

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088752.D
 Acq On : 6 Jul 2016 23:56
 Operator : UM/SJ
 Sample : H3878-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-09

Quant Time: Jul 07 01:47:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

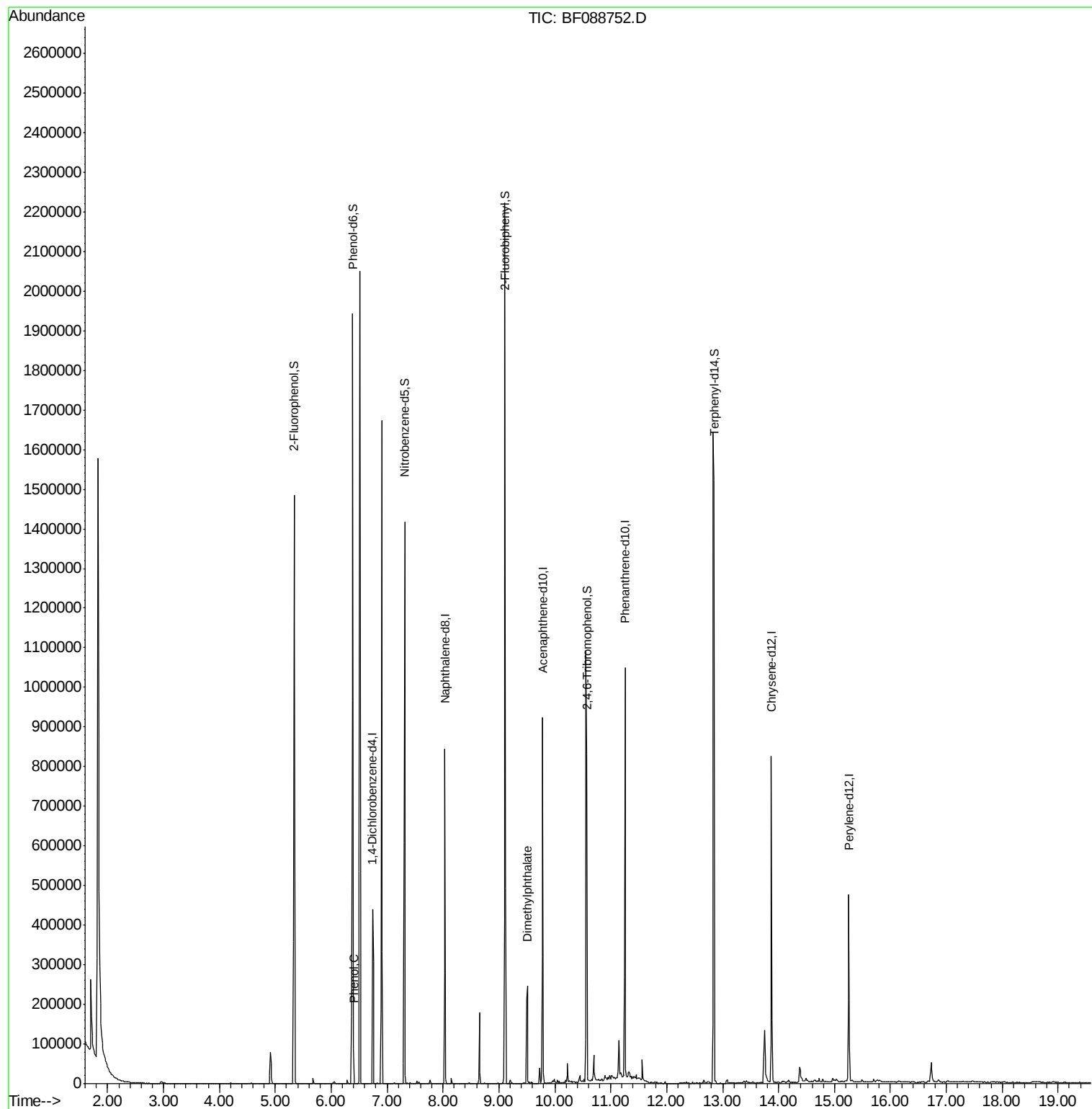
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	85366	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	388865	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	184589	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	353940	20.00	ng	0.00
75) Chrysene-d12	13.87	240	251813	20.00	ng	-0.01
86) Perylene-d12	15.26	264	197650	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	619264	108.72	ng	0.00
7) Phenol-d6	6.39	99	771903	104.88	ng	0.00
23) Nitrobenzene-d5	7.31	82	510990	68.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	189279	110.42	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	714046	61.10	ng	-0.01
78) Terphenyl-d14	12.85	244	754174	66.71	ng	0.00
Target Compounds						
10) Phenol	6.40	94	18226	2.17	ng	99
49) Dimethylphthalate	9.51	163	147112	11.19	ng	97

