

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081668.D
 Acq On : 17 Sep 2015 6:03
 Operator : UM/IZ
 Sample : G3624-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-5B

Quant Time: Sep 17 06:41:30 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

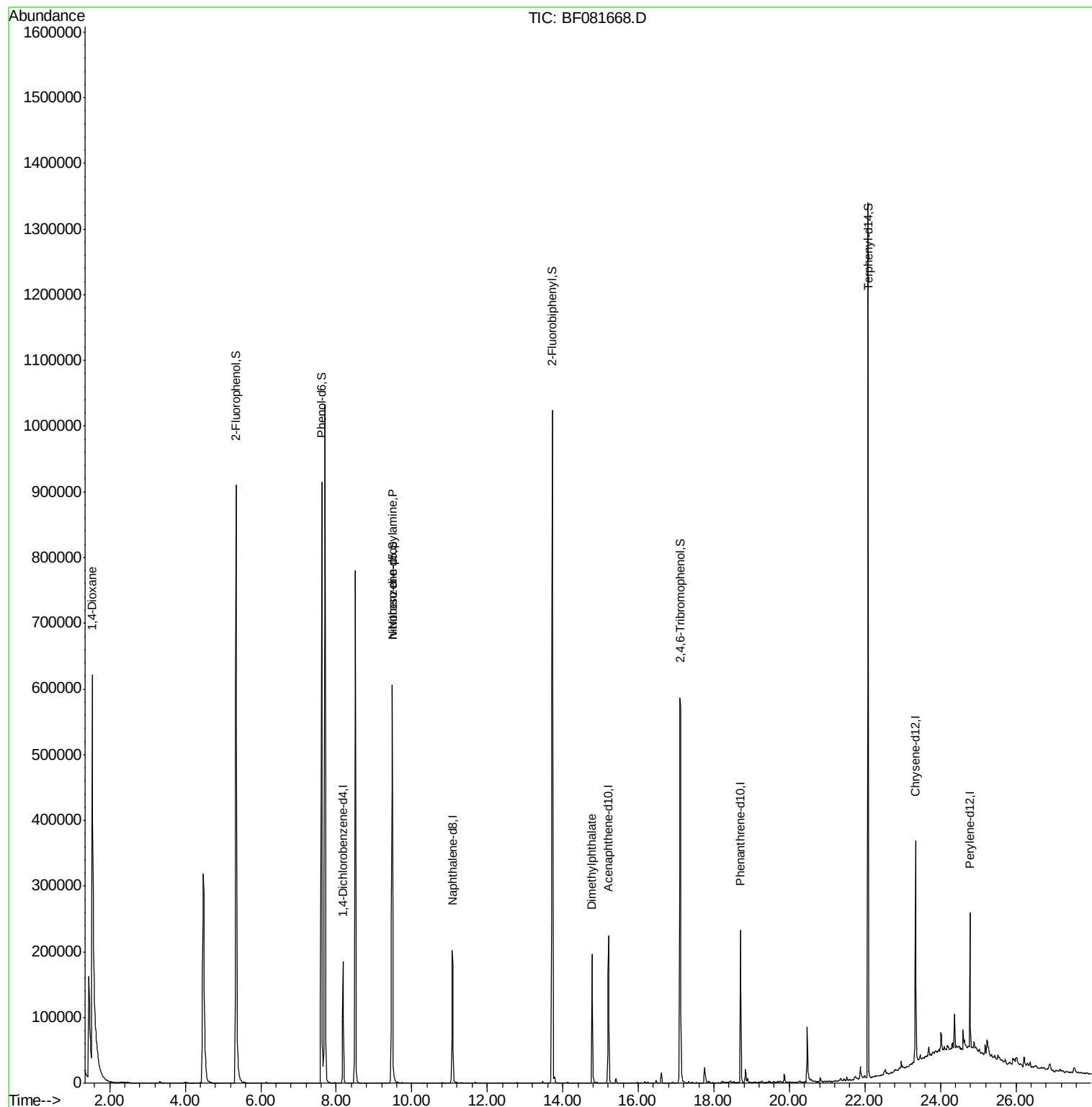
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45366	20.00	ng	-0.03
21) Naphthalene-d8	11.07	136	174528	20.00	ng	-0.05
38) Acenaphthene-d10	15.21	164	82230	20.00	ng	-0.05
63) Phenanthrene-d10	18.71	188	163147	20.00	ng	-0.05
75) Chrysene-d12	23.35	240	113826	20.00	ng	-0.03
86) Perylene-d12	24.79	264	80202	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	416294	142.37	ng	0.00
7) Phenol-d6	7.61	99	575178	148.61	ng	-0.03
23) Nitrobenzene-d5	9.49	82	382315	105.69	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	117582	160.59	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	633433	98.72	ng	-0.05
78) Terphenyl-d14	22.08	244	525496	107.47	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	37289	28.40	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	50768	19.27	ng	# 66
49) Dimethylphthalate	14.78	163	139727	21.87	ng	# 96

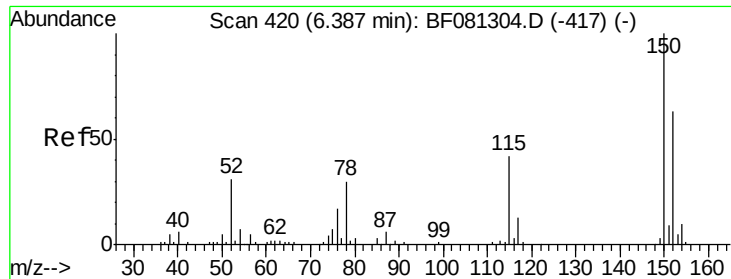
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081668.D

