

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096408.D
 Acq On : 2 Jul 2017 11:34
 Operator : SJ/MA
 Sample : I3950-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:29:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

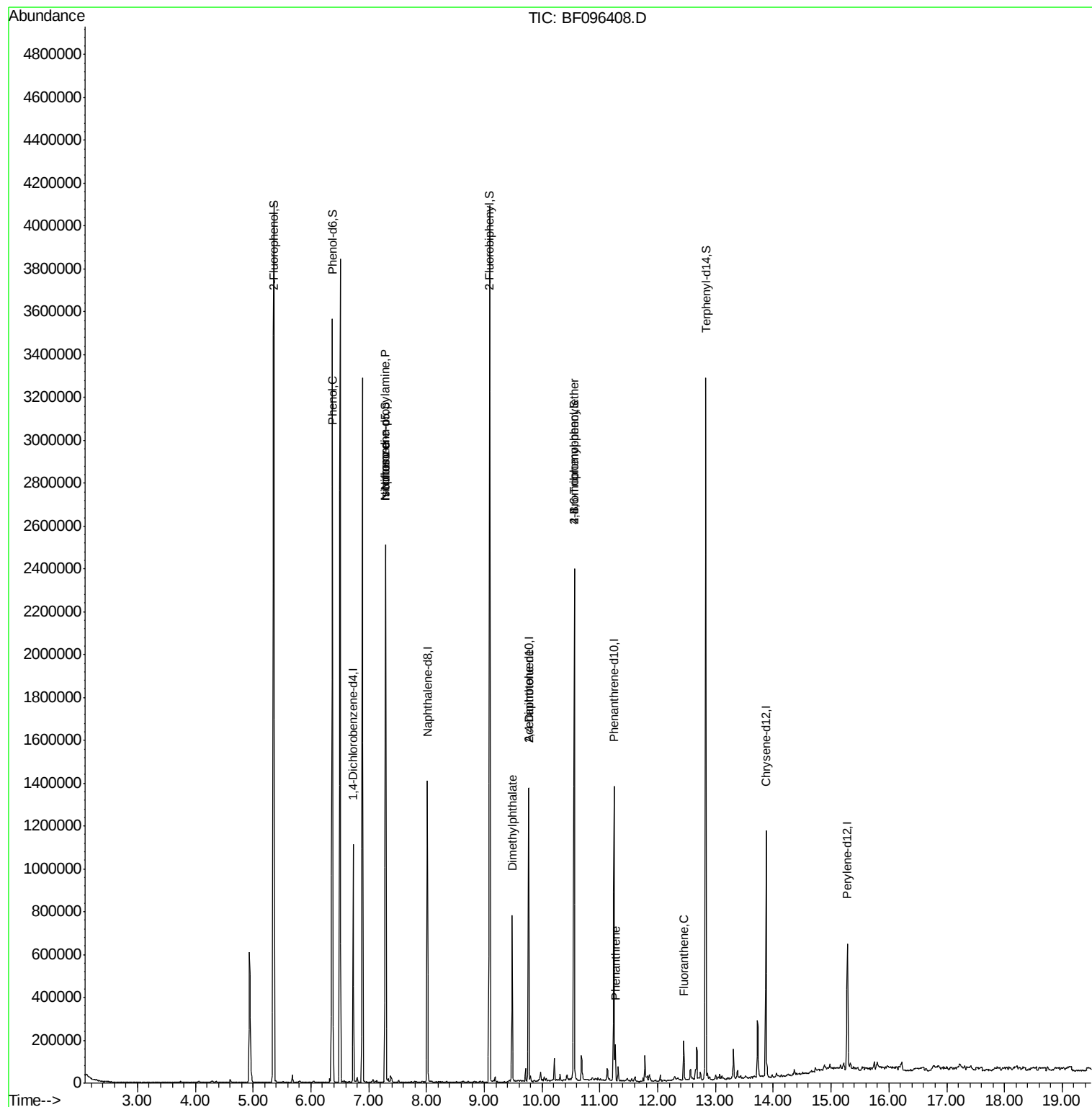
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148659	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	638843	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	296991	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	464083	20.00	ng	0.00
75) Chrysene-d12	13.87	240	373758	20.00	ng	0.00
86) Perylene-d12	15.28	264	249519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1319840	131.04	ng	0.01
7) Phenol-d6	6.37	99	1505451	121.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	946055	88.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	312869	134.87	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1501400	86.44	ng	0.00
78) Terphenyl-d14	12.83	244	1120027	64.03	ng	0.00
Target Compounds						
10) Phenol	6.39	94	30499	2.16	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.29	70	126782	17.19	ng	# 89
25) Isophorone	7.29	82	935832	45.40	ng	# 67
49) Dimethylphthalate	9.49	163	341209	15.39	ng	98
56) 2,4-Dinitrotoluene	9.76	165	36696	5.91	ng	# 33
66) 4-Bromophenyl-phenylether	10.56	248	20443	4.53	ng	# 1
70) Phenanthrene	11.27	178	63821	2.54	ng	96
74) Fluoranthene	12.45	202	61252	2.49	ng	96

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

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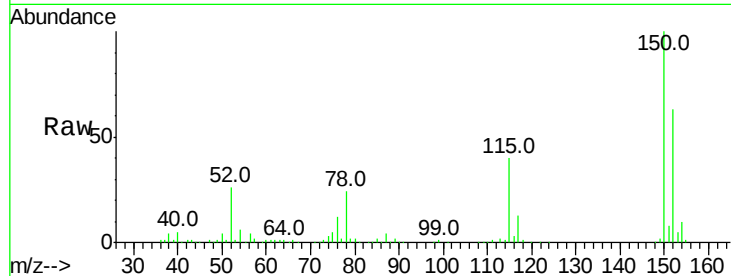


#1

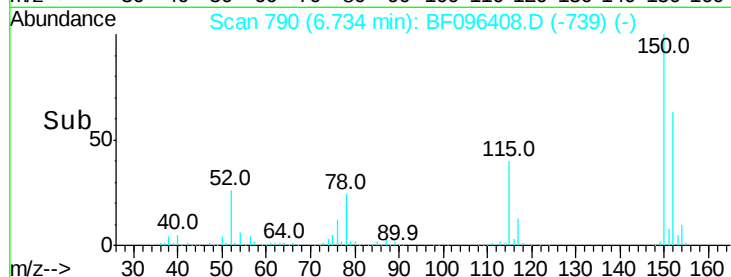
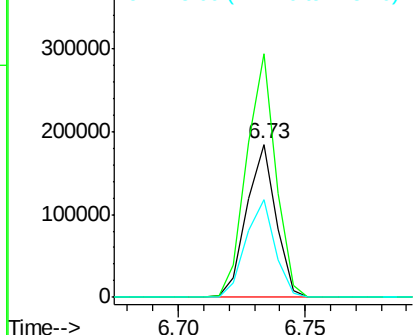
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148659
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 63.8 52.2 78.2