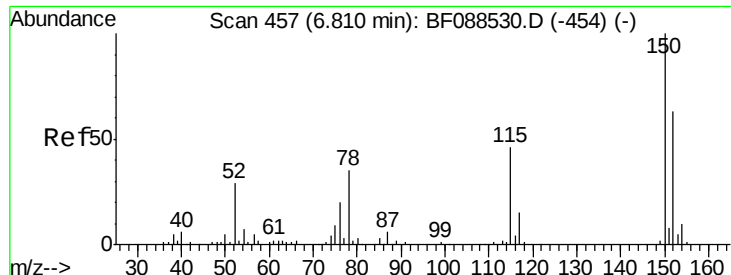
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

Instrument :

BNA_F

ClientSampleId :

C2.1-09

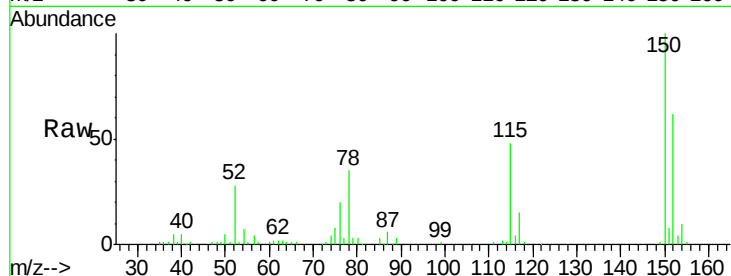
Tot Ion:152 Resp: 85366

Ion Ratio Lower Upper

152 100

150 160.6 123.8 185.6

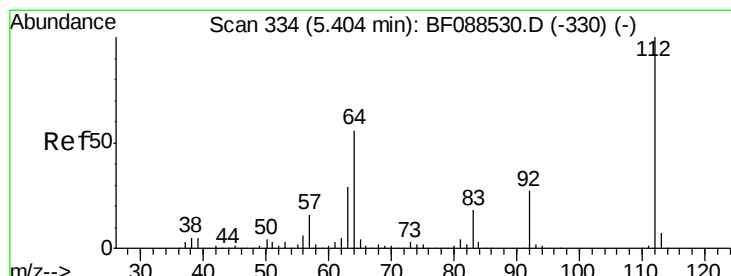
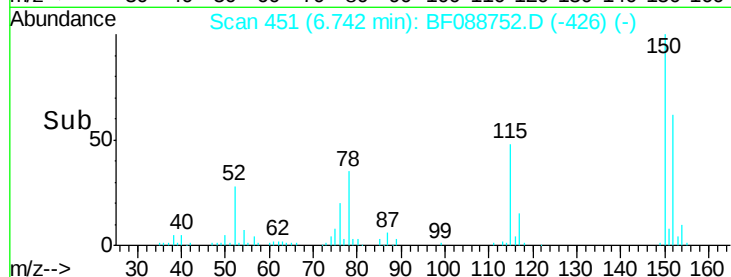
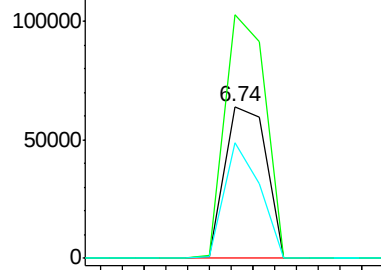
115 76.6 39.6 59.4#



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: 108.72 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

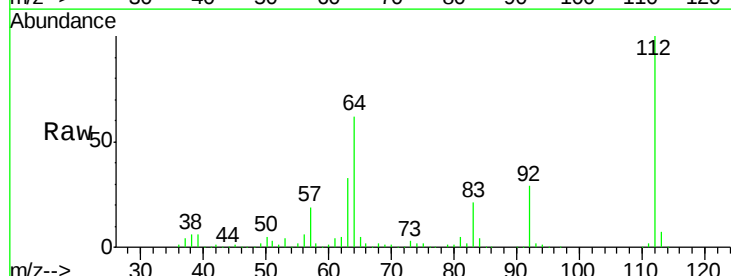
Tgt Ion:112 Resp: 619264

Ion Ratio Lower Upper

112 100

64 62.5 42.2 63.2

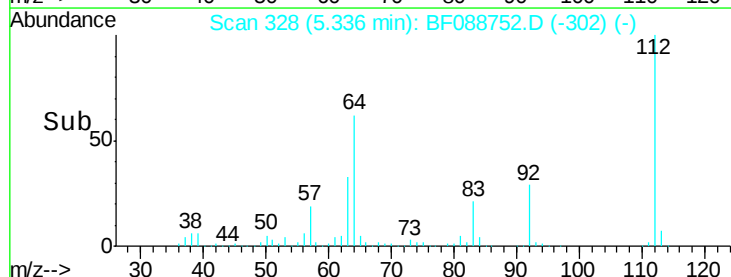
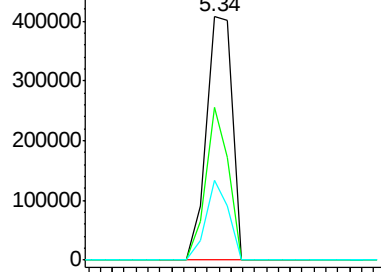
63 33.0 21.8 32.8#

