

Data Path : Z:\HPCHEM1\BNA F\Data\BF101916\
 Data File : BF090651.D
 Acq On : 19 Oct 2016 16:52
 Operator : UM/SJ
 Sample : H5296-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Quant Time: Oct 19 17:23:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

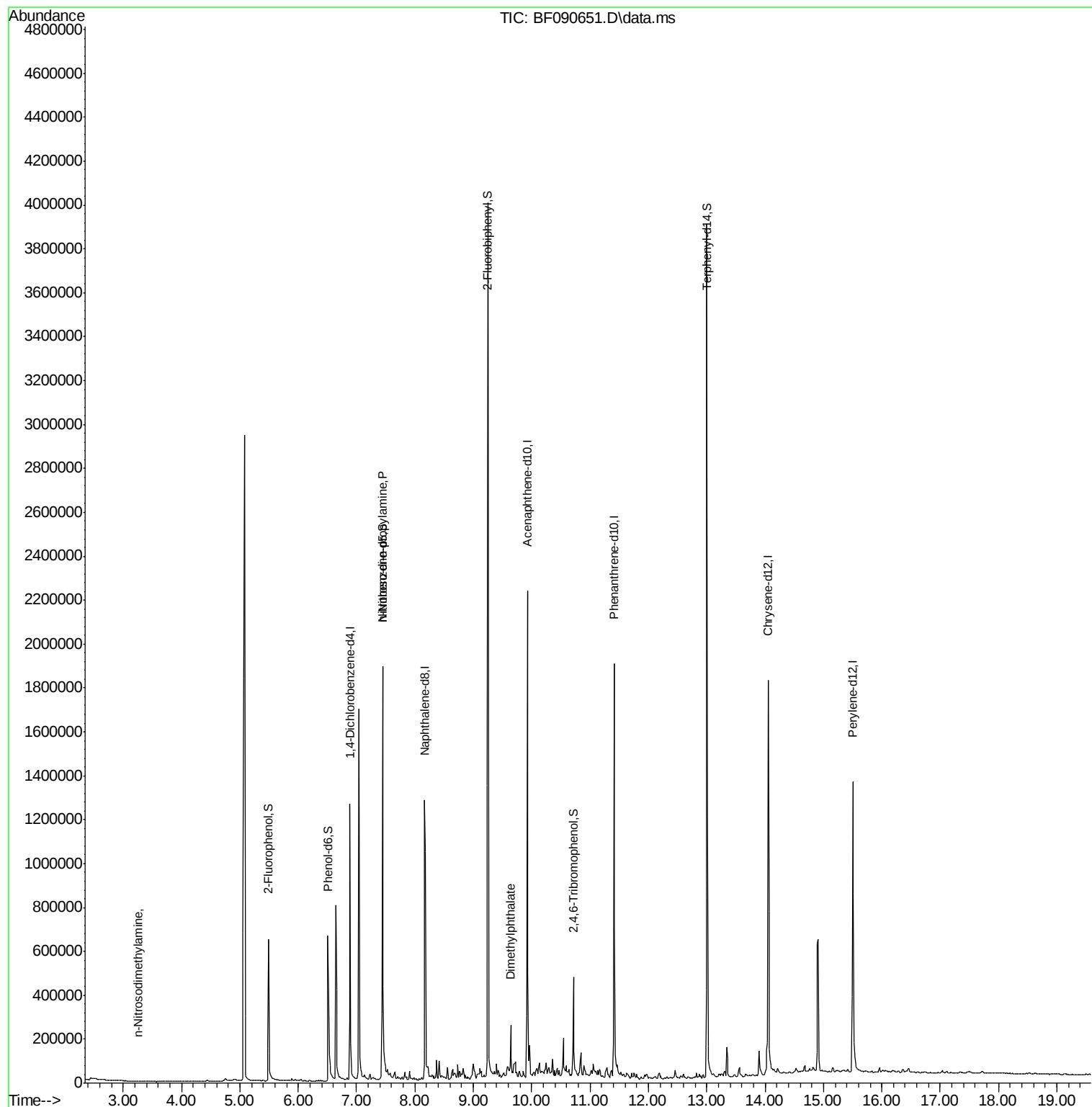
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.886	152	200125	20.00	ng	-0.02
21) Naphthalene-d8	8.166	136	865075	20.00	ng	-0.03
38) Acenaphthene-d10	9.926	164	465575	20.00	ng	-0.03
63) Phenanthrene-d10	11.412	188	776063	20.00	ng	-0.03
75) Chrysene-d12	14.052	240	682589	20.00	ng	-0.03
86) Perylene-d12	15.504	264	641622	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	203512	18.64	ng	-0.02
7) Phenol-d6	6.509	99	338175	20.85	ng	-0.03
23) Nitrobenzene-d5	7.446	82	748690	48.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	52170	12.57	ng	-0.03
44) 2-Fluorobiphenyl	9.252	172	1338854	47.38	ng	-0.02
78) Terphenyl-d14	13.001	244	1318476	44.97	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.263	42	473	7.25	ng	# 1
19) n-Nitroso-di-n-propyla...	7.446	70	90080	8.10	ng	# 79
49) Dimethylphthalate	9.640	163	94825	3.14	ng	100

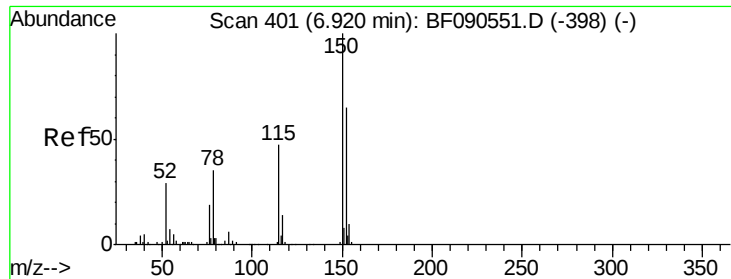
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.886 min Scan# 39

