

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088608.D
 Acq On : 2 Jul 2016 7:56
 Operator : UM/SJ
 Sample : H3831-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Quant Time: Jul 04 07:37:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

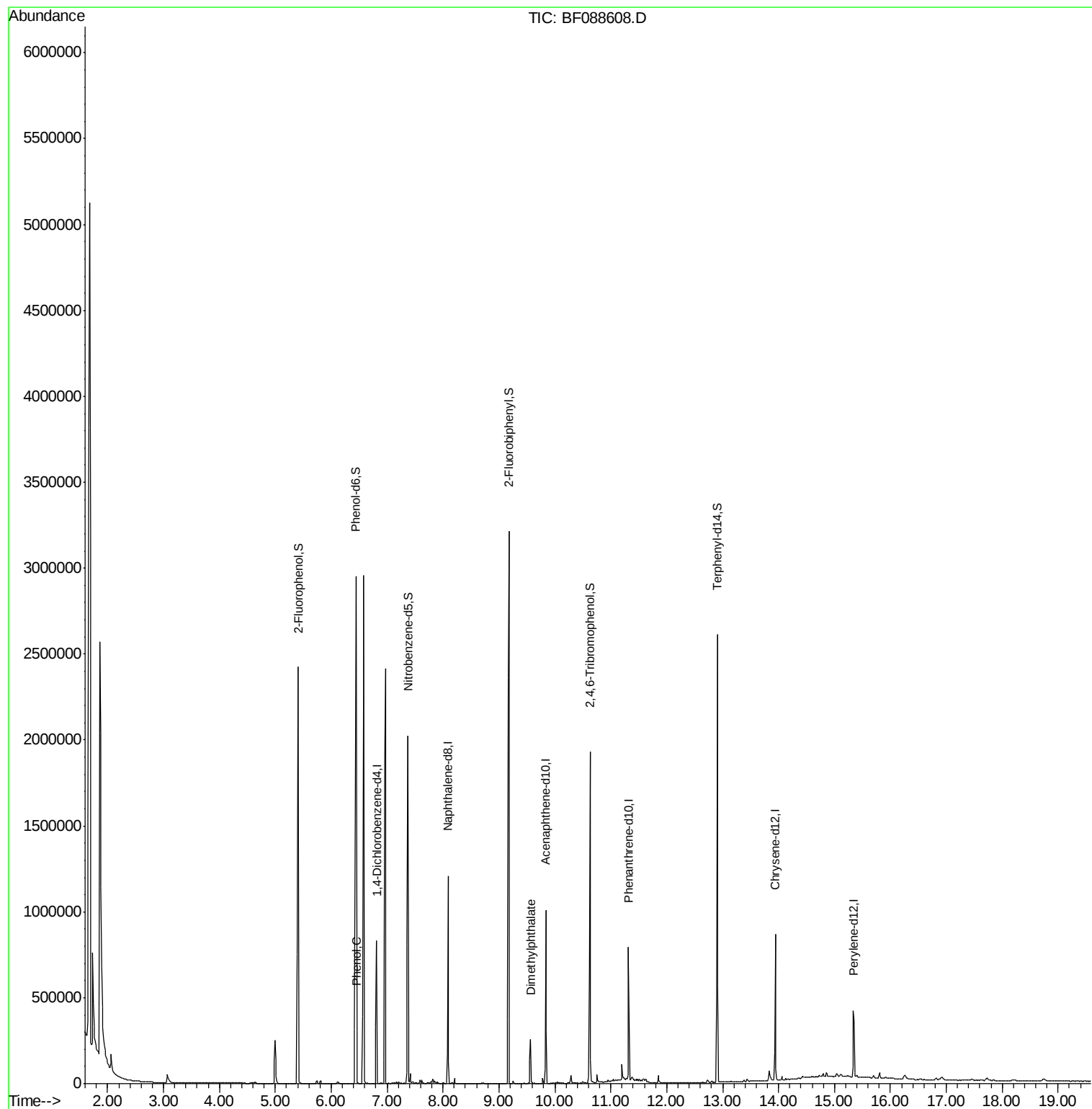
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131560	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	486390	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	194342	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	310661	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	253863	20.00	ng	-0.01
86) Perylene-d12	15.35	264	198580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1123309	127.96	ng	0.01
7) Phenol-d6	6.44	99	1221655	107.70	ng	0.00
23) Nitrobenzene-d5	7.37	82	783540	84.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	208871	115.74	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1369825	111.34	ng	0.00
78) Terphenyl-d14	12.90	244	791135	69.41	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	43491	3.36	ng	97
49) Dimethylphthalate	9.56	163	127972	9.24	ng	98

