

Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
 Data File : BF091023.D
 Acq On : 4 Nov 2016 14:51
 Operator : UM/SJ
 Sample : H5526-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 15:05:17 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

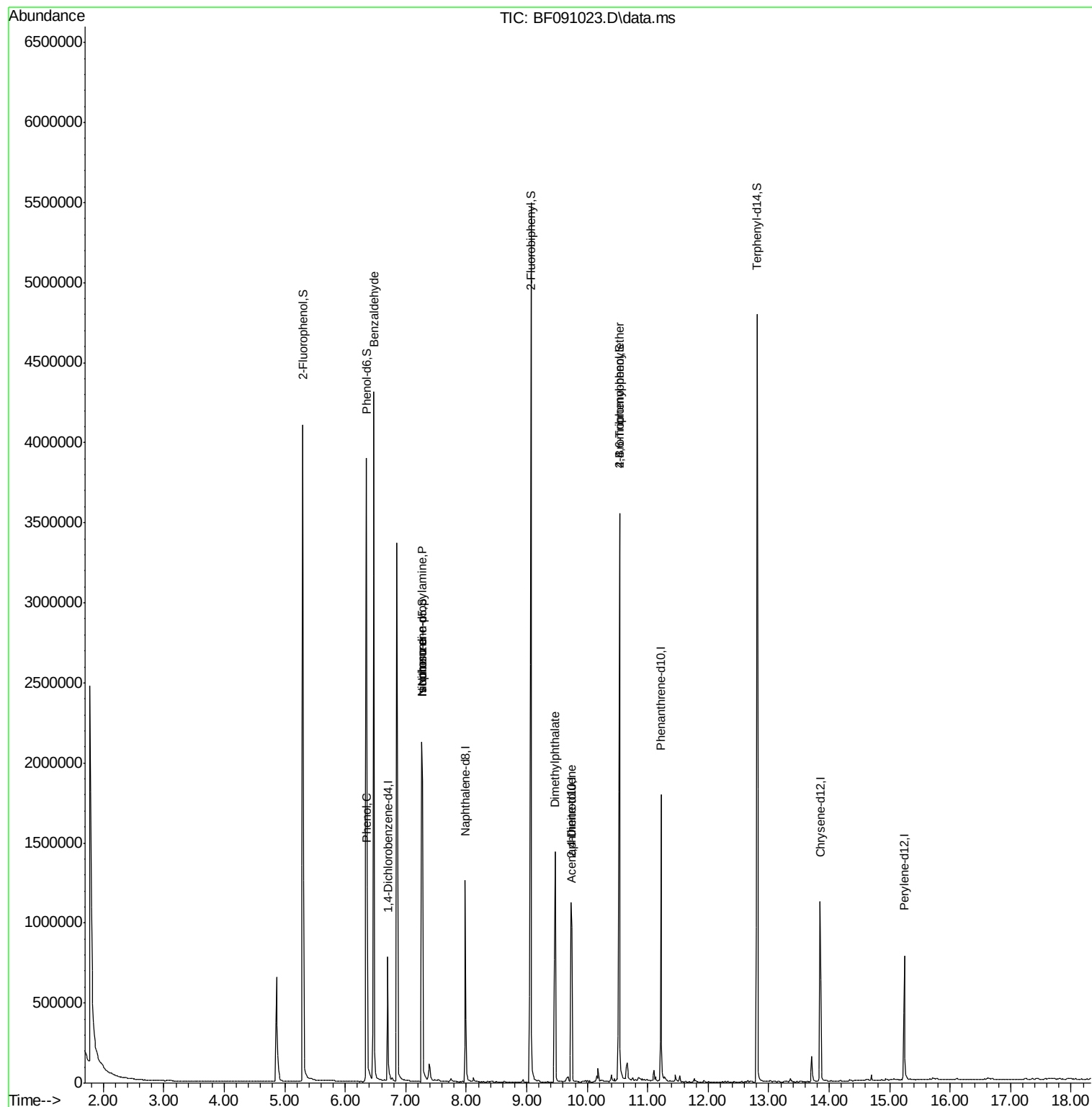
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.704	152	163826	20.00	ng	0.00
21) Naphthalene-d8	7.984	136	689726	20.00	ng	-0.01
38) Acenaphthene-d10	9.745	164	367373	20.00	ng	0.00
63) Phenanthrene-d10	11.219	188	641962	20.00	ng	-0.01
75) Chrysene-d12	13.848	240	480811	20.00	ng	-0.01
86) Perylene-d12	15.242	264	354802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1437116	144.88	ng	0.01
7) Phenol-d6	6.350	99	1831266	136.01	ng	0.00
23) Nitrobenzene-d5	7.264	82	1210296	95.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.533	330	551812	166.14	ng	0.00
44) 2-Fluorobiphenyl	9.070	172	2052813	96.20	ng	0.00
78) Terphenyl-d14	12.808	244	1868316	96.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.476	77	36382	4.87	ng	93
10) Phenol	6.361	94	29936	2.01	ng	92
19) n-Nitroso-di-n-propyla...	7.264	70	158691	17.01	ng	# 77
25) Isophorone	7.264	82	1087391	44.63	ng	# 67
49) Dimethylphthalate	9.470	163	732615	30.41	ng	98
56) 2,4-Dinitrotoluene	9.733	165	46573	7.09	ng	# 26
66) 4-Bromophenyl-phenylether	10.533	248	37876	5.67	ng	# 1

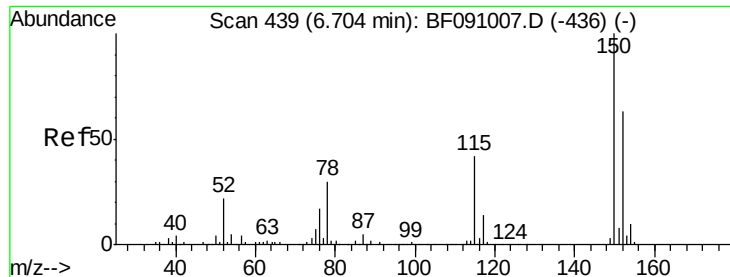
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.704 min Scan# 43

