

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
 Data File : BF082104.D
 Acq On : 7 Oct 2015 14:59
 Operator : UM/IZ
 Sample : PB85943TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85943TB

Quant Time: Oct 08 03:39:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	80164	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	324599	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	161224	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	338157	20.00	ng	0.00
75) Chrysene-d12	14.05	240	316633	20.00	ng	-0.01
86) Perylene-d12	15.49	264	235706	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	555881	125.88	ng	0.01
7) Phenol-d6	6.50	99	648599	116.72	ng	0.00
23) Nitrobenzene-d5	7.44	82	424553	87.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	201459	123.38	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	850303	89.08	ng	-0.01
78) Terphenyl-d14	13.00	244	952307	103.11	ng	0.00

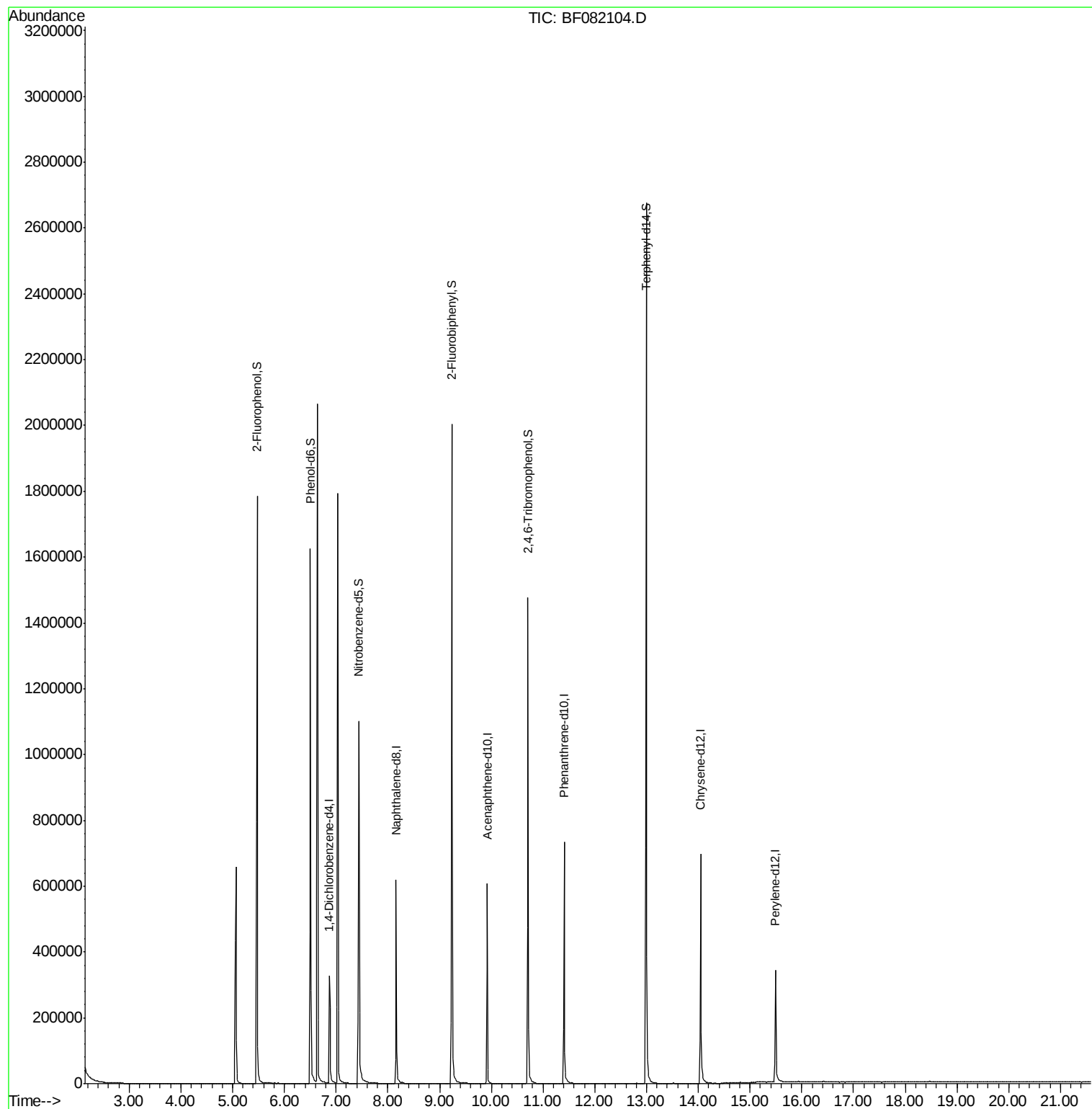
Target Compounds	Qvalue
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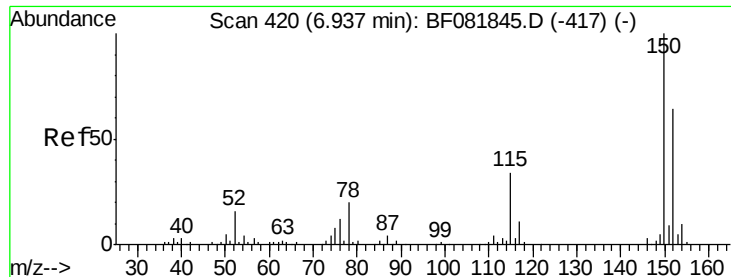
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Instrument :

