

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081140.D
 Acq On : 20 Aug 2015 23:17
 Operator : UM/IZ
 Sample : G3312-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1B

Quant Time: Aug 21 02:57:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

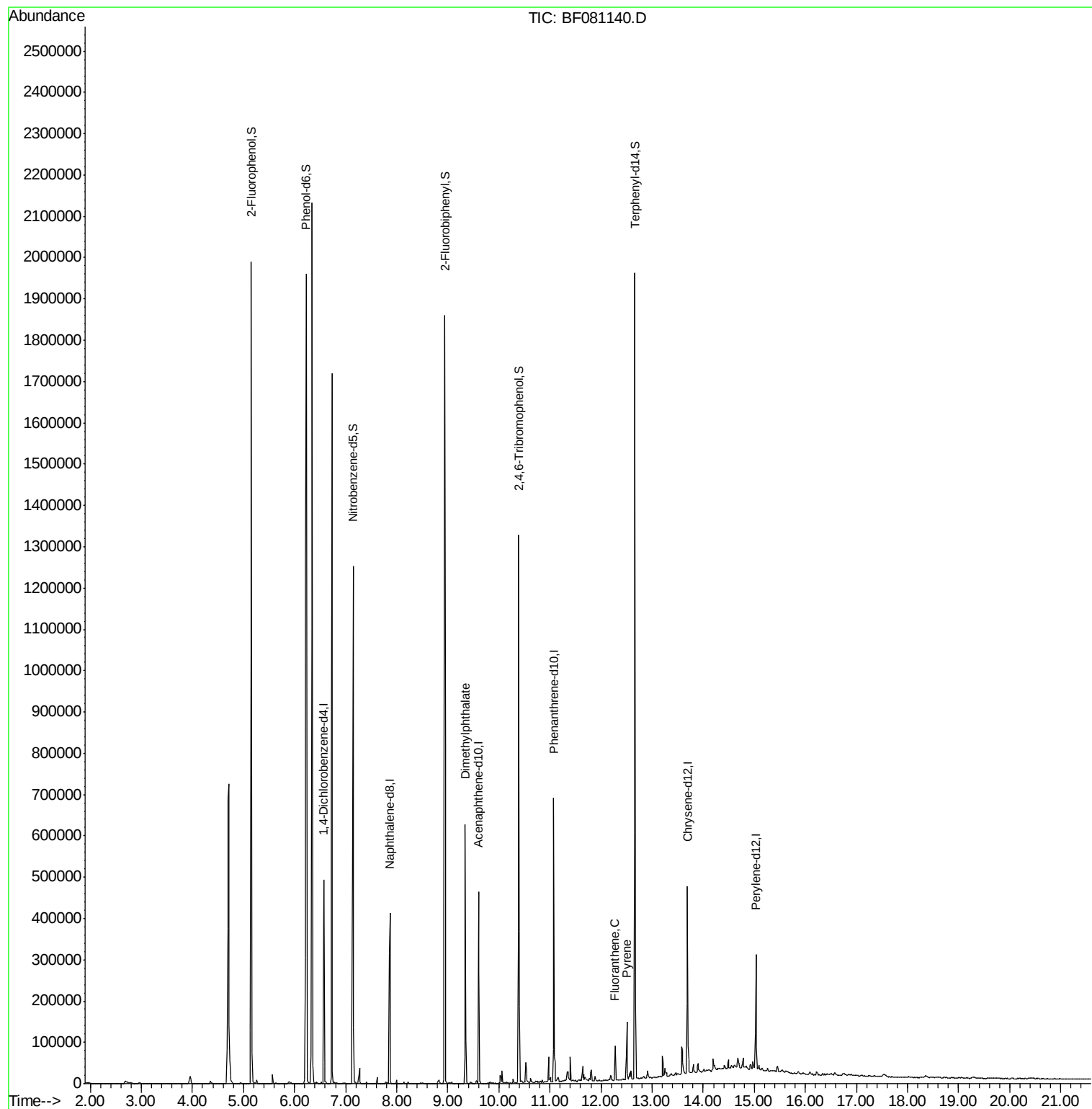
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	63325	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	245723	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	106995	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	224607	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	154412	20.00	ng	-0.01
86) Perylene-d12	15.03	264	103954	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	544230	129.27	ng	0.01
7) Phenol-d6	6.23	99	811878	147.80	ng	0.00
23) Nitrobenzene-d5	7.14	82	441261	82.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	118357	127.61	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	707603	86.65	ng	-0.02
78) Terphenyl-d14	12.67	244	573619	79.64	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.34	163	226243	25.68	ng	100
74) Fluoranthene	12.28	202	31994	2.23	ng	94
77) Pyrene	12.51	202	26326	2.10	ng	98

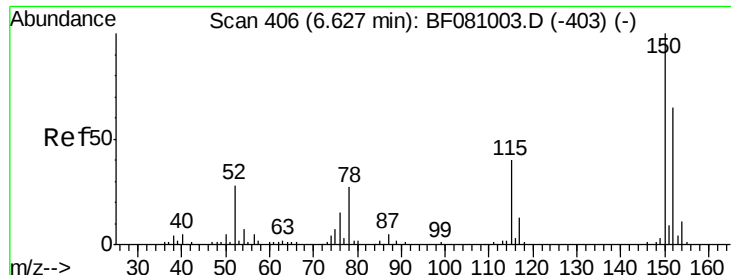
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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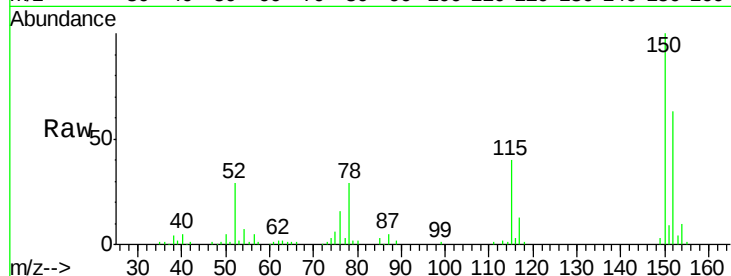


