

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086246.D
 Acq On : 16 Apr 2016 6:04
 Operator : UM/SJ
 Sample : PB89866BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BL

Quant Time: Apr 18 04:36:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	276434	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1168346	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	493694	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	892006	20.00	ng	0.00
75) Chrysene-d12	14.04	240	532164	20.00	ng	-0.01
86) Perylene-d12	15.48	264	439128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1692910	100.34	ng	0.01
7) Phenol-d6	6.52	99	2158743	102.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	1559506	76.99	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	405166	102.20	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2093468	78.25	ng	-0.01
78) Terphenyl-d14	13.00	244	1605438	75.86	ng	0.00

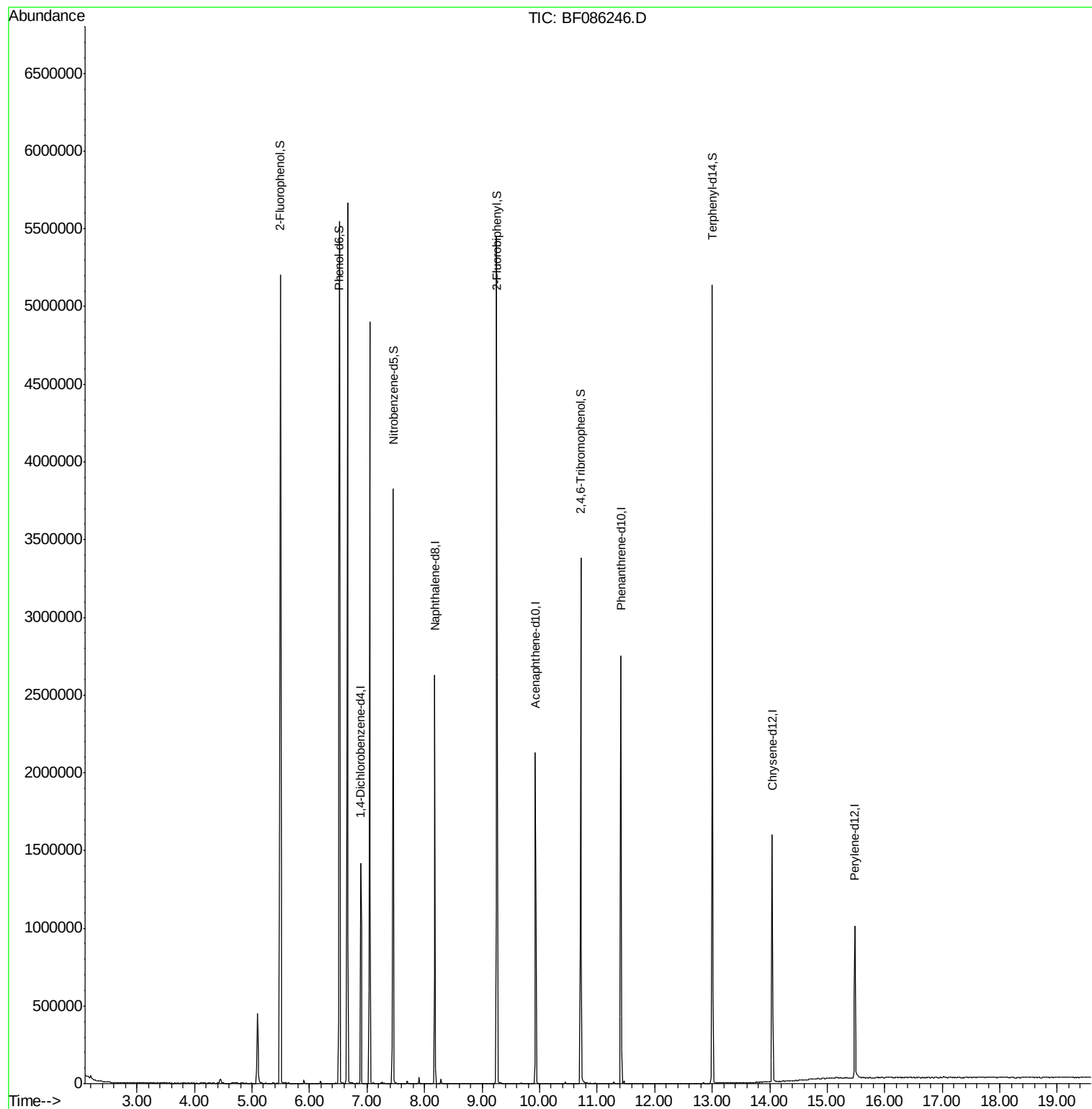
Target Compounds Qvalue

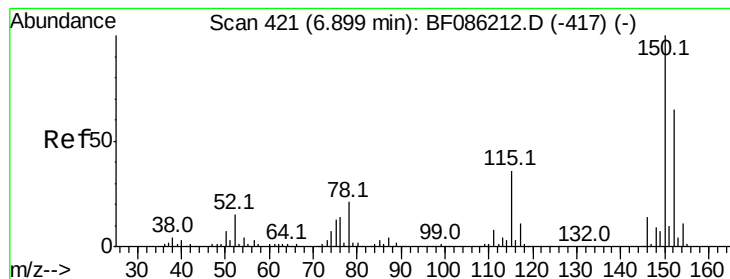
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Instrument :

BNA_F

ClientSampleId :

PB89866BL

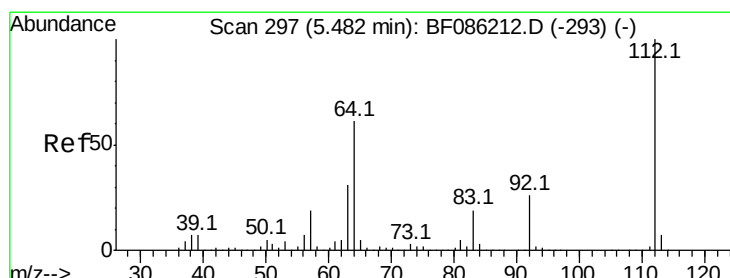
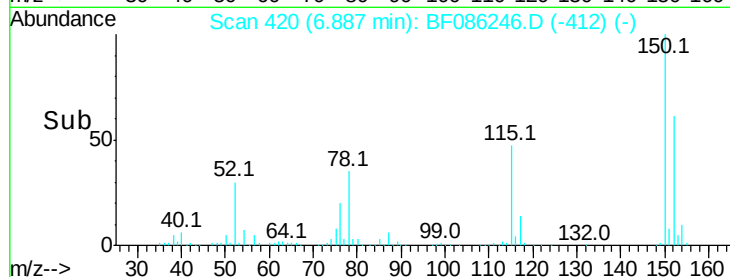
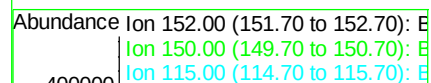
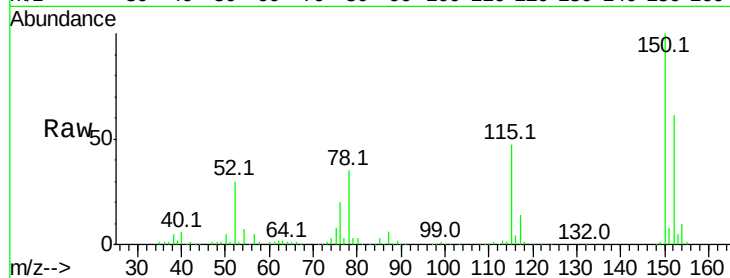
Tot Ion:152 Resp: 276434

Ion Ratio Lower Upper

152 100

150 163.5 124.1 186.1

115 76.9 43.9 65.9#



#5

2-Fluorophenol

Concen: 100.34 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

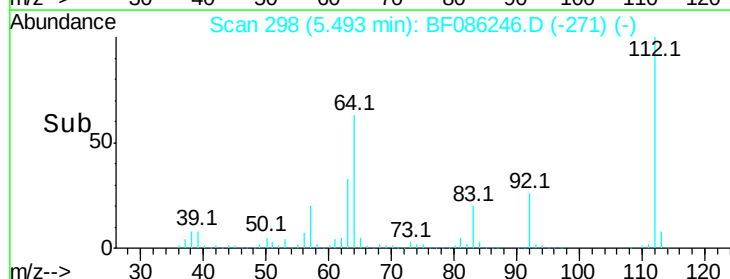
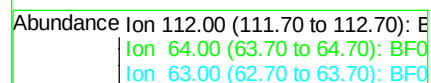
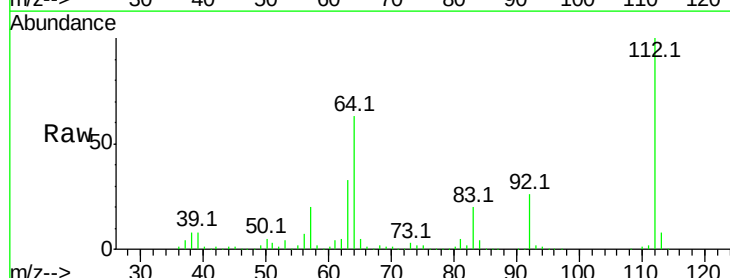
Tgt Ion:112 Resp: 1692910

