

Data Path : Z:\HPCHEM1\BNA F\Data\BF051016\
 Data File : BF086886.D
 Acq On : 11 May 2016 7:35
 Operator : UM/SJ
 Sample : H2916-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-9K

Quant Time: May 11 11:05:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

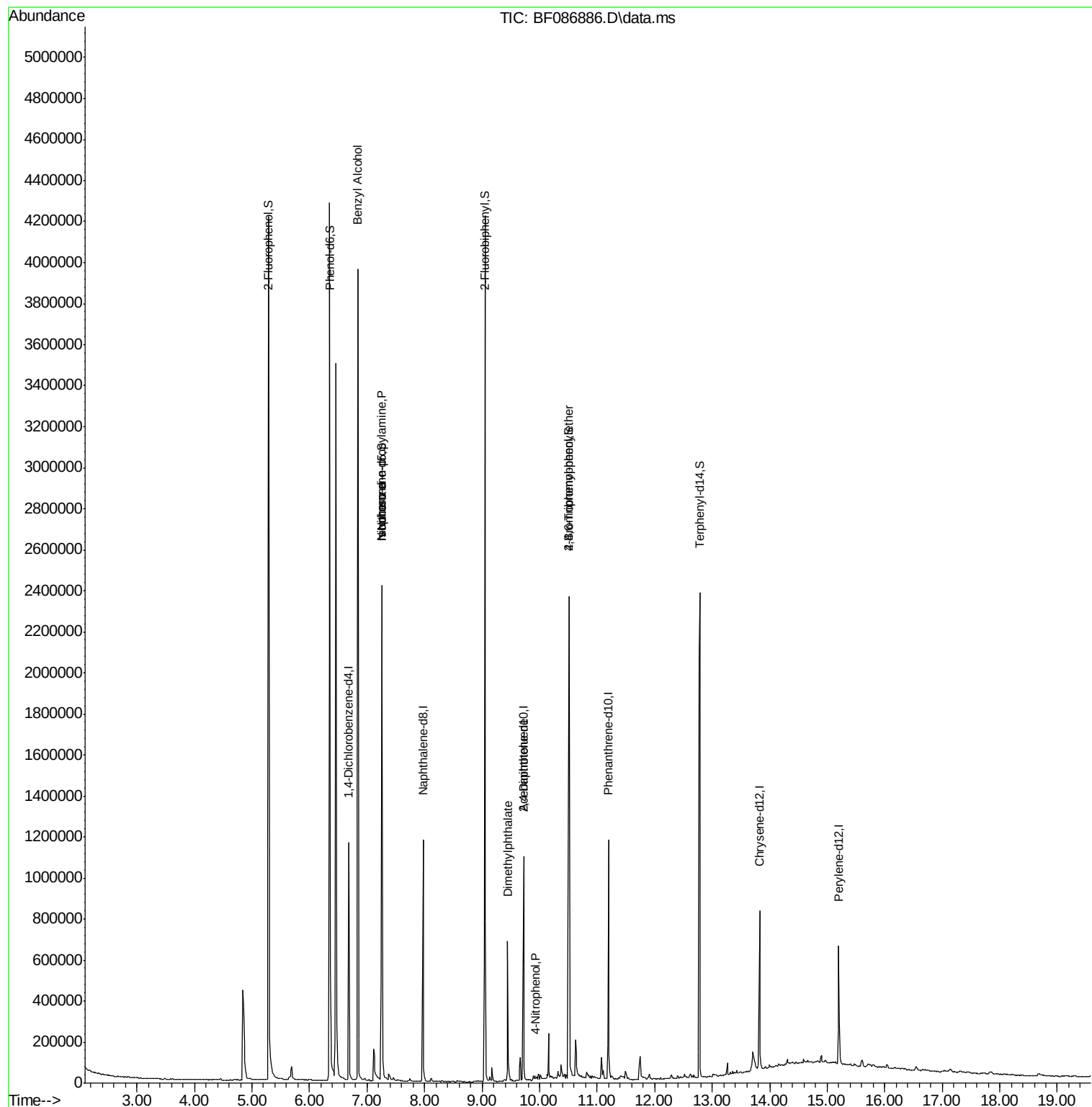
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.682	152	151474	20.00	ng	-0.01
21) Naphthalene-d8	7.973	136	570358	20.00	ng	-0.01
38) Acenaphthene-d10	9.722	164	235705	20.00	ng	-0.01
63) Phenanthrene-d10	11.196	188	383363	20.00	ng	-0.01
75) Chrysene-d12	13.825	240	297136	20.00	ng	-0.01
86) Perylene-d12	15.197	264	249519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1172861	131.13	ng	0.00
7) Phenol-d6	6.350	99	1523763	127.47	ng	-0.01
23) Nitrobenzene-d5	7.253	82	1082574	95.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.511	330	302941	121.40	ng	-0.01
44) 2-Fluorobiphenyl	9.048	172	1195013	85.21	ng	-0.01
78) Terphenyl-d14	12.785	244	1012208	72.28	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.842	79	19031	2.31	ng	Qvalue # 42
19) n-Nitroso-di-n-propyla...	7.253	70	149592	17.91	ng	# 69
25) Isophorone	7.253	82	978219	46.42	ng	# 68
49) Dimethylphthalate	9.448	163	233856	13.00	ng	100
55) 4-Nitrophenol	9.928	139	236	4.64	ng	# 14
56) 2,4-Dinitrotoluene	9.722	165	29884	6.38	ng	# 17
66) 4-Bromophenyl-phenylether	10.511	248	18880	4.86	ng	# 1

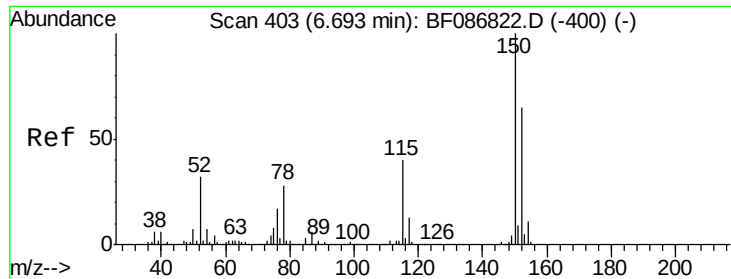
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.682 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

