

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081658.D
 Acq On : 16 Sep 2015 20:27
 Operator : UM/IZ
 Sample : G3637-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-3A

Quant Time: Sep 17 02:14:25 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

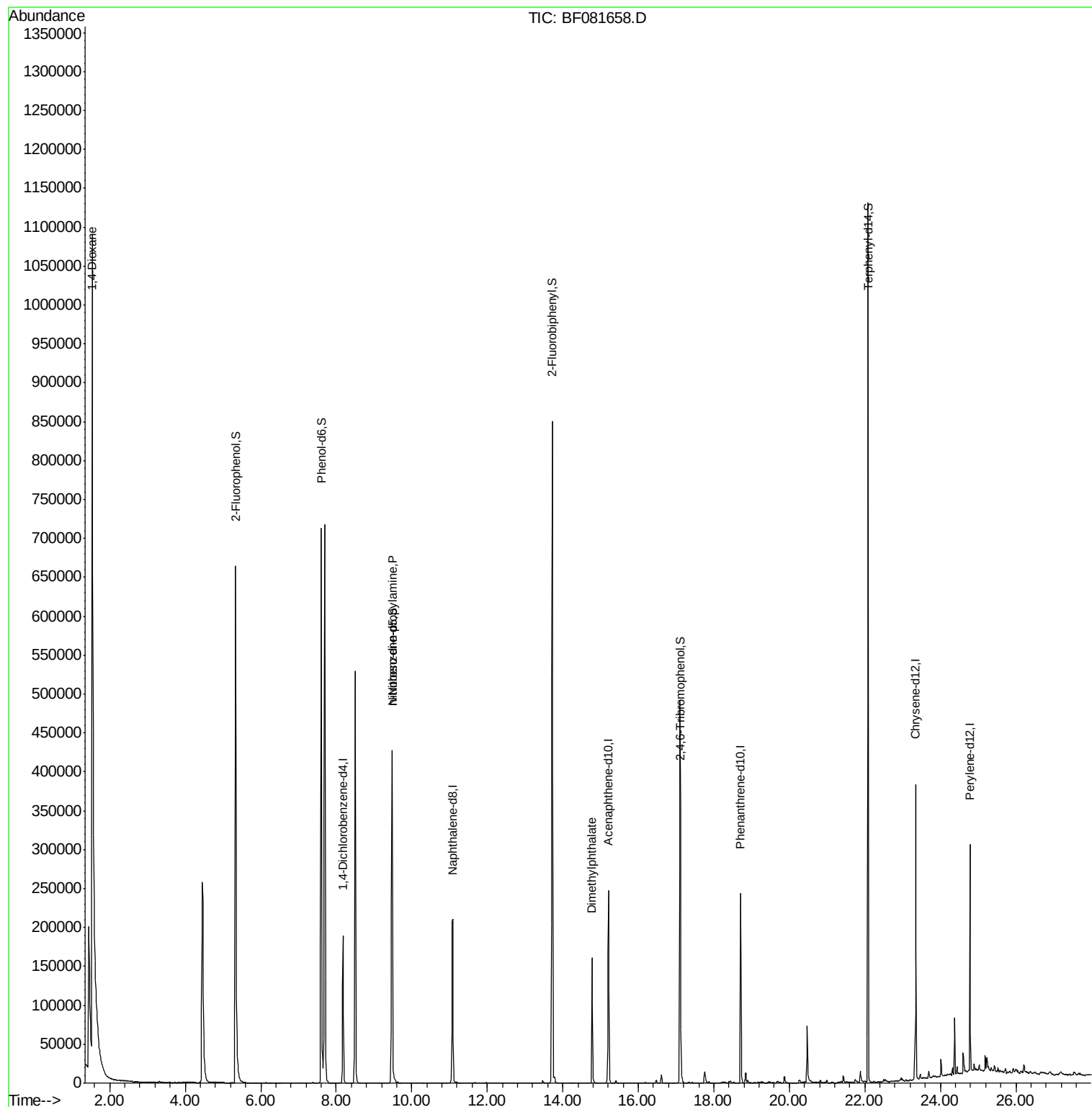
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	46180	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	187186	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	90430	20.00	ng	-0.05
63) Phenanthrene-d10	18.71	188	180856	20.00	ng	-0.05
75) Chrysene-d12	23.35	240	150349	20.00	ng	-0.03
86) Perylene-d12	24.79	264	108792	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	297875	100.08	ng	-0.01
7) Phenol-d6	7.60	99	422572	107.26	ng	-0.05
23) Nitrobenzene-d5	9.49	82	285859	73.68	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	87847	109.10	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	481194	68.19	ng	-0.05
78) Terphenyl-d14	22.08	244	435666	67.45	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	62562	46.80	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	37025	13.81	ng	# 64
49) Dimethylphthalate	14.78	163	114948	16.36	ng	# 96

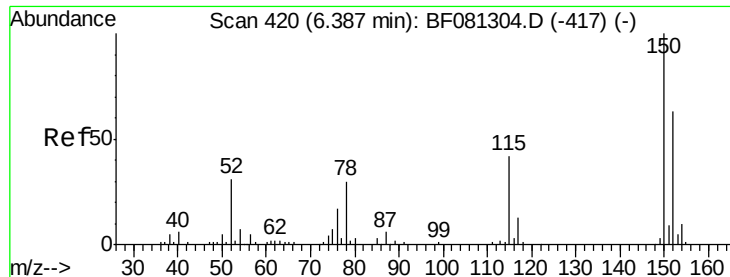
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081658.D

