

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096568.D
 Acq On : 7 Jul 2017 19:28
 Operator : SJ/MA
 Sample : I4069-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 23:12:01 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

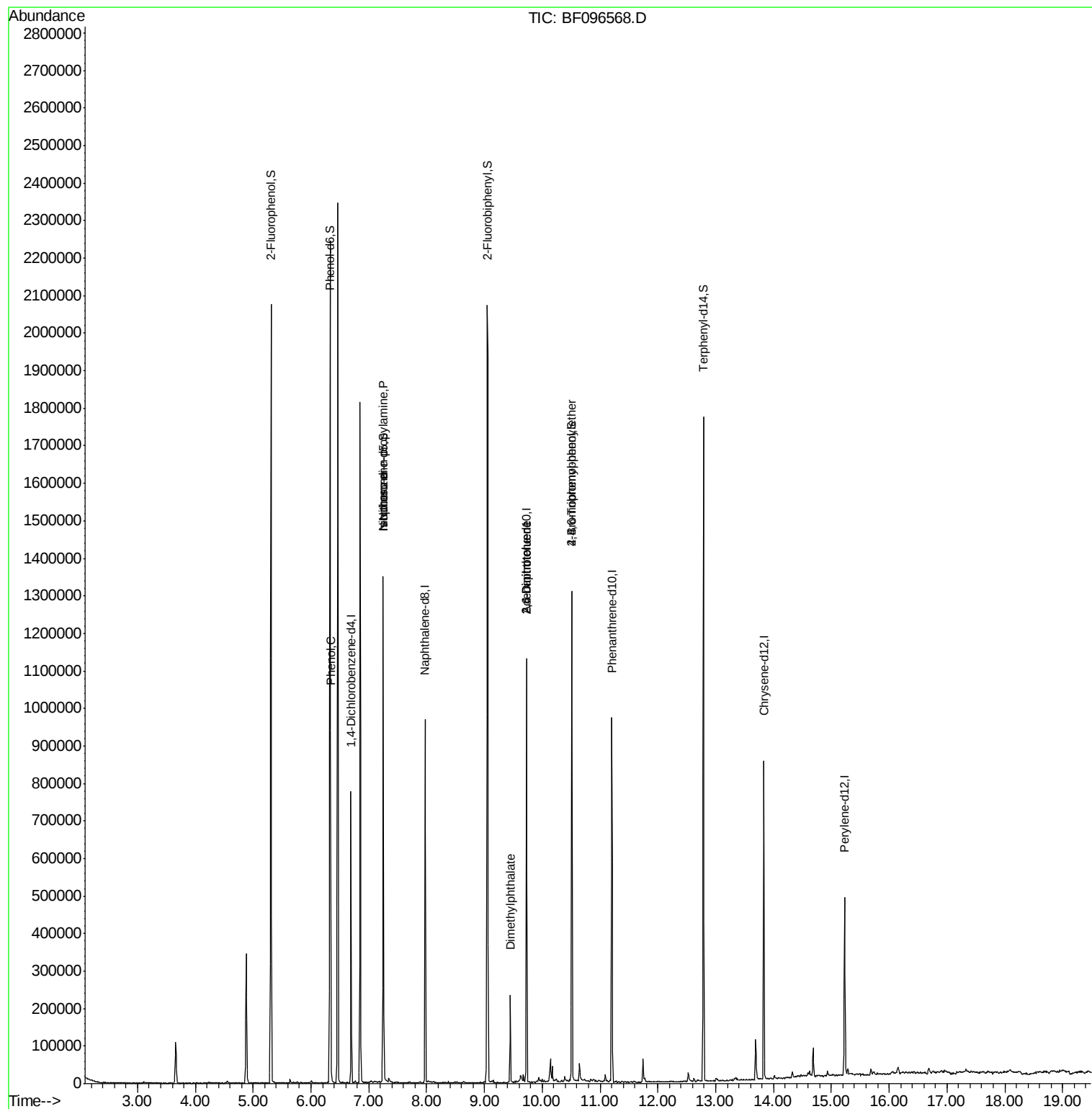
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	109878	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	419901	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	202401	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	325381	20.00	ng	0.00
75) Chrysene-d12	13.83	240	267932	20.00	ng	-0.01
86) Perylene-d12	15.23	264	190232	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	616365	82.80	ng	0.00
7) Phenol-d6	6.33	99	747969	81.73	ng	-0.01
23) Nitrobenzene-d5	7.25	82	437305	62.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	144811	91.59	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	697213	58.90	ng	-0.01
78) Terphenyl-d14	12.79	244	558776	44.56	ng	0.00
Target Compounds						
10) Phenol	6.35	94	22922	2.20	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.25	70	57222	10.50	ng	# 85
25) Isophorone	7.25	82	434408	32.06	ng	# 67
49) Dimethylphthalate	9.44	163	82523	5.46	ng	100
50) 2,6-Dinitrotoluene	9.73	165	25859	7.74	ng	# 33
56) 2,4-Dinitrotoluene	9.73	165	25859	6.11	ng	# 32
66) 4-Bromophenyl-phenylether	10.51	248	9137	2.88	ng	# 1

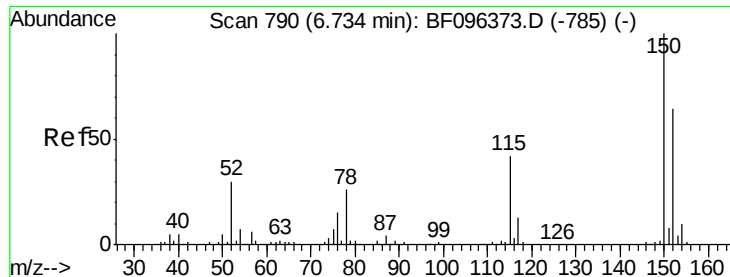
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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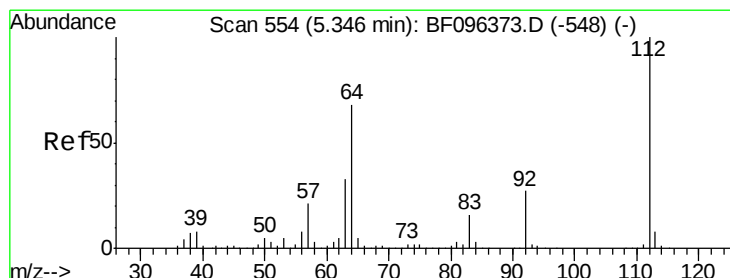
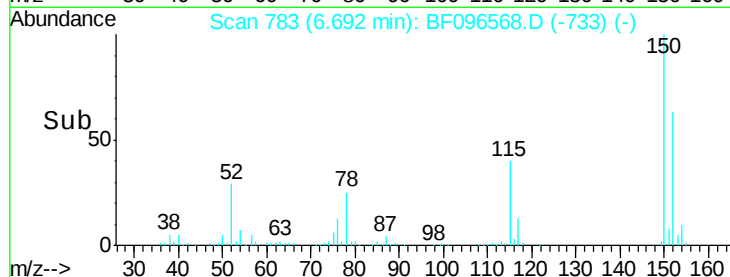
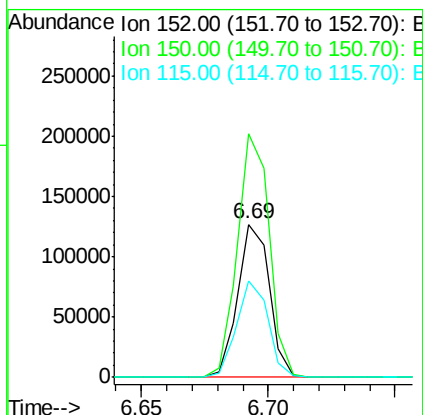
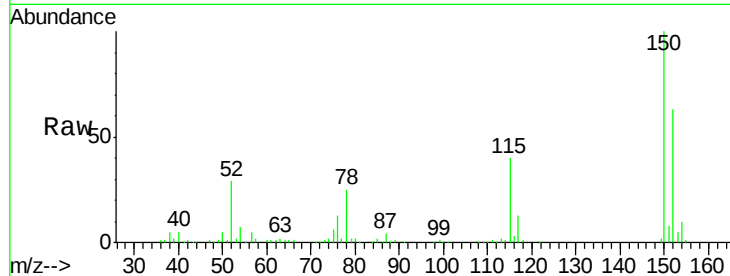


