

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081667.D
 Acq On : 17 Sep 2015 5:27
 Operator : UM/IZ
 Sample : G3637-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Sep 17 06:41:11 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

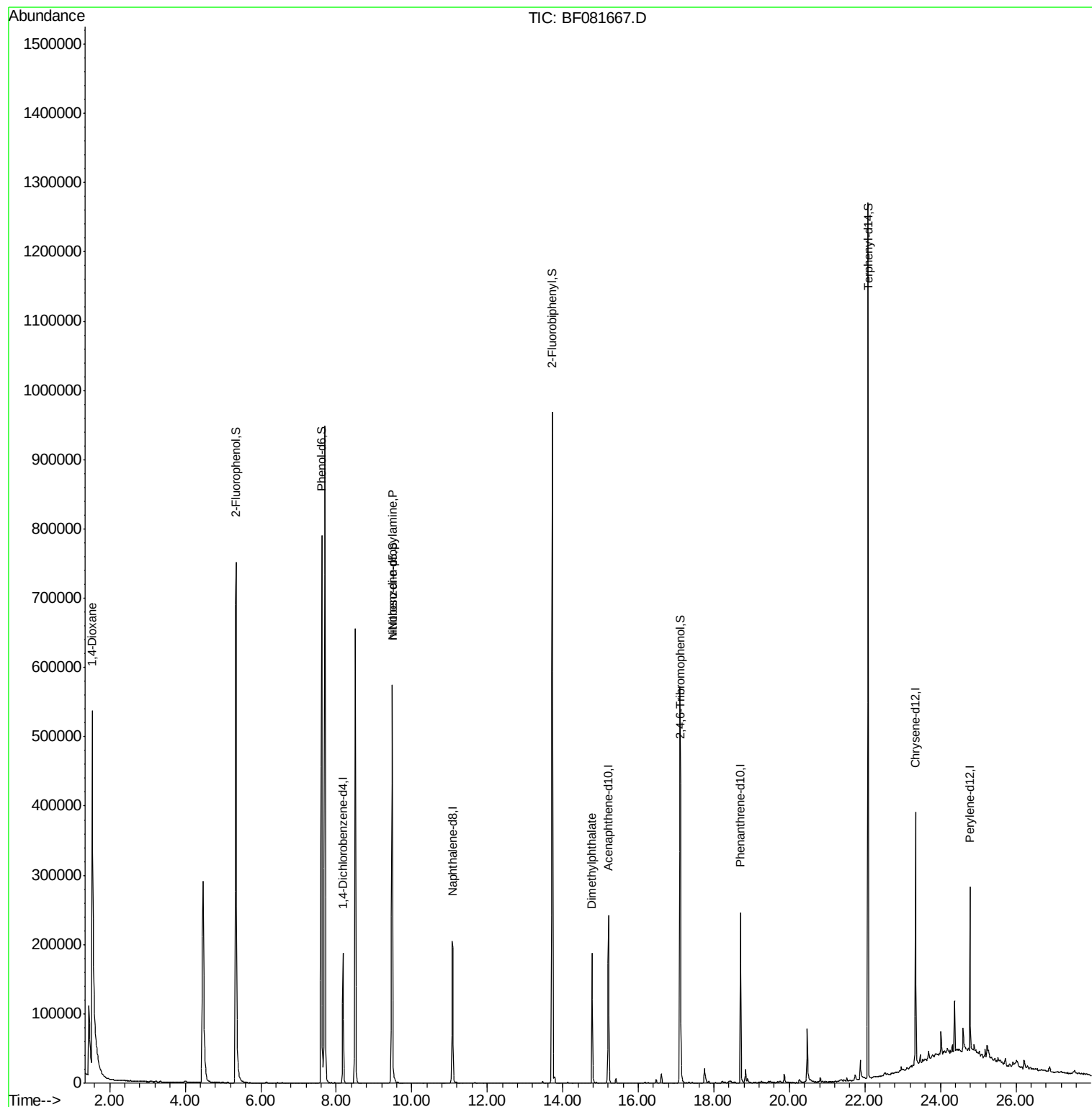
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45209	20.00	ng	-0.03
21) Naphthalene-d8	11.07	136	183158	20.00	ng	-0.05
38) Acenaphthene-d10	15.21	164	86521	20.00	ng	-0.05
63) Phenanthrene-d10	18.71	188	174994	20.00	ng	-0.05
75) Chrysene-d12	23.35	240	124766	20.00	ng	-0.03
86) Perylene-d12	24.79	264	89558	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	369208	126.71	ng	0.00
7) Phenol-d6	7.61	99	532856	138.15	ng	-0.03
23) Nitrobenzene-d5	9.49	82	342898	90.32	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	107271	139.24	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	577461	85.53	ng	-0.05
78) Terphenyl-d14	22.08	244	494316	92.23	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	32058	24.50	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	45356	17.28	ng	# 65
49) Dimethylphthalate	14.78	163	131899	19.62	ng	# 97

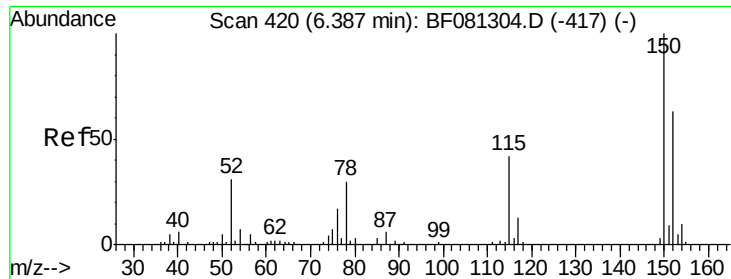
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 14:03:59 2015
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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: BF081667.D