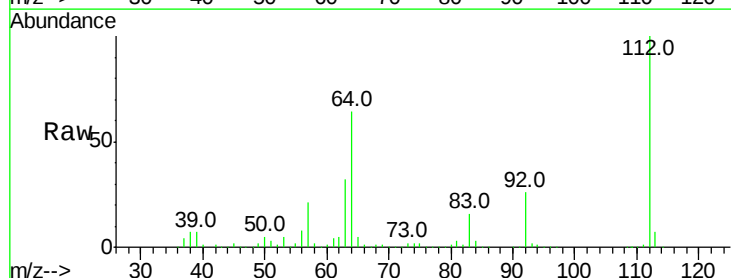
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



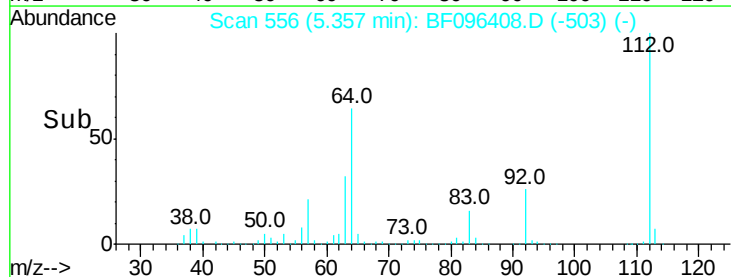
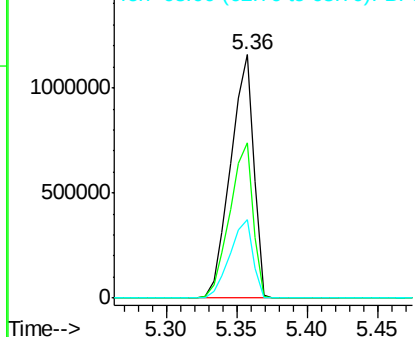
#5

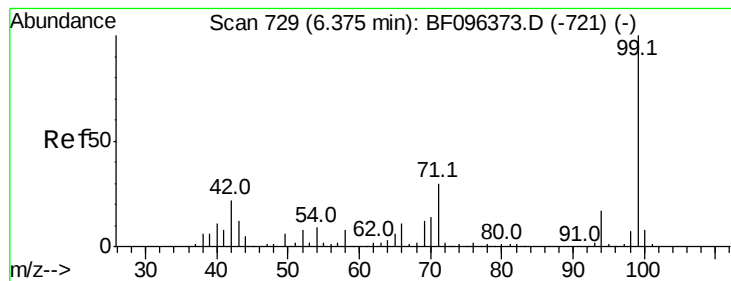
2-Fluorophenol
Concen: 131.04 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:112 Resp: 1319840
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 32.4 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: 121.58 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096408.D

Acq: 2 Jul 2017 11:34

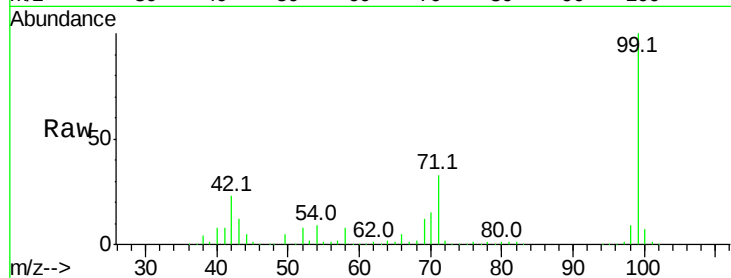
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1505451

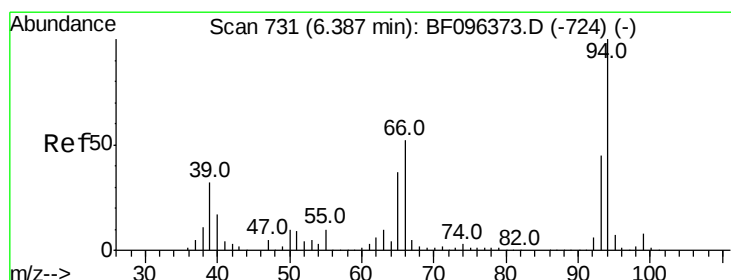
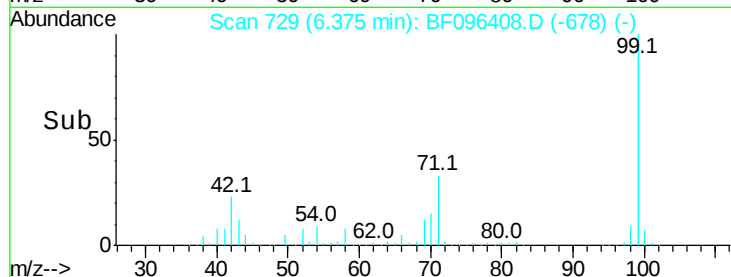
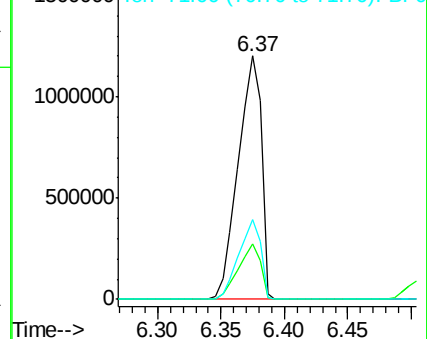
Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	32.5	24.5	36.7



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: 2.16 ng

RT: 6.39 min Scan# 731

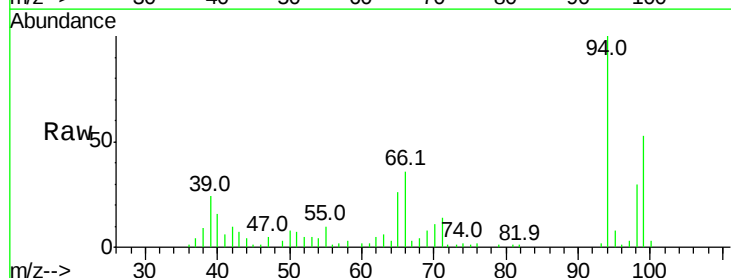
Delta R.T. -0.00 min

Lab File: BF096408.D

Acq: 2 Jul 2017 11:34

Tgt Ion: 94 Resp: 30499

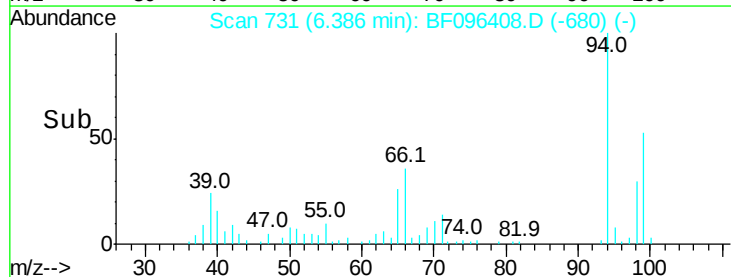
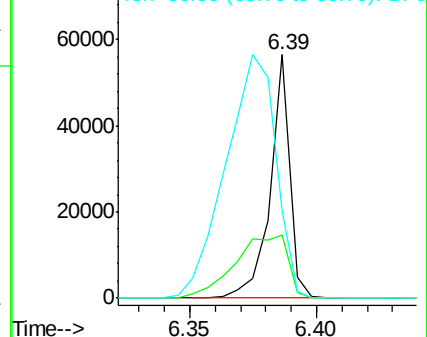
Ion	Ratio	Lower	Upper
94	100		
65	26.1	9.9	49.9
66	35.7	23.1	63.1

