

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086917.D
 Acq On : 12 May 2016 5:18
 Operator : UM/SJ
 Sample : H2916-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-9K

Quant Time: May 12 07:15:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

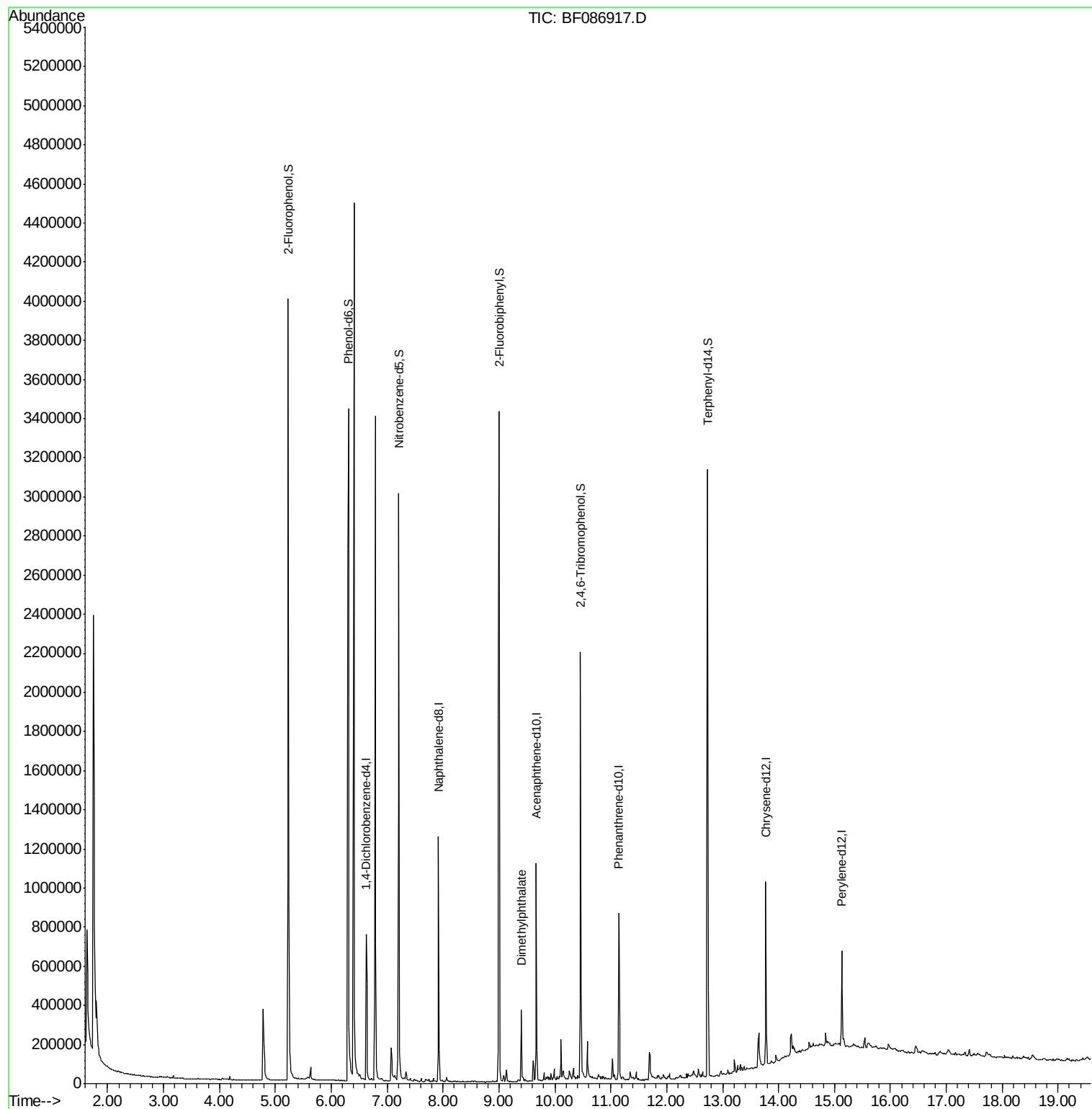
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	128035	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	493742	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	198422	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	305414	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	291203	20.00	ng	-0.01
86) Perylene-d12	15.13	264	225286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1045375	138.27	ng	0.01
7) Phenol-d6	6.31	99	1479739	146.45	ng	0.00
23) Nitrobenzene-d5	7.21	82	1022446	103.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	231976	110.43	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1227306	103.95	ng	0.00
78) Terphenyl-d14	12.73	244	859972	62.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.40	163	184884	12.21	ng	Qvalue 99

