

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 :
 B4-8-10

Quant Time: Jul 03 05:10:47 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

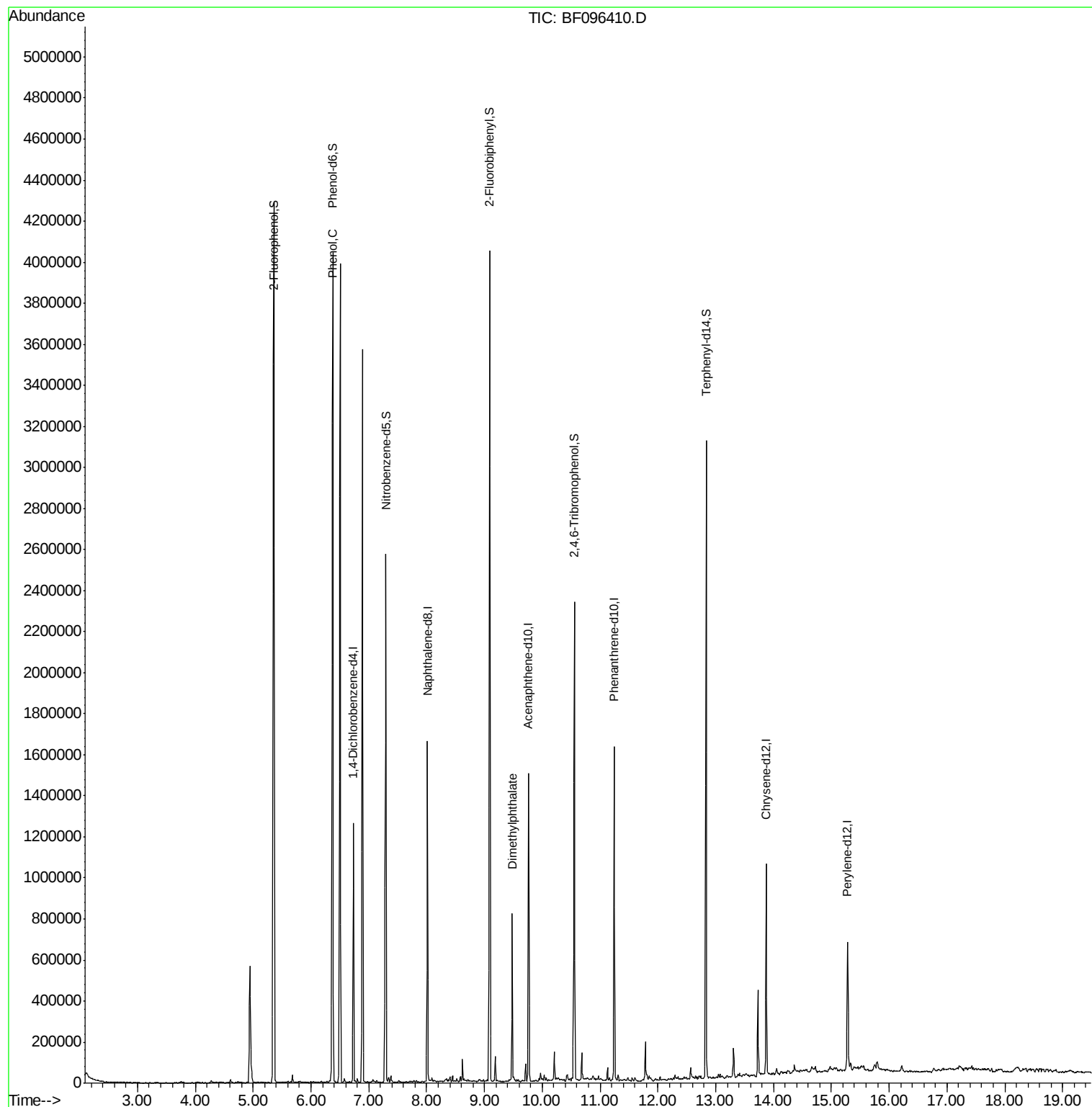
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173715	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	749393	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	310711	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	546086	20.00	ng	0.00
75) Chrysene-d12	13.87	240	353339	20.00	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	2.247	ng	93
49) Dimethylphthalate	9.48	163	320469	13.816	ng	100

