

Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
 Data File : BF091021.D
 Acq On : 4 Nov 2016 13:56
 Operator : UM/SJ
 Sample : H5526-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 15:04:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

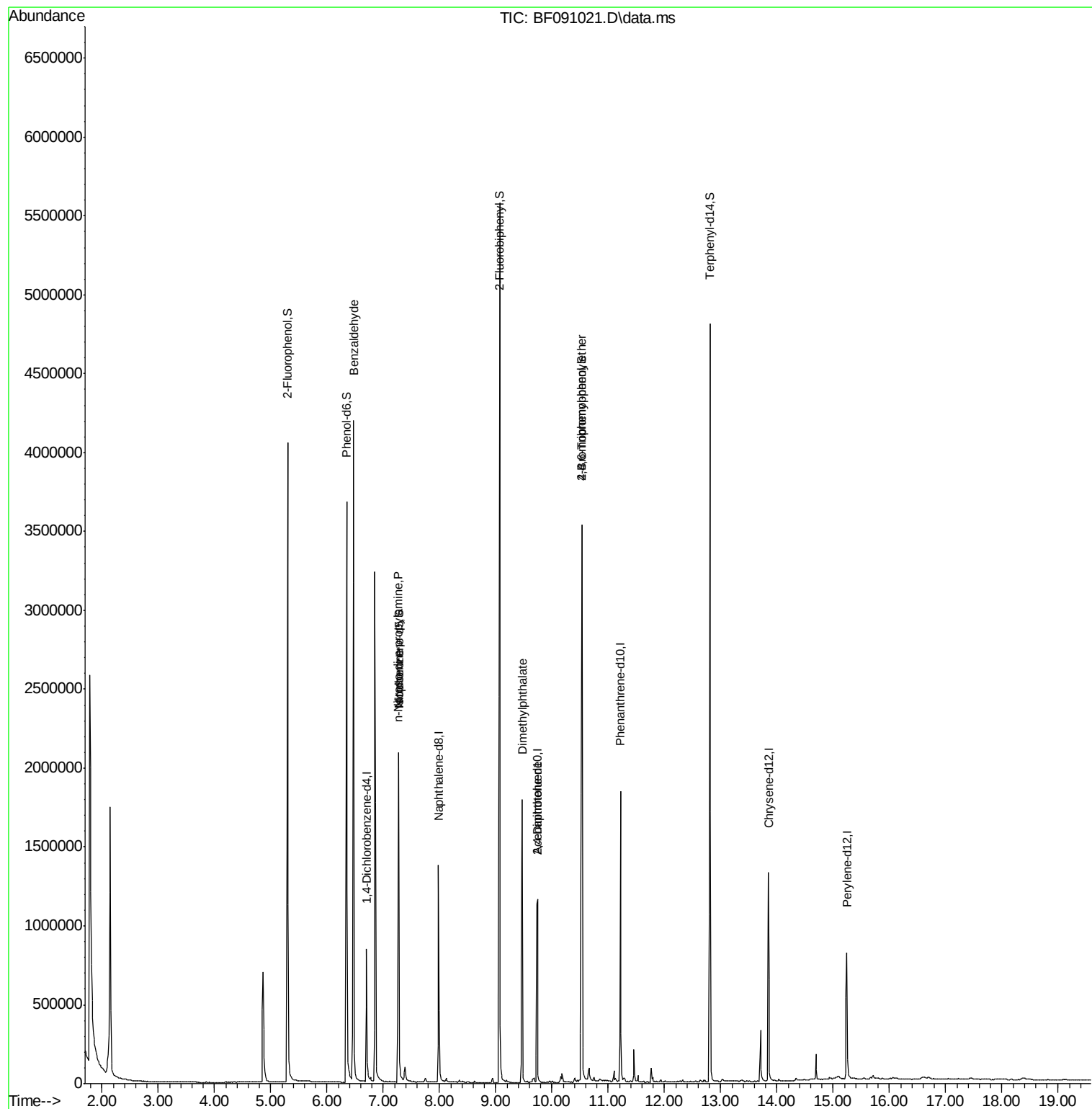
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.704	152	173138	20.00	ng	0.00
21) Naphthalene-d8	7.984	136	732461	20.00	ng	-0.01
38) Acenaphthene-d10	9.745	164	397564	20.00	ng	0.00
63) Phenanthrene-d10	11.219	188	651523	20.00	ng	-0.01
75) Chrysene-d12	13.848	240	502299	20.00	ng	-0.01
86) Perylene-d12	15.242	264	363404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1418452	135.31	ng	0.01
7) Phenol-d6	6.350	99	1777829	124.94	ng	0.00
23) Nitrobenzene-d5	7.276	82	1226559	91.35	ng	0.00
41) 2,4,6-Tribromophenol	10.533	330	527001	146.62	ng	0.00
44) 2-Fluorobiphenyl	9.070	172	2029133	87.87	ng	0.00
78) Terphenyl-d14	12.808	244	1825255	90.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.476	77	35858	4.54	ng	93
19) n-Nitroso-di-n-propyla...	7.264	70	162534	16.48	ng	# 77
25) Isophorone	7.276	82	1103257	42.64	ng	# 67
49) Dimethylphthalate	9.470	163	866105	33.22	ng	99
56) 2,4-Dinitrotoluene	9.745	165	50477	7.10	ng	# 26
66) 4-Bromophenyl-phenylether	10.533	248	37194	5.49	ng	# 1

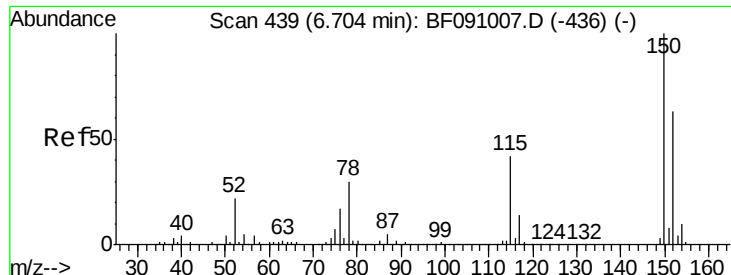
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.704 min Scan# 43

Delta R.T. -0.000 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

Instrument :

BNA_F

ClientSampleId :

