

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088609.D
 Acq On : 2 Jul 2016 8:25
 Operator : UM/SJ
 Sample : H3831-18
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Quant Time: Jul 04 07:38:19 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

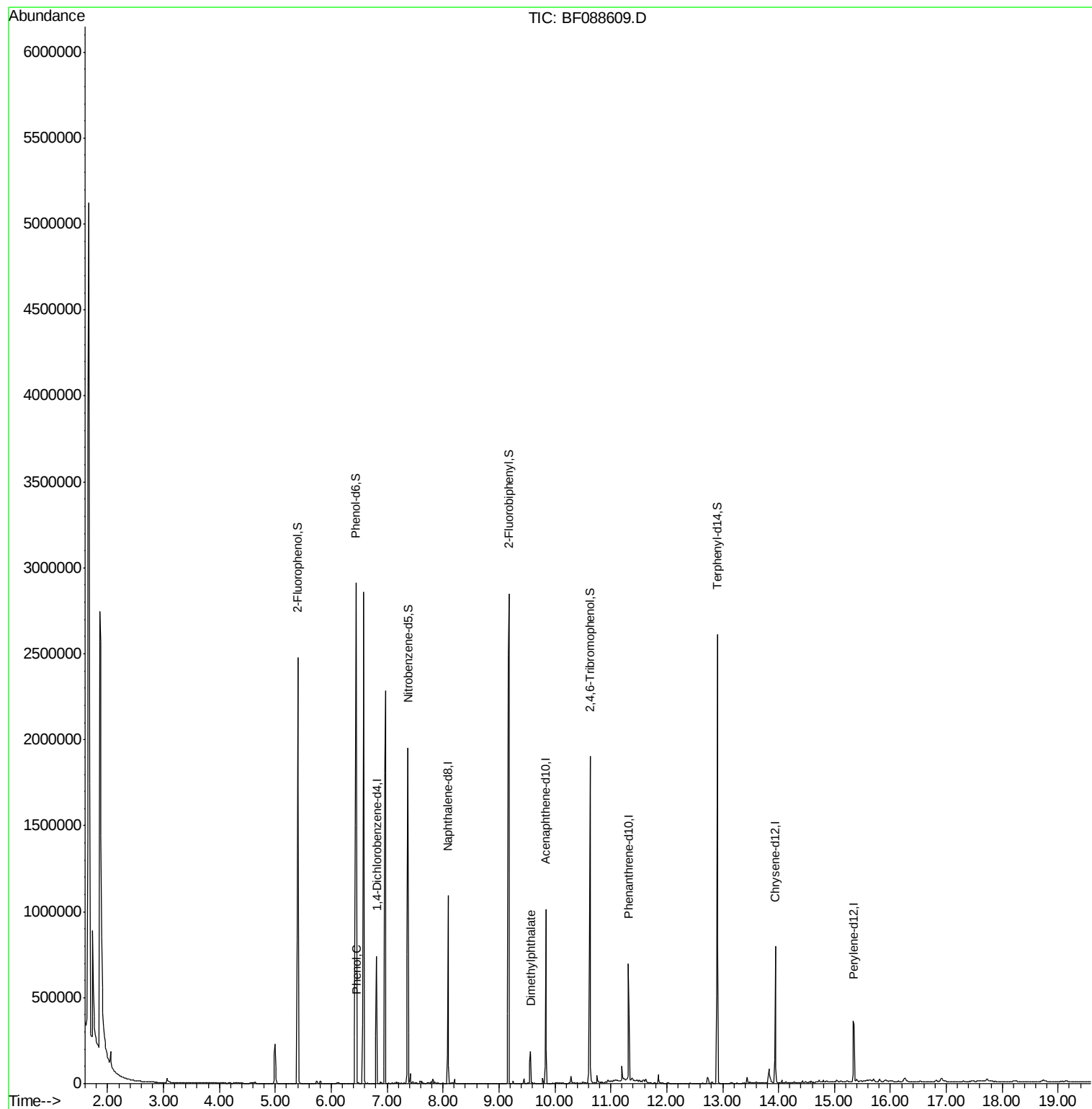
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118998	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	440979	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	186101	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	293020	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	241114	20.00	ng	-0.01
86) Perylene-d12	15.35	264	192544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1039823	130.96	ng	0.00
7) Phenol-d6	6.44	99	1182833	115.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	736208	87.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	217416	125.81	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1332471	113.10	ng	0.00
78) Terphenyl-d14	12.90	244	861684	79.60	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	37820	3.23	ng	98
49) Dimethylphthalate	9.56	163	99906	7.54	ng	98