Acq: 16 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

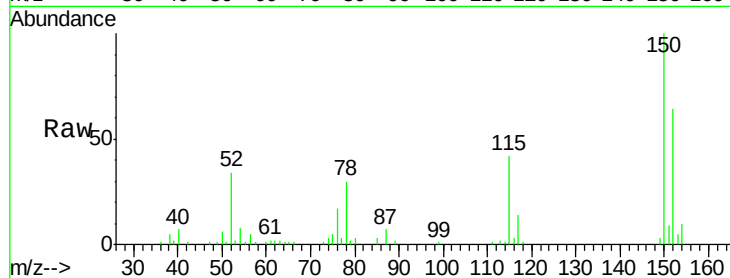
Tgt Ion:152 Resp: 46180

Ion Ratio Lower Upper

152 100

150 155.4 124.7 187.1

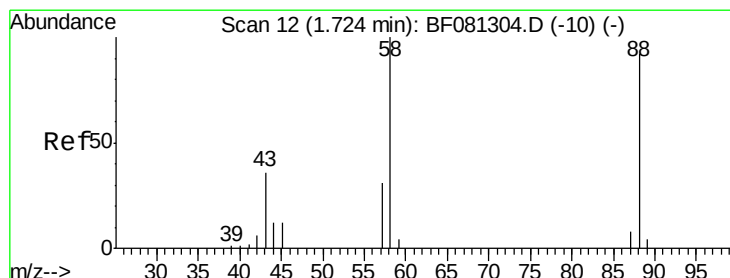
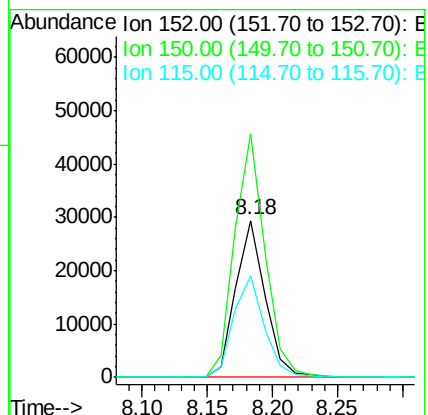
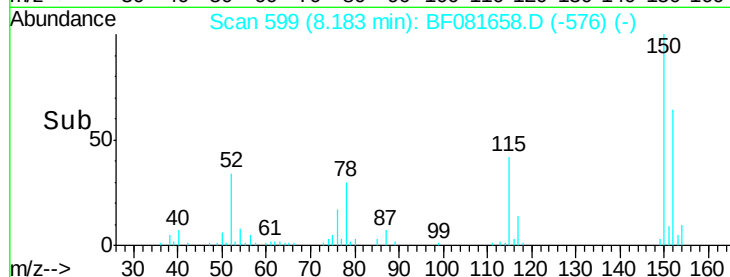
115 64.6 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 46.80 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081658.D

Acq: 16 Sep 2015 20:27

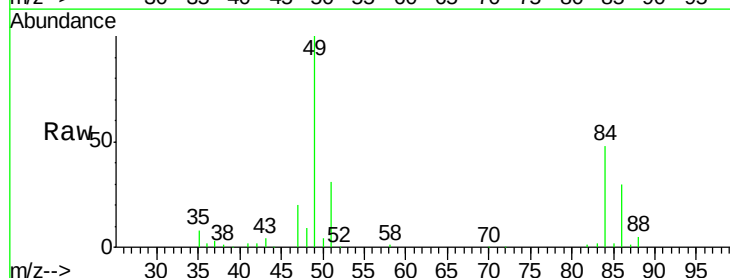
Tgt Ion: 88 Resp: 62562

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

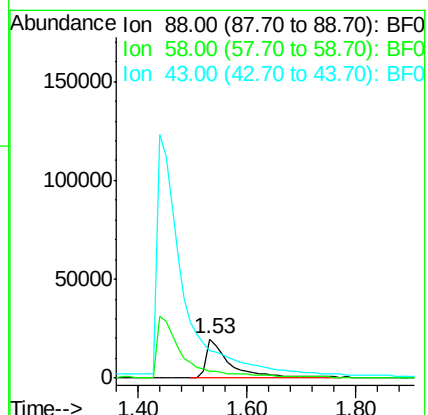
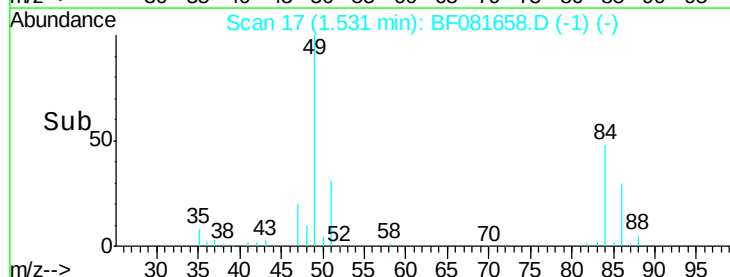
43 0.0 26.6 40.0#

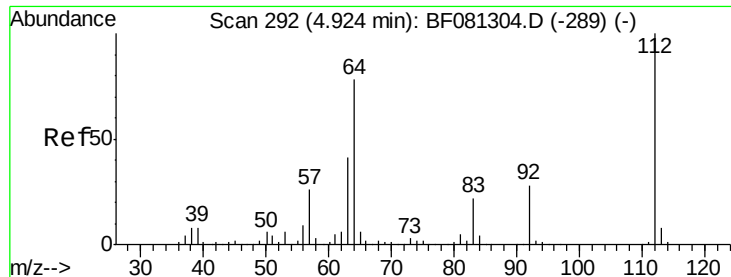


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 100.08 ng

RT: 5.34 min Scan# 350

Delta R.T. -0.01 min

Lab File: BF081658.D

Acq: 16 Sep 2015 20:27

Instrument :

