

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088684.D
 Acq On : 4 Jul 2016 9:42
 Operator : UM/SJ
 Sample : H3849-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F11-B1(0-11)C

Quant Time: Jul 05 01:16:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 01:06:52 2016
 Response via : Initial Calibration

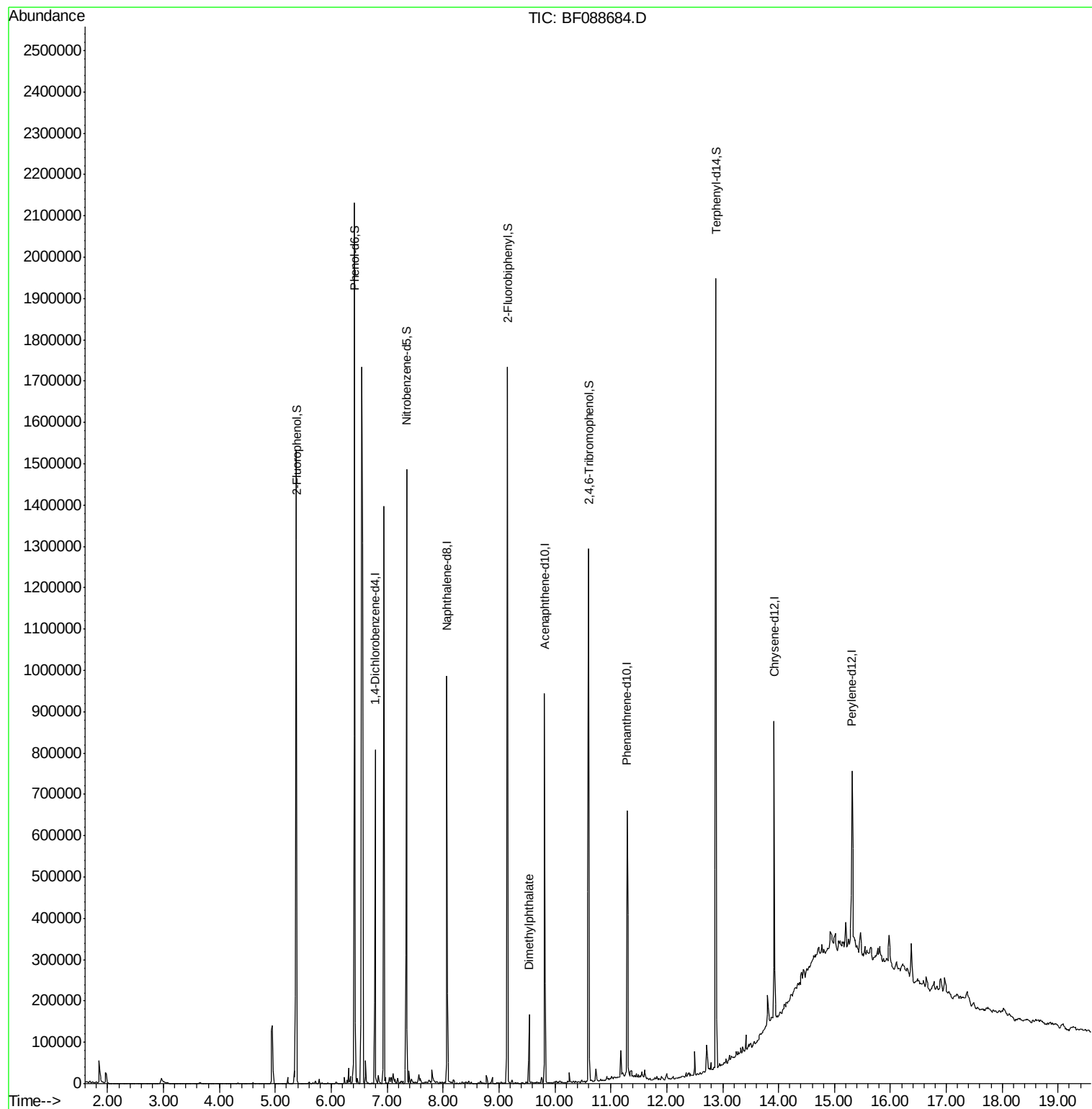
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115038	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	402033	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	172301	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	279943	20.00	ng	0.00
75) Chrysene-d12	13.92	240	215776	20.00	ng	0.00
86) Perylene-d12	15.31	264	191118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	628118	81.83	ng	0.01
7) Phenol-d6	6.42	99	772121	77.85	ng	0.00
23) Nitrobenzene-d5	7.35	82	466423	60.80	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	144508	90.32	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	819525	75.13	ng	0.00
78) Terphenyl-d14	12.88	244	532441	54.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	71470	5.82	ng	Qvalue 98

