

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096597.D
 Acq On : 10 Jul 2017 13:29
 Operator : SJ/JU
 Sample : I4086-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:07:38 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

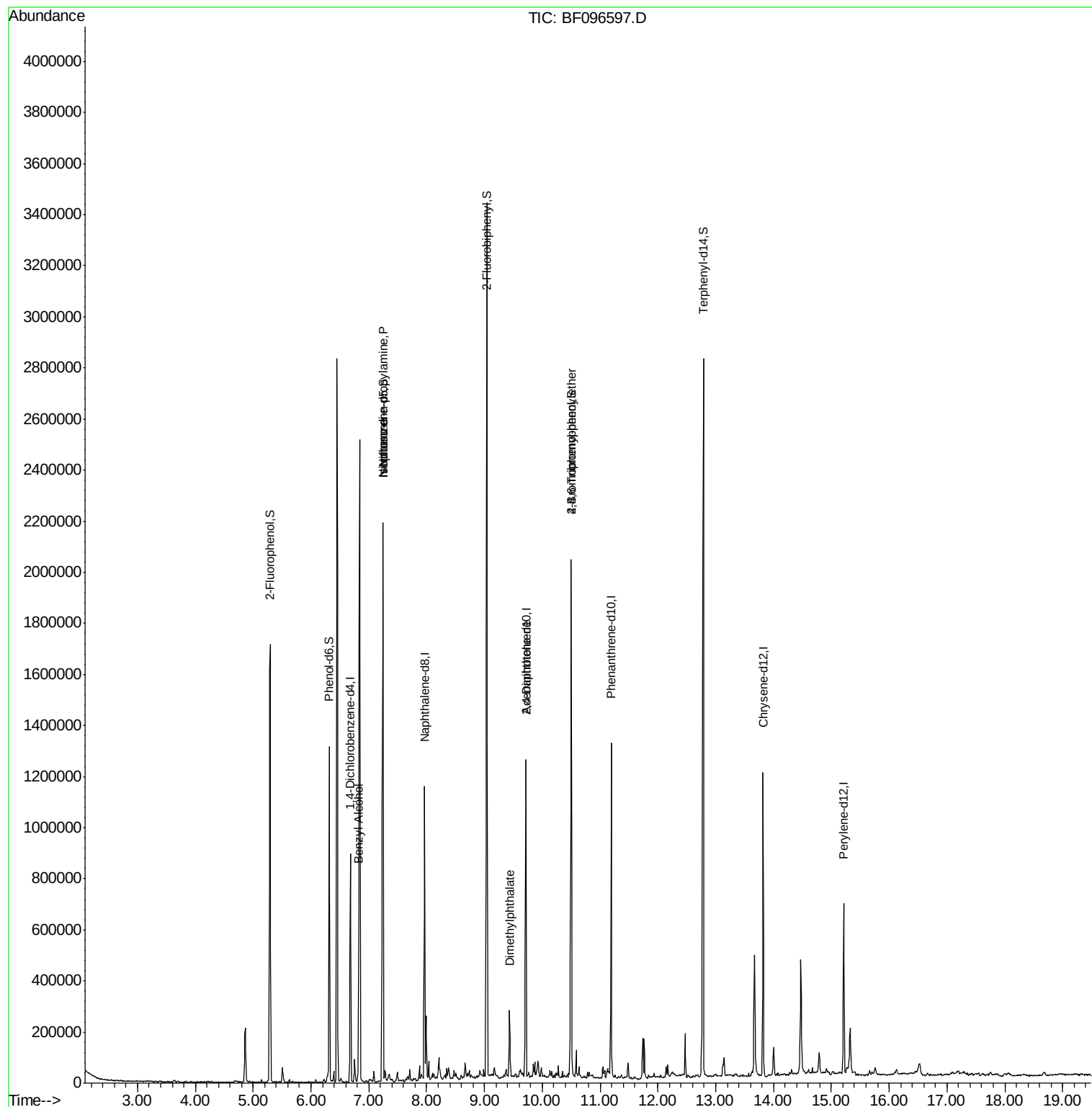
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	126921	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	538107	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	238444	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	441829	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	372158	20.00	ng	-0.02
86) Perylene-d12	15.22	264	260608	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	484311	56.32	ng	-0.02
7) Phenol-d6	6.32	99	393738	37.25	ng	-0.03
23) Nitrobenzene-d5	7.25	82	735338	82.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	262207	140.78	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1287121	92.29	ng	-0.02
78) Terphenyl-d14	12.79	244	1044426	59.97	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.82	79	26015	3.68	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.25	70	97254	15.44	ng	# 87
25) Isophorone	7.25	82	732016	42.16	ng	# 67
49) Dimethylphthalate	9.43	163	96424	5.42	ng	99
56) 2,4-Dinitrotoluene	9.72	165	30259	6.07	ng	# 34
66) 4-Bromophenyl-phenylether	10.50	248	17141	3.99	ng	# 1

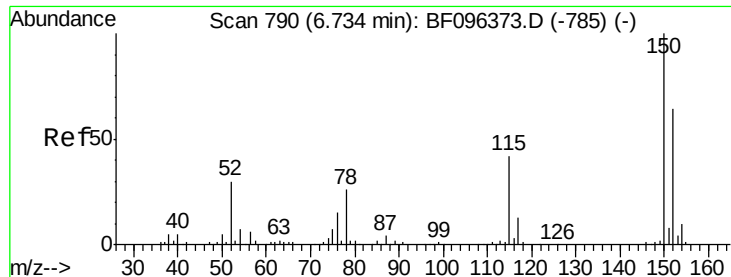
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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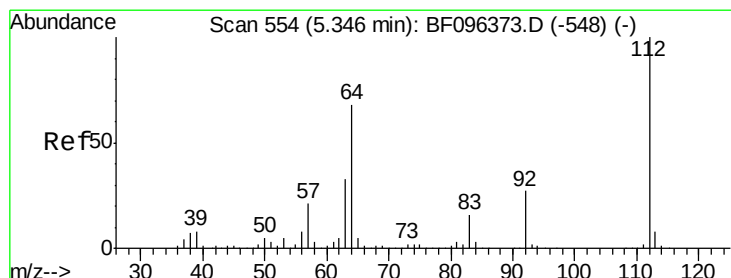
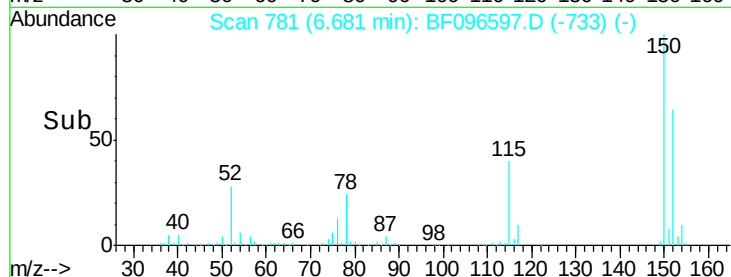
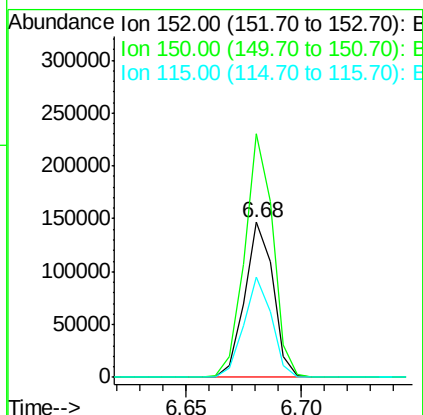
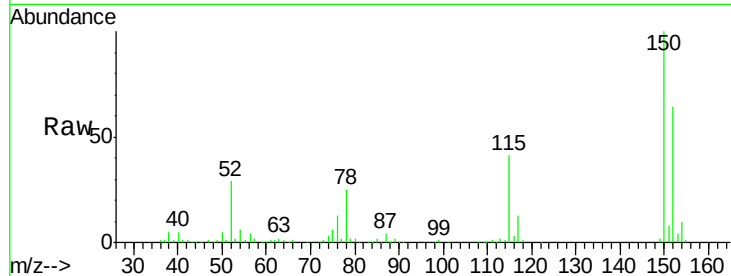