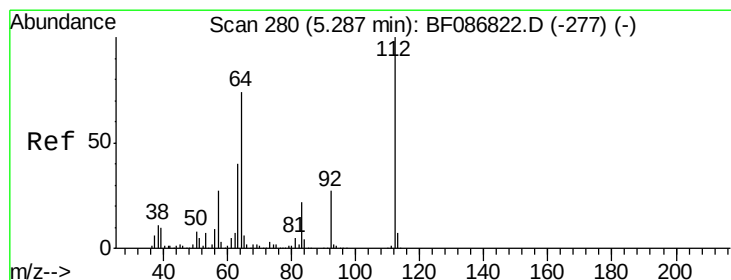
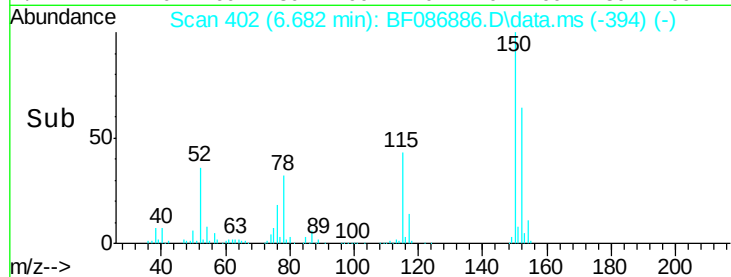
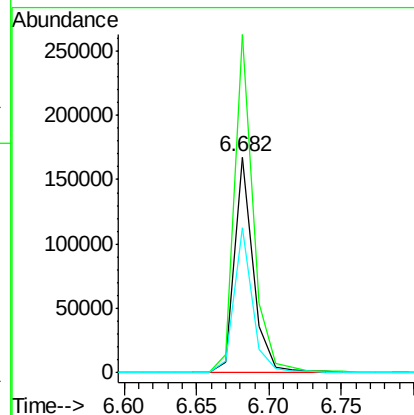
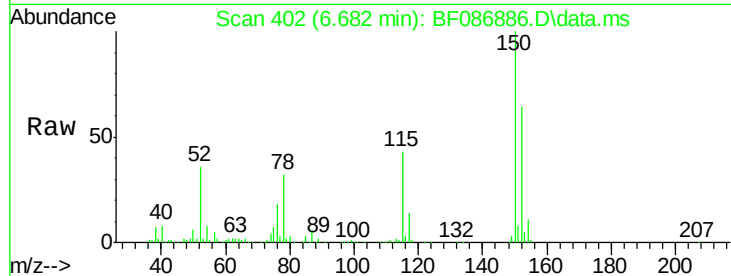
Tot Ion:152 Resp: 151474

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

115 67.1 51.5 77.3



#5

2-Fluorophenol

Concen: 131.13 ng

RT: 5.287 min Scan# 280

Delta R.T. 0.000 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

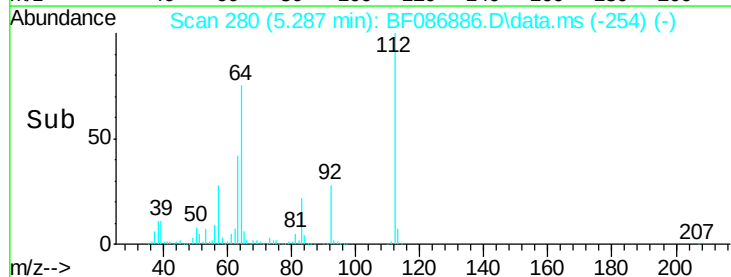
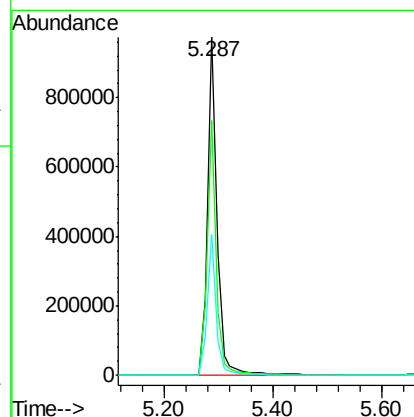
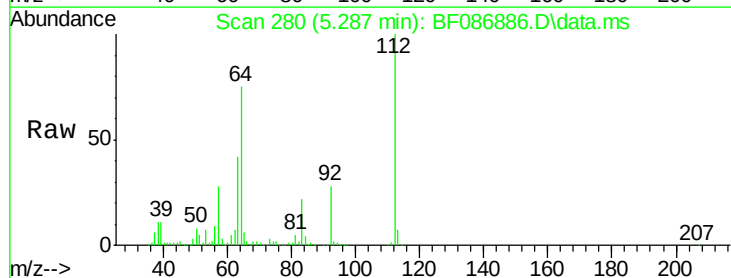
Tgt Ion:112 Resp: 1172861

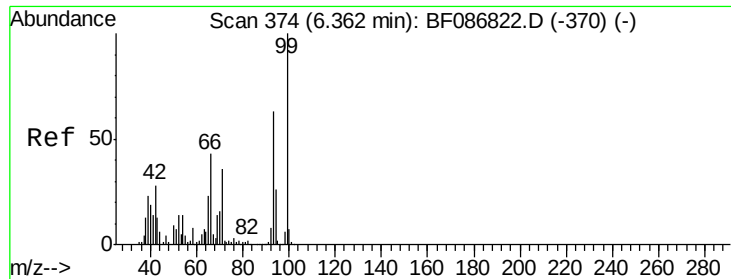
Ion Ratio Lower Upper

112 100

64 75.4 52.1 78.1

63 41.6 25.7 38.5#





#7

Phenol-d6

Concen: 127.47 ng

RT: 6.350 min Scan# 37

Delta R.T. -0.011 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

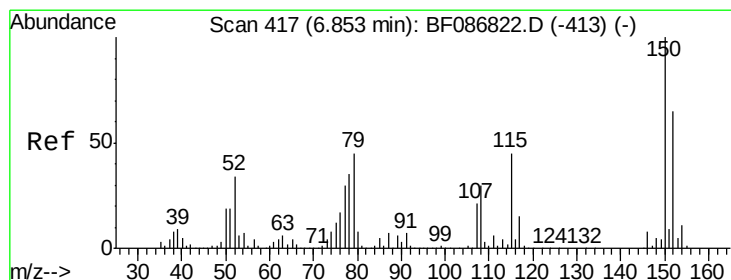
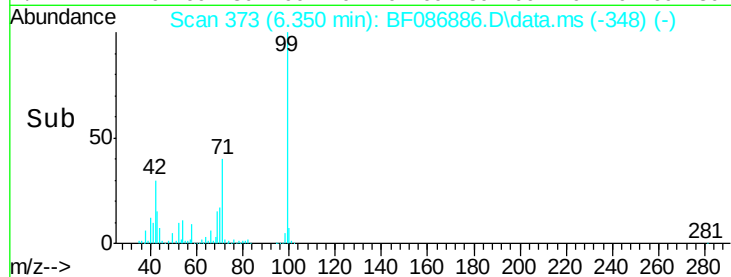
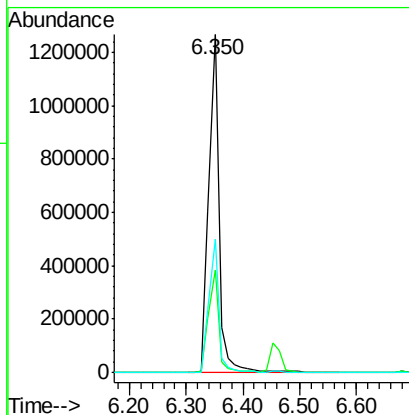
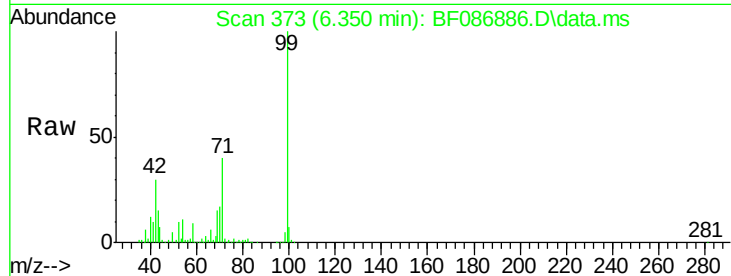
Tot Ion: 99 Resp: 1523763

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 39.5 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 6.842 min Scan# 416

