

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087127.D
 Acq On : 18 May 2016 3:17
 Operator : UM/SJ
 Sample : H3085-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12K

Quant Time: May 18 04:02:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

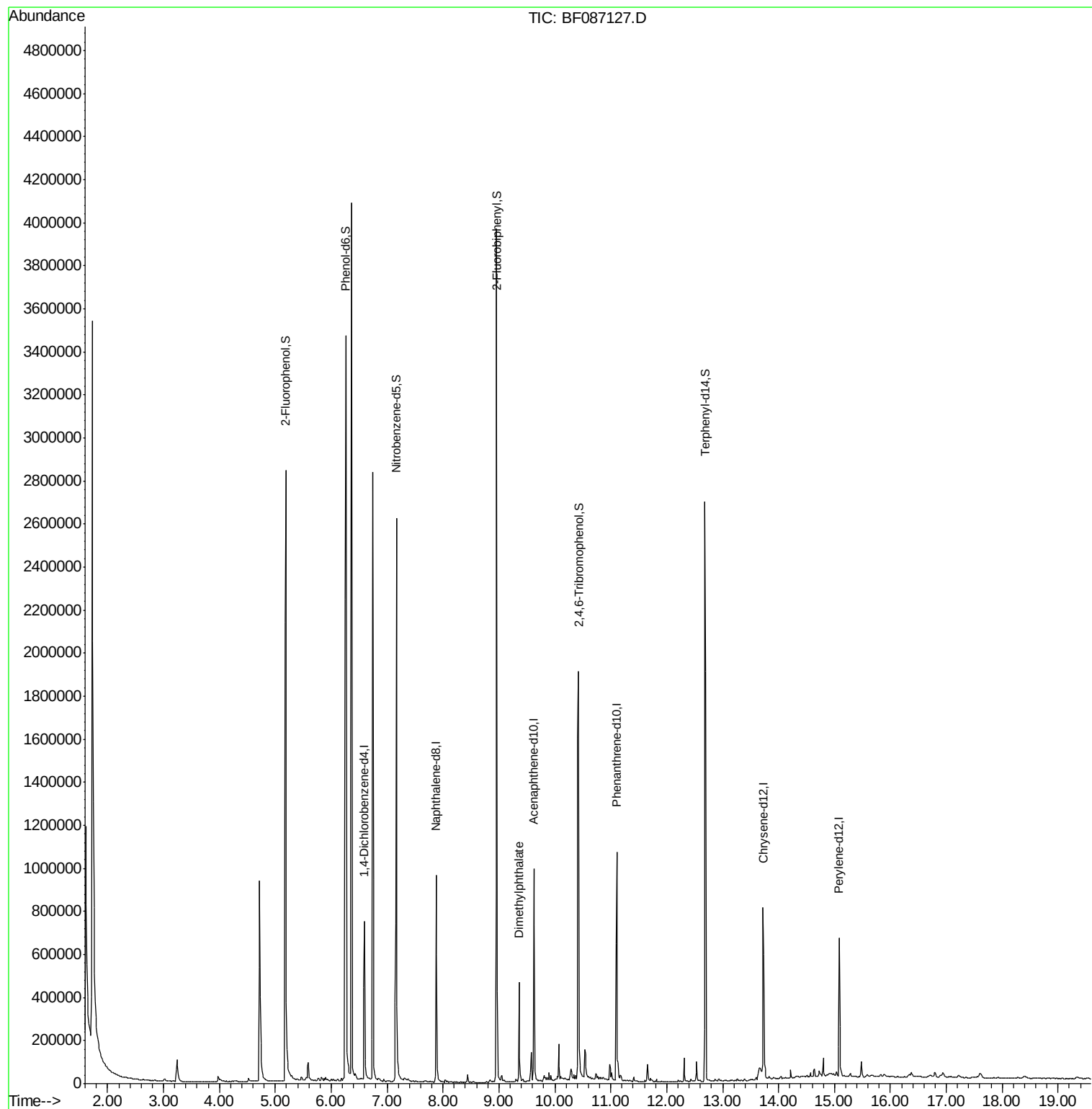
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	129700	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	537526	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	245992	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	467020	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	343860	20.00	ng	-0.03
86) Perylene-d12	15.09	264	263510	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	991540	128.50	ng	-0.01
7) Phenol-d6	6.26	99	1362490	131.65	ng	-0.02
23) Nitrobenzene-d5	7.16	82	828948	76.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	323519	119.01	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1153649	77.67	ng	-0.02
78) Terphenyl-d14	12.68	244	1077400	70.88	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.36	163	164959	8.79	ng	Qvalue 99