Acq: 17 Sep 2015 5:27

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

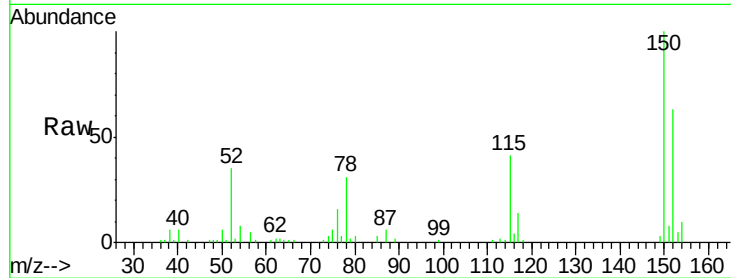
Tgt Ion:152 Resp: 45209

Ion Ratio Lower Upper

152 100

150 157.9 124.7 187.1

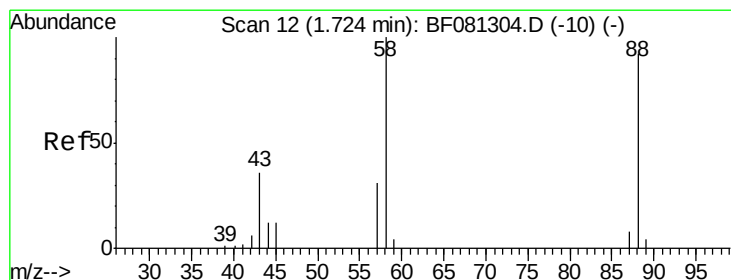
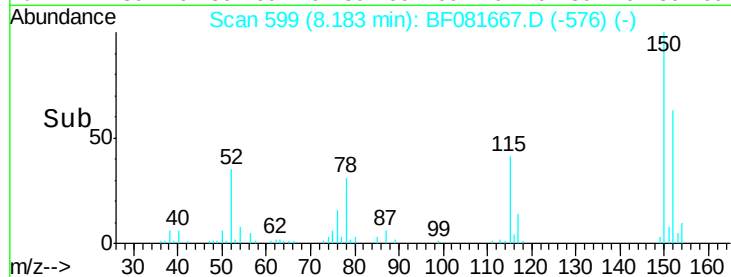
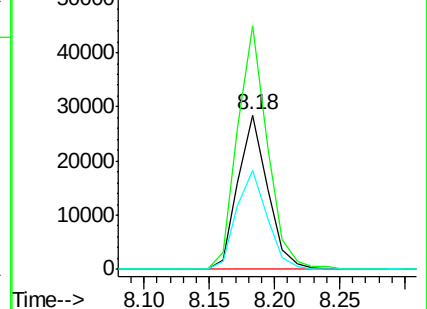
115 64.5 39.0 58.4#



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: 24.50 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081667.D

Acq: 17 Sep 2015 5:27

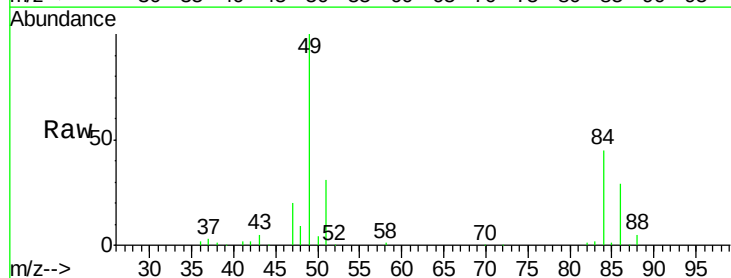
Tgt Ion: 88 Resp: 32058

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

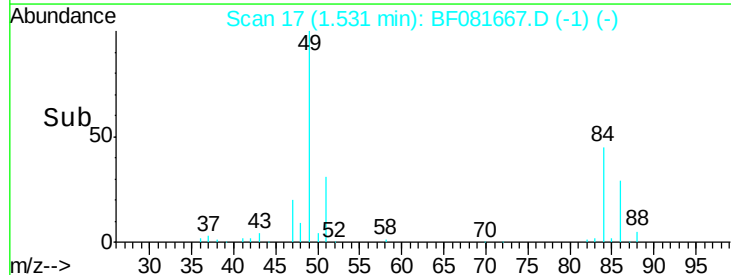
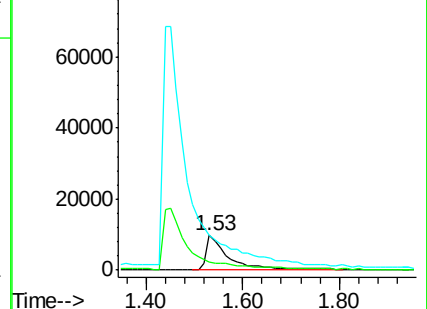
43 0.0 26.6 40.0#

