

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081256.D
 Acq On : 28 Aug 2015 1:40
 Operator : UM/IZ
 Sample : G3441-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2B

Quant Time: Aug 28 03:34:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 03:32:45 2015
 Response via : Initial Calibration

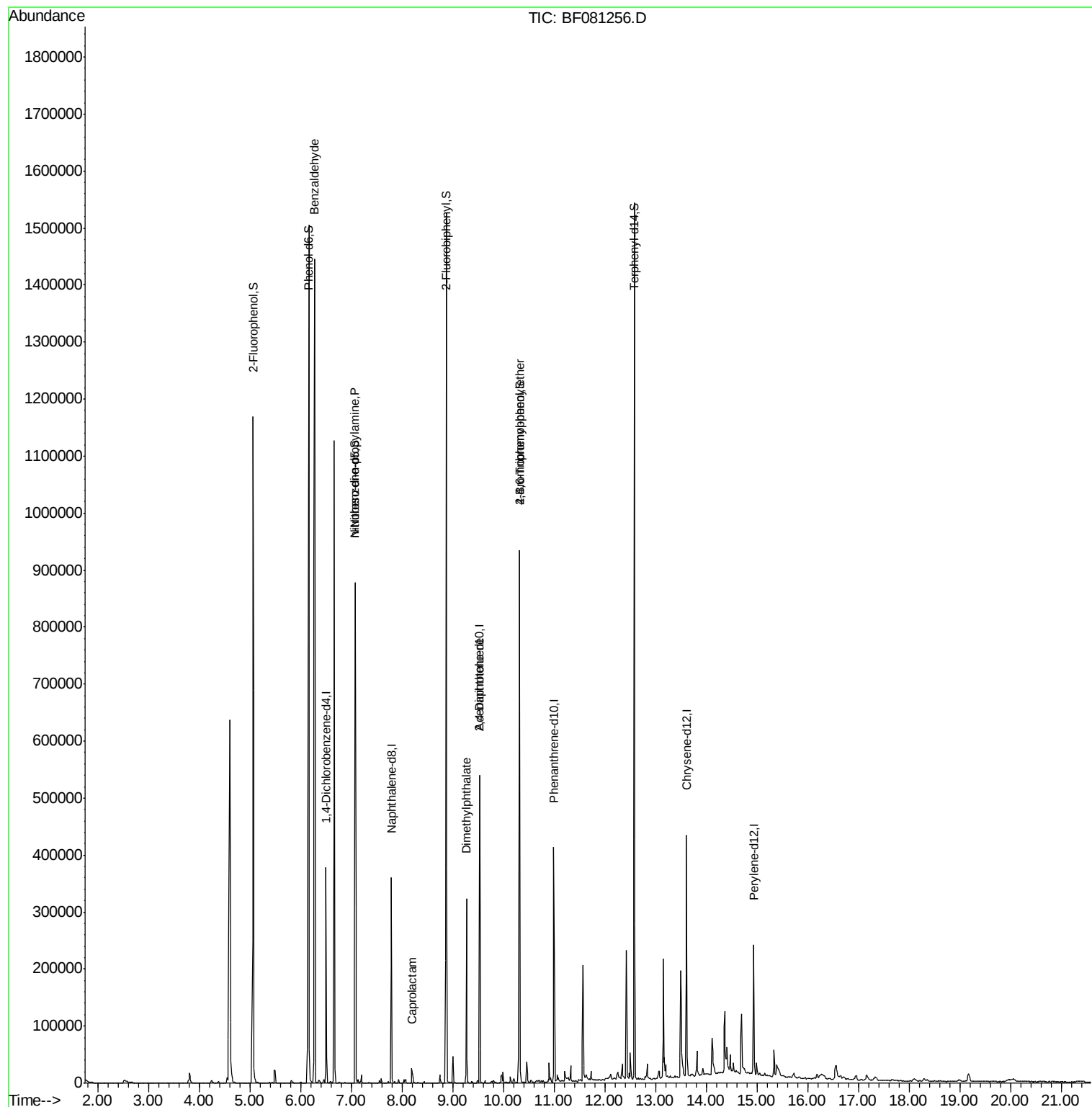
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	48360	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	189870	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	95073	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	174564	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	158143	20.00	ng	0.00
86) Perylene-d12	14.94	264	110371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	386990	120.36	ng	0.01
7) Phenol-d6	6.16	99	549820	131.06	ng	0.00
23) Nitrobenzene-d5	7.07	82	316349	76.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	118920	144.30	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	475602	65.55	ng	-0.01
78) Terphenyl-d14	12.58	244	479249	64.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	11231	4.15	ng	85
19) n-Nitroso-di-n-propylamine	7.07	70	42382	14.58	ng	# 70
35) Caprolactam	8.19	113	2872	3.05	ng	# 89
49) Dimethylphthalate	9.27	163	111783	14.28	ng	99
56) 2,4-Dinitrotoluene	9.53	165	12447	5.59	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	9027	5.26	ng	# 1

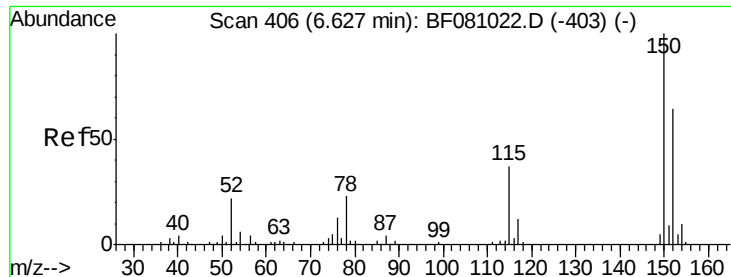
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 28 03:32:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