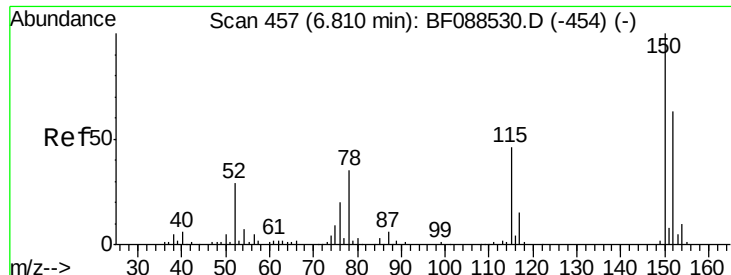
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

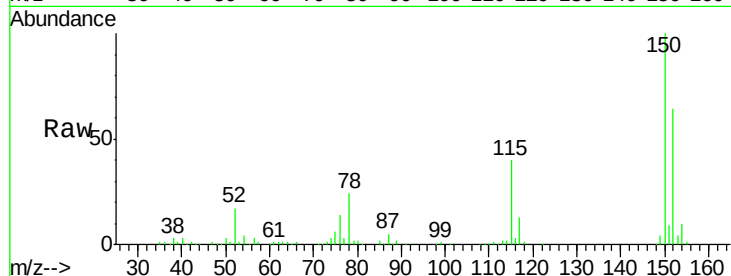
Tot Ion:152 Resp: 115038

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

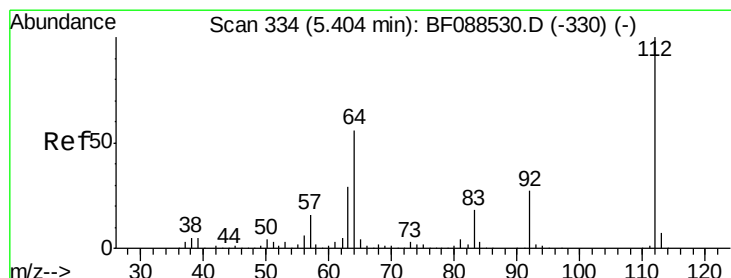
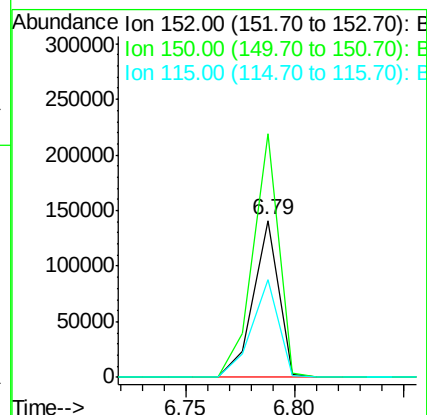
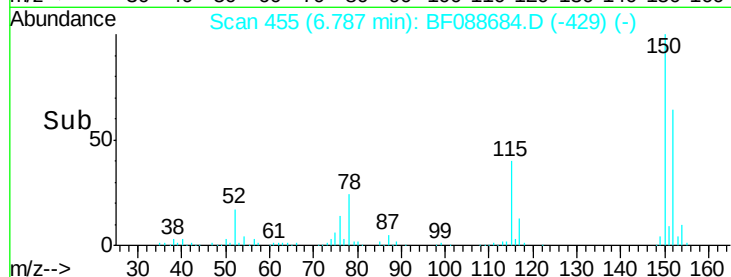
115 62.4 39.6 59.4#



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: 81.83 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

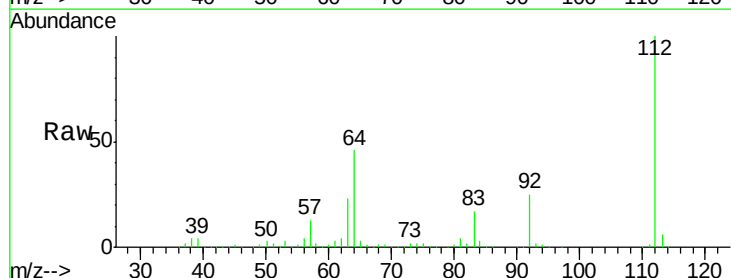
Tgt Ion:112 Resp: 628118

Ion Ratio Lower Upper

112 100

64 46.0 42.2 63.2

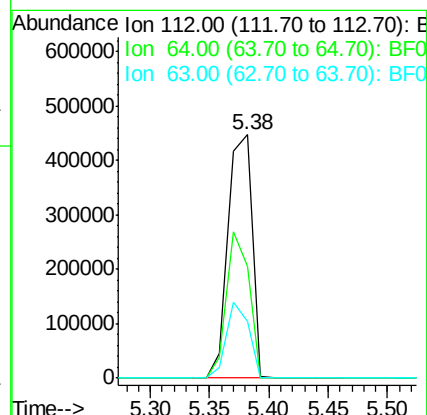
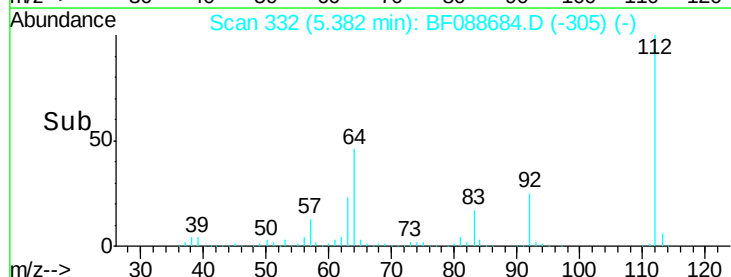
63 23.1 21.8 32.8

