

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081547.D
 Acq On : 9 Sep 2015 5:42
 Operator : UM/IZ
 Sample : G3591-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 09 06:23:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 03:32:15 2015
 Response via : Initial Calibration

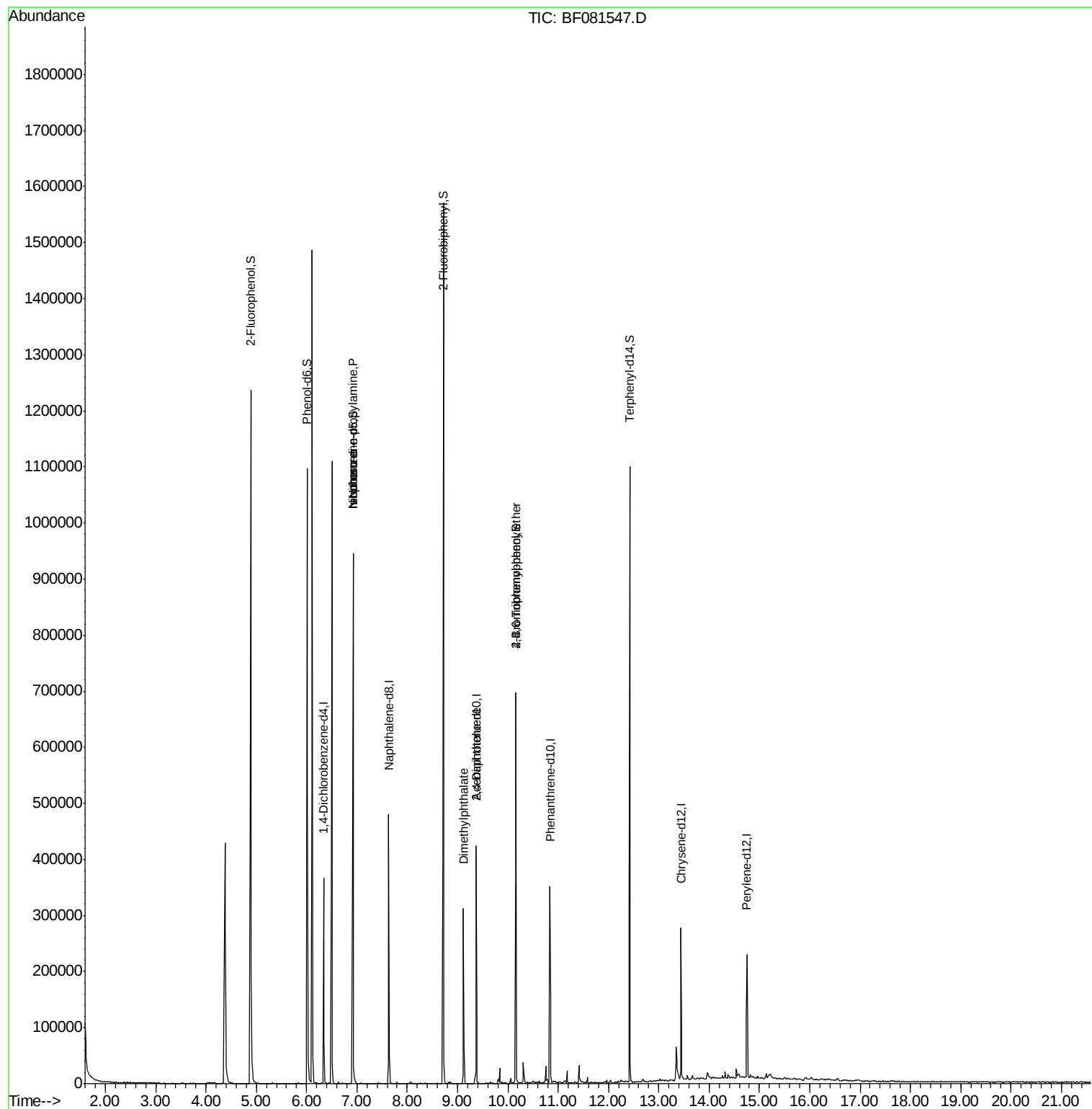
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	48776	20.00	ng	-0.01
21) Naphthalene-d8	7.63	136	187157	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	82860	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	143629	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	99940	20.00	ng	-0.01
86) Perylene-d12	14.75	264	93085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	329333	104.76	ng	0.01
7) Phenol-d6	6.01	99	414045	99.50	ng	-0.01
23) Nitrobenzene-d5	6.92	82	312724	80.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.16	330	80111	108.58	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	463185	71.63	ng	0.00
78) Terphenyl-d14	12.42	244	329301	76.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.92	70	42385	14.97	ng	# 64
25) Isophorone	6.92	82	229532	31.81	ng	# 58
49) Dimethylphthalate	9.12	163	112569	17.49	ng	# 97
56) 2,4-Dinitrotoluene	9.37	165	10279	5.52	ng	# 31
66) 4-Bromophenyl-phenylether	10.16	248	6020	4.15	ng	# 1

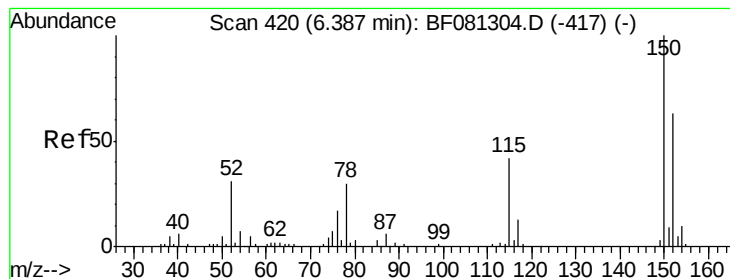
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 03:32:15 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