BNA_F

ClientSampleId :

PB85943TB

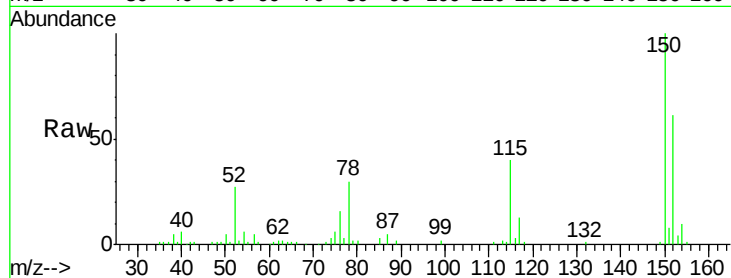
Tgt Ion:152 Resp: 80164

Ion Ratio Lower Upper

152 100

150 163.6 124.7 187.1

115 66.0 39.0 58.4#



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

600000

500000

400000

300000

200000

100000

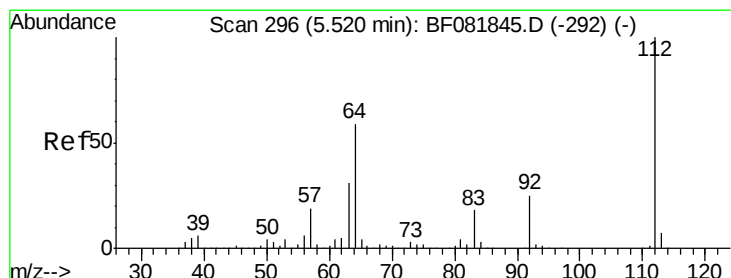
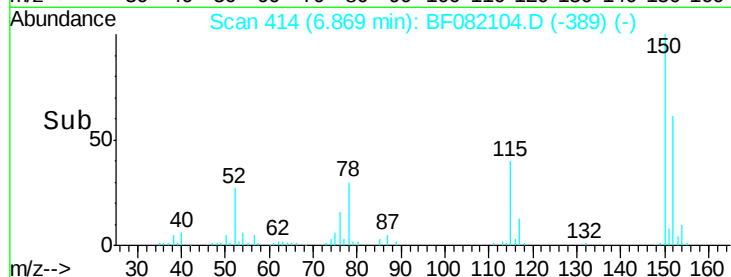
0

