

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096411.D
 Acq On : 2 Jul 2017 12:58
 Operator : SJ/MA
 Sample : I3950-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:29:58 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

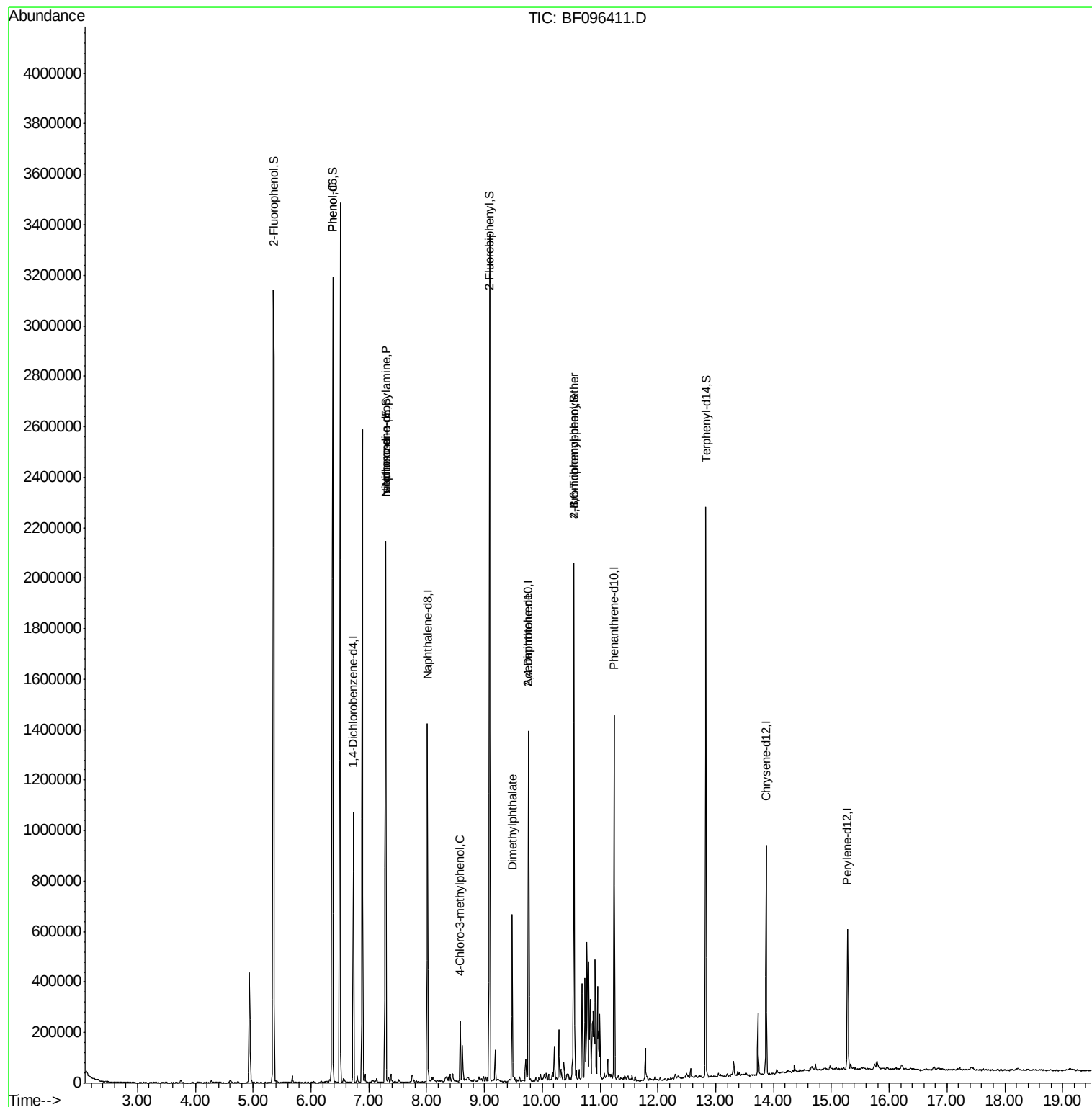
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	150737	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	650023	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	287329	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	474018	20.00	ng	0.00
75) Chrysene-d12	13.87	240	322316	20.00	ng	0.00
86) Perylene-d12	15.29	264	245016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	994953	97.42	ng	0.00
7) Phenol-d6	6.37	99	1218840	97.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	701705	64.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	240018	106.94	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1094356	65.12	ng	0.00
78) Terphenyl-d14	12.83	244	767978	50.91	ng	0.00
Target Compounds						
10) Phenol	6.38	94	28826	2.02	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.29	70	92406	12.35	ng	# 88
25) Isophorone	7.29	82	694582	33.12	ng	# 67
36) 4-Chloro-3-methylphenol	8.58	107	25769	2.64	ng	# 14
49) Dimethylphthalate	9.48	163	257541	12.01	ng	99
56) 2,4-Dinitrotoluene	9.76	165	35425	5.90	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	16084	3.49	ng	# 1

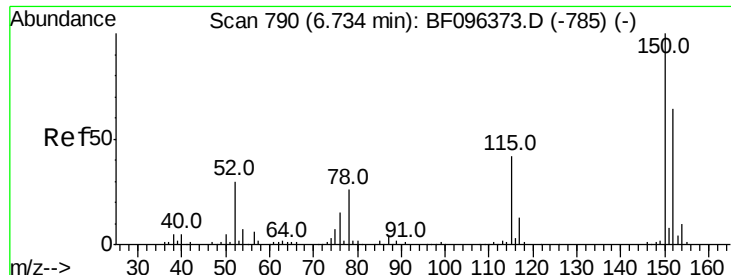
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