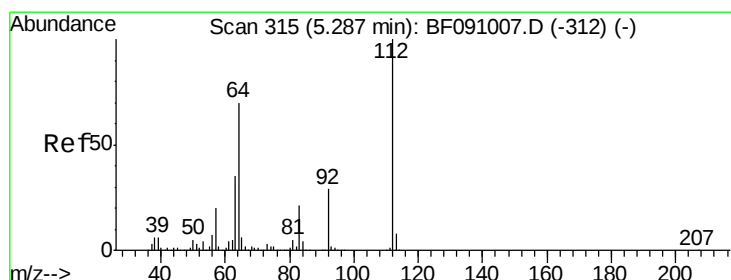
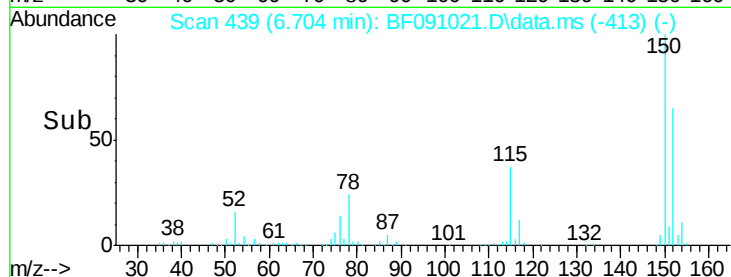
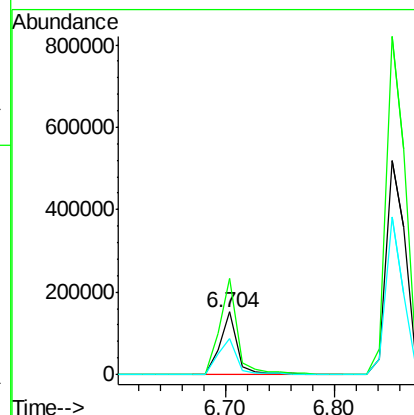
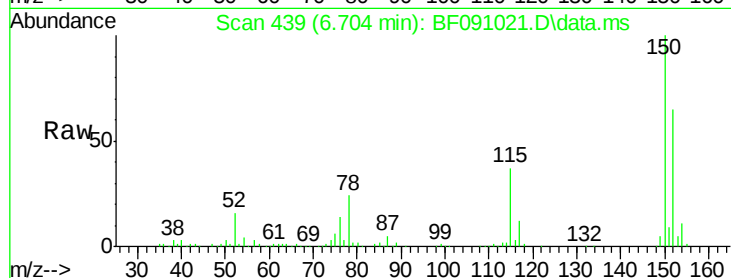
Tot Ion:152 Resp: 173138

Ion Ratio Lower Upper

152 100

150 152.8 126.8 190.2

115 57.0 53.3 79.9



#5

2-Fluorophenol

Concen: 135.31 ng

RT: 5.298 min Scan# 316

Delta R.T. 0.011 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

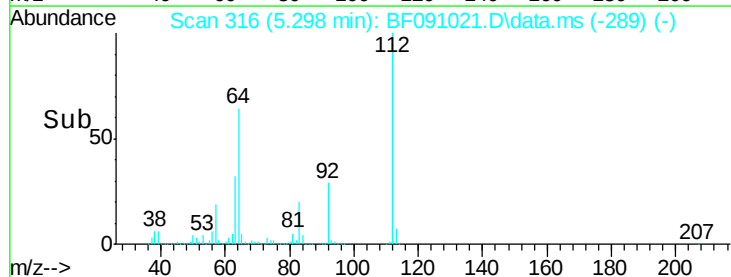
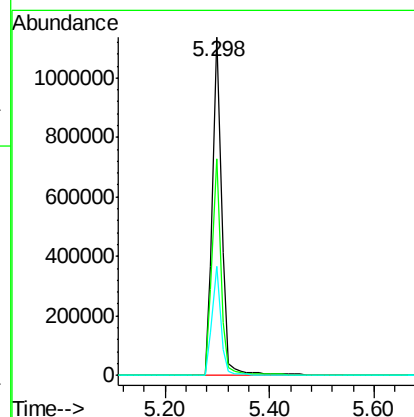
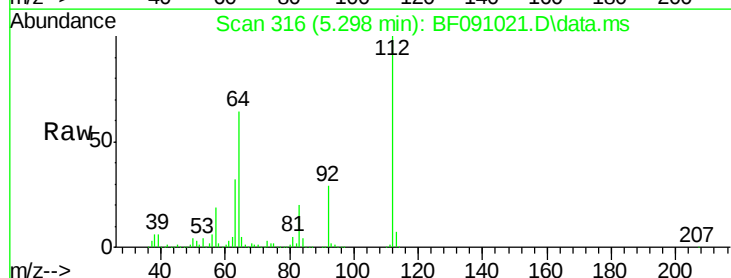
Tgt Ion:112 Resp: 1418452

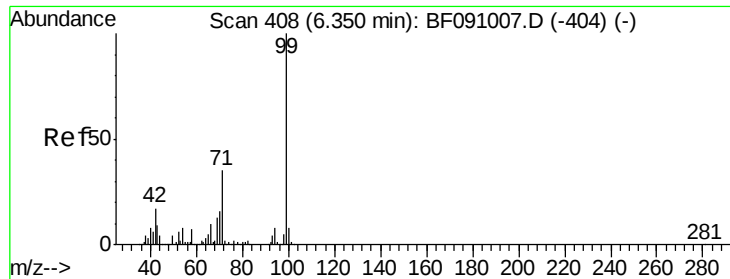
Ion Ratio Lower Upper

112 100

64 63.9 55.8 83.6

63 32.2 28.0 42.0





#7

Phenol-d6

Concen: 124.94 ng

RT: 6.350 min Scan# 408

Delta R.T. -0.000 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

Instrument :

BNA_F

ClientSampleId :

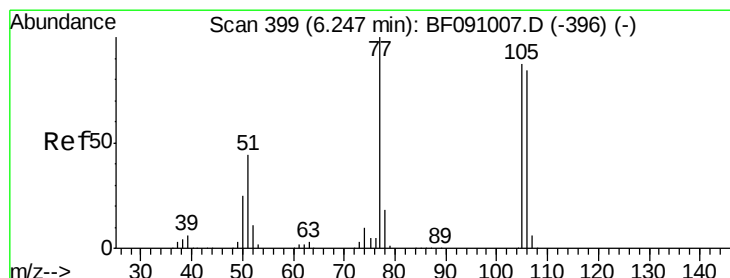
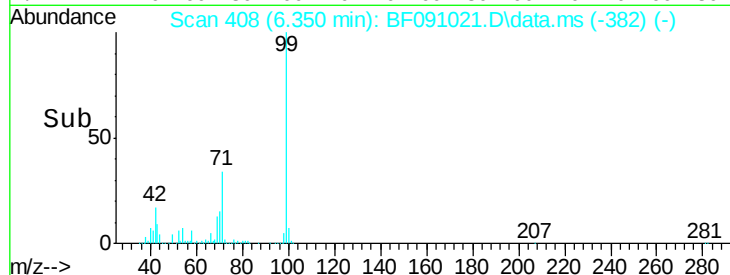
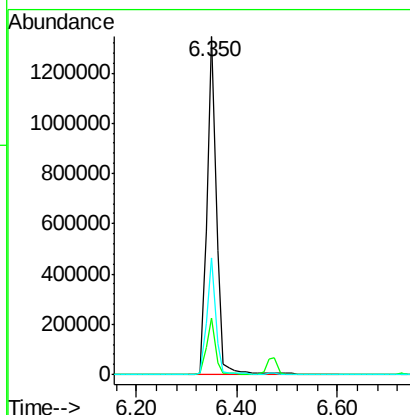
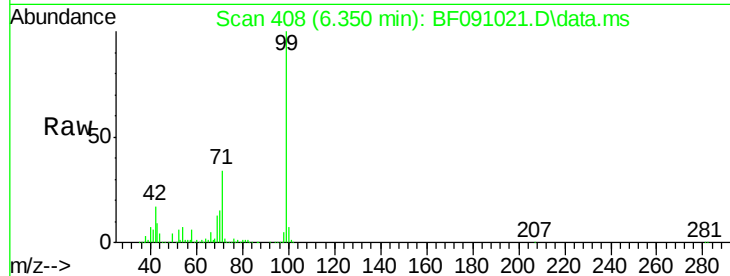
Tot Ion: 99 Resp: 1777829