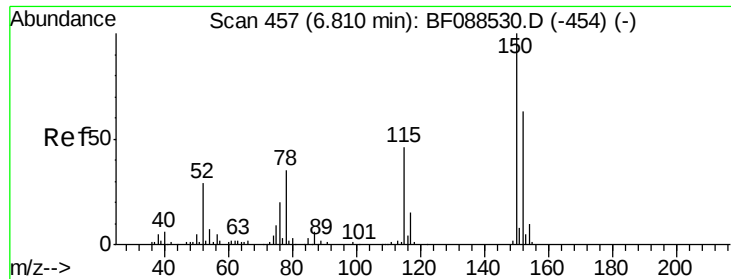
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088609.D

Acq: 2 Jul 2016 8:25

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

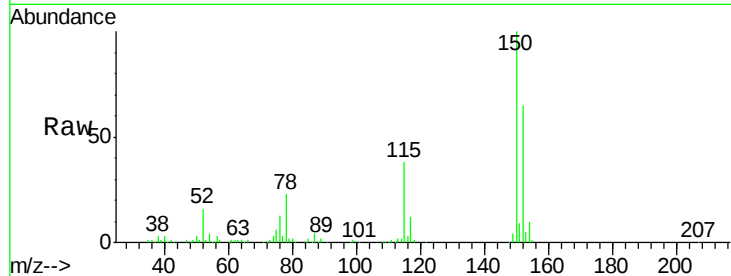
Tgt Ion:152 Resp: 118998

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

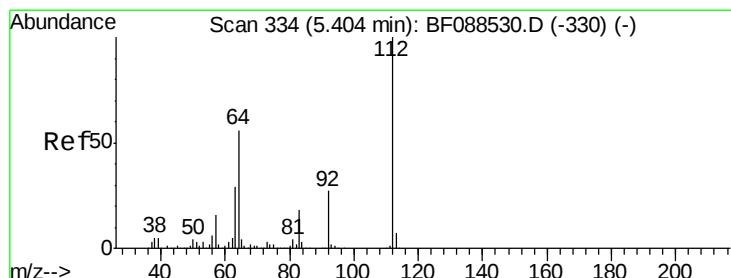
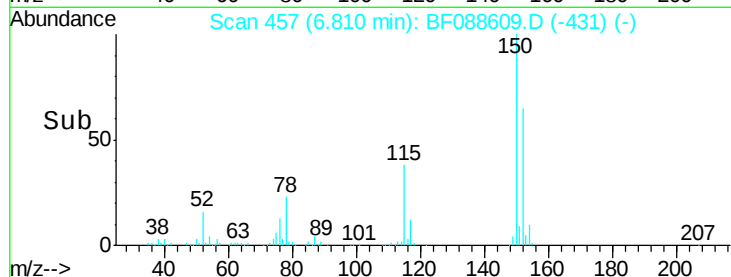
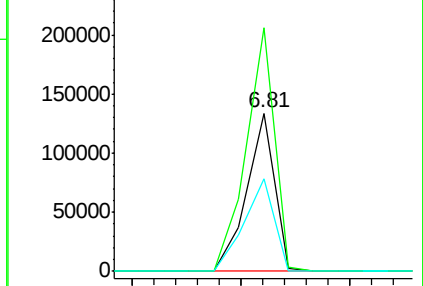
115 58.1 39.6 59.4



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: 130.96 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

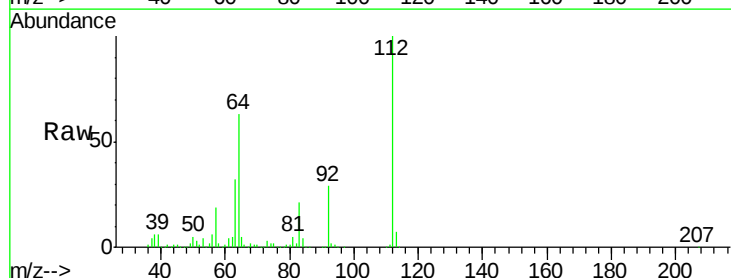
Tgt Ion:112 Resp: 1039823

Ion Ratio Lower Upper

112 100

64 62.5 42.2 63.2

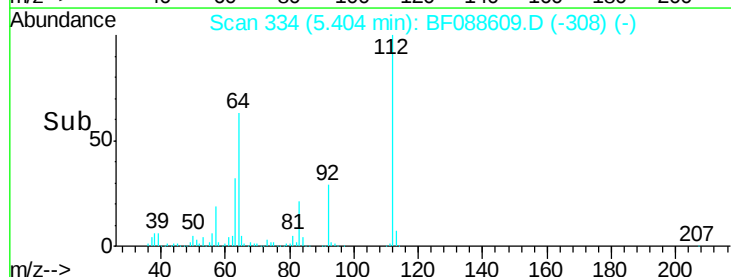
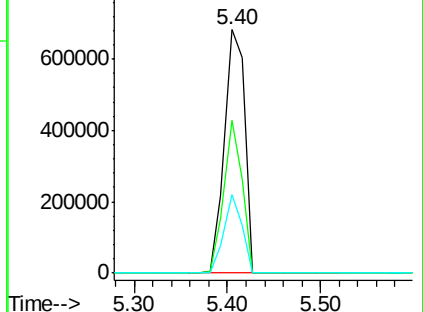
63 32.3 21.8 32.8