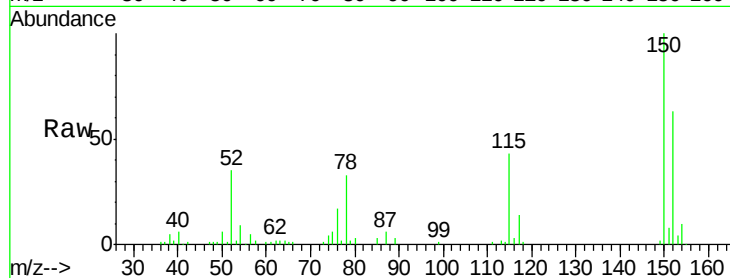
Tot Ion:152 Resp: 48776

Ion Ratio Lower Upper

152 100

150 159.1 124.7 187.1

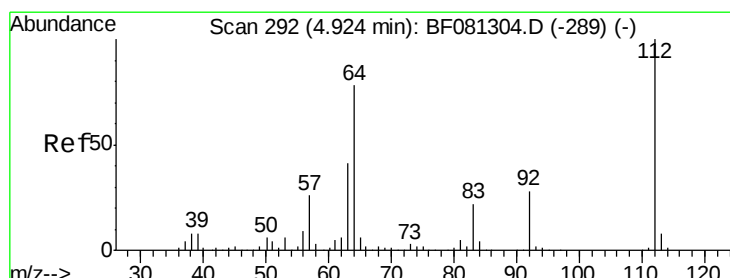
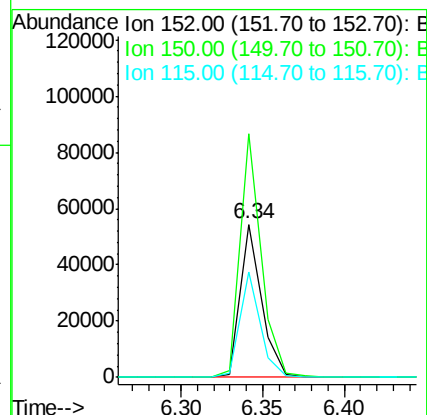
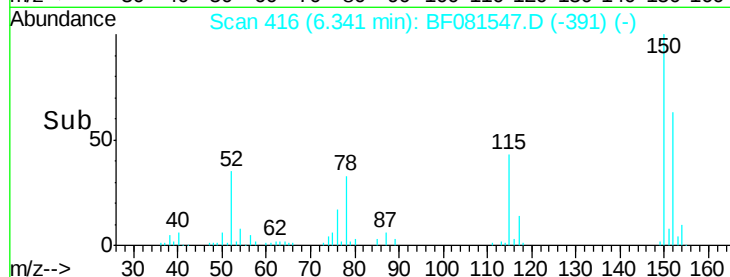
115 68.8 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 104.76 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

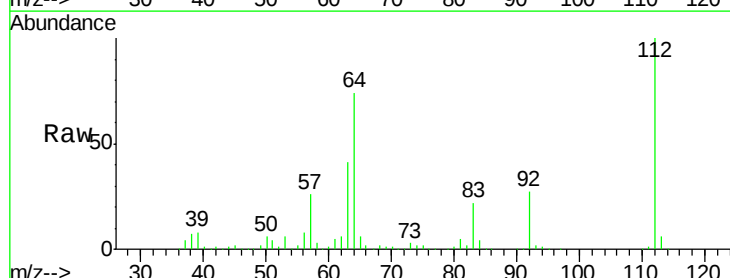
Tgt Ion:112 Resp: 329333

Ion Ratio Lower Upper

112 100

64 74.4 39.7 59.5#

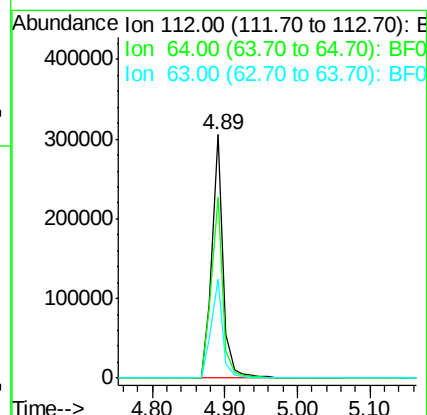
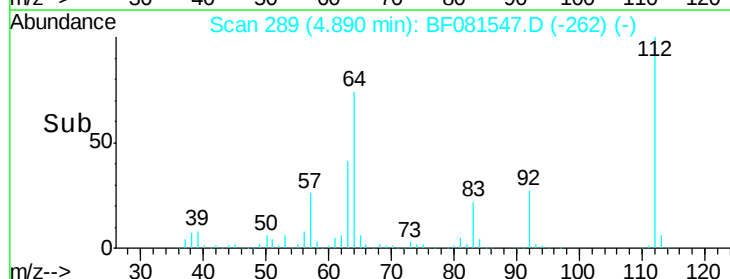
63 40.6 17.4 26.0#



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: 99.50 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