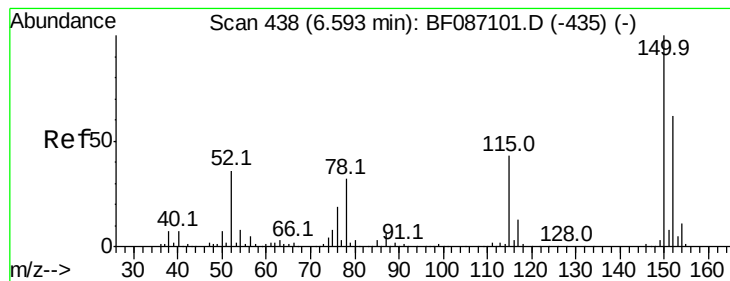
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087127.D

Acq: 18 May 2016 3:17

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12K

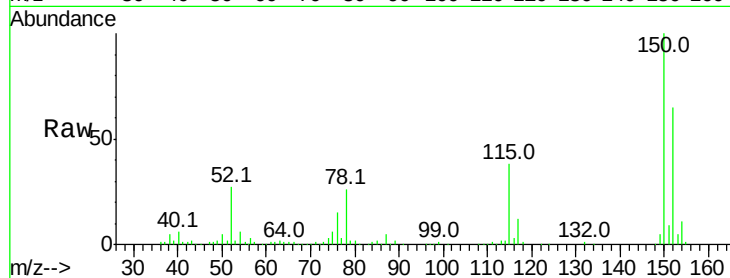
Tot Ion:152 Resp: 129700

Ion Ratio Lower Upper

152 100

150 154.3 125.8 188.6

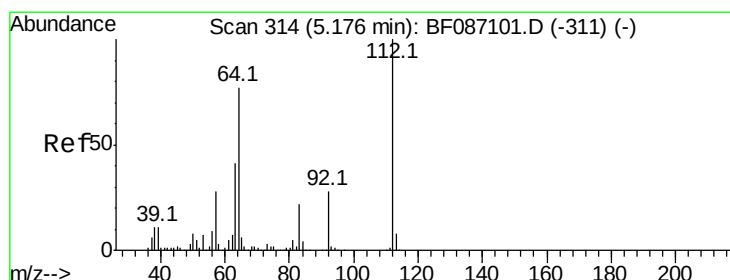
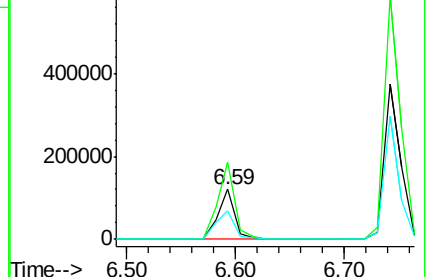
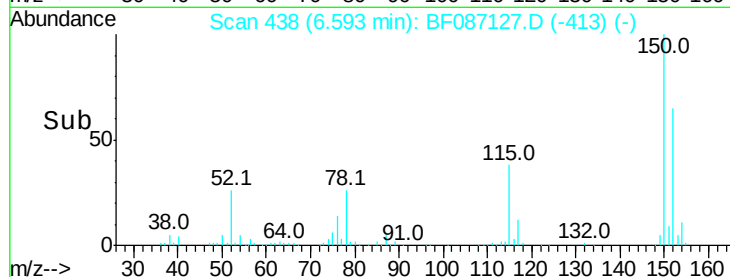
115 58.4 51.5 77.3



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: 128.50 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087127.D

Acq: 18 May 2016 3:17

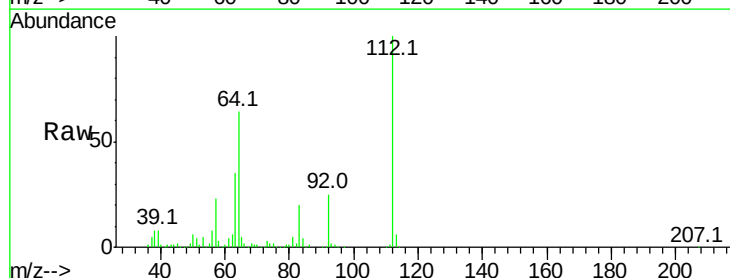
Tgt Ion:112 Resp: 991540

Ion Ratio Lower Upper

112 100

64 63.5 52.1 78.1

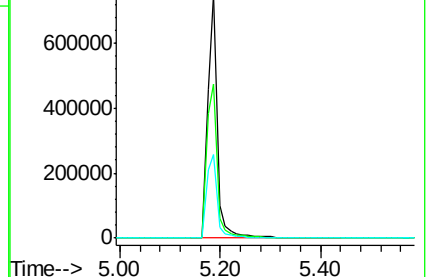
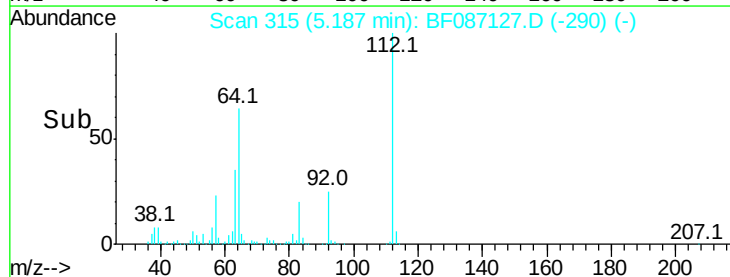
63 34.5 25.7 38.5