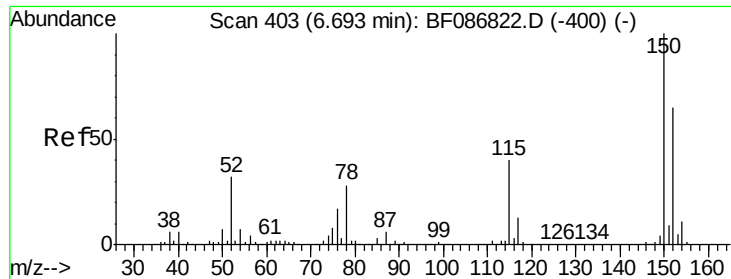
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

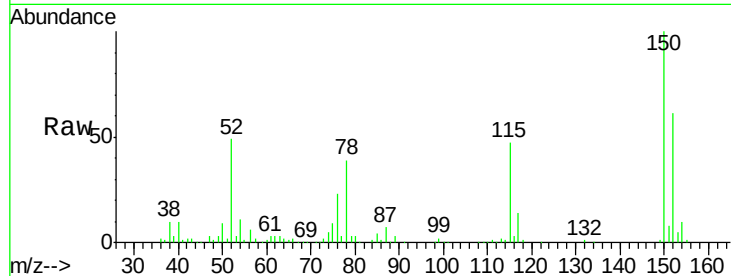
Tgt Ion:152 Resp: 128035

Ion Ratio Lower Upper

152 100

150 162.9 125.8 188.6

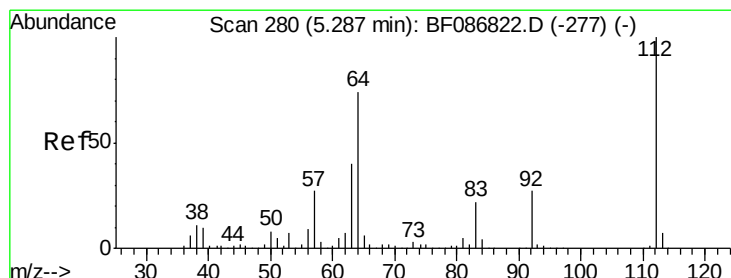
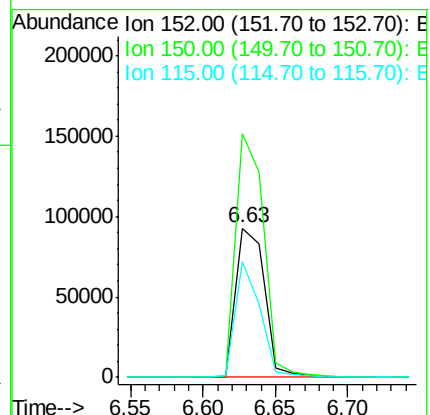
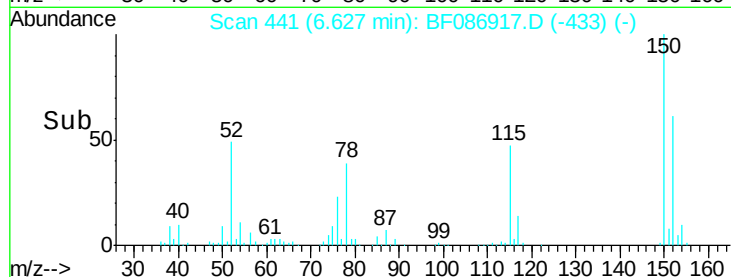
115 77.2 51.5 77.3



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: 138.27 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