6.80

6.90

7.00

Time-->



#5

2-Fluorophenol

Concen: 125.88 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

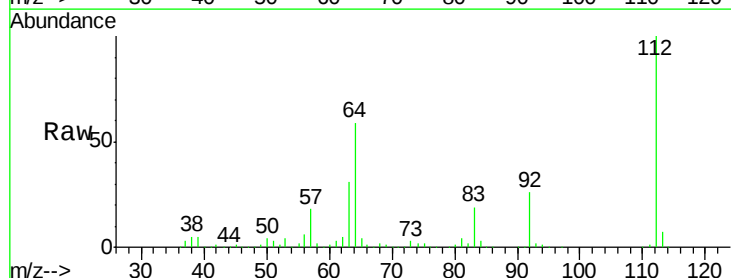
Tgt Ion:112 Resp: 555881

Ion Ratio Lower Upper

112 100

64 58.9 39.7 59.5

63 31.2 17.4 26.0#



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

600000

400000

200000

0

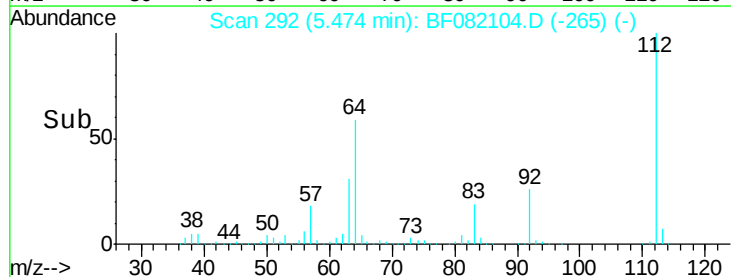
5.40

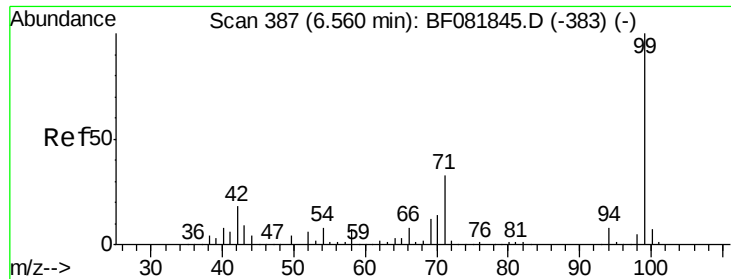
5.50

5.60

5.70

Time-->





#7

Phenol-d6

Concen: 116.72 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Instrument :

BNA_F

ClientSampleId :

PB85943TB

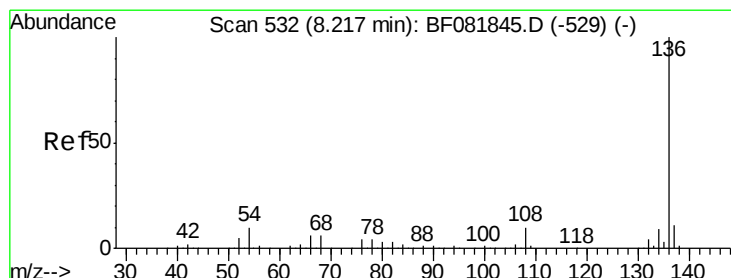
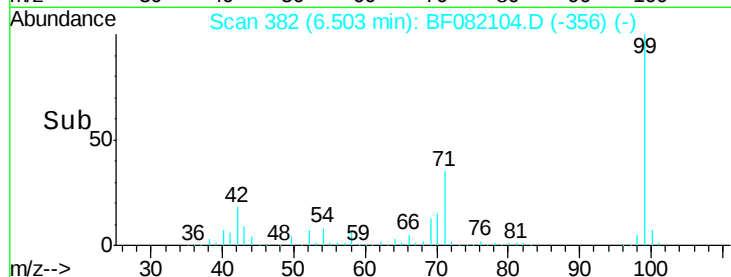
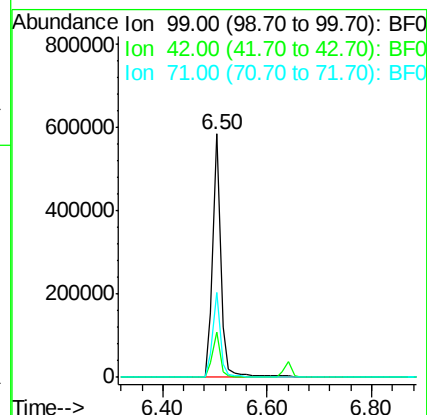
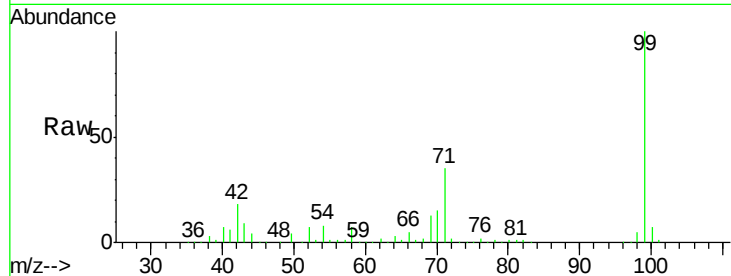
Tgt Ion: 99 Resp: 648599

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

71 35.0 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Tgt Ion: 136 Resp: 324599