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

Instrument :
BNA_F
ClientSampleId :

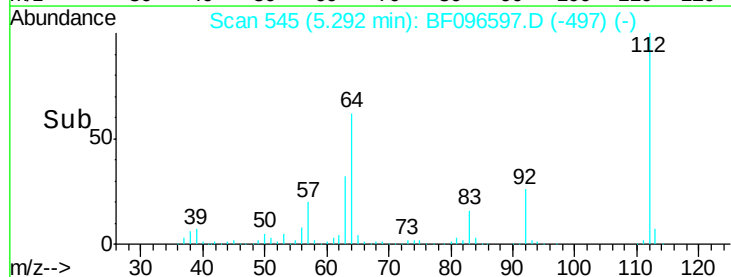
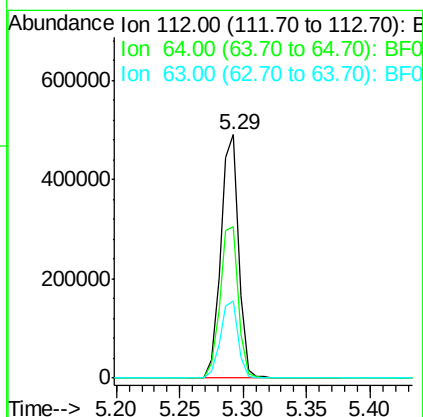
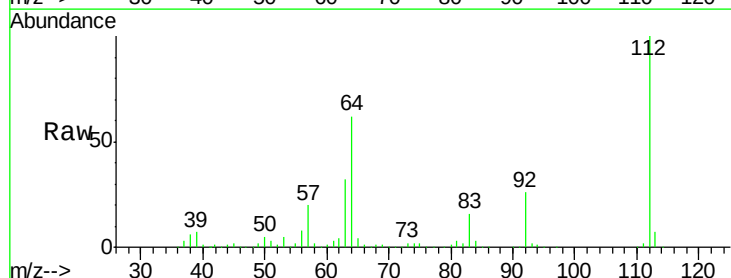
Tot Ion:152 Resp: 126921
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 64.7 52.2 78.2

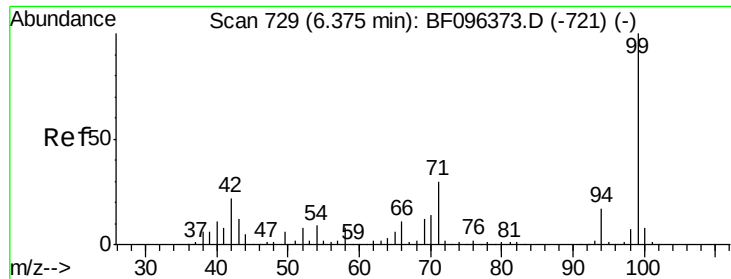


#5

2-Fluorophenol
Concen: 56.32 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

Tgt Ion:112 Resp: 484311
Ion Ratio Lower Upper
112 100
64 62.0 46.0 69.0
63 31.6 23.4 35.0





#7

Phenol-d6

Concen: 37.25 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

Instrument :

BNA_F

ClientSampled :

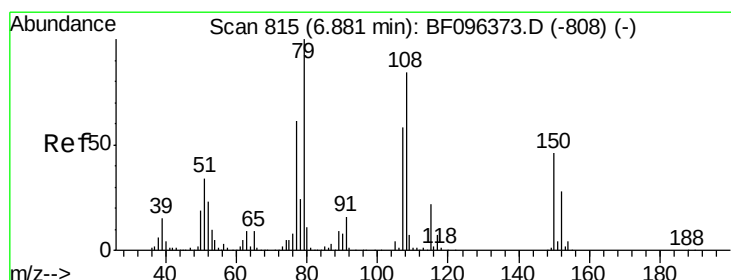
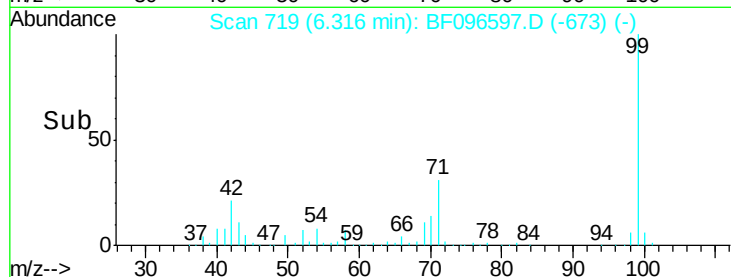
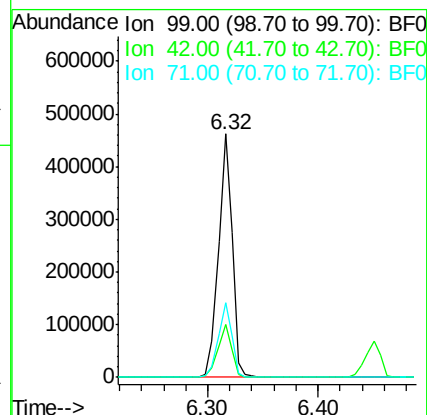
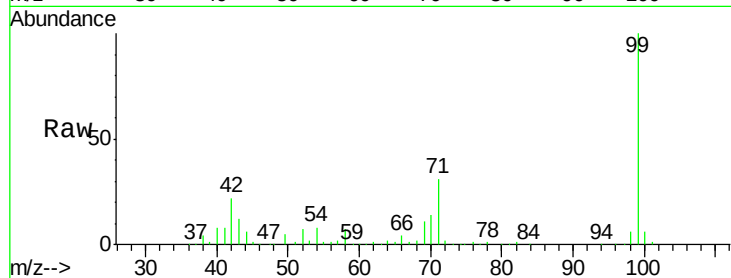
Tot Ion: 99 Resp: 393738