VITALE FILL SOURCE 2B

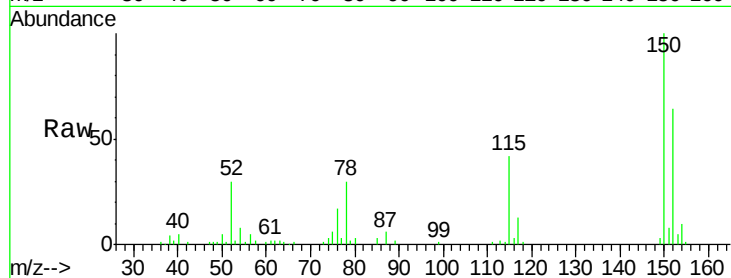
Tgt Ion:152 Resp: 48360

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

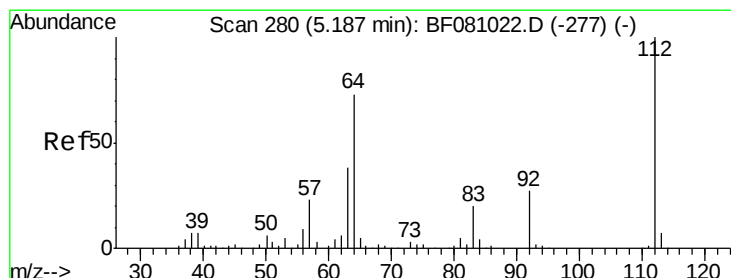
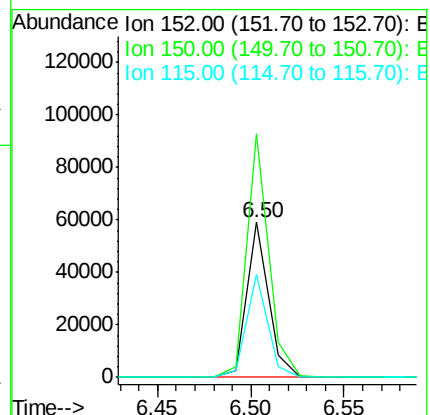
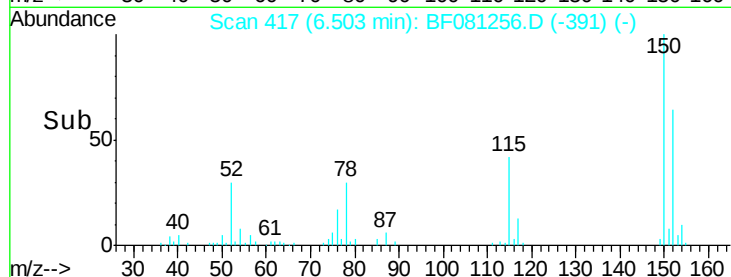
115 66.0 52.1 78.1



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: 120.36 ng

RT: 5.06 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

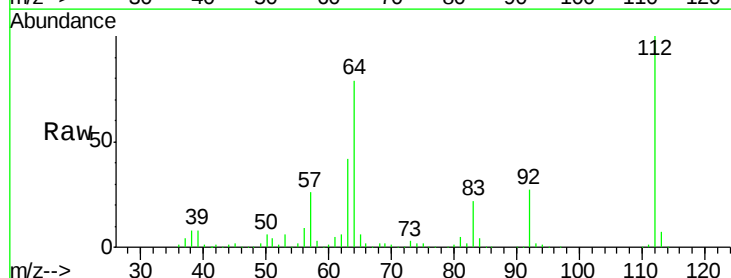
Tgt Ion:112 Resp: 386990

Ion Ratio Lower Upper

112 100

64 79.5 66.9 100.3

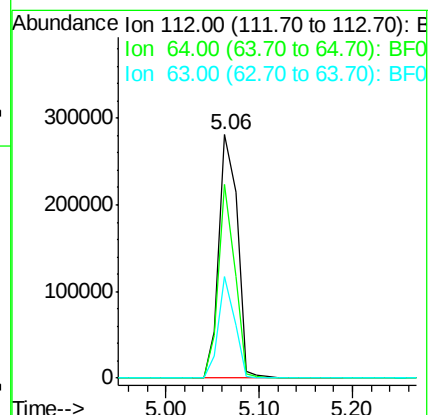
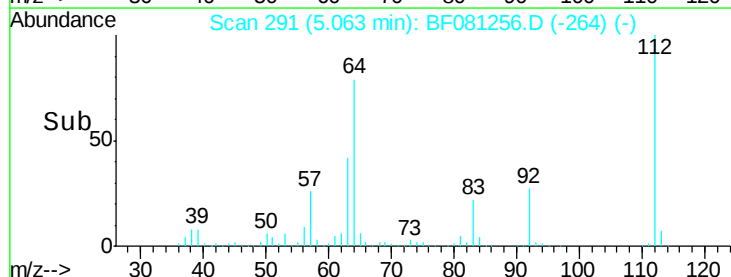
63 41.6 38.1 57.1

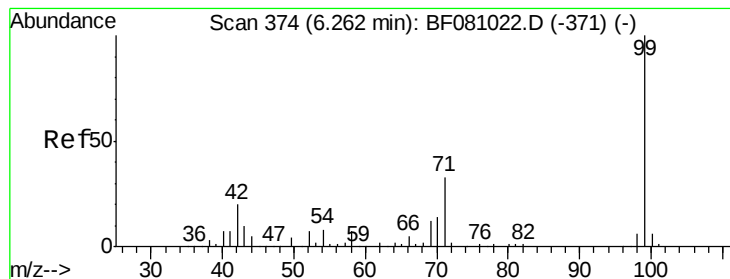


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.06 ng

RT: 6.16 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

VITALE FILL SOURCE 2B

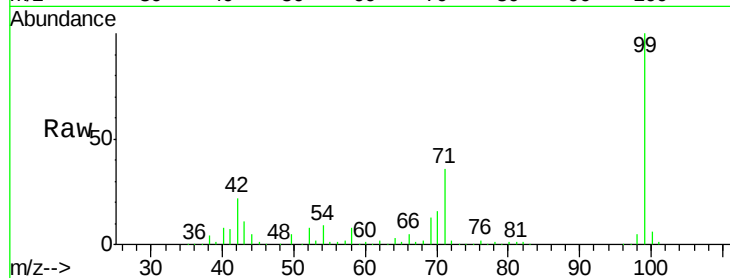
Tgt Ion: 99 Resp: 549820

Ion Ratio Lower Upper

99 100

42 21.8 19.6 29.4

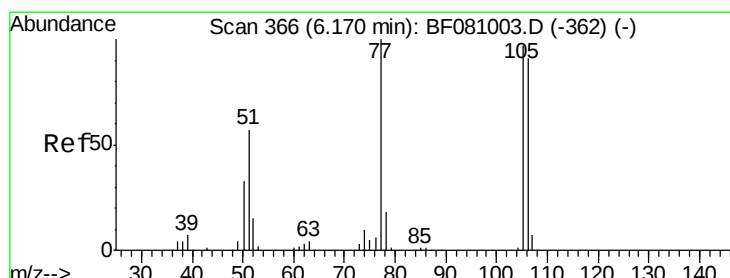
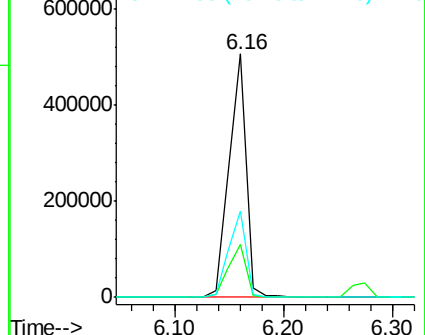
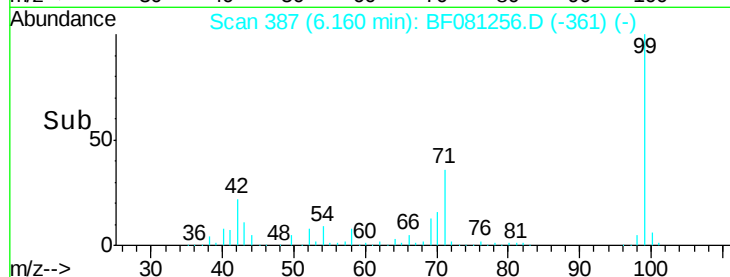
71 35.5 31.2 46.8