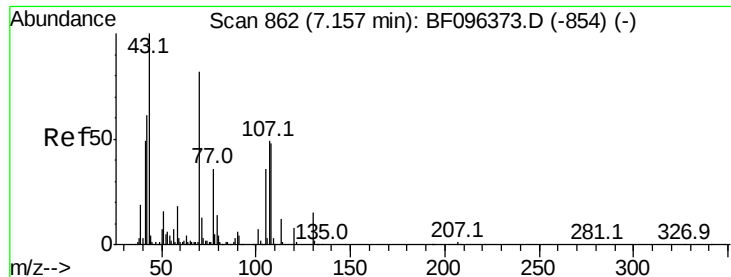


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

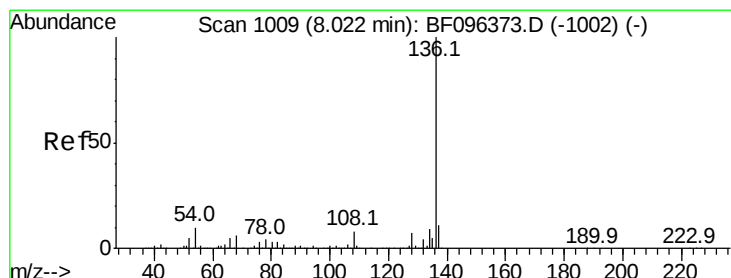
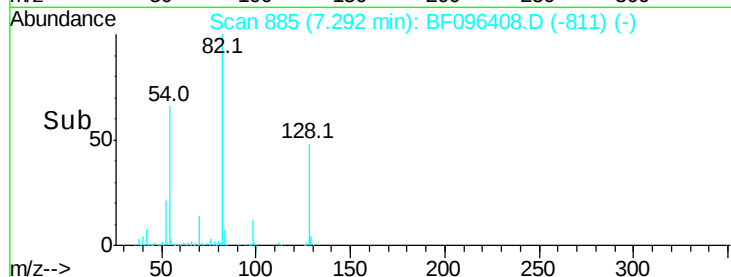
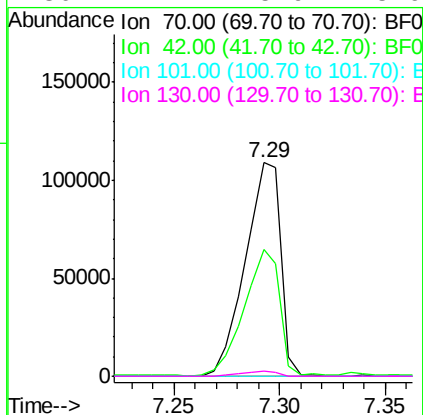
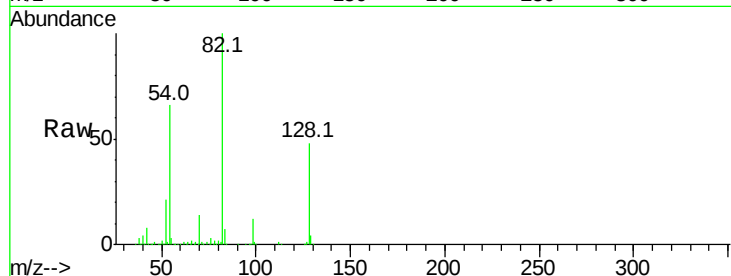




#19
n-Nitroso-di-n-propylamine
Concen: 17.19 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

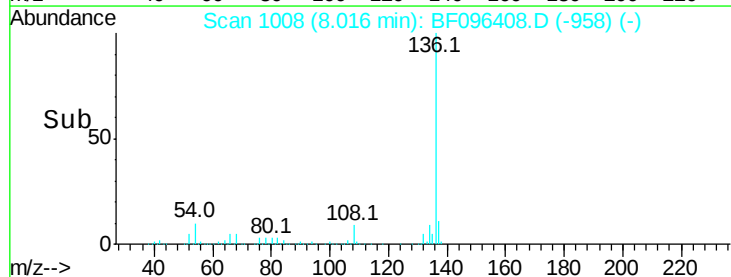
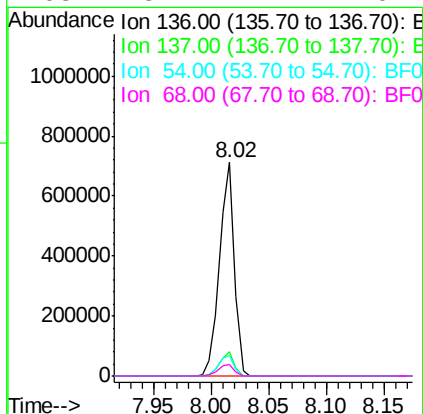
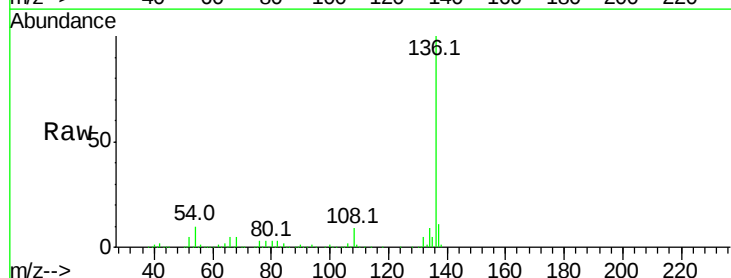
Instrument :
BNA_F
ClientSampleId :

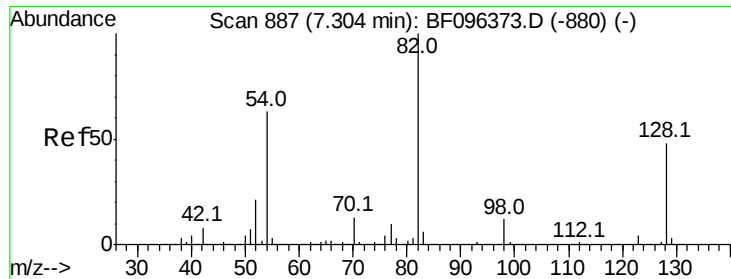
Tot Ion: 70 Resp: 126782
Ion Ratio Lower Upper
70 100
42 59.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:136 Resp: 638843
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.7 4.9 7.3#
68 5.4 4.1 6.1

