

Data Path : Z:\HPCHEM1\BNA F\Data\BF110416\
 Data File : BF091025.D
 Acq On : 4 Nov 2016 15:43
 Operator : UM/SJ
 Sample : H5526-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 15:05:49 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

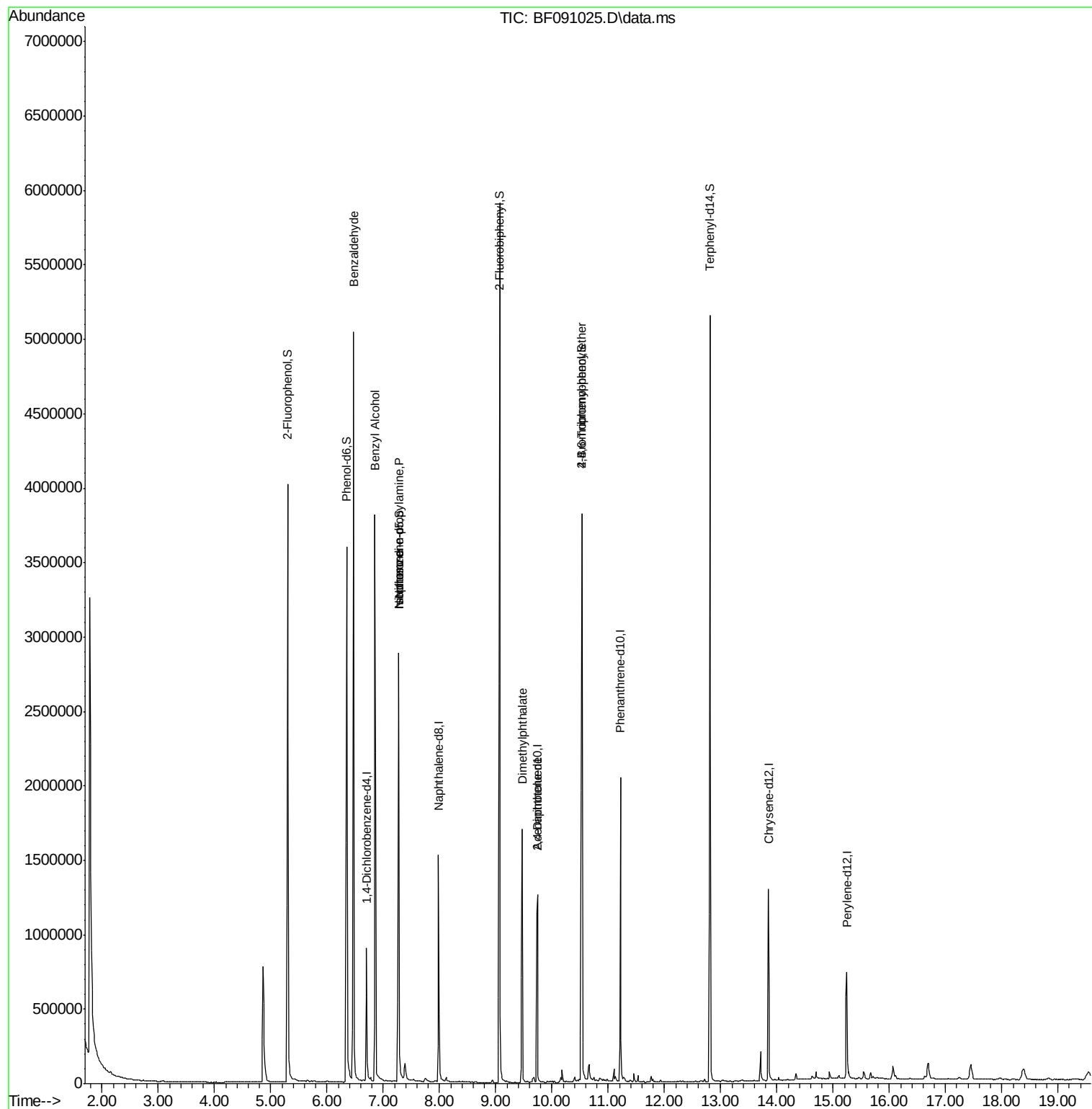
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.704	152	182716	20.00	ng	0.00
21) Naphthalene-d8	7.985	136	778829	20.00	ng	-0.01
38) Acenaphthene-d10	9.745	164	408896	20.00	ng	0.00
63) Phenanthrene-d10	11.219	188	695482	20.00	ng	-0.01
75) Chrysene-d12	13.848	240	474587	20.00	ng	-0.01
86) Perylene-d12	15.242	264	346972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1655798	149.67	ng	0.01
7) Phenol-d6	6.350	99	2206012	146.91	ng	0.00
23) Nitrobenzene-d5	7.276	82	1593327	111.60	ng	0.00
41) 2,4,6-Tribromophenol	10.533	330	550540	148.93	ng	0.00
44) 2-Fluorobiphenyl	9.070	172	2180118	91.79	ng	0.00
78) Terphenyl-d14	12.808	244	2068405	108.76	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.476	77	43134	5.18	ng	92
15) Benzyl Alcohol	6.853	79	23297	2.20	ng	# 56
19) n-Nitroso-di-n-propyla...	7.276	70	218112	20.96	ng	# 74
25) Isophorone	7.276	82	1431607	52.04	ng	# 67
49) Dimethylphthalate	9.470	163	797443	29.74	ng	98
56) 2,4-Dinitrotoluene	9.745	165	51423	7.03	ng	# 26
66) 4-Bromophenyl-phenylether	10.533	248	40061	5.54	ng	# 1

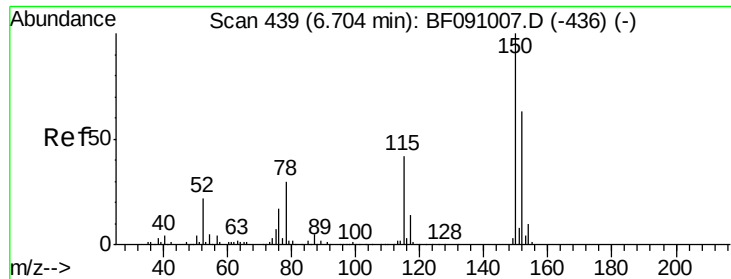
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 11:03:12 2016
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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: BF091025.D

Acq: 4 Nov 2016 15:43

Instrument :

BNA_F

ClientSampleId :

