

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
 Data File : BF096542.D
 Acq On : 6 Jul 2017 19:21
 Operator : SJ/MA
 Sample : I3999-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:23:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123500	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	487240	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	181681	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	273340	20.00	ng	0.00
75) Chrysene-d12	13.86	240	241820	20.00	ng	0.00
86) Perylene-d12	15.27	264	199716	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	882195	105.43	ng	0.01
7) Phenol-d6	6.36	99	1050507	102.12	ng	0.00
23) Nitrobenzene-d5	7.27	82	608405	75.03	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	147882	104.20	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	951354	89.53	ng	0.00
78) Terphenyl-d14	12.82	244	641323	56.67	ng	0.00

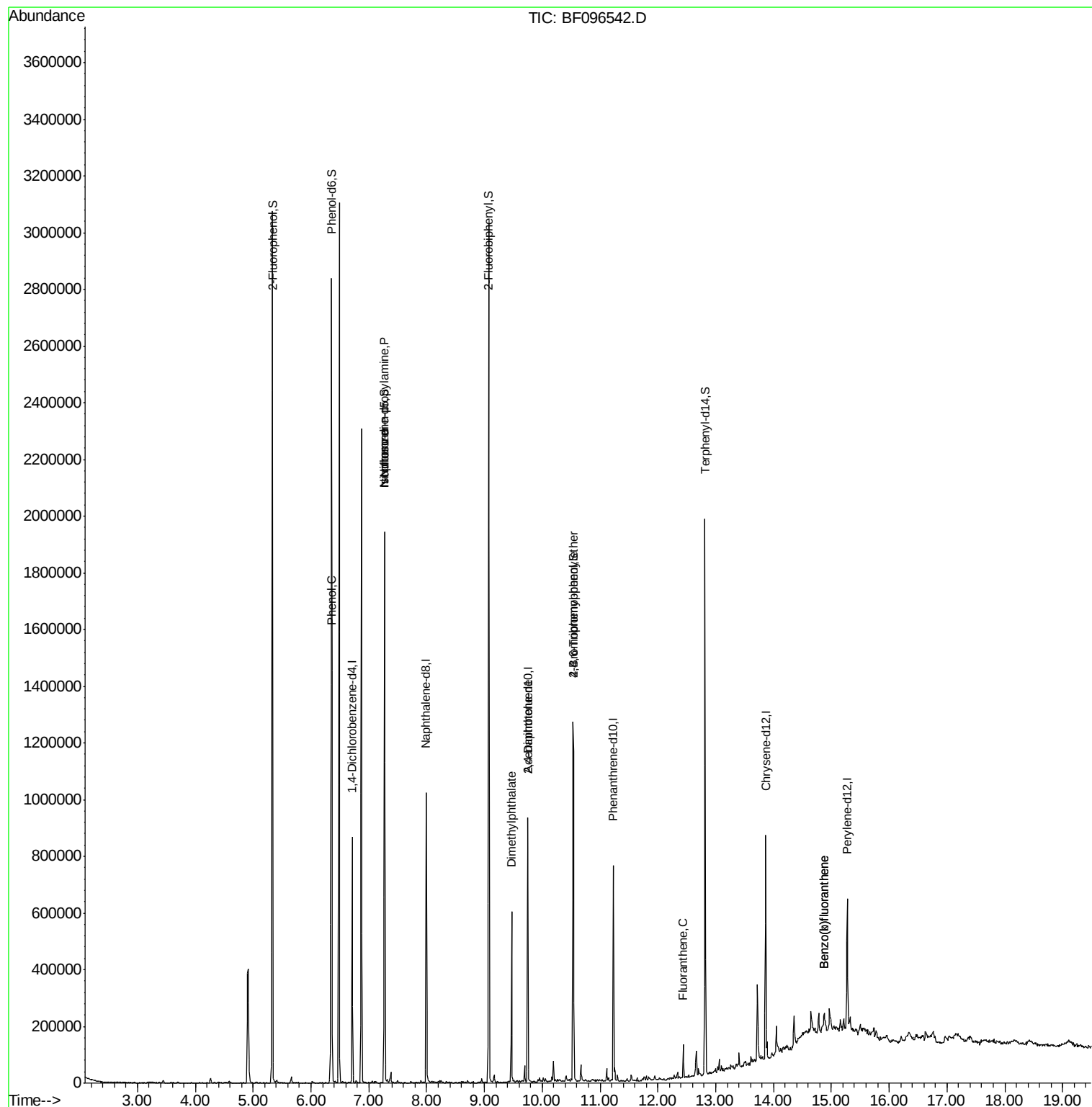
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	27360	2.33	ng	88
19) n-Nitroso-di-n-propylamine	7.27	70	79258	12.93	ng	# 89
25) Isophorone	7.27	82	602400	38.32	ng	# 67
49) Dimethylphthalate	9.47	163	237708	17.53	ng	99
56) 2,4-Dinitrotoluene	9.75	165	22994	6.05	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	9709	3.65	ng	# 1
74) Fluoranthene	12.44	202	39044	2.70	ng	99
87) Benzo(b)fluoranthene	14.87	252	35798	2.86	ng	# 78
88) Benzo(k)fluoranthene	14.87	252	35798	3.20	ng	# 82

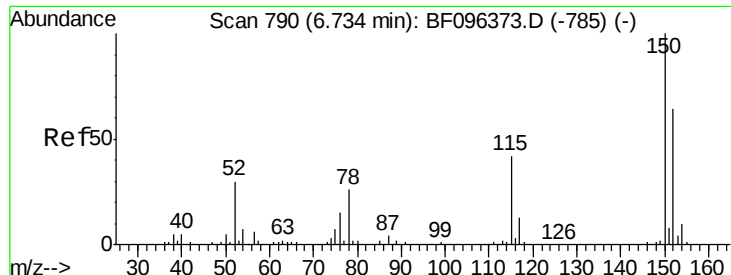
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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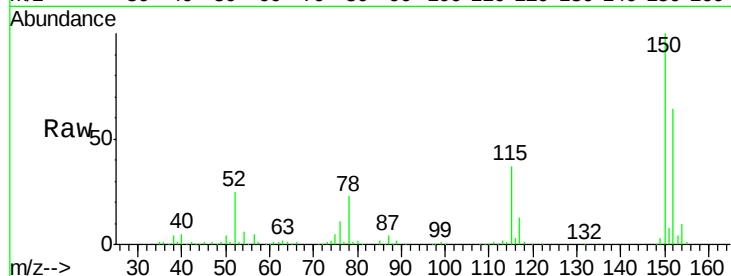


#1

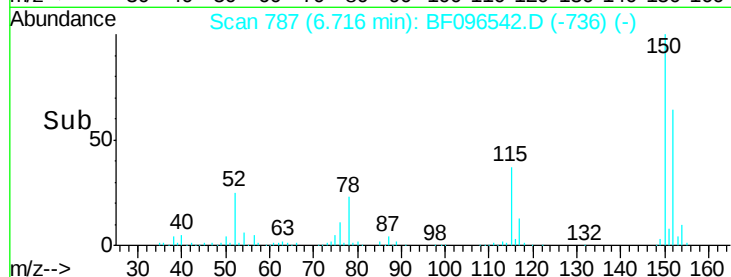
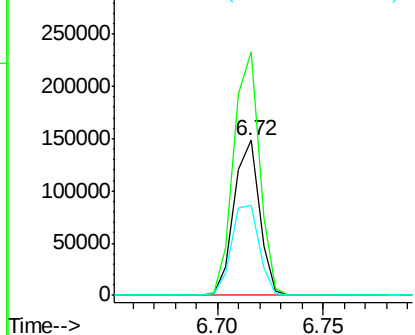
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	58.5	52.2	78.2



