

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087130.D
 Acq On : 18 May 2016 4:44
 Operator : UM/SJ
 Sample : H3085-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-13K

Quant Time: May 18 05:14:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

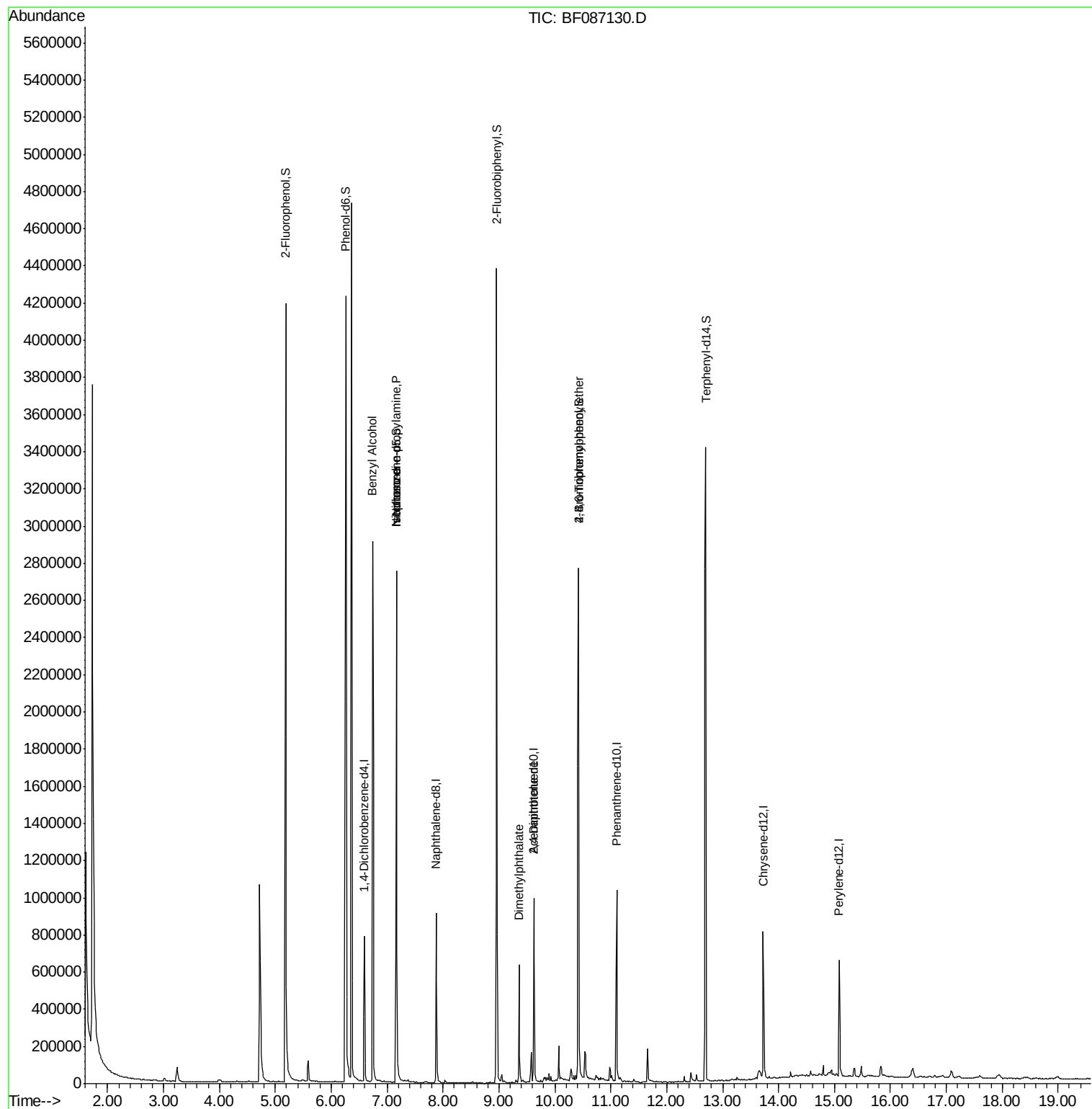
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	126877	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	507688	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	240687	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	454405	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	329383	20.00	ng	-0.03
86) Perylene-d12	15.09	264	257142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1155394	153.06	ng	-0.01
7) Phenol-d6	6.26	99	1466461	144.85	ng	-0.02
23) Nitrobenzene-d5	7.16	82	953092	93.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	409042	153.79	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1386190	95.38	ng	-0.02
78) Terphenyl-d14	12.70	244	1441161	98.97	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.74	79	16336	2.17	ng	# 44
19) n-Nitroso-di-n-propylamine	7.16	70	134990	17.54	ng	# 72
25) Isophorone	7.16	82	794807	42.62	ng	# 68
49) Dimethylphthalate	9.36	163	227236	12.38	ng	99
56) 2,4-Dinitrotoluene	9.62	165	30619	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	25342	5.42	ng	# 1

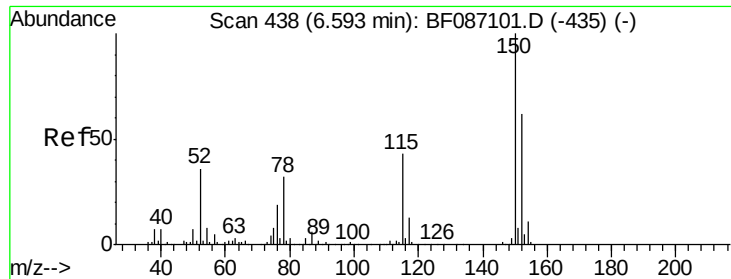
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087130.D
Acq On : 18 May 2016 4:44
Operator : UM/SJ
Sample : H3085-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-13K

Quant Time: May 18 05:14:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-13K