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

71 30.5 24.5 36.7



#15

Benzyl Alcohol

Concen: 3.68 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

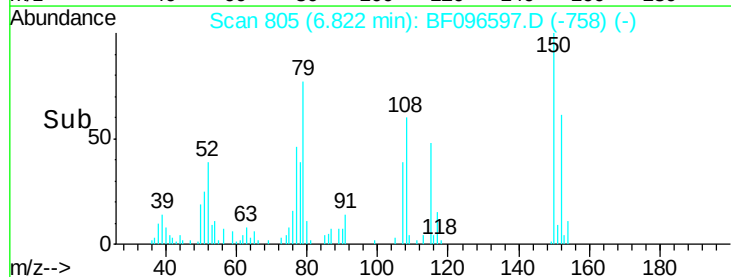
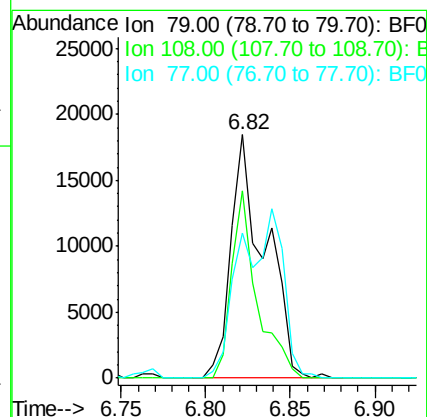
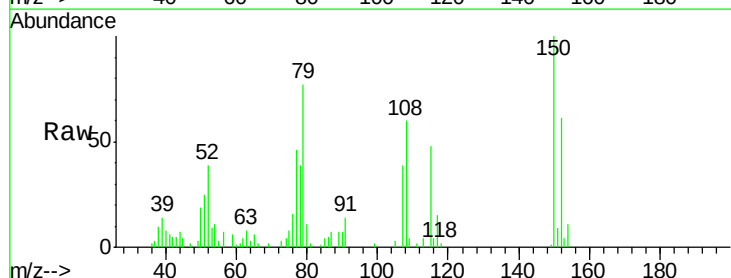
Tgt Ion: 79 Resp: 26015

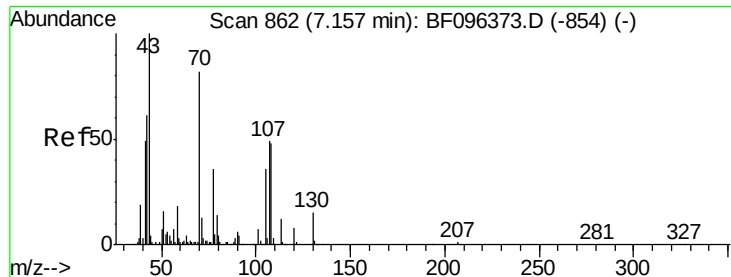
Ion Ratio Lower Upper

79 100

108 77.1 63.4 95.0

77 59.7 49.2 73.8

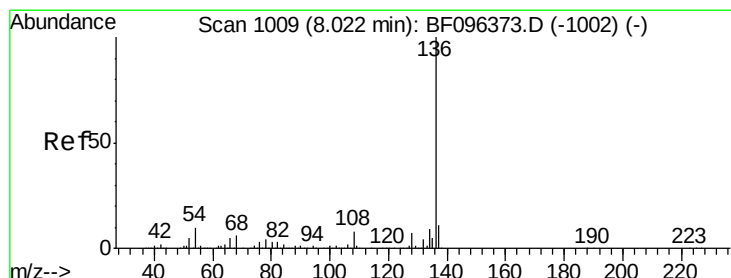
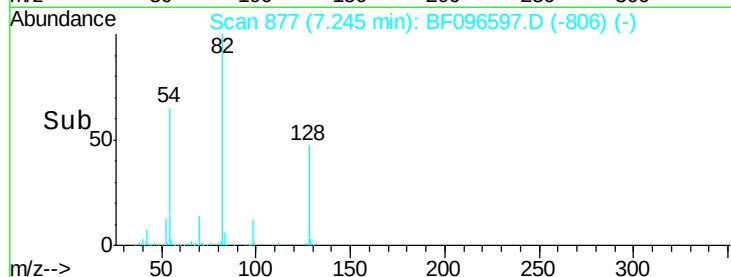
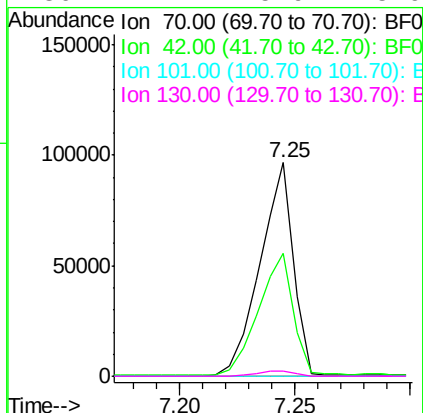
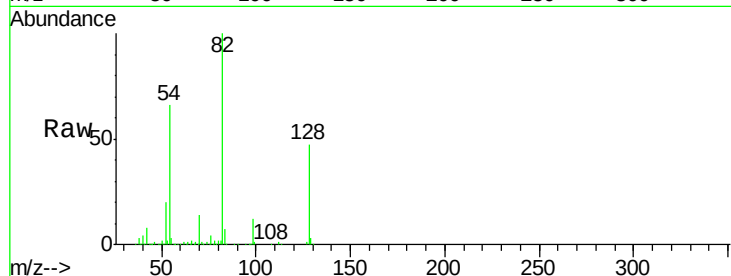




#19
n-Nitroso-di-n-propylamine
Concen: 15.44 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

