

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088860.D
 Acq On : 9 Jul 2016 8:31
 Operator : UM/SJ
 Sample : H3884-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-19A

Quant Time: Jul 11 01:02:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	86574m	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	330085	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	160205	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	290839	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	189015	20.00	ng	-0.01
86) Perylene-d12	15.23	264	176083	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	164397	28.46	ng	-0.01
7) Phenol-d6	6.35	99	124684	16.70	ng	-0.02
23) Nitrobenzene-d5	7.29	82	393981	62.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	118134	79.41	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	834978	82.33	ng	0.00
78) Terphenyl-d14	12.82	244	602043	70.94	ng	0.00

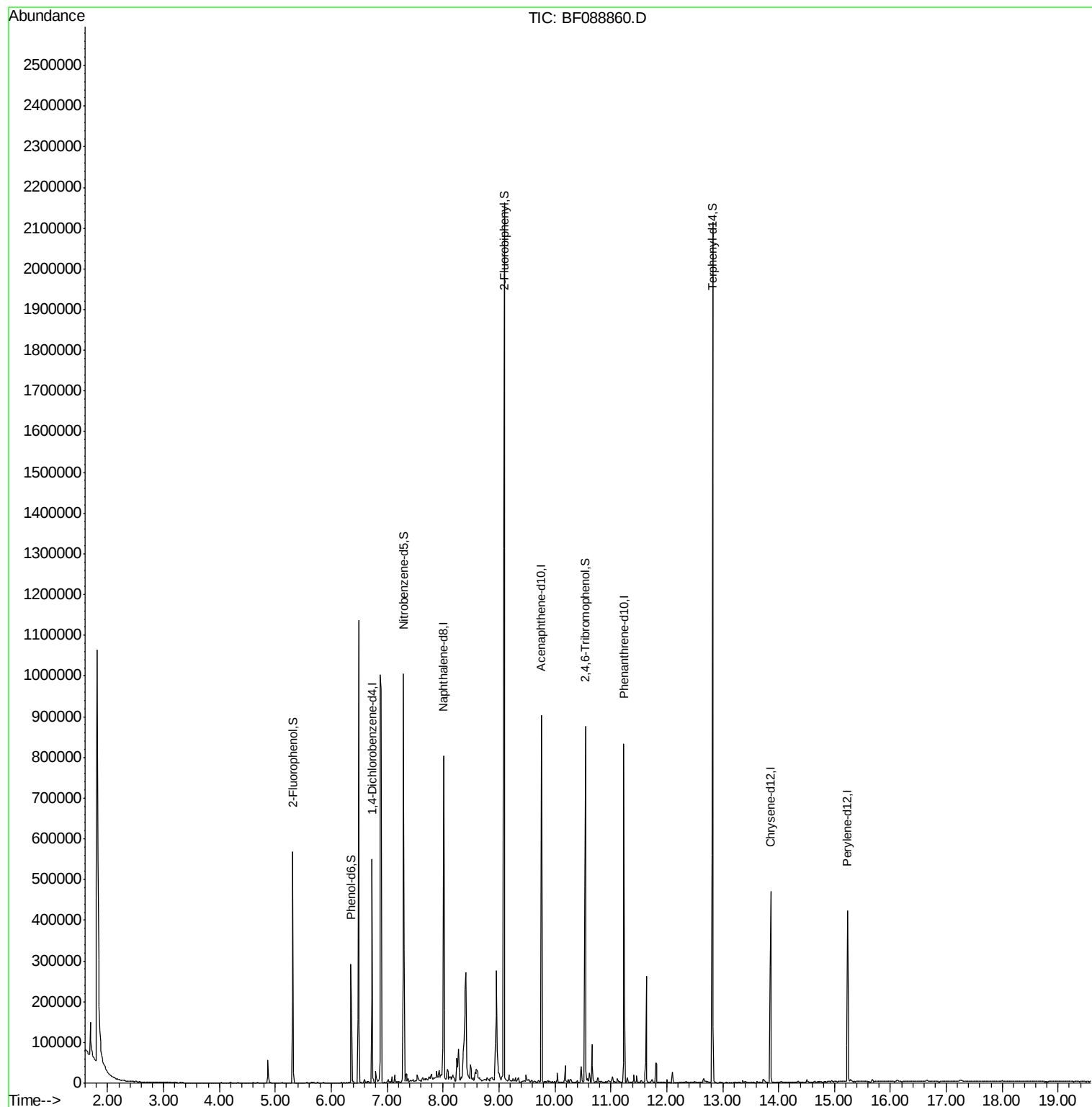
Target Compounds Qvalue

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

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088860.D
Acq On : 9 Jul 2016 8:31
Operator : UM/SJ
Sample : H3884-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-19A

Quant Time: Jul 11 01:02:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088860.D

Acq: 9 Jul 2016 8:31

Instrument :

BNA_F

ClientSampleId :

LOCATION-19A

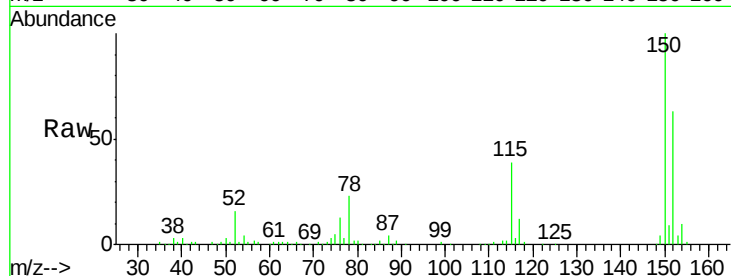
Tot Ion:152 Resp: 86574

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

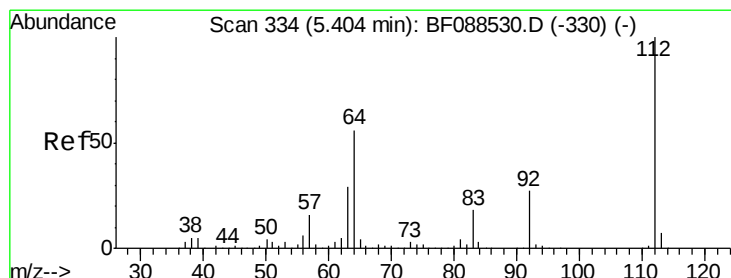
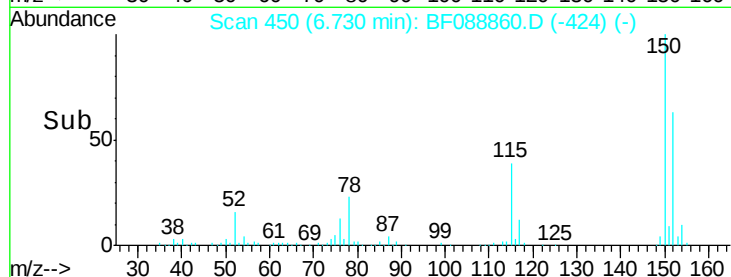
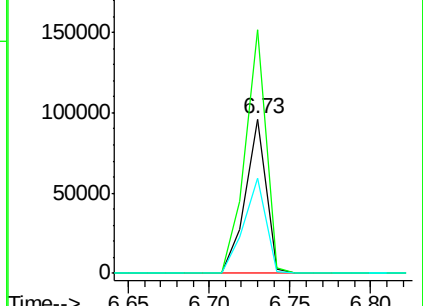
115 61.6 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 28.46 ng/mL