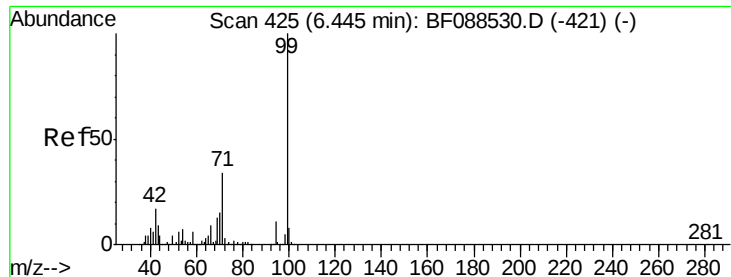


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.88 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

Instrument :

BNA_F

ClientSampleId :

C2.1-09

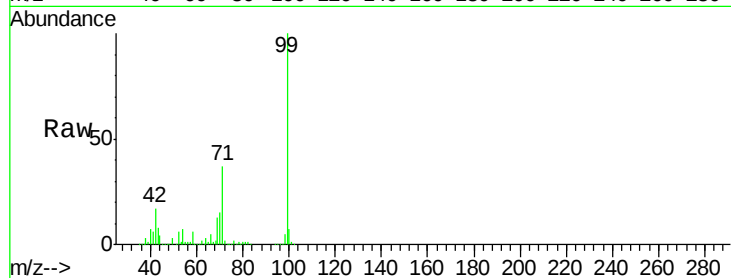
Tot Ion: 99 Resp: 771903

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

71 37.5 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

6.39

800000

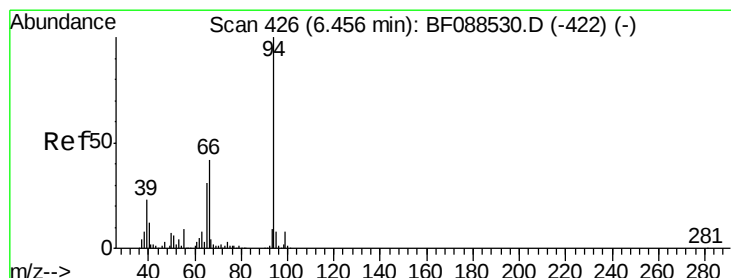
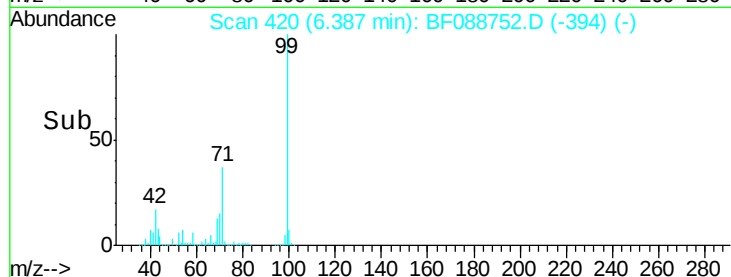
600000

400000

200000

0

Time-->



#10

Phenol

Concen: 2.17 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

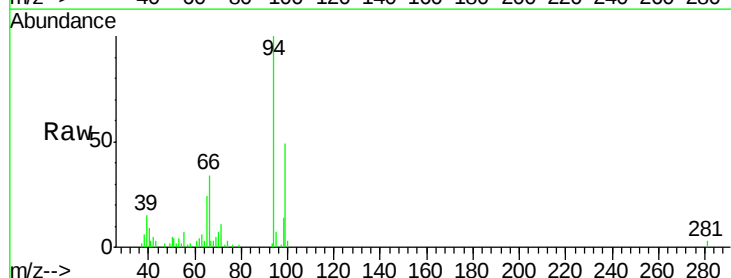
Tgt Ion: 94 Resp: 18226

Ion Ratio Lower Upper

94 100

65 24.3 5.9 45.9

66 34.0 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

40000

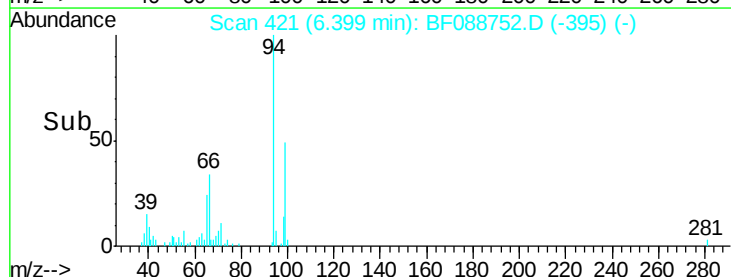
30000

20000

10000

0

Time-->



6.35

6.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

Instrument :

BNA_F

ClientSampleId :

