

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086493.D
 Acq On : 29 Apr 2016 15:42
 Operator : UM/SJ
 Sample : H2739-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01

Quant Time: Apr 30 00:54:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

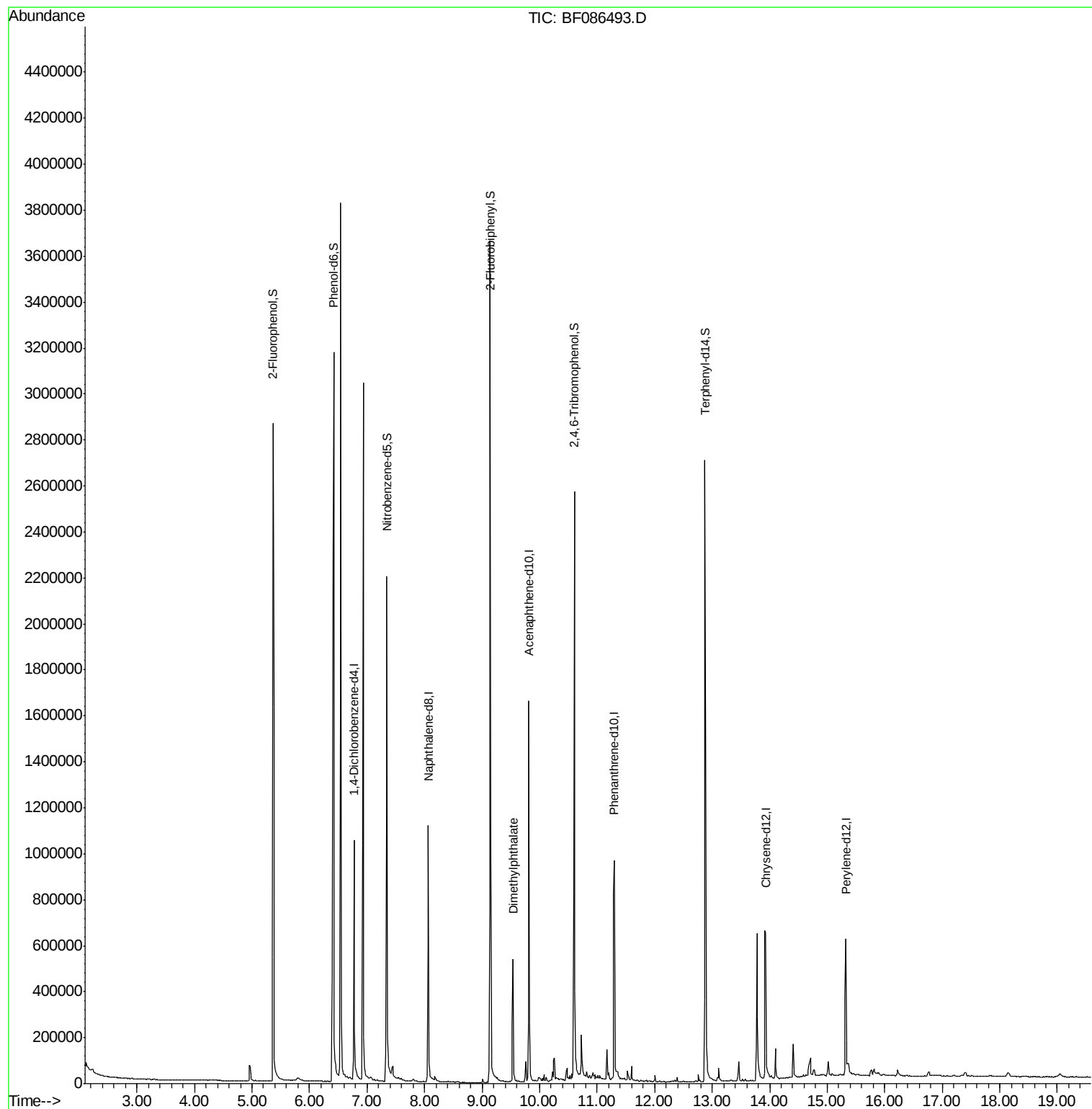
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	150983	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	658089	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	319786	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	569533	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	401415	20.00	ng	-0.03
86) Perylene-d12	15.32	264	322524	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	974209	111.30	ng	-0.02
7) Phenol-d6	6.42	99	1456236	119.20	ng	-0.02
23) Nitrobenzene-d5	7.34	82	918222	75.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	316419	93.83	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1310224	68.56	ng	-0.03
78) Terphenyl-d14	12.88	244	1113468	61.11	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.54	163	262646	10.91	ng	Qvalue 98

