

Data Path : Z:\HPCHEM1\BNA F\Data\BF101916\
 Data File : BF090653.D
 Acq On : 19 Oct 2016 17:47
 Operator : UM/SJ
 Sample : H5296-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Quant Time: Oct 19 18:16:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

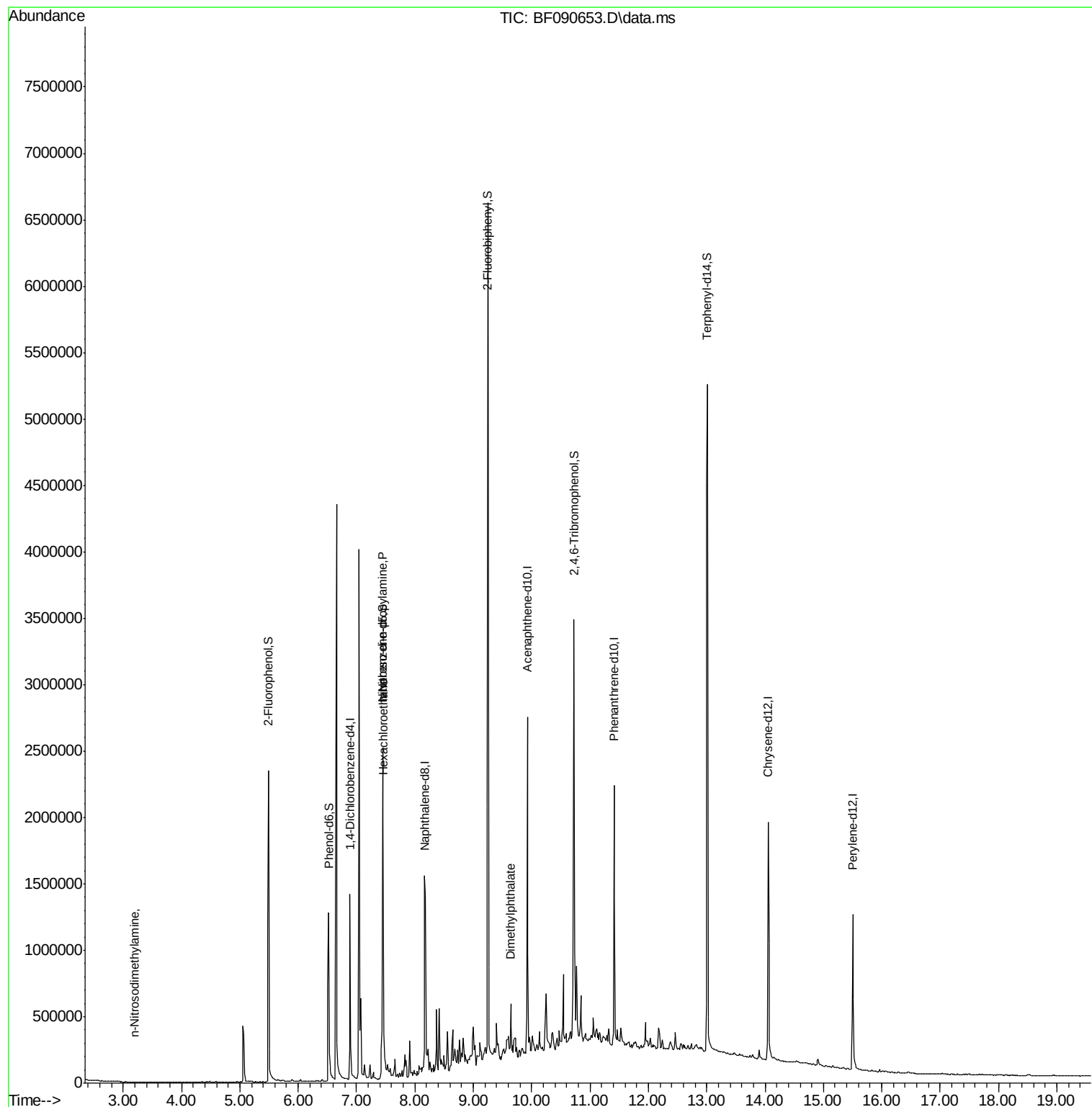
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.886	152	228592	20.00	ng	0.00
21) Naphthalene-d8	8.177	136	982788	20.00	ng	0.00
38) Acenaphthene-d10	9.926	164	538482	20.00	ng	-0.01
63) Phenanthrene-d10	11.412	188	887581	20.00	ng	-0.01
75) Chrysene-d12	14.052	240	728077	20.00	ng	-0.01
86) Perylene-d12	15.504	264	524534	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	783280	62.82	ng	0.00
7) Phenol-d6	6.520	99	630174	34.01	ng	-0.01
23) Nitrobenzene-d5	7.446	82	1309336	74.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.726	330	592354	123.39	ng	0.00
44) 2-Fluorobiphenyl	9.252	172	2110695	64.58	ng	-0.01
78) Terphenyl-d14	13.012	244	2343715	74.95	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.194	42	207	7.20	ng	# 1
18) Hexachloroethane	7.457	117	128380	18.52	ng	# 14
19) n-Nitroso-di-n-propyla...	7.446	70	152623	12.01	ng	# 80
49) Dimethylphthalate	9.640	163	147922	4.23	ng	100

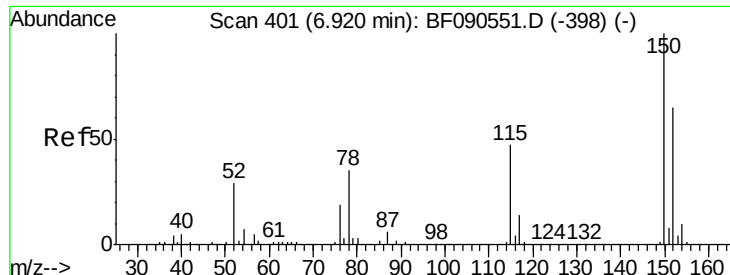
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.886 min Scan# 39

