

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081666.D
 Acq On : 17 Sep 2015 4:50
 Operator : UM/IZ
 Sample : G3637-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-2A

Quant Time: Sep 17 06:40:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

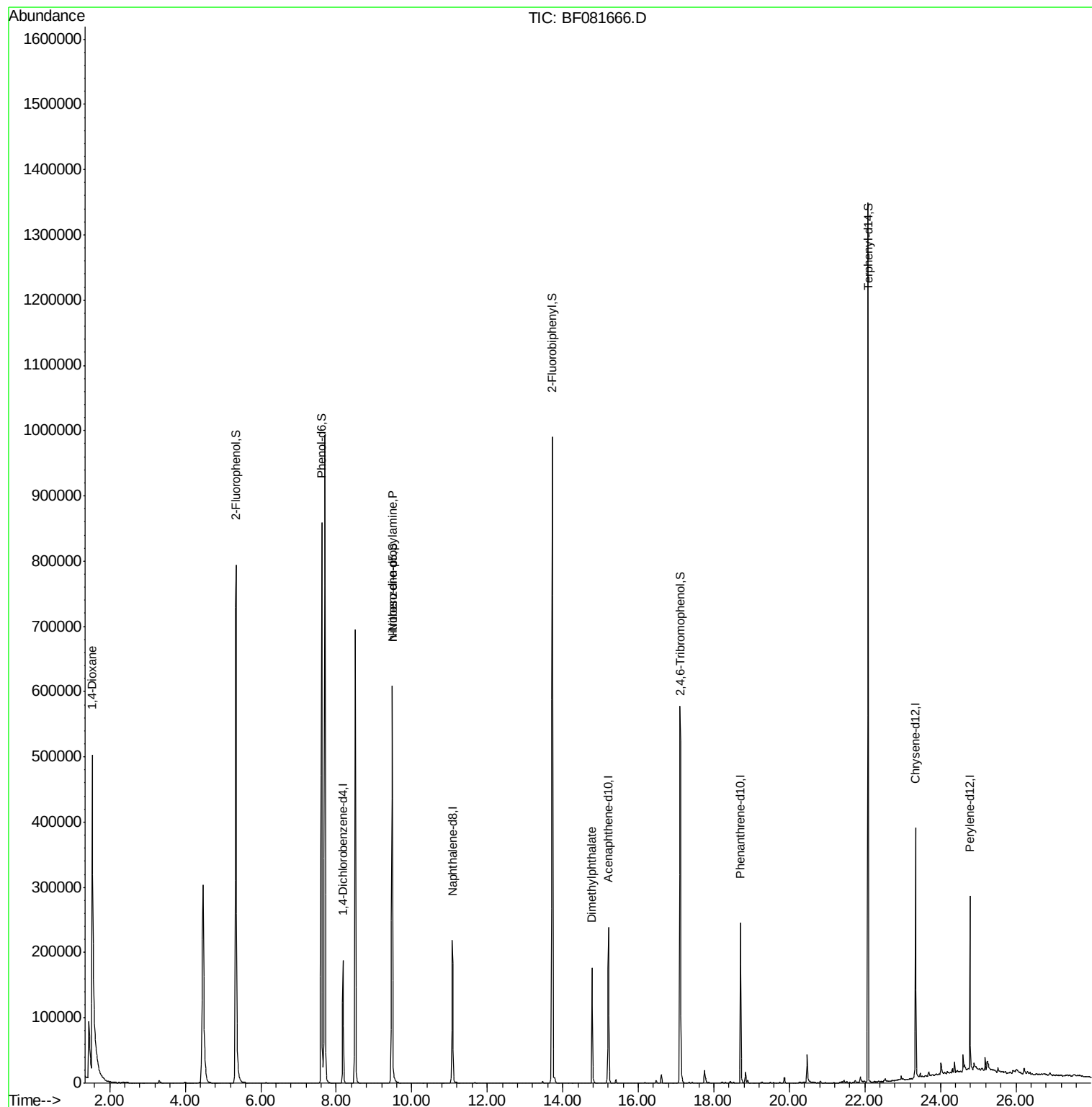
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	46562	20.00	ng	-0.03
21) Naphthalene-d8	11.07	136	185401	20.00	ng	-0.05
38) Acenaphthene-d10	15.21	164	88833	20.00	ng	-0.05
63) Phenanthrene-d10	18.71	188	175417	20.00	ng	-0.05
75) Chrysene-d12	23.35	240	138132	20.00	ng	-0.03
86) Perylene-d12	24.79	264	103835	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	390911	130.26	ng	0.00
7) Phenol-d6	7.61	99	560549	141.11	ng	-0.03
23) Nitrobenzene-d5	9.49	82	362868	94.43	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	113461	143.45	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	632034	91.18	ng	-0.05
78) Terphenyl-d14	22.08	244	576867	97.22	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	28321	21.01	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	47179	17.45	ng	# 68
49) Dimethylphthalate	14.78	163	131122	19.00	ng	# 97

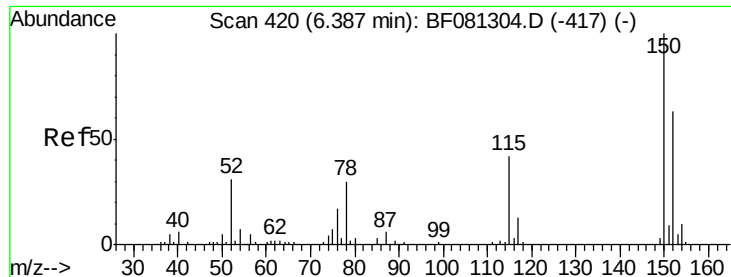
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-2A