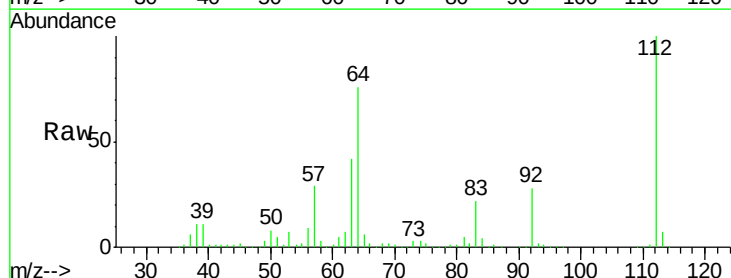
Tgt Ion:112 Resp: 1045375

Ion Ratio Lower Upper

112 100

64 76.3 52.1 78.1

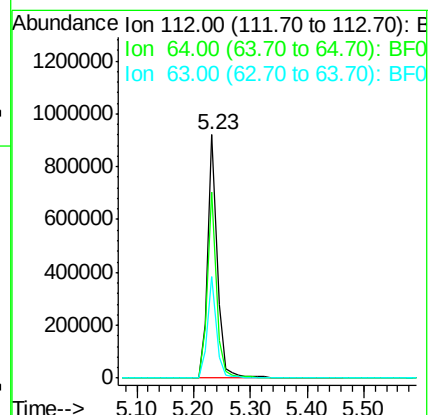
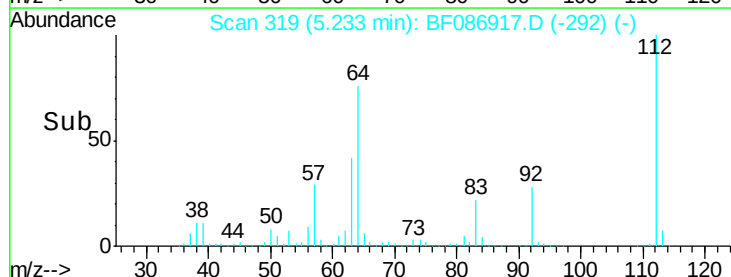
63 41.7 25.7 38.5

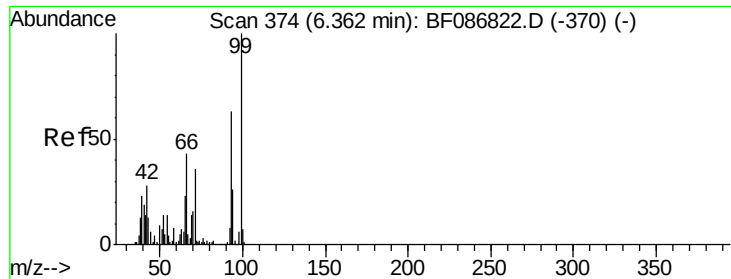


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.45 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

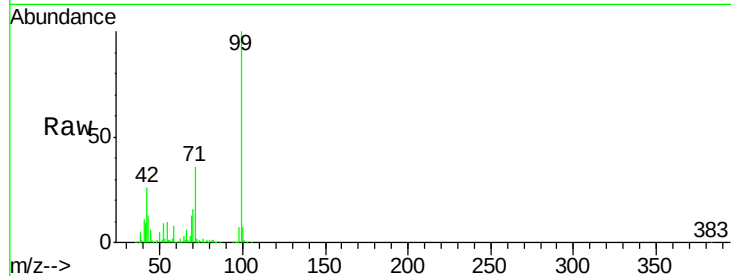
Tgt Ion: 99 Resp: 1479739

Ion Ratio Lower Upper

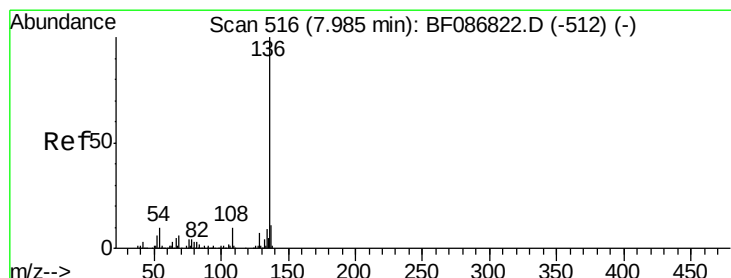
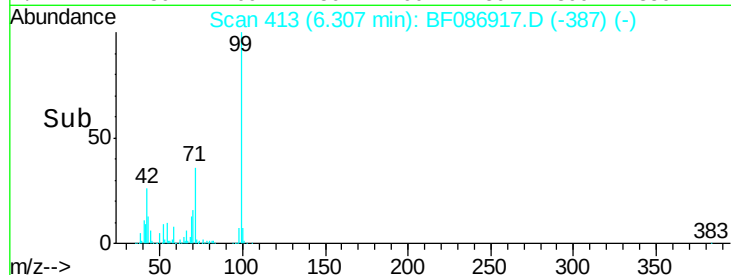
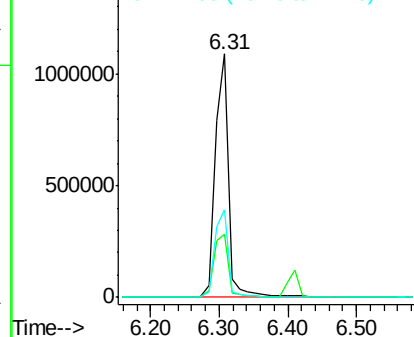
99 100

42 25.9 13.6 20.4#

71 36.0 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: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Tgt Ion: 136 Resp: 493742