Delta R.T. -0.000 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

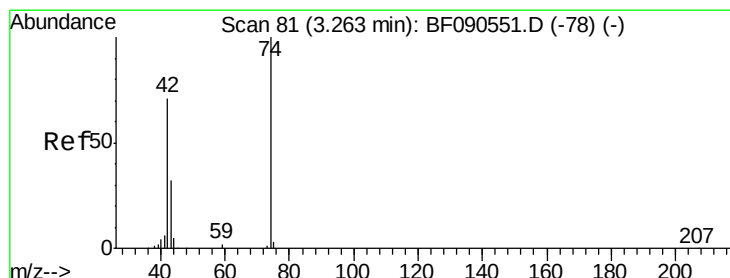
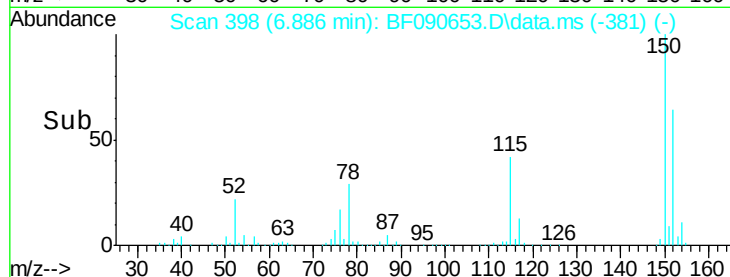
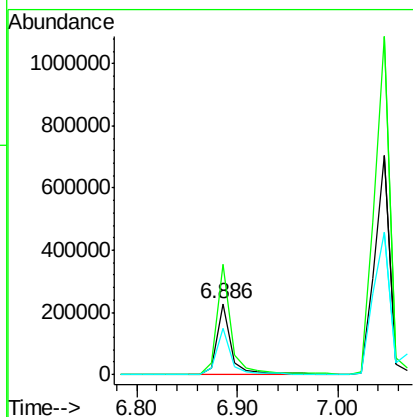
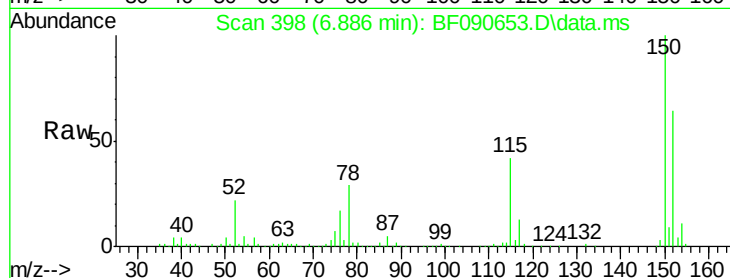
Tot Ion:152 Resp: 228592

Ion Ratio Lower Upper

152 100

150 155.4 127.2 190.8

115 64.6 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.20 ng

RT: 3.194 min Scan# 75

Delta R.T. -0.023 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

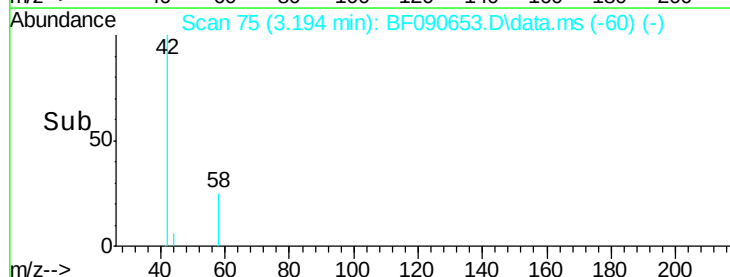
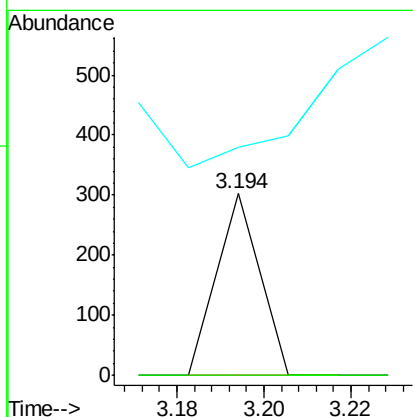
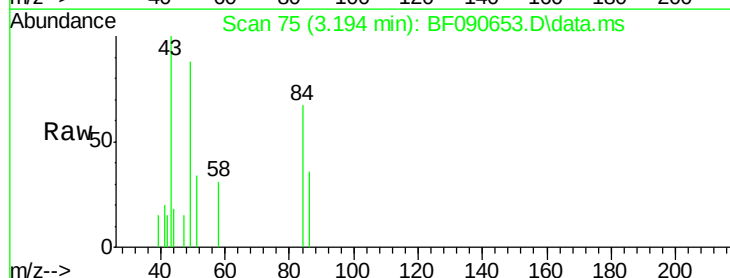
Tgt Ion: 42 Resp: 207

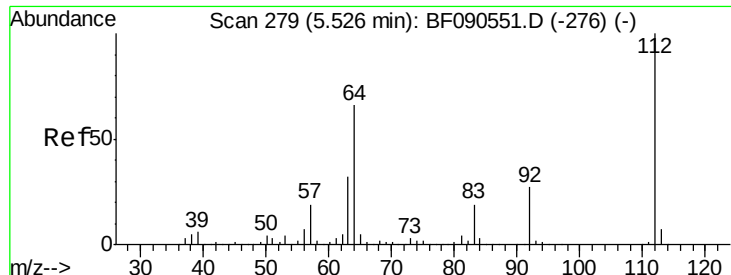
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 125.5 6.0 9.0#