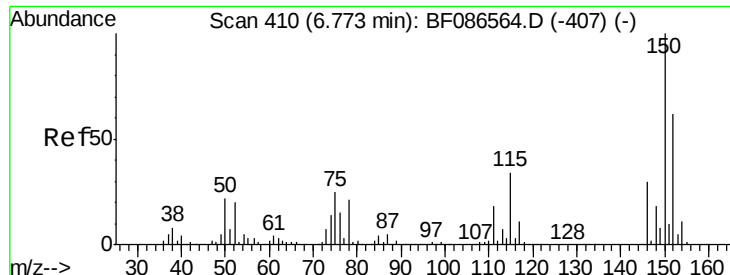
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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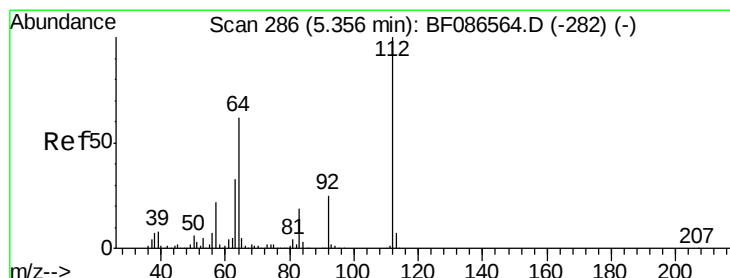
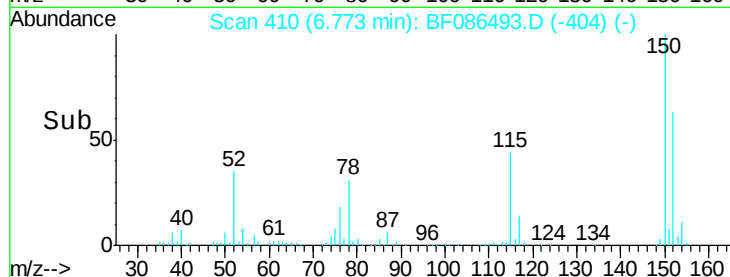
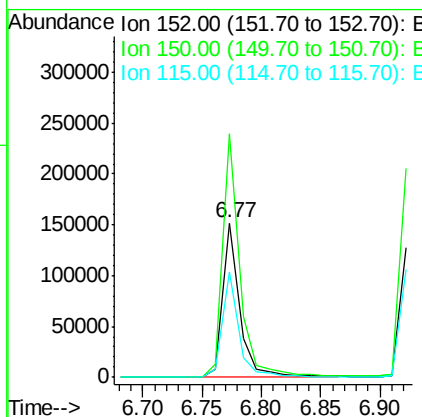
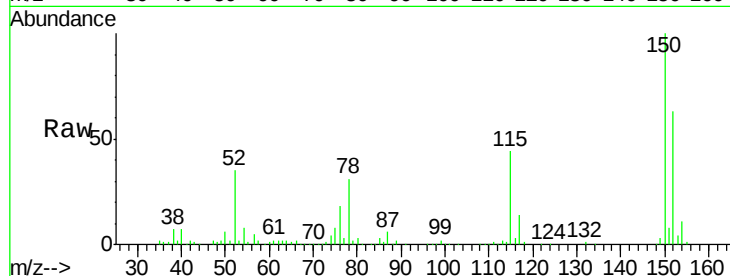


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF086493.D
Acq: 29 Apr 2016 15:42

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

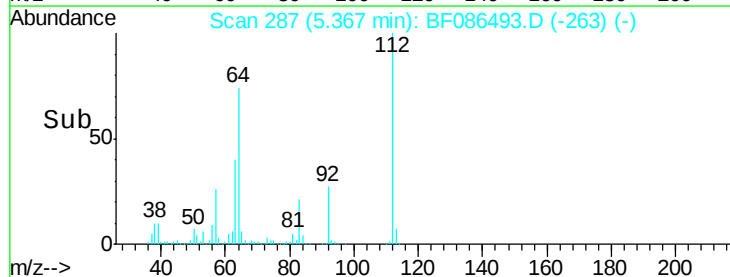
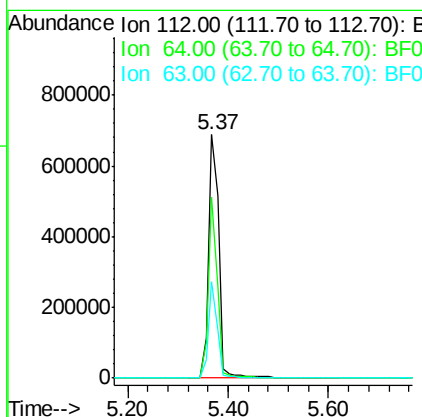
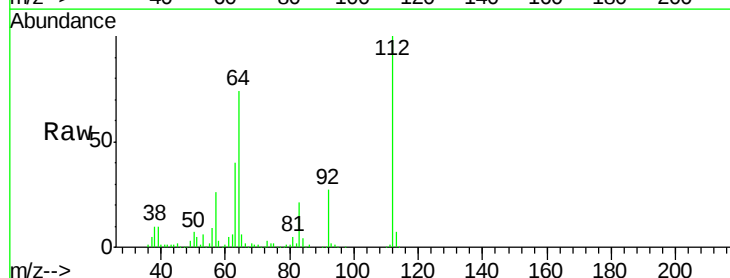
Tot Ion:152 Resp: 150983
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 68.7 51.5 77.3