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VITALE-FILL-SOURCE-3A

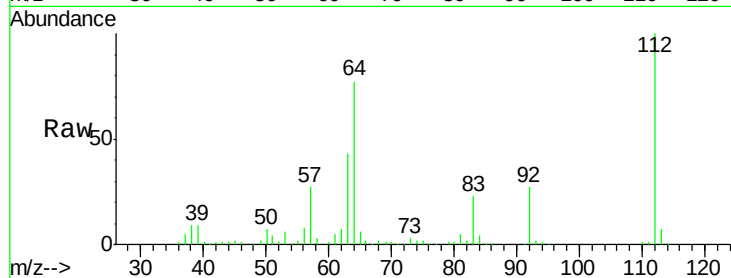
Tgt Ion: 112 Resp: 297875

Ion Ratio Lower Upper

112 100

64 76.7 39.7 59.5#

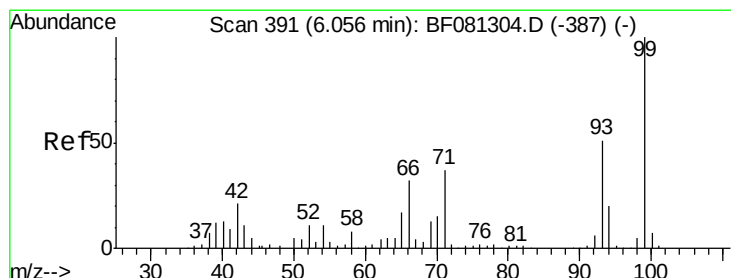
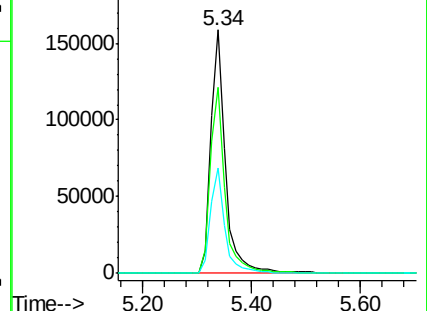
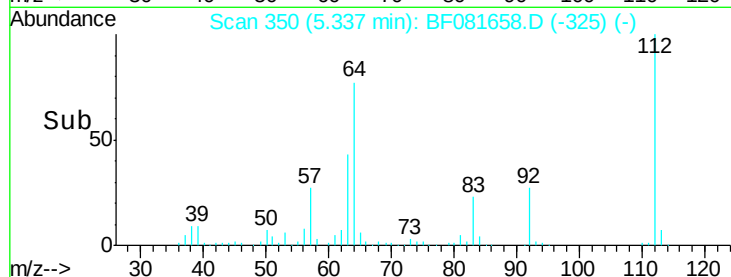
63 43.0 17.4 26.0#



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: 107.26 ng

RT: 7.60 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF081658.D

Acq: 16 Sep 2015 20:27

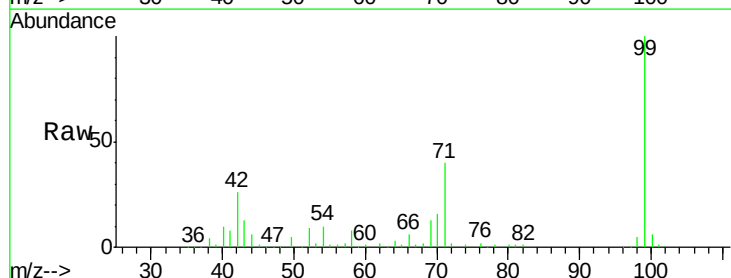
Tgt Ion: 99 Resp: 422572

Ion Ratio Lower Upper

99 100

42 25.9 13.7 20.5#

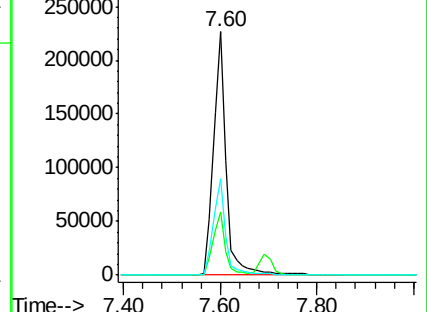
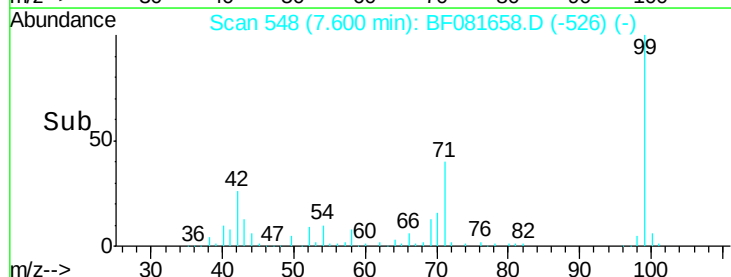
71 39.6 14.2 21.2#