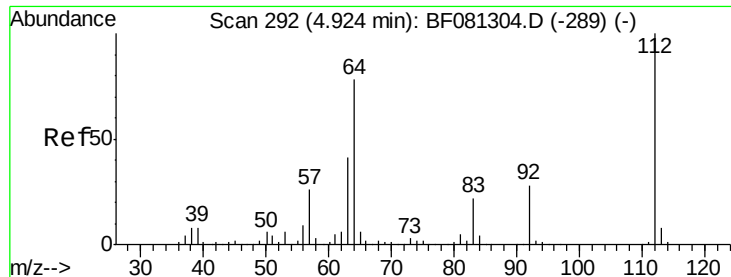


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 126.71 ng

RT: 5.35 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF081667.D

Acq: 17 Sep 2015 5:27

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

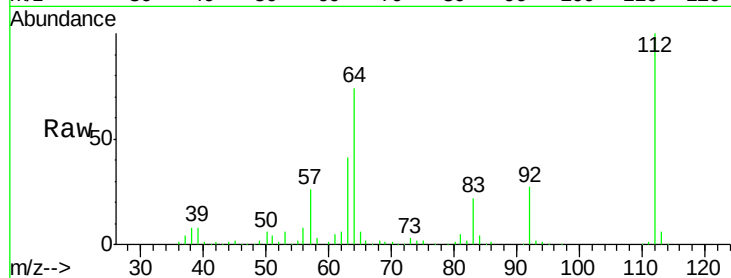
Tgt Ion: 112 Resp: 369208

Ion Ratio Lower Upper

112 100

64 74.2 39.7 59.5#

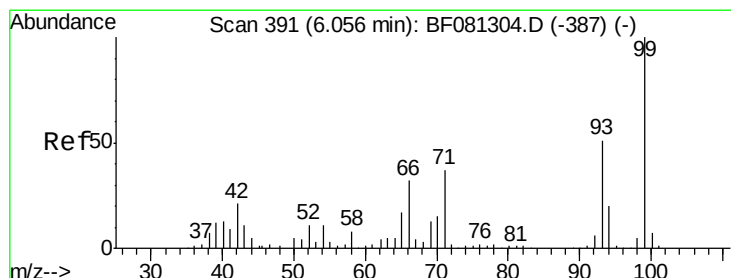
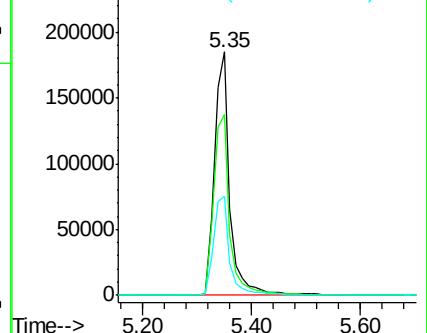
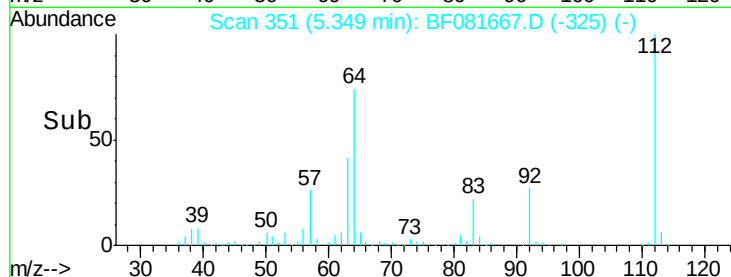
63 40.7 17.4 26.0#



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: 138.15 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081667.D

Acq: 17 Sep 2015 5:27

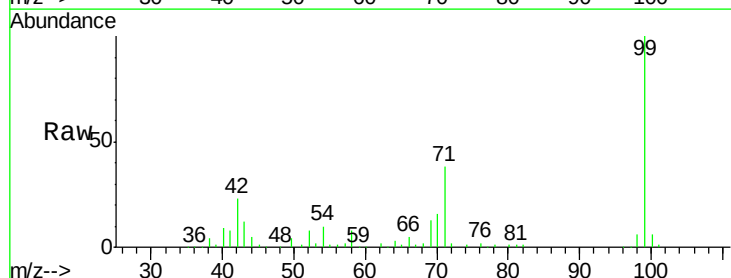
Tgt Ion: 99 Resp: 532856

Ion Ratio Lower Upper

99 100

42 23.4 13.7 20.5#

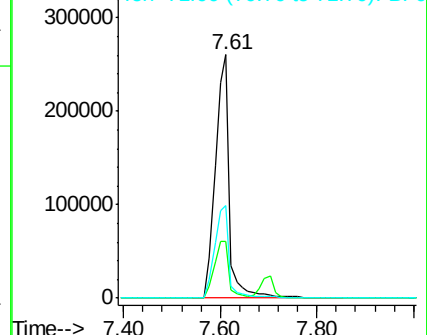
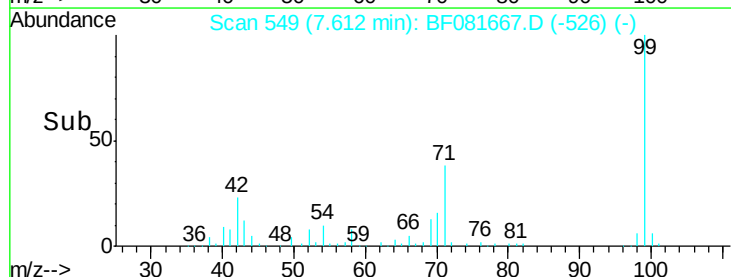
71 37.9 14.2 21.2#

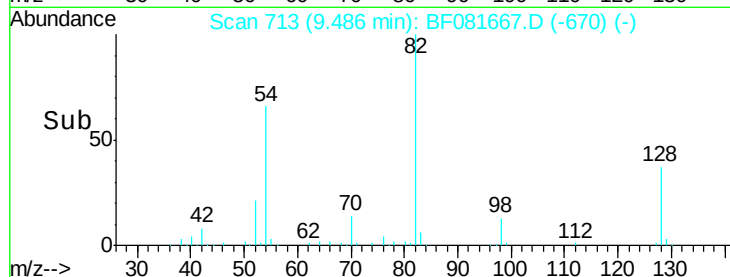
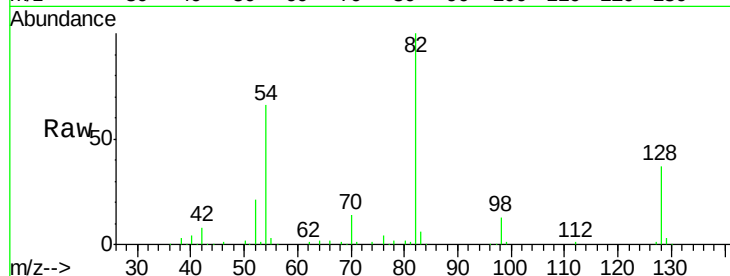
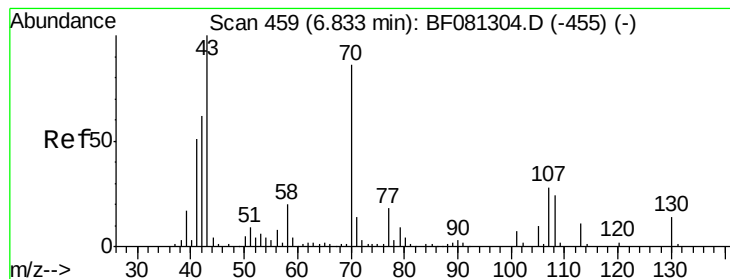