C2.1-09

Tot Ion:136 Resp: 388865

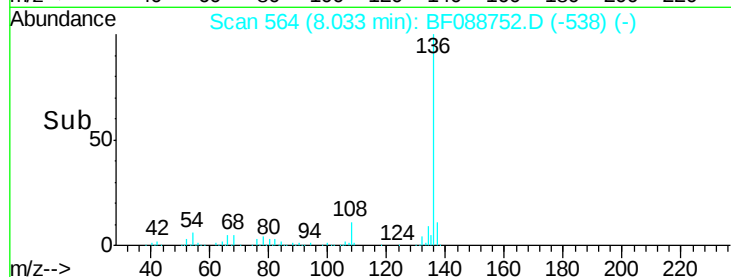
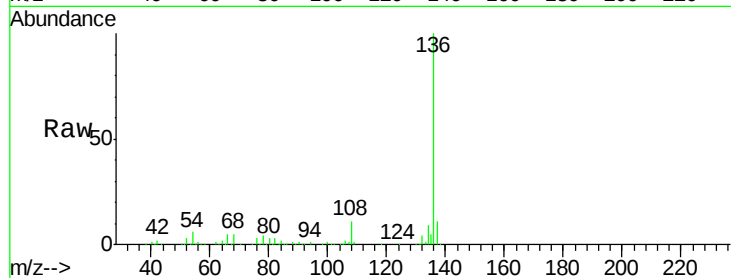
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.3 6.6 10.0#

68 5.3 5.1 7.7

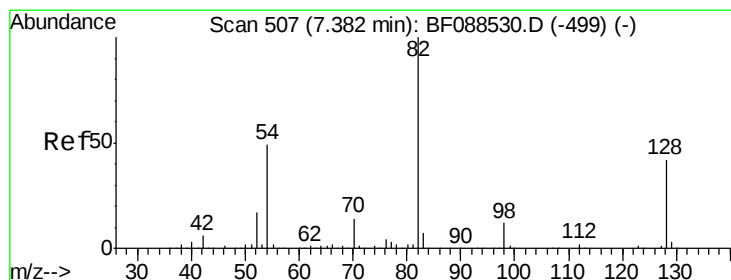
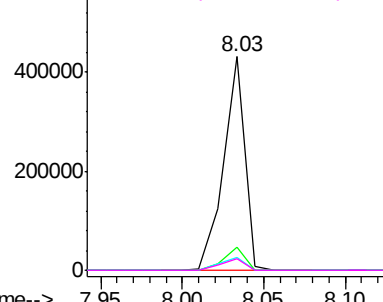


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.86 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

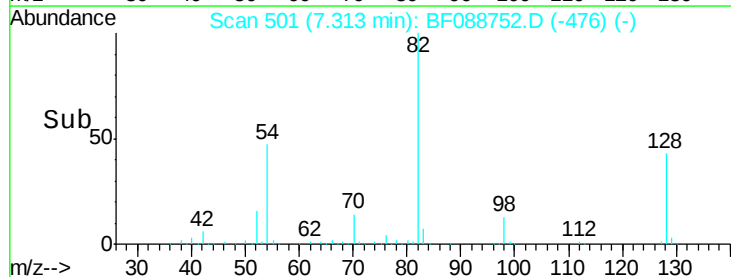
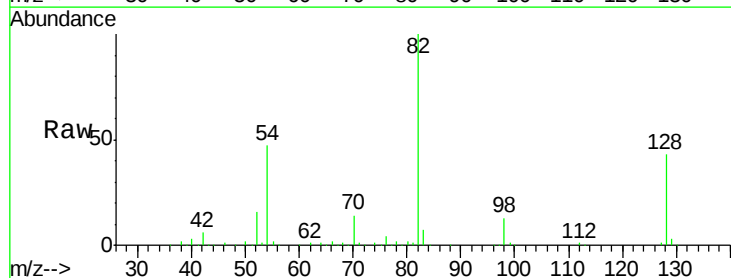
Tgt Ion: 82 Resp: 510990