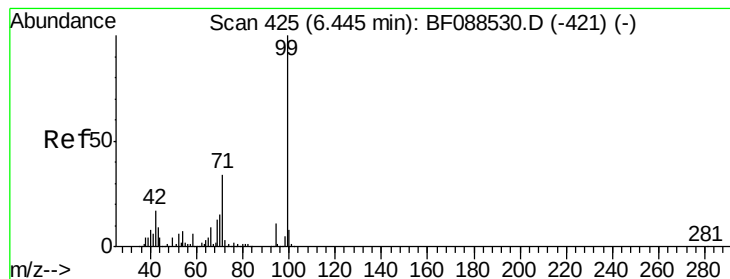


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 77.85 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

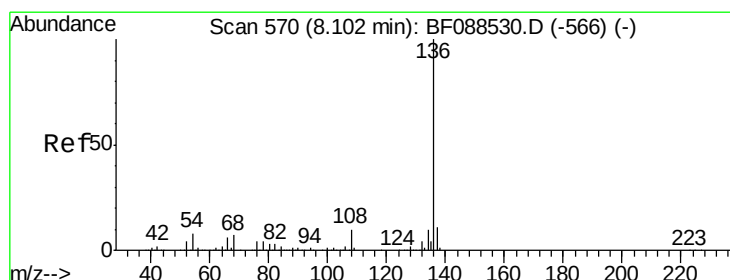
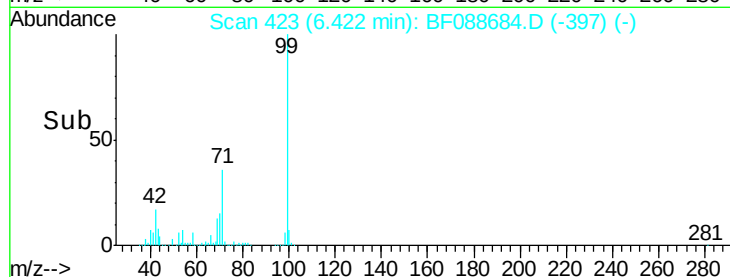
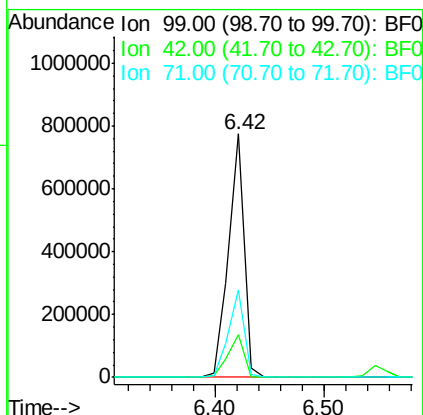
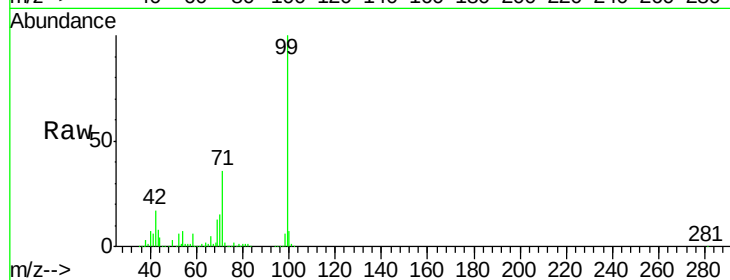
Tot Ion: 99 Resp: 772121

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 35.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Tgt Ion: 136 Resp: 402033

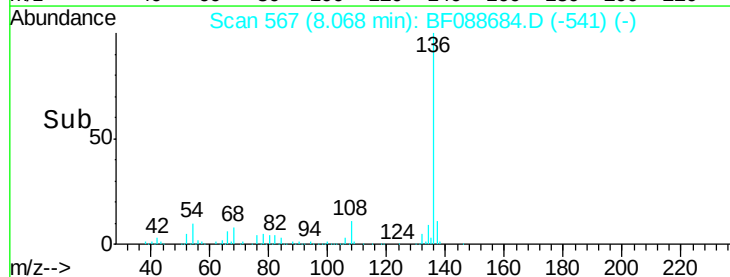
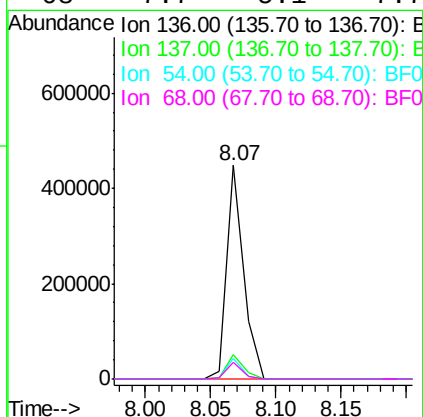
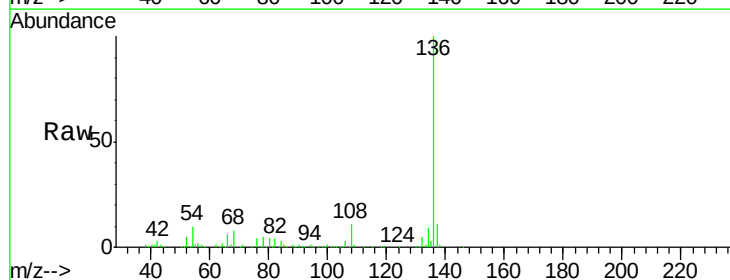
Ion Ratio Lower Upper

