

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096410.D
 Acq On : 2 Jul 2017 12:30
 Operator : SJ/MA
 Sample : I3950-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:29:46 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

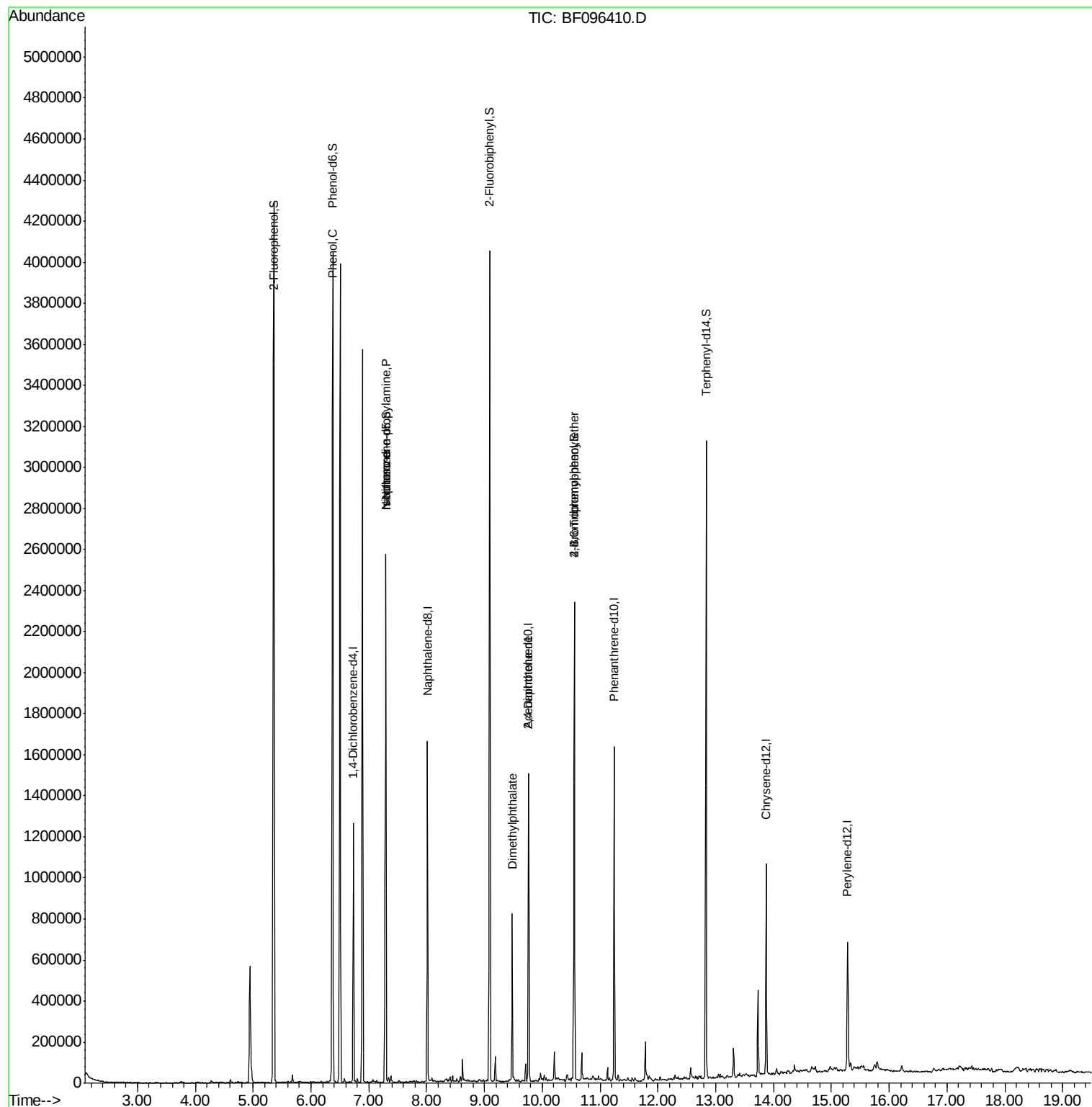
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173715	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	749393	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	310711	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	546086	20.00	ng	0.00
75) Chrysene-d12	13.87	240	353339	20.00	ng	0.00
86) Perylene-d12	15.28	264	264163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1431710	121.65	ng	0.01
7) Phenol-d6	6.37	99	1778631	122.93	ng	0.00
23) Nitrobenzene-d5	7.30	82	934608	74.94	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	312273	128.66	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1445070	79.52	ng	0.00
78) Terphenyl-d14	12.83	244	1036418	62.68	ng	0.00
Target Compounds						
10) Phenol	6.39	94	37043	2.25	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.30	70	124161	14.40	ng	# 86
25) Isophorone	7.30	82	925045	38.26	ng	# 67
49) Dimethylphthalate	9.48	163	320469	13.82	ng	100
56) 2,4-Dinitrotoluene	9.76	165	39965	6.15	ng	# 32
66) 4-Bromophenyl-phenylether	10.56	248	19729	3.71	ng	# 1

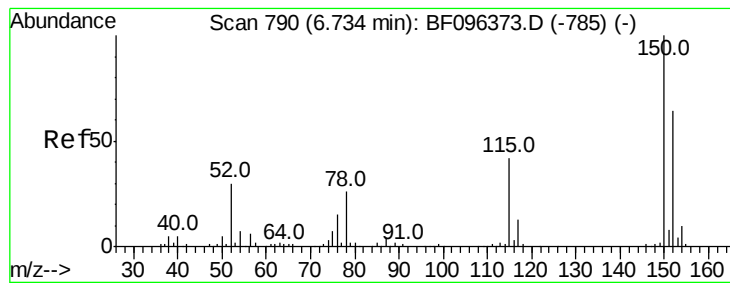
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 03 01:43:12 2017
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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: BF096410.D

Acq: 2 Jul 2017 12:30

Instrument :

BNA_F

ClientSampleId :