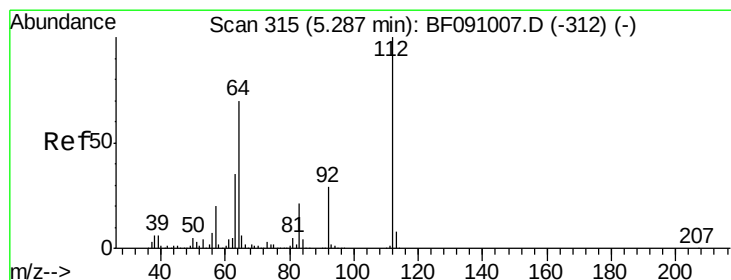
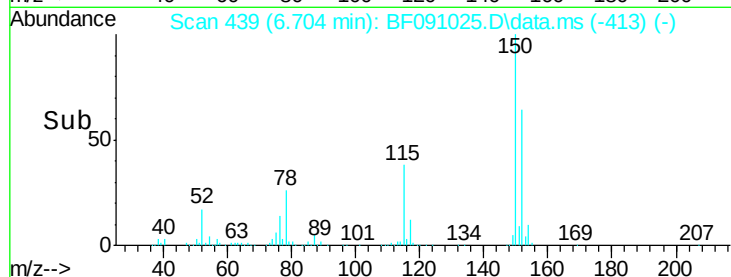
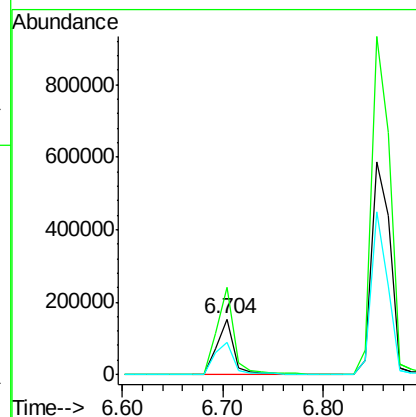
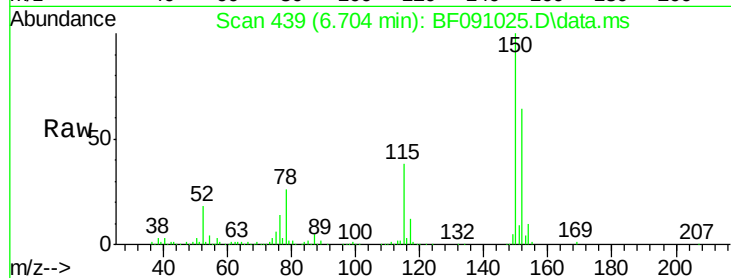
Tot Ion:152 Resp: 182716

Ion Ratio Lower Upper

152 100

150 156.6 126.8 190.2

115 58.9 53.3 79.9



#5

2-Fluorophenol

Concen: 149.67 ng

RT: 5.299 min Scan# 316

Delta R.T. 0.011 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

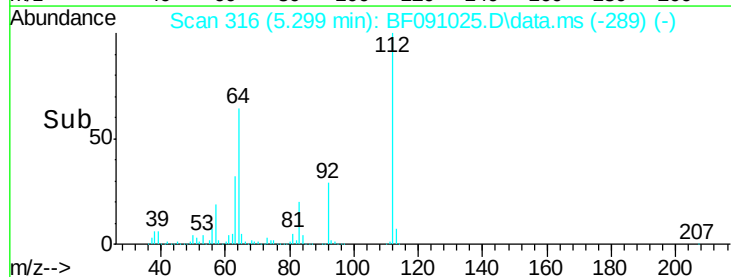
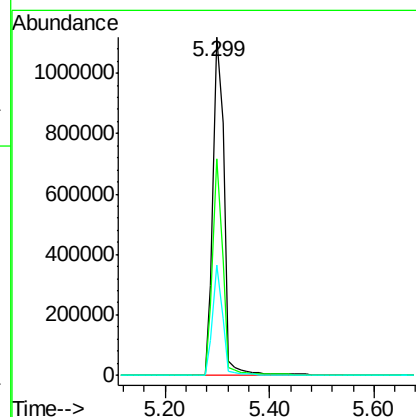
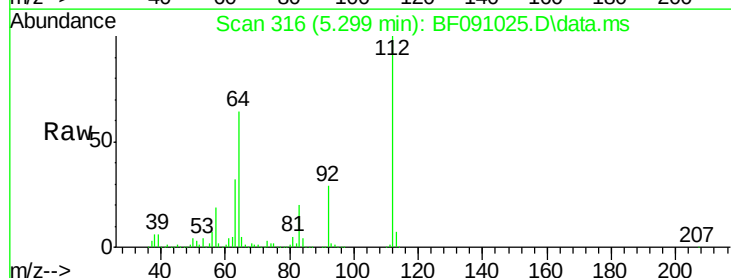
Tgt Ion:112 Resp: 1655798

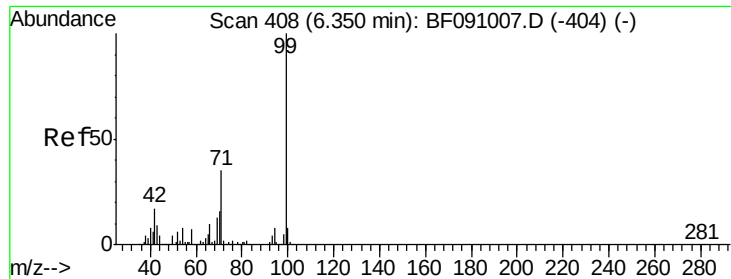
Ion Ratio Lower Upper

112 100

64 63.9 55.8 83.6

63 32.5 28.0 42.0





#7

Phenol-d6

Concen: 146.91 ng

RT: 6.350 min Scan# 408

Delta R.T. 0.000 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

Instrument :

BNA_F

ClientSampleId :

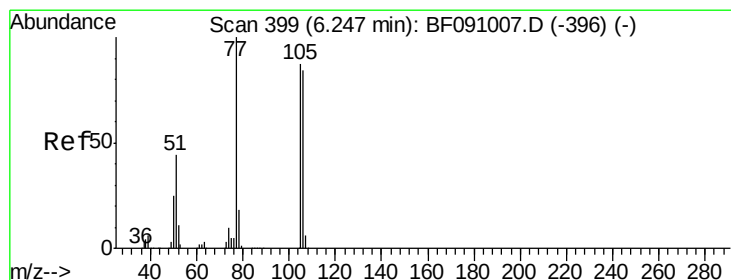
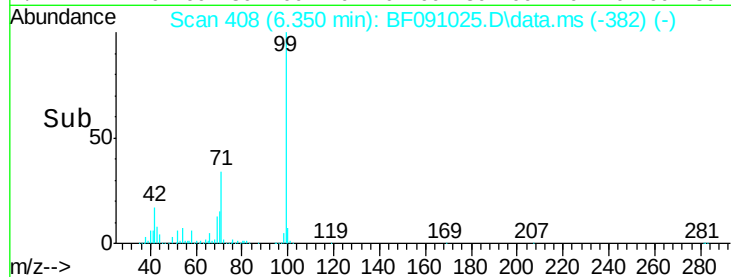
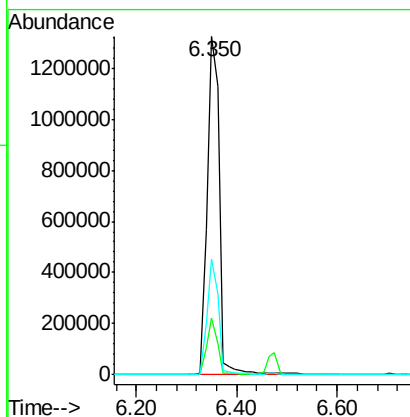
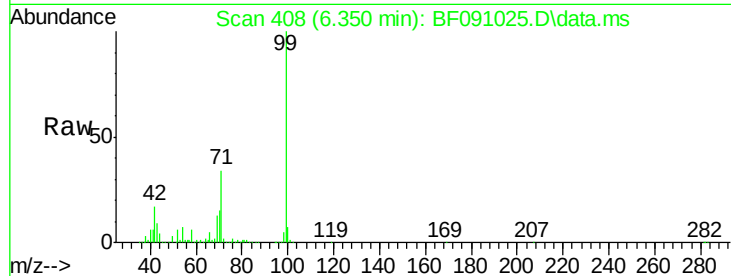
Tot Ion: 99 Resp: 2206012