Ion Ratio Lower Upper

82 100

128 43.0 35.9 53.9

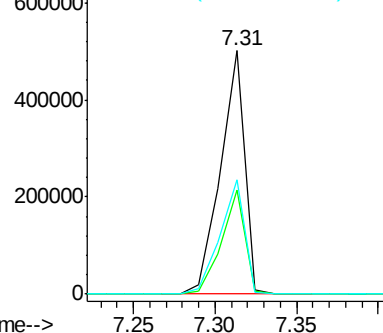
54 47.1 40.9 61.3

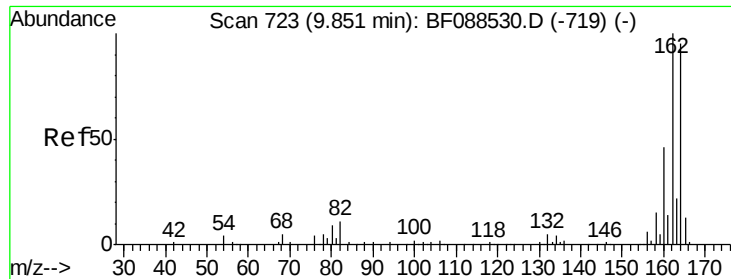


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

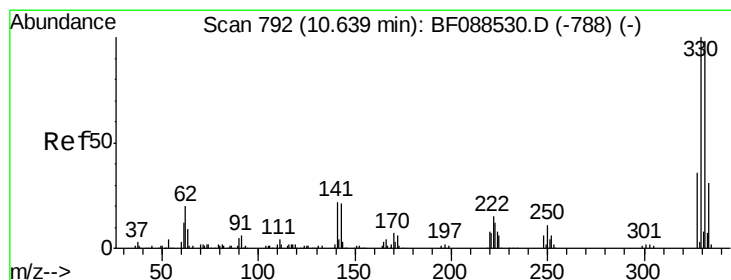
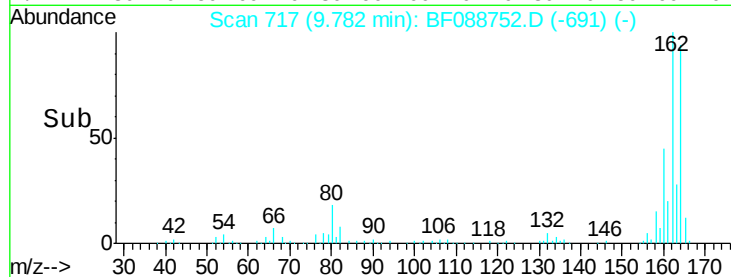
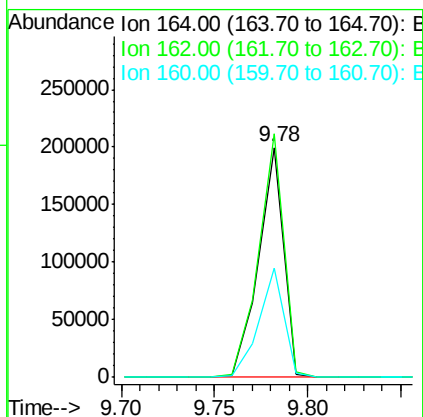
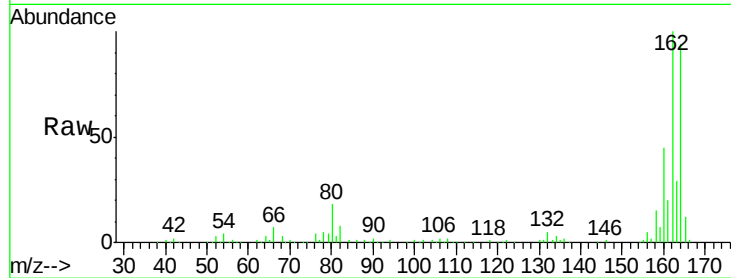




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

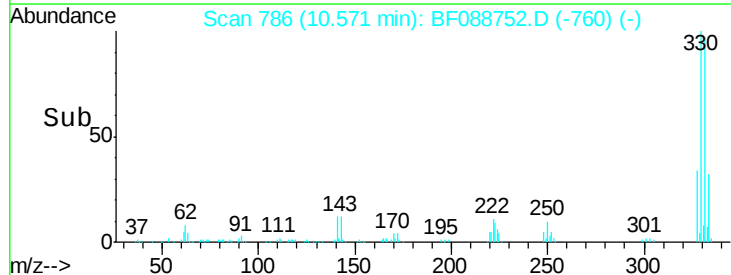
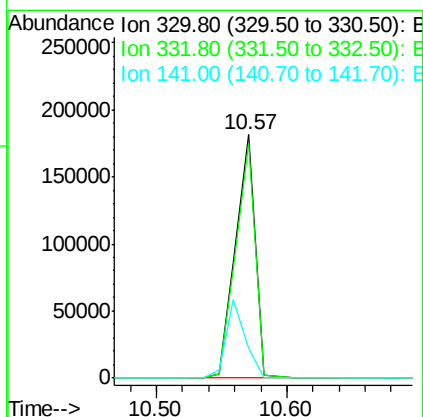
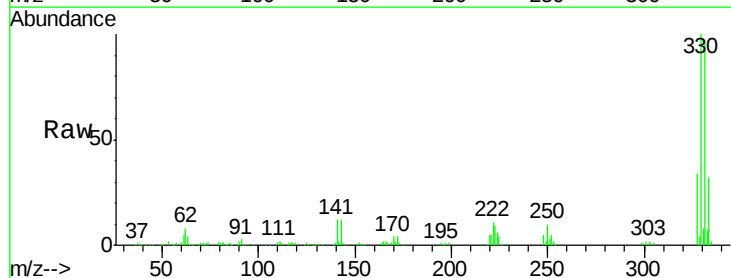
Instrument :
 BNA_F
 ClientSampled :
 C2.1-09