Ion Ratio Lower Upper

99 100

42 16.8 13.9 20.9

71 34.4 27.8 41.8



#9

Benzaldehyde

Concen: 4.54 ng

RT: 6.476 min Scan# 419

Delta R.T. 0.229 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

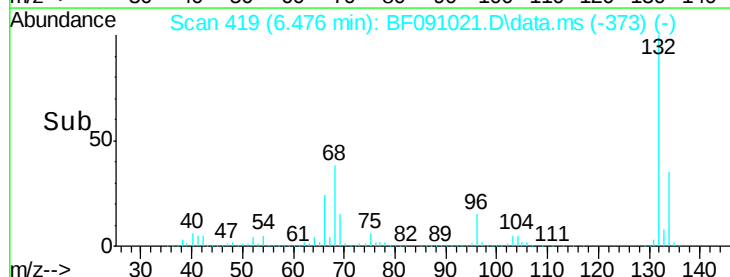
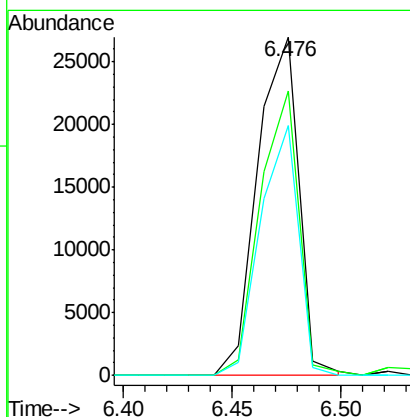
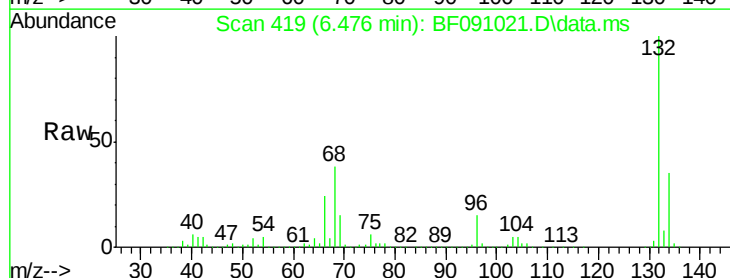
Tgt Ion: 77 Resp: 35858

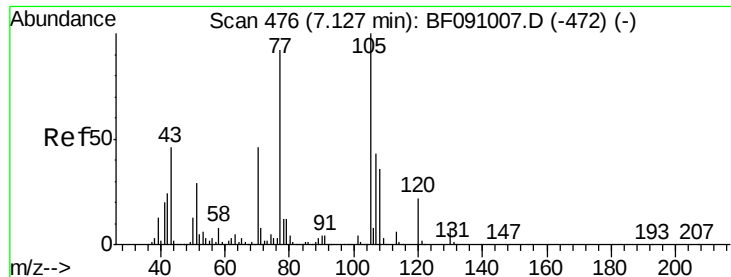
Ion Ratio Lower Upper

77 100

105 84.1 66.8 106.8

106 73.9 64.0 104.0

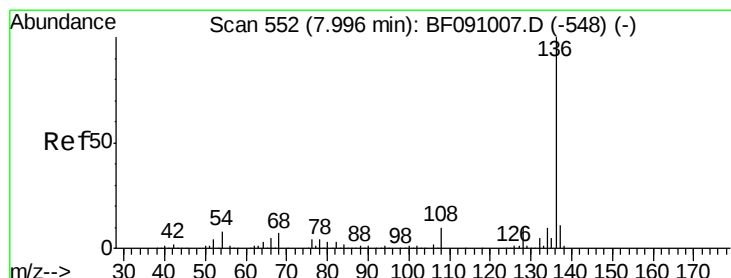
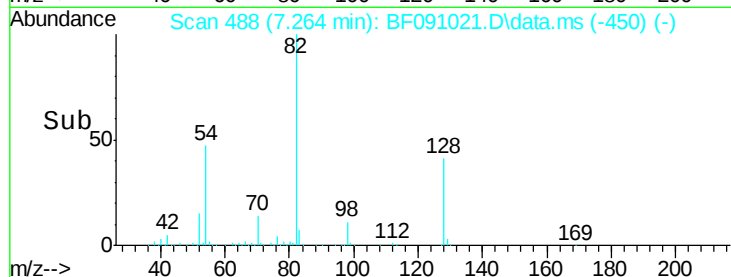
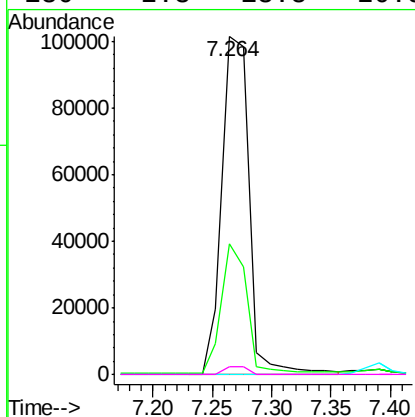
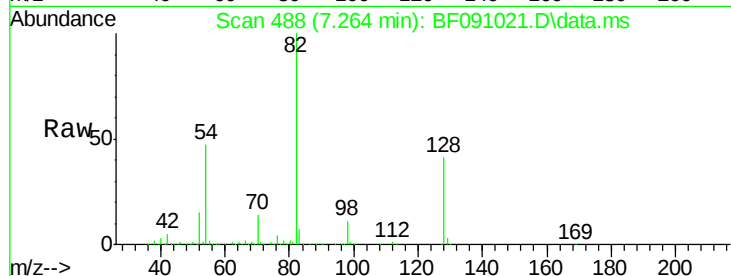




#19
n-Nitroso-di-n-propylamine
Concen: 16.48 ng
RT: 7.264 min Scan# 48
Delta R.T. 0.137 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

