

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090940.D
 Acq On : 31 Oct 2016 20:44
 Operator : UM/SJ
 Sample : H5463-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:38:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

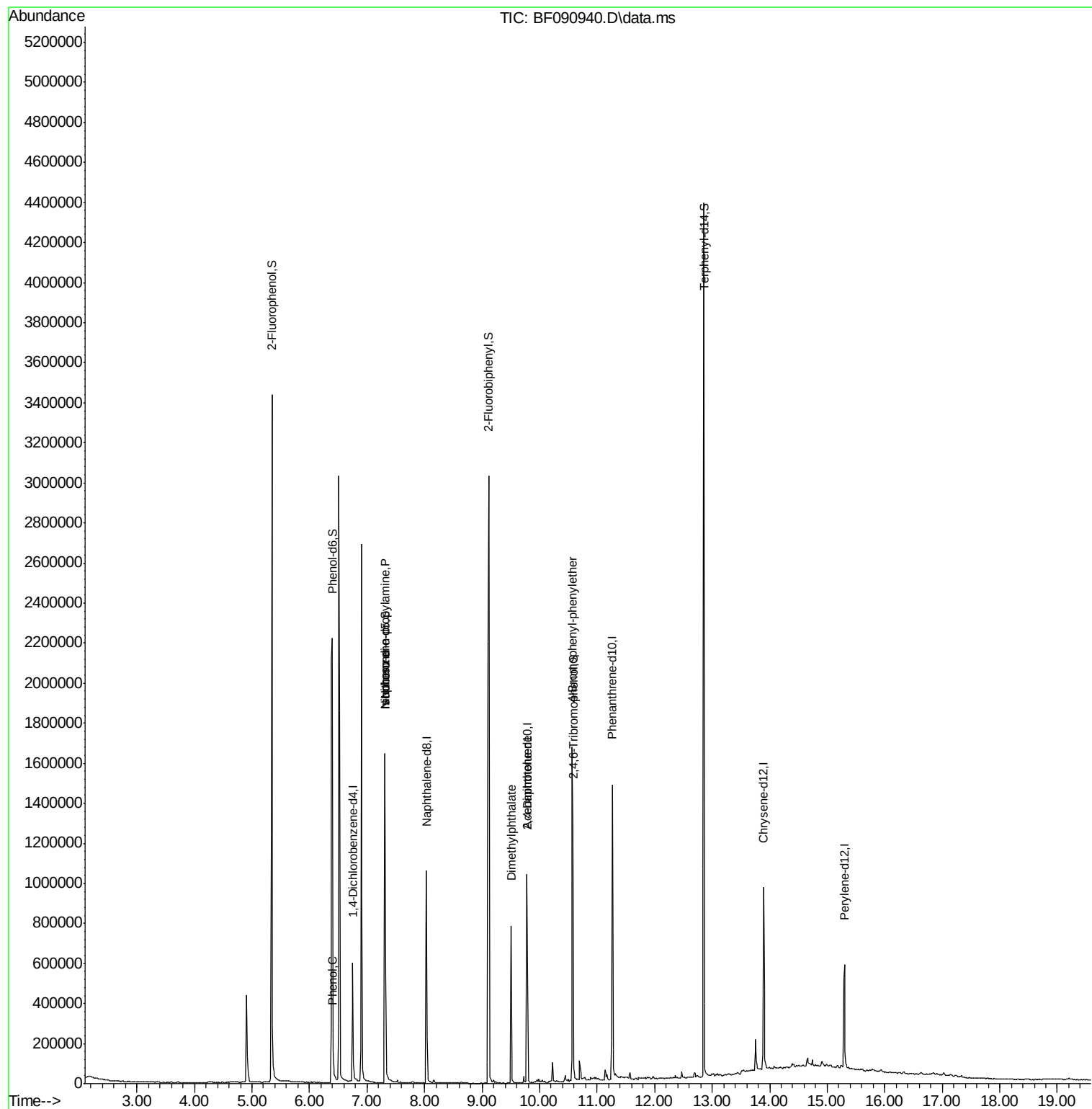
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	132165	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	527597	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	264280	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	515227	20.00	ng	-0.02
75) Chrysene-d12	13.894	240	331750	20.00	ng	-0.03
86) Perylene-d12	15.299	264	265899	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	1063933	140.75	ng	-0.01
7) Phenol-d6	6.396	99	1357410	133.10	ng	-0.02
23) Nitrobenzene-d5	7.310	82	687971	85.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	345675	127.28	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1384894	92.02	ng	-0.02
78) Terphenyl-d14	12.854	244	1425829	108.28	ng	-0.02
Target Compounds						
10) Phenol	6.407	94	38295	3.41	ng	Qvalue 81
19) n-Nitroso-di-n-propyla...	7.310	70	88113	14.94	ng	# 52
25) Isophorone	7.310	82	607756	37.16	ng	# 58
49) Dimethylphthalate	9.505	163	316252	17.91	ng	# 97
56) 2,4-Dinitrotoluene	9.779	165	34032	7.03	ng	# 32
66) 4-Bromophenyl-phenylether	10.568	248	19389	3.44	ng	# 1

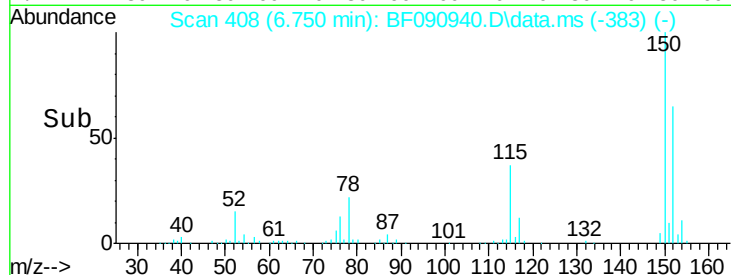
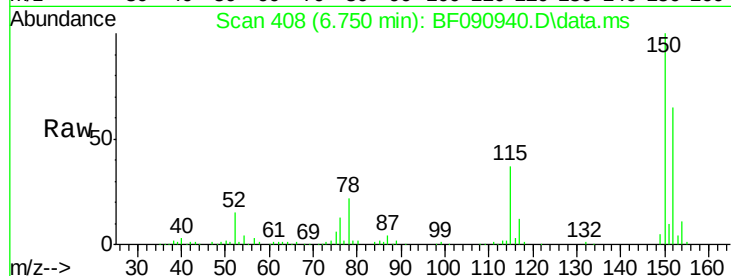
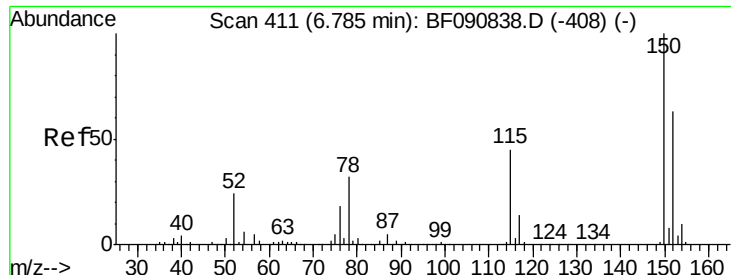
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
Data File : BF090940.D
Acq On : 31 Oct 2016 20:44
Operator : UM/SJ
Sample : H5463-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 10:38:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration