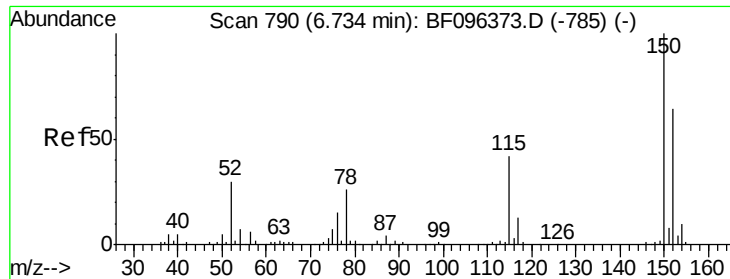
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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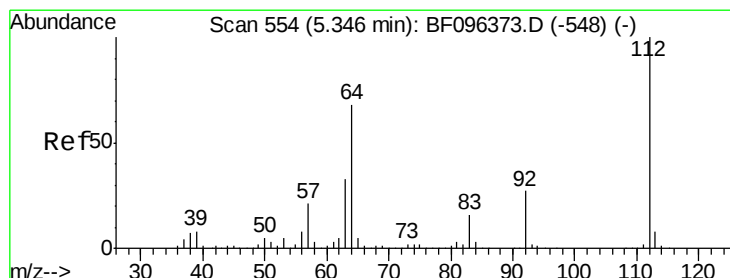
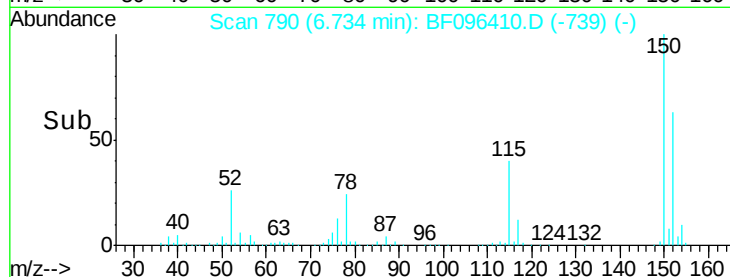
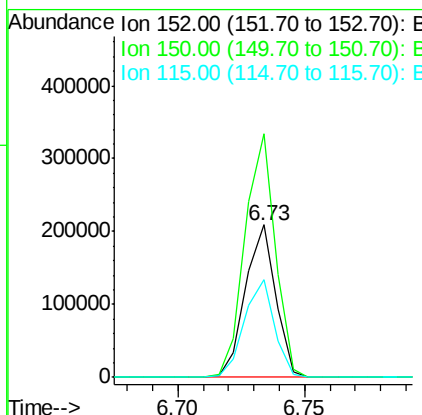
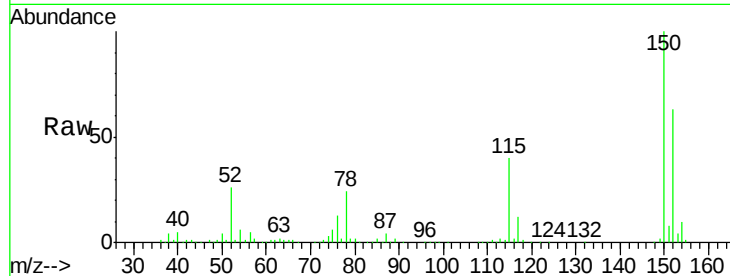


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Instrument :
BNA_F
ClientSampleId :
B4-8-10

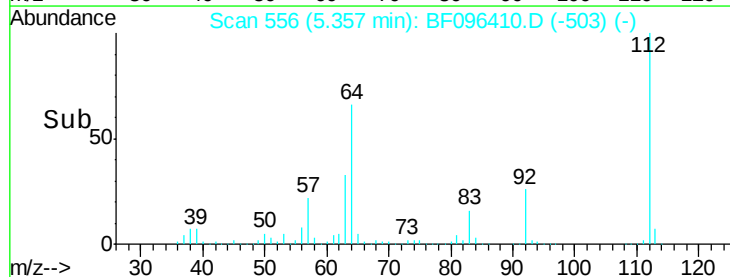
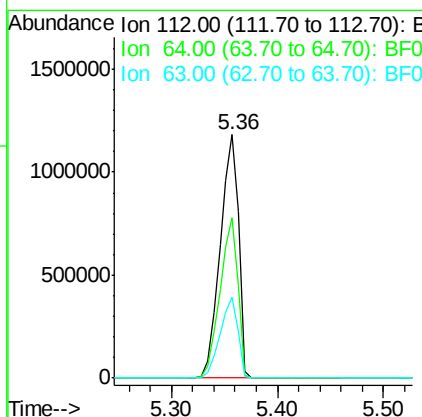
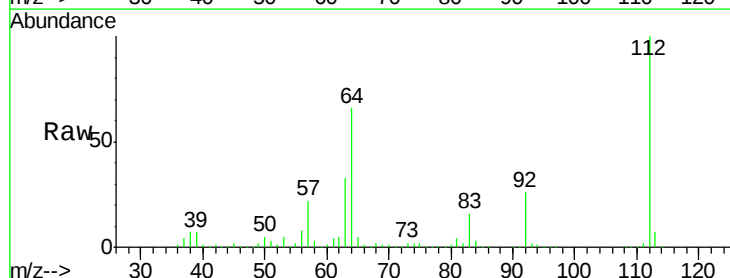
Tgt Ion:152 Resp: 173715
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 64.0 52.2 78.2