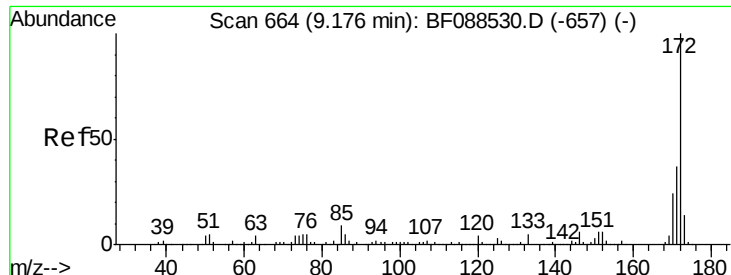
Tot Ion:164 Resp: 184589
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.4 128.2
 160 47.8 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 110.42 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

Tgt Ion:330 Resp: 189279
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 31.7 0.0 0.0#

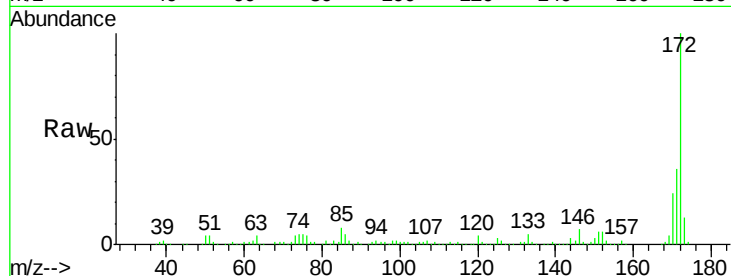




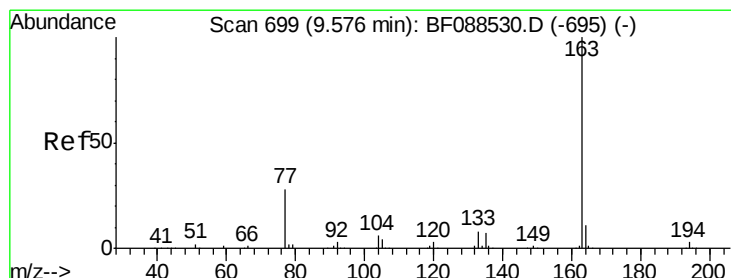
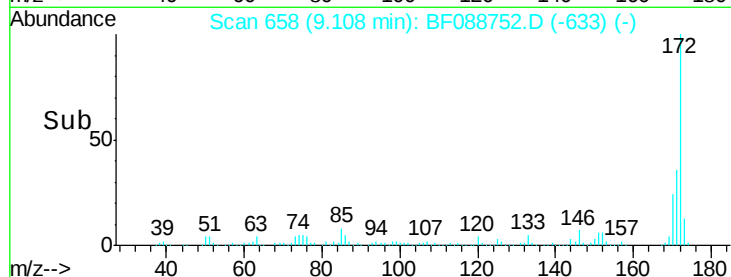
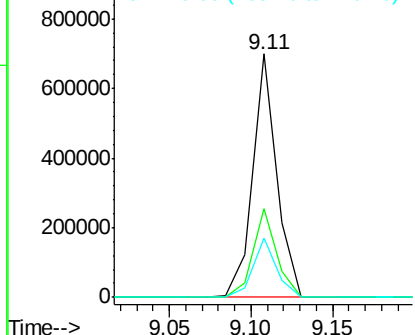
#44
2-Fluorobiphenyl
Concen: 61.10 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088752.D
Acq: 6 Jul 2016 23:56

Instrument :
BNA_F
ClientSampled :
C2.1-09

Tot Ion:172 Resp: 714046
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.4 19.2 28.8

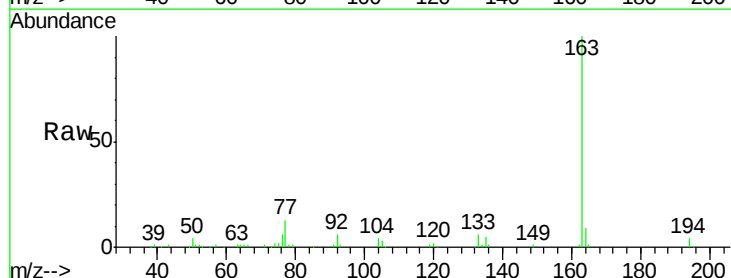


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

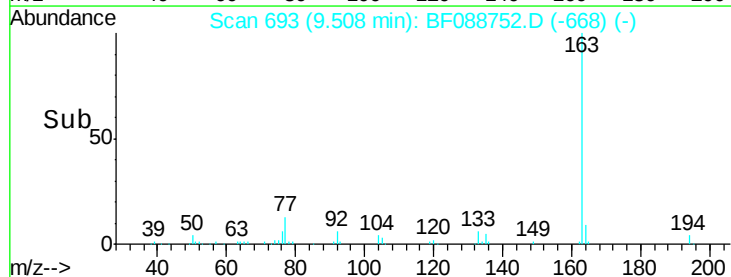
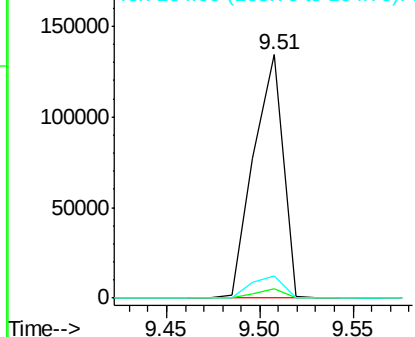