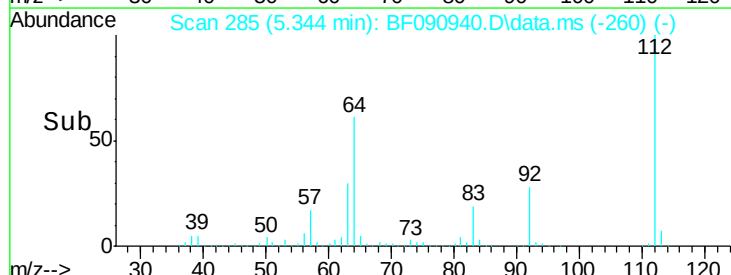
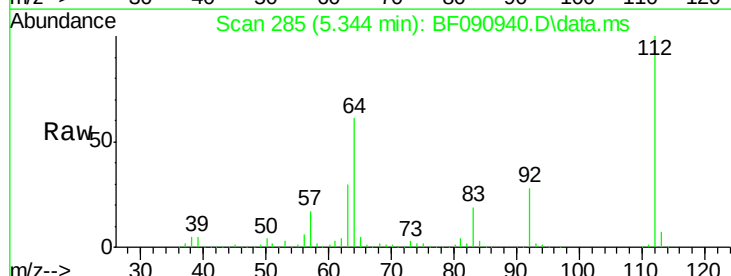
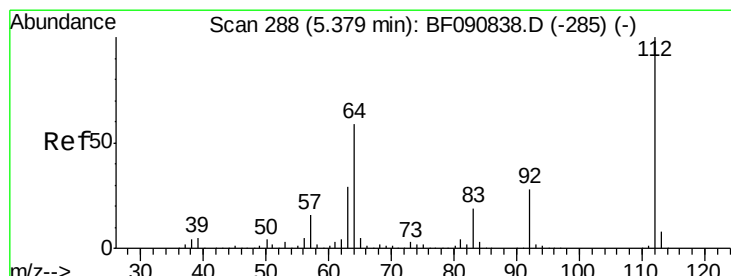
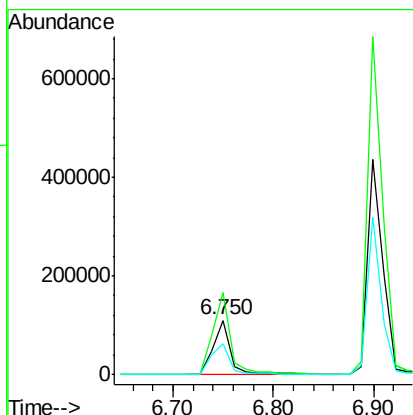




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.750 min Scan# 40
 Delta R.T. -0.011 min
 Lab File: BF090940.D
 Acq: 31 Oct 2016 20:44

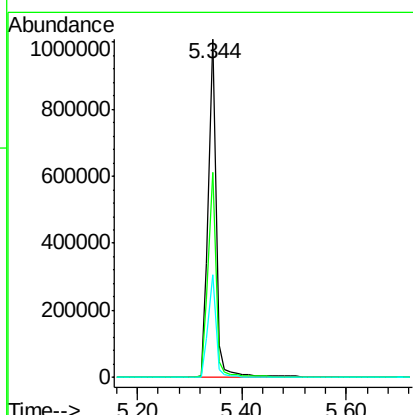
Instrument :
 BNA_F
 ClientSampleId :

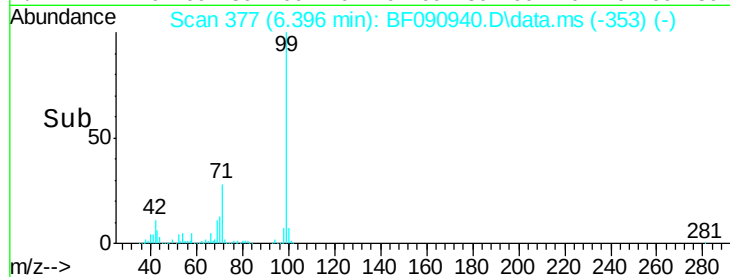
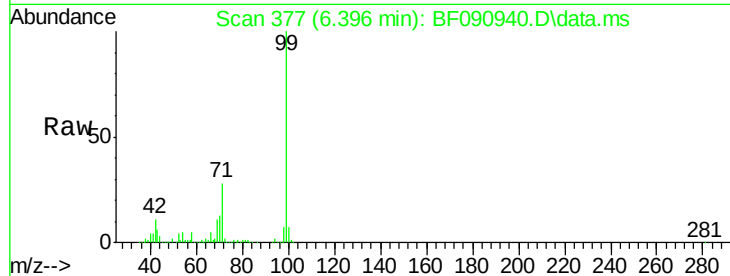
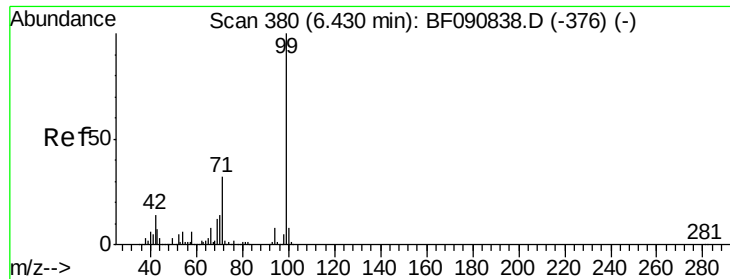
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.7	187.1
115	56.6	39.0	58.4



#5
 2-Fluorophenol
 Concen: 140.75 ng
 RT: 5.344 min Scan# 285
 Delta R.T. -0.011 min
 Lab File: BF090940.D
 Acq: 31 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	39.7	59.5#
63	30.2	17.4	26.0#





