

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087130.D
 Acq On : 18 May 2016 4:44
 Operator : UM/SJ
 Sample : H3085-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-13K

Quant Time: May 18 05:15:53 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

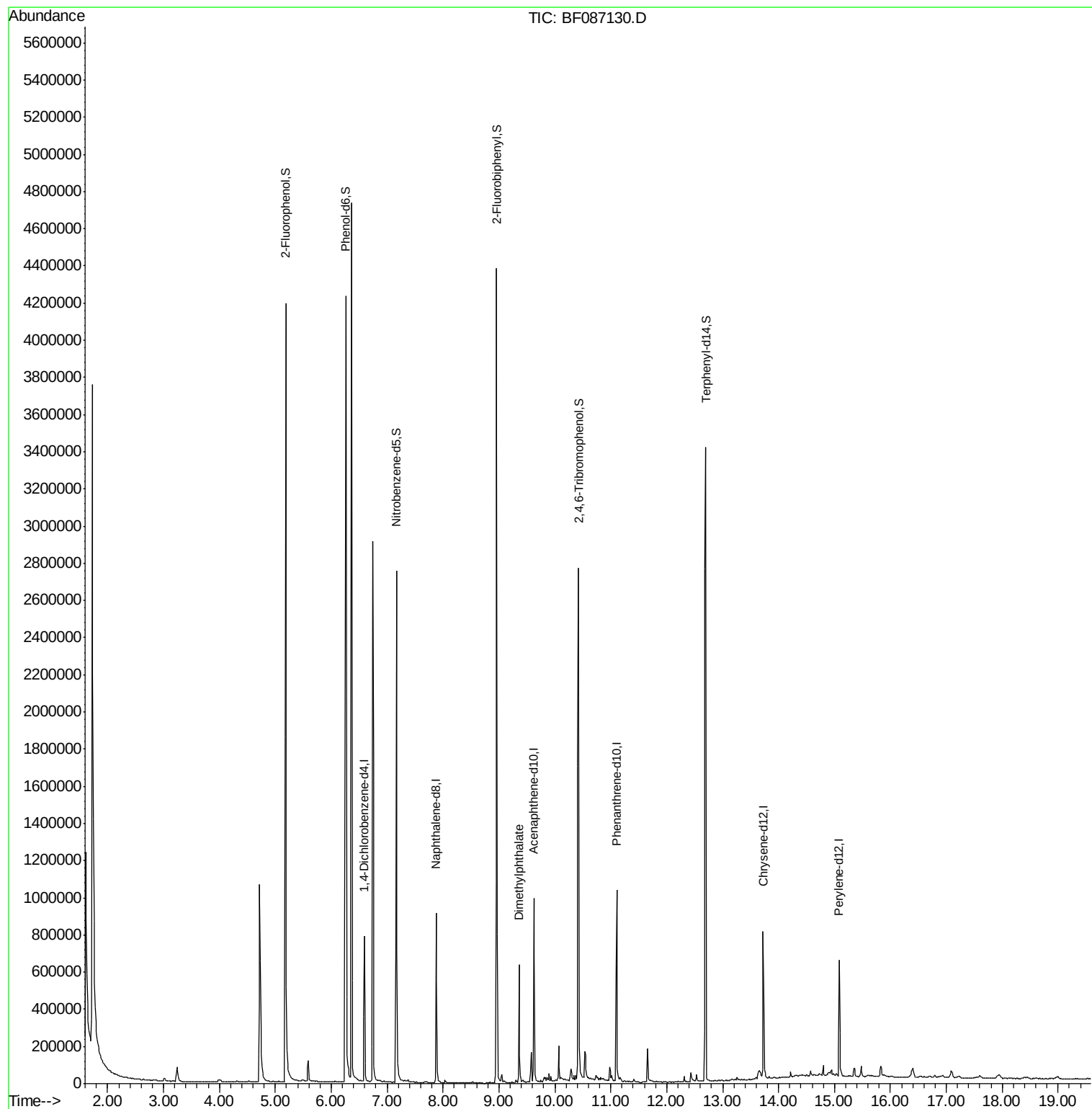
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	126877	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	507688	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	240687	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	454405	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	329383	20.00	ng	-0.03
86) Perylene-d12	15.09	264	257142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1155394	153.06	ng	-0.01
7) Phenol-d6	6.26	99	1466461	144.85	ng	-0.02
23) Nitrobenzene-d5	7.16	82	953092	93.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	409042	153.79	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1386190	95.38	ng	-0.02
78) Terphenyl-d14	12.70	244	1441161	98.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.36	163	227236	12.38	ng	Qvalue 99