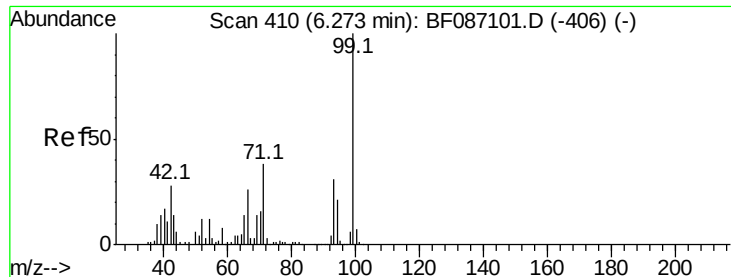


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.65 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087127.D

Acq: 18 May 2016 3:17

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12K

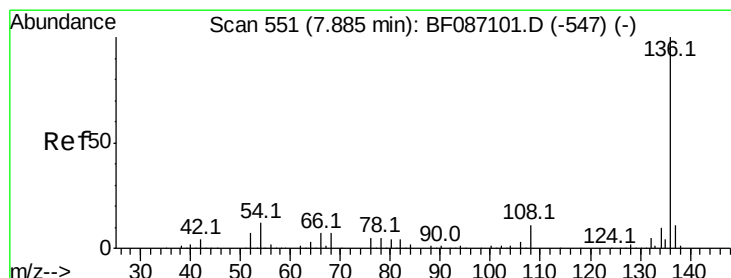
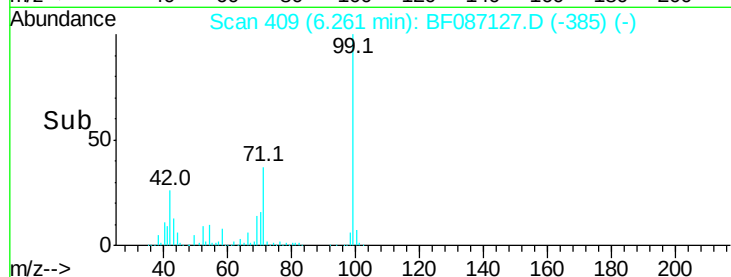
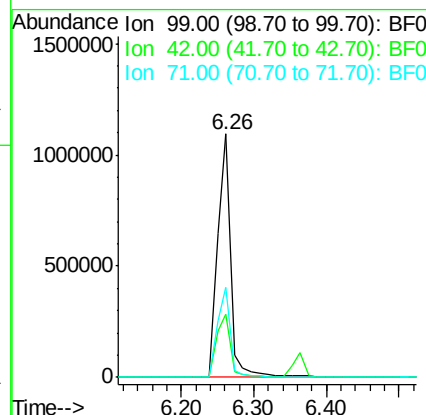
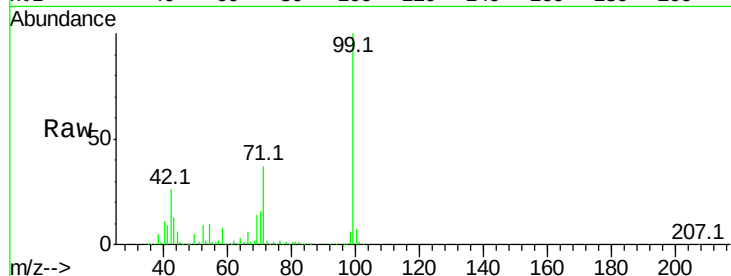
Tot Ion: 99 Resp: 1362490