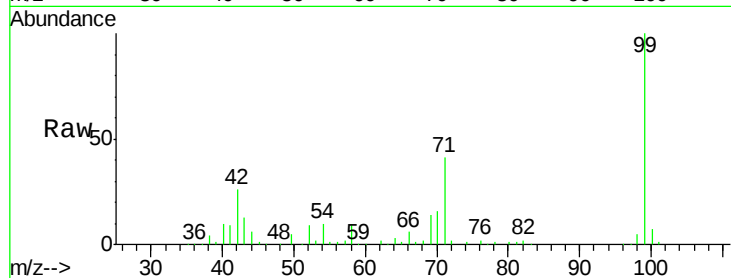
Tot Ion: 99 Resp: 414045

Ion Ratio Lower Upper

99 100

42 25.9 13.7 20.5#

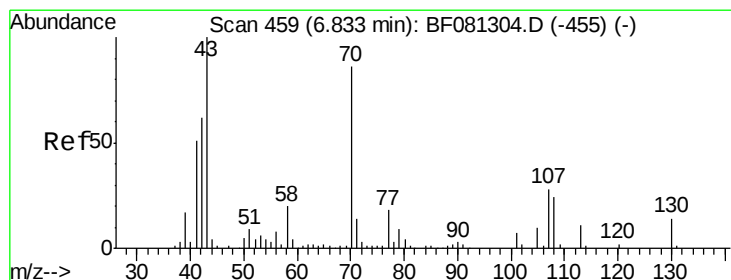
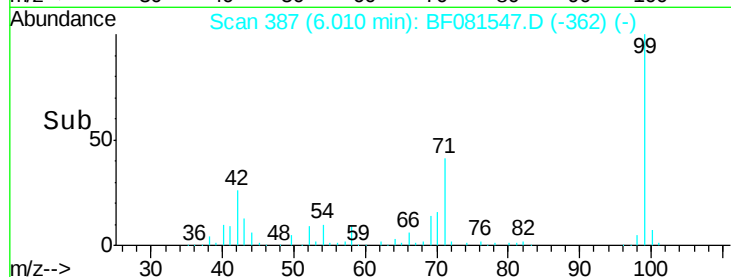
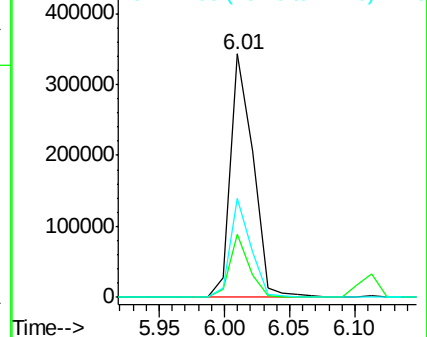
71 40.7 14.2 21.2#



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: 14.97 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

Tgt Ion: 70 Resp: 42385

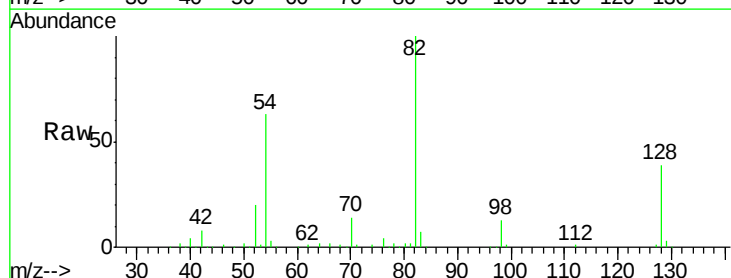
Ion Ratio Lower Upper

70 100

42 55.2 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

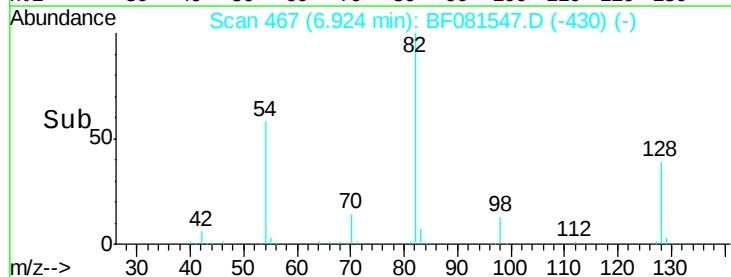
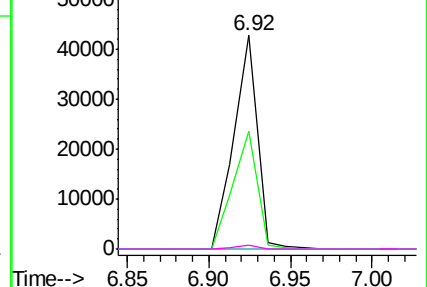


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

Tot Ion:136 Resp: 187157

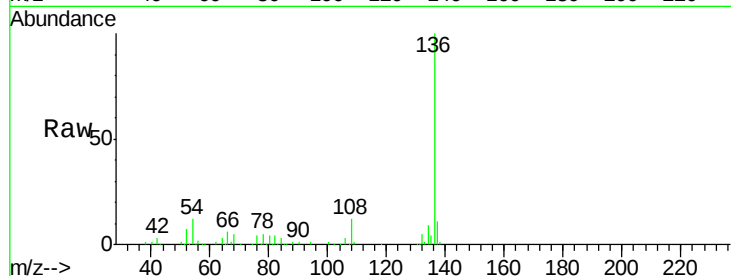
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 11.6 8.2 12.2

68 5.3 5.8 8.6#

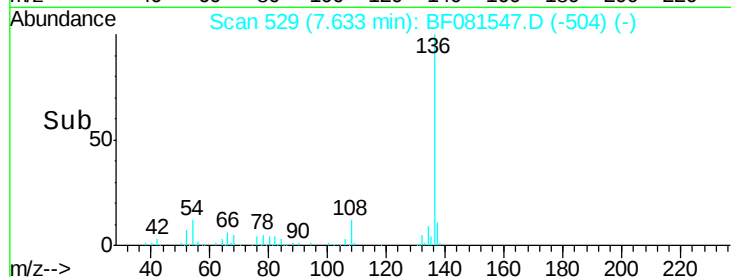


Abundance Ion 136.00 (135.70 to 136.70): E

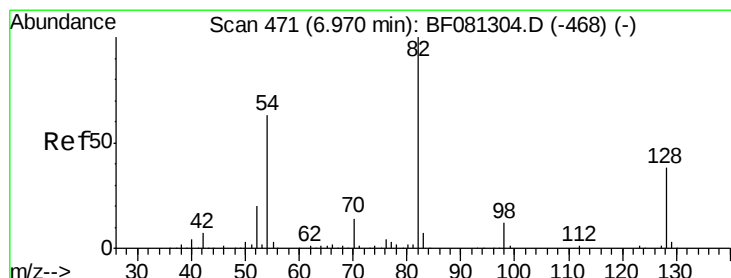
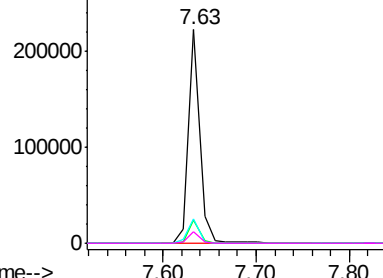
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 80.62 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

