

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088604.D
 Acq On : 2 Jul 2016 5:59
 Operator : UM/SJ
 Sample : H3831-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Quant Time: Jul 02 06:30:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

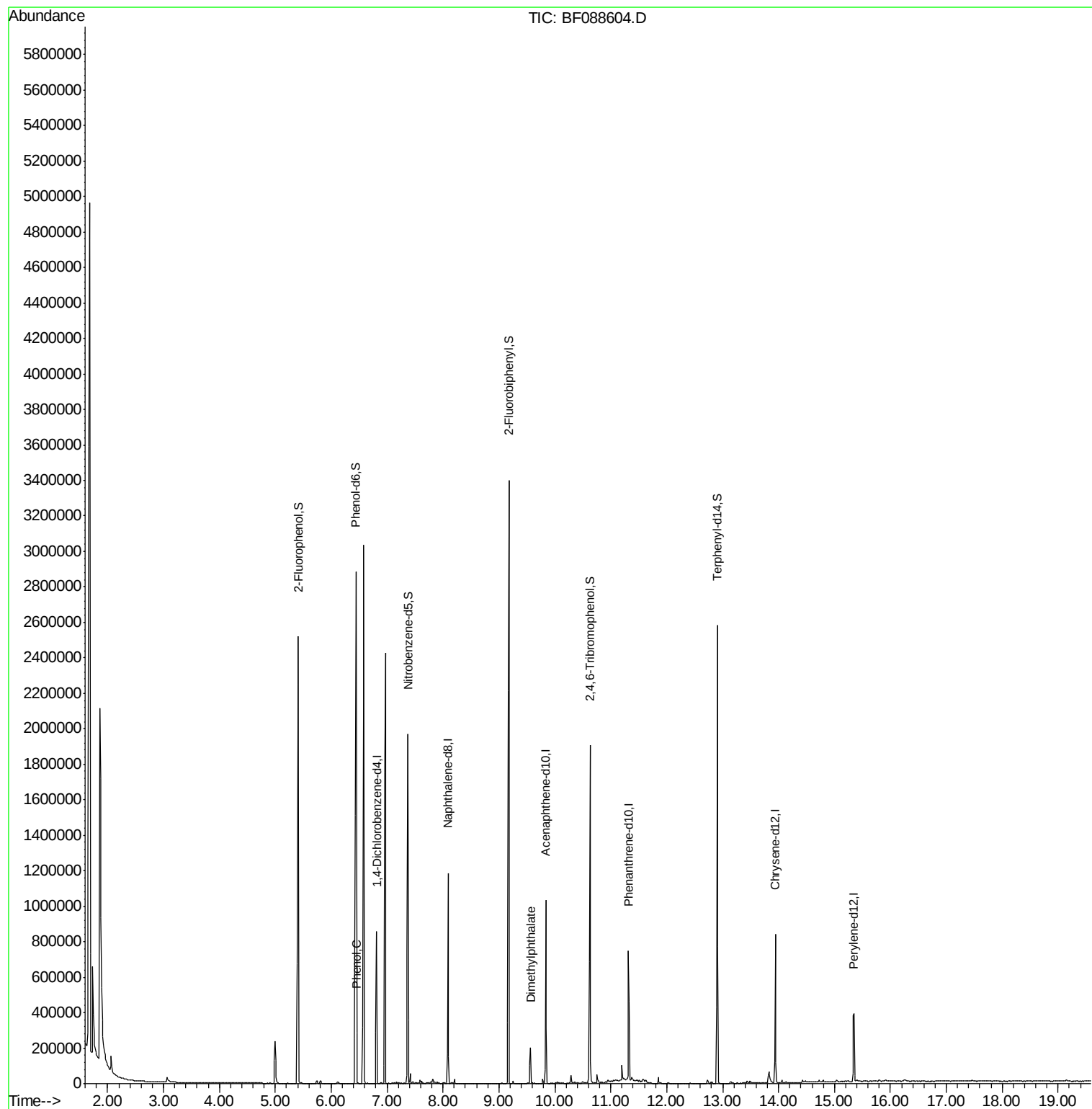
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134169	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	482732	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	199993	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	322943	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	248051	20.00	ng	-0.01
86) Perylene-d12	15.35	264	209527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1088079	121.54	ng	0.02
7) Phenol-d6	6.44	99	1177549	101.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	748363	81.24	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	208427	112.23	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1359803	107.40	ng	0.00
78) Terphenyl-d14	12.90	244	826882	74.25	ng	0.00
Target Compounds						
10) Phenol	6.46	94	38772	2.94	ng	96
49) Dimethylphthalate	9.56	163	99320	6.97	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: BF088604.D

Acq: 2 Jul 2016 5:59

Instrument :