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



#9

Benzaldehyde

Concen: 4.15 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

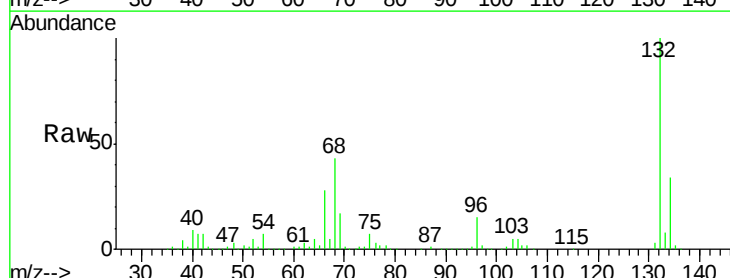
Tgt Ion: 77 Resp: 11231

Ion Ratio Lower Upper

77 100

105 77.6 69.6 109.6

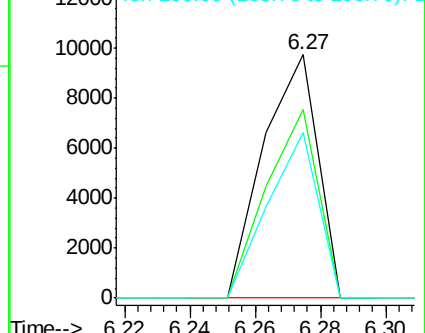
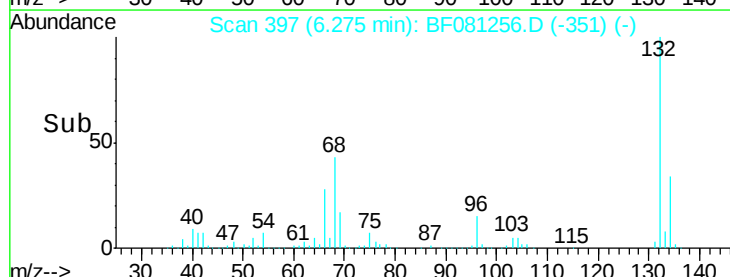
106 67.9 64.0 104.0

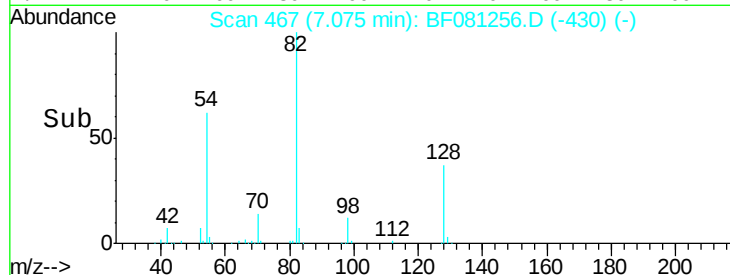
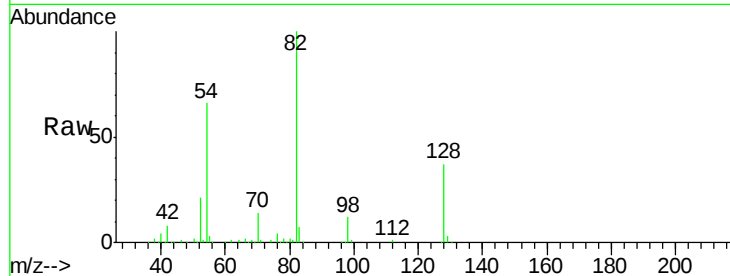
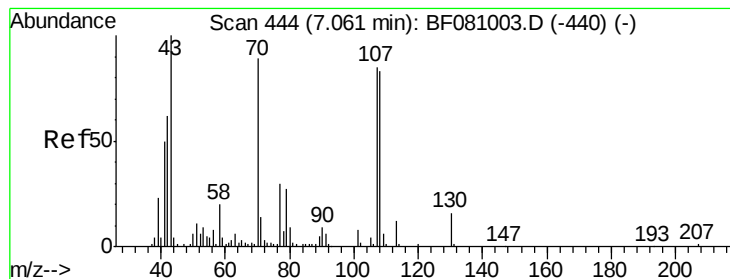


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.58 ng

RT: 7.07 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

VITALE FILL SOURCE 2B

Tgt Ion: 70 Resp: 42382

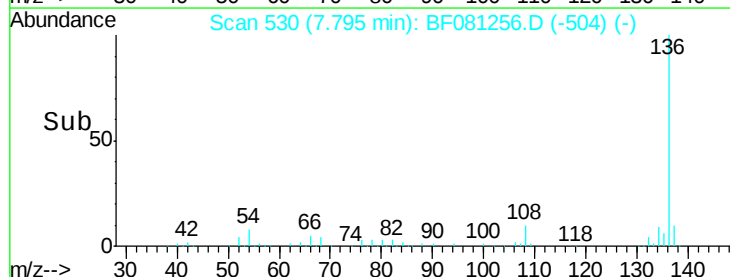
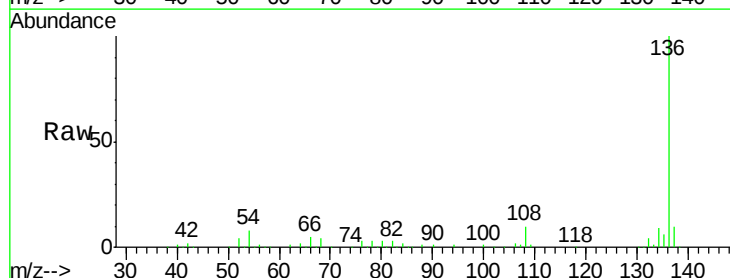
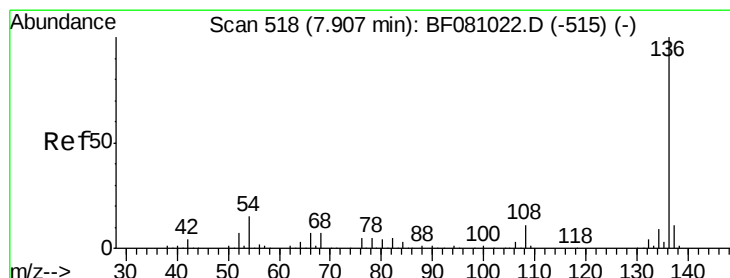
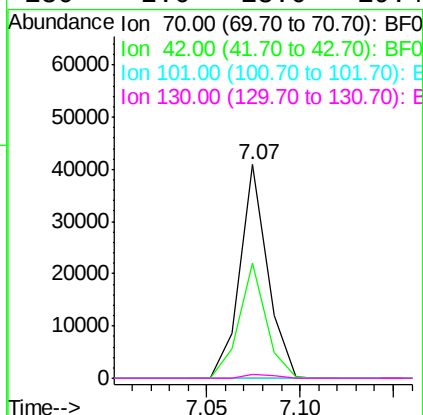
Ion Ratio Lower Upper

