

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082710.D
 Acq On : 4 Nov 2015 19:42
 Operator : UM/IZ
 Sample : G4241-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16(4)

Quant Time: Nov 05 06:10:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

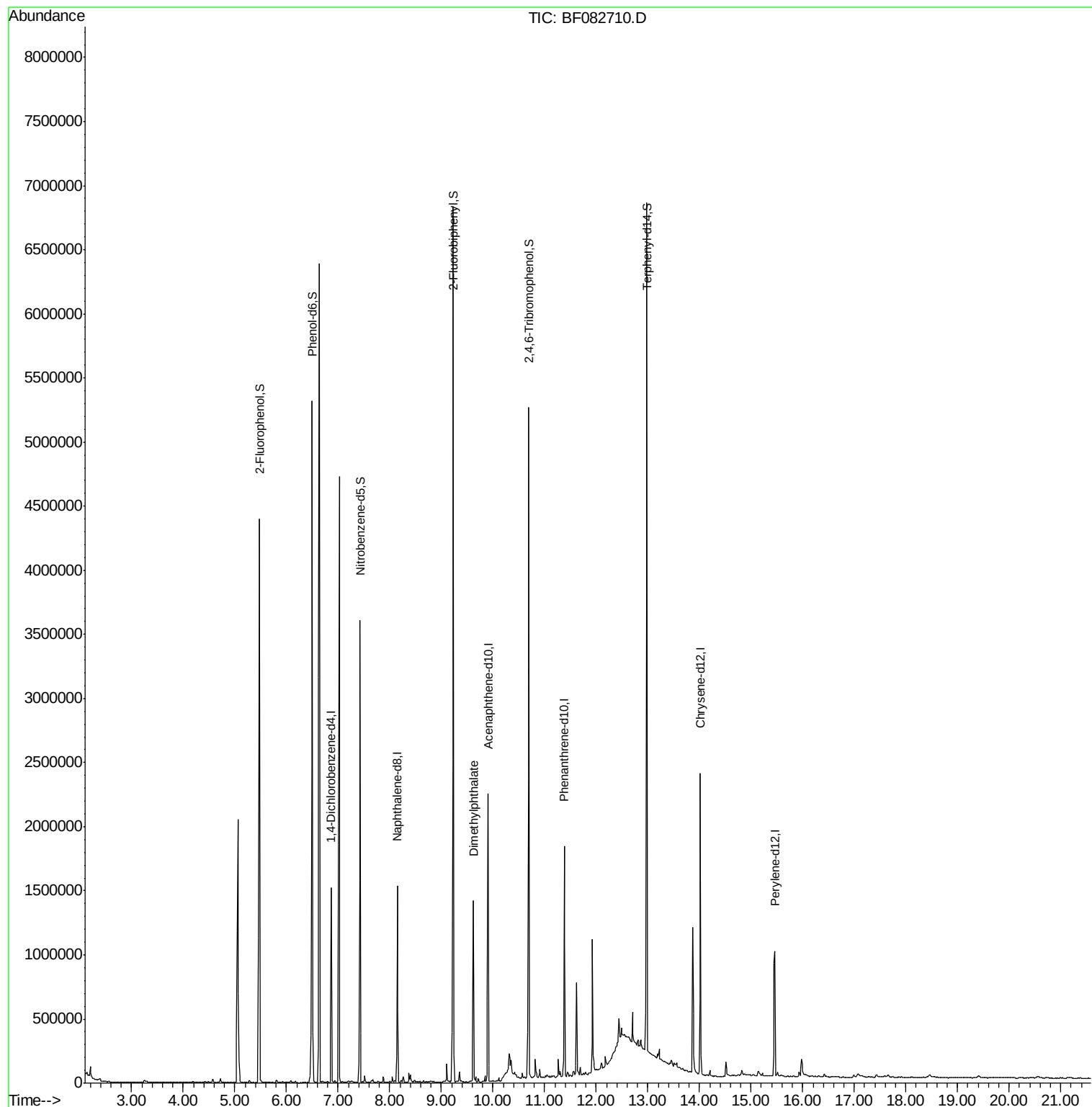
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	206352	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	734145	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	446367	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	803994	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	764054	20.00	ng	-0.03
86) Perylene-d12	15.46	264	567856	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1765263	128.84	ng	0.01
7) Phenol-d6	6.50	99	1929347	106.00	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1351125	75.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	613915	125.67	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2092360	66.55	ng	-0.02
78) Terphenyl-d14	12.98	244	2332290	66.80	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	494342	13.56	ng	99