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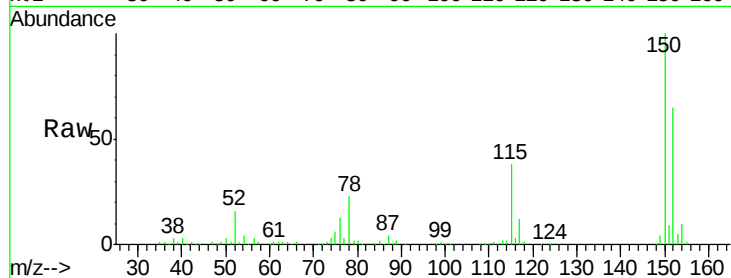
Tgt Ion:152 Resp: 134169

Ion Ratio Lower Upper

152 100

150 152.9 123.8 185.6

115 58.6 39.6 59.4



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

300000

250000

200000

150000

100000

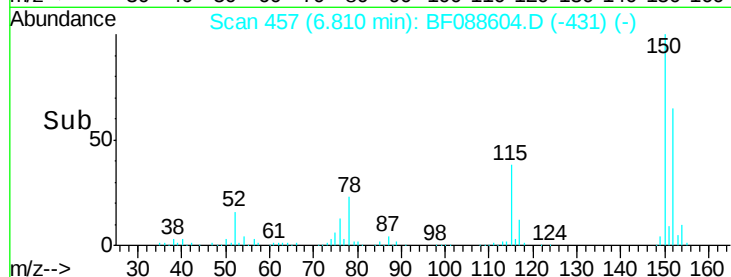
50000

0

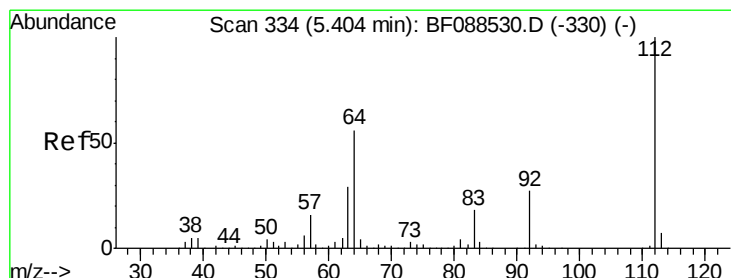
6.75

6.80

6.85



Time-->



#5

2-Fluorophenol

Concen: 121.54 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.02 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

