

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 :
 B4-10-12

Quant Time: Jul 03 05:13:01 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

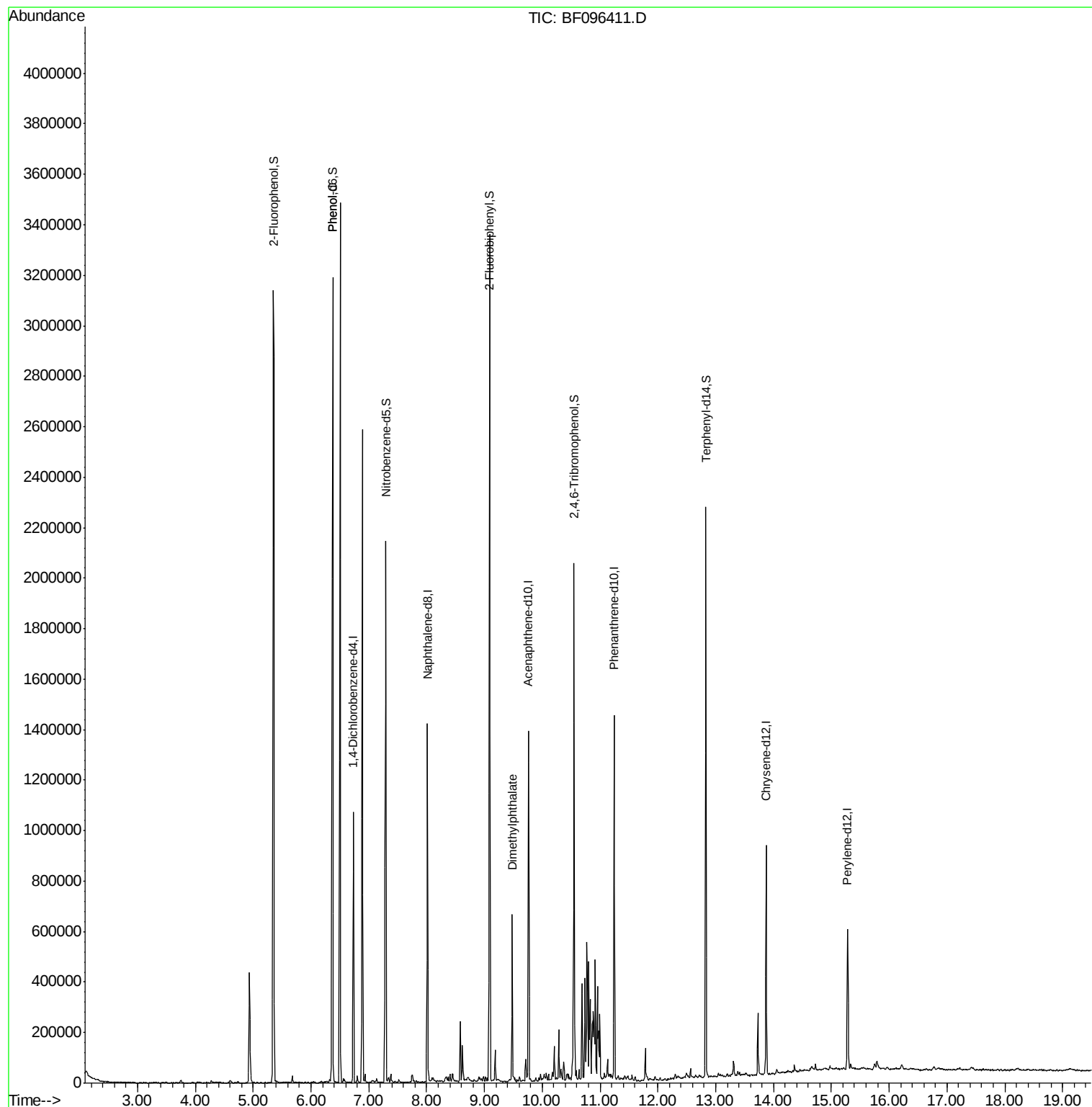
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	150737	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	650023	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	287329	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	474018	20.00	ng	0.00
75) Chrysene-d12	13.87	240	322316	20.00	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	2.015	ng	89
49) Dimethylphthalate	9.48	163	257541	12.007	ng	99

