

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089819.D
 Acq On : 20 Aug 2016 1:45
 Operator : UM/SJ
 Sample : H4528-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Quant Time: Aug 22 03:12:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

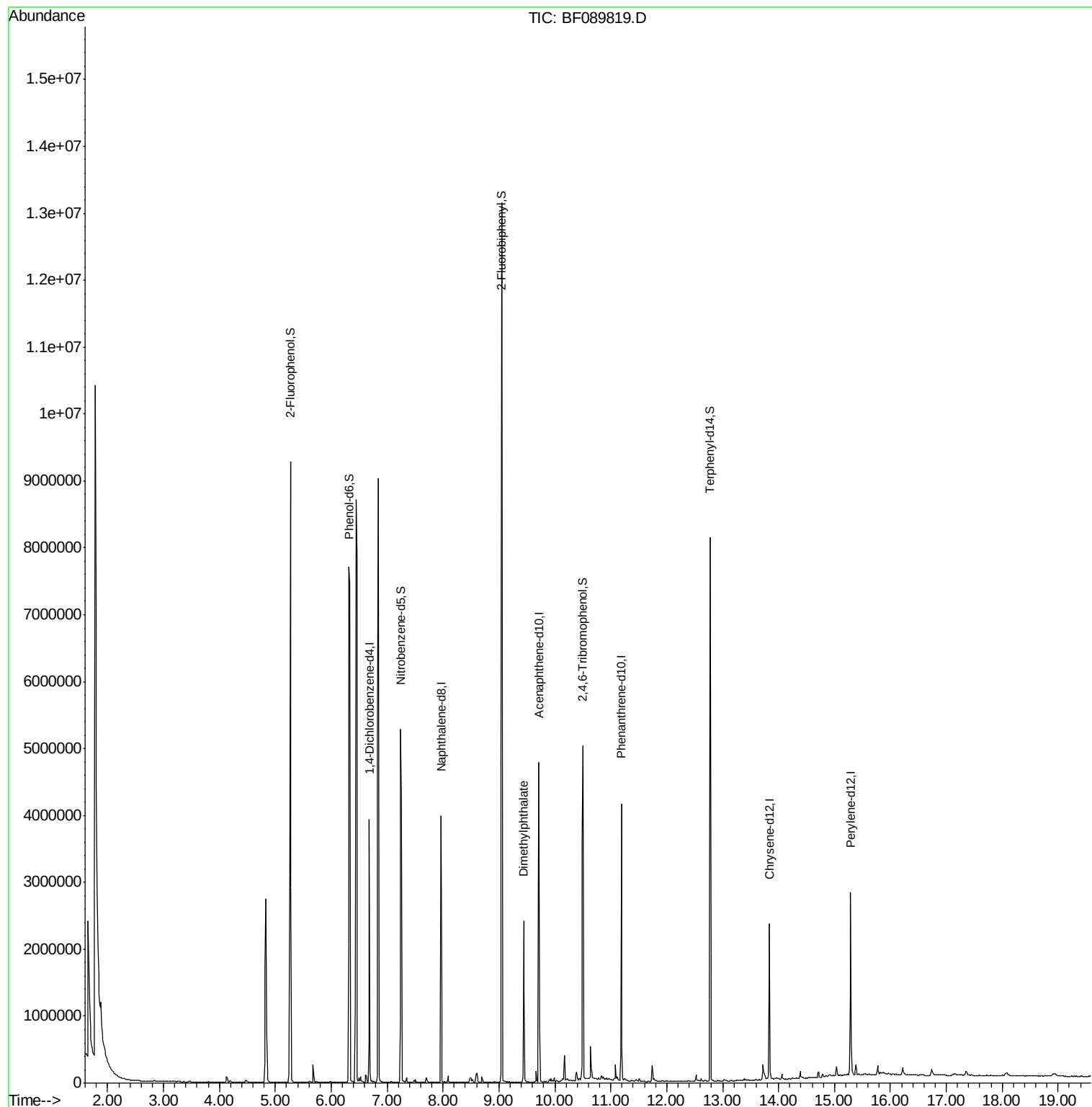
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	574407	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1890743	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	878172	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1357040	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1031462	20.00	ng	-0.03
86) Perylene-d12	15.29	264	1146974	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	3374349	100.74	ng	0.01
7) Phenol-d6	6.33	99	4737410	115.22	ng	0.01
23) Nitrobenzene-d5	7.24	82	2573590	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	850226	101.88	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4114951	82.36	ng	0.00
78) Terphenyl-d14	12.78	244	2481151	54.42	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	1274197	20.61	ng	99