#1

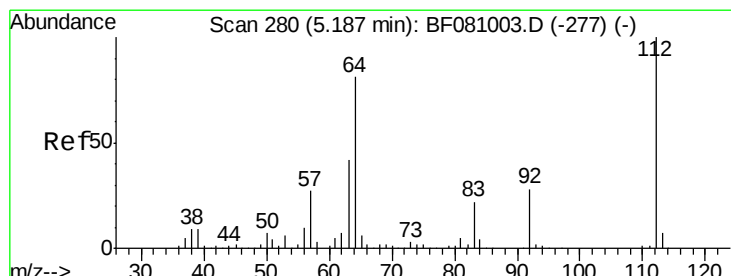
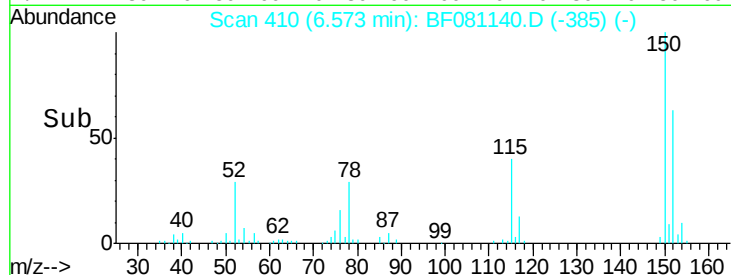
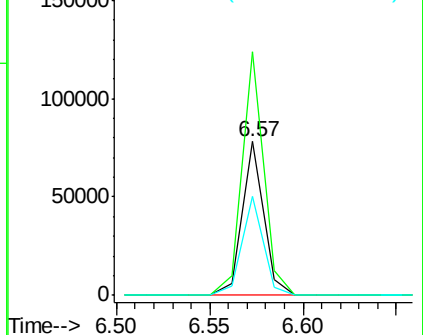
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF081140.D
 Acq: 20 Aug 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1B

Tot Ion:152 Resp: 63325
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.8 185.6
 115 64.0 52.1 78.1



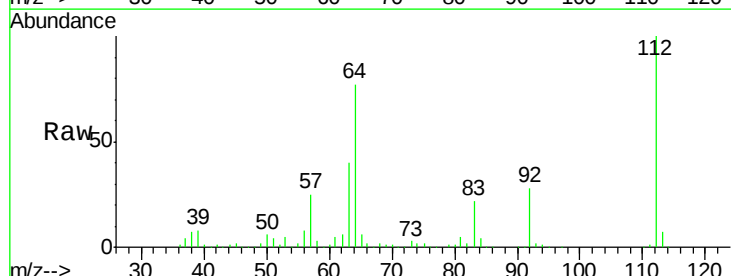
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



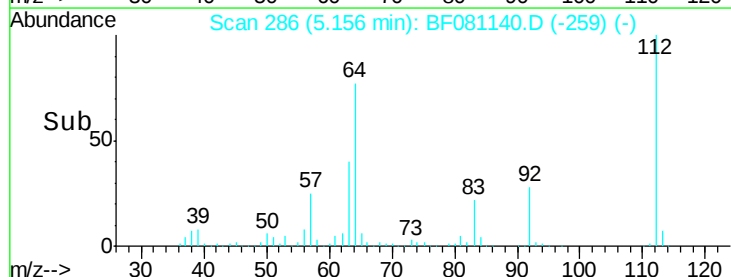
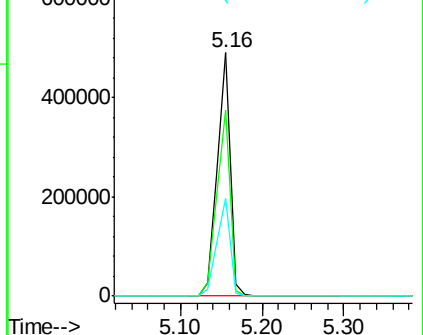
#5

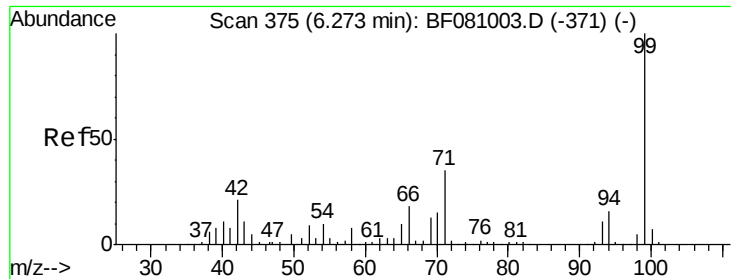
2-Fluorophenol
 Concen: 129.27 ng
 RT: 5.16 min Scan# 286
 Delta R.T. 0.01 min
 Lab File: BF081140.D
 Acq: 20 Aug 2015 23:17

Tgt Ion:112 Resp: 544230
 Ion Ratio Lower Upper
 112 100
 64 76.6 66.9 100.3
 63 40.4 38.1 57.1



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: 147.80 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081140.D