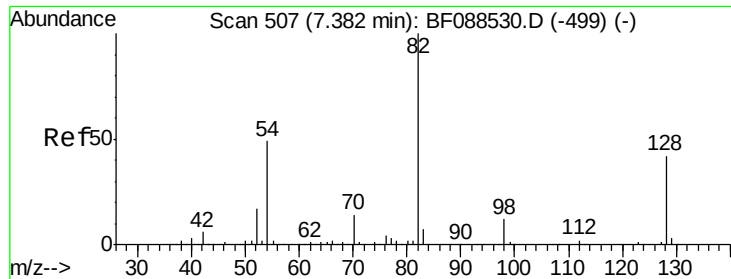
136 100

137 11.4 9.1 13.7

54 9.7 6.6 10.0

68 7.7 5.1 7.7#

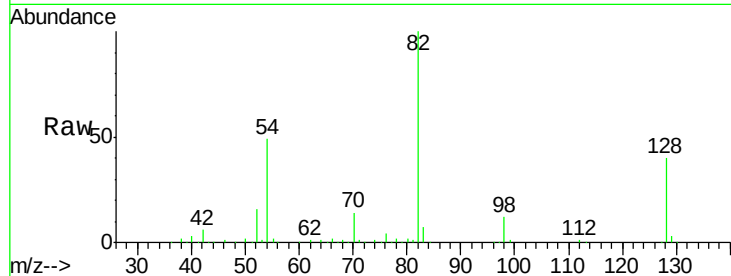




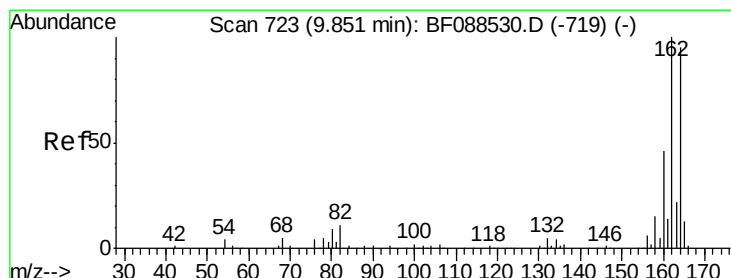
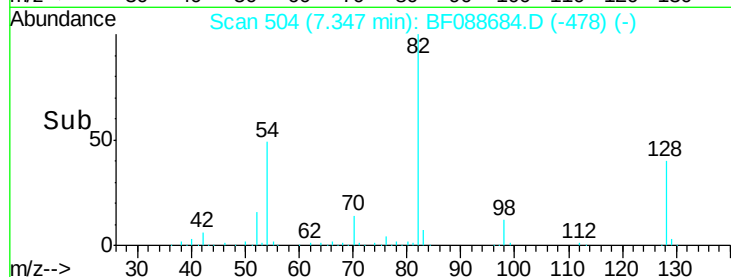
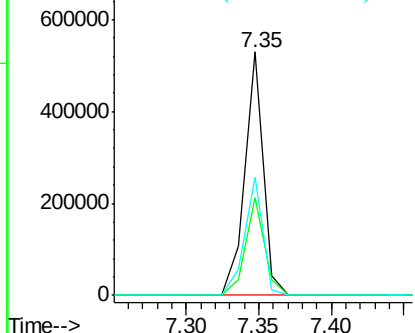
#23
Nitrobenzene-d5
Concen: 60.80 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF088684.D
Acq: 4 Jul 2016 9:42

Instrument :
BNA_F
ClientSampleId :
F11-B1(0-11)C

Tot Ion: 82 Resp: 466423
Ion Ratio Lower Upper
82 100
128 40.1 35.9 53.9
54 48.7 40.9 61.3