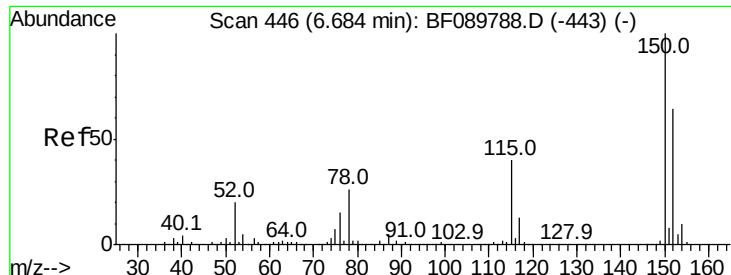
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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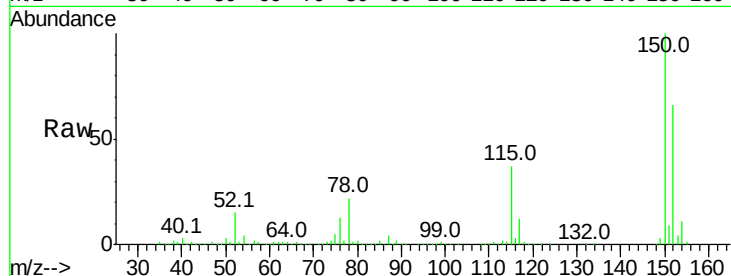


#1

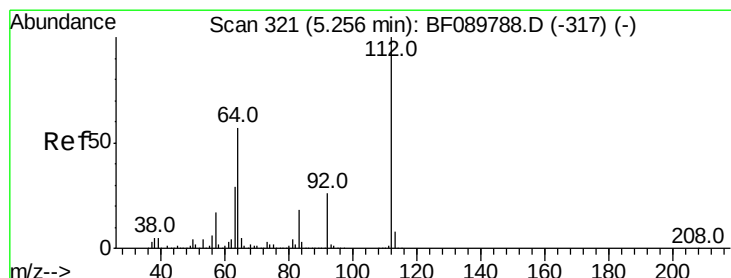
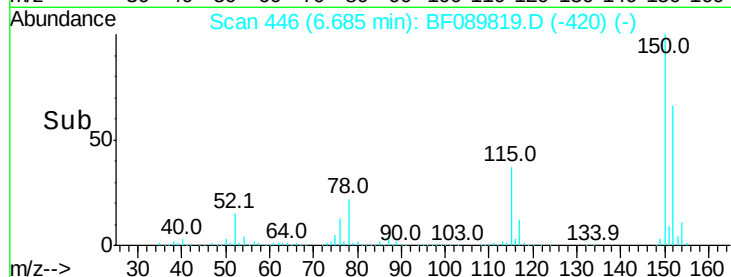
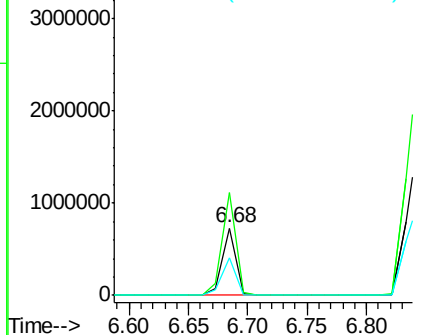
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

Instrument :
BNA_F
ClientSampleId :
VITALEFILL-MCMPH3-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.3	187.9
115	56.3	40.9	61.3



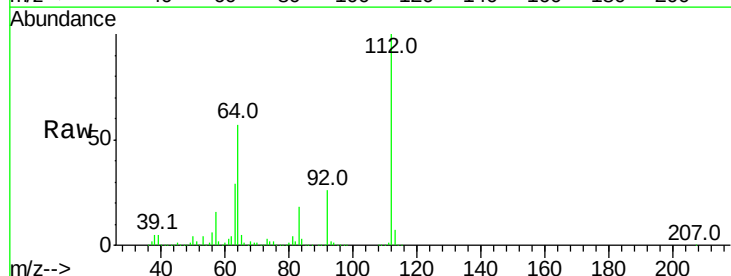
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



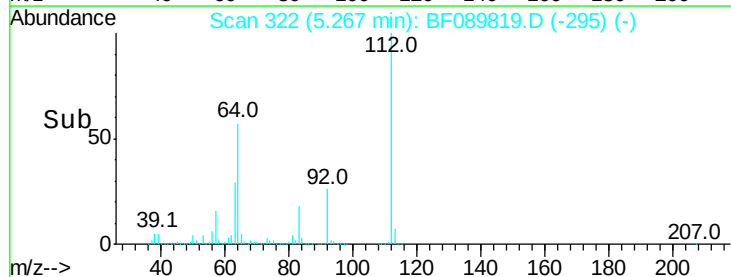
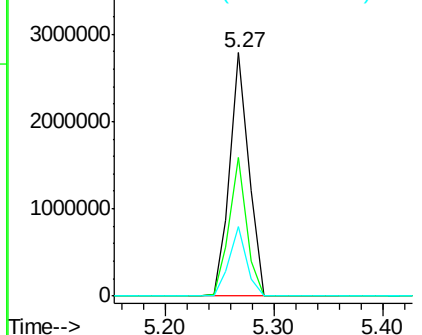
#5