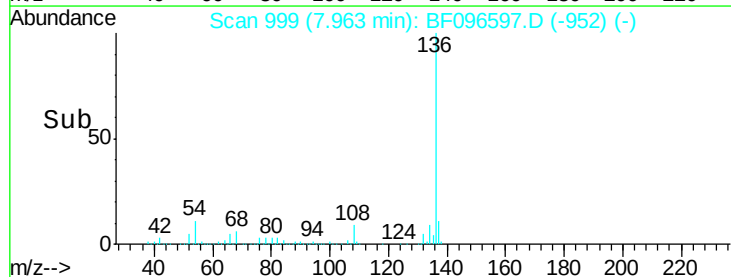
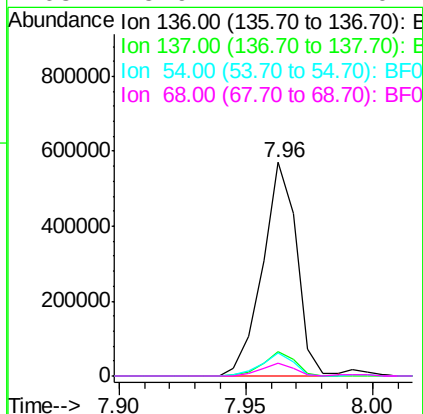
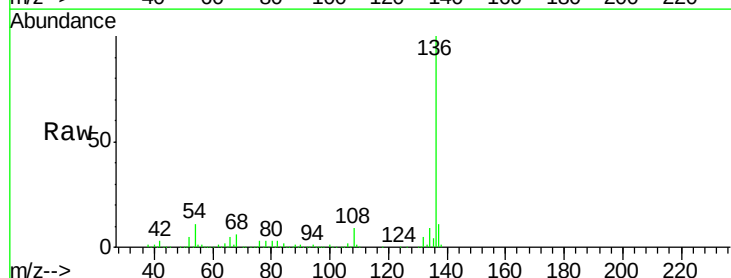
Instrument :
BNA_F
ClientSampleId :

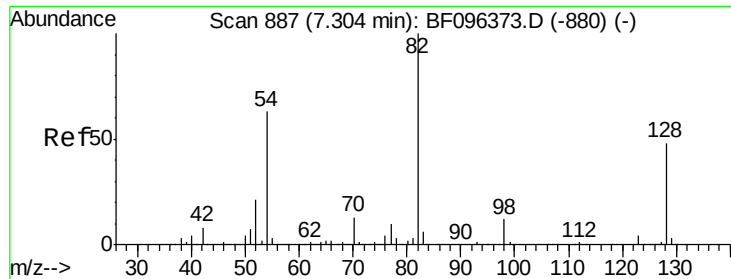
Tot Ion: 70 Resp: 97254
Ion Ratio Lower Upper
70 100
42 57.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

Tgt Ion:136 Resp: 538107
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.6 4.9 7.3#
68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 82.12 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

Instrument :

BNA_F

ClientSampled :

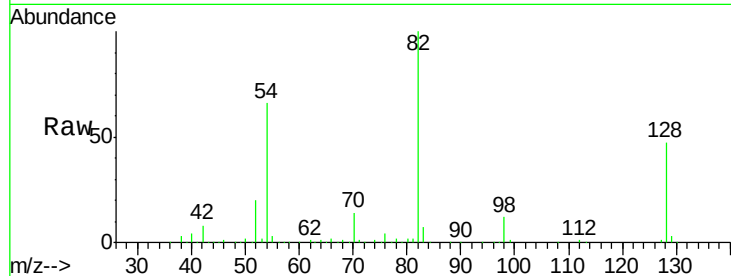
Tot Ion: 82 Resp: 735338

Ion Ratio Lower Upper

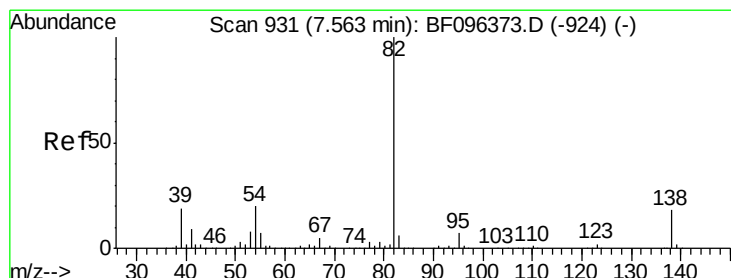
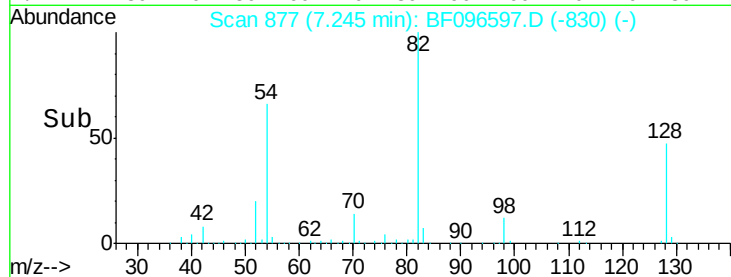
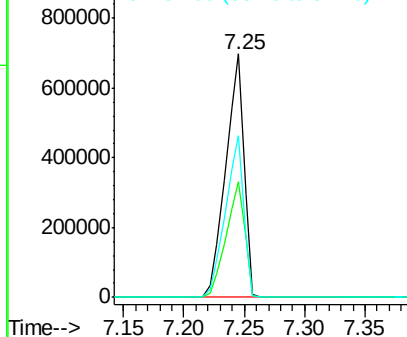
82 100

128 47.4 34.0 51.0

54 66.2 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: 42.16 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

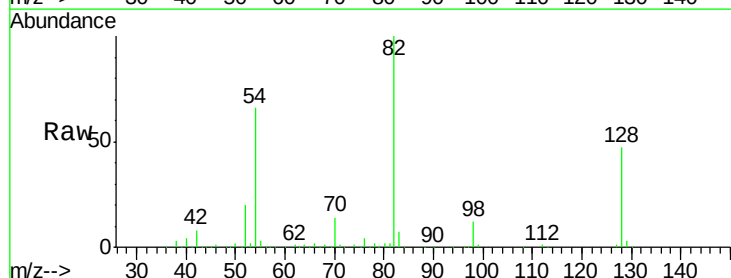
Tgt Ion: 82 Resp: 732016

Ion Ratio Lower Upper

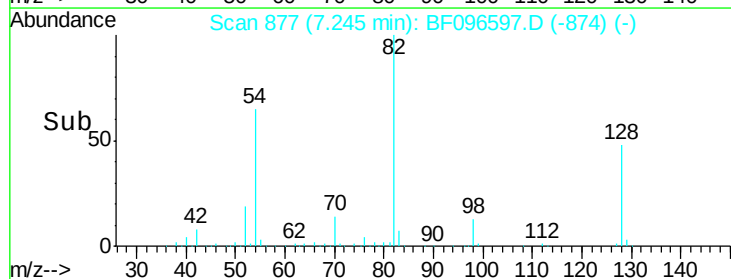
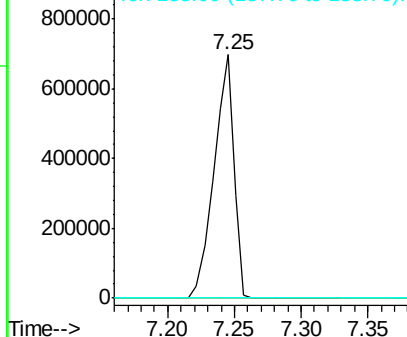
82 100