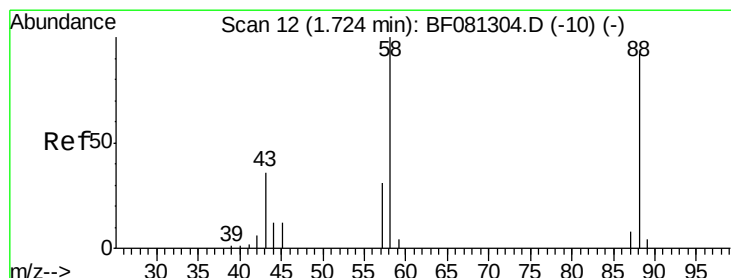
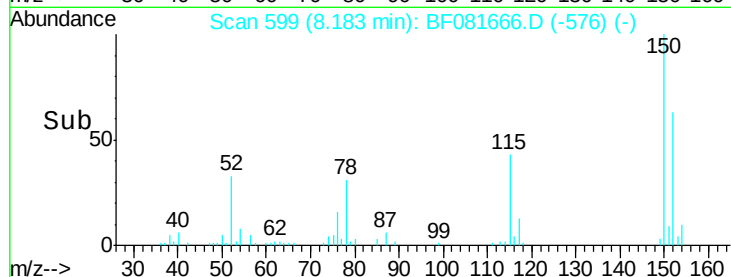
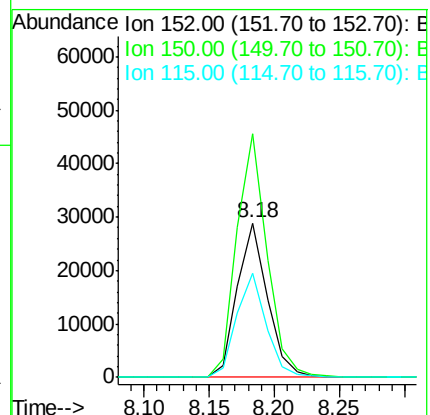
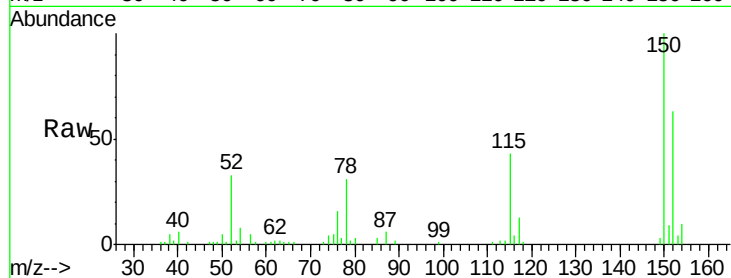
Tgt Ion:152 Resp: 46562

Ion Ratio Lower Upper

152 100

150 158.1 124.7 187.1

115 67.9 39.0 58.4#



#2

1,4-Dioxane

Concen: 21.01 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

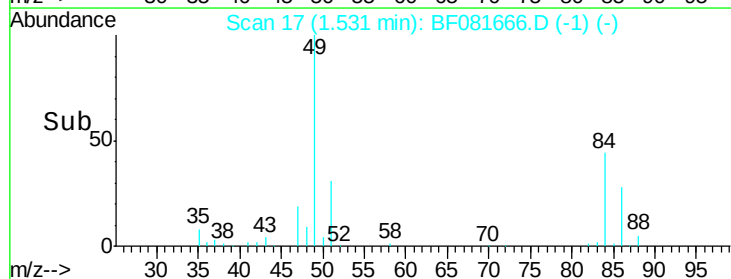
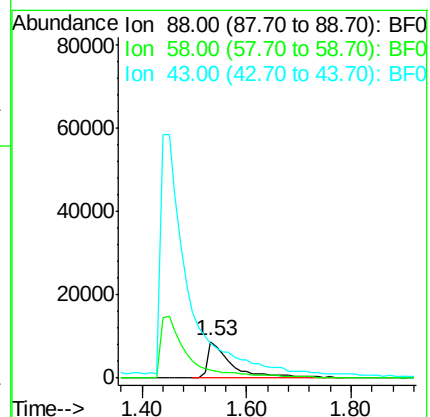
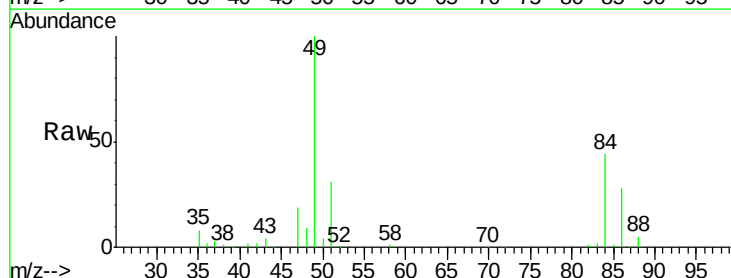
Tgt Ion: 88 Resp: 28321

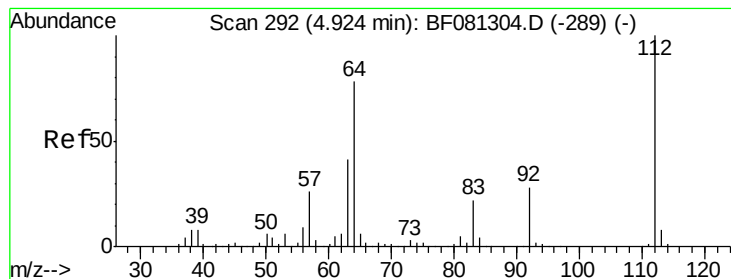
Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 130.26 ng

RT: 5.35 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

Instrument :