#7

Phenol-d6

Concen: 133.10 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

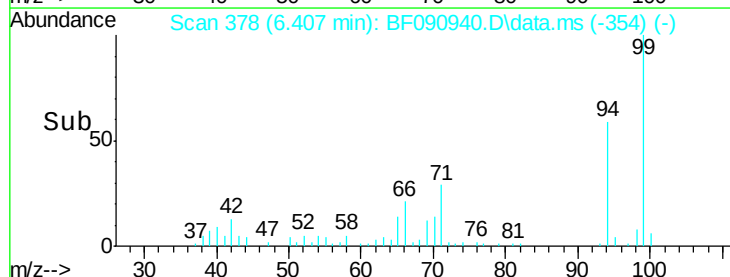
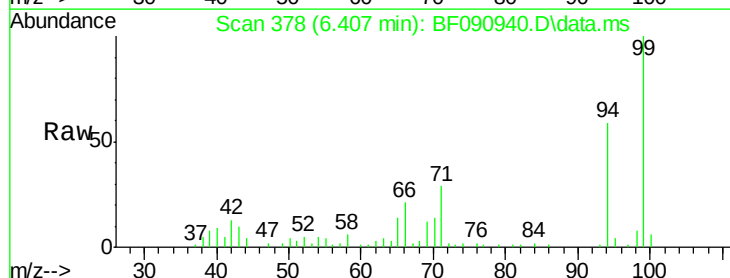
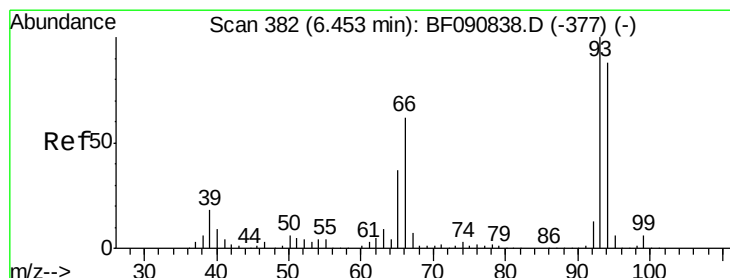
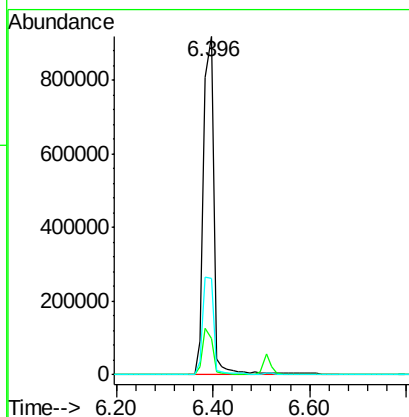
Tot Ion: 99 Resp: 1357410

Ion Ratio Lower Upper

99 100

42 10.7 13.7 20.5#

71 28.4 14.2 21.2#



#10

Phenol

Concen: 3.41 ng

RT: 6.407 min Scan# 378

Delta R.T. -0.023 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

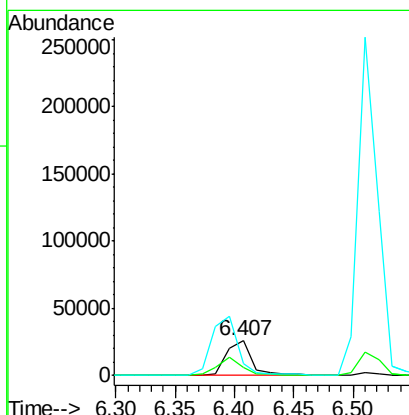
Tgt Ion: 94 Resp: 38295

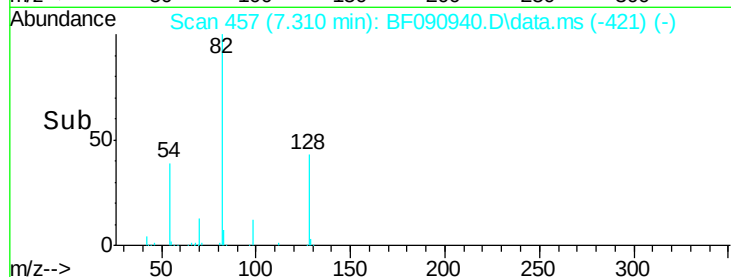
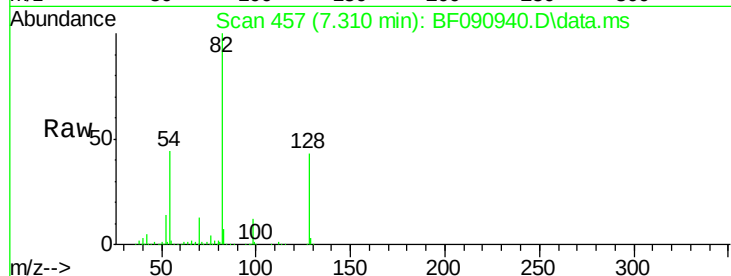
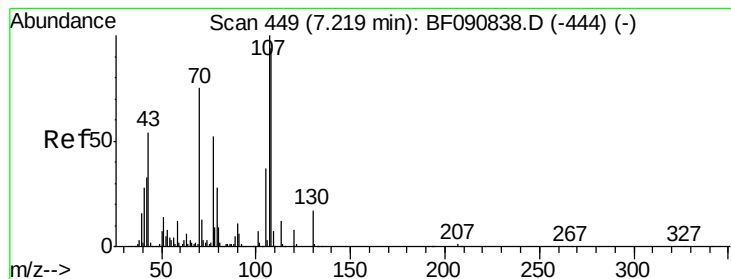
Ion Ratio Lower Upper

94 100

65 23.3 0.7 40.7

66 35.5 0.8 40.8





#19

n-Nitroso-di-n-propylamine

Concen: 14.94 ng

RT: 7.310 min Scan# 45

Delta R.T. 0.114 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 88113

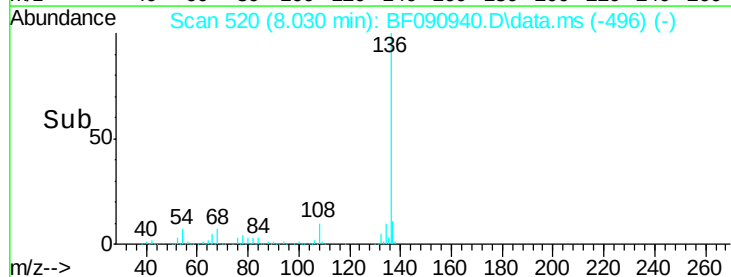
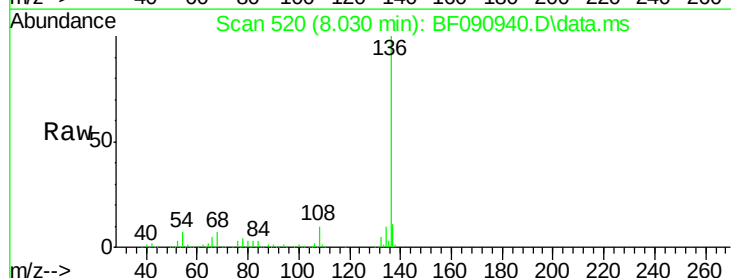
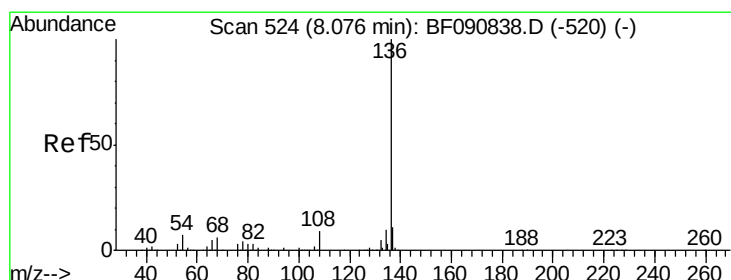
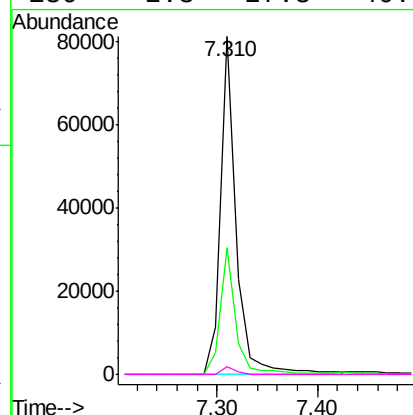
Ion Ratio Lower Upper