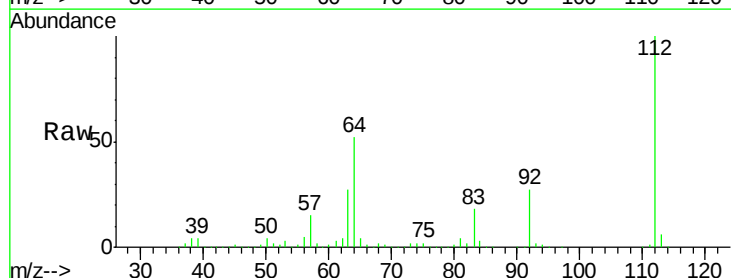
Tgt Ion:112 Resp: 1088079

Ion Ratio Lower Upper

112 100

64 51.7 42.2 63.2

63 26.7 21.8 32.8



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

1000000

800000

600000

400000

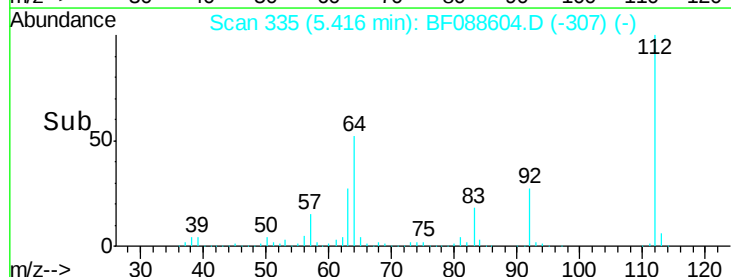
200000

0

5.30

5.40

5.50



Time-->



#7

Phenol-d6

Concen: 101.80 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

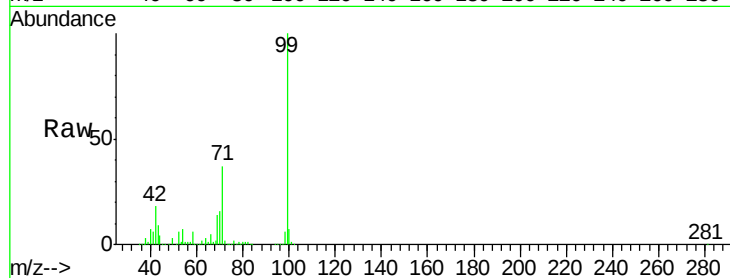
Tgt Ion: 99 Resp: 1177549

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

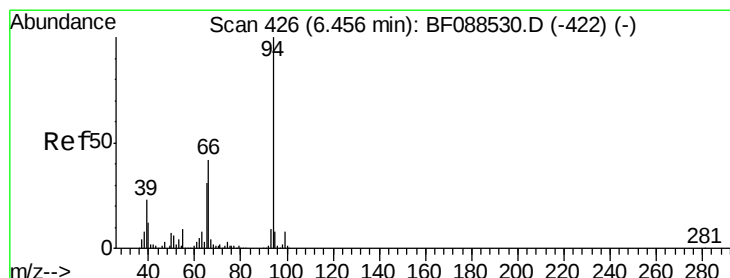
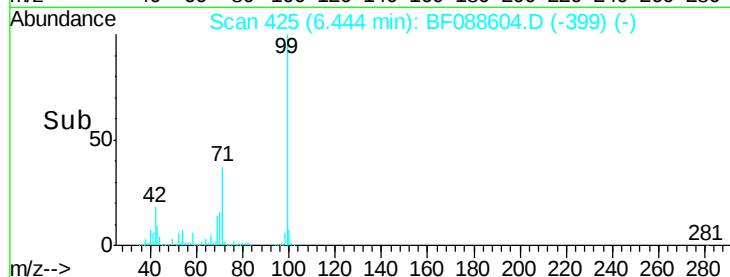
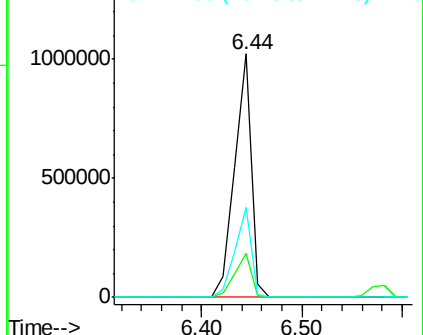
71 36.7 23.4 35.0#



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: 2.94 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088604.D

Acq: 2 Jul 2016 5:59

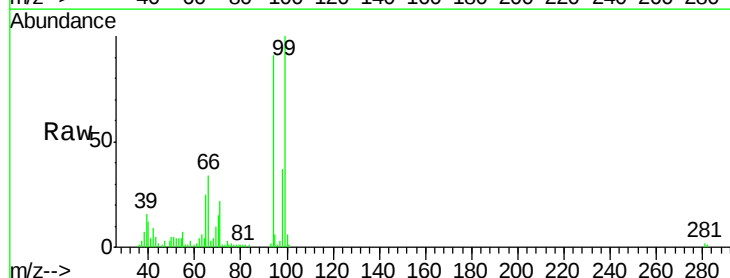
Tgt Ion: 94 Resp: 38772

Ion Ratio Lower Upper

94 100

65 27.1 5.9 45.9

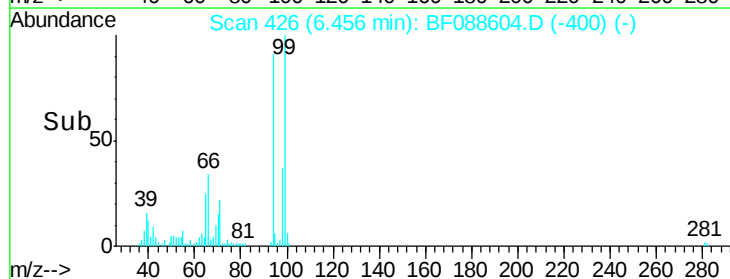
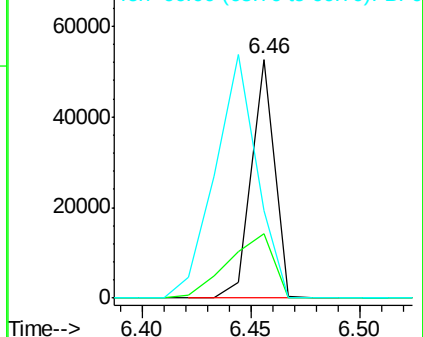
66 36.8 14.0 54.0