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

Instrument :
BNA_F
ClientSampled :

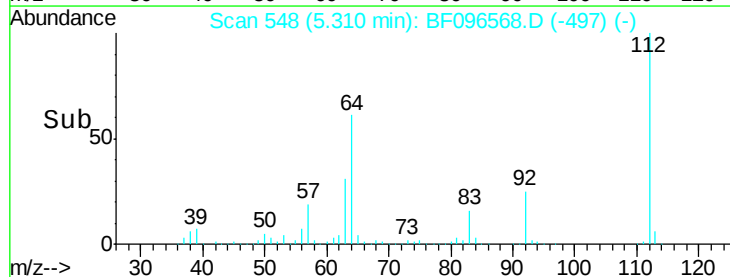
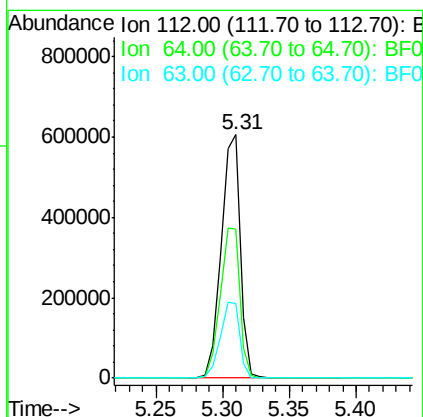
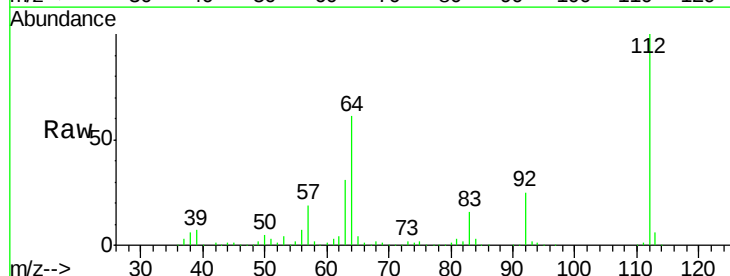
Tot Ion:152 Resp: 109878
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 63.0 52.2 78.2



#5

2-Fluorophenol
Concen: 82.80 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

Tgt Ion:112 Resp: 616365
Ion Ratio Lower Upper
112 100
64 61.3 46.0 69.0
63 30.6 23.4 35.0





#7

Phenol-d6

Concen: 81.73 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096568.D

Acq: 7 Jul 2017 19:28

Instrument :

BNA_F

ClientSampled :

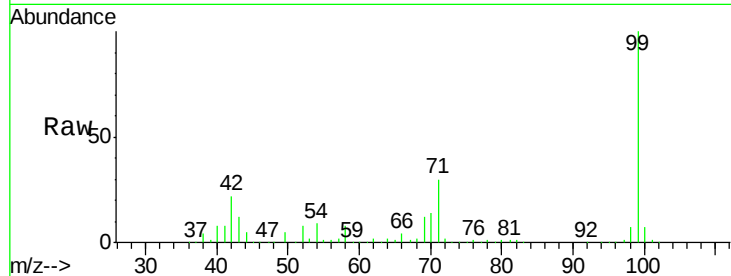
Tot Ion: 99 Resp: 747969

Ion Ratio Lower Upper

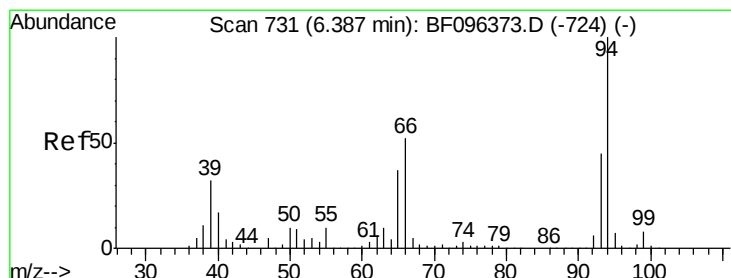
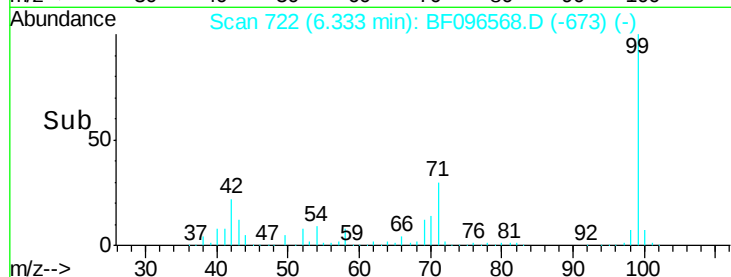
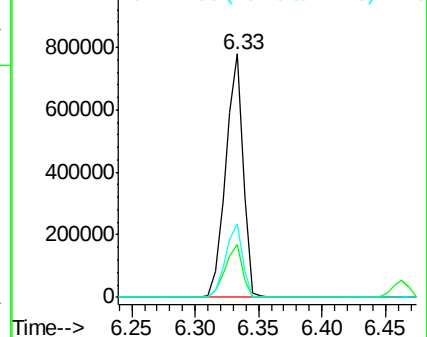
99 100

42 21.6 13.5 20.3#

71 30.3 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: 2.20 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096568.D