Delta R.T. -0.011 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

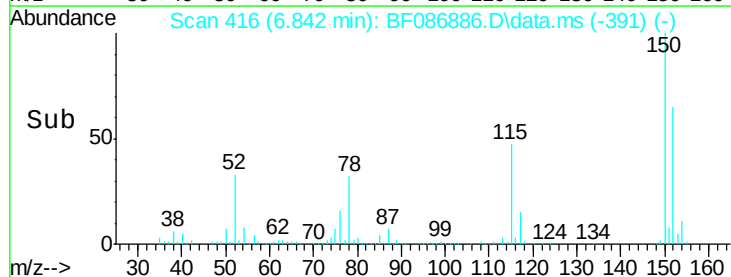
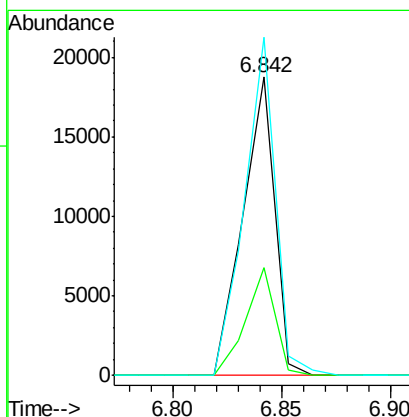
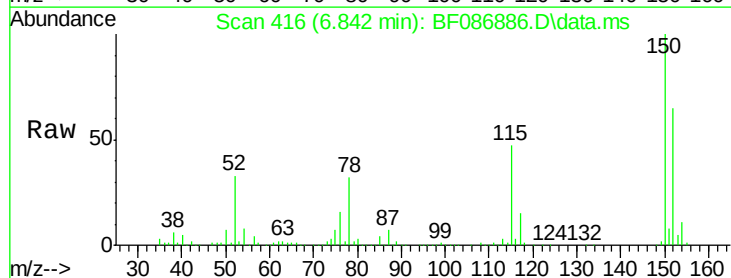
Tgt Ion: 79 Resp: 19031

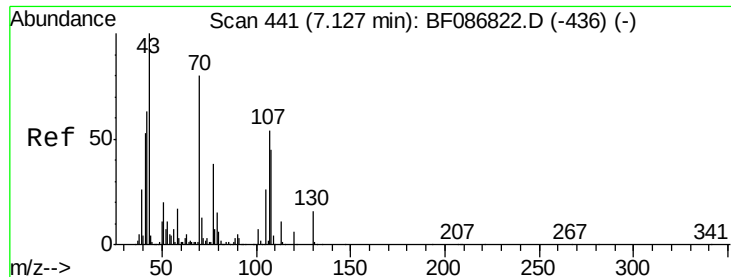
Ion Ratio Lower Upper

79 100

108 36.0 68.4 102.6#

77 113.4 50.6 76.0#

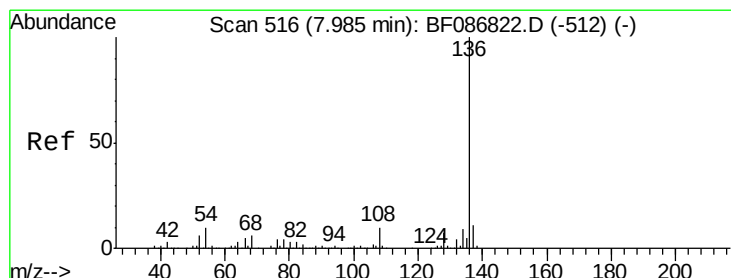
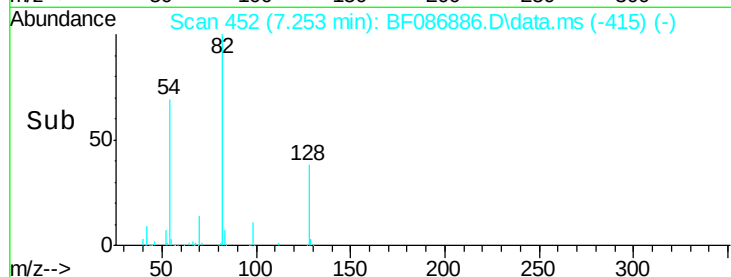
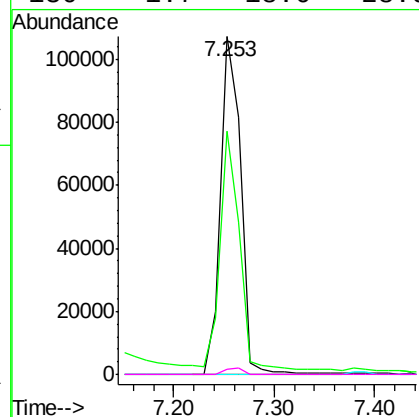
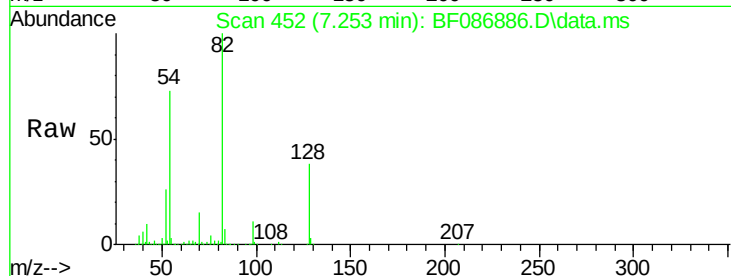




#19
n-Nitroso-di-n-propylamine
Concen: 17.91 ng
RT: 7.253 min Scan# 45
Delta R.T. 0.126 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

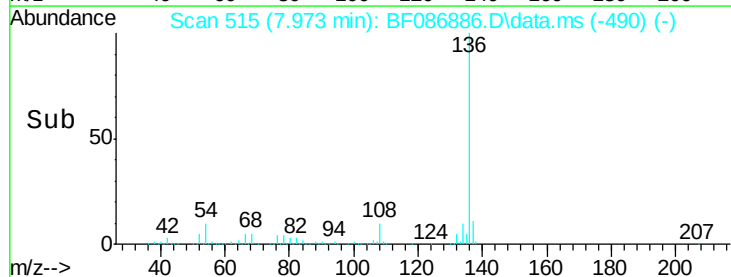
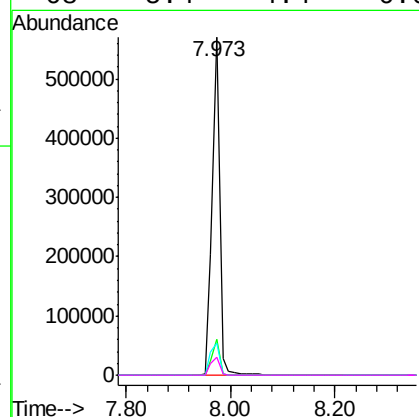
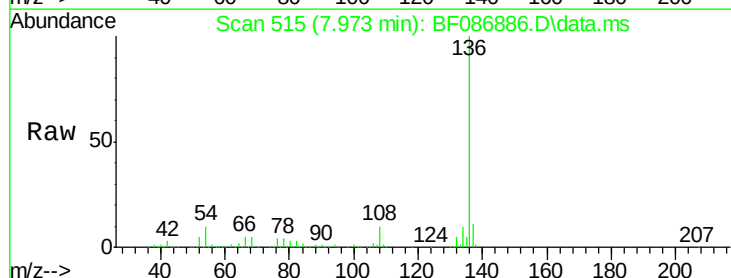
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-9K