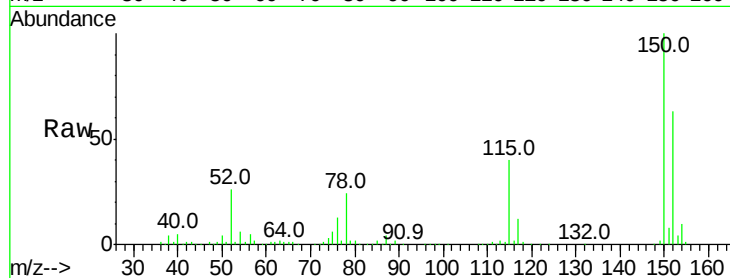
Tot Ion:152 Resp: 173715

Ion Ratio Lower Upper

152 100

150 159.7 126.2 189.2

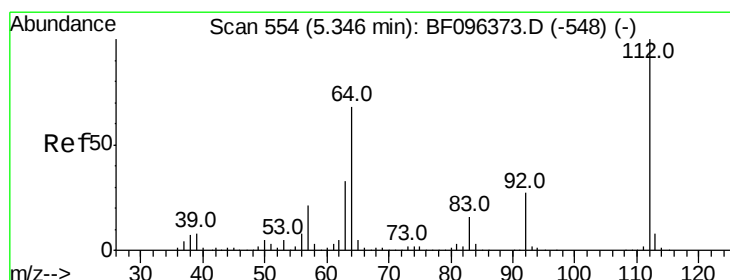
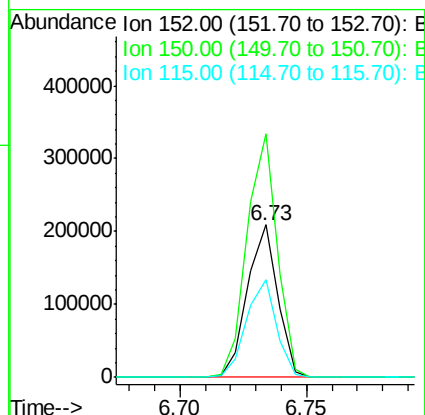
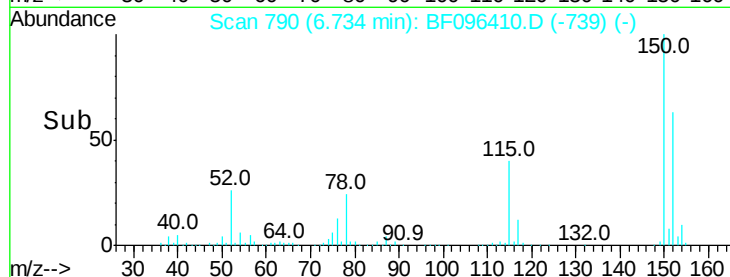
115 64.0 52.2 78.2



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: 121.65 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF096410.D

Acq: 2 Jul 2017 12:30

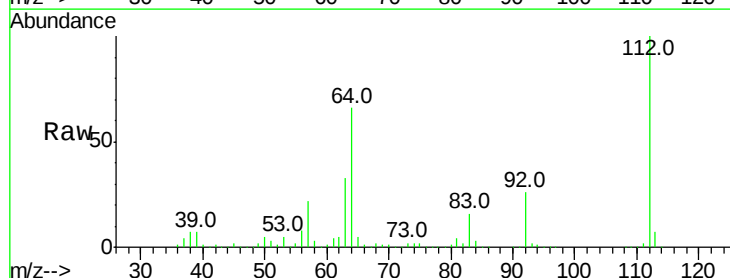
Tgt Ion:112 Resp: 1431710

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

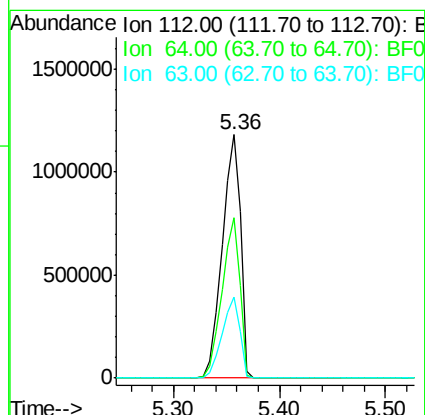
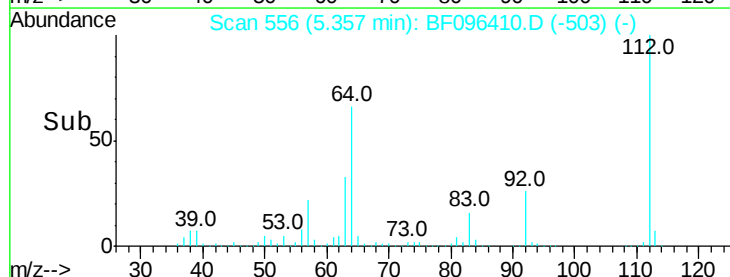
63 33.4 23.4 35.0

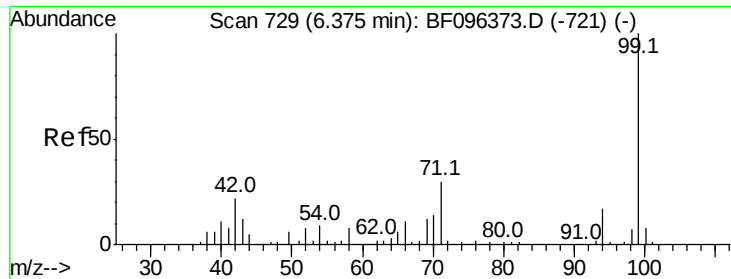


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.93 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF096410.D

Acq: 2 Jul 2017 12:30

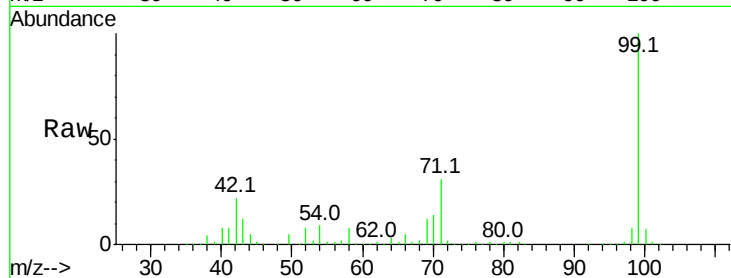
Instrument :

BNA_F

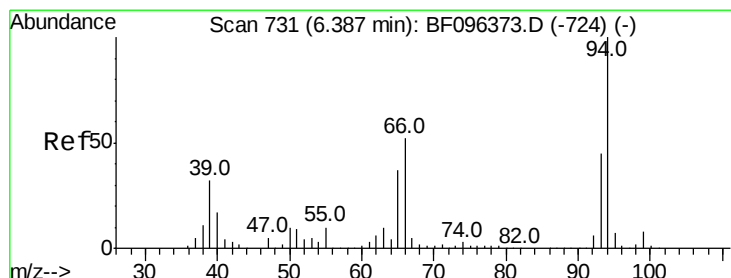
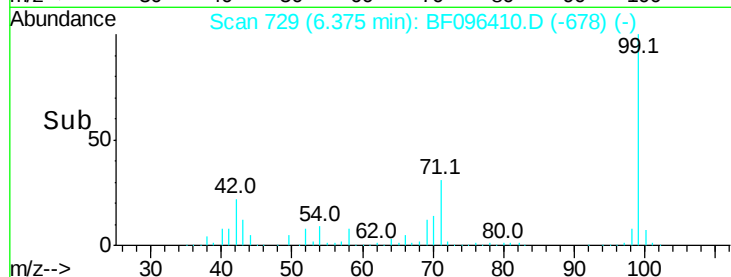
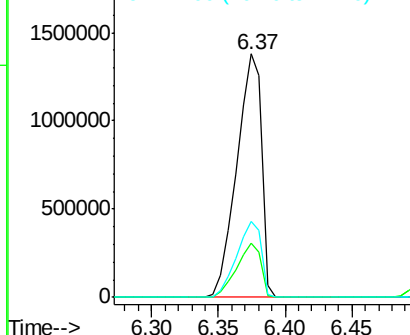
ClientSampleId :