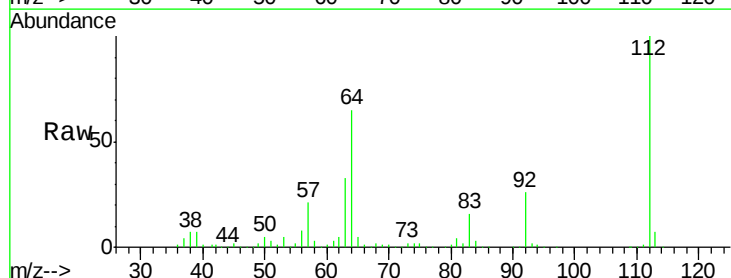
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



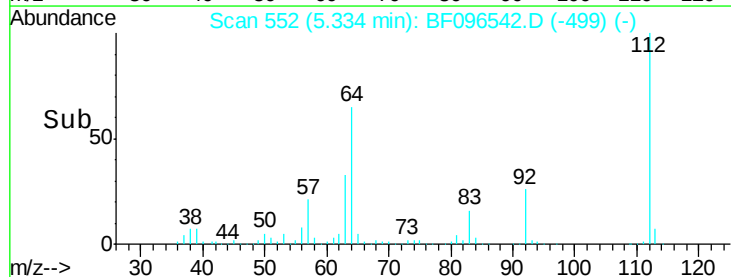
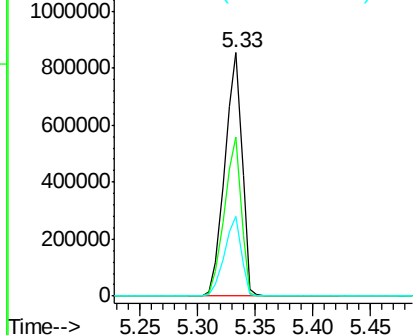
#5

2-Fluorophenol
Concen: 105.43 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Tgt 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: 102.12 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

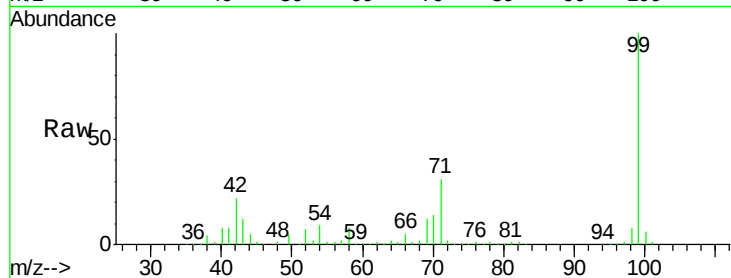
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1050507

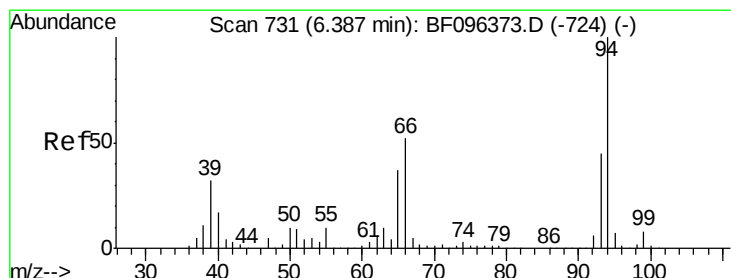
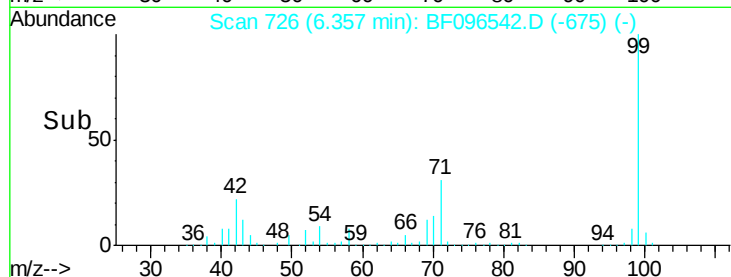
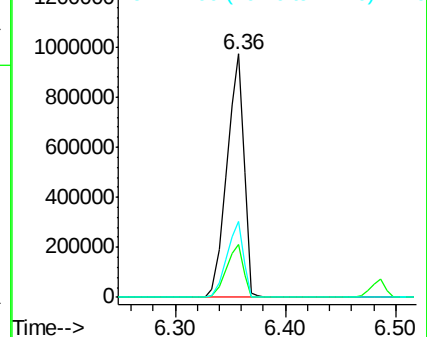
Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.4	24.5	36.7



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: 2.33 ng

RT: 6.37 min Scan# 728

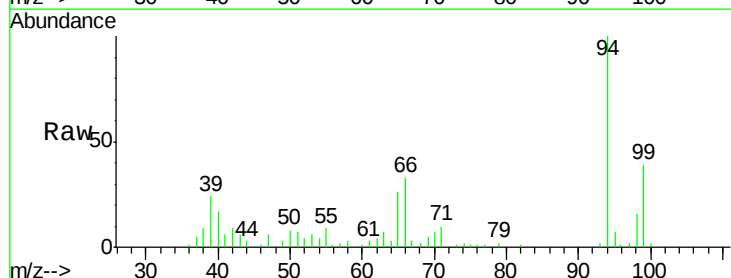
Delta R.T. -0.00 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

Tgt Ion: 94 Resp: 27360

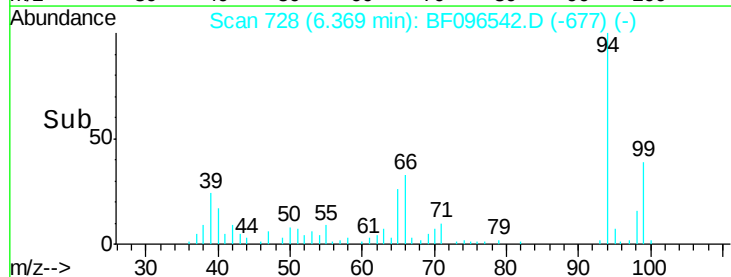
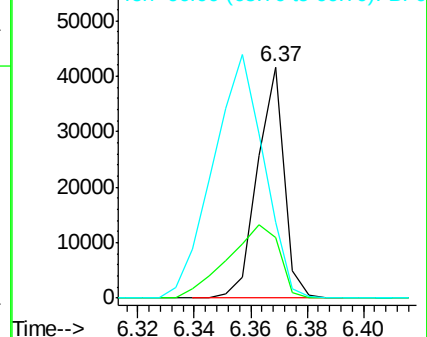
Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	33.1	23.1	63.1