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

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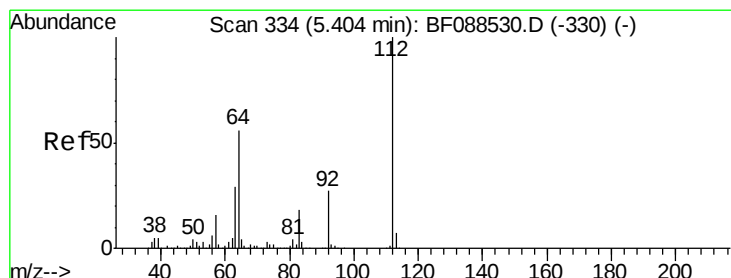
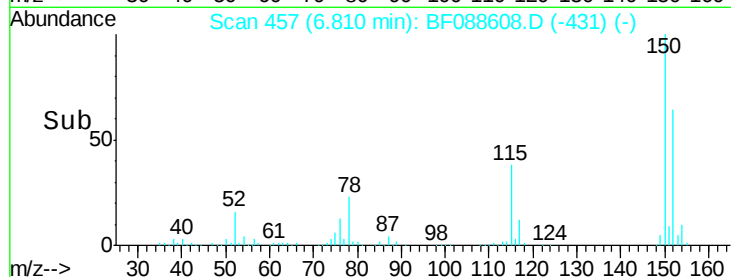
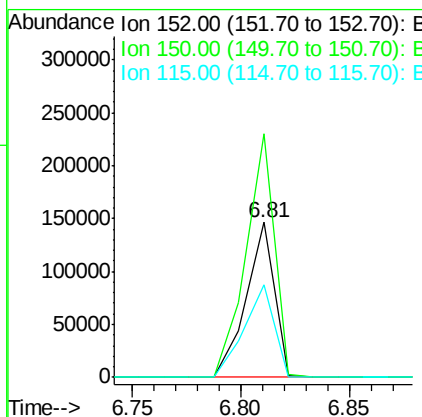
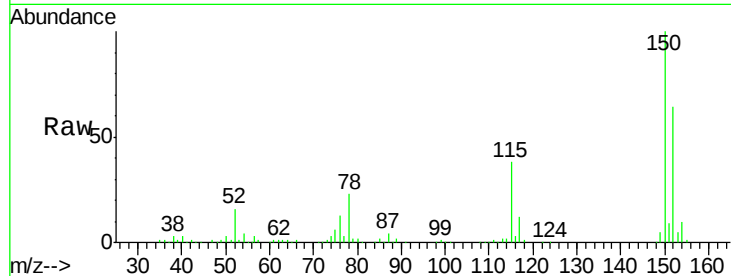




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

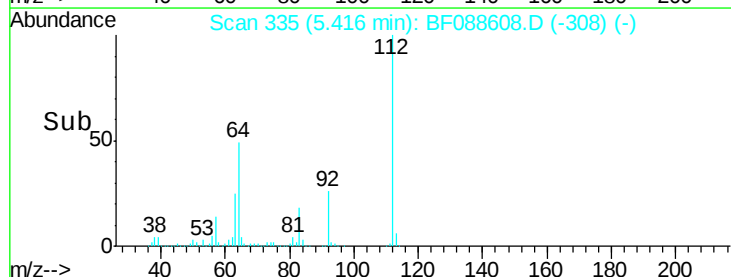
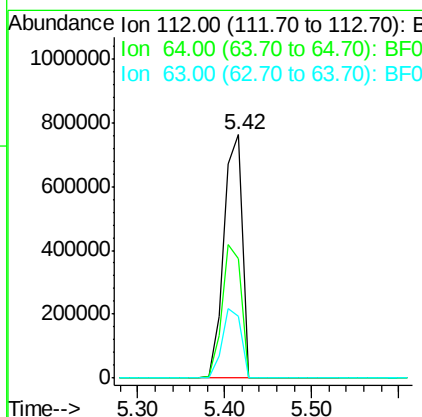
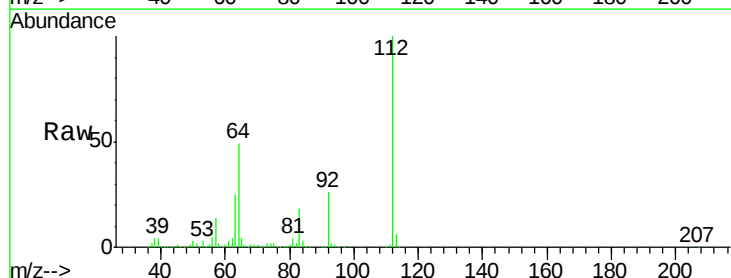
Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Tgt Ion:152 Resp: 131560
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.8 185.6
 115 59.8 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 127.96 ng
 RT: 5.42 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Tgt Ion:112 Resp: 1123309
 Ion Ratio Lower Upper
 112 100
 64 49.2 42.2 63.2
 63 25.3 21.8 32.8