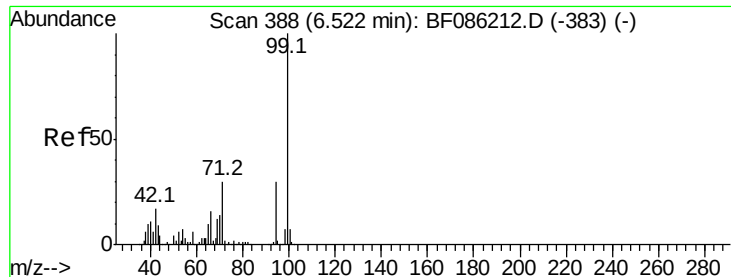
Ion Ratio Lower Upper

112 100

64 63.3 48.1 72.1

63 33.1 25.5 38.3





#7

Phenol-d6

Concen: 102.29 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Instrument :

BNA_F

ClientSampleId :

PB89866BL

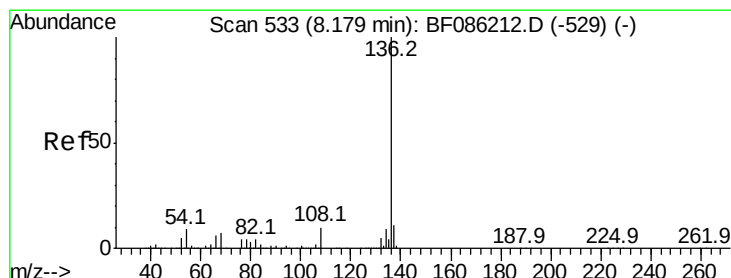
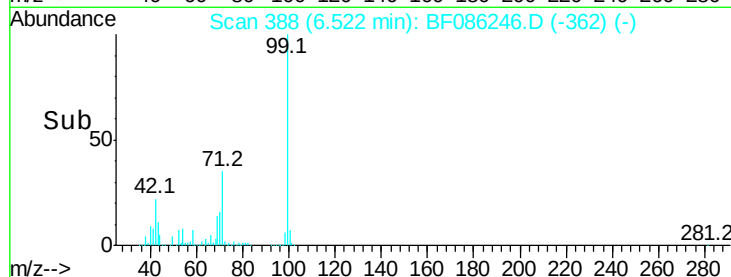
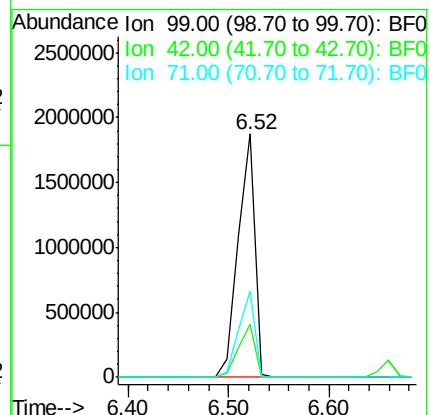
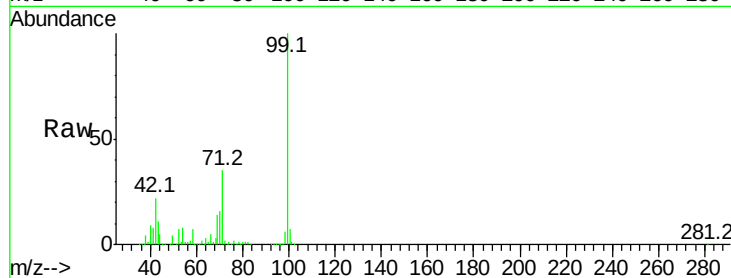
Tot Ion: 99 Resp: 2158743

Ion Ratio Lower Upper

99 100

42 22.0 15.4 23.2

71 35.2 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Tgt Ion: 136 Resp: 1168346