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

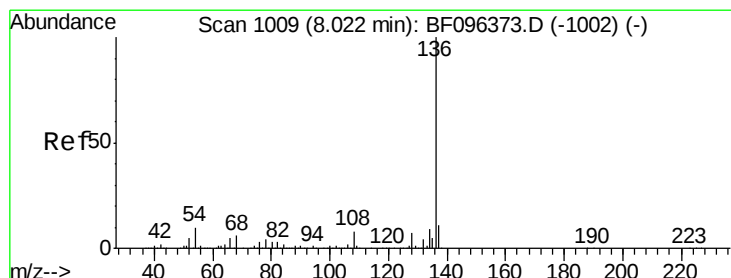
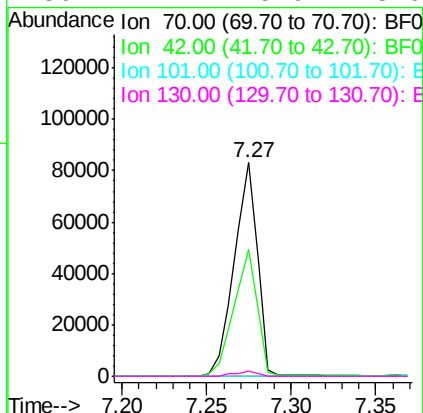
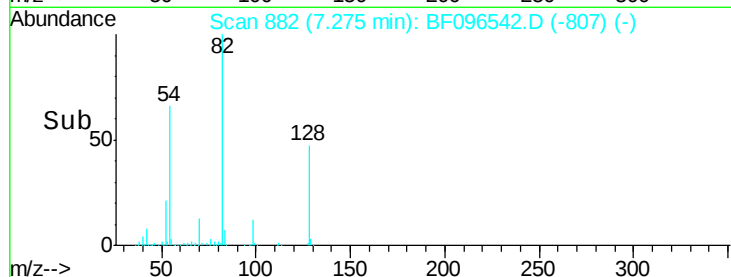
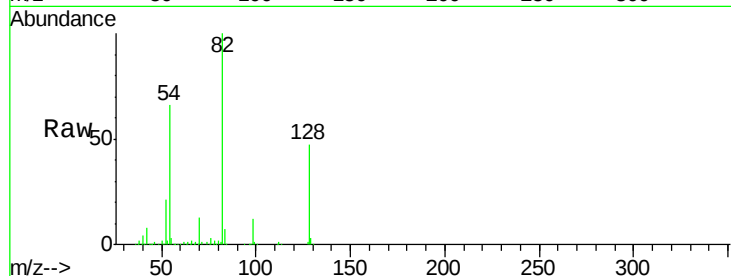




#19
n-Nitroso-di-n-propylamine
Concen: 12.93 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

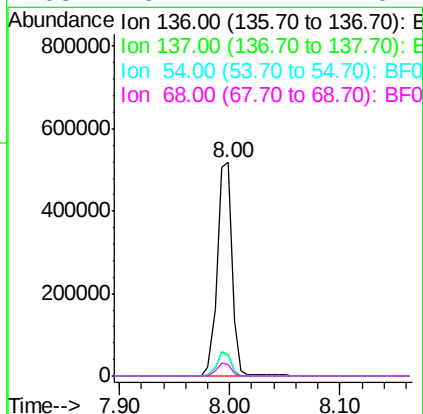
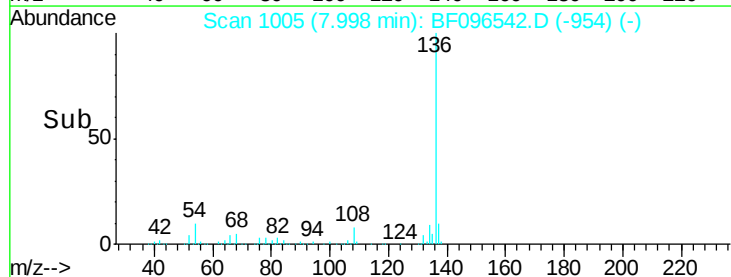
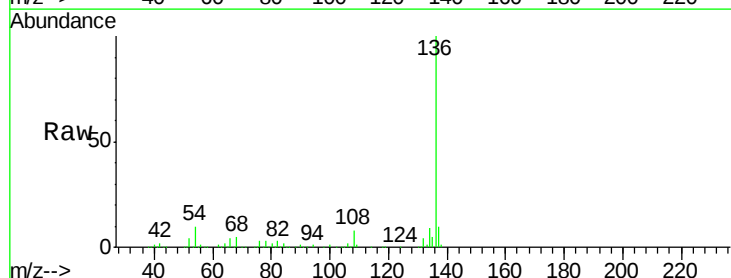
Instrument :
BNA_F
ClientSampleId :

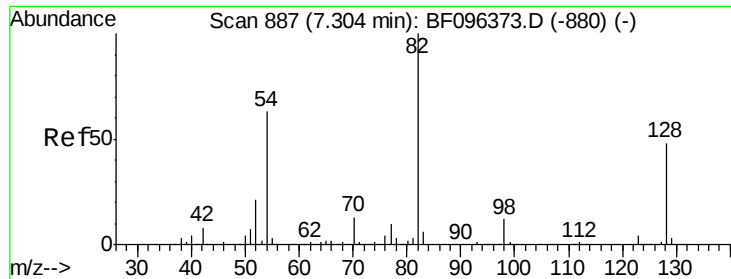
Tot Ion: 70 Resp: 79258
Ion Ratio Lower Upper
70 100
42 59.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Tgt Ion:136 Resp: 487240
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.6 4.9 7.3#
68 5.1 4.1 6.1

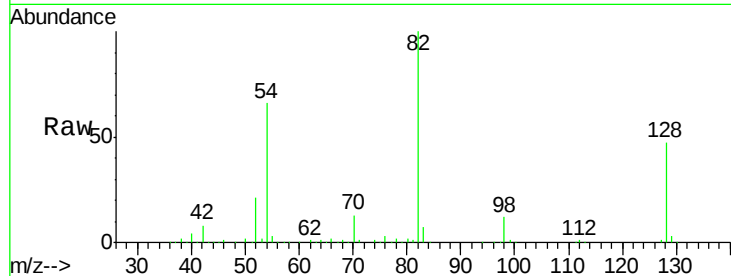




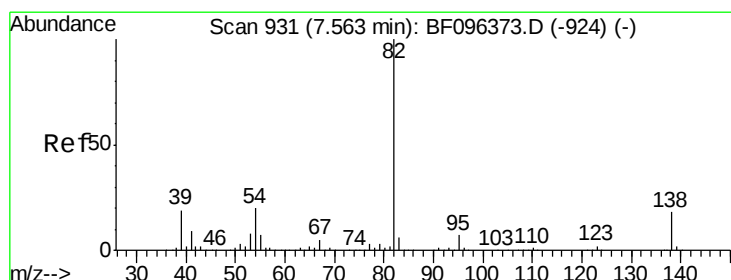
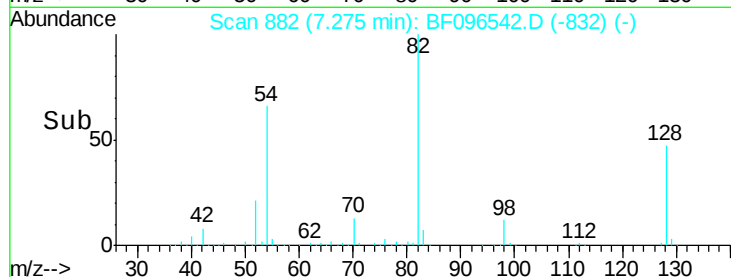
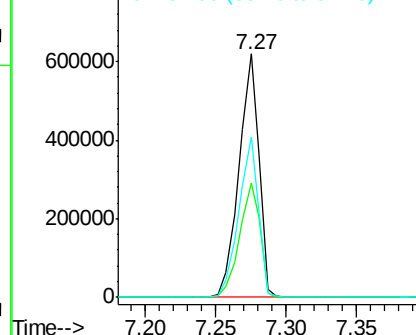
#23
 Nitrobenzene-d5
 Concen: 75.03 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 608405
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 66.1 42.2 63.2#