Acq: 20 Aug 2015 23:17

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1B

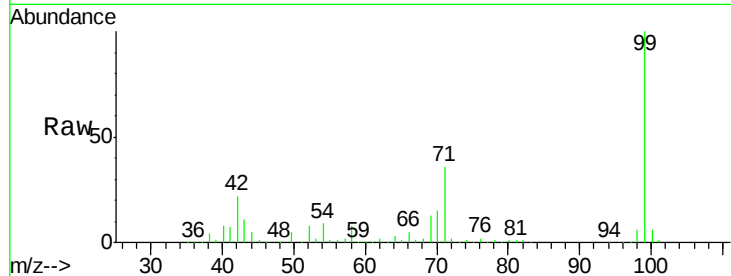
Tot Ion: 99 Resp: 811878

Ion Ratio Lower Upper

99 100

42 21.7 19.6 29.4

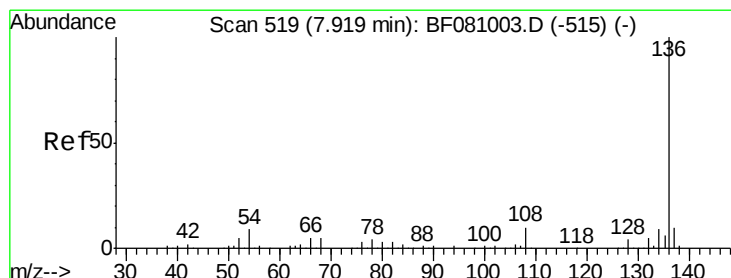
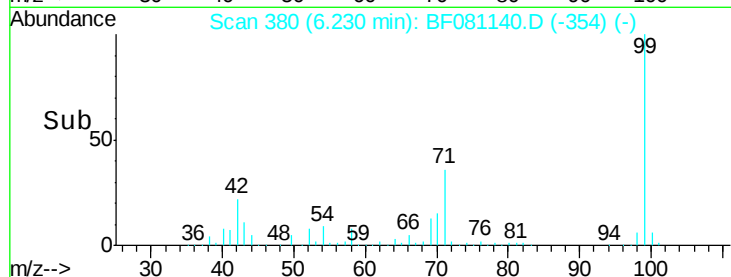
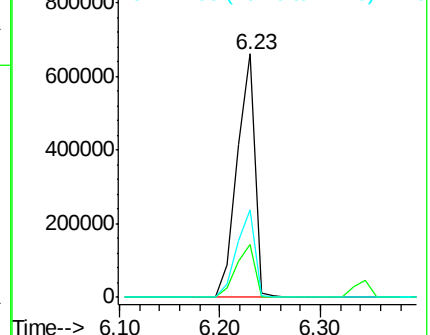
71 36.2 31.2 46.8



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: 7.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF081140.D

Acq: 20 Aug 2015 23:17

Tgt Ion: 136 Resp: 245723

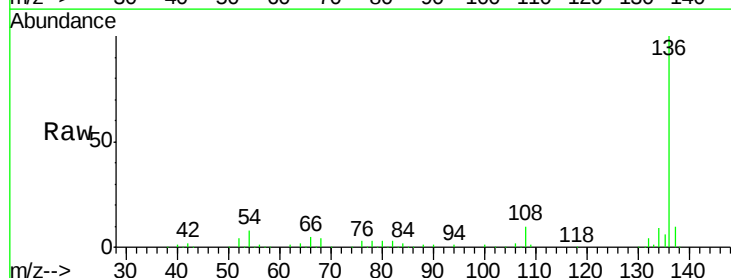
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.2

54 7.8 7.7 11.5

68 4.3 3.4 5.2

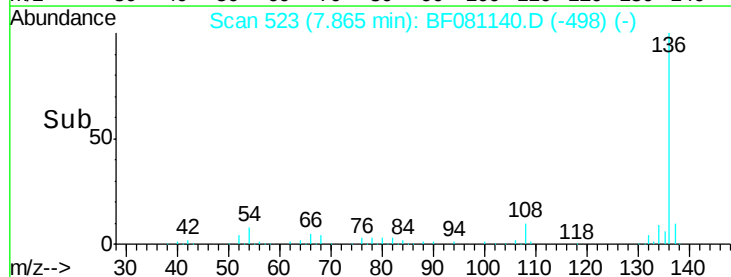
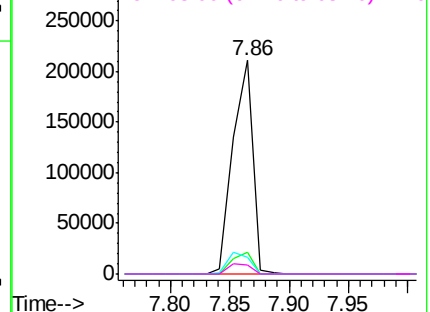


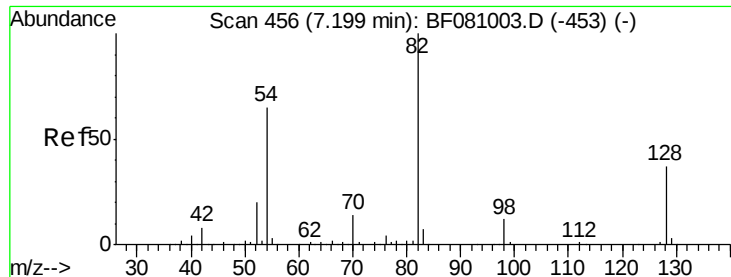
Abundance Ion 136.00 (135.70 to 136.70): E