70 100

42 54.1 65.0 97.4#

101 0.0 7.4 11.2#

130 2.0 13.0 19.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

Tgt Ion: 136 Resp: 189870

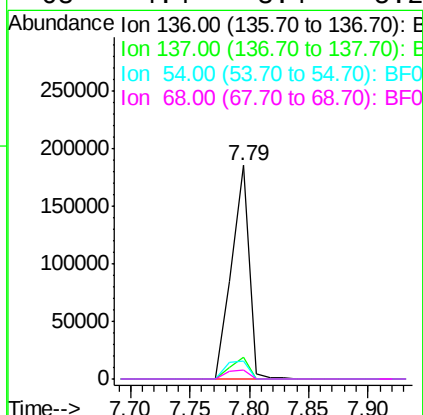
Ion Ratio Lower Upper

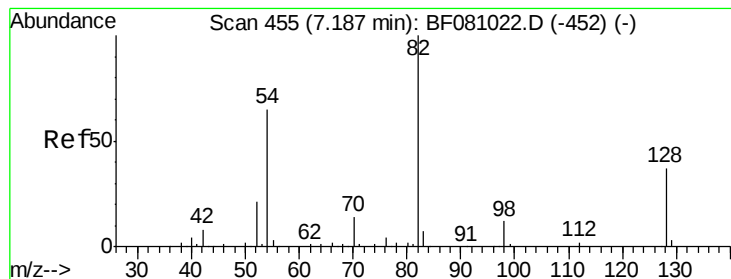
136 100

137 10.1 8.2 12.2

54 8.2 7.7 11.5

68 4.4 3.4 5.2





#23

Nitrobenzene-d5

Concen: 76.11 ng

RT: 7.07 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

VITALE FILL SOURCE 2B

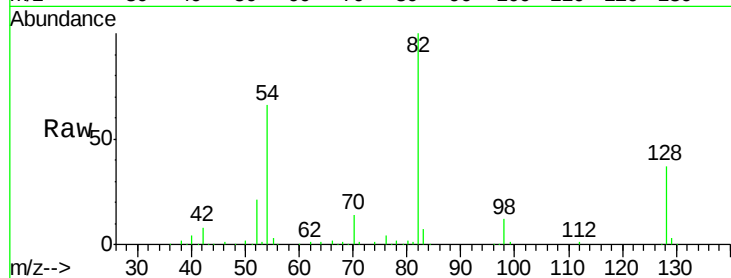
Tgt Ion: 82 Resp: 316349

Ion Ratio Lower Upper

82 100

128 37.0 28.6 42.8

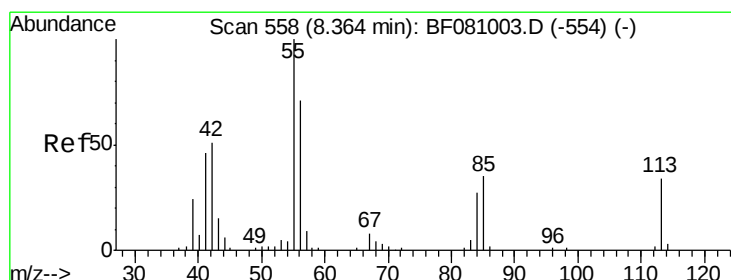
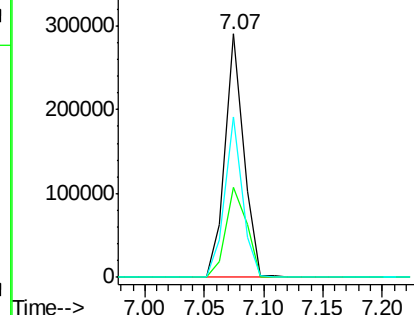
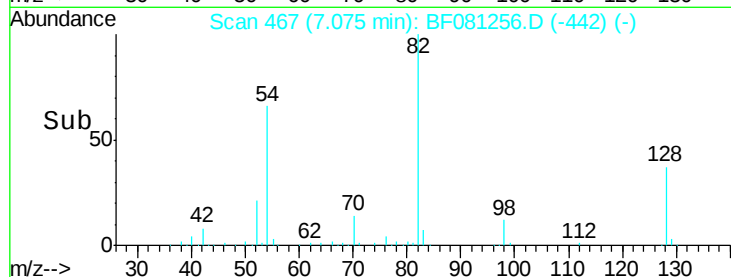
54 65.6 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#35

Caprolactam

Concen: 3.05 ng

RT: 8.19 min Scan# 565

Delta R.T. -0.07 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

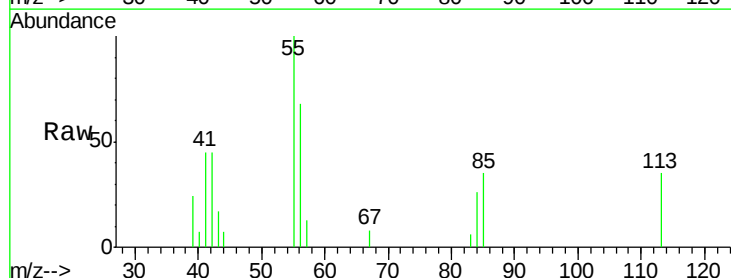
Tgt Ion: 113 Resp: 2872

Ion Ratio Lower Upper

113 100

55 289.3 280.4 320.4

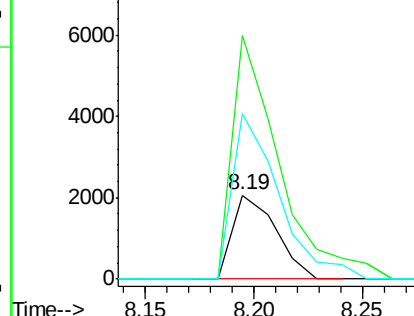
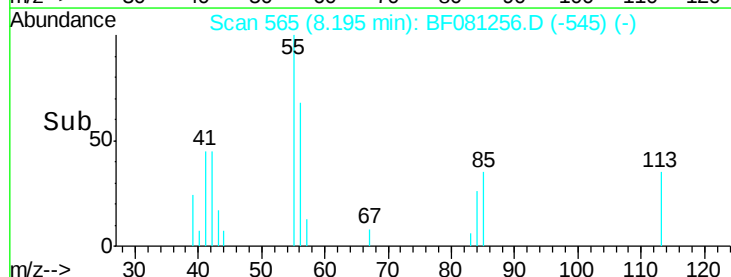
56 197.4 205.9 245.9#