Delta R.T. -0.000 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

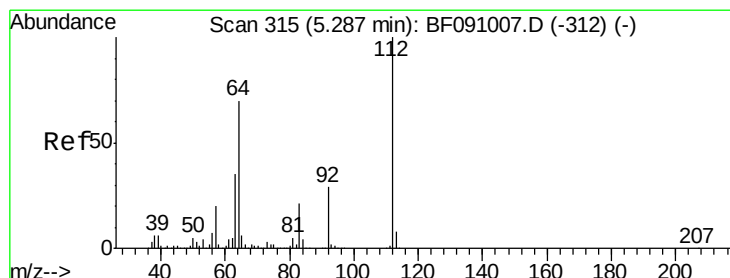
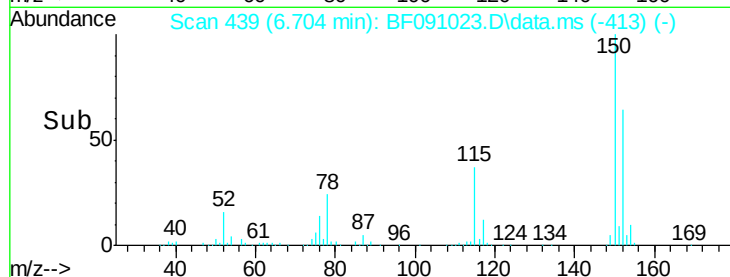
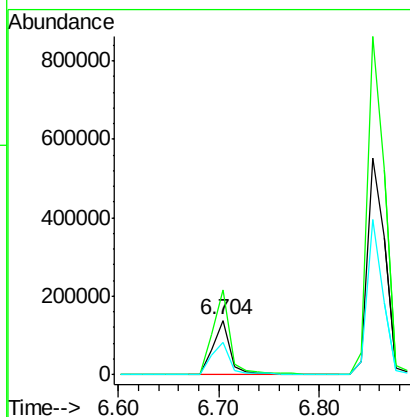
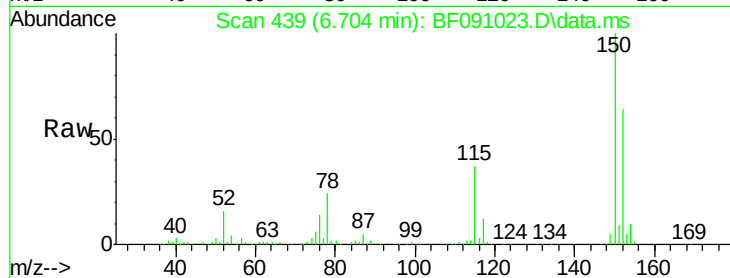
Tot Ion:152 Resp: 163826

Ion Ratio Lower Upper

152 100

150 156.1 126.8 190.2

115 58.5 53.3 79.9



#5

2-Fluorophenol

Concen: 144.88 ng

RT: 5.299 min Scan# 316

Delta R.T. 0.011 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

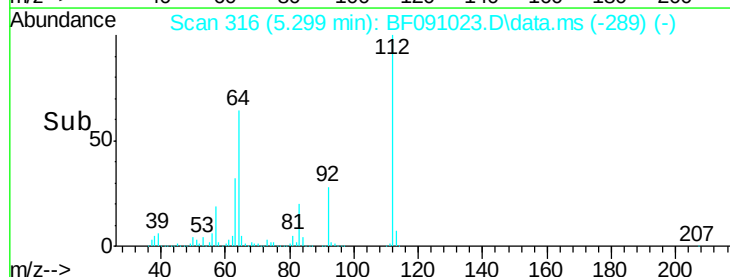
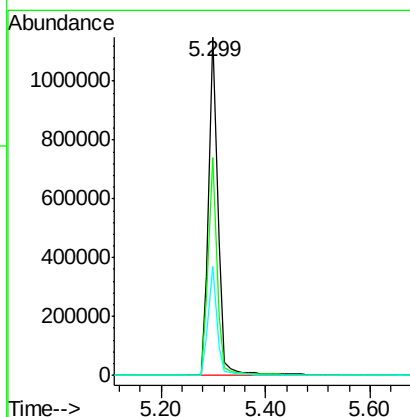
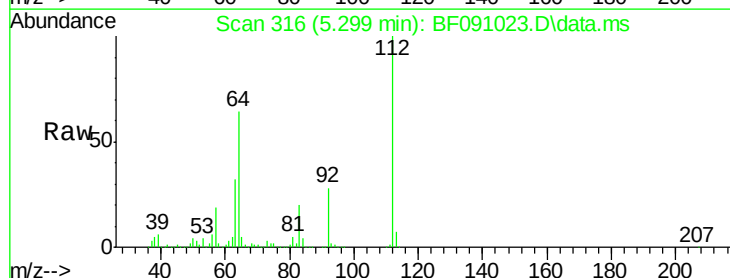
Tgt Ion:112 Resp: 1437116

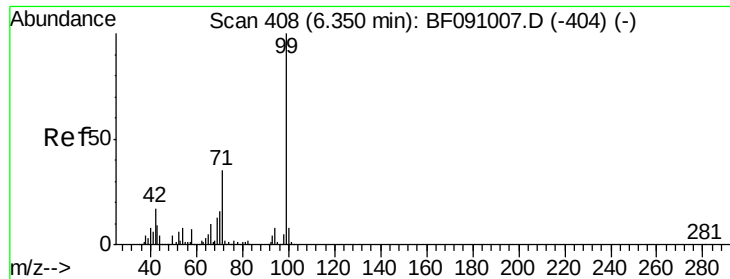
Ion Ratio Lower Upper

112 100

64 64.3 55.8 83.6

63 32.1 28.0 42.0





#7

Phenol-d6

Concen: 136.01 ng

RT: 6.350 min Scan# 40

Delta R.T. -0.000 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampled :

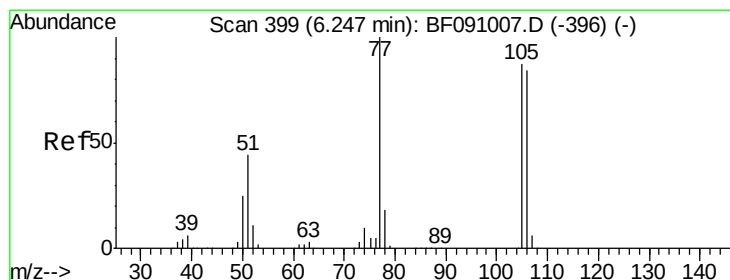
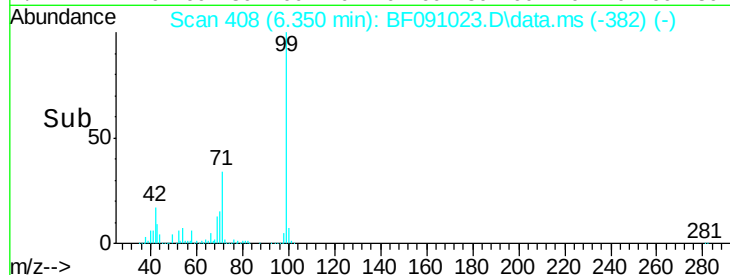
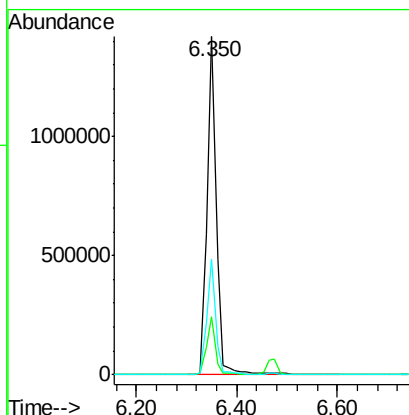
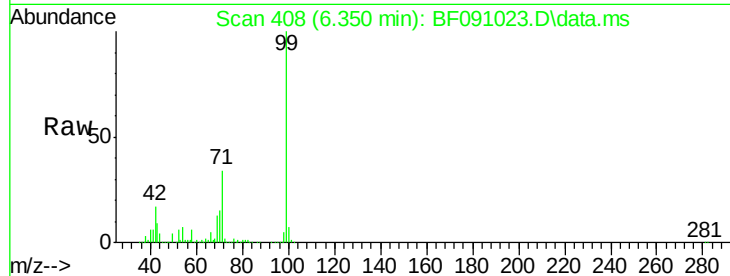
Tot Ion: 99 Resp: 1831266