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

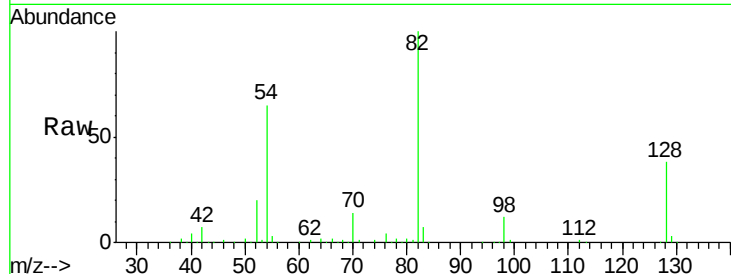




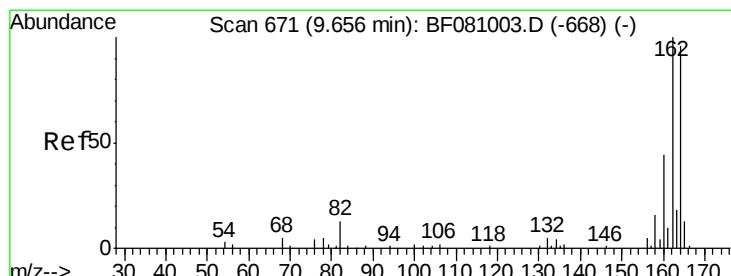
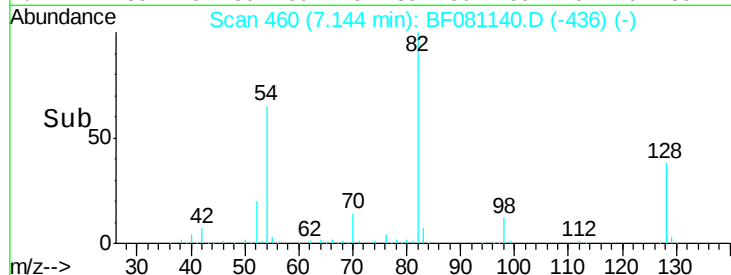
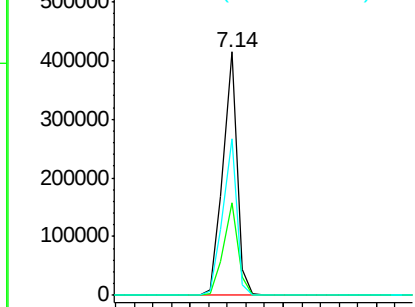
#23
 Nitrobenzene-d5
 Concen: 82.03 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF081140.D
 Acq: 20 Aug 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1B

Tot Ion	82	Resp	441261
Ion Ratio	Lower	Upper	
82	100		
128	37.9	28.6	42.8
54	64.5	55.1	82.7

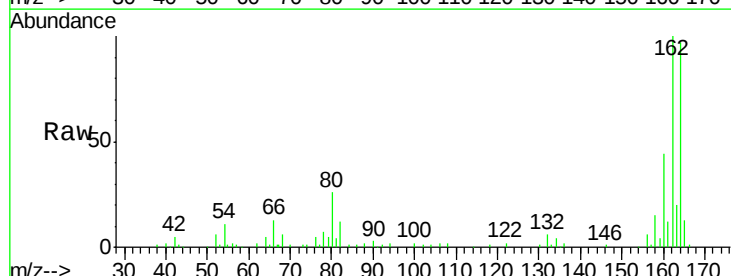


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

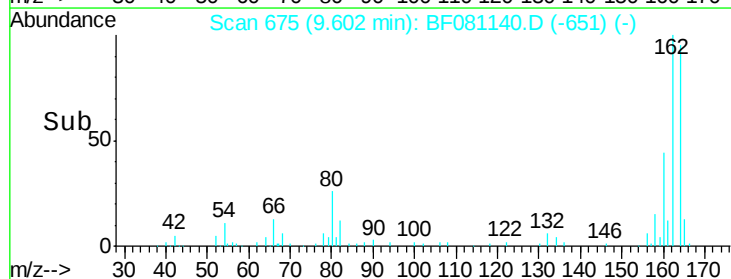
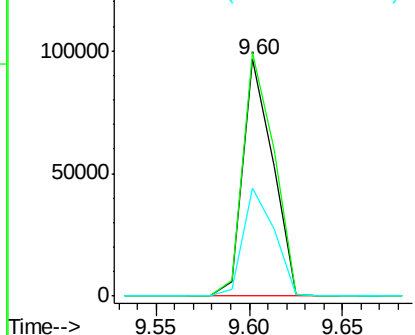


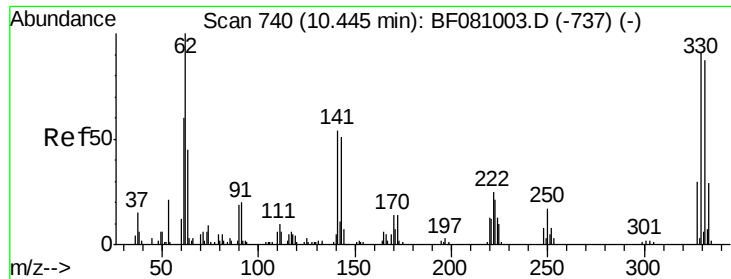
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF081140.D
 Acq: 20 Aug 2015 23:17

Tgt Ion	164	Resp	106995
Ion Ratio	Lower	Upper	
164	100		
162	102.7	83.8	125.8
160	45.7	39.8	59.8



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

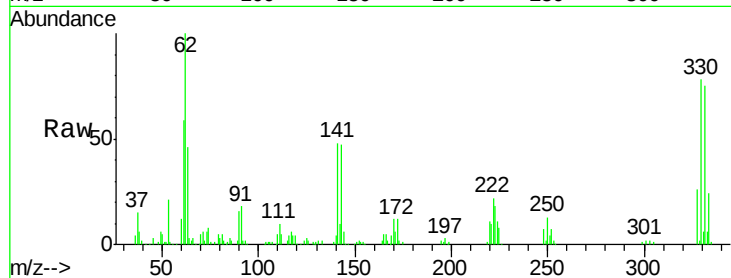




#41
 2,4,6-Tribromophenol
 Concen: 127.61 ng
 RT: 10.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF081140.D
 Acq: 20 Aug 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	52.6	44.9	67.3