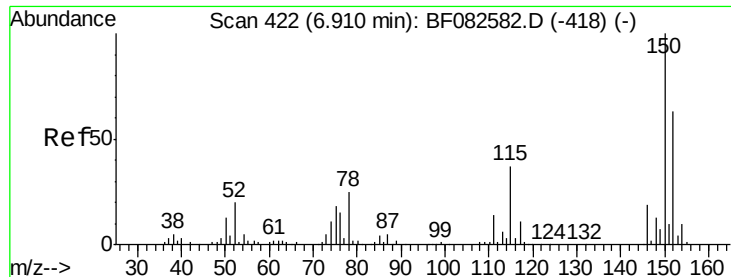
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

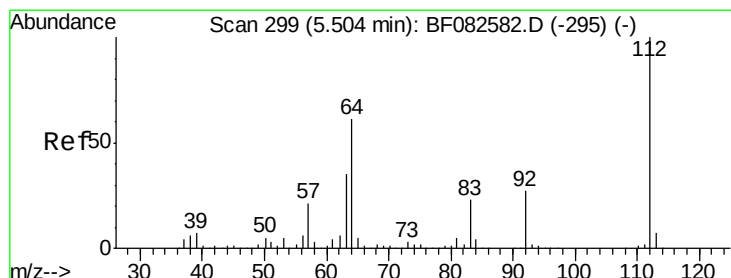
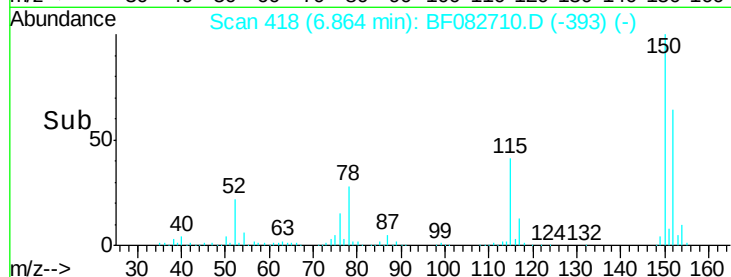
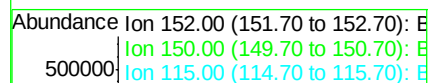
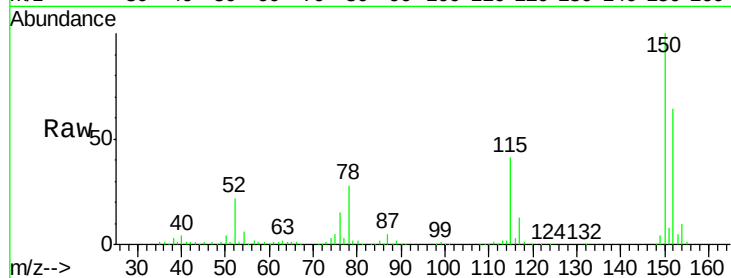
Tot Ion:152 Resp: 206352

Ion Ratio Lower Upper

152 100

150 156.9 127.0 190.4

115 63.8 47.0 70.6



#5

2-Fluorophenol

Concen: 128.84 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

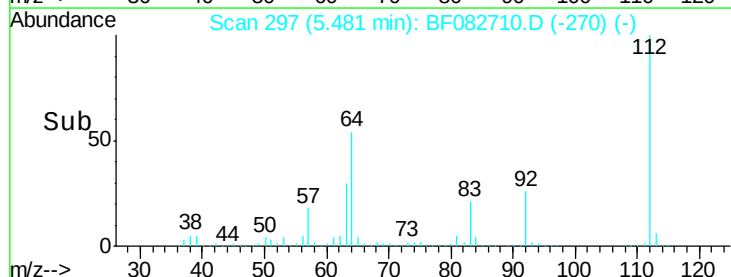
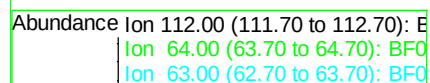
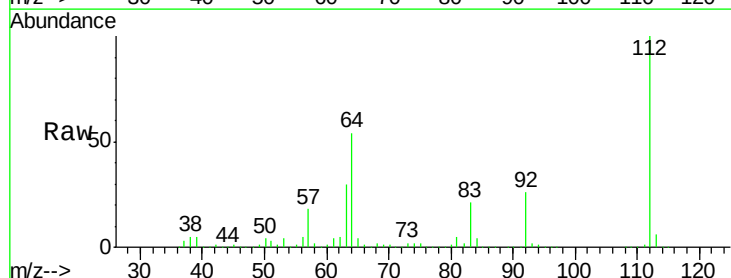
Tgt Ion:112 Resp: 1765263