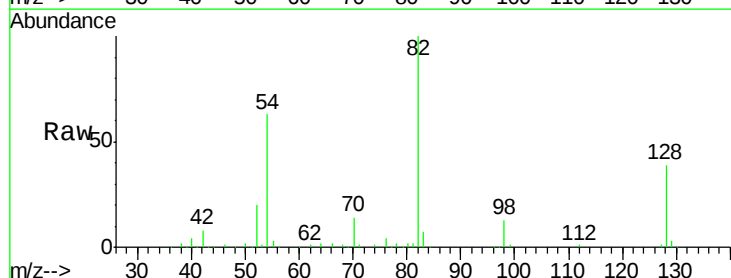
Tgt Ion: 82 Resp: 312724

Ion Ratio Lower Upper

82 100

128 38.8 51.0 76.6#

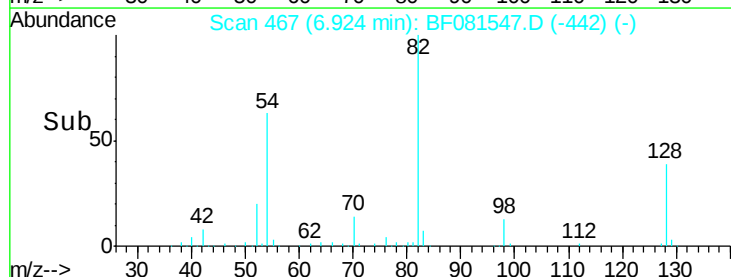
54 63.3 47.5 71.3



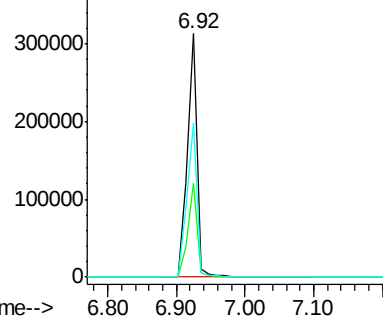
Abundance Ion 82.00 (81.70 to 82.70): BF0

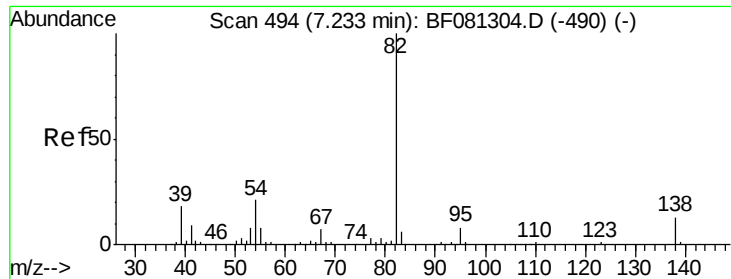
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 31.81 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.27 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

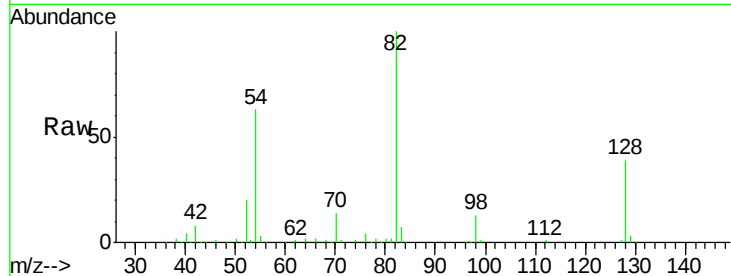
Tot Ion: 82 Resp: 229532

Ion Ratio Lower Upper

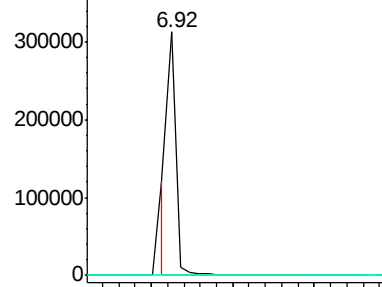
82 100

95 0.0 4.0 6.0#

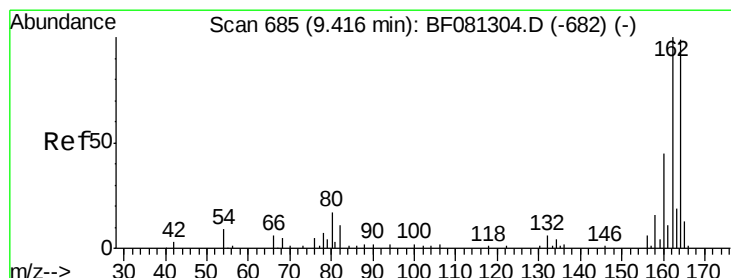
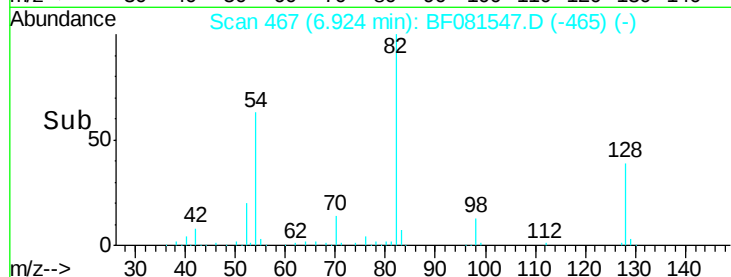
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