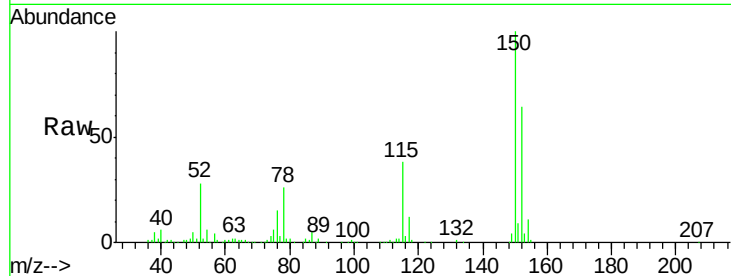
Tgt Ion:152 Resp: 126877

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

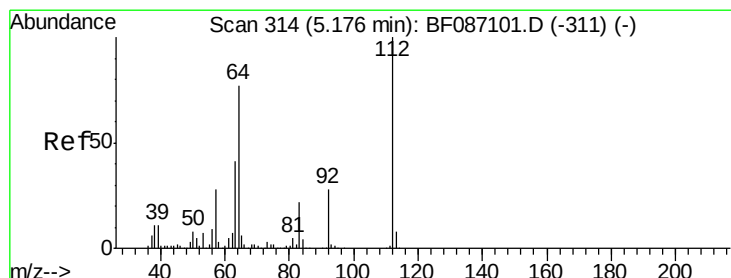
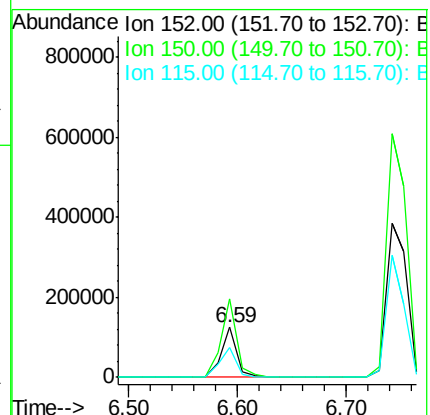
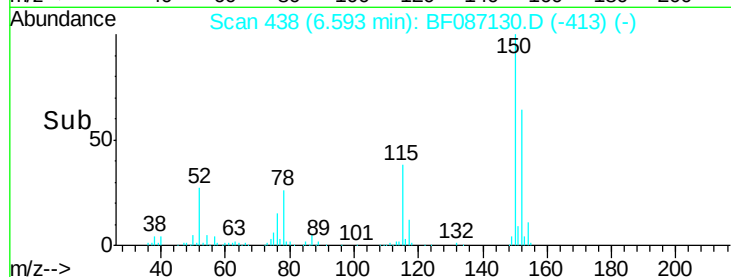
115 59.9 51.5 77.3



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: 153.06 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

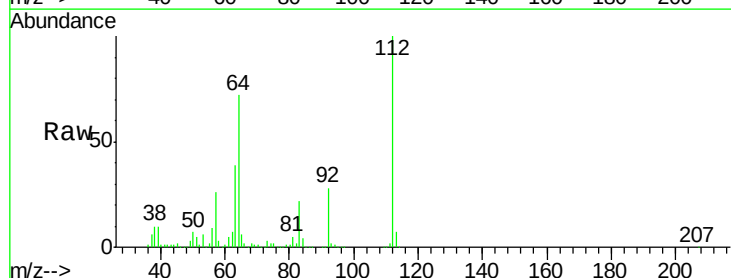
Tgt Ion:112 Resp: 1155394

Ion Ratio Lower Upper

112 100

64 71.8 52.1 78.1

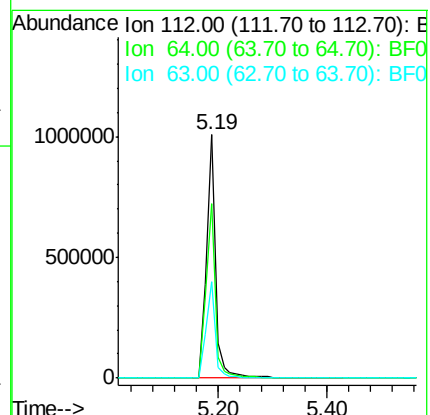
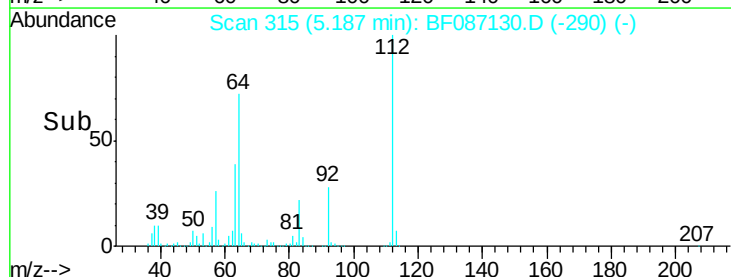
63 39.4 25.7 38.5

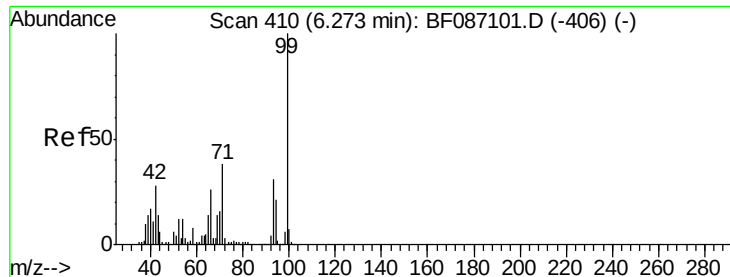


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.85 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-13K

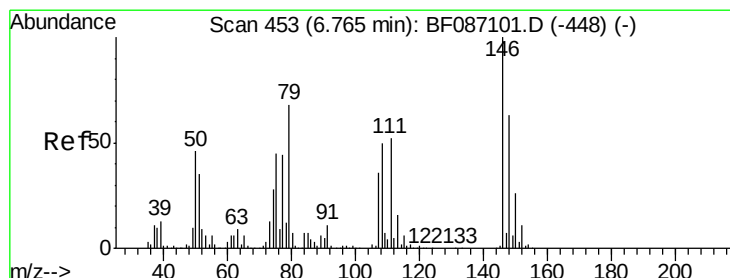
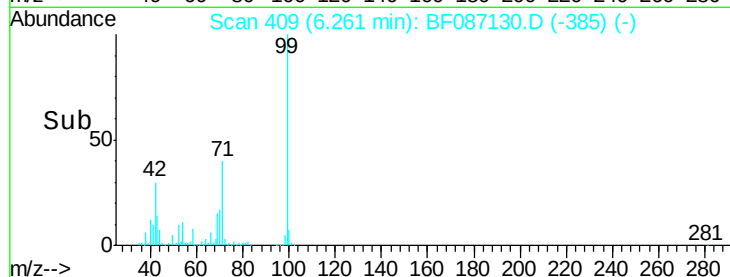
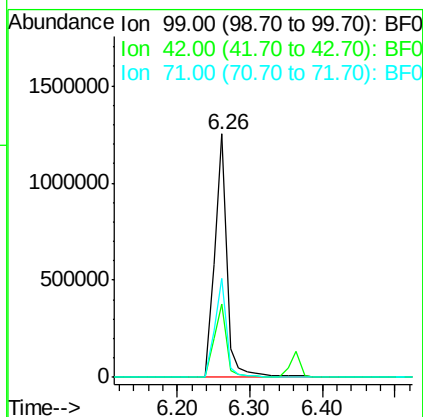
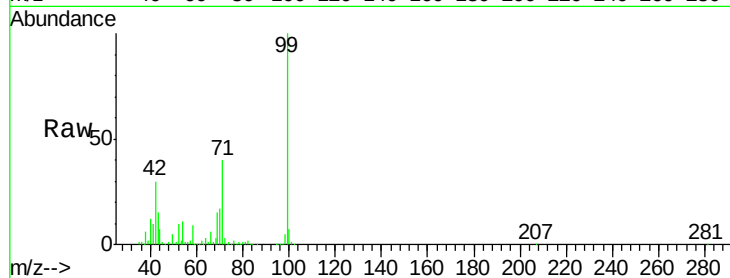
Tgt Ion: 99 Resp: 1466461