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

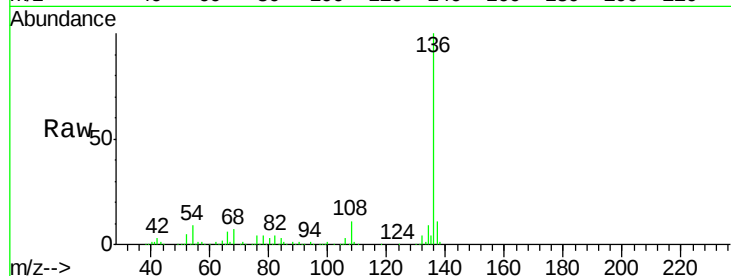




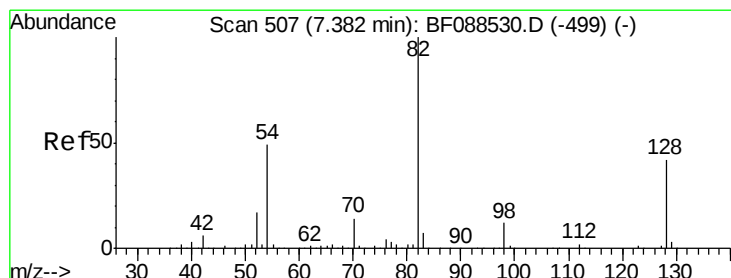
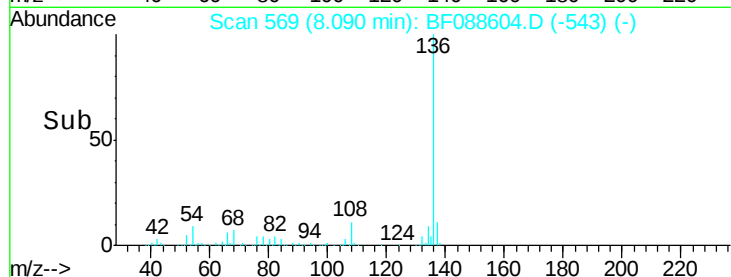
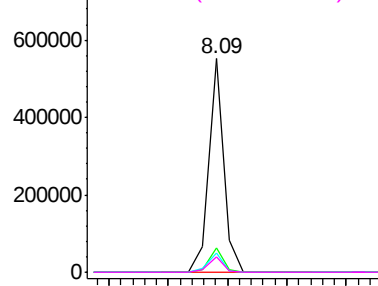
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF088604.D
Acq: 2 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

Tgt Ion:	136	Resp:	482732
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.0	6.6	10.0
68	7.4	5.1	7.7

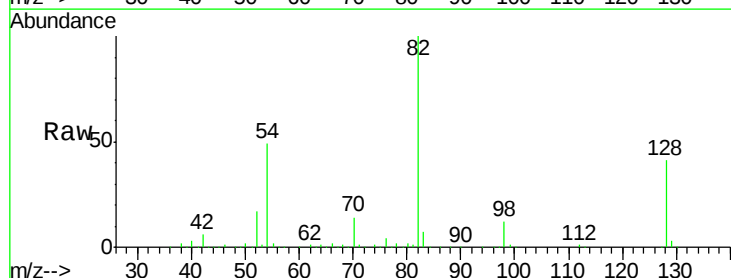


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

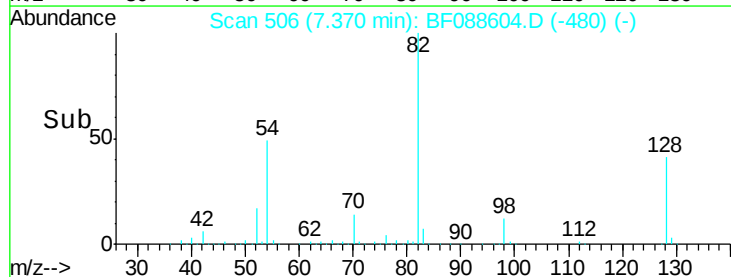
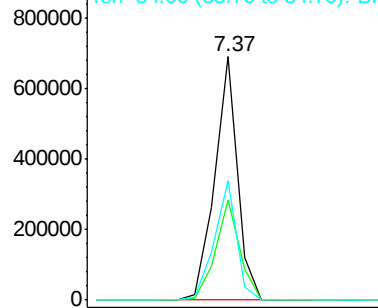


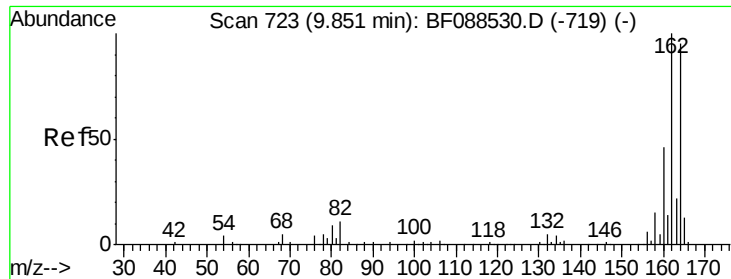
#23
Nitrobenzene-d5
Concen: 81.24 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF088604.D
Acq: 2 Jul 2016 5:59

Tgt Ion:	82	Resp:	748363
Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.9	53.9
54	49.3	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