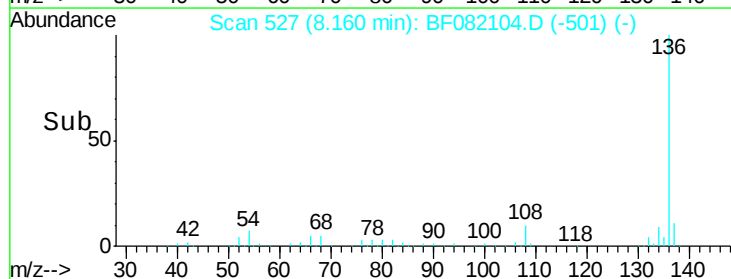
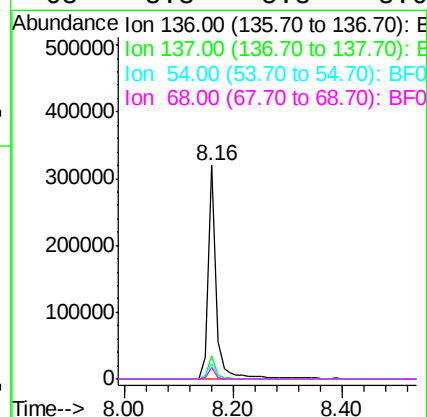
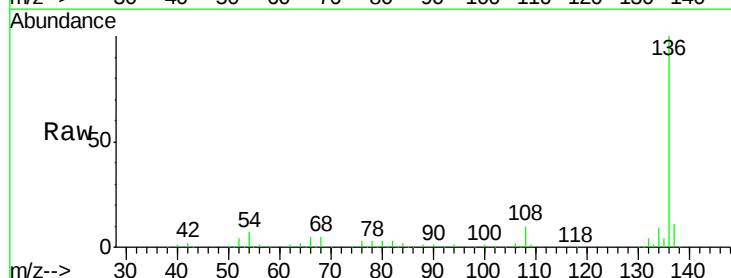
Ion Ratio Lower Upper

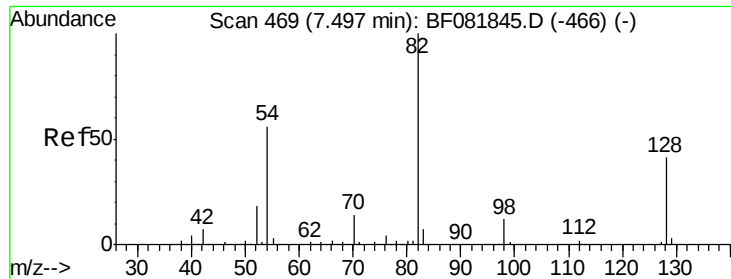
136 100

137 11.1 9.0 13.6

54 7.4 8.2 12.2#

68 5.3 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 87.19 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

Instrument :

BNA_F

ClientSampleId :

