

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090923.D
 Acq On : 31 Oct 2016 13:00
 Operator : UM/SJ
 Sample : H5411-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:32:43 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	167001	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	659756	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	356874	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	592577	20.00	ng	-0.02
75) Chrysene-d12	13.905	240	493735	20.00	ng	-0.02
86) Perylene-d12	15.300	264	345001	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	765700	80.16	ng	-0.01
7) Phenol-d6	6.384	99	581502	45.13	ng	-0.03
23) Nitrobenzene-d5	7.322	82	1296870	128.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.579	330	564937	154.04	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	2122000	104.41	ng	-0.02
78) Terphenyl-d14	12.865	244	2494783	127.30	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	29057	4.37	ng	# 57
15) Benzyl Alcohol	6.899	79	20195	2.39	ng	# 33
19) n-Nitroso-di-n-propyla...	7.322	70	169799	22.79	ng	# 48
25) Isophorone	7.322	82	1187254	58.05	ng	# 59
50) 2,6-Dinitrotoluene	9.779	165	45939	8.72	ng	# 39
56) 2,4-Dinitrotoluene	9.779	165	45941	7.02	ng	# 33
66) 4-Bromophenyl-phenylether	10.579	248	38348	5.91	ng	# 1
83) Bis(2-ethylhexyl)phtha...	13.882	149	40215	2.18	ng	# 92

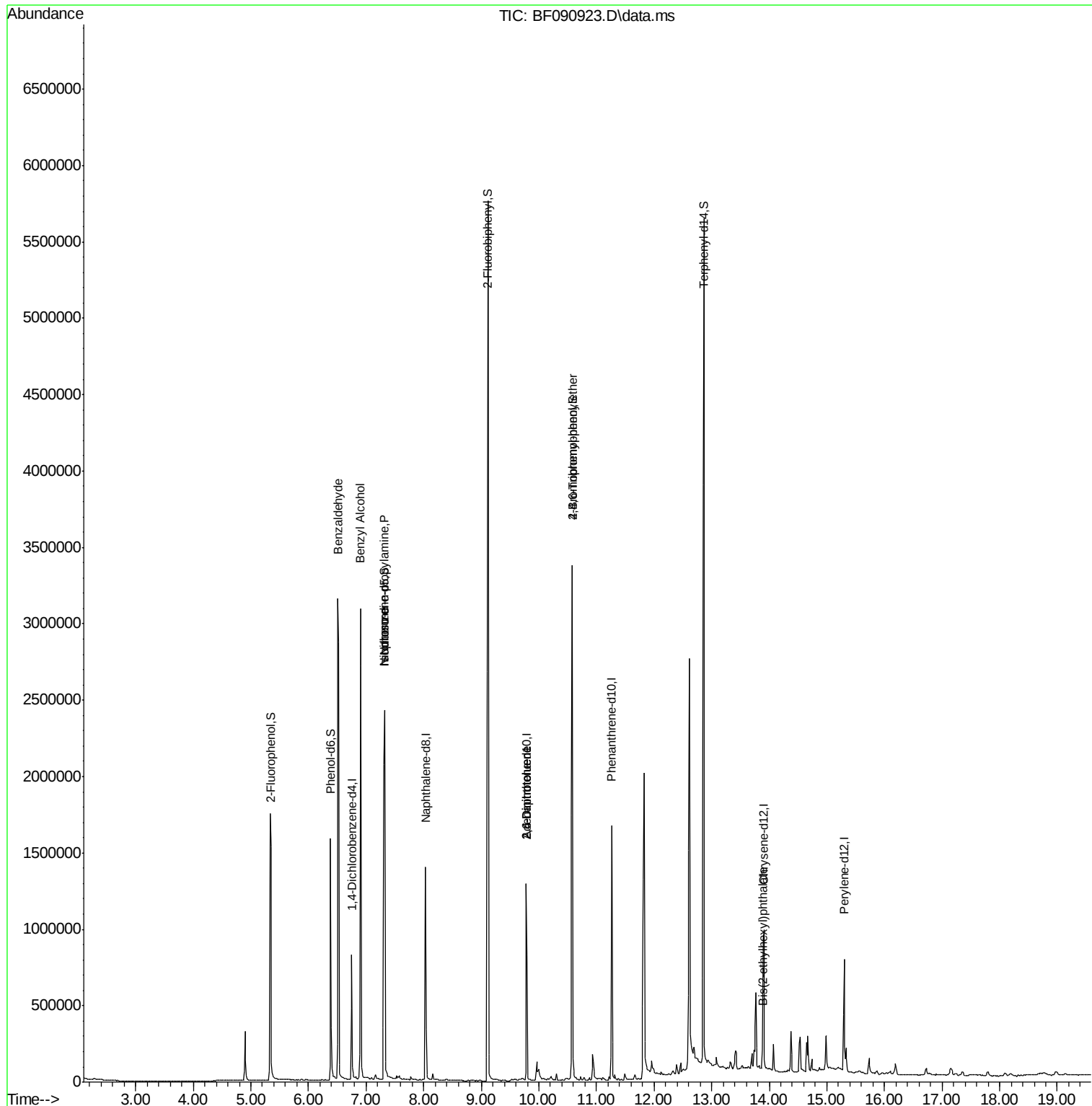
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
Data File : BF090923.D
Acq On    : 31 Oct 2016  13:00
Operator  : UM/SJ
Sample    : H5411-11
Misc      :
ALS Vial  : 3      Sample Multiplier: 1

```

Quant Time: Nov 01 10:32:43 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: BF090923.D

Acq: 31 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

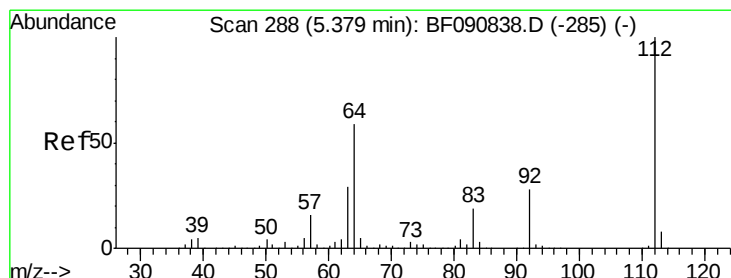
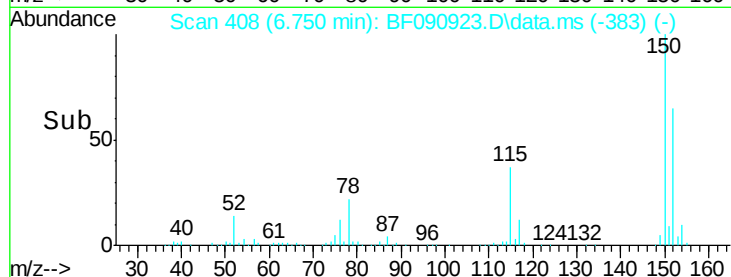
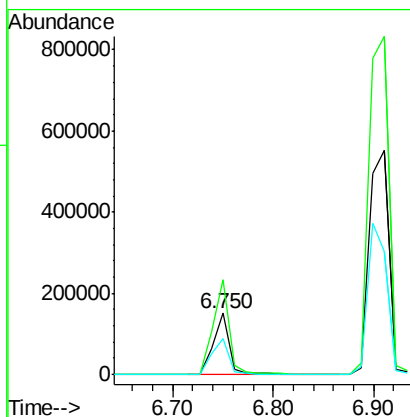
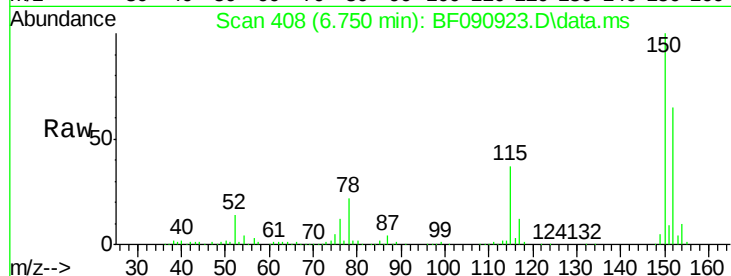
Tot Ion:152 Resp: 167001

Ion Ratio Lower Upper

152 100

150 155.0 124.7 187.1

115 57.6 39.0 58.4



#5

2-Fluorophenol

Concen: 80.16 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.011 min

Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

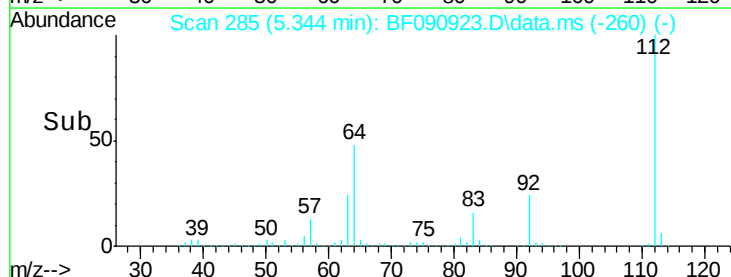
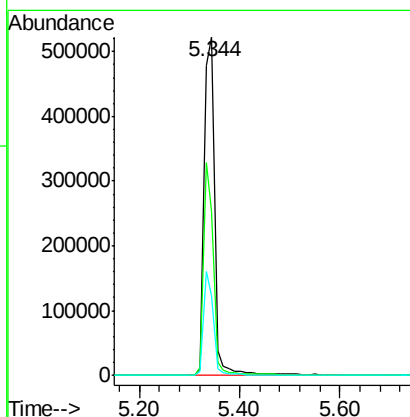
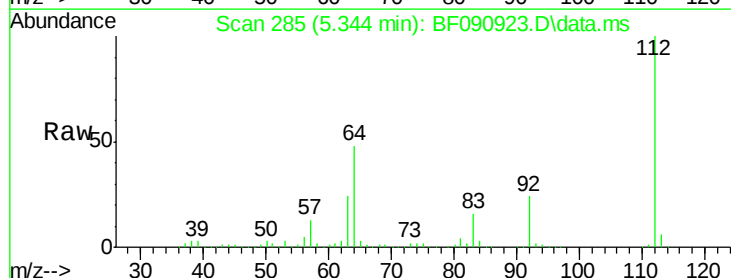
Tgt Ion:112 Resp: 765700

Ion Ratio Lower Upper

112 100

64 48.4 39.7 59.5