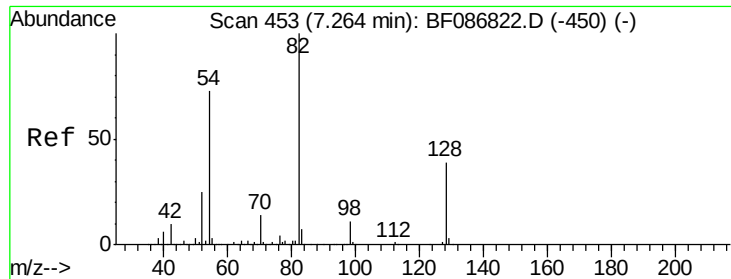
Tot Ion: 70 Resp: 149592
Ion Ratio Lower Upper
70 100
42 72.0 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.973 min Scan# 515
Delta R.T. -0.011 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

Tgt Ion: 136 Resp: 570358
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.6 5.0 7.4#
68 5.4 4.4 6.6

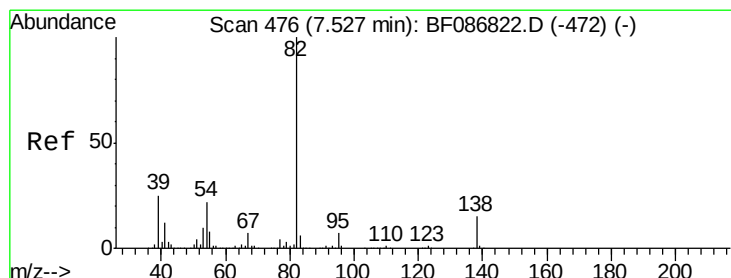
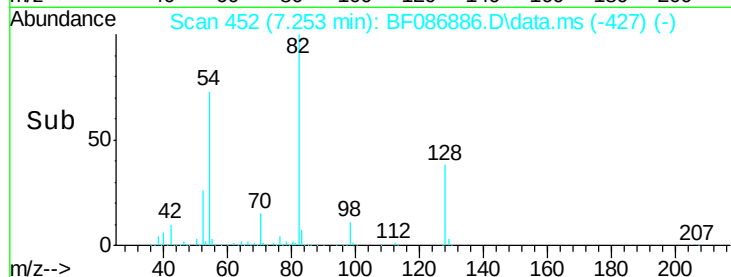
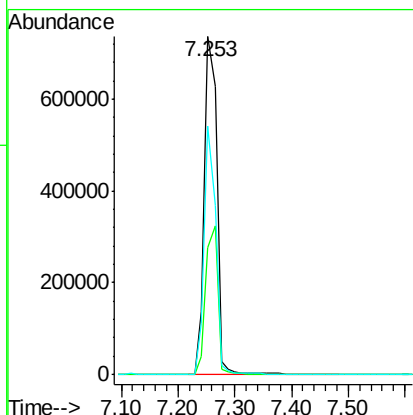
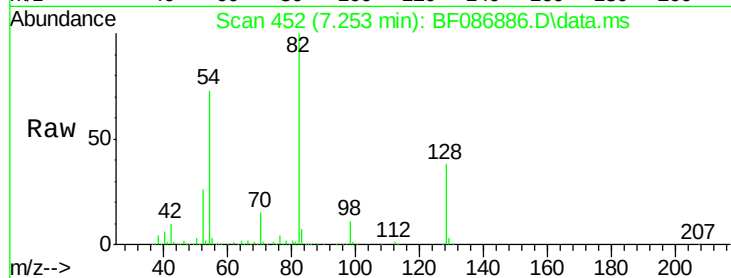




#23
 Nitrobenzene-d5
 Concen: 95.31 ng
 RT: 7.253 min Scan# 45
 Delta R.T. -0.011 min
 Lab File: BF086886.D
 Acq: 11 May 2016 7:35

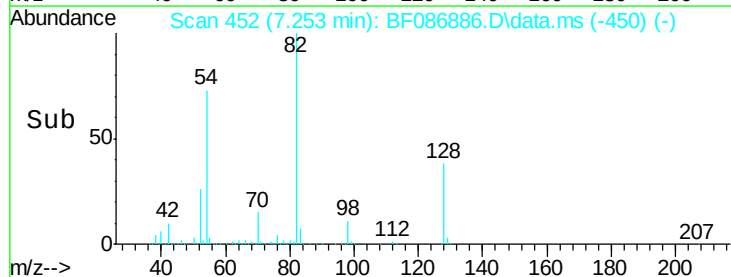
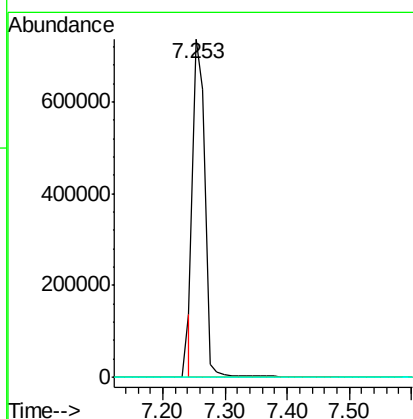
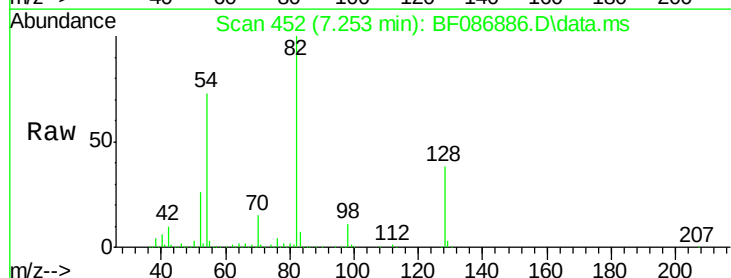
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-9K

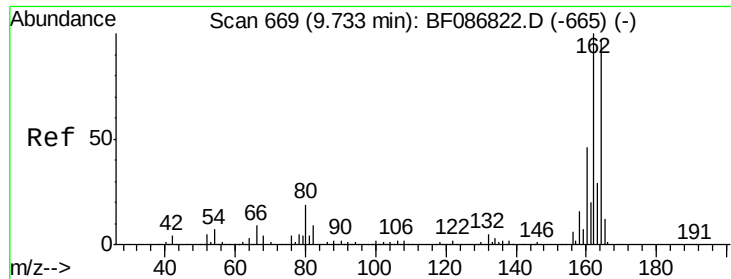
Tot Ion: 82 Resp: 1082574
 Ion Ratio Lower Upper
 82 100
 128 37.5 40.6 61.0#
 54 73.3 38.1 57.1#



#25
 Isophorone
 Concen: 46.42 ng
 RT: 7.253 min Scan# 452
 Delta R.T. -0.274 min
 Lab File: BF086886.D
 Acq: 11 May 2016 7:35

Tgt Ion: 82 Resp: 978219
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.722 min Scan# 66