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 17.28 ng

RT: 9.49 min Scan# 713

Delta R.T. 0.19 min

Lab File: BF081667.D

Acq: 17 Sep 2015 5:27

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

Tgt Ion: 70 Resp: 45356

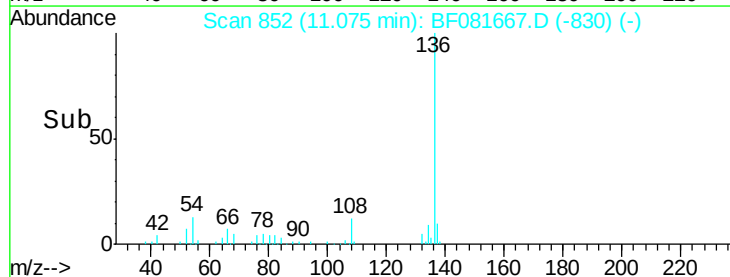
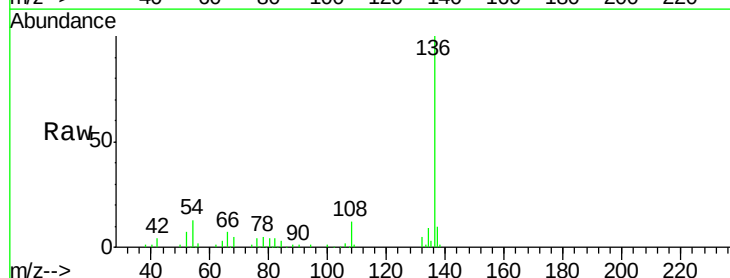
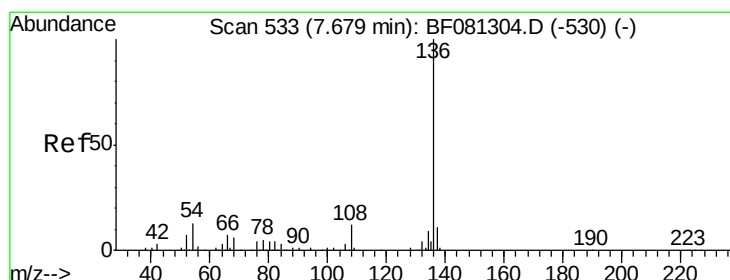
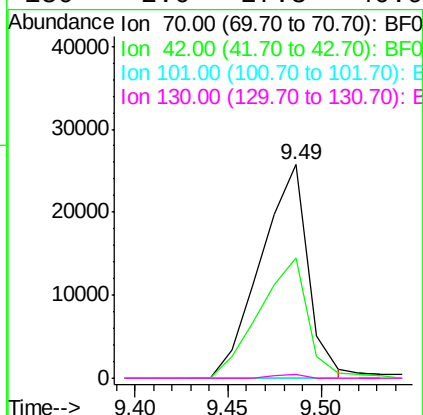
Ion Ratio Lower Upper

70 100

42 56.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 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: BF081667.D