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

71 40.4 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087130.D

Acq: 18 May 2016 4:44

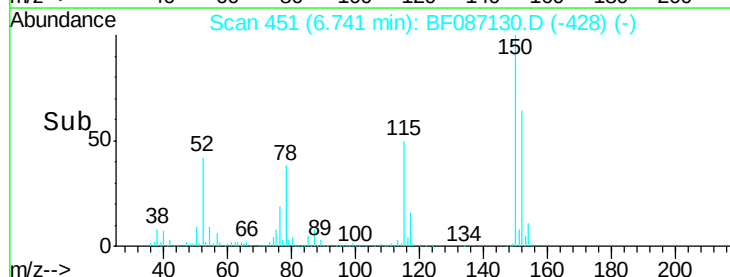
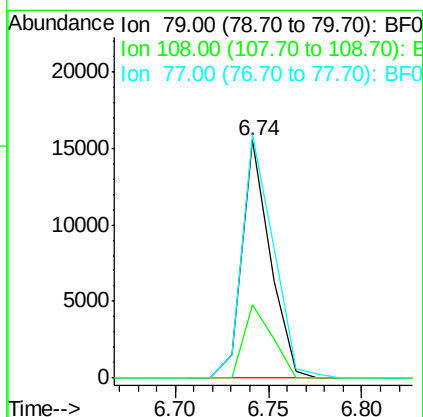
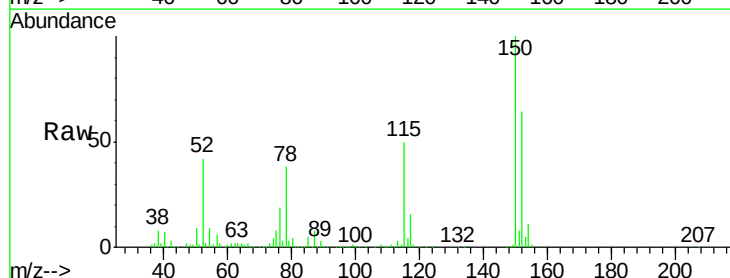
Tgt Ion: 79 Resp: 16336

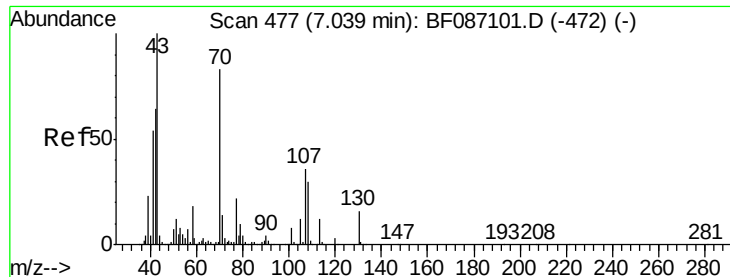
Ion Ratio Lower Upper

79 100

108 30.8 68.4 102.6#

77 102.3 50.6 76.0#

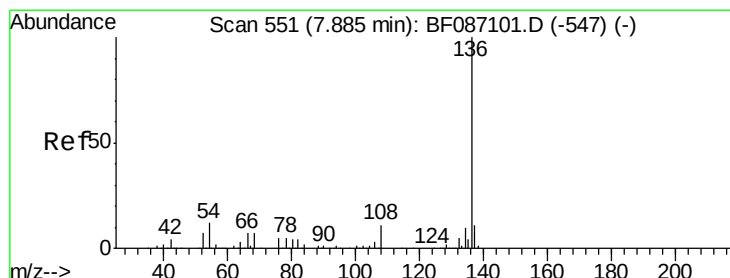
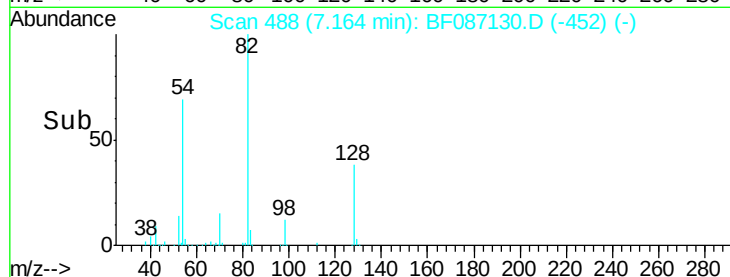
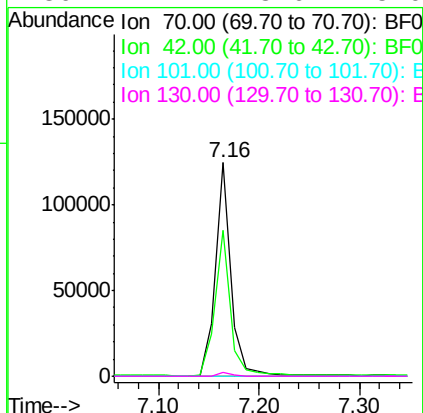
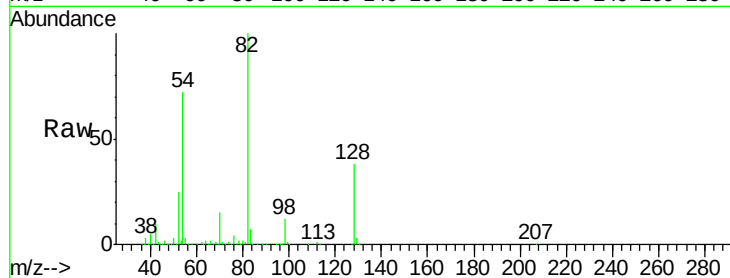




#19
n-Nitroso-di-n-propylamine
Concen: 17.54 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.11 min
Lab File: BF087130.D
Acq: 18 May 2016 4:44

