

Data Path : Z:\HPCHEM1\BNA F\Data\BF101916\
 Data File : BF090652.D
 Acq On : 19 Oct 2016 17:20
 Operator : UM/SJ
 Sample : H5296-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Quant Time: Oct 19 17:47:33 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

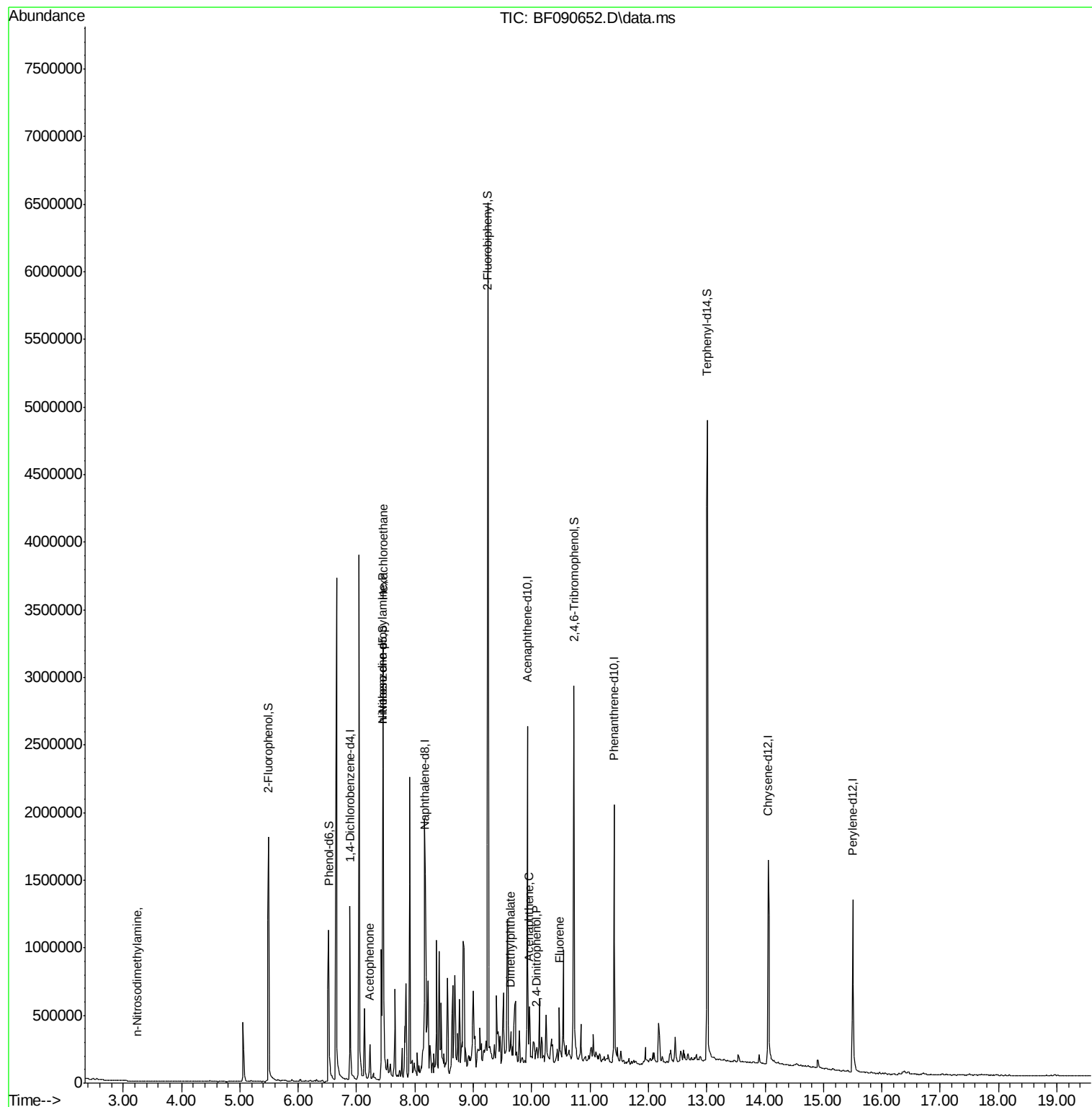
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.886	152	216167	20.00	ng	0.00
21) Naphthalene-d8	8.177	136	970752	20.00	ng	0.00
38) Acenaphthene-d10	9.926	164	511009	20.00	ng	-0.01
63) Phenanthrene-d10	11.412	188	837213	20.00	ng	-0.01
75) Chrysene-d12	14.052	240	761820	20.00	ng	-0.01
86) Perylene-d12	15.504	264	612555	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	712355	60.41	ng	0.00
7) Phenol-d6	6.520	99	586254	33.46	ng	-0.01
23) Nitrobenzene-d5	7.446	82	1260808	72.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.726	330	542779	119.14	ng	0.00
44) 2-Fluorobiphenyl	9.252	172	2052231	66.17	ng	-0.01
78) Terphenyl-d14	13.012	244	2367775	72.37	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.240	42	1253	7.37	ng	# 1
18) Hexachloroethane	7.457	117	473604	72.27	ng	# 10
19) n-Nitroso-di-n-propyla...	7.446	70	146547	12.20	ng	# 81
22) Acetophenone	7.229	105	58041	2.71	ng	# 62
49) Dimethylphthalate	9.640	163	70658	2.13	ng	98
51) Acenaphthene	9.960	154	79314	2.58	ng	97
53) 2,4-Dinitrophenol	10.075	184	505	5.79	ng	# 1
57) Fluorene	10.475	166	100631	3.02	ng	99