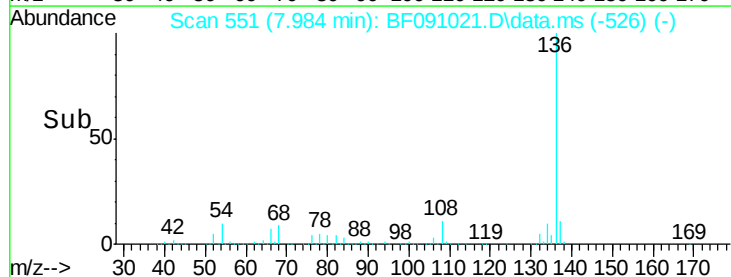
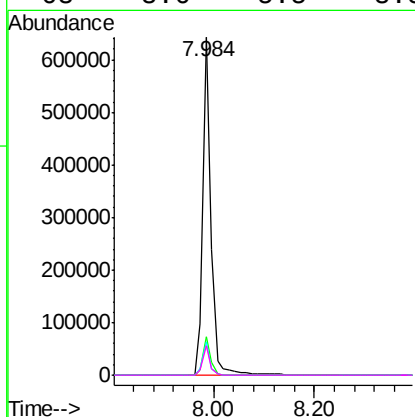
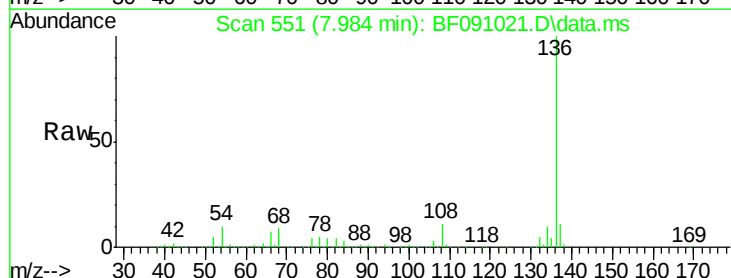
Instrument :
BNA_F
ClientSampleId :

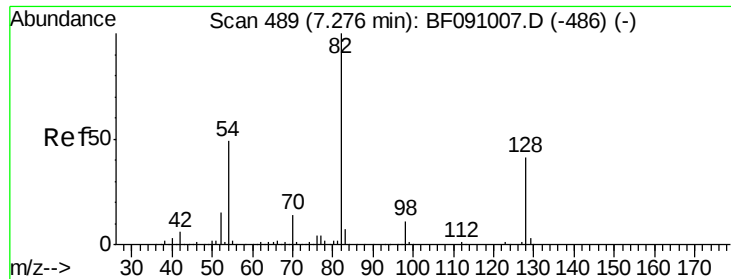
Tot Ion: 70 Resp: 162534
Ion Ratio Lower Upper
70 100
42 38.6 41.7 62.5#
101 0.0 6.7 10.1#
130 2.3 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.984 min Scan# 551
Delta R.T. -0.011 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

Tgt Ion: 136 Resp: 732461
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.0 6.2 9.2#
68 8.6 5.5 8.3#

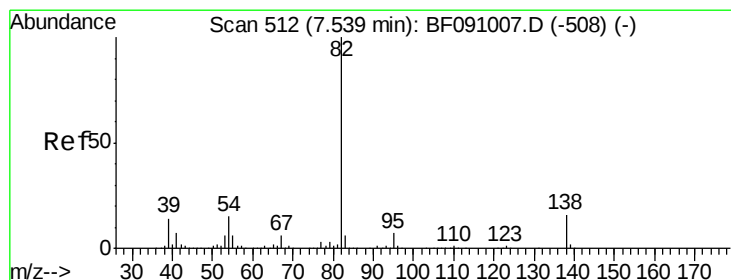
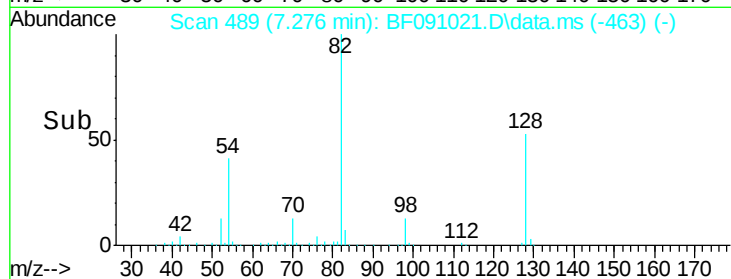
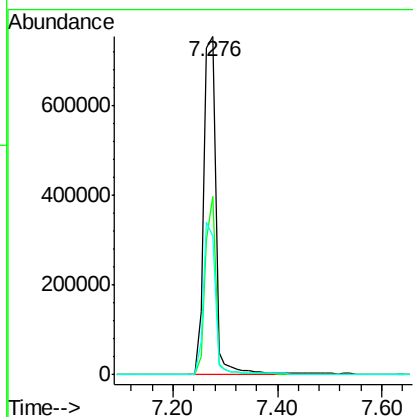
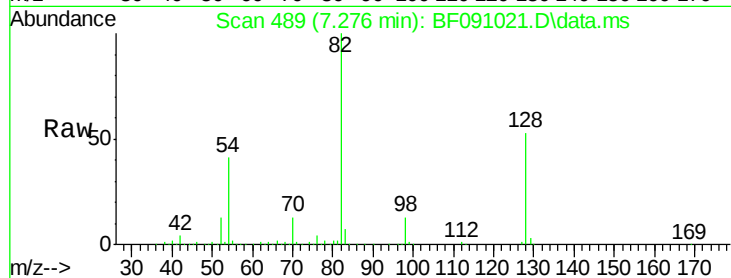




#23
Nitrobenzene-d5
Concen: 91.35 ng
RT: 7.276 min Scan# 489
Delta R.T. -0.000 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

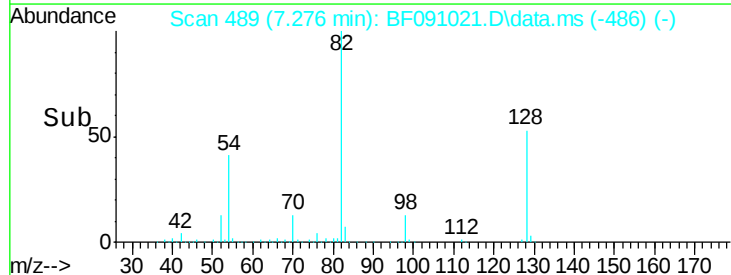
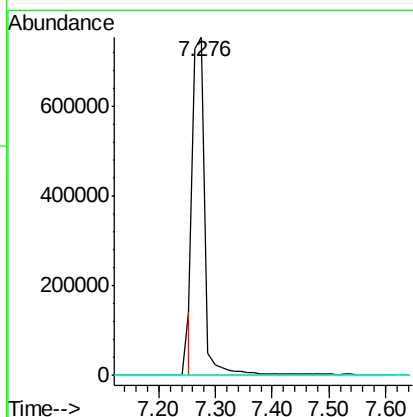
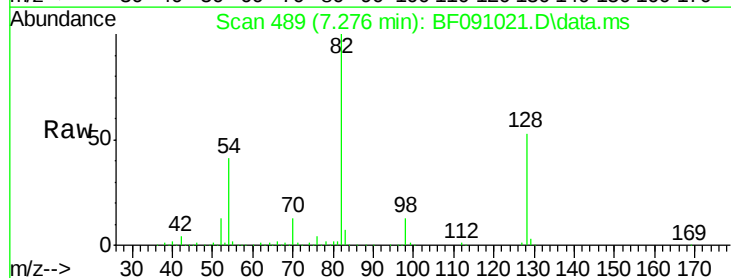
Instrument :
BNA_F
ClientSampleId :