Acq: 17 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5B

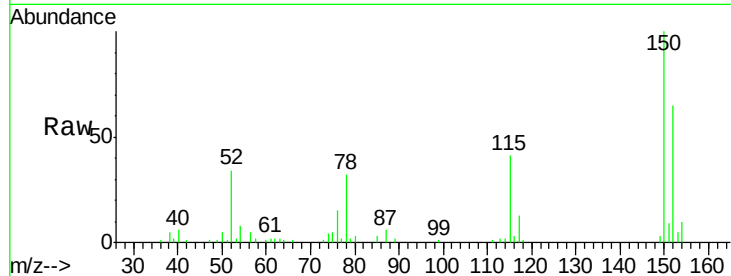
Tgt Ion:152 Resp: 45366

Ion Ratio Lower Upper

152 100

150 153.6 124.7 187.1

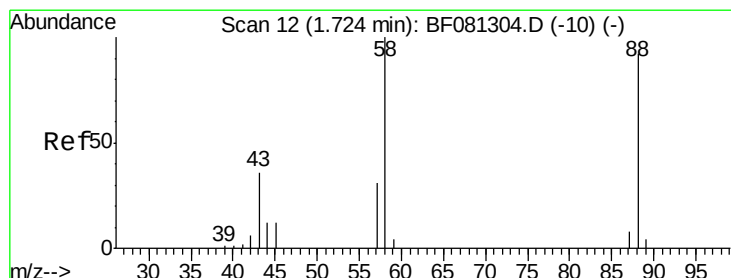
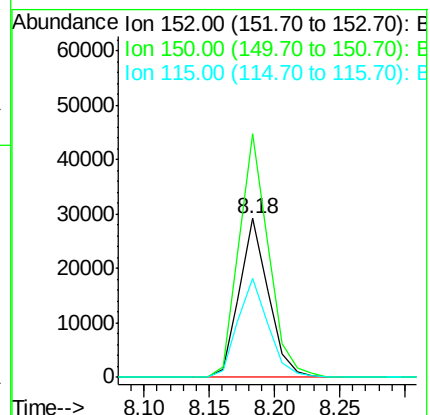
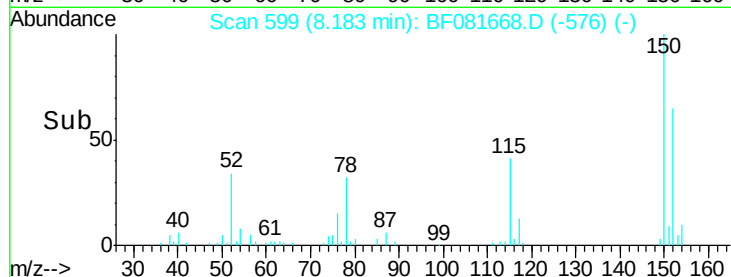
115 62.8 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 28.40 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081668.D

Acq: 17 Sep 2015 6:03

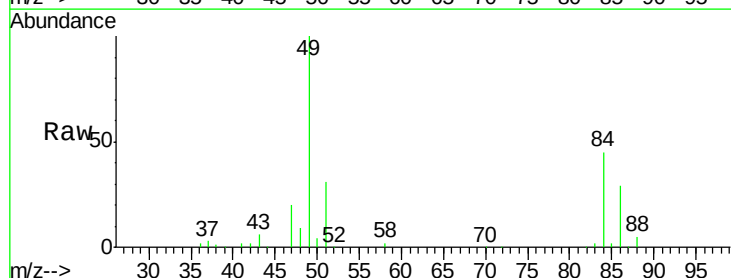
Tgt Ion: 88 Resp: 37289

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

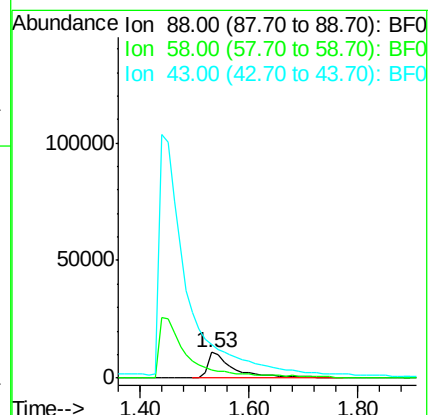
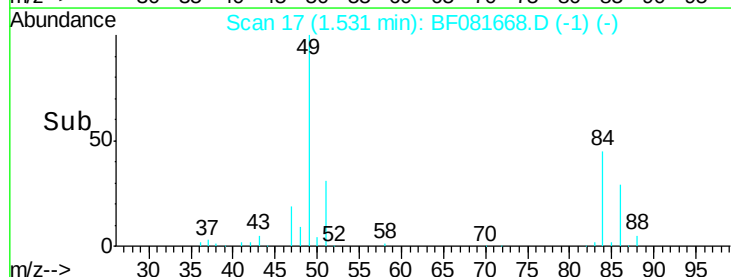
43 0.0 26.6 40.0#