Acq: 7 Jul 2017 19:28

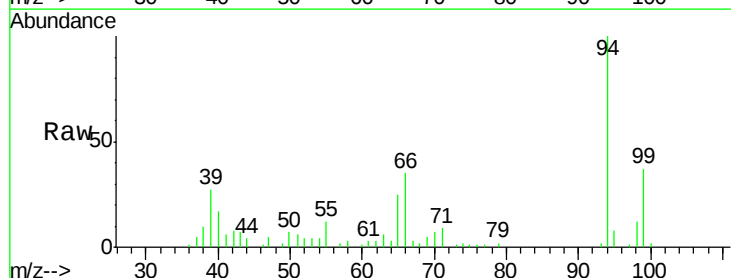
Tgt Ion: 94 Resp: 22922

Ion Ratio Lower Upper

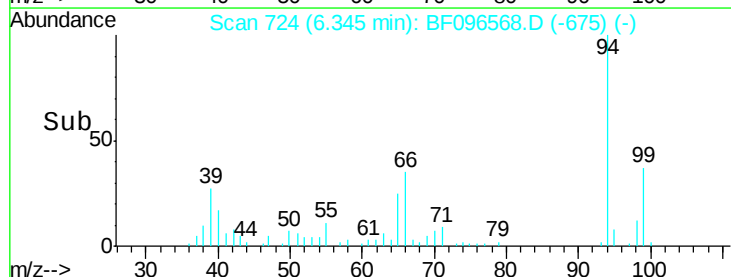
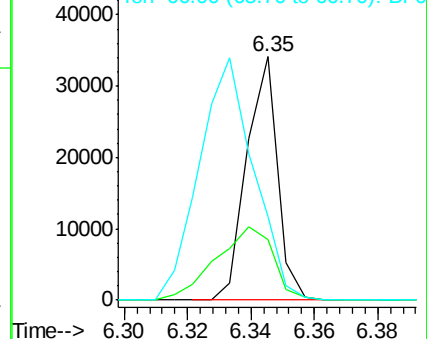
94 100

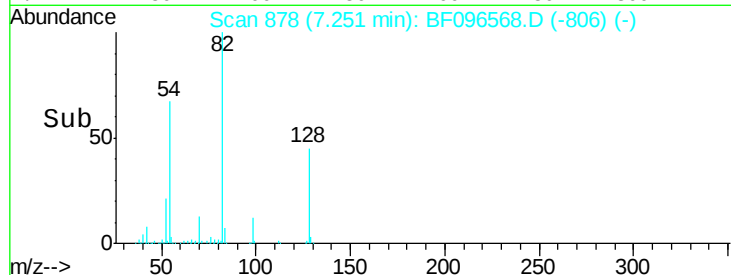
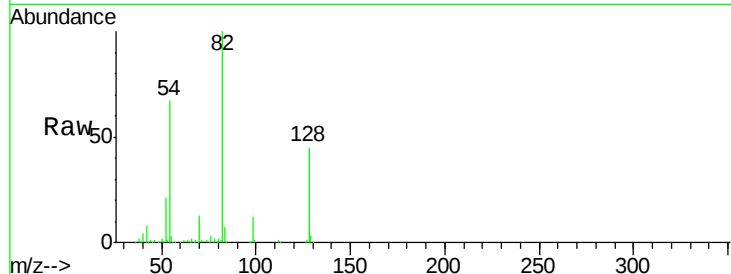
65 24.7 9.9 49.9

66 34.6 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

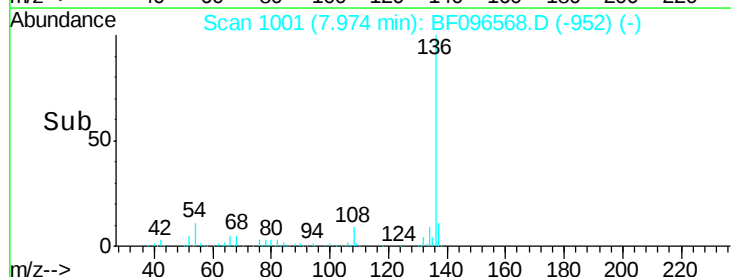
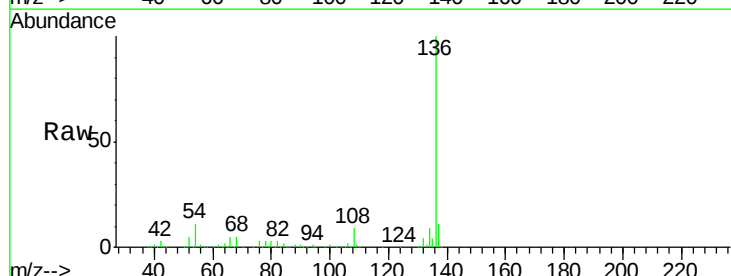
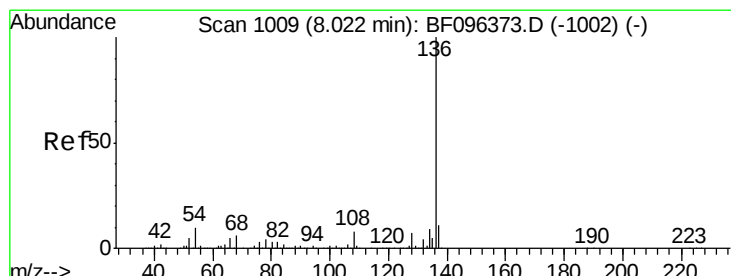
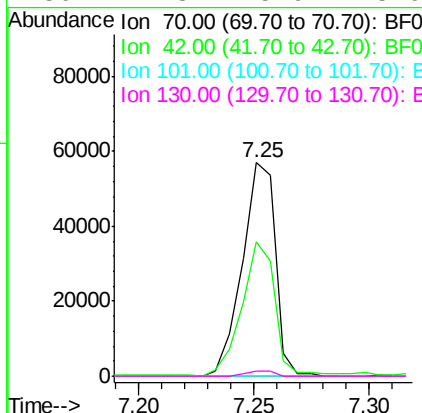




#19
n-Nitroso-di-n-propylamine
Concen: 10.50 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

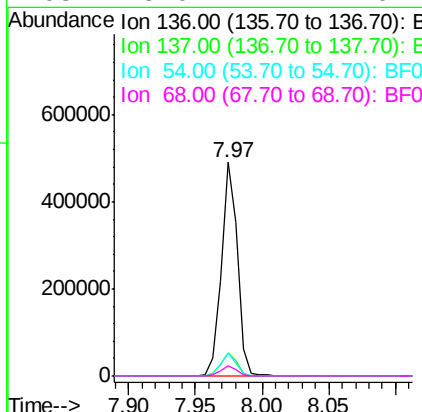
Instrument :
BNA_F
ClientSampleId :