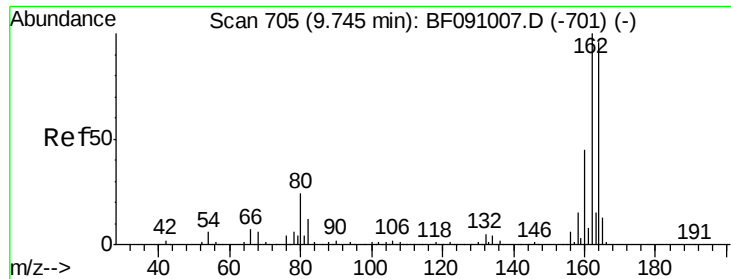
Tot Ion: 82 Resp: 1226559
Ion Ratio Lower Upper
82 100
128 52.8 32.4 48.6#
54 40.8 39.2 58.8



#25
Isophorone
Concen: 42.64 ng
RT: 7.276 min Scan# 489
Delta R.T. -0.263 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

Tgt Ion: 82 Resp: 1103257
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#

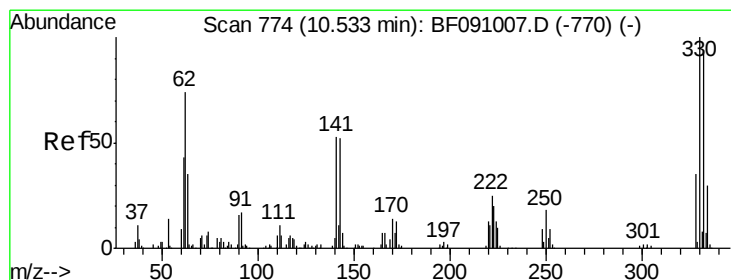
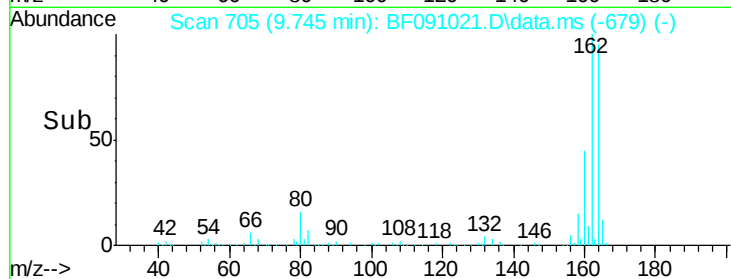
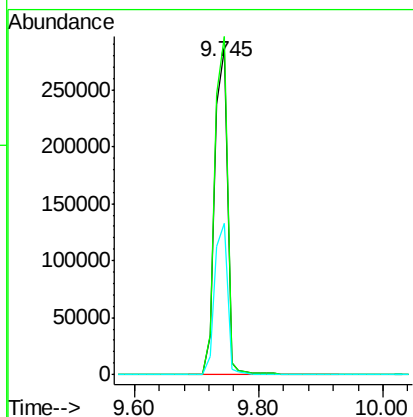
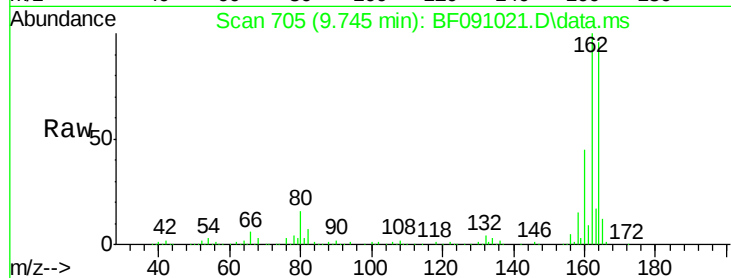




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

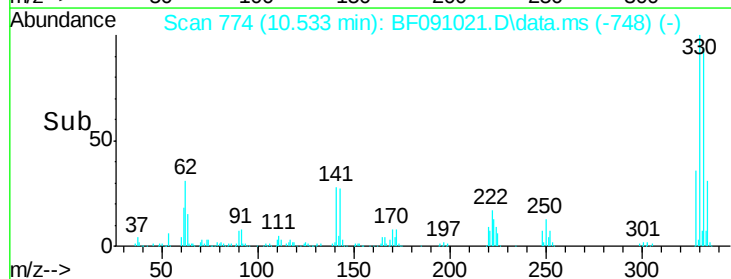
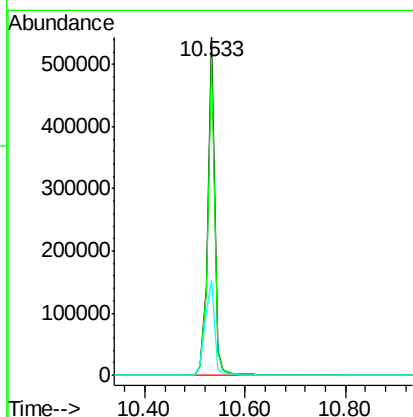
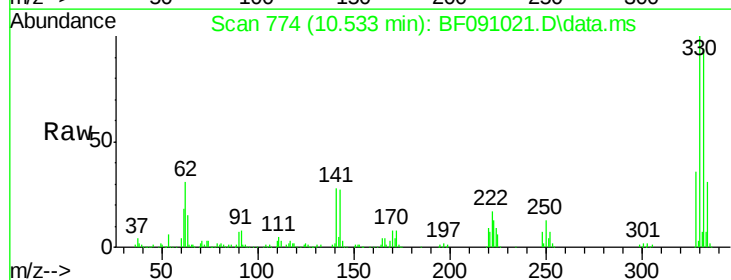
Instrument :
BNA_F
ClientSampleId :

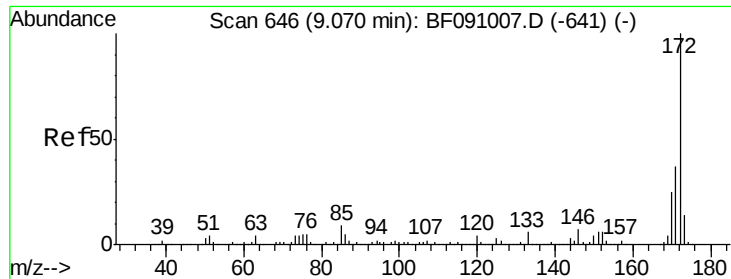
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.6	125.4
160	46.6	37.9	56.9