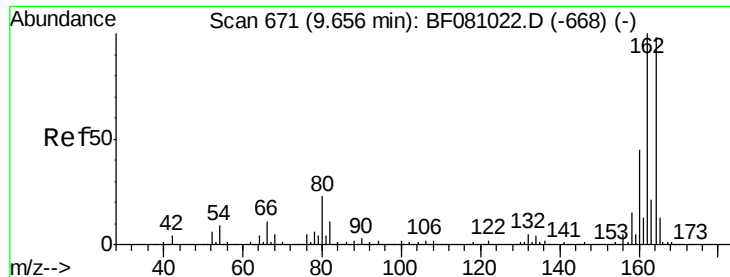


Abundance Ion 113.00 (112.70 to 113.70): BF0

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

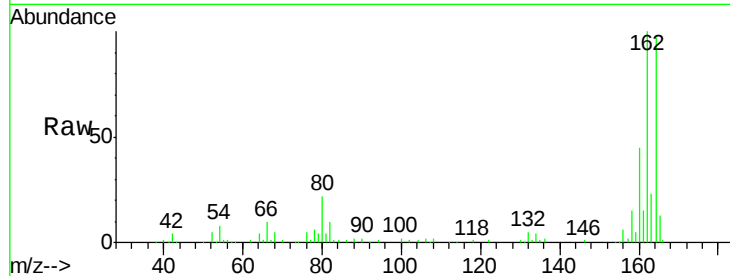




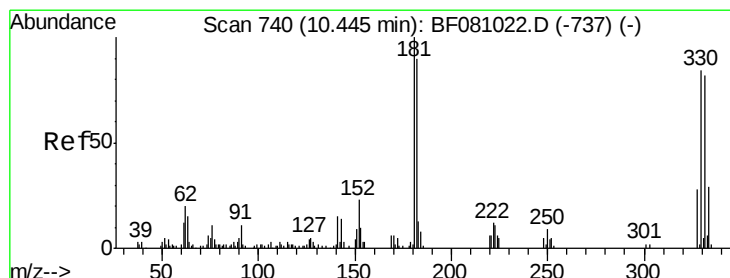
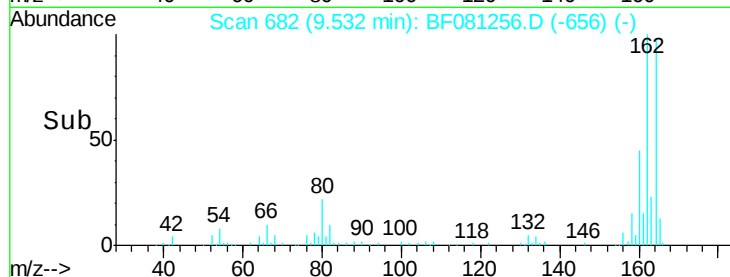
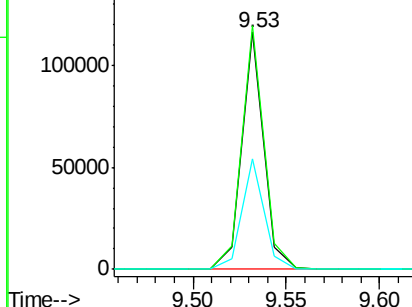
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081256.D
 Acq: 28 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2B

Tgt Ion:164 Resp: 95073
 Ion Ratio Lower Upper
 164 100
 162 102.7 83.8 125.8
 160 46.7 39.8 59.8

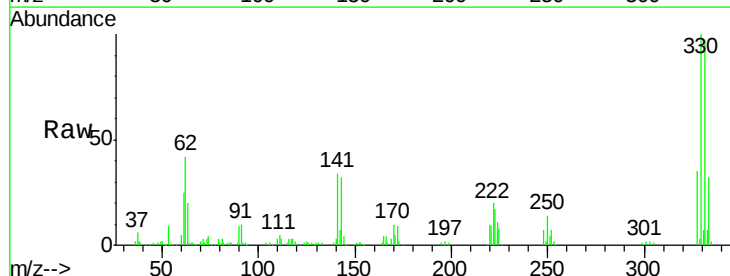


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

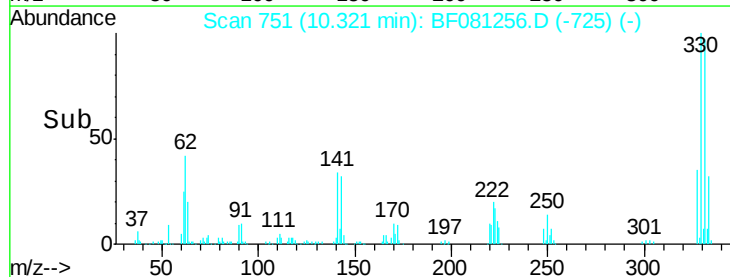
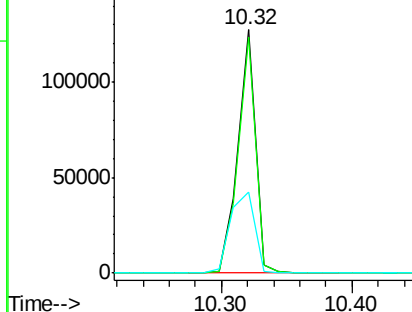


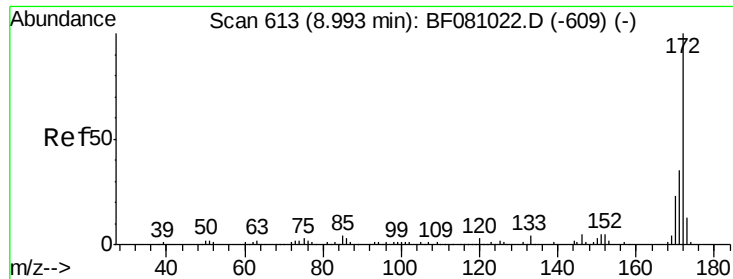
#41
 2,4,6-Tribromophenol
 Concen: 144.30 ng
 RT: 10.32 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF081256.D
 Acq: 28 Aug 2015 1:40

