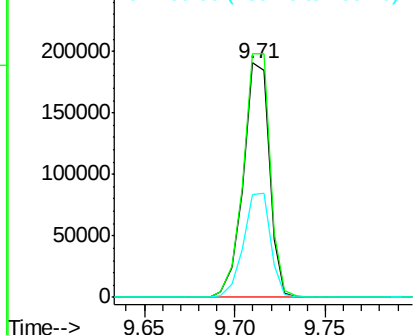
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF096601.D
 Acq: 10 Jul 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 191279
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 43.9 36.2 54.2

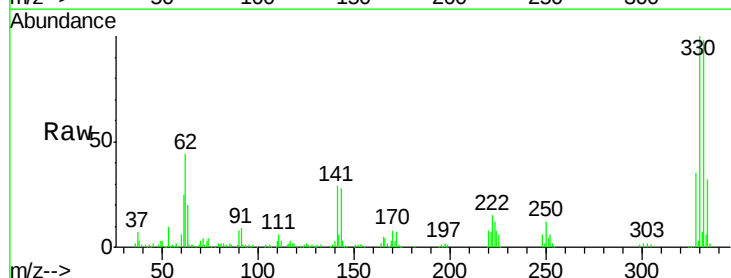


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

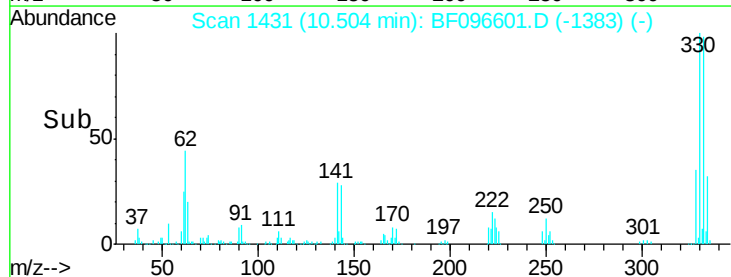
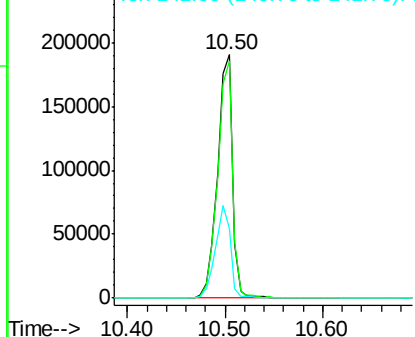


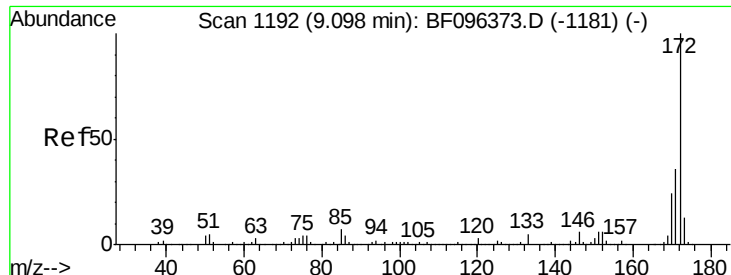
#41
 2,4,6-Tribromophenol
 Concen: 136.46 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096601.D
 Acq: 10 Jul 2017 15:18

Tgt Ion:330 Resp: 203891
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 37.9 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