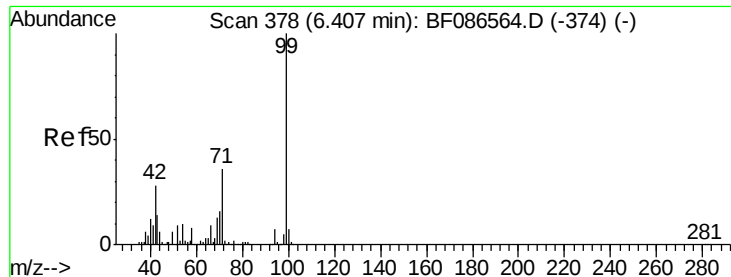


#5

2-Fluorophenol
Concen: 111.30 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086493.D
Acq: 29 Apr 2016 15:42

Tgt Ion:112 Resp: 974209
Ion Ratio Lower Upper
112 100
64 74.4 52.1 78.1
63 39.6 25.7 38.5#





#7

Phenol-d6

Concen: 119.20 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086493.D

Acq: 29 Apr 2016 15:42

Instrument :

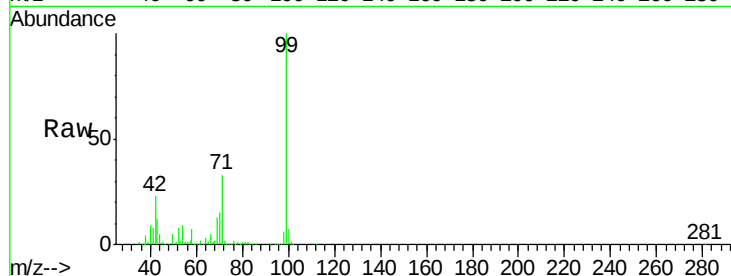
BNA_F

ClientSampleId :

P001-BF001-01

Tot Ion: 99 Resp: 1456236

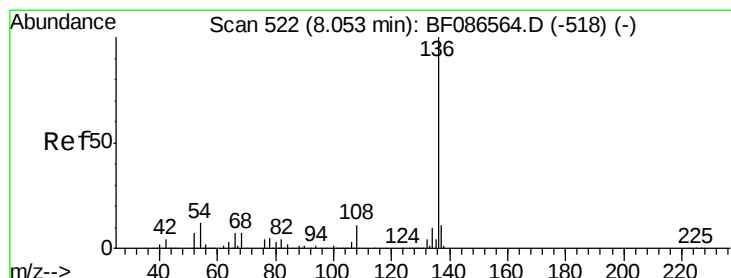
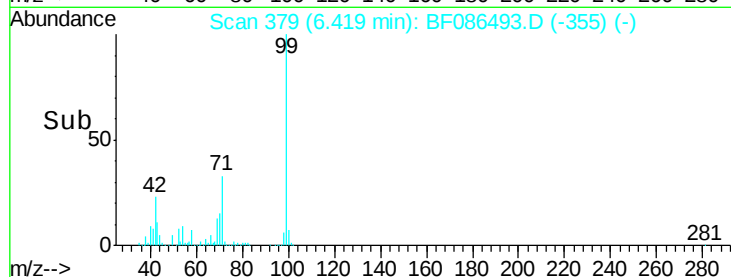
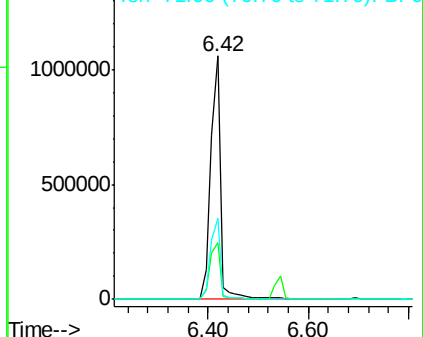
Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.6	20.4#
71	33.4	24.6	36.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