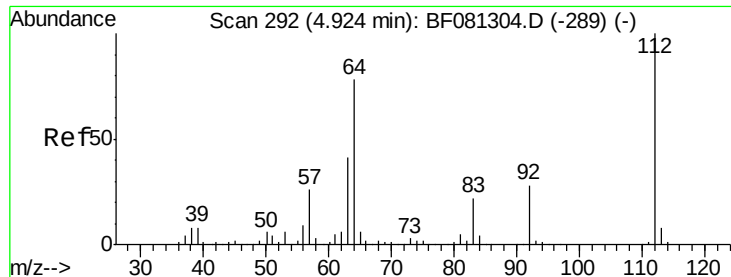


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 142.37 ng

RT: 5.35 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF081668.D

Acq: 17 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5B

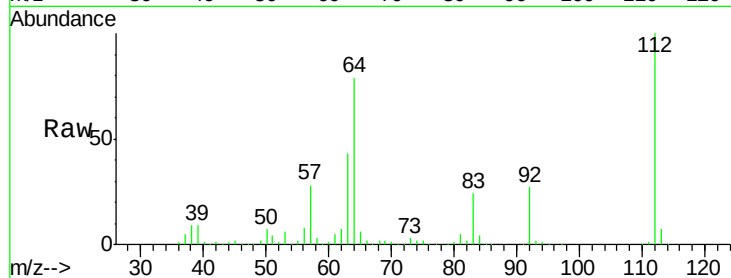
Tgt Ion: 112 Resp: 416294

Ion Ratio Lower Upper

112 100

64 78.7 39.7 59.5#

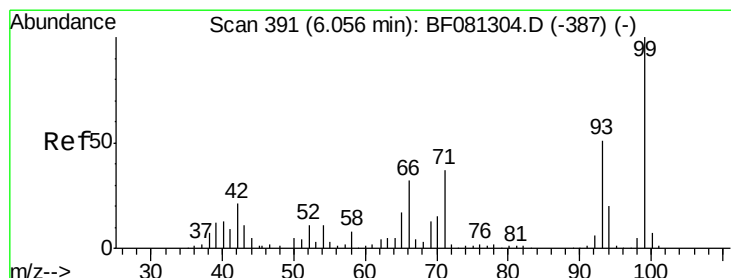
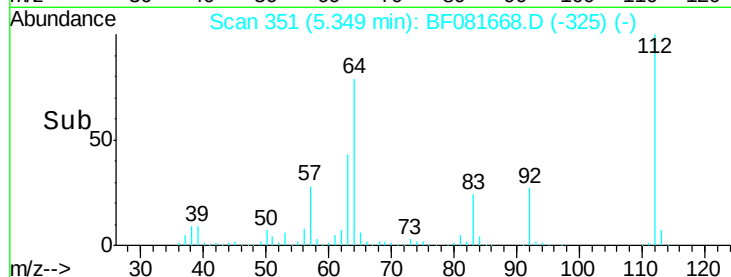
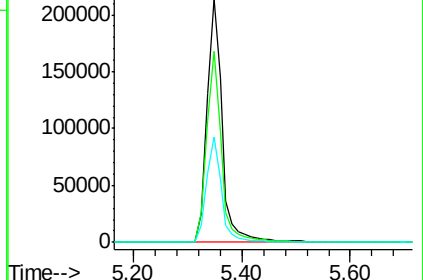
63 43.4 17.4 26.0#



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: 148.61 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081668.D

Acq: 17 Sep 2015 6:03

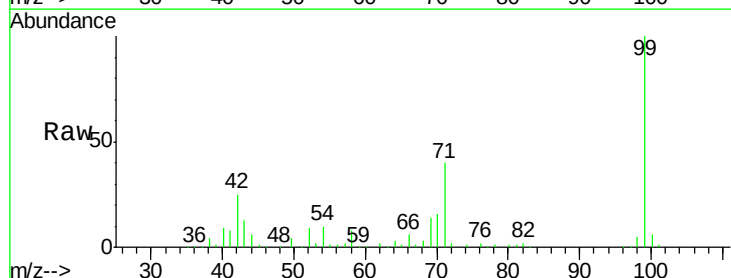
Tgt Ion: 99 Resp: 575178

Ion Ratio Lower Upper

99 100

42 25.3 13.7 20.5#

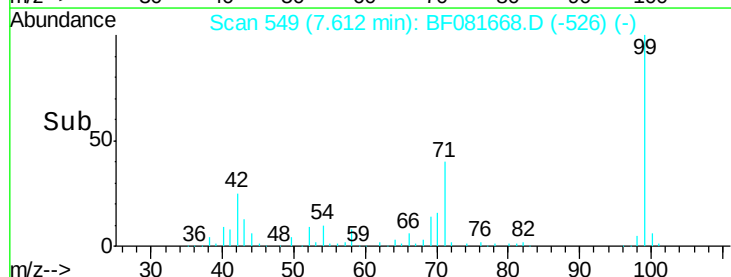
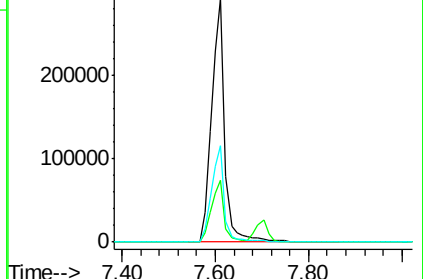
71 39.6 14.2 21.2#