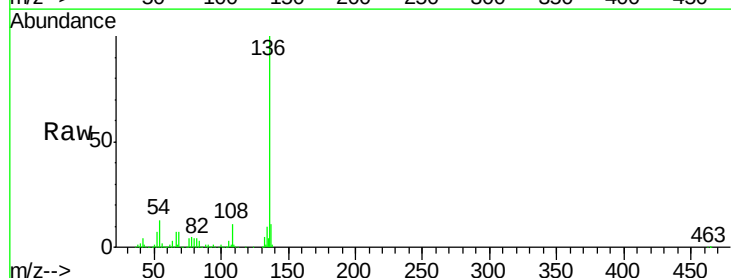
Ion Ratio Lower Upper

136 100

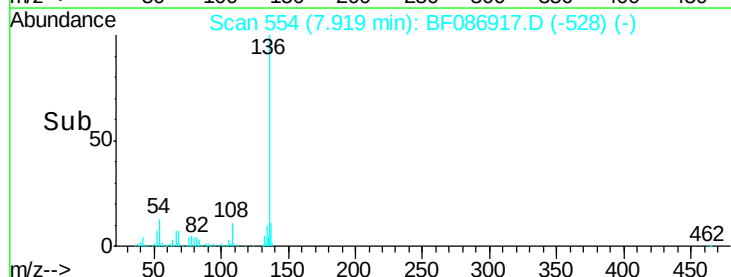
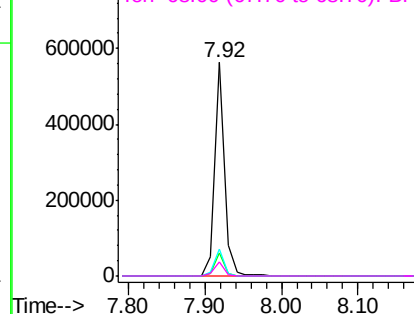
137 11.1 8.8 13.2

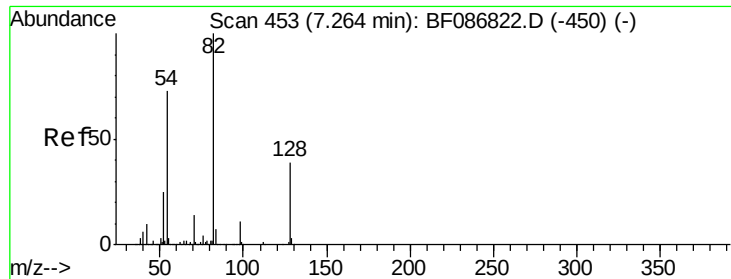
54 12.7 5.0 7.4#

68 6.8 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

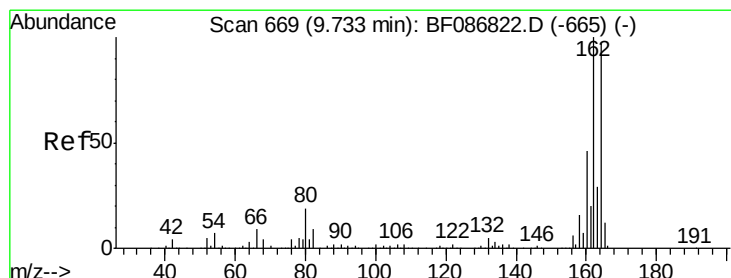
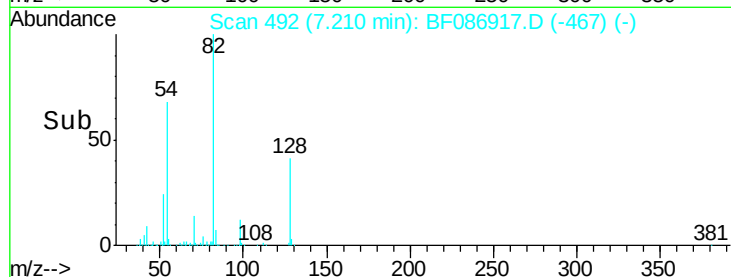
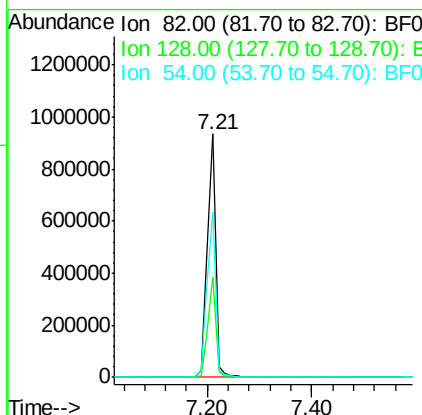
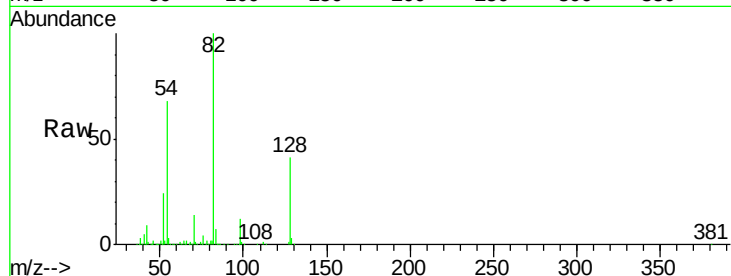