63 23.7 17.4 26.0





#7

Phenol-d6

Concen: 45.13 ng

RT: 6.384 min Scan# 37

Delta R.T. -0.034 min

Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

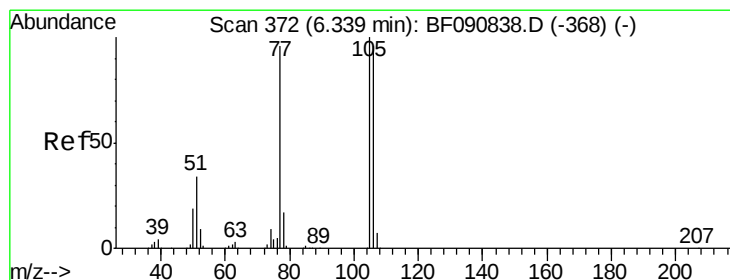
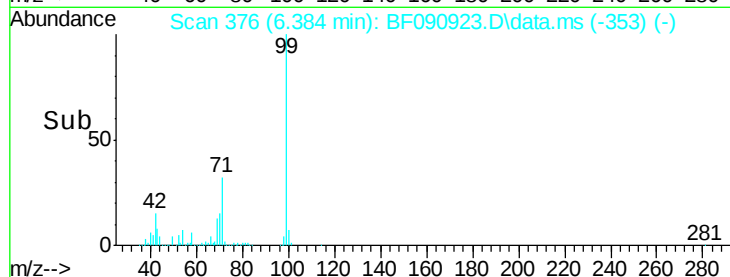
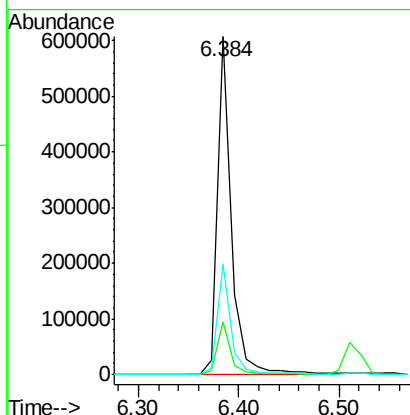
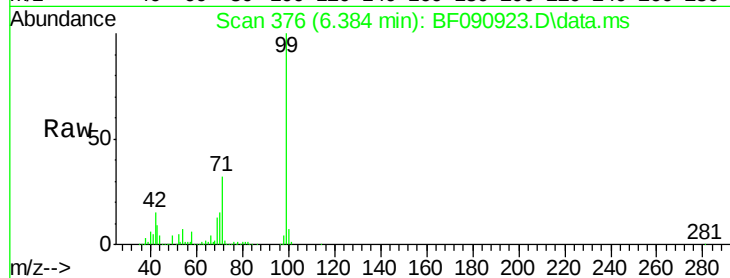
Tot Ion: 99 Resp: 581502

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

71 32.4 14.2 21.2#



#9

Benzaldehyde

Concen: 4.37 ng

RT: 6.510 min Scan# 387

Delta R.T. 0.206 min

Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

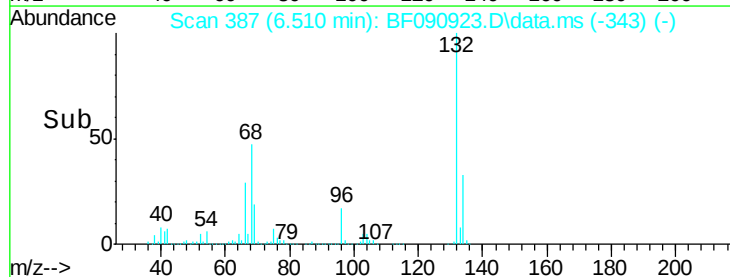
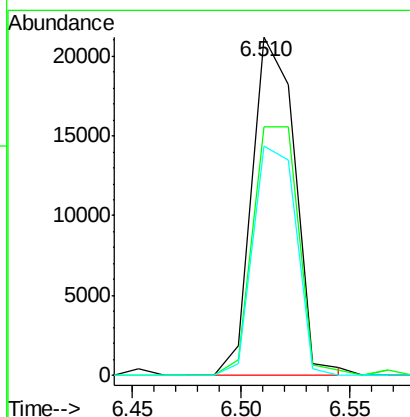
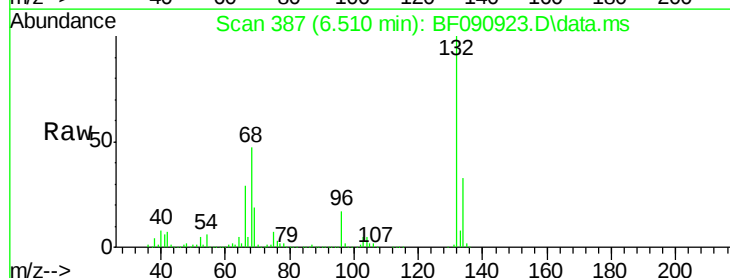
Tgt Ion: 77 Resp: 29057

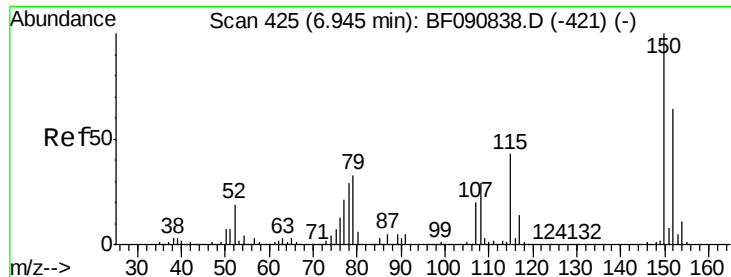
Ion Ratio Lower Upper

77 100

105 73.4 91.6 131.6#

106 67.8 102.6 142.6#

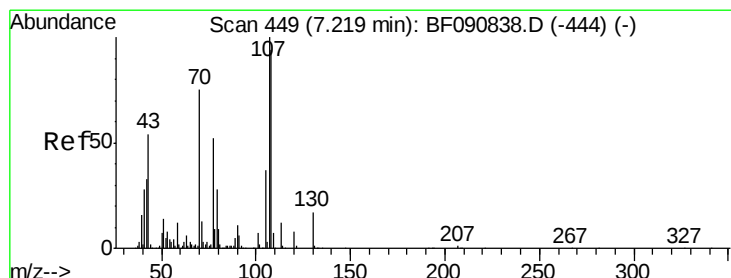
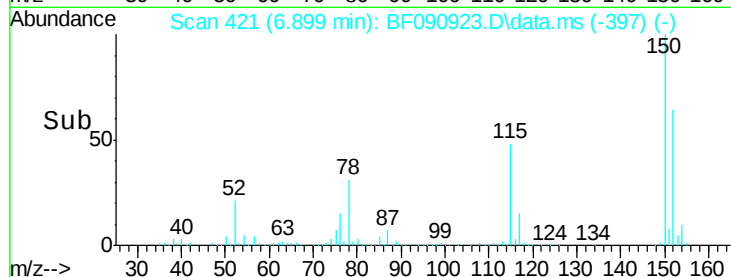
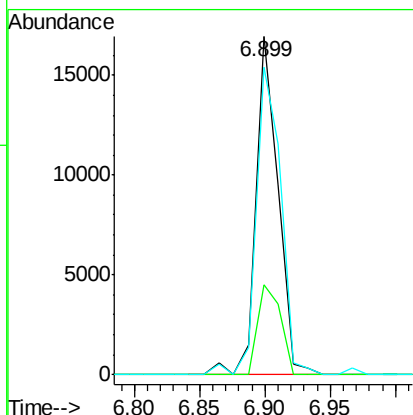
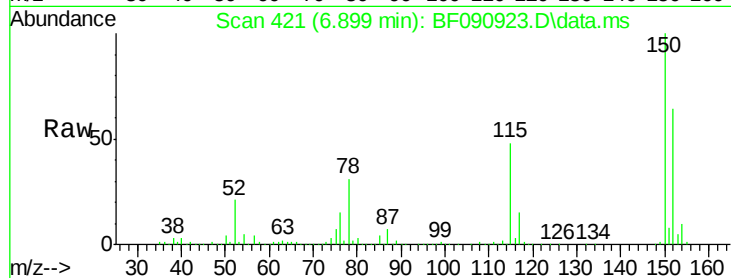




#15
Benzyl Alcohol
Concen: 2.39 ng
RT: 6.899 min Scan# 421
Delta R.T. -0.023 min
Lab File: BF090923.D
Acq: 31 Oct 2016 13:00

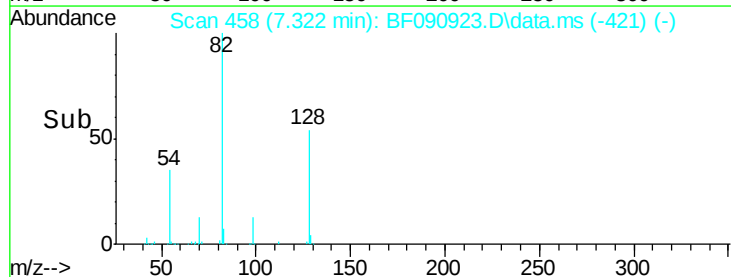