Acq: 17 Sep 2015 5:27

Tgt Ion: 136 Resp: 183158

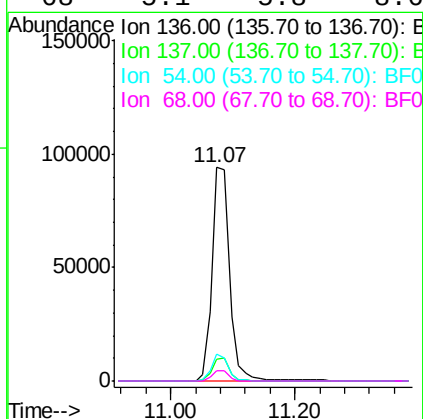
Ion Ratio Lower Upper

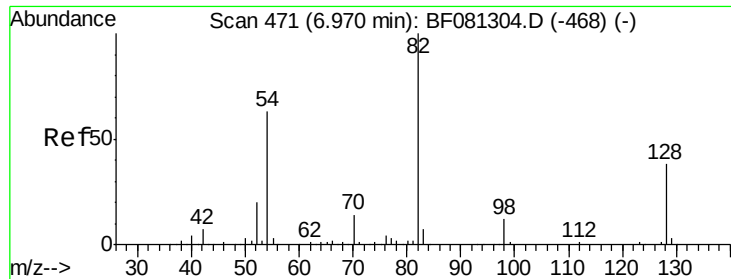
136 100

137 10.4 9.0 13.6

54 12.8 8.2 12.2#

68 5.1 5.8 8.6#

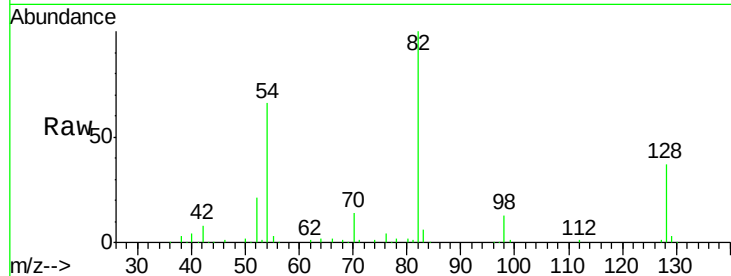




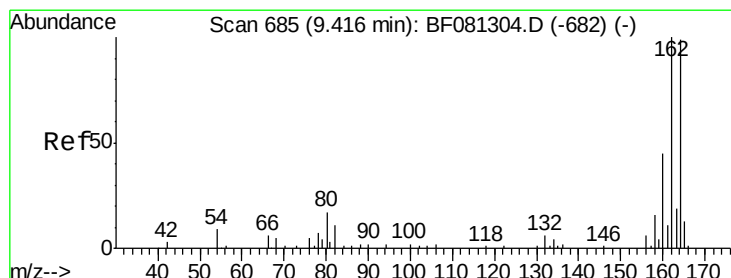
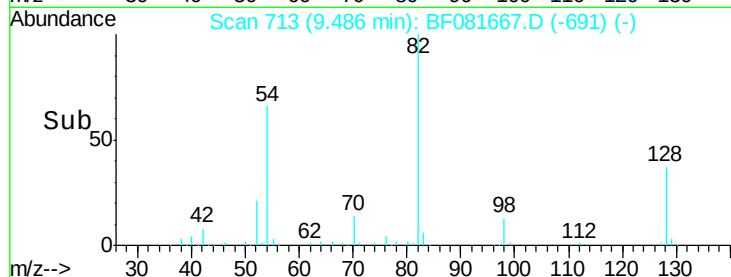
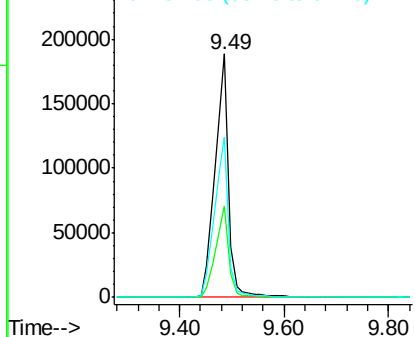
#23
 Nitrobenzene-d5
 Concen: 90.32 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081667.D
 Acq: 17 Sep 2015 5:27

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

Tgt Ion: 82 Resp: 342898
 Ion Ratio Lower Upper
 82 100
 128 37.3 51.0 76.6#
 54 65.9 47.5 71.3

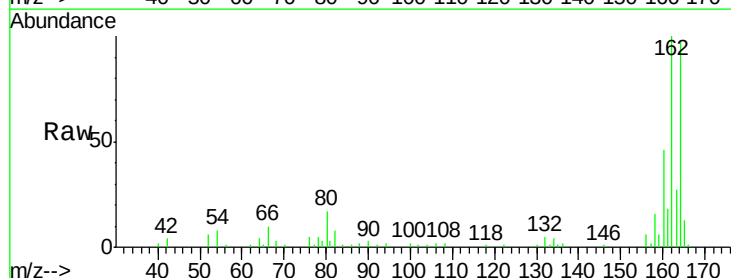


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

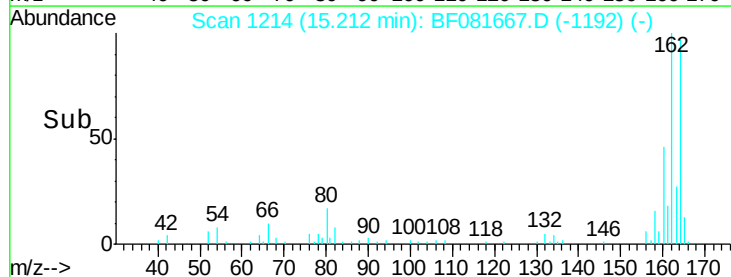
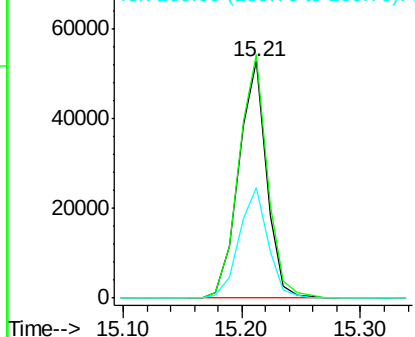


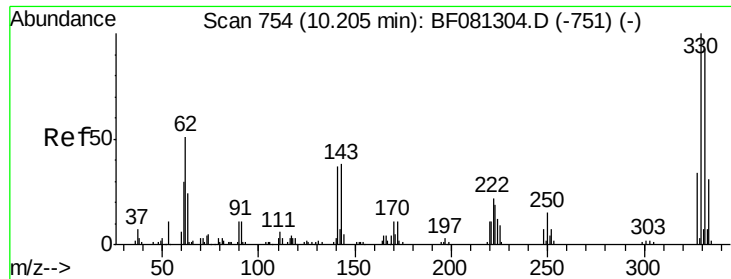
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081667.D
 Acq: 17 Sep 2015 5:27

Tgt Ion: 164 Resp: 86521
 Ion Ratio Lower Upper
 164 100
 162 102.8 75.2 112.8
 160 46.9 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