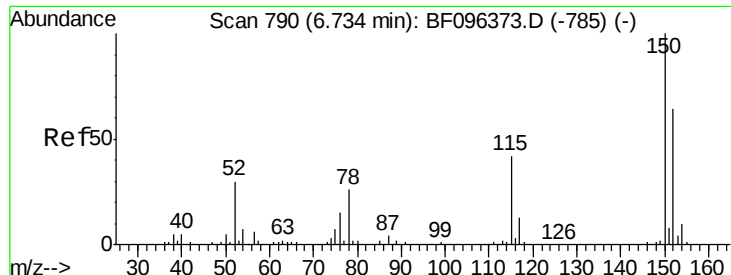
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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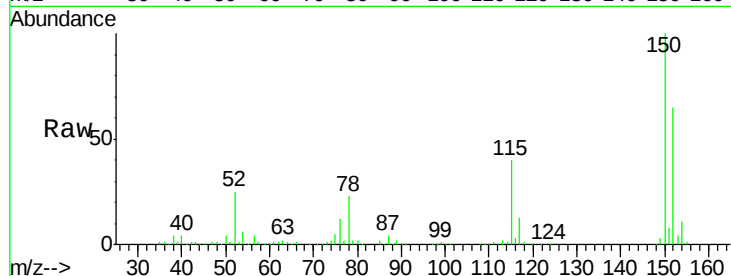


#1

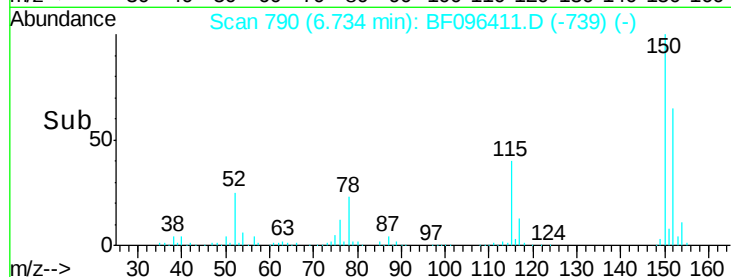
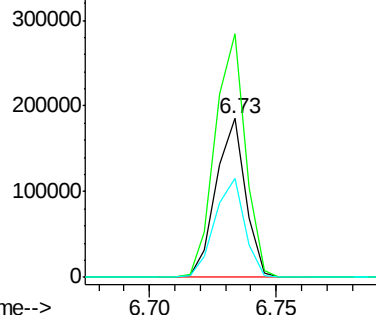
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096411.D
Acq: 2 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
B4-10-12

Tgt Ion:152 Resp: 150737
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 62.0 52.2 78.2



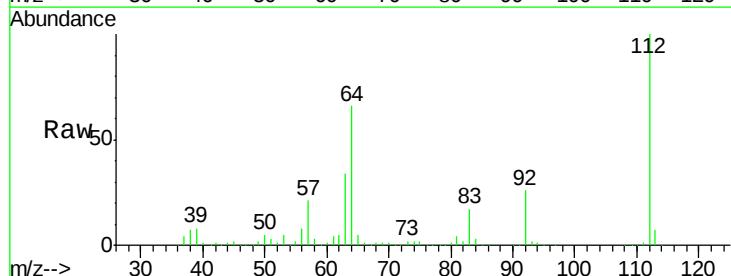
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



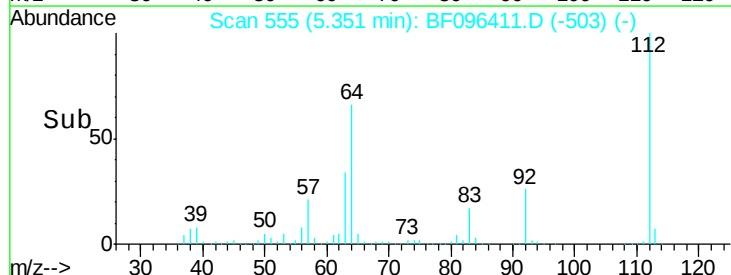
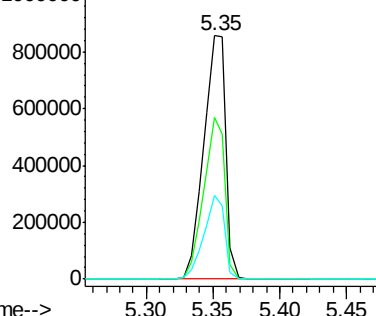
#5

2-Fluorophenol
Concen: 97.423 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: 97.078 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

Instrument :

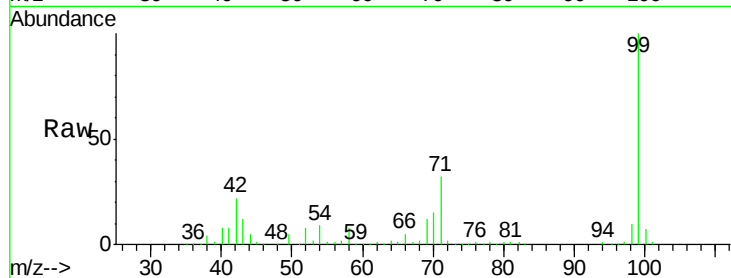
BNA_F

ClientSampled :