Ion Ratio Lower Upper

99 100

42 17.0 13.9 20.9

71 34.0 27.8 41.8



#9

Benzaldehyde

Concen: 4.87 ng

RT: 6.476 min Scan# 419

Delta R.T. 0.229 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

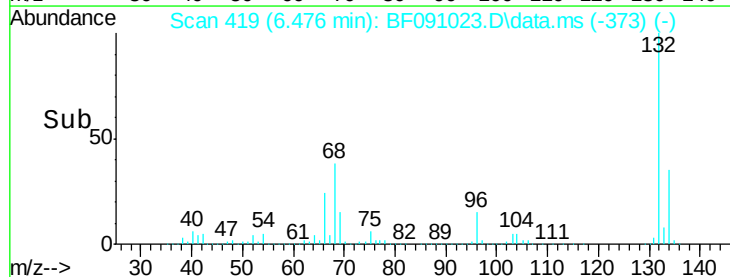
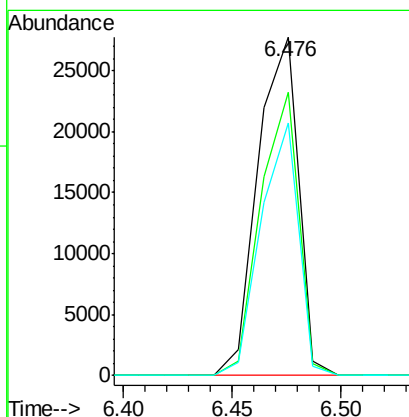
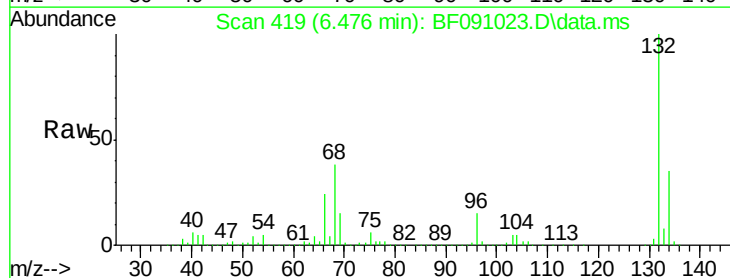
Tgt Ion: 77 Resp: 36382

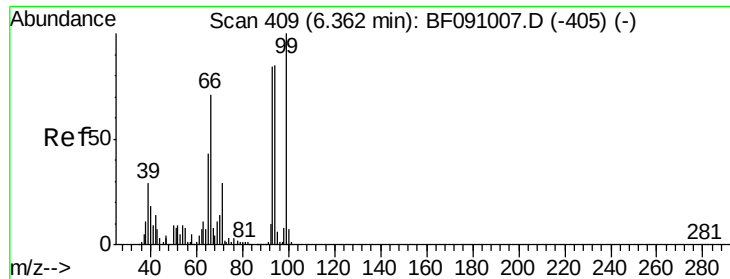
Ion Ratio Lower Upper

77 100

105 83.9 66.8 106.8

106 74.7 64.0 104.0





#10

Phenol

Concen: 2.01 ng

RT: 6.361 min Scan# 409

Delta R.T. -0.000 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

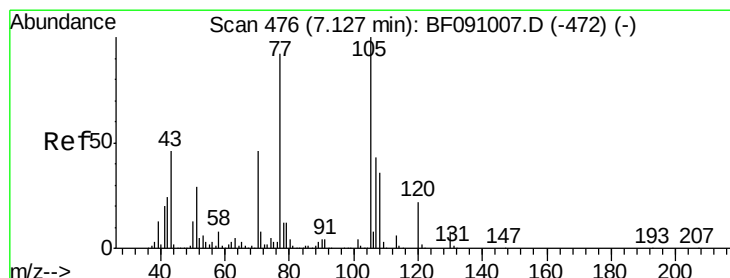
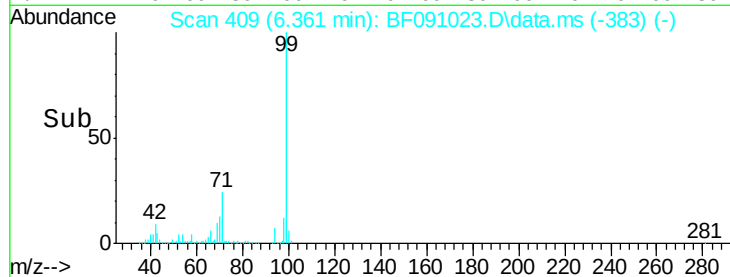
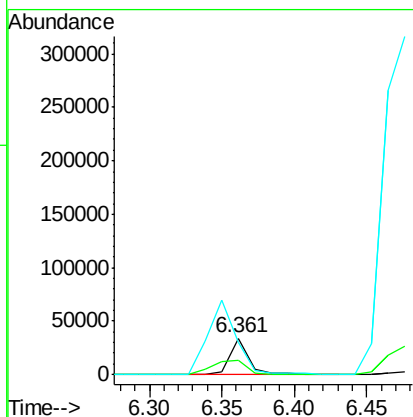
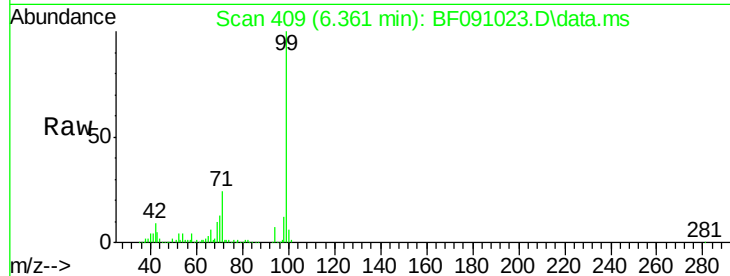
Tot Ion: 94 Resp: 29936

Ion Ratio Lower Upper

94 100

65 40.6 30.4 70.4

66 87.3 62.9 102.9



#19

n-Nitroso-di-n-propylamine

Concen: 17.01 ng

RT: 7.264 min Scan# 488

Delta R.T. 0.137 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Tgt Ion: 70 Resp: 158691

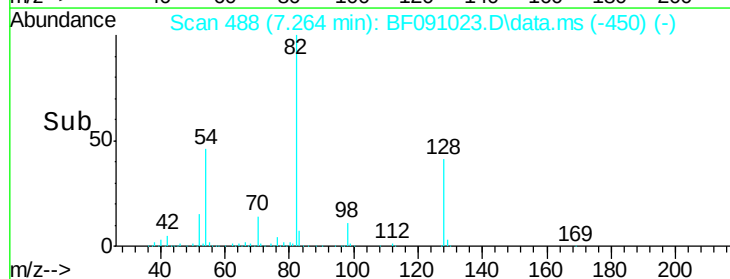
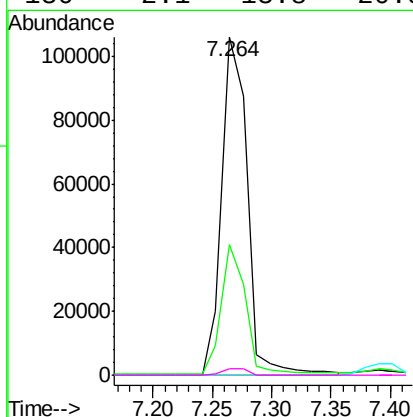
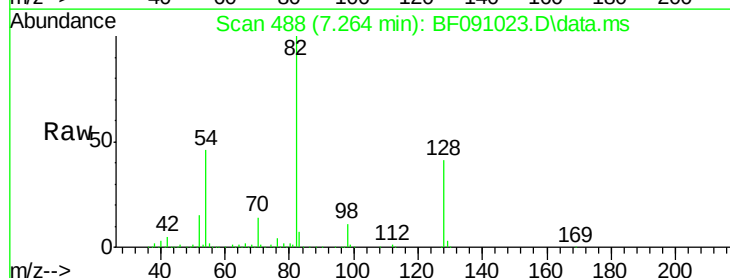
Ion Ratio Lower Upper