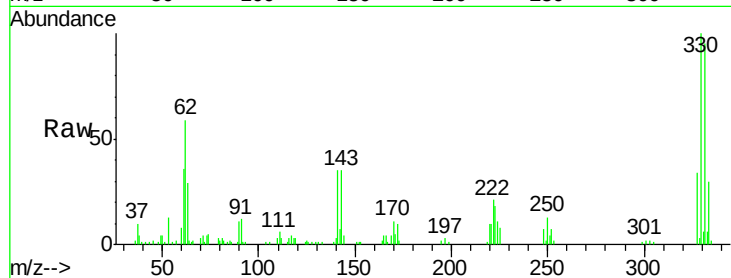




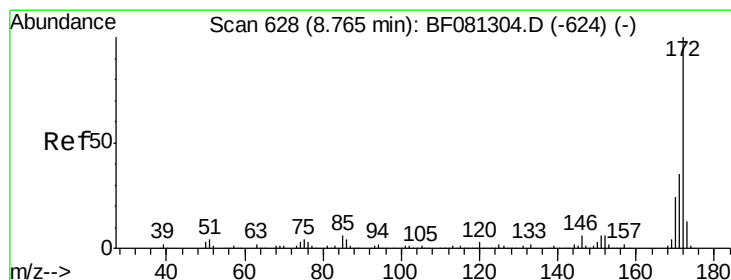
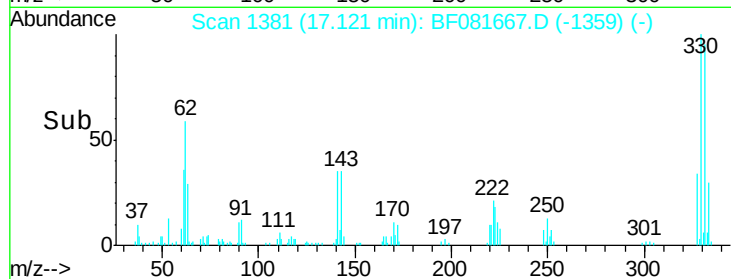
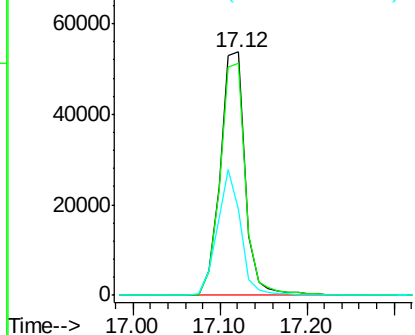
#41
 2,4,6-Tribromophenol
 Concen: 139.24 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081667.D
 Acq: 17 Sep 2015 5:27

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

Tgt Ion: 330 Resp: 107271
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 48.6 29.7 44.5#

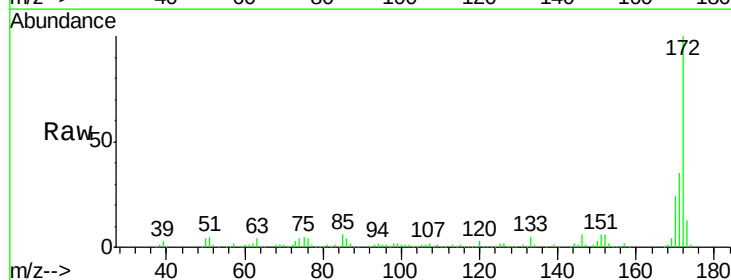


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

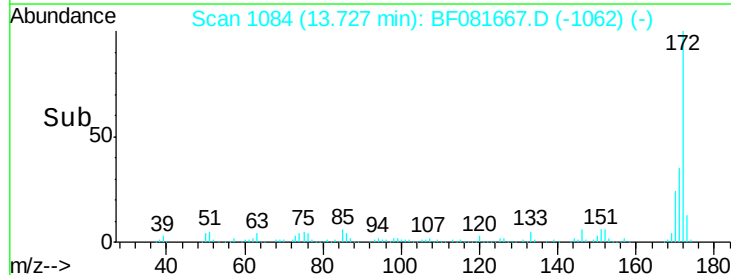
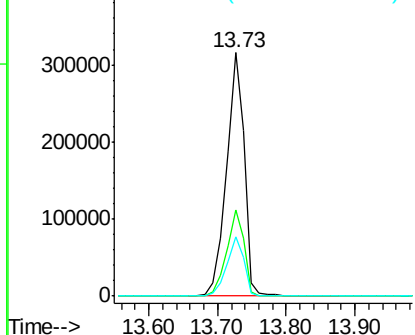


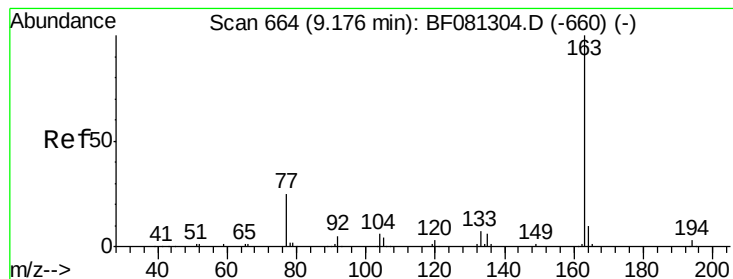
#44
 2-Fluorobiphenyl
 Concen: 85.53 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081667.D
 Acq: 17 Sep 2015 5:27

Tgt Ion: 172 Resp: 577461
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.1 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: 19.62 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081667.D