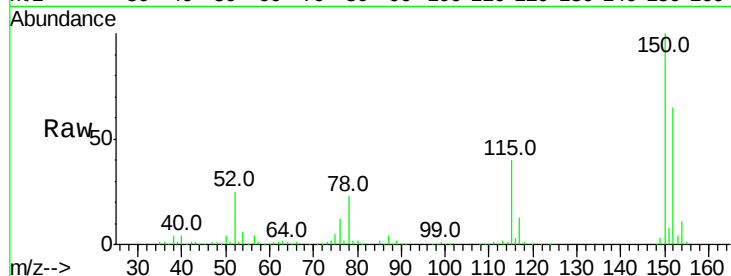
Tot Ion:152 Resp: 150737

Ion Ratio Lower Upper

152 100

150 153.3 126.2 189.2

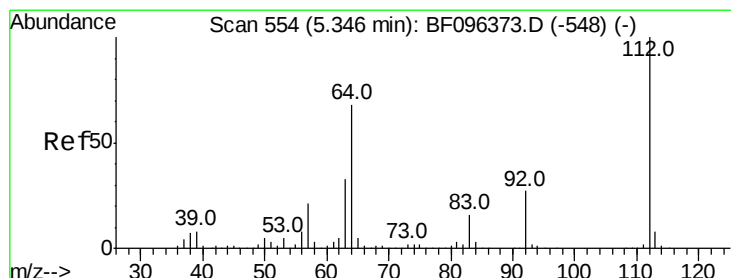
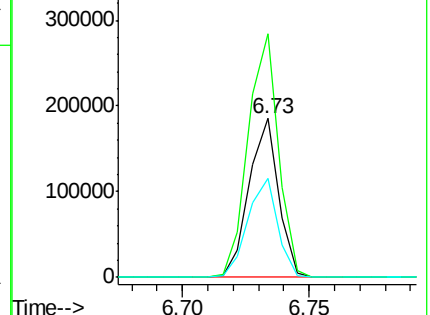
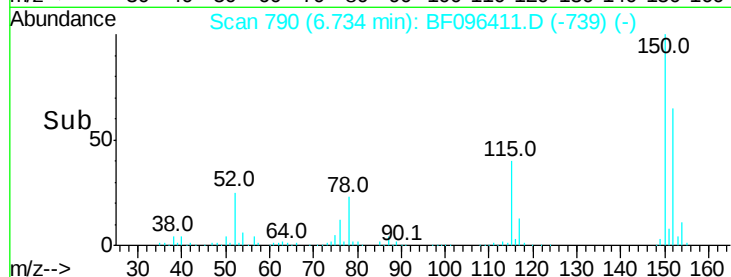
115 62.0 52.2 78.2



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: 97.42 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

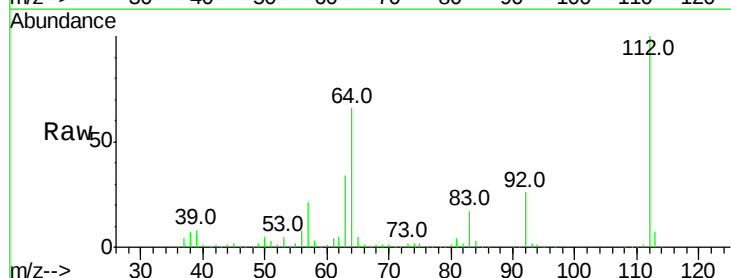
Tgt Ion:112 Resp: 994953

Ion Ratio Lower Upper

112 100

64 66.3 46.0 69.0

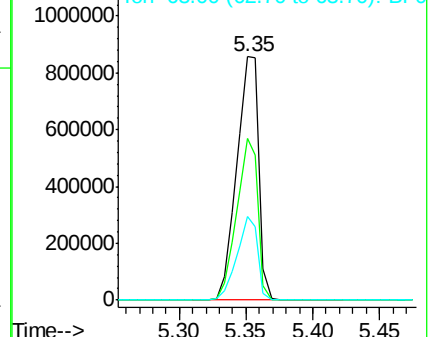
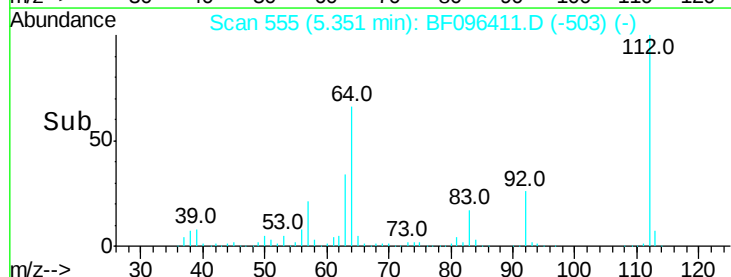
63 34.2 23.4 35.0



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: 97.08 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

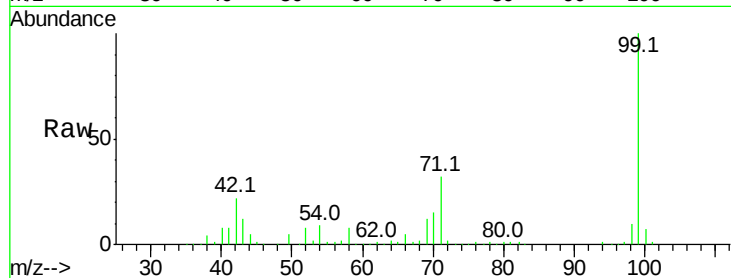
Instrument :

BNA_F

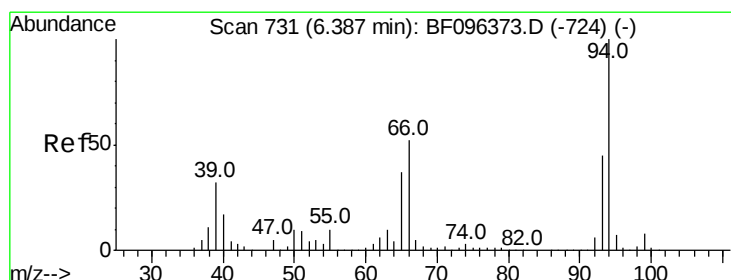
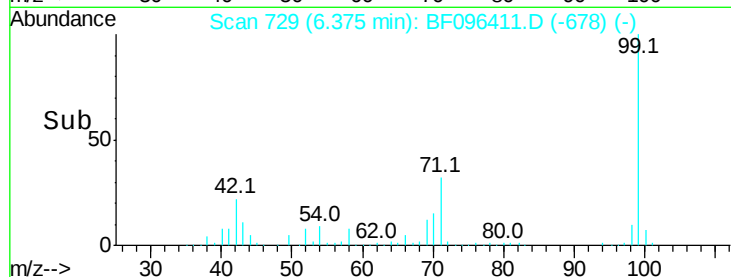
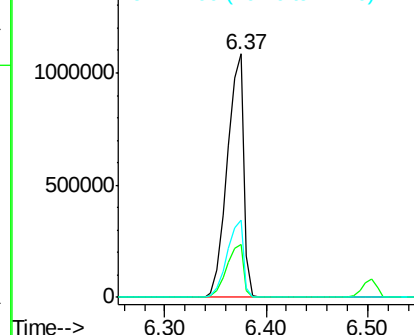
ClientSampled :

Tot Ion: 99 Resp: 1218840

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	31.8	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: 2.02 ng