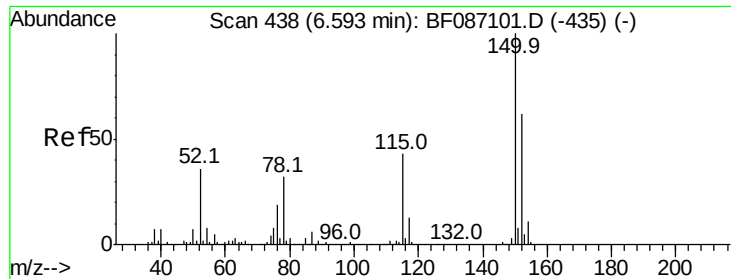
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087130.D

Acq: 18 May 2016 4:44

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-13K

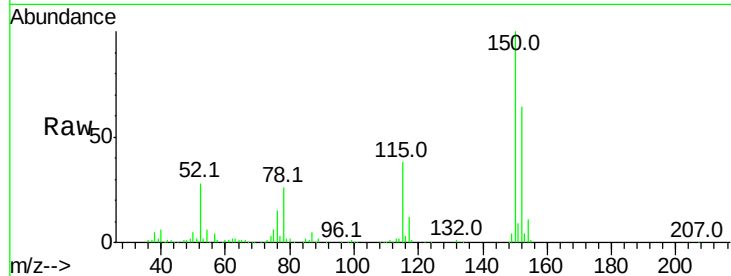
Tot Ion:152 Resp: 126877

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

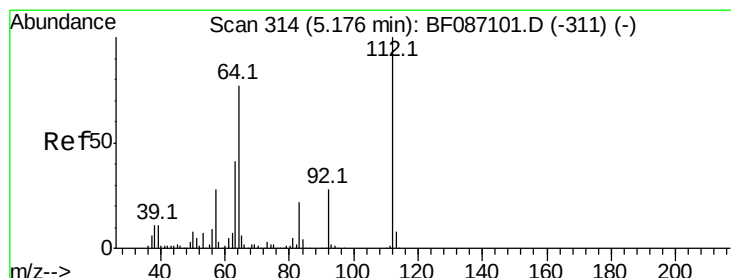
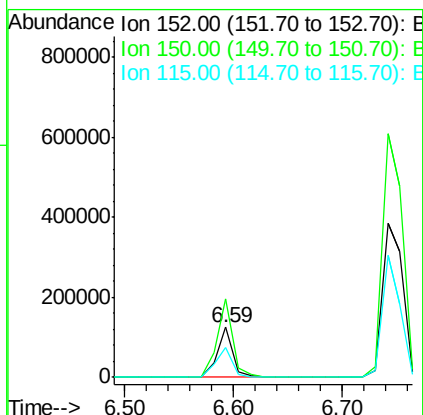
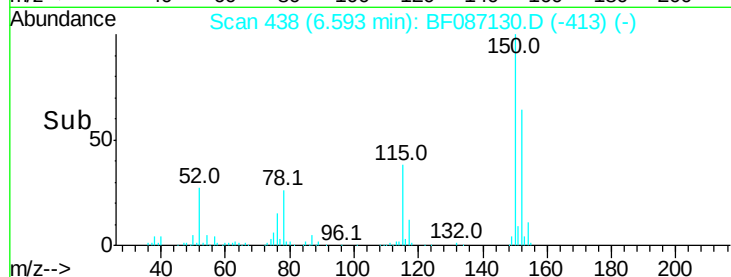
115 59.9 51.5 77.3



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: 153.06 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

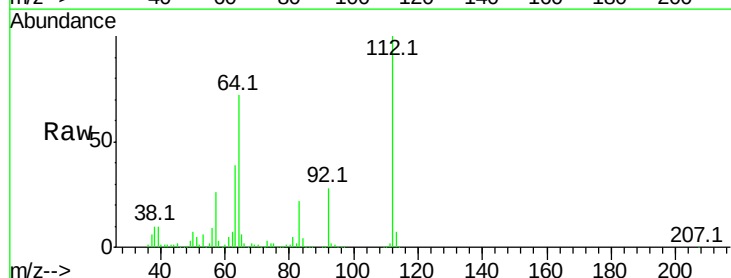
Tgt Ion:112 Resp: 1155394

Ion Ratio Lower Upper

112 100

64 71.8 52.1 78.1

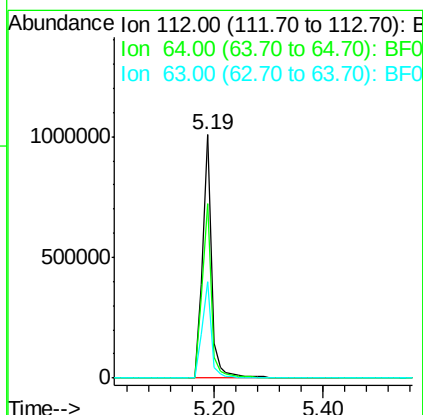
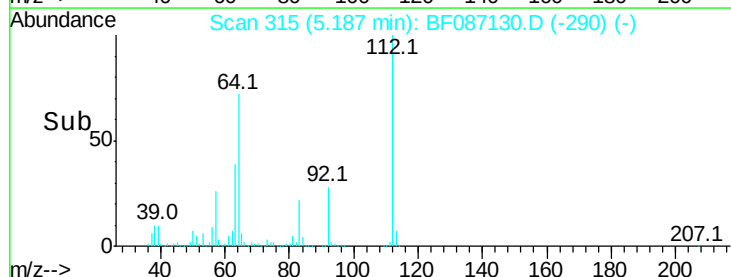
63 39.4 25.7 38.5#