Ion Ratio Lower Upper

99 100

42 25.9 13.6 20.4#

71 36.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087127.D

Acq: 18 May 2016 3:17

Tgt Ion: 136 Resp: 537526

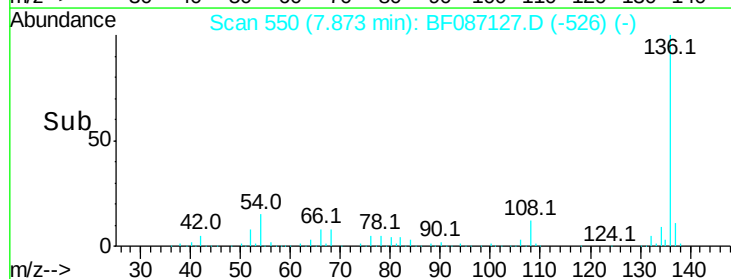
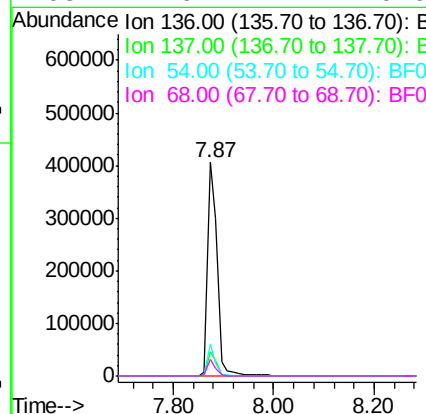
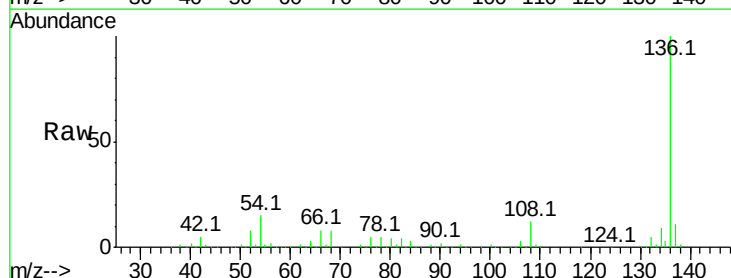
Ion Ratio Lower Upper

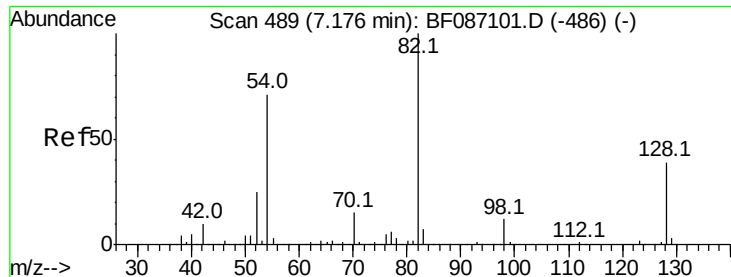
136 100

137 11.2 8.8 13.2

54 15.0 5.0 7.4#

68 7.6 4.4 6.6#

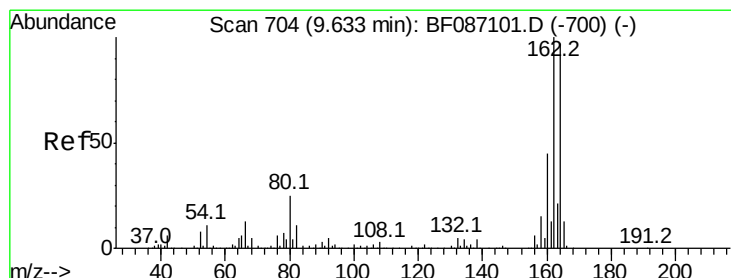
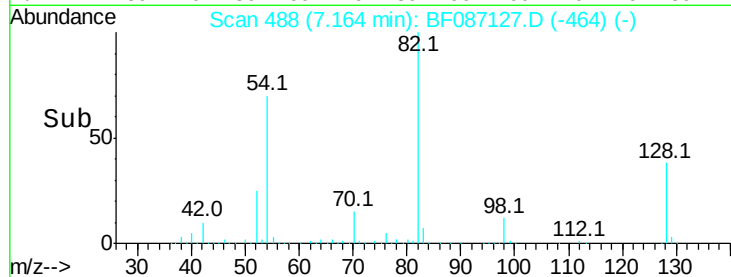
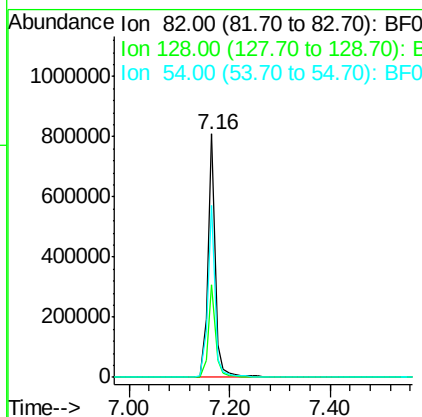
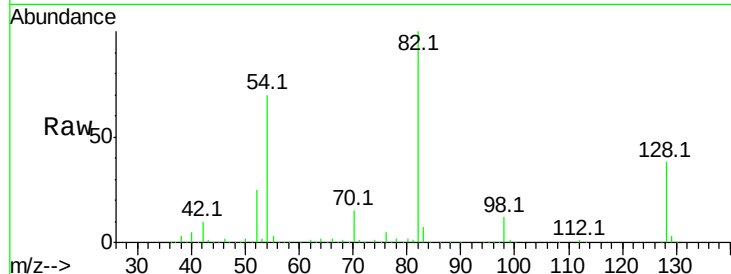




#23
 Nitrobenzene-d5
 Concen: 76.86 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087127.D
 Acq: 18 May 2016 3:17