#7

Phenol-d6

Concen: 107.70 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

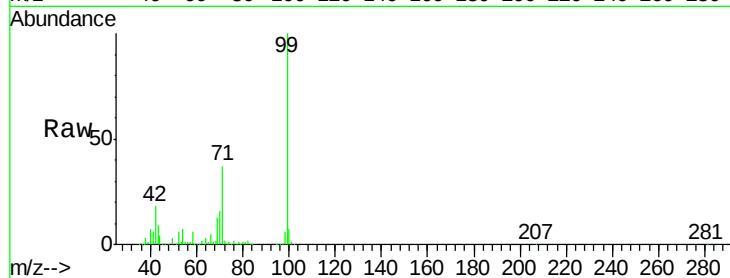
Tgt Ion: 99 Resp: 1221655

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

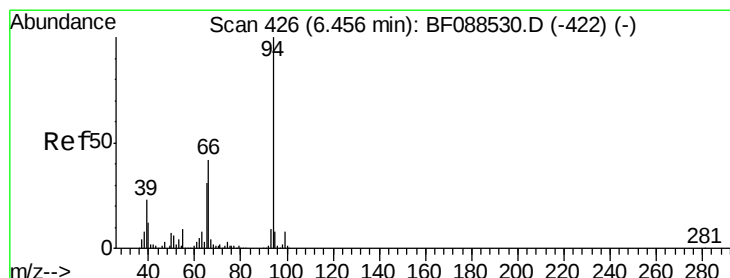
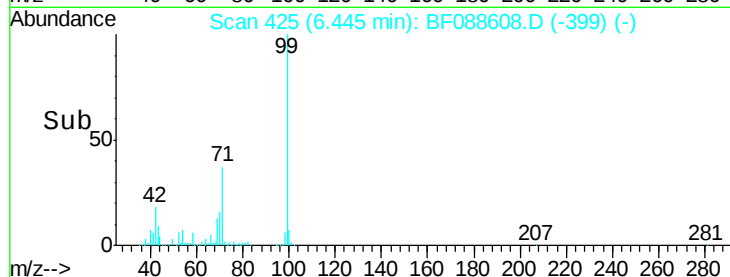
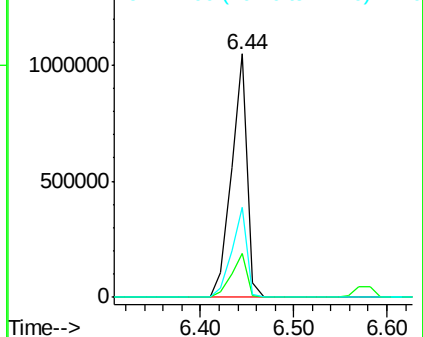
71 36.9 23.4 35.0#



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: 3.36 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

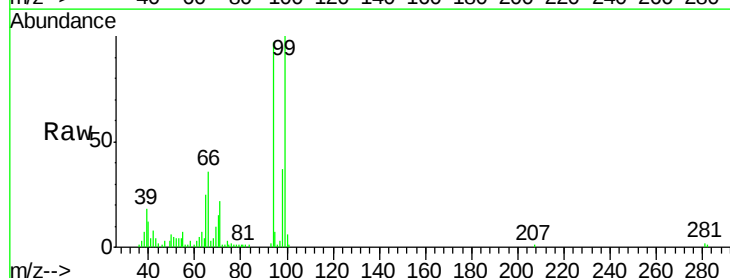
Tgt Ion: 94 Resp: 43491

Ion Ratio Lower Upper

94 100

65 25.9 5.9 45.9

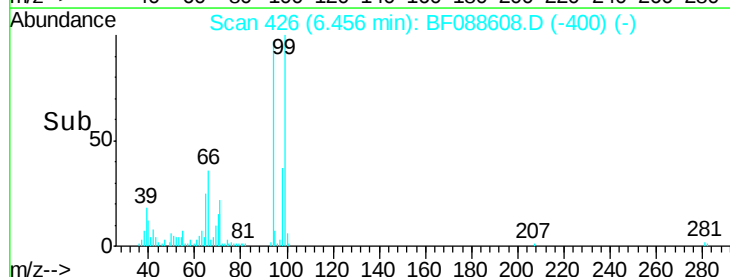
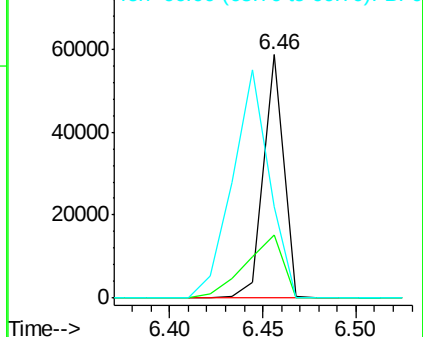
66 37.3 14.0 54.0