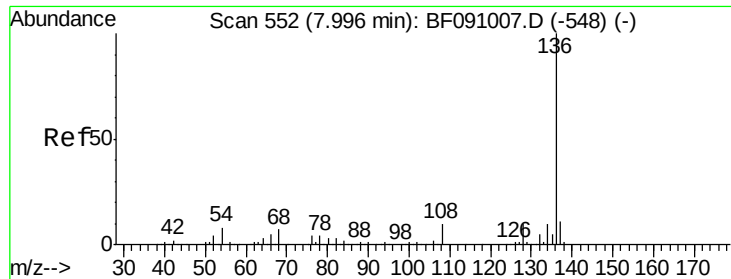
70 100

42 38.7 41.7 62.5#

101 0.0 6.7 10.1#

130 2.1 13.8 20.8#

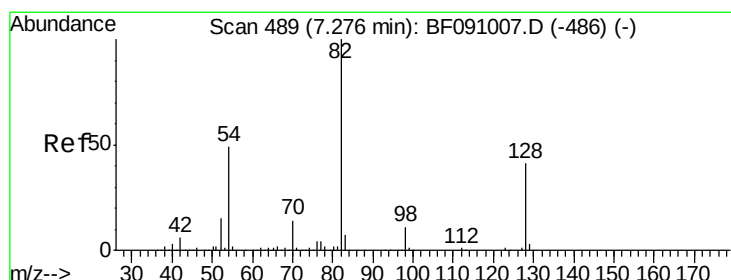
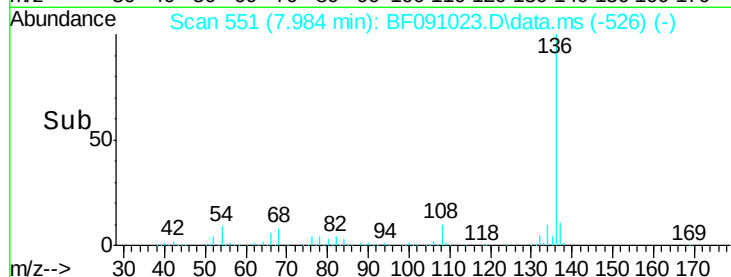
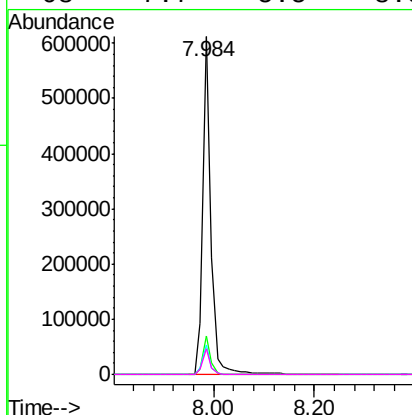
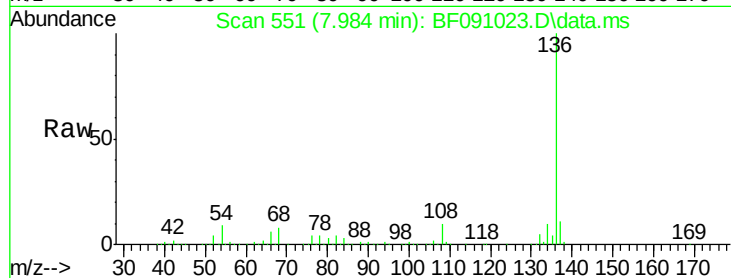




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.984 min Scan# 551
Delta R.T. -0.011 min
Lab File: BF091023.D
Acq: 4 Nov 2016 14:51

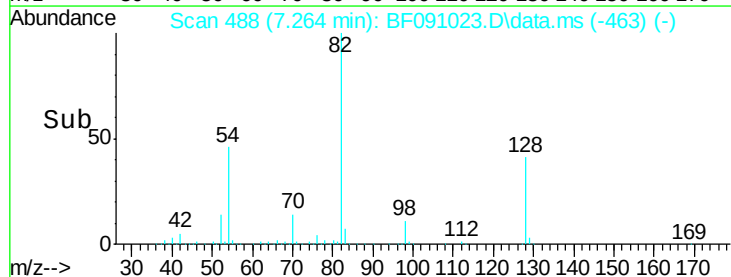
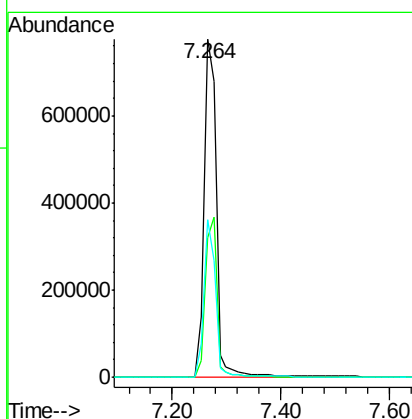
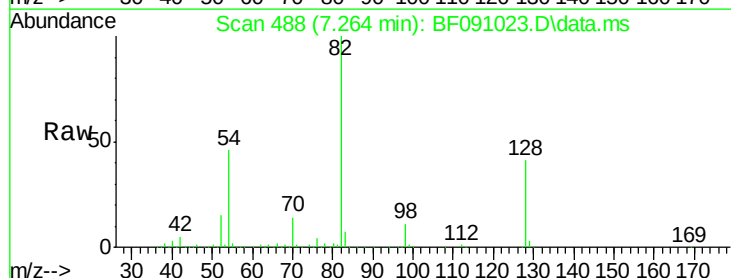
Instrument :
BNA_F
ClientSampleId :

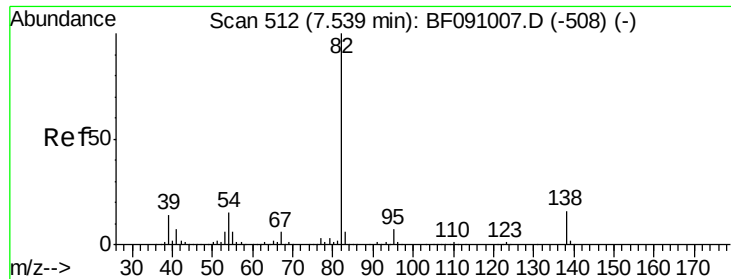
Tot Ion:136	Resp: 689726
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 8.8	6.2 9.2
68 7.7	5.5 8.3