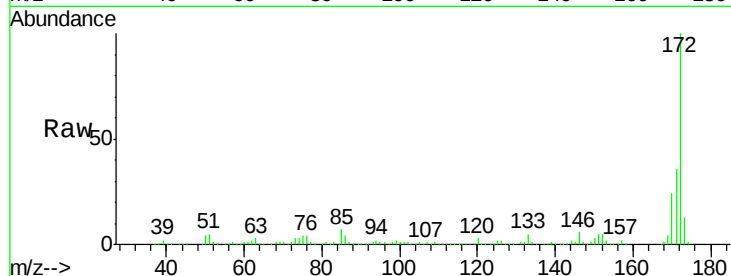




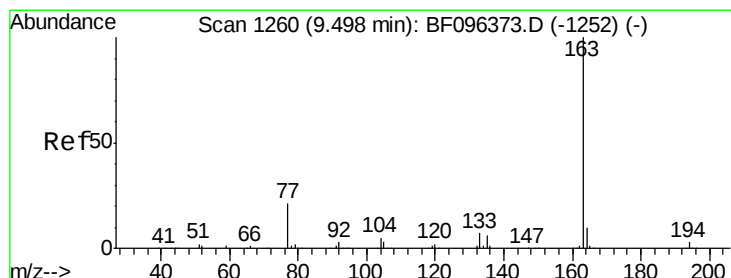
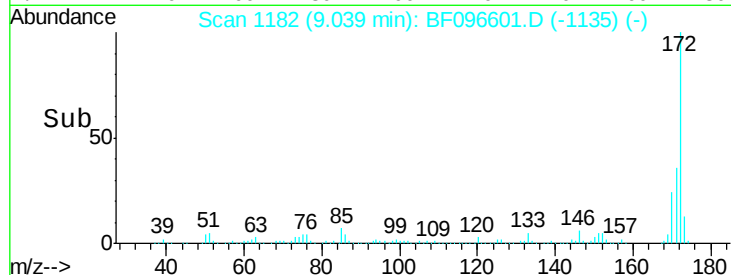
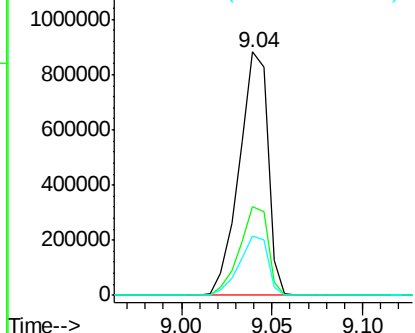
#44
2-Fluorobiphenyl
Concen: 87.06 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 973958
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.4 19.8 29.8

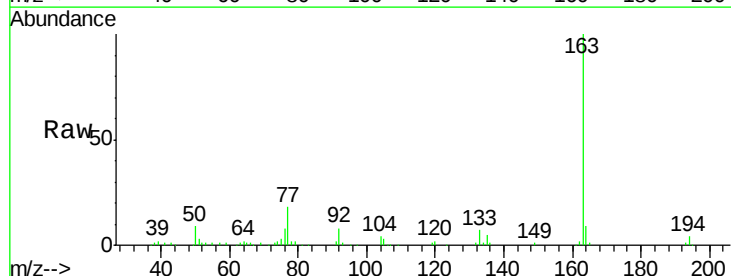


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

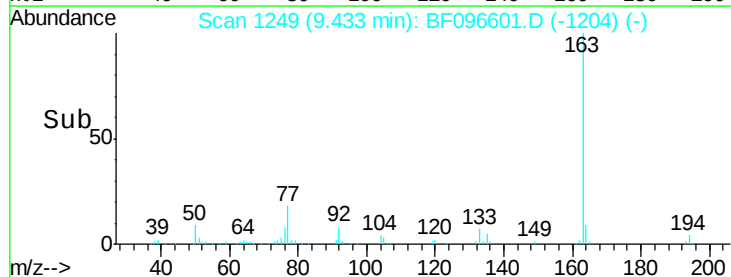
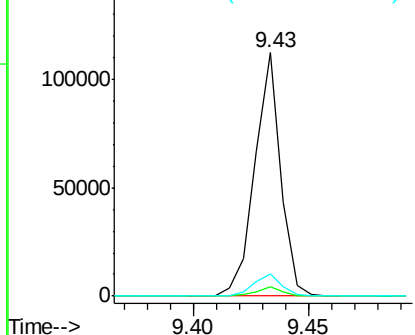


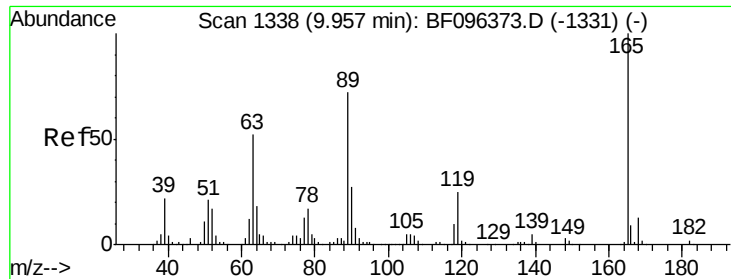
#49
Dimethylphthalate
Concen: 6.20 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Tgt Ion:163 Resp: 88523
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.4 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