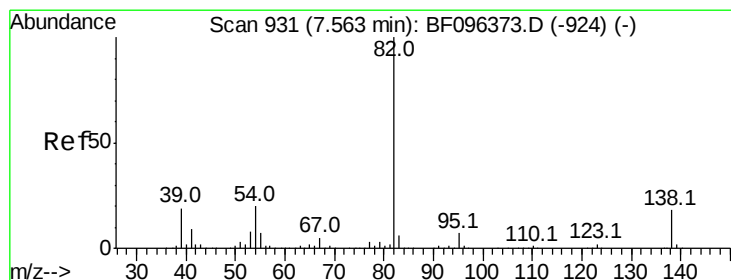
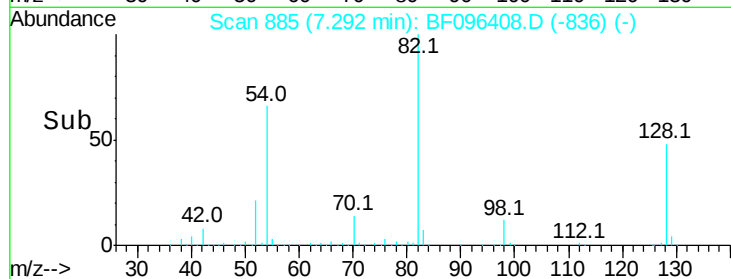
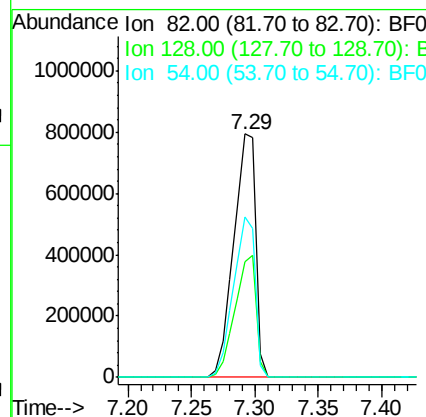
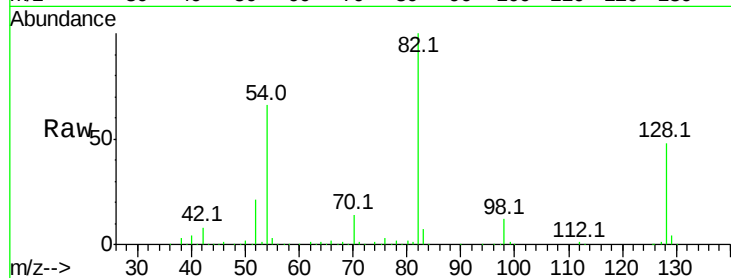




#23
 Nitrobenzene-d5
 Concen: 88.99 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

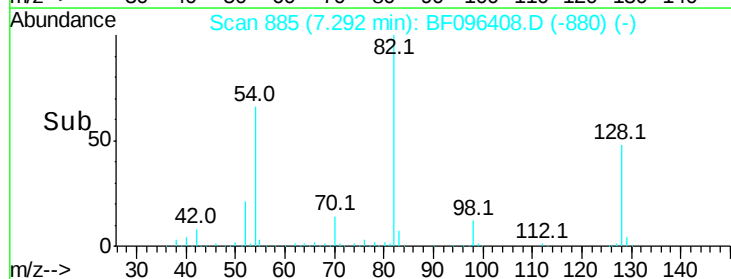
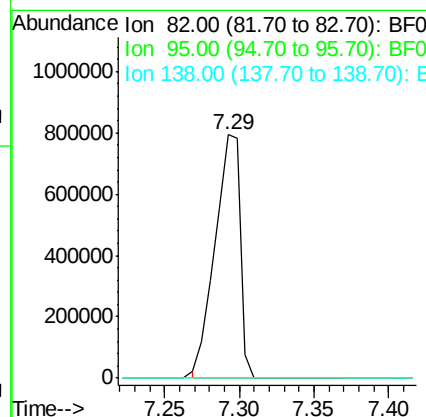
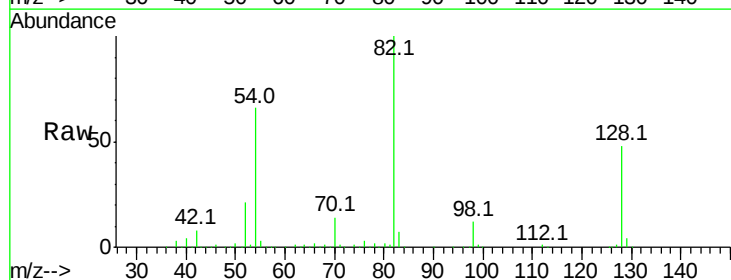
Instrument :
 BNA_F
 ClientSampled :

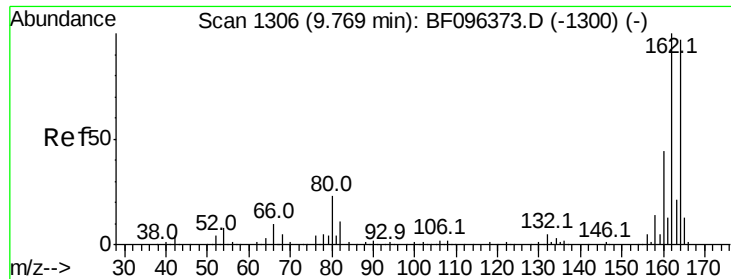
Tot Ion: 82 Resp: 946055
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 65.9 42.2 63.2#



#25
 Isophorone
 Concen: 45.40 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.27 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Tgt Ion: 82 Resp: 935832
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

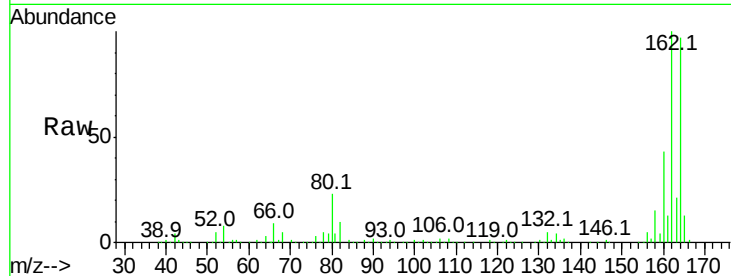




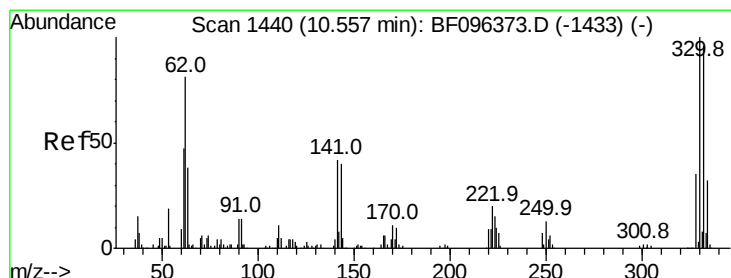
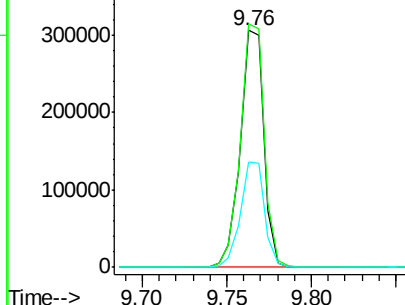
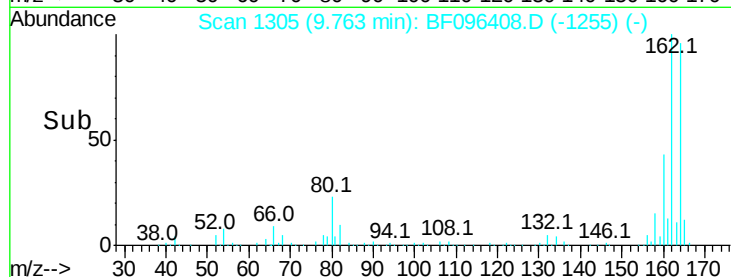
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 296991
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 44.5 36.2 54.2