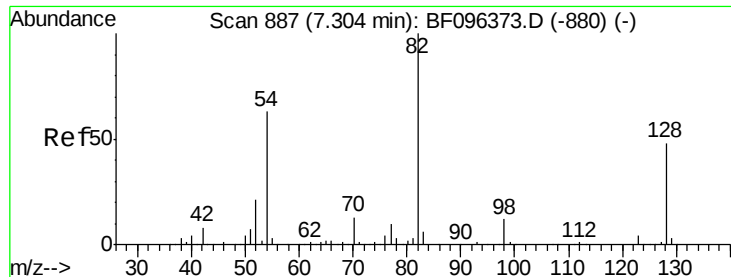
Tot Ion:	70	Resp:	57222
Ion	Ratio	Lower	Upper
70	100		
42	62.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

Tgt Ion:	136	Resp:	419901
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.8	4.9	7.3#
68	5.0	4.1	6.1

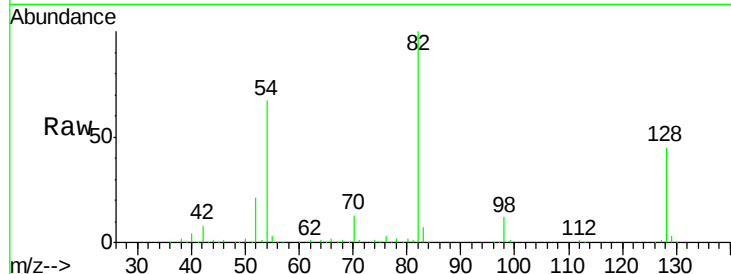




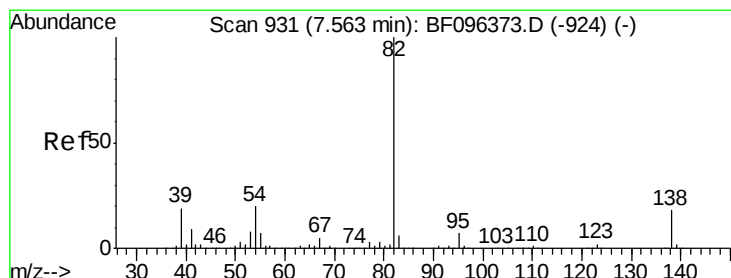
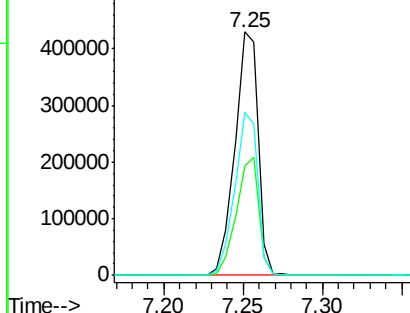
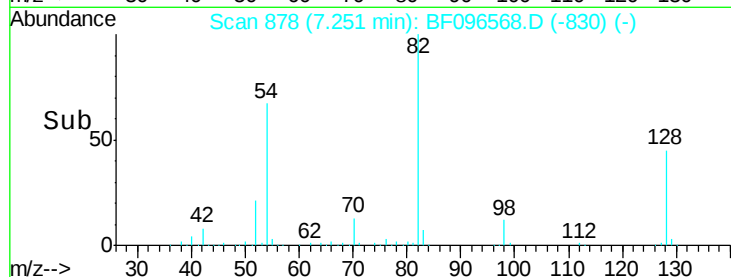
#23
Nitrobenzene-d5
Concen: 62.58 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 437305
Ion Ratio Lower Upper
82 100
128 44.9 34.0 51.0
54 67.2 42.2 63.2#

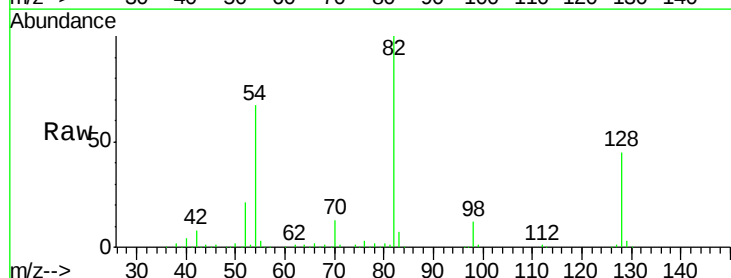


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

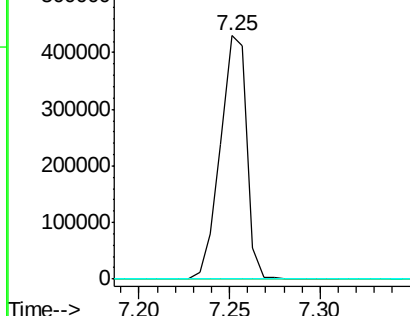
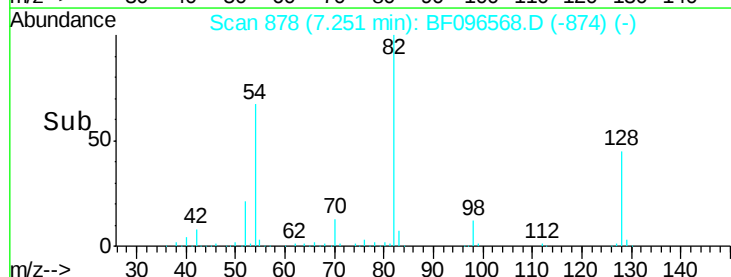


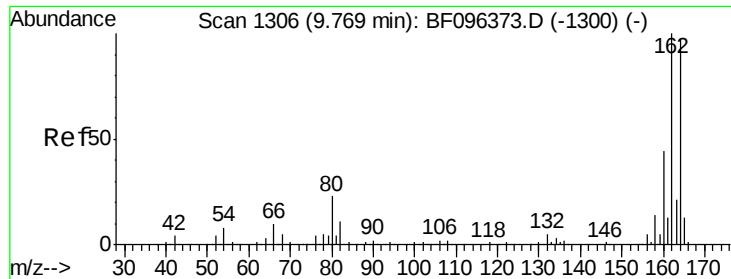
#25
Isophorone
Concen: 32.06 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

Tgt Ion: 82 Resp: 434408
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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096568.D

Acq: 7 Jul 2017 19:28

Instrument :

BNA_F

ClientSampleId :