PB85943TB

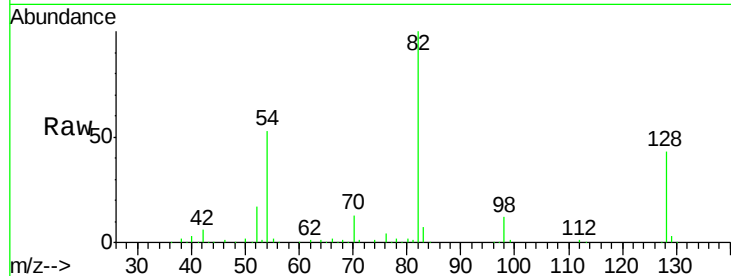
Tgt Ion: 82 Resp: 424553

Ion Ratio Lower Upper

82 100

128 42.8 51.0 76.6#

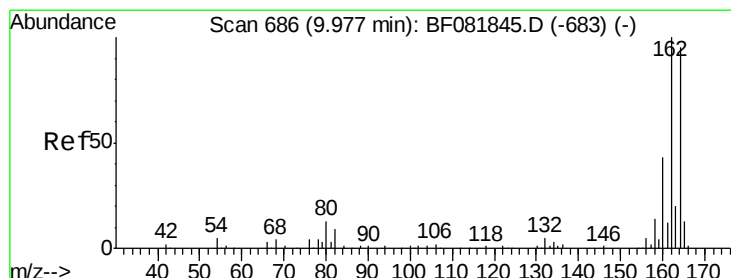
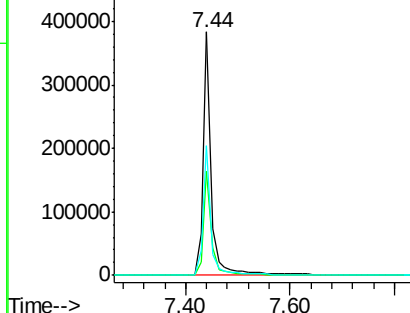
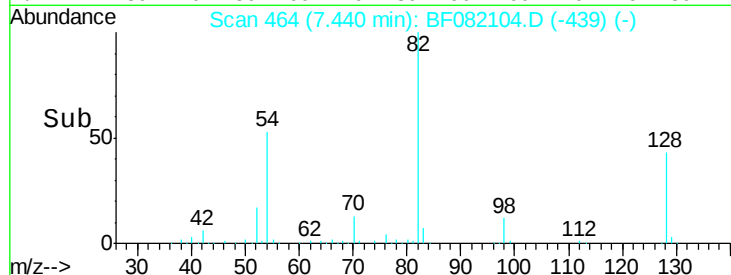
54 53.1 47.5 71.3



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: 9.92 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082104.D

Acq: 7 Oct 2015 14:59

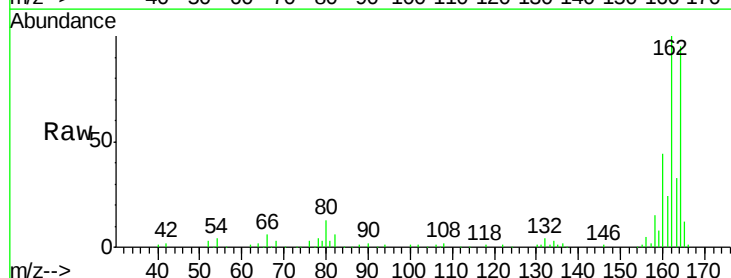
Tgt Ion: 164 Resp: 161224

Ion Ratio Lower Upper

164 100

162 105.4 75.2 112.8

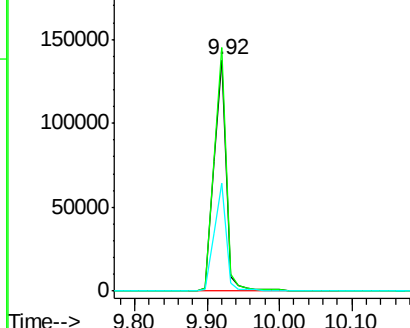
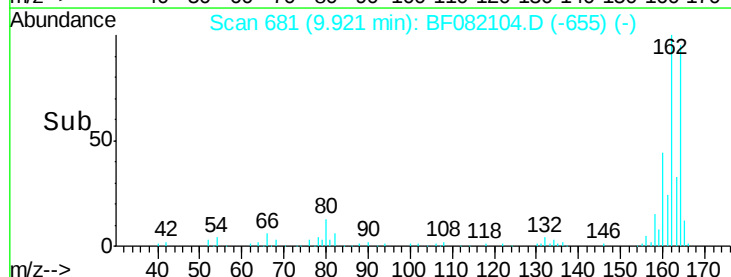
160 46.6 31.5 47.3