RT: 6.38 min Scan# 730

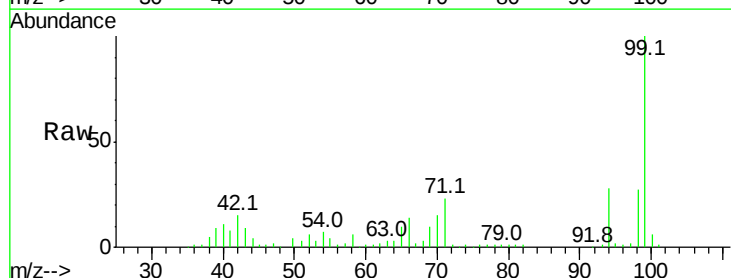
Delta R.T. -0.01 min

Lab File: BF096411.D

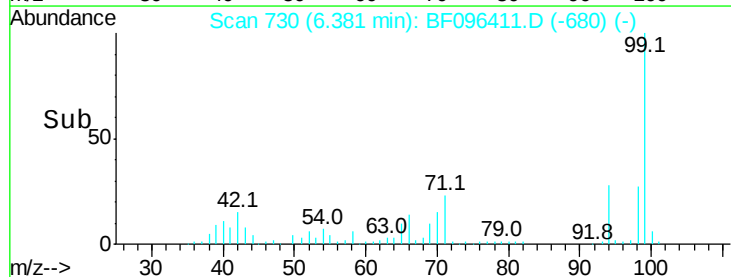
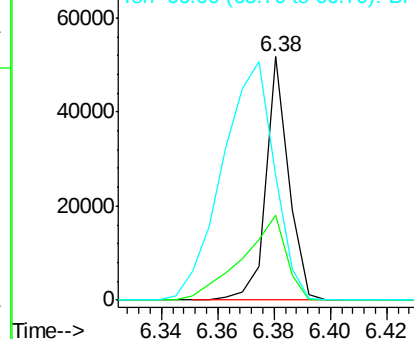
Acq: 2 Jul 2017 12:58

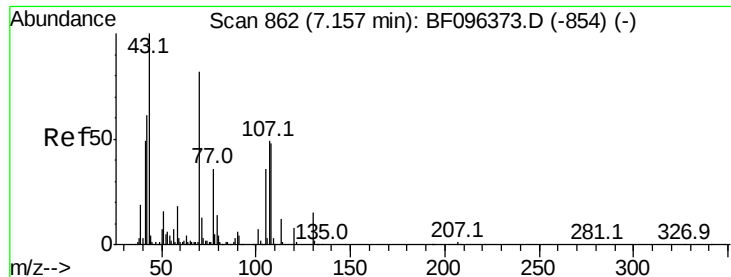
Tgt Ion: 94 Resp: 28826

Ion	Ratio	Lower	Upper
94	100		
65	35.0	9.9	49.9
66	51.2	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

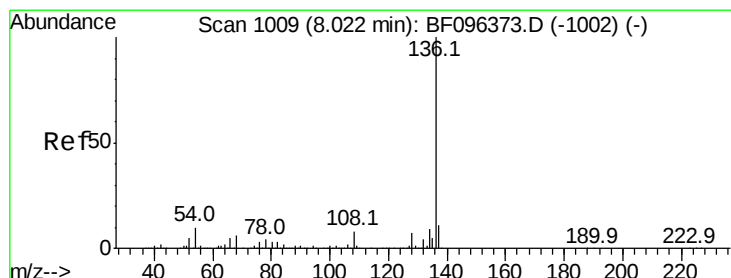
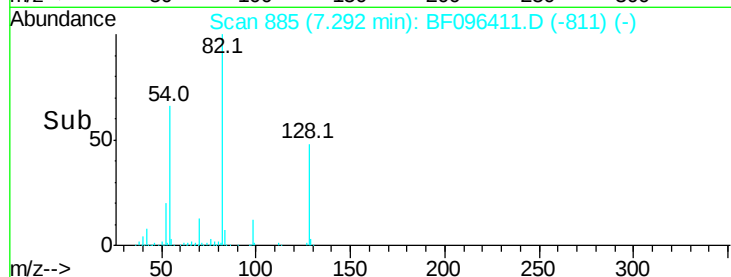
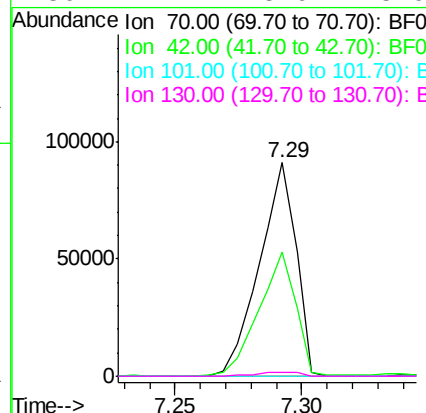
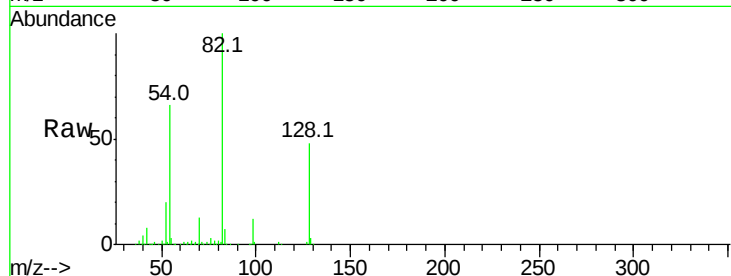




#19
n-Nitroso-di-n-propylamine
Concen: 12.35 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF096411.D
Acq: 2 Jul 2017 12:58

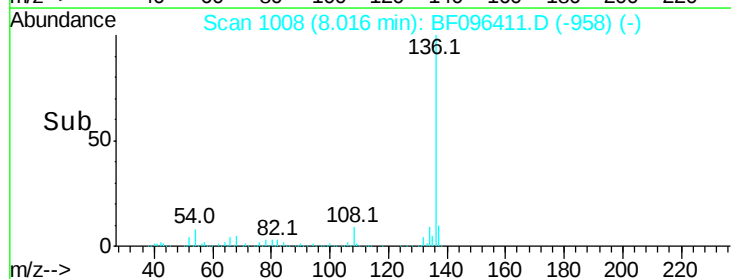
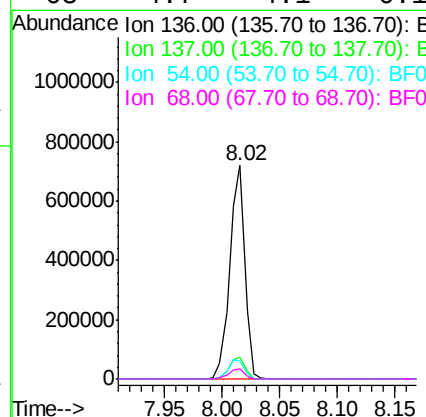
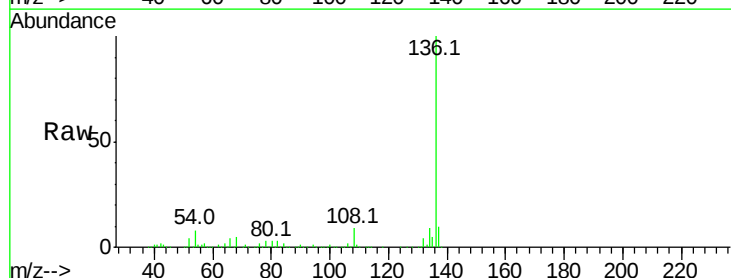
Instrument :
BNA_F
ClientSampled :