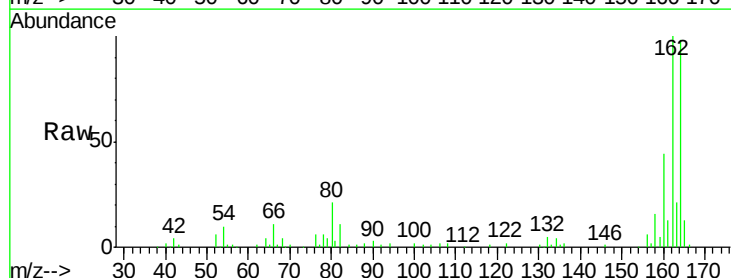
Tgt Ion: 164 Resp: 82860

Ion Ratio Lower Upper

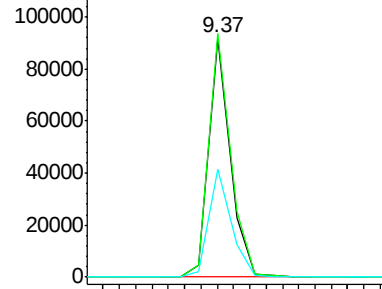
164 100

162 101.9 75.2 112.8

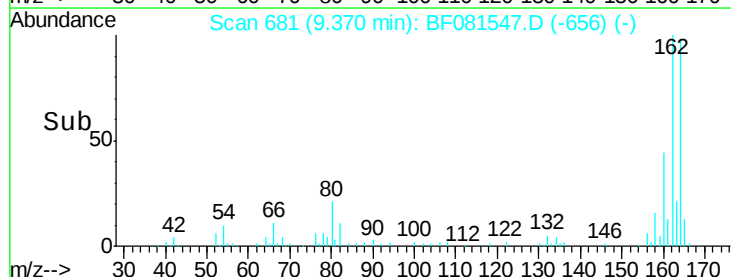
160 45.0 31.5 47.3

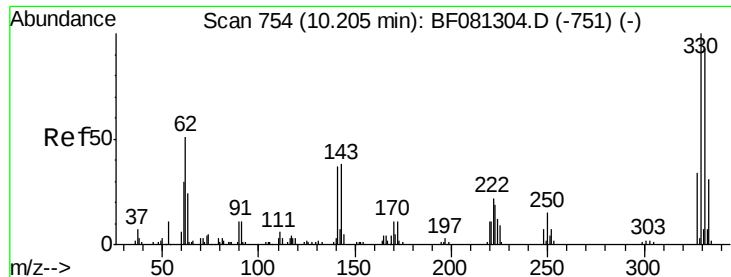


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

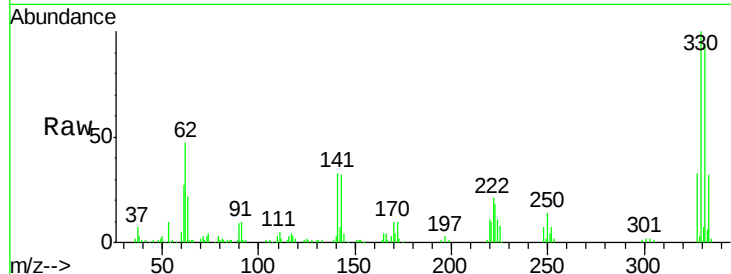




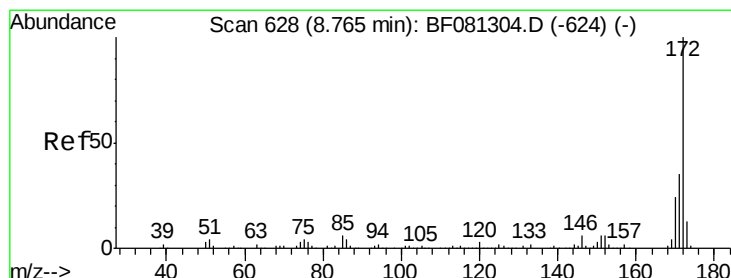
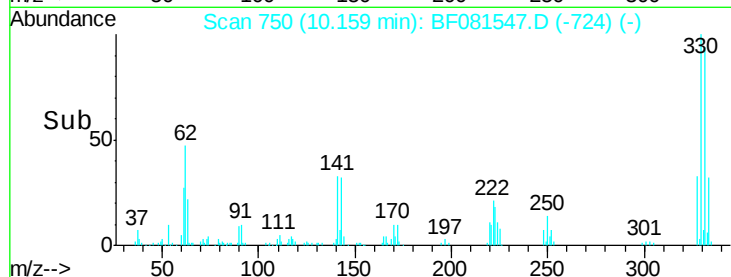
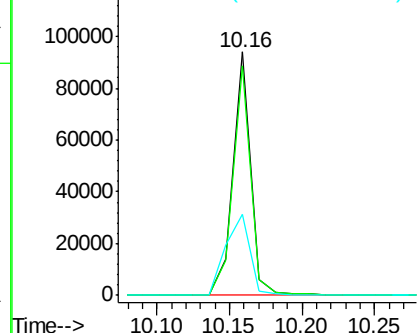
#41
 2,4,6-Tribromophenol
 Concen: 108.58 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081547.D
 Acq: 9 Sep 2015 5:42

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

Tot Ion:330 Resp: 80111
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 45.4 29.7 44.5#

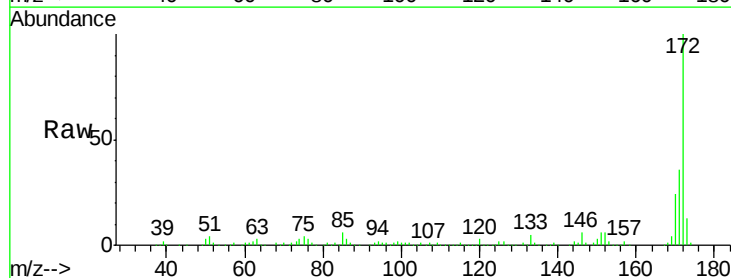


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

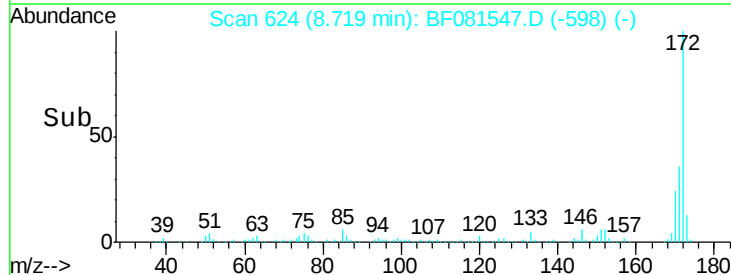
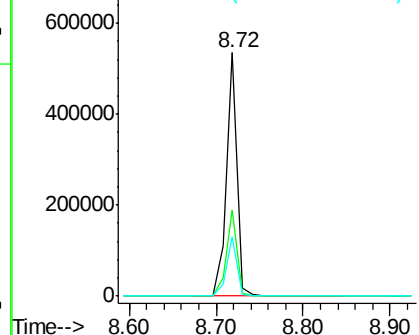