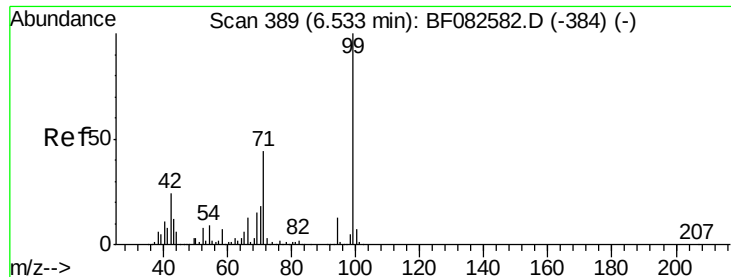
Ion Ratio Lower Upper

112 100

64 54.2 48.9 73.3

63 29.8 28.1 42.1





#7

Phenol-d6

Concen: 106.00 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

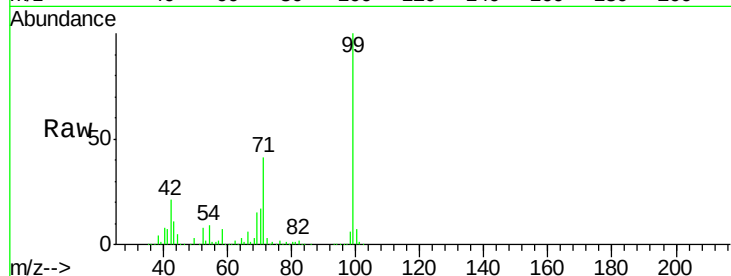
Tot Ion: 99 Resp: 1929347

Ion	Ratio	Lower	Upper
99	100		
42	21.3	19.2	28.8
71	41.5	35.0	52.4

99 100

42 21.3 19.2 28.8

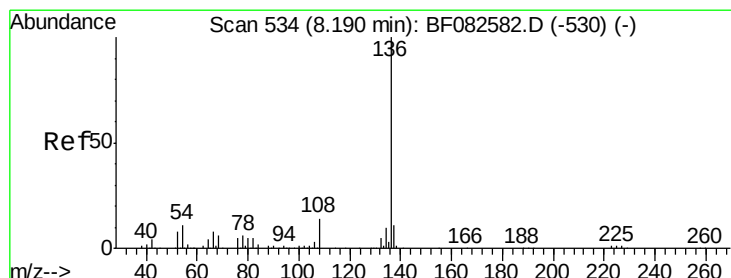
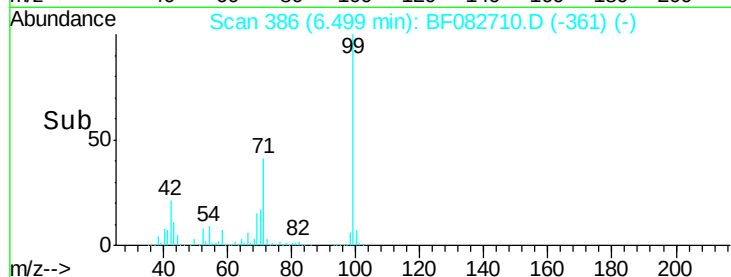
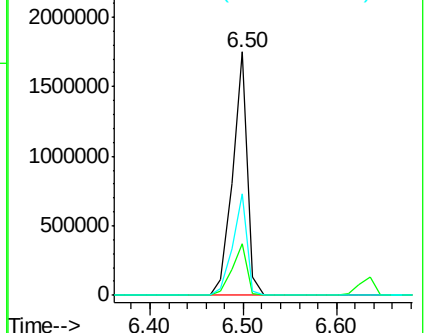
71 41.5 35.0 52.4



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: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Tgt Ion: 136 Resp: 734145

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.3	9.1	13.7
68	5.8	4.8	7.2

136 100

137 11.5 9.1 13.7

54 10.3 9.1 13.7

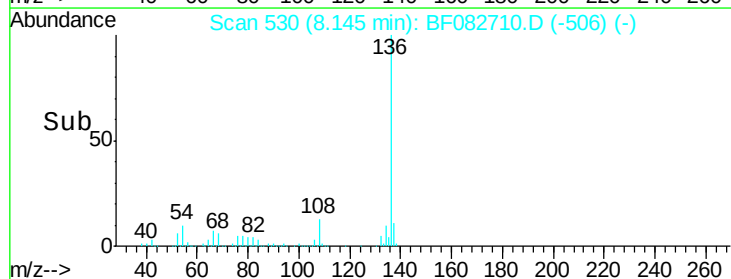
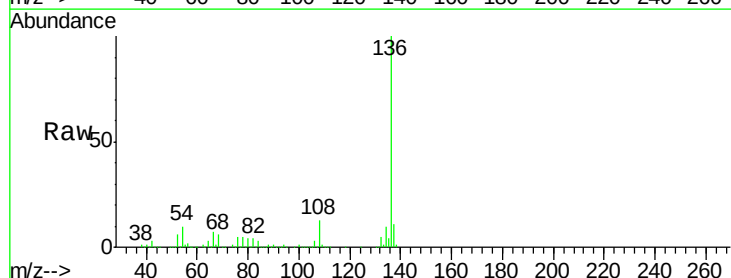
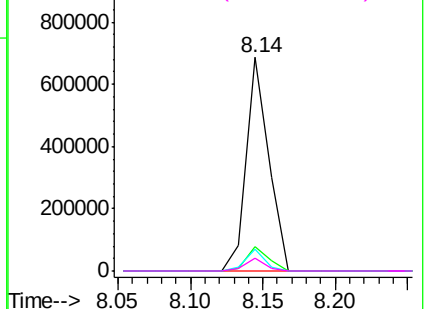
68 5.8 4.8 7.2