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: 115.29 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

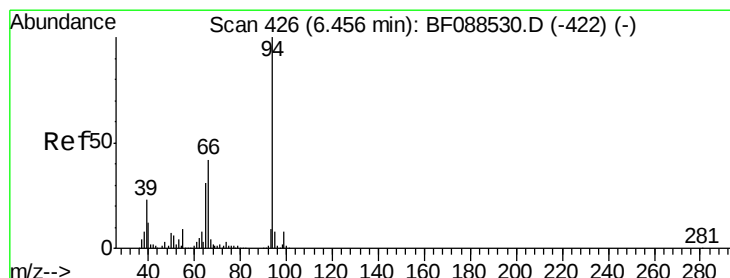
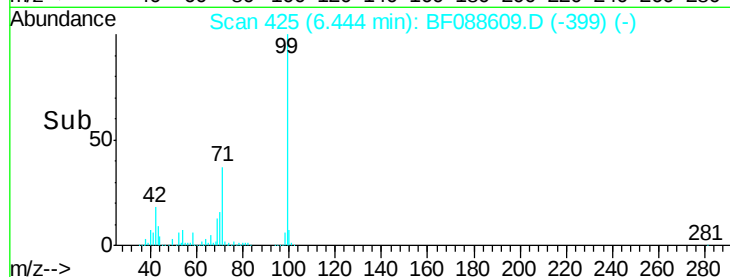
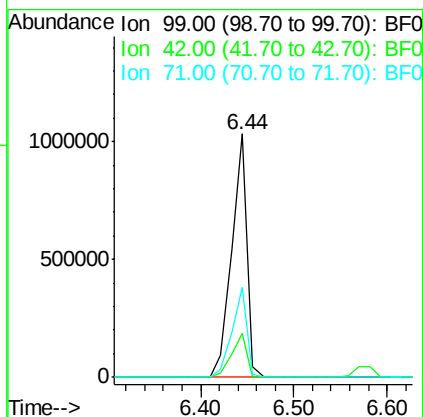
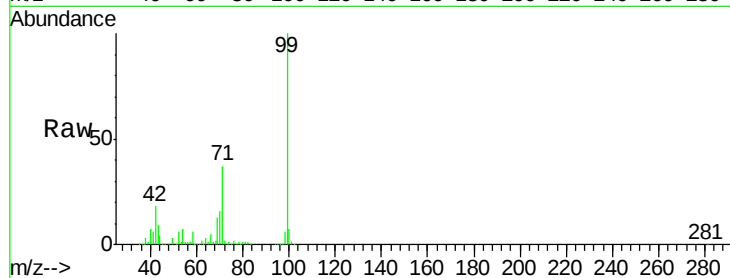
Tgt Ion: 99 Resp: 1182833

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

71 37.0 23.4 35.0#



#10

Phenol

Concen: 3.23 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

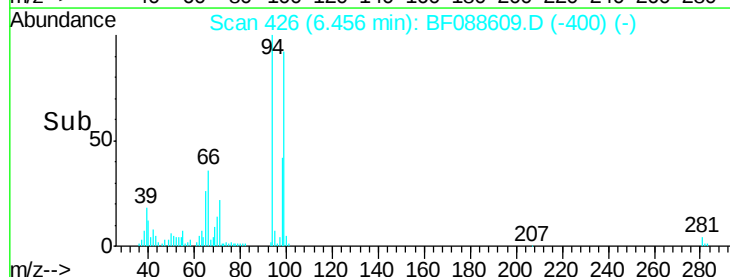
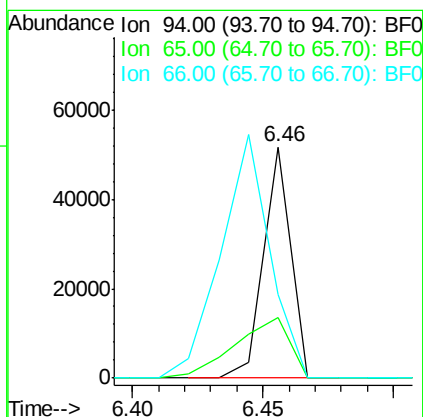
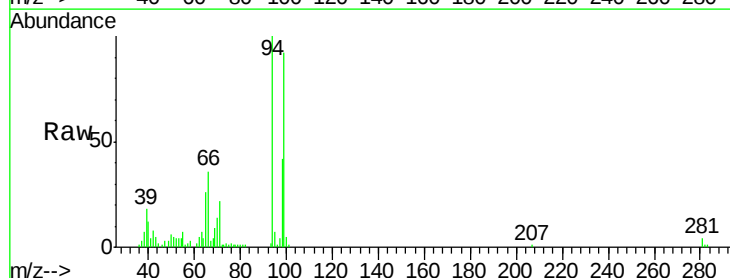
Tgt Ion: 94 Resp: 37820