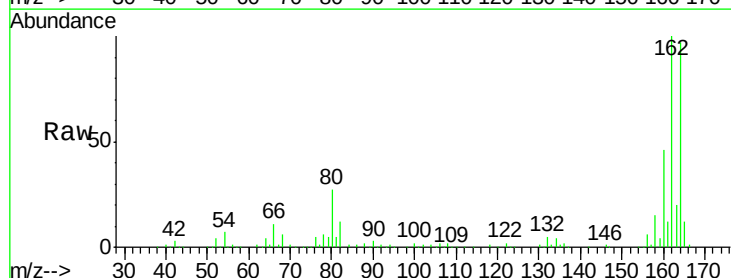


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

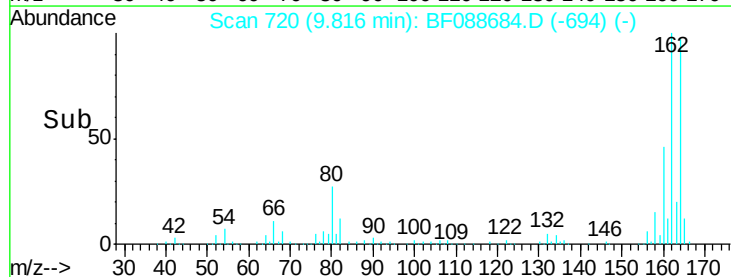
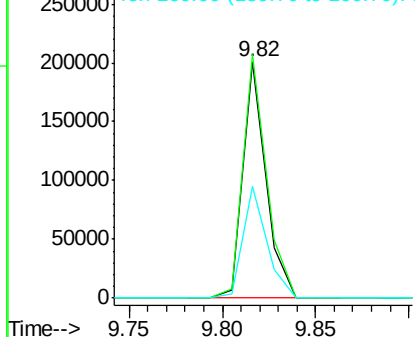


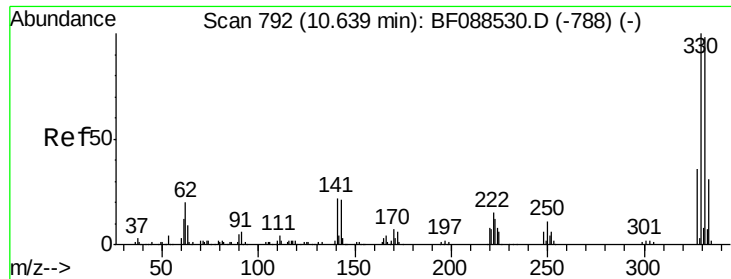
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088684.D
Acq: 4 Jul 2016 9:42

Tgt Ion:164 Resp: 172301
Ion Ratio Lower Upper
164 100
162 103.1 85.4 128.2
160 47.1 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

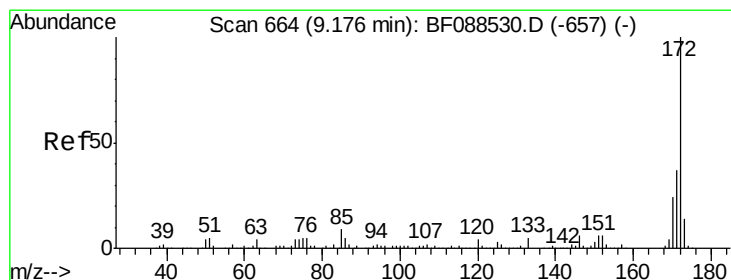
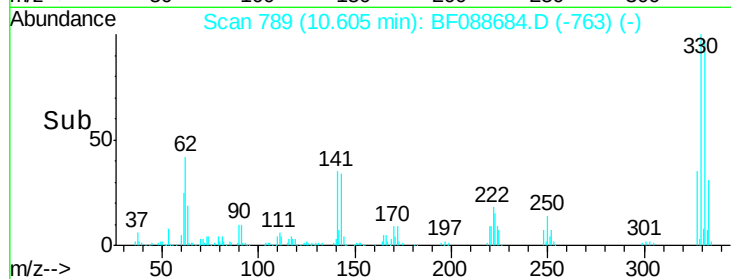
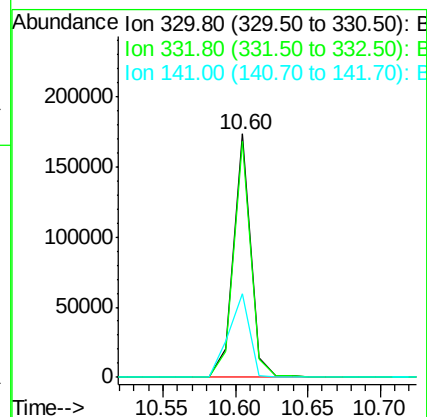
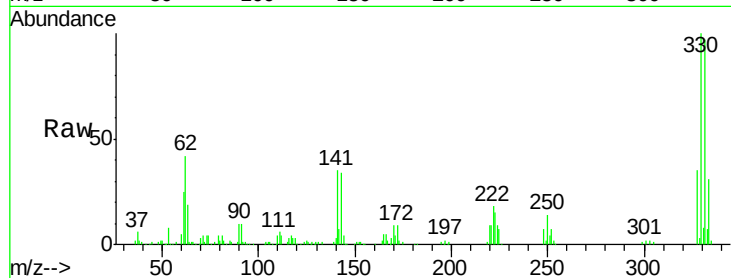




#41
 2,4,6-Tribromophenol
 Concen: 90.32 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF088684.D
 Acq: 4 Jul 2016 9:42