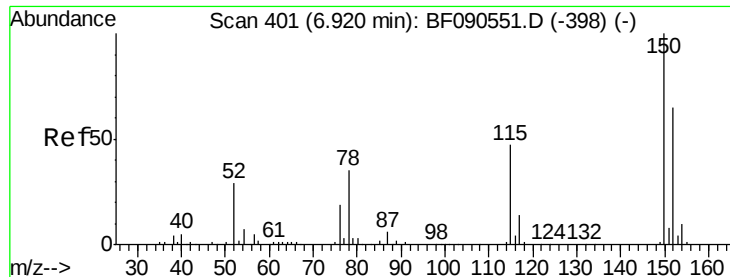
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090652.D

Acq: 19 Oct 2016 17:20

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

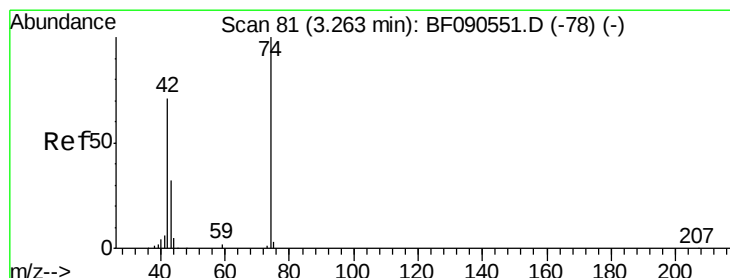
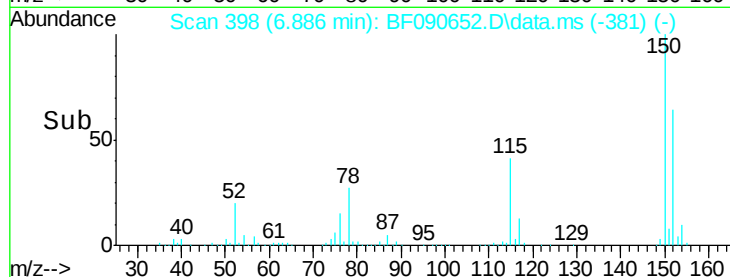
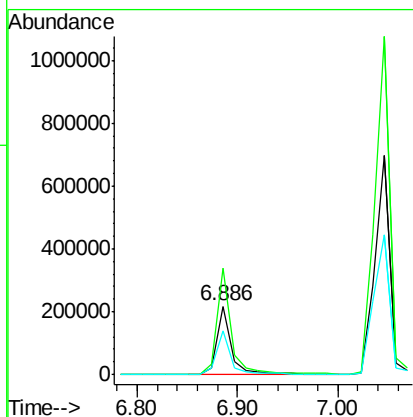
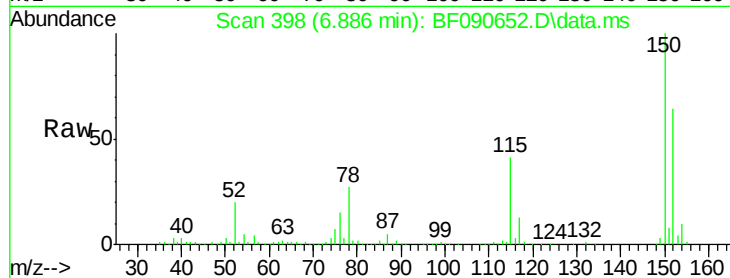
Tot Ion:152 Resp: 216167