#5

2-Fluorophenol
Concen: 121.645 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





#7

Phenol-d6

Concen: 122.926 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF096410.D

Acq: 2 Jul 2017 12:30

Instrument :

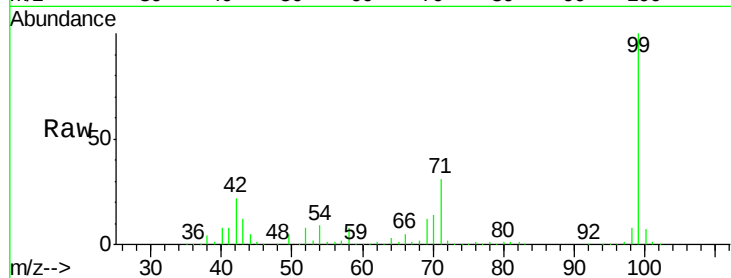
BNA_F

ClientSampleId :

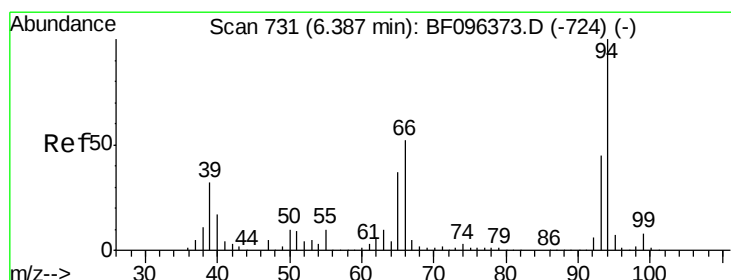
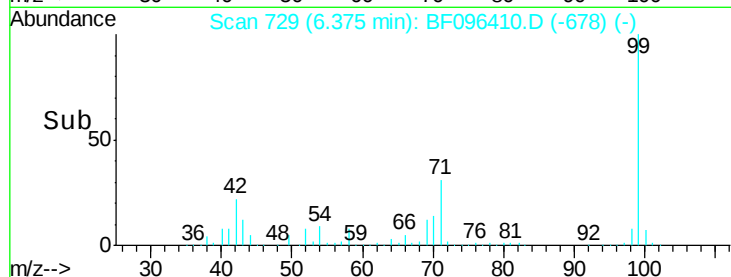
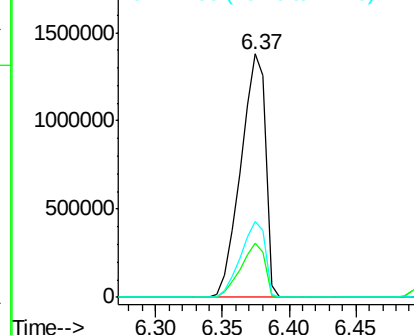
B4-8-10

Tgt 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: 2.247 ng

RT: 6.39 min Scan# 731

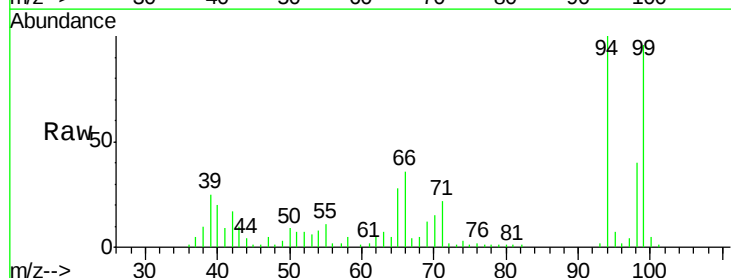
Delta R.T. 0.00 min

Lab File: BF096410.D

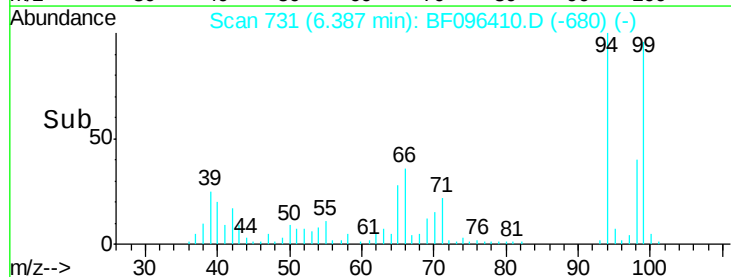
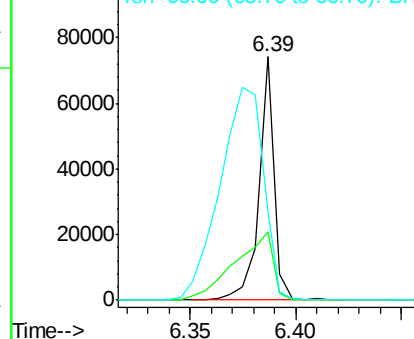
Acq: 2 Jul 2017 12:30