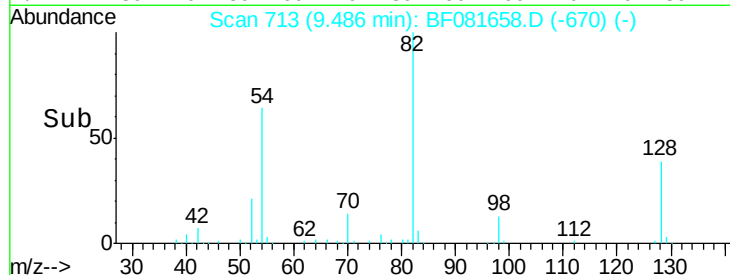
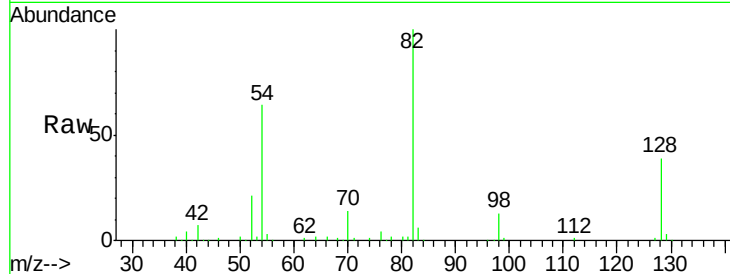
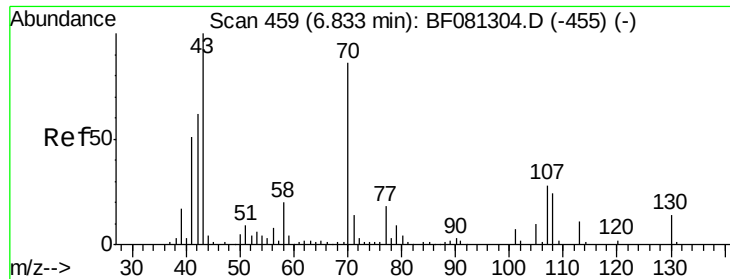


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

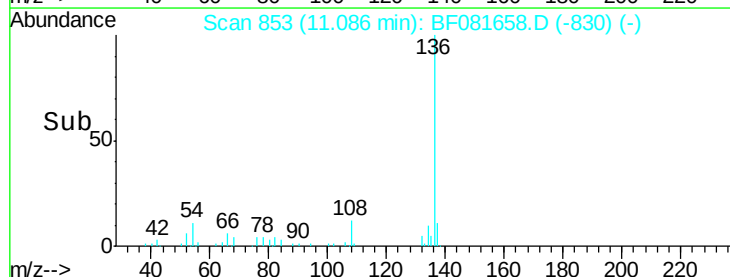
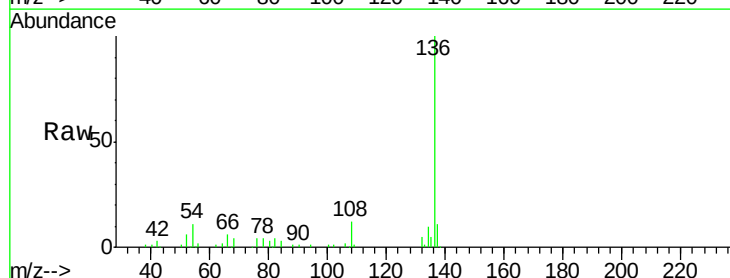
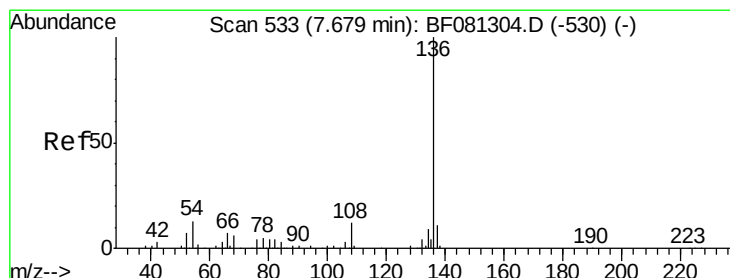
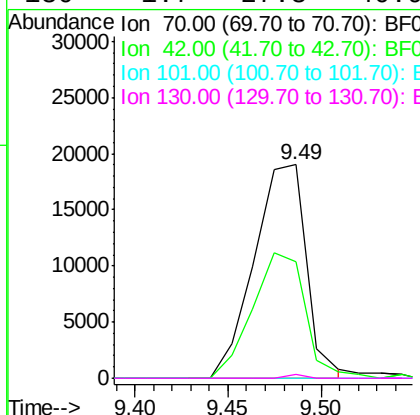




#19
n-Nitroso-di-n-propylamine
Concen: 13.81 ng
RT: 9.49 min Scan# 713
Delta R.T. 0.19 min
Lab File: BF081658.D
Acq: 16 Sep 2015 20:27

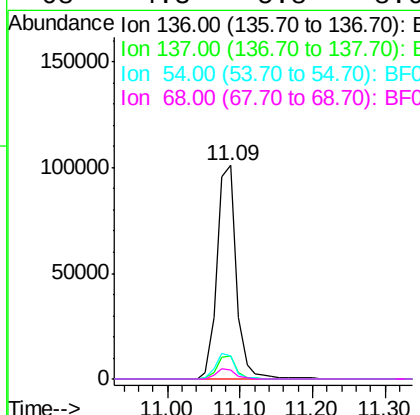
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-3A

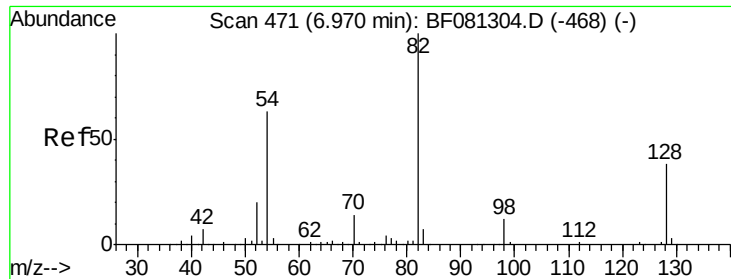
Tgt Ion: 70 Resp: 37025
Ion Ratio Lower Upper
70 100
42 54.6 63.8 95.6#
101 0.0 9.2 13.8#
130 1.7 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081658.D
Acq: 16 Sep 2015 20:27

Tgt Ion: 136 Resp: 187186
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.7 8.2 12.2
68 4.3 5.8 8.6#