Ion Ratio Lower Upper

99 100

42 16.6 13.9 20.9

71 34.2 27.8 41.8



#9

Benzaldehyde

Concen: 5.18 ng

RT: 6.476 min Scan# 419

Delta R.T. 0.229 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

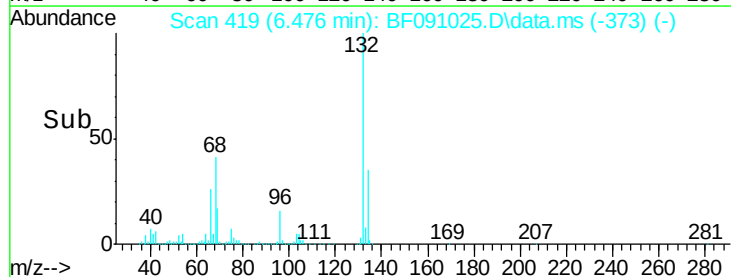
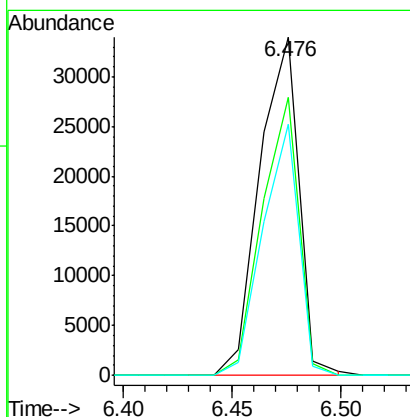
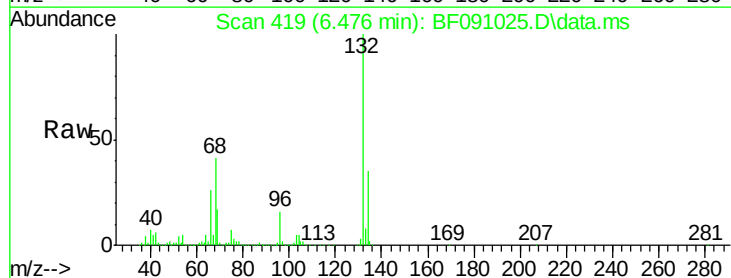
Tgt Ion: 77 Resp: 43134

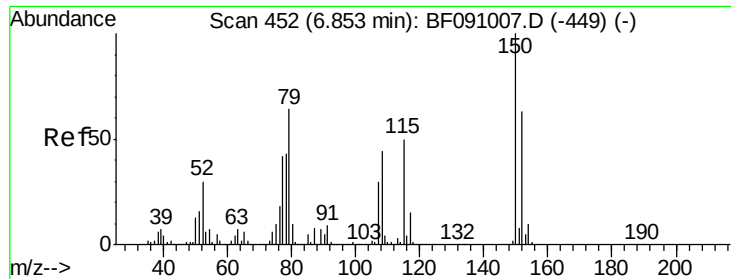
Ion Ratio Lower Upper

77 100

105 82.4 66.8 106.8

106 74.3 64.0 104.0





#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.853 min Scan# 45

Delta R.T. 0.000 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

Instrument :

BNA_F

ClientSampleId :

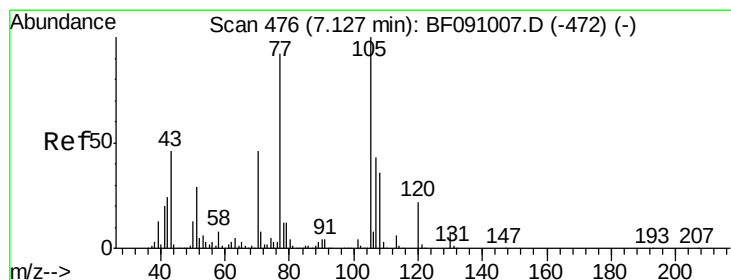
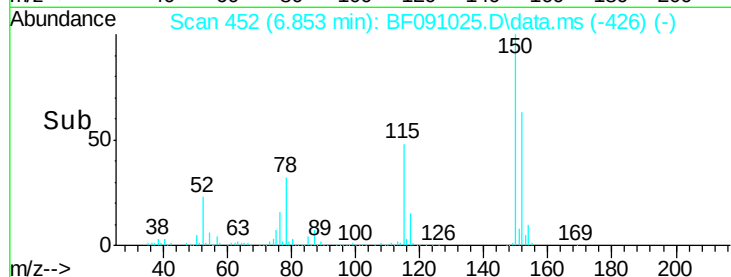
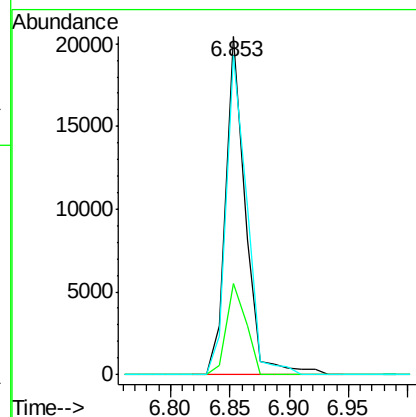
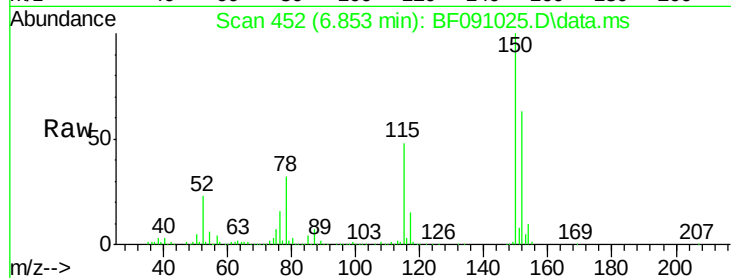
Tot Ion: 79 Resp: 23297

Ion Ratio Lower Upper

79 100

108 26.8 55.7 83.5#

77 94.4 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 20.96 ng

RT: 7.276 min Scan# 489

Delta R.T. 0.149 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

Tgt Ion: 70 Resp: 218112

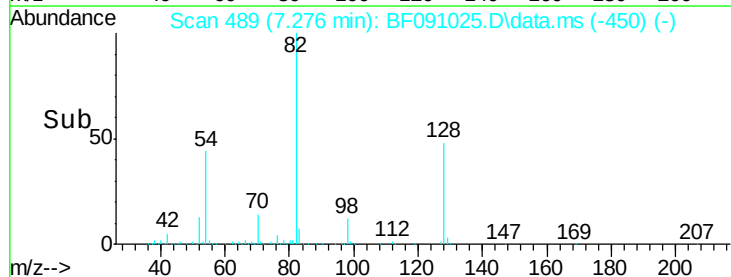
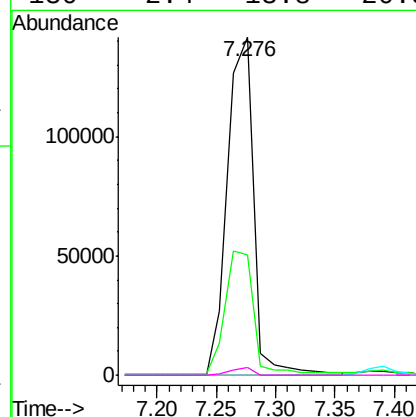
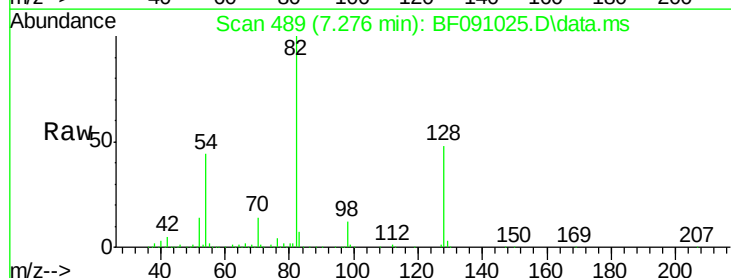
Ion Ratio Lower Upper