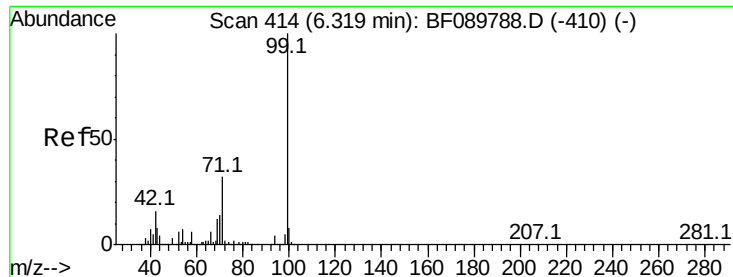
2-Fluorophenol
Concen: 100.74 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF089819.D
Acq: 20 Aug 2016 1:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.0	67.4
63	28.7	23.1	34.7



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: 115.22 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

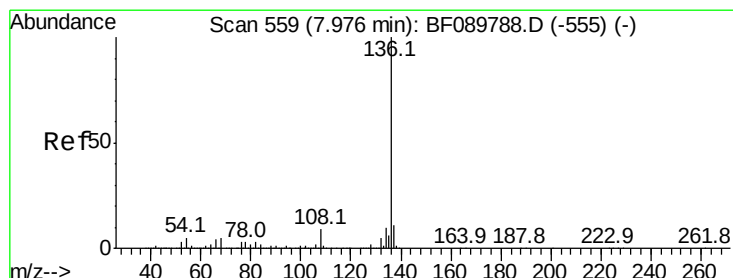
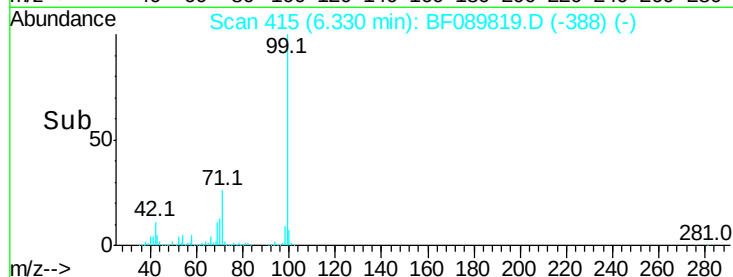
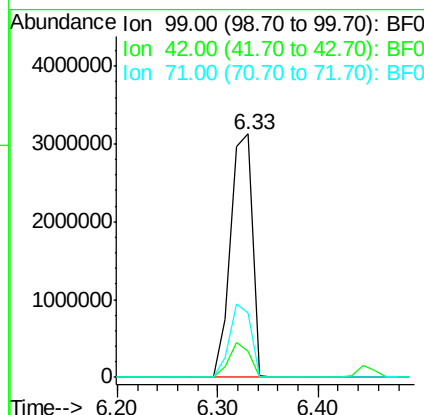
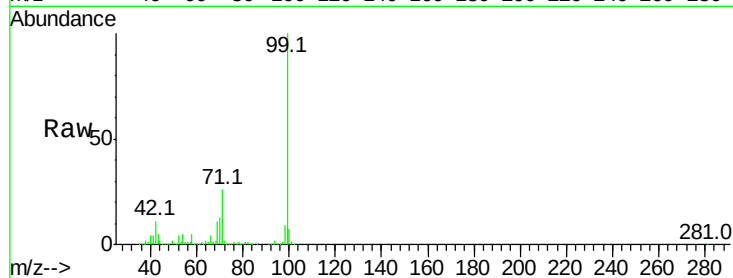
BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

Tot Ion: 99 Resp: 4737410

Ion	Ratio	Lower	Upper
99	100		
42	10.6	12.2	18.4#
71	26.2	23.8	35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