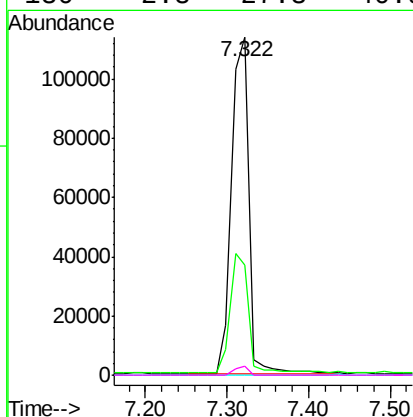
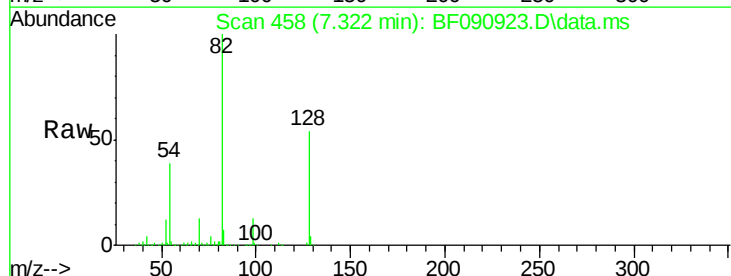
Instrument :
BNA_F
ClientSampleId :

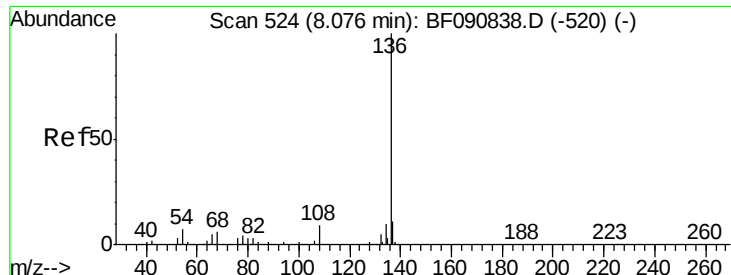
Tot Ion: 79 Resp: 20195
Ion Ratio Lower Upper
79 100
108 26.6 88.6 132.8#
77 90.8 47.0 70.4#



#19
n-Nitroso-di-n-propylamine
Concen: 22.79 ng
RT: 7.322 min Scan# 458
Delta R.T. 0.126 min
Lab File: BF090923.D
Acq: 31 Oct 2016 13:00

Tgt Ion: 70 Resp: 169799
Ion Ratio Lower Upper
70 100
42 32.7 63.8 95.6#
101 0.0 9.2 13.8#
130 2.8 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.030 min Scan# 52

Delta R.T. -0.023 min

Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 659756

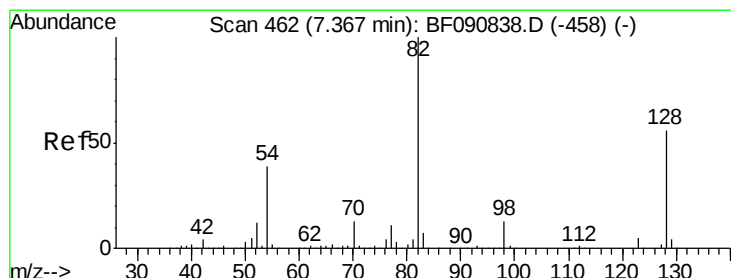
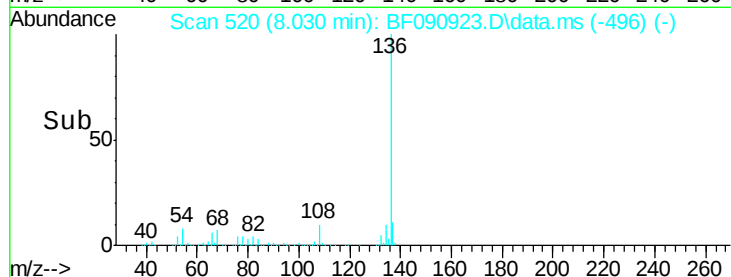
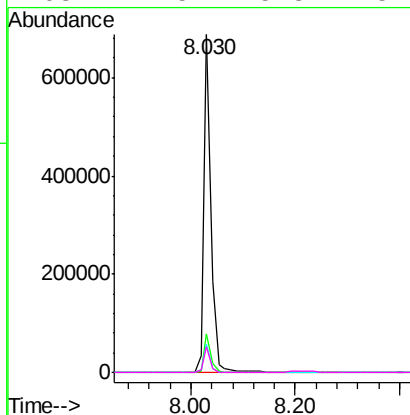
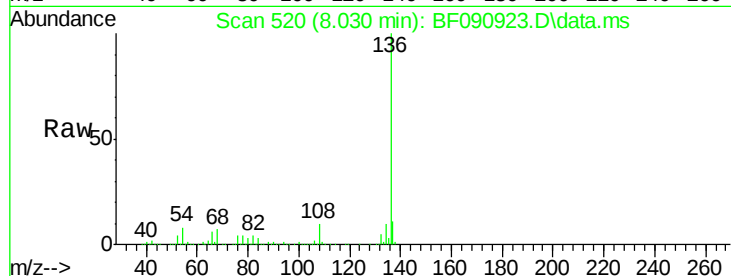
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.3 8.2 12.2

68 7.5 5.8 8.6



#23

Nitrobenzene-d5

Concen: 128.68 ng

RT: 7.322 min Scan# 458

Delta R.T. -0.011 min

Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

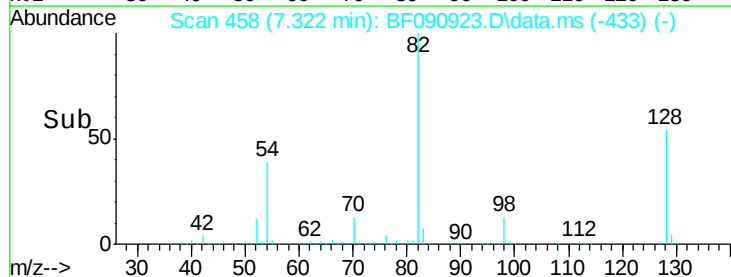
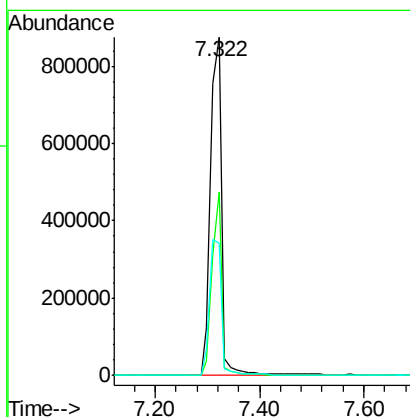
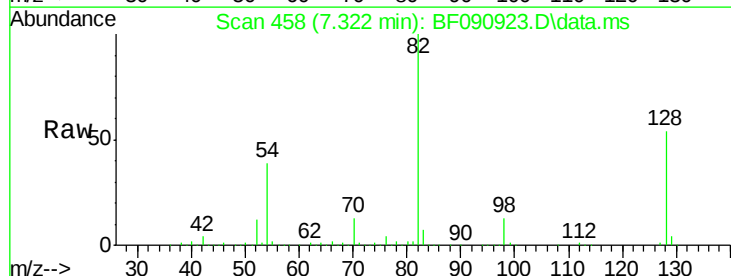
Tgt Ion: 82 Resp: 1296870