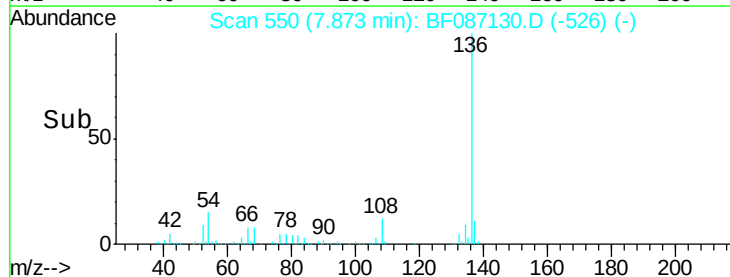
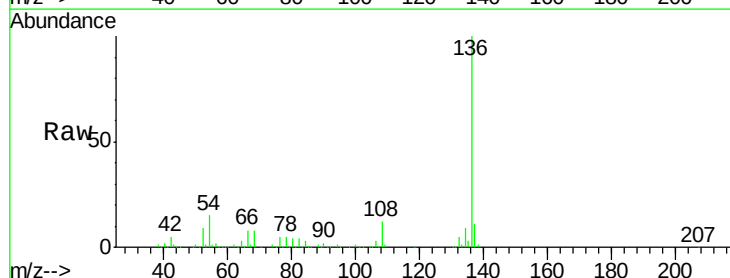
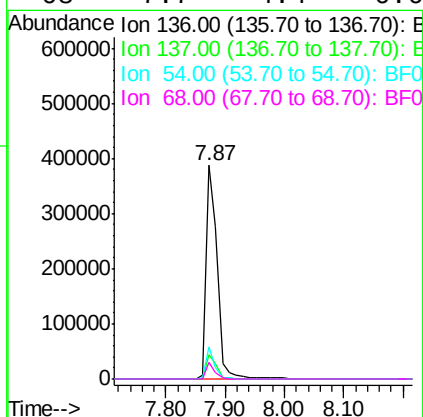
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-13K

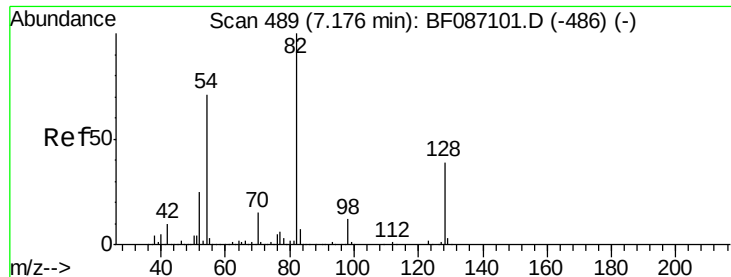
Tgt Ion: 70 Resp: 134990
Ion Ratio Lower Upper
70 100
42 68.4 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF087130.D
Acq: 18 May 2016 4:44

Tgt Ion: 136 Resp: 507688
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 15.2 5.0 7.4#
68 7.7 4.4 6.6#

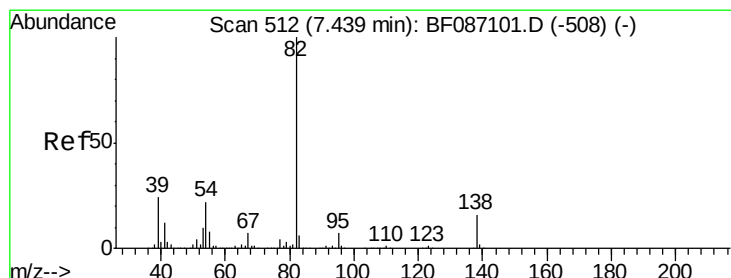
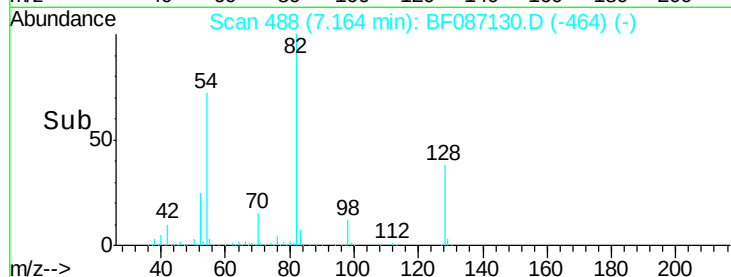
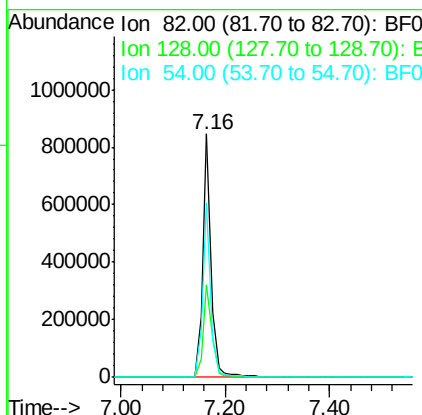
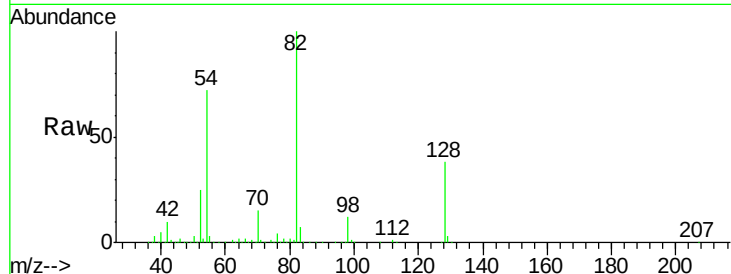




#23
 Nitrobenzene-d5
 Concen: 93.56 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