#41
2,4,6-Tribromophenol
Concen: 146.62 ng
RT: 10.533 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.9	113.9
141	38.3	36.1	54.1

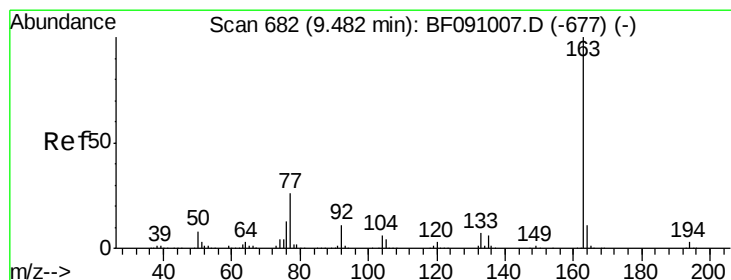
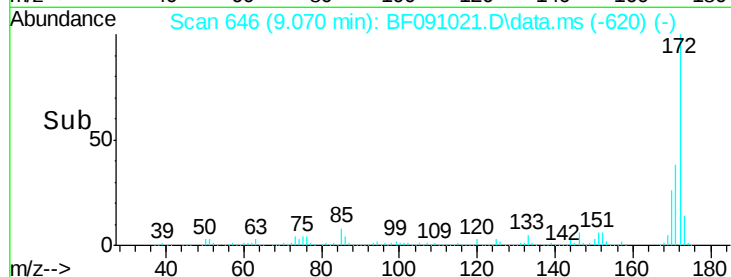
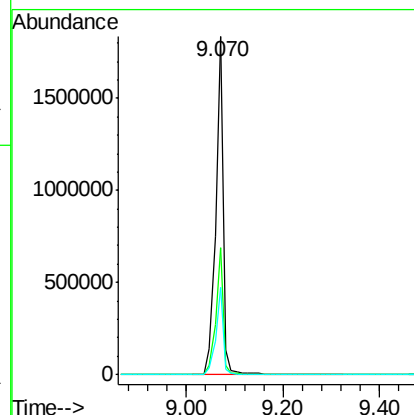
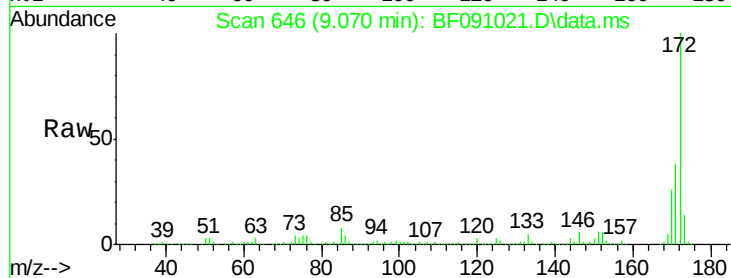




#44
2-Fluorobiphenyl
Concen: 87.87 ng
RT: 9.070 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

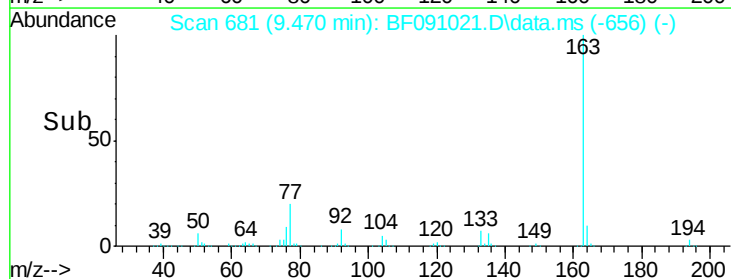
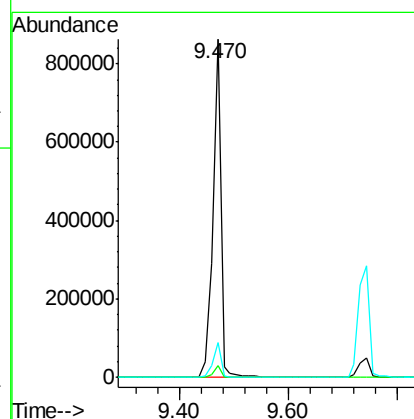
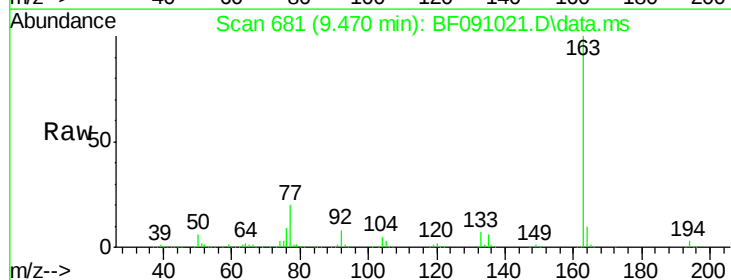
Instrument :
BNA_F
ClientSampleId :

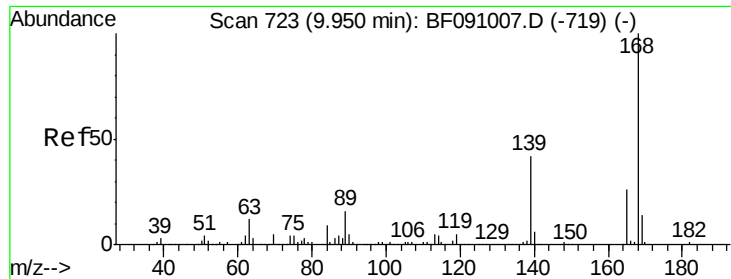
Tot Ion:172 Resp: 2029133
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.8 20.3 30.5



#49
Dimethylphthalate
Concen: 33.22 ng
RT: 9.470 min Scan# 681
Delta R.T. -0.011 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

Tgt Ion:163 Resp: 866105
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.7 13.1