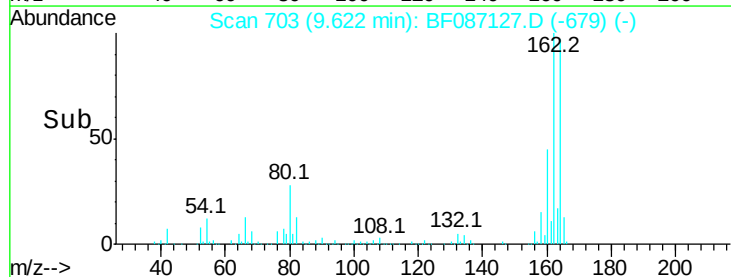
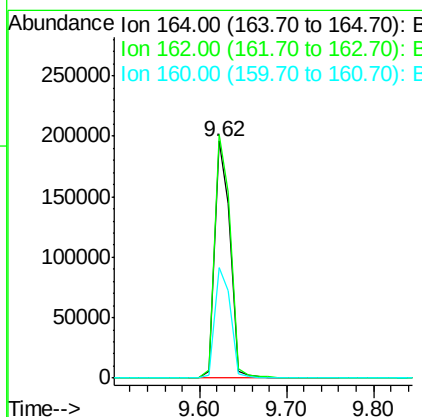
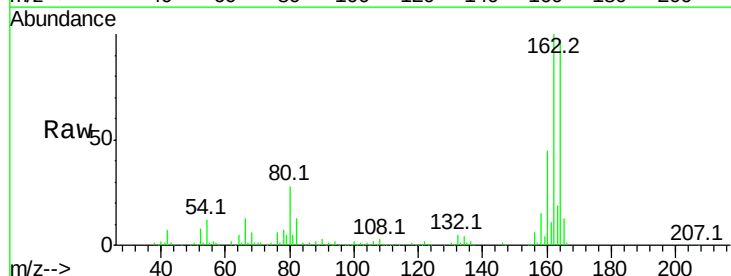
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12K

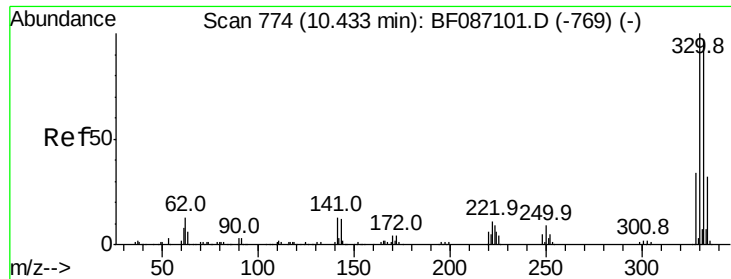
Tot Ion: 82 Resp: 828948
 Ion Ratio Lower Upper
 82 100
 128 38.0 40.6 61.0#
 54 70.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF087127.D
 Acq: 18 May 2016 3:17

Tgt Ion: 164 Resp: 245992
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 46.5 36.9 55.3

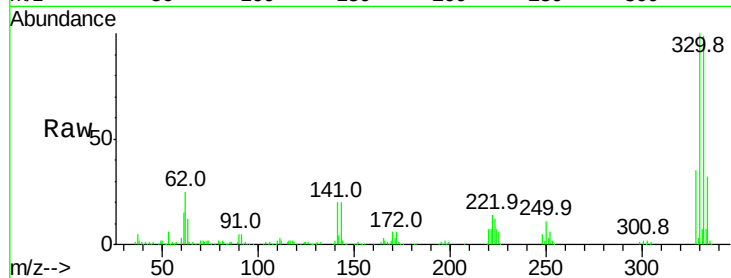




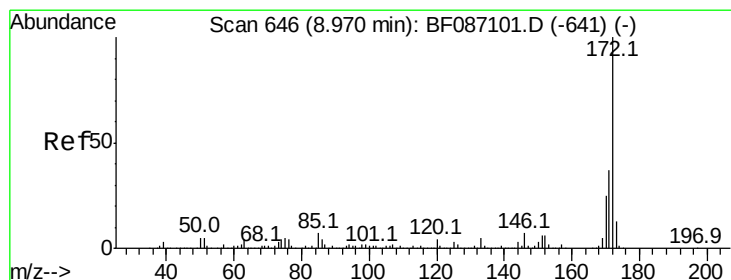
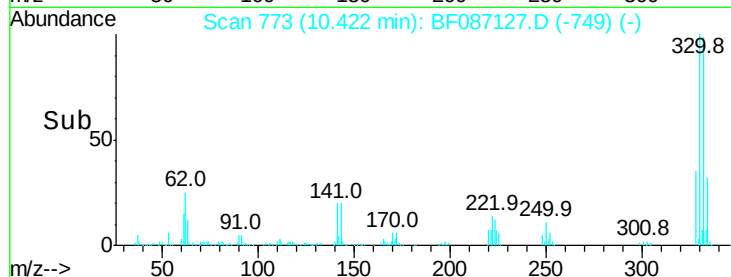
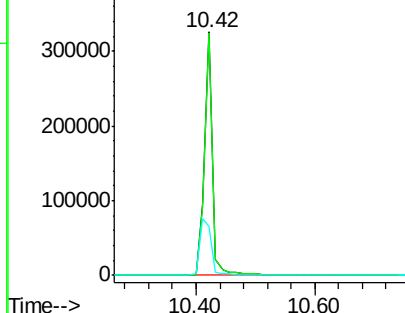
#41
 2,4,6-Tribromophenol
 Concen: 119.01 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087127.D
 Acq: 18 May 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-12K