Delta R.T. -0.011 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

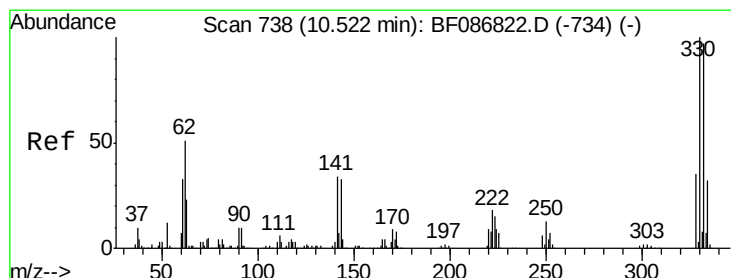
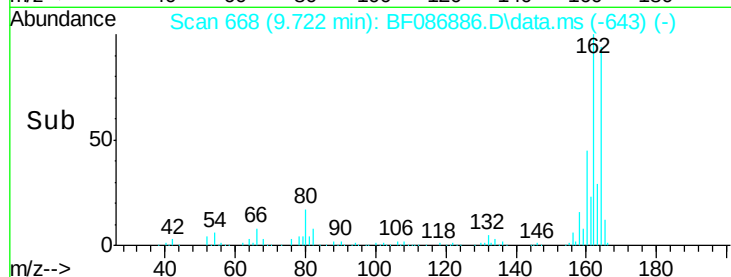
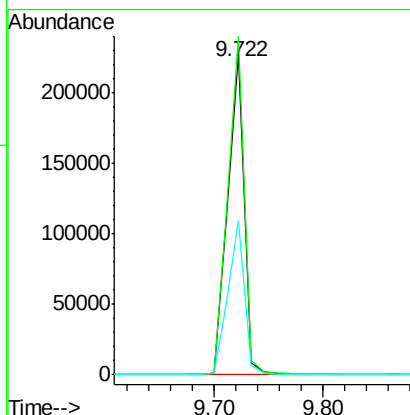
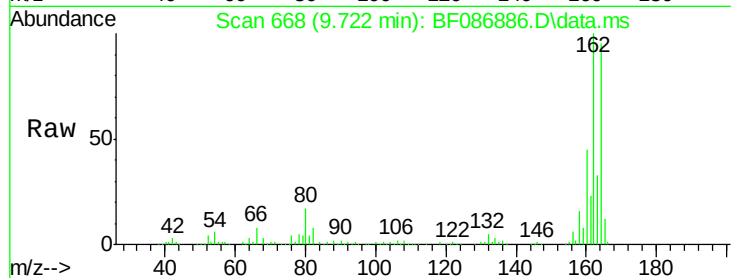
Tot Ion:164 Resp: 235705

Ion Ratio Lower Upper

164 100

162 105.8 82.8 124.2

160 48.1 36.9 55.3



#41

2,4,6-Tribromophenol

Concen: 121.40 ng

RT: 10.511 min Scan# 737

Delta R.T. -0.011 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

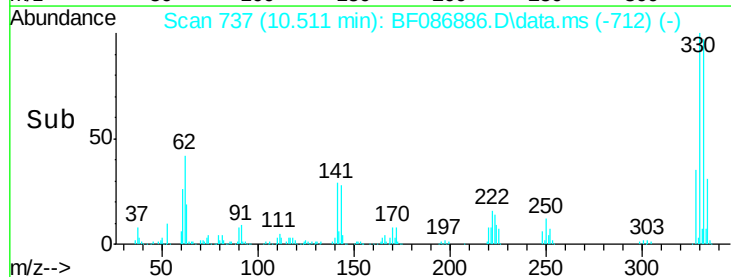
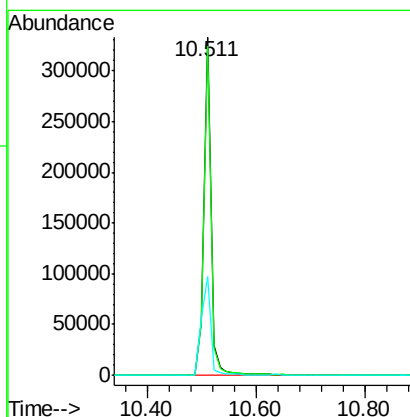
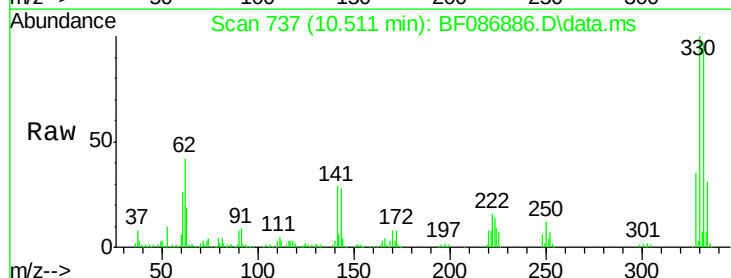
Tgt Ion:330 Resp: 302941

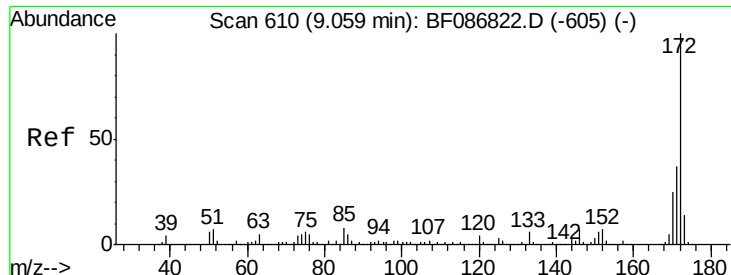
Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

141 37.4 31.2 46.8

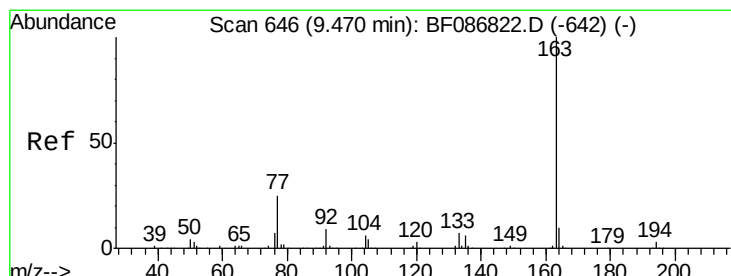
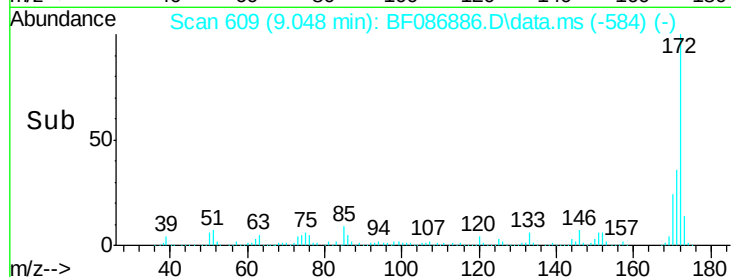
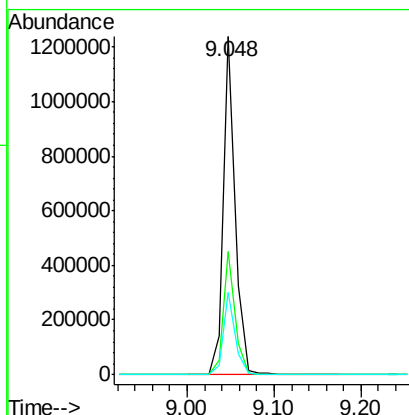
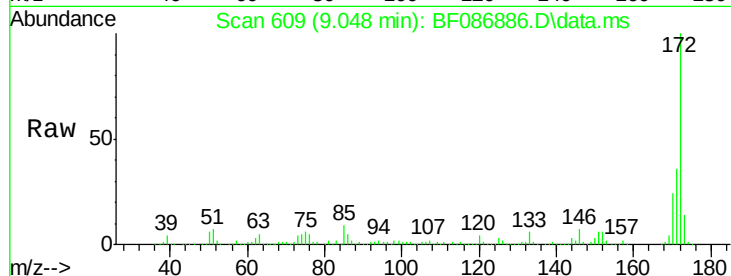