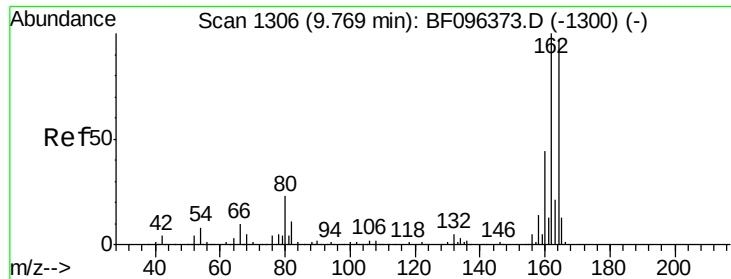
95 0.0 5.3 7.9#

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

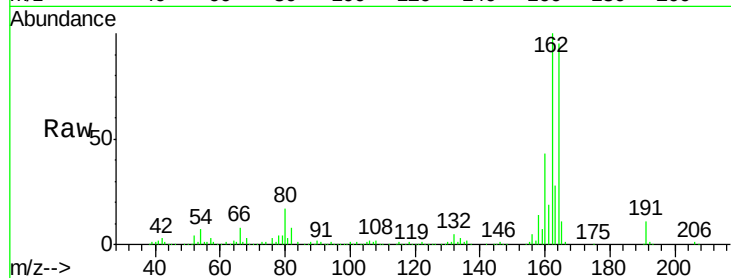




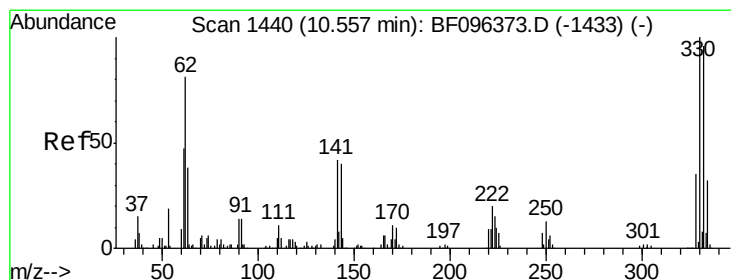
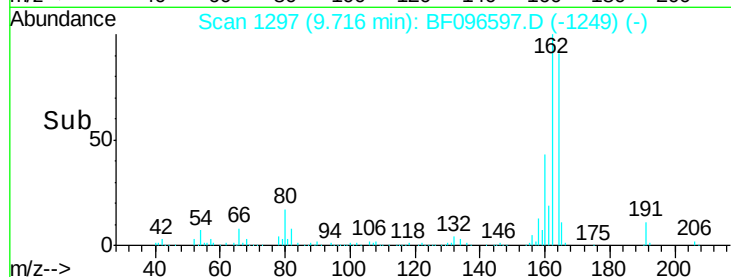
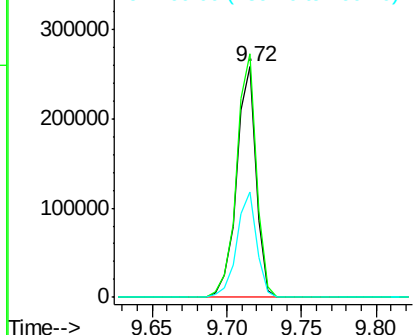
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096597.D
 Acq: 10 Jul 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 238444
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.6 123.8
 160 45.6 36.2 54.2

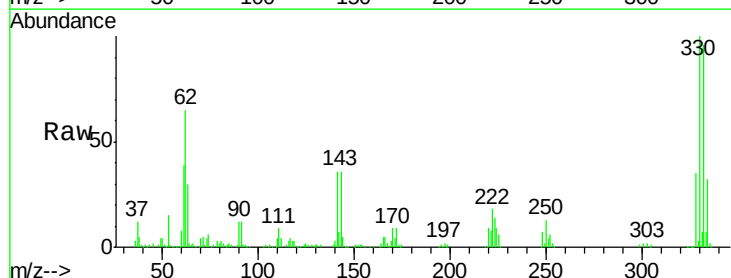


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

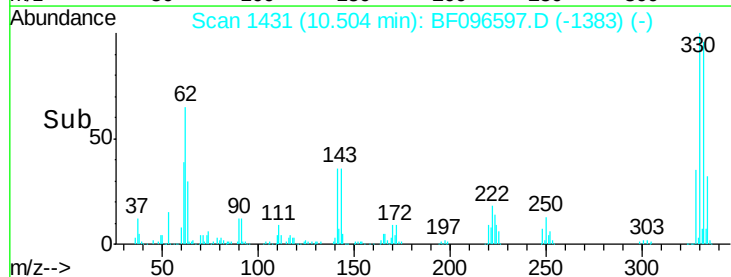
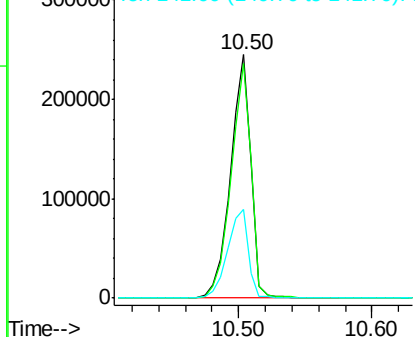


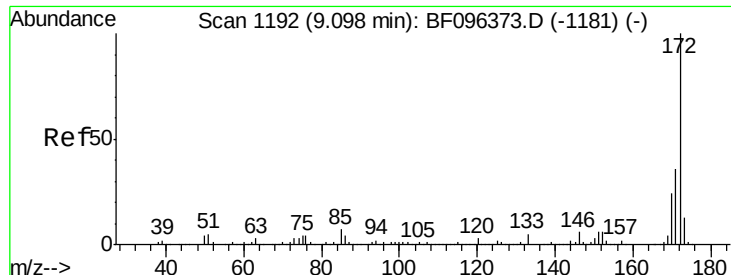
#41
 2,4,6-Tribromophenol
 Concen: 140.78 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096597.D
 Acq: 10 Jul 2017 13:29