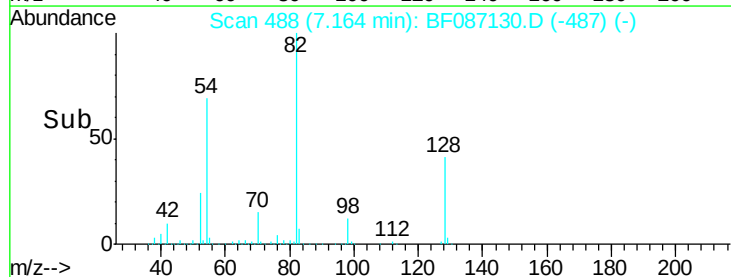
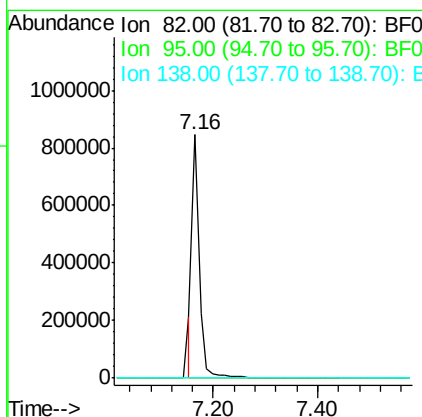
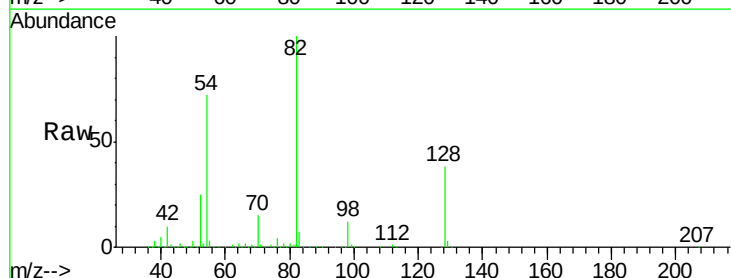
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-13K

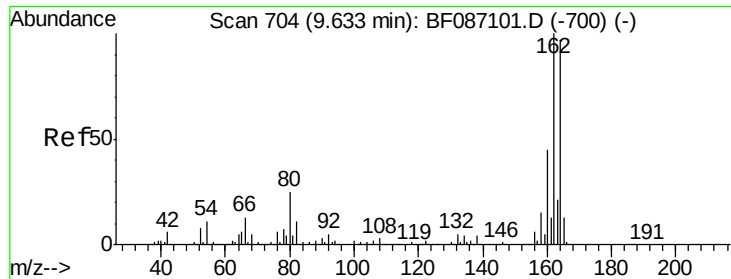
Tgt Ion: 82 Resp: 953092
 Ion Ratio Lower Upper
 82 100
 128 38.2 40.6 61.0#
 54 71.7 38.1 57.1#



#25
 Isophorone
 Concen: 42.62 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.29 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Tgt Ion: 82 Resp: 794807
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

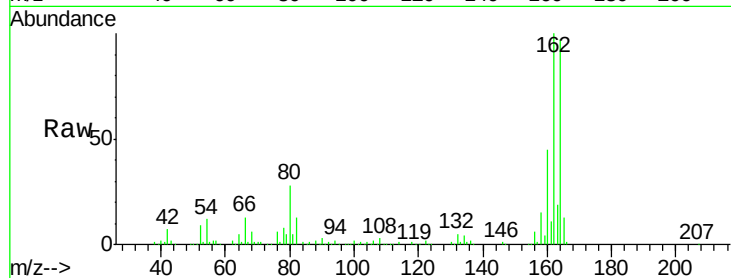




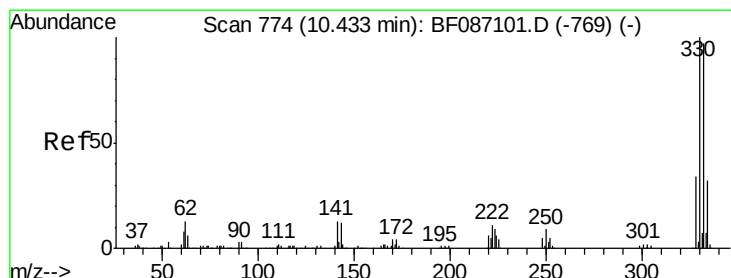
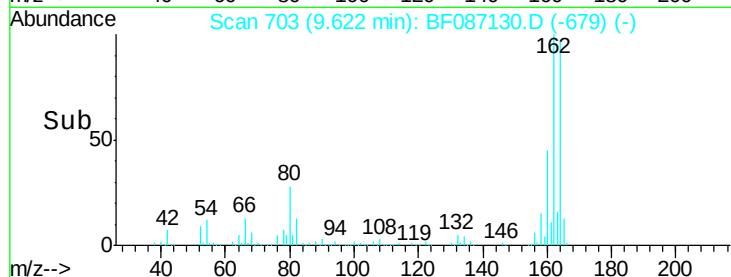
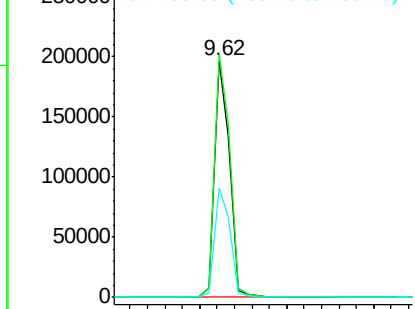
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-13K

Tgt Ion:164 Resp: 240687
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 46.0 36.9 55.3

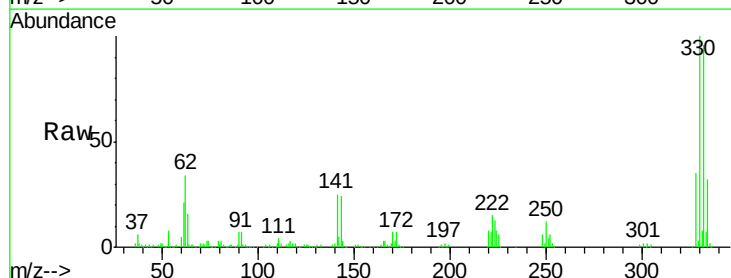


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

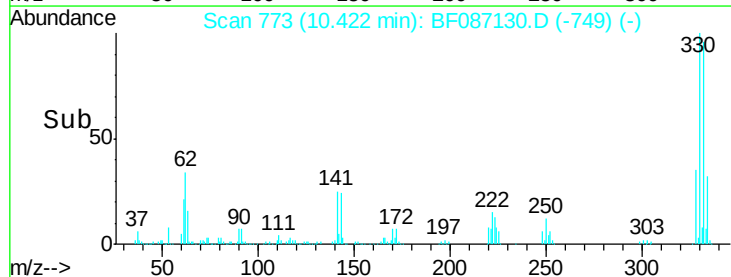
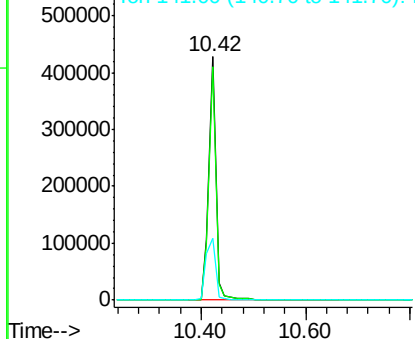