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088860.D

Acq: 9 Jul 2016 8:31

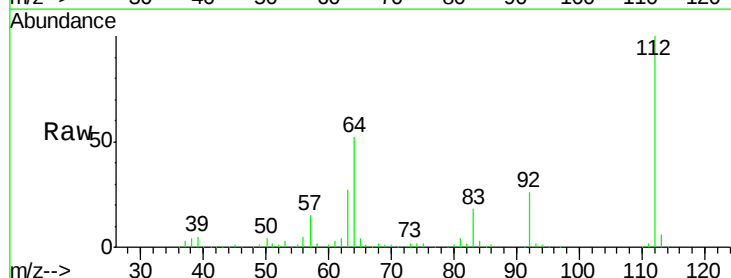
Tgt Ion:112 Resp: 164397

Ion Ratio Lower Upper

112 100

64 52.1 42.2 63.2

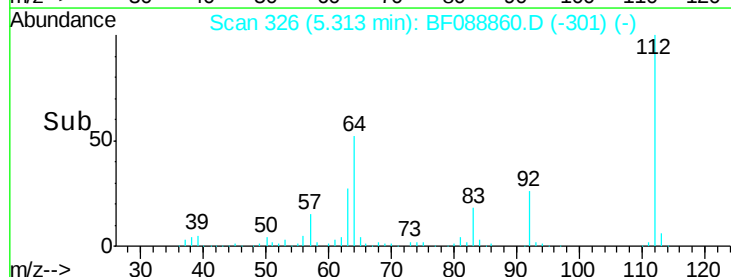
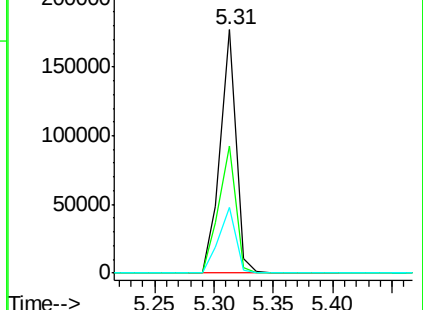
63 26.8 21.8 32.8

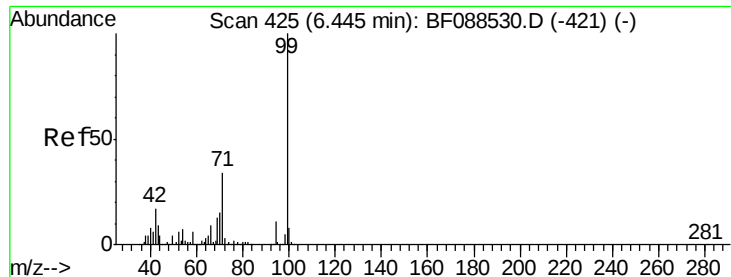


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 16.70 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088860.D

Acq: 9 Jul 2016 8:31

Instrument :

BNA_F

ClientSampleId :

LOCATION-19A

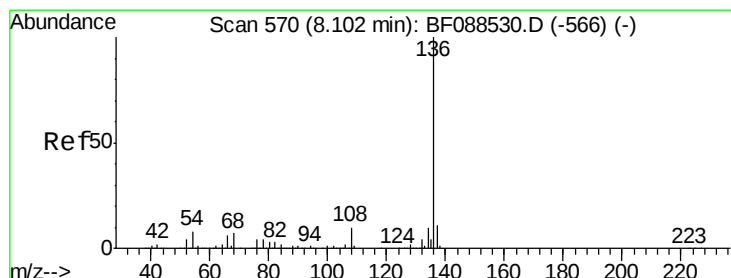
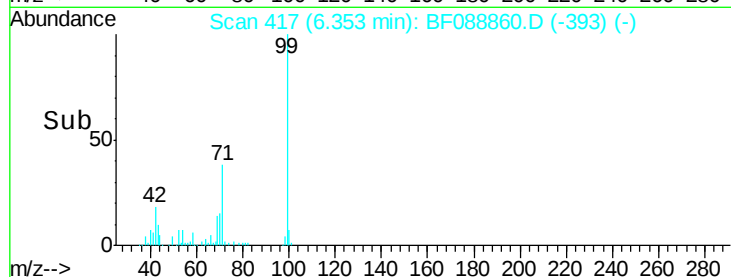
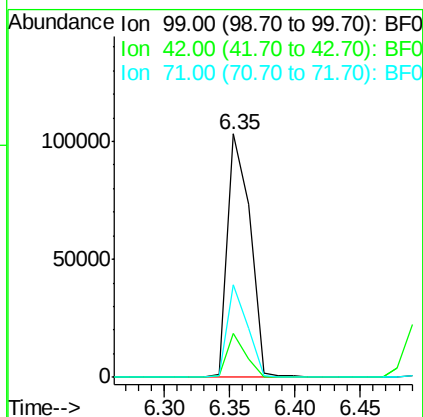
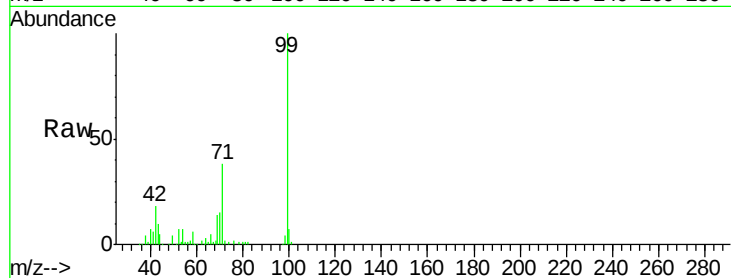
Tot Ion: 99 Resp: 124684