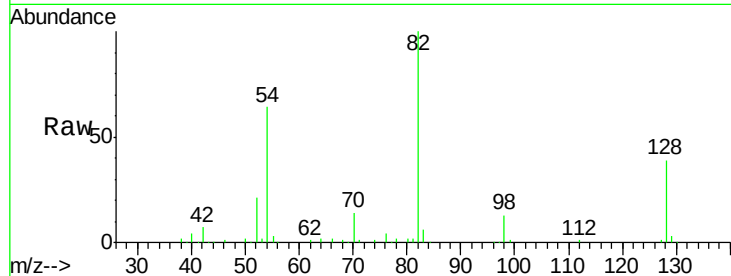




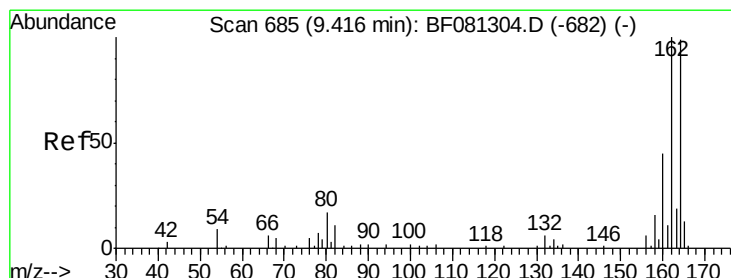
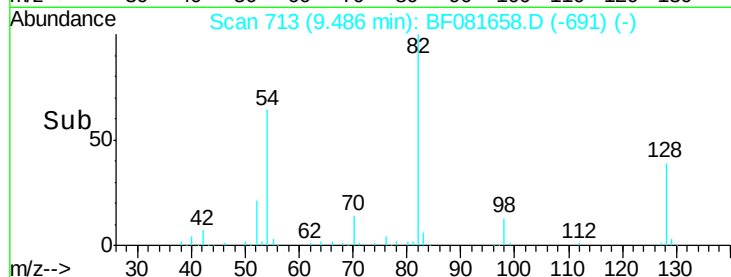
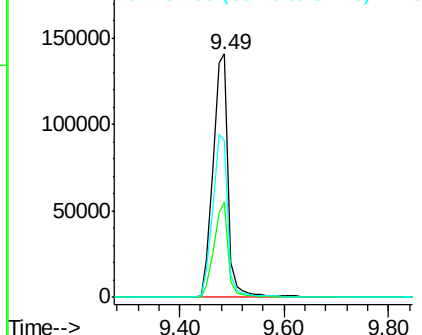
#23
 Nitrobenzene-d5
 Concen: 73.68 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081658.D
 Acq: 16 Sep 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-3A

Tgt Ion: 82 Resp: 285859
 Ion Ratio Lower Upper
 82 100
 128 38.9 51.0 76.6#
 54 64.1 47.5 71.3

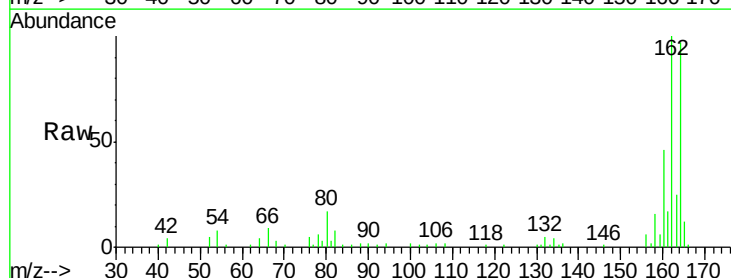


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

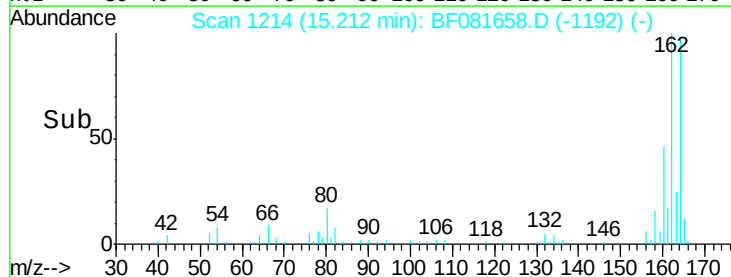
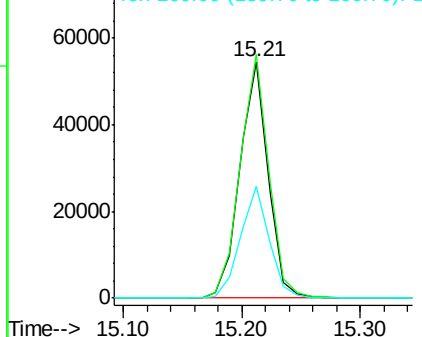


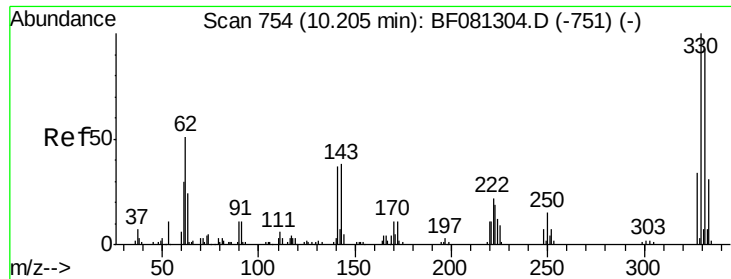
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081658.D
 Acq: 16 Sep 2015 20:27

Tgt Ion: 164 Resp: 90430
 Ion Ratio Lower Upper
 164 100
 162 103.0 75.2 112.8
 160 47.3 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