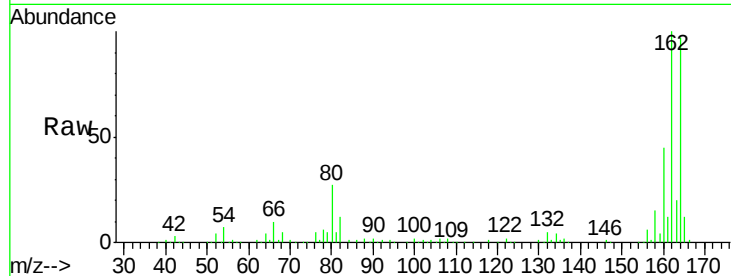




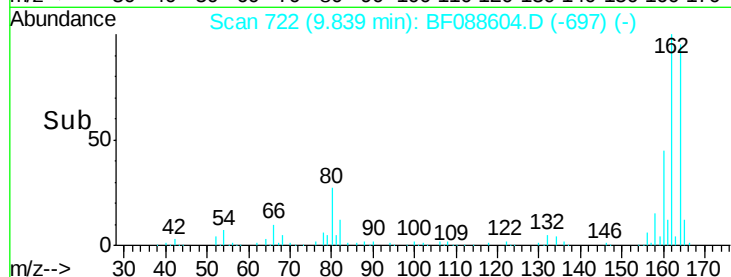
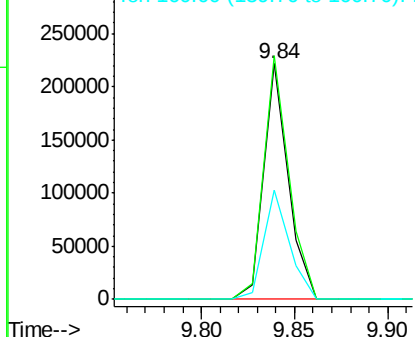
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088604.D
 Acq: 2 Jul 2016 5:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Tgt Ion:164 Resp: 199993
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.4 128.2
 160 46.6 39.5 59.3

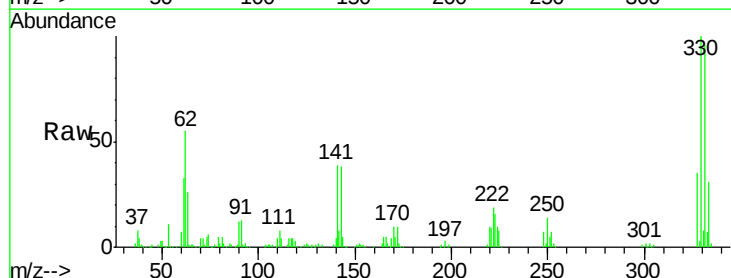


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

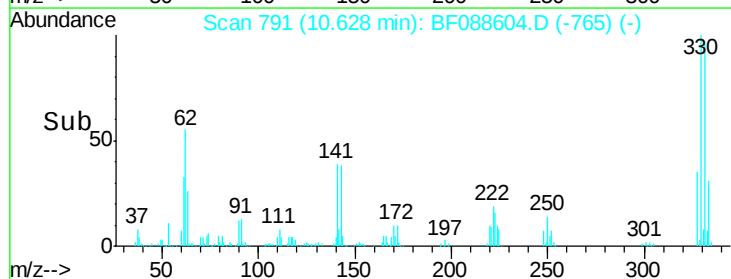
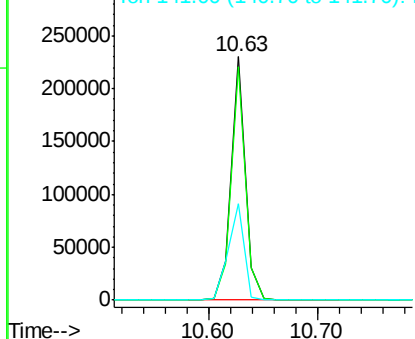


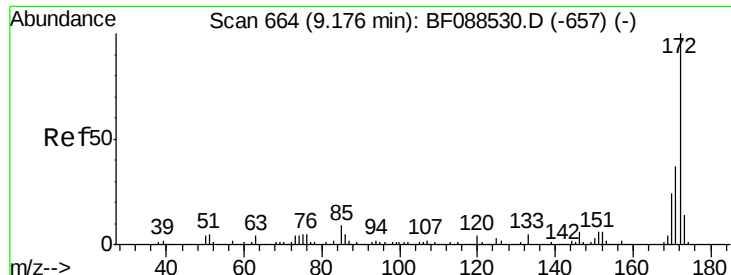
#41
 2,4,6-Tribromophenol
 Concen: 112.23 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF088604.D
 Acq: 2 Jul 2016 5:59