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

71 38.0 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088860.D

Acq: 9 Jul 2016 8:31

Tgt Ion: 136 Resp: 330085

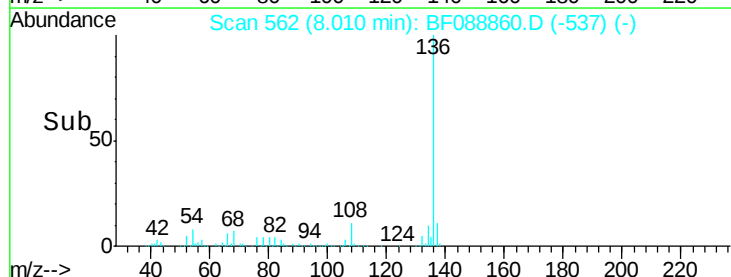
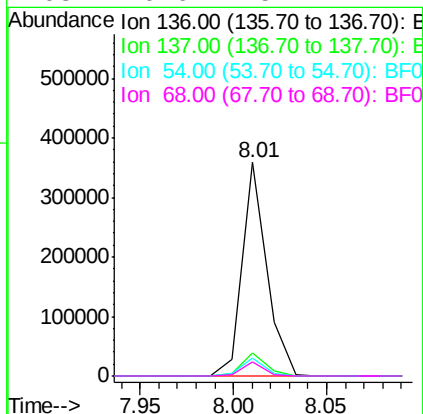
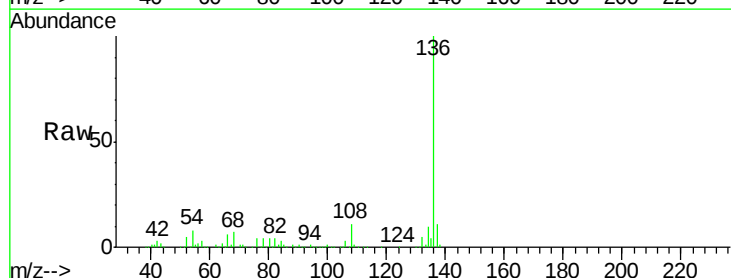
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.3 6.6 10.0