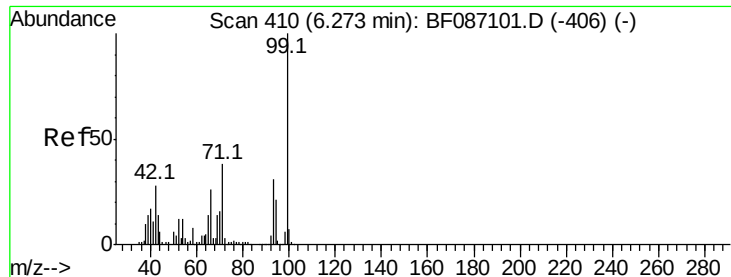


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.85 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-13K

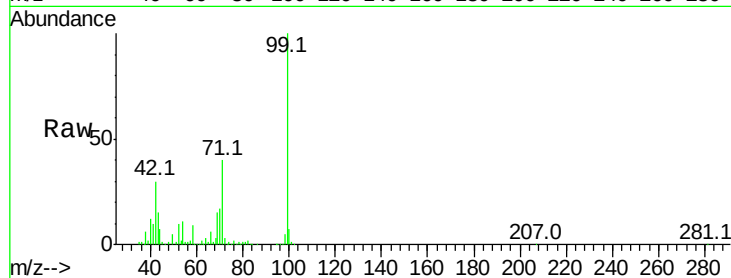
Tot Ion: 99 Resp: 1466461

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

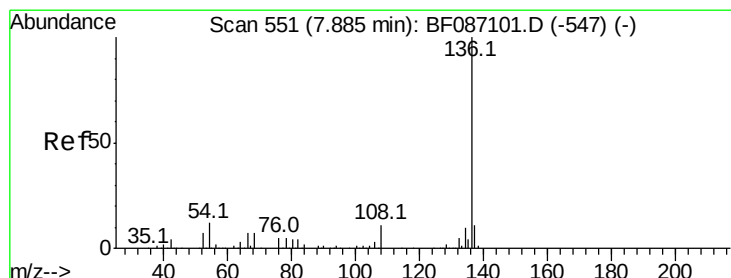
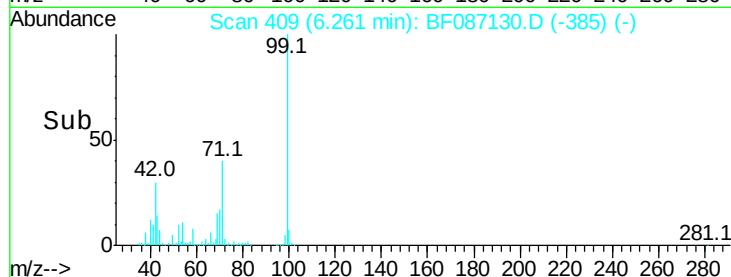
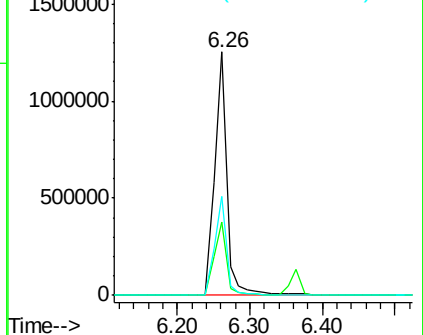
71 40.4 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

Tgt Ion: 136 Resp: 507688

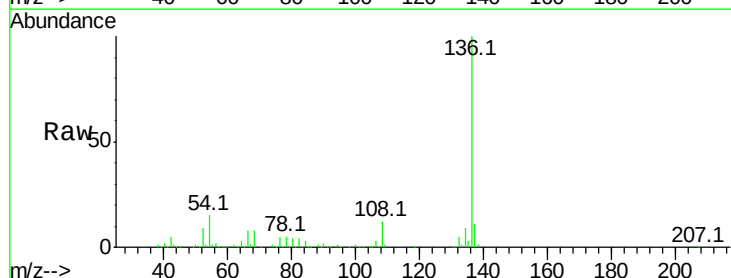
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 15.2 5.0 7.4#