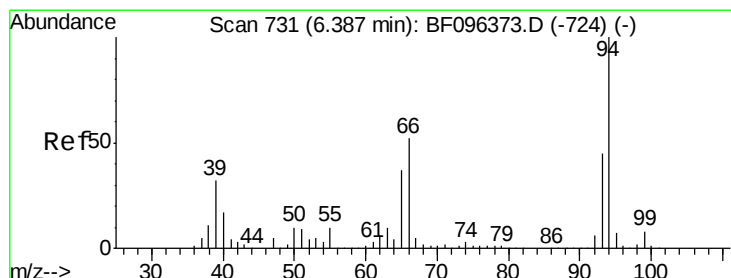
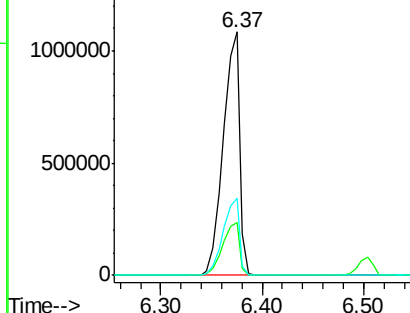
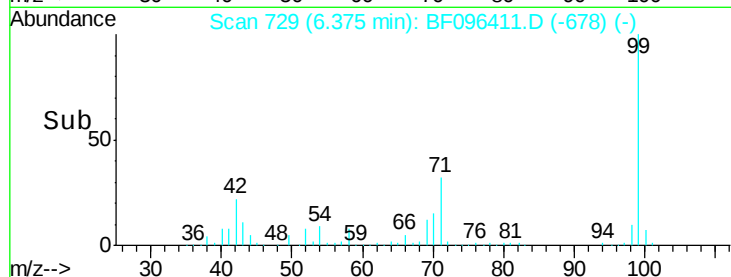
B4-10-12

Tgt 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: 2.015 ng

RT: 6.38 min Scan# 730

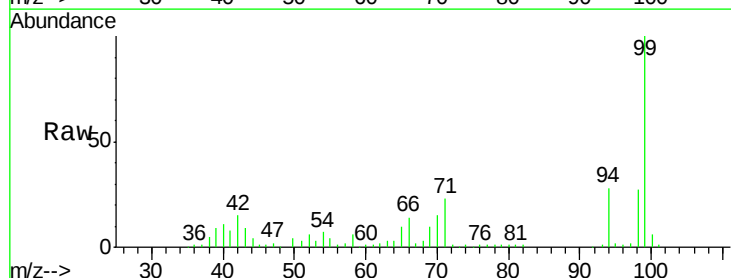
Delta R.T. -0.01 min

Lab File: BF096411.D

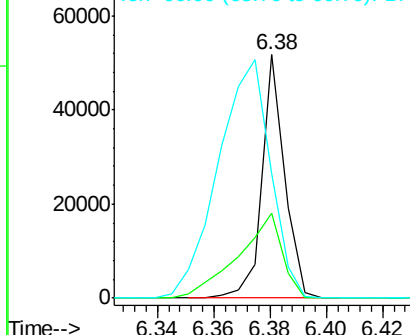
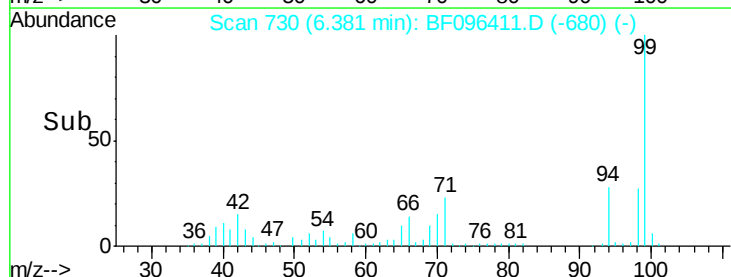
Acq: 2 Jul 2017 12:58

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

B4-10-12

Tgt Ion: 136 Resp: 650023

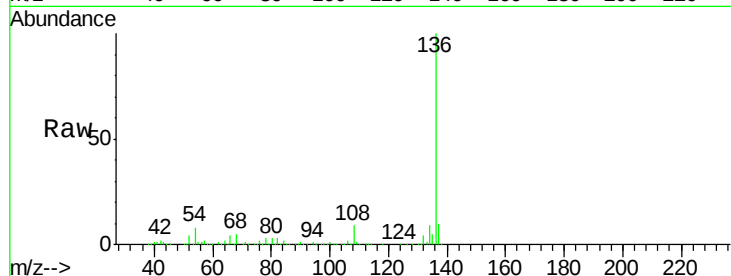
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 8.5 4.9 7.3#