Delta R.T. -0.023 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

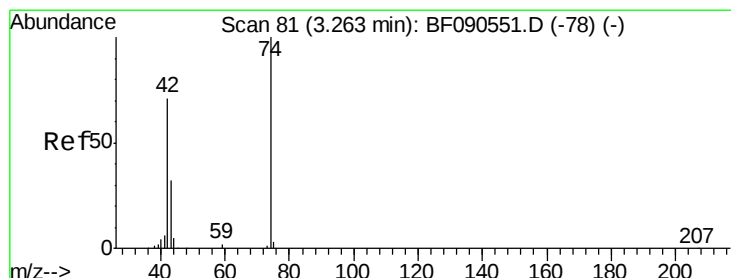
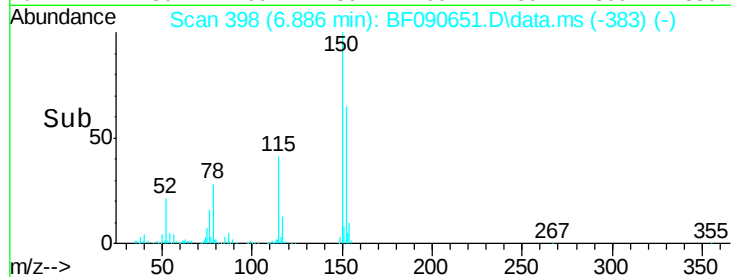
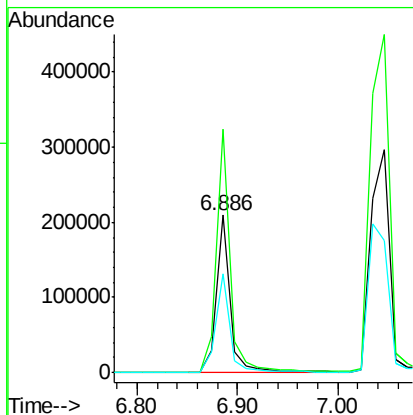
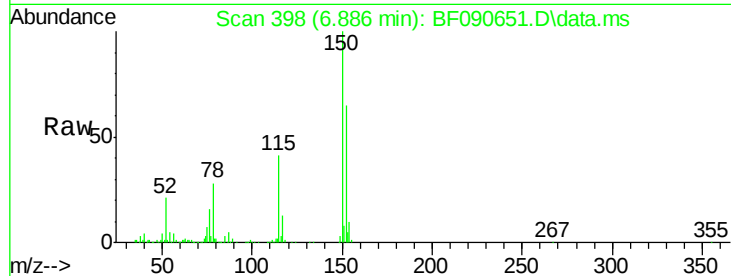
Tot Ion:152 Resp: 200125

Ion Ratio Lower Upper

152 100

150 154.6 127.2 190.8

115 63.1 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.25 ng

RT: 3.263 min Scan# 81

Delta R.T. 0.034 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

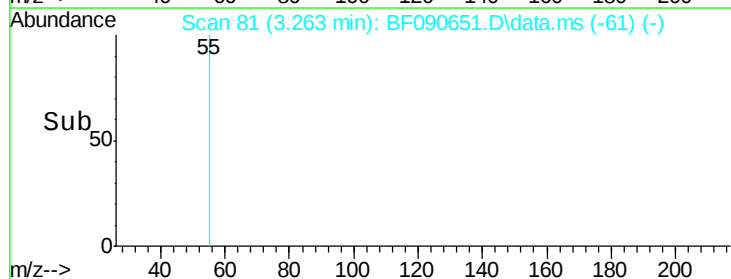
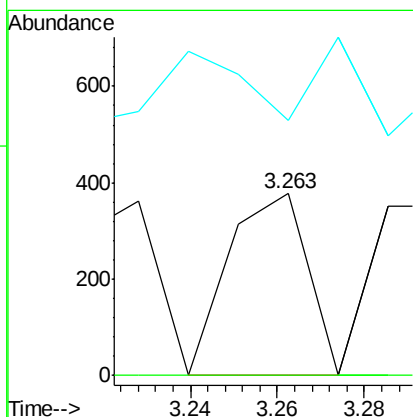
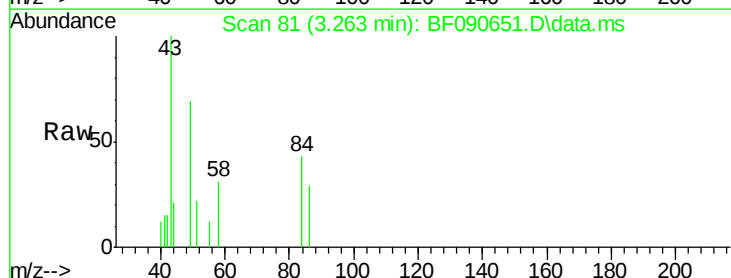
Tgt Ion: 42 Resp: 473

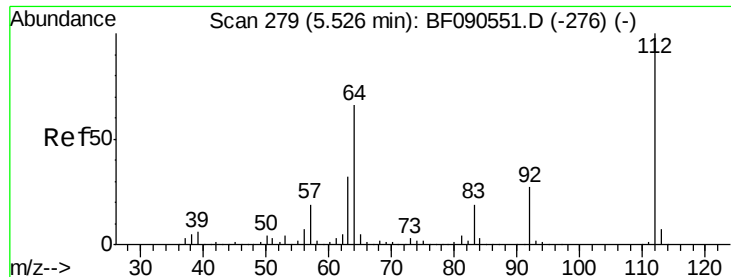
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 140.6 6.0 9.0#