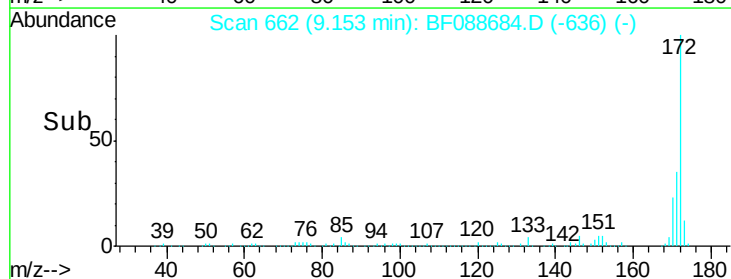
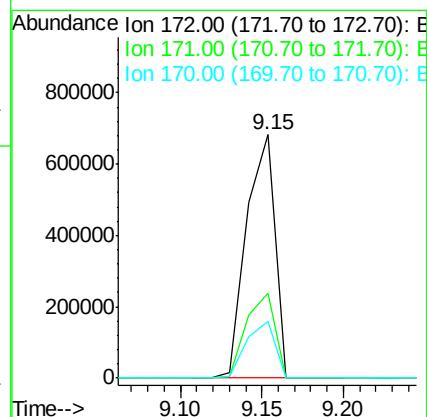
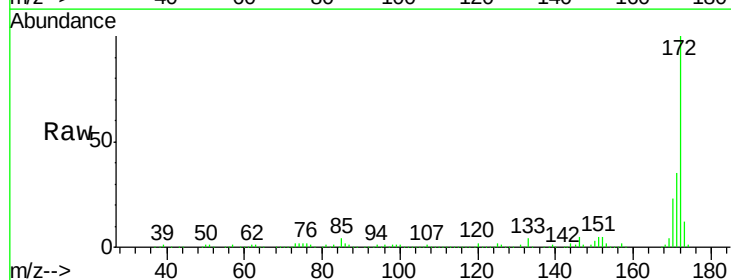
Instrument :
 BNA_F
 ClientSampleId :
 F11-B1(0-11)C

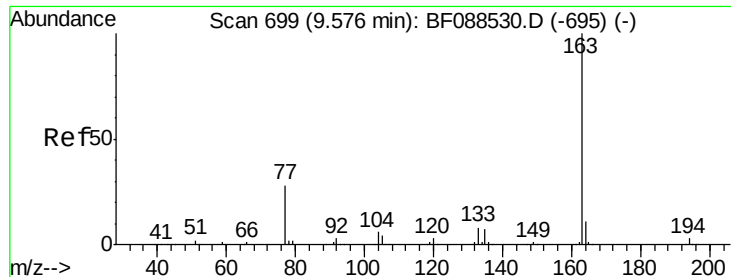
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	41.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 75.13 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF088684.D
 Acq: 4 Jul 2016 9:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.2	19.2	28.8





#49

Dimethylphthalate

Concen: 5.82 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

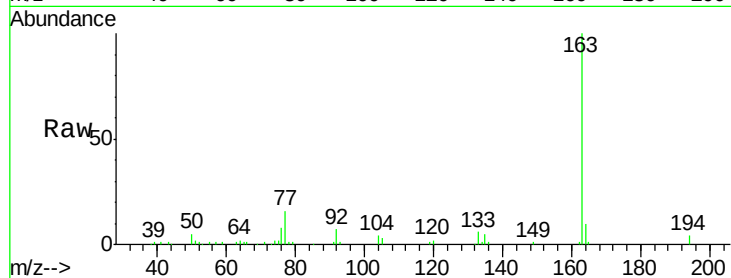
Tot Ion:163 Resp: 71470

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

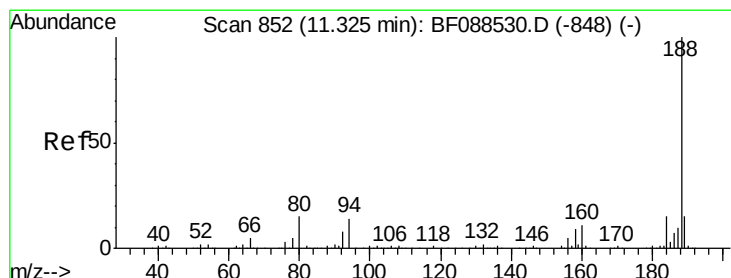
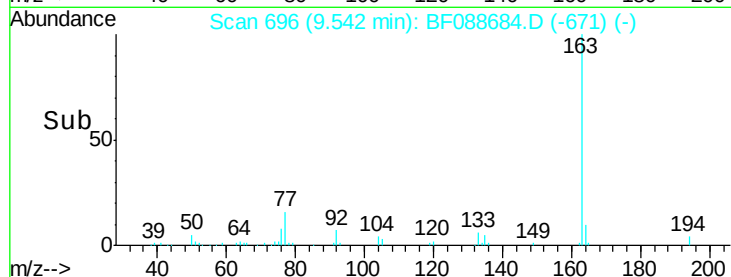
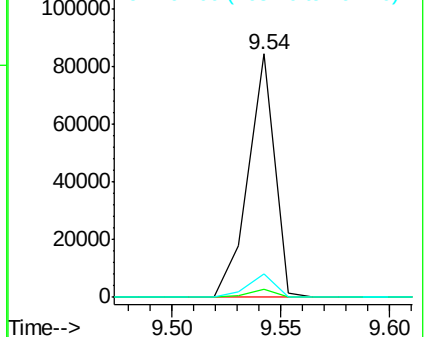
164 9.6 8.3 12.5