68 4.7 4.1 6.1

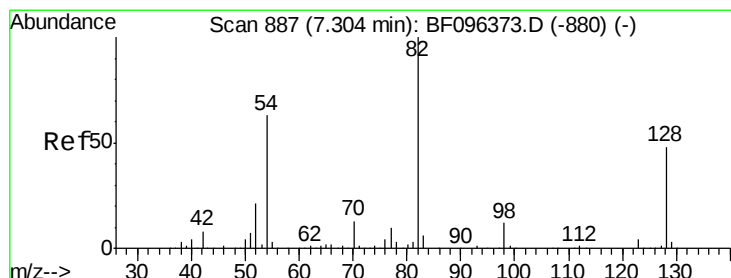
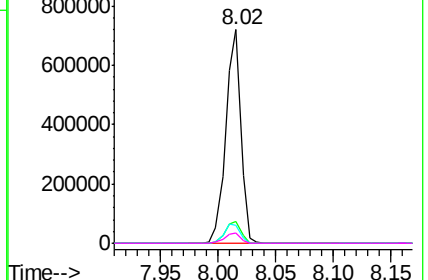
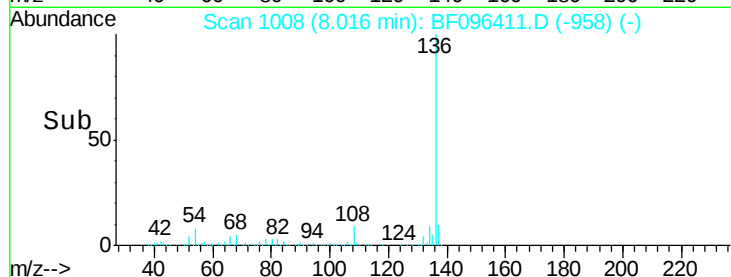


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 64.869 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

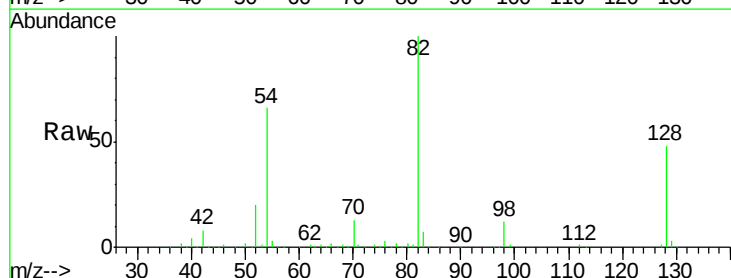
Tgt Ion: 82 Resp: 701705

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

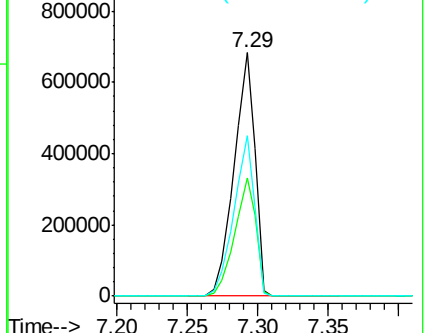
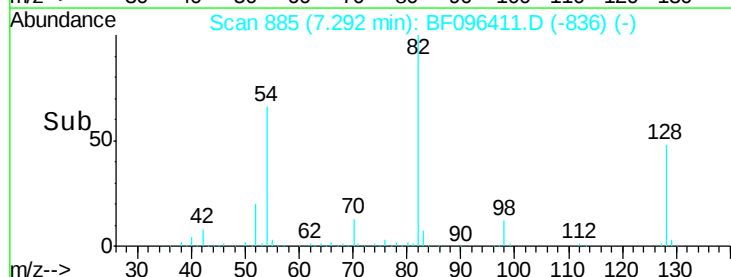
54 65.9 42.2 63.2#

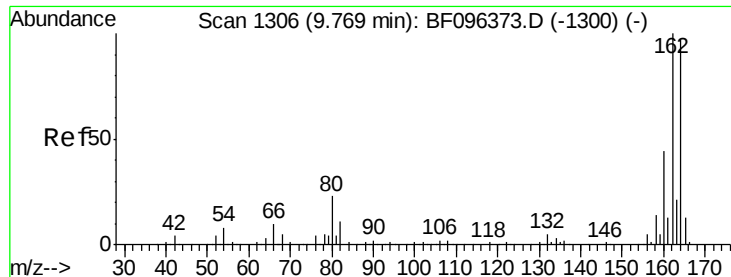


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

Instrument :

BNA_F

ClientSampleId :