Ion Ratio Lower Upper

94 100

65 26.0 5.9 45.9

66 36.2 14.0 54.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

Tgt Ion:136 Resp: 440979

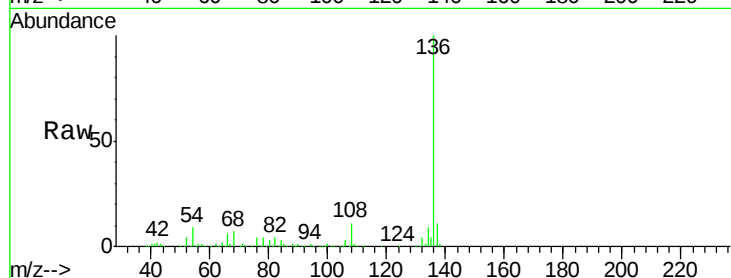
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.6 6.6 10.0

68 7.2 5.1 7.7

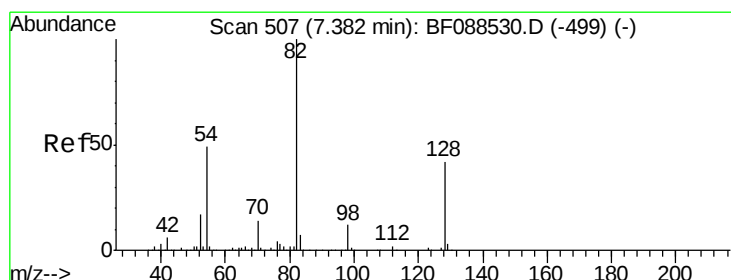
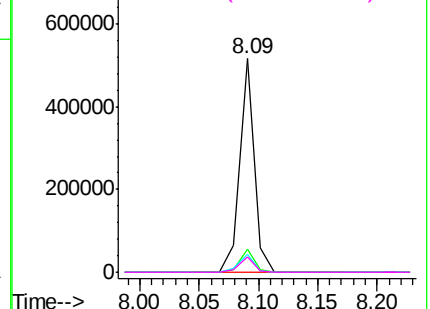
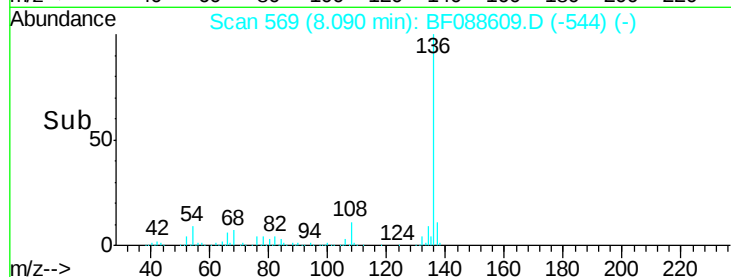


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.49 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

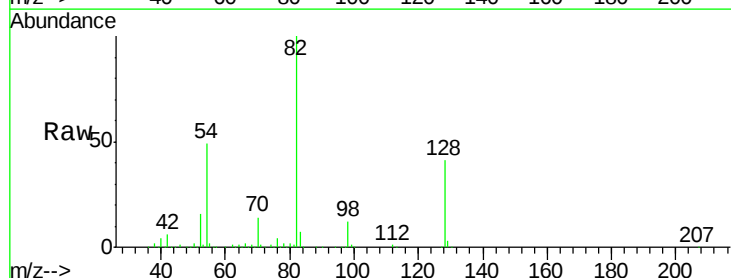
Tgt Ion: 82 Resp: 736208

Ion Ratio Lower Upper

82 100

128 41.2 35.9 53.9

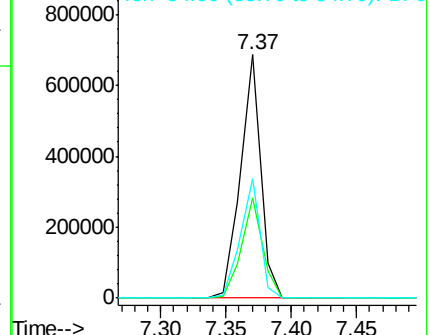
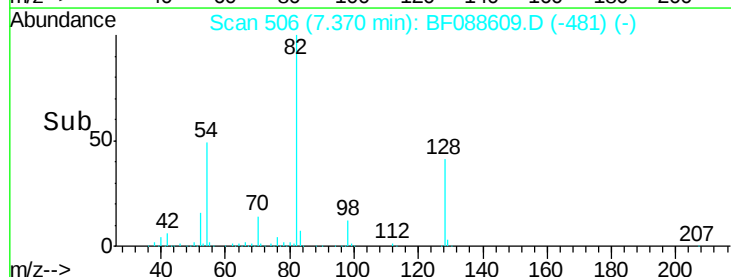
54 49.3 40.9 61.3