Tgt Ion:330 Resp: 118920
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 46.5 44.9 67.3



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

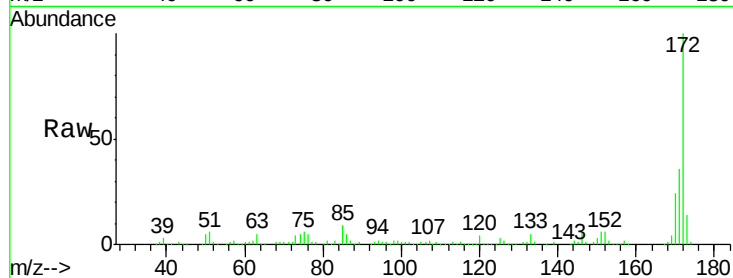




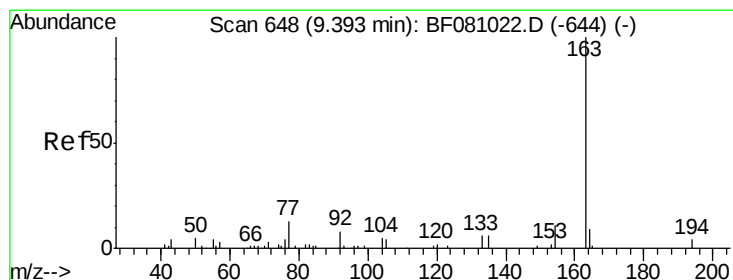
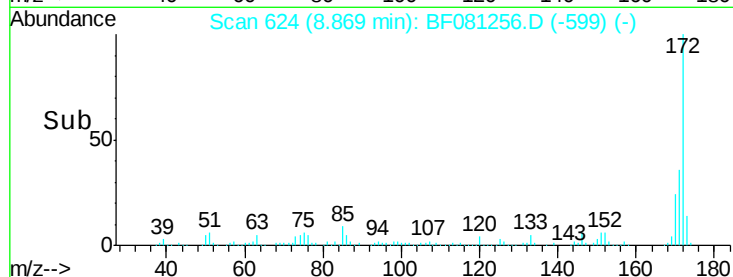
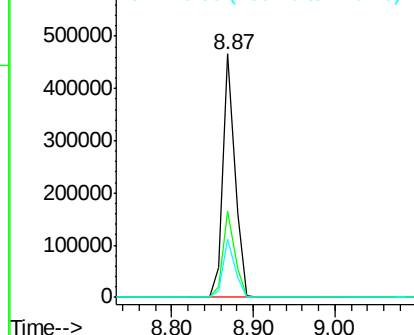
#44
 2-Fluorobiphenyl
 Concen: 65.55 ng
 RT: 8.87 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF081256.D
 Acq: 28 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2B

Tgt Ion:172 Resp: 475602
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.9 19.4 29.2

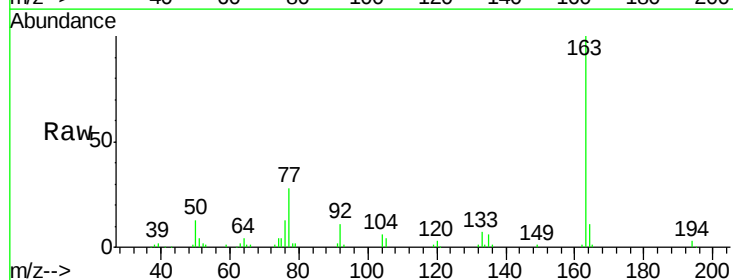


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

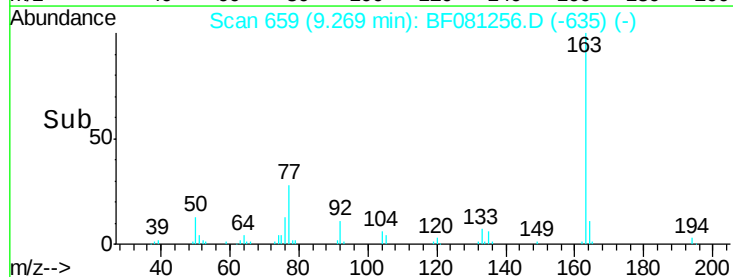
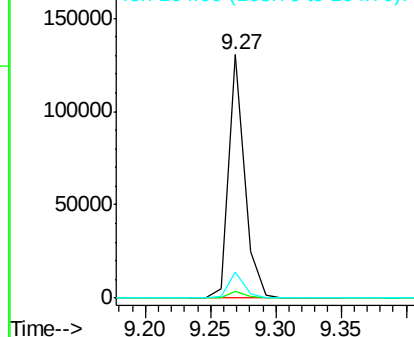


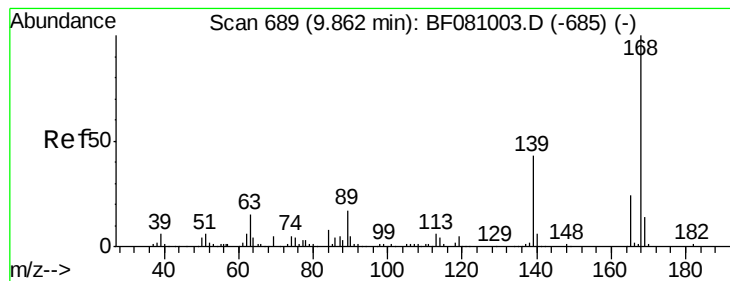
#49
 Dimethylphthalate
 Concen: 14.28 ng
 RT: 9.27 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF081256.D
 Acq: 28 Aug 2015 1:40

Tgt Ion:163 Resp: 111783
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.5 3.7
 164 10.6 8.1 12.1