#5

2-Fluorophenol

Concen: 62.82 ng

RT: 5.492 min Scan# 27

Delta R.T. -0.000 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

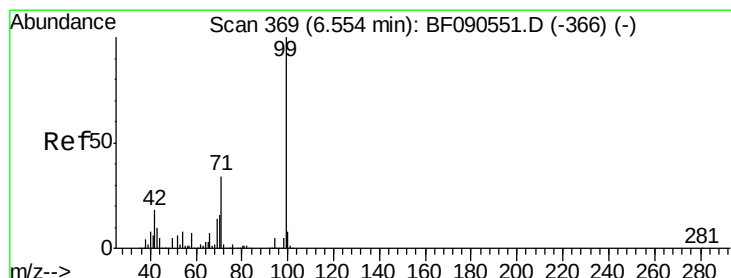
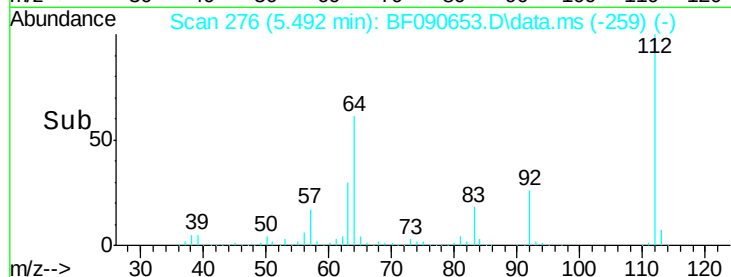
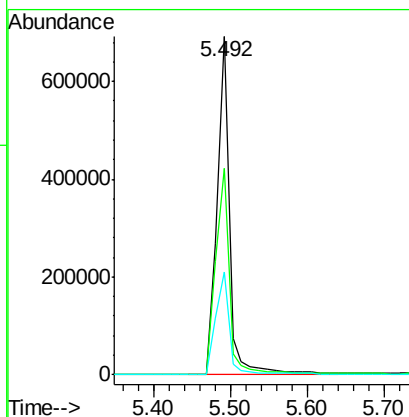
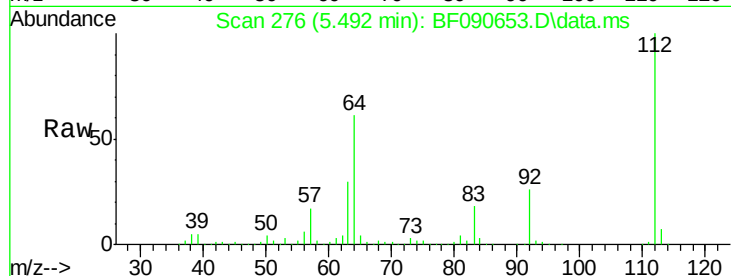
Tot Ion: 112 Resp: 783280

Ion Ratio Lower Upper

112 100

64 61.0 52.6 78.8

63 30.2 26.0 39.0



#7

Phenol-d6

Concen: 34.01 ng

RT: 6.520 min Scan# 366

Delta R.T. -0.011 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

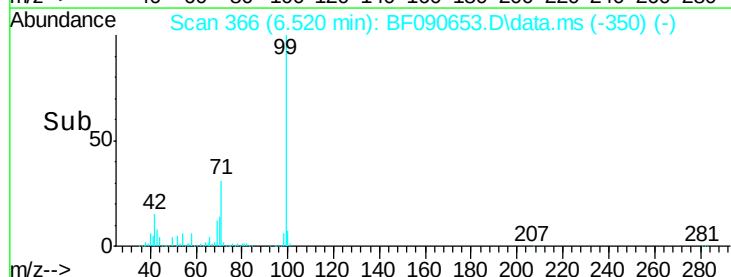
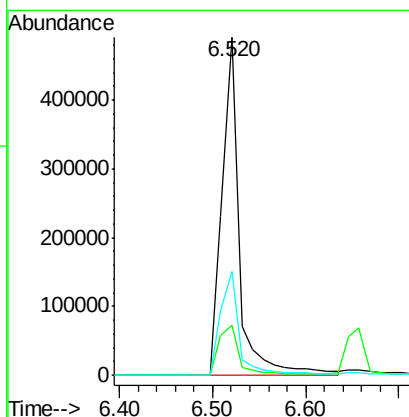
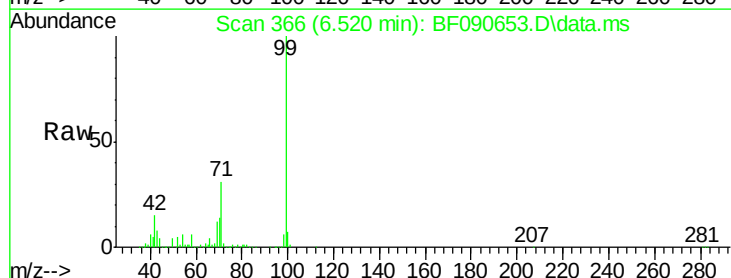
Tgt Ion: 99 Resp: 630174