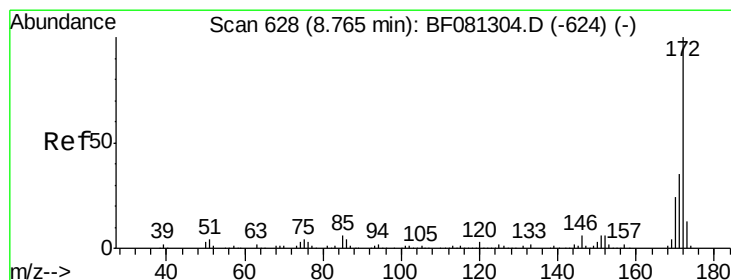
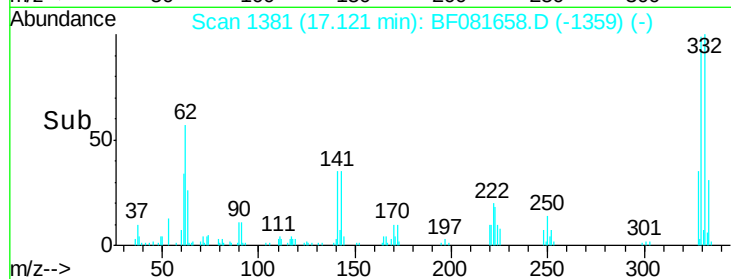
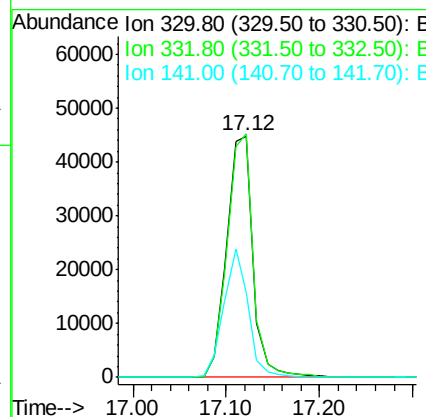
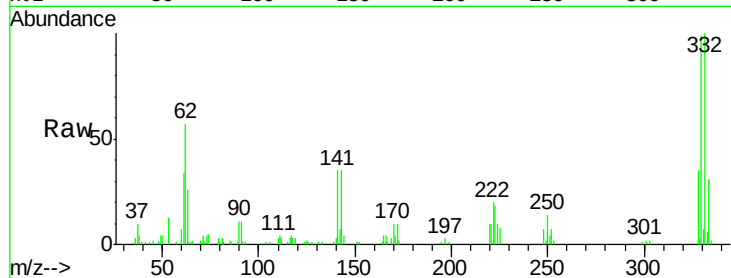




#41
 2,4,6-Tribromophenol
 Concen: 109.10 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081658.D
 Acq: 16 Sep 2015 20:27

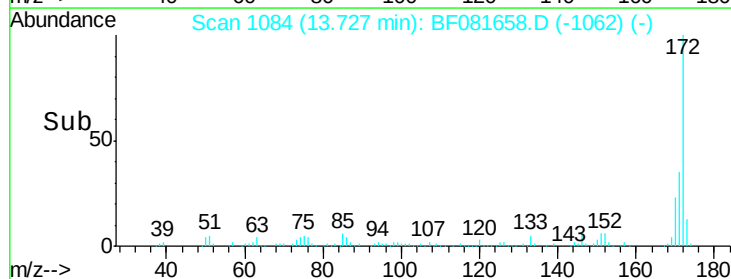
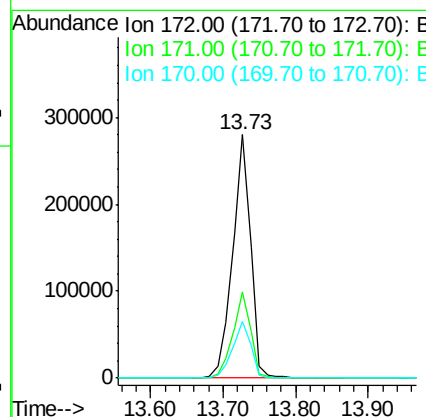
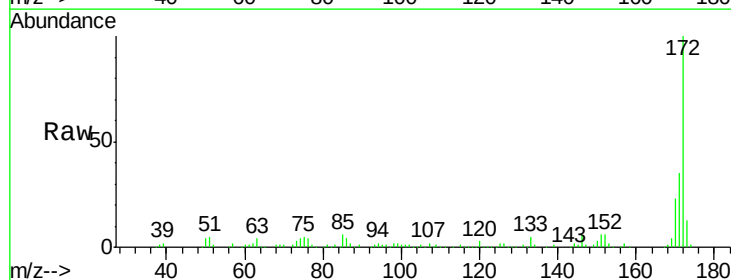
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-3A

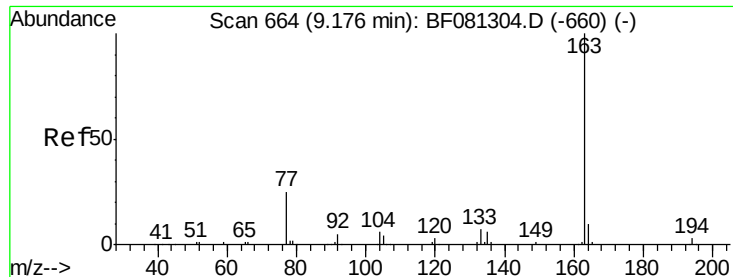
Tgt Ion:330 Resp: 87847
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 114.8
 141 49.4 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 68.19 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081658.D
 Acq: 16 Sep 2015 20:27

Tgt Ion:172 Resp: 481194
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 23.4 17.4 26.2