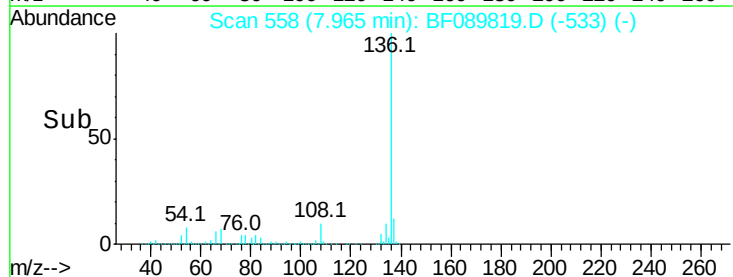
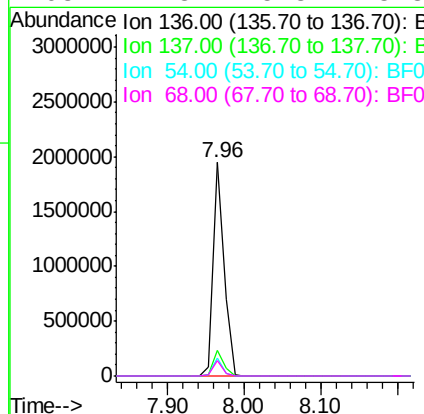
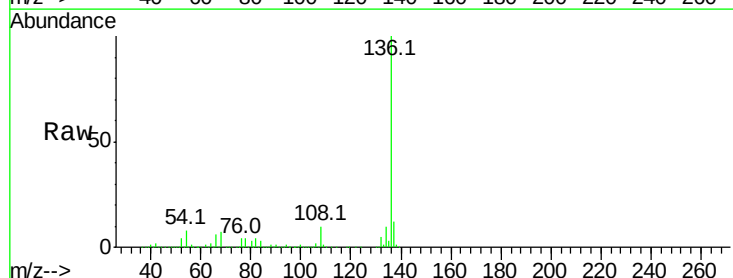
Delta R.T. -0.01 min

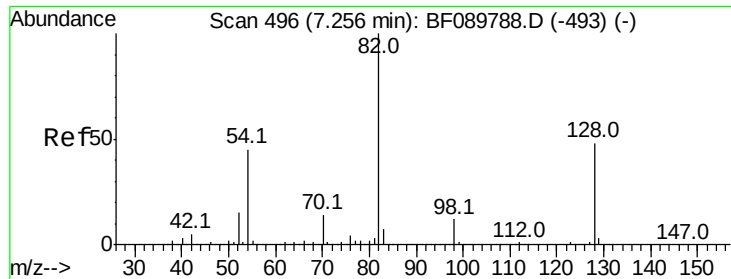
Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Tgt Ion: 136 Resp: 1890743

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	8.1	7.2	10.8
68	7.3	5.8	8.8

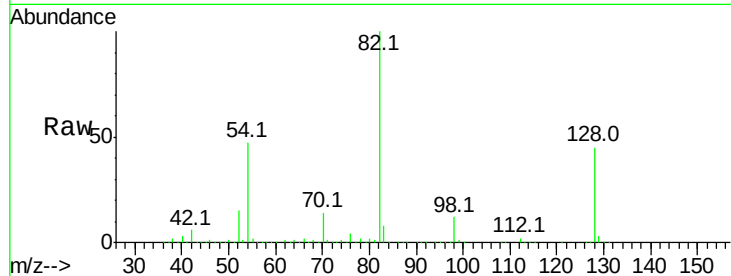




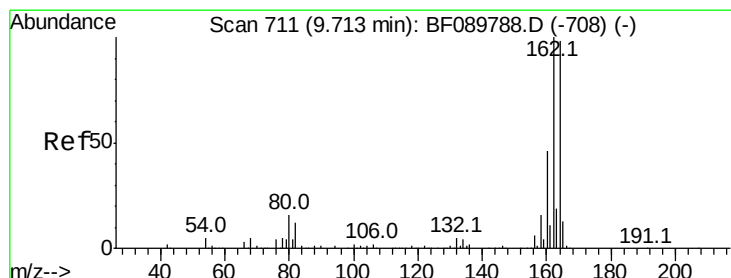
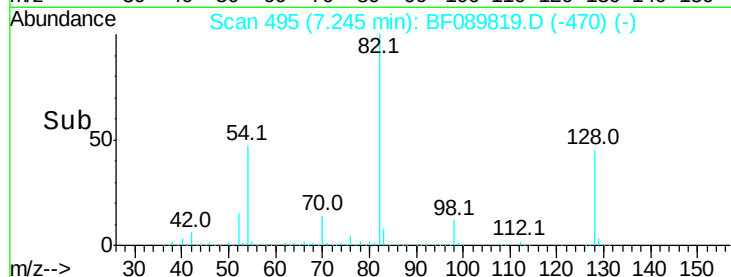
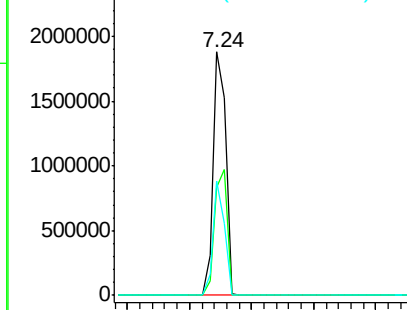
#23
 Nitrobenzene-d5
 Concen: 84.56 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Tot Ion: 82 Resp: 2573590
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.4 51.6
 54 47.1 40.3 60.5