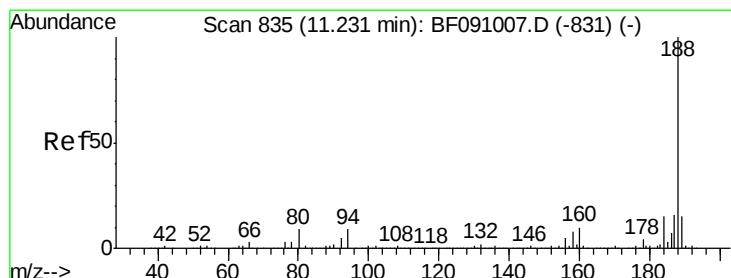
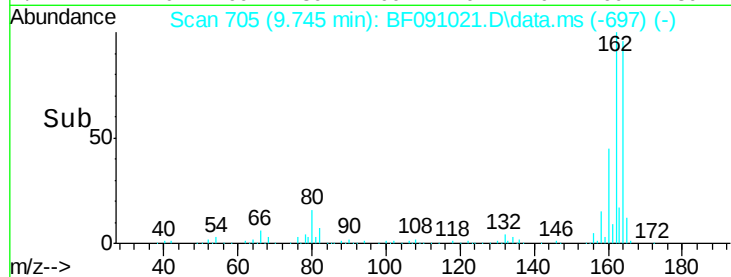
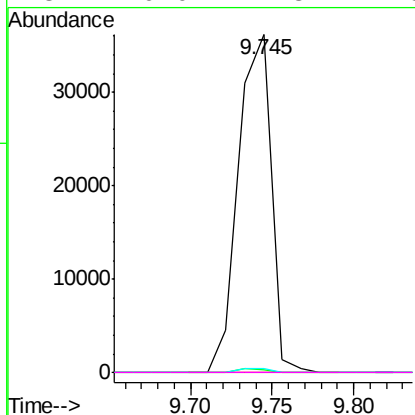
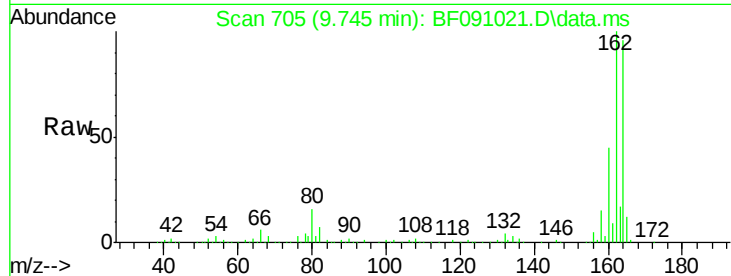




#56
 2,4-Dinitrotoluene
 Concen: 7.10 ng
 RT: 9.745 min Scan# 70
 Delta R.T. -0.206 min
 Lab File: BF091021.D
 Acq: 4 Nov 2016 13:56

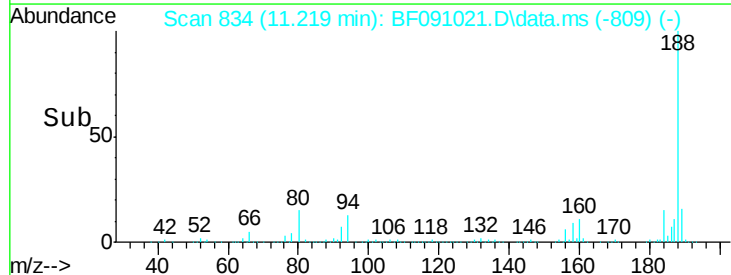
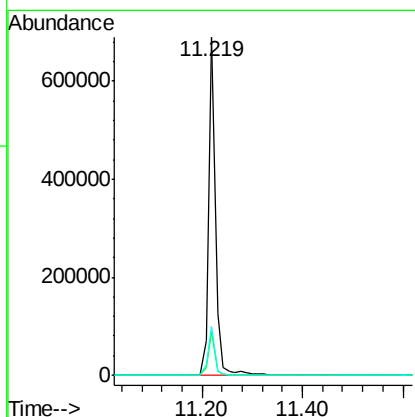
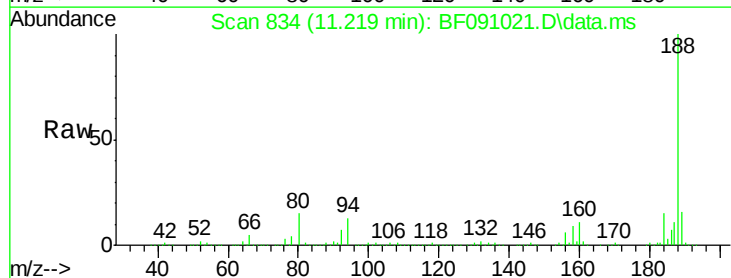
Instrument :
 BNA_F
 ClientSampleId :

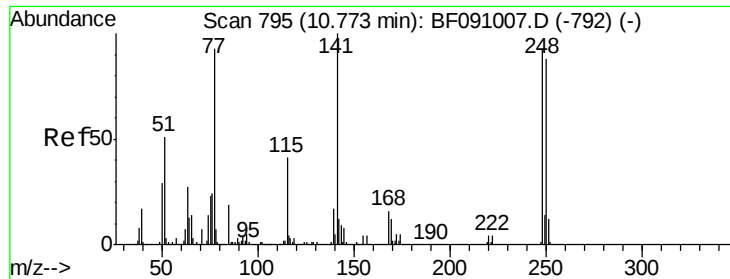
Tot Ion:165 Resp: 50477
 Ion Ratio Lower Upper
 165 100
 63 0.8 38.7 58.1#
 89 1.0 50.6 76.0#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.219 min Scan# 834
 Delta R.T. -0.011 min
 Lab File: BF091021.D
 Acq: 4 Nov 2016 13:56

Tgt Ion:188 Resp: 651523
 Ion Ratio Lower Upper
 188 100
 94 13.1 7.0 10.4#
 80 14.5 7.5 11.3#





#66

4-Bromophenyl-phenylether

Concen: 5.49 ng

RT: 10.533 min Scan# 77

Delta R.T. -0.240 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

Instrument :

BNA_F

ClientSampled :

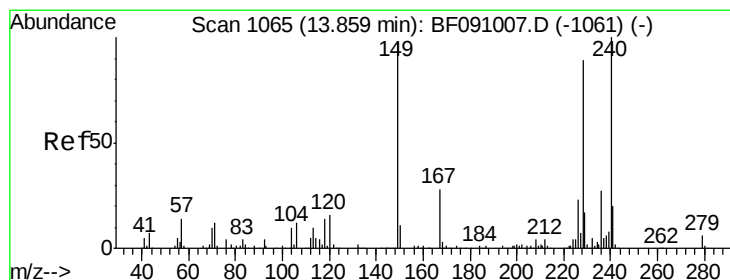
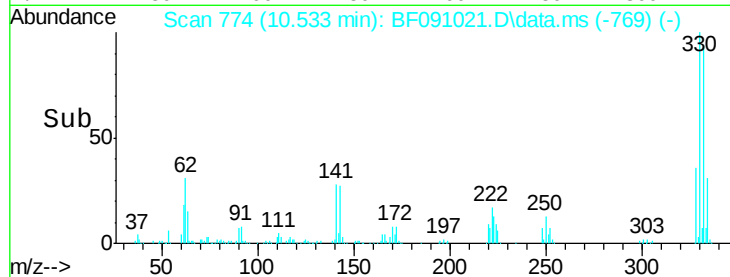
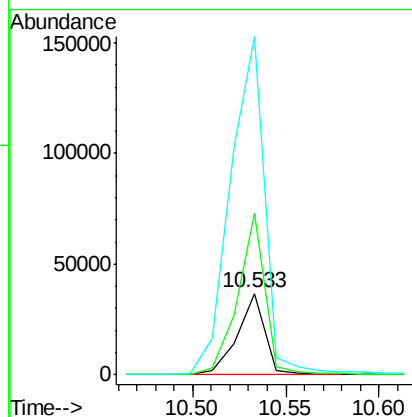
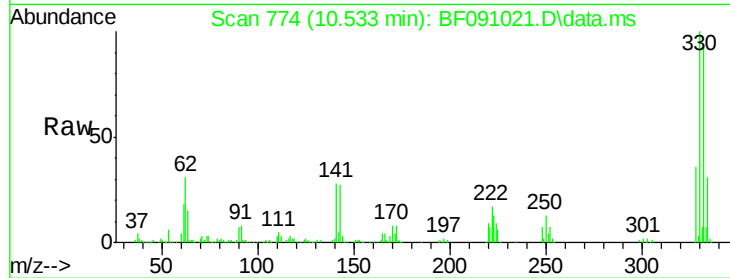
Tot Ion:248 Resp: 37194