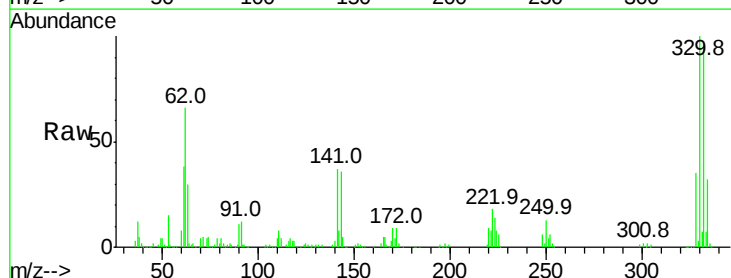


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

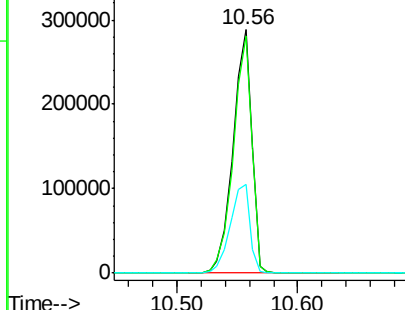
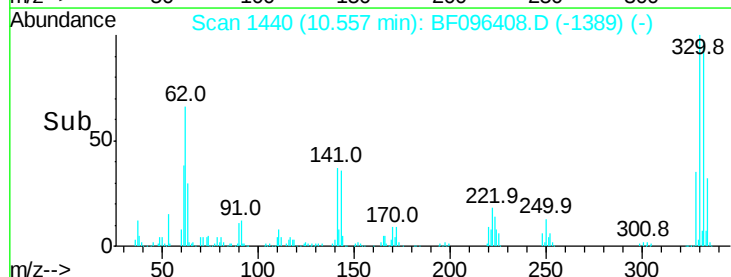


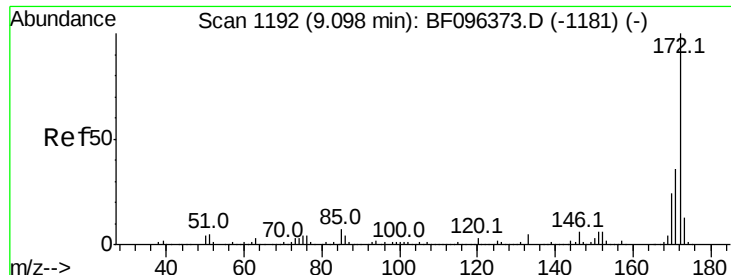
#41
2,4,6-Tribromophenol
Concen: 134.87 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF096408.D
Acq: 2 Jul 2017 11:34

Tgt Ion:330 Resp: 312869
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 38.5 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

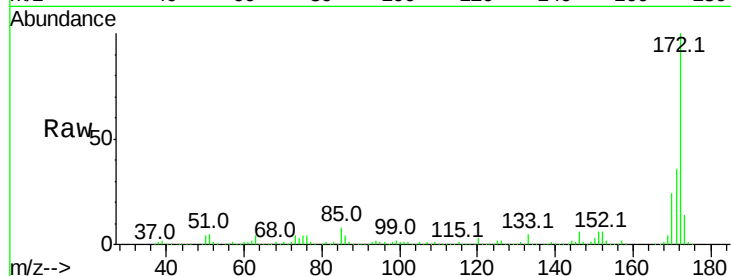




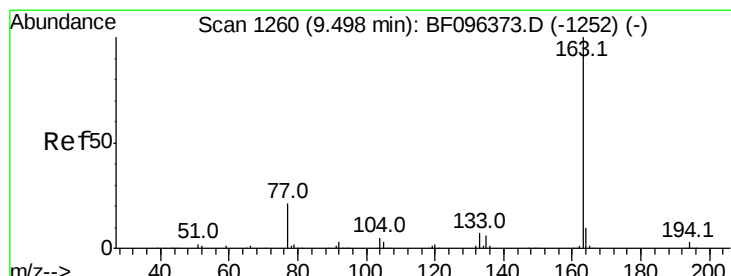
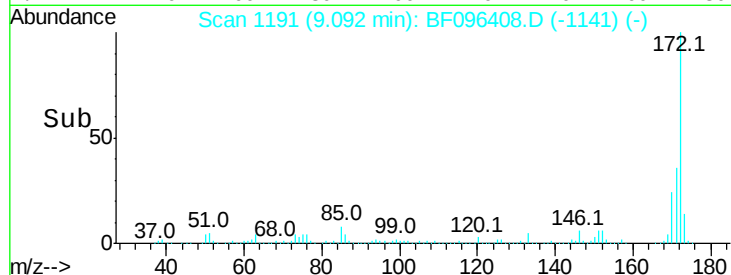
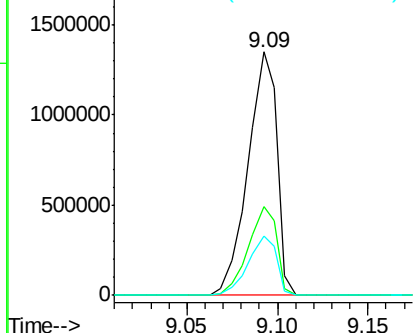
#44
 2-Fluorobiphenyl
 Concen: 86.44 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1501400
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.4 19.8 29.8

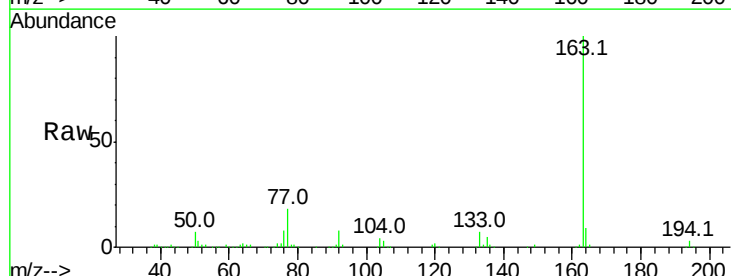


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

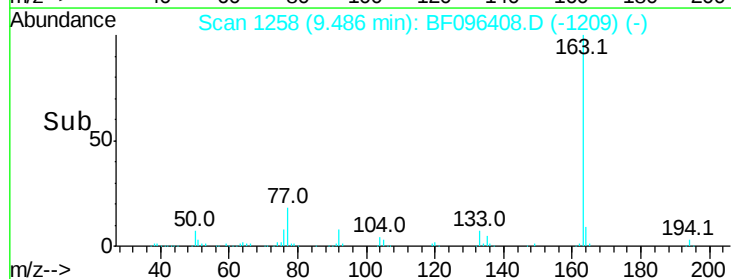
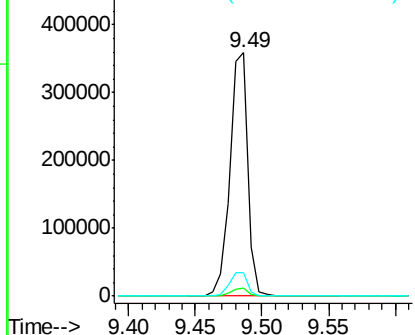