Ion Ratio Lower Upper

152 100

150 156.0 127.2 190.8

115 63.5 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.37 ng

RT: 3.240 min Scan# 79

Delta R.T. 0.023 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

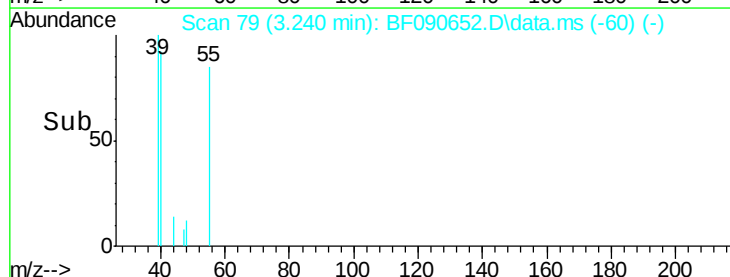
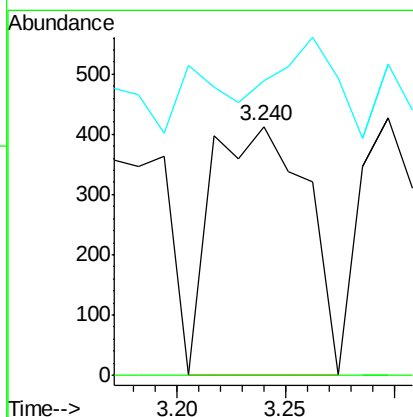
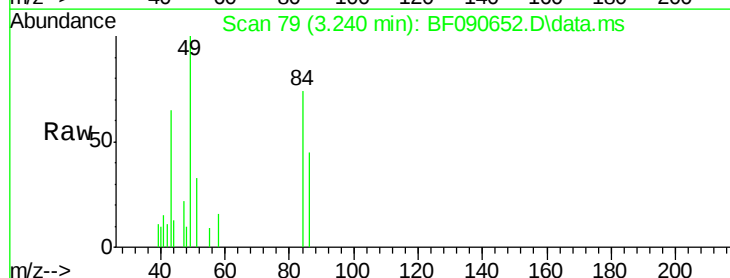
Tgt Ion: 42 Resp: 1253

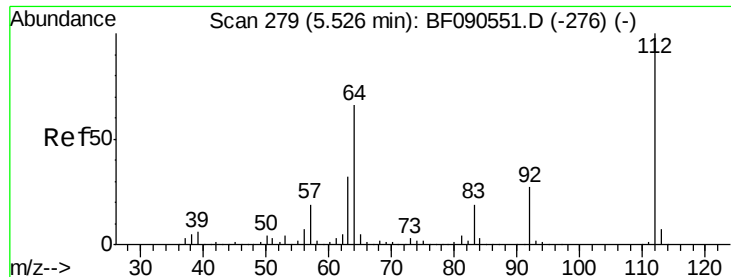
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 118.4 6.0 9.0#