#5

2-Fluorophenol

Concen: 18.64 ng

RT: 5.491 min Scan# 27

Delta R.T. -0.023 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

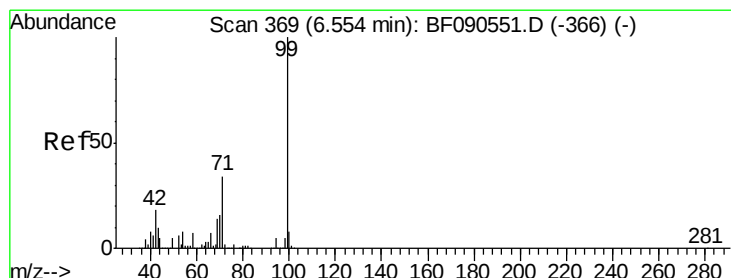
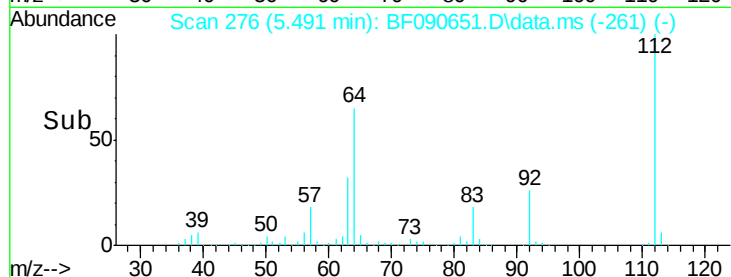
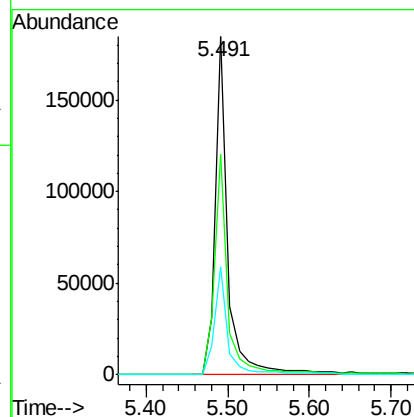
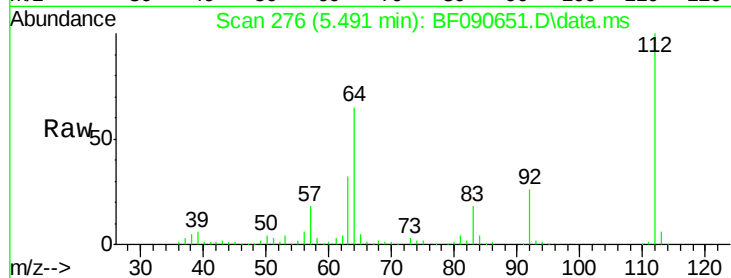
Tot Ion:112 Resp: 203512

Ion Ratio Lower Upper

112 100

64 65.1 52.6 78.8

63 31.7 26.0 39.0



#7

Phenol-d6

Concen: 20.85 ng

RT: 6.509 min Scan# 365

Delta R.T. -0.035 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

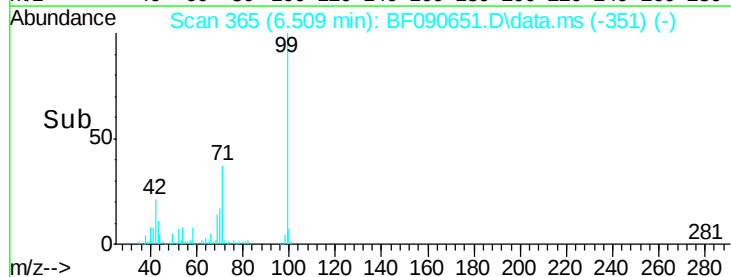
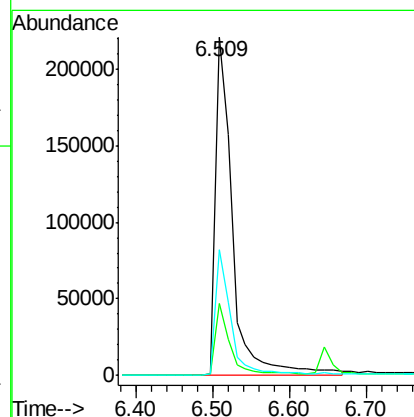
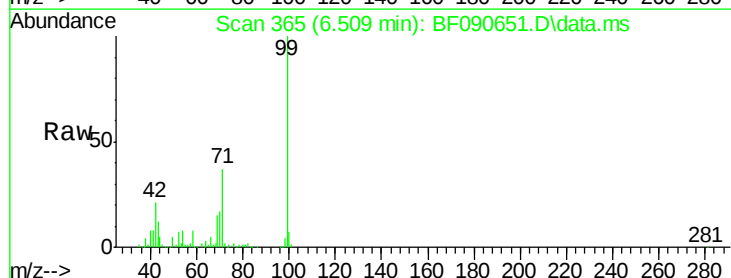
Tgt Ion: 99 Resp: 338175