Tgt Ion:330 Resp: 262207
 Ion Ratio Lower Upper
 330 100
 332 96.0 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



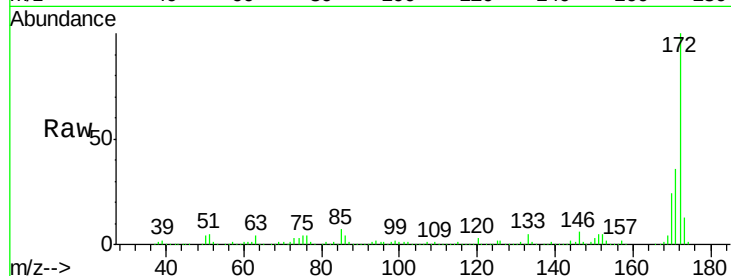


#44
 2-Fluorobiphenyl
 Concen: 92.29 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096597.D
 Acq: 10 Jul 2017 13:29

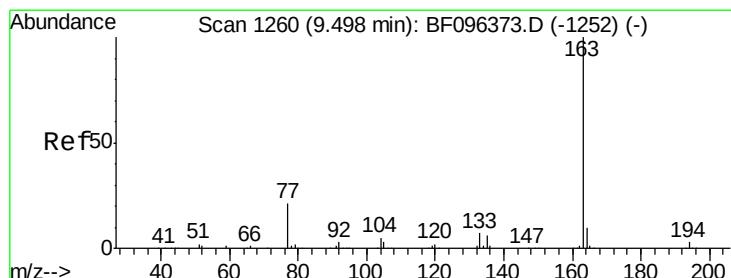
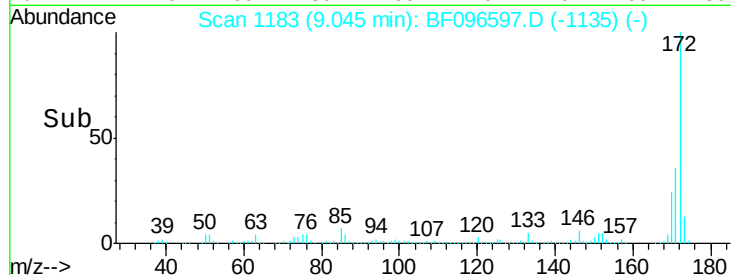
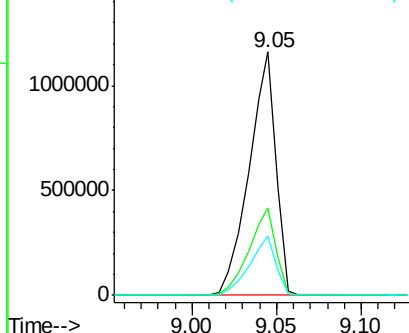
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1287121

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	19.8	29.8



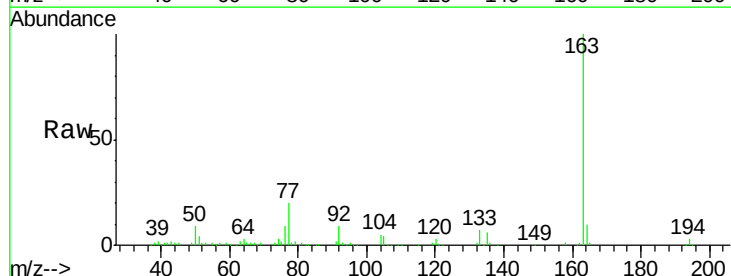
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



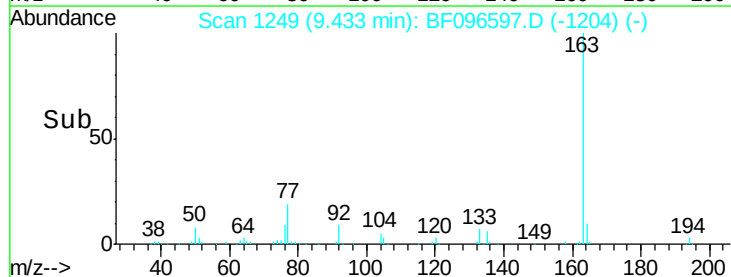
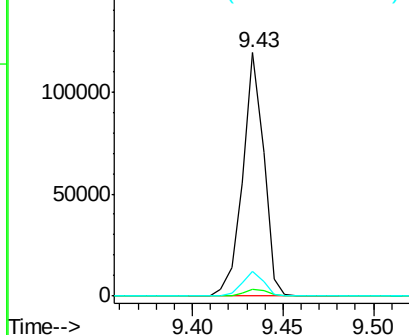
#49
 Dimethylphthalate
 Concen: 5.42 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096597.D
 Acq: 10 Jul 2017 13:29

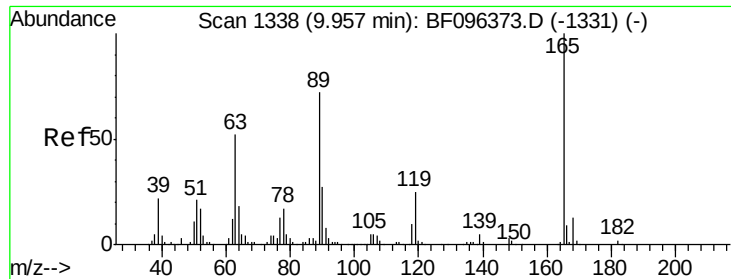
Tgt Ion:163 Resp: 96424

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.9	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