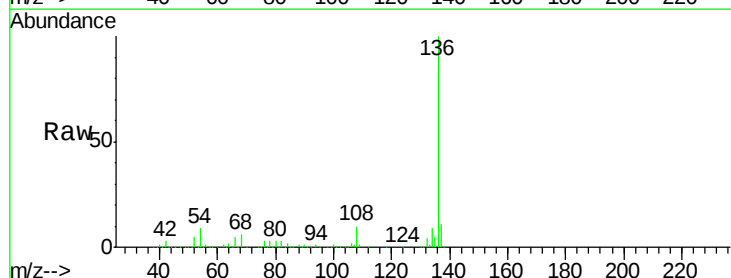
Delta R.T. -0.03 min

Lab File: BF086493.D

Acq: 29 Apr 2016 15:42

Tgt Ion: 136 Resp: 658089

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.2	5.0	7.4#
68	5.7	4.4	6.6

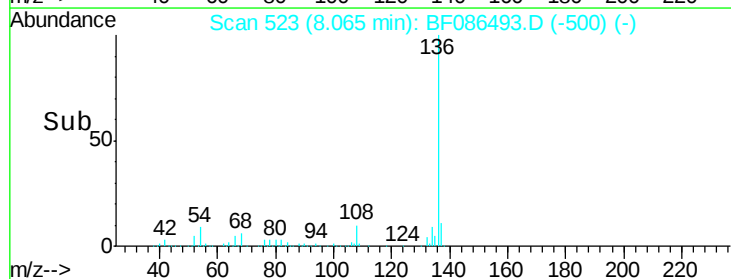
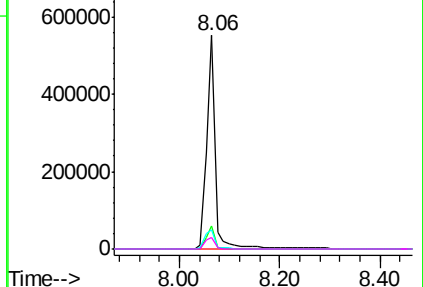


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.21 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF086493.D

Acq: 29 Apr 2016 15:42

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01

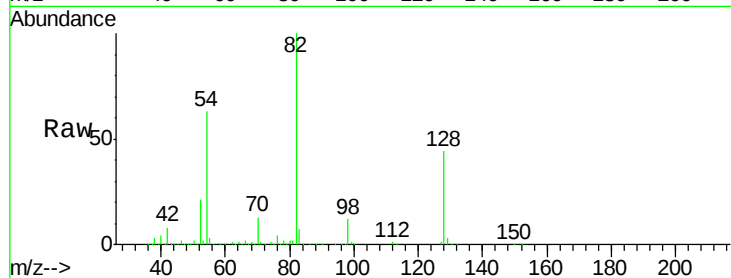
Tot Ion: 82 Resp: 918222

Ion Ratio Lower Upper

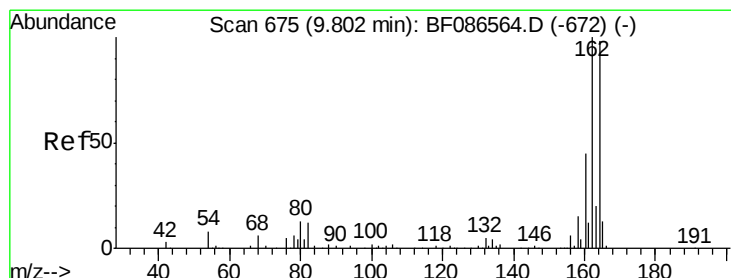
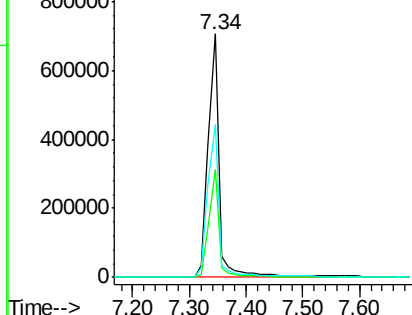
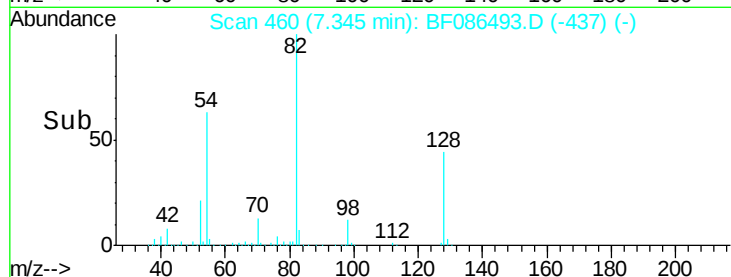
82 100

128 44.4 40.6 61.0

54 62.8 38.1 57.1#



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: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086493.D