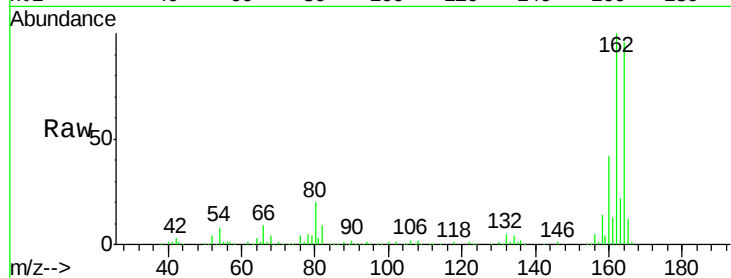




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF096601.D
 Acq: 10 Jul 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	24945
Ion Ratio	Lower	Upper
165	100	
63	1.4	25.4 38.0#
89	1.4	46.4 69.6#
182	0.0	1.8 2.6#

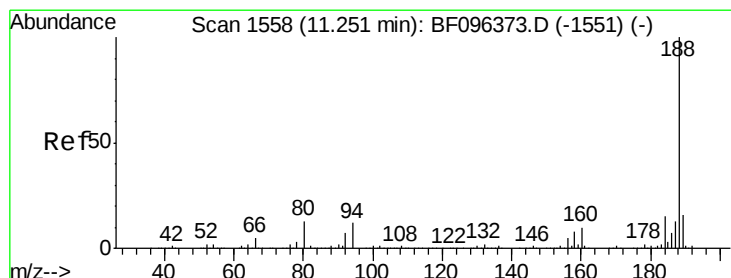
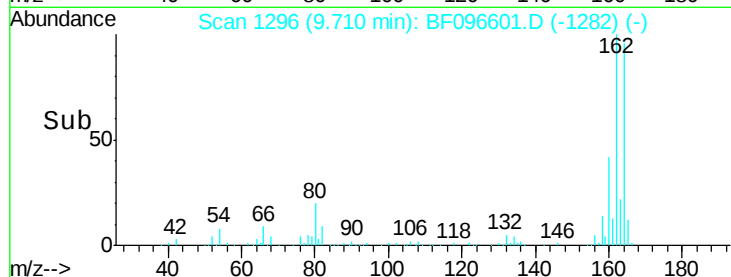
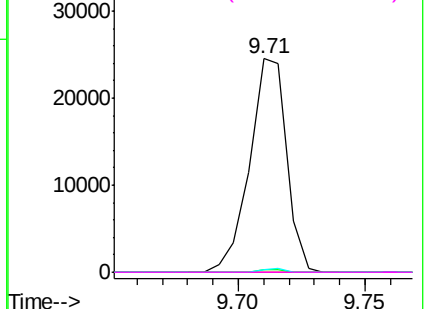


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

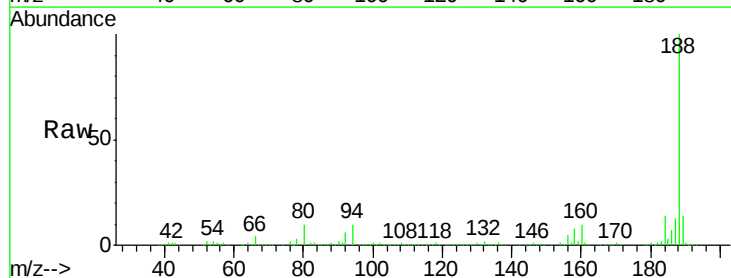
Ion 89.00 (88.70 to 89.70): BF0

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: BF096601.D
 Acq: 10 Jul 2017 15:18

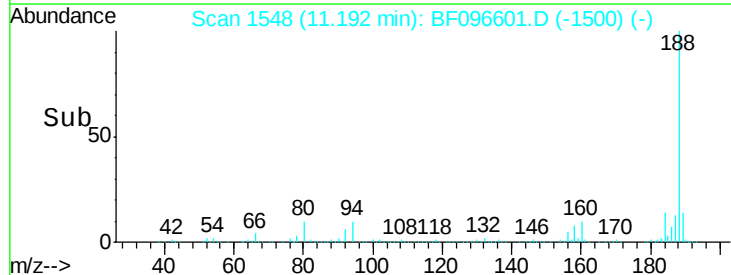
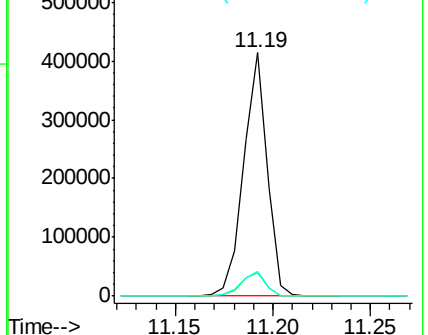
Tgt Ion:188	Resp:	345951
Ion Ratio	Lower	Upper
188	100	
94	9.8	9.4 14.2
80	10.0	10.2 15.2#