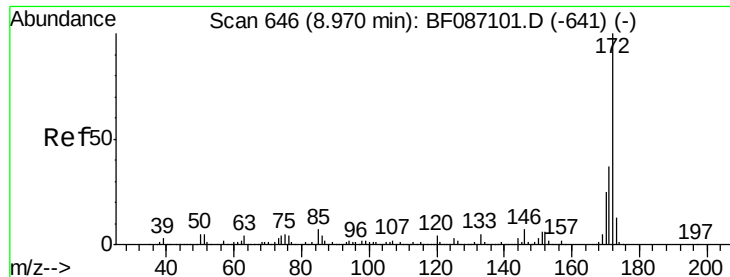
#41
 2,4,6-Tribromophenol
 Concen: 153.79 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Tgt Ion:330 Resp: 409042
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.4
 141 34.9 31.2 46.8



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

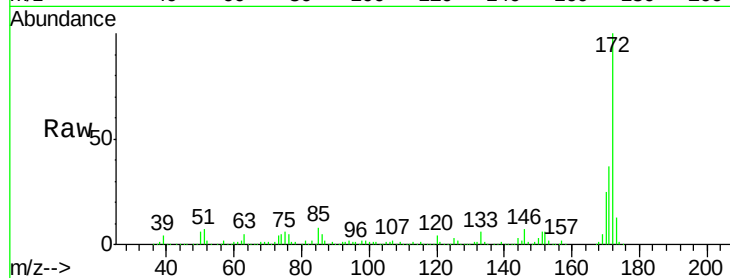




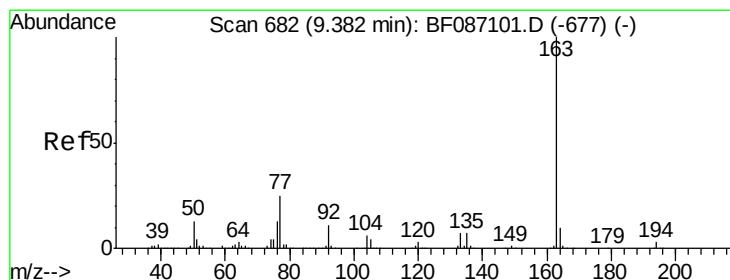
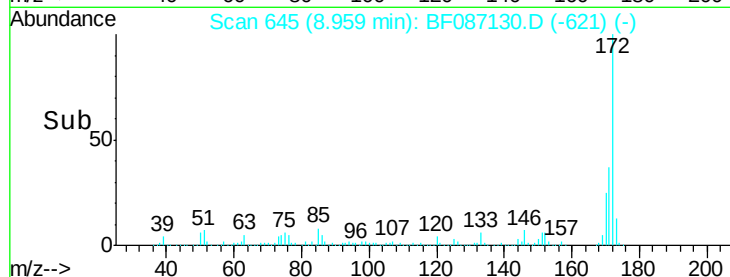
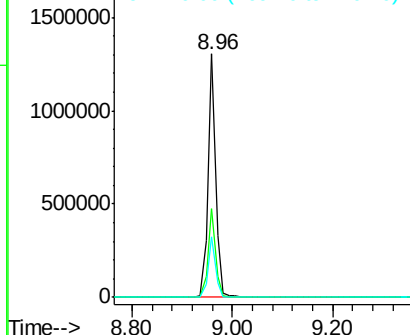
#44
2-Fluorobiphenyl
Concen: 95.38 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF087130.D
Acq: 18 May 2016 4:44

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-13K

Tgt Ion:172 Resp: 1386190
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 24.7 19.8 29.8

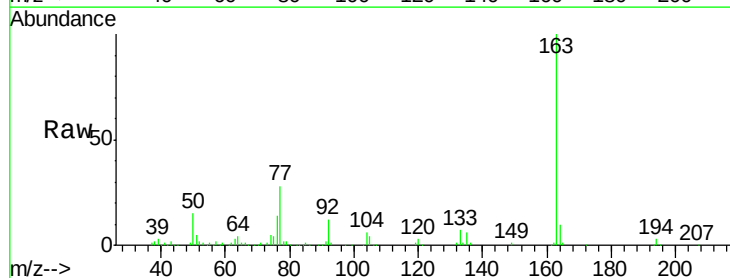


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

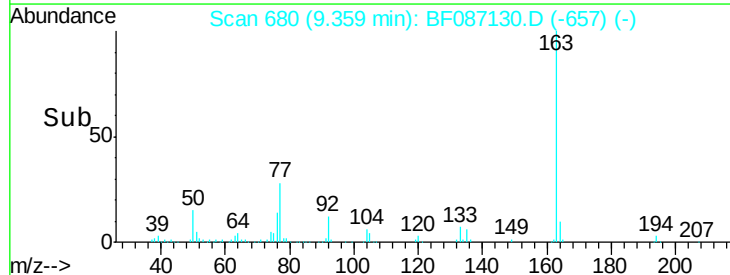
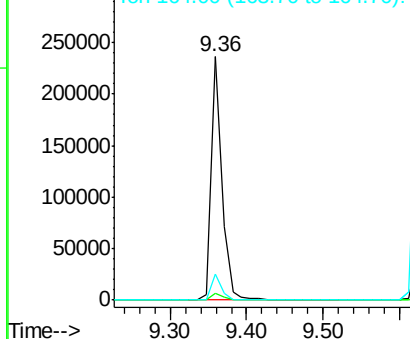


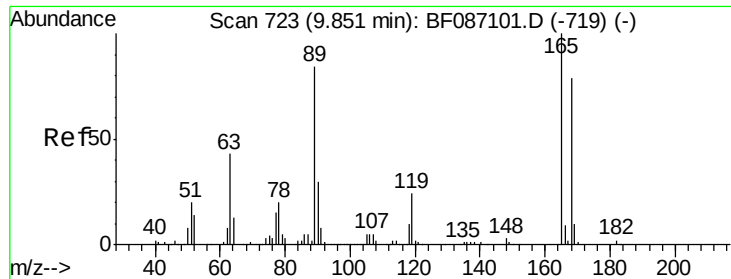
#49
Dimethylphthalate
Concen: 12.38 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087130.D
Acq: 18 May 2016 4:44

Tgt Ion:163 Resp: 227236
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.5 8.2 12.4