68 7.7 4.4 6.6#

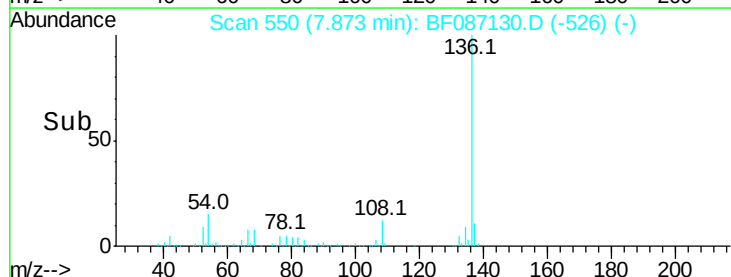
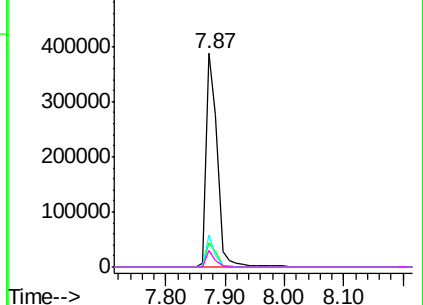


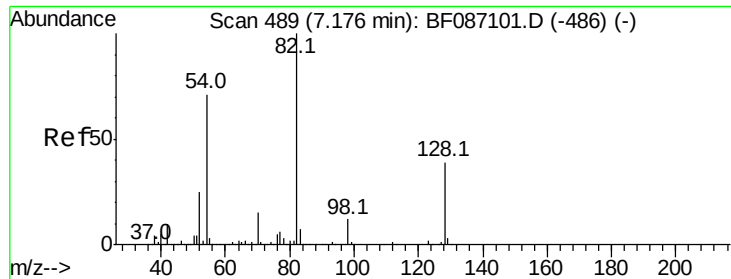
Abundance Ion 136.00 (135.70 to 136.70): E

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

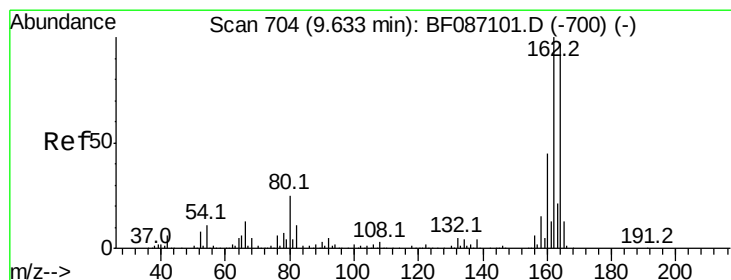
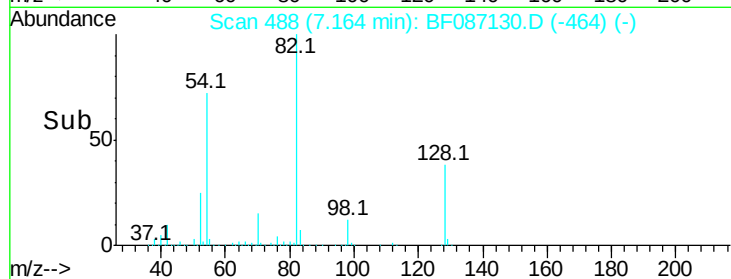
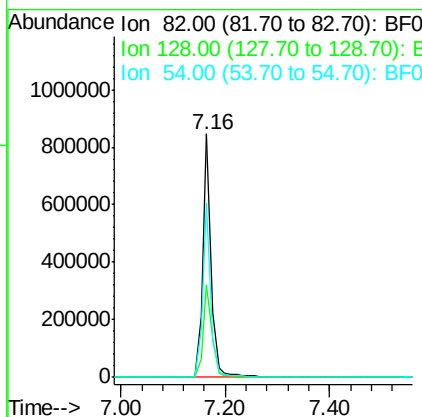
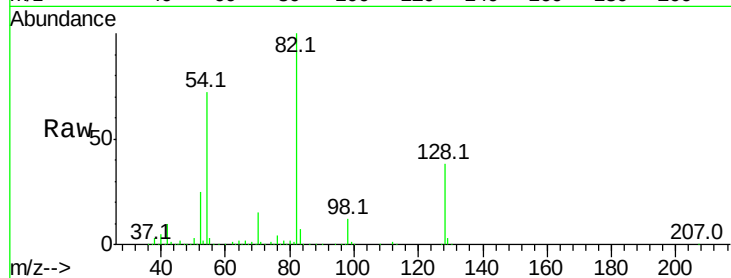




#23
 Nitrobenzene-d5
 Concen: 93.56 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