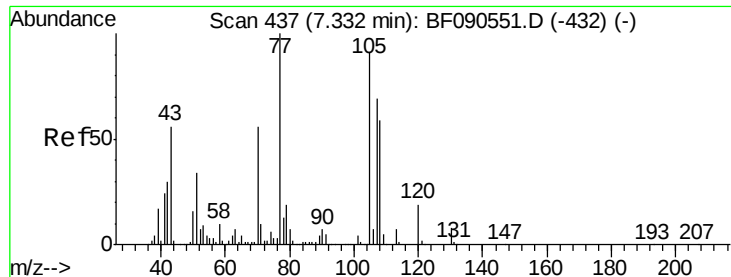
Ion Ratio Lower Upper

99 100

42 21.4 14.7 22.1

71 37.1 27.6 41.4





#19

n-Nitroso-di-n-propylamine

Concen: 8.10 ng

RT: 7.446 min Scan# 44

Delta R.T. 0.114 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

Tot Ion: 70 Resp: 90080

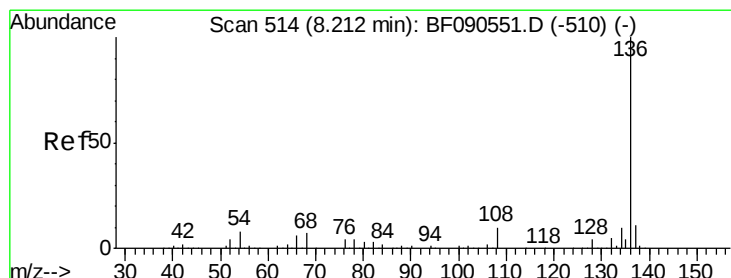
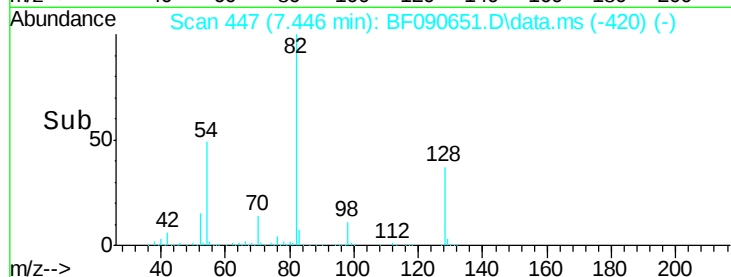
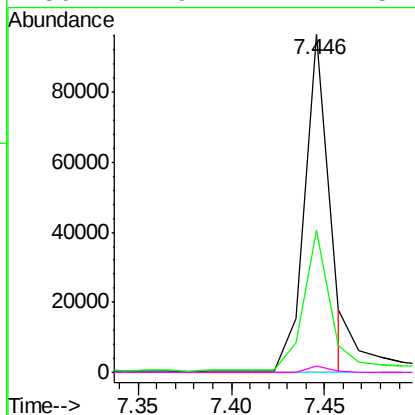
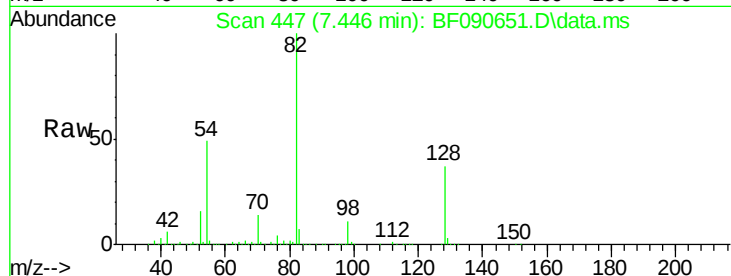
Ion Ratio Lower Upper

70 100

42 41.9 43.4 65.0#

101 0.0 6.4 9.6#

130 1.9 12.1 18.1#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.166 min Scan# 510

Delta R.T. -0.035 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Tgt Ion: 136 Resp: 865075

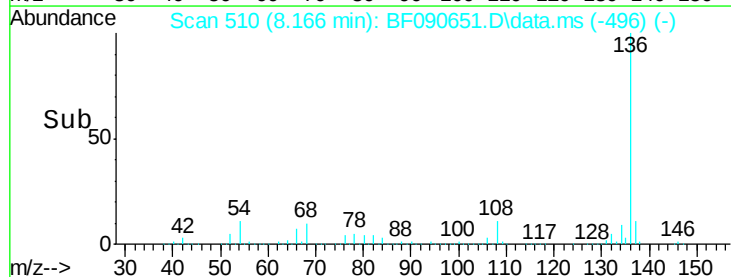
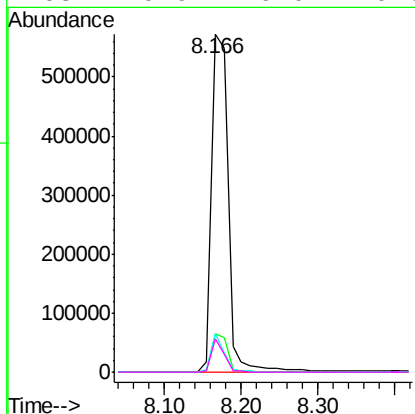
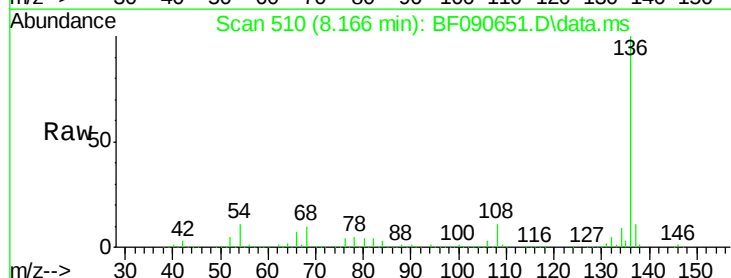
Ion Ratio Lower Upper