#23
Nitrobenzene-d5
Concen: 95.72 ng
RT: 7.264 min Scan# 488
Delta R.T. -0.011 min
Lab File: BF091023.D
Acq: 4 Nov 2016 14:51

Tgt Ion: 82	Resp: 1210296
Ion Ratio	Lower Upper
82 100	
128 41.4	32.4 48.6
54 46.5	39.2 58.8





#25

Isophorone

Concen: 44.63 ng

RT: 7.264 min Scan# 48

Delta R.T. -0.274 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

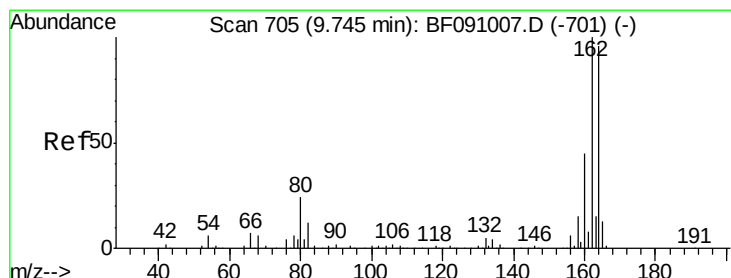
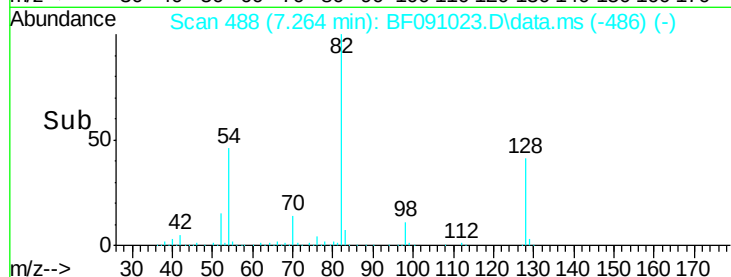
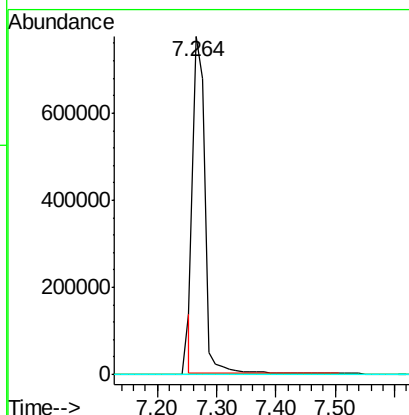
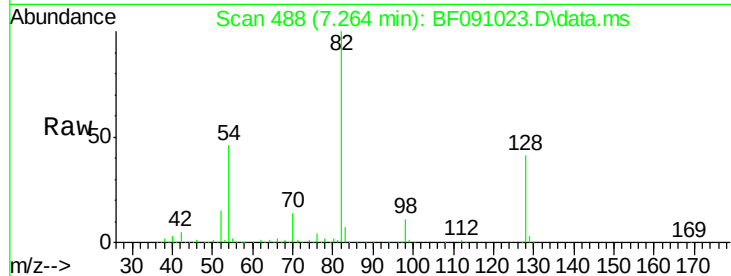
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1087391

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

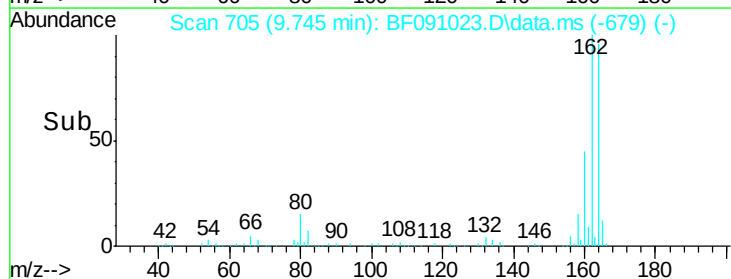
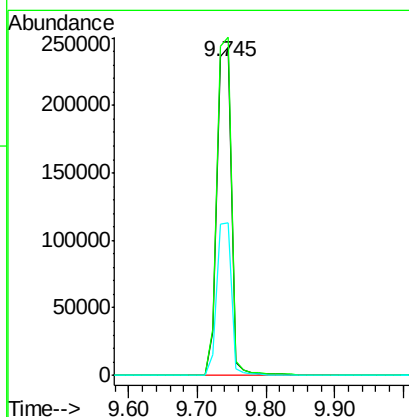
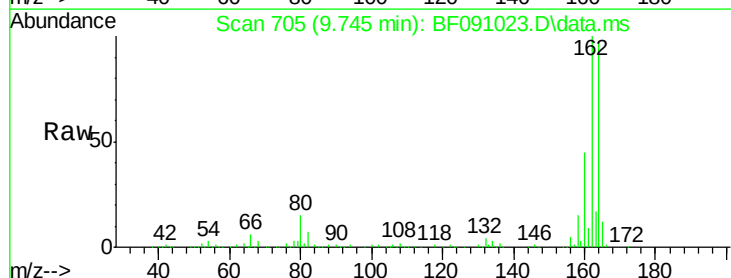
Delta R.T. -0.000 min

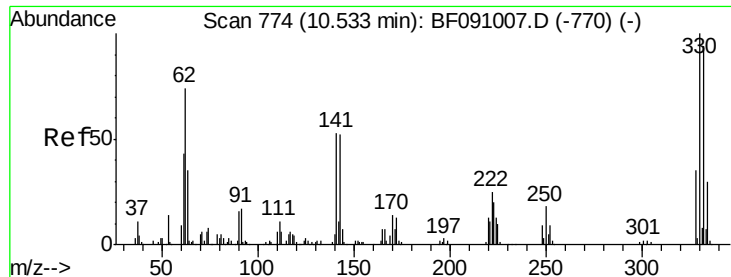
Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Tgt Ion: 164 Resp: 367373

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.6	125.4
160	46.5	37.9	56.9

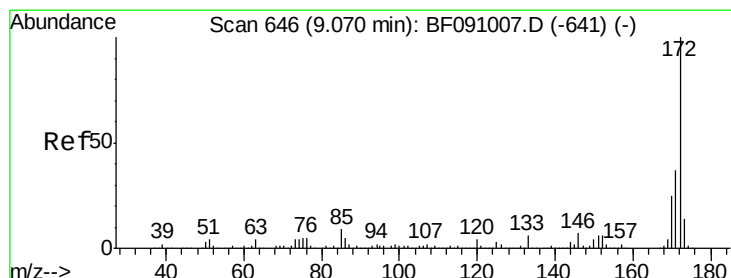
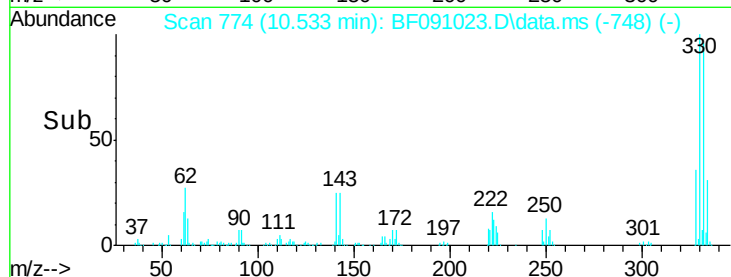
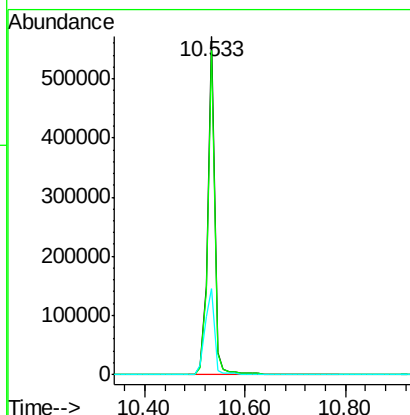
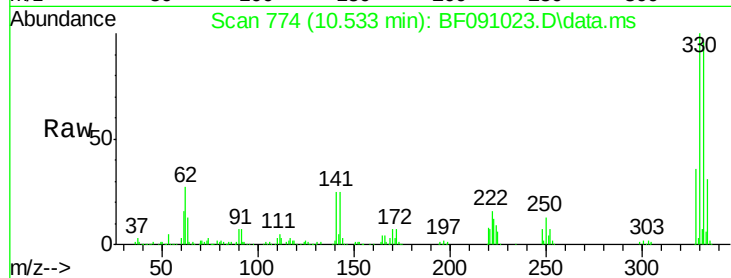