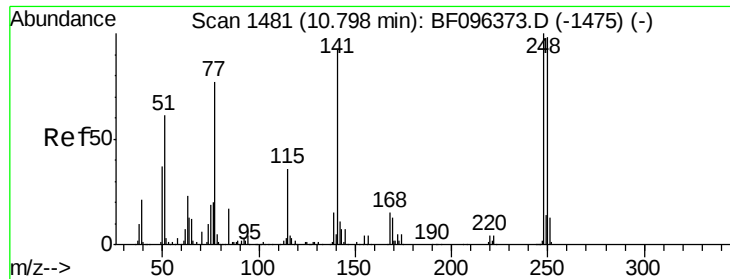


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

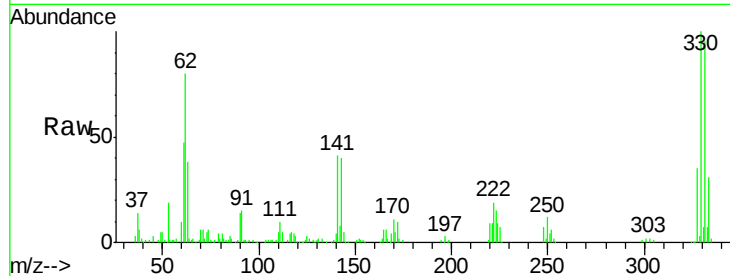




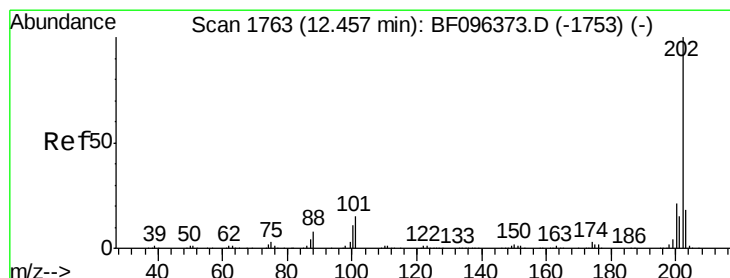
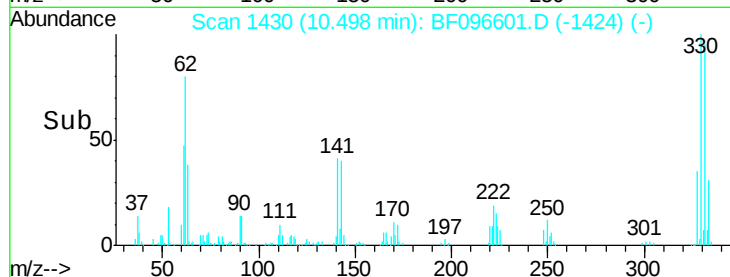
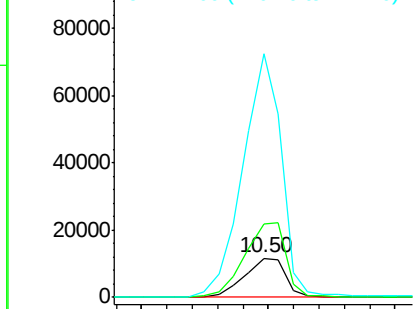
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13033
Ion Ratio Lower Upper
248 100
250 187.9 76.8 115.2#
141 621.4 68.6 103.0#