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	79.0	118.4
141	33.4	31.2	46.8

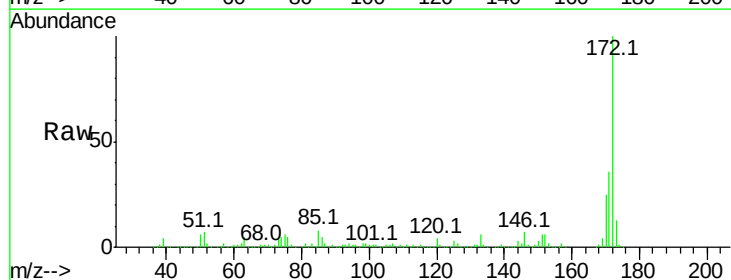


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

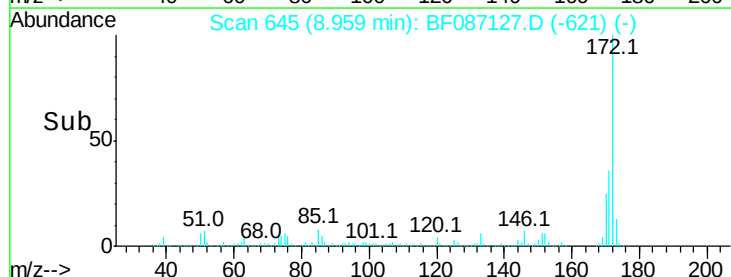
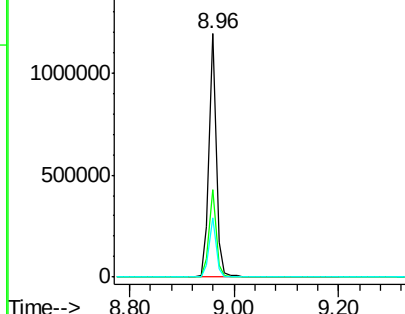


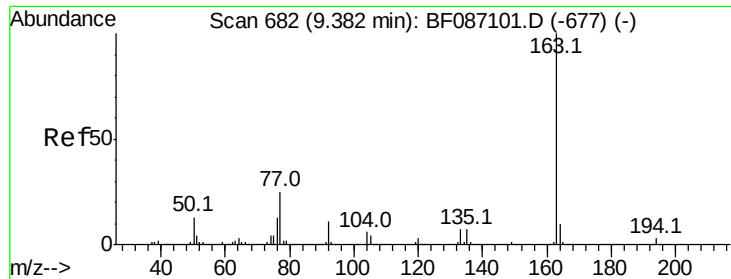
#44
 2-Fluorobiphenyl
 Concen: 77.67 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087127.D
 Acq: 18 May 2016 3:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.5	19.8	29.8



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: 8.79 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF087127.D