#49

Dimethylphthalate

Concen: 16.36 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081658.D

Acq: 16 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

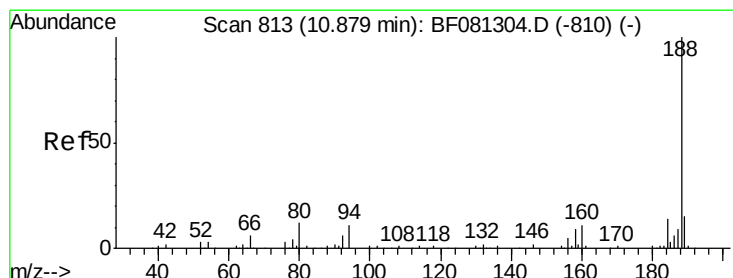
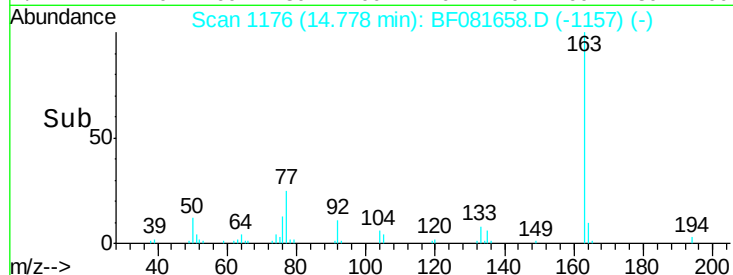
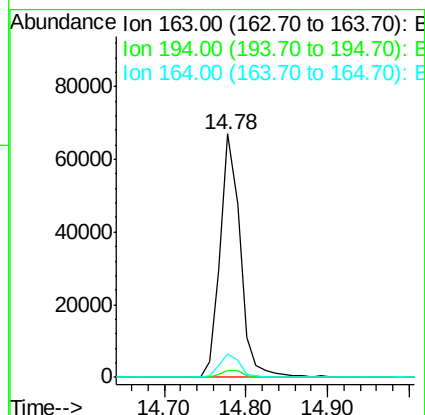
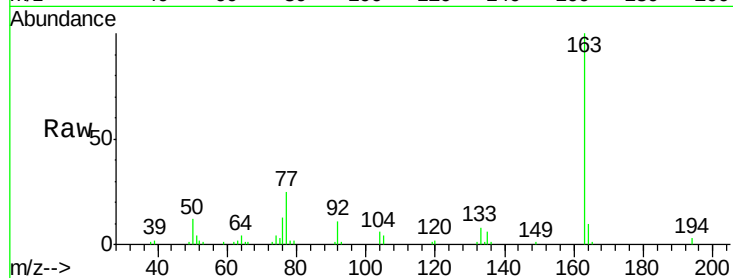
Tgt Ion:163 Resp: 114948

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

164 9.7 8.3 12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.71 min Scan# 1520

Delta R.T. -0.05 min

Lab File: BF081658.D

Acq: 16 Sep 2015 20:27

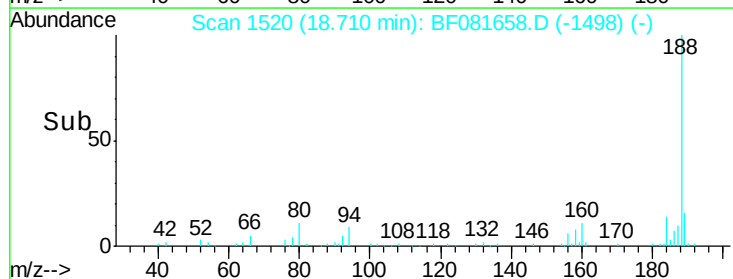
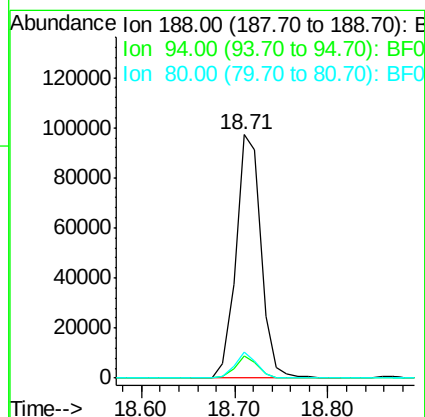
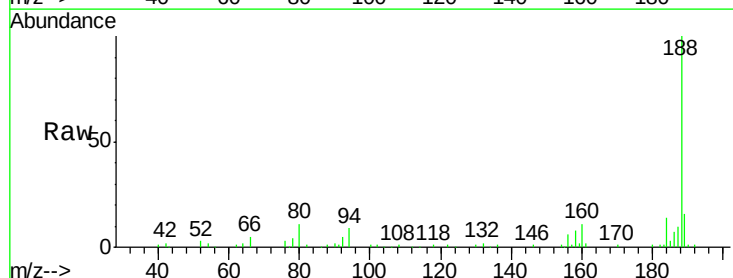
Tgt Ion:188 Resp: 180856