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

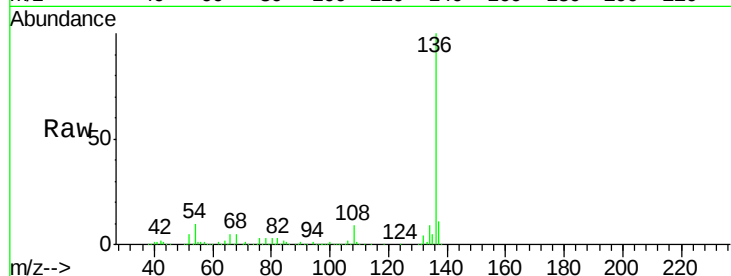




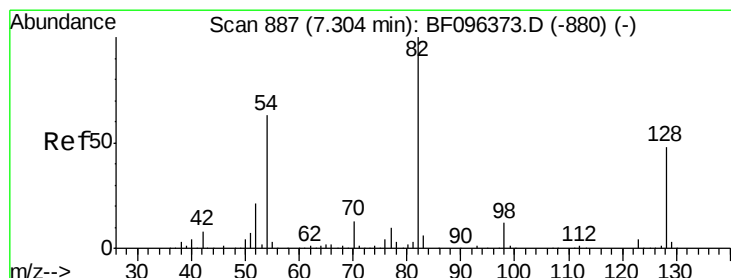
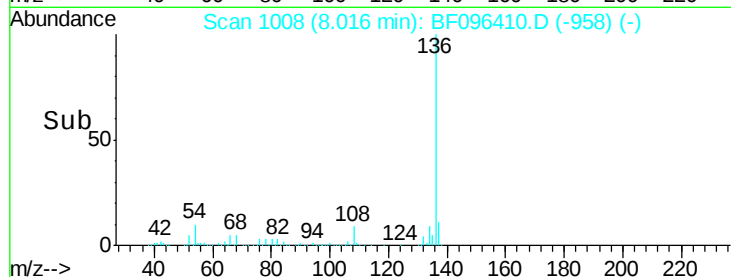
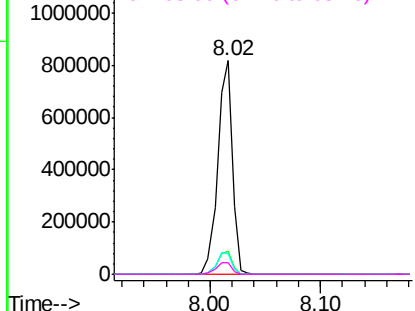
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Instrument :
BNA_F
ClientSampleId :
B4-8-10

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

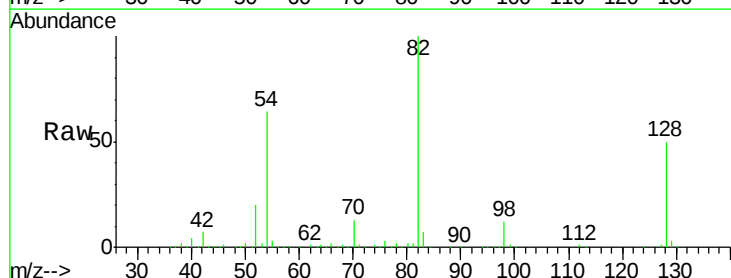


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

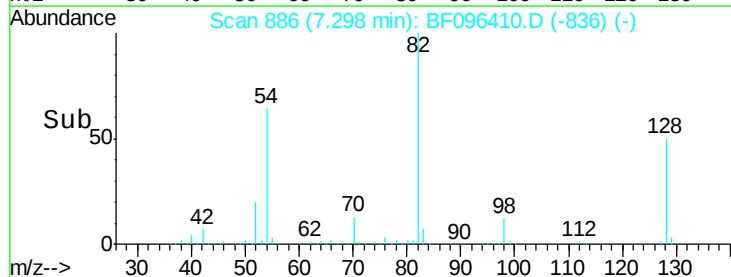
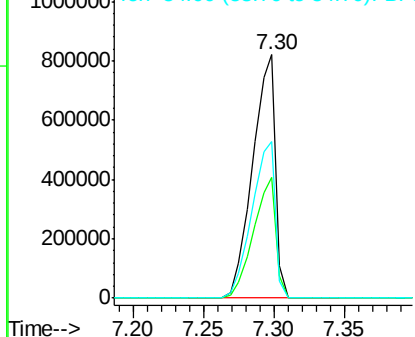