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

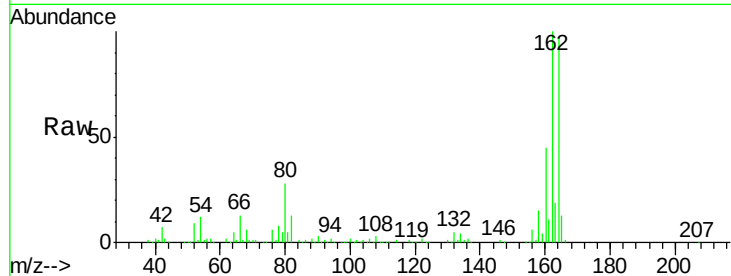




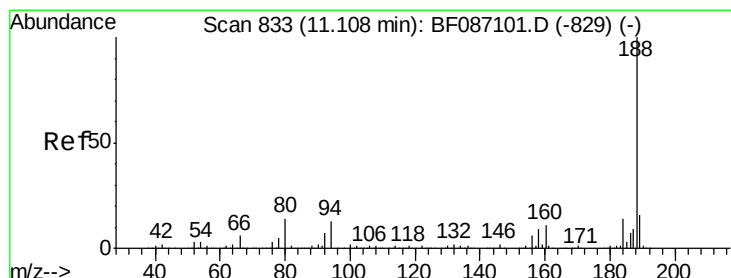
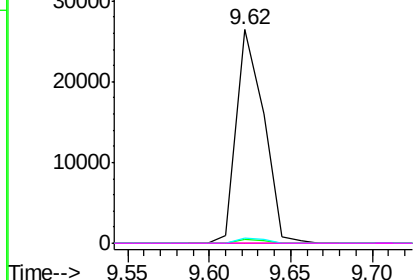
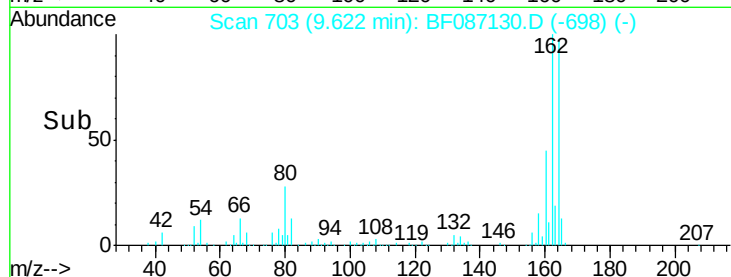
#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.24 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-13K

Tgt Ion:165 Resp: 30619
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.3 66.5#
 89 2.1 70.0 105.0#
 182 0.0 1.8 2.6#

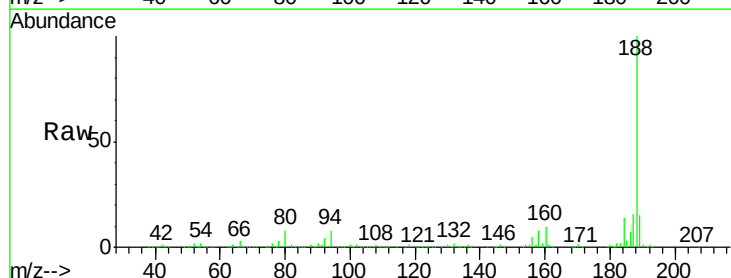


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

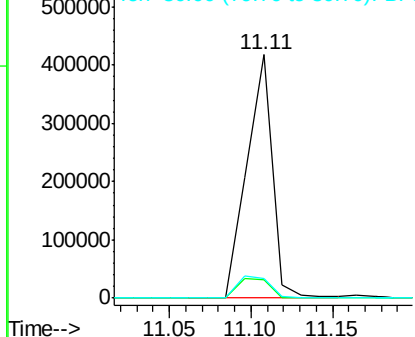
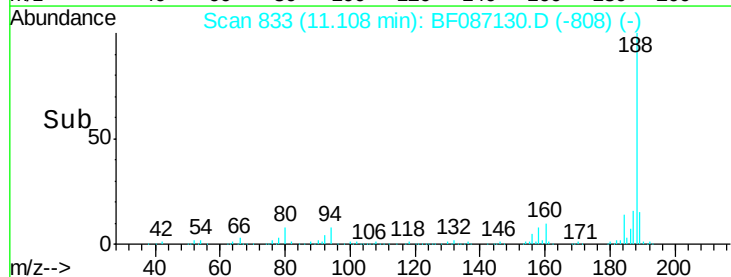


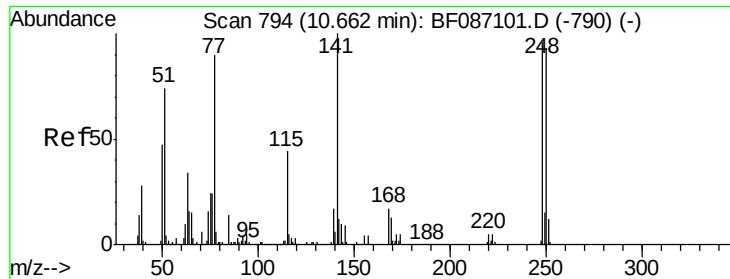
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Tgt Ion:188 Resp: 454405
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.8 10.2
 80 8.1 7.1 10.7



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

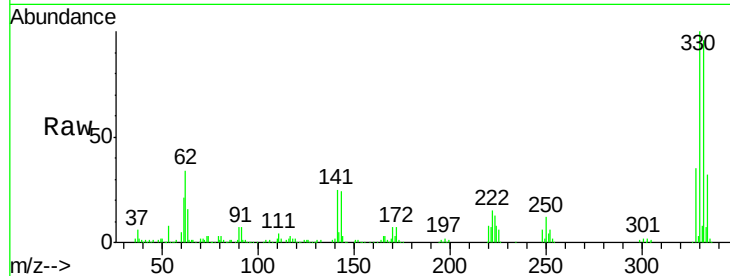




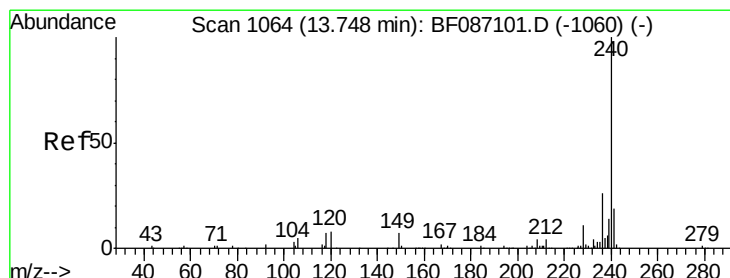
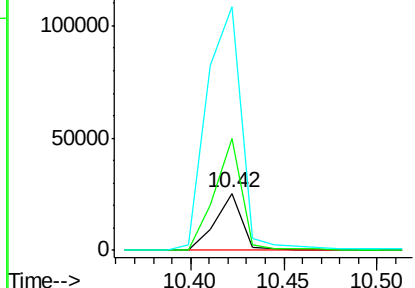
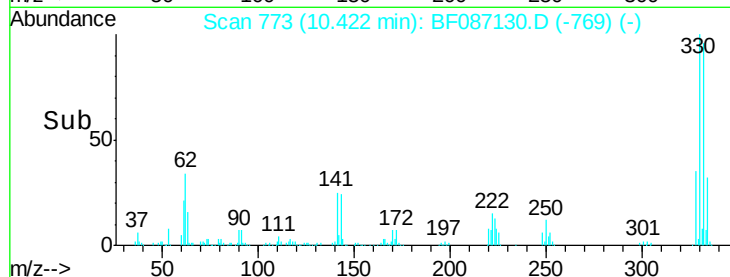
#66
 4-Bromophenyl-phenylether
 Concen: 5.42 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.25 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-13K