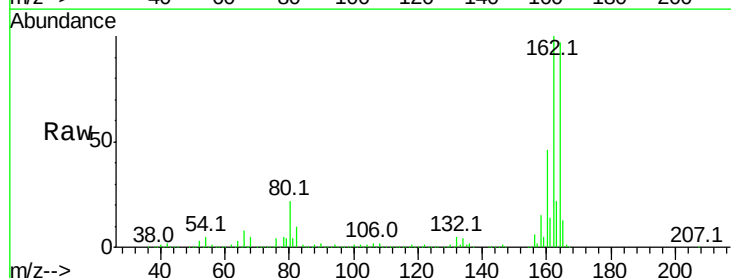


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

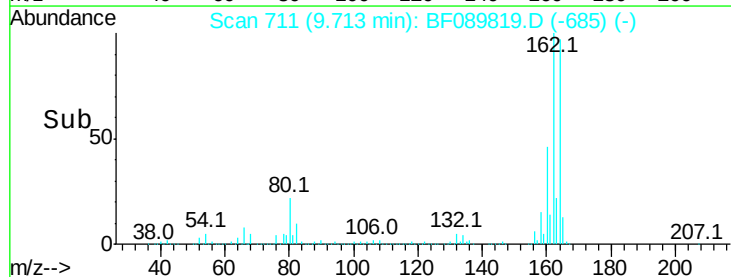
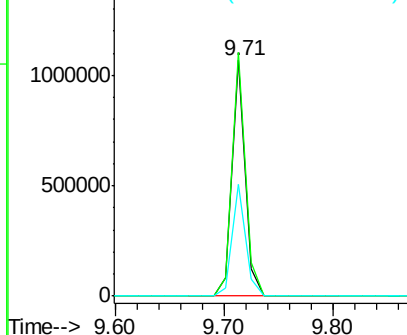


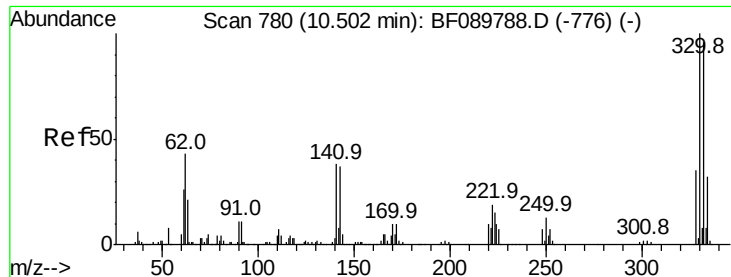
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion:164 Resp: 878172
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.4 122.2
 160 47.4 37.8 56.6



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

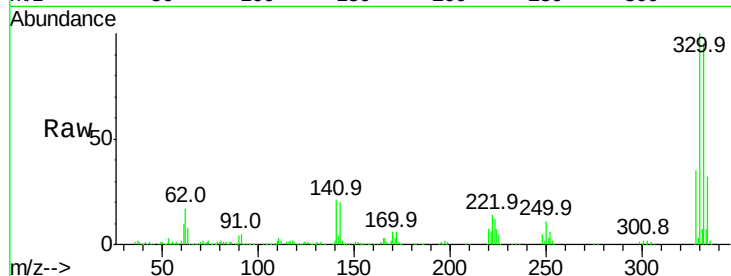




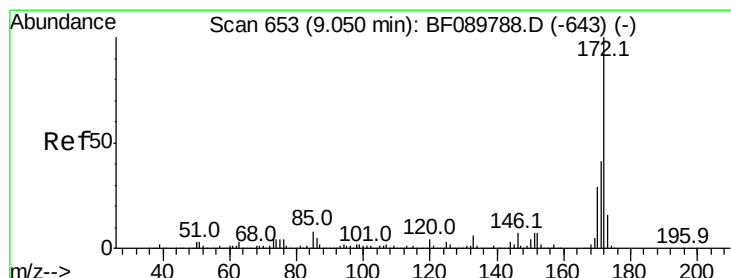
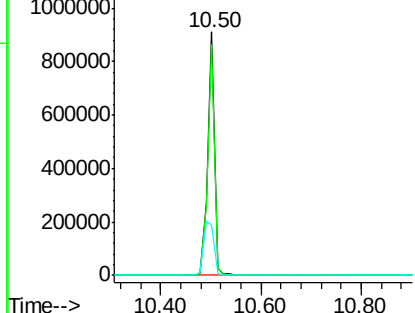
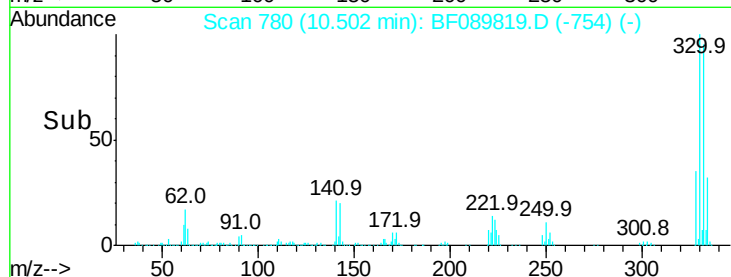
#41
 2,4,6-Tribromophenol
 Concen: 101.88 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Tot Ion:330 Resp: 850226
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.7 115.1
 141 33.8 30.2 45.2