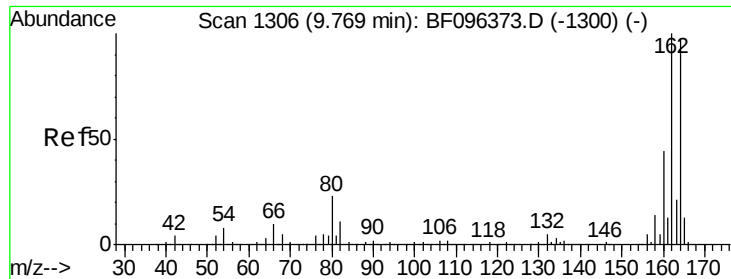
#23
Nitrobenzene-d5
Concen: 74.942 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BF0

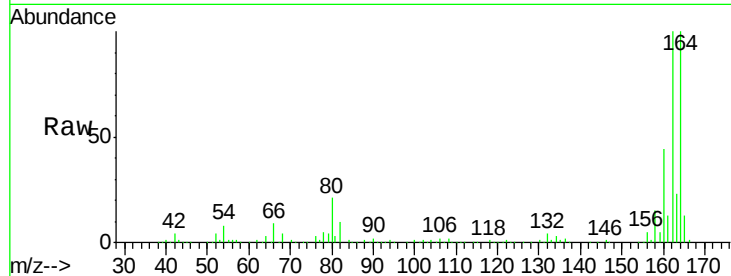




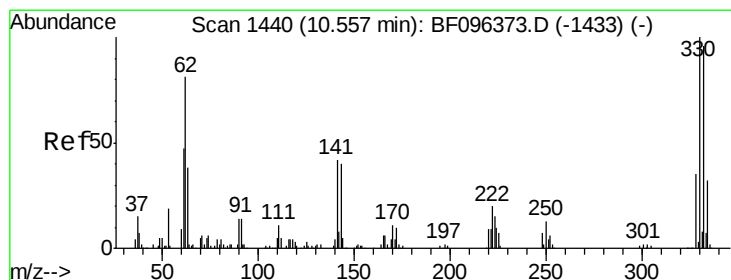
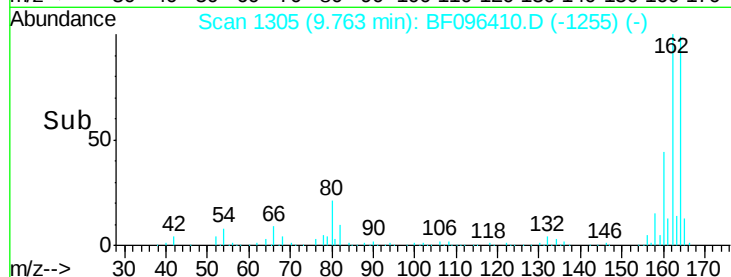
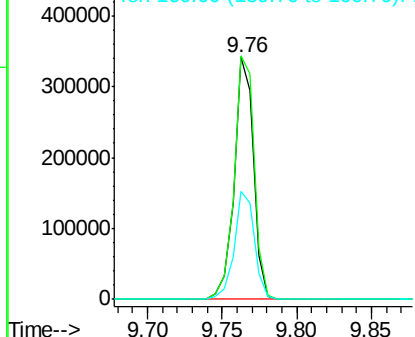
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Instrument :
BNA_F
ClientSampleId :
B4-8-10

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

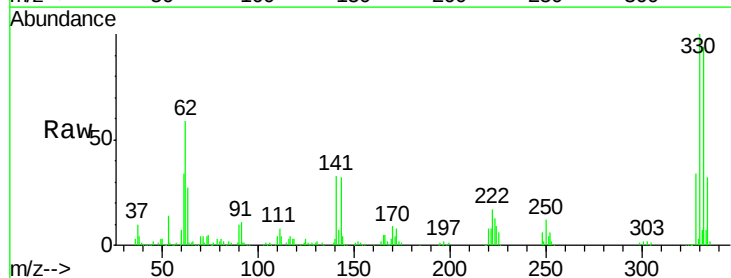


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

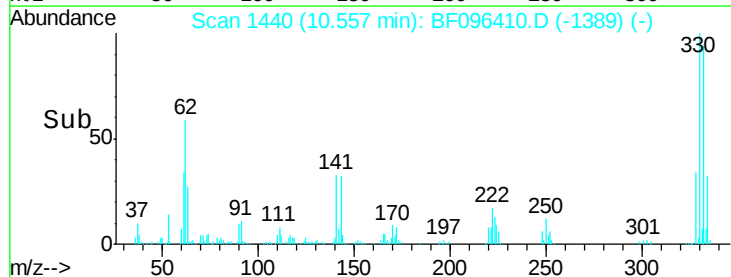
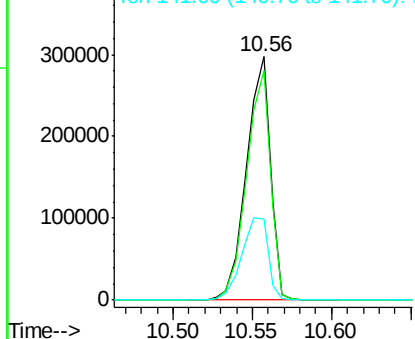