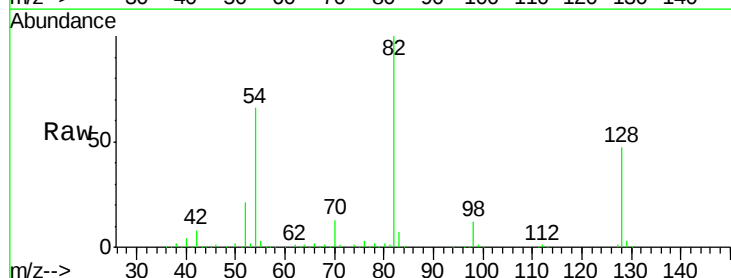


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

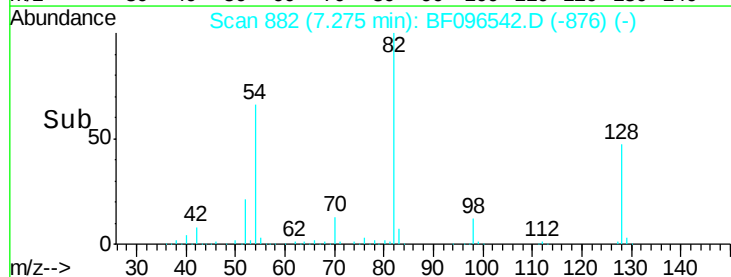
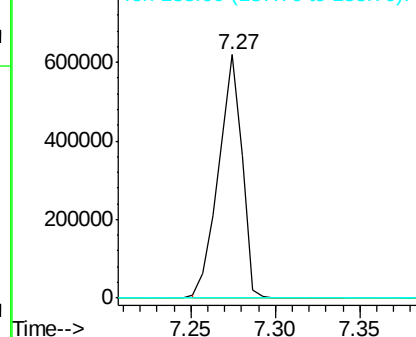


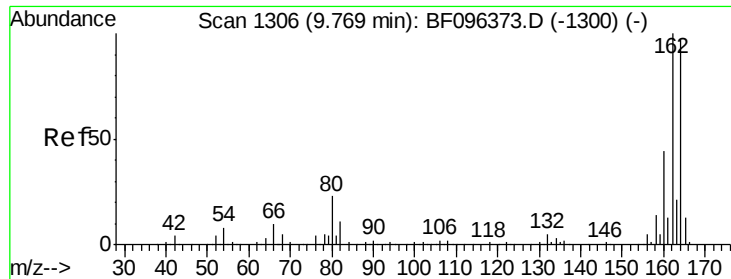
#25
 Isophorone
 Concen: 38.32 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Tgt Ion: 82 Resp: 602400
 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

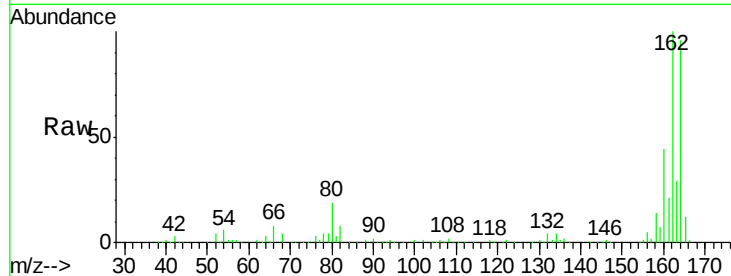




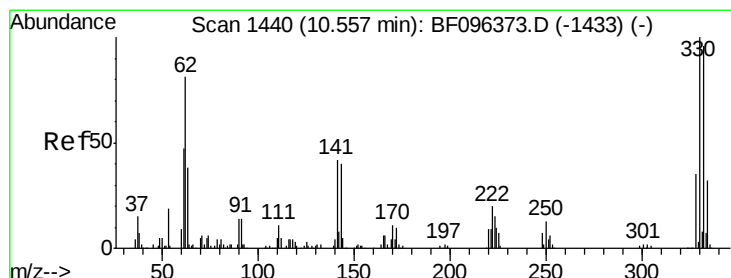
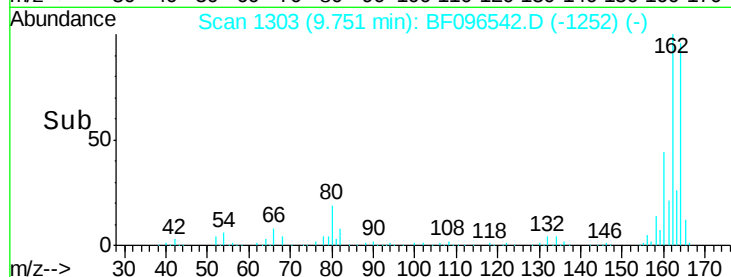
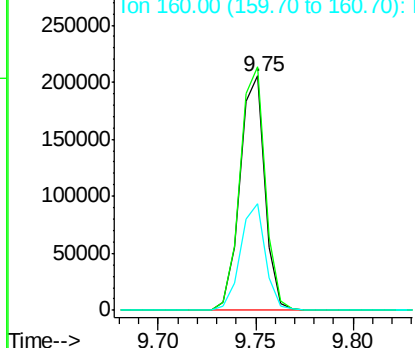
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 181681
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 45.3 36.2 54.2

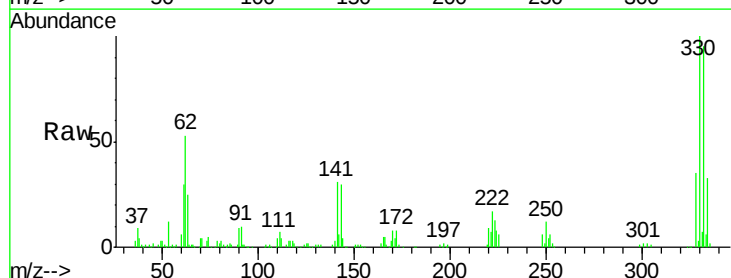


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

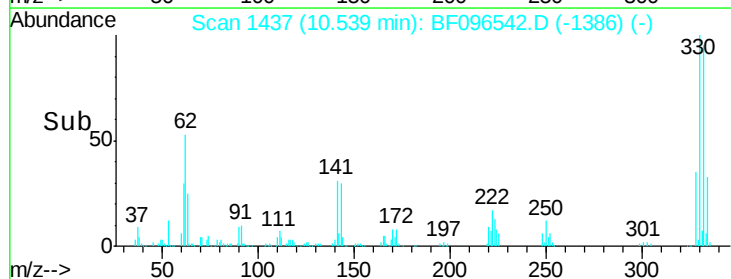
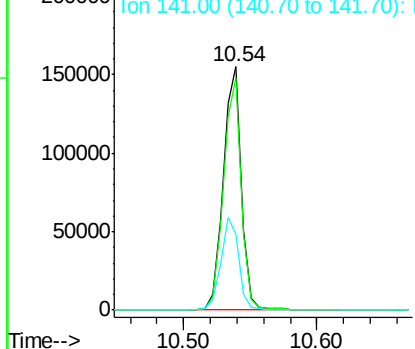