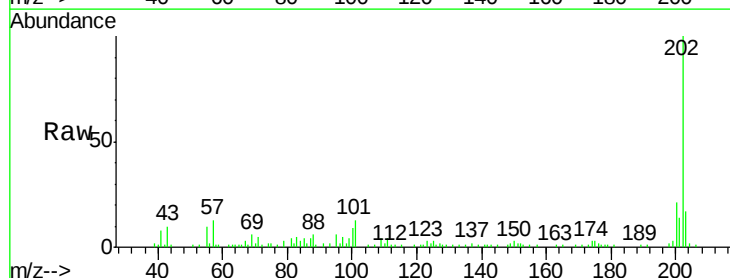


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

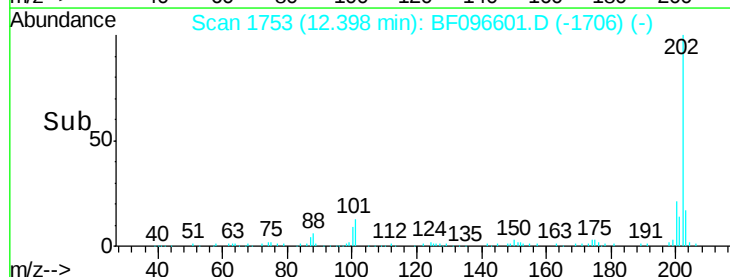
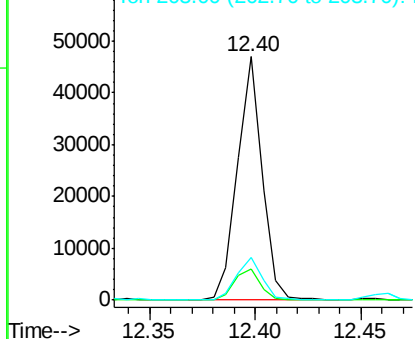


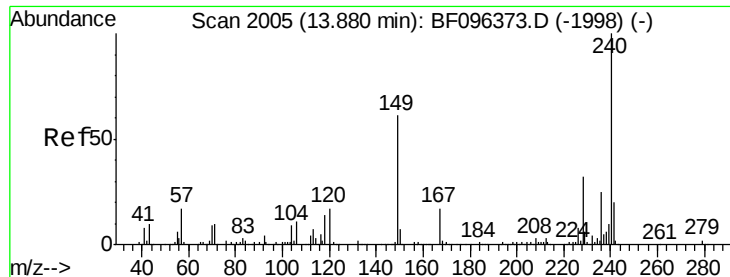
#74
Fluoranthene
Concen: 2.07 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Tgt Ion:202 Resp: 37923
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.2
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

Instrument :

BNA_F

ClientSampleId :

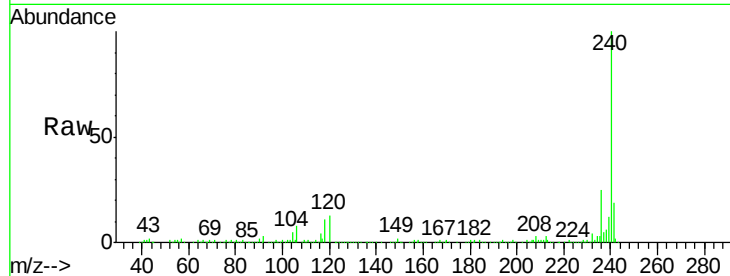
Tot Ion:240 Resp: 287773

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

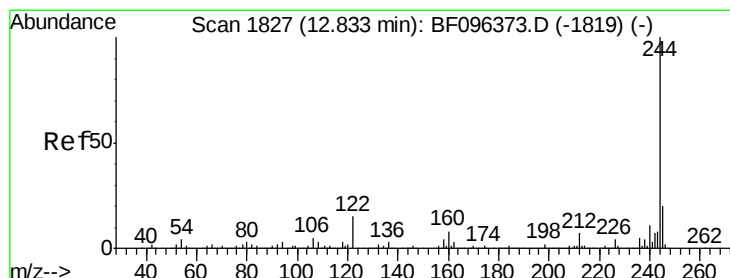
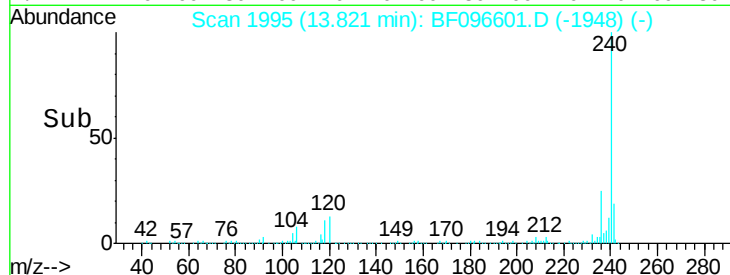
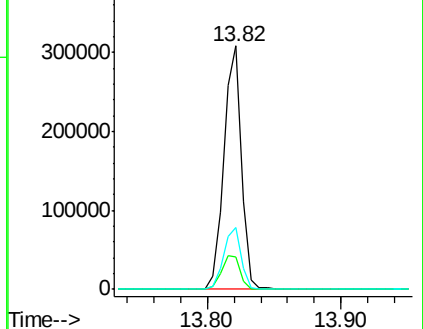
236 25.3 20.5 30.7