70 100

42 37.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.030 min Scan# 520

Delta R.T. -0.023 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

Tgt Ion:136 Resp: 527597

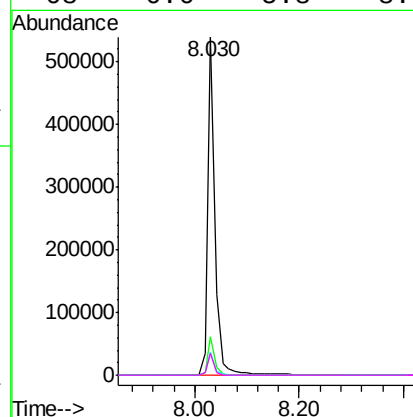
Ion Ratio Lower Upper

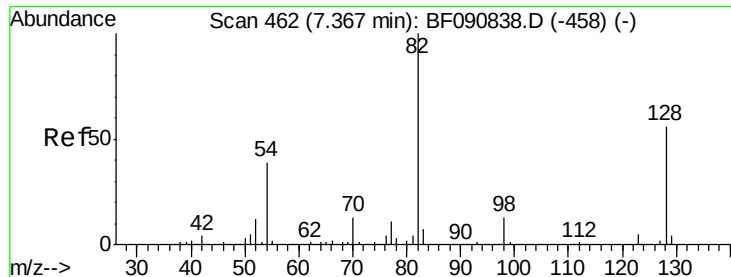
136 100

137 11.3 9.0 13.6

54 6.9 8.2 12.2#

68 6.6 5.8 8.6





#23

Nitrobenzene-d5

Concen: 85.36 ng

RT: 7.310 min Scan# 45

Delta R.T. -0.023 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

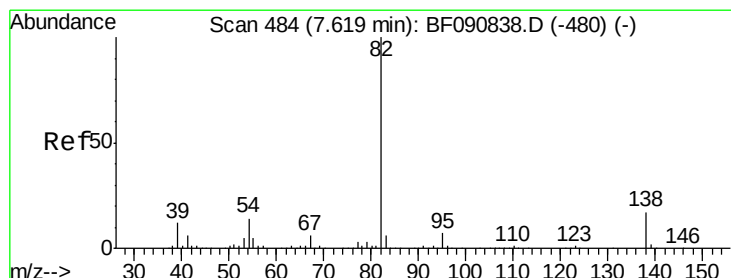
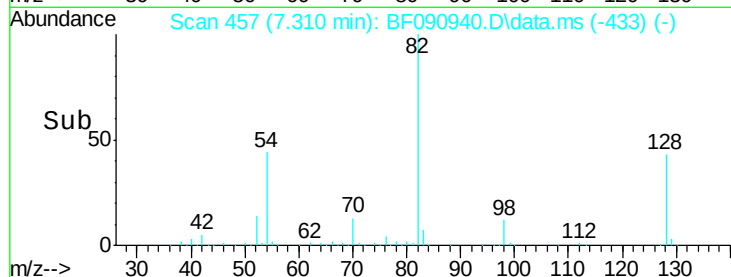
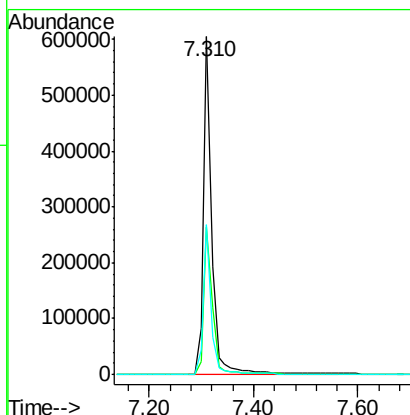
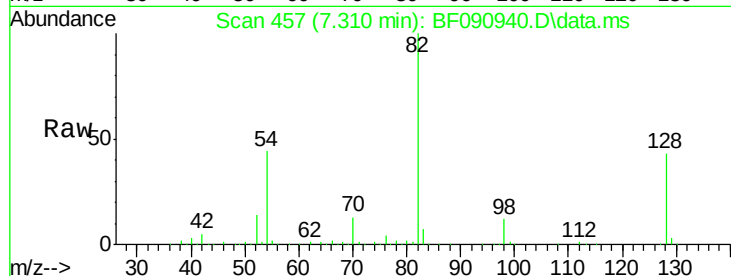
Tot Ion: 82 Resp: 687971

Ion Ratio Lower Upper

82 100

128 43.5 51.0 76.6#

54 44.3 47.5 71.3#



#25

Isophorone

Concen: 37.16 ng

RT: 7.310 min Scan# 457

Delta R.T. -0.286 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

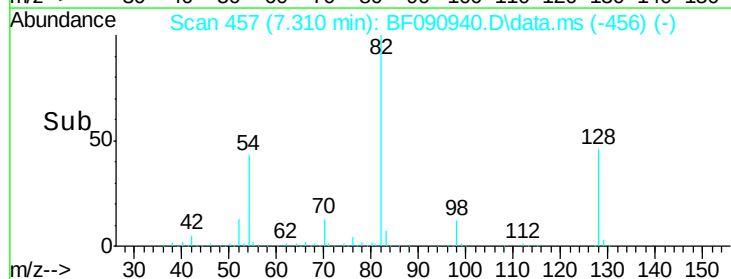
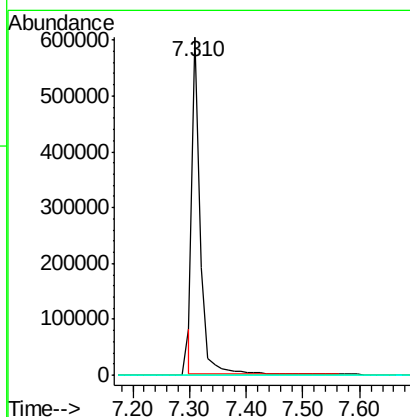
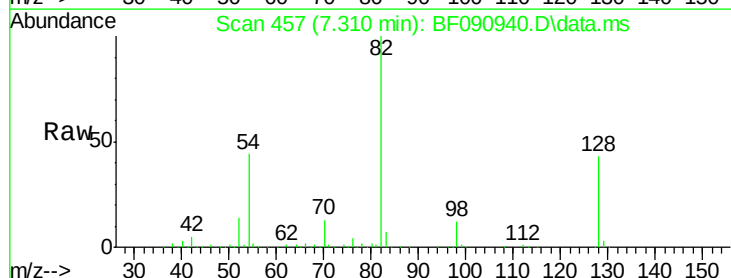
Tgt Ion: 82 Resp: 607756