Tgt Ion:330 Resp: 208427
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 43.7 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

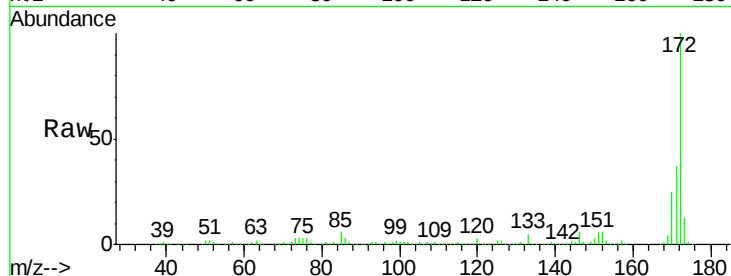




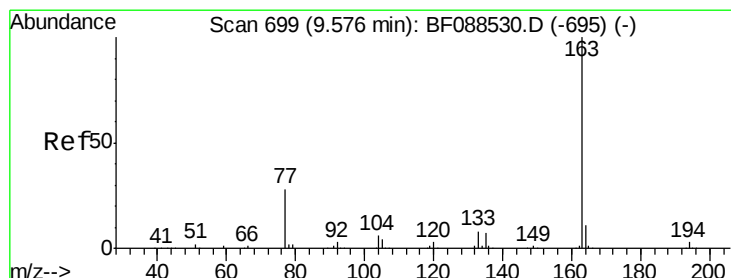
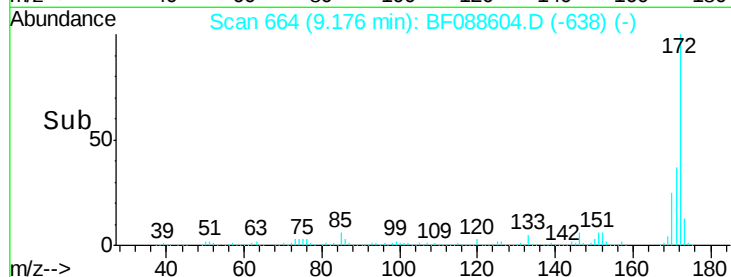
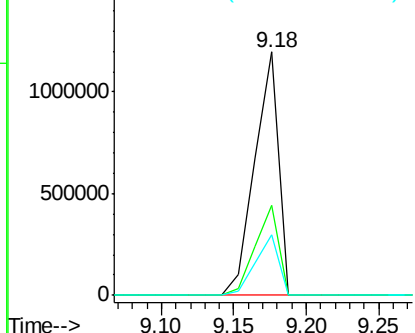
#44
 2-Fluorobiphenyl
 Concen: 107.40 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088604.D
 Acq: 2 Jul 2016 5:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Tgt Ion:172 Resp: 1359803
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 24.9 19.2 28.8

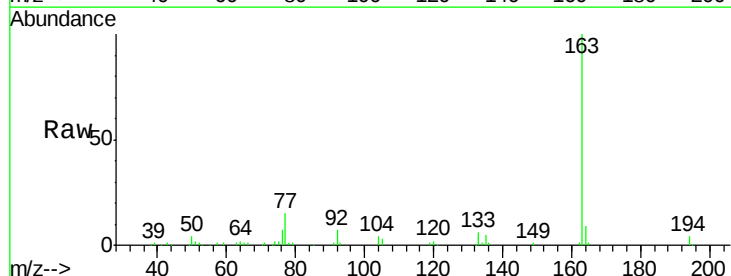


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

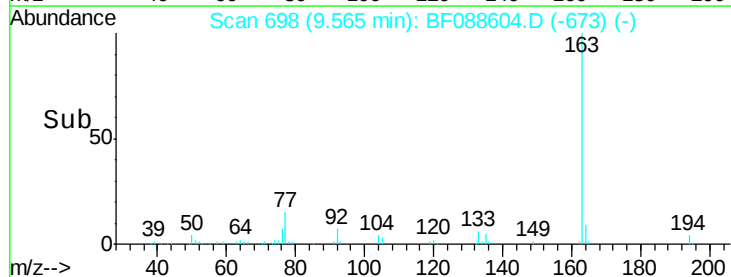
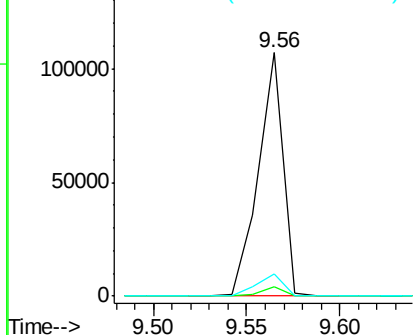