B4-10-12

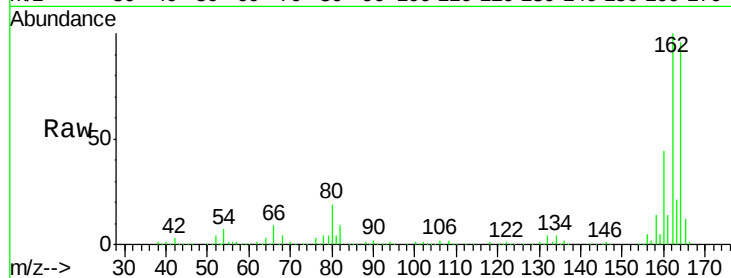
Tgt Ion:164 Resp: 287329

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

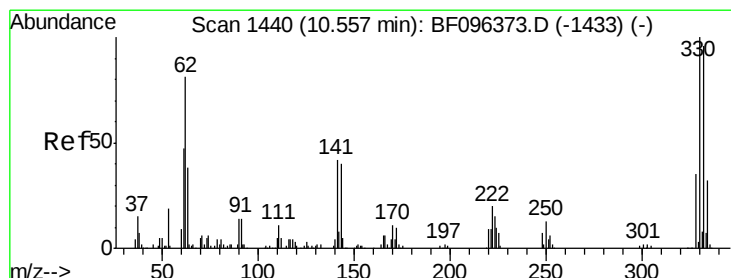
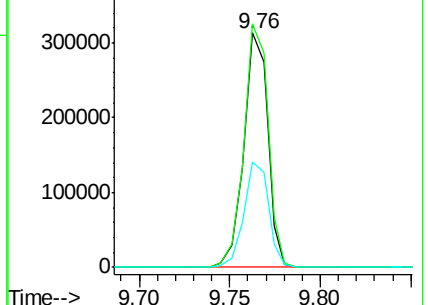
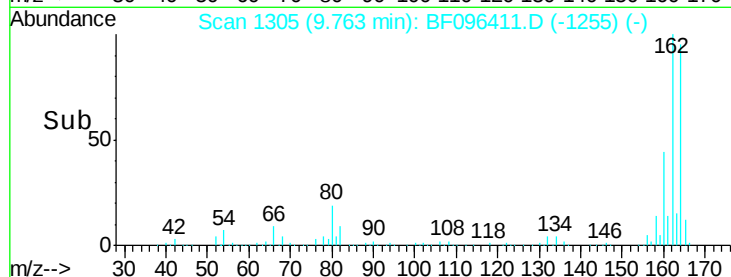
160 45.2 36.2 54.2



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: 106.941 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF096411.D

Acq: 2 Jul 2017 12:58

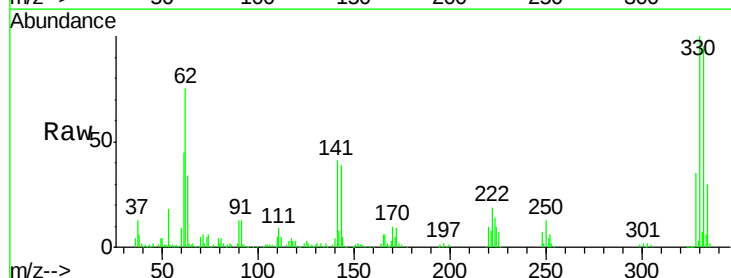
Tgt Ion:330 Resp: 240018

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

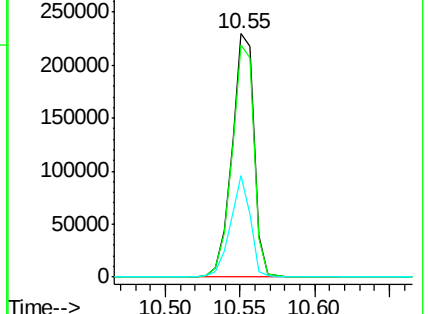
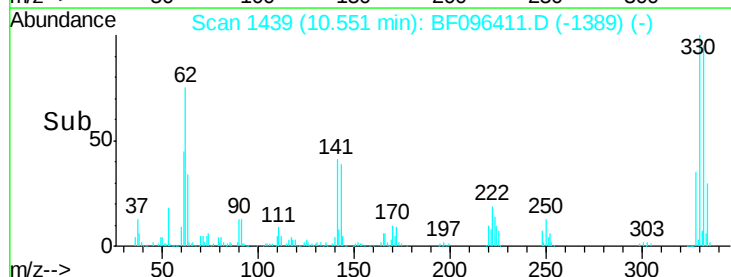
141 37.7 31.4 47.2