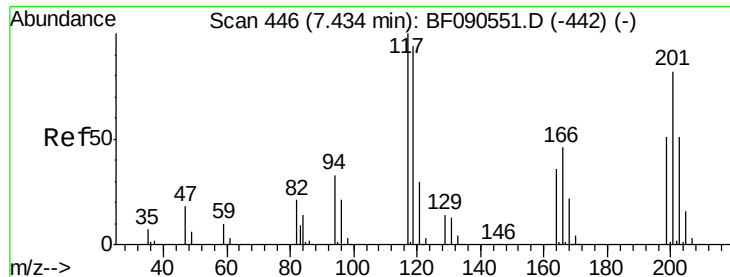
Ion Ratio Lower Upper

99 100

42 14.8 14.7 22.1

71 30.8 27.6 41.4





#18

Hexachloroethane

Concen: 18.52 ng

RT: 7.457 min Scan# 447

Delta R.T. 0.057 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

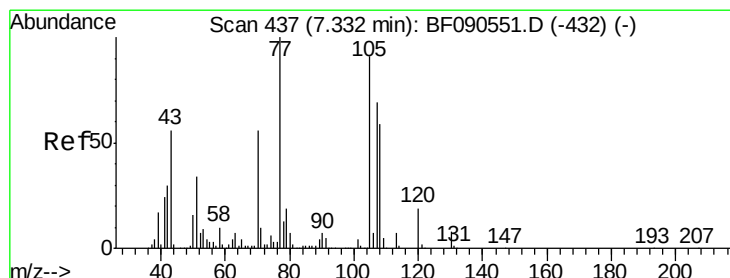
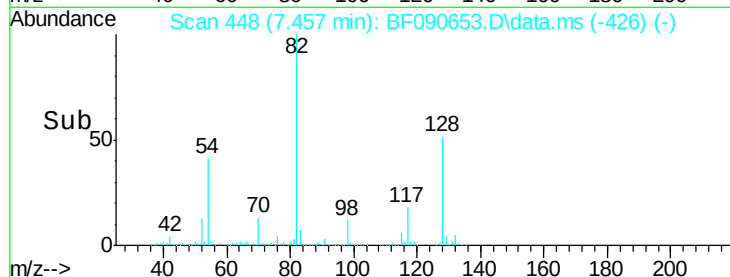
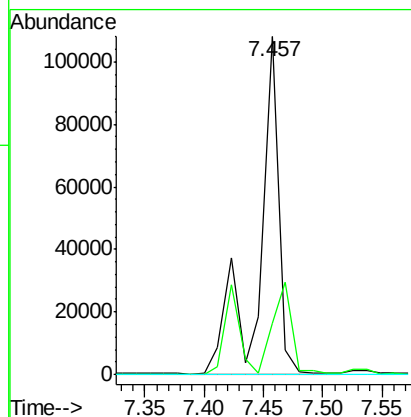
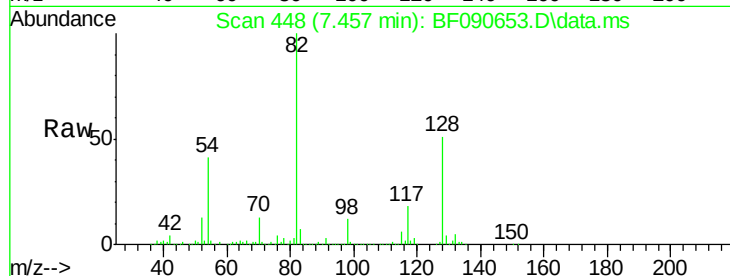
Tot Ion:117 Resp: 128380

Ion Ratio Lower Upper

117 100

119 15.1 75.6 113.4#

201 0.0 65.4 98.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.01 ng

RT: 7.446 min Scan# 447

Delta R.T. 0.137 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Tgt Ion: 70 Resp: 152623

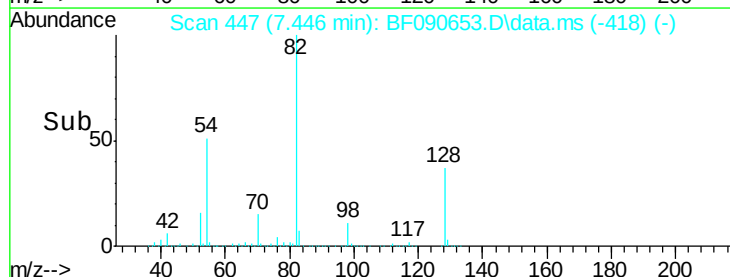
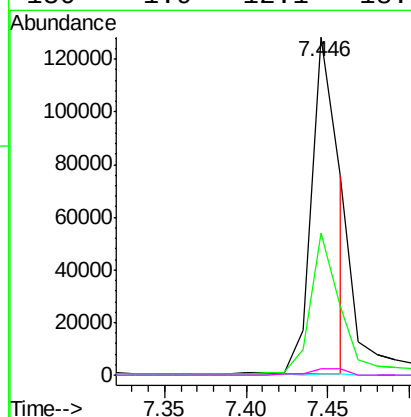
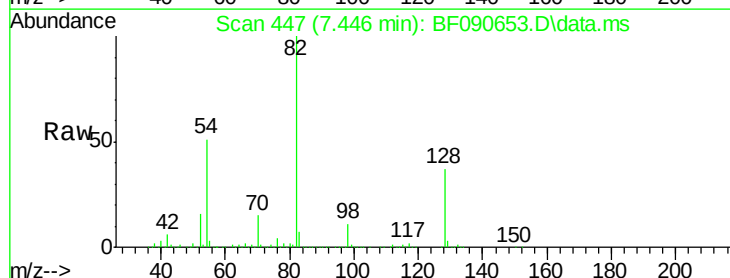
Ion Ratio Lower Upper

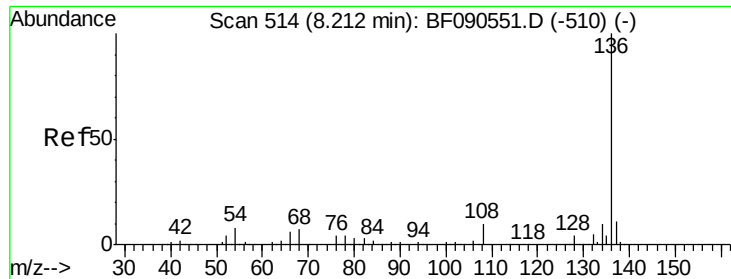
70 100

42 42.2 43.4 65.0#

101 0.3 6.4 9.6#

130 1.9 12.1 18.1#

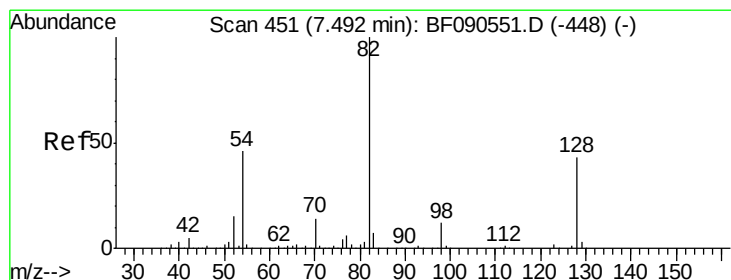
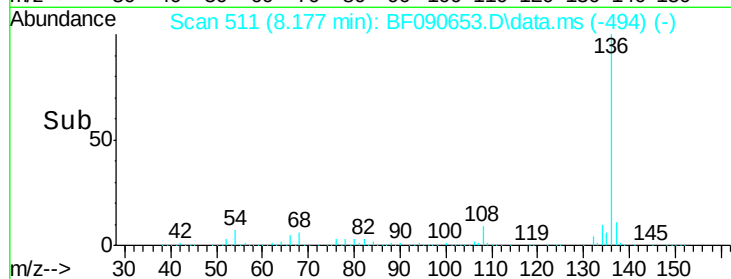
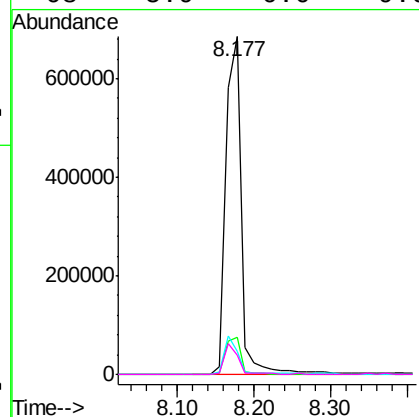
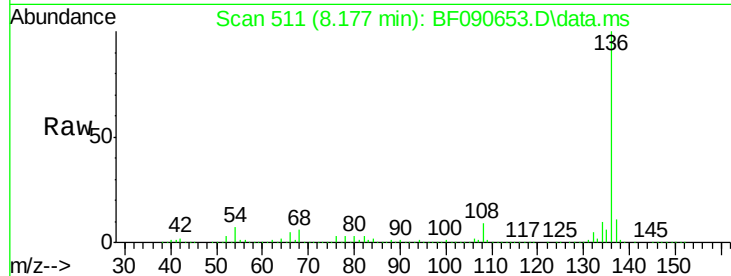