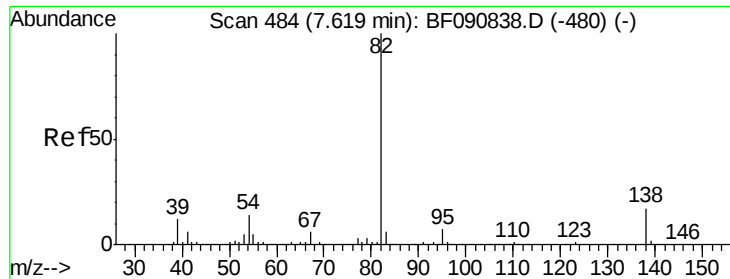
Ion Ratio Lower Upper

82 100

128 54.0 51.0 76.6

54 39.2 47.5 71.3#





#25

Isophorone

Concen: 58.05 ng

RT: 7.322 min Scan# 45

Delta R.T. -0.274 min

Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

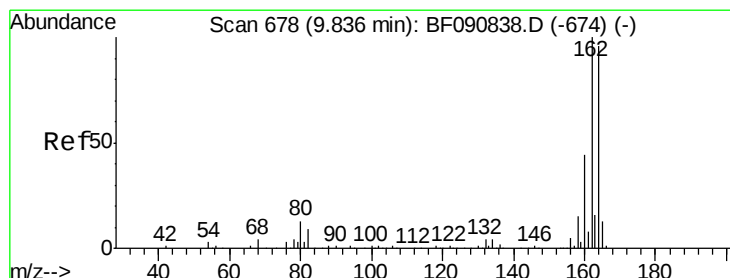
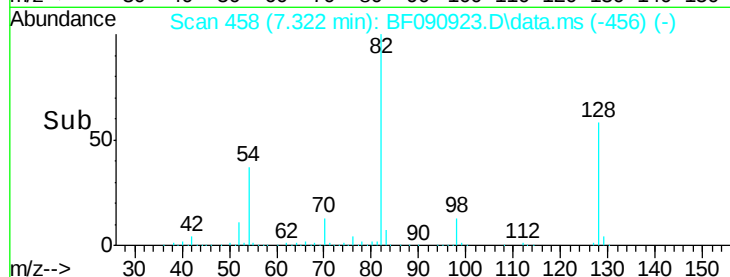
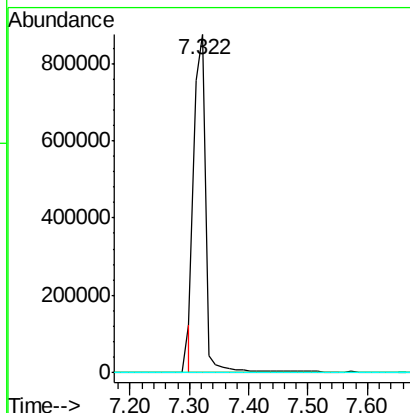
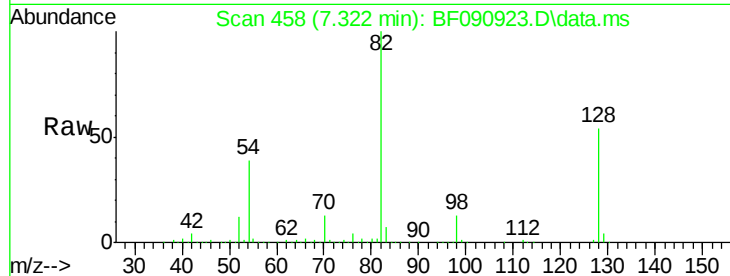
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1187254

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# 673

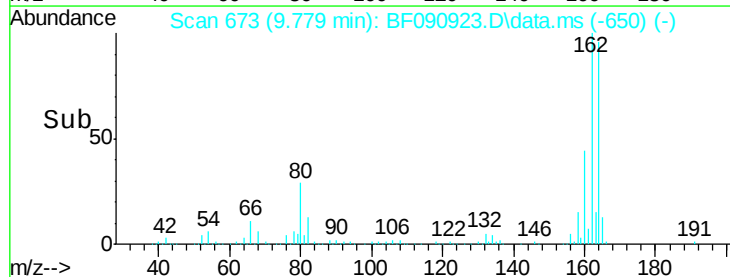
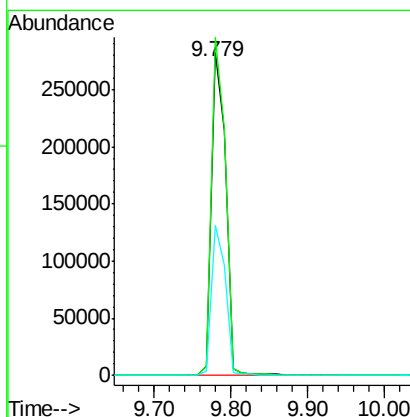
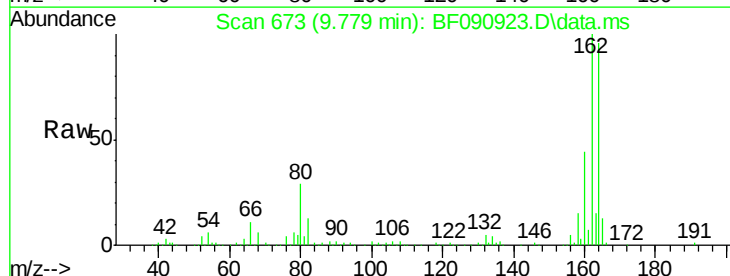
Delta R.T. -0.034 min

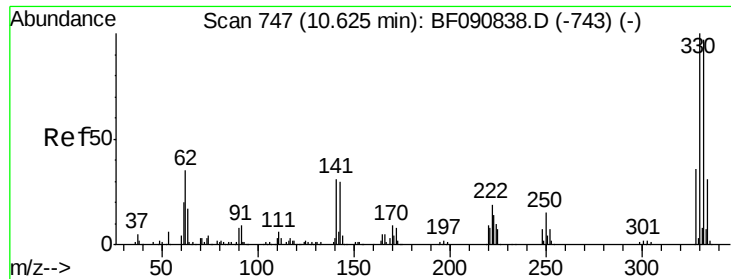
Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

Tgt Ion: 164 Resp: 356874

Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	46.3	31.5	47.3

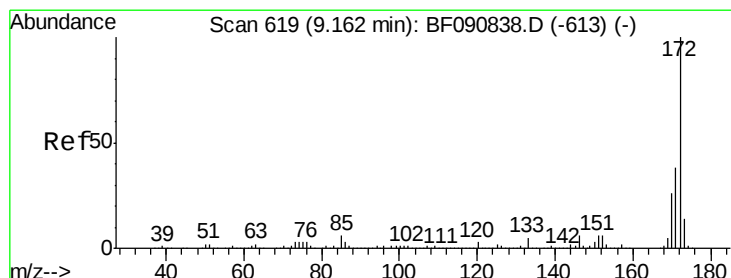
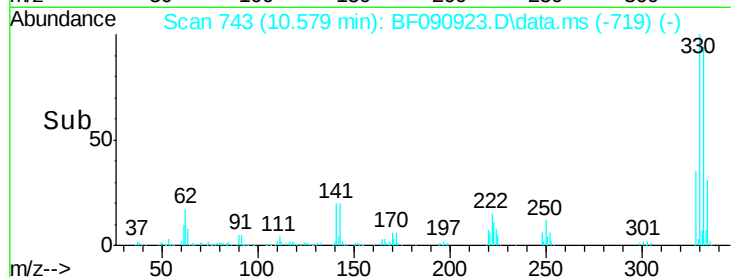
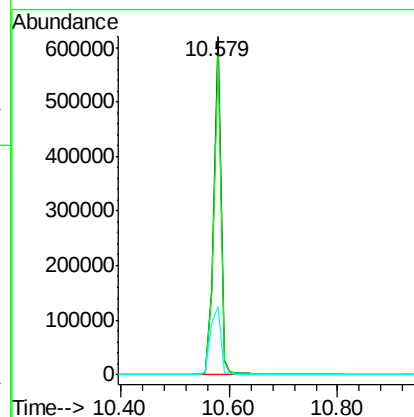
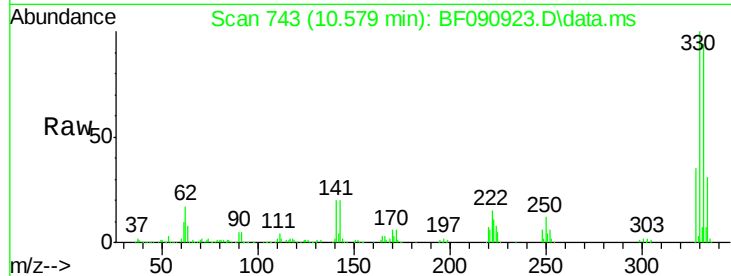




#41
 2,4,6-Tribromophenol
 Concen: 154.04 ng
 RT: 10.579 min Scan# 74
 Delta R.T. -0.023 min
 Lab File: BF090923.D
 Acq: 31 Oct 2016 13:00