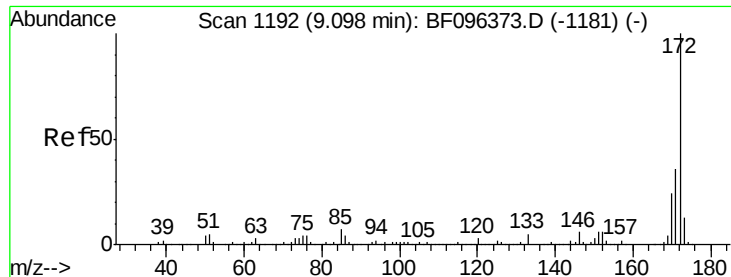
#41
 2,4,6-Tribromophenol
 Concen: 104.20 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Tgt Ion:330 Resp: 147882
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 37.3 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

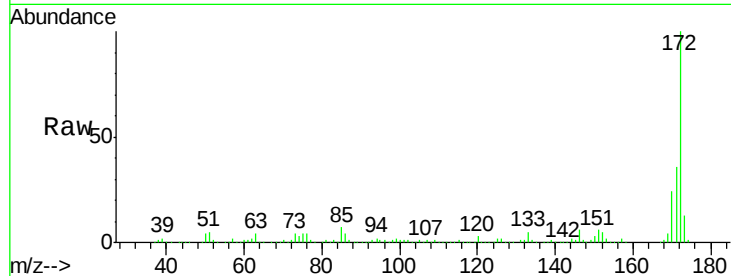




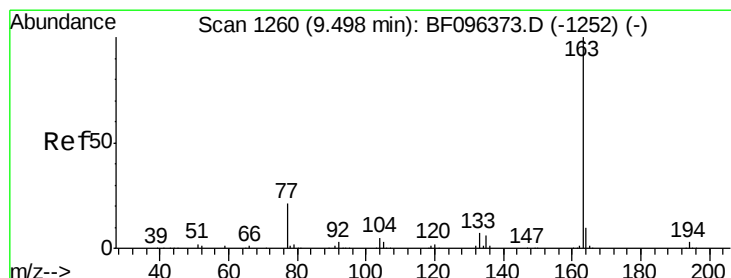
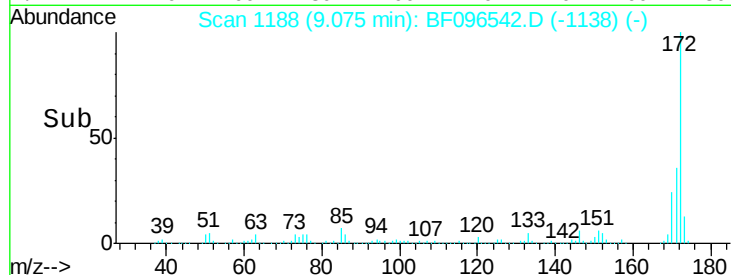
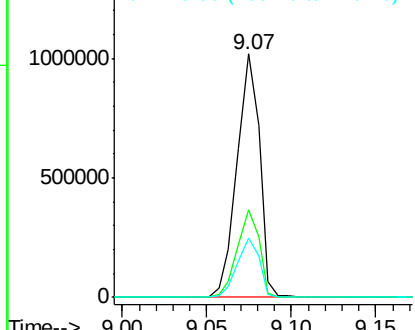
#44
 2-Fluorobiphenyl
 Concen: 89.53 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 951354
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.1 19.8 29.8

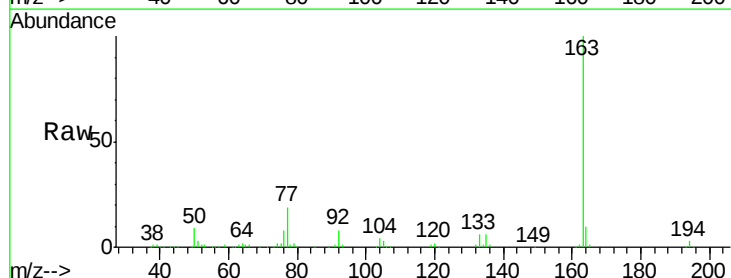


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

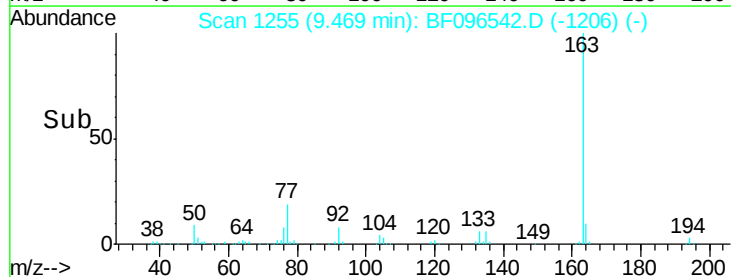
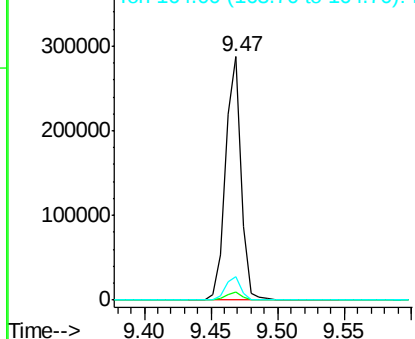


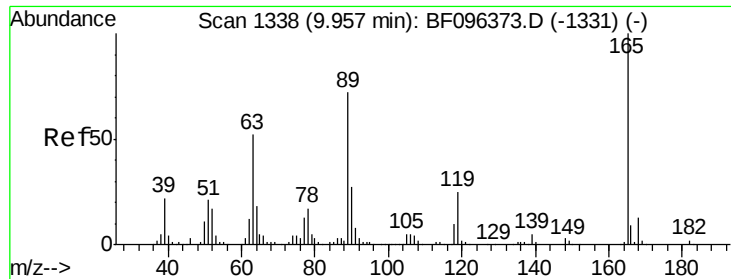
#49
 Dimethylphthalate
 Concen: 17.53 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Tgt Ion:163 Resp: 237708
 Ion Ratio Lower Upper
 163 100
 194 3.3 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