Tot Ion: 99 Resp: 1778631

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.1	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: 2.25 ng

RT: 6.39 min Scan# 731

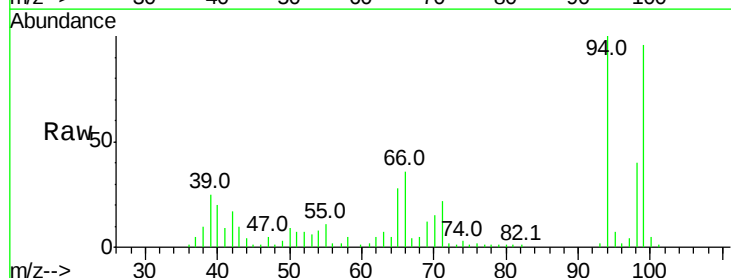
Delta R.T. 0.00 min

Lab File: BF096410.D

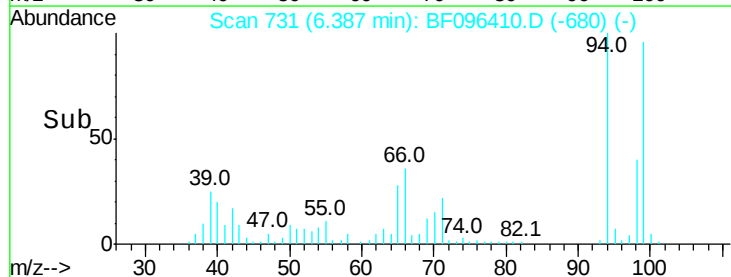
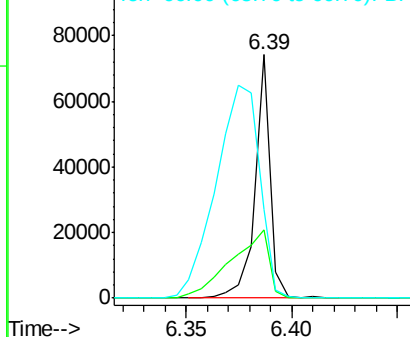
Acq: 2 Jul 2017 12:30

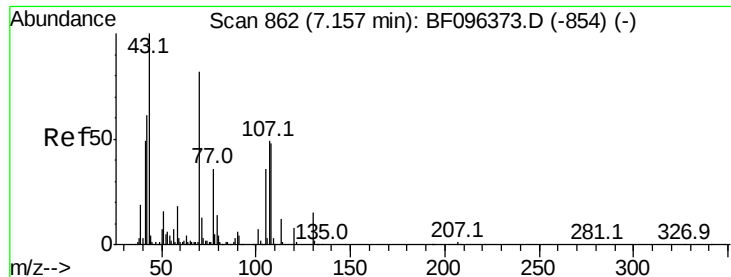
Tgt Ion: 94 Resp: 37043

Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.9	49.9
66	36.4	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

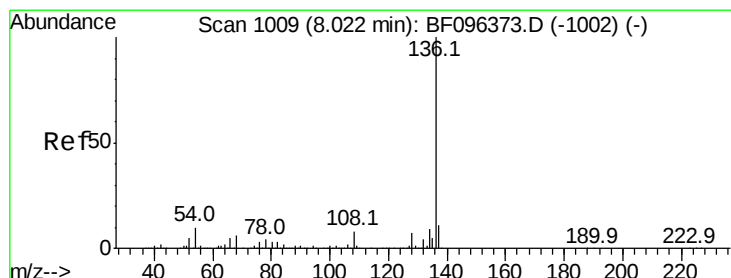
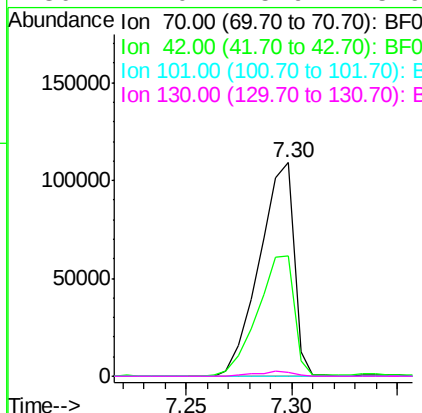
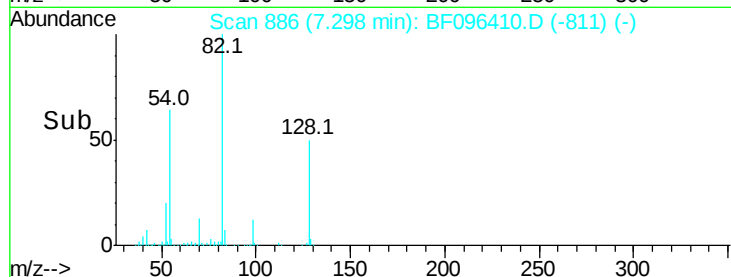
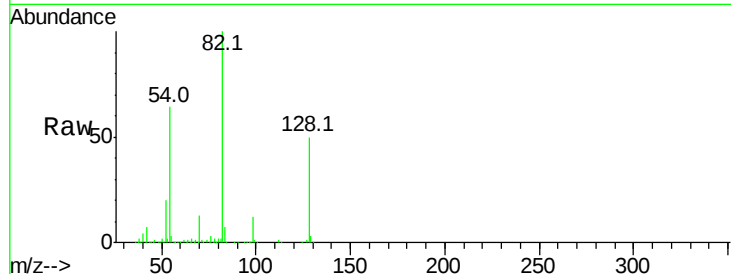




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.40 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.14 min
 Lab File: BF096410.D
 Acq: 2 Jul 2017 12:30