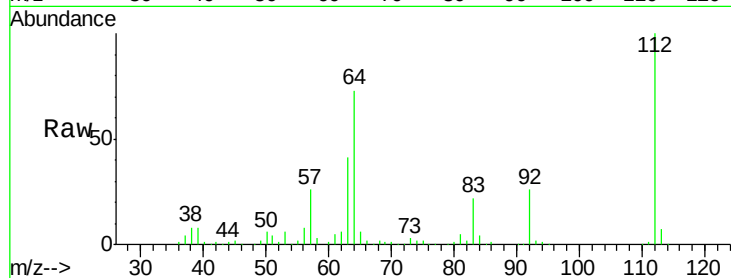
BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-2A

Tgt Ion: 112 Resp: 390911

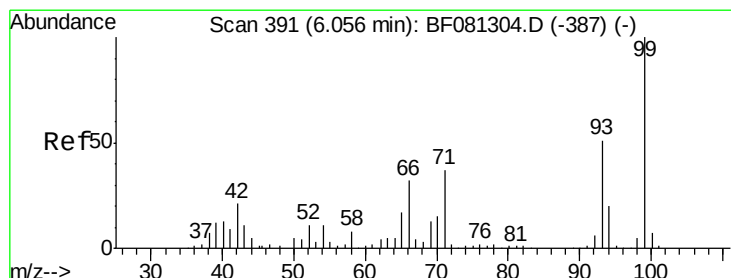
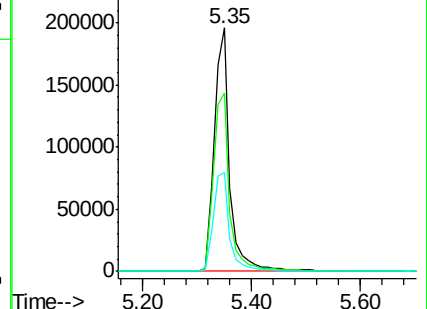
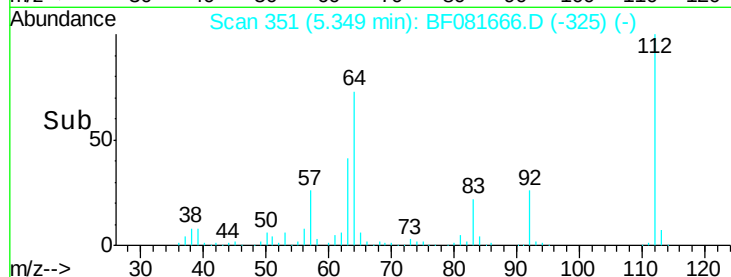
Ion	Ratio	Lower	Upper
112	100		
64	73.4	39.7	59.5#
63	40.9	17.4	26.0#



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: 141.11 ng

RT: 7.61 min Scan# 549

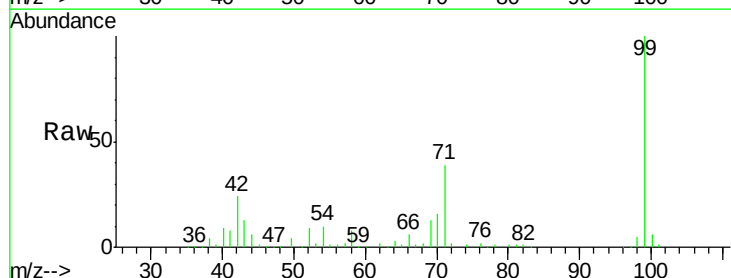
Delta R.T. -0.03 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

Tgt Ion: 99 Resp: 560549

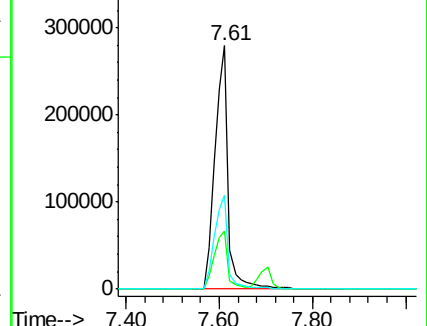
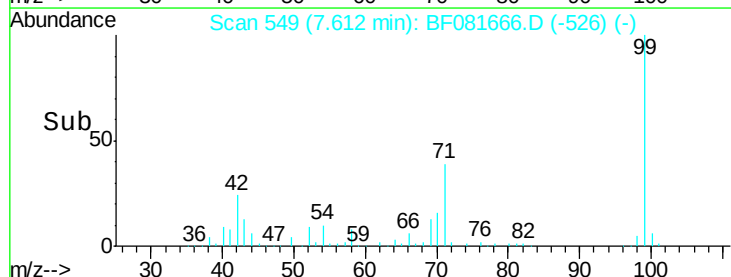
Ion	Ratio	Lower	Upper
99	100		
42	23.9	13.7	20.5#
71	38.6	14.2	21.2#