#44
2-Fluorobiphenyl
Concen: 85.21 ng
RT: 9.048 min Scan# 60
Delta R.T. -0.011 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

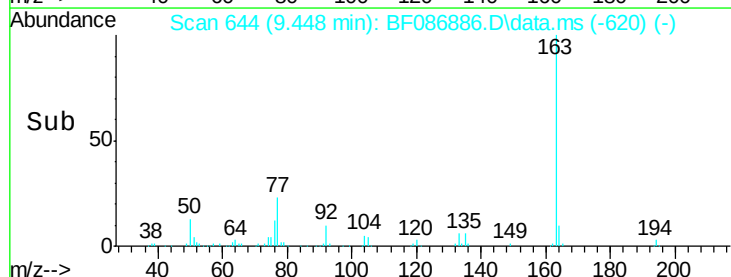
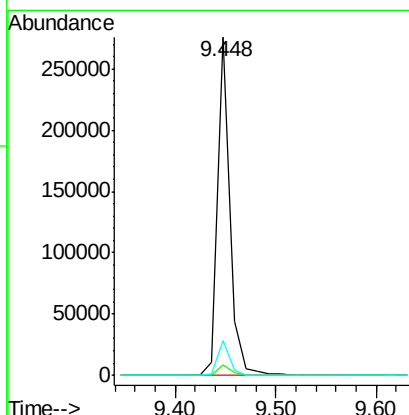
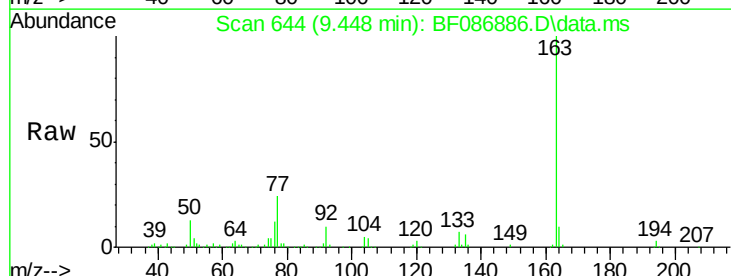
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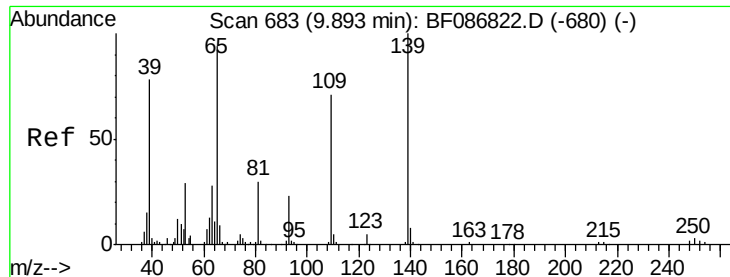
Tot Ion:172 Resp: 1195013
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 13.00 ng
RT: 9.448 min Scan# 644
Delta R.T. -0.023 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

Tgt Ion:163 Resp: 233856
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.2 12.4





#55

4-Nitrophenol

Concen: 4.64 ng

RT: 9.928 min Scan# 68

Delta R.T. 0.035 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

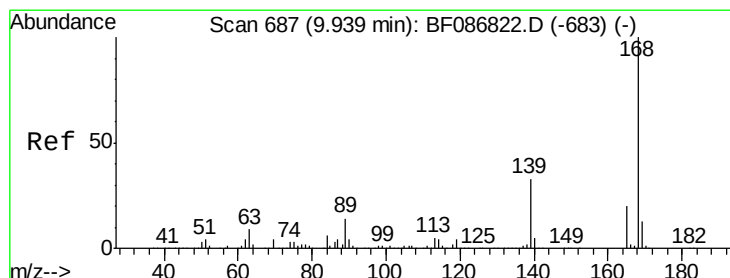
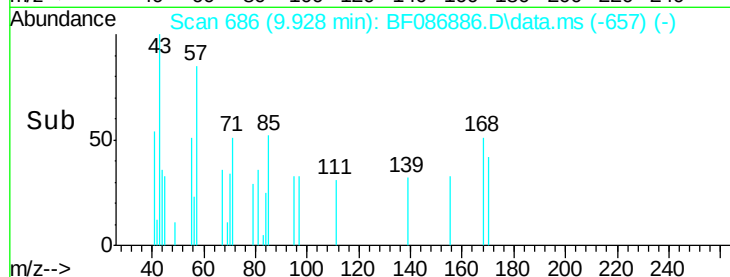
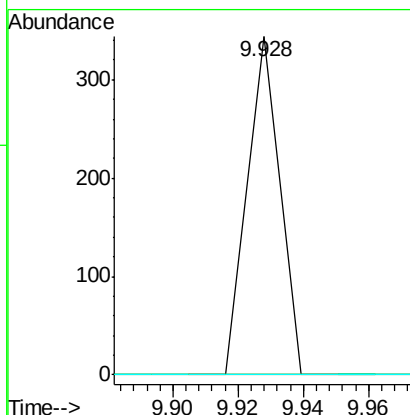
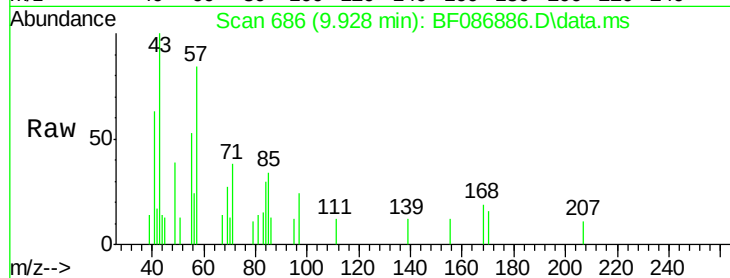
Tot Ion:139 Resp: 236

Ion Ratio Lower Upper

139 100

109 0.0 36.9 76.9#

65 0.0 64.0 104.0#



#56

2,4-Dinitrotoluene

Concen: 6.38 ng

RT: 9.722 min Scan# 668

Delta R.T. -0.217 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Tgt Ion:165 Resp: 29884