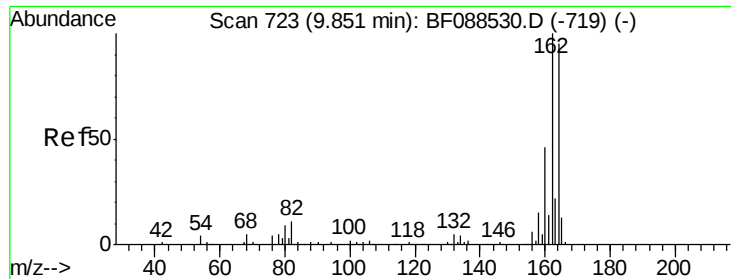


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

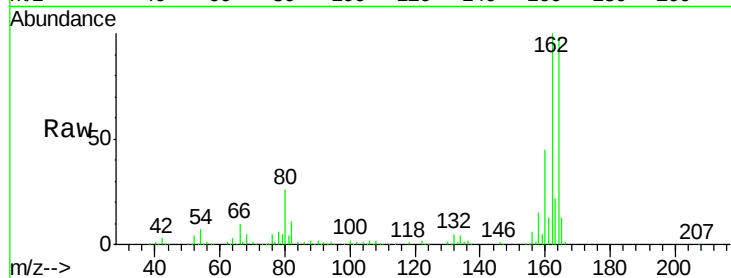




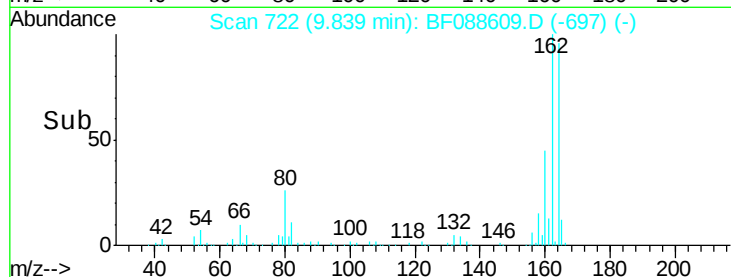
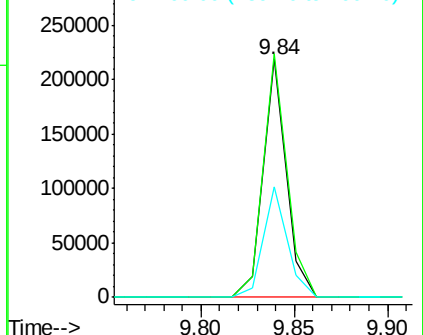
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion:164 Resp: 186101
 Ion Ratio Lower Upper
 164 100
 162 102.3 85.4 128.2
 160 46.4 39.5 59.3

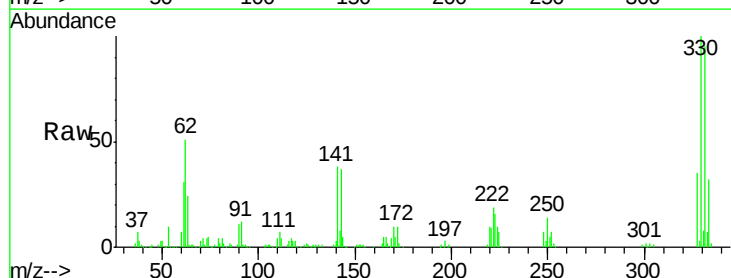


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

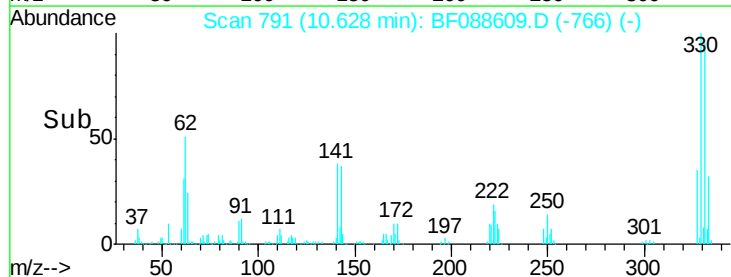
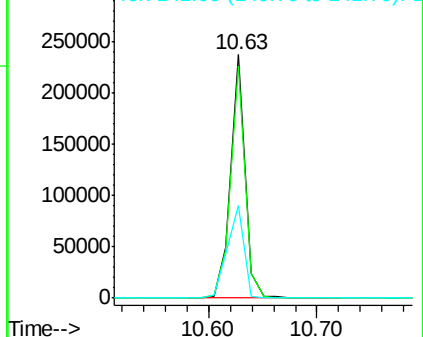