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.177 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF090653.D
Acq: 19 Oct 2016 17:47

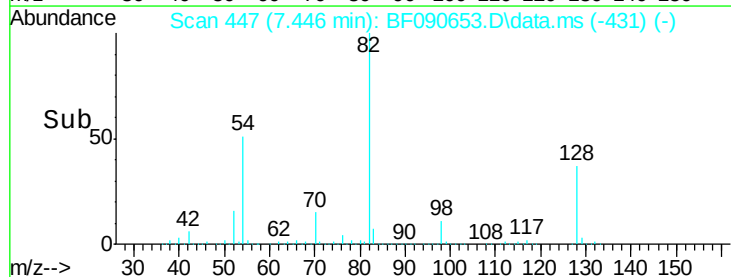
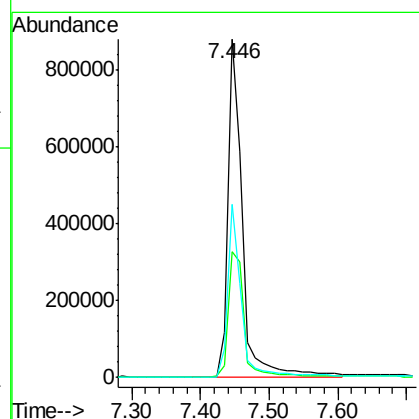
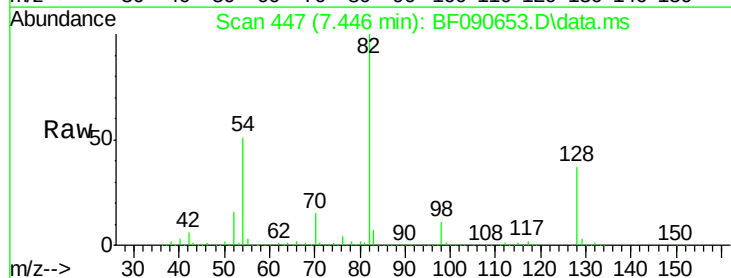
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

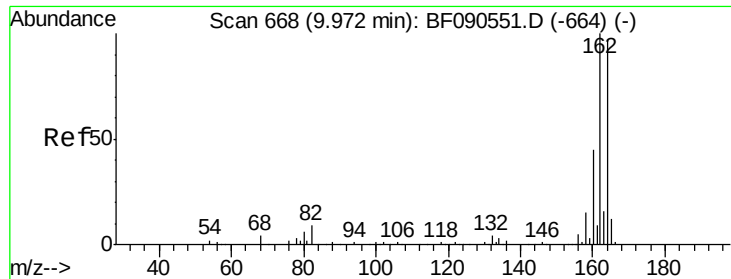
Tot Ion:	136	Resp:	982788
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	6.7	6.8	10.2#
68	5.9	6.0	9.0#



#23
Nitrobenzene-d5
Concen: 74.01 ng
RT: 7.446 min Scan# 447
Delta R.T. -0.011 min
Lab File: BF090653.D
Acq: 19 Oct 2016 17:47

Tgt Ion:	82	Resp:	1309336
Ion Ratio	Lower	Upper	
82	100		
128	37.0	34.3	51.5
54	51.2	37.0	55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.926 min Scan# 66

Delta R.T. -0.011 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

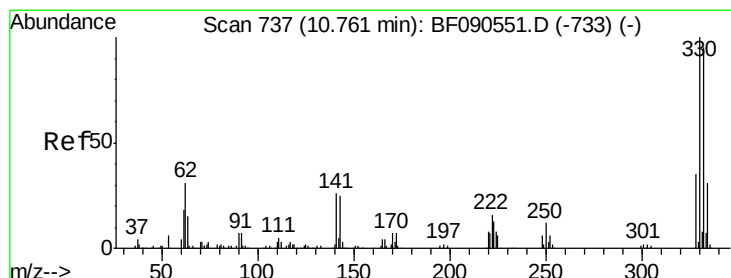
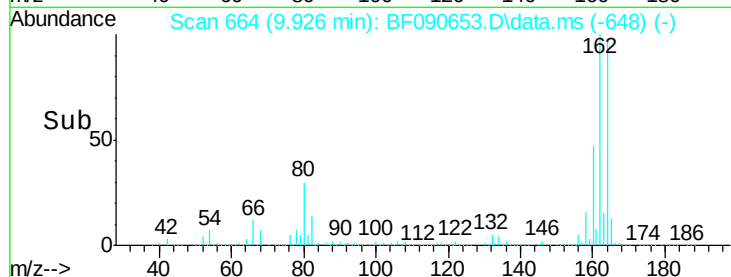
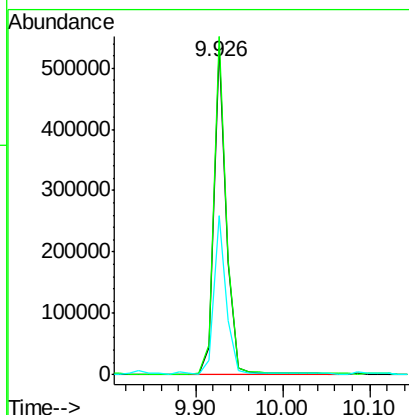
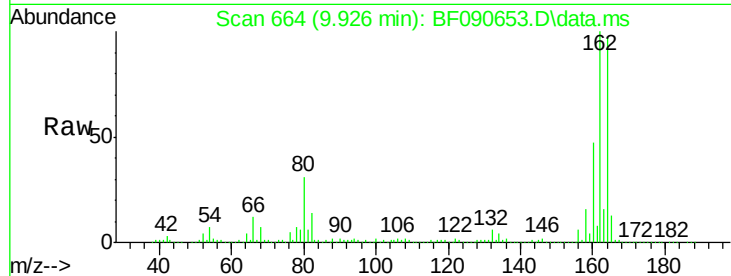
Tot Ion:164 Resp: 538482