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: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

Instrument :

BNA_F

ClientSampleId :

SB-23-COMP

Tgt Ion:136 Resp: 486390

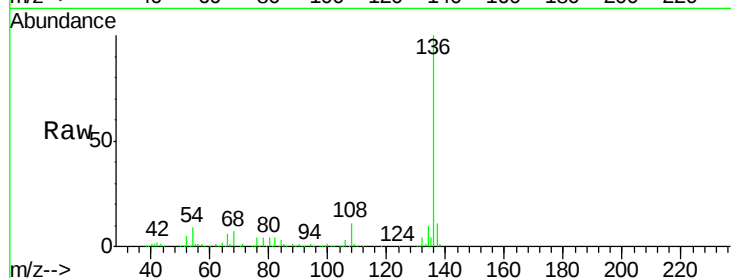
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.7 6.6 10.0

68 7.4 5.1 7.7

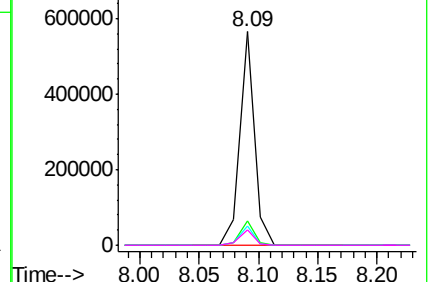
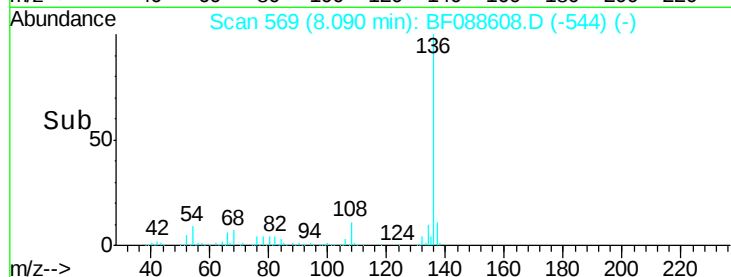


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.42 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

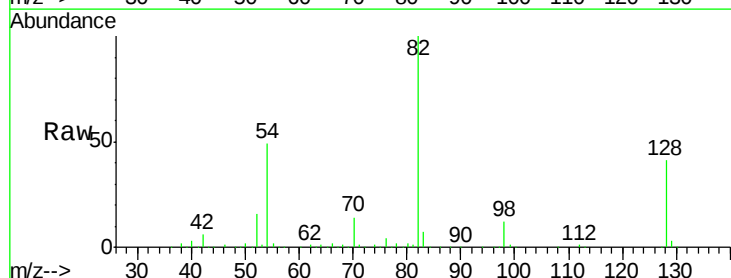
Tgt Ion: 82 Resp: 783540

Ion Ratio Lower Upper

82 100

128 41.3 35.9 53.9

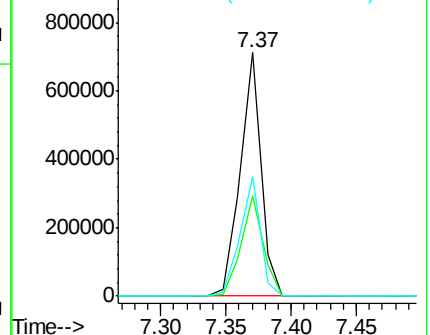
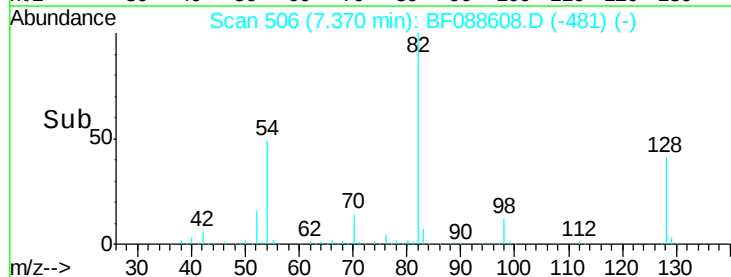
54 49.1 40.9 61.3