Acq: 29 Apr 2016 15:42

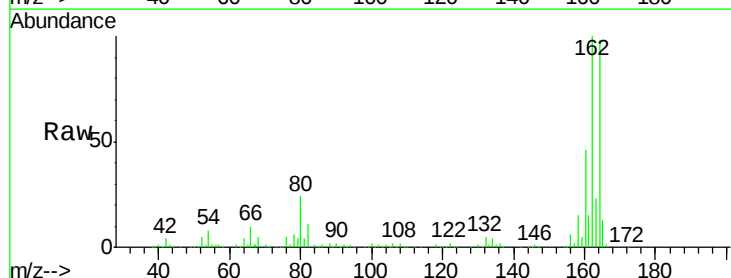
Tgt Ion:164 Resp: 319786

Ion Ratio Lower Upper

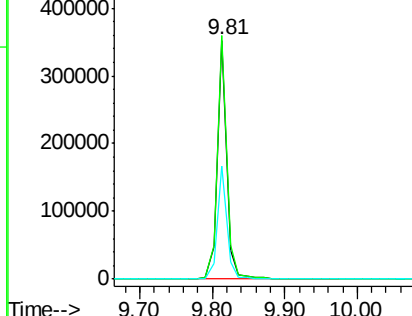
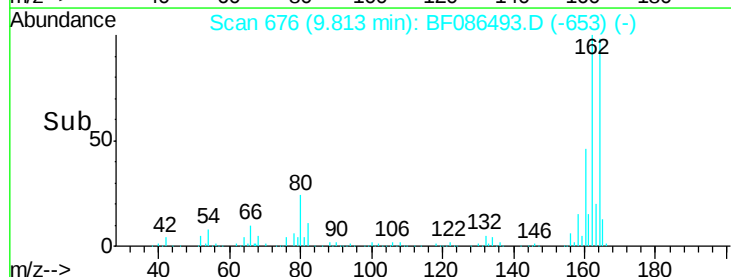
164 100

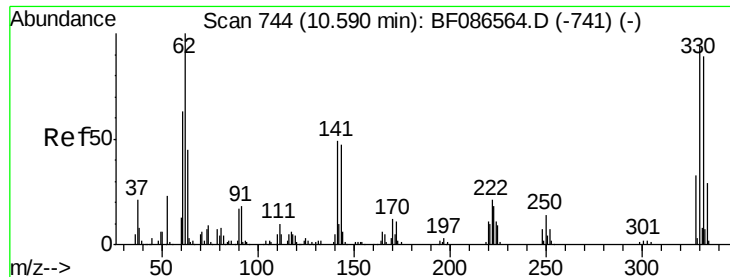
162 101.9 82.8 124.2

160 47.1 36.9 55.3



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

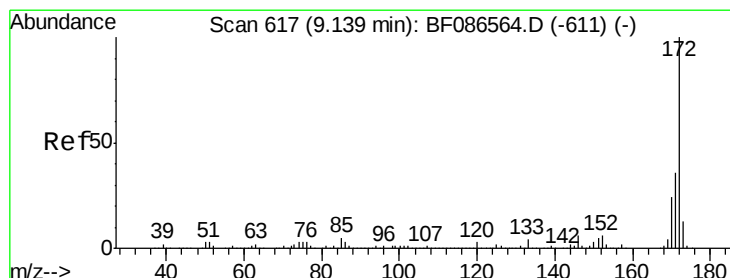
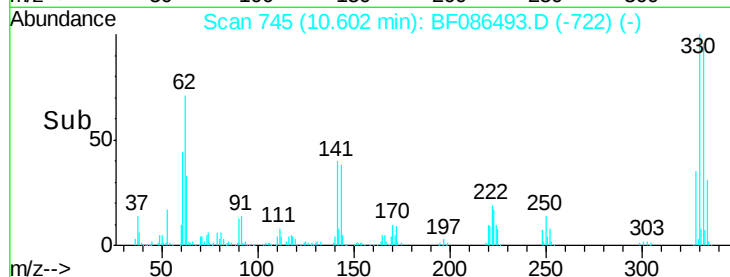
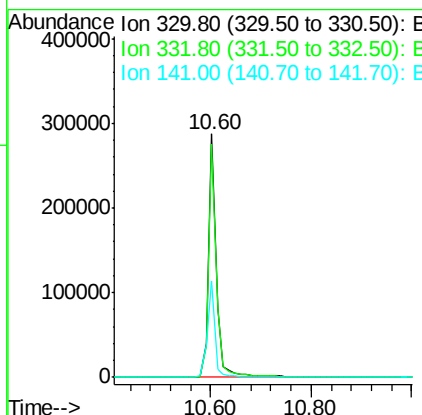
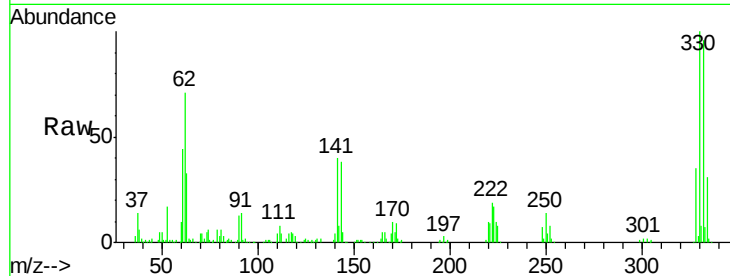




#41
 2,4,6-Tribromophenol
 Concen: 93.83 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086493.D
 Acq: 29 Apr 2016 15:42