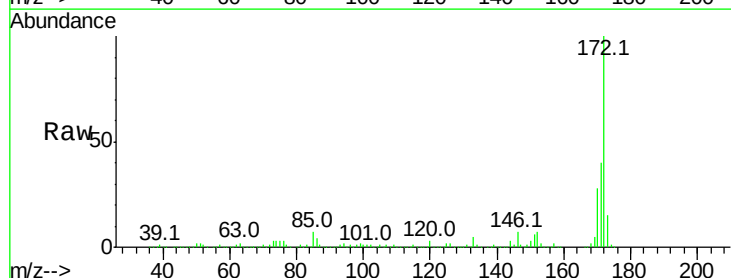


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

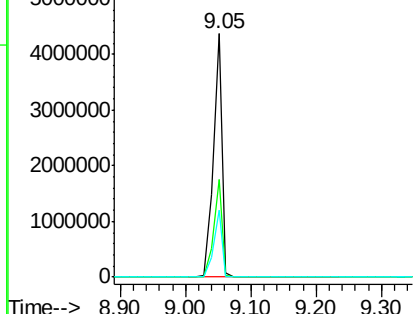
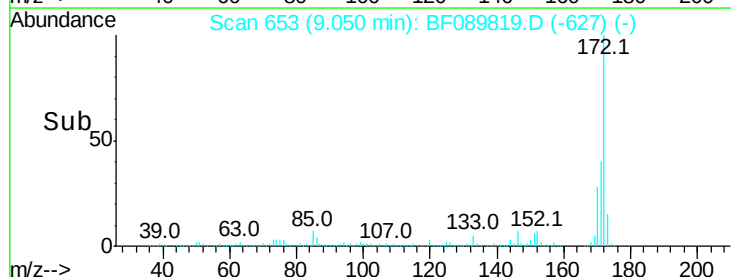


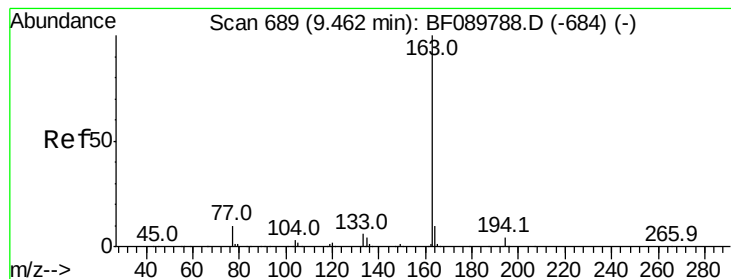
#44
 2-Fluorobiphenyl
 Concen: 82.36 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Tgt Ion:172 Resp: 4114951
 Ion Ratio Lower Upper
 172 100
 171 40.0 30.5 45.7
 170 27.6 20.6 31.0



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: 20.61 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