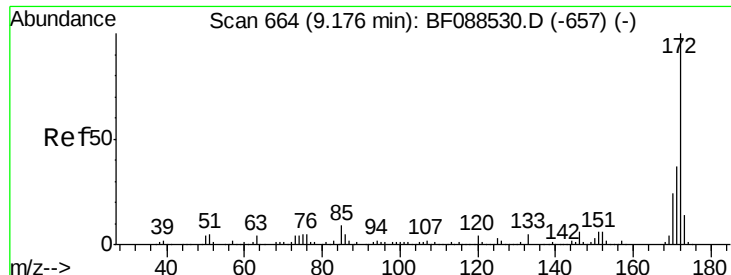
#41
 2,4,6-Tribromophenol
 Concen: 125.81 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Tgt Ion:330 Resp: 217416
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 43.8 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

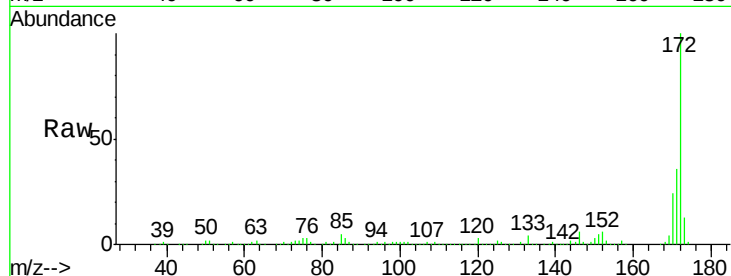




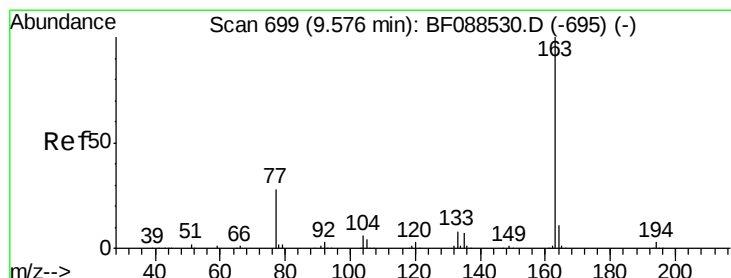
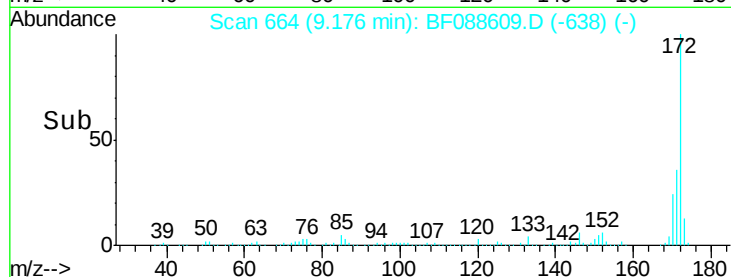
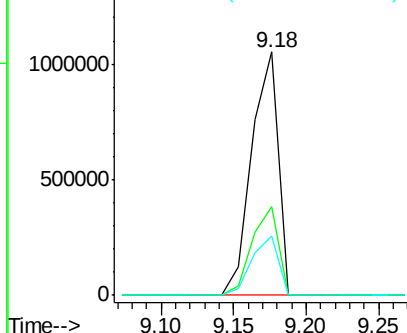
#44
 2-Fluorobiphenyl
 Concen: 113.10 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Instrument :
 BNA_F
 ClientSampled :
 SB-24-COMP

Tgt Ion:172 Resp: 1332471
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.2 19.2 28.8

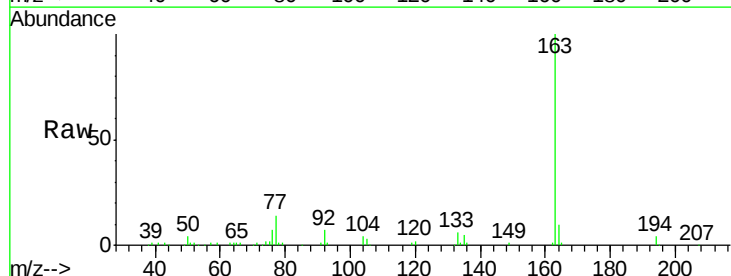


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

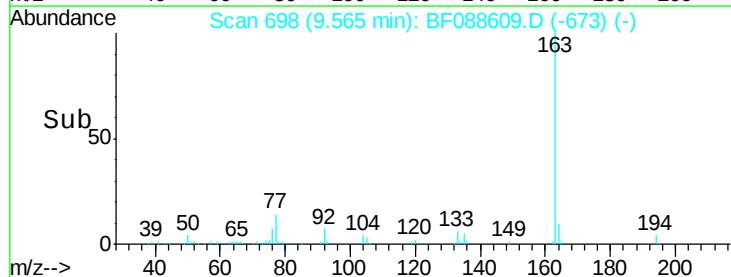
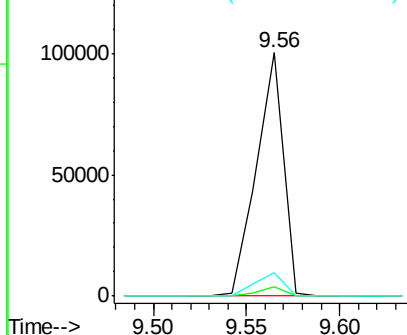