#41
 2,4,6-Tribromophenol
 Concen: 166.14 ng
 RT: 10.533 min Scan# 774
 Delta R.T. 0.000 min
 Lab File: BF091023.D
 Acq: 4 Nov 2016 14:51

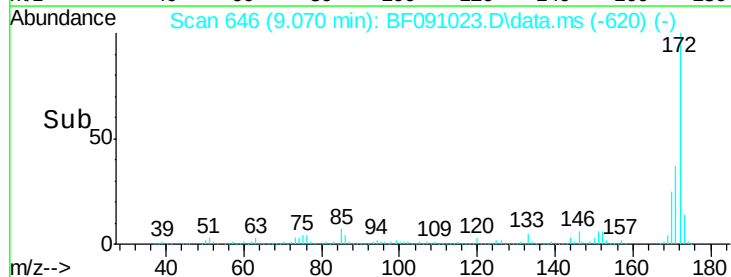
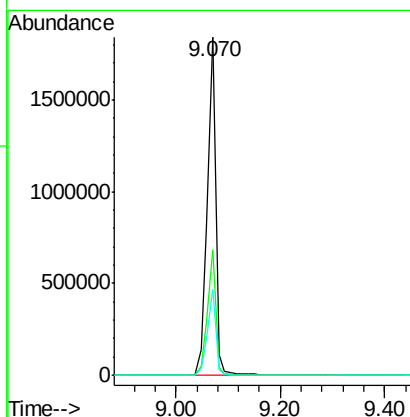
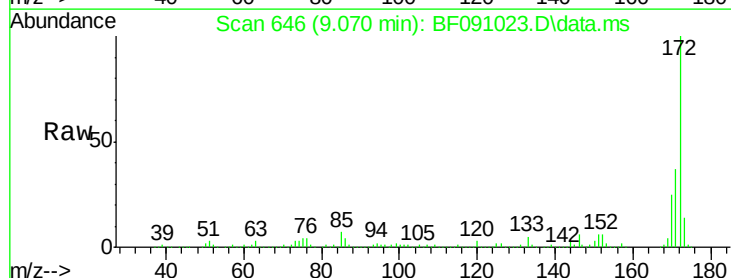
Instrument :
 BNA_F
 ClientSampleId :

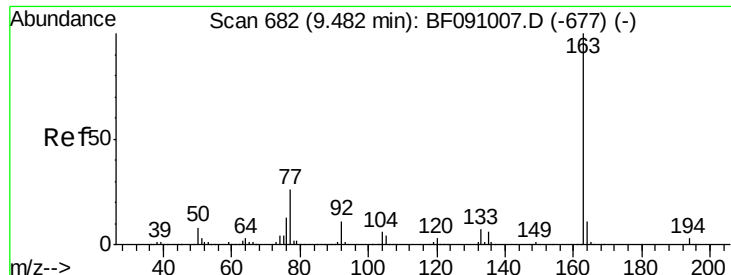
Tot Ion:330 Resp: 551812
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 34.5 36.1 54.1#



#44
 2-Fluorobiphenyl
 Concen: 96.20 ng
 RT: 9.070 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: BF091023.D
 Acq: 4 Nov 2016 14:51

Tgt Ion:172 Resp: 2052813
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.5 20.3 30.5





#49

Dimethylphthalate

Concen: 30.41 ng

RT: 9.470 min Scan# 68

Delta R.T. -0.011 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

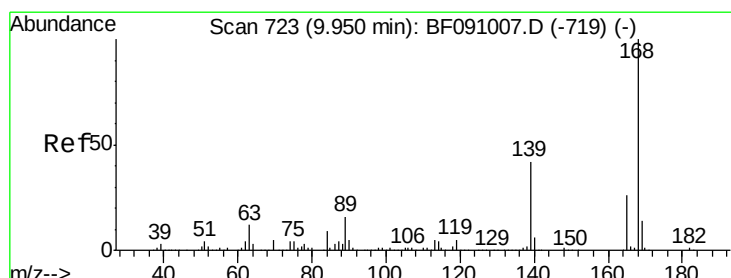
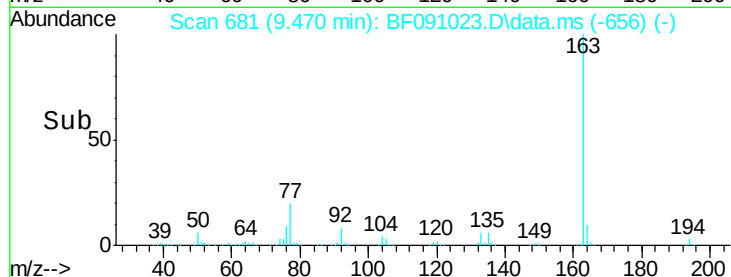
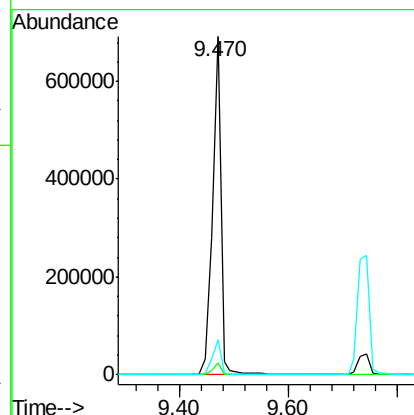
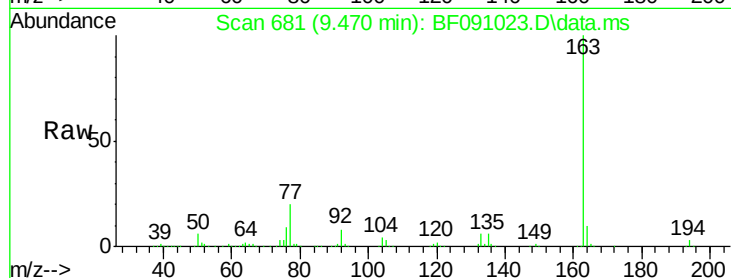
Tot Ion:163 Resp: 732615

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 10.2 8.7 13.1



#56

2,4-Dinitrotoluene

Concen: 7.09 ng

RT: 9.733 min Scan# 704

Delta R.T. -0.217 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Tgt Ion:165 Resp: 46573