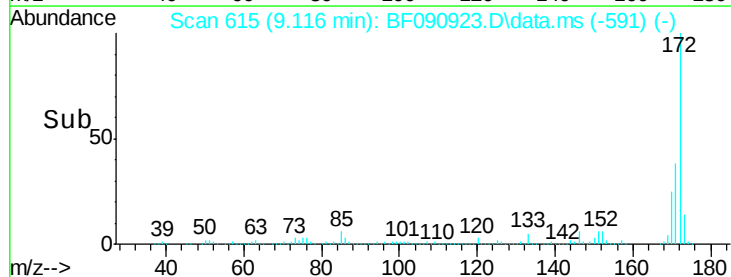
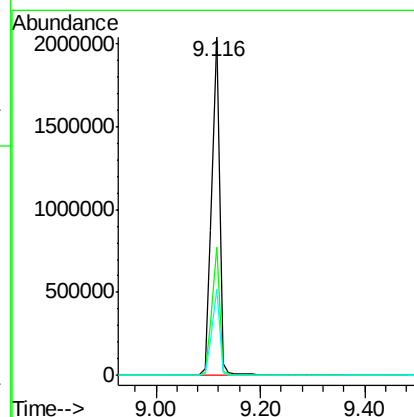
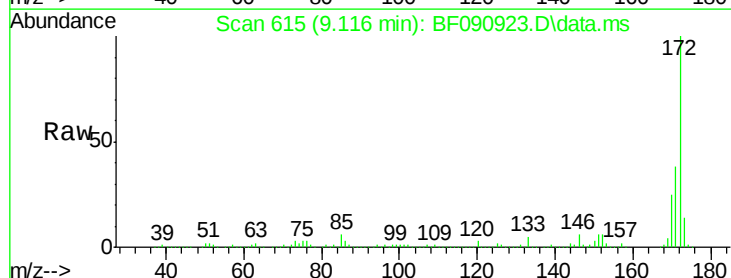
Instrument :
 BNA_F
 ClientSampleId :

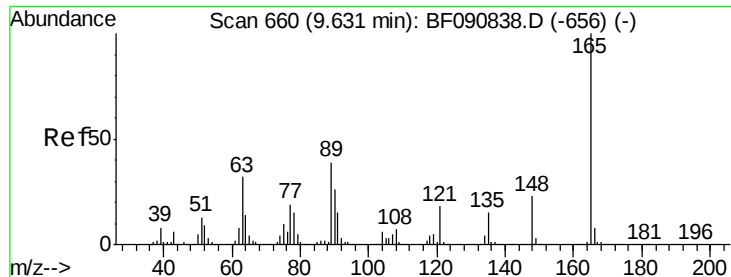
Tot Ion:330 Resp: 564937
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 28.3 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 104.41 ng
 RT: 9.116 min Scan# 615
 Delta R.T. -0.023 min
 Lab File: BF090923.D
 Acq: 31 Oct 2016 13:00

Tgt Ion:172 Resp: 2122000
 Ion Ratio Lower Upper
 172 100
 171 37.8 26.1 39.1
 170 25.5 17.4 26.2

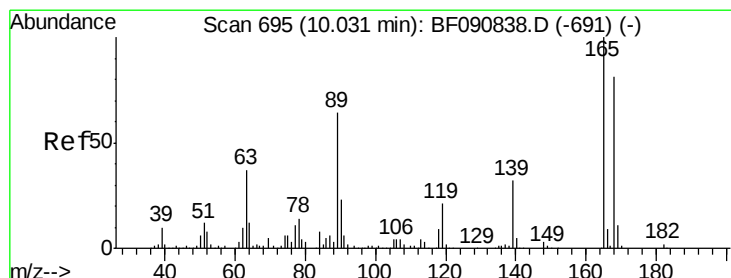
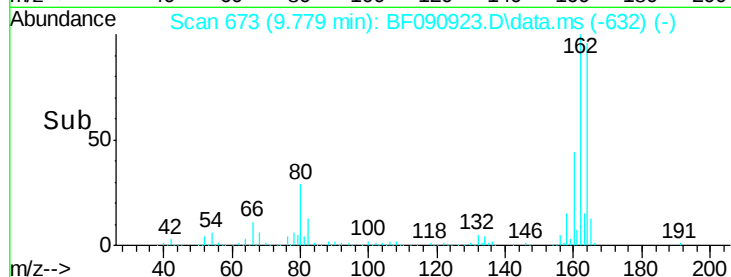
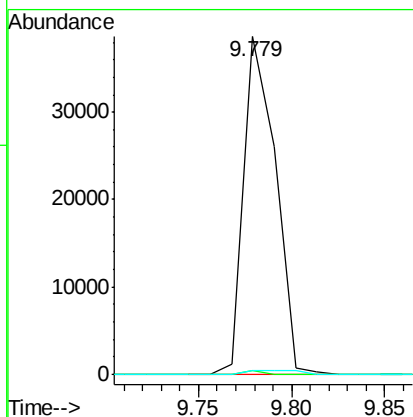
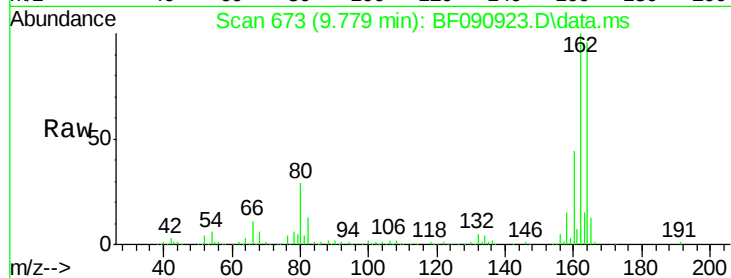




#50
 2,6-Dinitrotoluene
 Concen: 8.72 ng
 RT: 9.779 min Scan# 67
 Delta R.T. 0.172 min
 Lab File: BF090923.D
 Acq: 31 Oct 2016 13:00

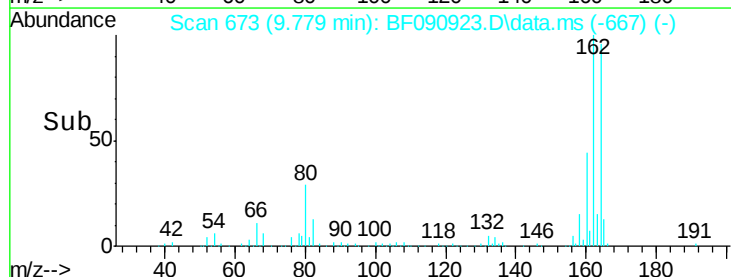
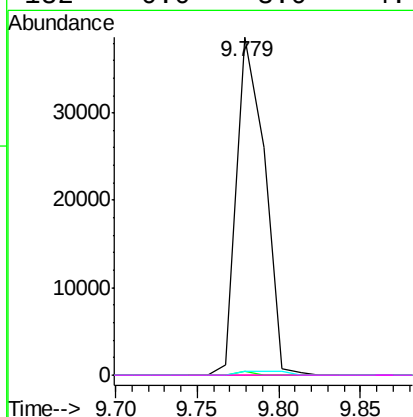
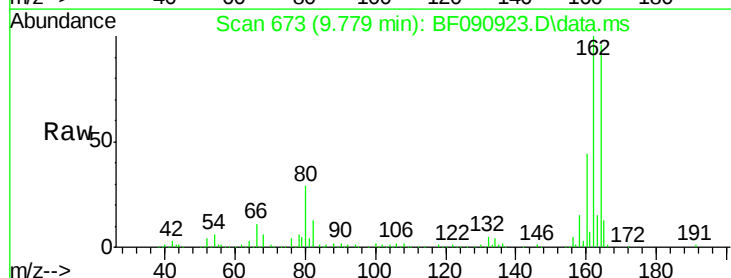
Instrument :
 BNA_F
 ClientSampleId :

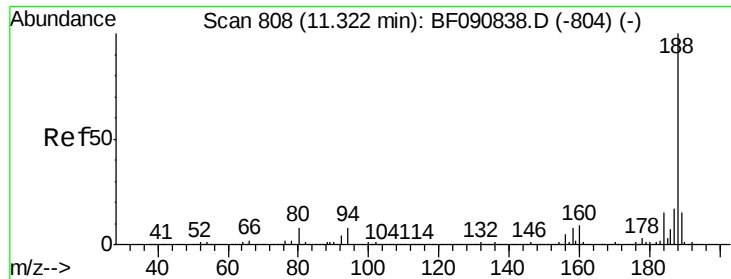
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.3	48.5#
89	1.3	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.779 min Scan# 673