68 6.6 5.1 7.7

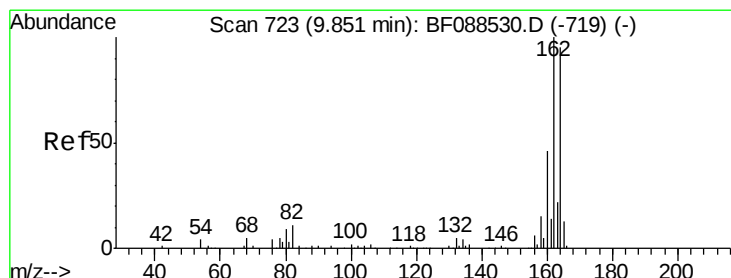
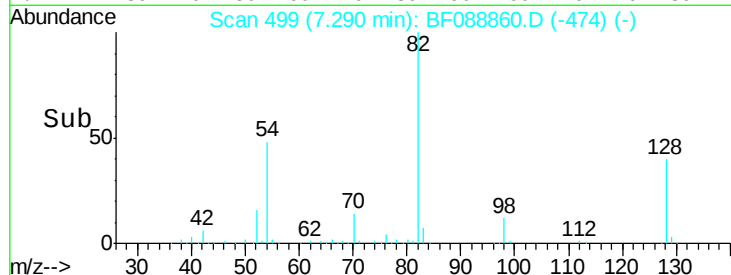
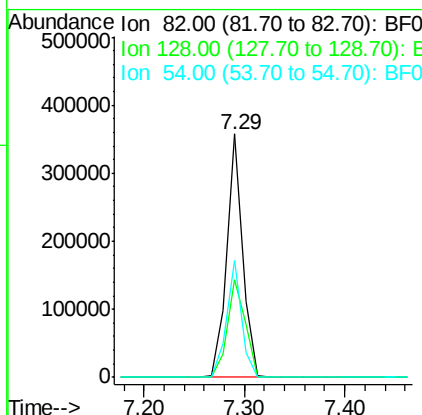
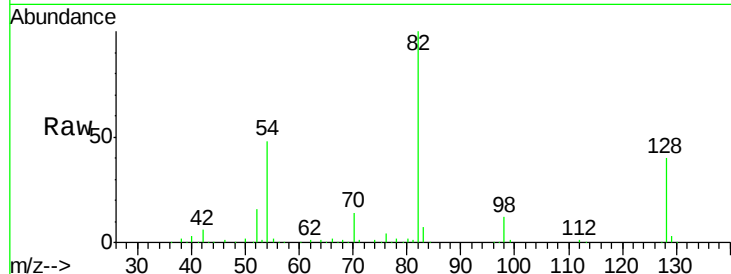




#23
 Nitrobenzene-d5
 Concen: 62.55 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088860.D
 Acq: 9 Jul 2016 8:31

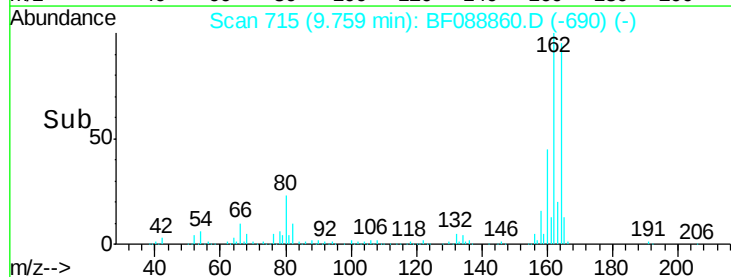
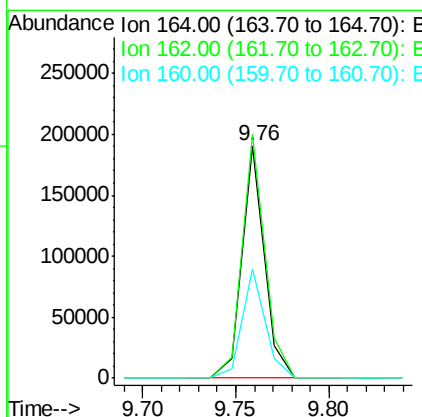
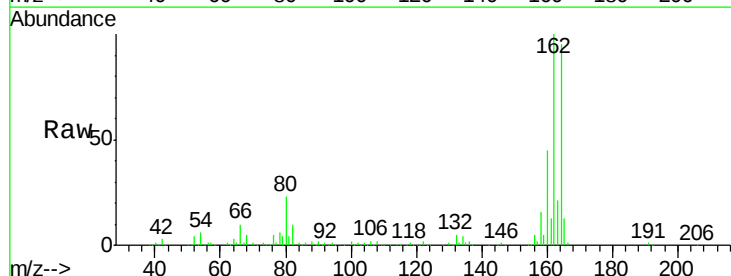
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-19A

Tot Ion: 82 Resp: 393981
 Ion Ratio Lower Upper
 82 100
 128 40.3 35.9 53.9
 54 48.0 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088860.D
 Acq: 9 Jul 2016 8:31

Tgt Ion: 164 Resp: 160205
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 47.1 39.5 59.3