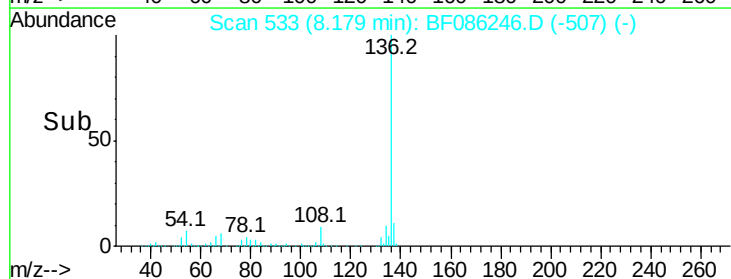
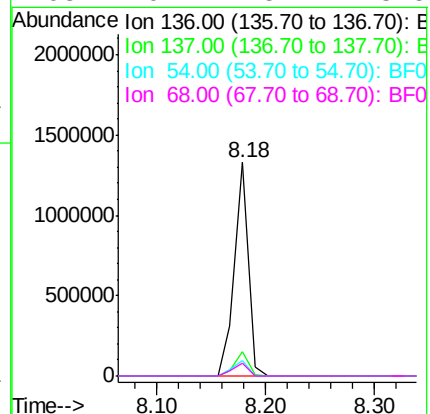
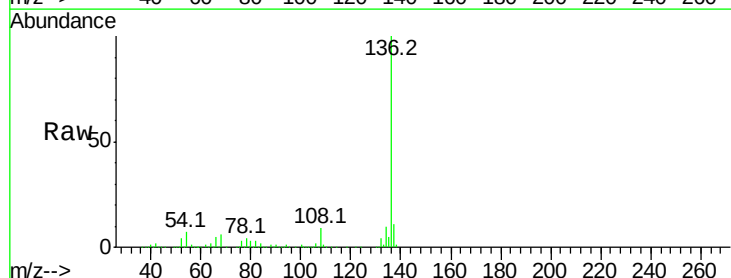
Ion Ratio Lower Upper

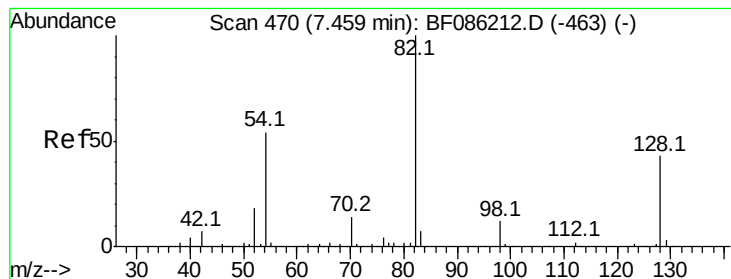
136 100

137 11.1 9.1 13.7

54 7.3 7.3 10.9

68 6.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 76.99 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

Instrument :

BNA_F

ClientSampleID :

PB89866BL

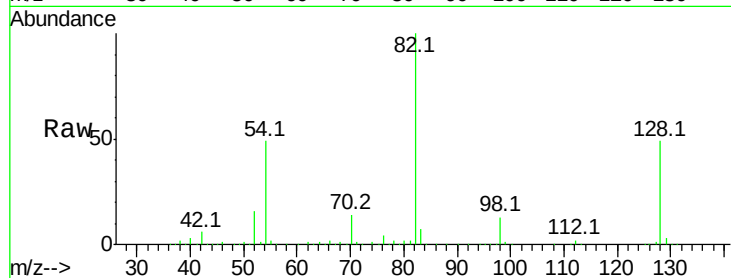
Tot Ion: 82 Resp: 1559506

Ion Ratio Lower Upper

82 100

128 48.7 35.4 53.2

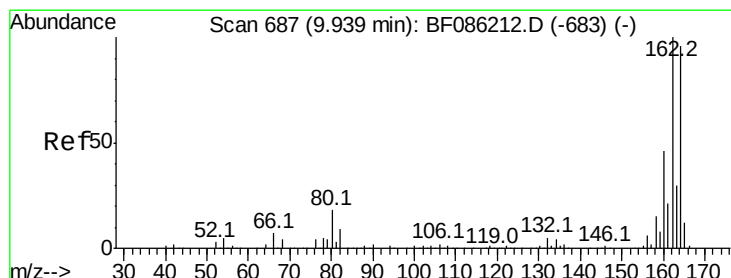
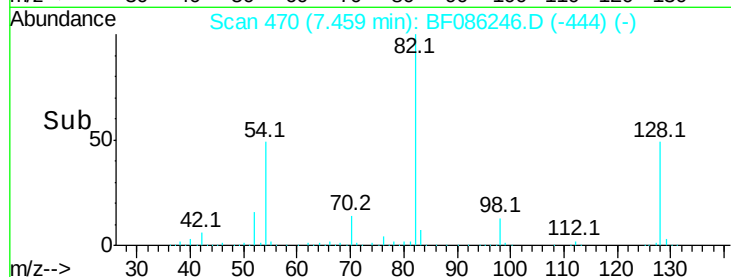
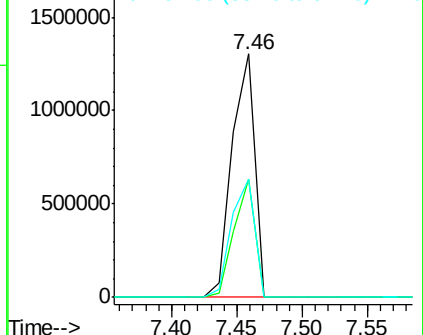
54 48.7 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086246.D