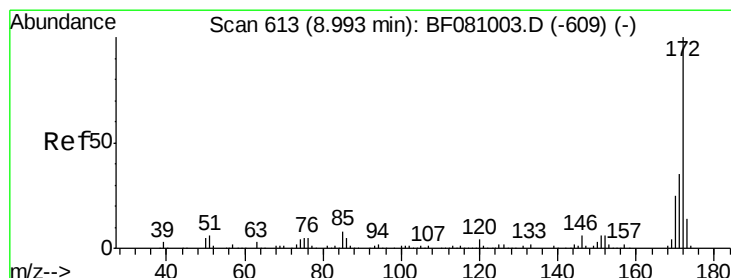
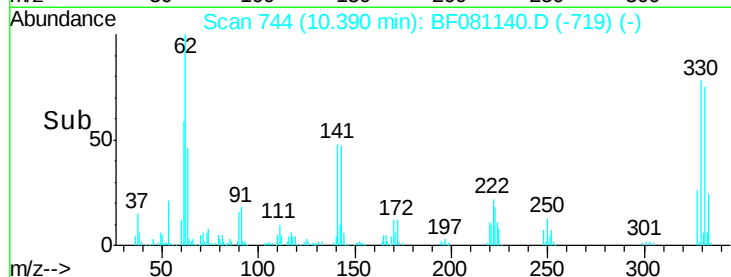
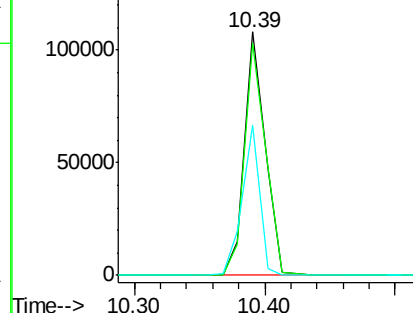


Abundance

Ion 329.80 (329.50 to 330.50): E

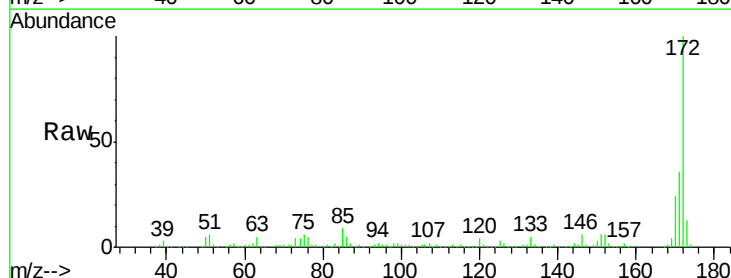
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.65 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF081140.D
 Acq: 20 Aug 2015 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.1	19.4	29.2

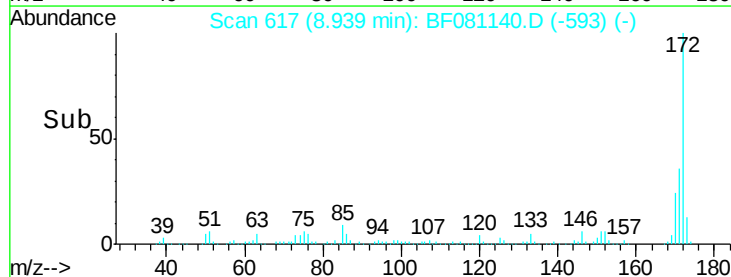
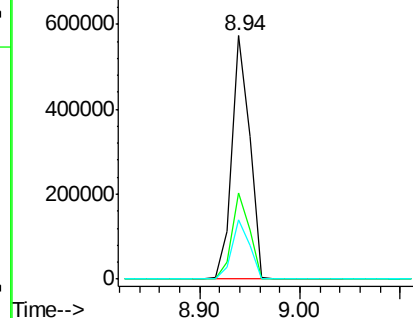


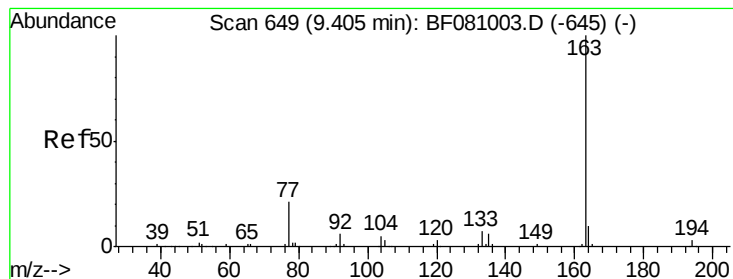
Abundance

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: 25.68 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF081140.D