Acq: 18 May 2016 3:17

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-12K

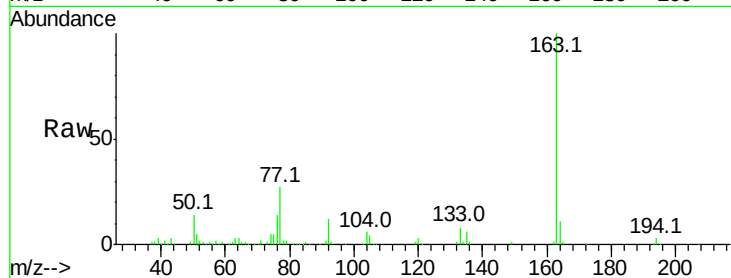
Tot Ion:163 Resp: 164959

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

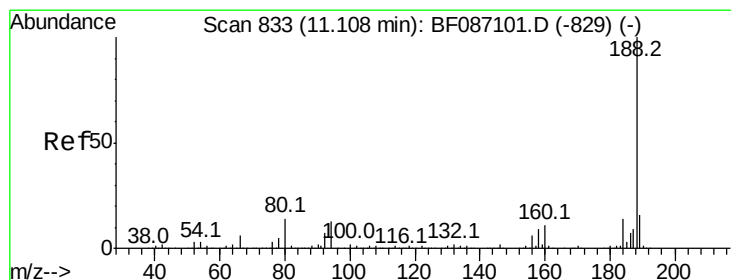
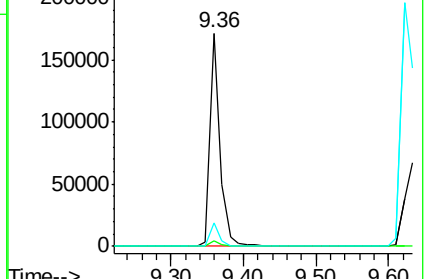
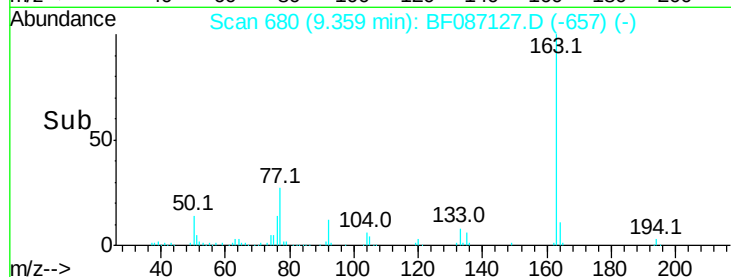
164 10.8 8.2 12.4



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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087127.D

Acq: 18 May 2016 3:17

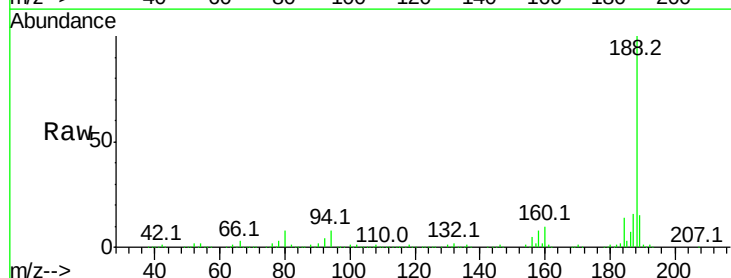
Tgt Ion:188 Resp: 467020

Ion Ratio Lower Upper

188 100

94 7.6 6.8 10.2

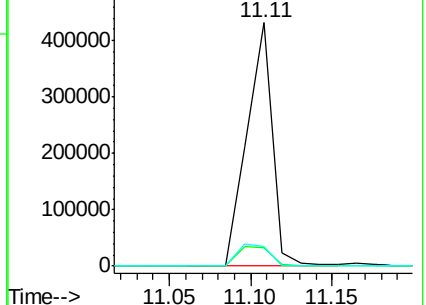
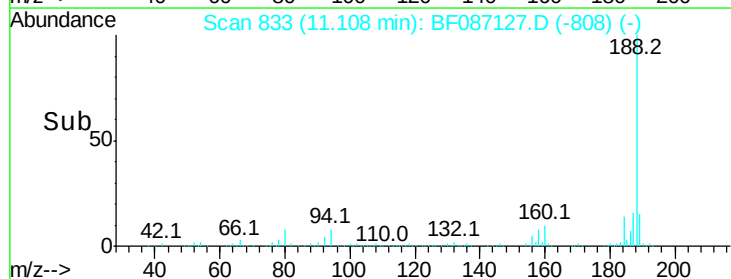
80 7.9 7.1 10.7