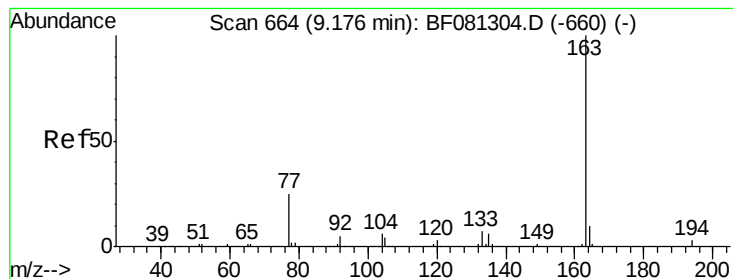
#44
 2-Fluorobiphenyl
 Concen: 71.63 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081547.D
 Acq: 9 Sep 2015 5:42

Tgt Ion:172 Resp: 463185
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.2 17.4 26.2



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: 17.49 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

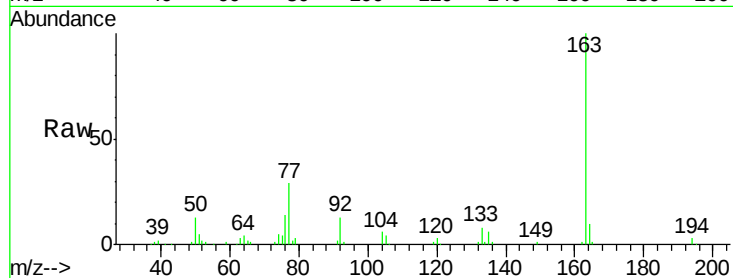
Tot Ion:163 Resp: 112569

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

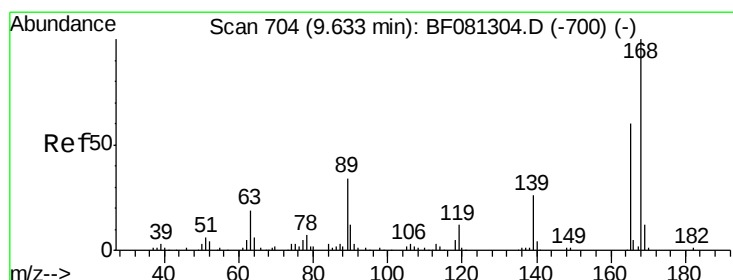
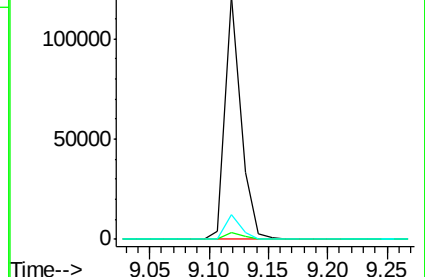
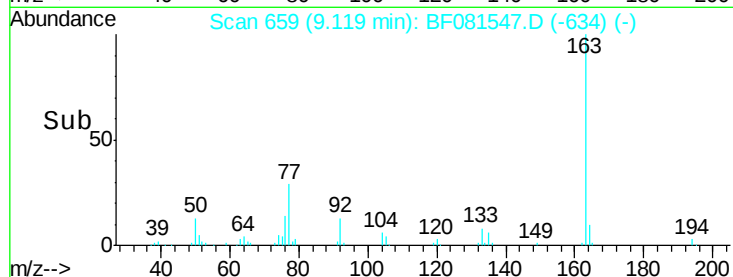
164 10.1 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 5.52 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

Tgt Ion:165 Resp: 10279

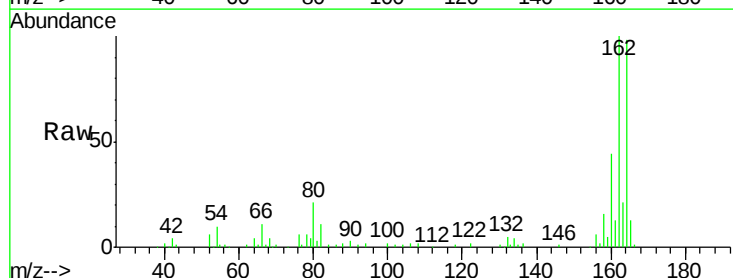
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

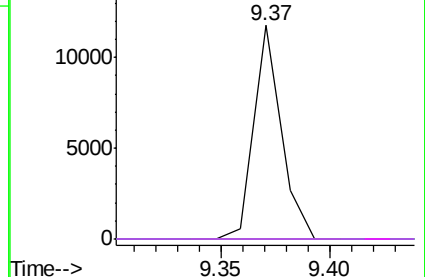
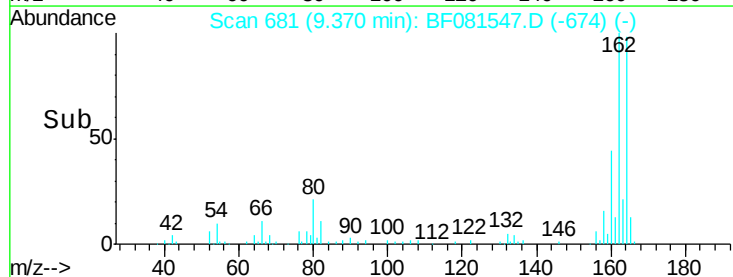