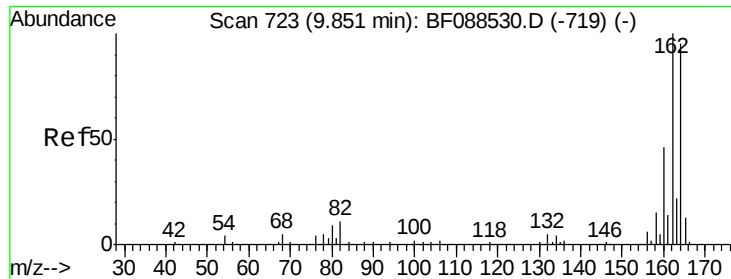


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

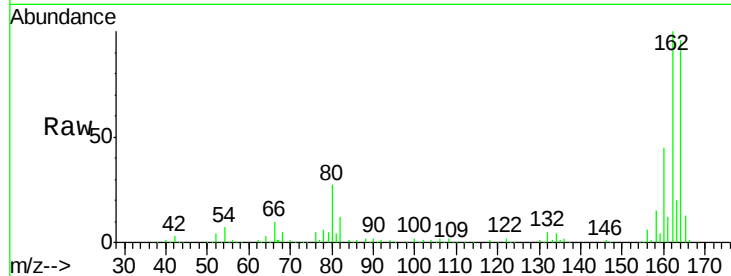




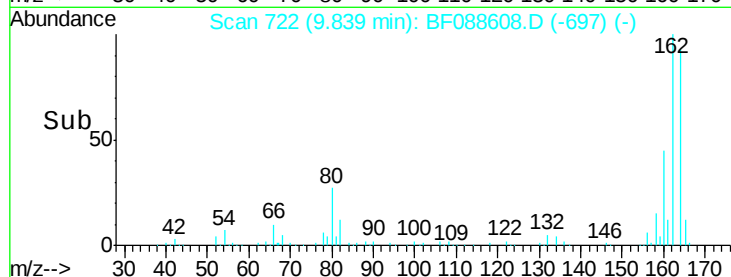
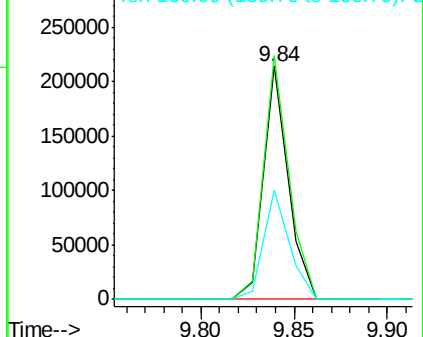
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Tgt Ion:164 Resp: 194342
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.4 128.2
 160 46.6 39.5 59.3

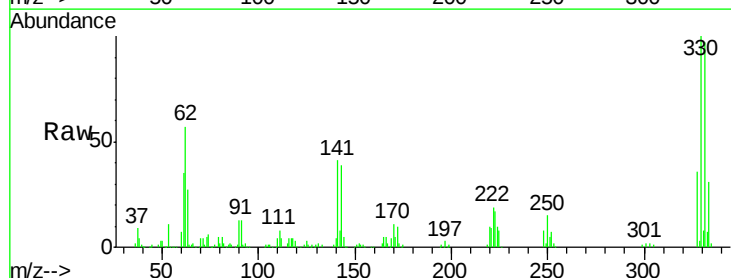


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

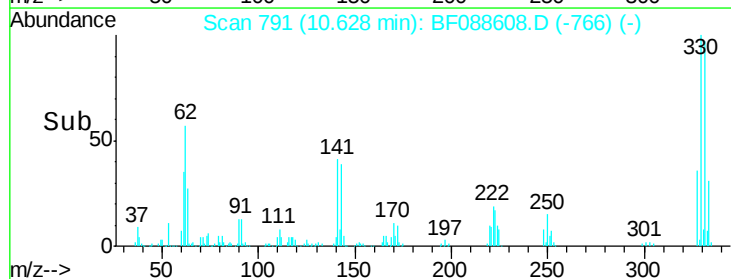
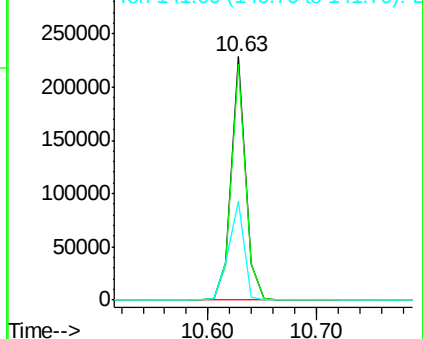