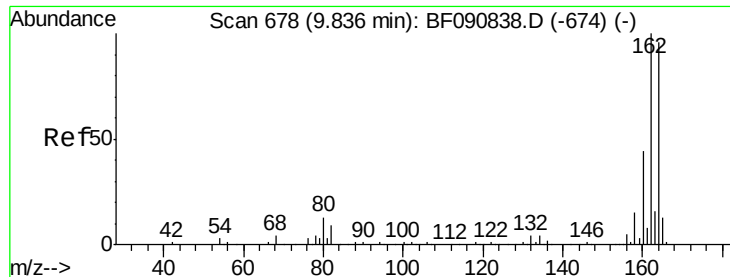
Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.779 min Scan# 67

Delta R.T. -0.034 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

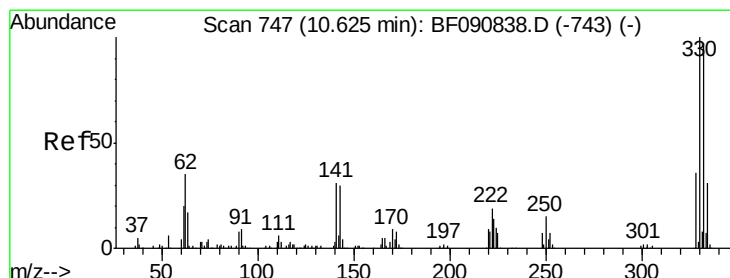
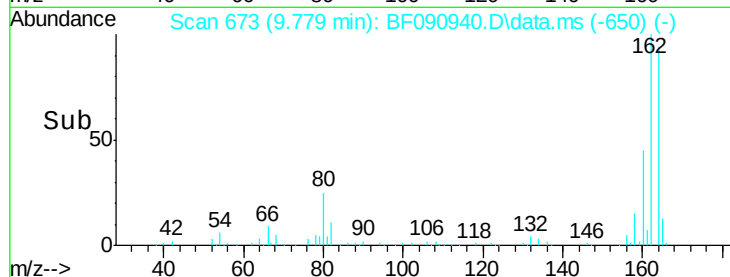
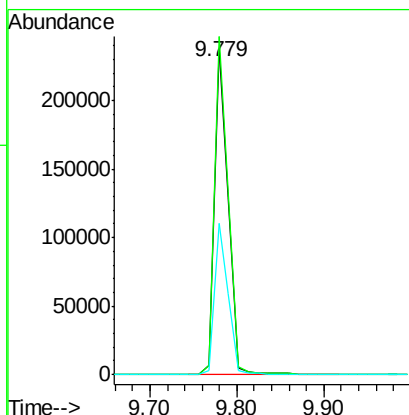
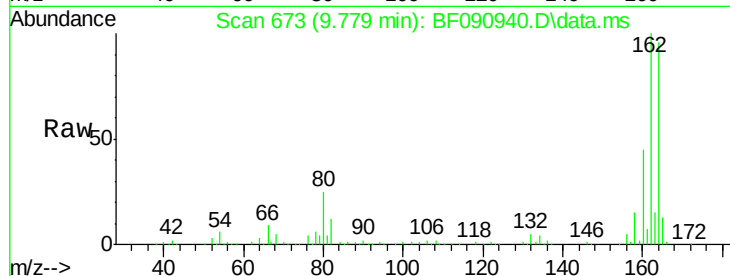
Tot Ion:164 Resp: 264280

Ion Ratio Lower Upper

164 100

162 103.9 75.2 112.8

160 46.4 31.5 47.3



#41

2,4,6-Tribromophenol

Concen: 127.28 ng

RT: 10.579 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

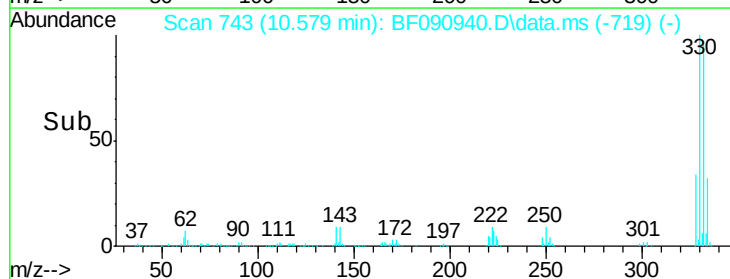
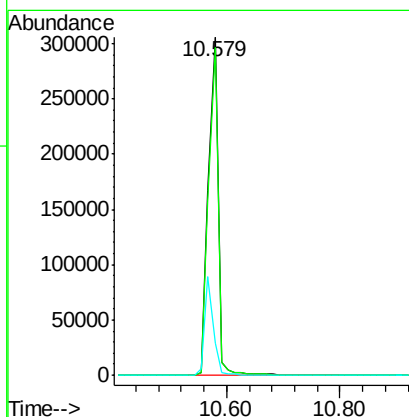
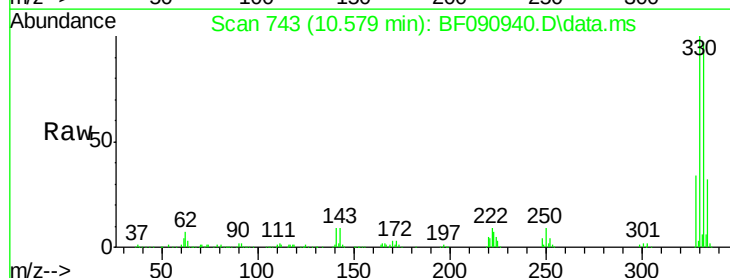
Tgt Ion:330 Resp: 345675

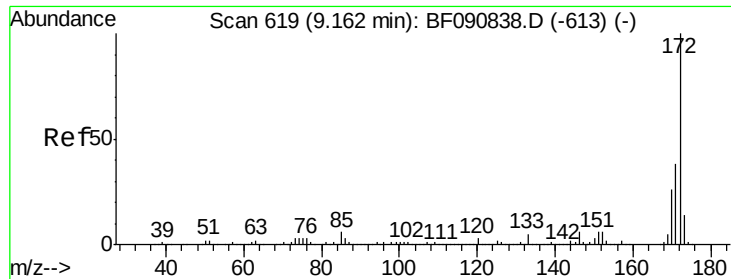
Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