 Delta R.T. -0.228 min
 Lab File: BF090923.D
 Acq: 31 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

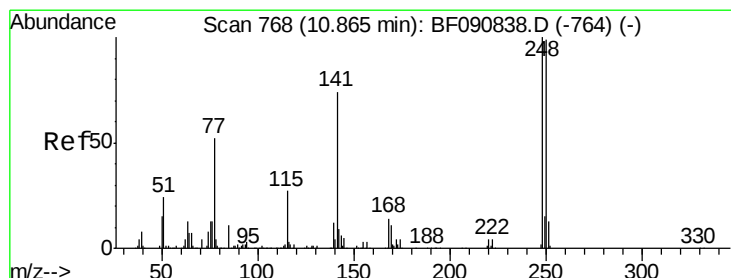
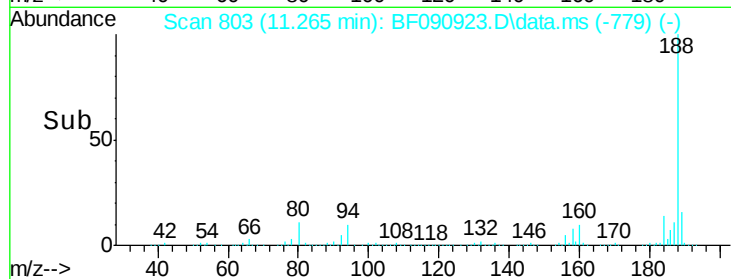
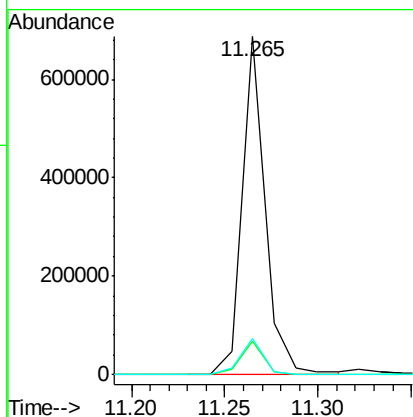
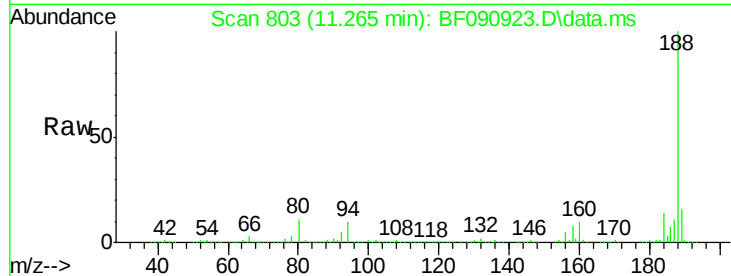




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 80
 Delta R.T. -0.023 min
 Lab File: BF090923.D
 Acq: 31 Oct 2016 13:00

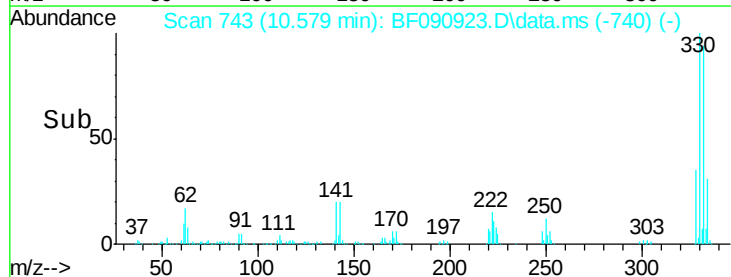
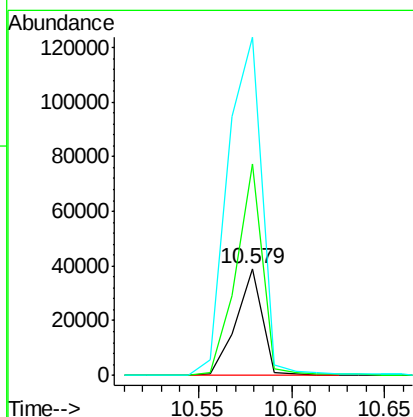
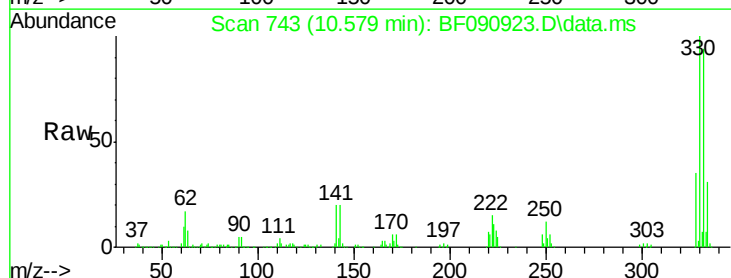
Instrument :
 BNA_F
 ClientSampleId :

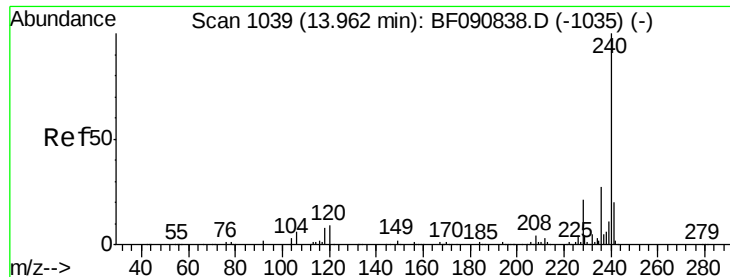
Tot Ion:188 Resp: 592577
 Ion Ratio Lower Upper
 188 100
 94 9.8 11.1 16.7#
 80 10.6 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 5.91 ng
 RT: 10.579 min Scan# 743
 Delta R.T. -0.263 min
 Lab File: BF090923.D
 Acq: 31 Oct 2016 13:00

Tgt Ion:248 Resp: 38348
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.5 117.7#
 141 316.0 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.905 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

Instrument :

BNA_F

ClientSampleId :

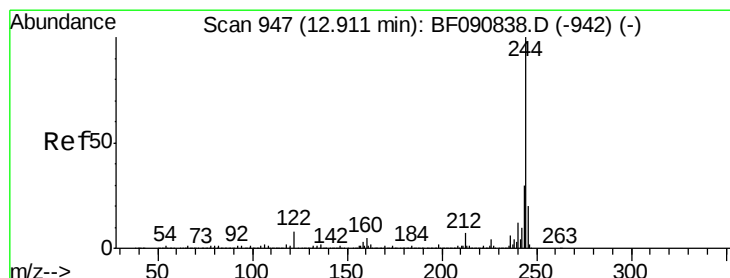
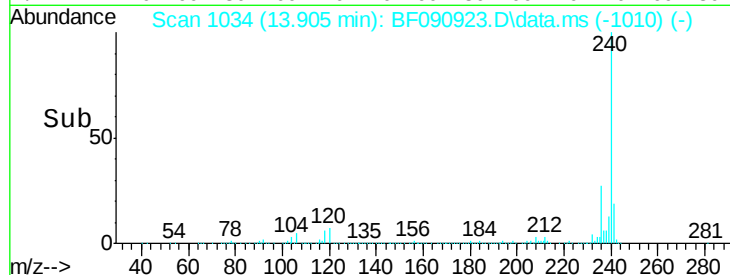