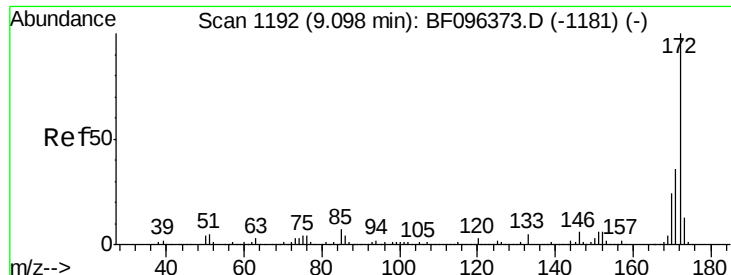


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

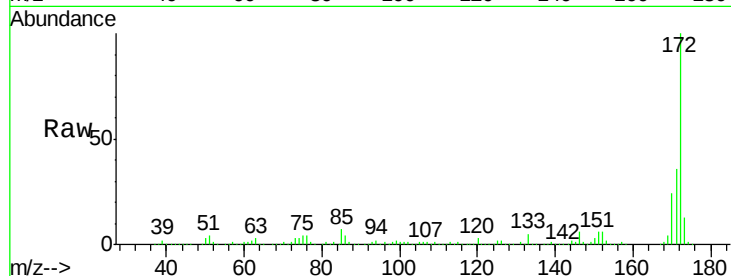




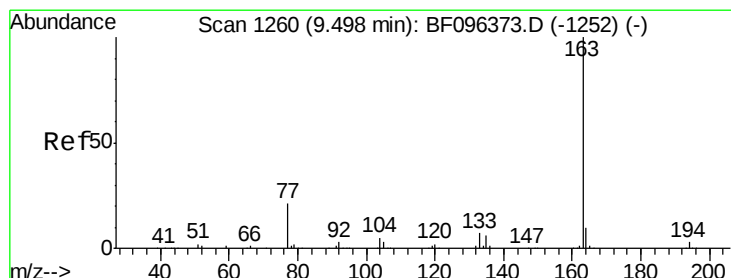
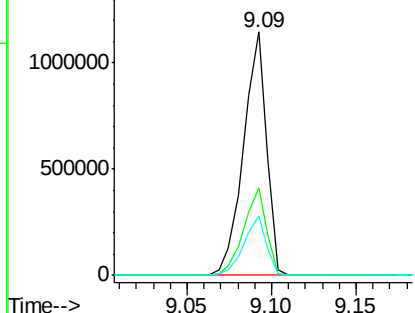
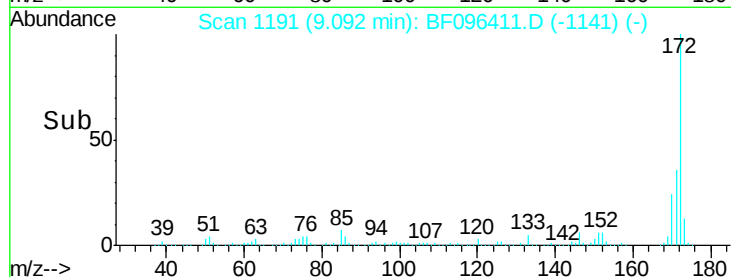
#44
 2-Fluorobiphenyl
 Concen: 65.120 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleId :
 B4-10-12

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

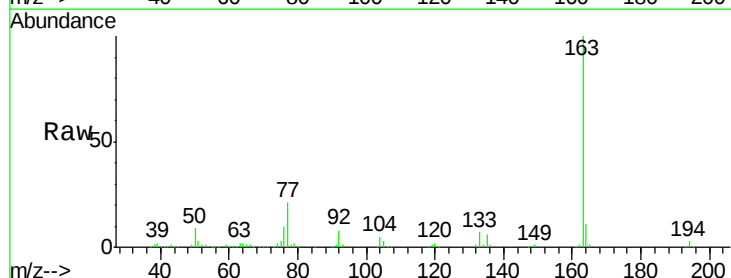


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

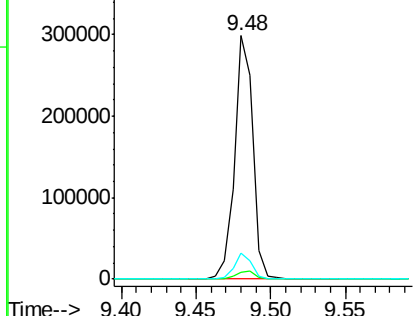
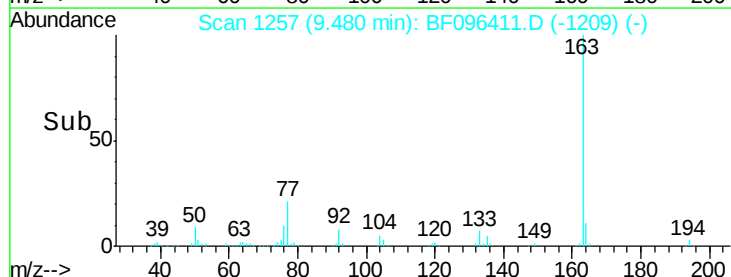