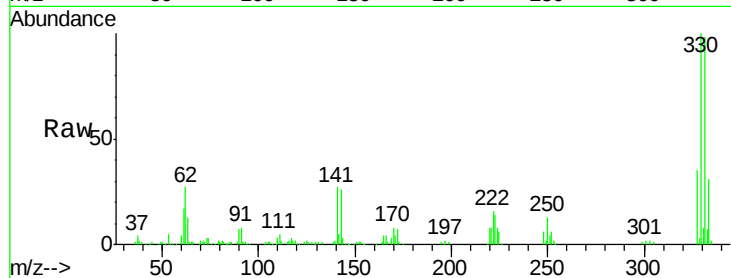




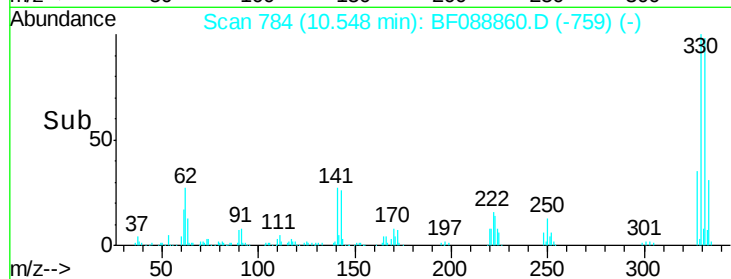
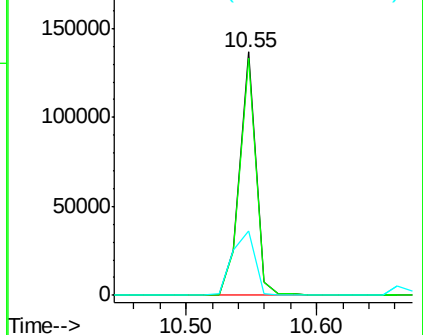
#41
 2,4,6-Tribromophenol
 Concen: 79.41 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088860.D
 Acq: 9 Jul 2016 8:31

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-19A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	37.1	0.0	0.0#

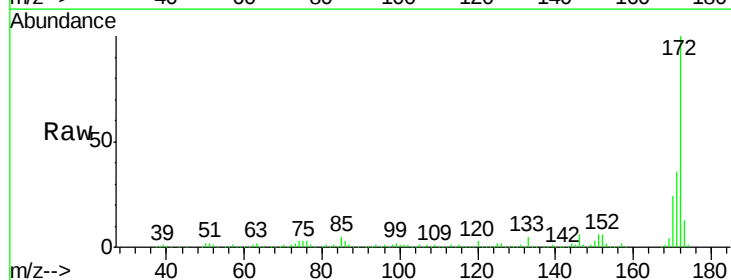


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

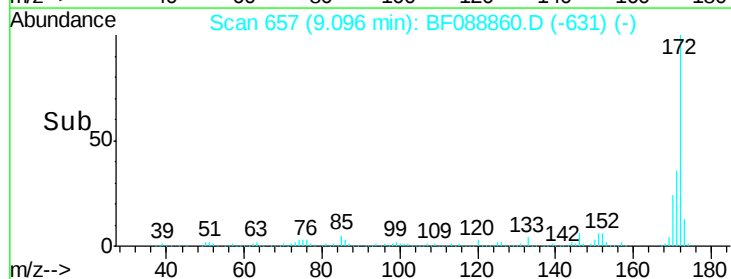
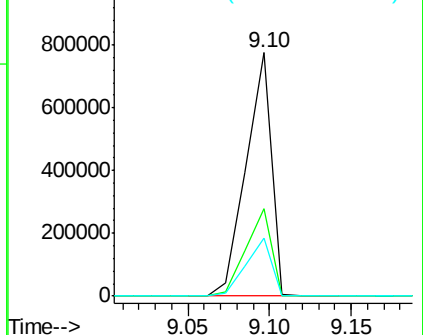