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.4

160 48.5 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 123.39 ng

RT: 10.726 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

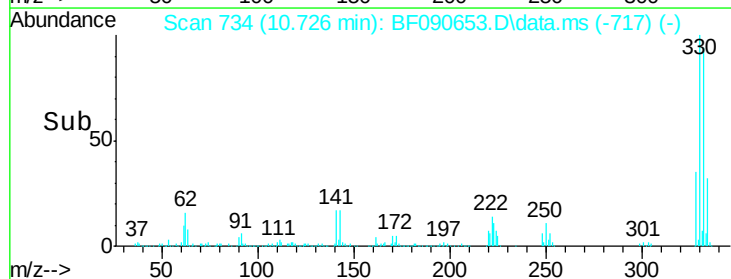
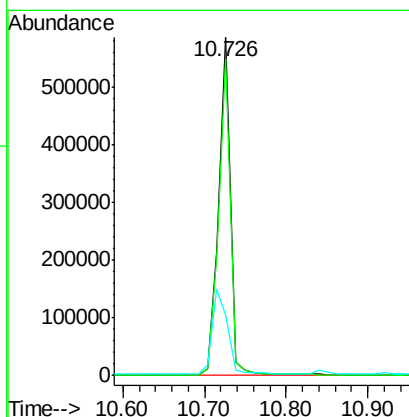
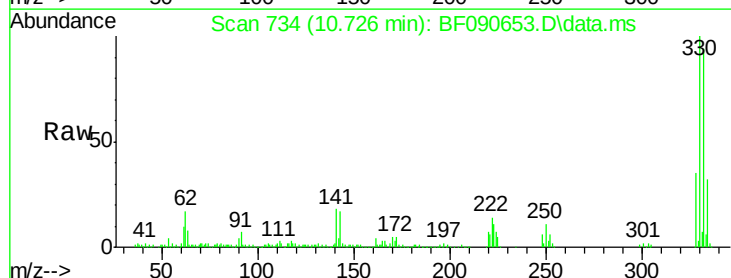
Tgt Ion:330 Resp: 592354

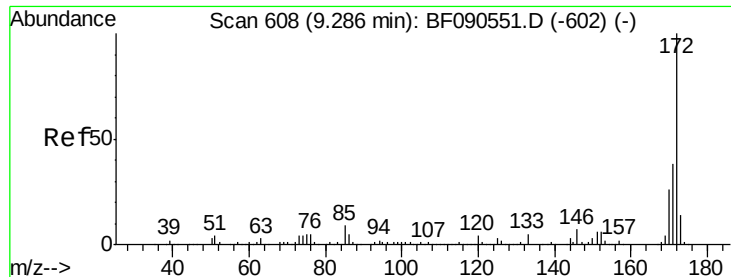
Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.2

141 33.3 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 64.58 ng

RT: 9.252 min Scan# 60

Delta R.T. -0.011 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

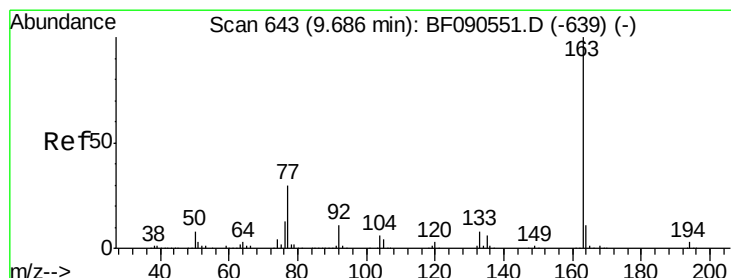
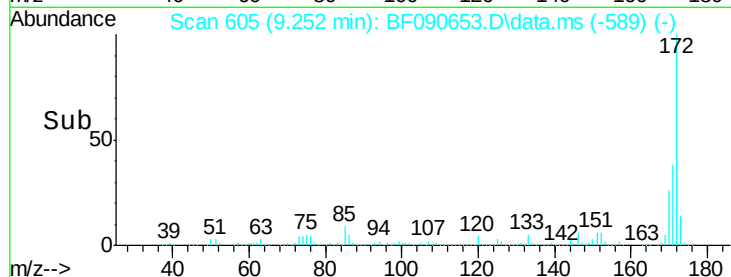
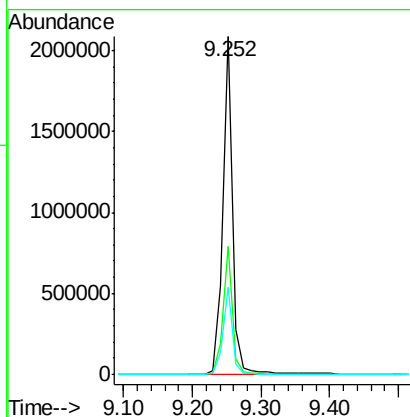
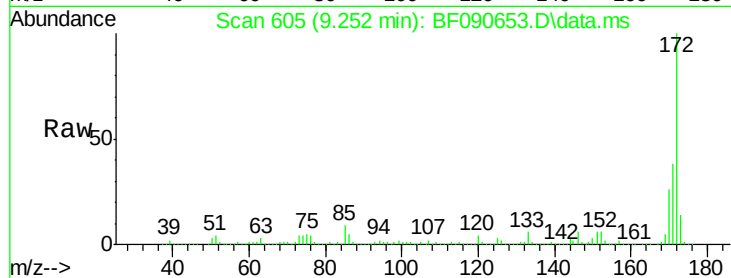
Tot Ion:172 Resp: 2110695