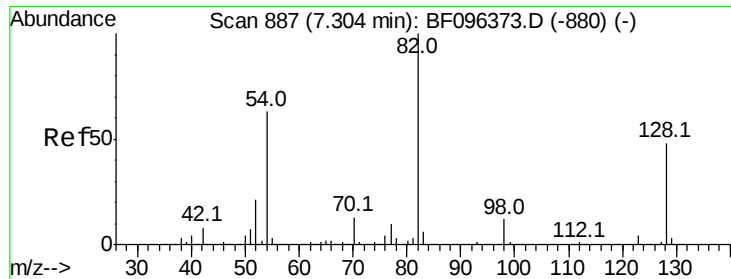
Tot Ion: 70 Resp: 92406
Ion Ratio Lower Upper
70 100
42 58.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096411.D
Acq: 2 Jul 2017 12:58

Tgt Ion: 136 Resp: 650023
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 8.5 4.9 7.3#
68 4.7 4.1 6.1

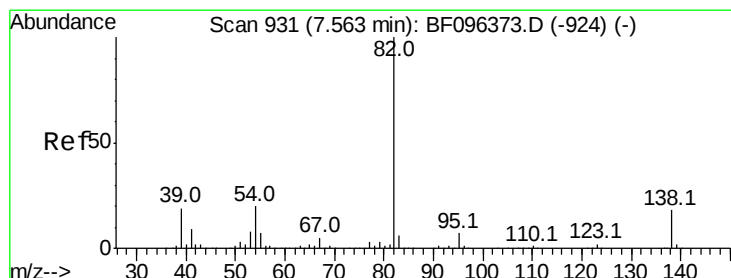
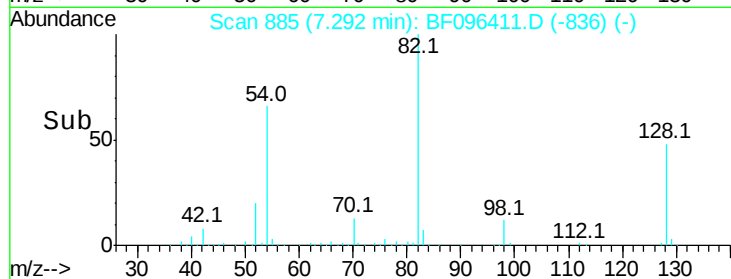
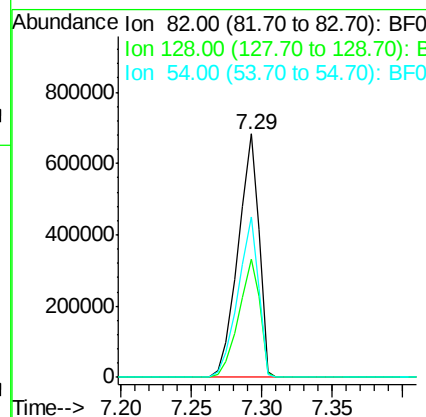
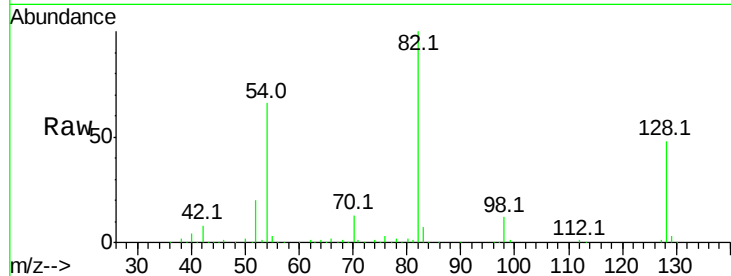




#23
 Nitrobenzene-d5
 Concen: 64.87 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

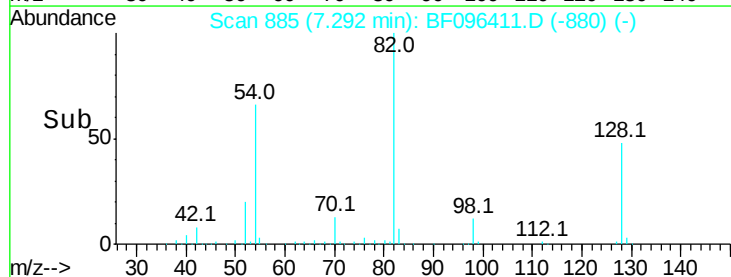
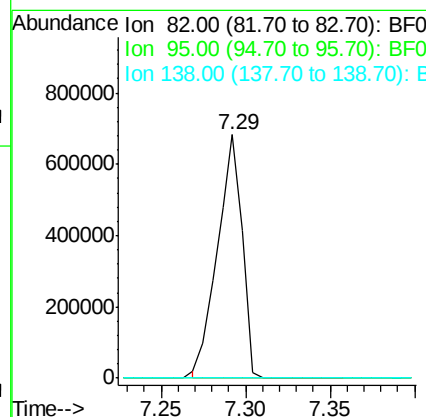
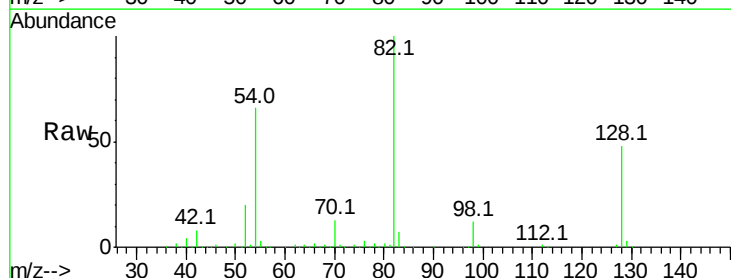
Instrument :
 BNA_F
 ClientSampleId :