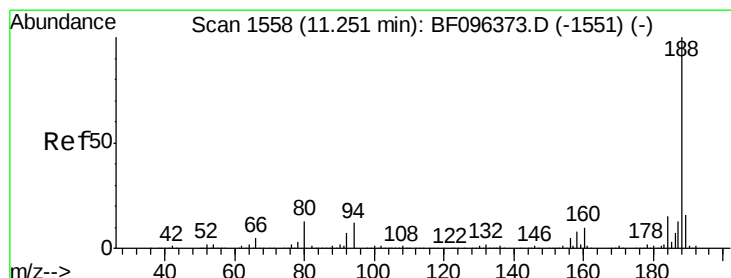
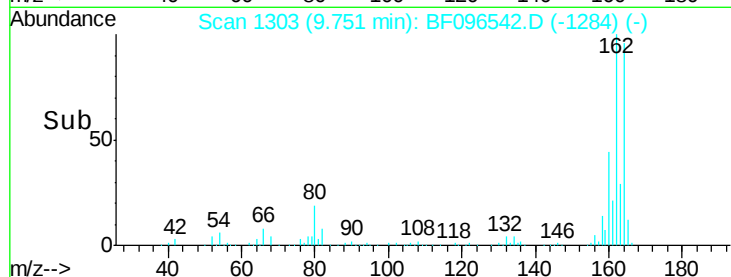
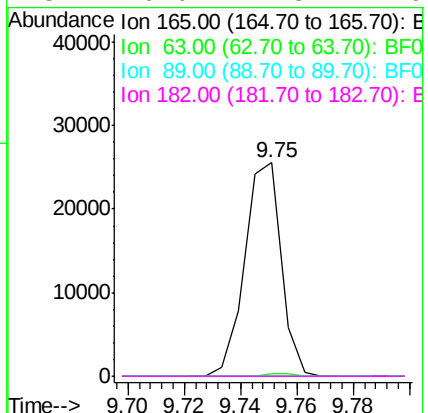
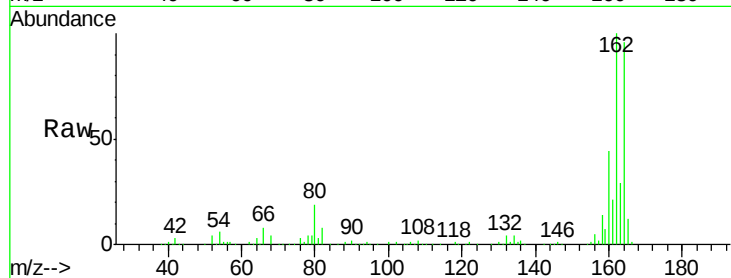




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

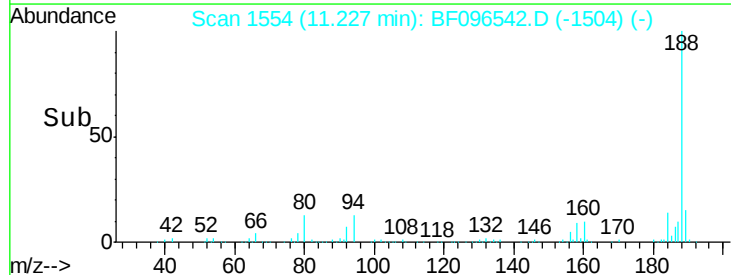
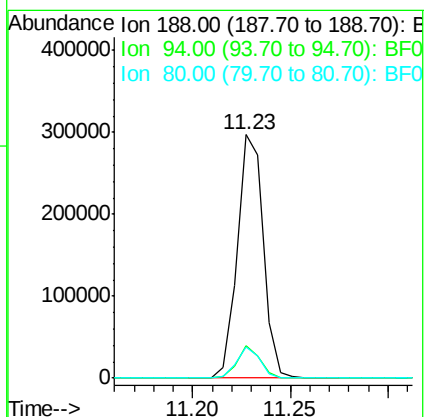
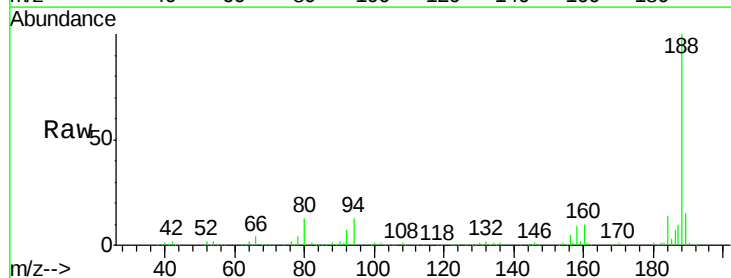
Instrument :
 BNA_F
 ClientSampleId :

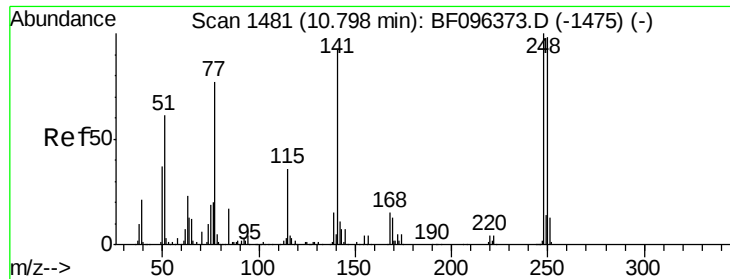
Tot Ion:165	Resp:	22994
Ion Ratio	Lower	Upper
165	100	
63	1.3	25.4 38.0#
89	0.0	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Tgt Ion:188	Resp:	273340
Ion Ratio	Lower	Upper
188	100	
94	13.1	9.4 14.2
80	12.8	10.2 15.2

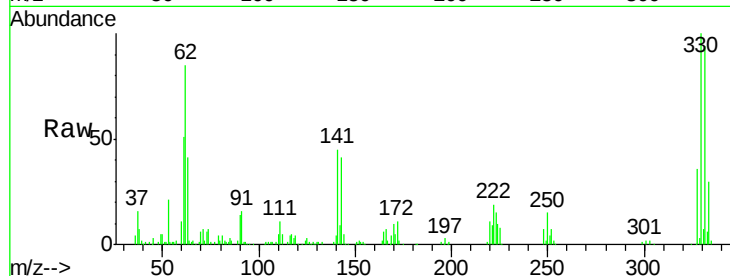




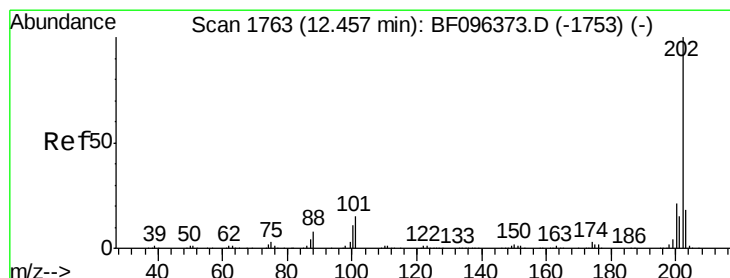
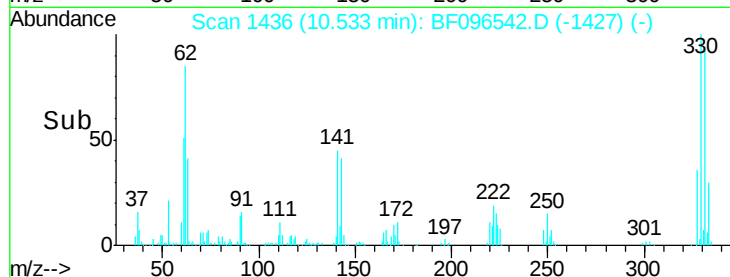
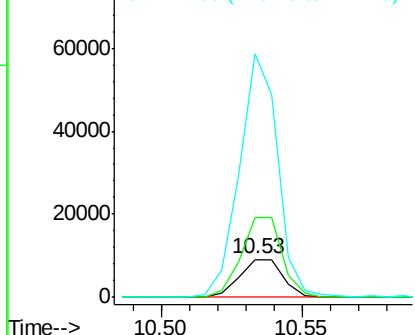
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 9709
 Ion Ratio Lower Upper
 248 100
 250 210.7 76.8 115.2#
 141 638.9 68.6 103.0#