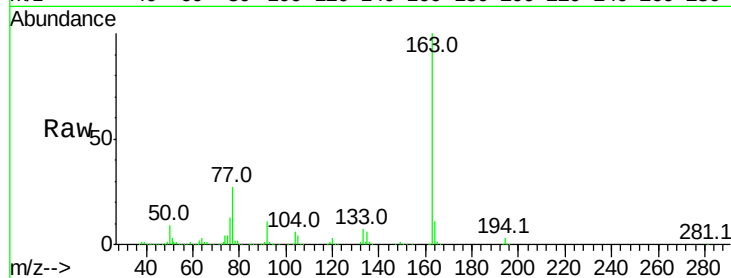
Tot Ion:163 Resp: 1274197

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

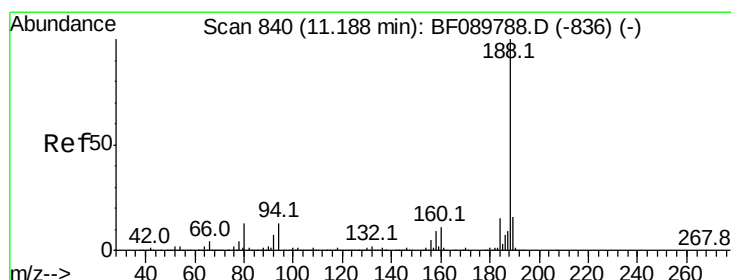
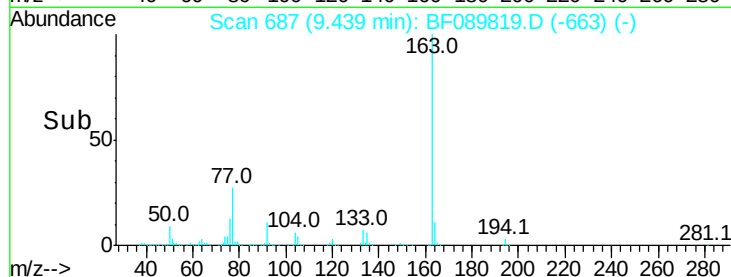
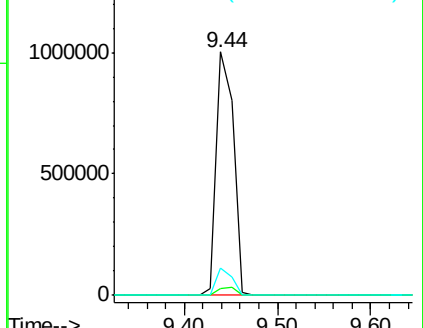
164 11.2 8.6 12.8



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: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

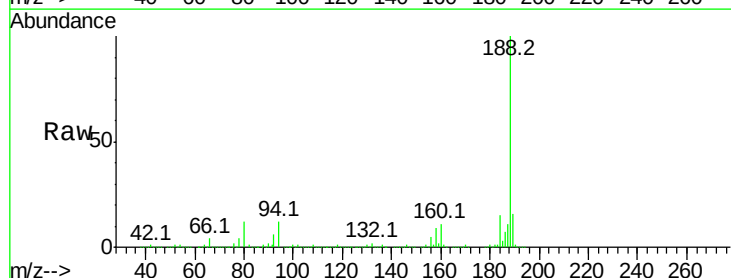
Tgt Ion:188 Resp: 1357040

Ion Ratio Lower Upper

188 100

94 11.7 10.2 15.2

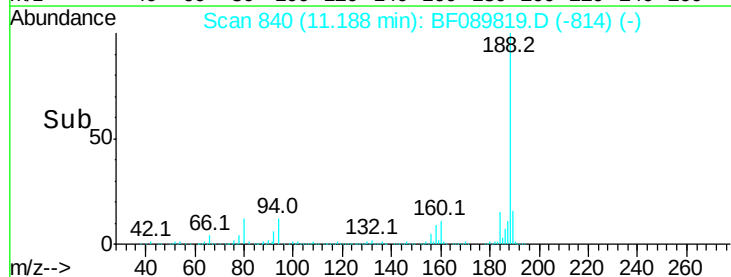
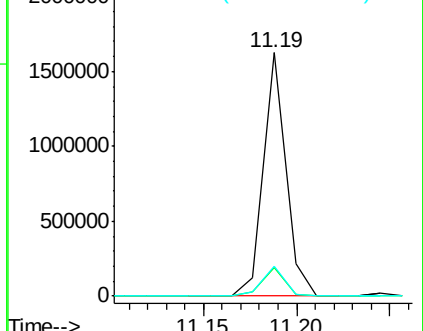
80 12.0 10.9 16.3

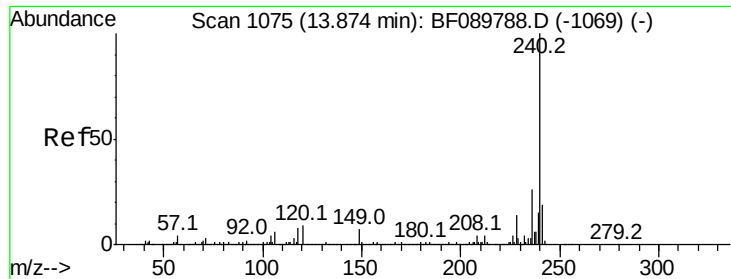


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

Instrument :

BNA_F

ClientSampleId :