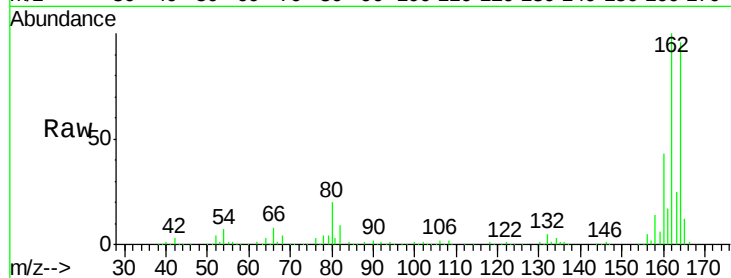
Tot Ion:164 Resp: 202401

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

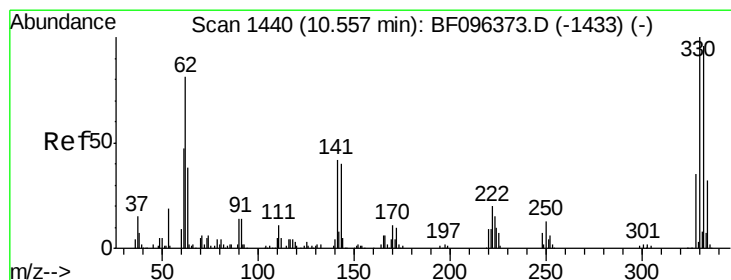
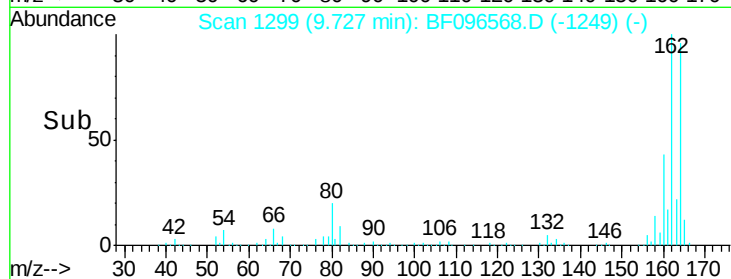
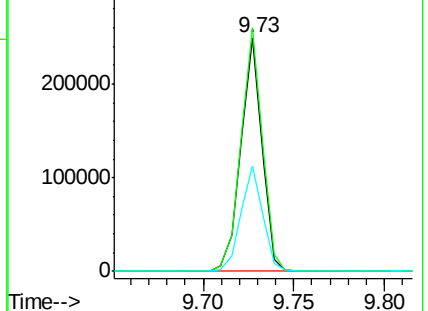
160 45.2 36.2 54.2



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: 91.59 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096568.D

Acq: 7 Jul 2017 19:28

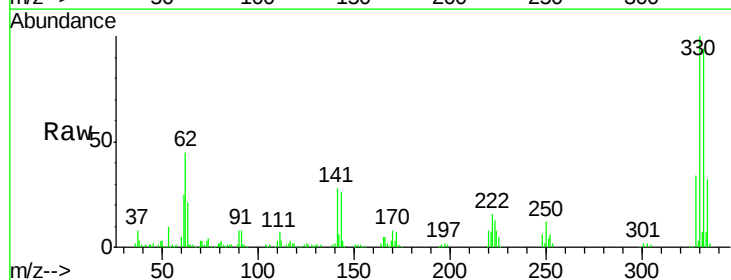
Tgt Ion:330 Resp: 144811

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

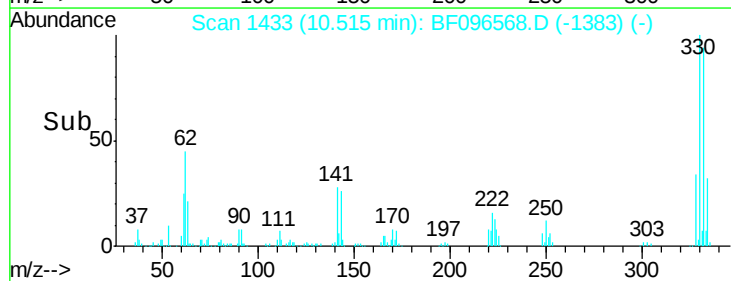
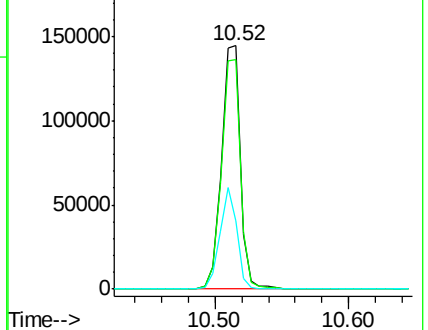
141 37.5 31.4 47.2

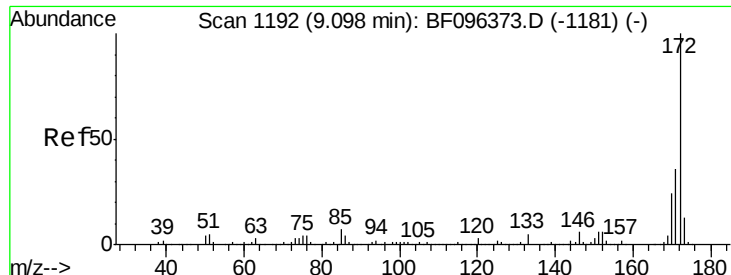


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

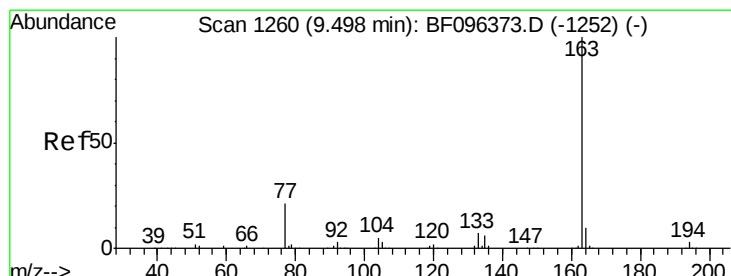
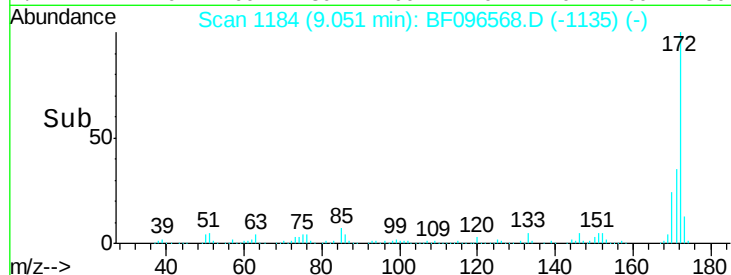
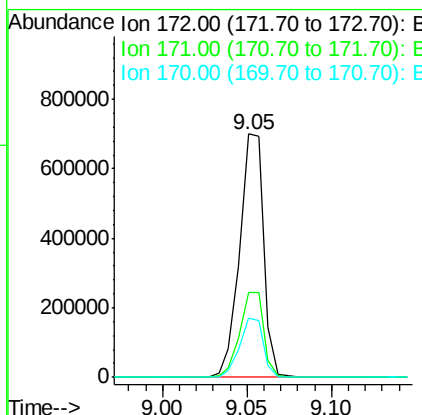
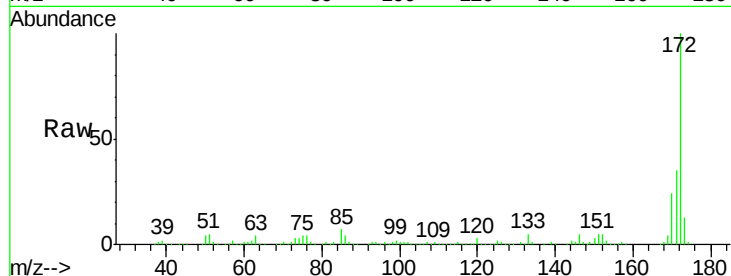