Acq: 16 Apr 2016 6:04

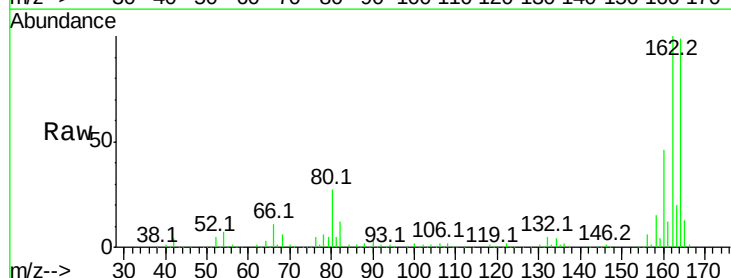
Tgt Ion: 164 Resp: 493694

Ion Ratio Lower Upper

164 100

162 101.0 82.8 124.2

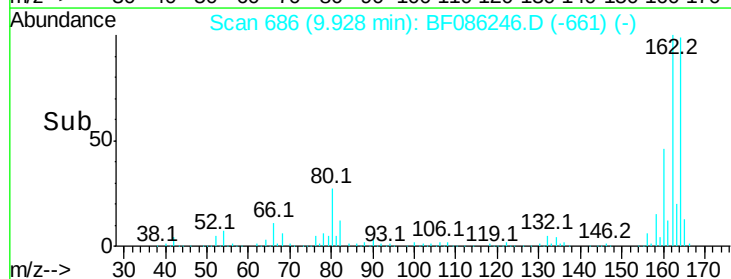
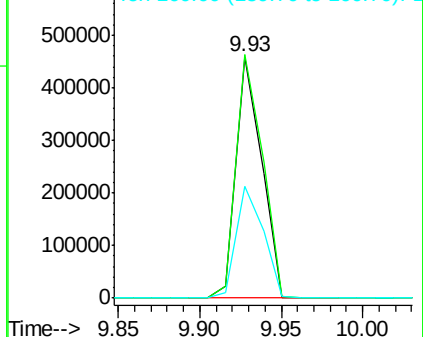
160 46.1 38.9 58.3