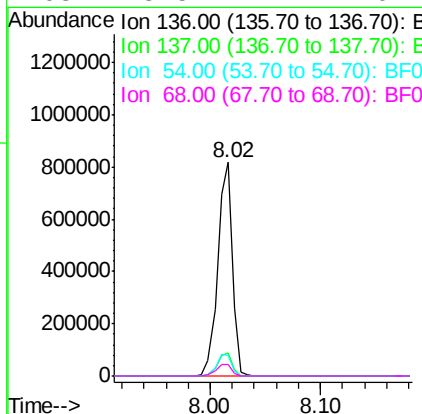
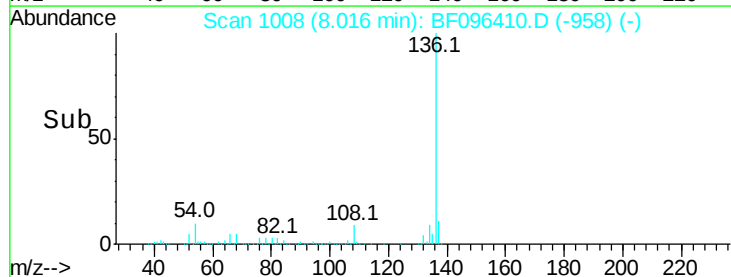
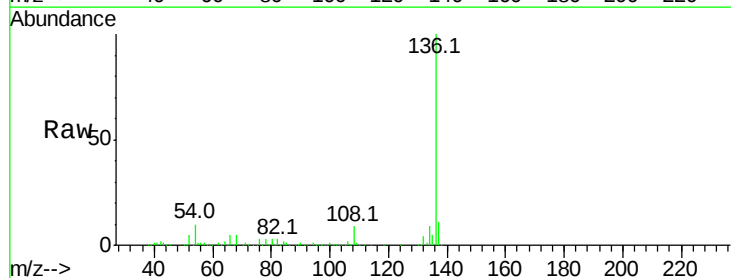
Instrument :
 BNA_F
 ClientSampleId :

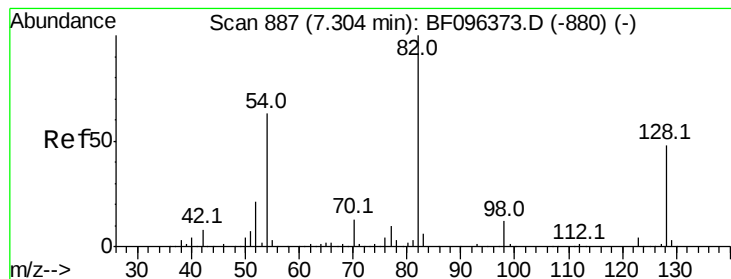
Tot Ion: 70 Resp: 124161
 Ion Ratio Lower Upper
 70 100
 42 56.1 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.0 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF096410.D
 Acq: 2 Jul 2017 12:30

Tgt Ion: 136 Resp: 749393
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.5 12.7
 54 9.9 4.9 7.3#
 68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.94 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF096410.D

Acq: 2 Jul 2017 12:30

Instrument :

BNA_F

ClientSampleId :

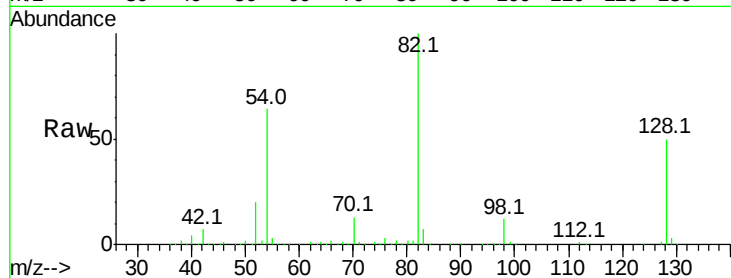
Tot Ion: 82 Resp: 934608

Ion Ratio Lower Upper

82 100

128 49.7 34.0 51.0

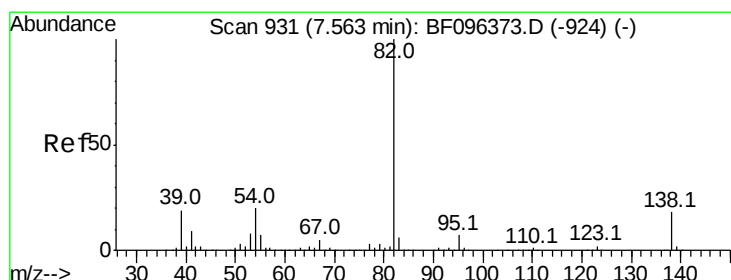
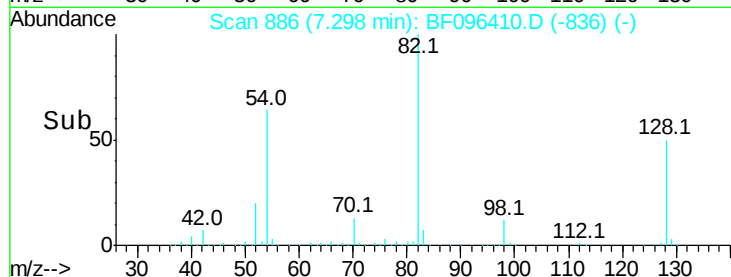
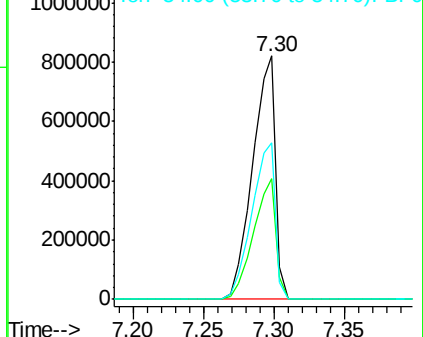
54 64.3 42.2 63.2#



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: 38.26 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF096410.D