#41
 2,4,6-Tribromophenol
 Concen: 115.74 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Tgt Ion:330 Resp: 208871
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 44.0 0.0 0.0#



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

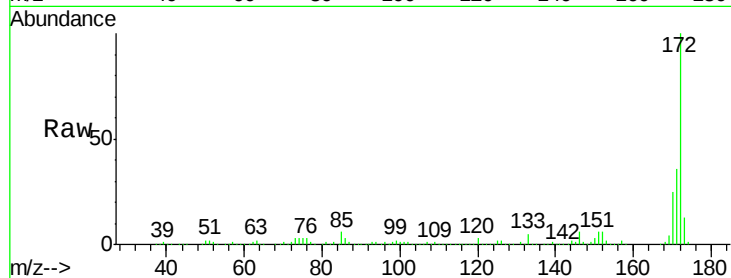




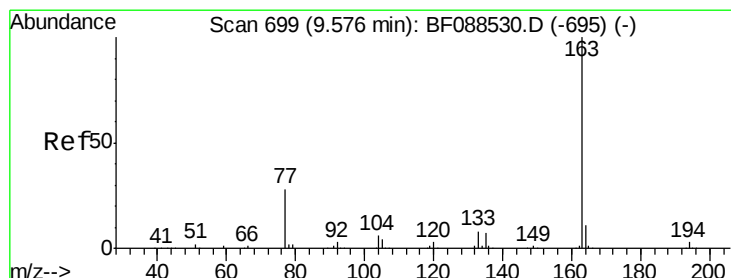
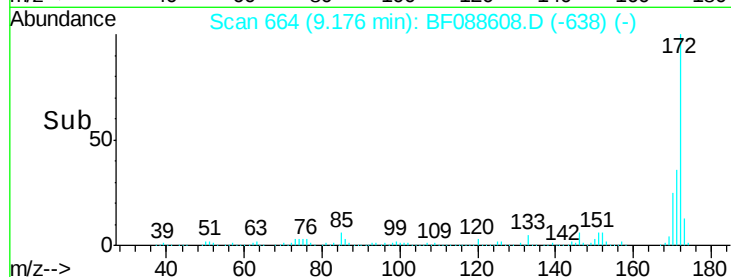
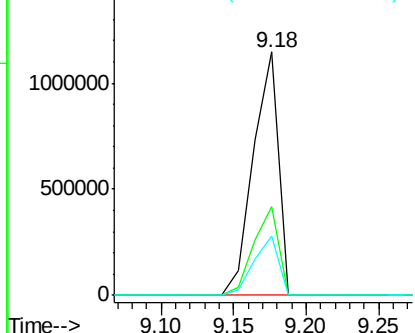
#44
 2-Fluorobiphenyl
 Concen: 111.34 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Tgt Ion:172 Resp: 1369825
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.6 19.2 28.8

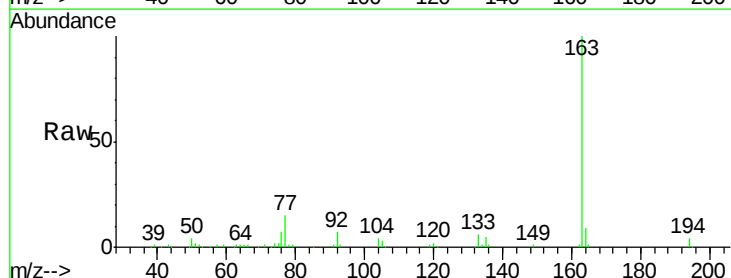


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

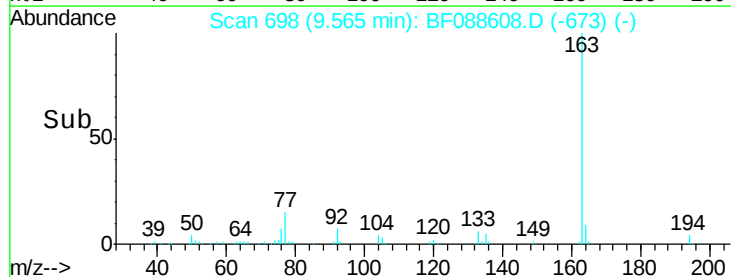
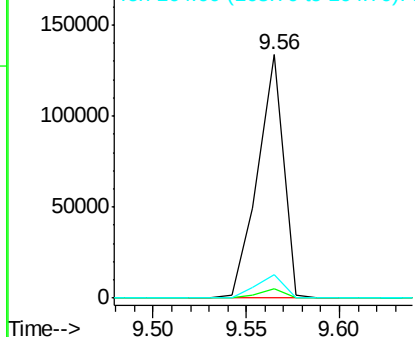