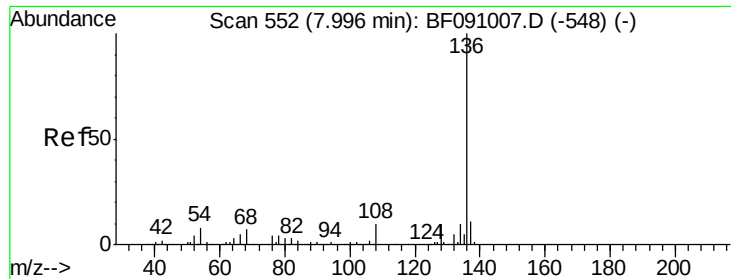
70 100

42 35.8 41.7 62.5#

101 0.0 6.7 10.1#

130 2.4 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.985 min Scan# 55

Delta R.T. -0.011 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 778829

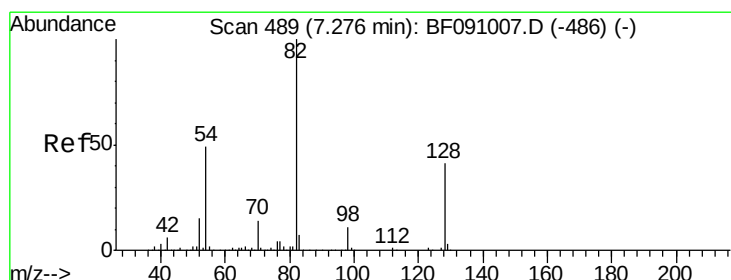
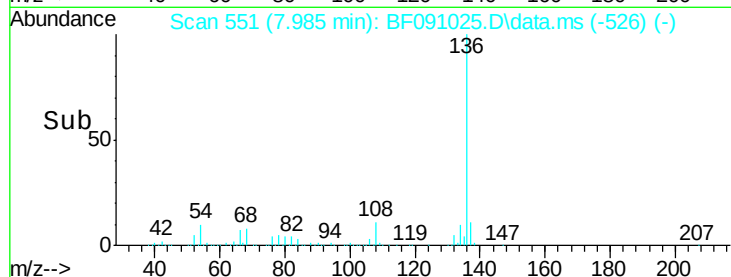
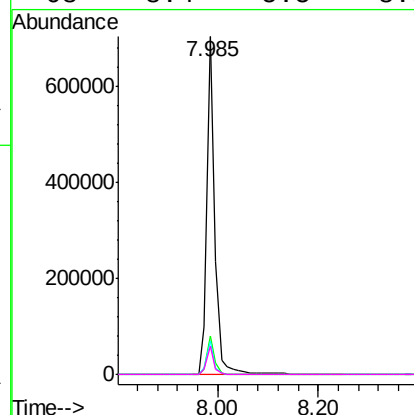
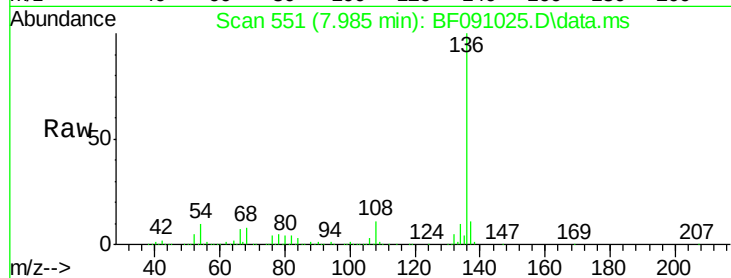
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.1 6.2 9.2#

68 8.4 5.5 8.3#



#23

Nitrobenzene-d5

Concen: 111.60 ng

RT: 7.276 min Scan# 489

Delta R.T. 0.000 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

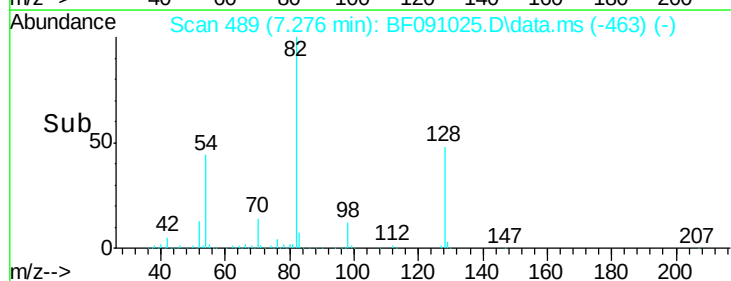
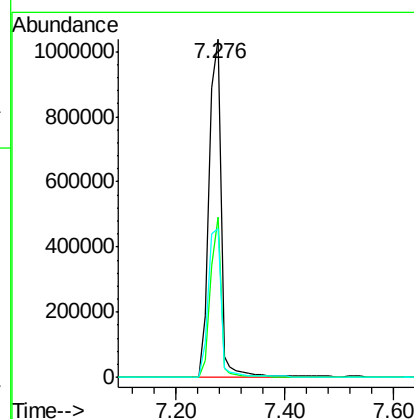
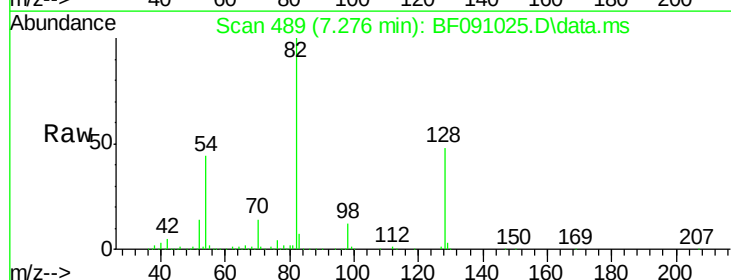
Tgt Ion: 82 Resp: 1593327

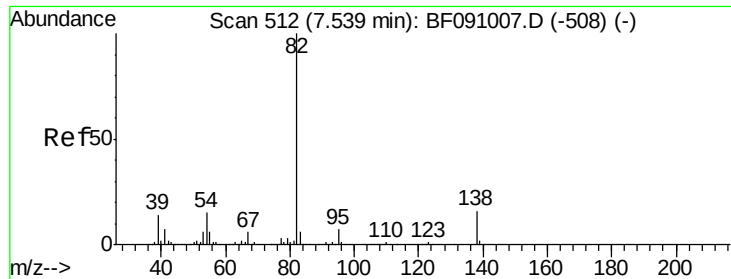
Ion Ratio Lower Upper

82 100

128 47.5 32.4 48.6

54 43.8 39.2 58.8





#25

Isophorone

Concen: 52.04 ng

RT: 7.276 min Scan# 48

Delta R.T. -0.263 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

Instrument :

BNA_F

ClientSampleId :