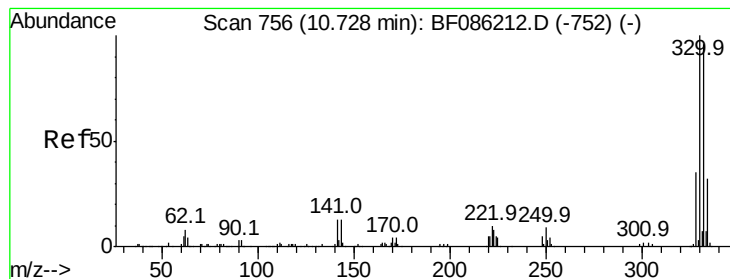


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

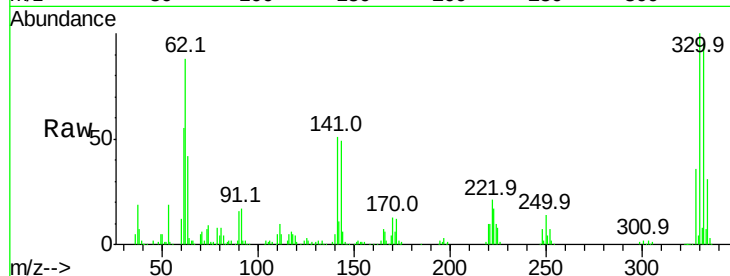




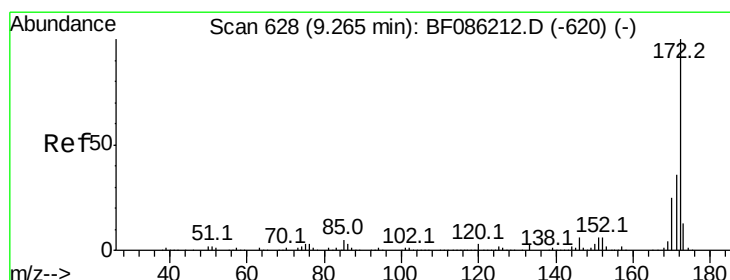
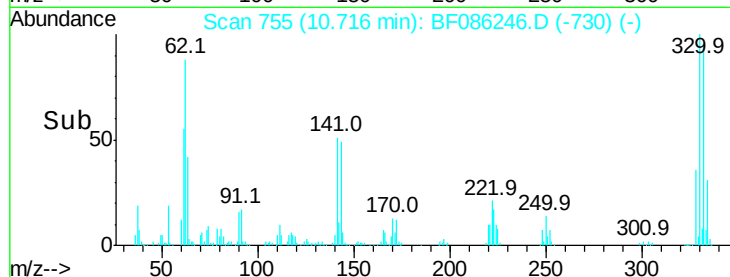
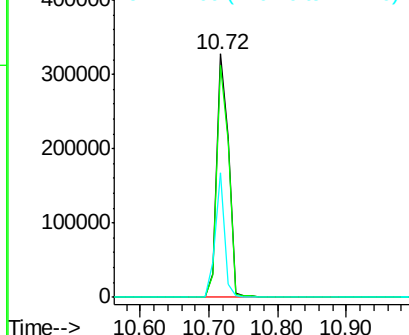
#41
 2,4,6-Tribromophenol
 Concen: 102.20 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.7	118.1
141	40.2	28.6	42.8

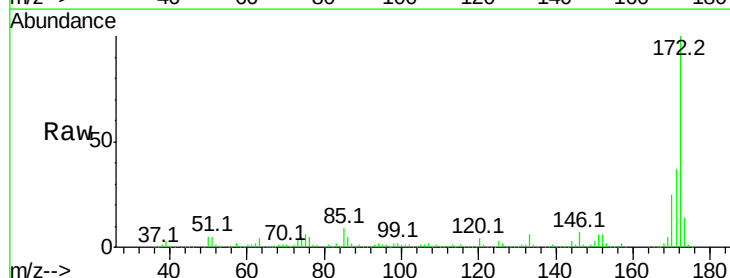


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

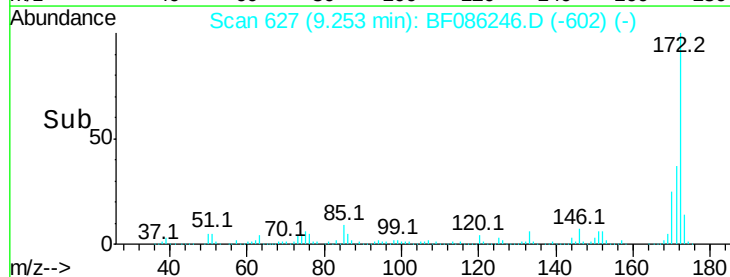
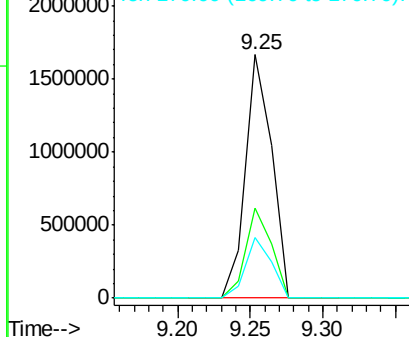


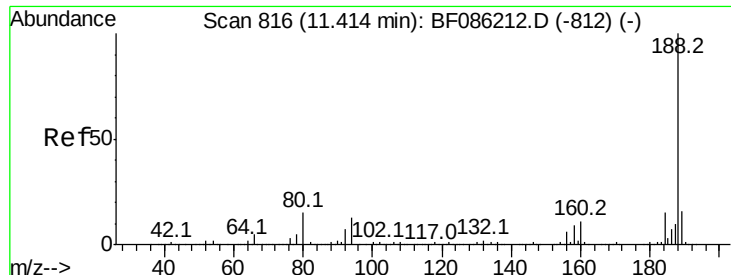
#44
 2-Fluorobiphenyl
 Concen: 78.25 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	24.9	19.9	29.9