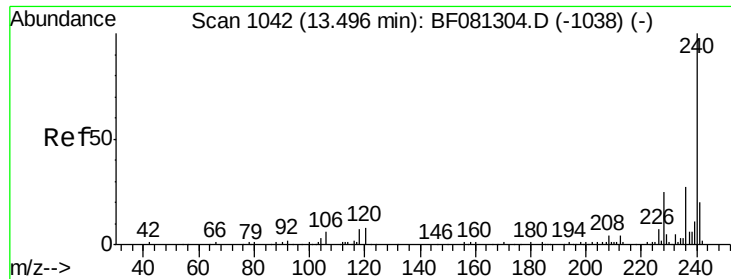
Ion Ratio Lower Upper

188 100

94 9.2 11.1 16.7#

80 10.7 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1926

Delta R.T. -0.03 min

Lab File: BF081658.D

Acq: 16 Sep 2015 20:27

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

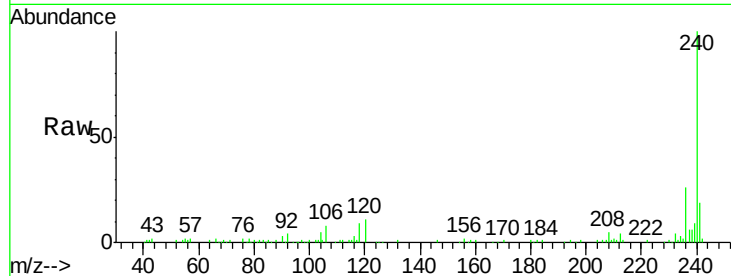
Tgt Ion:240 Resp: 150349

Ion Ratio Lower Upper

240 100

120 10.5 16.2 24.2#

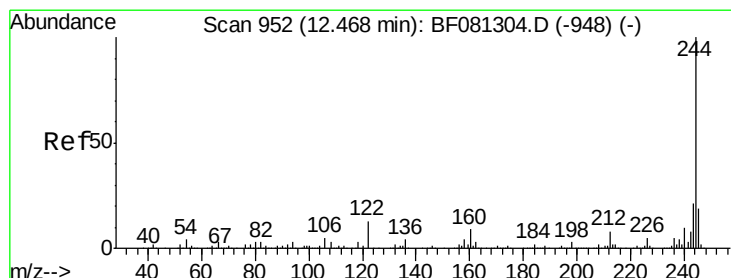
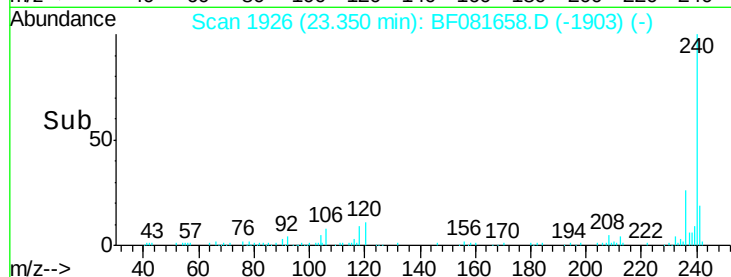
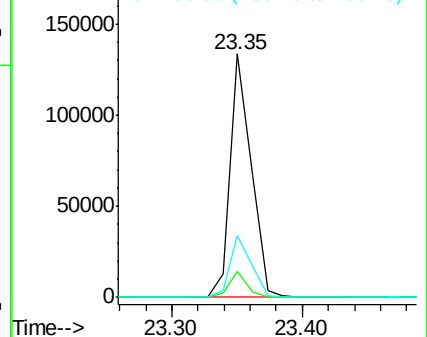
236 25.5 18.4 27.6



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: 67.45 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081658.D

Acq: 16 Sep 2015 20:27

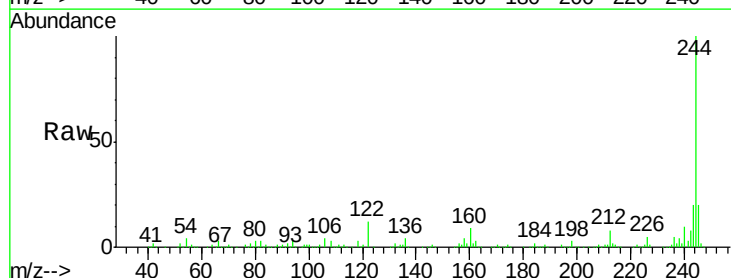
Tgt Ion:244 Resp: 435666

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

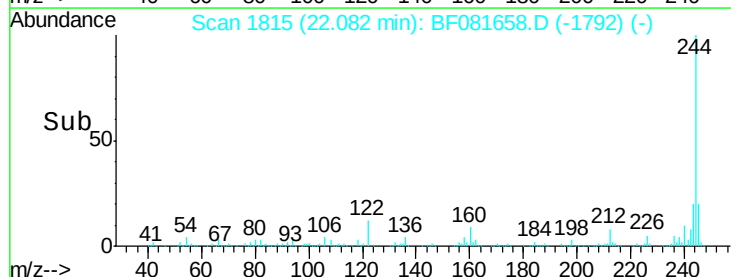
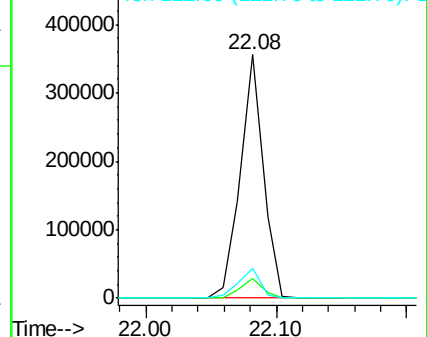
122 12.1 17.4 26.2#

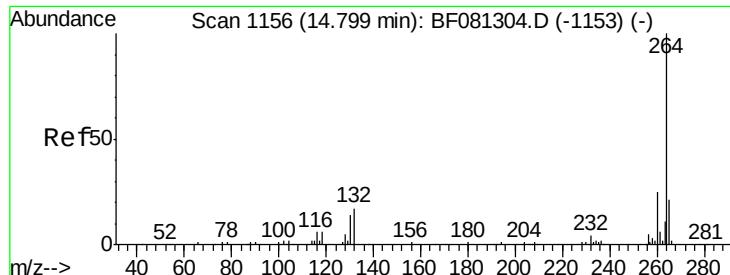


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081658.D
Acq: 16 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-3A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.9	17.2	25.8