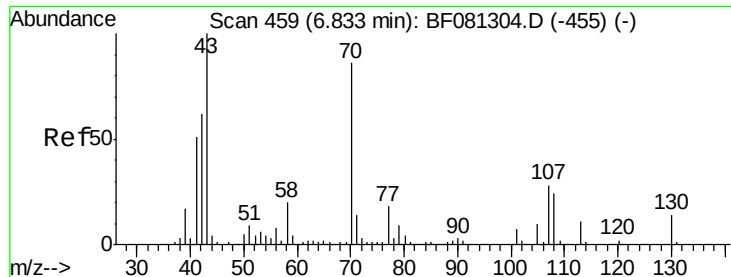


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

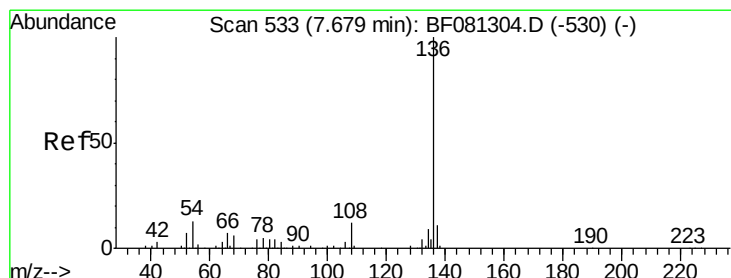
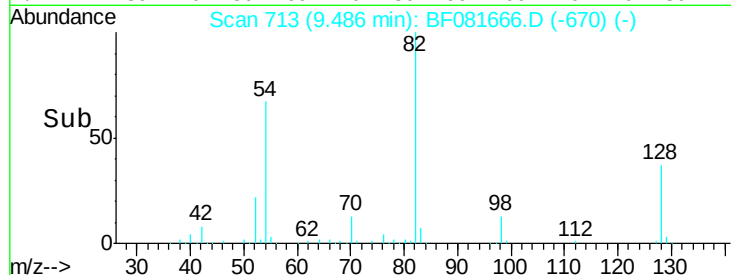
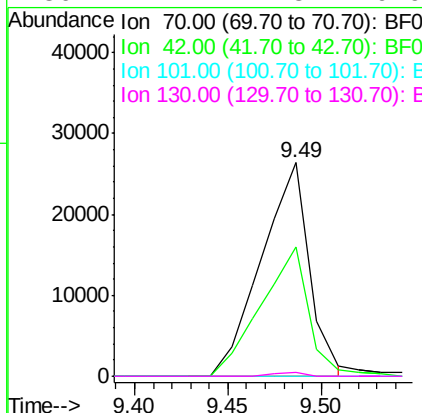
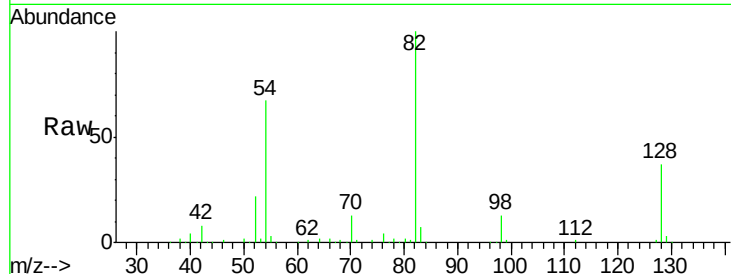




#19
n-Nitroso-di-n-propylamine
Concen: 17.45 ng
RT: 9.49 min Scan# 713
Delta R.T. 0.19 min
Lab File: BF081666.D
Acq: 17 Sep 2015 4:50

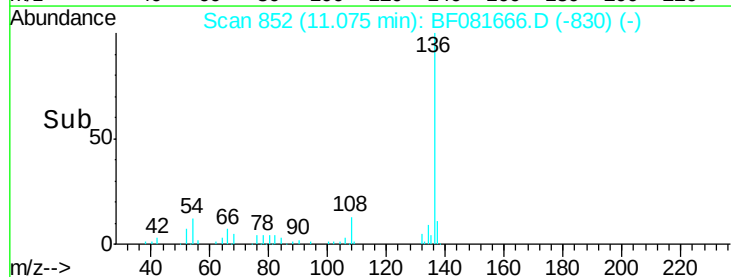
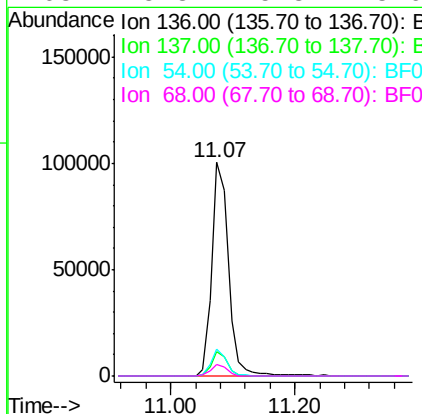
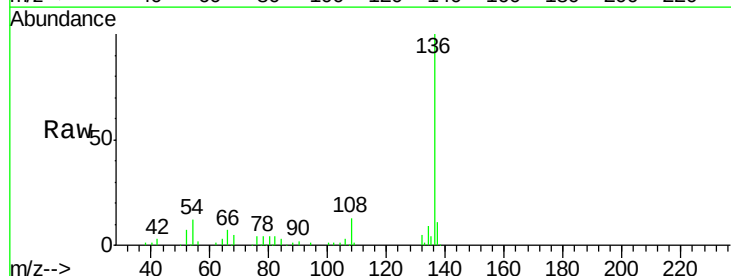
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-2A

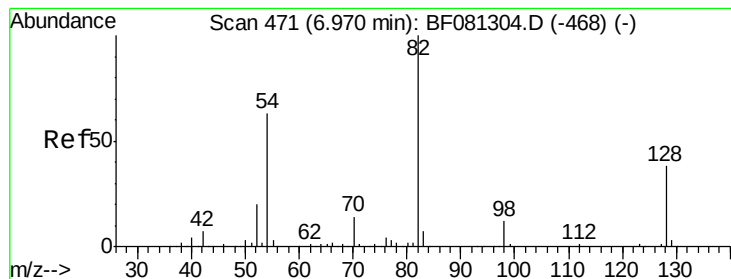
Tgt Ion:	70	Resp:	47179
Ion	Ratio	Lower	Upper
70	100		
42	60.6	63.8	95.6#
101	0.0	9.2	13.8#
130	1.7	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.07 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF081666.D
Acq: 17 Sep 2015 4:50

Tgt Ion:	136	Resp:	185401
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	12.4	8.2	12.2#
68	5.3	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 94.43 ng