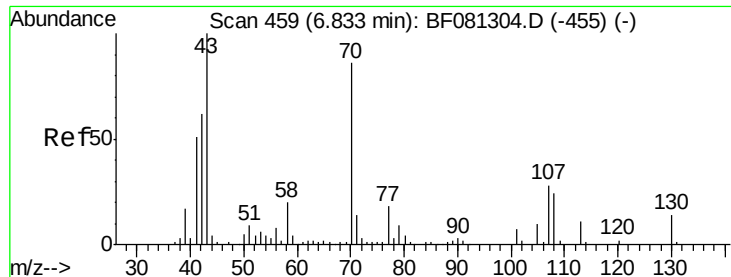


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

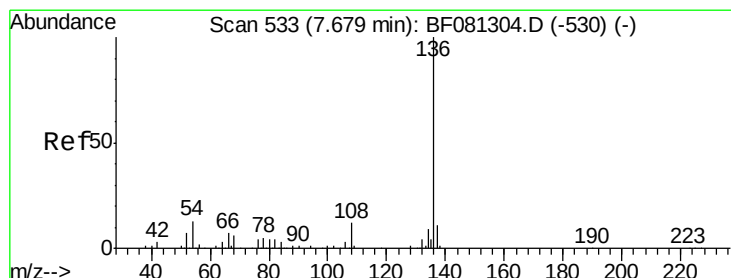
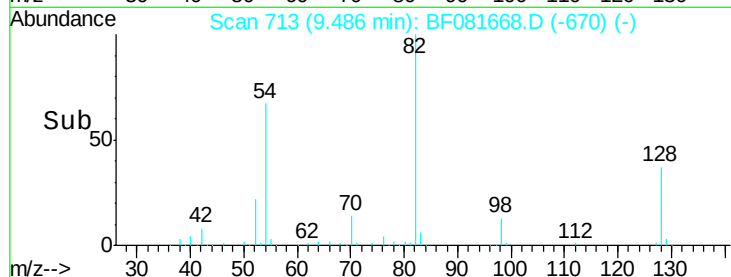
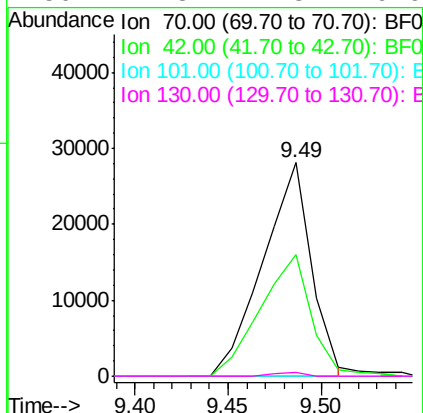
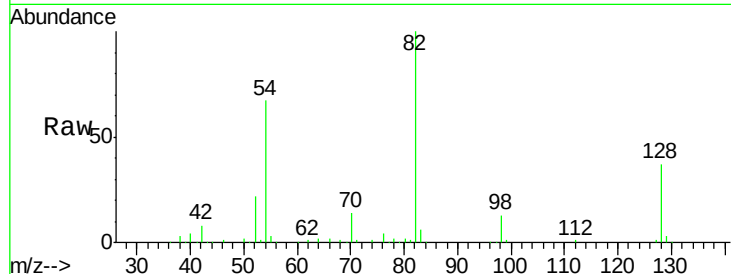




#19
n-Nitroso-di-n-propylamine
Concen: 19.27 ng
RT: 9.49 min Scan# 713
Delta R.T. 0.19 min
Lab File: BF081668.D
Acq: 17 Sep 2015 6:03

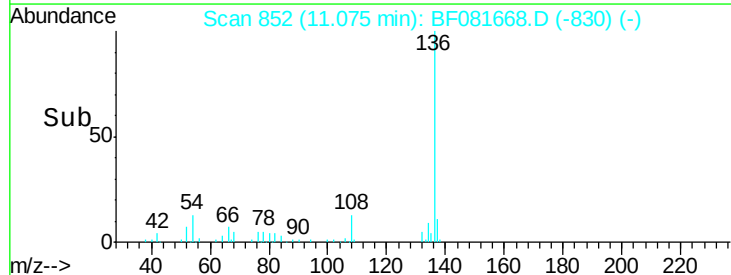
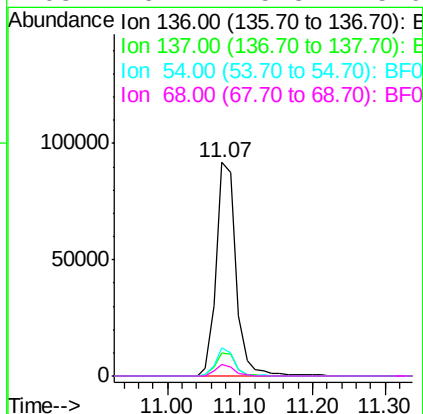
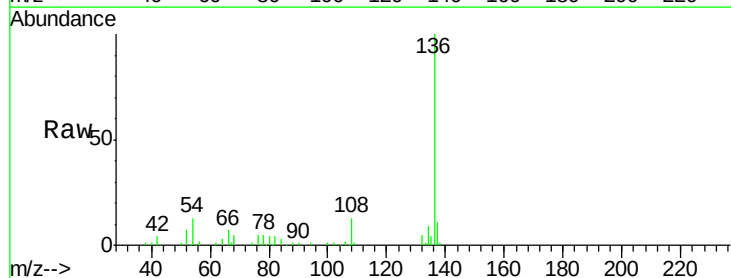
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-5B

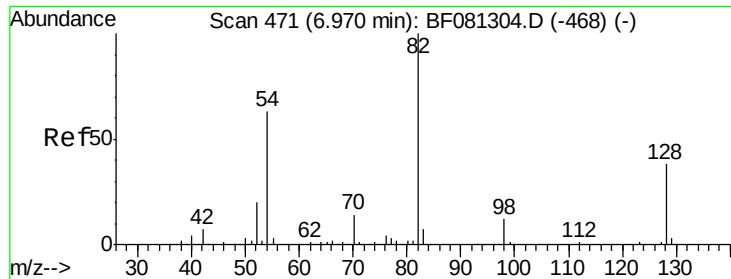
Tgt Ion: 70 Resp: 50768
Ion Ratio Lower Upper
70 100
42 57.1 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.07 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF081668.D
Acq: 17 Sep 2015 6:03

Tgt Ion: 136 Resp: 174528
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 13.2 8.2 12.2#
68 5.2 5.8 8.6#