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

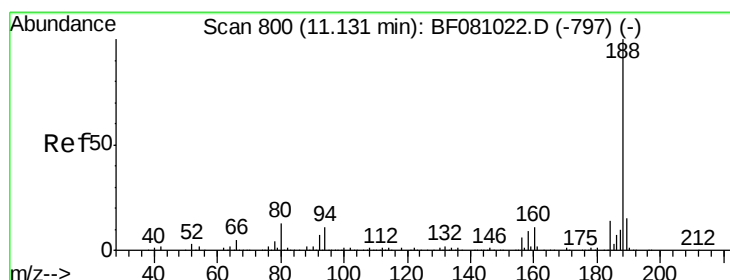
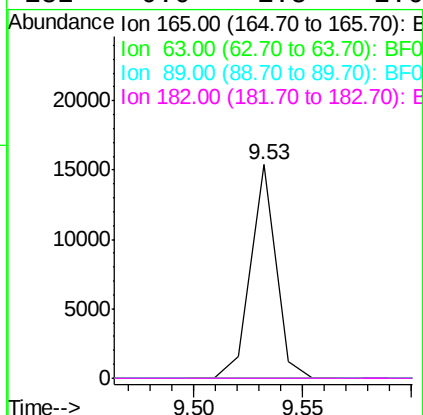
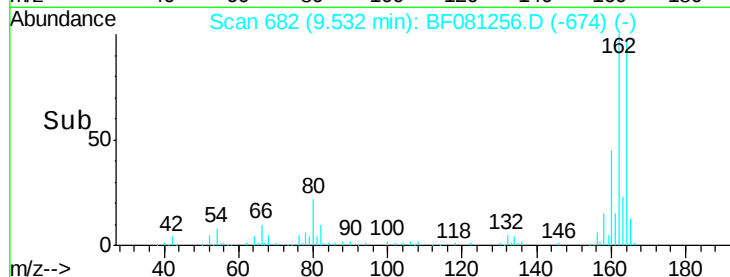
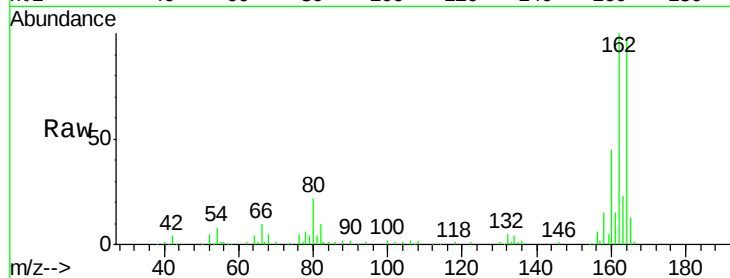




#56
2,4-Dinitrotoluene
Concen: 5.59 ng
RT: 9.53 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF081256.D
Acq: 28 Aug 2015 1:40

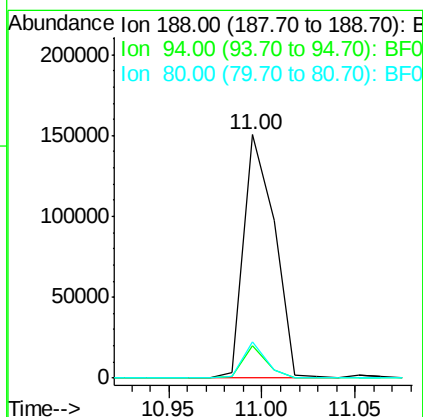
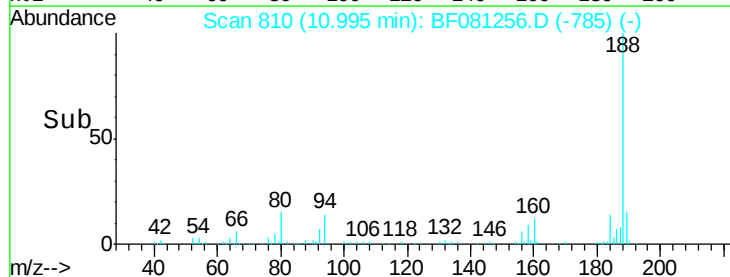
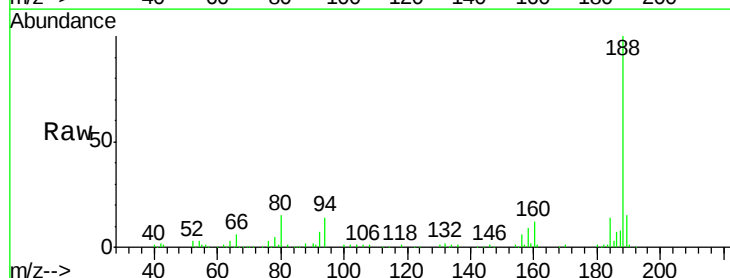
Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2B

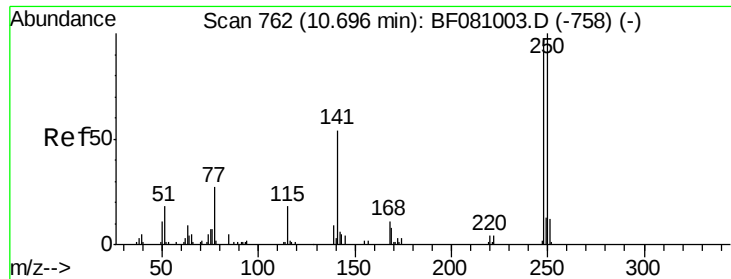
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081256.D
Acq: 28 Aug 2015 1:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.5	8.2	12.2#
80	14.8	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 5.26 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.24 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

VITALE FILL SOURCE 2B

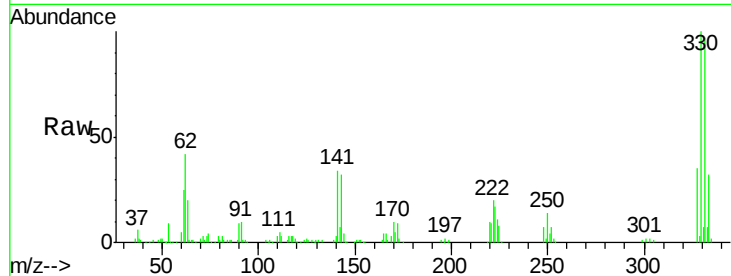
Tgt Ion:248 Resp: 9027

Ion Ratio Lower Upper

248 100

250 195.8 77.8 116.6#

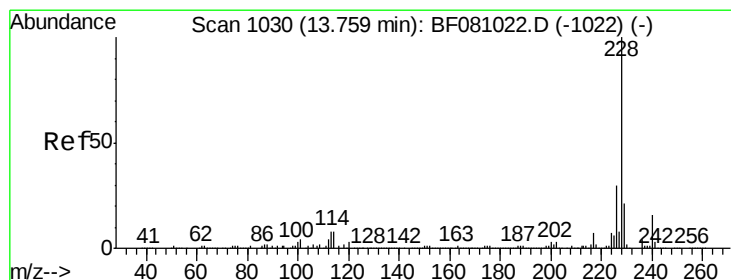
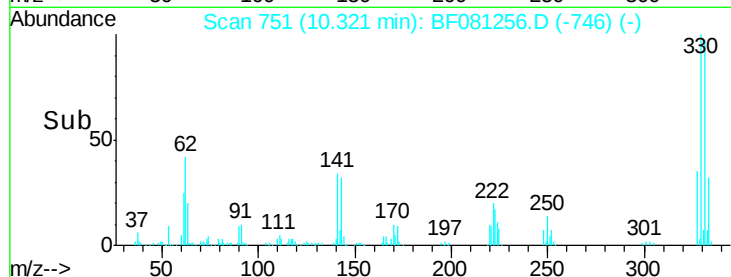
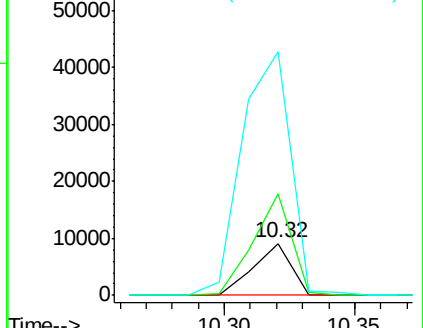
141 467.5 39.8 59.6#