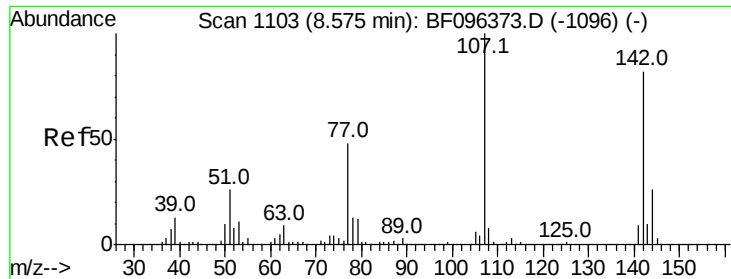
Tot Ion: 82 Resp: 701705
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 65.9 42.2 63.2#



#25
 Isophorone
 Concen: 33.12 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.27 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Tgt Ion: 82 Resp: 694582
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

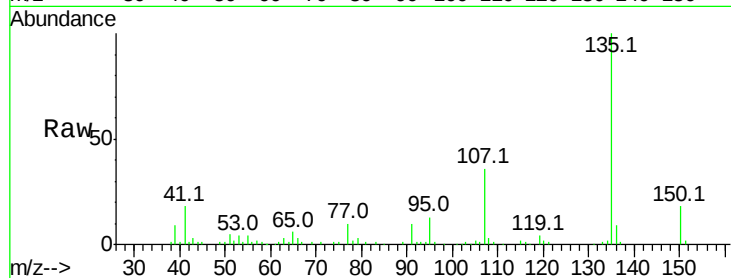




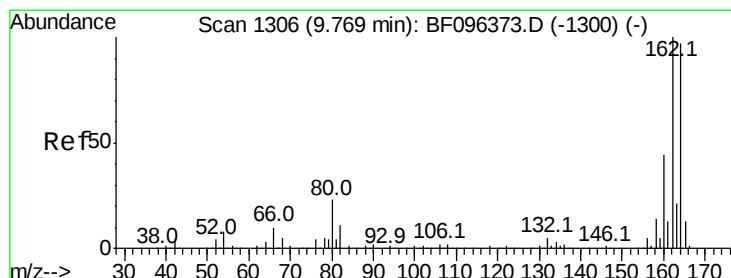
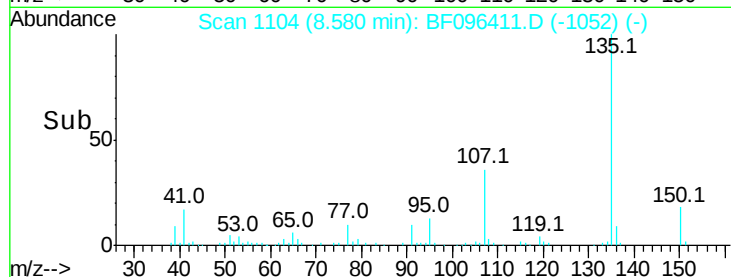
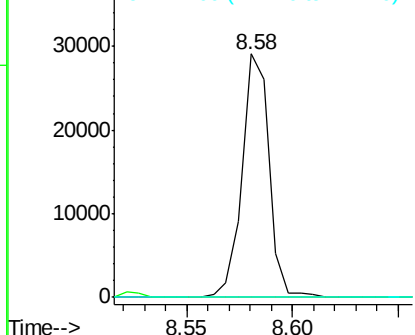
#36
 4-Chloro-3-methylphenol
 Concen: 2.64 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 25769
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.2 36.4#
 142 0.0 73.4 110.0#

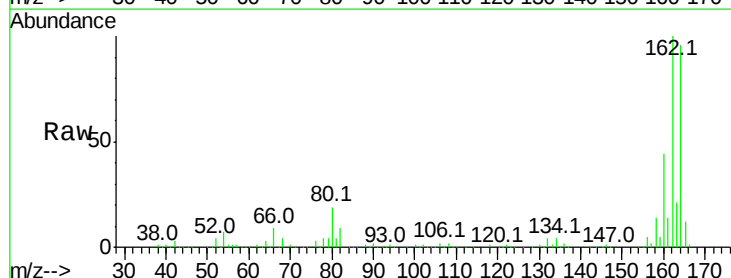


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

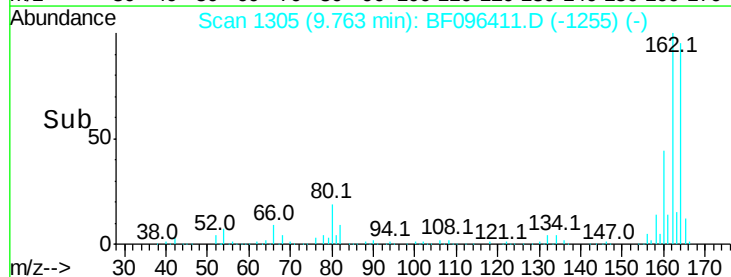
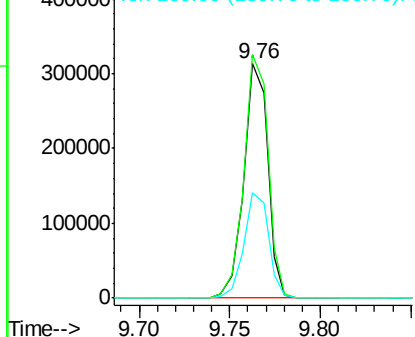


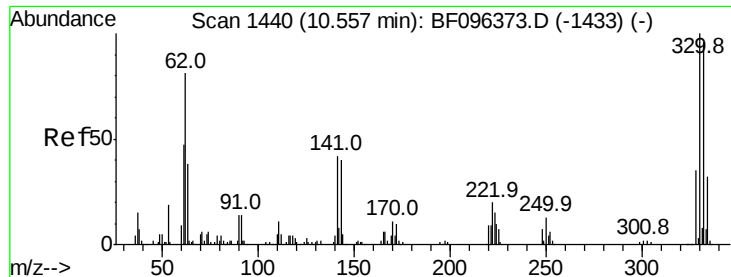
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Tgt Ion:164 Resp: 287329
 Ion Ratio Lower Upper
 164 100
 162 103.9 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