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

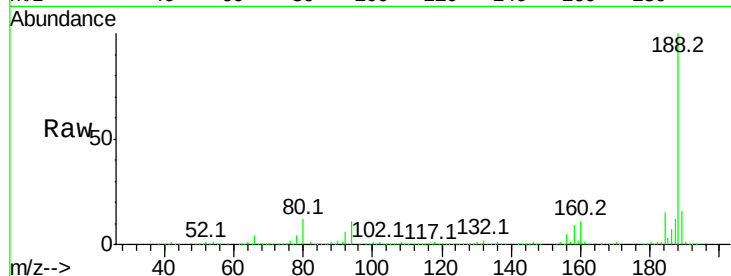




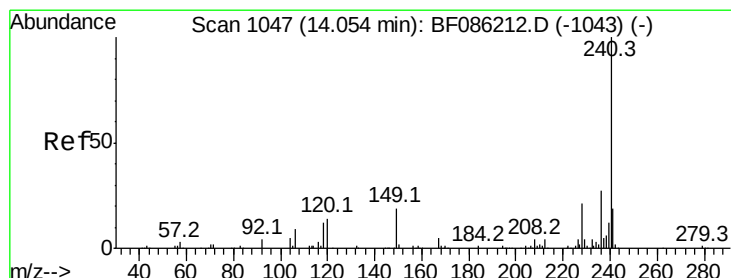
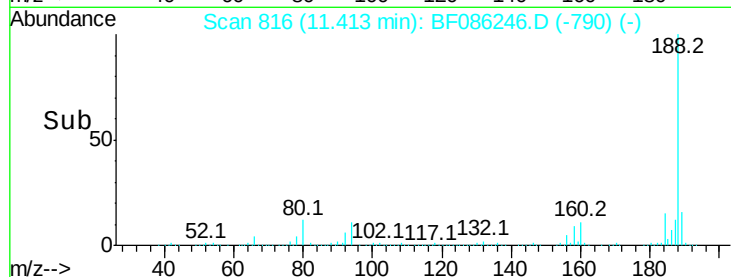
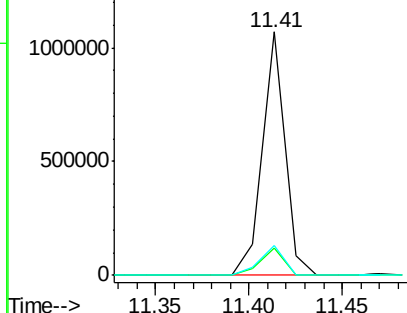
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086246.D
Acq: 16 Apr 2016 6:04

Instrument :
BNA_F
ClientSampleId :
PB89866BL

Tot Ion:188 Resp: 892006
Ion Ratio Lower Upper
188 100
94 11.1 9.8 14.8
80 12.1 10.5 15.7

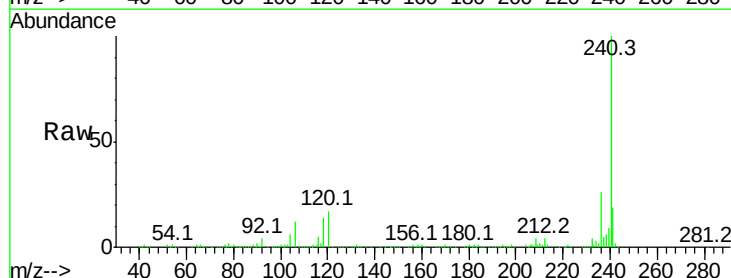


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

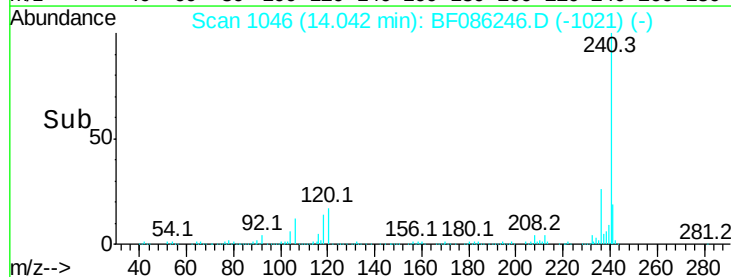
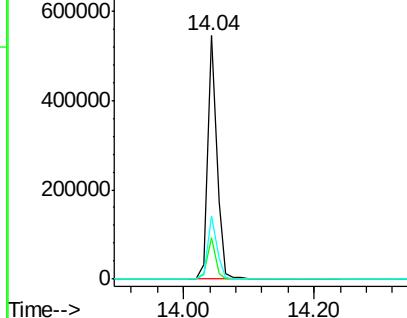