Acq: 20 Aug 2015 23:17

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1B

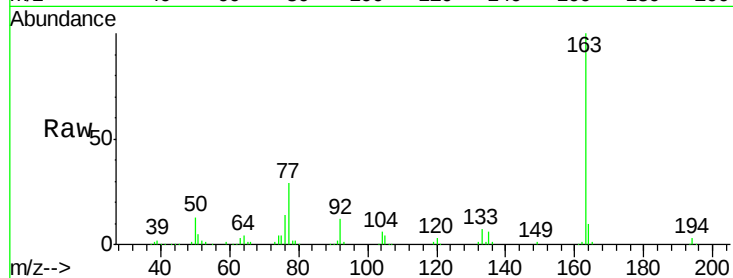
Tot Ion:163 Resp: 226243

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

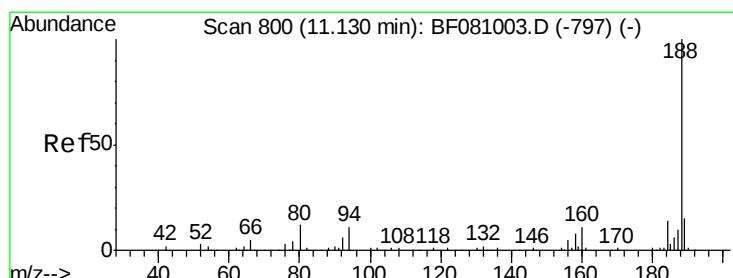
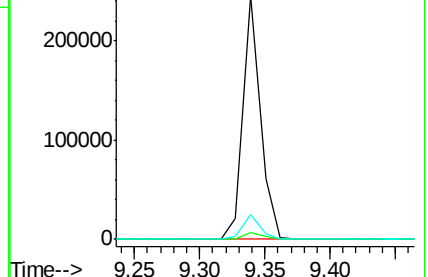
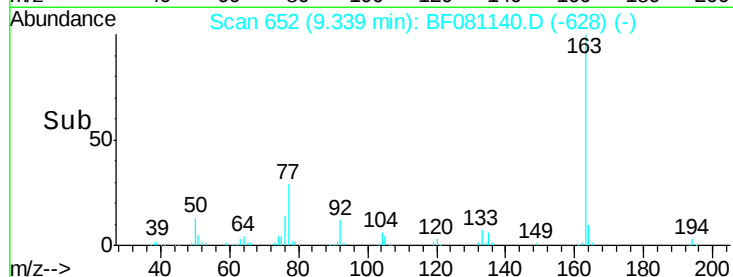
164 10.2 8.1 12.1



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: 11.08 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF081140.D

Acq: 20 Aug 2015 23:17

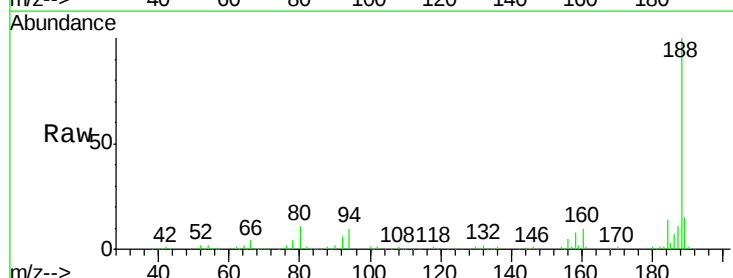
Tgt Ion:188 Resp: 224607

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

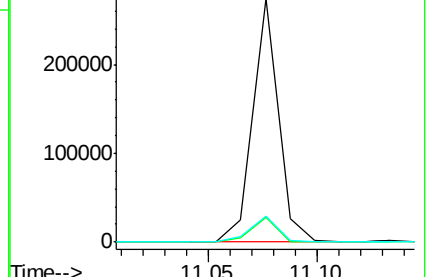
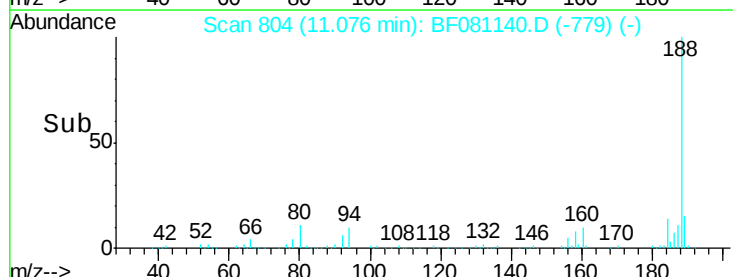
80 10.8 9.5 14.3