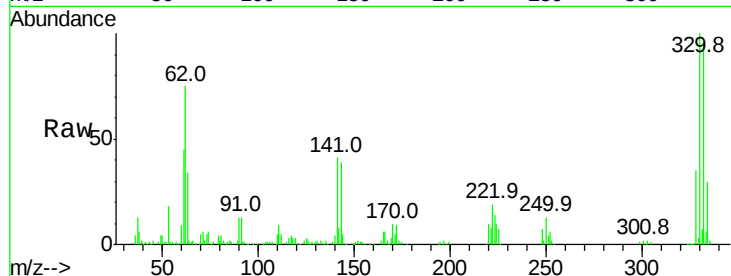




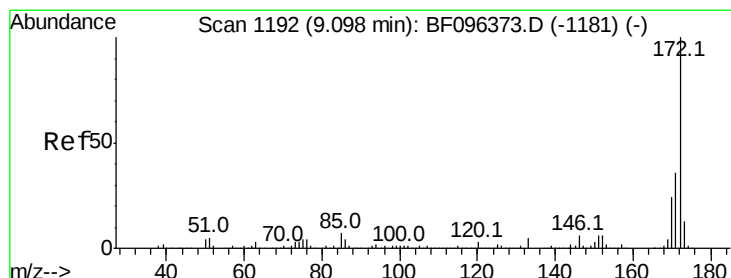
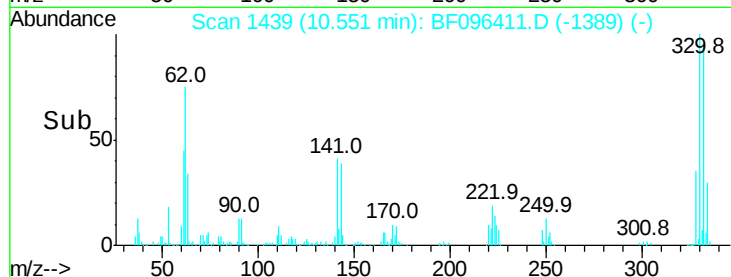
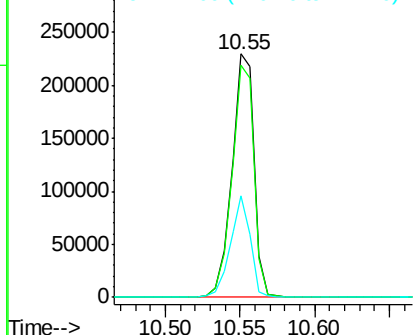
#41
 2,4,6-Tribromophenol
 Concen: 106.94 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 240018
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.7 31.4 47.2

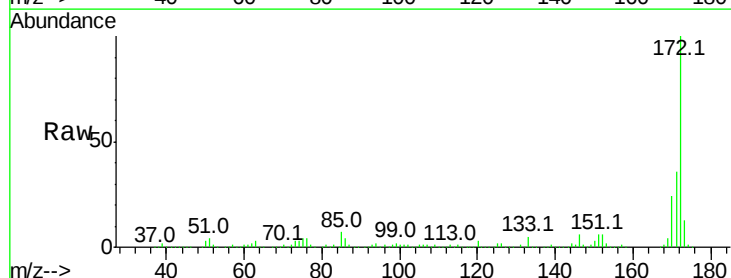


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

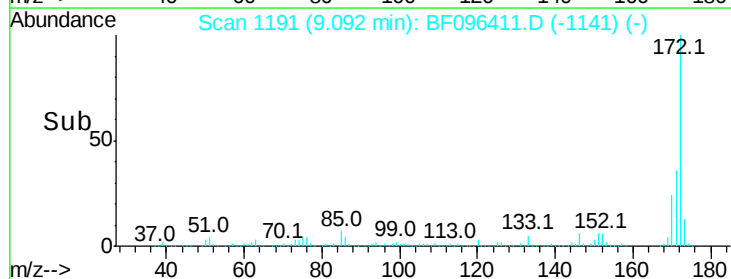
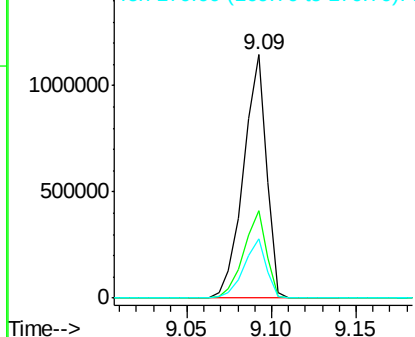


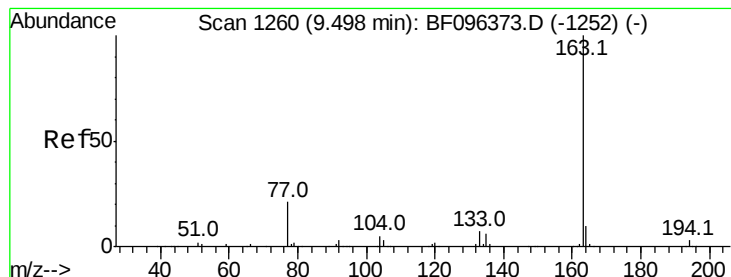
#44
 2-Fluorobiphenyl
 Concen: 65.12 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Tgt Ion:172 Resp: 1094356
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.2 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: 12.01 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

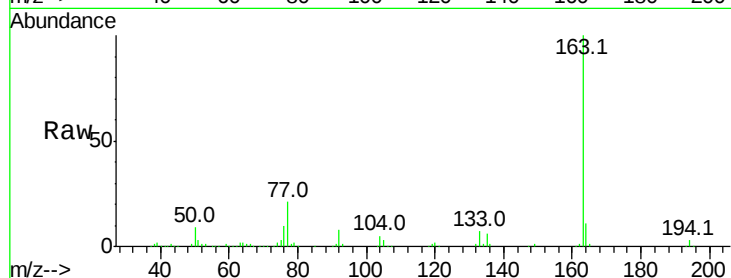
Tot Ion:163 Resp: 257541

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

164 10.8 8.4 12.6

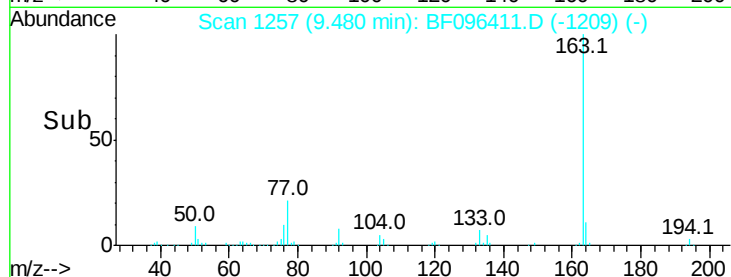


Abundance Ion 163.00 (162.70 to 163.70): E

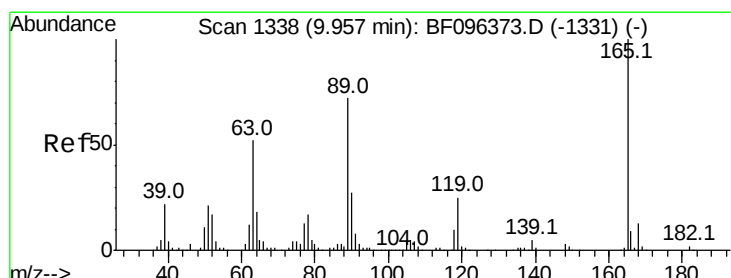
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 5.90 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