Ion Ratio Lower Upper

172 100

171 38.1 30.1 45.1

170 25.7 20.6 30.8



#49

Dimethylphthalate

Concen: 4.23 ng

RT: 9.640 min Scan# 639

Delta R.T. -0.023 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

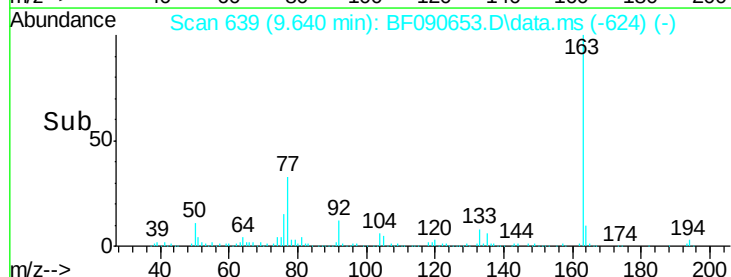
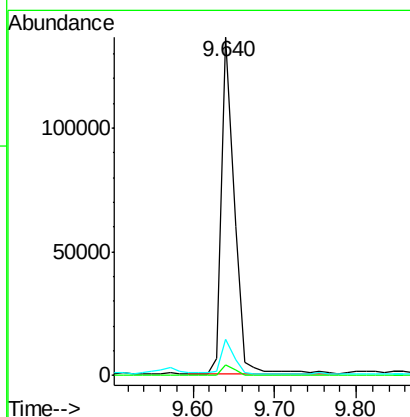
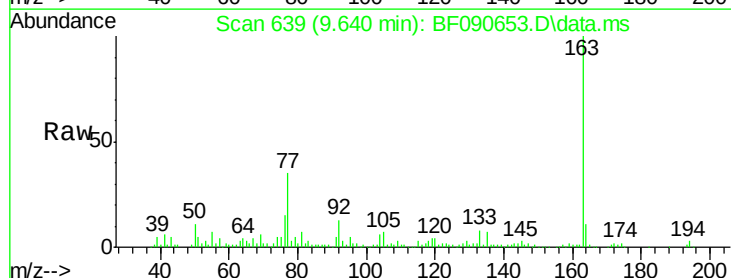
Tgt Ion:163 Resp: 147922

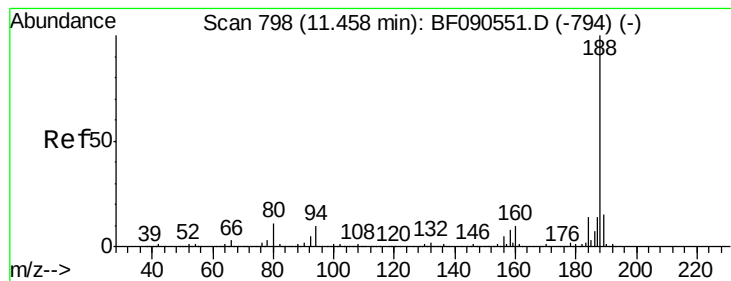
Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

164 10.6 8.6 13.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.412 min Scan# 79

Delta R.T. -0.011 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

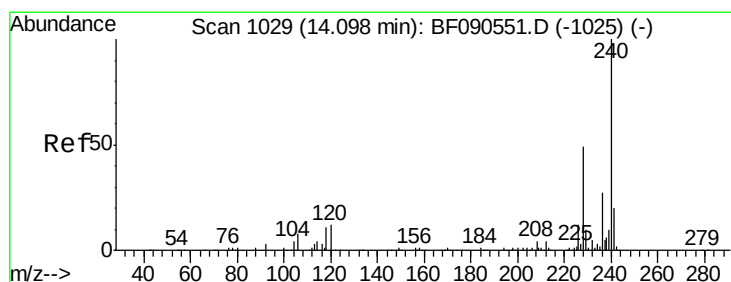
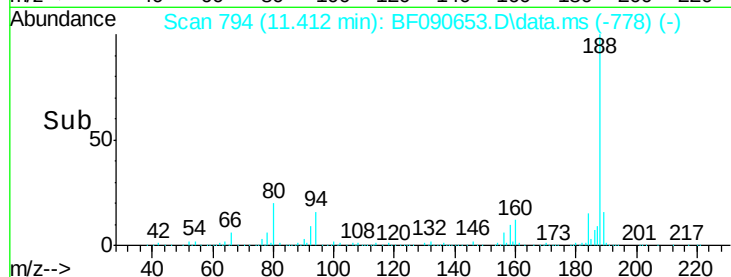
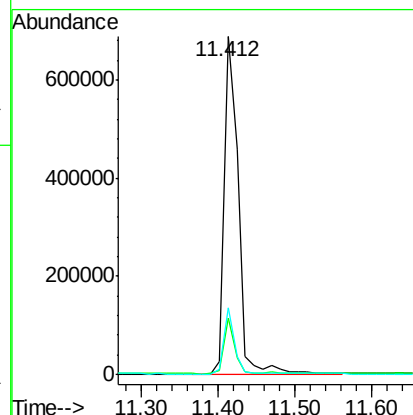
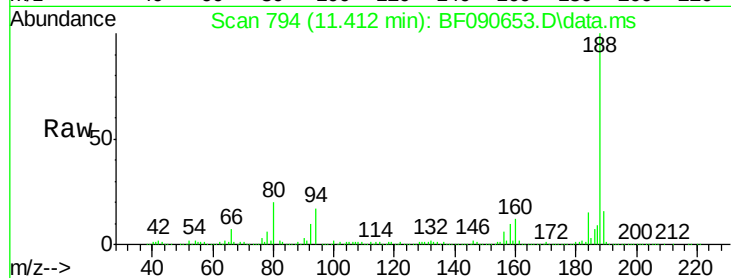
Tot Ion:188 Resp: 887581