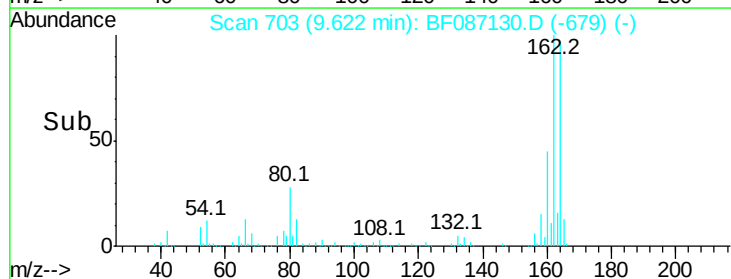
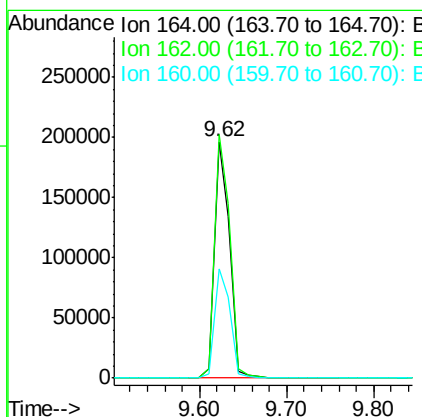
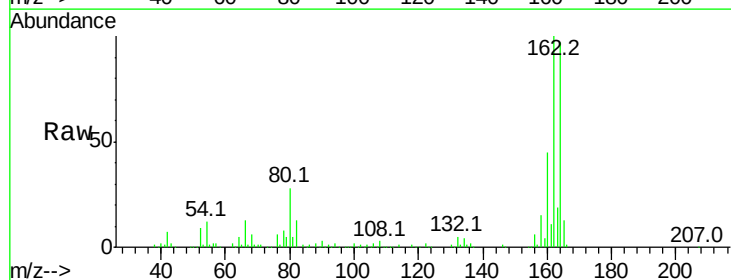
Instrument :
 BNA_F
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 VITALE-FILL-CSPH3-13K

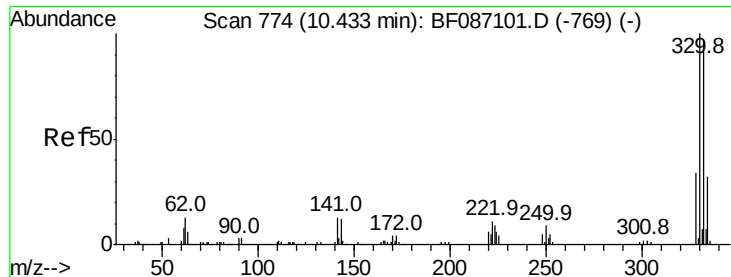
Tot Ion: 82 Resp: 953092
 Ion Ratio Lower Upper
 82 100
 128 38.2 40.6 61.0#
 54 71.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Tgt Ion:164 Resp: 240687
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 46.0 36.9 55.3

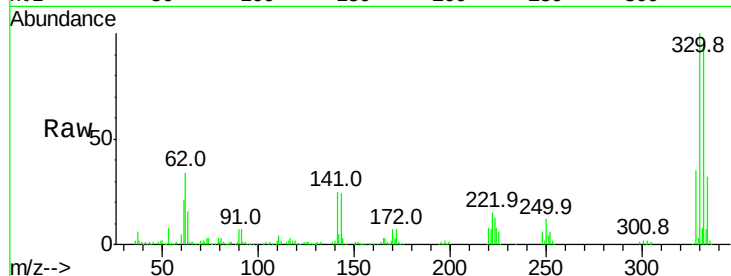




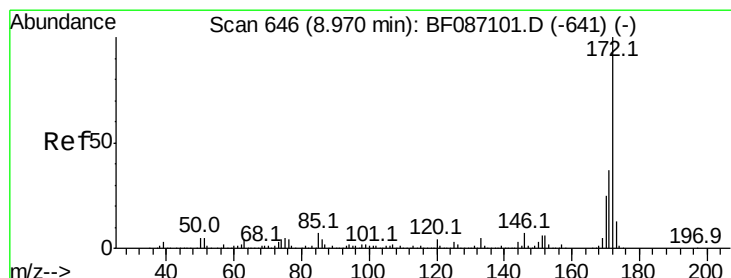
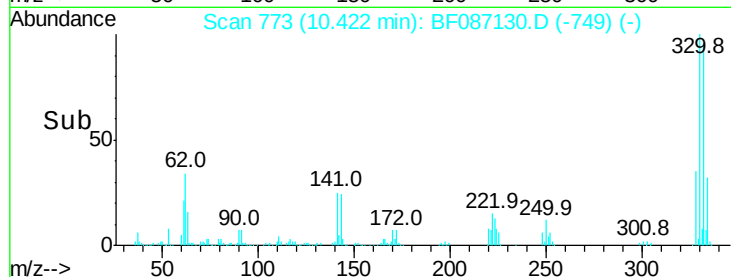
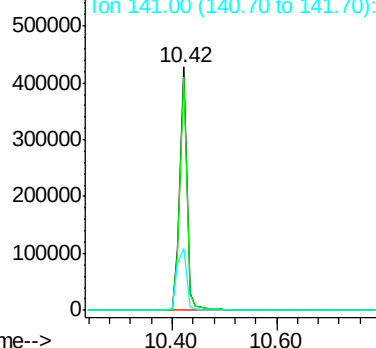
#41
 2,4,6-Tribromophenol
 Concen: 153.79 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-13K