Tgt Ion:165 Resp: 35425

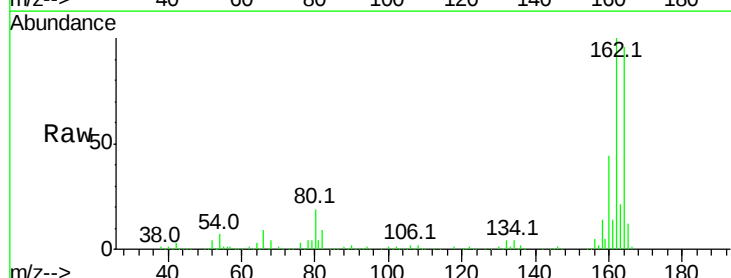
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#



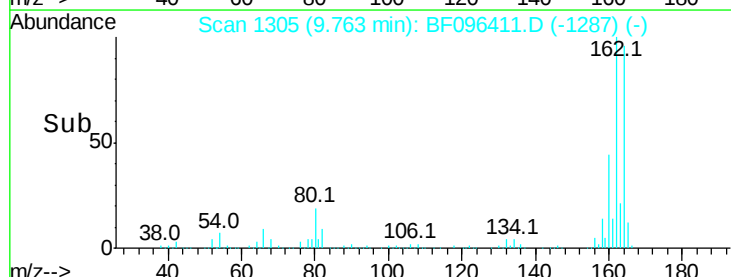
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

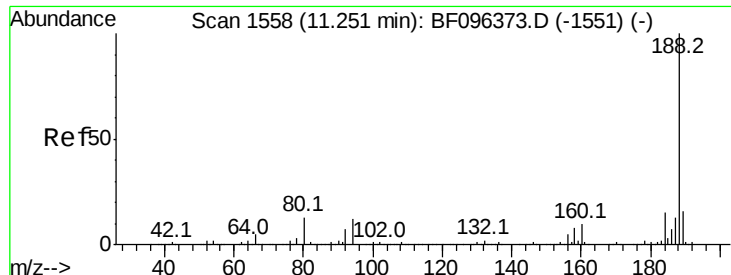
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



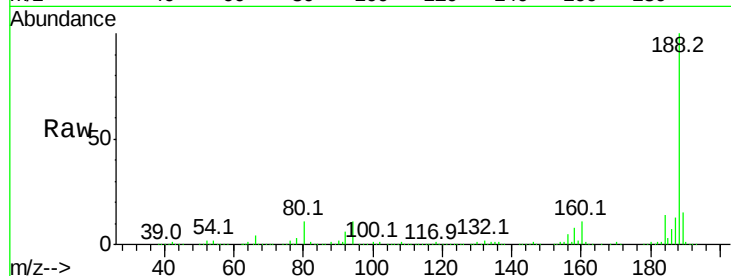
Time-->



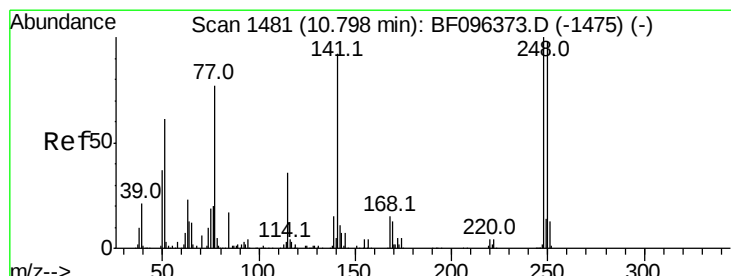
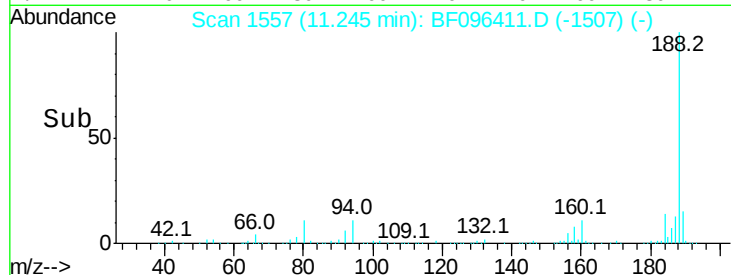
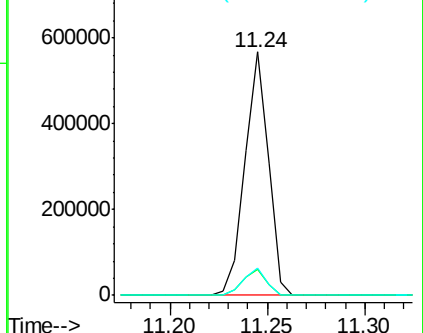
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096411.D
Acq: 2 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 474018
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.4 10.2 15.2

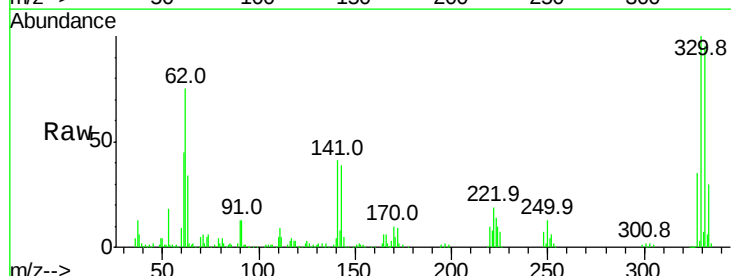


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

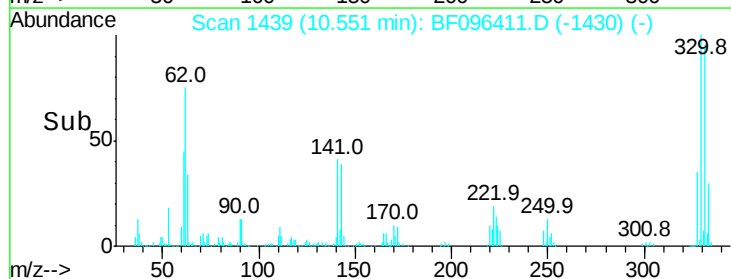
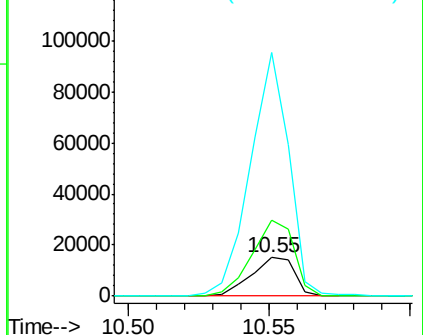