Ion Ratio Lower Upper

248 100

250 199.5 76.3 114.5#

141 418.2 86.8 130.2#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.848 min Scan# 1064

Delta R.T. -0.011 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

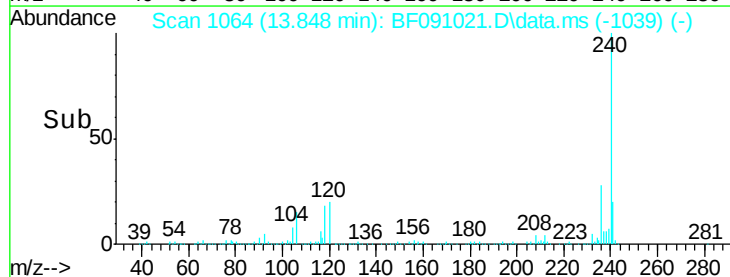
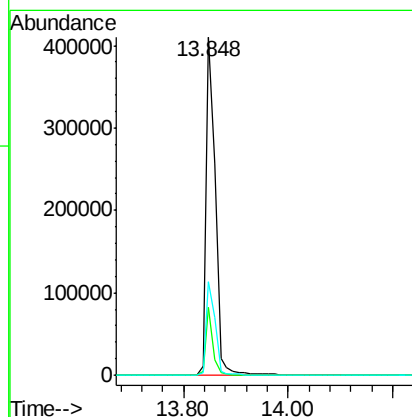
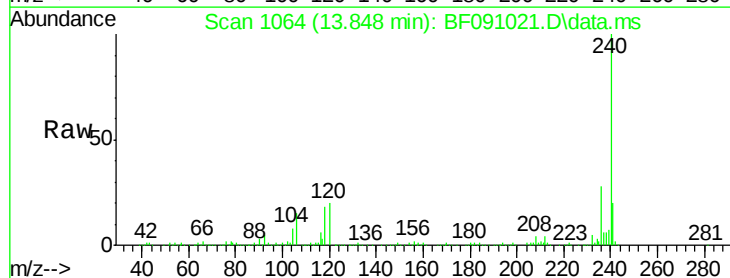
Tgt Ion:240 Resp: 502299

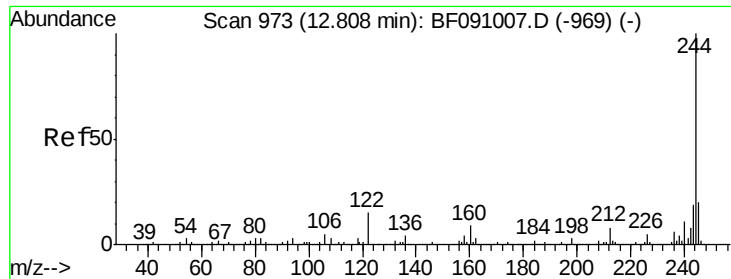
Ion Ratio Lower Upper

240 100

120 20.1 12.9 19.3#

236 27.6 21.9 32.9

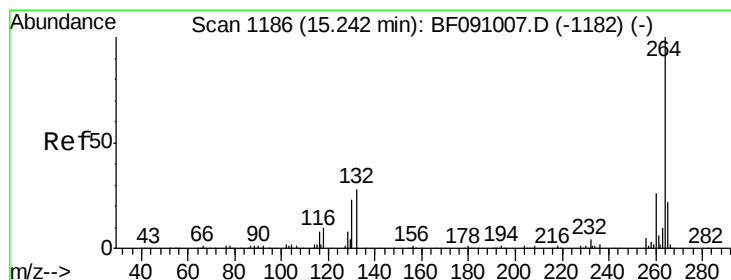
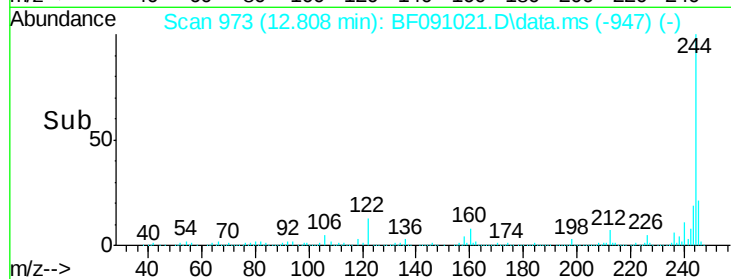
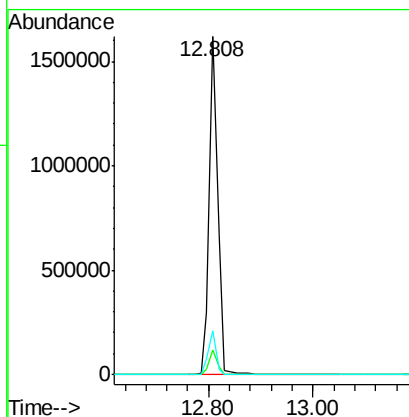
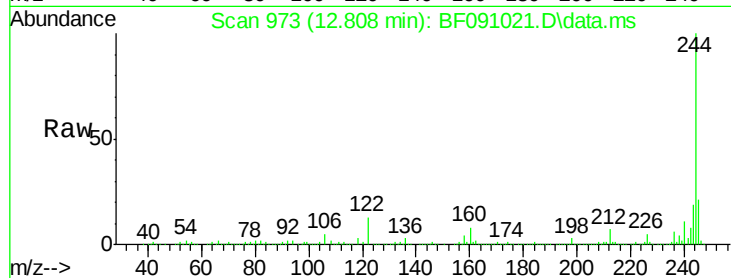




#78
 Terphenyl-d14
 Concen: 90.68 ng
 RT: 12.808 min Scan# 973
 Delta R.T. -0.000 min
 Lab File: BF091021.D
 Acq: 4 Nov 2016 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1825255
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 13.1 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.242 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: BF091021.D
 Acq: 4 Nov 2016 13:56

Tgt Ion:264 Resp: 363404
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.6 30.8
 265 21.3 17.8 26.8