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: 62.49 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

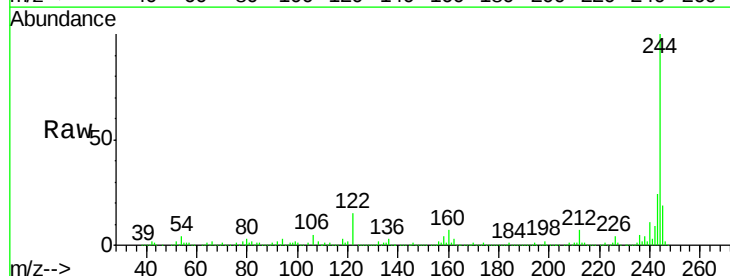
Tgt Ion:244 Resp: 841608

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

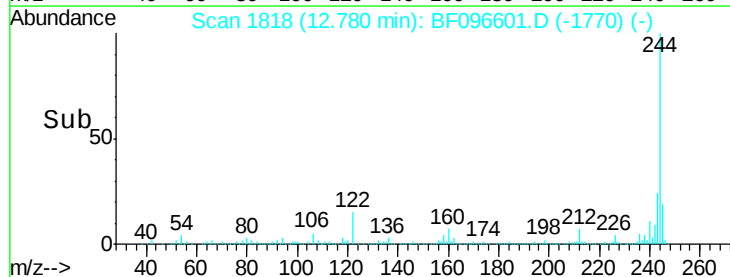
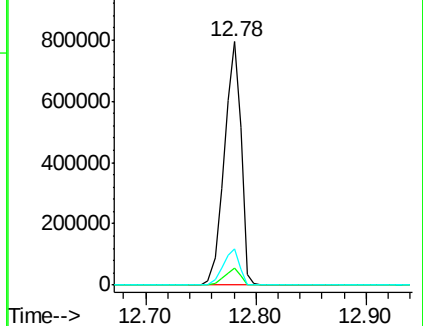
122 14.8 10.3 15.5

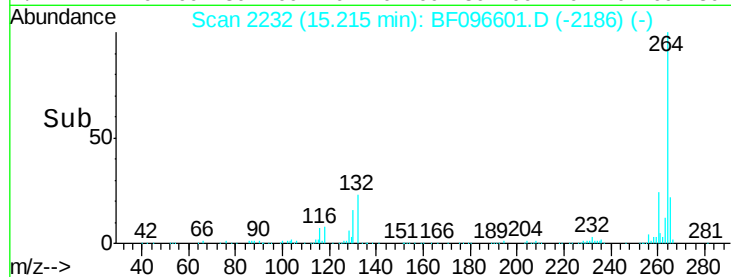
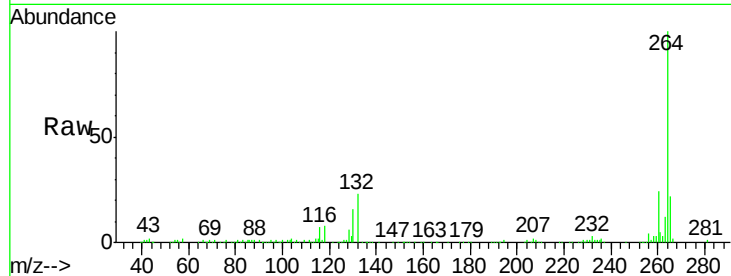
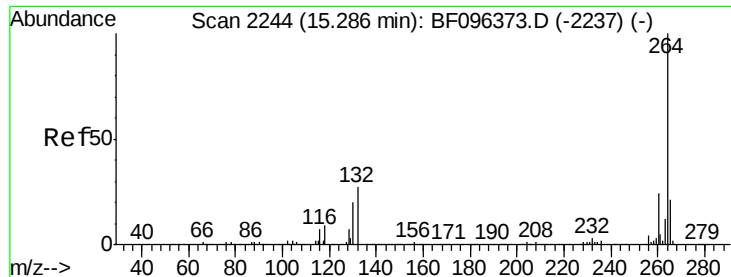


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.8	17.2	25.8