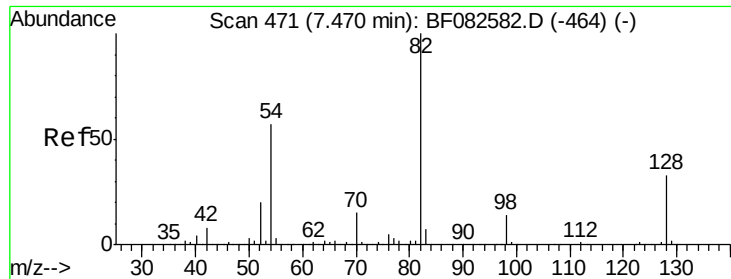
Abundance Ion 136.00 (135.70 to 136.70): E

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

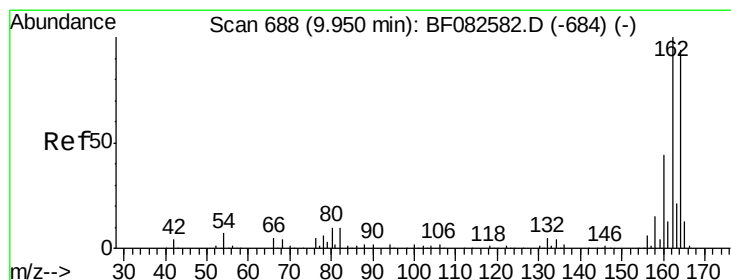
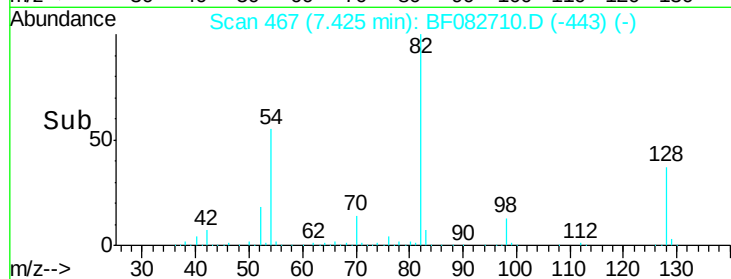
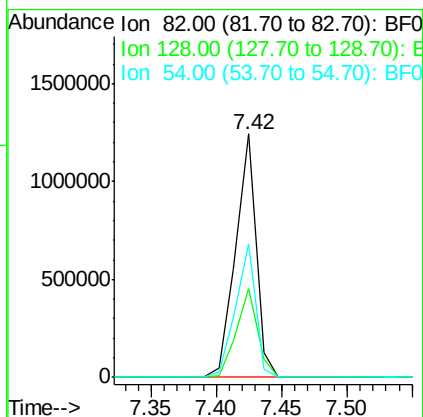
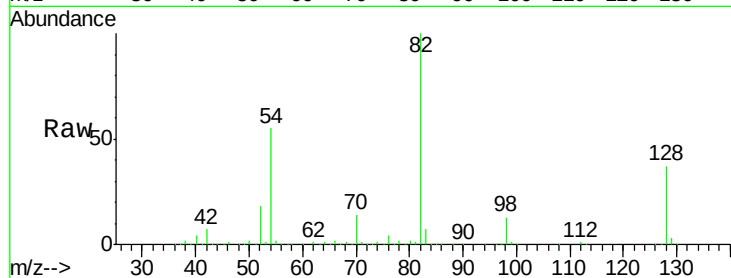




#23
 Nitrobenzene-d5
 Concen: 75.15 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082710.D
 Acq: 4 Nov 2015 19:42