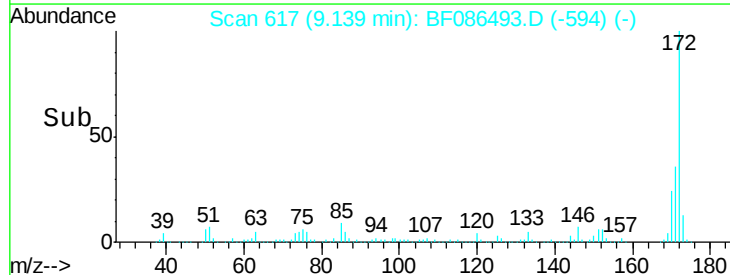
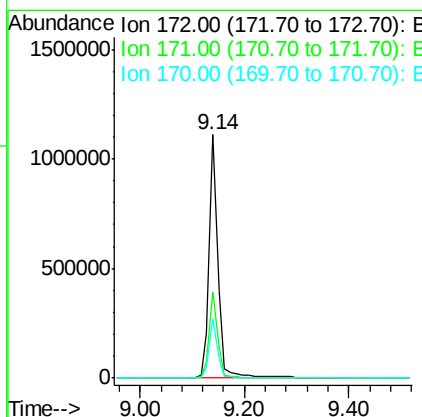
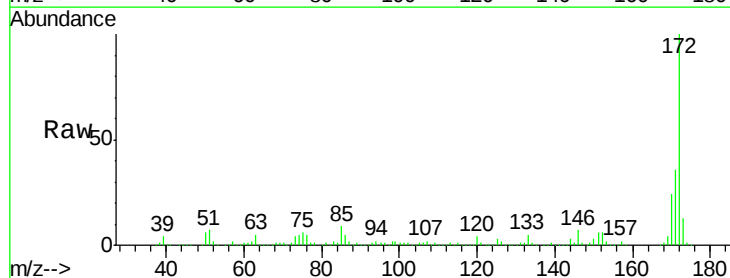
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF001-01

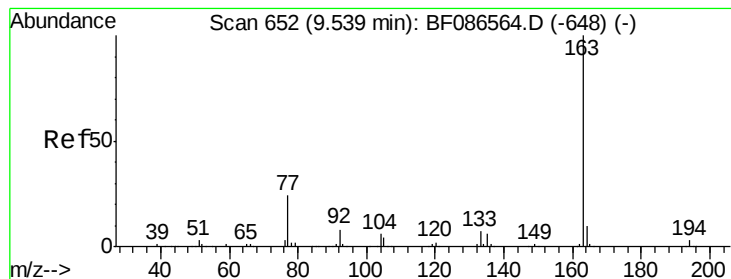
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	79.0	118.4
141	38.0	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 68.56 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086493.D
 Acq: 29 Apr 2016 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.2	19.8	29.8





#49

Dimethylphthalate

Concen: 10.91 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF086493.D

Acq: 29 Apr 2016 15:42

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01

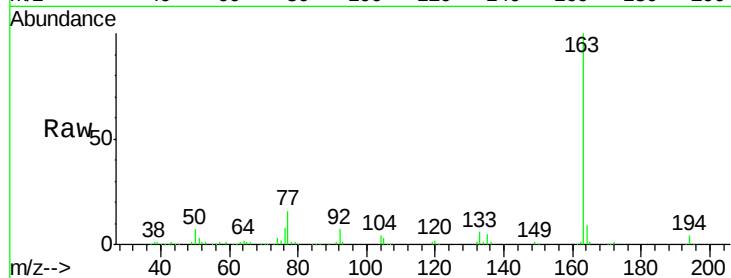
Tot Ion:163 Resp: 262646

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

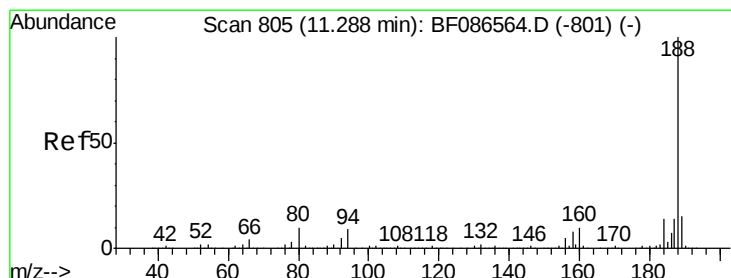
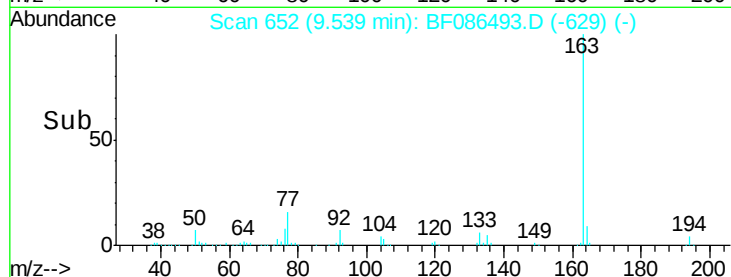
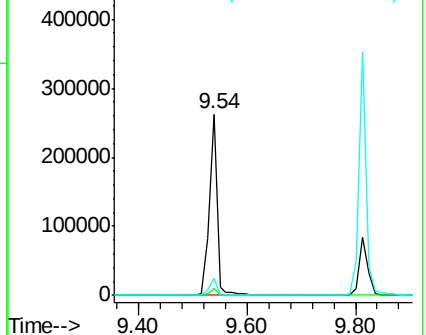
164 9.5 8.2 12.4