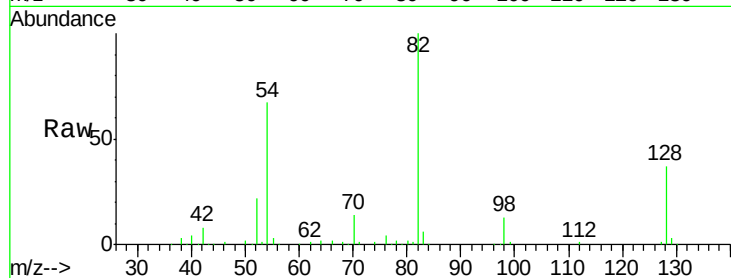




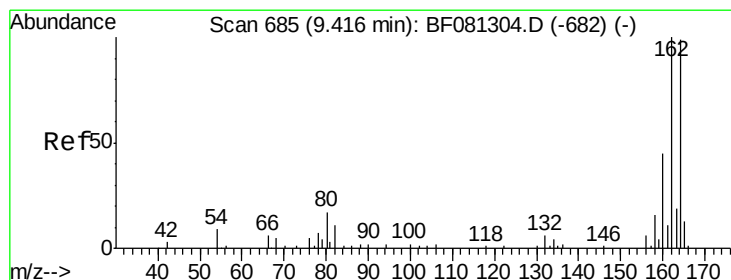
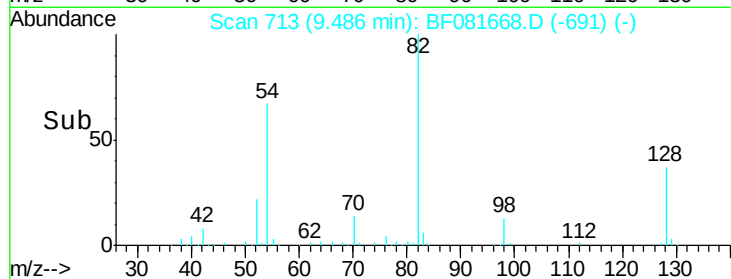
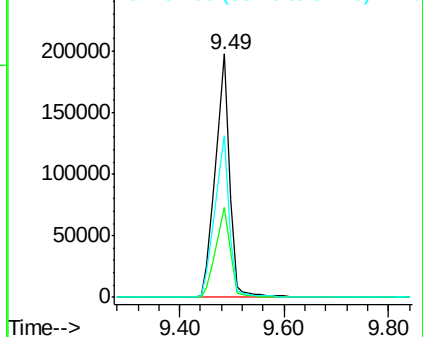
#23
 Nitrobenzene-d5
 Concen: 105.69 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081668.D
 Acq: 17 Sep 2015 6:03

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-5B

Tgt Ion: 82 Resp: 382315
 Ion Ratio Lower Upper
 82 100
 128 37.0 51.0 76.6#
 54 66.6 47.5 71.3

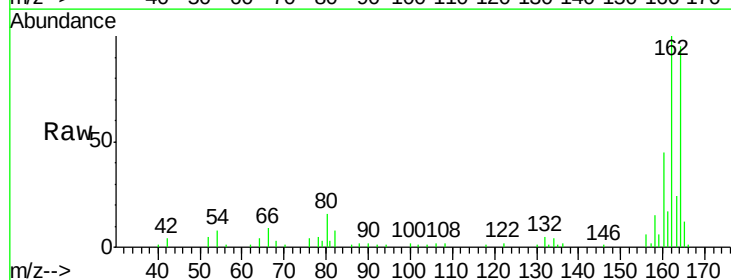


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

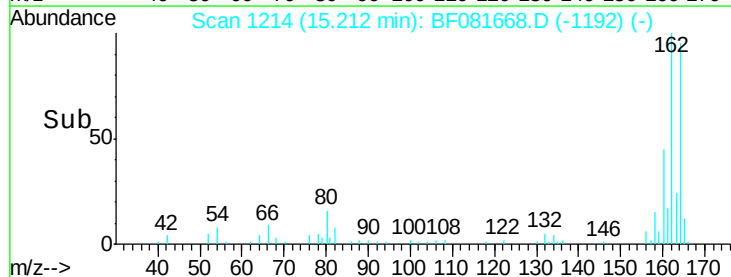
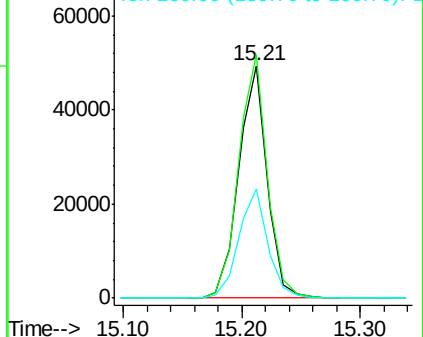


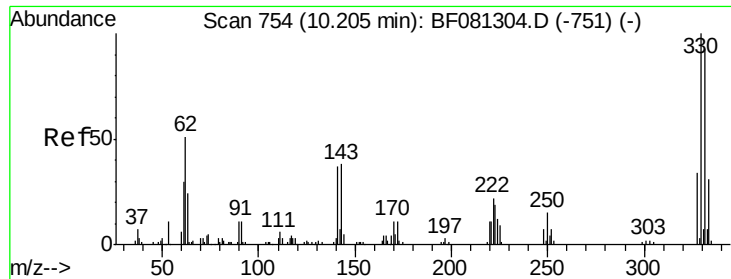
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081668.D
 Acq: 17 Sep 2015 6:03

Tgt Ion: 164 Resp: 82230
 Ion Ratio Lower Upper
 164 100
 162 104.8 75.2 112.8
 160 47.1 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