#23
 Nitrobenzene-d5
 Concen: 103.98 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

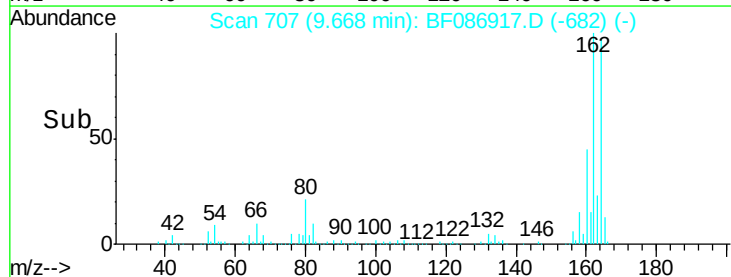
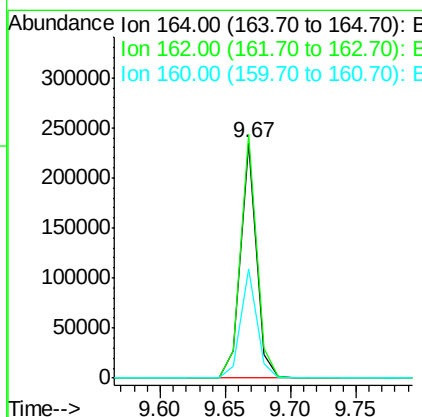
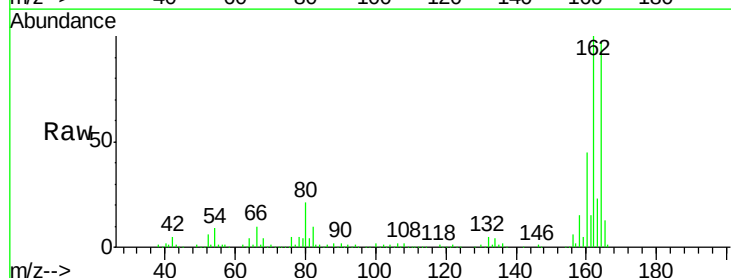
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-9K

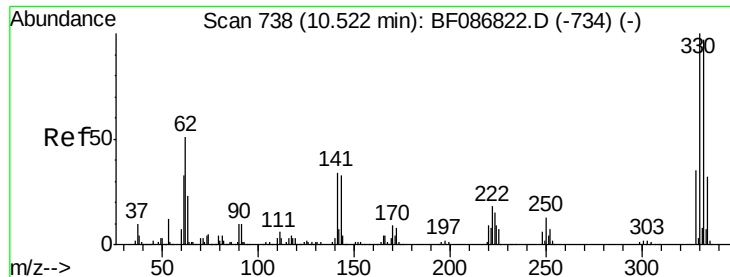
Tgt Ion: 82 Resp: 1022446
 Ion Ratio Lower Upper
 82 100
 128 41.0 40.6 61.0
 54 68.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

Tgt Ion: 164 Resp: 198422
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 46.6 36.9 55.3

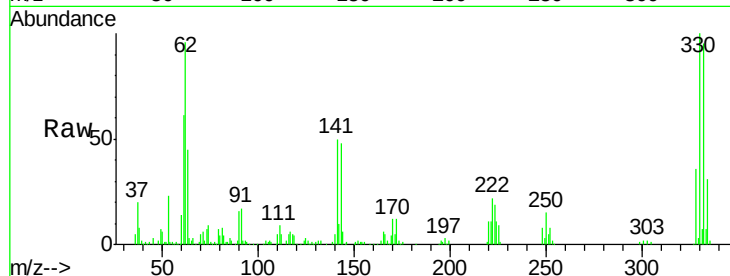




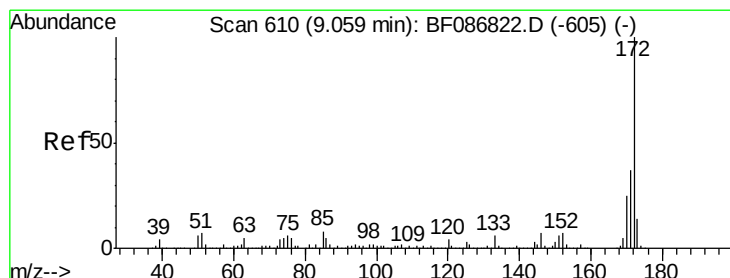
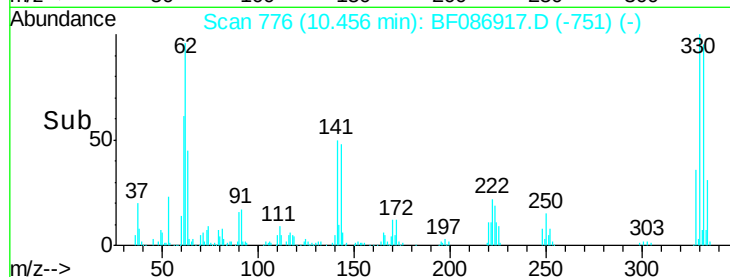
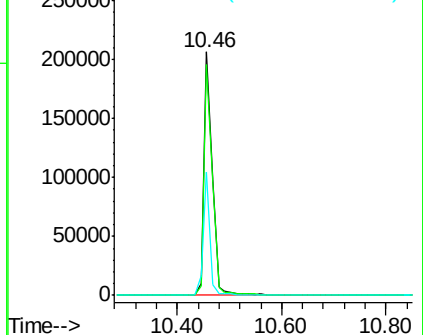
#41
 2,4,6-Tribromophenol
 Concen: 110.43 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-9K