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: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF086493.D

Acq: 29 Apr 2016 15:42

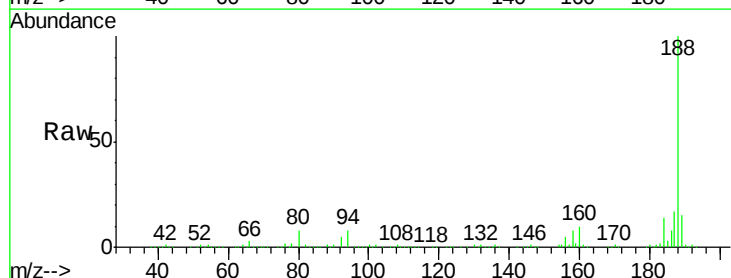
Tgt Ion:188 Resp: 569533

Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

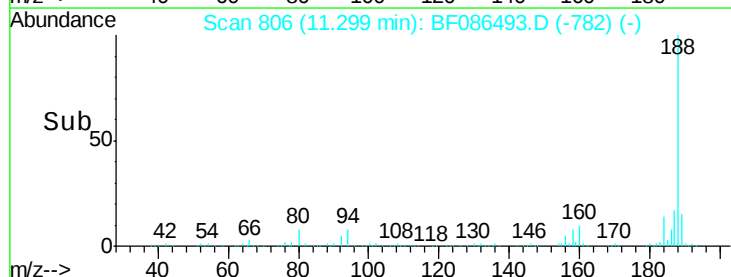
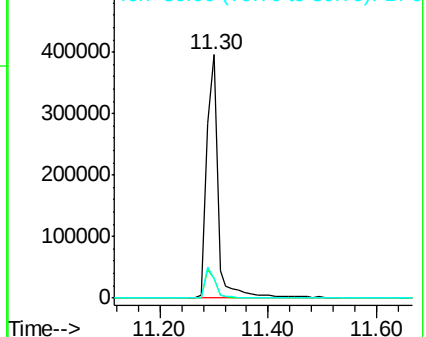
80 7.9 7.1 10.7

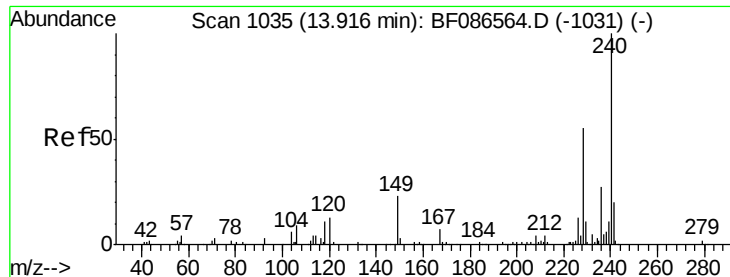


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086493.D

Acq: 29 Apr 2016 15:42

Instrument :

BNA_F

ClientSampleId :

P001-BF001-01

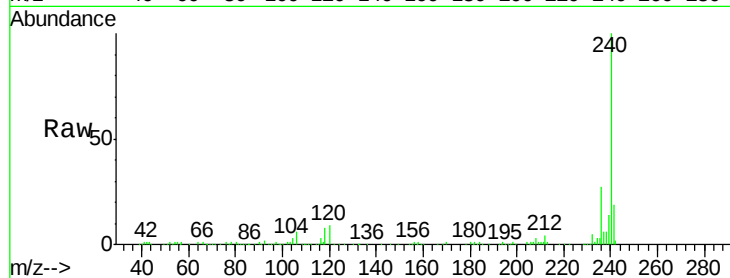
Tot Ion:240 Resp: 401415

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

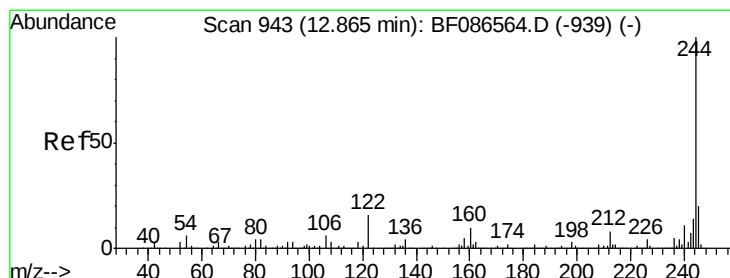
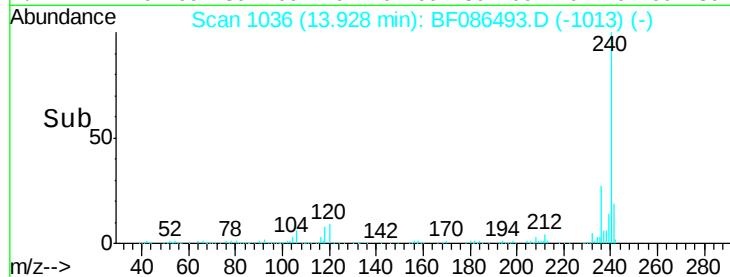
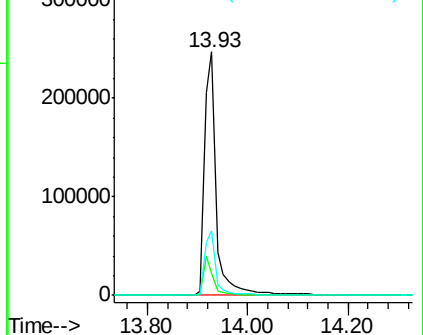
236 26.7 21.2 31.8