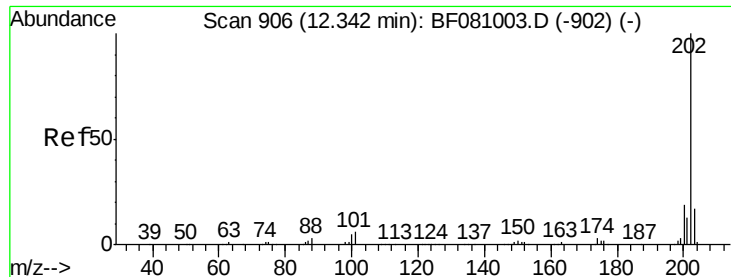


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

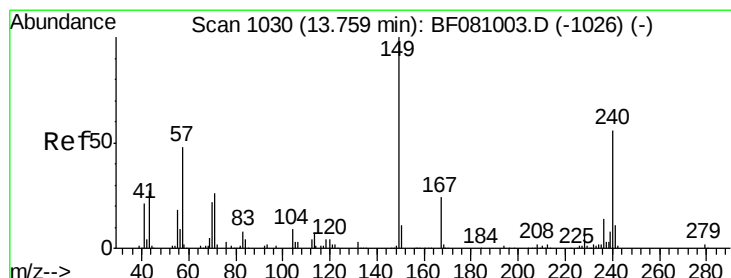
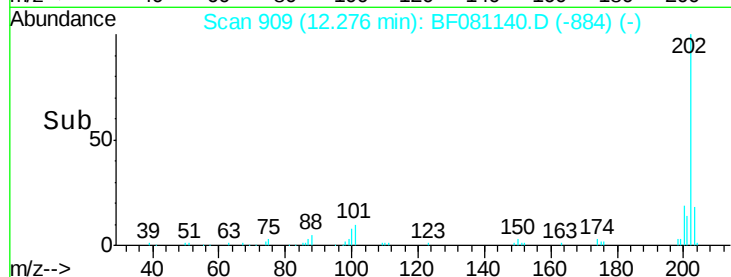
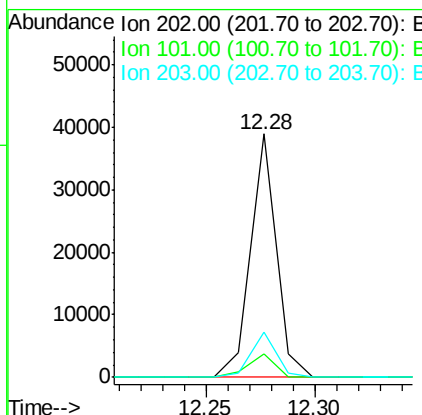
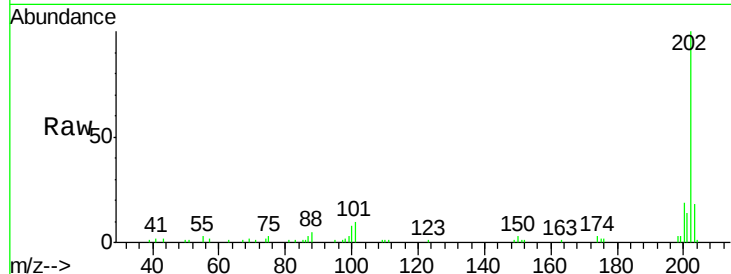




#74
 Fluoranthene
 Concen: 2.23 ng
 RT: 12.28 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF081140.D
 Acq: 20 Aug 2015 23:17

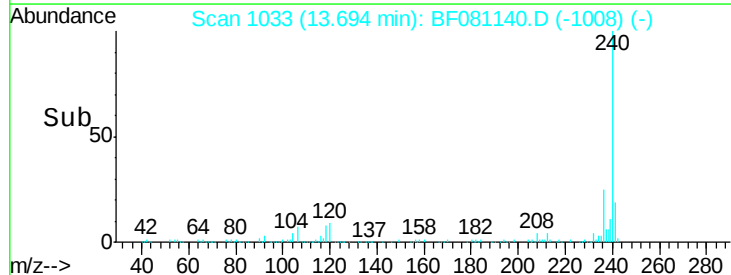
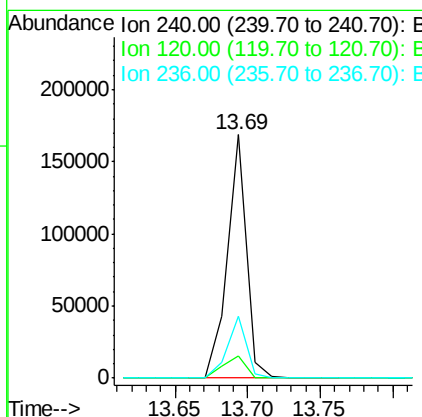
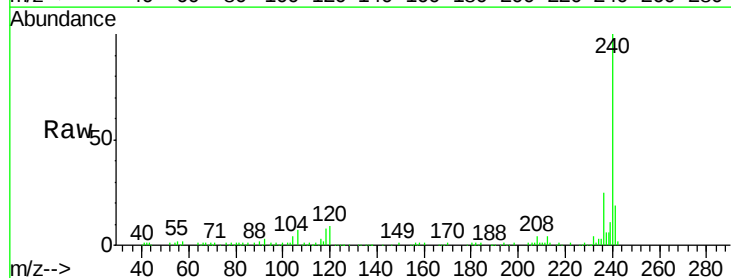
Instrument :
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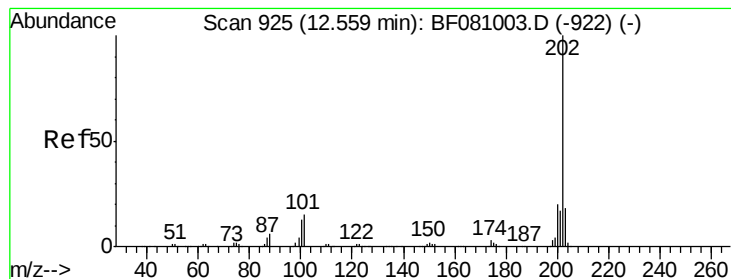
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	24.8
203	18.3	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF081140.D
 Acq: 20 Aug 2015 23:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.6	8.4#
236	25.5	20.6	30.8