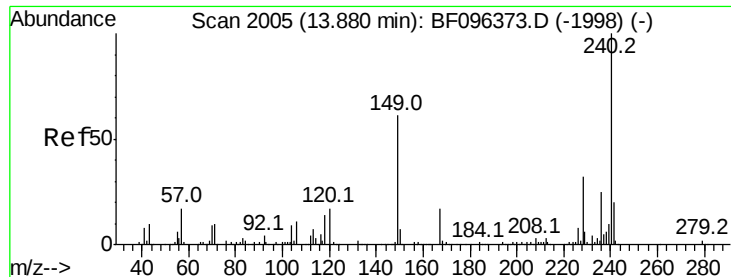
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF096411.D
Acq: 2 Jul 2017 12:58

Tgt Ion:248 Resp: 16084
Ion Ratio Lower Upper
248 100
250 196.6 76.8 115.2#
141 628.8 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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

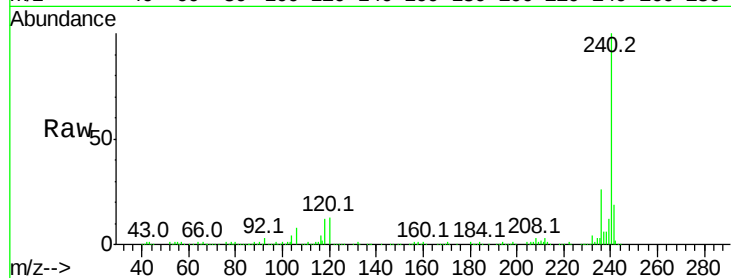
Tot Ion:240 Resp: 322316

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

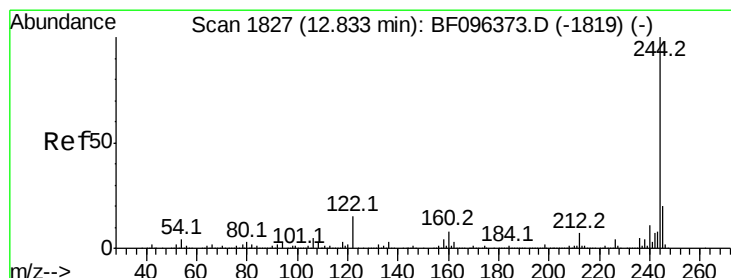
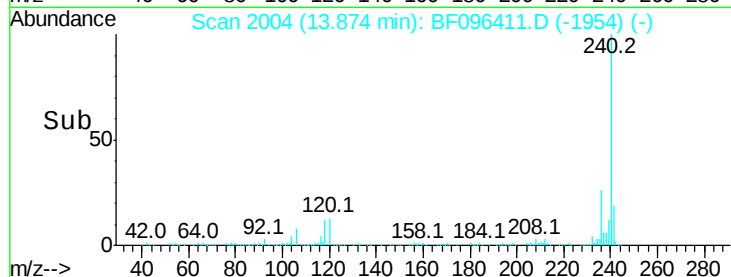
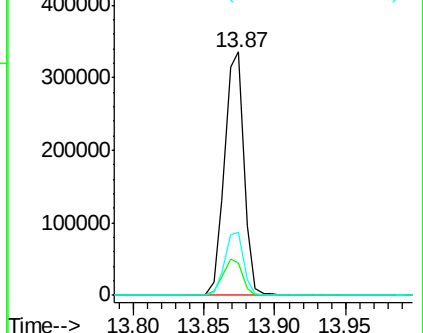
236 26.0 20.5 30.7



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: 50.91 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

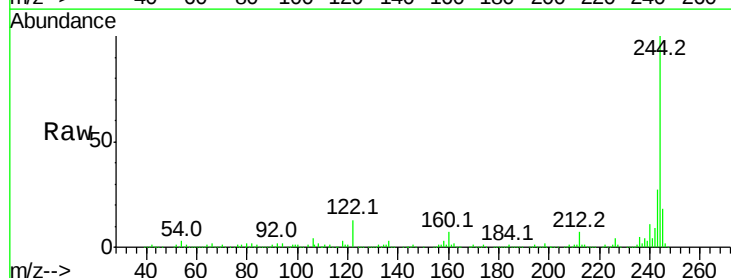
Tgt Ion:244 Resp: 767978

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

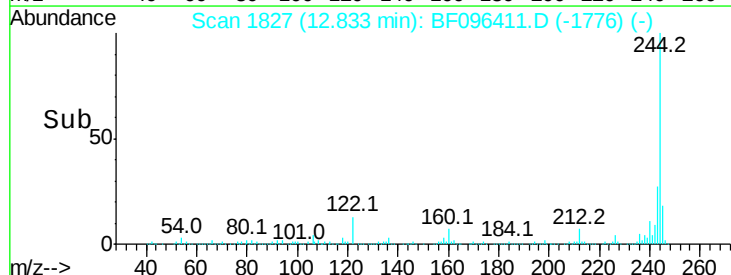
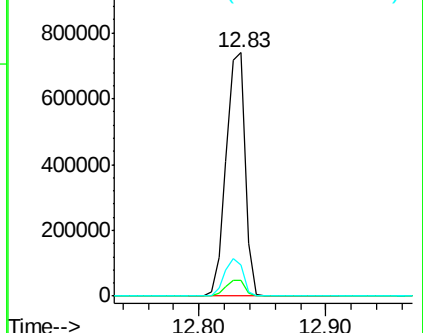
122 12.8 10.3 15.5

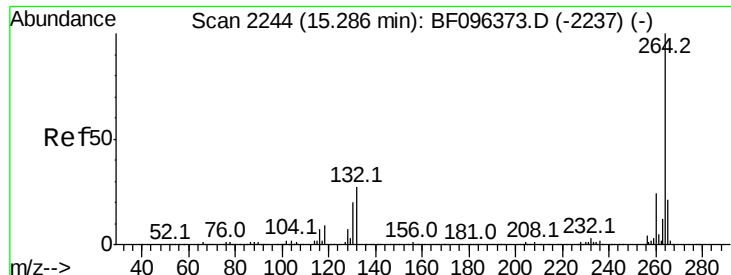


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

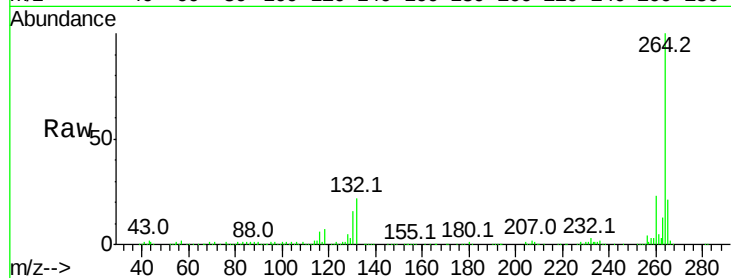




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF096411.D
Acq: 2 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.3	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