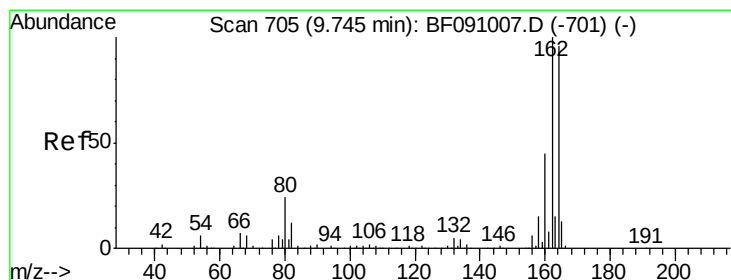
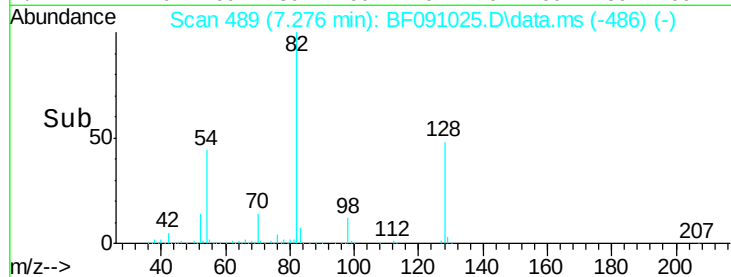
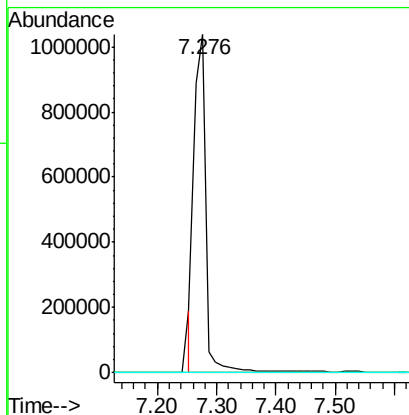
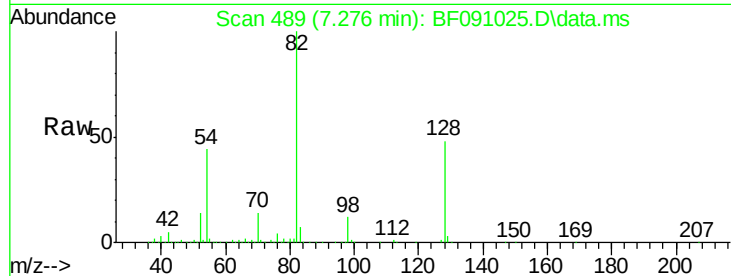
Tot Ion: 82 Resp: 1431607

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: BF091025.D

Acq: 4 Nov 2016 15:43

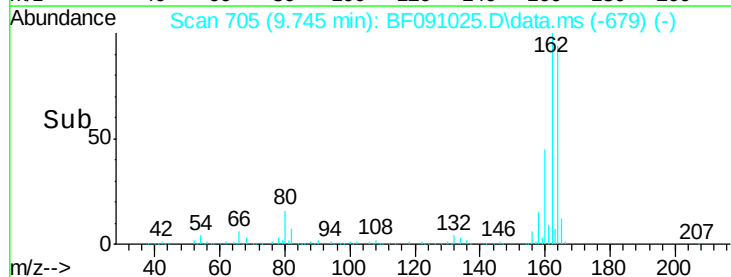
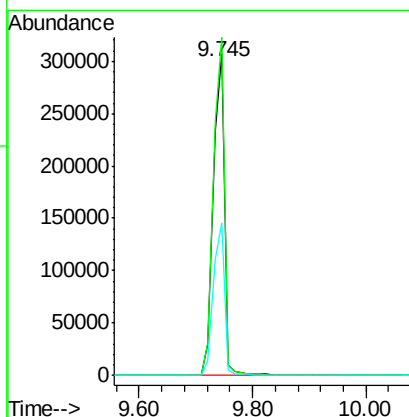
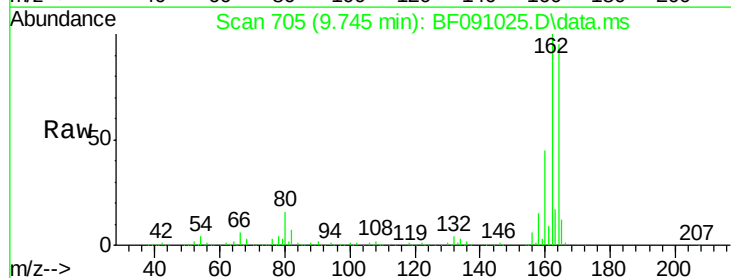
Tgt Ion:164 Resp: 408896

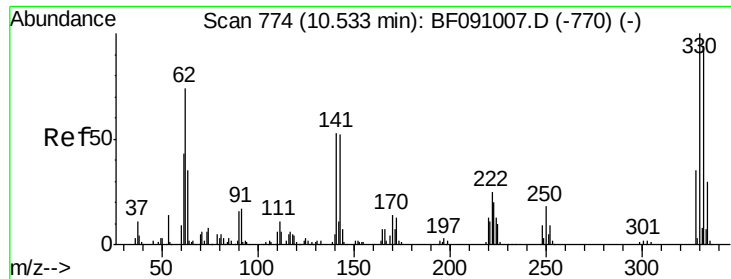
Ion Ratio Lower Upper

164 100

162 105.1 83.6 125.4

160 47.2 37.9 56.9

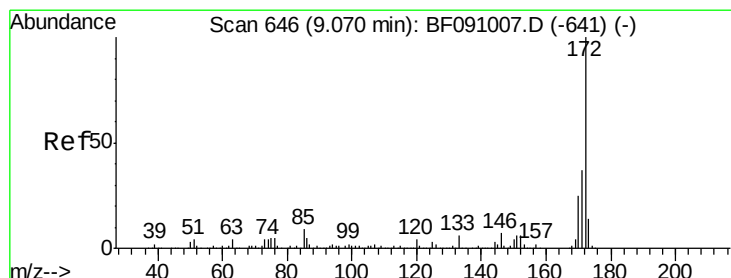
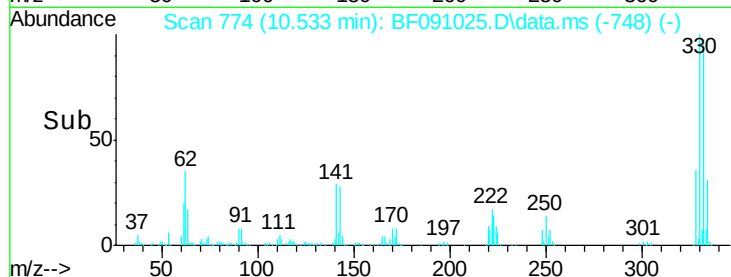
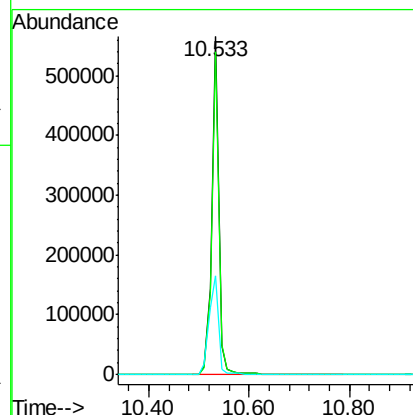
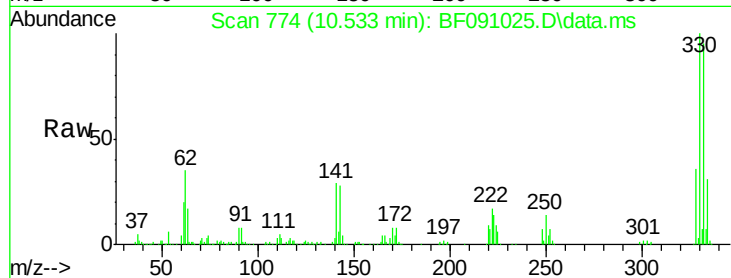