Tot Ion:330 Resp: 409042
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.4
 141 34.9 31.2 46.8

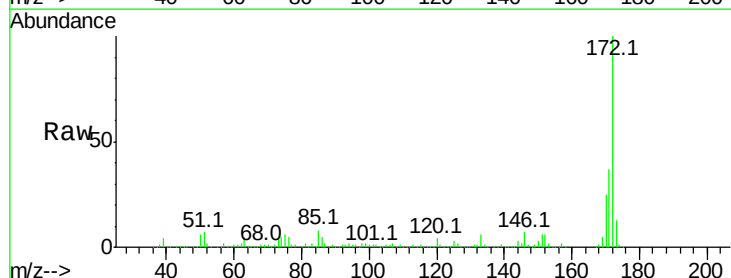


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

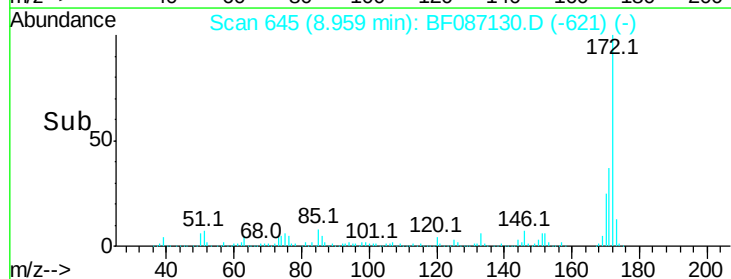
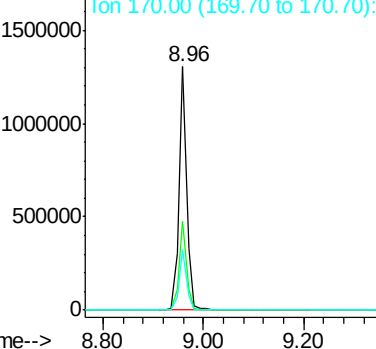


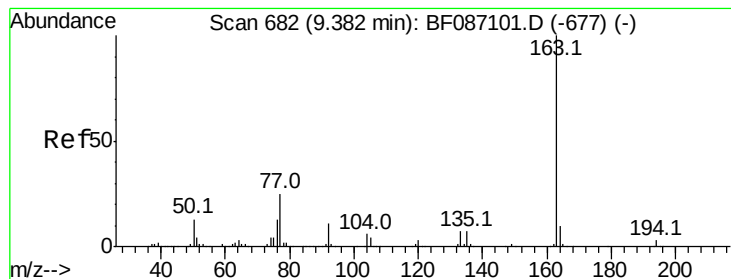
#44
 2-Fluorobiphenyl
 Concen: 95.38 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Tgt Ion:172 Resp: 1386190
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.7 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: 12.38 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-13K

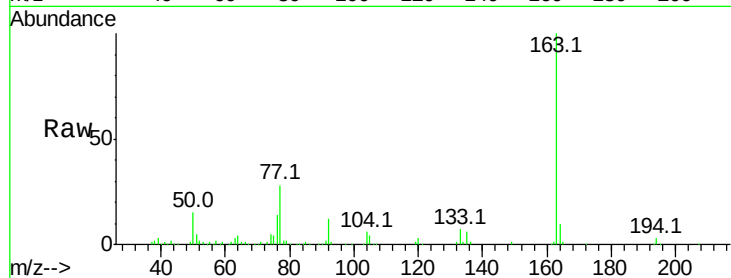
Tot Ion:163 Resp: 227236

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

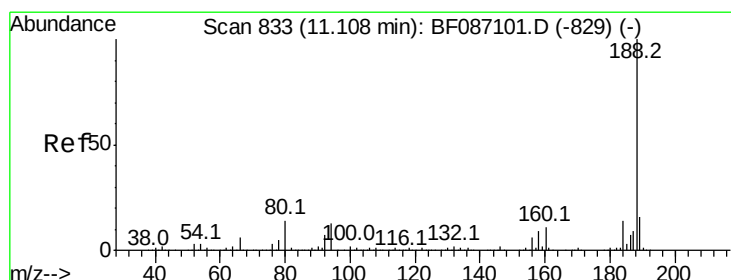
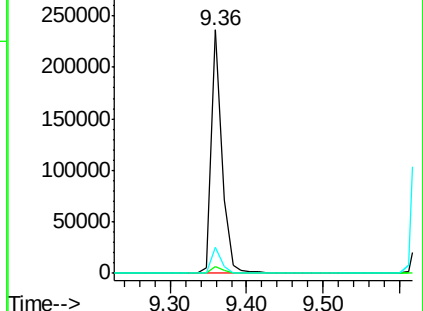
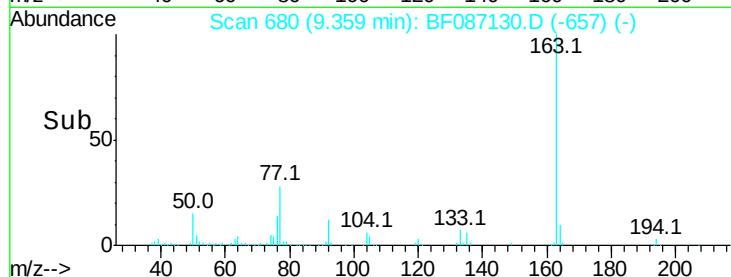
164 10.5 8.2 12.4