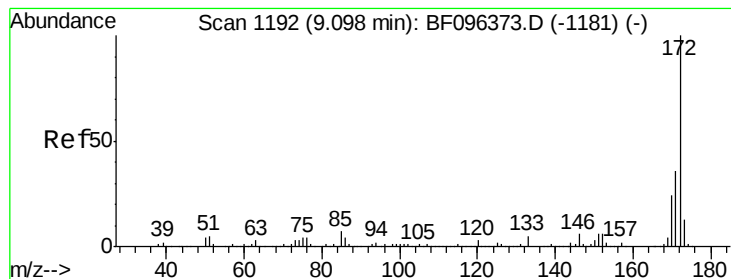
#41
2,4,6-Tribromophenol
Concen: 128.664 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

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: 79.519 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 :

B4-8-10

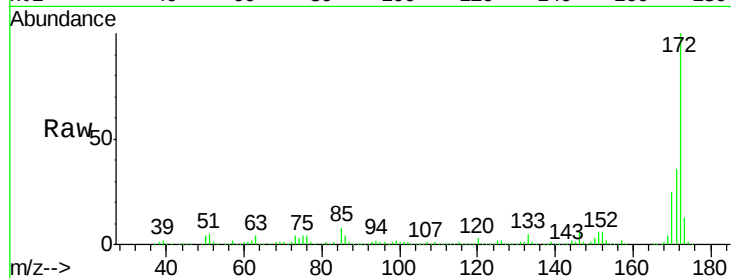
Tgt Ion:172 Resp: 1445070

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

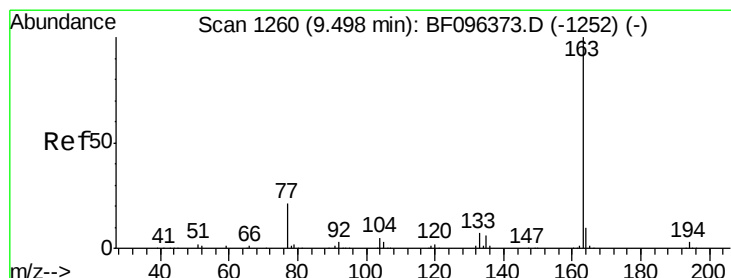
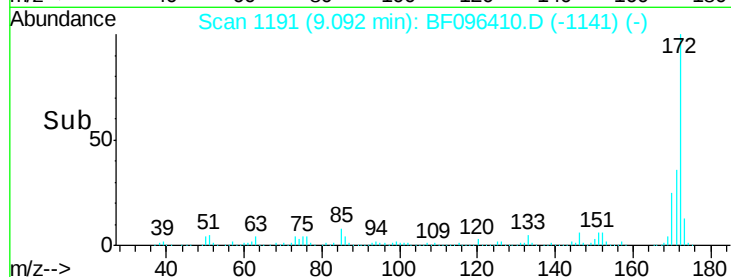
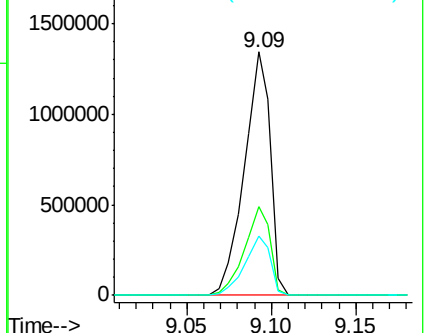
170 24.5 19.8 29.8



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: 13.816 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096410.D