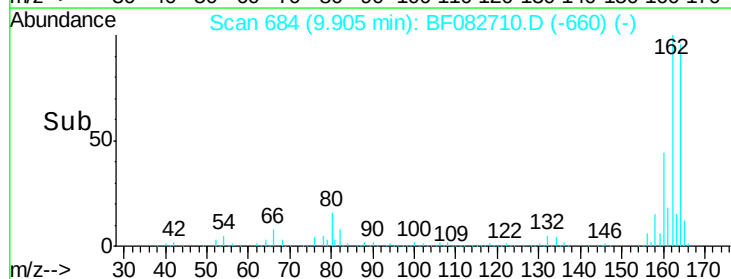
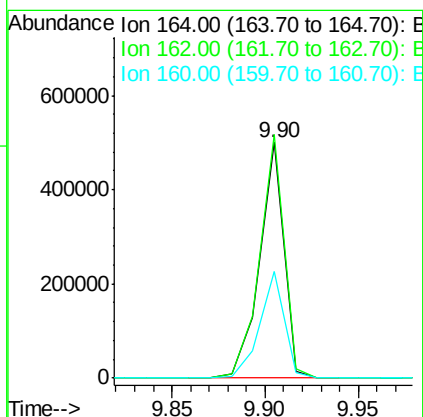
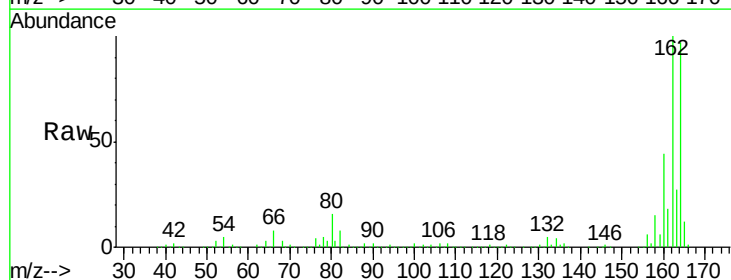
Instrument :
 BNA_F
 ClientSampleId :
 TP-16(4)

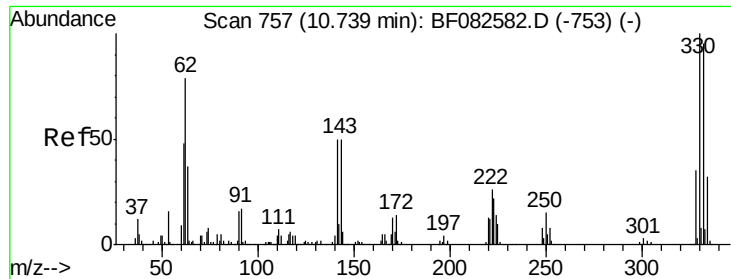
Tot Ion: 82 Resp: 1351125
 Ion Ratio Lower Upper
 82 100
 128 36.6 26.8 40.2
 54 54.7 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082710.D
 Acq: 4 Nov 2015 19:42

Tgt Ion:164 Resp: 446367
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.9 127.3
 160 45.4 37.5 56.3

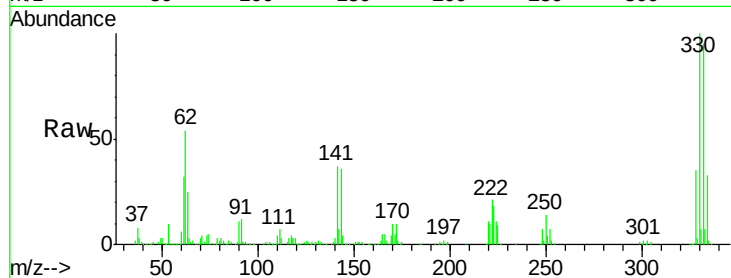




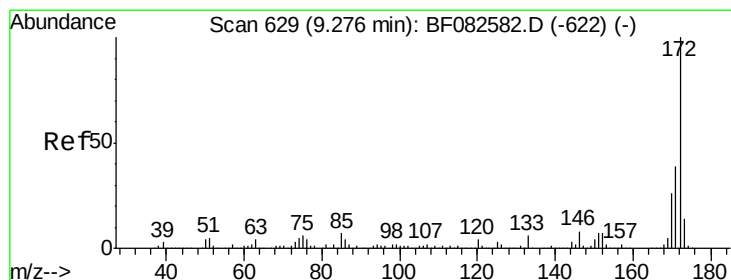
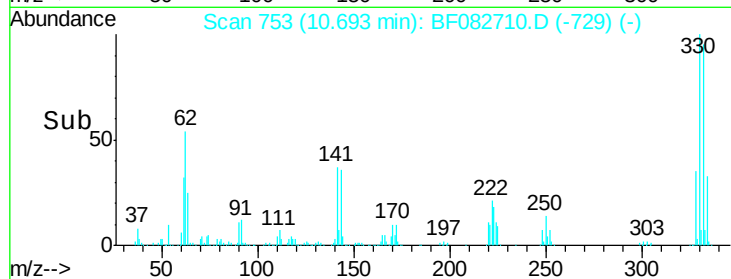
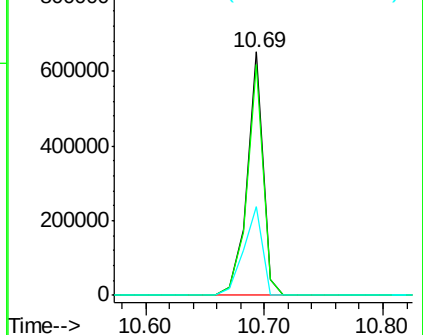
#41
 2,4,6-Tribromophenol
 Concen: 125.67 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082710.D
 Acq: 4 Nov 2015 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-16(4)