Acq: 2 Jul 2017 12:30

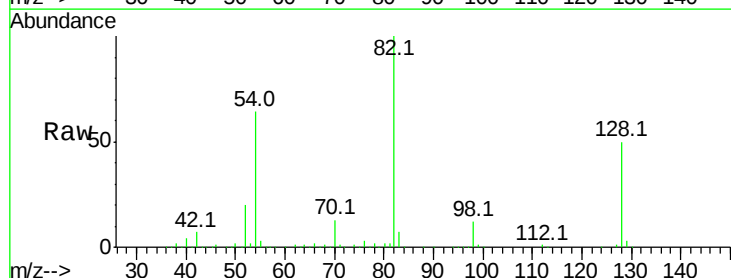
Tgt Ion: 82 Resp: 925045

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

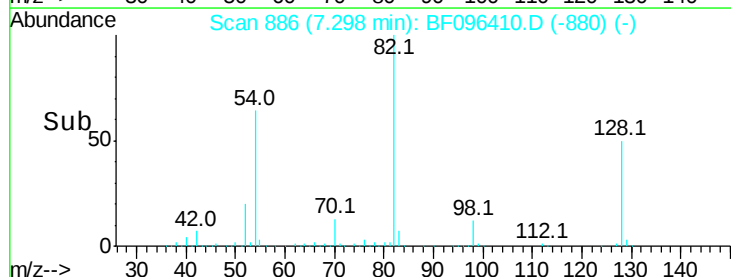
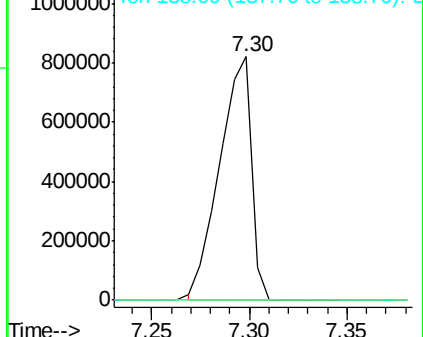
138 0.0 13.1 19.7#

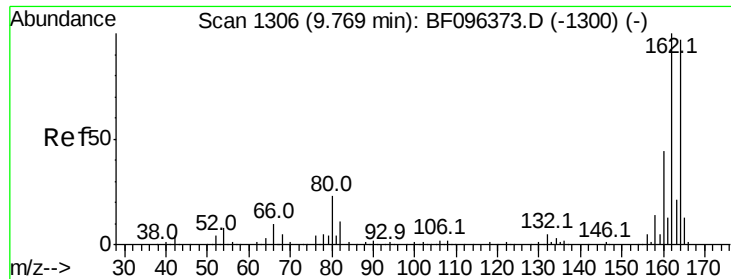


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

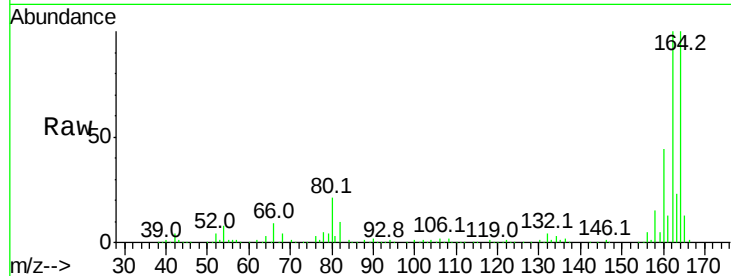




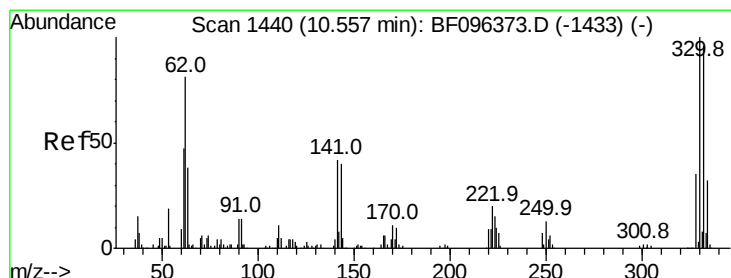
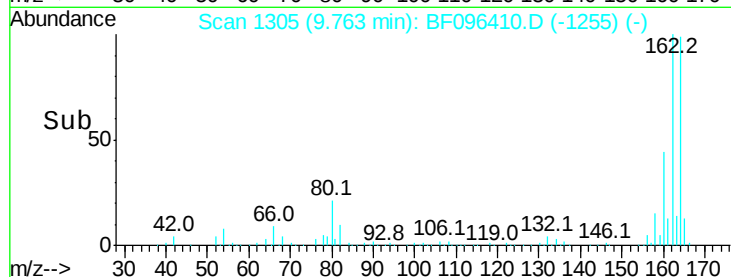
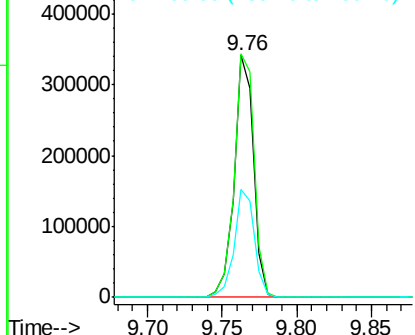
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 310711
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 44.3 36.2 54.2

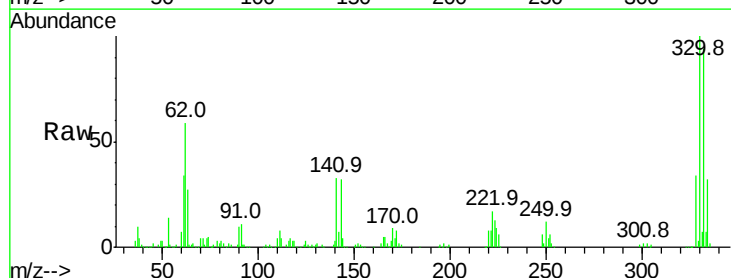


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

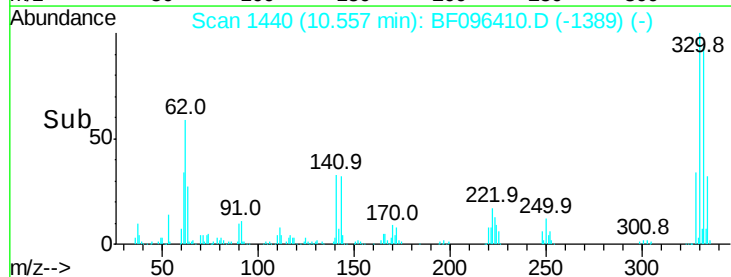
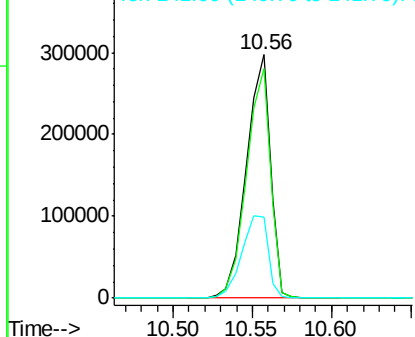