Acq: 2 Jul 2017 12:30

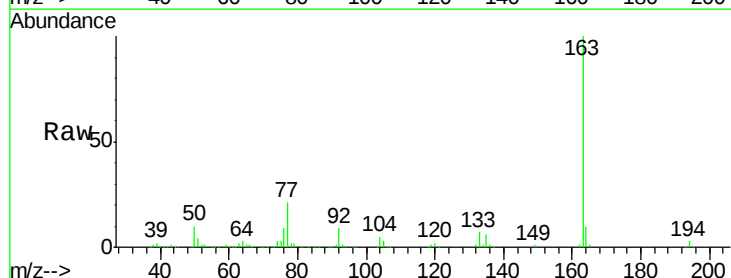
Tgt Ion:163 Resp: 320469

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

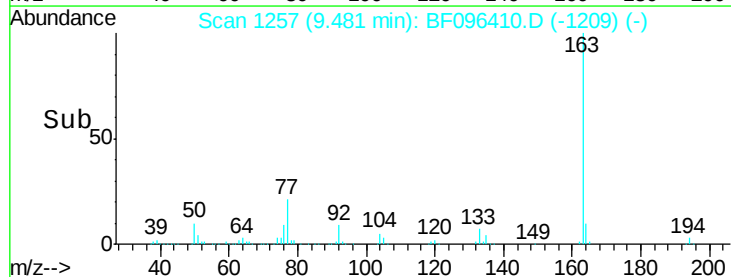
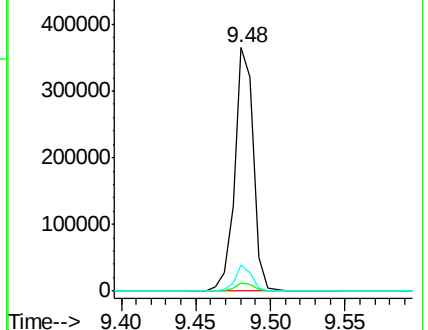
164 10.5 8.4 12.6

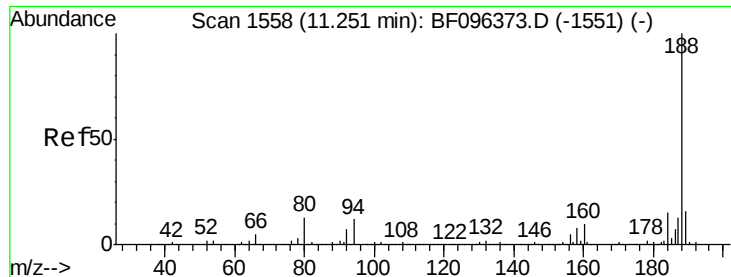


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

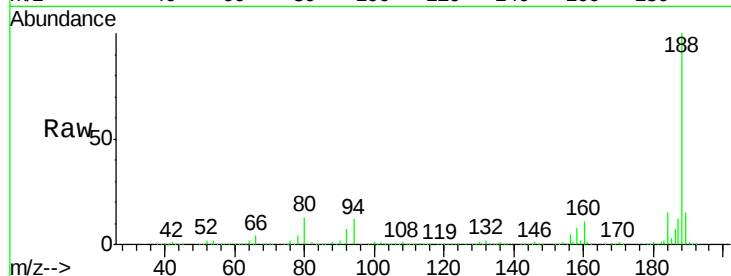




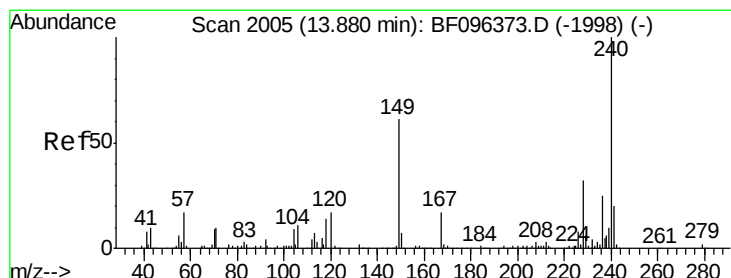
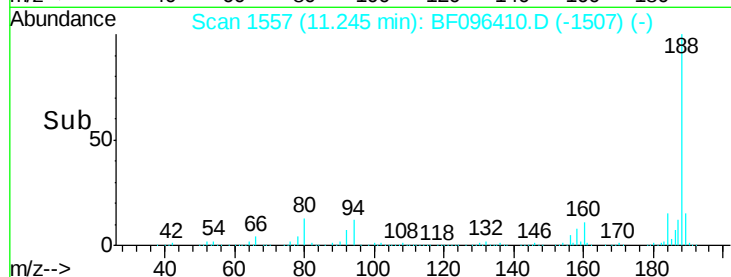
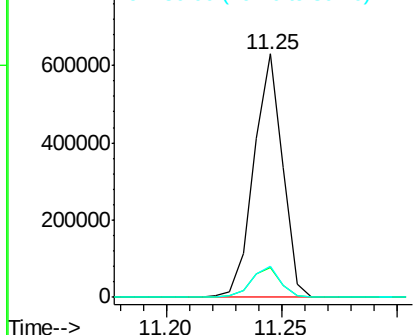
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

Instrument :
BNA_F
ClientSampleId :
B4-8-10

Tgt Ion:188 Resp: 546086
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.7 10.2 15.2