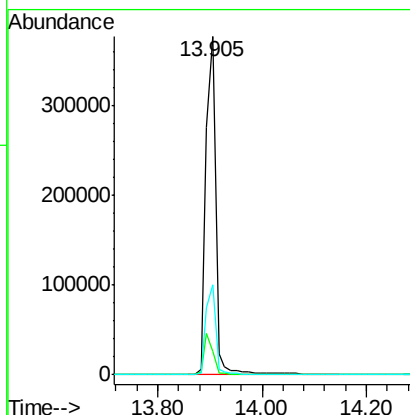
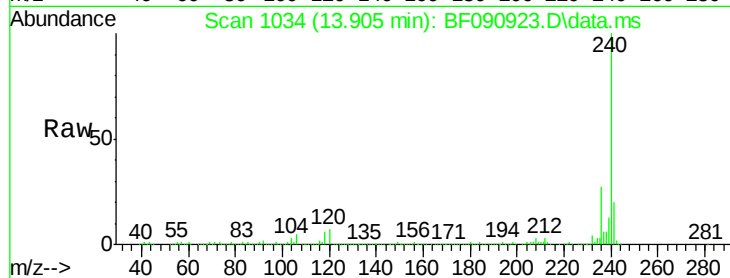
Tot Ion:240 Resp: 493735

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

236 26.7 18.4 27.6



#78

Terphenyl-d14

Concen: 127.30 ng

RT: 12.865 min Scan# 943

Delta R.T. -0.011 min

Lab File: BF090923.D

Acq: 31 Oct 2016 13:00

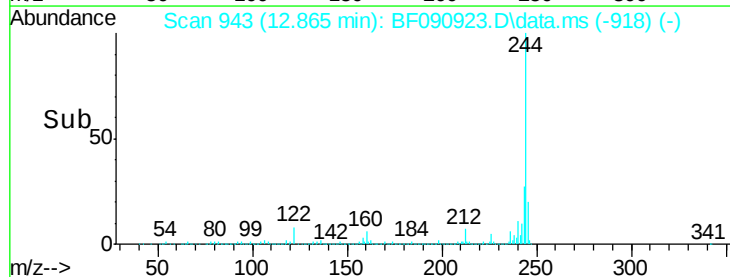
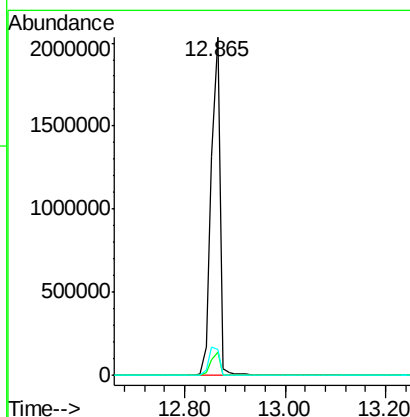
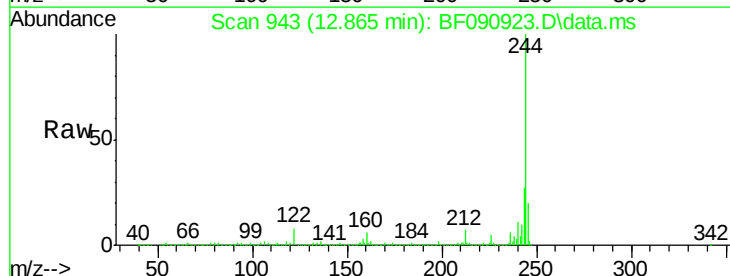
Tgt Ion:244 Resp: 2494783

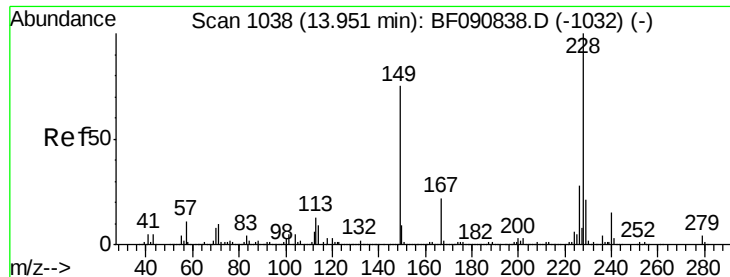
Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

122 7.6 17.4 26.2#

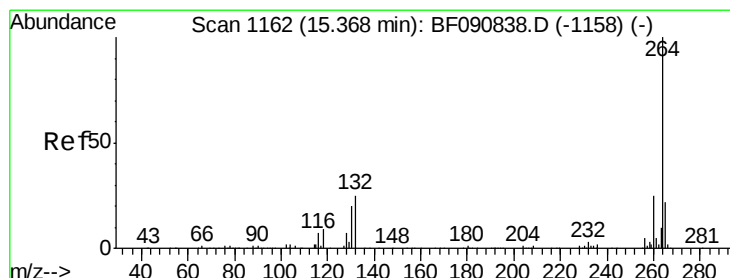
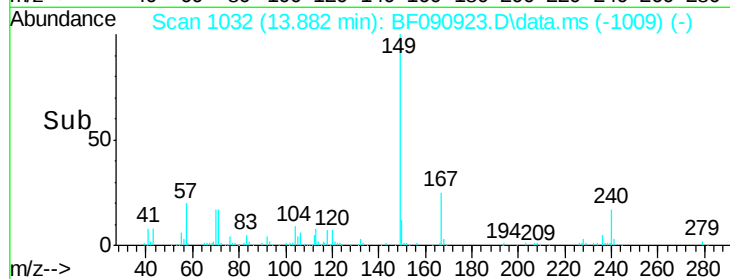
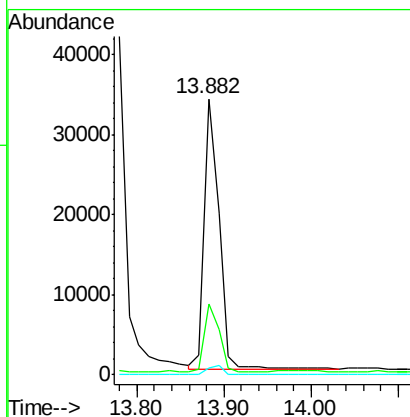
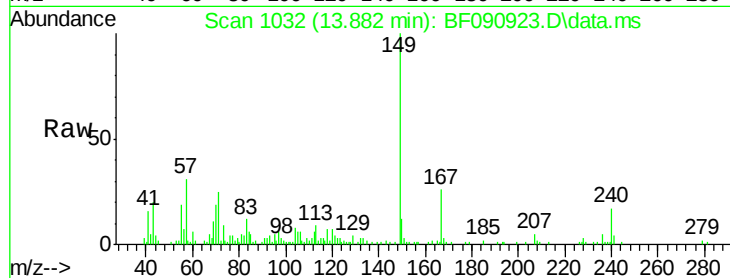




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.18 ng
 RT: 13.882 min Scan# 1032
 Delta R.T. -0.034 min
 Lab File: BF090923.D
 Acq: 31 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	24.2	36.2
279	2.4	3.8	5.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.300 min Scan# 1156
 Delta R.T. -0.034 min
 Lab File: BF090923.D
 Acq: 31 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.6	17.2	25.8