141 26.1 29.7 44.5#

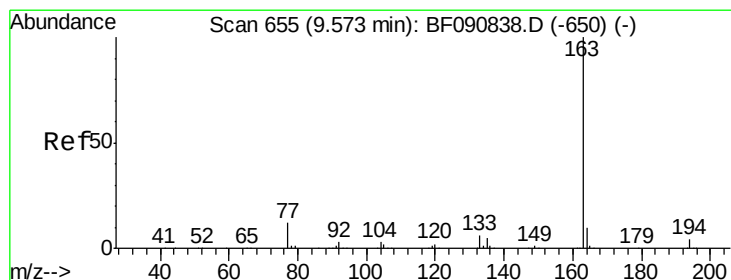
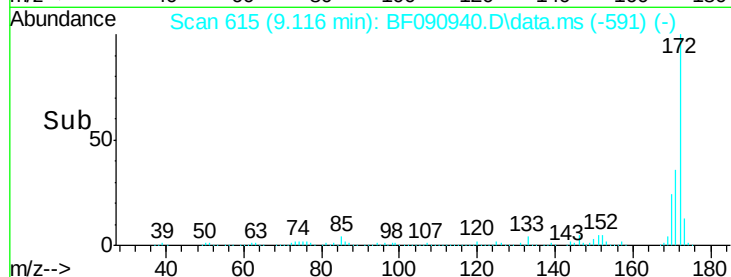
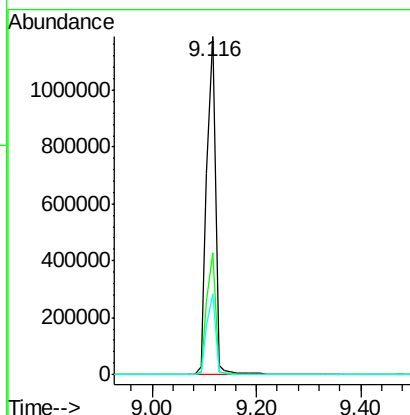
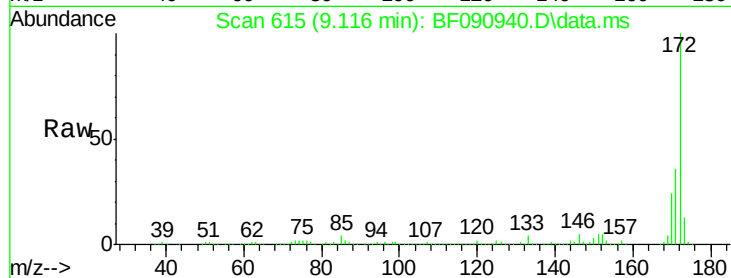




#44
2-Fluorobiphenyl
Concen: 92.02 ng
RT: 9.116 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090940.D
Acq: 31 Oct 2016 20:44

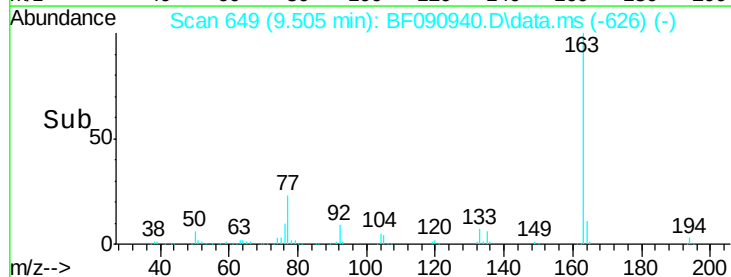
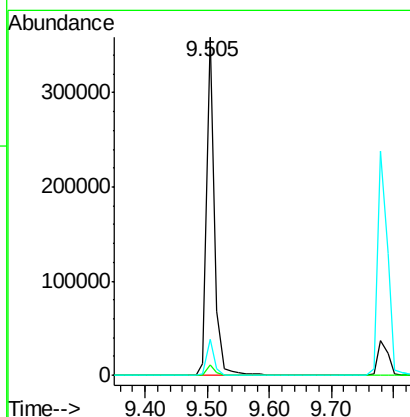
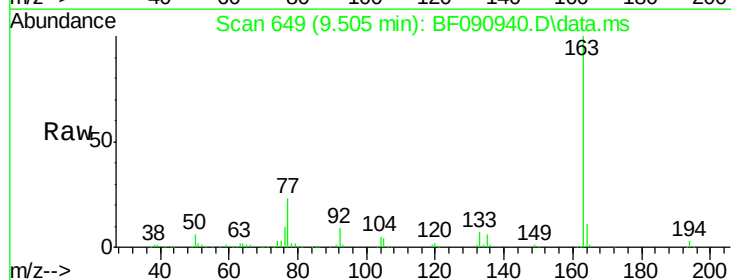
Instrument :
BNA_F
ClientSampleId :

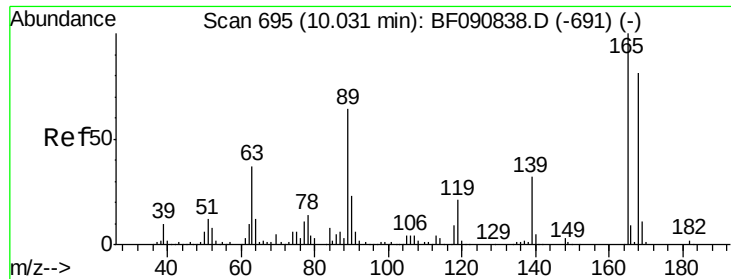
Tot Ion:172 Resp: 1384894
Ion Ratio Lower Upper
172 100
171 36.2 26.1 39.1
170 23.9 17.4 26.2



#49
Dimethylphthalate
Concen: 17.91 ng
RT: 9.505 min Scan# 649
Delta R.T. -0.034 min
Lab File: BF090940.D
Acq: 31 Oct 2016 20:44

Tgt Ion:163 Resp: 316252
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.6 8.3 12.5