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

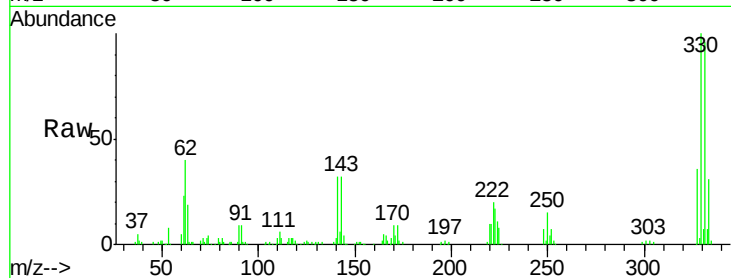




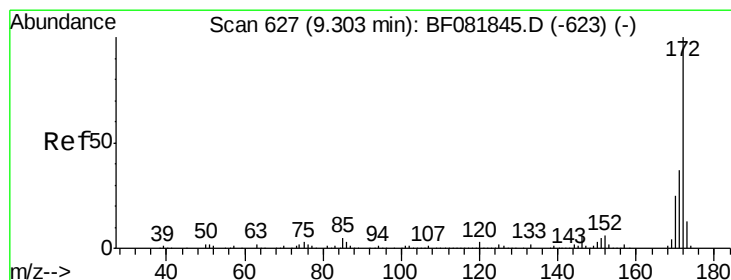
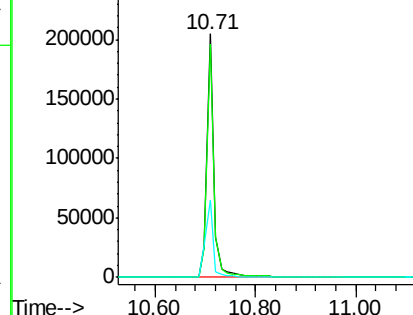
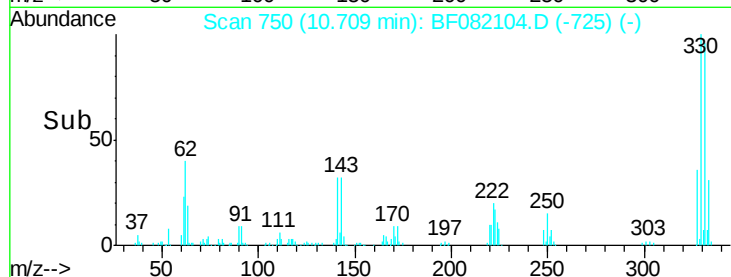
#41
 2,4,6-Tribromophenol
 Concen: 123.38 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Instrument :
 BNA_F
 ClientSampled :
 PB85943TB

Tgt Ion:330 Resp: 201459
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 35.3 29.7 44.5

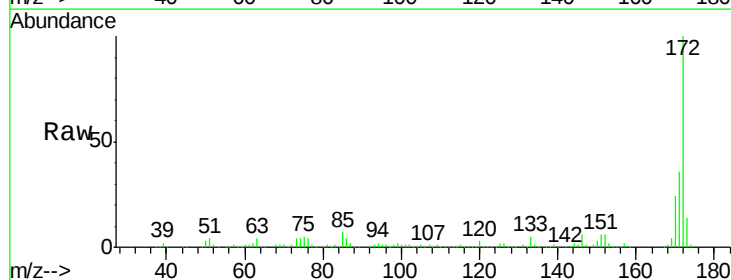


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

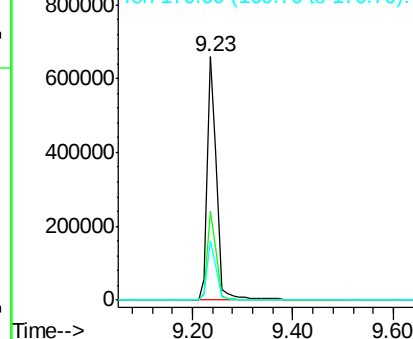
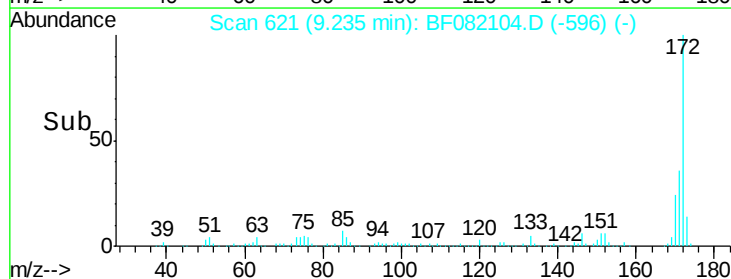


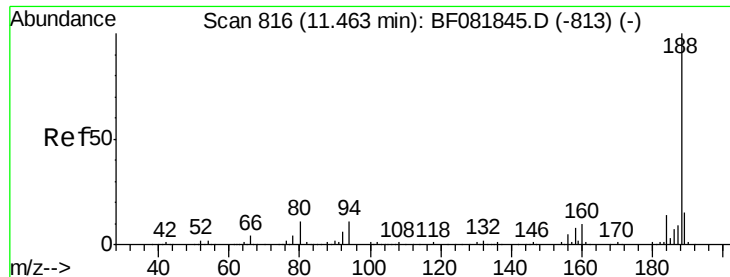
#44
 2-Fluorobiphenyl
 Concen: 89.08 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Tgt Ion:172 Resp: 850303
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.2 17.4 26.2