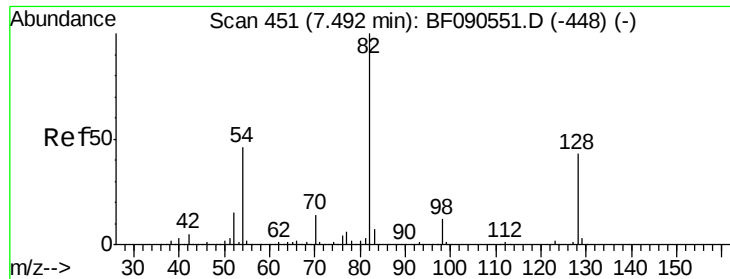
136 100

137 11.3 8.8 13.2

54 11.3 6.8 10.2#

68 9.9 6.0 9.0#

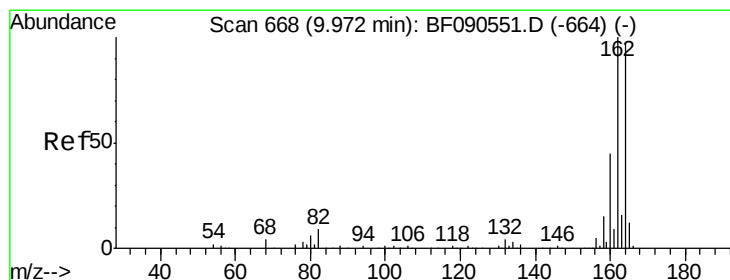
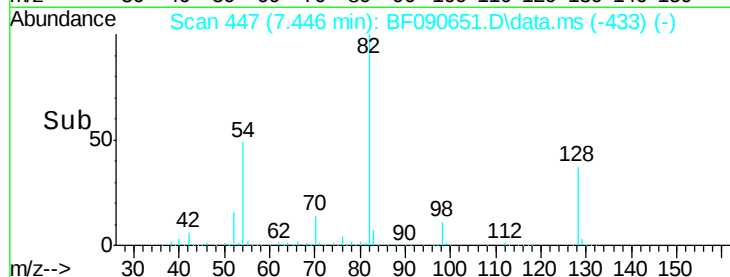
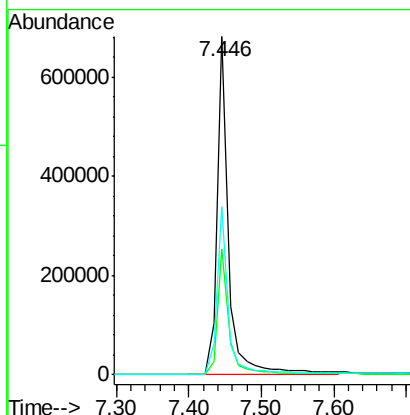
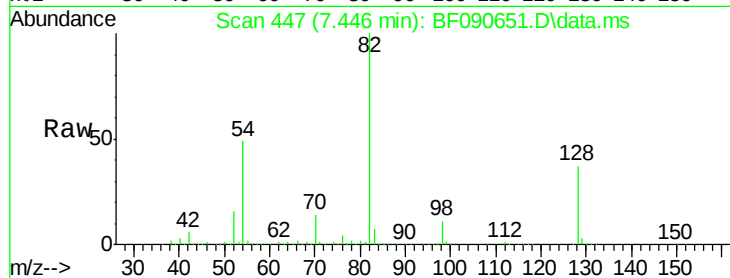




#23
 Nitrobenzene-d5
 Concen: 48.08 ng
 RT: 7.446 min Scan# 44
 Delta R.T. -0.035 min
 Lab File: BF090651.D
 Acq: 19 Oct 2016 16:52

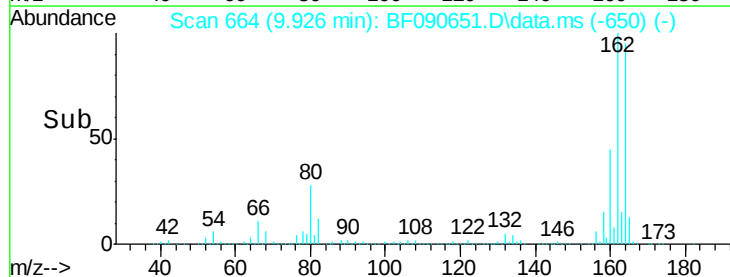
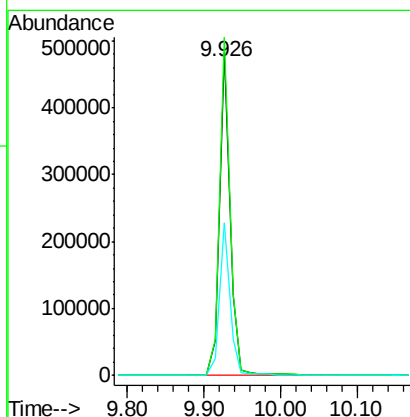
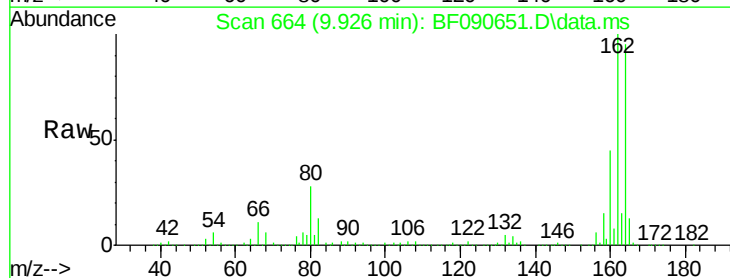
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

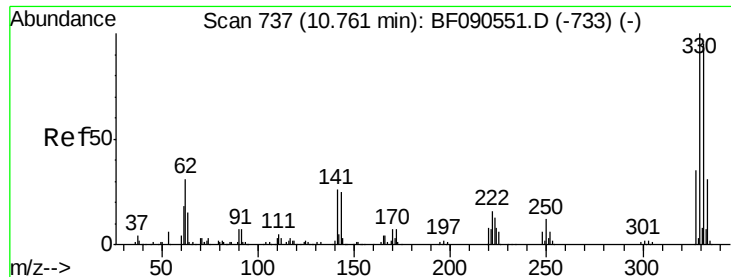
Tot Ion	82	Resp	748690
Ion Ratio	100	Lower	Upper
128	37.3	34.3	51.5
54	49.5	37.0	55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.926 min Scan# 664
 Delta R.T. -0.035 min
 Lab File: BF090651.D
 Acq: 19 Oct 2016 16:52

Tgt Ion	164	Resp	465575
Ion Ratio	100	Lower	Upper
162	104.7	82.2	123.4
160	47.3	36.6	55.0