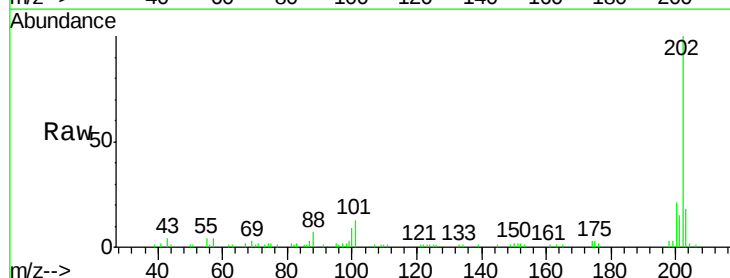


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

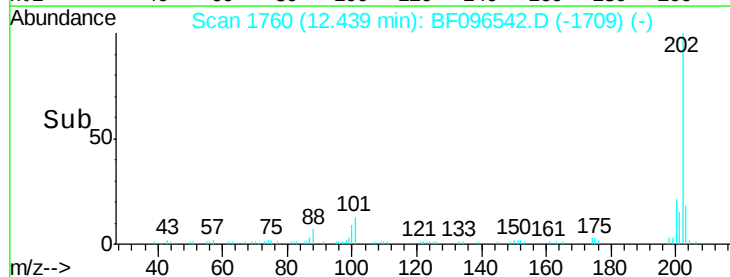
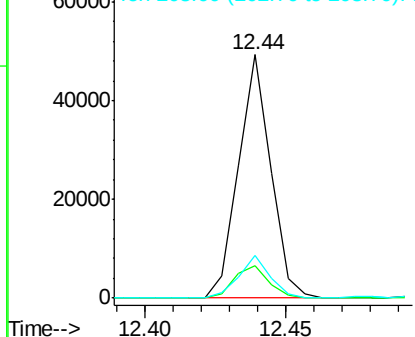


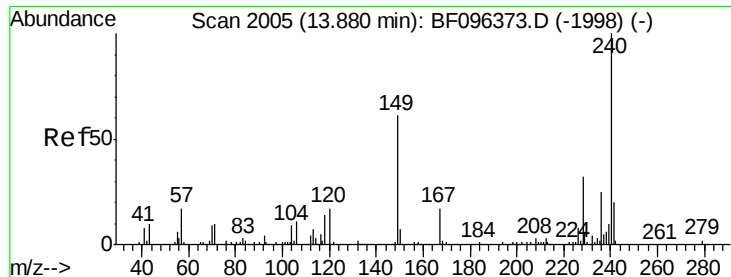
#74
 Fluoranthene
 Concen: 2.70 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Tgt Ion:202 Resp: 39044
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 33.2
 203 17.7 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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

Instrument :

BNA_F

ClientSampleId :

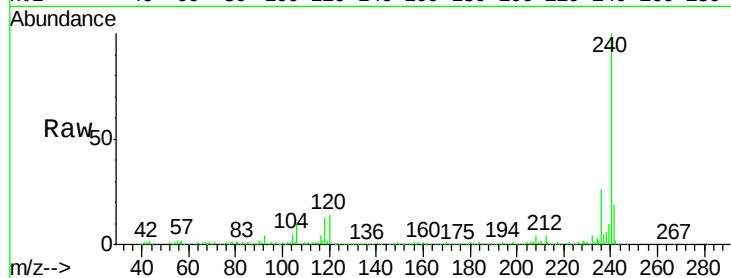
Tot Ion:240 Resp: 241820

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

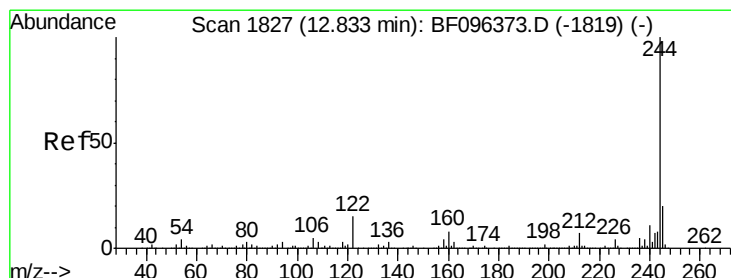
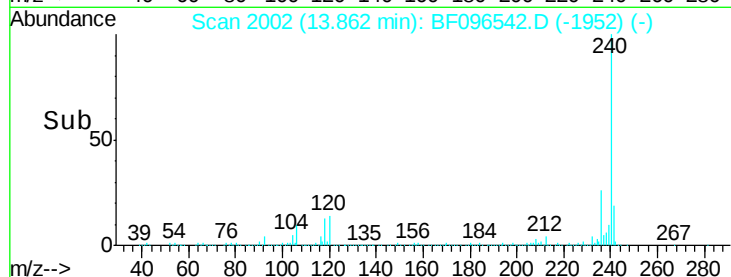
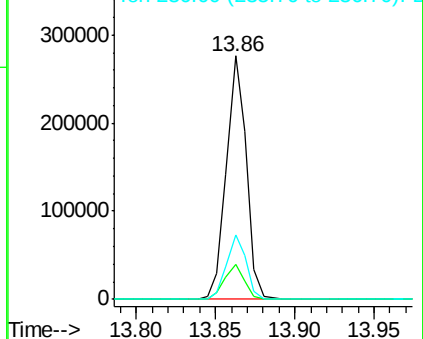
236 26.4 20.5 30.7



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: 56.67 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