Acq: 17 Sep 2015 5:27

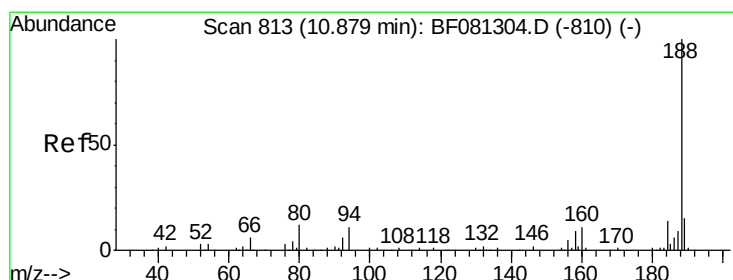
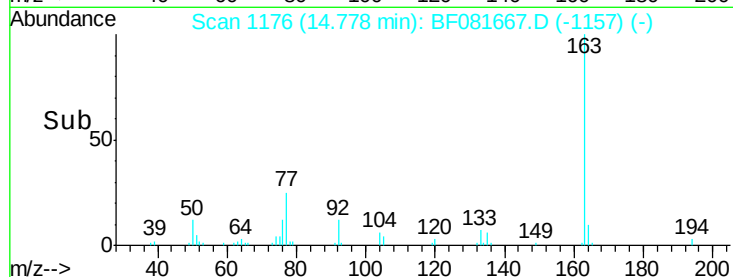
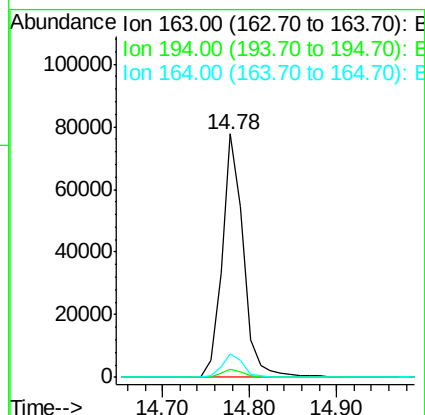
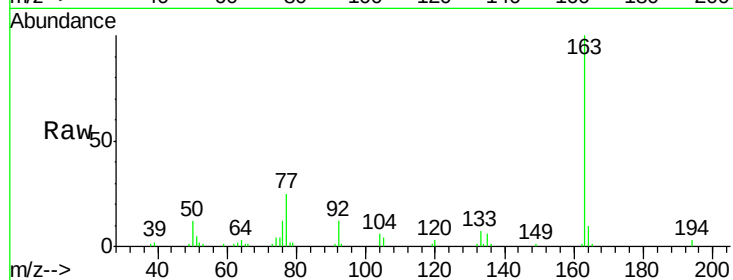
Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

Tgt Ion:	163	Resp:	131899
Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	9.8	8.3	12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

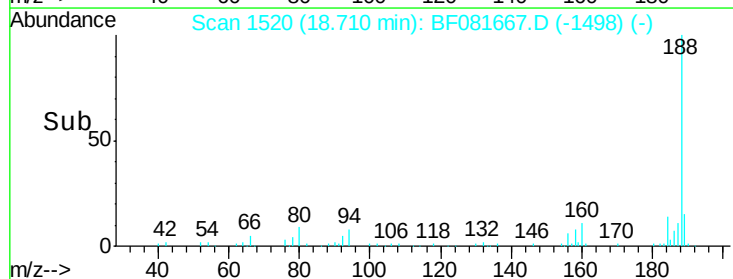
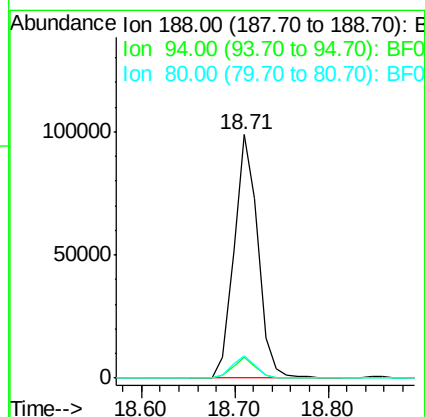
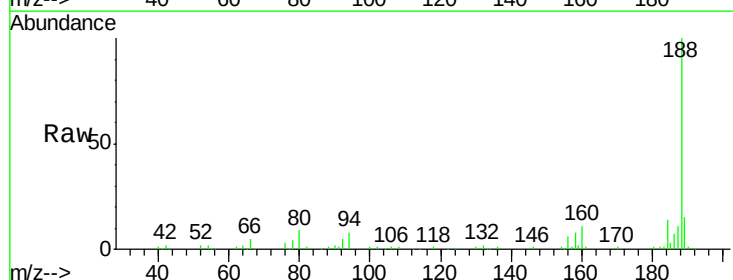
RT: 18.71 min Scan# 1520

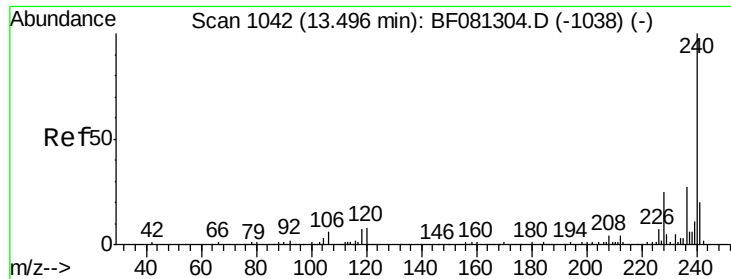
Delta R.T. -0.05 min

Lab File: BF081667.D

Acq: 17 Sep 2015 5:27

Tgt Ion:	188	Resp:	174994
Ion	Ratio	Lower	Upper
188	100		
94	8.4	11.1	16.7#
80	9.3	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: BF081667.D