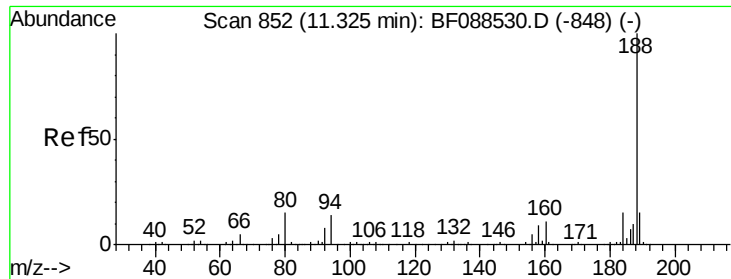
#49
 Dimethylphthalate
 Concen: 7.54 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Tgt Ion:163 Resp: 99906
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.6 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

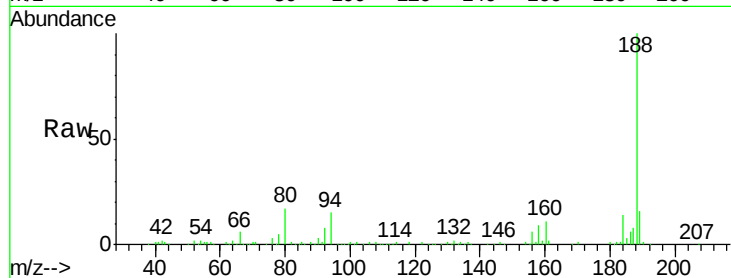




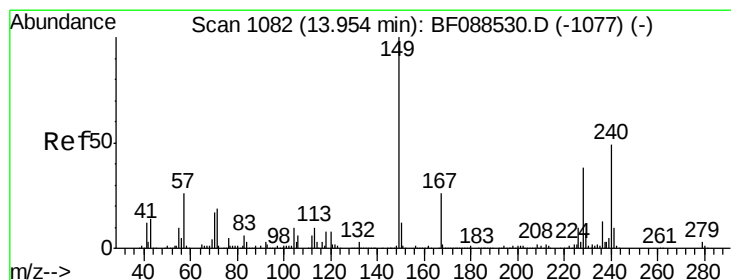
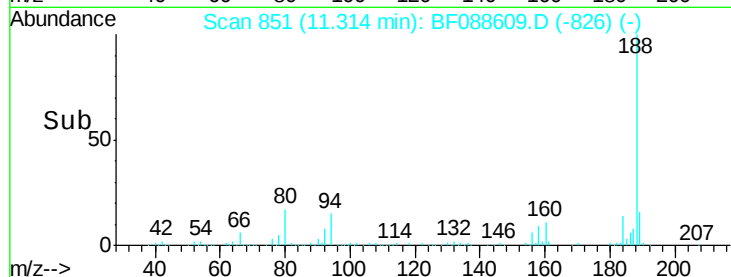
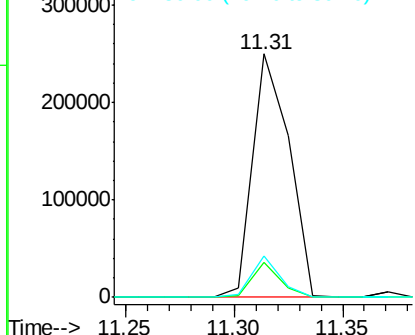
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088609.D
Acq: 2 Jul 2016 8:25

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:188 Resp: 293020
Ion Ratio Lower Upper
188 100
94 14.6 9.0 13.6#
80 17.0 10.0 15.0#