Tot Ion:330 Resp: 613915
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 42.7 41.2 61.8

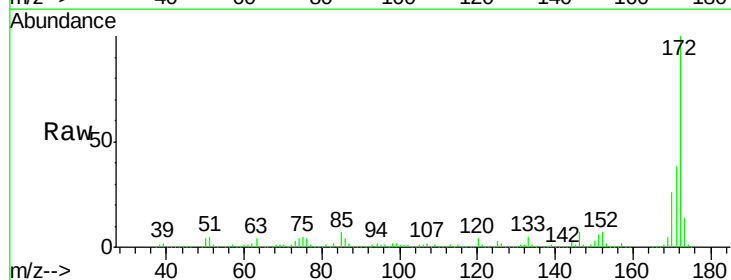


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

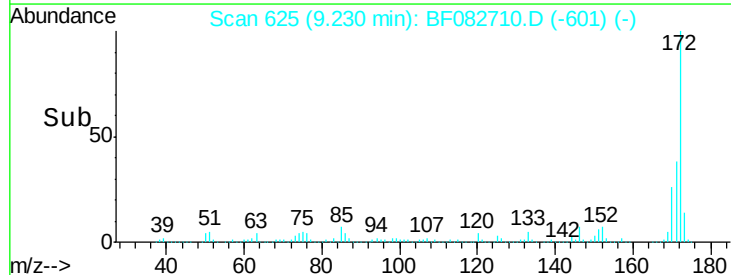
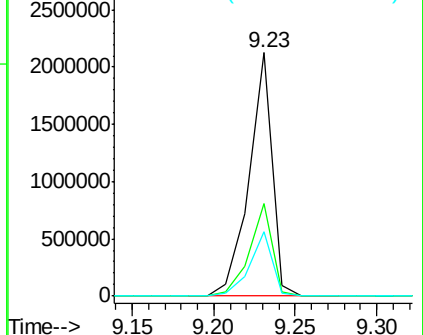


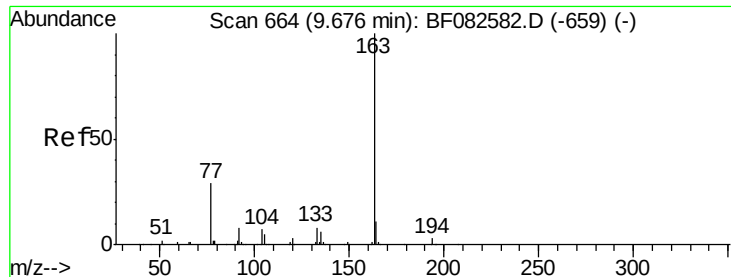
#44
 2-Fluorobiphenyl
 Concen: 66.55 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082710.D
 Acq: 4 Nov 2015 19:42

Tgt Ion:172 Resp: 2092360
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 26.2 21.2 31.8