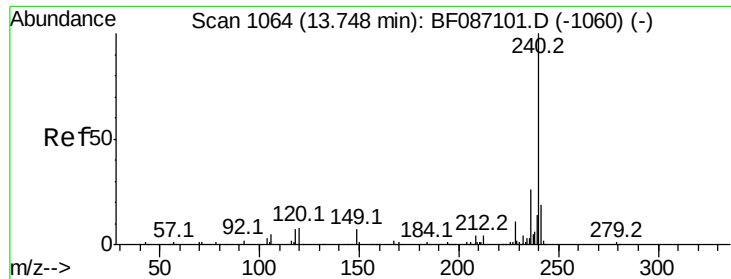


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF087127.D

Acq: 18 May 2016 3:17

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VITALE-FILL-CSPH3-12K

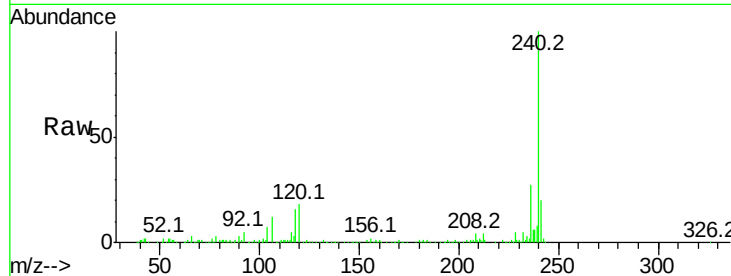
Tot Ion:240 Resp: 343860

Ion Ratio Lower Upper

240 100

120 17.5 11.2 16.8#

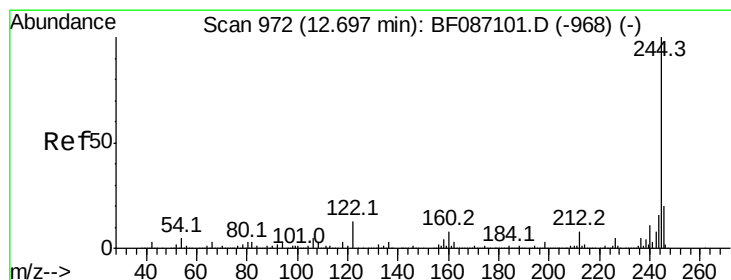
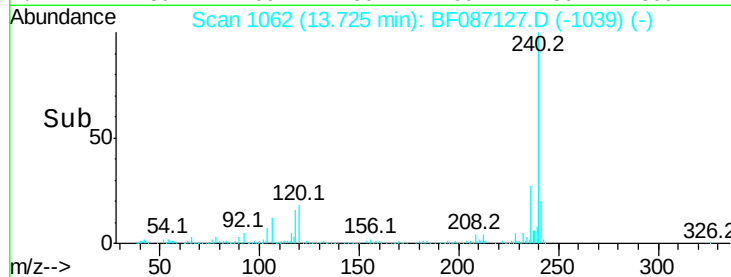
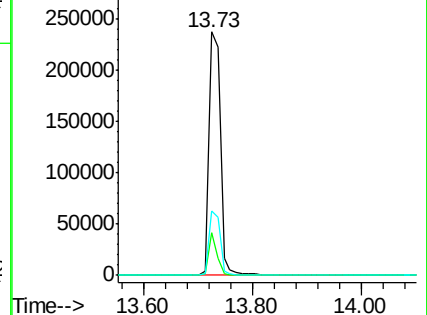
236 26.6 21.2 31.8



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: 70.88 ng

RT: 12.68 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF087127.D

Acq: 18 May 2016 3:17

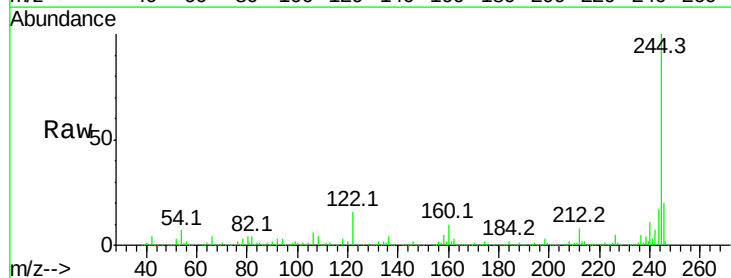
Tgt Ion:244 Resp: 1077400

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

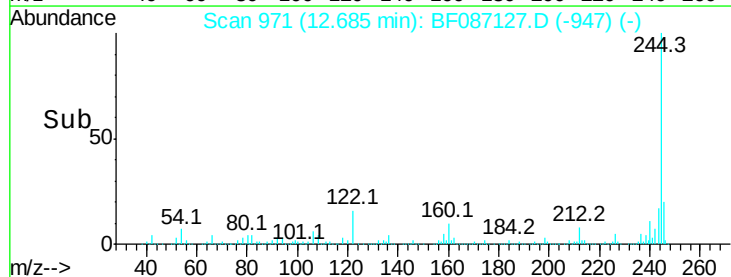
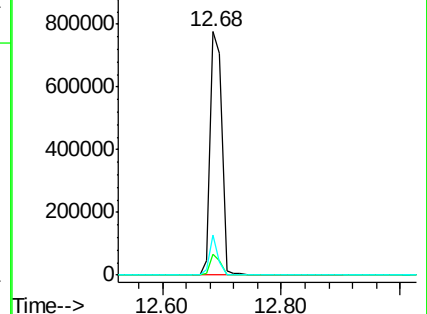
122 16.3 12.0 18.0

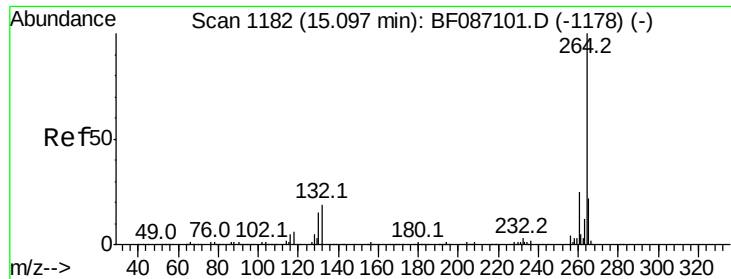


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087127.D
Acq: 18 May 2016 3:17

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12K

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	17.3	25.9