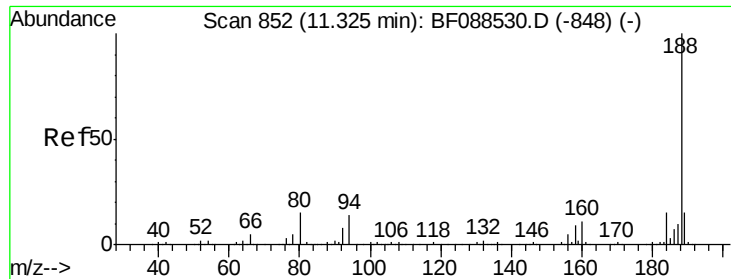
#49
 Dimethylphthalate
 Concen: 6.97 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF088604.D
 Acq: 2 Jul 2016 5:59

Tgt Ion:163 Resp: 99320
 Ion Ratio Lower Upper
 163 100
 194 3.7 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

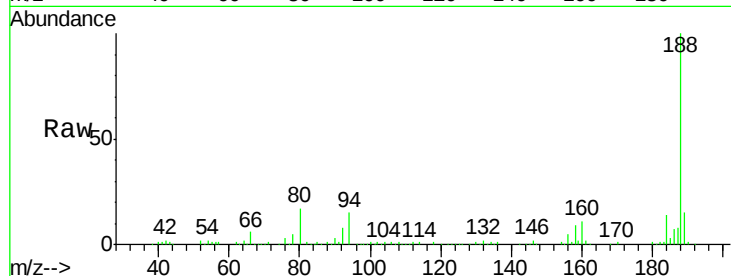




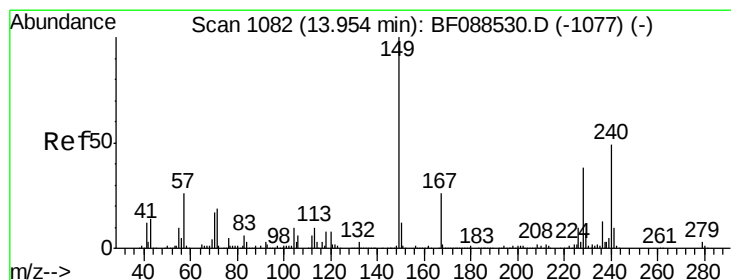
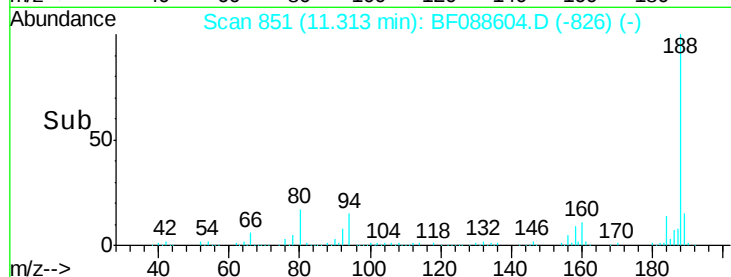
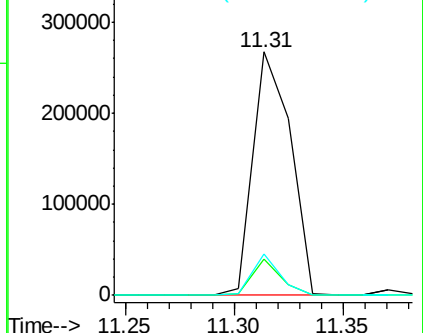
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088604.D
Acq: 2 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

Tgt Ion:188 Resp: 322943
Ion Ratio Lower Upper
188 100
94 14.9 9.0 13.6#
80 16.9 10.0 15.0#