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

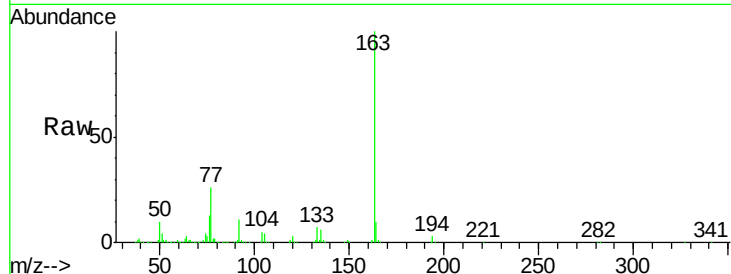




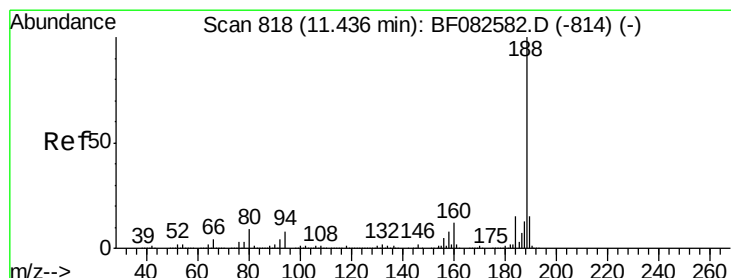
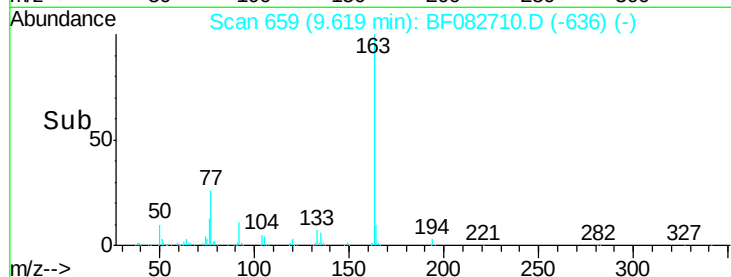
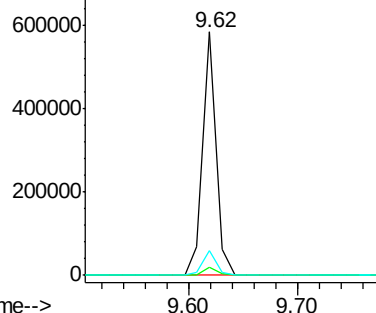
#49
Dimethylphthalate
Concen: 13.56 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082710.D
Acq: 4 Nov 2015 19:42

Instrument :
BNA_F
ClientSampleId :
TP-16(4)

Tot Ion:163 Resp: 494342
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.7 13.1

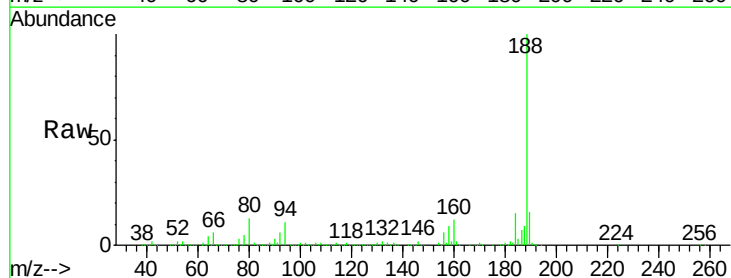


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

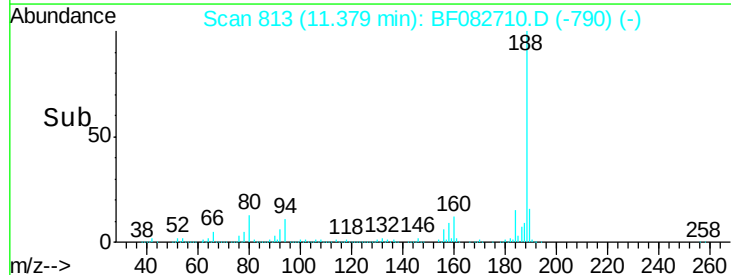
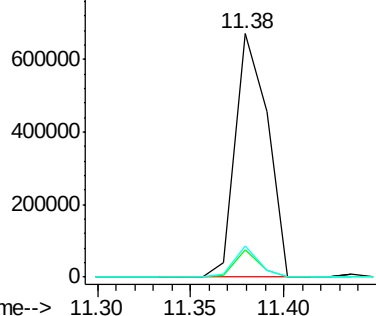


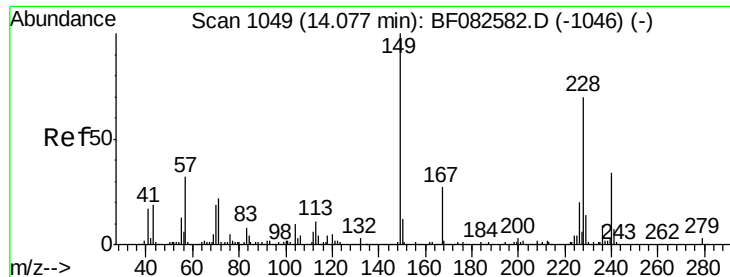
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082710.D
Acq: 4 Nov 2015 19:42

Tgt Ion:188 Resp: 803994
Ion Ratio Lower Upper
188 100
94 11.2 6.1 9.1#
80 13.0 7.0 10.6#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