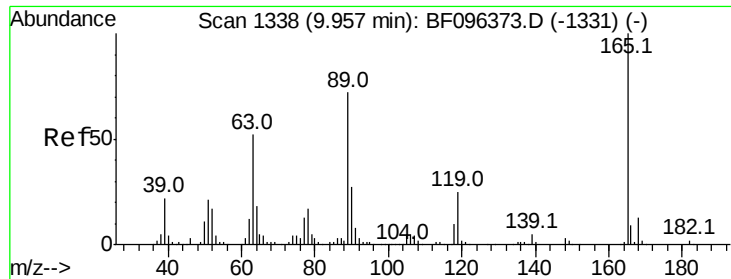
#49
 Dimethylphthalate
 Concen: 15.39 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Tgt Ion:163 Resp: 341209
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.5 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

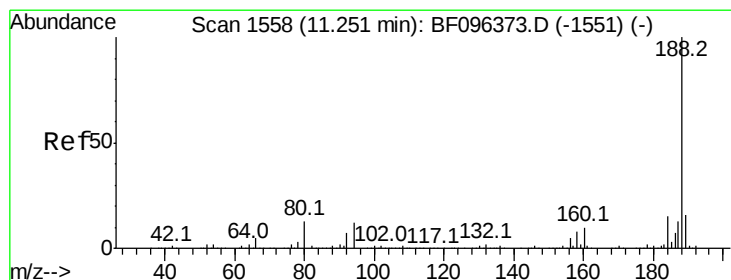
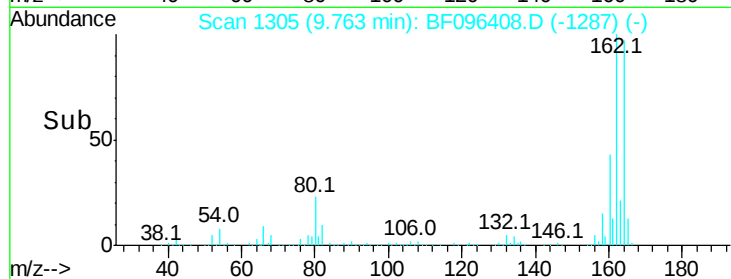
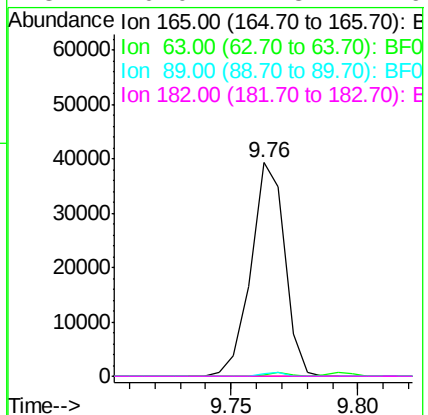
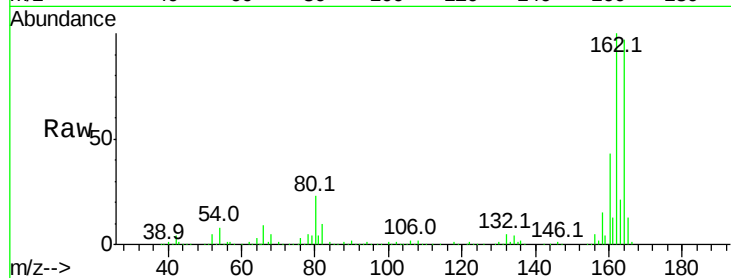




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

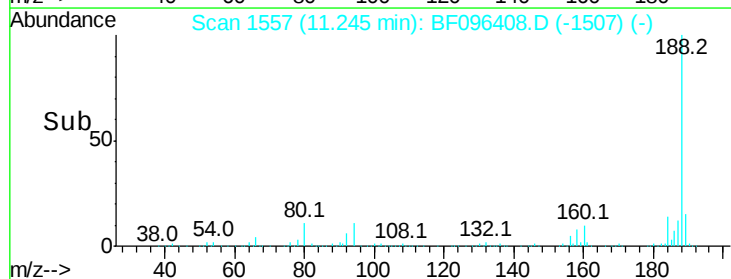
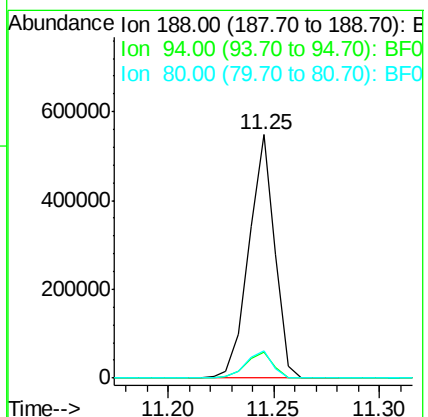
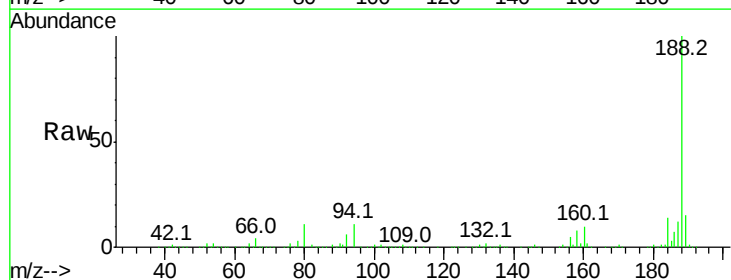
Instrument :
 BNA_F
 ClientSampleId :

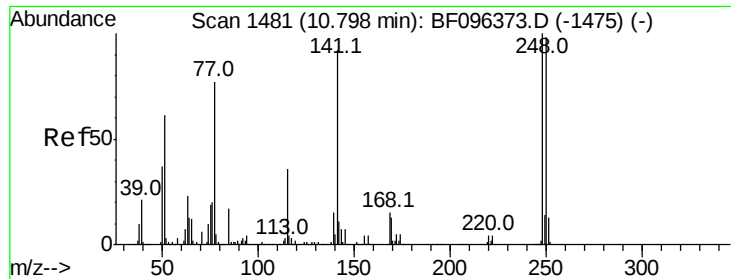
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.1	10.2	15.2