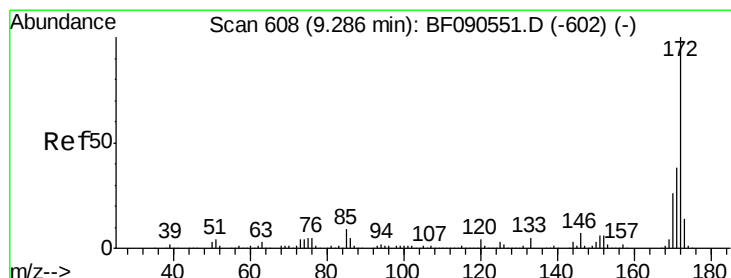
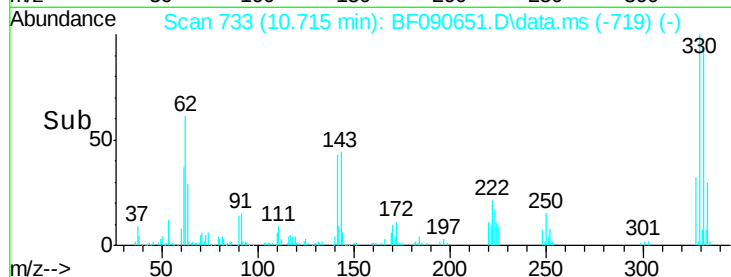
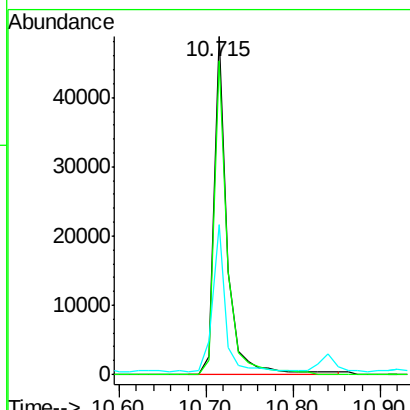
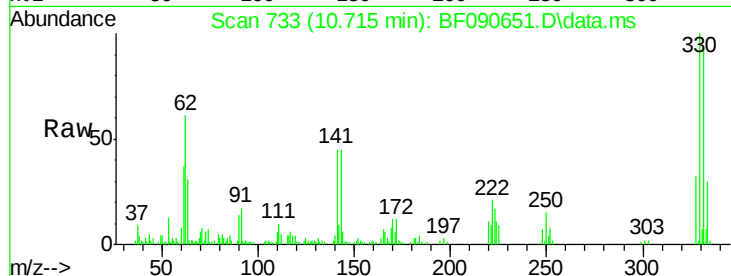




#41
 2,4,6-Tribromophenol
 Concen: 12.57 ng
 RT: 10.715 min Scan# 73
 Delta R.T. -0.035 min
 Lab File: BF090651.D
 Acq: 19 Oct 2016 16:52

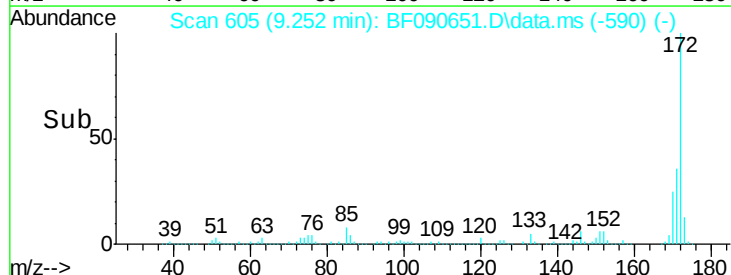
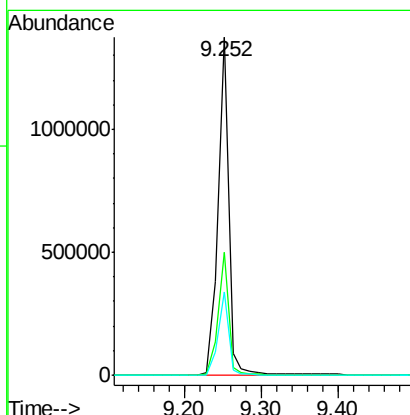
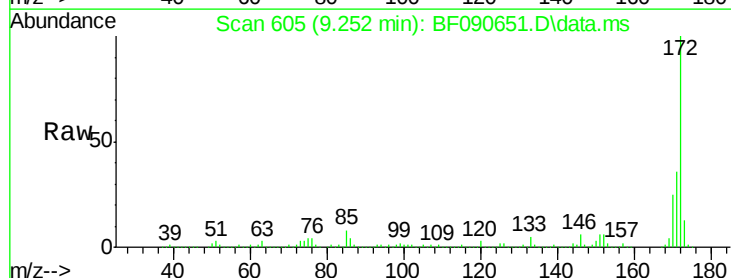
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

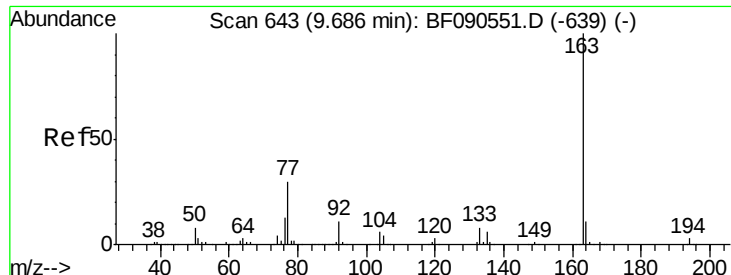
Tot Ion:330 Resp: 52170
 Ion Ratio Lower Upper
 330 100
 332 93.0 76.2 114.2
 141 43.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 47.38 ng
 RT: 9.252 min Scan# 605
 Delta R.T. -0.023 min
 Lab File: BF090651.D
 Acq: 19 Oct 2016 16:52

Tgt Ion:172 Resp: 1338854
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.1 45.1
 170 24.5 20.6 30.8