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: BF087130.D

Acq: 18 May 2016 4:44

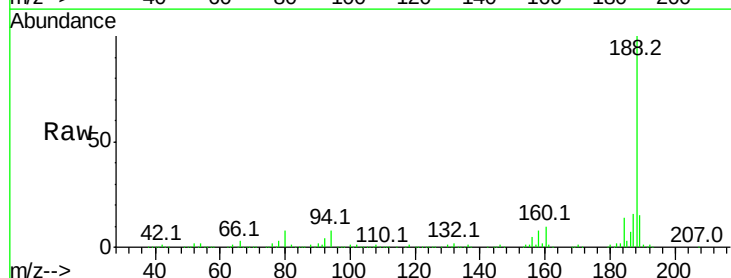
Tgt Ion:188 Resp: 454405

Ion Ratio Lower Upper

188 100

94 7.7 6.8 10.2

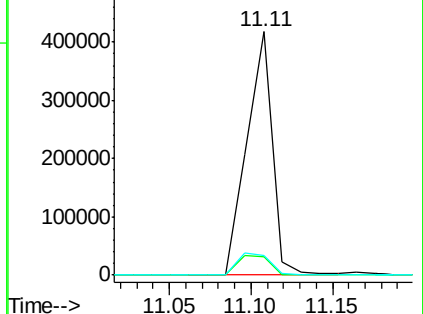
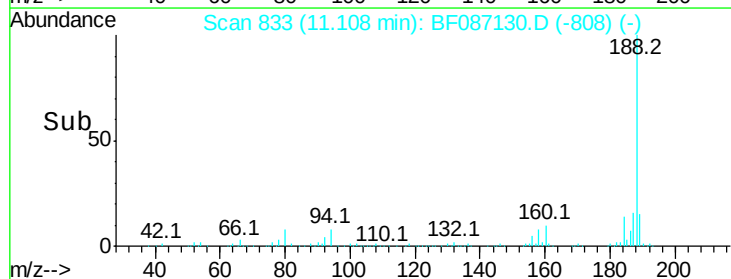
80 8.1 7.1 10.7

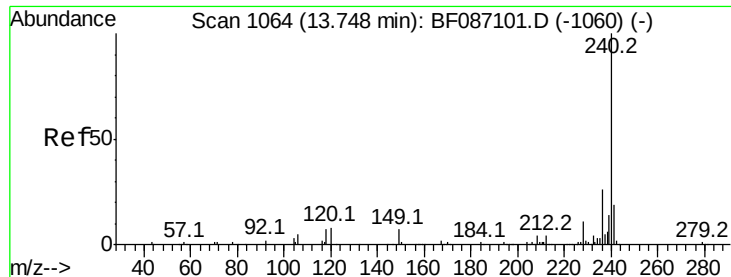


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087130.D

Acq: 18 May 2016 4:44

Instrument :

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ClientSampleId :