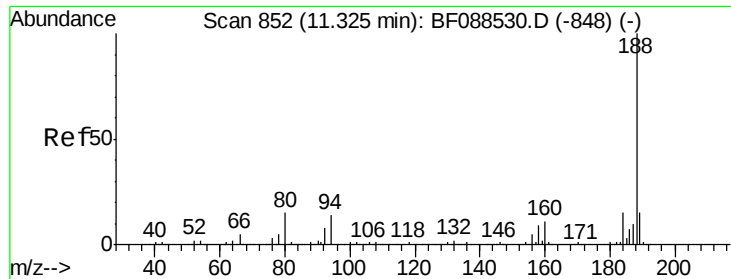
#49
 Dimethylphthalate
 Concen: 9.24 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Tgt Ion:163 Resp: 127972
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.4 8.3 12.5



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

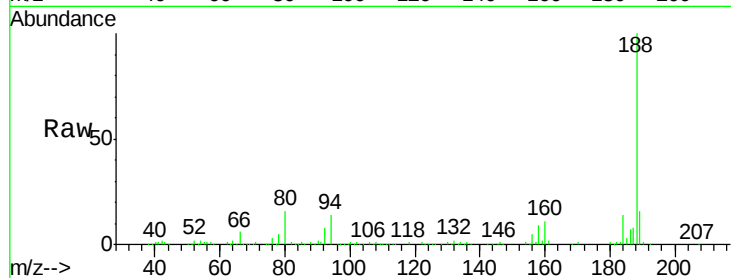




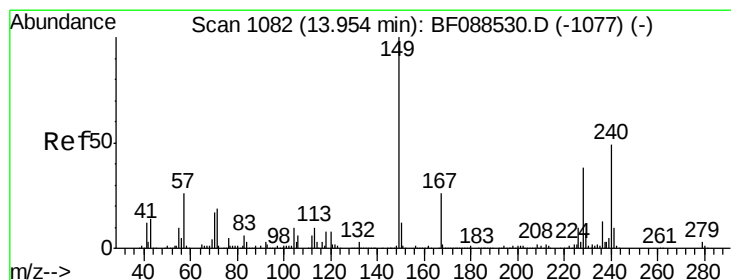
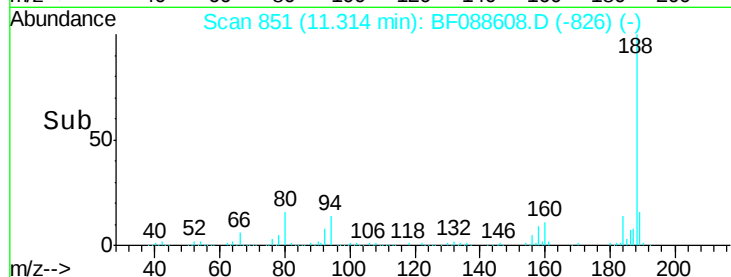
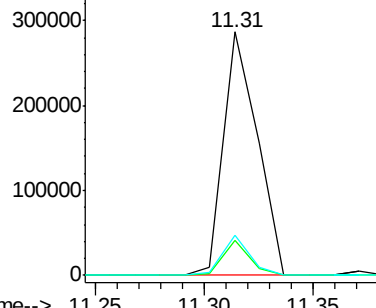
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088608.D
Acq: 2 Jul 2016 7:56

Instrument :
BNA_F
ClientSampleId :
SB-23-COMP

Tgt Ion:188 Resp: 310661
Ion Ratio Lower Upper
188 100
94 14.4 9.0 13.6#
80 16.4 10.0 15.0#