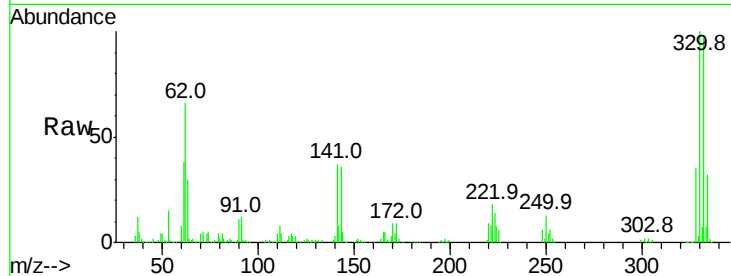




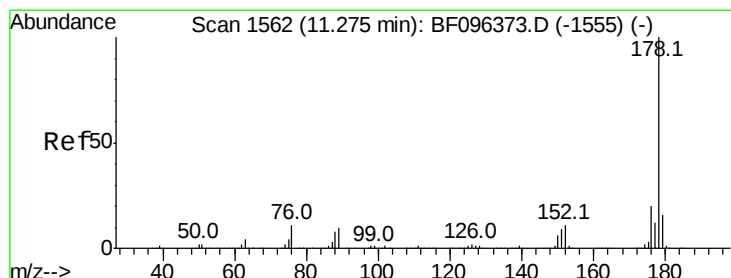
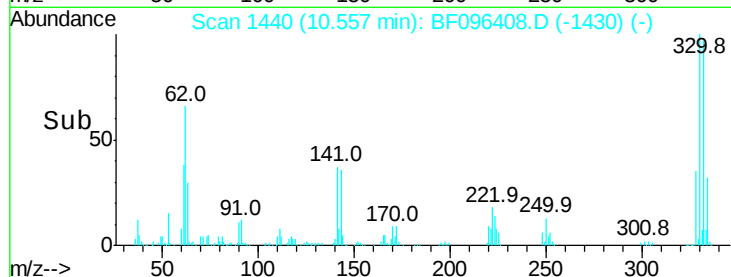
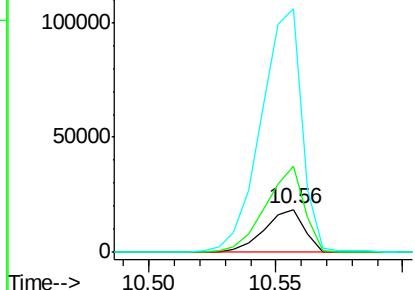
#66
 4-Bromophenyl-phenylether
 Concen: 4.53 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 20443
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.8 115.2#
 141 568.1 68.6 103.0#

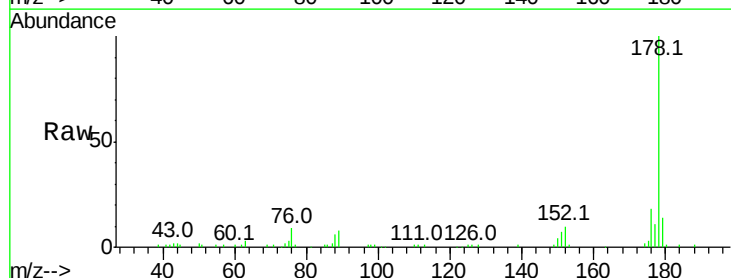


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

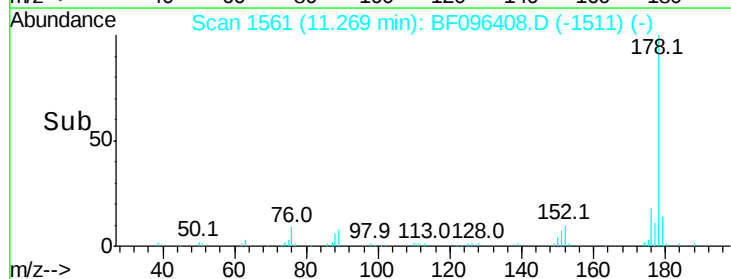
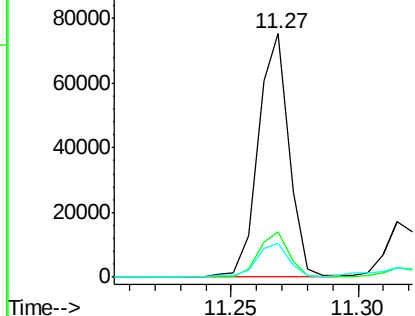


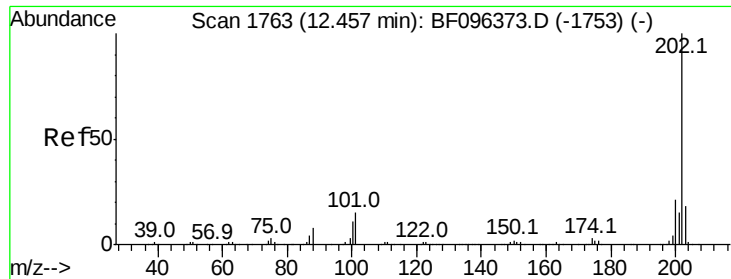
#70
 Phenanthrene
 Concen: 2.54 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Tgt Ion:178 Resp: 63821
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.2 24.4
 179 14.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

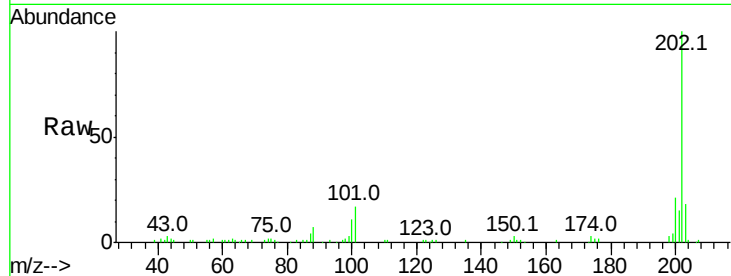




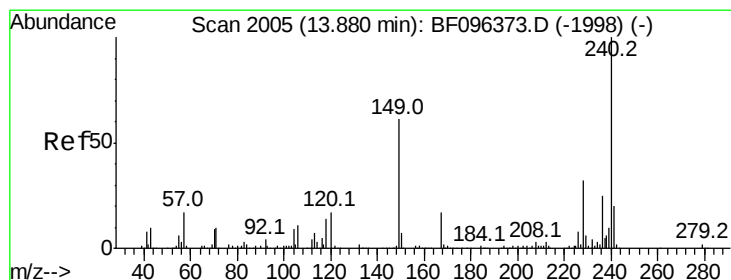
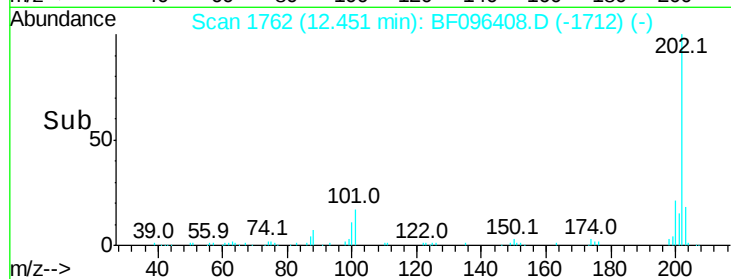
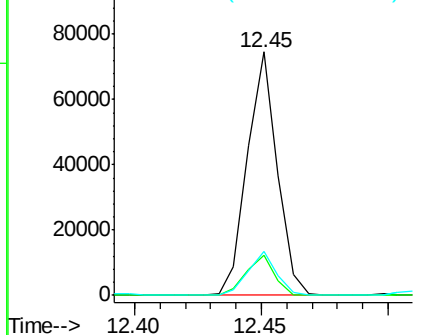
#74
 Fluoranthene
 Concen: 2.49 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 61252
 Ion Ratio Lower Upper
 202 100
 101 16.5 0.0 33.2
 203 17.8 0.0 38.1