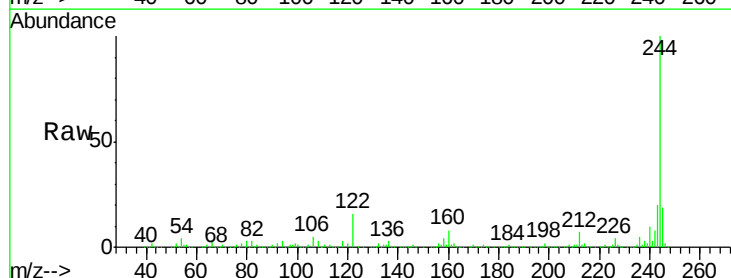
Tgt Ion:244 Resp: 641323

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

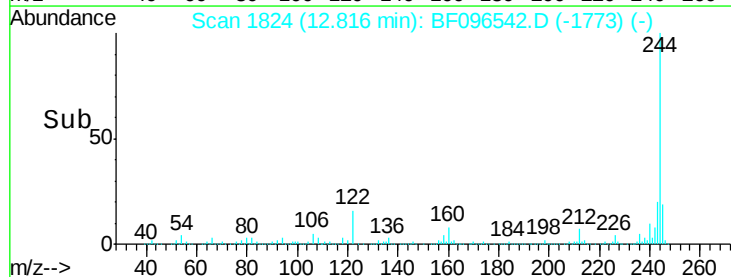
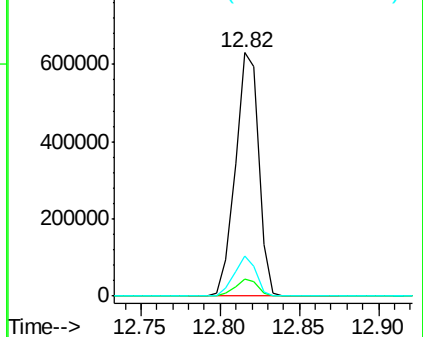
122 16.3 10.3 15.5#

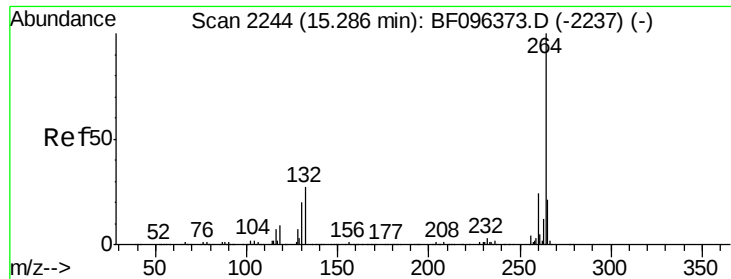


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

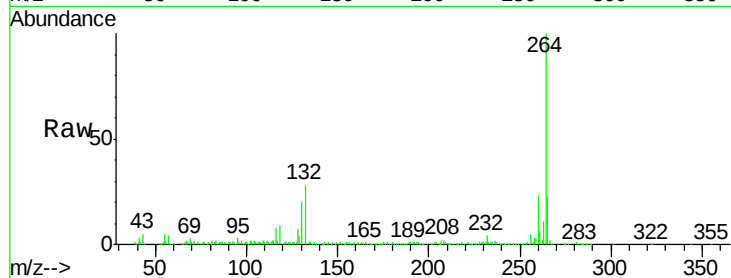




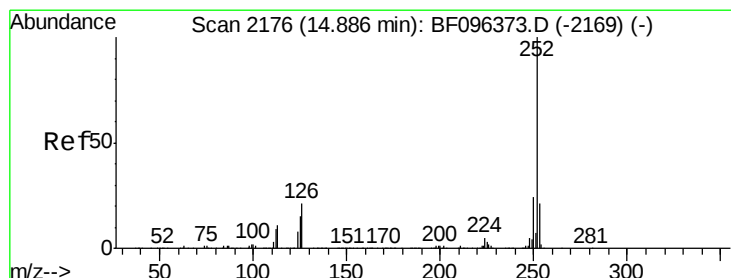
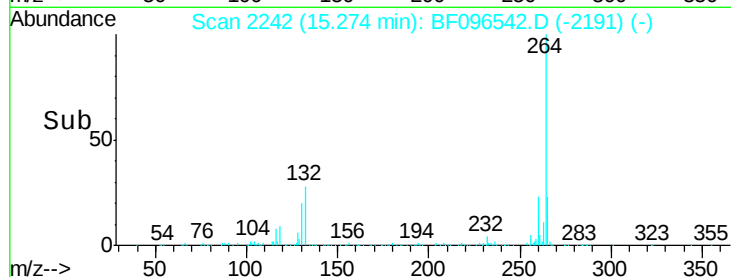
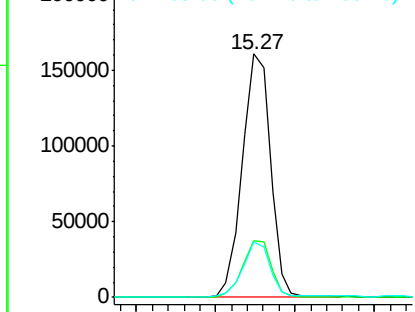
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 199716
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 23.0 17.2 25.8

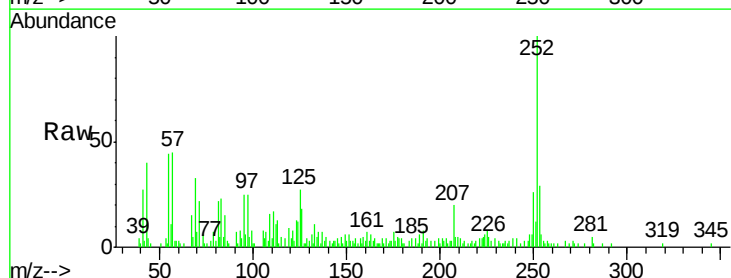


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

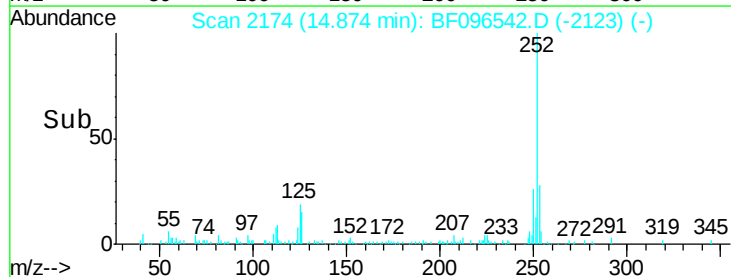
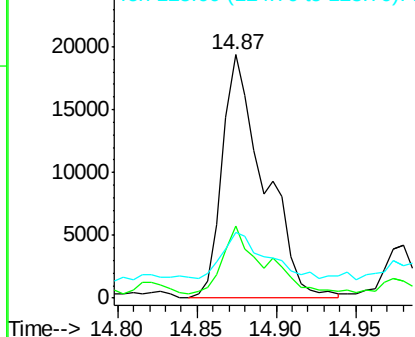


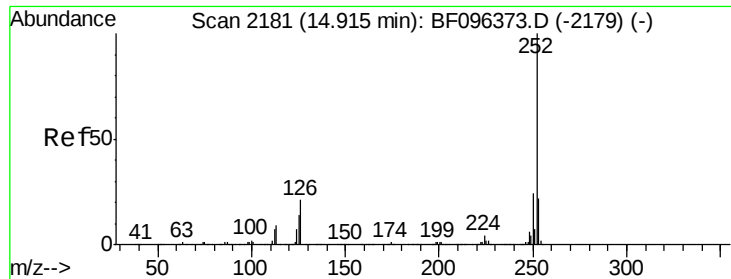
#87
Benzo(b)fluoranthene
Concen: 2.86 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Tgt Ion:252 Resp: 35798
Ion Ratio Lower Upper
252 100
253 29.4 18.1 27.1#
125 27.1 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88
 Benzo(k)fluoranthene
 Concen: 3.20 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.03 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.4	27.6#
125	27.1	13.1	19.7#