RT: 9.49 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-2A

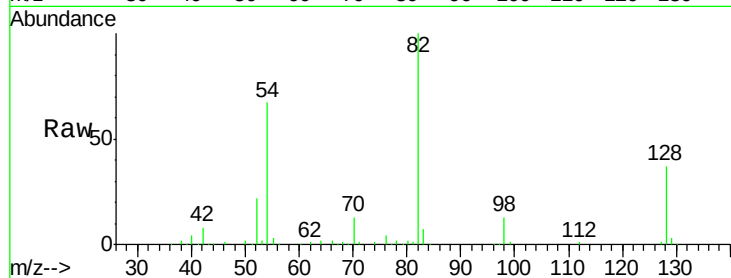
Tgt Ion: 82 Resp: 362868

Ion Ratio Lower Upper

82 100

128 36.8 51.0 76.6#

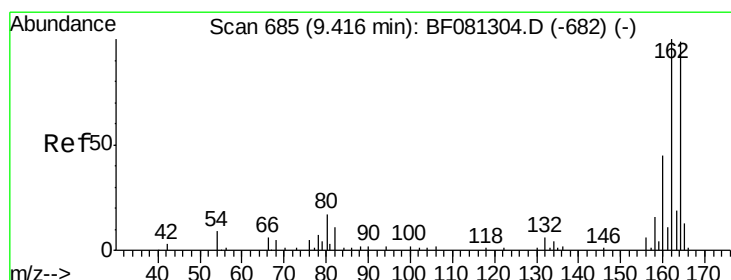
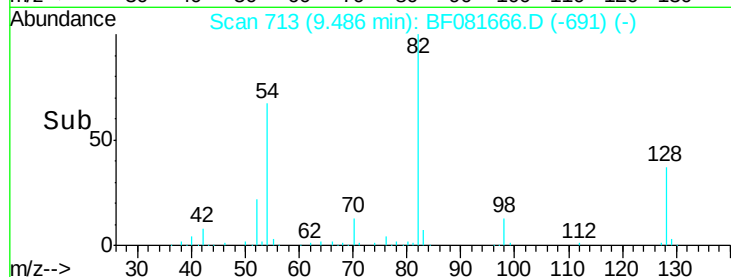
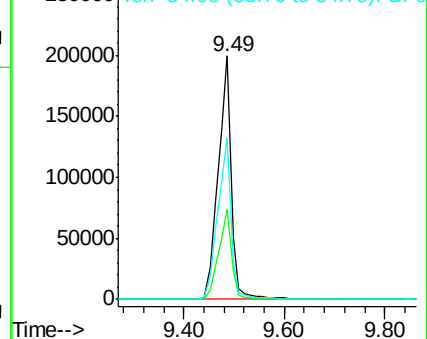
54 66.7 47.5 71.3



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: 15.21 min Scan# 1214

Delta R.T. -0.05 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

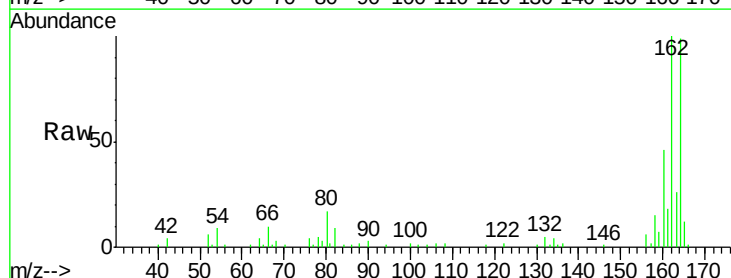
Tgt Ion: 164 Resp: 88833

Ion Ratio Lower Upper

164 100

162 101.0 75.2 112.8

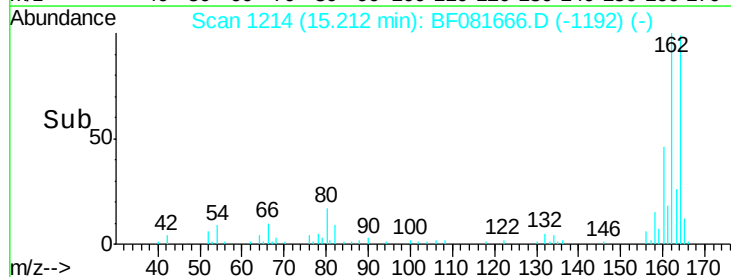
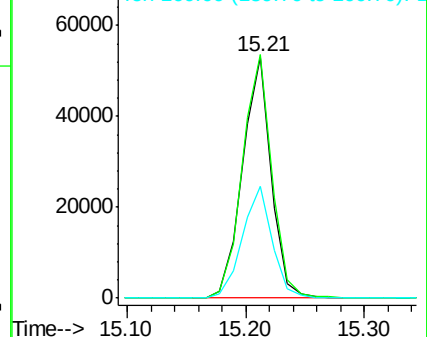
160 46.2 31.5 47.3