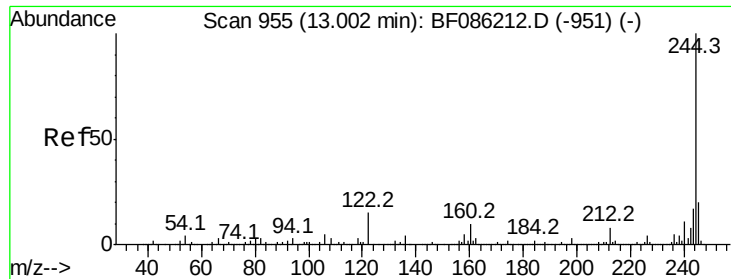
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086246.D
Acq: 16 Apr 2016 6:04

Tgt Ion:240 Resp: 532164
Ion Ratio Lower Upper
240 100
120 16.9 9.3 13.9#
236 26.2 21.1 31.7



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

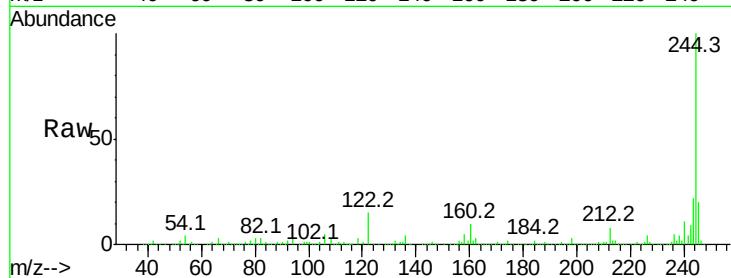




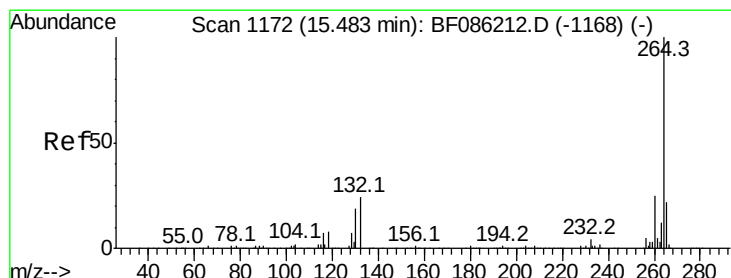
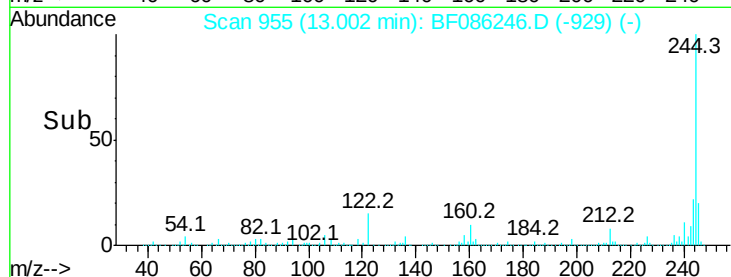
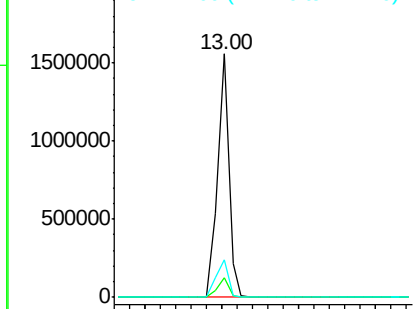
#78
 Terphenyl-d14
 Concen: 75.86 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Instrument :
 BNA_F
 ClientSampleId :
 PB89866BL

Tot Ion:244 Resp: 1605438
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.4 11.7 17.5

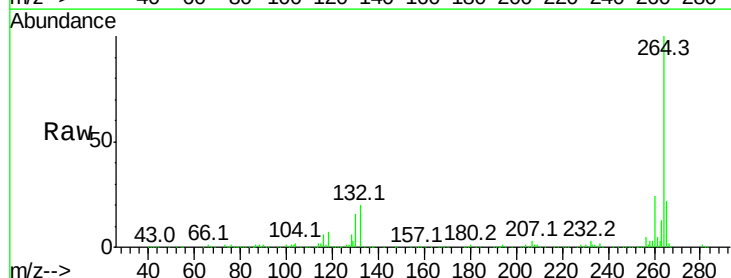


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086246.D
 Acq: 16 Apr 2016 6:04

Tgt Ion:264 Resp: 439128
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