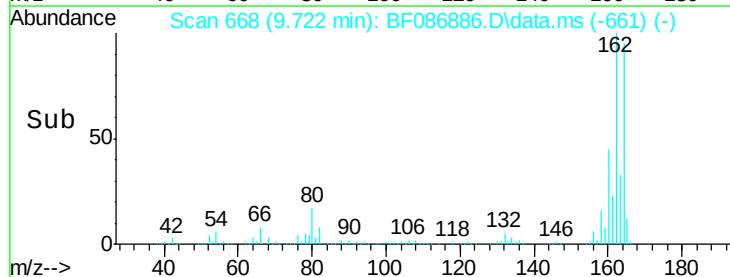
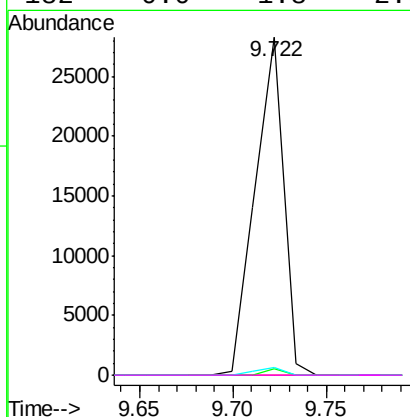
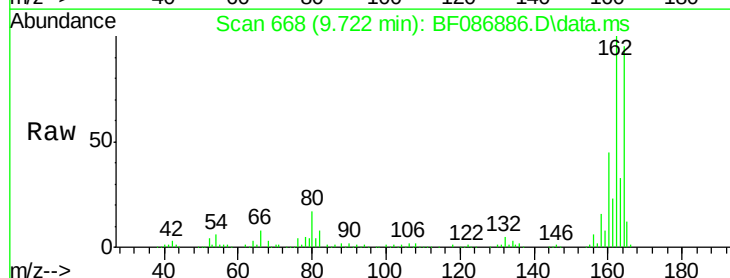
Ion Ratio Lower Upper

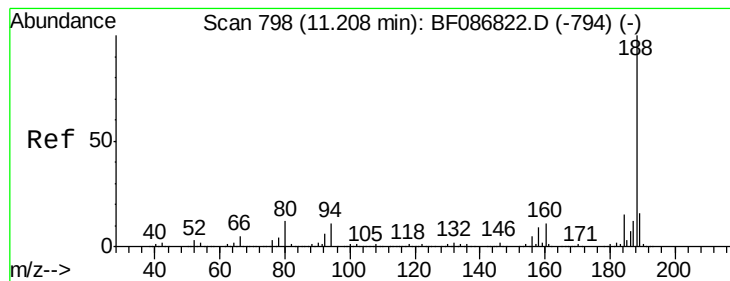
165 100

63 2.1 44.3 66.5#

89 2.4 70.0 105.0#

182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.196 min Scan# 79

Delta R.T. -0.011 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

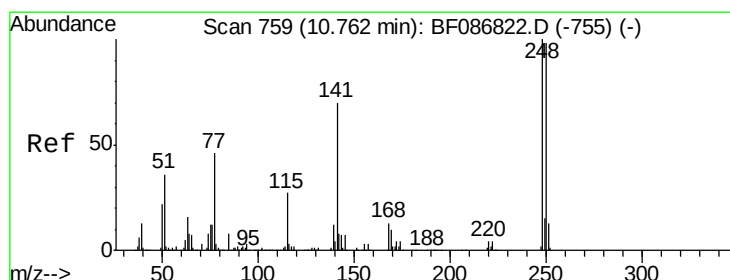
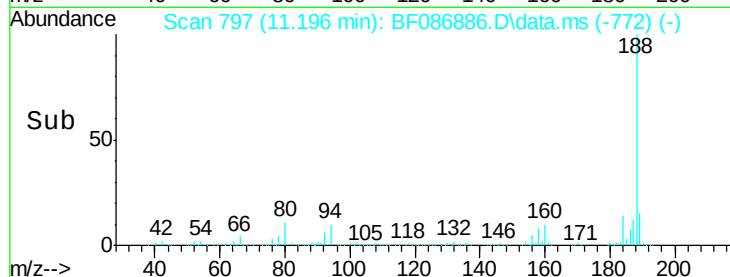
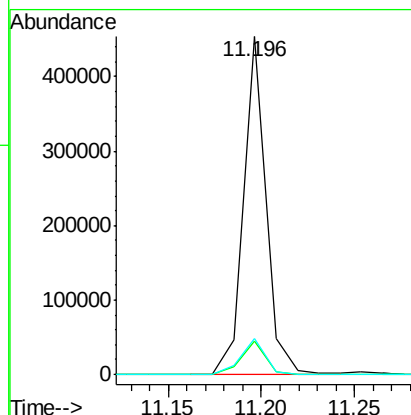
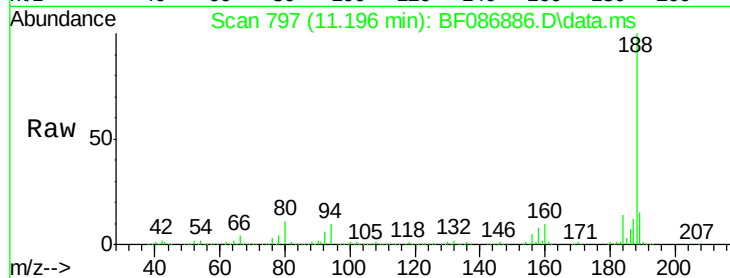
Tot Ion:188 Resp: 383363

Ion Ratio Lower Upper

188 100

94 10.0 6.8 10.2

80 10.6 7.1 10.7



#66

4-Bromophenyl-phenylether

Concen: 4.86 ng

RT: 10.511 min Scan# 737

Delta R.T. -0.251 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

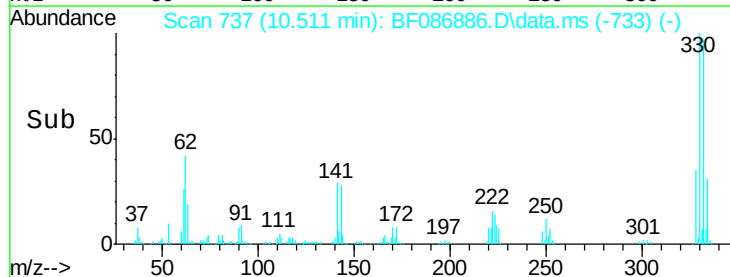
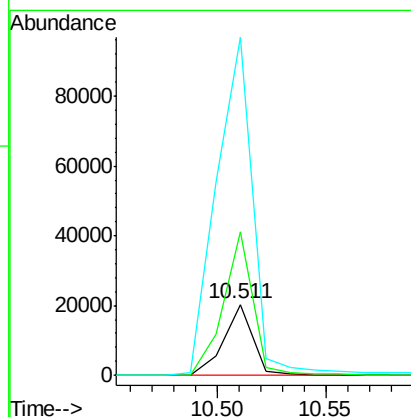
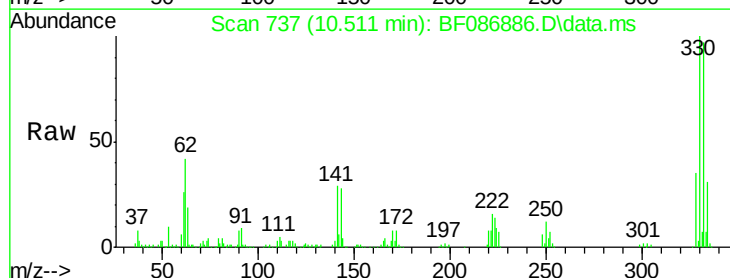
Tgt Ion:248 Resp: 18880

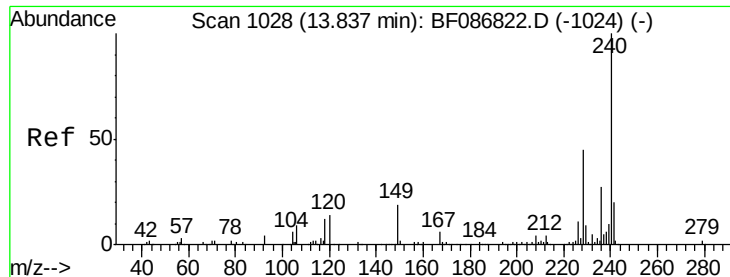
Ion Ratio Lower Upper

248 100

250 202.1 78.6 117.8#

141 475.8 76.0 114.0#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.825 min Scan# 10