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: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

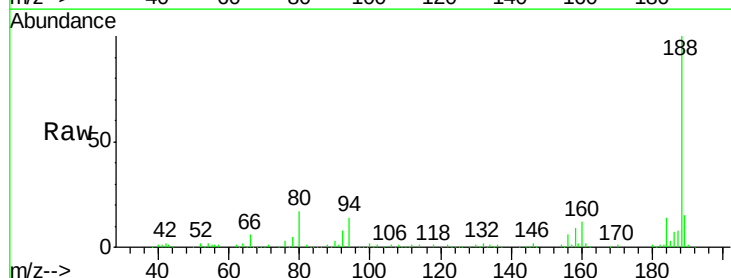
Tgt Ion:188 Resp: 279943

Ion Ratio Lower Upper

188 100

94 14.5 9.0 13.6#

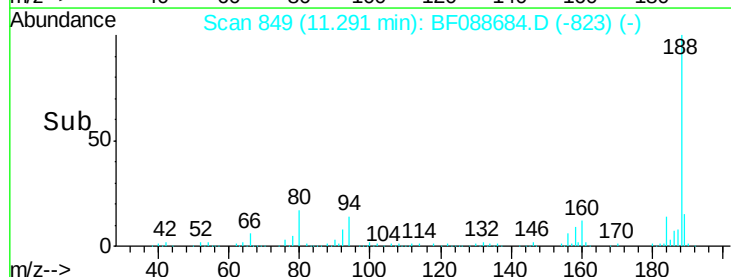
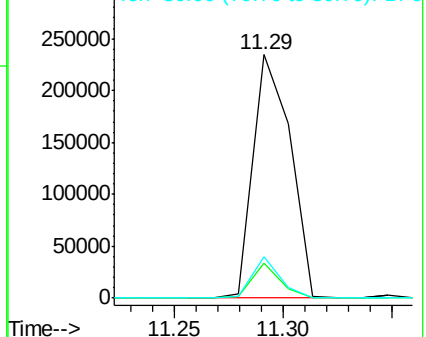
80 16.9 10.0 15.0#

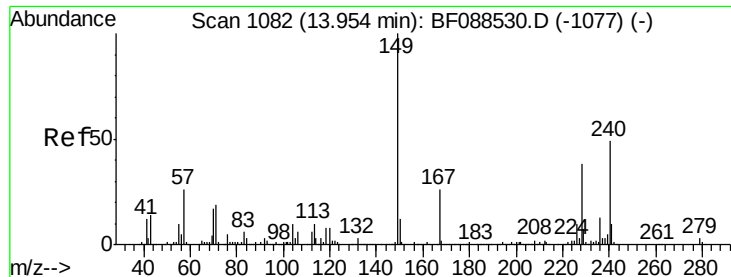


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.92 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

Instrument :

BNA_F

ClientSampleId :

F11-B1(0-11)C

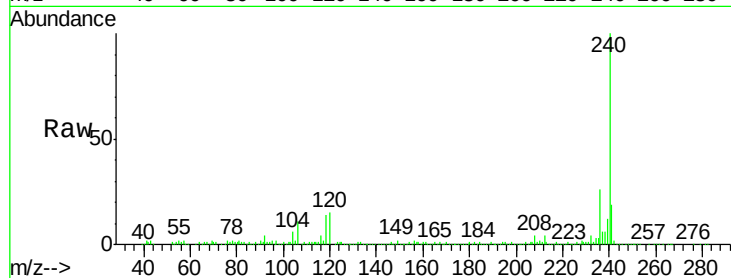
Tot Ion:240 Resp: 215776

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

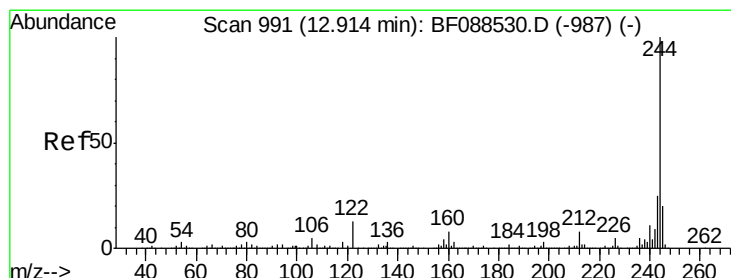
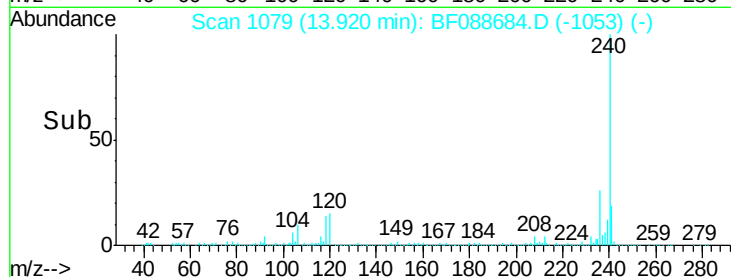
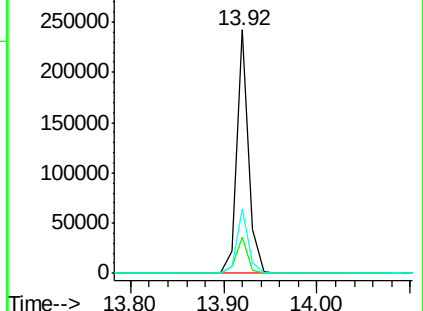
236 26.3 20.2 30.2