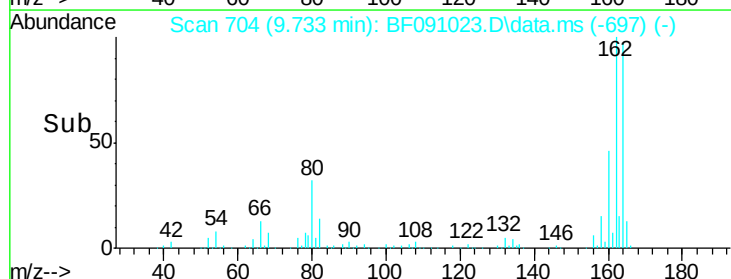
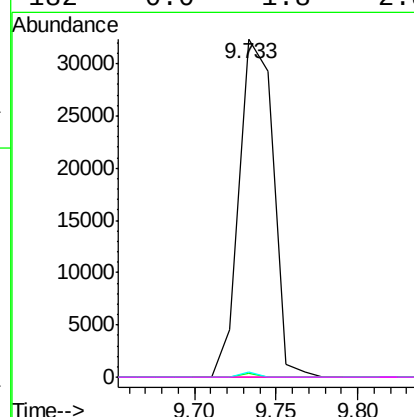
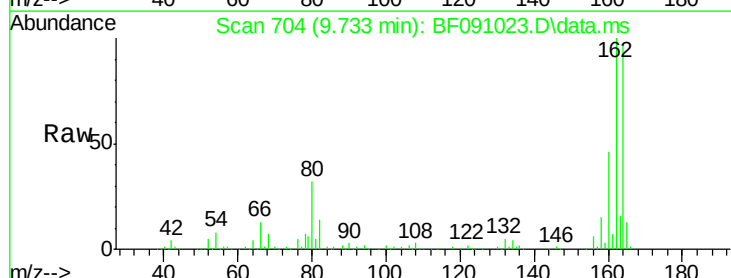
Ion Ratio Lower Upper

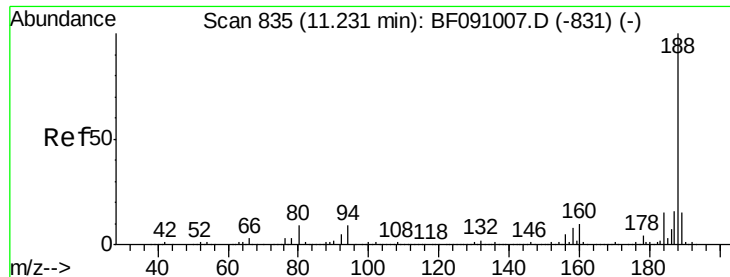
165 100

63 1.3 38.7 58.1#

89 1.4 50.6 76.0#

182 0.0 1.8 2.8#

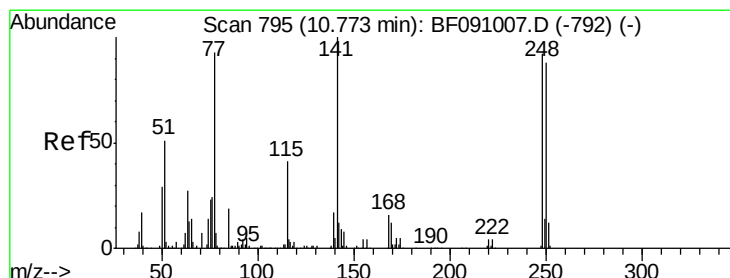
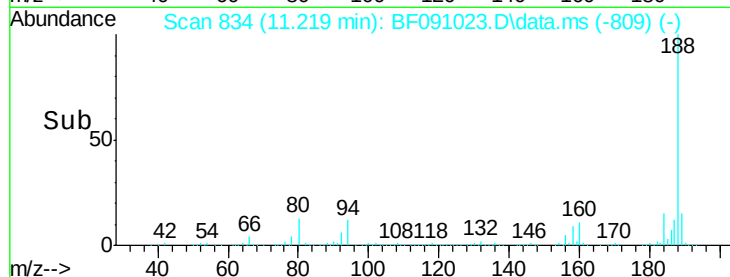
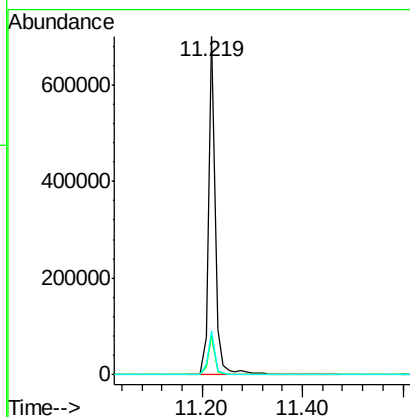
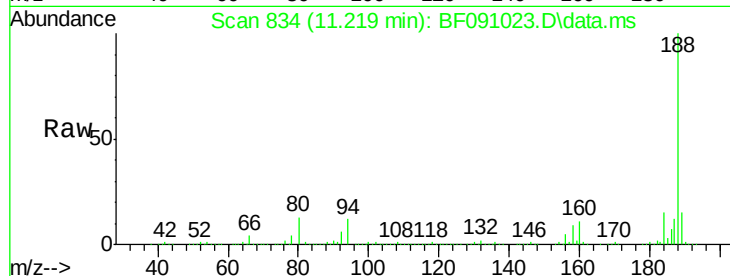




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.219 min Scan# 83
 Delta R.T. -0.011 min
 Lab File: BF091023.D
 Acq: 4 Nov 2016 14:51

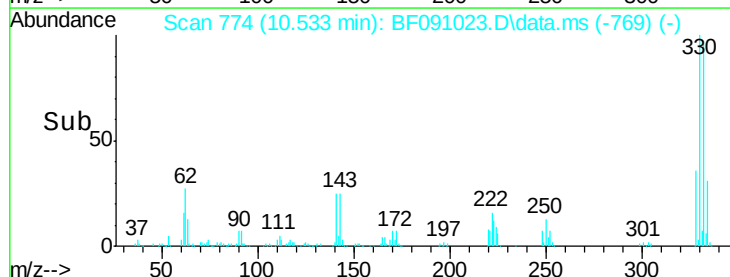
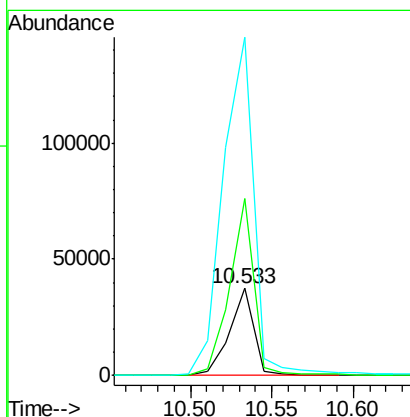
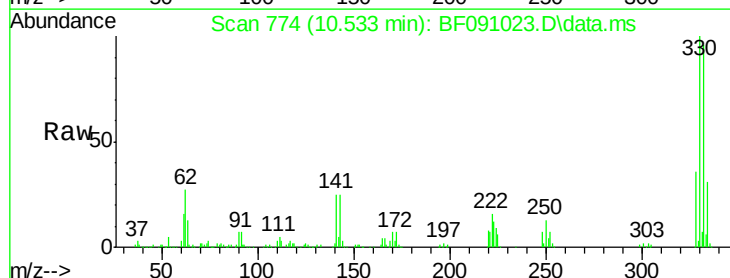
Instrument :
 BNA_F
 ClientSampleId :