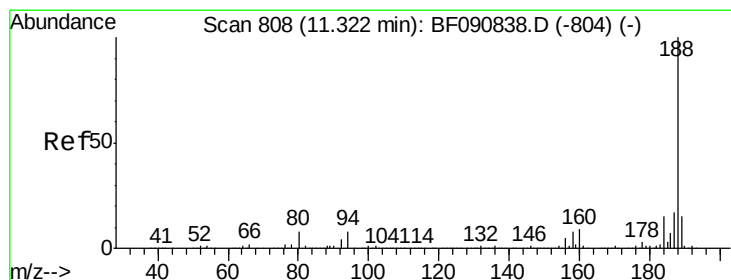
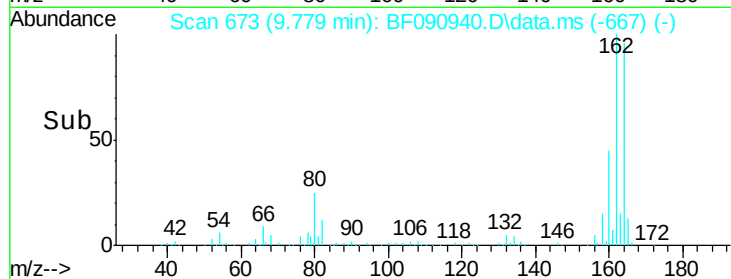
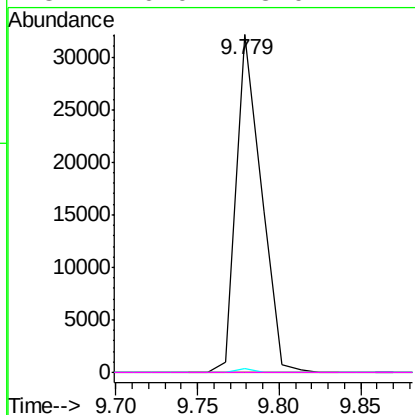
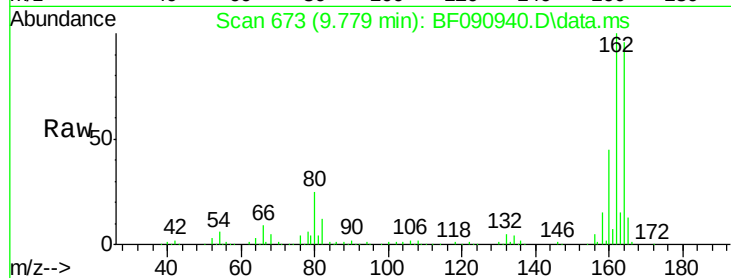




#56
 2,4-Dinitrotoluene
 Concen: 7.03 ng
 RT: 9.779 min Scan# 67
 Delta R.T. -0.228 min
 Lab File: BF090940.D
 Acq: 31 Oct 2016 20:44

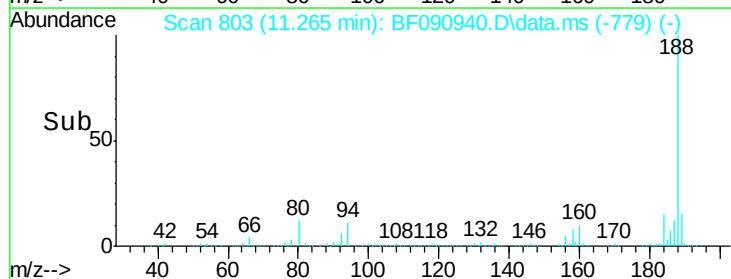
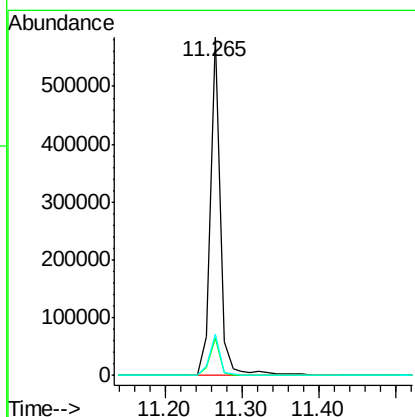
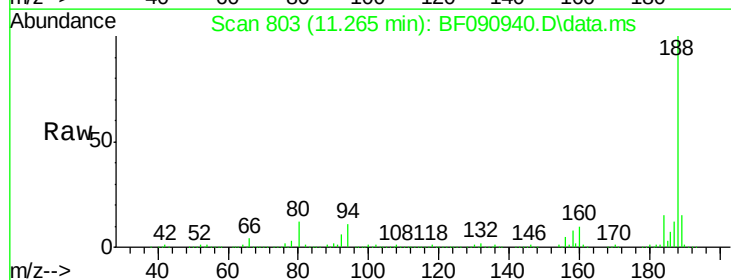
Instrument :
 BNA_F
 ClientSampleId :

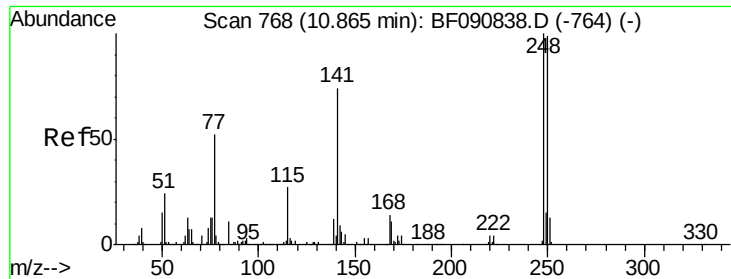
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 803
 Delta R.T. -0.023 min
 Lab File: BF090940.D
 Acq: 31 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	11.1	16.7#
80	12.1	11.0	16.4





#66

4-Bromophenyl-phenylether

Concen: 3.44 ng

RT: 10.568 min Scan# 74

Delta R.T. -0.274 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

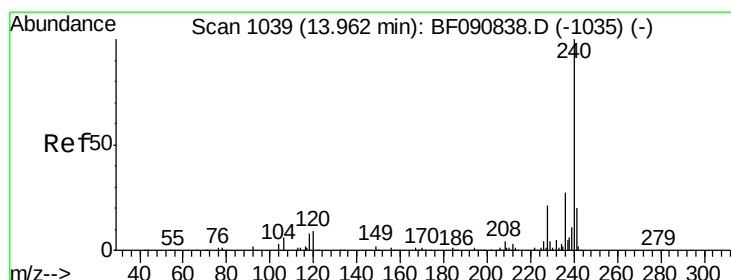
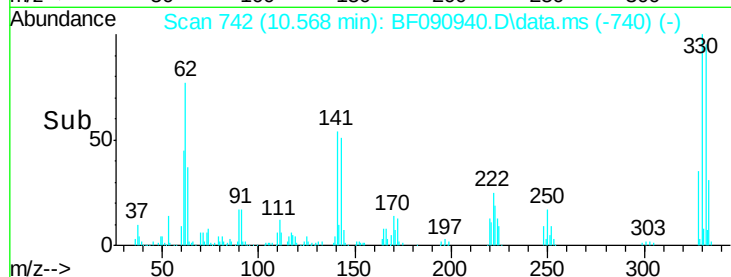
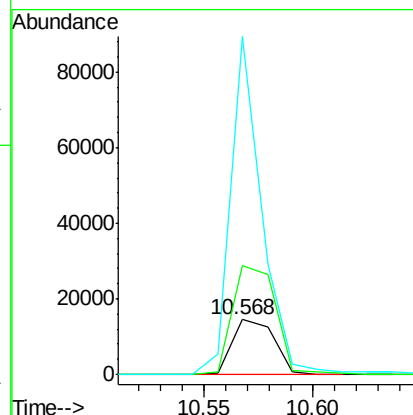
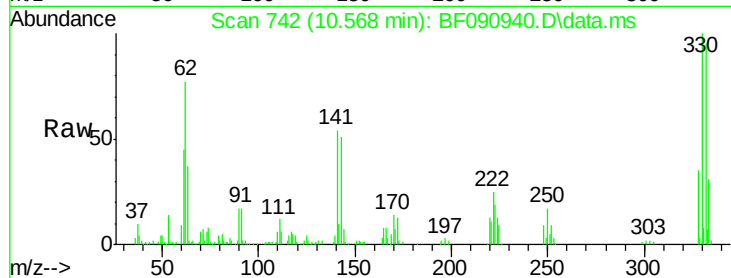
Tot Ion:248 Resp: 19389