Delta R.T. -0.011 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-9K

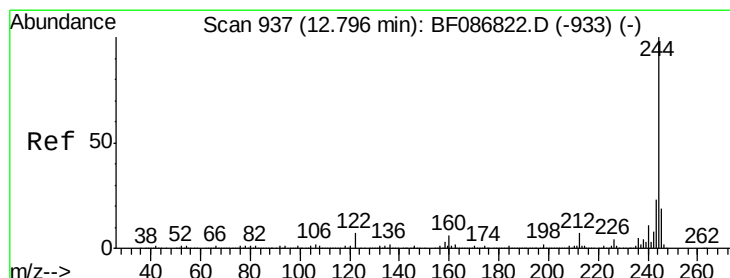
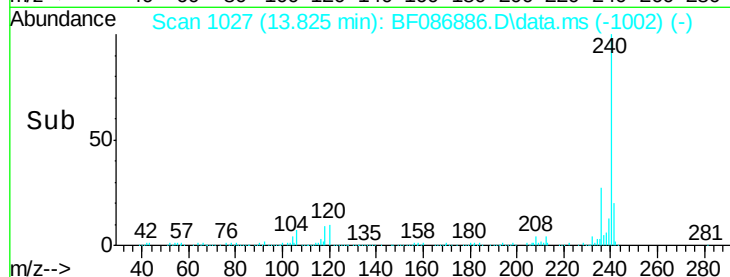
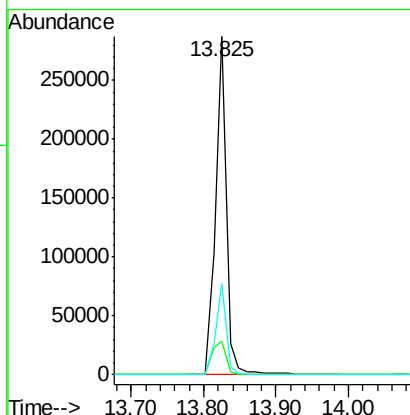
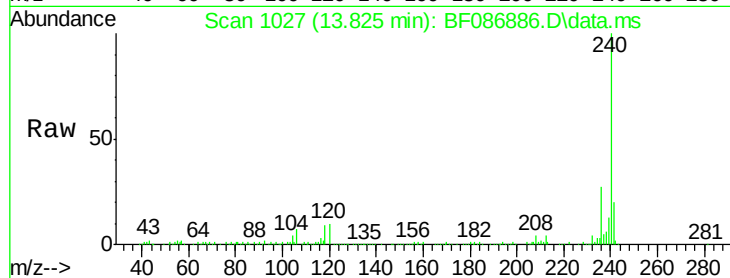
Tot Ion:240 Resp: 297136

Ion Ratio Lower Upper

240 100

120 9.9 11.2 16.8#

236 26.9 21.2 31.8



#78

Terphenyl-d14

Concen: 72.28 ng

RT: 12.785 min Scan# 936

Delta R.T. -0.011 min

Lab File: BF086886.D

Acq: 11 May 2016 7:35

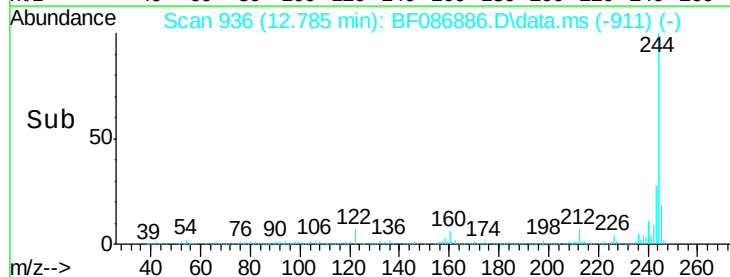
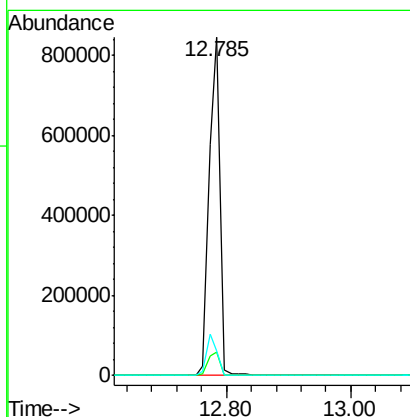
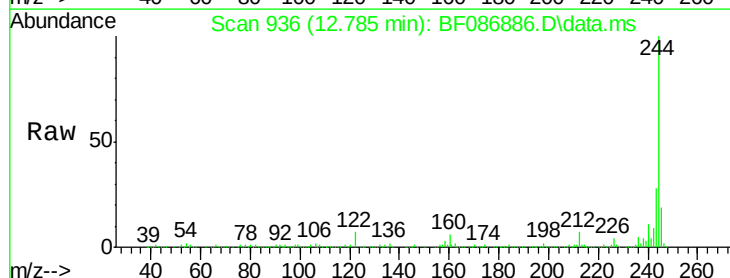
Tgt Ion:244 Resp: 1012208

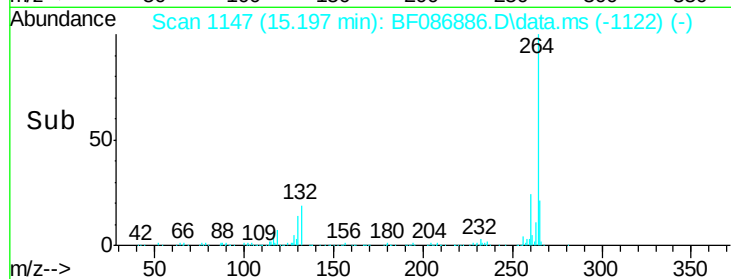
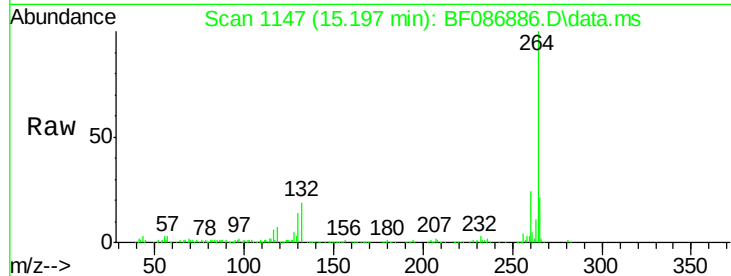
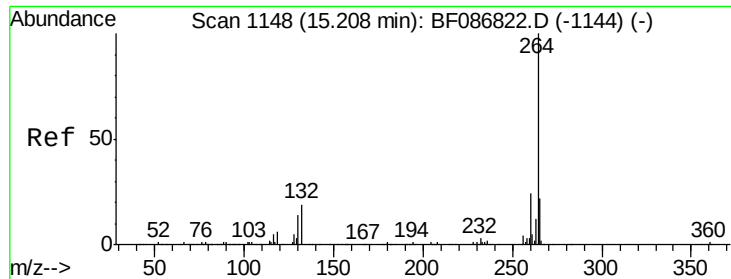
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

122 7.2 12.0 18.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.197 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF086886.D
Acq: 11 May 2016 7:35

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-9K

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.3	25.9