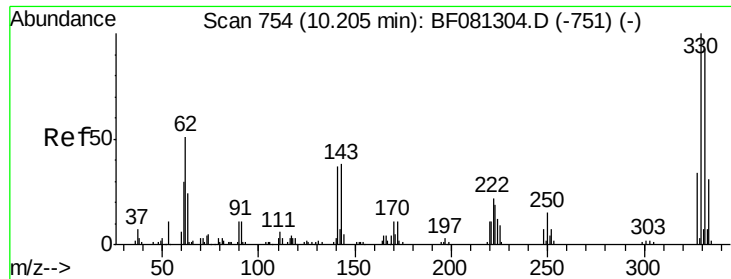


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

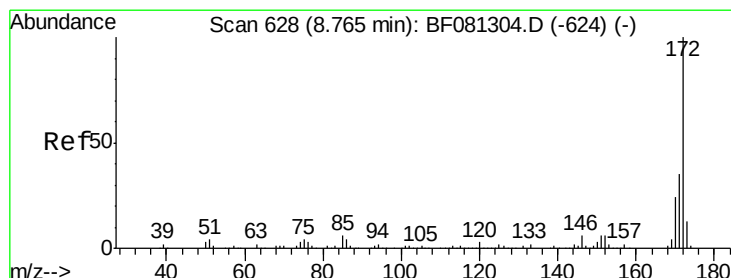
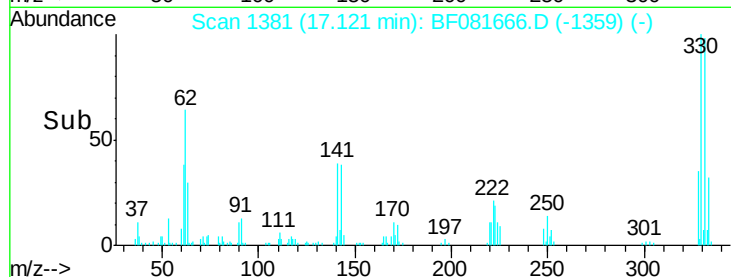
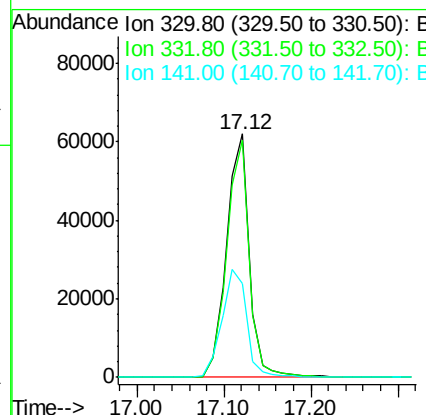
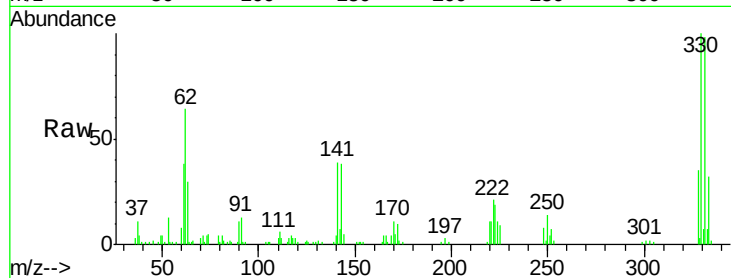




#41
 2,4,6-Tribromophenol
 Concen: 143.45 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081666.D
 Acq: 17 Sep 2015 4:50

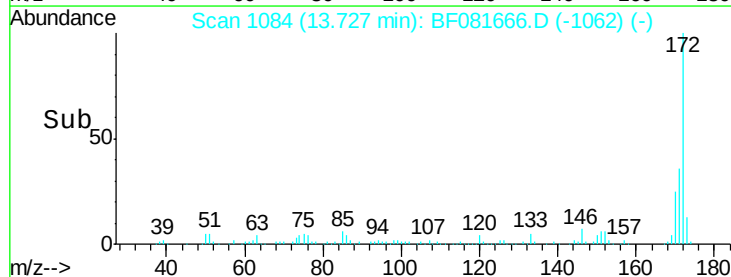
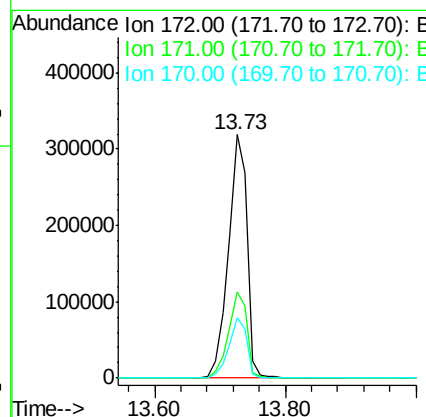
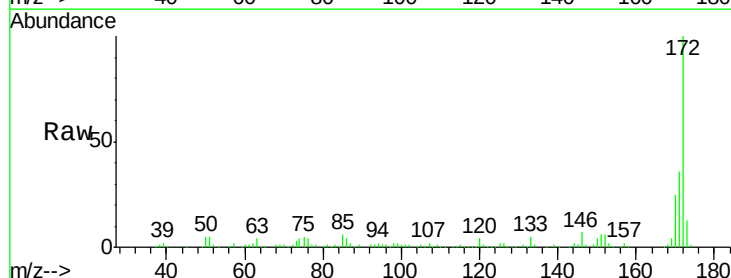
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-2A

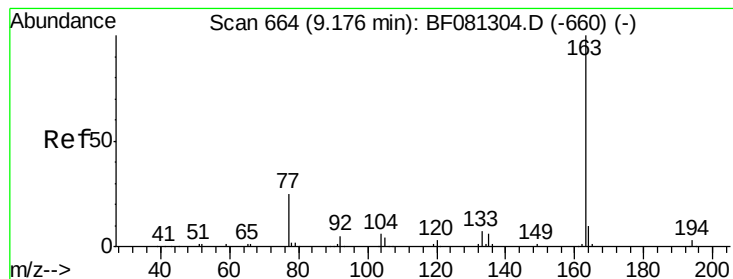
Tgt Ion: 330 Resp: 113461
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 48.5 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 91.18 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081666.D
 Acq: 17 Sep 2015 4:50

Tgt Ion: 172 Resp: 632034
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.8 17.4 26.2