#41
 2,4,6-Tribromophenol
 Concen: 148.93 ng
 RT: 10.533 min Scan# 774
 Delta R.T. 0.000 min
 Lab File: BF091025.D
 Acq: 4 Nov 2016 15:43

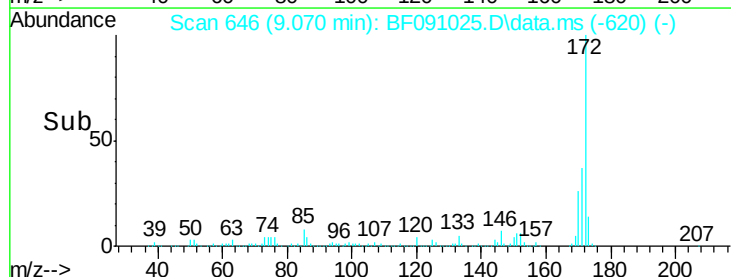
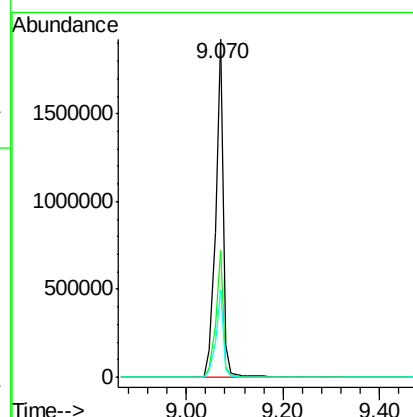
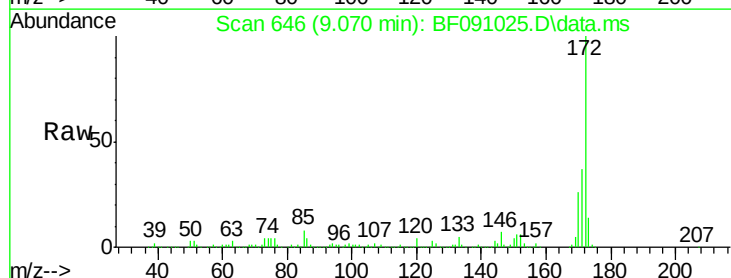
Instrument :
 BNA_F
 ClientSampled :

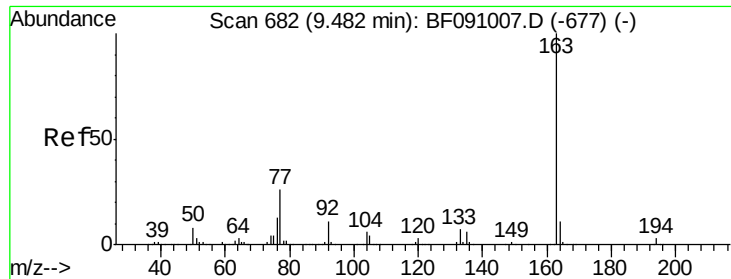
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	39.1	36.1	54.1



#44
 2-Fluorobiphenyl
 Concen: 91.79 ng
 RT: 9.070 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: BF091025.D
 Acq: 4 Nov 2016 15:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.9	20.3	30.5





#49

Dimethylphthalate

Concen: 29.74 ng

RT: 9.470 min Scan# 68

Delta R.T. -0.011 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

Instrument :

BNA_F

ClientSampleId :

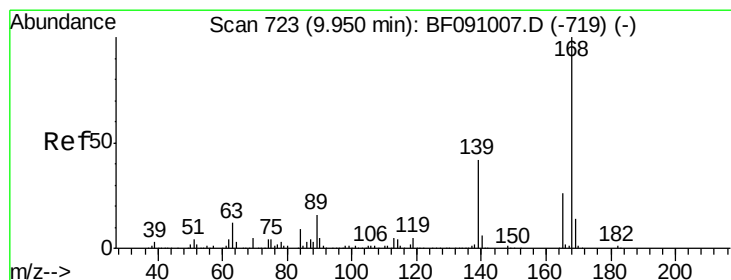
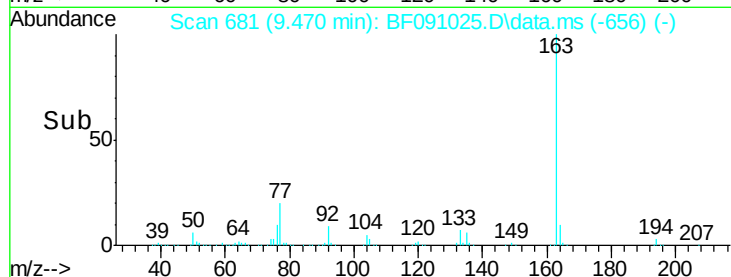
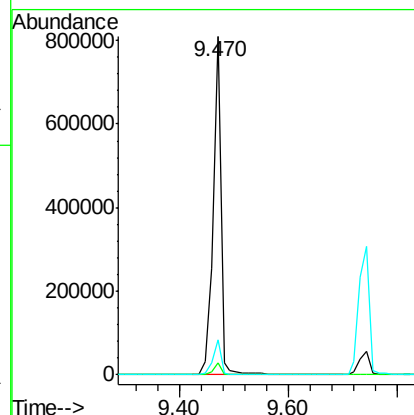
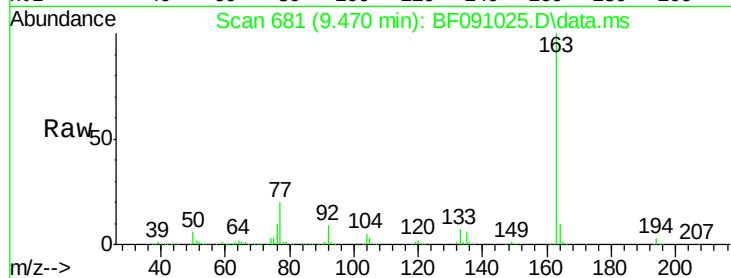
Tot Ion:163 Resp: 797443