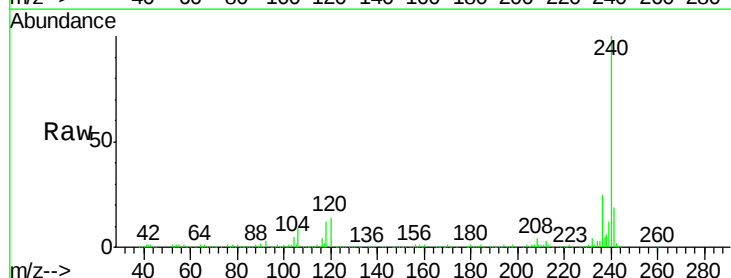


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

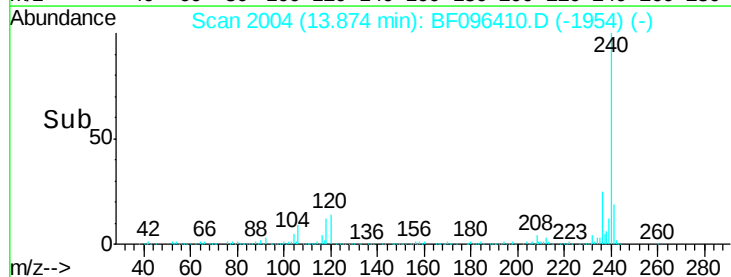
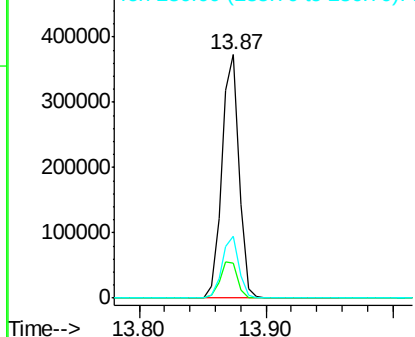


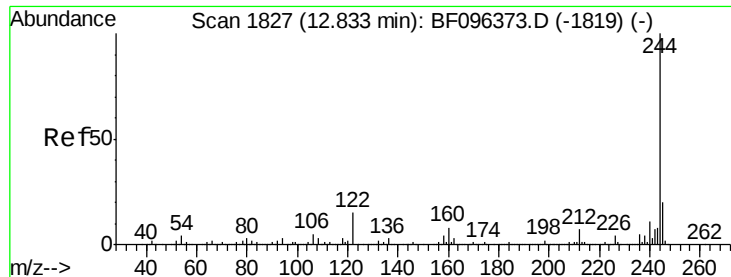
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096410.D
Acq: 2 Jul 2017 12:30

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

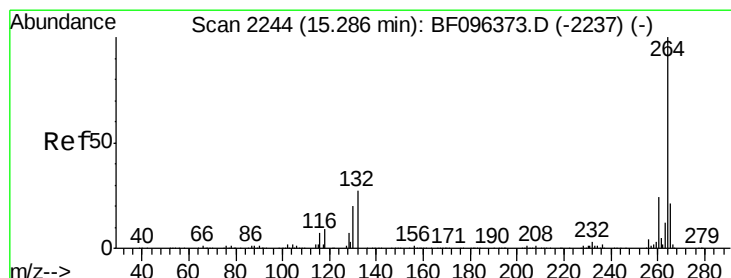
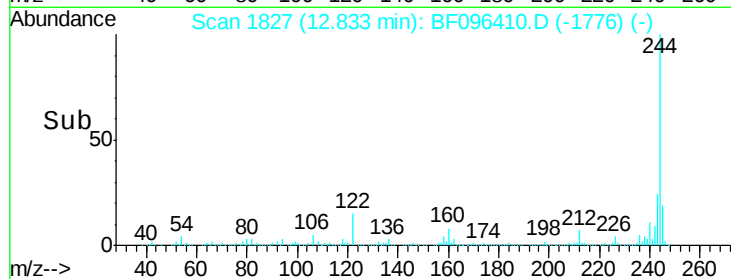
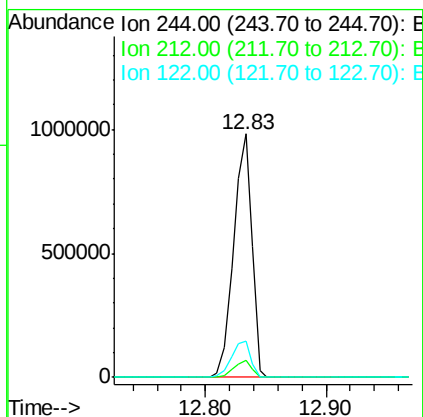
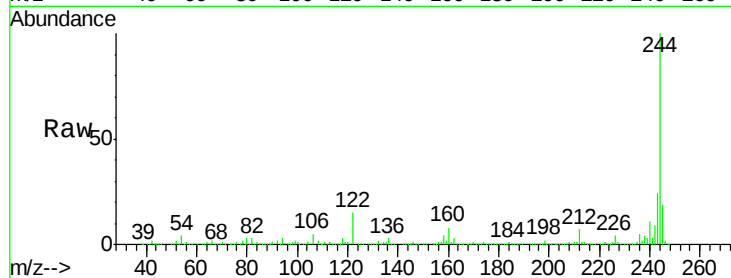




#78
 Terphenyl-d14
 Concen: 62.678 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF096410.D
 Acq: 2 Jul 2017 12:30

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1036418
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 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