#49

Dimethylphthalate

Concen: 19.00 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-2A

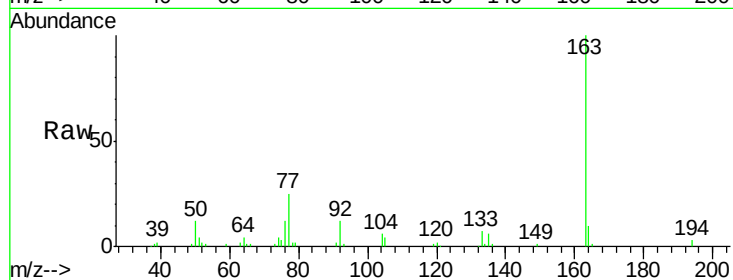
Tgt Ion:163 Resp: 131122

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

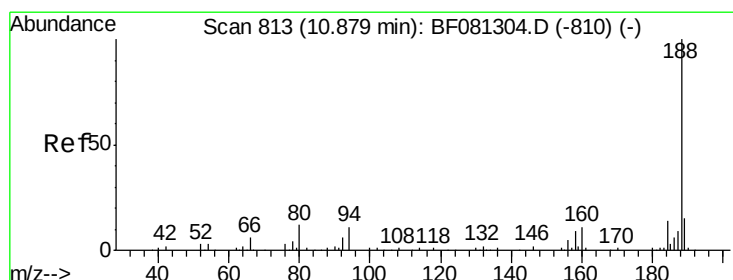
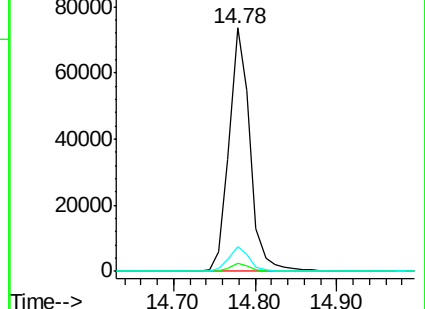
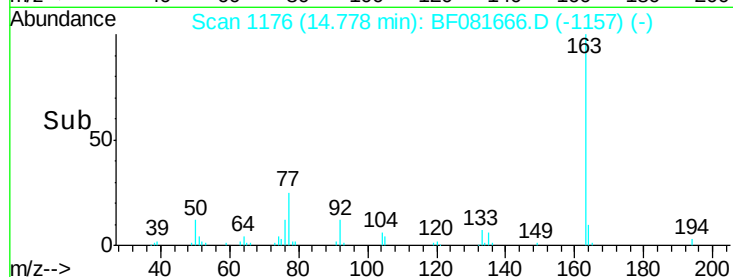
164 10.0 8.3 12.5



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: 18.71 min Scan# 1520

Delta R.T. -0.05 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

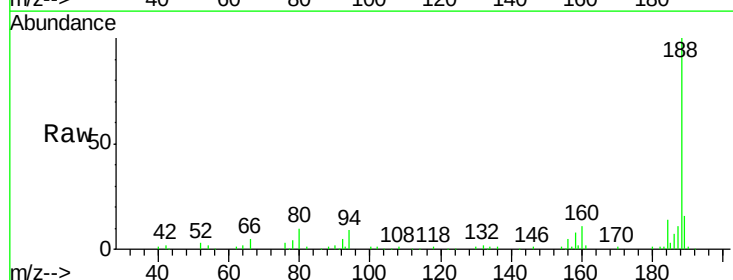
Tgt Ion:188 Resp: 175417

Ion Ratio Lower Upper

188 100

94 8.6 11.1 16.7#

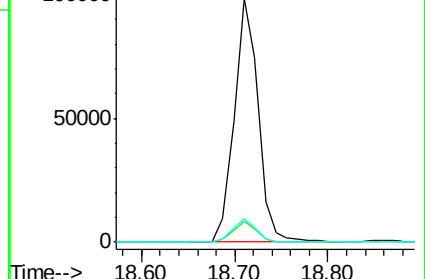
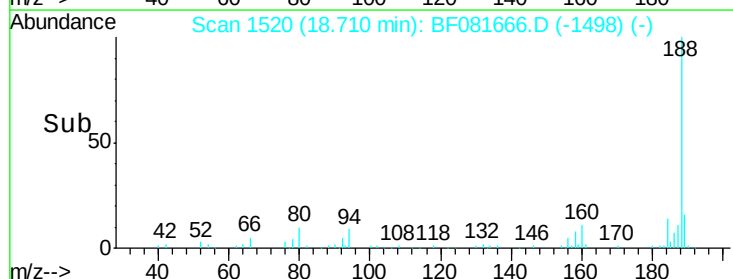
80 9.7 11.0 16.4#