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: 54.96 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF088684.D

Acq: 4 Jul 2016 9:42

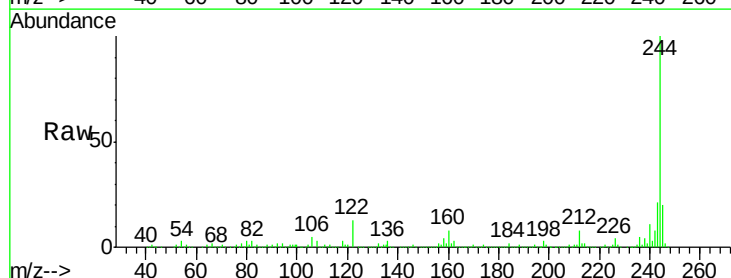
Tgt Ion:244 Resp: 532441

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

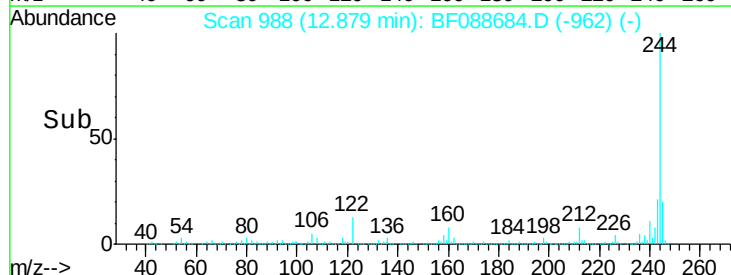
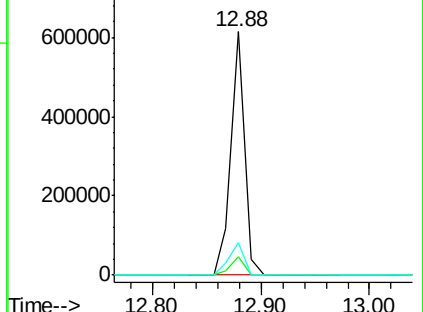
122 13.3 11.2 16.8

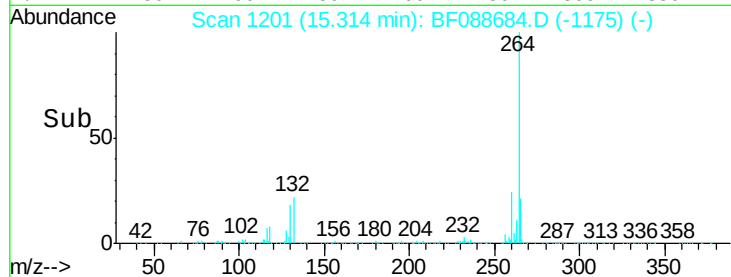
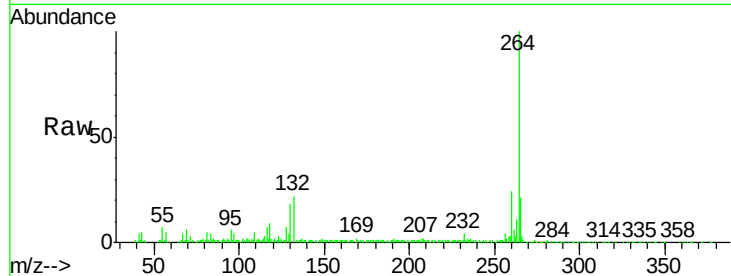
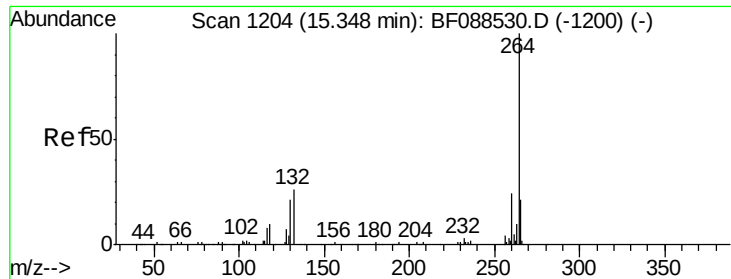


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF088684.D
Acq: 4 Jul 2016 9:42

Instrument :
BNA_F
ClientSampleId :
F11-B1(0-11)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	16.9	25.3