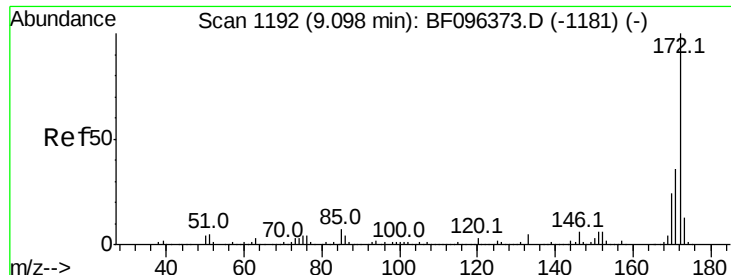
#41
2,4,6-Tribromophenol
Concen: 128.66 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Tgt Ion:330 Resp: 312273
Ion Ratio Lower Upper
330 100
332 94.5 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

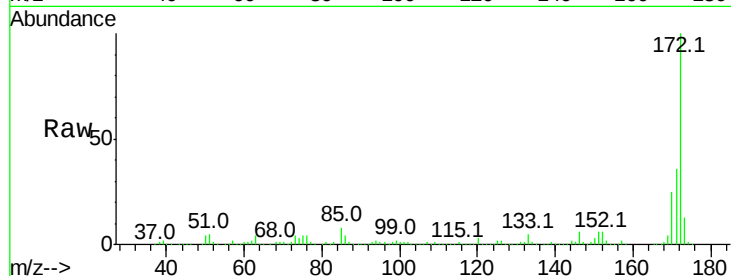




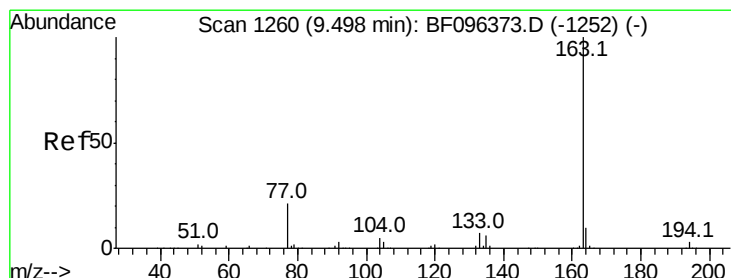
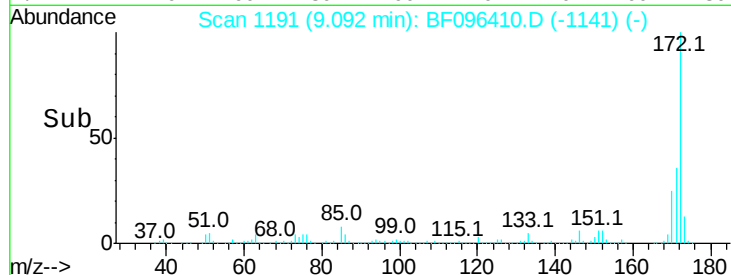
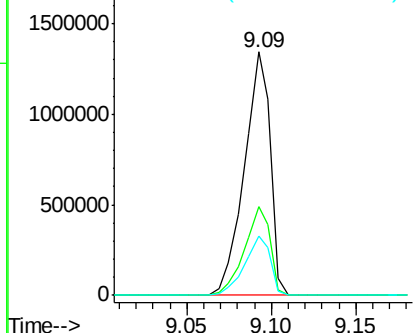
#44
2-Fluorobiphenyl
Concen: 79.52 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1445070
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.5 19.8 29.8

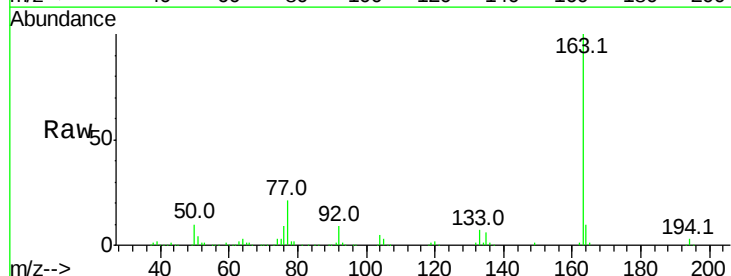


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

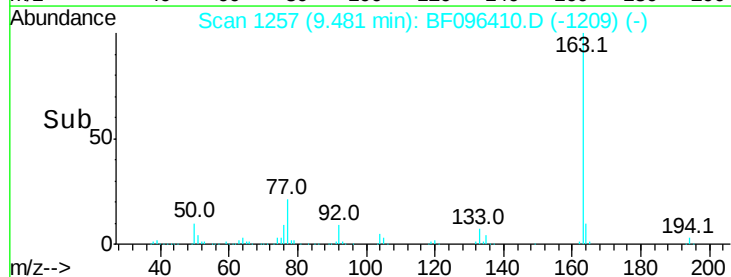
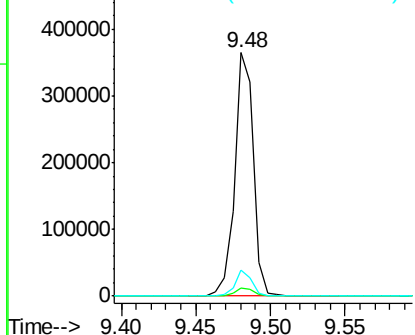


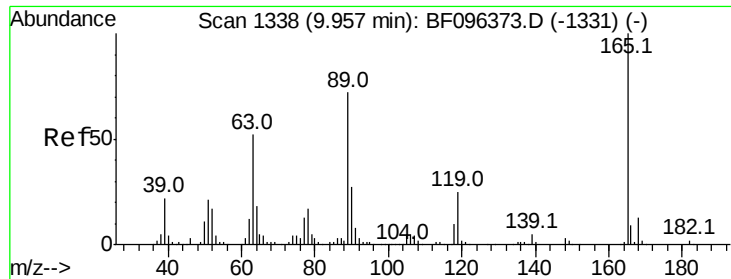
#49
Dimethylphthalate
Concen: 13.82 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Tgt Ion:163 Resp: 320469
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.5 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

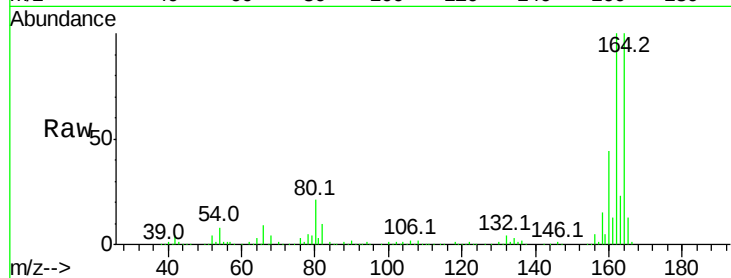




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF096410.D
 Acq: 2 Jul 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	0.9	46.4	69.6#
182	0.0	1.8	2.6#