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	40.6	31.2	46.8

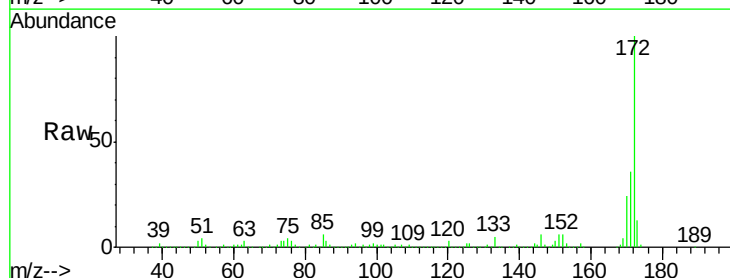


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

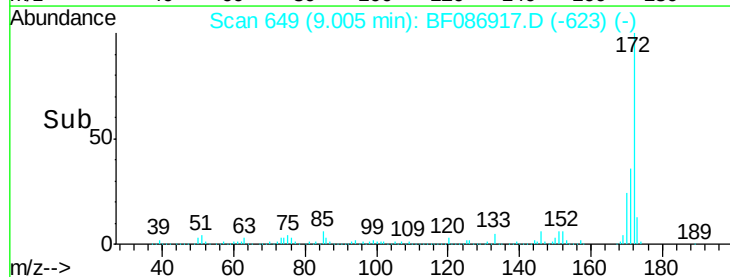
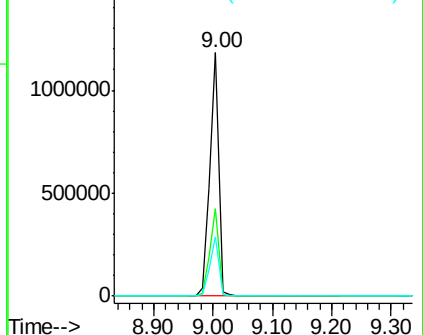


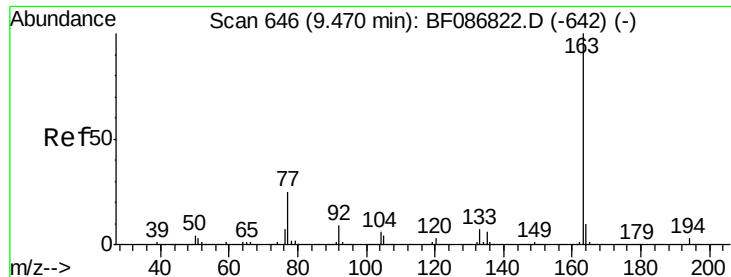
#44
 2-Fluorobiphenyl
 Concen: 103.95 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086917.D
 Acq: 12 May 2016 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	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: 12.21 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