#5

2-Fluorophenol

Concen: 60.41 ng

RT: 5.491 min Scan# 27

Delta R.T. -0.000 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

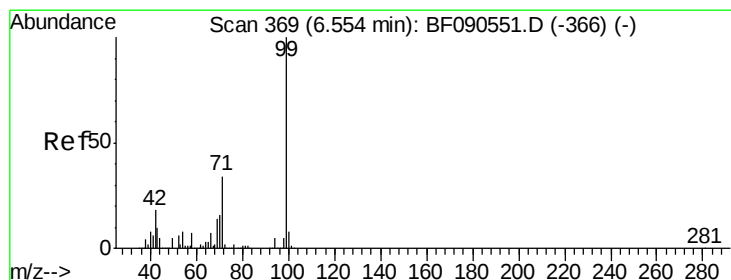
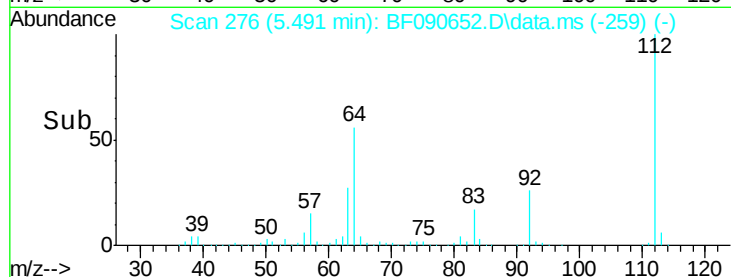
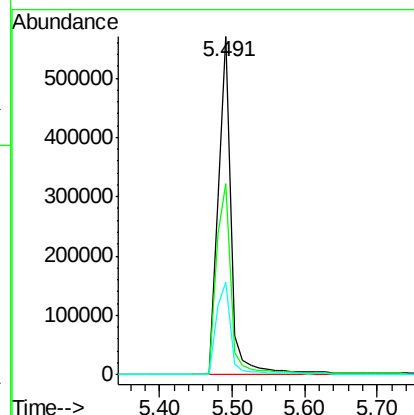
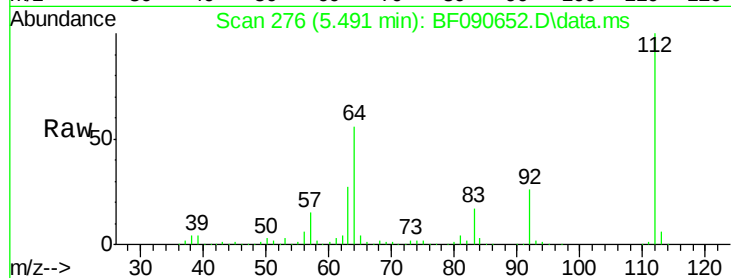
Tot Ion:112 Resp: 712355