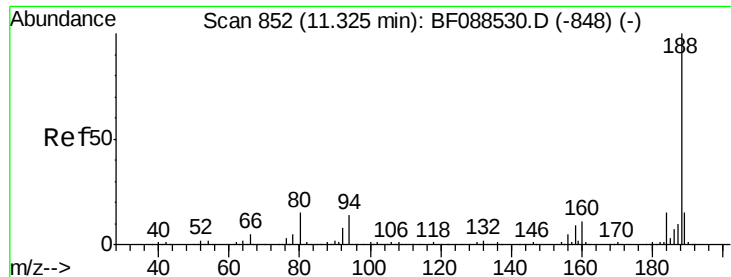
#44
 2-Fluorobiphenyl
 Concen: 82.33 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088860.D
 Acq: 9 Jul 2016 8:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.9	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

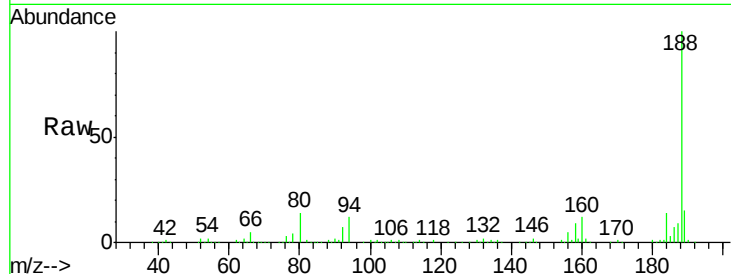




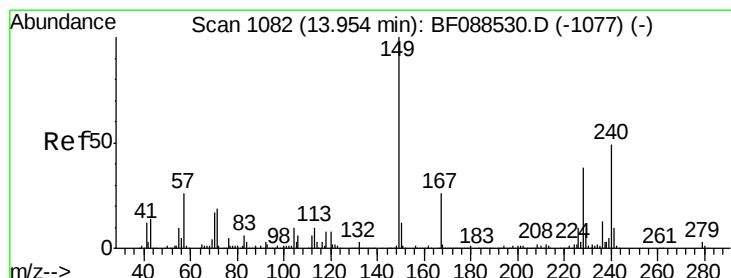
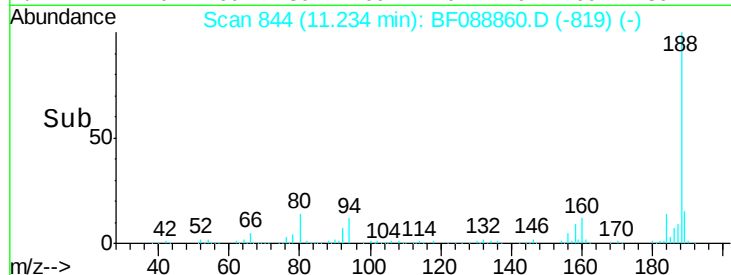
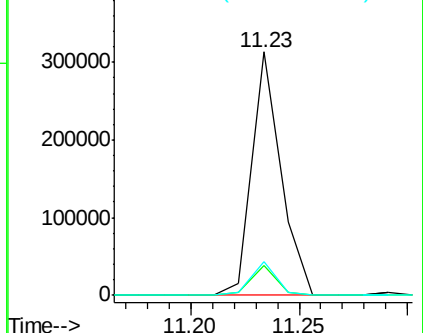
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088860.D
Acq: 9 Jul 2016 8:31