#49

Dimethylphthalate

Concen: 3.14 ng

RT: 9.640 min Scan# 63

Delta R.T. -0.035 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

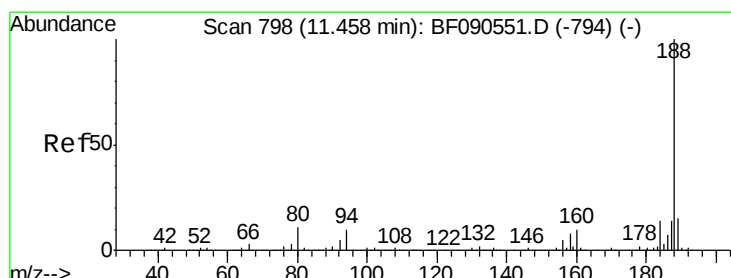
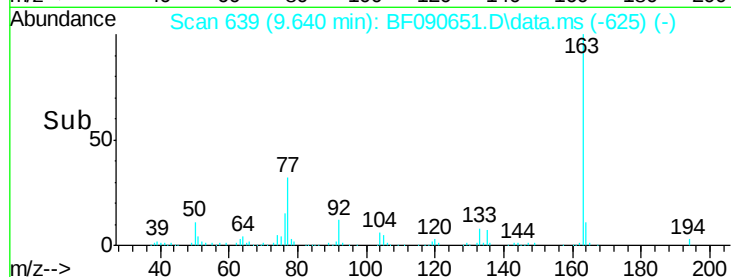
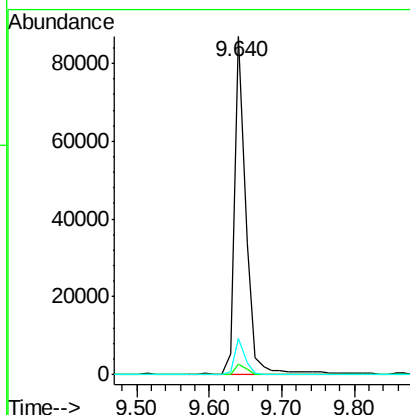
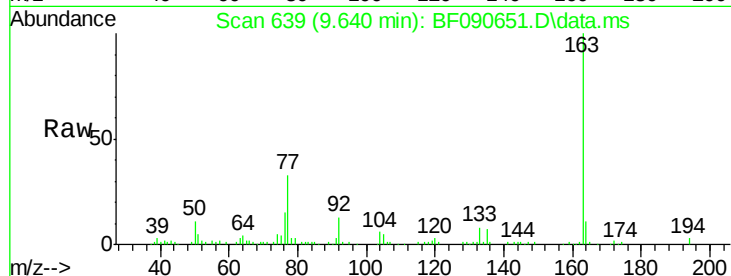
Tot Ion:163 Resp: 94825

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

164 10.7 8.6 13.0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.412 min Scan# 794

Delta R.T. -0.035 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

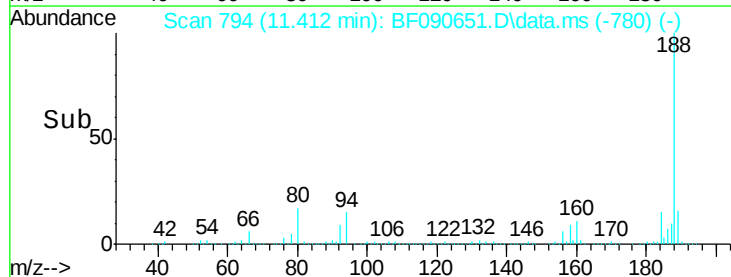
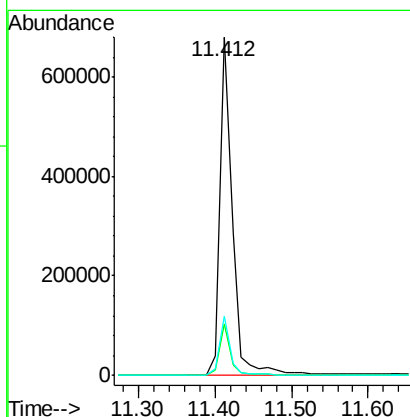
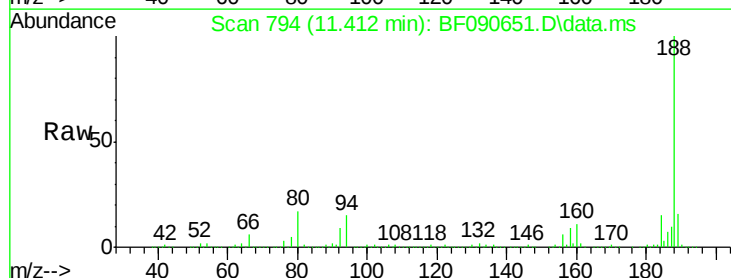
Tgt Ion:188 Resp: 776063

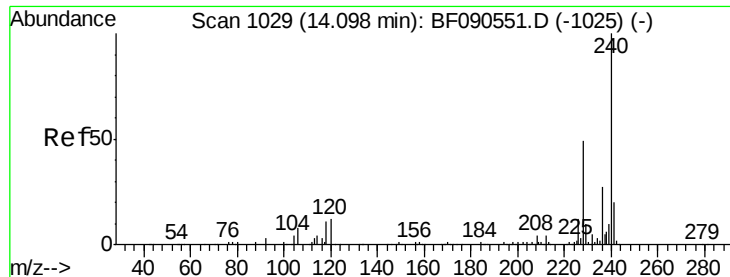
Ion Ratio Lower Upper

188 100

94 15.2 7.7 11.5#

80 17.3 8.6 12.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.052 min Scan# 10