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: 13.61 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081256.D

Acq: 28 Aug 2015 1:40

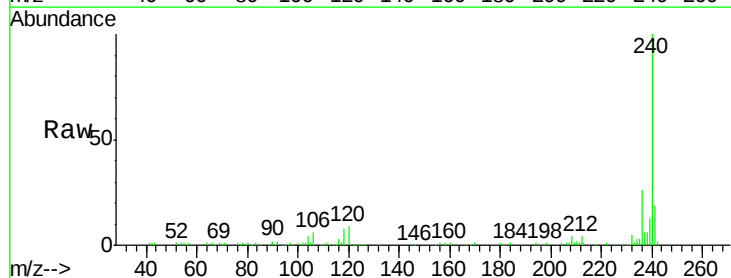
Tgt Ion:240 Resp: 158143

Ion Ratio Lower Upper

240 100

120 8.6 5.6 8.4#

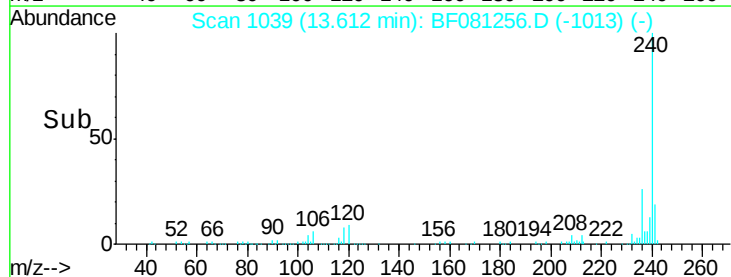
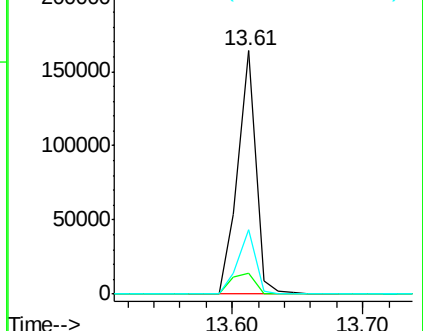
236 26.3 20.6 30.8

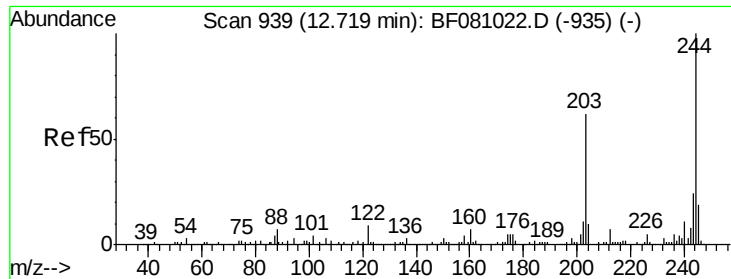


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

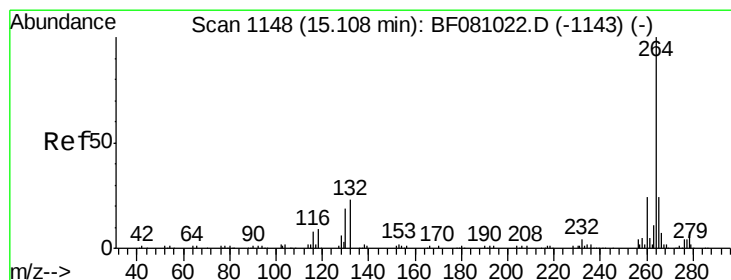
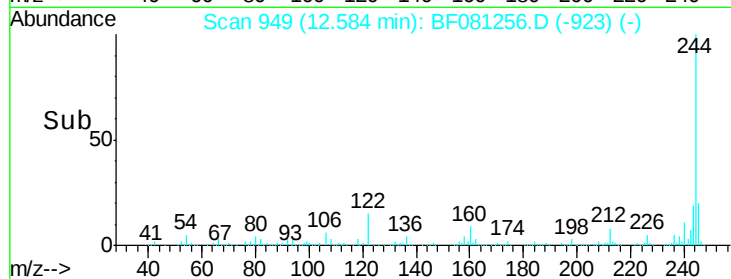
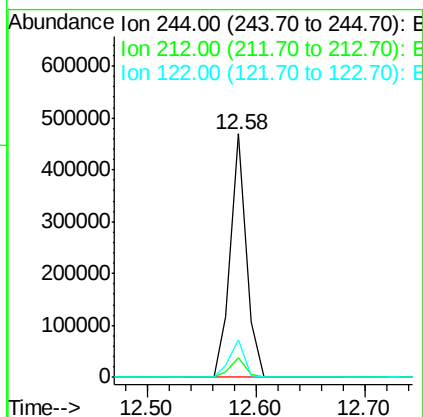
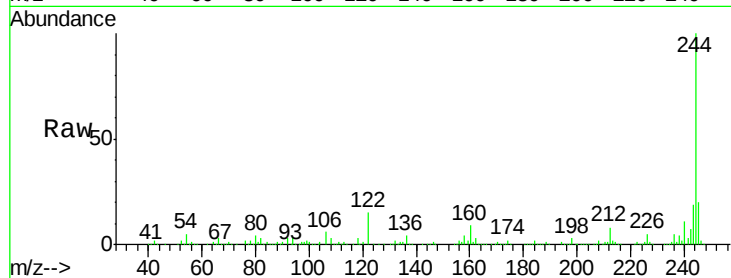




#78
 Terphenyl-d14
 Concen: 64.97 ng
 RT: 12.58 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081256.D
 Acq: 28 Aug 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 VITALE FILL SOURCE 2B

Tgt Ion: 244 Resp: 479249
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.2 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF081256.D
 Acq: 28 Aug 2015 1:40

Tgt Ion: 264 Resp: 110371
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 20.6 17.5 26.3