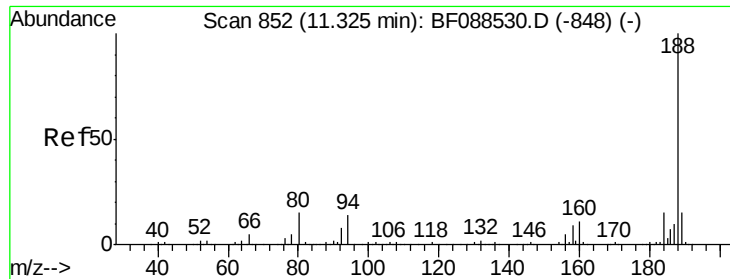
#49
Dimethylphthalate
Concen: 11.19 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088752.D
Acq: 6 Jul 2016 23:56

Tgt Ion:163 Resp: 147112
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.2 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

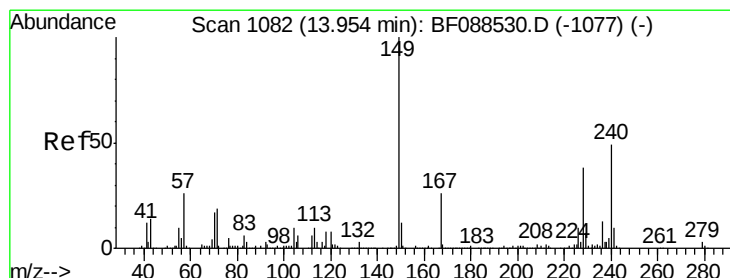
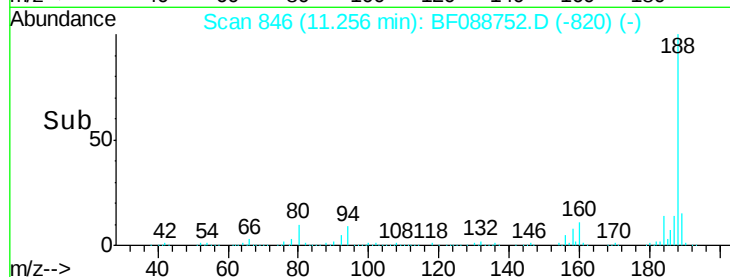
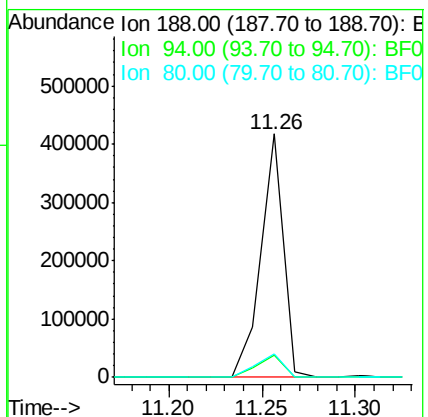
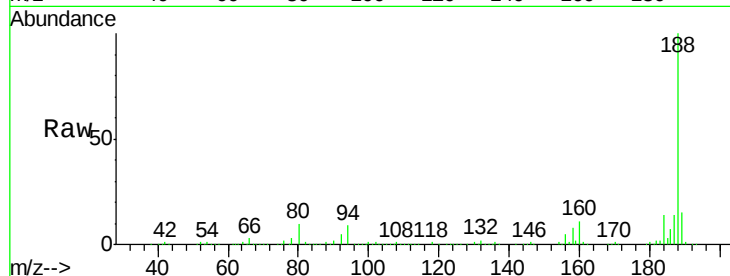




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088752.D
Acq: 6 Jul 2016 23:56