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: 61.11 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF086493.D

Acq: 29 Apr 2016 15:42

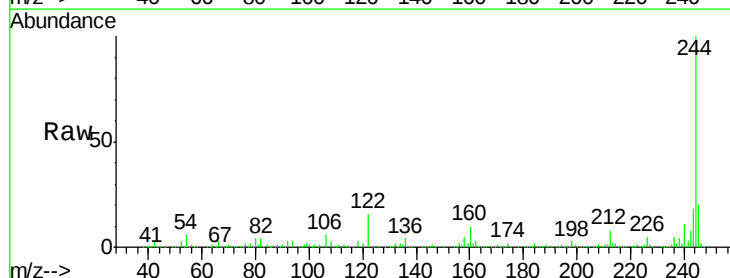
Tgt Ion:244 Resp: 1113468

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

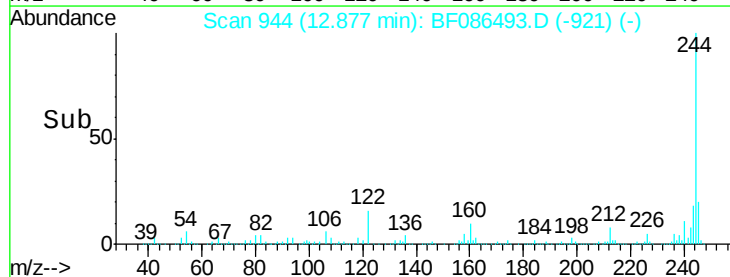
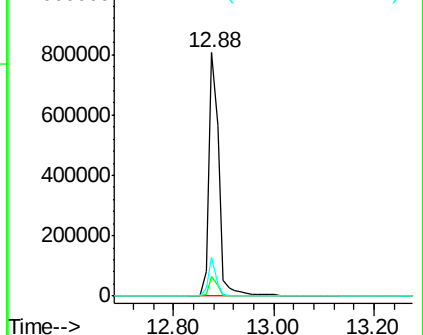
122 16.1 12.0 18.0

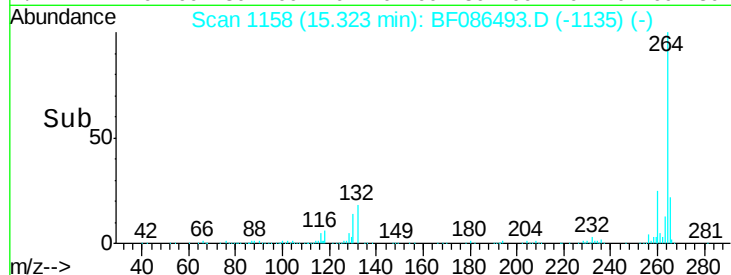
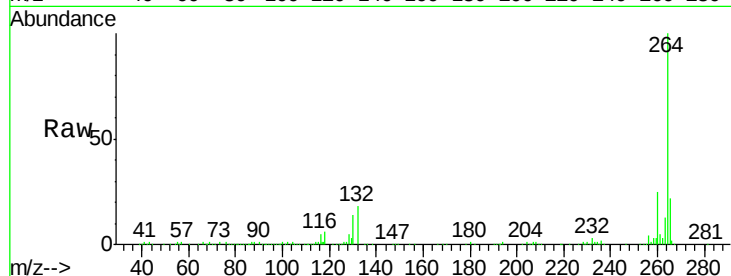
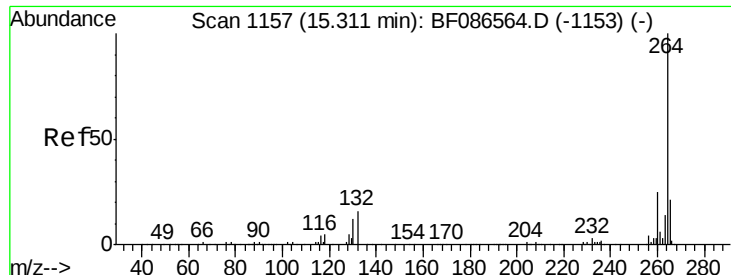


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF086493.D
Acq: 29 Apr 2016 15:42

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01

Tot Ion:	264	Resp:	322524
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.5	29.3
265	21.6	17.3	25.9