Instrument :
BNA_F
ClientSampleId :
LOCATION-19A

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.0	13.6
80	13.9	10.0	15.0

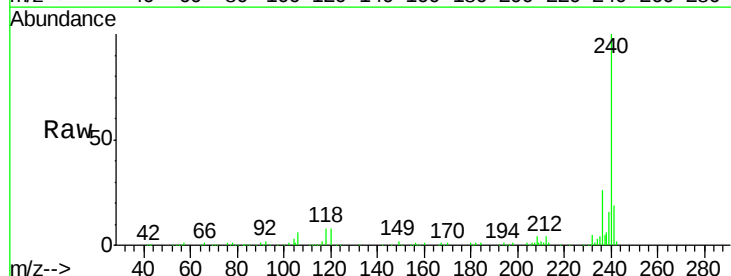


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

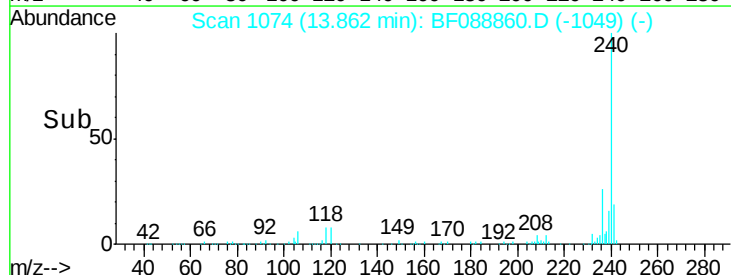
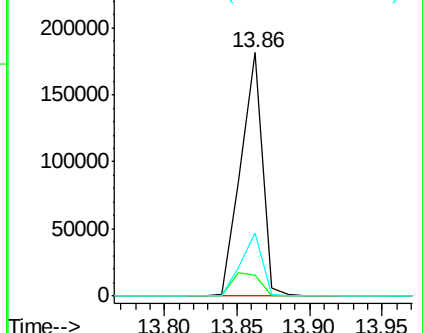


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088860.D
Acq: 9 Jul 2016 8:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	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

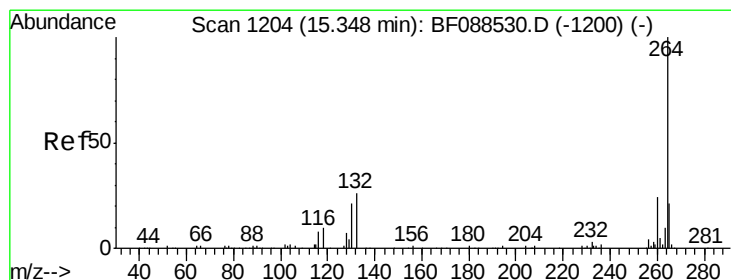
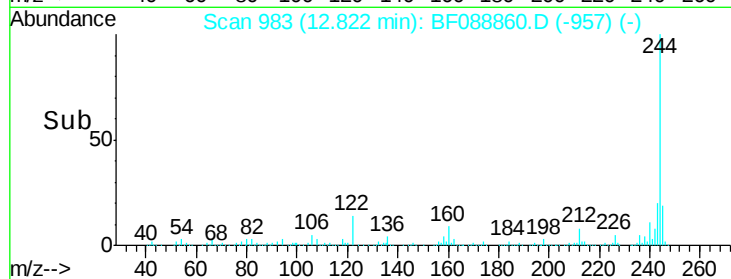
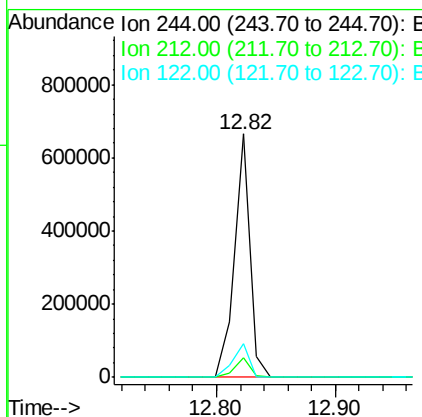
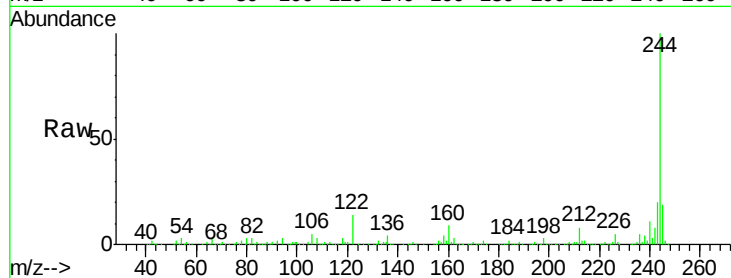




#78
 Terphenyl-d14
 Concen: 70.94 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088860.D
 Acq: 9 Jul 2016 8:31

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-19A

Tot Ion:244 Resp: 602043
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 13.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088860.D
 Acq: 9 Jul 2016 8:31

Tgt Ion:264 Resp: 176083
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 16.9 25.3