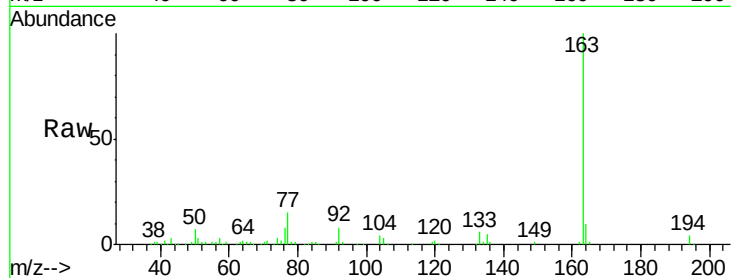
Tgt Ion:163 Resp: 184884

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

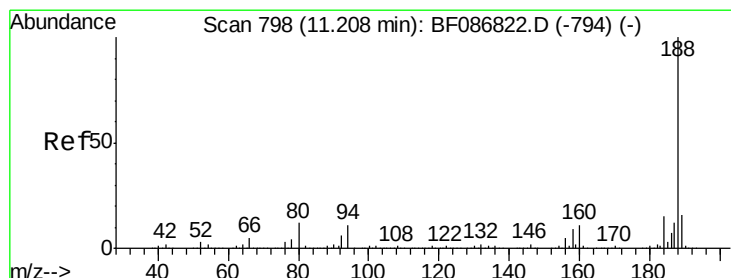
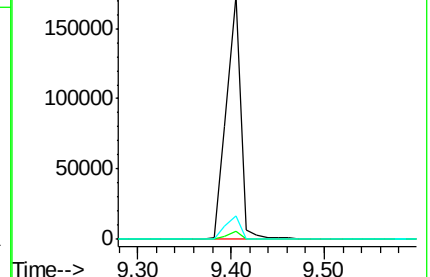
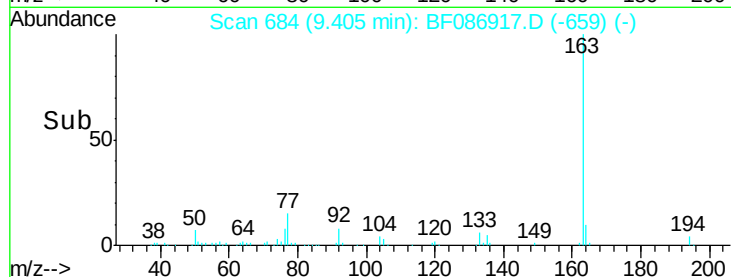
164 9.7 8.2 12.4



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: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

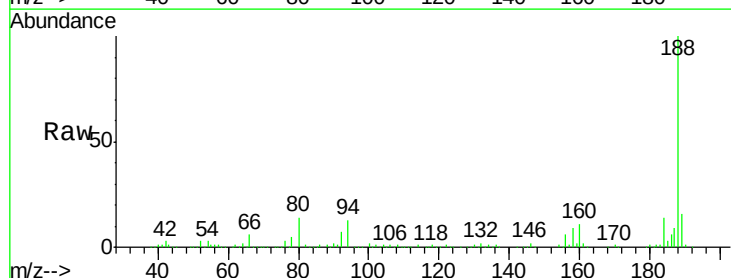
Tgt Ion:188 Resp: 305414

Ion Ratio Lower Upper

188 100

94 12.7 6.8 10.2#

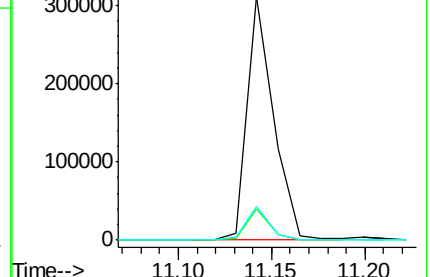
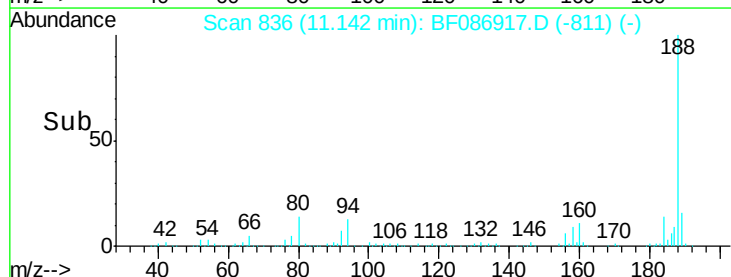
80 13.7 7.1 10.7#