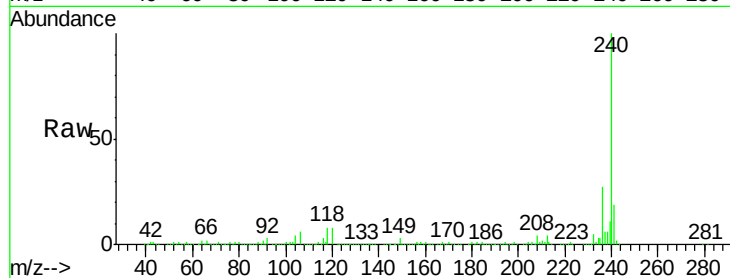
Tot Ion:240 Resp: 764054

Ion Ratio Lower Upper

240 100

120 8.4 10.9 16.3#

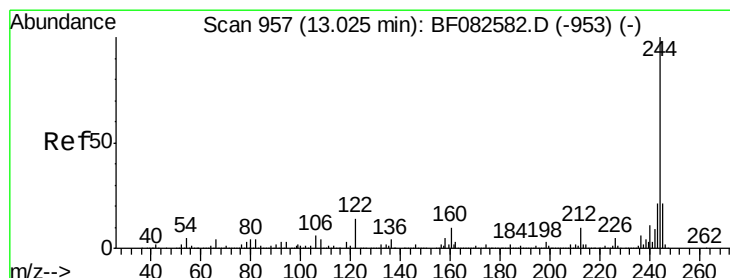
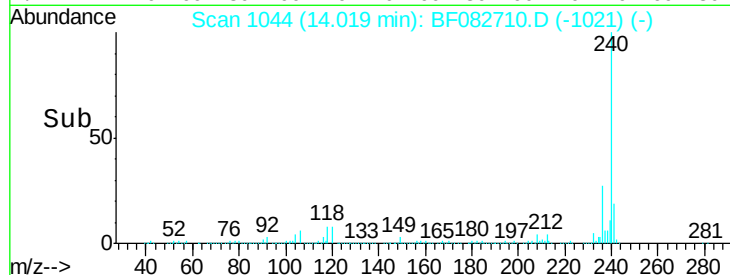
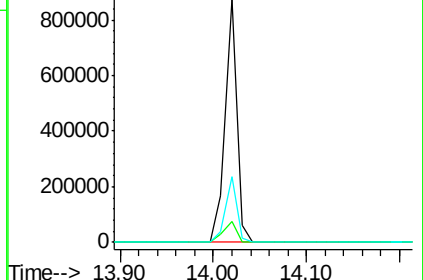
236 26.8 21.6 32.4



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: 66.80 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

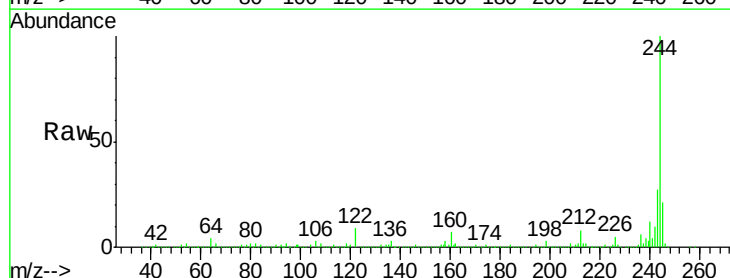
Tgt Ion:244 Resp: 2332290

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

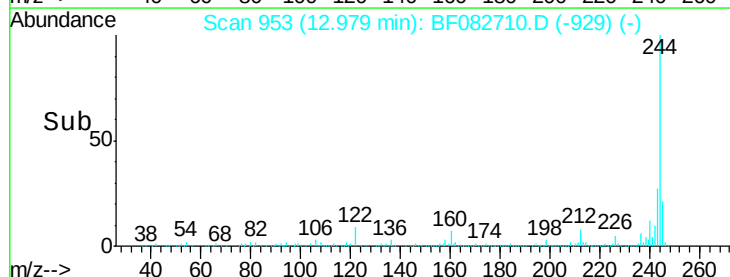
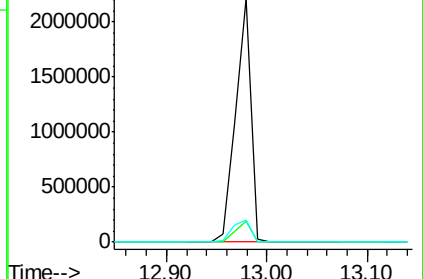
122 9.0 11.3 16.9#

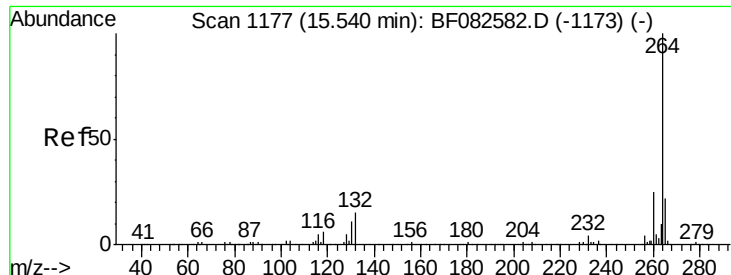


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082710.D
Acq: 4 Nov 2015 19:42

Instrument :
BNA_F
ClientSampleId :
TP-16(4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	22.1	17.4	26.0