VITALE-FILL-CSPH3-13K

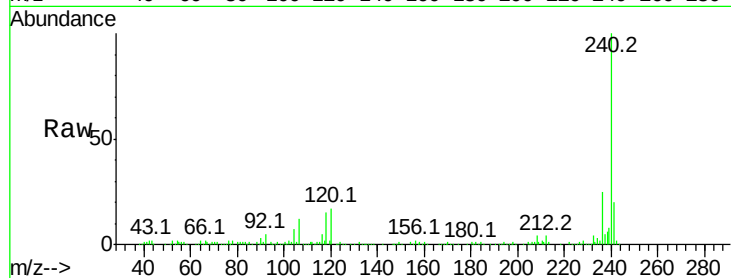
Tot Ion:240 Resp: 329383

Ion Ratio Lower Upper

240 100

120 16.6 11.2 16.8

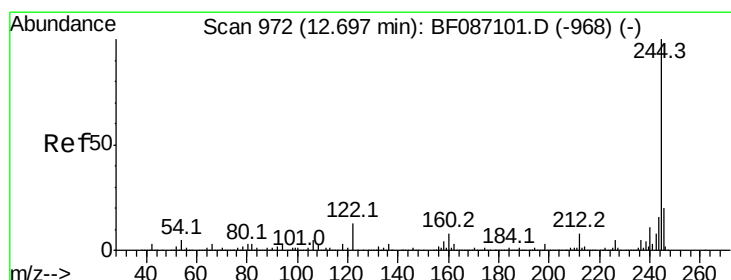
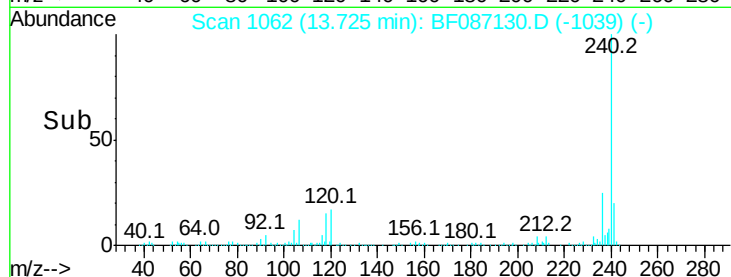
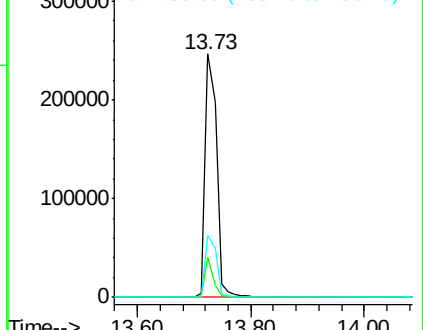
236 25.5 21.2 31.8



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: 98.97 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

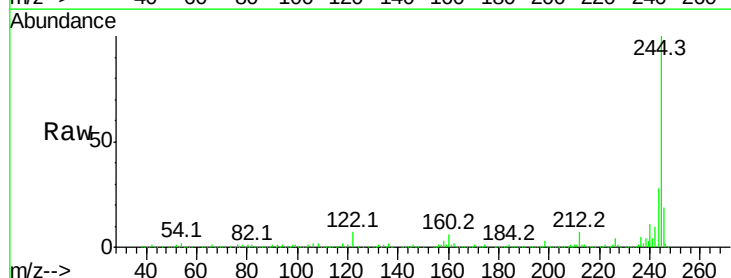
Tgt Ion:244 Resp: 1441161

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

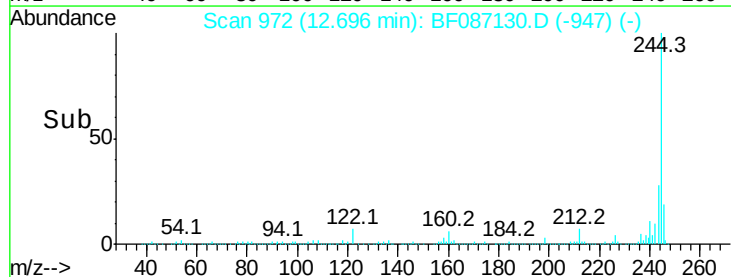
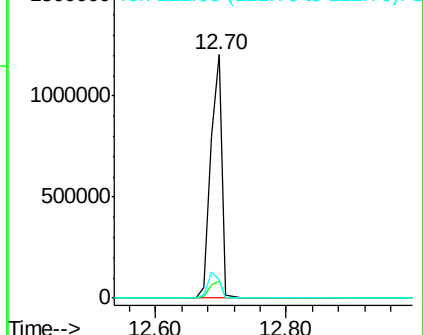
122 7.4 12.0 18.0#

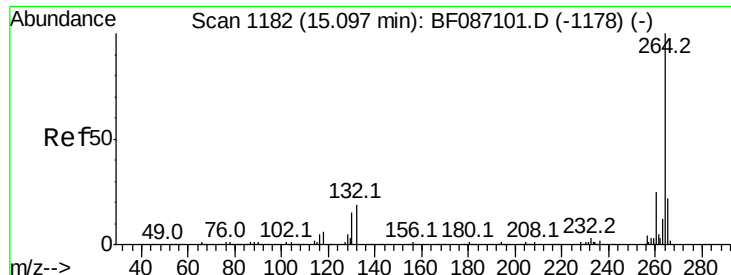


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

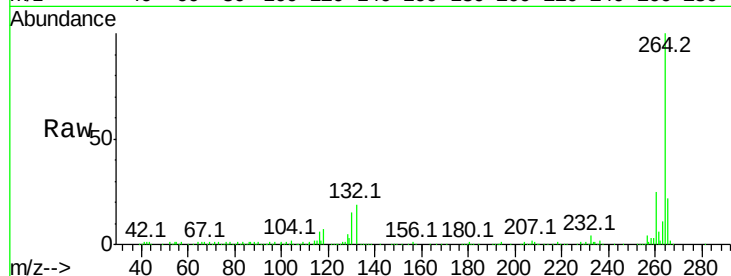




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087130.D
Acq: 18 May 2016 4:44

Instrument :
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VITALE-FILL-CSPH3-13K

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.5	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