Acq: 17 Sep 2015 5:27

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

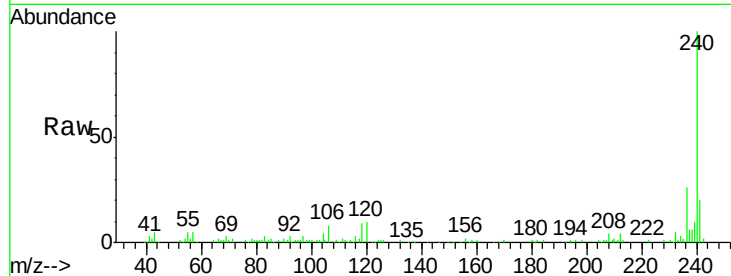
Tgt Ion:240 Resp: 124766

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

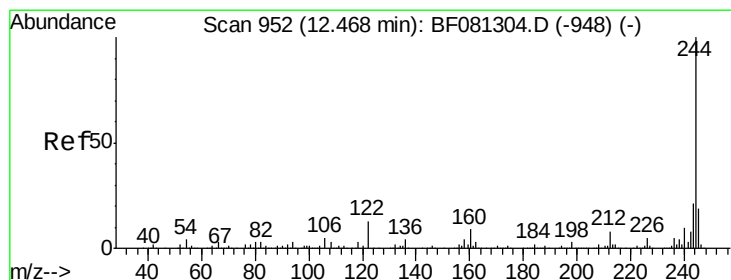
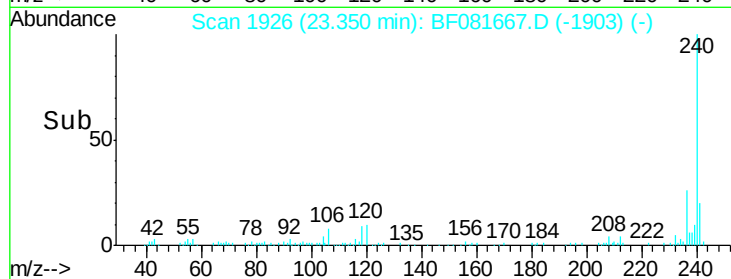
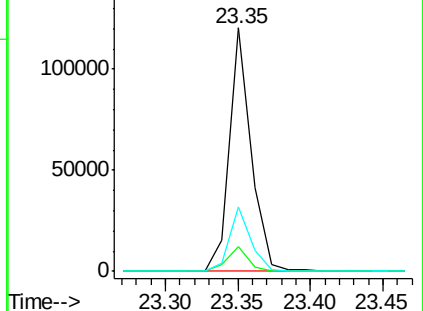
236 26.3 18.4 27.6



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: 92.23 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081667.D

Acq: 17 Sep 2015 5:27

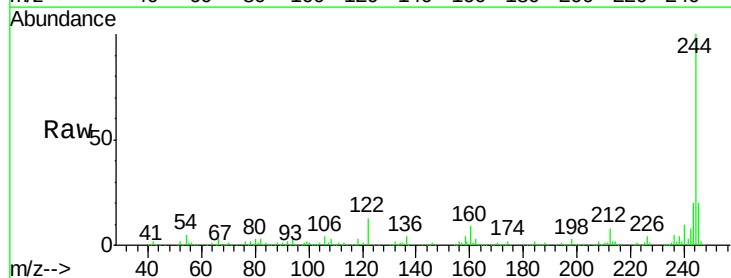
Tgt Ion:244 Resp: 494316

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

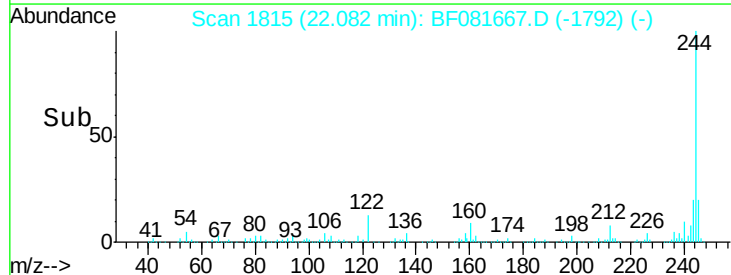
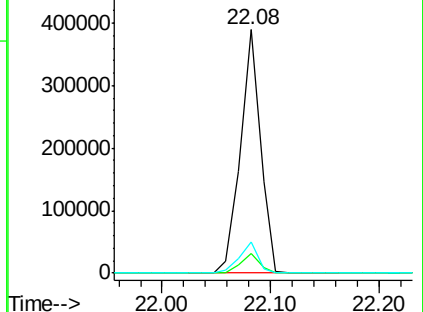
122 12.9 17.4 26.2#

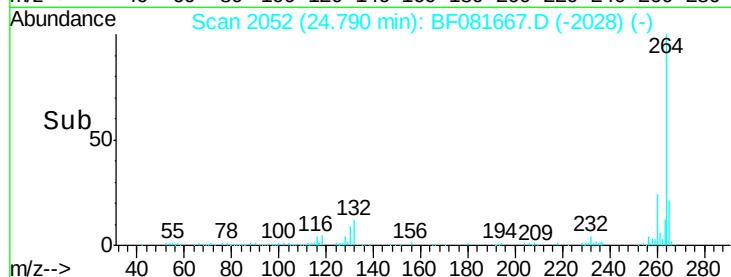
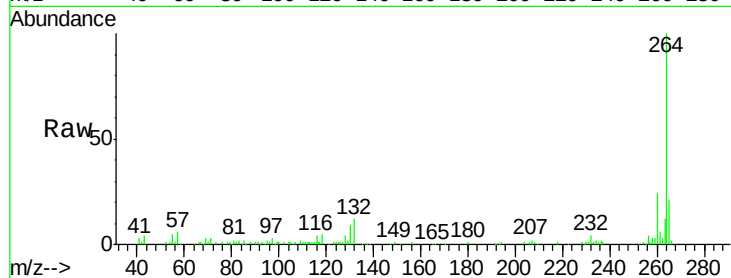
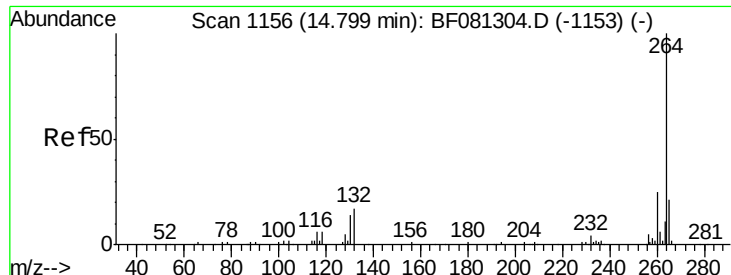


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081667.D

Acq: 17 Sep 2015 5:27

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

Tgt Ion: 264 Resp: 89558

Ion Ratio Lower Upper

264 100

260 24.4 16.7 25.1

265 20.9 17.2 25.8