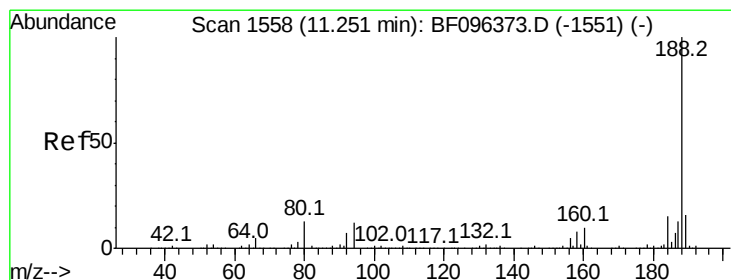
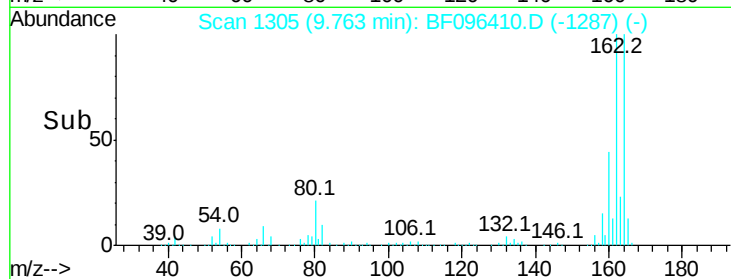
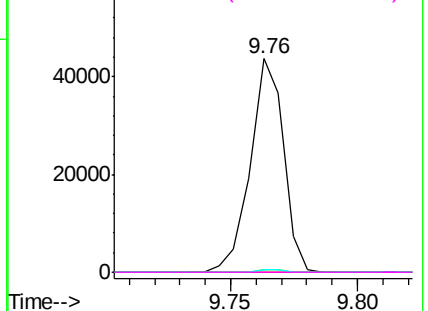


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

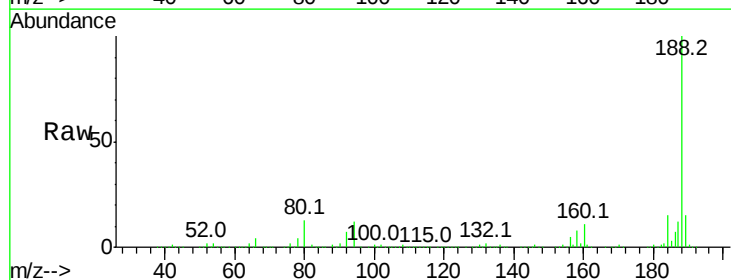
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096410.D
 Acq: 2 Jul 2017 12:30

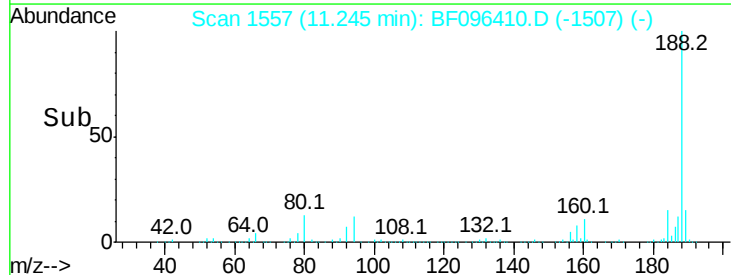
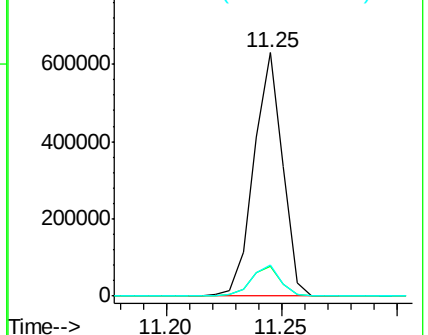
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.7	10.2	15.2

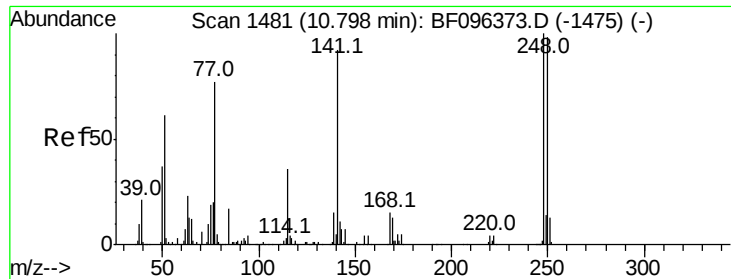


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

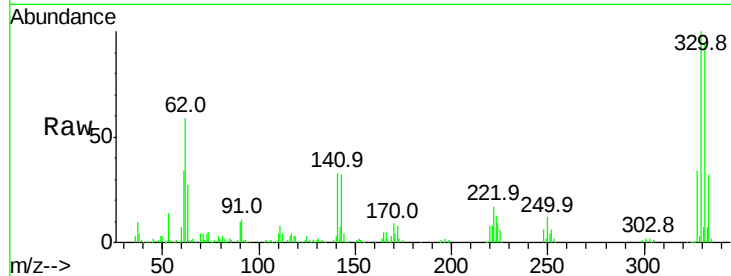




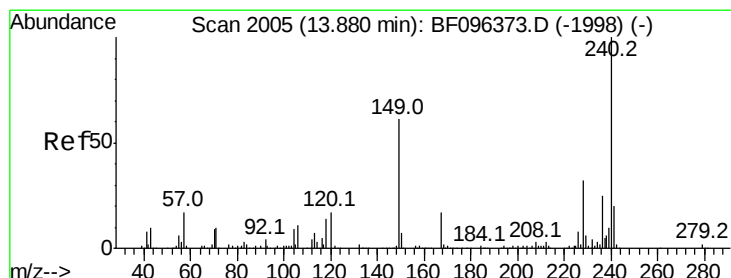
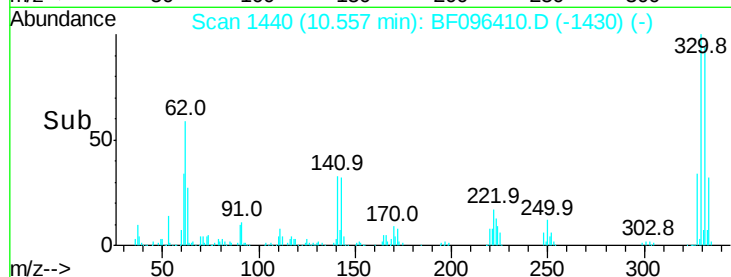
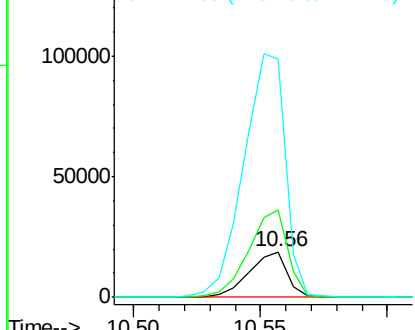
#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19729
Ion Ratio Lower Upper
248 100
250 192.7 76.8 115.2#
141 526.4 68.6 103.0#