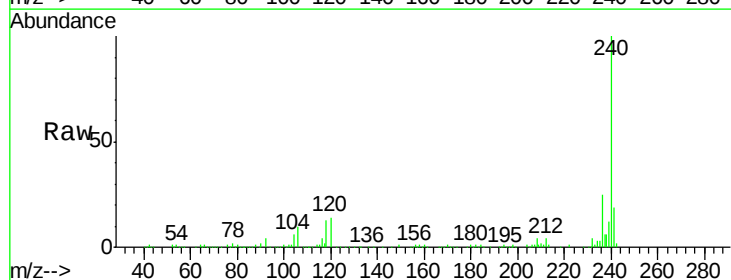


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

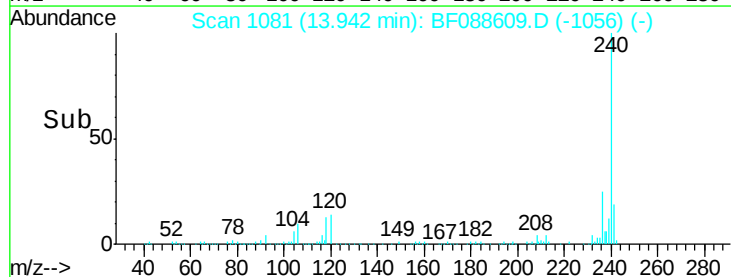
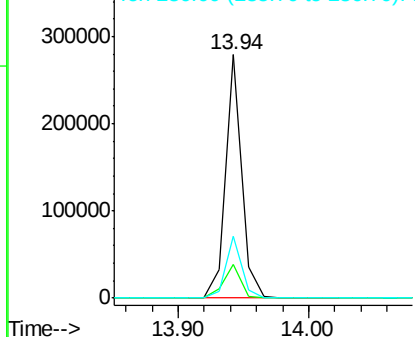


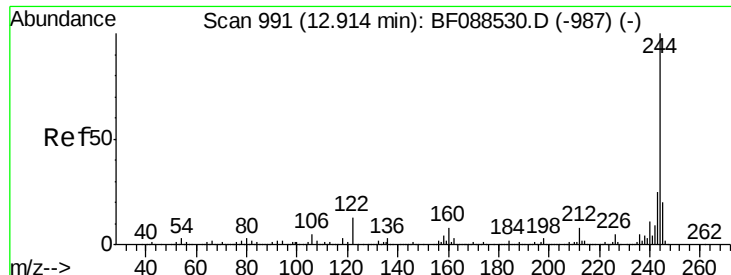
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088609.D
Acq: 2 Jul 2016 8:25

Tgt Ion:240 Resp: 241114
Ion Ratio Lower Upper
240 100
120 13.8 6.8 10.2#
236 25.3 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

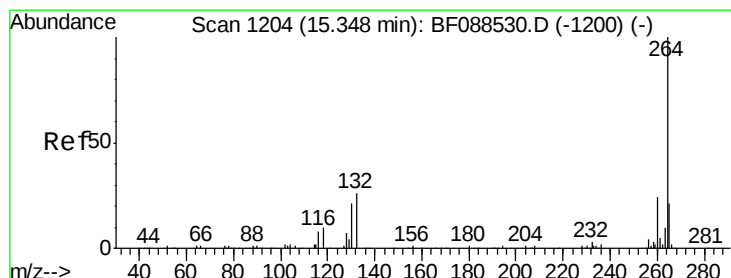
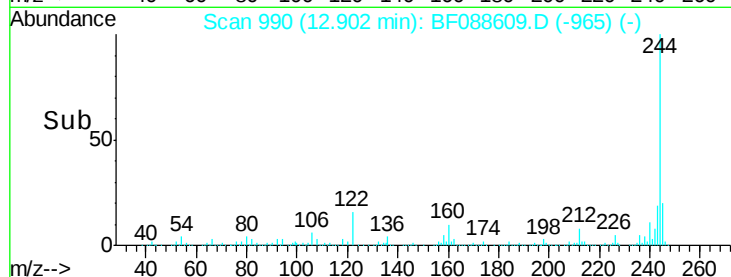
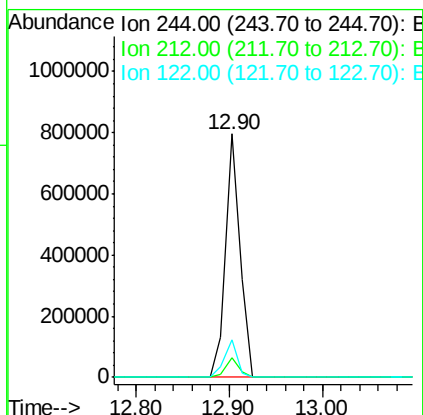
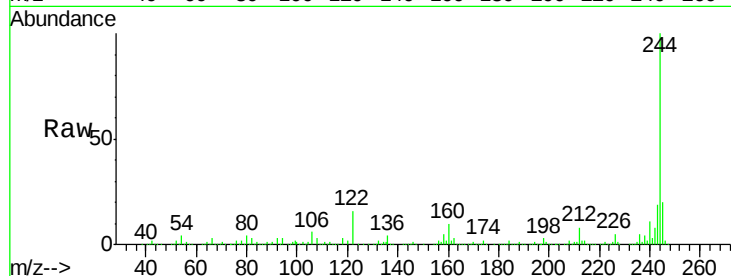




#78
 Terphenyl-d14
 Concen: 79.60 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion:244 Resp: 861684
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 15.7 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: BF088609.D
 Acq: 2 Jul 2016 8:25

Tgt Ion:264 Resp: 192544
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 16.9 25.3