VITALEFILL-MCMPH3-5

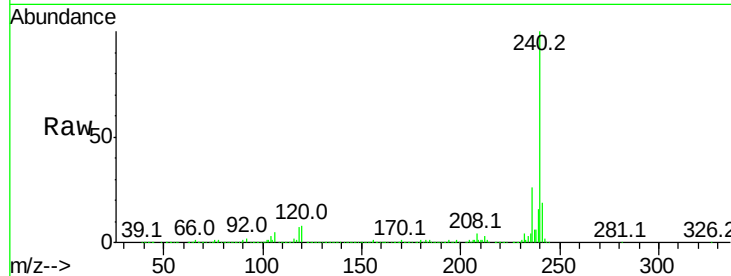
Tot Ion:240 Resp: 1031462

Ion Ratio Lower Upper

240 100

120 8.1 8.3 12.5#

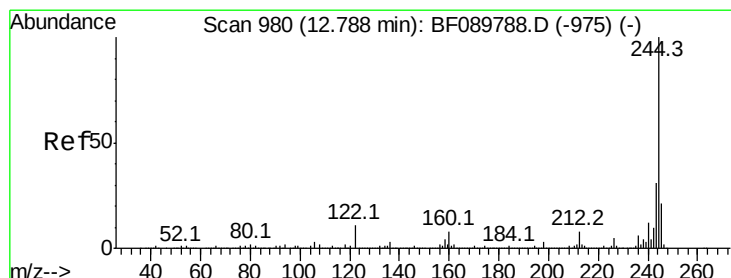
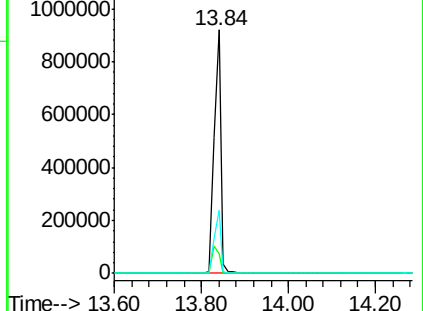
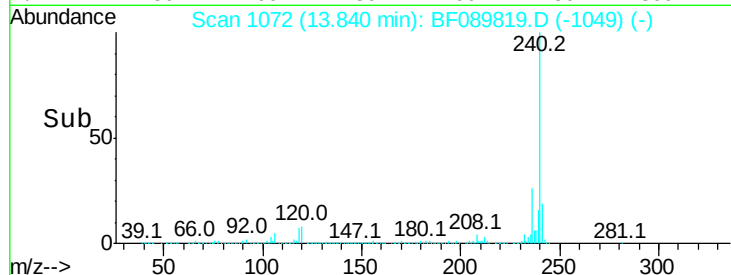
236 26.1 21.3 31.9



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: 54.42 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089819.D

Acq: 20 Aug 2016 1:45

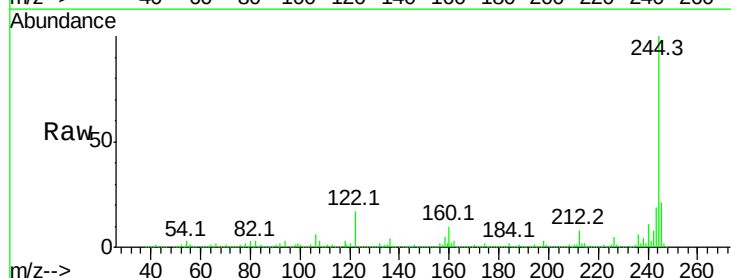
Tgt Ion:244 Resp: 2481151

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

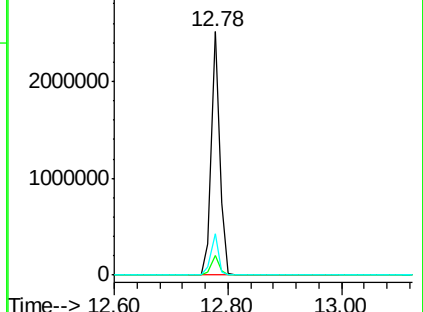
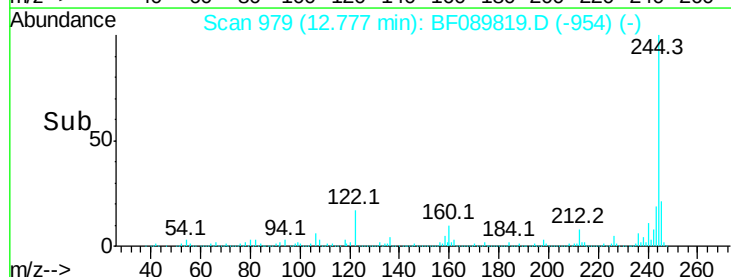
122 16.9 12.0 18.0

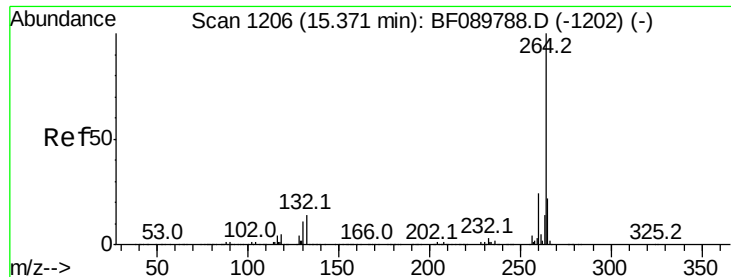


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.08 min
 Lab File: BF089819.D
 Acq: 20 Aug 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Tot Ion:264 Resp: 1146974
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.2
 265 22.1 17.4 26.2