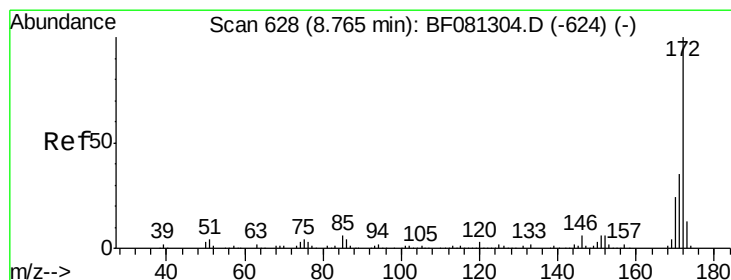
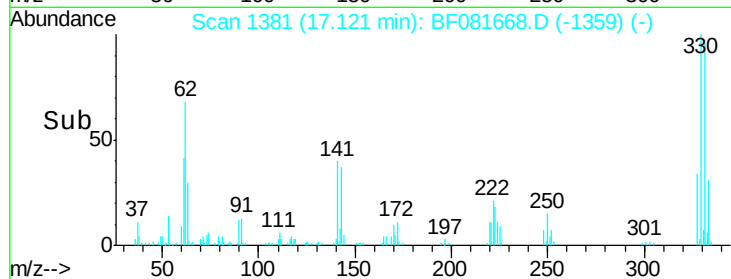
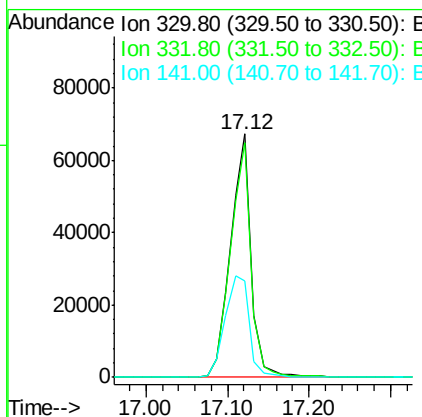
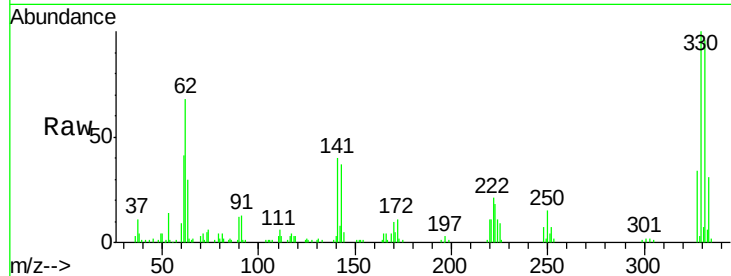




#41
 2,4,6-Tribromophenol
 Concen: 160.59 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081668.D
 Acq: 17 Sep 2015 6:03

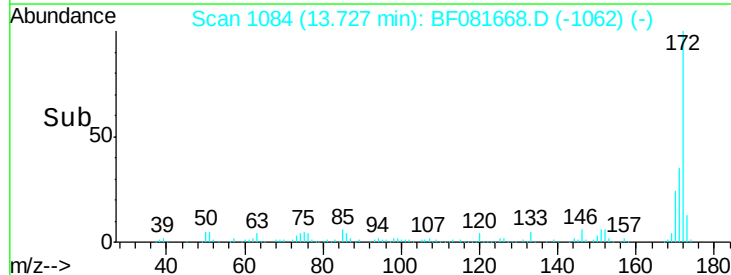
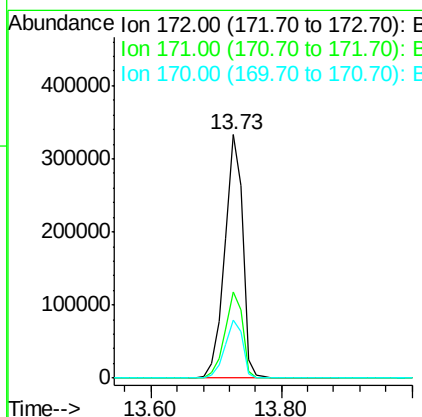
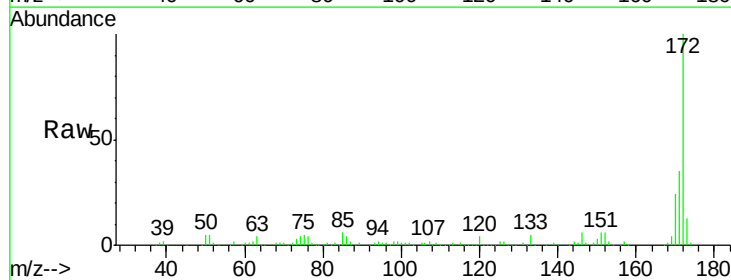
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 BNA_F
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 VITALE-FILL-SOURCE-5B

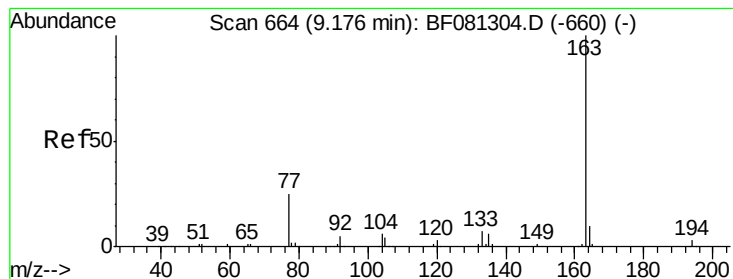
Tgt Ion: 330 Resp: 117582
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 49.3 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 98.72 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081668.D
 Acq: 17 Sep 2015 6:03

Tgt Ion: 172 Resp: 633433
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.7 17.4 26.2