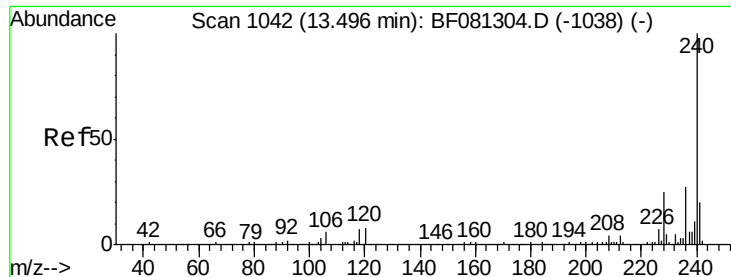


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.35 min Scan# 1926

Delta R.T. -0.03 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-2A

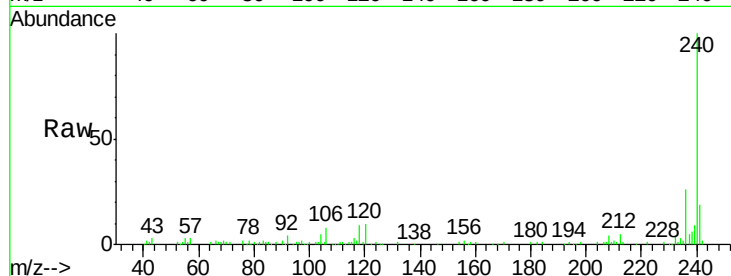
Tgt Ion:240 Resp: 138132

Ion Ratio Lower Upper

240 100

120 9.9 16.2 24.2#

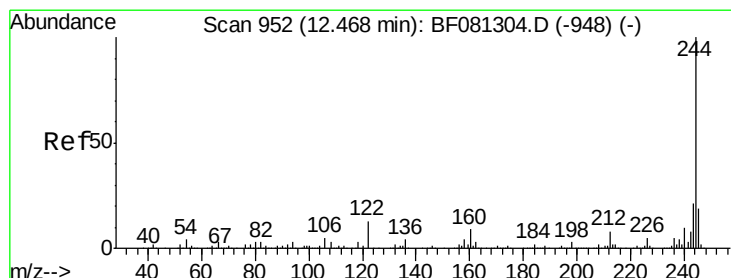
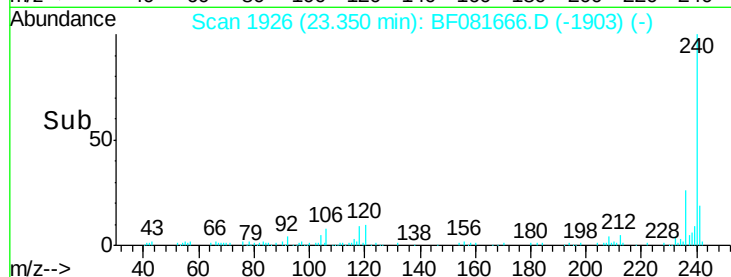
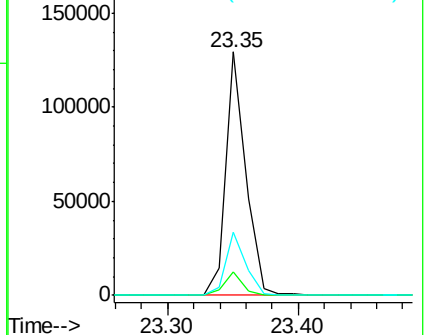
236 25.7 18.4 27.6



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: 97.22 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081666.D

Acq: 17 Sep 2015 4:50

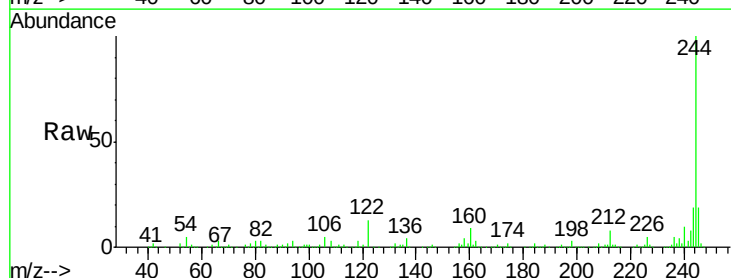
Tgt Ion:244 Resp: 576867

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

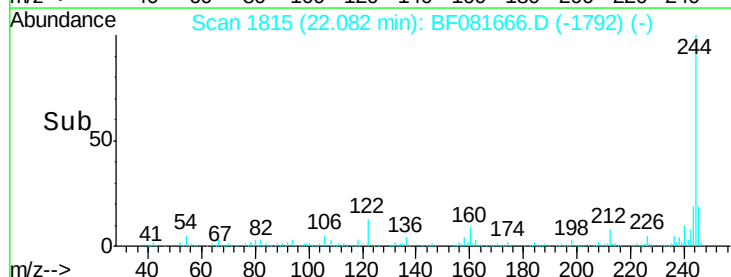
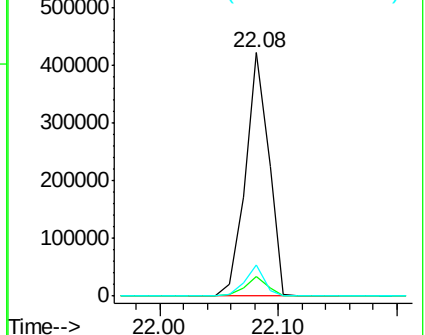
122 13.0 17.4 26.2#

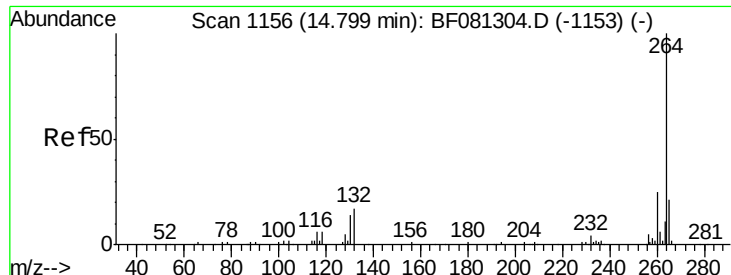


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

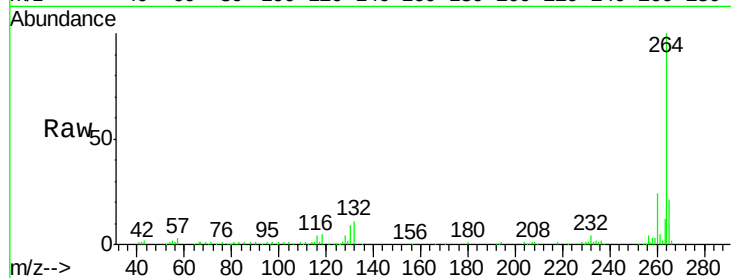




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BF081666.D
Acq: 17 Sep 2015 4:50

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-2A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.2	17.2	25.8



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