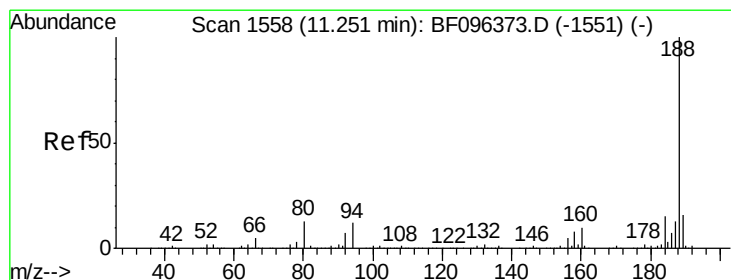
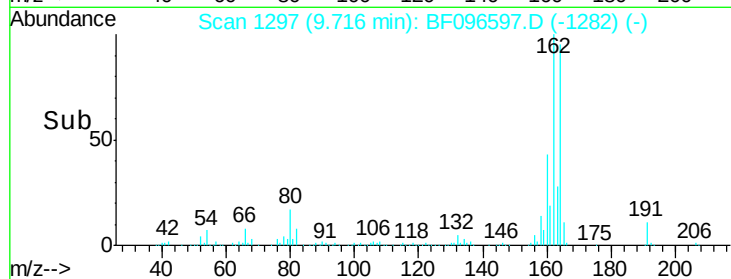
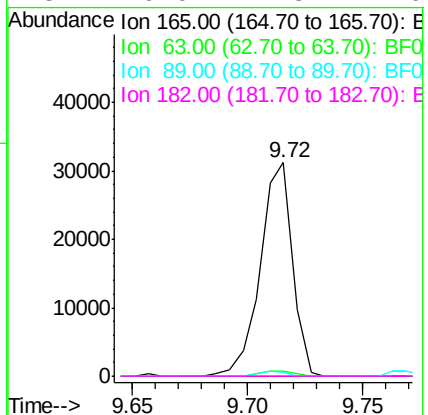
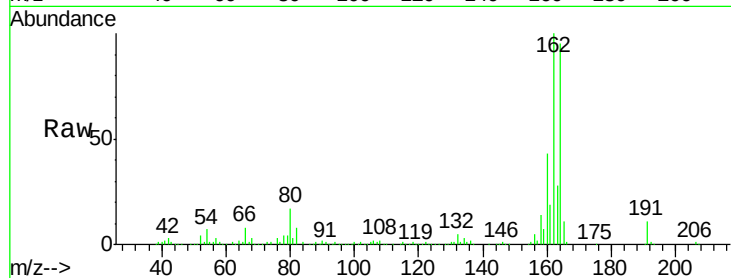




#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

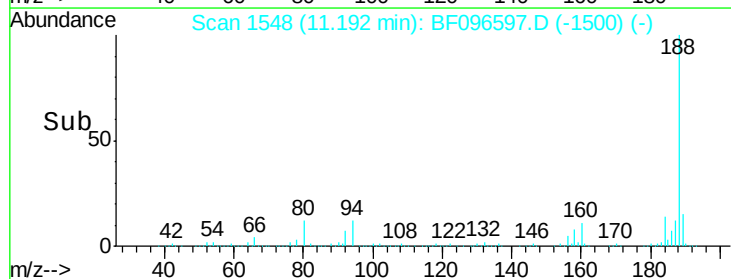
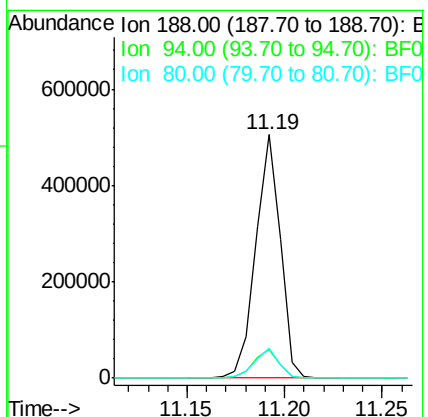
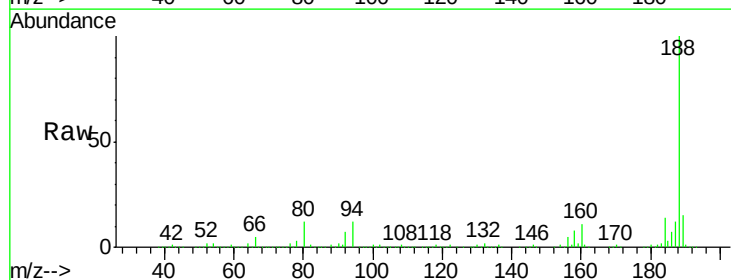
Instrument :
BNA_F
ClientSampleId :

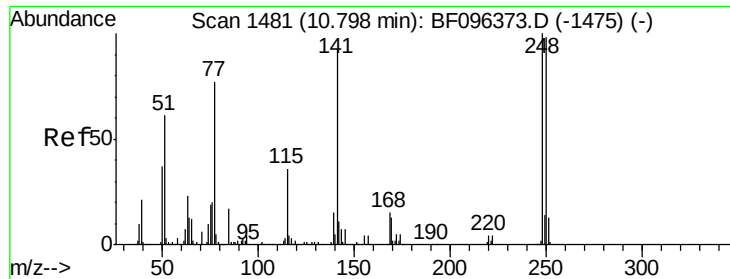
Tot Ion:165 Resp: 30259
Ion Ratio Lower Upper
165 100
63 2.6 25.4 38.0#
89 1.7 46.4 69.6#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

Tgt Ion:188 Resp: 441829
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 12.4 10.2 15.2

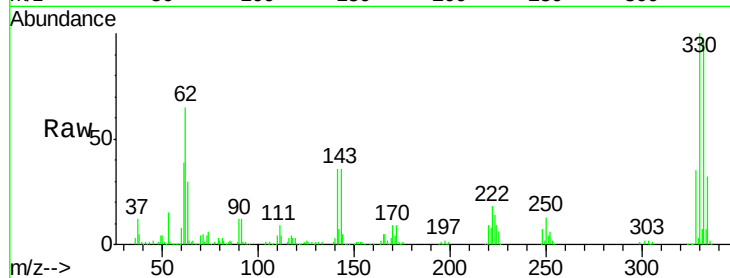




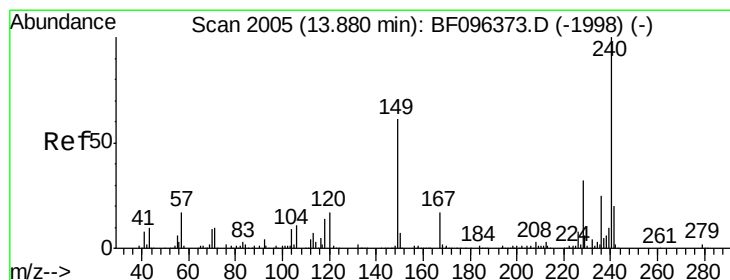
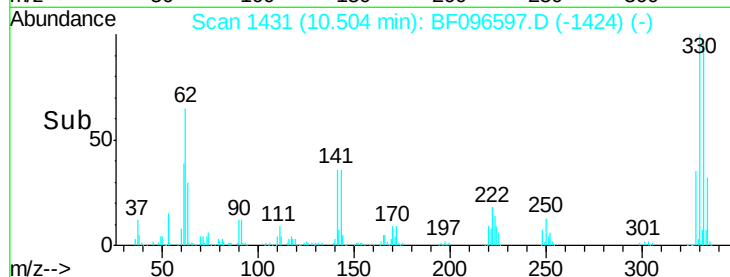
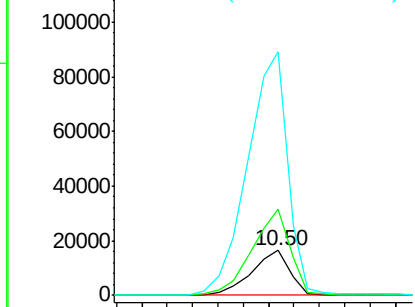
#66
 4-Bromophenyl-phenylether
 Concen: 3.99 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.26 min
 Lab File: BF096597.D
 Acq: 10 Jul 2017 13:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 17141
 Ion Ratio Lower Upper
 248 100
 250 193.1 76.8 115.2#
 141 545.4 68.6 103.0#