#49

Dimethylphthalate

Concen: 21.87 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081668.D

Acq: 17 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5B

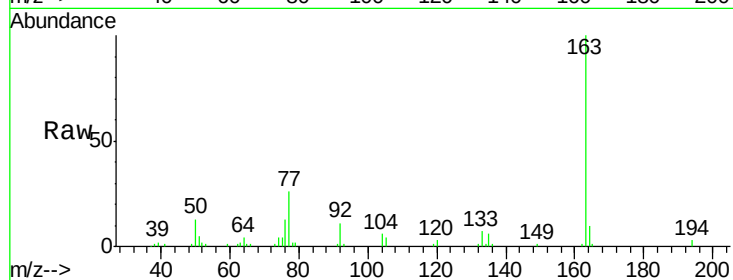
Tgt Ion:163 Resp: 139727

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

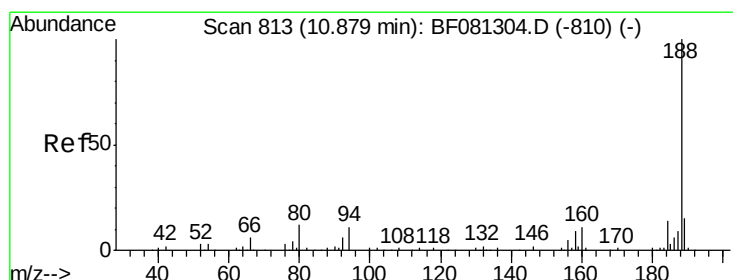
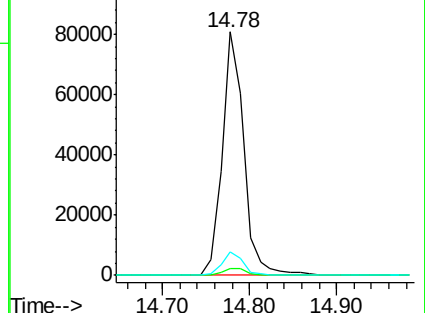
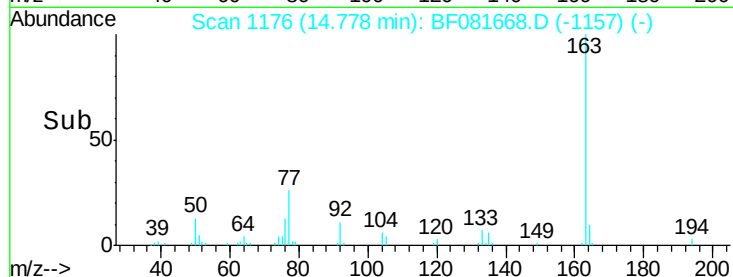
164 9.7 8.3 12.5



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: BF081668.D

Acq: 17 Sep 2015 6:03

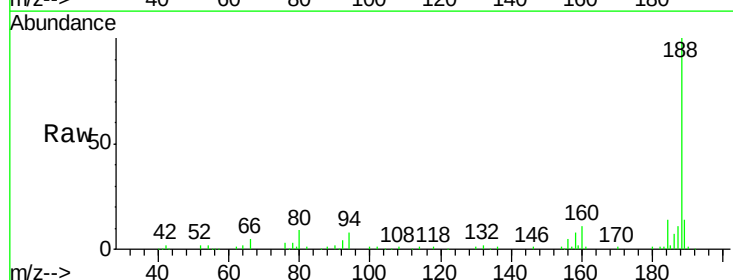
Tgt Ion:188 Resp: 163147

Ion Ratio Lower Upper

188 100

94 8.3 11.1 16.7#

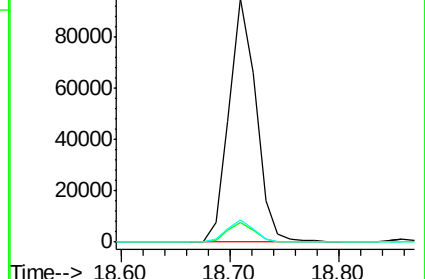
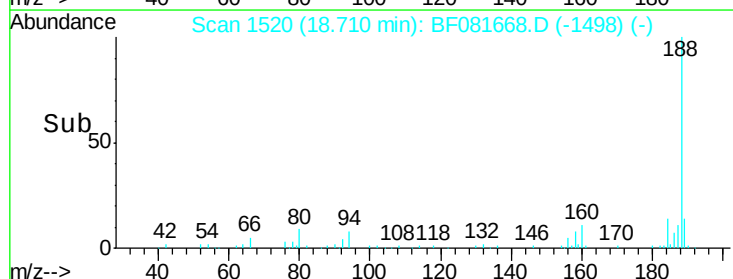
80 9.3 11.0 16.4#

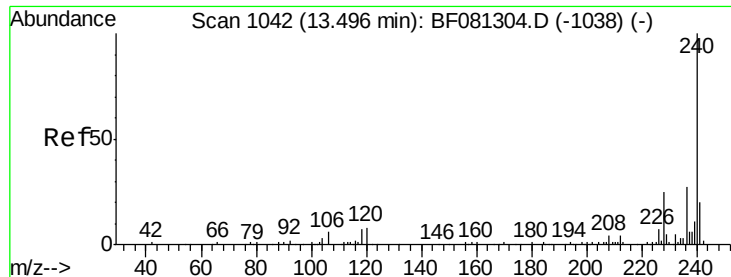


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF081668.D

Acq: 17 Sep 2015 6:03

Instrument :