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.1 8.7 13.1



#56

2,4-Dinitrotoluene

Concen: 7.03 ng

RT: 9.745 min Scan# 705

Delta R.T. -0.206 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

Tgt Ion:165 Resp: 51423

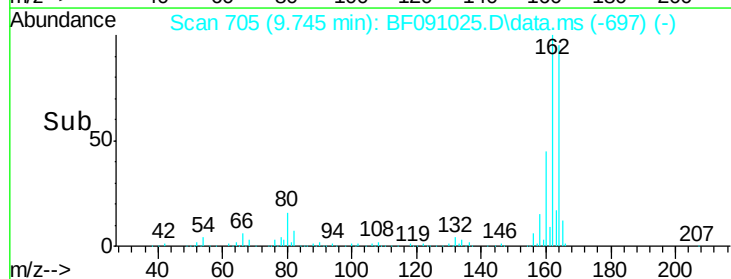
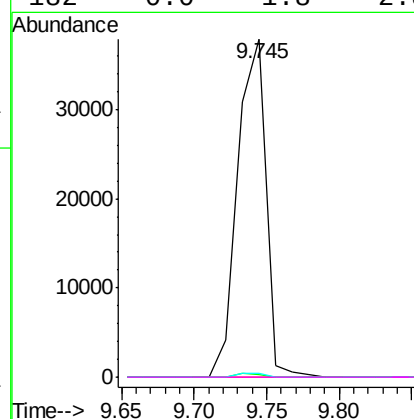
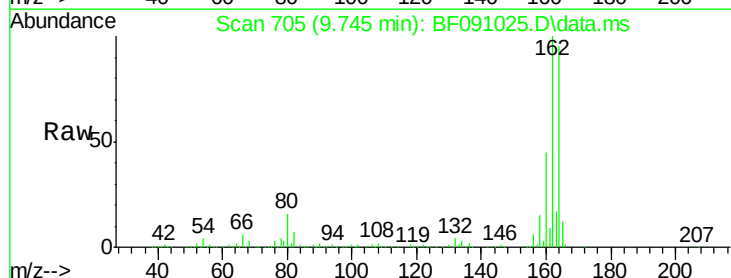
Ion Ratio Lower Upper

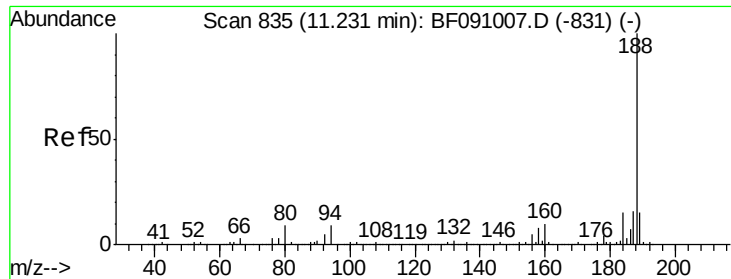
165 100

63 0.8 38.7 58.1#

89 1.1 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: BF091025.D

Acq: 4 Nov 2016 15:43

Instrument :

BNA_F

ClientSampleId :

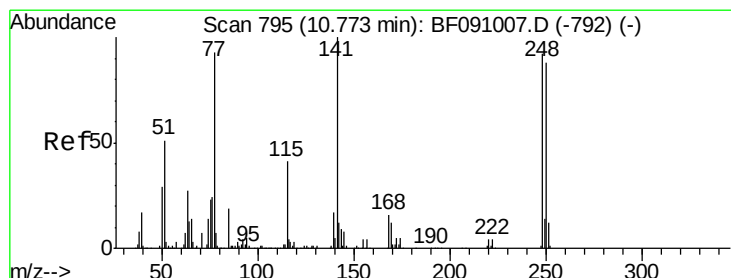
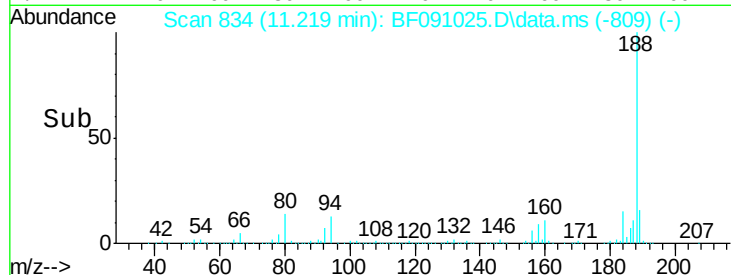
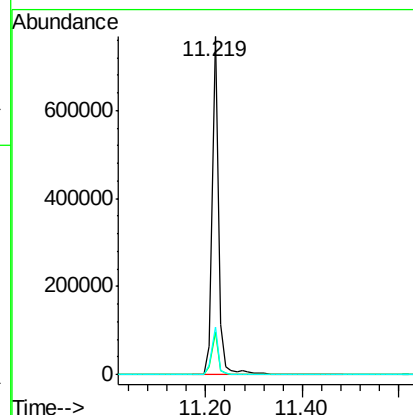
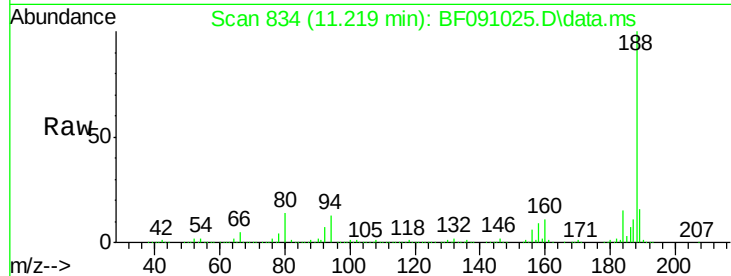
Tot Ion:188 Resp: 695482

Ion Ratio Lower Upper

188 100

94 12.5 7.0 10.4#

80 13.9 7.5 11.3#



#66

4-Bromophenyl-phenylether

Concen: 5.54 ng

RT: 10.533 min Scan# 774

Delta R.T. -0.240 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

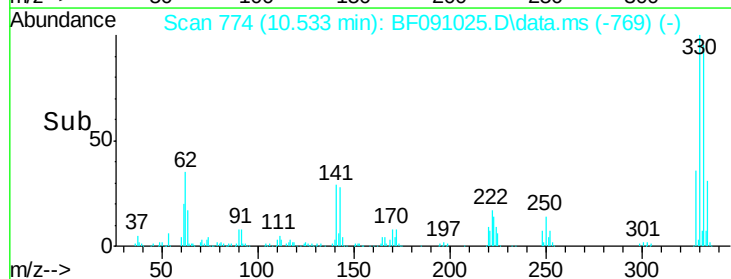
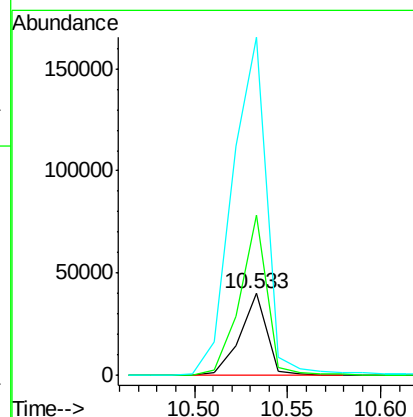
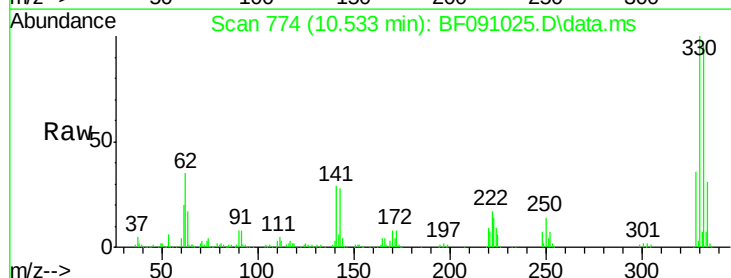
Tgt Ion:248 Resp: 40061

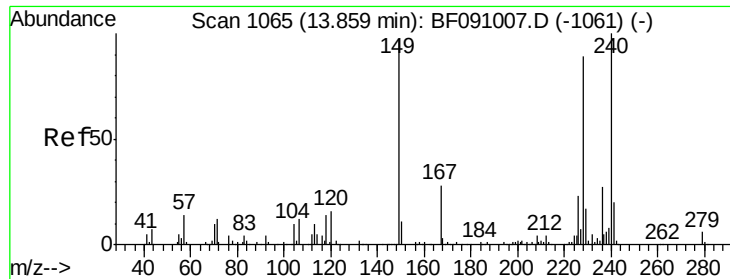
Ion Ratio Lower Upper

248 100

250 195.5 76.3 114.5#

141 414.0 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: BF091025.D

Acq: 4 Nov 2016 15:43

Instrument :