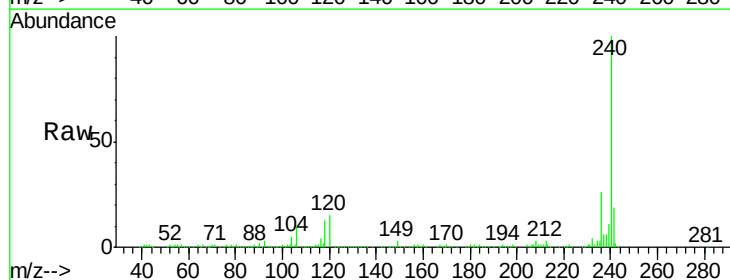


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

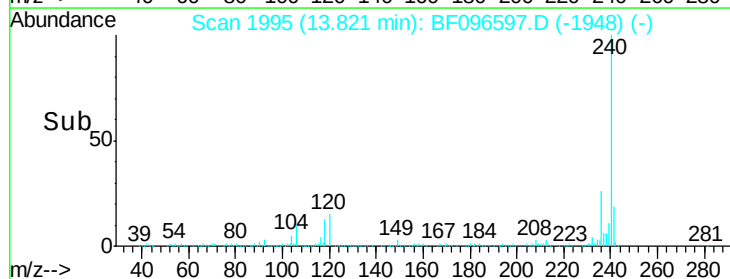
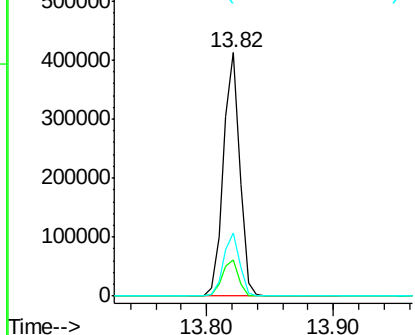


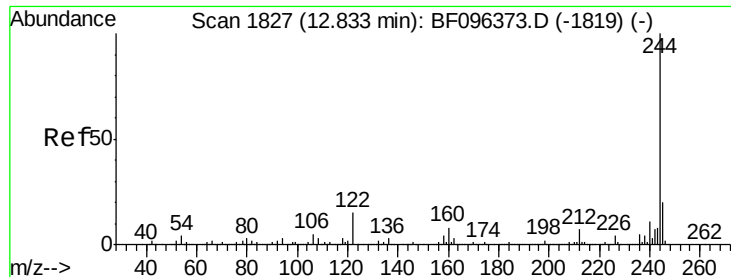
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096597.D
 Acq: 10 Jul 2017 13:29

Tgt Ion:240 Resp: 372158
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.9 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: 59.97 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

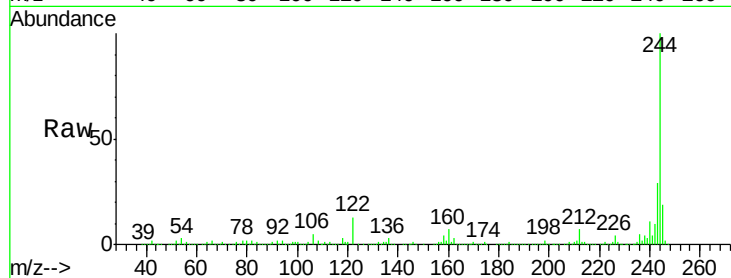
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1044426

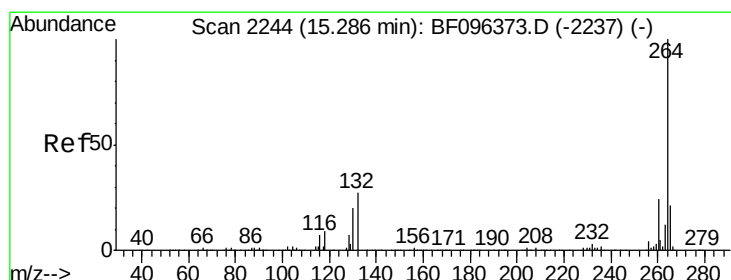
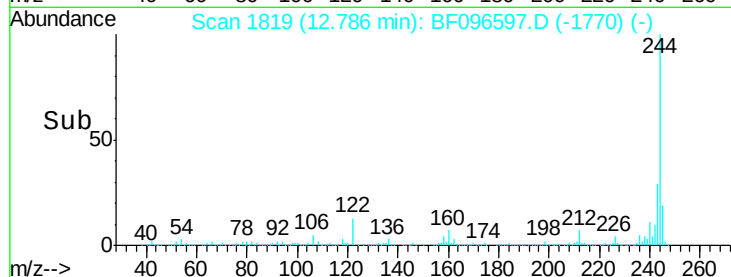
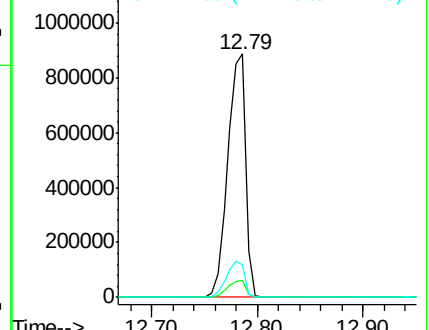
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.4	10.3	15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 2232

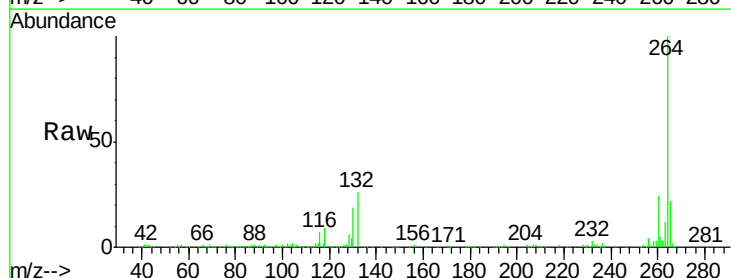
Delta R.T. -0.03 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

Tgt Ion:264 Resp: 260608

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.0	17.2	25.8



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