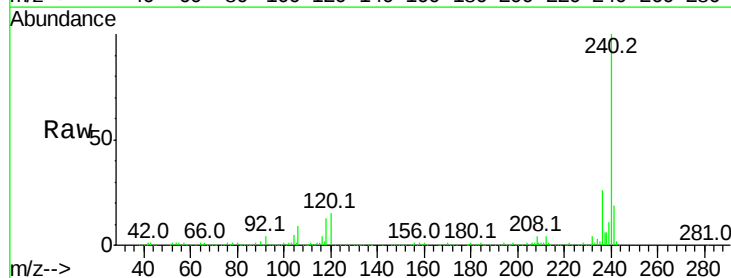


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

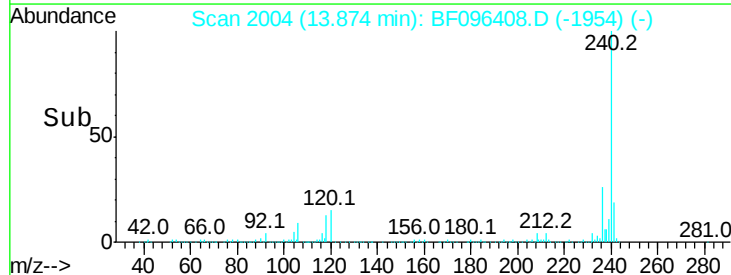
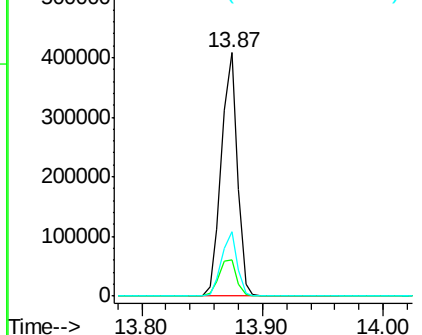


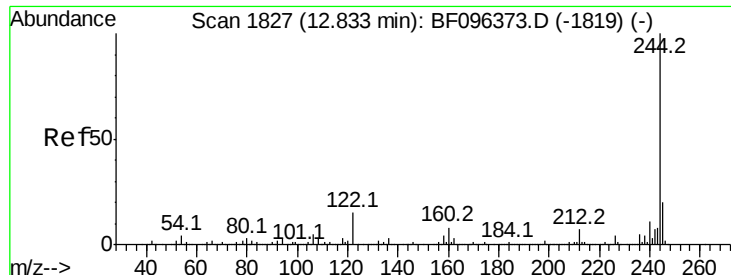
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF096408.D
 Acq: 2 Jul 2017 11:34

Tgt Ion:240 Resp: 373758
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 26.3 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: 64.03 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF096408.D

Acq: 2 Jul 2017 11:34

Instrument :

BNA_F

ClientSampleId :

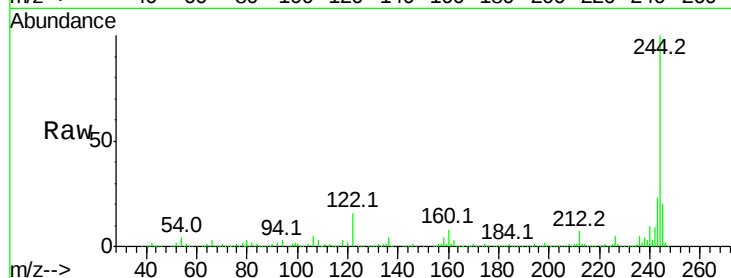
Tot Ion:244 Resp: 1120027

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

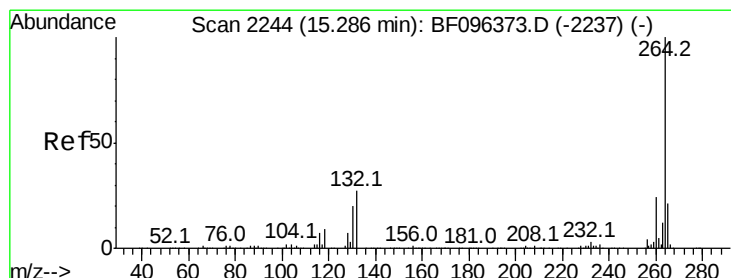
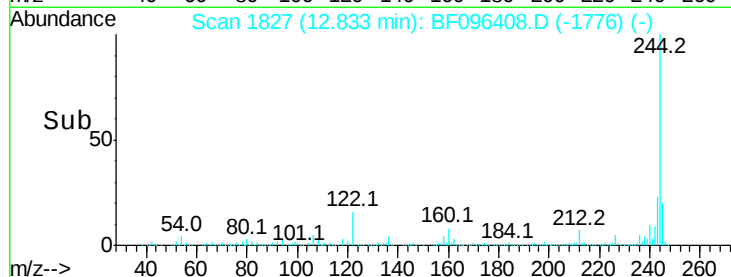
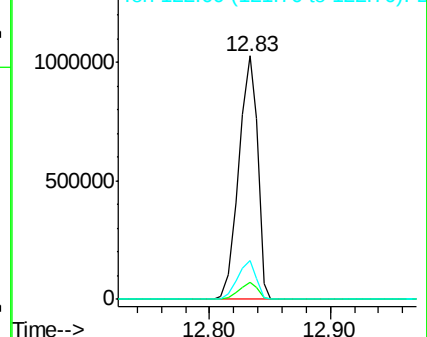
122 15.9 10.3 15.5#



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF096408.D

Acq: 2 Jul 2017 11:34

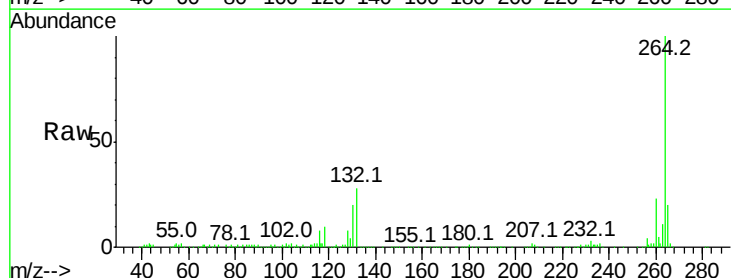
Tgt Ion:264 Resp: 249519

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 20.2 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