#77

Pvrene

Concen: 2.10 ng

RT: 12.51 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF081140.D

Acq: 20 Aug 2015 23:17

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1B

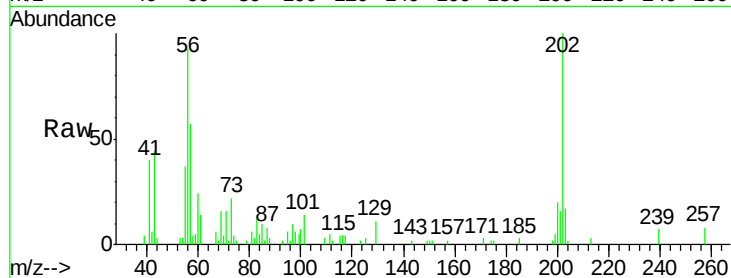
Tot Ion:202 Resp: 26326

Ion Ratio Lower Upper

202 100

200 19.7 16.6 24.8

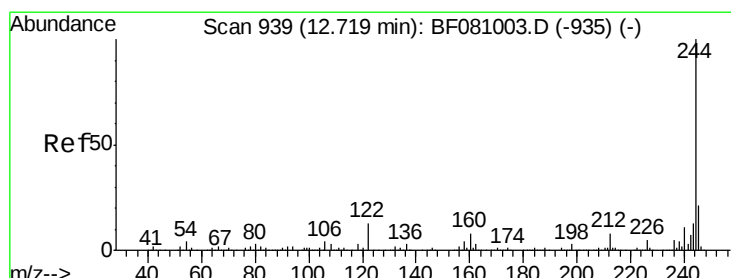
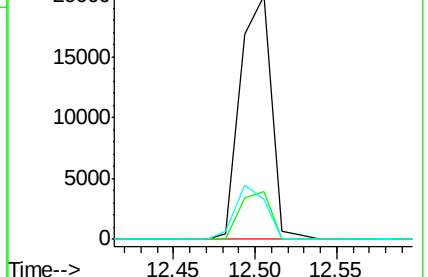
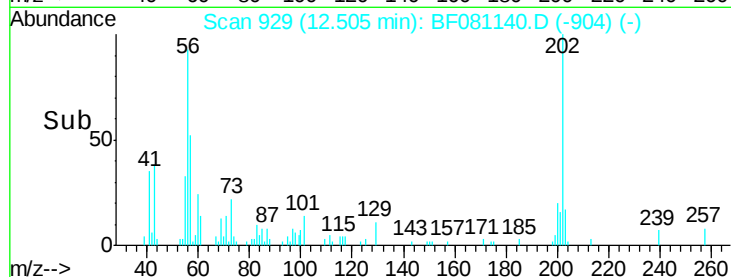
203 16.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.64 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081140.D

Acq: 20 Aug 2015 23:17

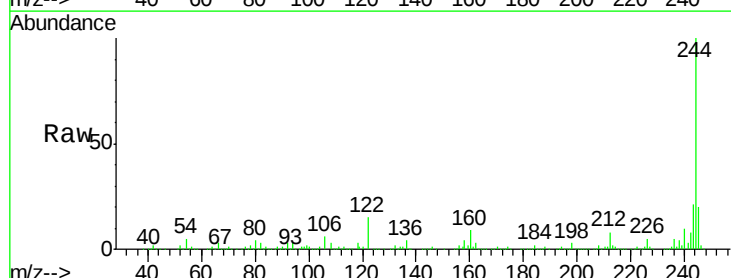
Tgt Ion:244 Resp: 573619

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

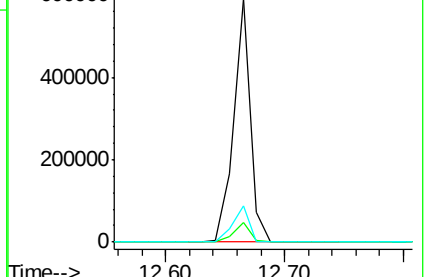
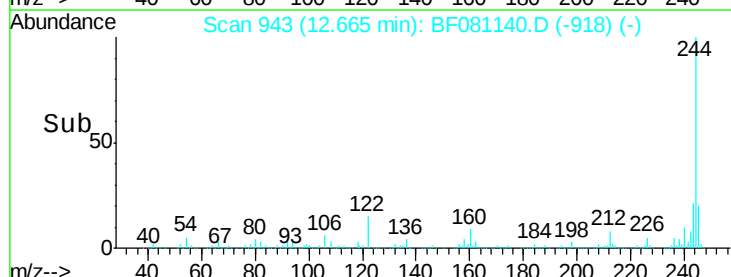
122 15.0 8.2 12.4#

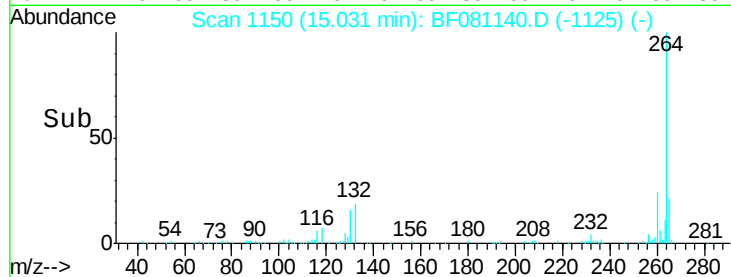
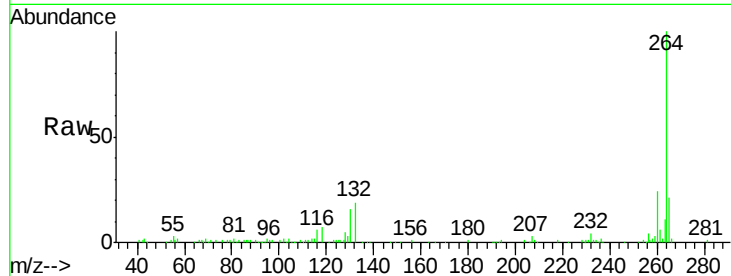
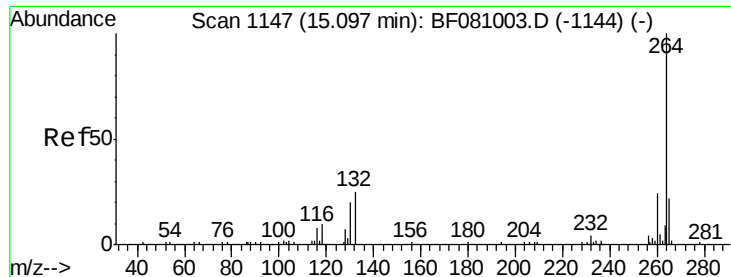


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.03 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081140.D
Acq: 20 Aug 2015 23:17

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.0	17.5	26.3