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

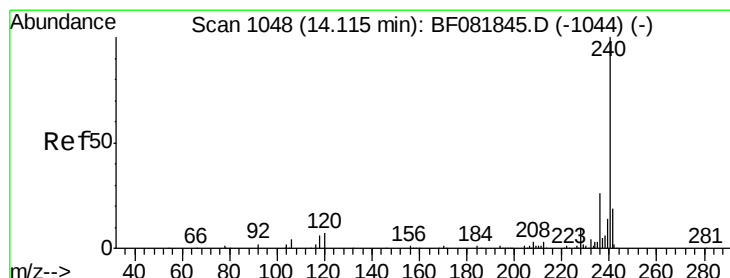
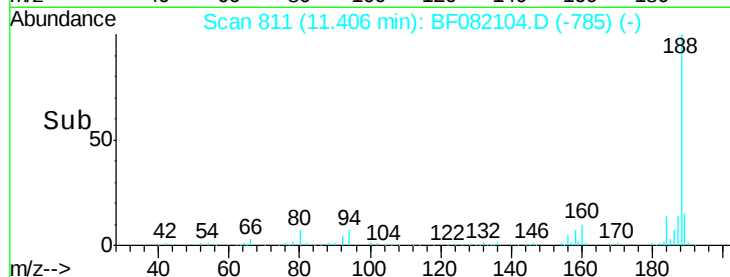
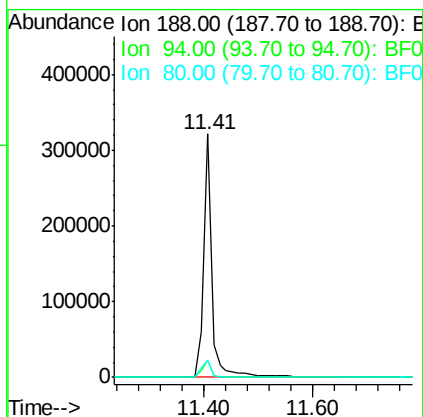
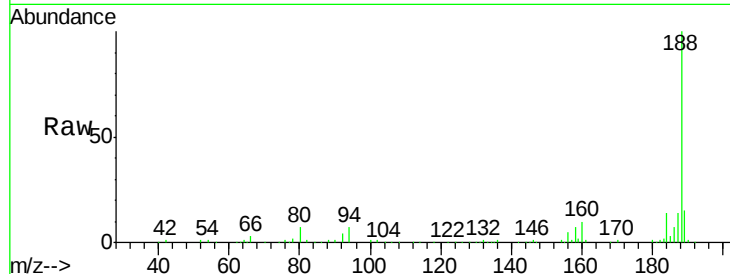




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF082104.D
Acq: 7 Oct 2015 14:59

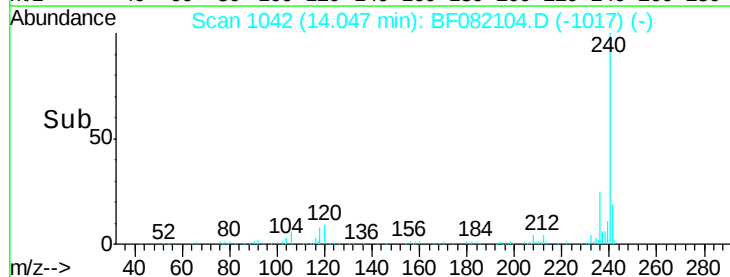
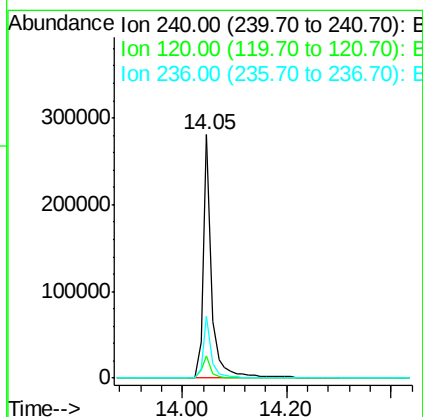
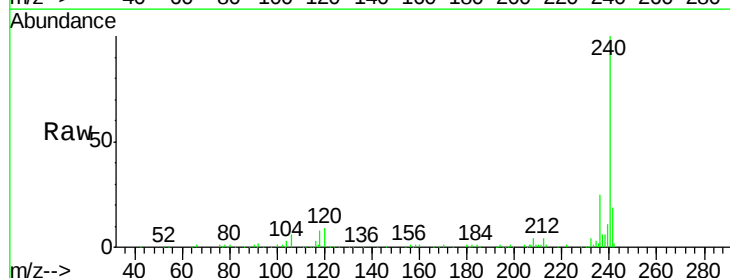
Instrument :
BNA_F
ClientSampleId :
PB85943TB