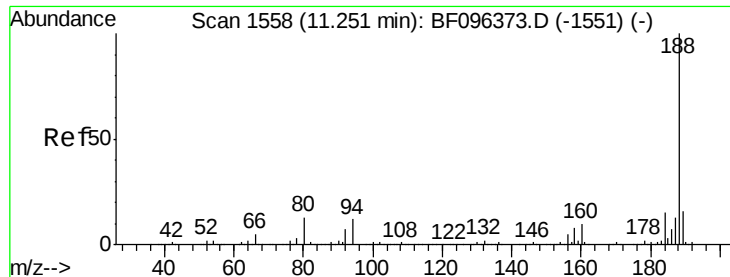
#49
 Dimethylphthalate
 Concen: 12.007 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Tgt 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

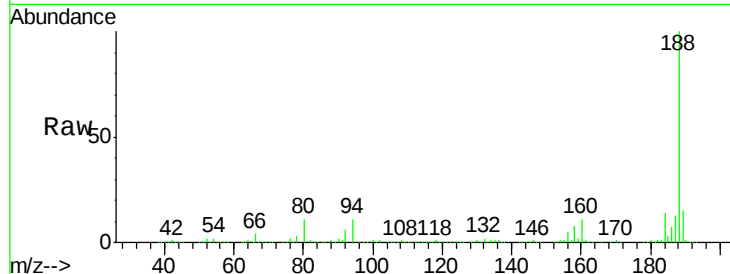




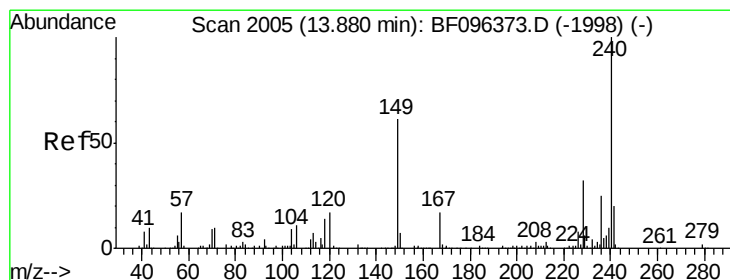
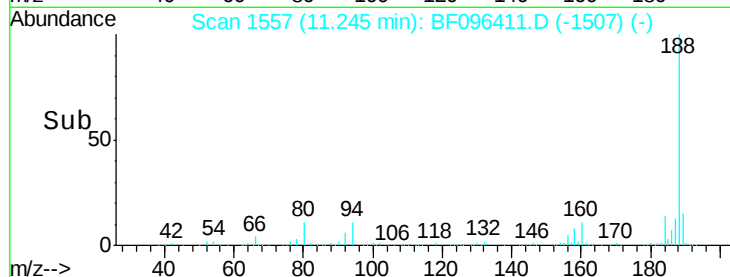
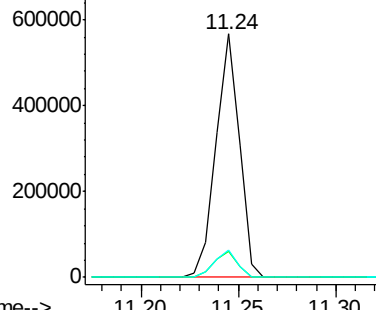
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096411.D
Acq: 2 Jul 2017 12:58