BNA_F

ClientSampleId :

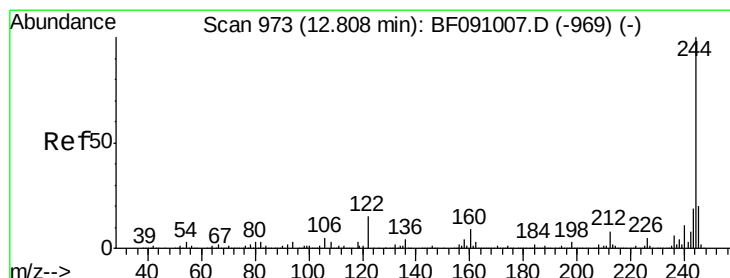
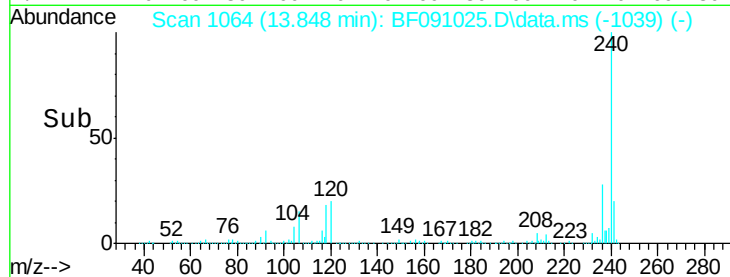
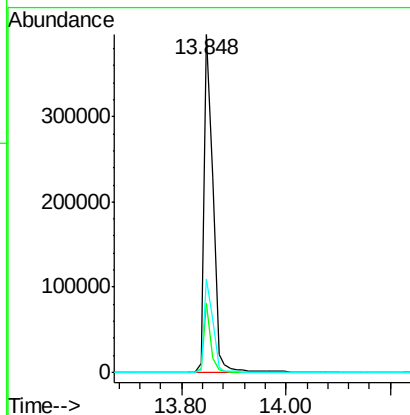
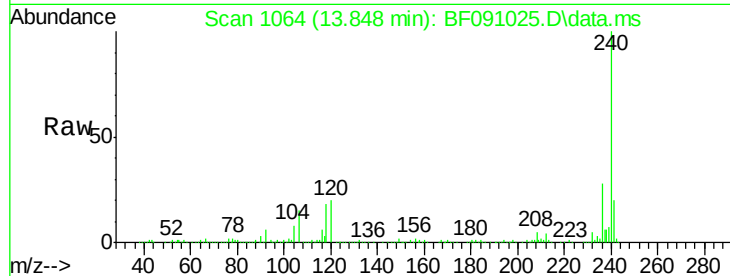
Tot Ion:240 Resp: 474587

Ion Ratio Lower Upper

240 100

120 20.3 12.9 19.3#

236 27.7 21.9 32.9



#78

Terphenyl-d14

Concen: 108.76 ng

RT: 12.808 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF091025.D

Acq: 4 Nov 2016 15:43

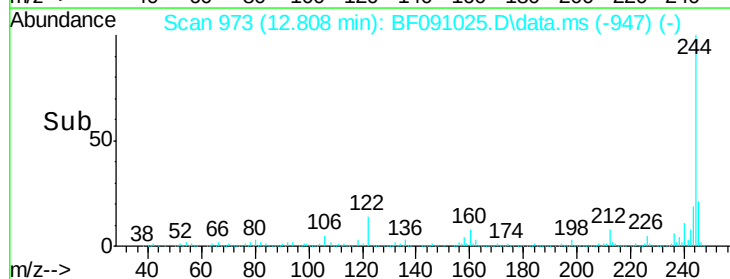
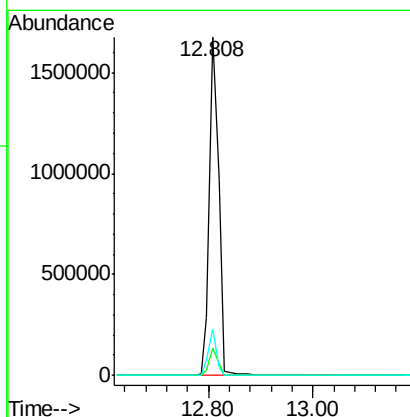
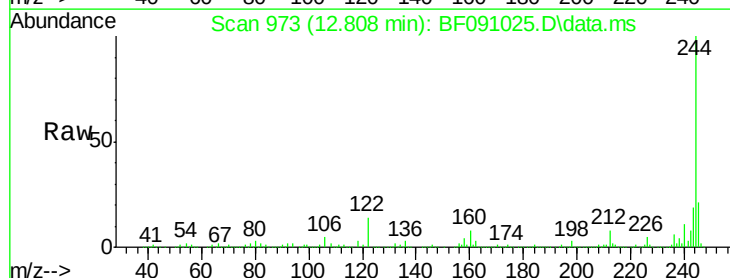
Tgt Ion:244 Resp: 2068405

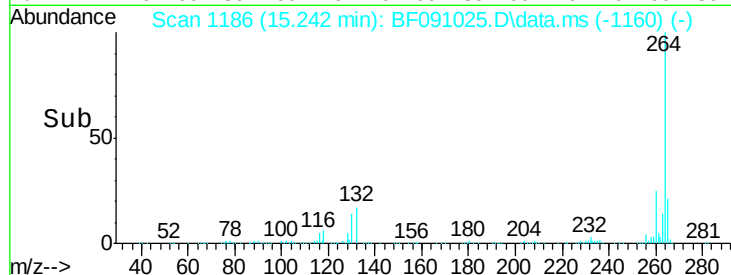
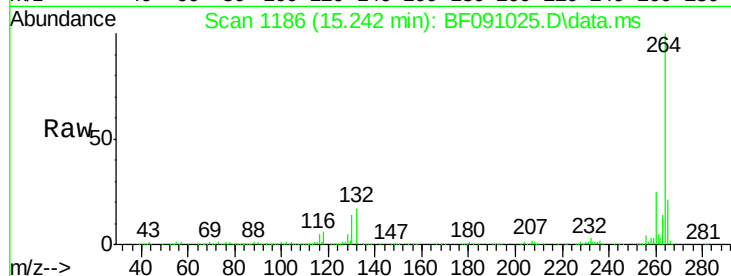
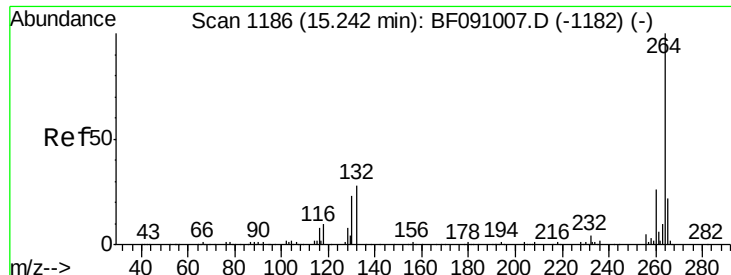
Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 13.8 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: BF091025.D
Acq: 4 Nov 2016 15:43

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	21.5	17.8	26.8

Instrument :
BNA_F
ClientSampleId :