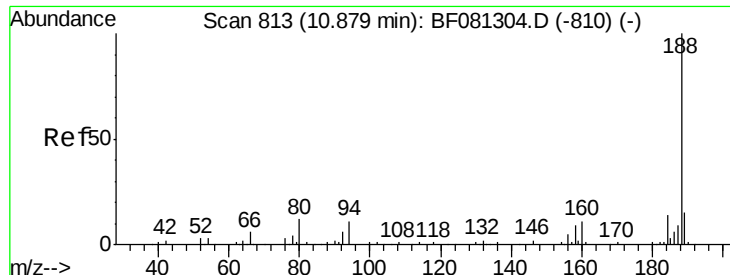
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

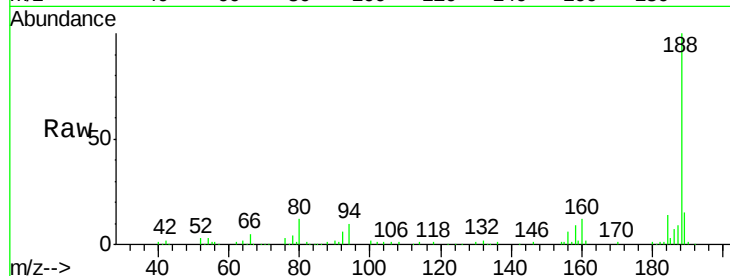




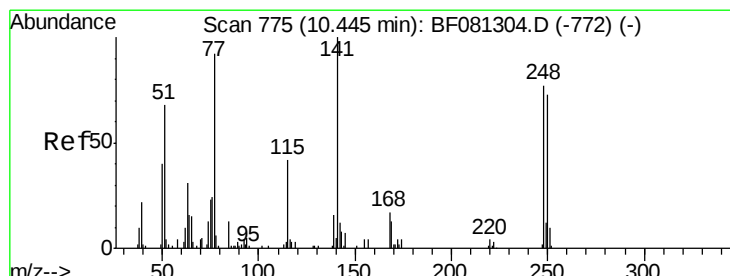
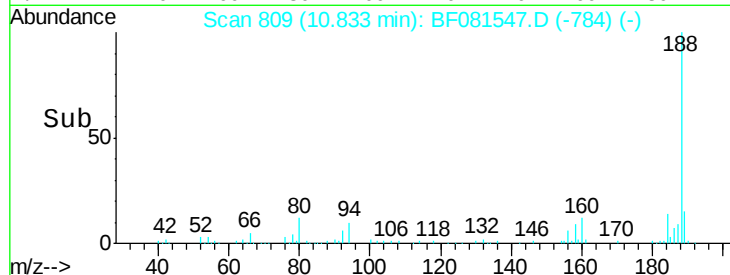
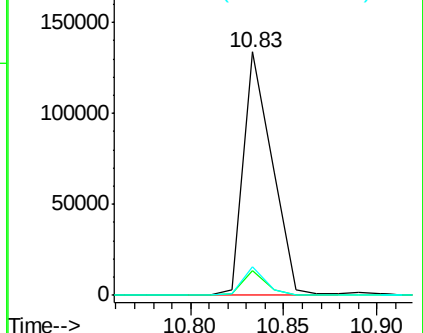
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF081547.D
 Acq: 9 Sep 2015 5:42

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

Tot Ion:188 Resp: 143629
 Ion Ratio Lower Upper
 188 100
 94 10.1 11.1 16.7#
 80 11.6 11.0 16.4

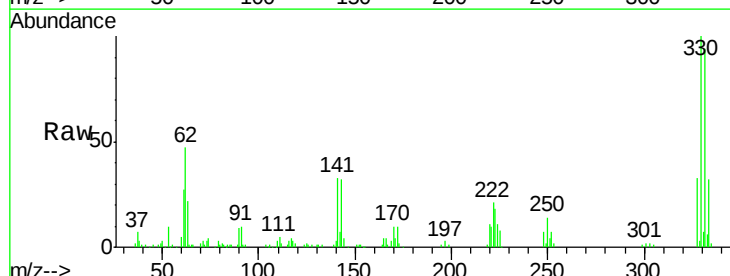


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

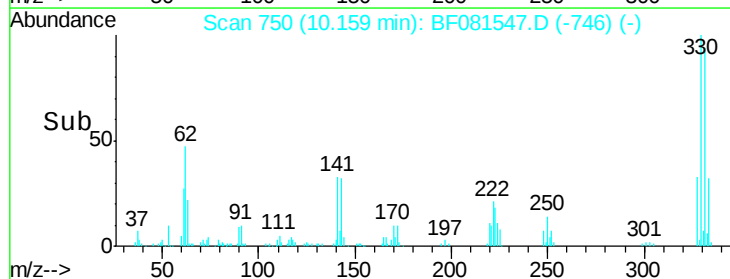
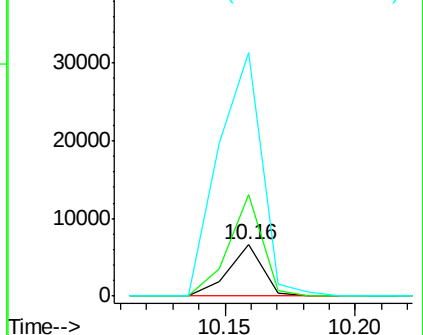


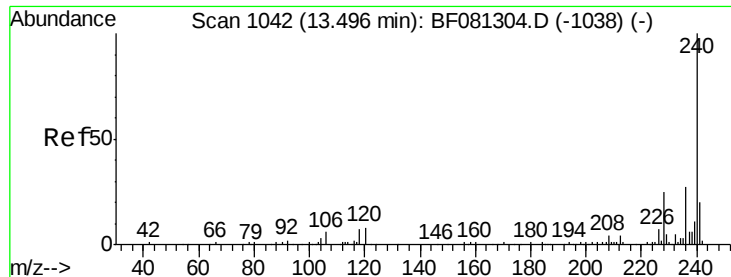
#66
 4-Bromophenyl-phenylether
 Concen: 4.15 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF081547.D
 Acq: 9 Sep 2015 5:42