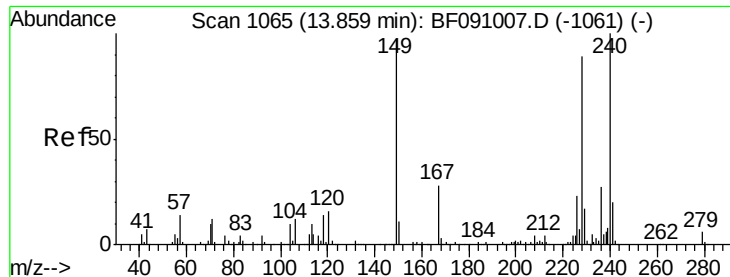
Tot Ion:188 Resp: 641962
 Ion Ratio Lower Upper
 188 100
 94 11.5 7.0 10.4#
 80 12.7 7.5 11.3#



#66
 4-Bromophenyl-phenylether
 Concen: 5.67 ng
 RT: 10.533 min Scan# 774
 Delta R.T. -0.240 min
 Lab File: BF091023.D
 Acq: 4 Nov 2016 14:51

Tgt Ion:248 Resp: 37876
 Ion Ratio Lower Upper
 248 100
 250 204.0 76.3 114.5#
 141 390.1 86.8 130.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.848 min Scan# 1065

Delta R.T. -0.011 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

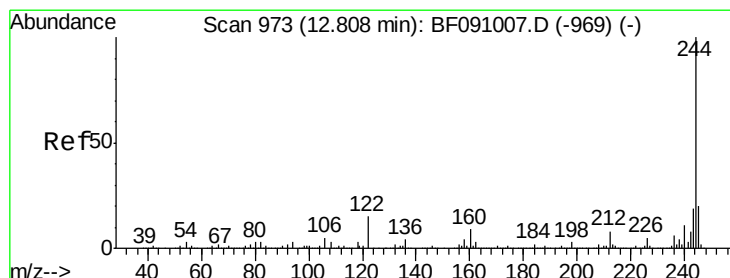
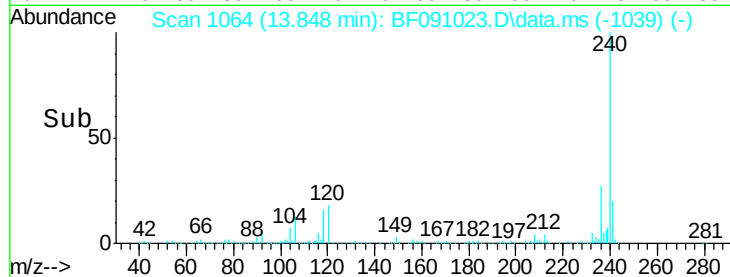
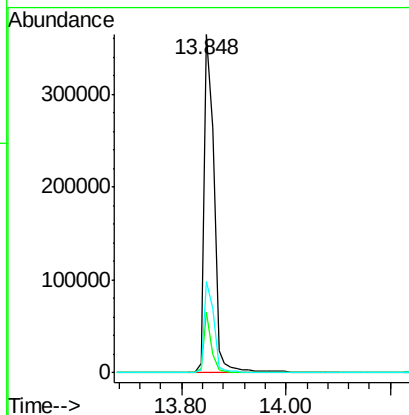
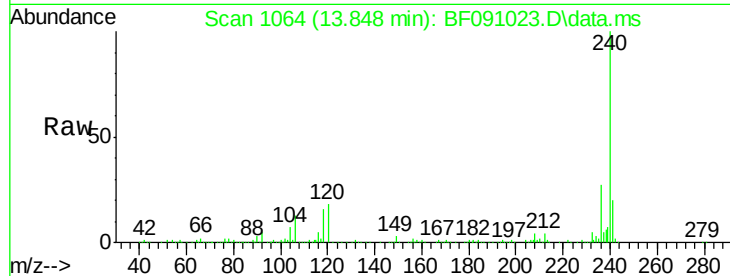
Tot Ion:240 Resp: 480811

Ion Ratio Lower Upper

240 100

120 17.7 12.9 19.3

236 26.9 21.9 32.9



#78

Terphenyl-d14

Concen: 96.97 ng

RT: 12.808 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

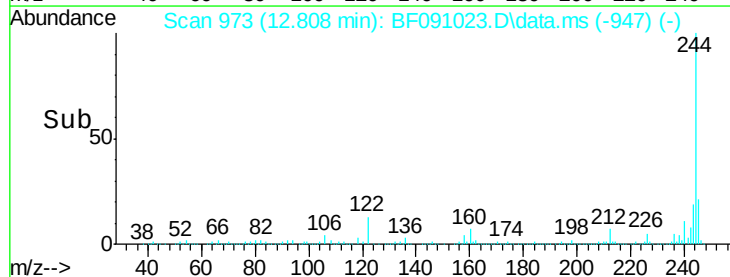
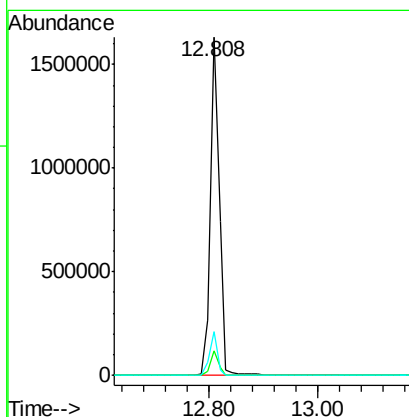
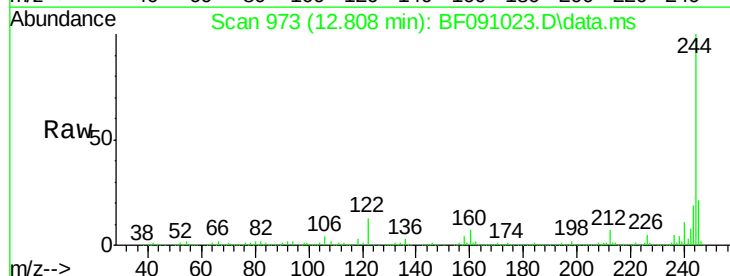
Tgt Ion:244 Resp: 1868316

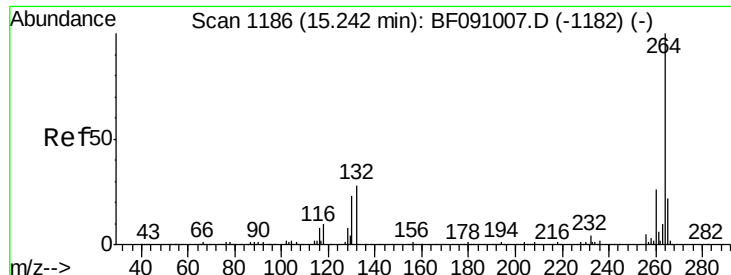
Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

122 12.9 12.3 18.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.242 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF091023.D
 Acq: 4 Nov 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.9	17.8	26.8