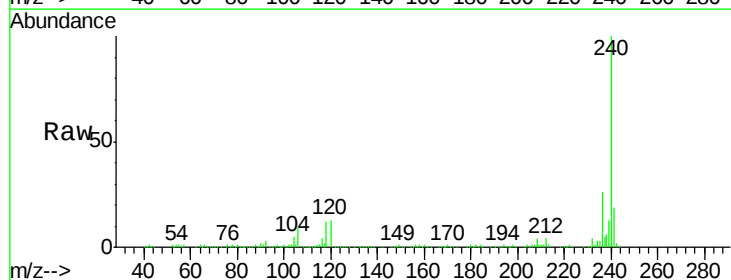


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

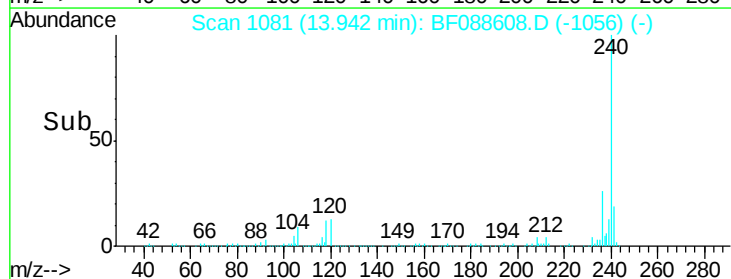
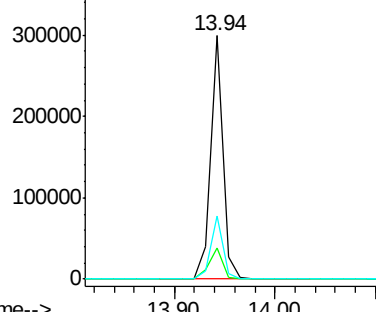


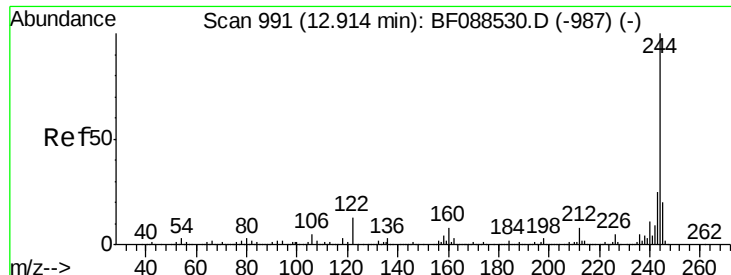
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088608.D
Acq: 2 Jul 2016 7:56

Tgt Ion:240 Resp: 253863
Ion Ratio Lower Upper
240 100
120 12.8 6.8 10.2#
236 25.7 20.2 30.2



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

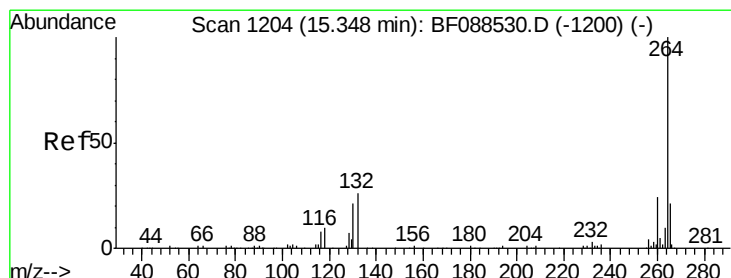
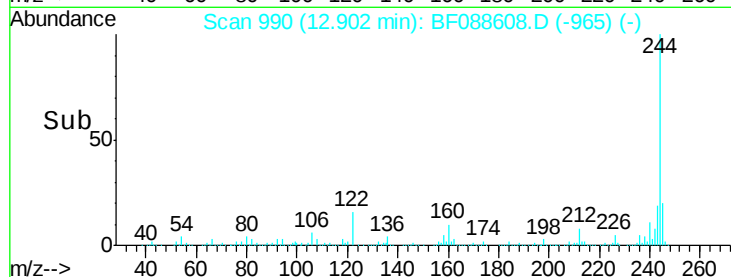
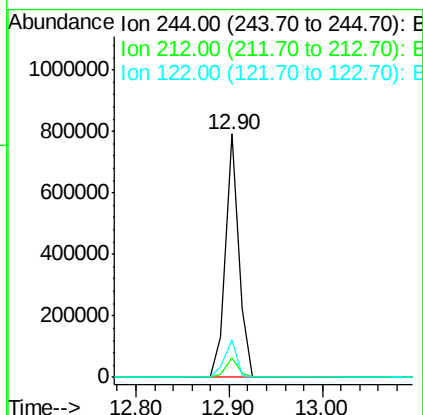
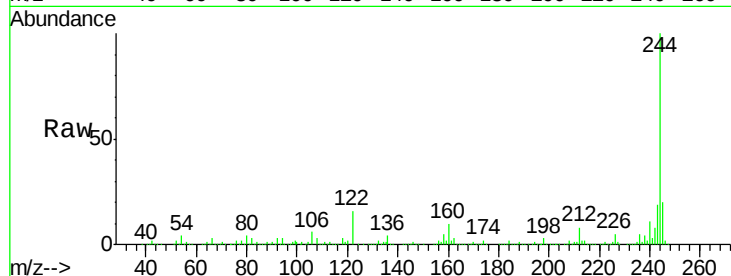




#78
 Terphenyl-d14
 Concen: 69.41 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-23-COMP

Tgt Ion:244 Resp: 791135
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Tgt Ion:264 Resp: 198580
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 16.9 25.3