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VITALE-FILL-SOURCE-5B

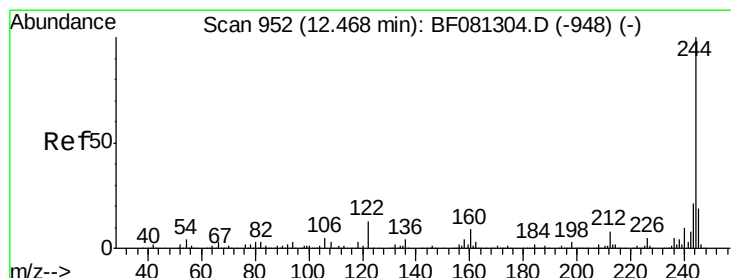
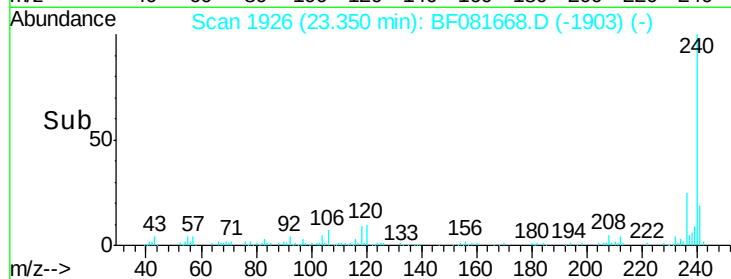
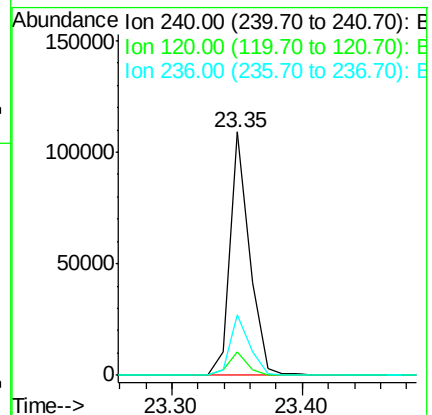
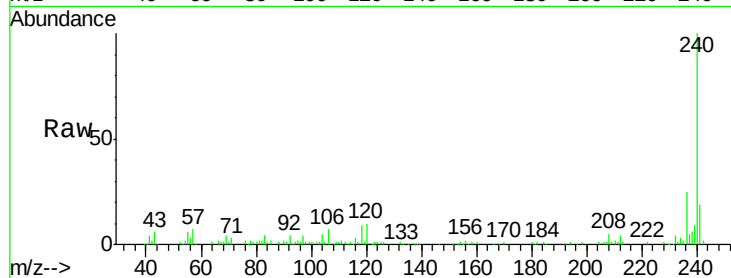
Tgt Ion:240 Resp: 113826

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

236 25.0 18.4 27.6



#78

Terphenyl-d14

Concen: 107.47 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081668.D

Acq: 17 Sep 2015 6:03

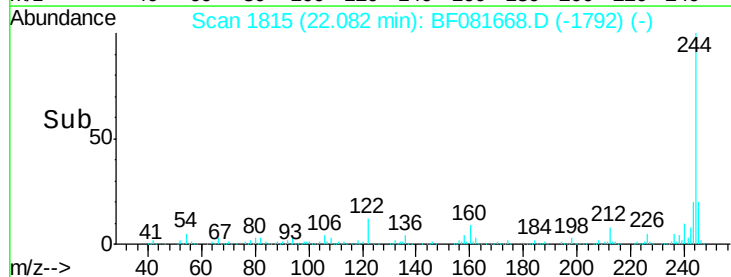
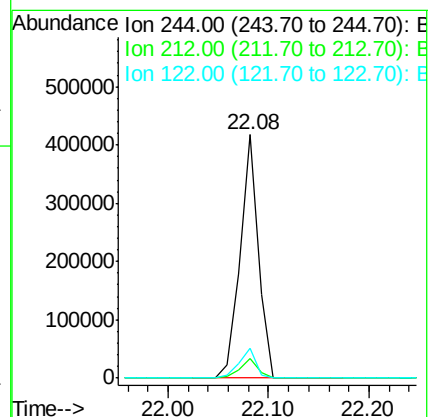
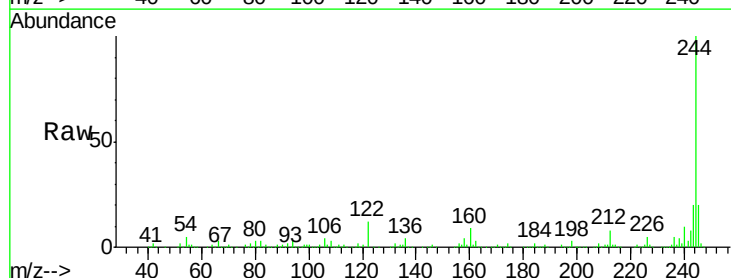
Tgt Ion:244 Resp: 525496

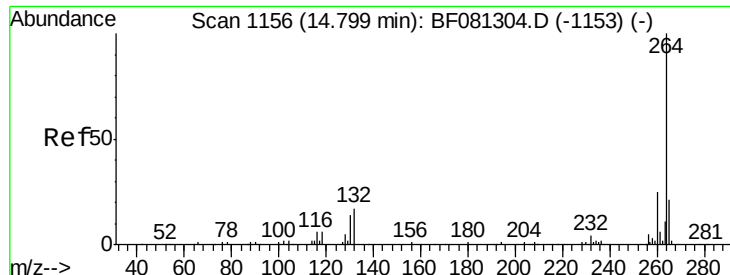
Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

122 12.4 17.4 26.2#

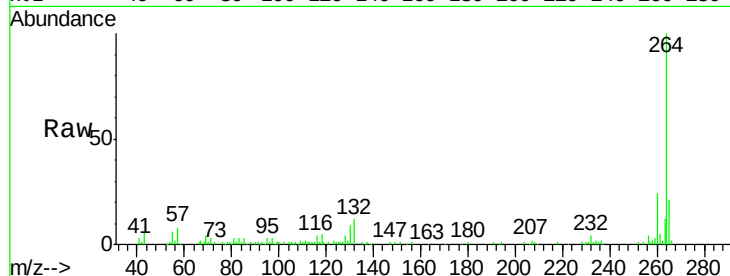




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BF081668.D
 Acq: 17 Sep 2015 6:03

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-5B

Tgt Ion: 264 Resp: 80202
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.5 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