#44
2-Fluorobiphenyl
Concen: 58.90 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

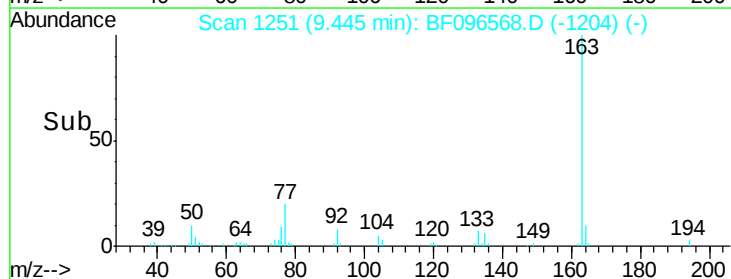
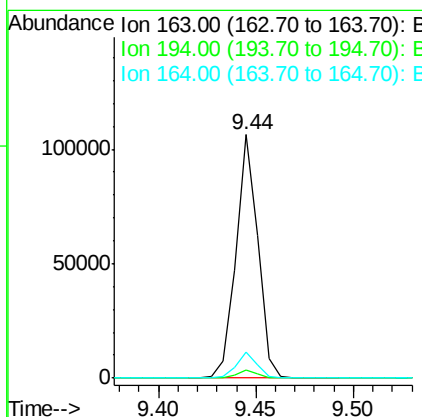
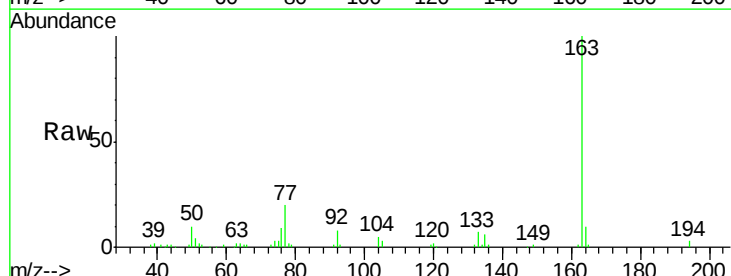
Instrument :
BNA_F
ClientSampleId :

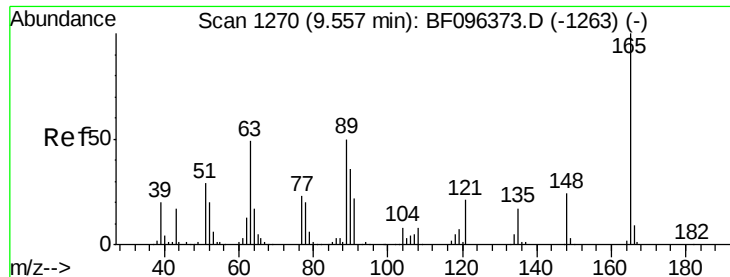
Tot Ion:172 Resp: 697213
Ion Ratio Lower Upper
172 100
171 34.7 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 5.46 ng
RT: 9.44 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

Tgt Ion:163 Resp: 82523
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.4 8.4 12.6

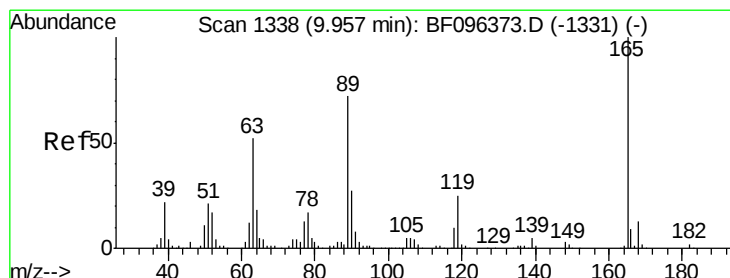
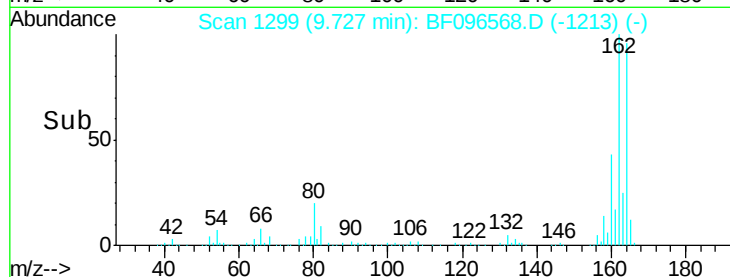
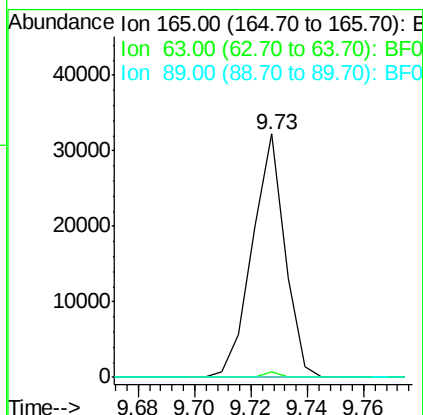
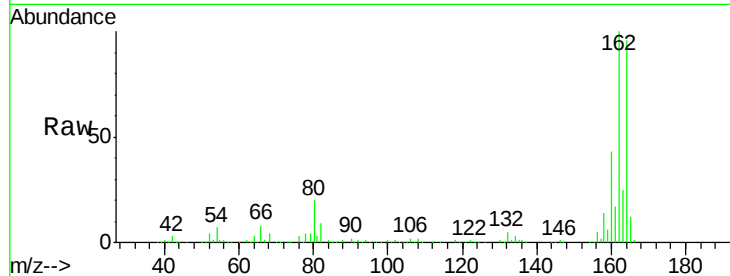




#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF096568.D
 Acq: 7 Jul 2017 19:28