Ion Ratio Lower Upper

248 100

250 198.5 78.5 117.7#

141 615.4 59.0 88.6#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.894 min Scan# 1033

Delta R.T. -0.034 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

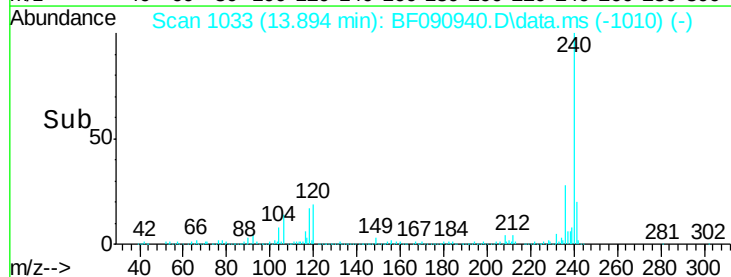
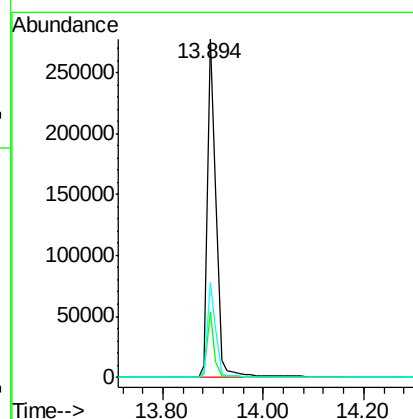
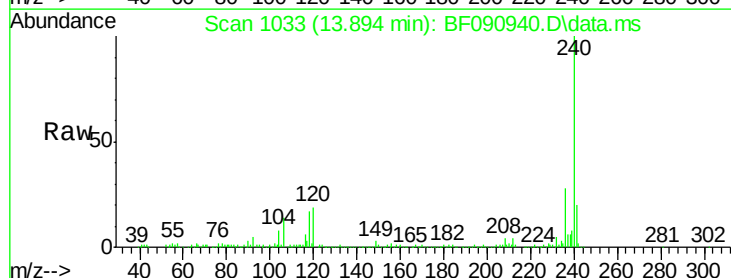
Tgt Ion:240 Resp: 331750

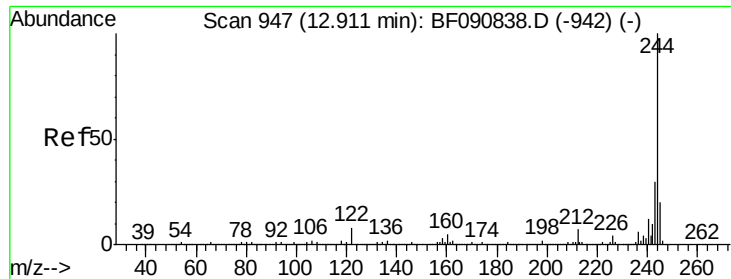
Ion Ratio Lower Upper

240 100

120 19.3 16.2 24.2

236 27.9 18.4 27.6#





#78

Terphenyl-d14

Concen: 108.28 ng

RT: 12.854 min Scan# 94

Delta R.T. -0.023 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

Instrument :

BNA_F

ClientSampled :

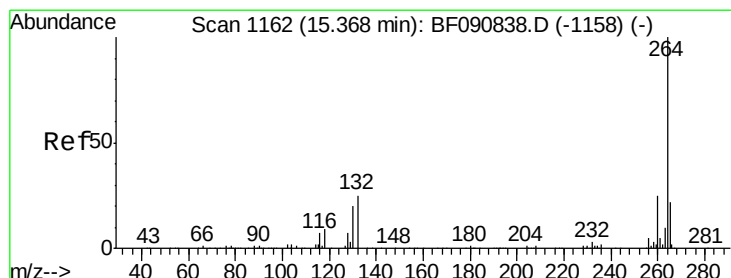
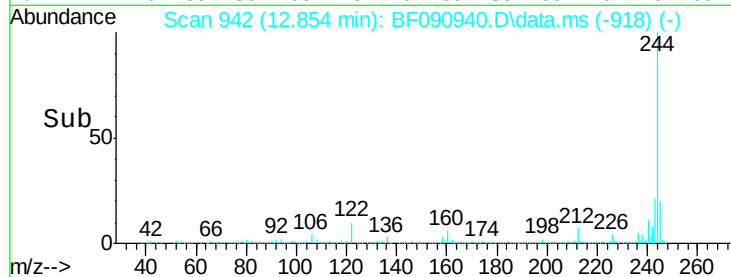
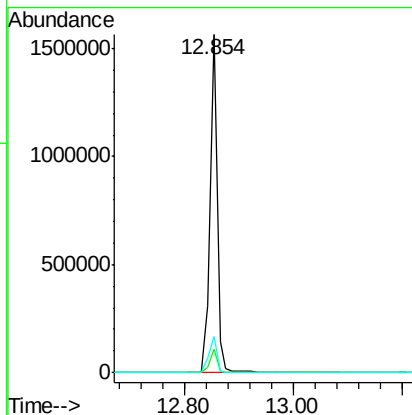
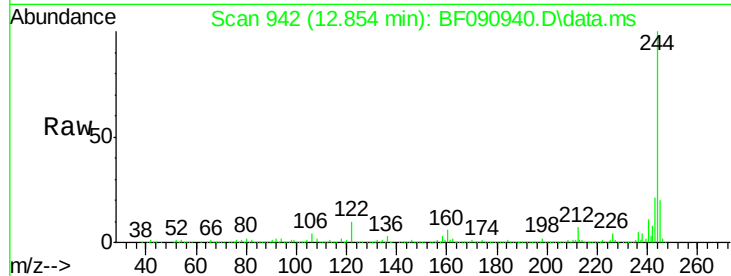
Tot Ion:244 Resp: 1425829

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

122 10.5 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.299 min Scan# 1156

Delta R.T. -0.034 min

Lab File: BF090940.D

Acq: 31 Oct 2016 20:44

Tgt Ion:264 Resp: 265899

Ion Ratio Lower Upper

264 100

260 24.8 16.7 25.1

265 21.6 17.2 25.8