Delta R.T. -0.035 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

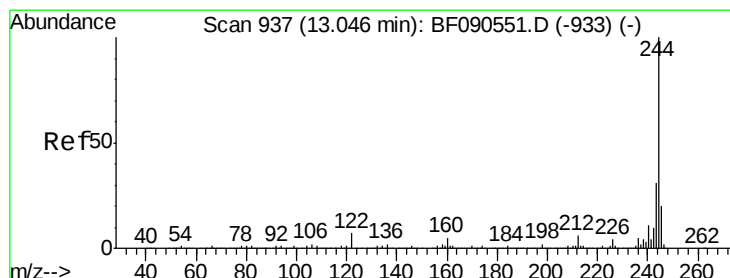
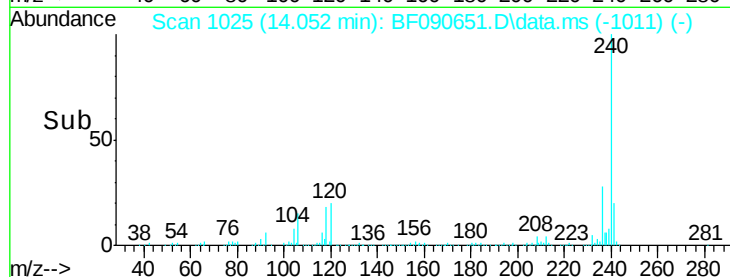
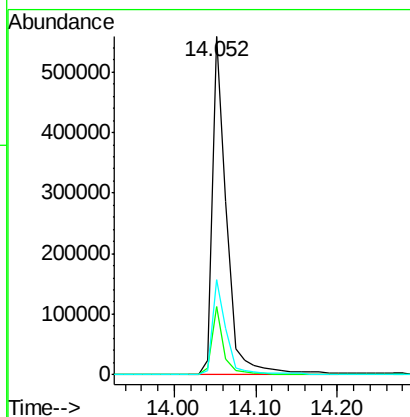
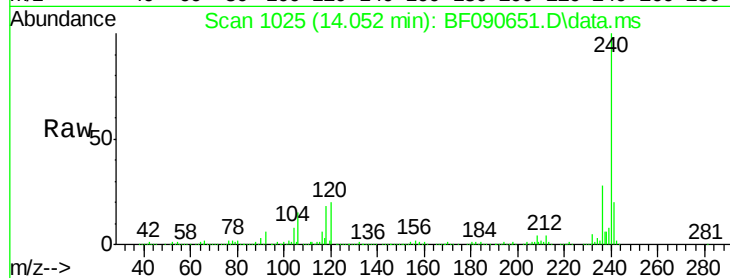
Tot Ion:240 Resp: 682589

Ion Ratio Lower Upper

240 100

120 20.0 9.8 14.8#

236 28.0 21.7 32.5



#78

Terphenyl-d14

Concen: 44.97 ng

RT: 13.001 min Scan# 933

Delta R.T. -0.035 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

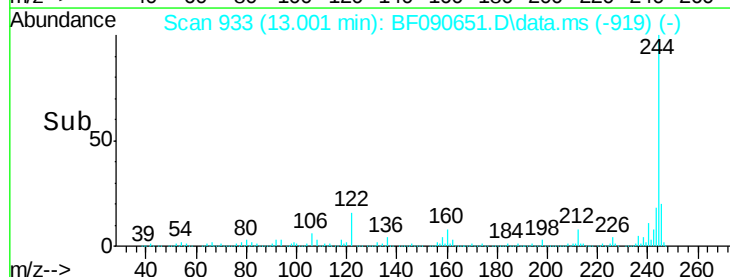
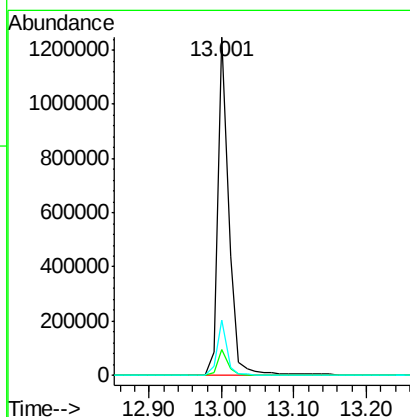
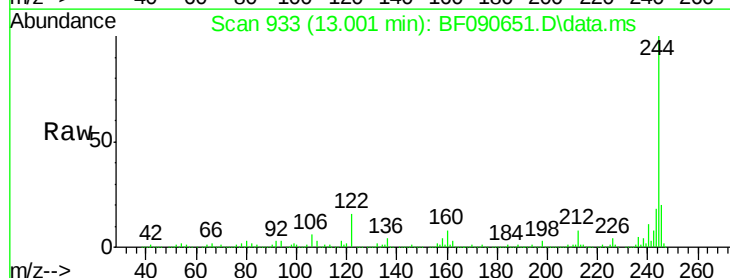
Tgt Ion:244 Resp: 1318476

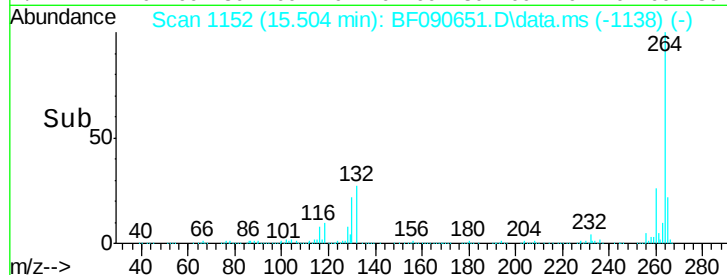
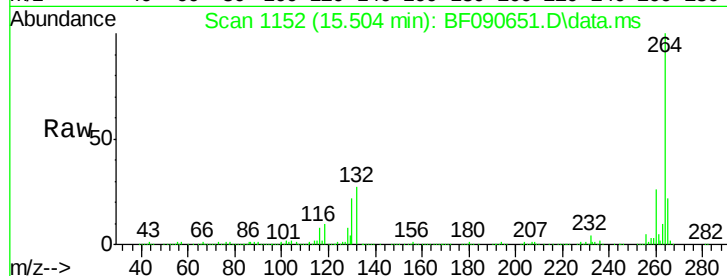
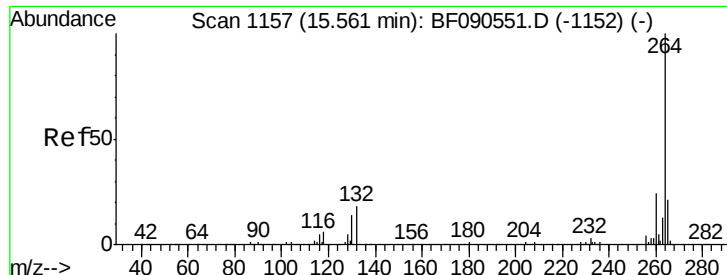
Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

122 16.4 5.6 8.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 11
 Delta R.T. -0.035 min
 Lab File: BF090651.D
 Acq: 19 Oct 2016 16:52

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	21.8	16.7	25.1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