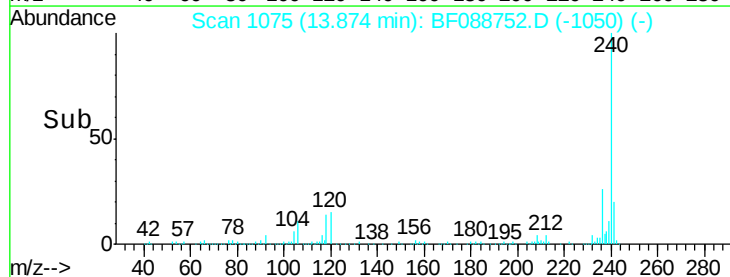
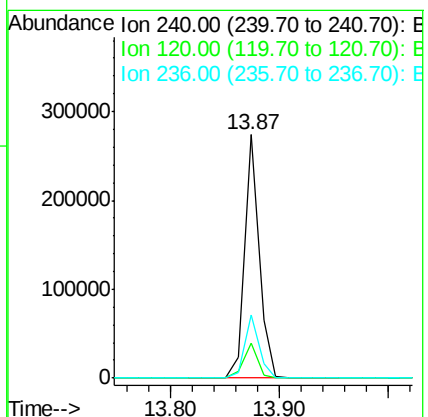
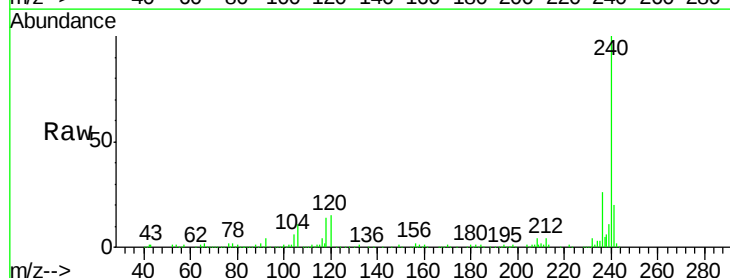
Instrument :
BNA_F
ClientSampleID :
C2.1-09

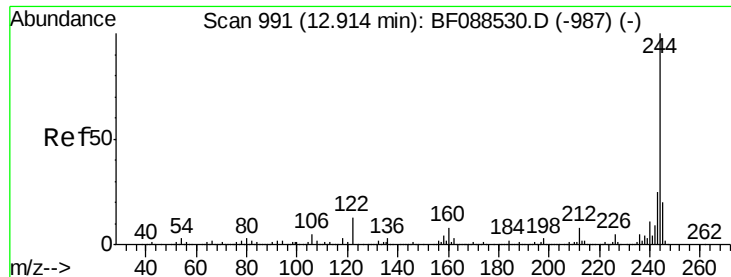
Tot Ion:188 Resp: 353940
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.6#
80 9.8 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF088752.D
Acq: 6 Jul 2016 23:56

Tgt Ion:240 Resp: 251813
Ion Ratio Lower Upper
240 100
120 14.5 6.8 10.2#
236 25.8 20.2 30.2

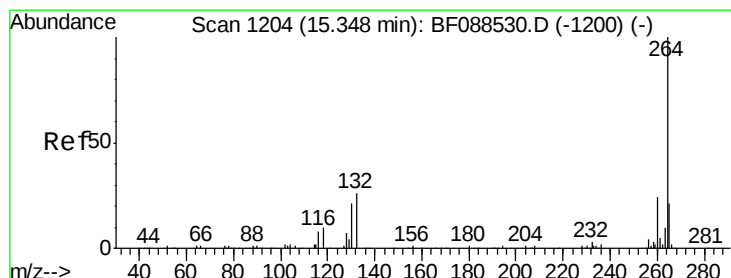
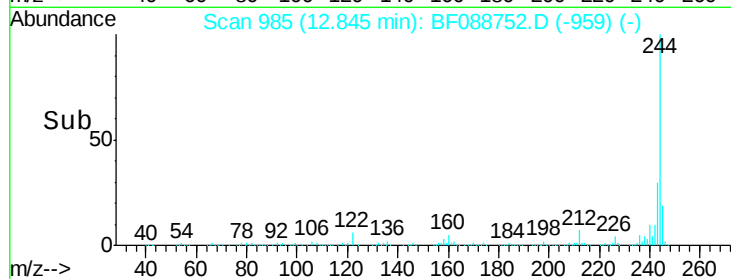
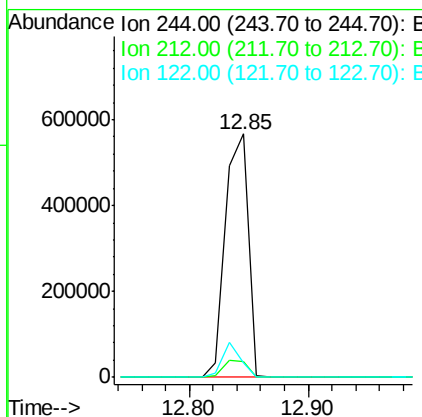
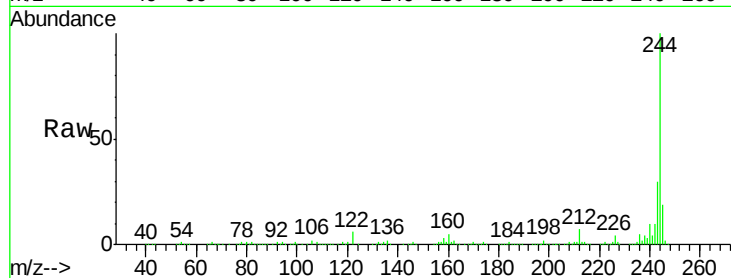




#78
 Terphenyl-d14
 Concen: 66.71 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-09

Tot Ion:244 Resp: 754174
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 6.1 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

Tgt Ion:264 Resp: 197650
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 16.9 25.3