Tgt Ion:248 Resp: 6020
 Ion Ratio Lower Upper
 248 100
 250 199.8 78.5 117.7#
 141 477.1 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3A

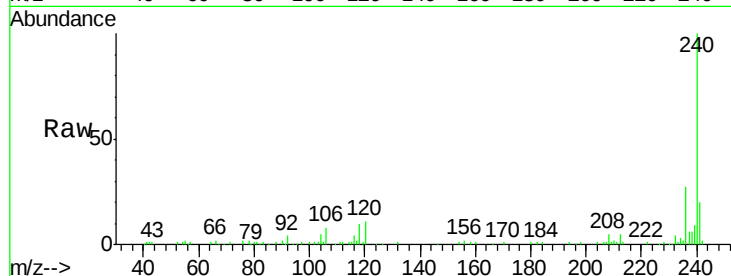
Tot Ion:240 Resp: 99940

Ion Ratio Lower Upper

240 100

120 11.2 16.2 24.2#

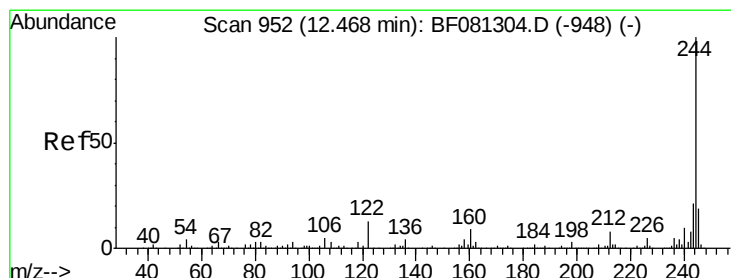
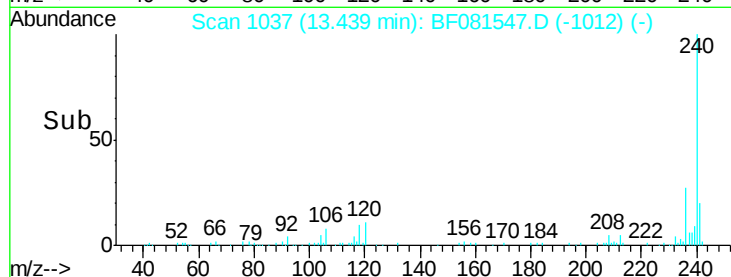
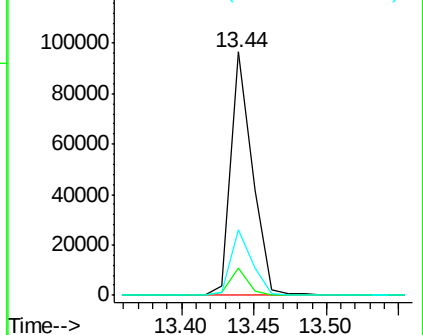
236 27.1 18.4 27.6



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: 76.70 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF081547.D

Acq: 9 Sep 2015 5:42

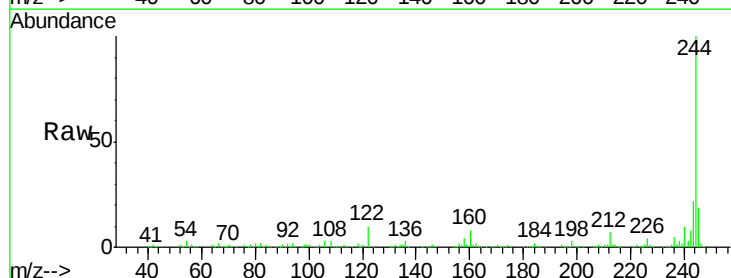
Tgt Ion:244 Resp: 329301

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

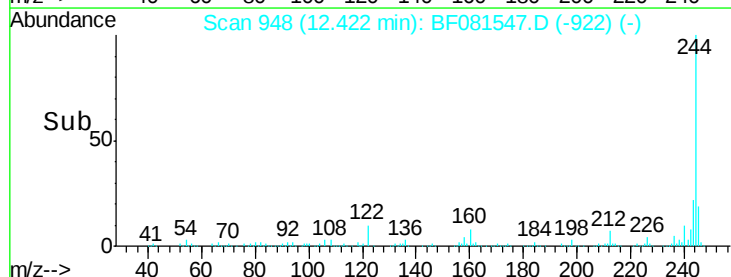
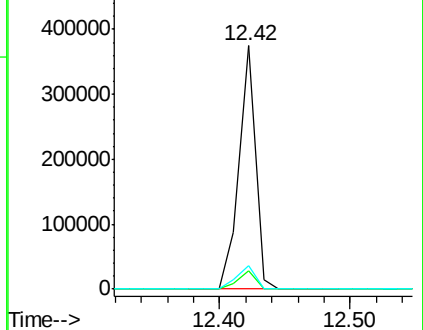
122 9.5 17.4 26.2#

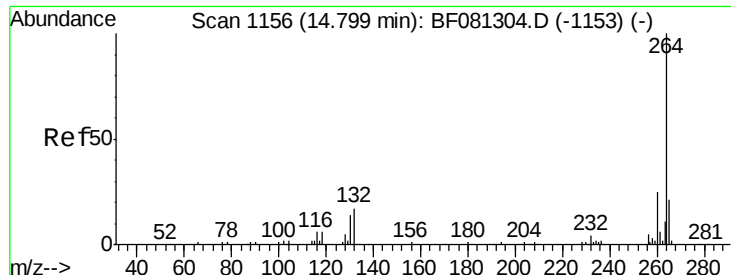


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081547.D
Acq: 9 Sep 2015 5:42

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

Tot Ion: 264 Resp: 93085

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	22.0	17.2	25.8