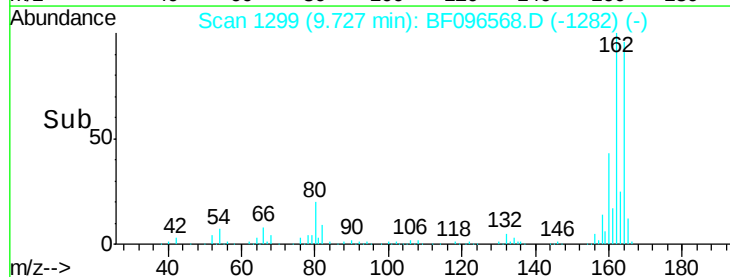
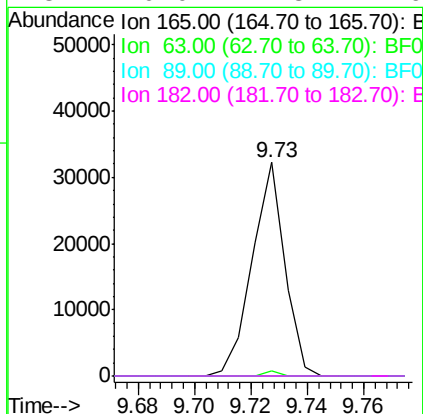
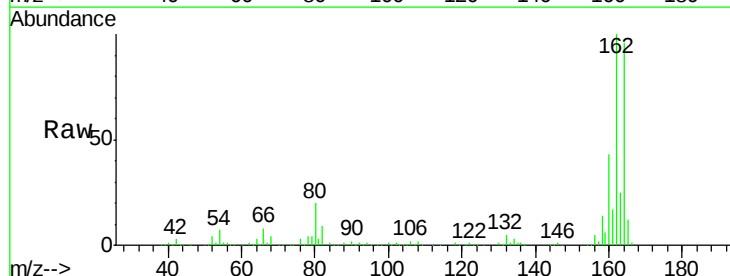
Instrument :
 BNA_F
 ClientSampleId :

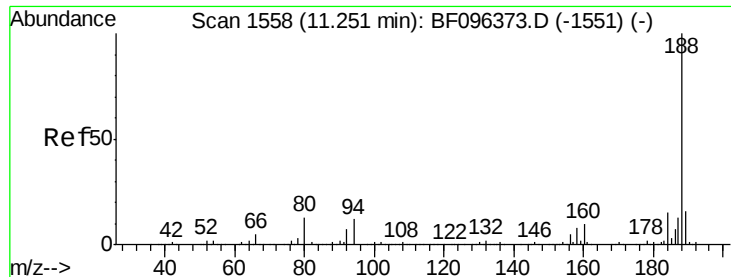
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096568.D
 Acq: 7 Jul 2017 19:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

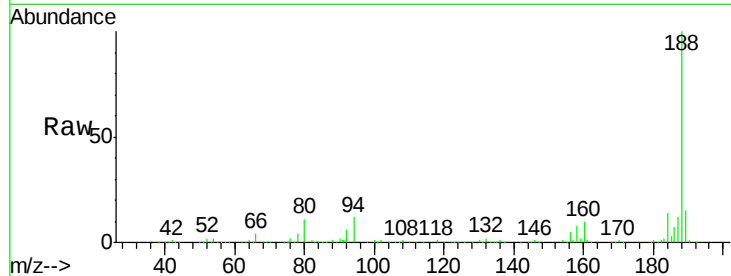




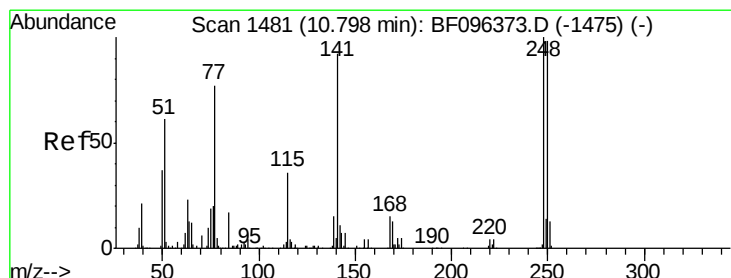
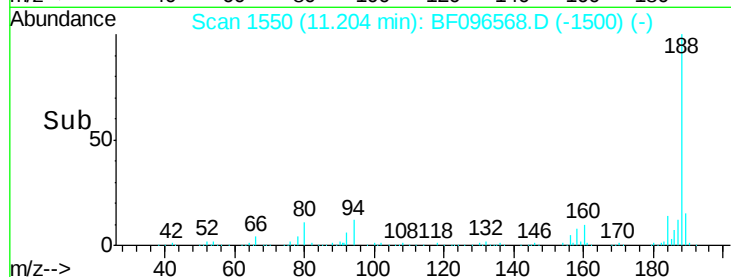
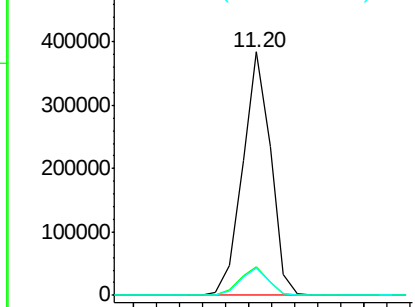
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 325381
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.4 10.2 15.2

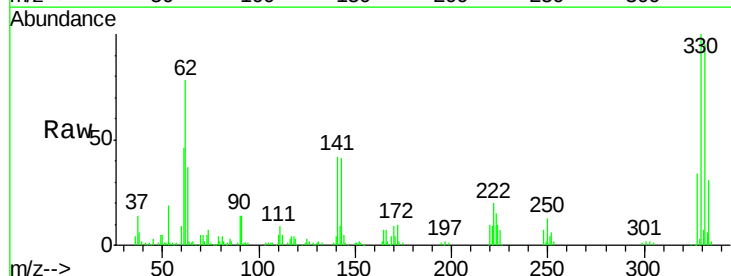


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

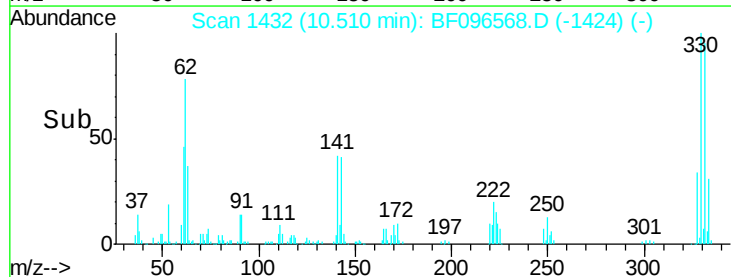
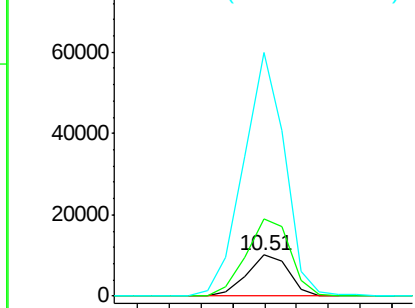


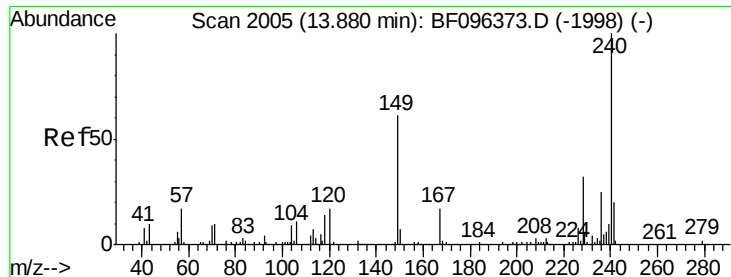
#66
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF096568.D
Acq: 7 Jul 2017 19:28

Tgt Ion:248 Resp: 9137
Ion Ratio Lower Upper
248 100
250 188.6 76.8 115.2#
141 596.9 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096568.D