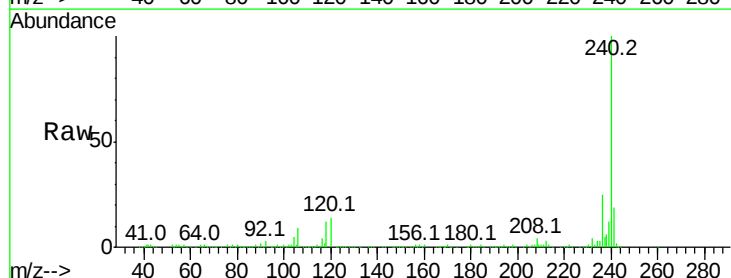


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

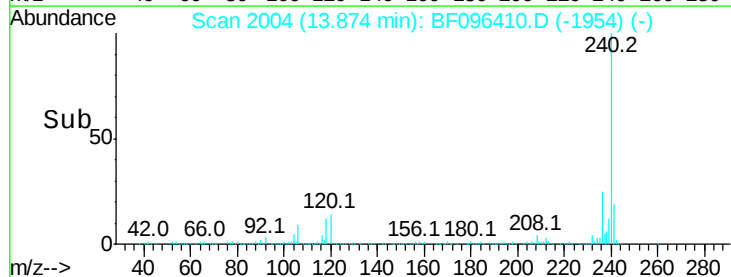
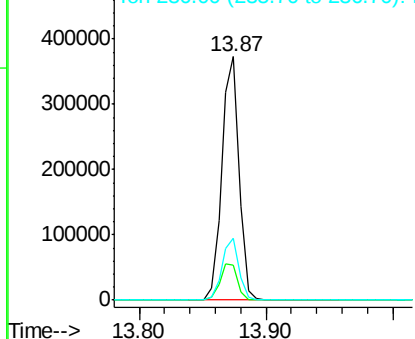


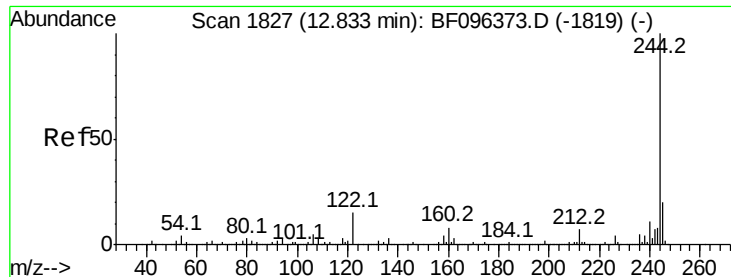
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Tgt Ion:240 Resp: 353339
Ion Ratio Lower Upper
240 100
120 14.4 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: 62.68 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF096410.D

Acq: 2 Jul 2017 12:30

Instrument :

BNA_F

ClientSampleId :

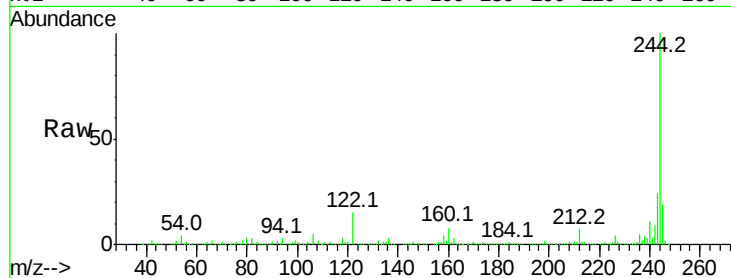
Tot Ion:244 Resp: 1036418

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

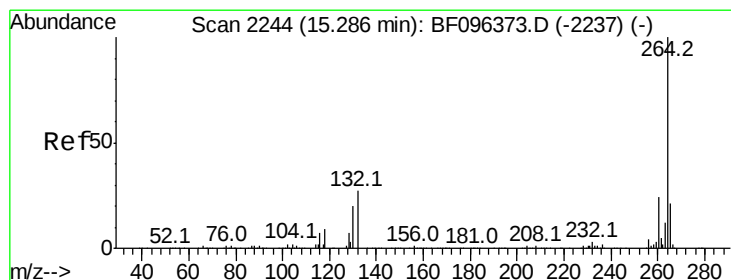
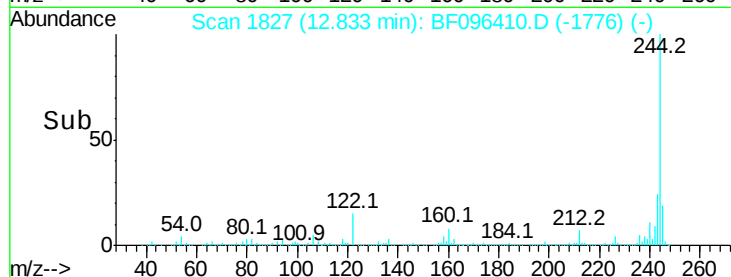
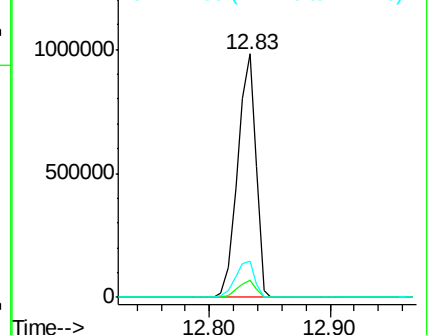
122 15.0 10.3 15.5



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: BF096410.D

Acq: 2 Jul 2017 12:30

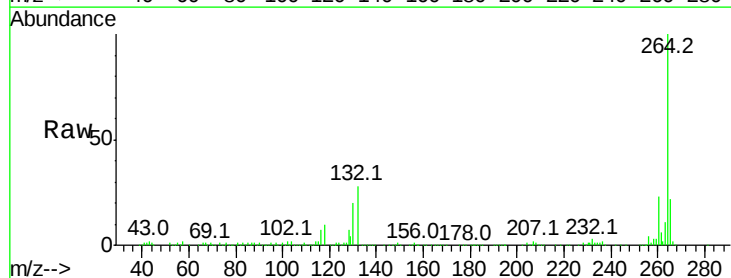
Tgt Ion:264 Resp: 264163

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.6 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