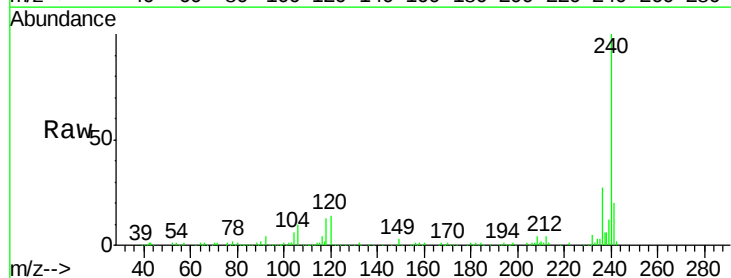


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

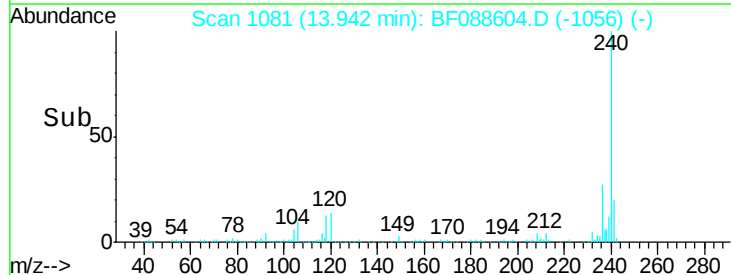
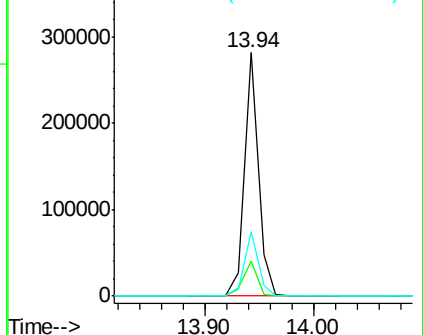


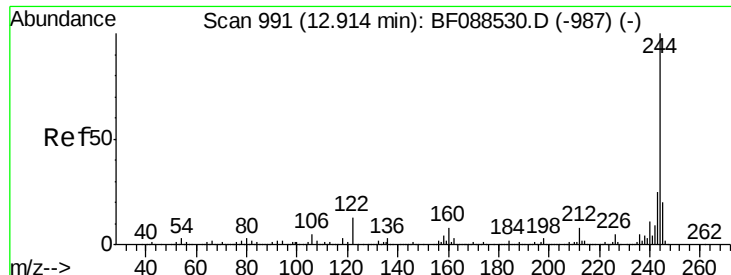
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088604.D
Acq: 2 Jul 2016 5:59

Tgt Ion:240 Resp: 248051
Ion Ratio Lower Upper
240 100
120 14.4 6.8 10.2#
236 26.7 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

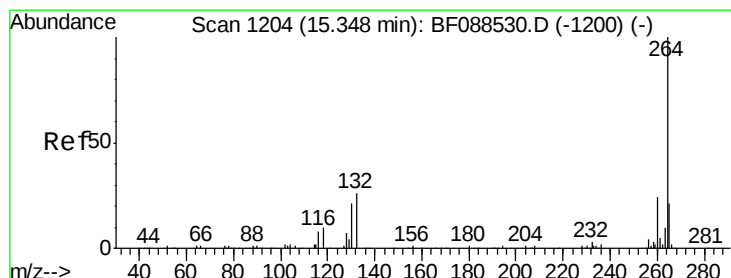
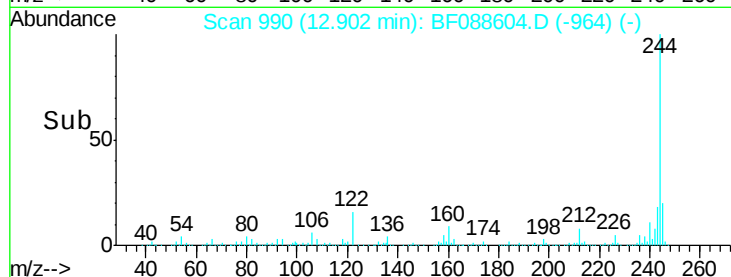
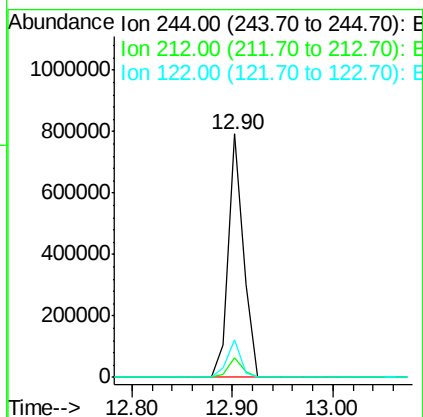
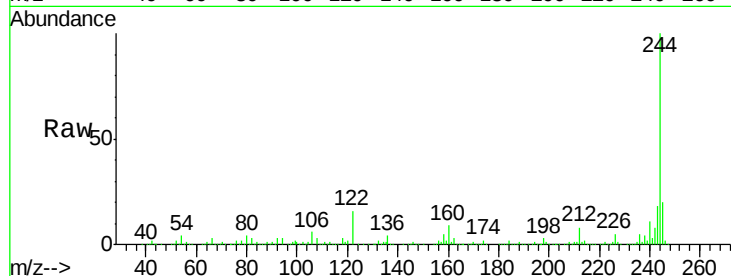




#78
 Terphenyl-d14
 Concen: 74.25 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF088604.D
 Acq: 2 Jul 2016 5:59

Instrument :
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 SB-19-COMP

Tgt Ion: 244 Resp: 826882
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.6 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: BF088604.D
 Acq: 2 Jul 2016 5:59

Tgt Ion: 264 Resp: 209527
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.0 16.9 25.3