Acq: 7 Jul 2017 19:28

Instrument :

BNA_F

ClientSampleId :

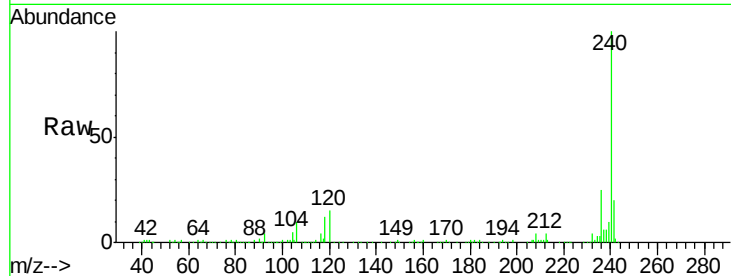
Tot Ion:240 Resp: 267932

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

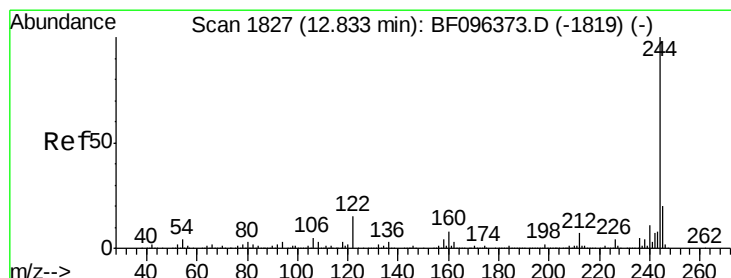
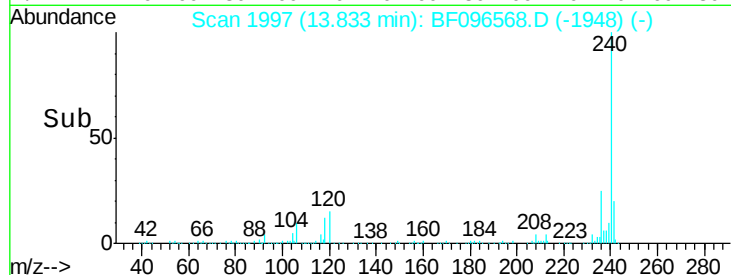
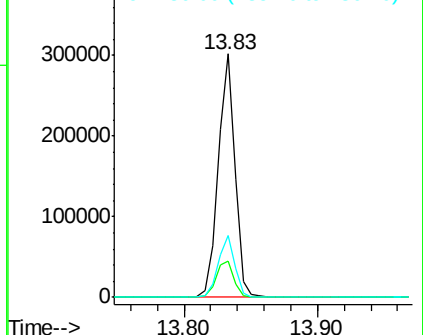
236 25.4 20.5 30.7



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: 44.56 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096568.D

Acq: 7 Jul 2017 19:28

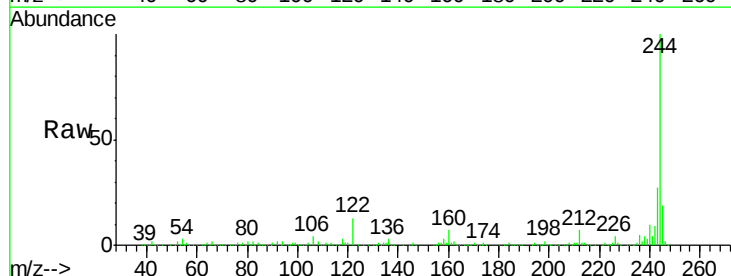
Tgt Ion:244 Resp: 558776

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

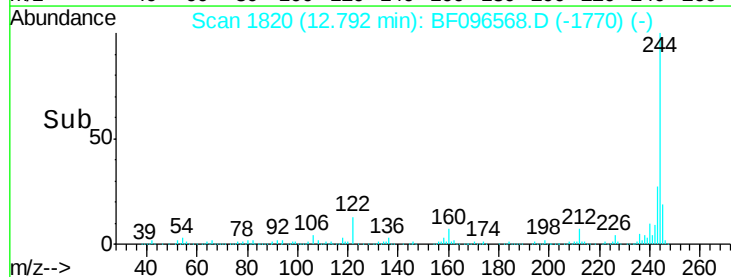
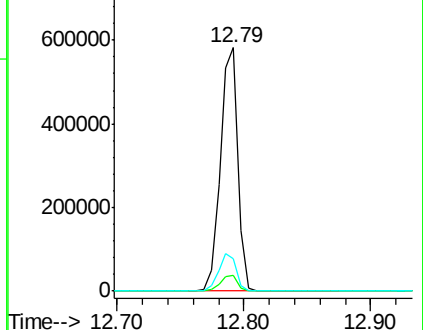
122 13.4 10.3 15.5

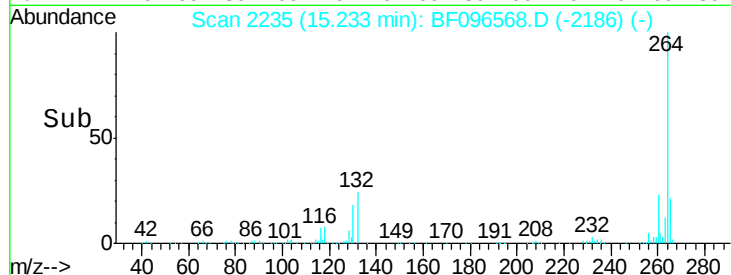
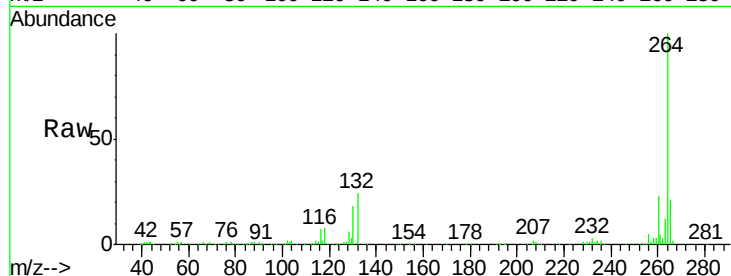
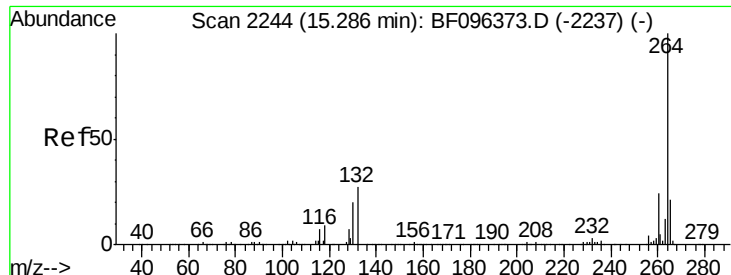


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096568.D
 Acq: 7 Jul 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	190232
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.5	29.3
265	20.8	17.2	25.8