Instrument :
BNA_F
ClientSampleId :
B4-10-12

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

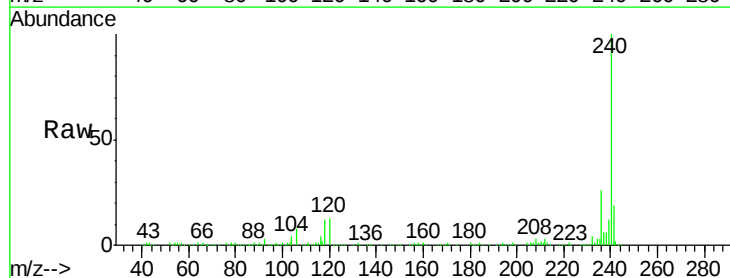


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

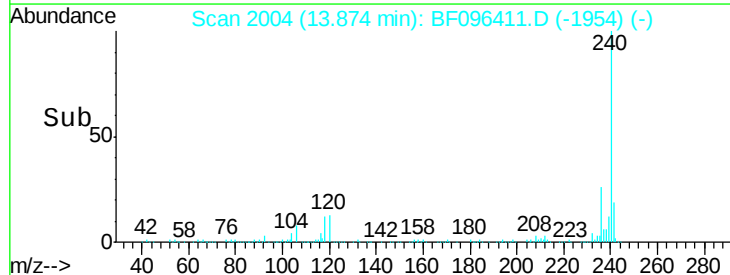
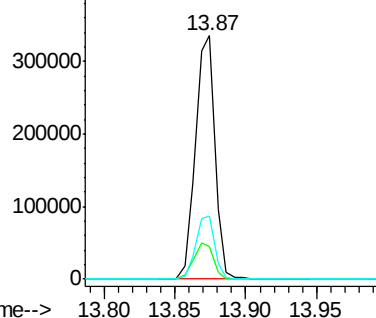


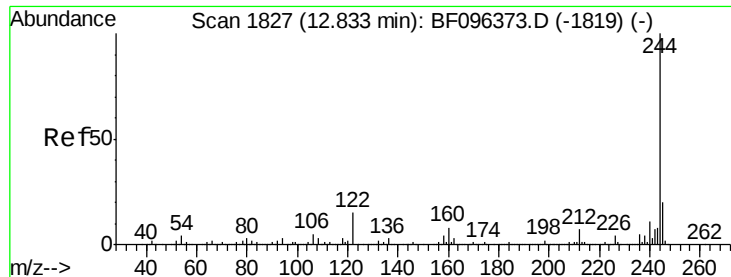
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096411.D
Acq: 2 Jul 2017 12:58

Tgt 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

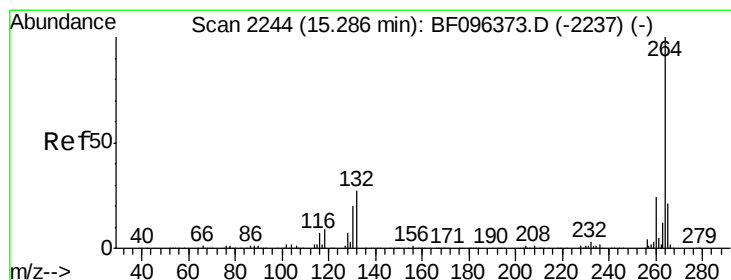
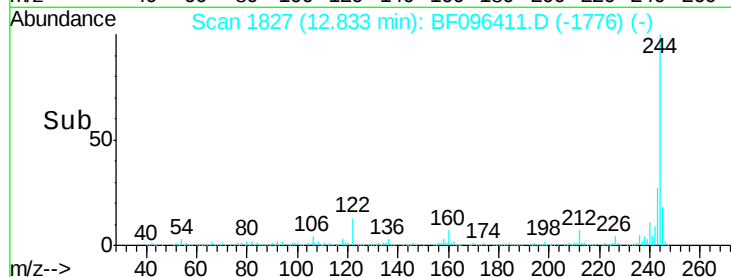
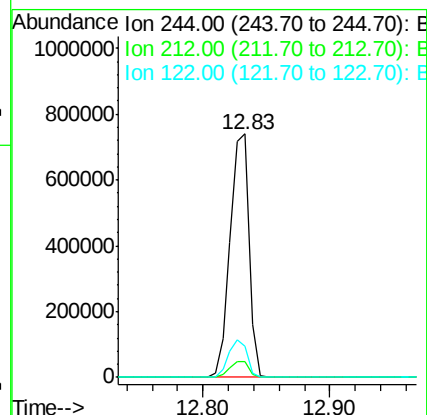
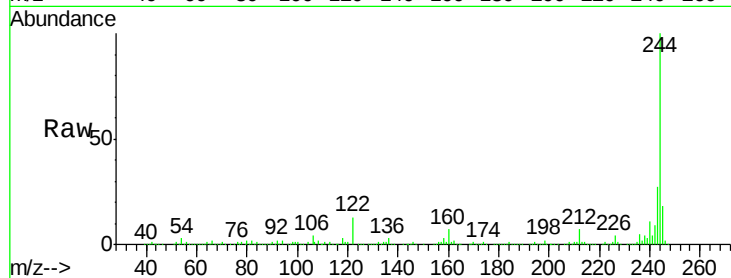




#78
 Terphenyl-d14
 Concen: 50.914 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Instrument :
 BNA_F
 ClientSampleID :
 B4-10-12

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF096411.D
 Acq: 2 Jul 2017 12:58

Tgt Ion:264 Resp: 245016
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.3 17.2 25.8