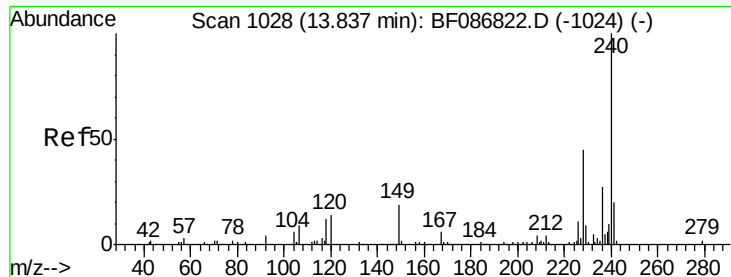


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

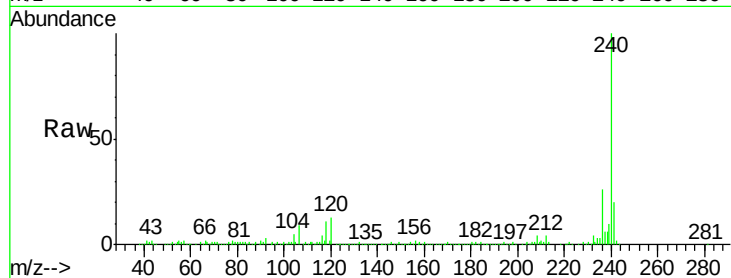
Tgt Ion:240 Resp: 291203

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

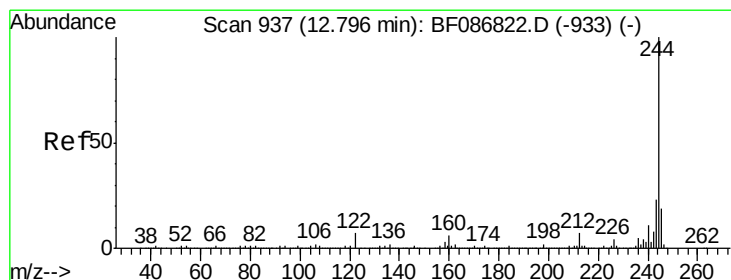
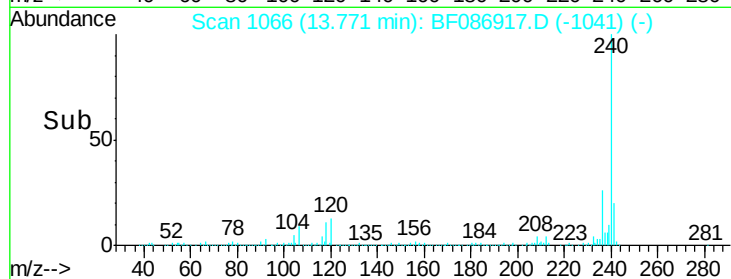
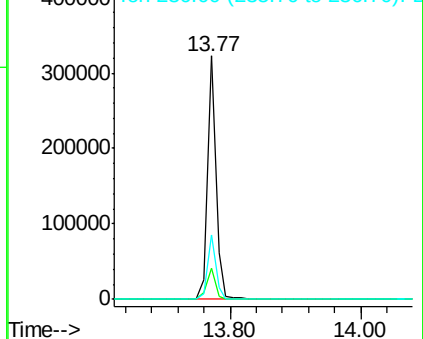
236 26.4 21.2 31.8



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: 62.66 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF086917.D

Acq: 12 May 2016 5:18

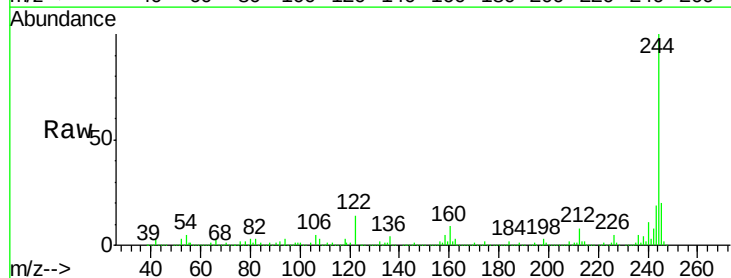
Tgt Ion:244 Resp: 859972

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

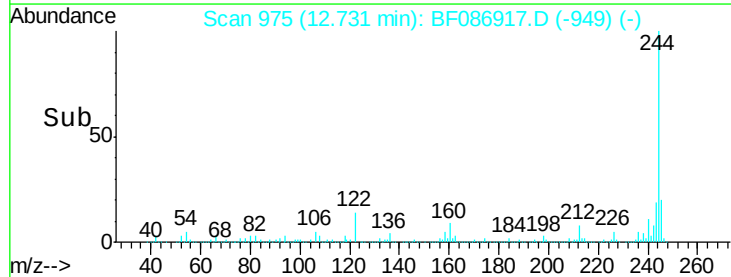
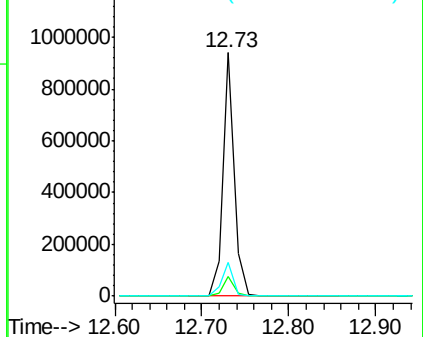
122 13.9 12.0 18.0

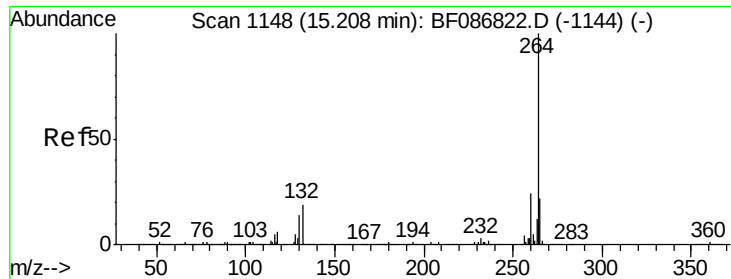


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF086917.D
Acq: 12 May 2016 5:18

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-9K

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.1	17.3	25.9