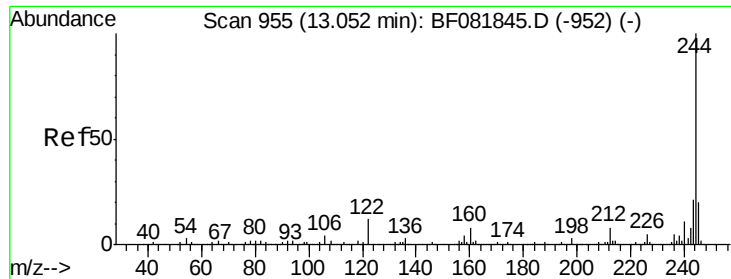
Tgt Ion:188 Resp: 338157
Ion Ratio Lower Upper
188 100
94 7.1 11.1 16.7#
80 7.2 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082104.D
Acq: 7 Oct 2015 14:59

Tgt Ion:240 Resp: 316633
Ion Ratio Lower Upper
240 100
120 9.1 16.2 24.2#
236 25.2 18.4 27.6

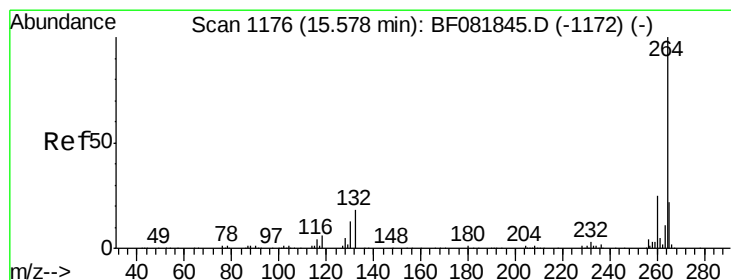
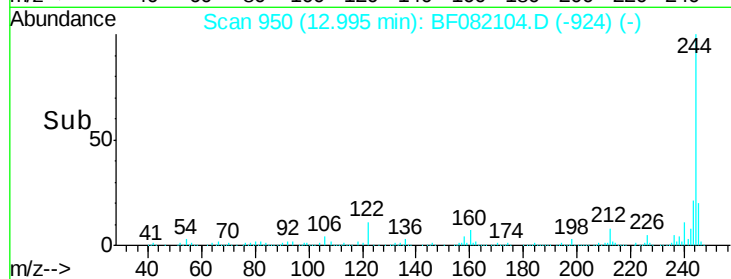
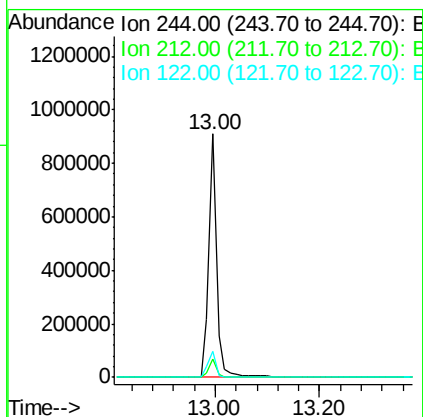
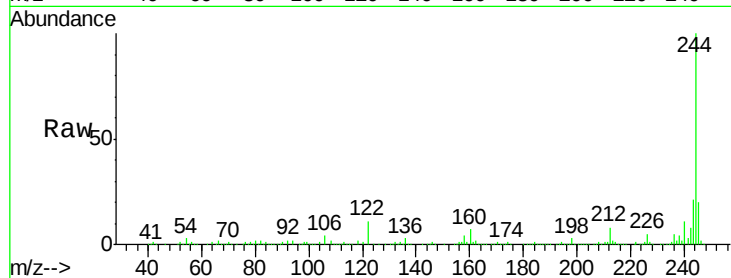




#78
 Terphenyl-d14
 Concen: 103.11 ng
 RT: 13.00 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB85943TB

Tgt Ion:244 Resp: 952307
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 10.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF082104.D
 Acq: 7 Oct 2015 14:59

Tgt Ion:264 Resp: 235706
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.5 17.2 25.8