Ion Ratio Lower Upper

188 100

94 16.7 7.7 11.5#

80 19.9 8.6 12.8#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.052 min Scan# 1025

Delta R.T. -0.011 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

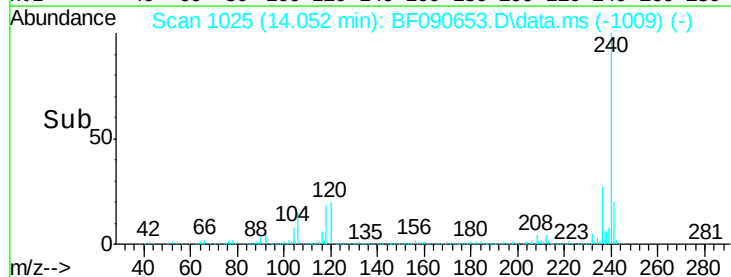
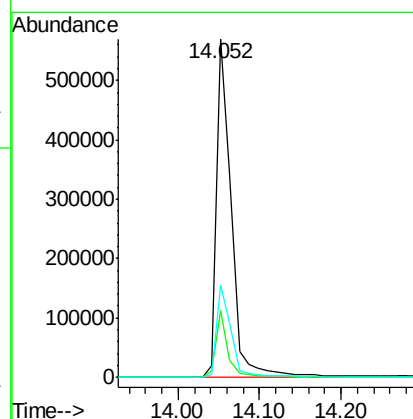
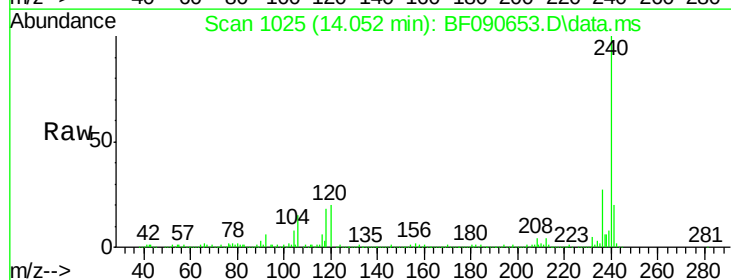
Tgt Ion:240 Resp: 728077

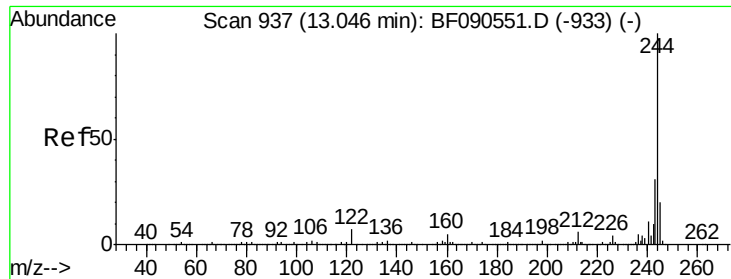
Ion Ratio Lower Upper

240 100

120 19.8 9.8 14.8#

236 27.5 21.7 32.5





#78

Terphenyl-d14

Concen: 74.95 ng

RT: 13.012 min Scan# 93

Delta R.T. -0.000 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

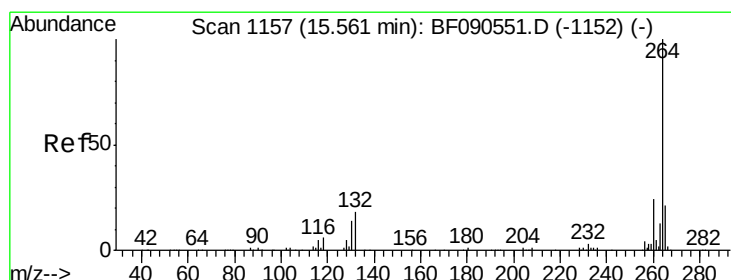
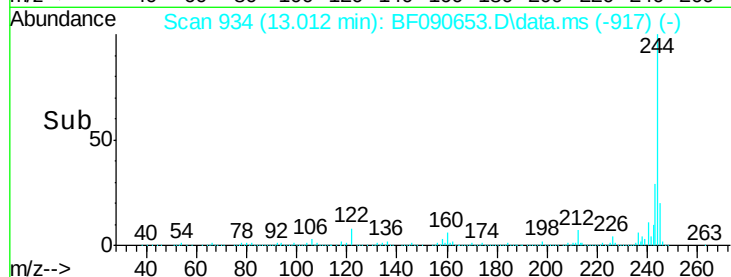
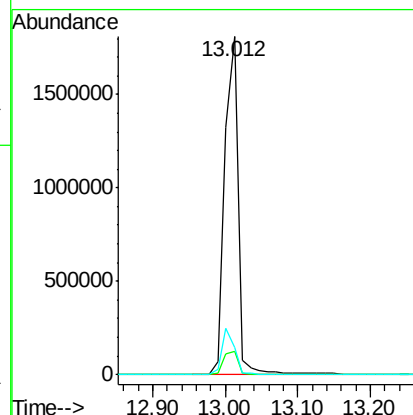
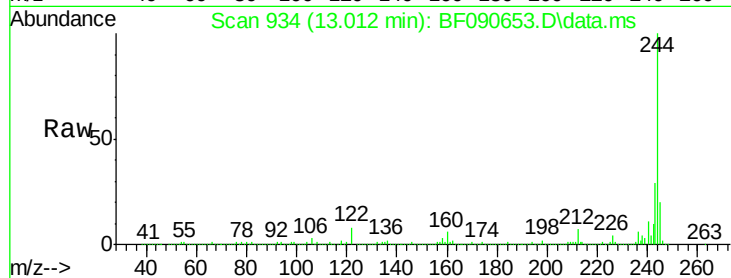
Tot Ion:244 Resp: 2343715

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 8.1 5.6 8.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.504 min Scan# 1152

Delta R.T. -0.011 min

Lab File: BF090653.D

Acq: 19 Oct 2016 17:47

Tgt Ion:264 Resp: 524534

Ion Ratio Lower Upper

264 100

260 25.4 19.3 28.9

265 21.9 16.7 25.1