Tgt Ion: 248 Resp: 25342
 Ion Ratio Lower Upper
 248 100
 250 197.7 78.6 117.8#
 141 428.3 76.0 114.0#

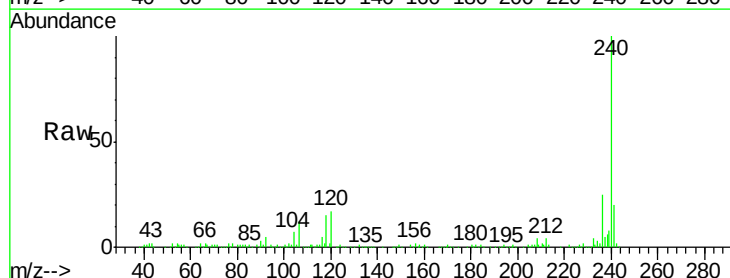


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

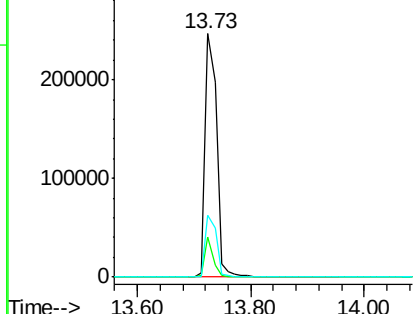
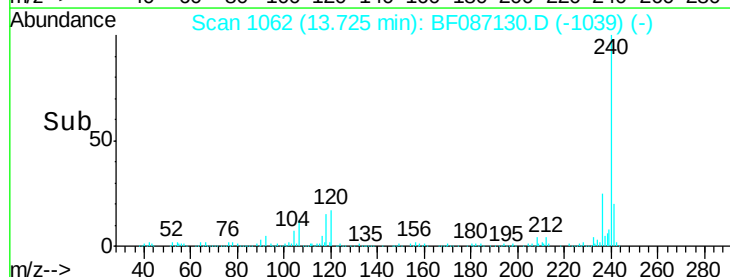


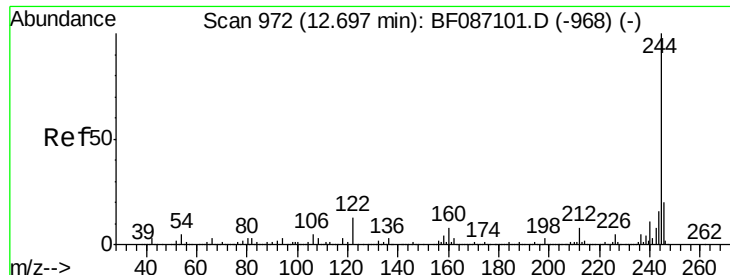
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.03 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Tgt Ion: 240 Resp: 329383
 Ion Ratio Lower Upper
 240 100
 120 16.6 11.2 16.8
 236 25.5 21.2 31.8



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

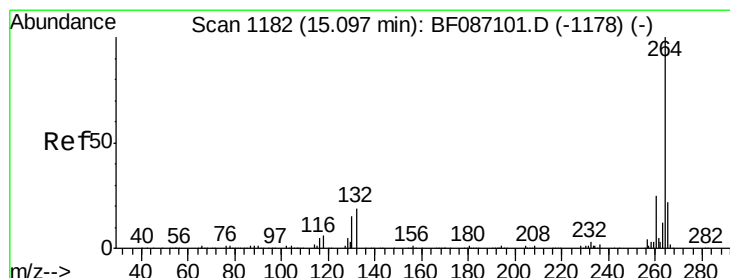
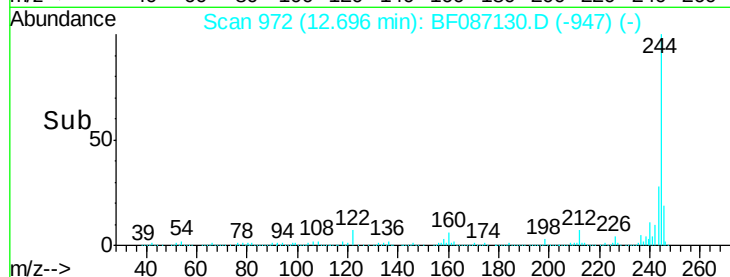
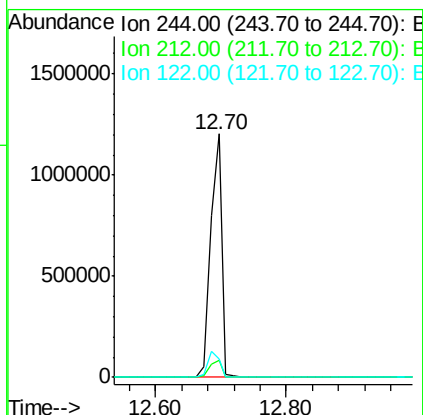
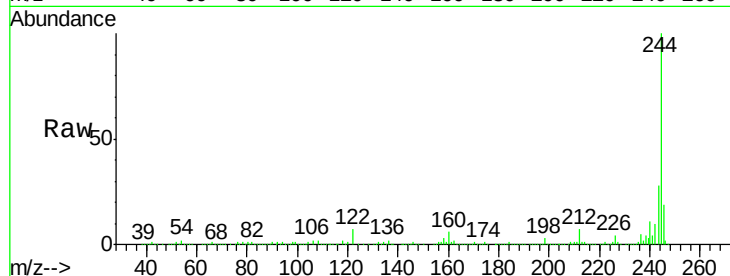




#78
 Terphenyl-d14
 Concen: 98.97 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-13K

Tgt Ion:244 Resp: 1441161
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 7.4 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF087130.D
 Acq: 18 May 2016 4:44

Tgt Ion:264 Resp: 257142
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.5 17.3 25.9