Ion Ratio Lower Upper

112 100

64 56.4 52.6 78.8

63 27.2 26.0 39.0



#7

Phenol-d6

Concen: 33.46 ng

RT: 6.520 min Scan# 366

Delta R.T. -0.012 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

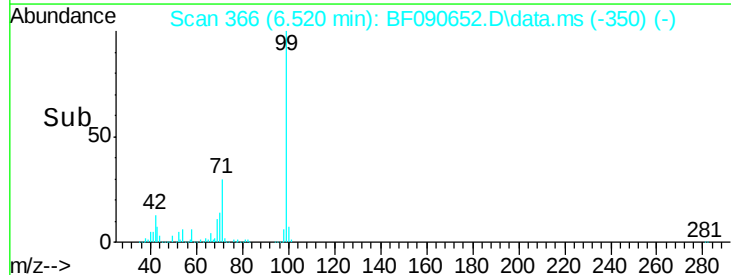
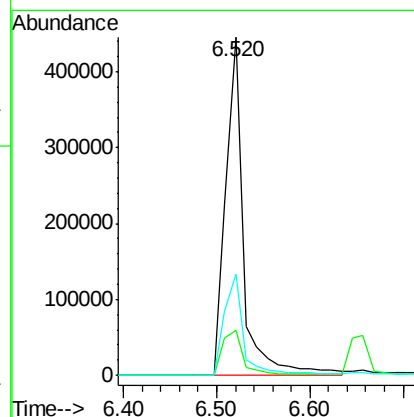
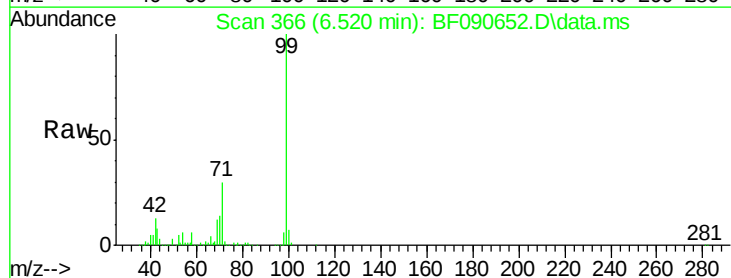
Tgt Ion: 99 Resp: 586254

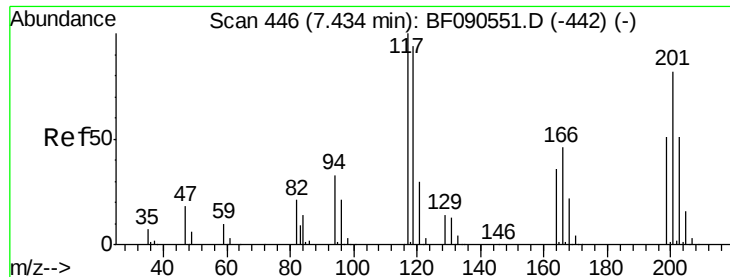
Ion Ratio Lower Upper

99 100

42 13.4 14.7 22.1#

71 30.1 27.6 41.4





#18

Hexachloroethane

Concen: 72.27 ng

RT: 7.457 min Scan# 44

Delta R.T. 0.057 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

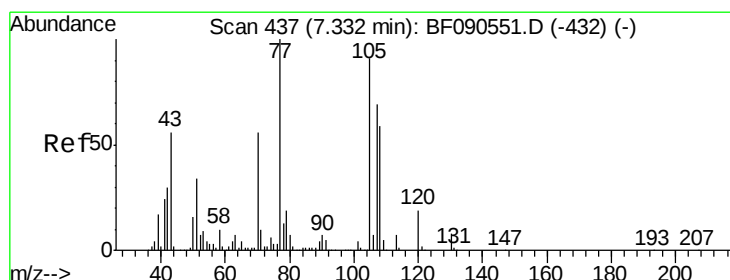
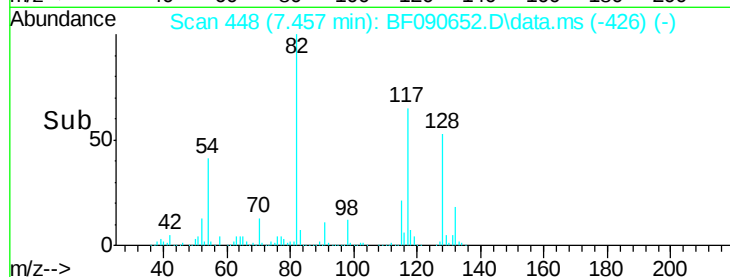
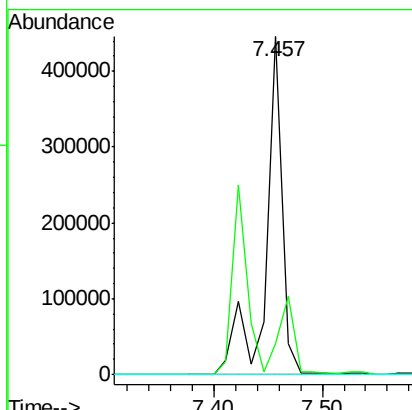
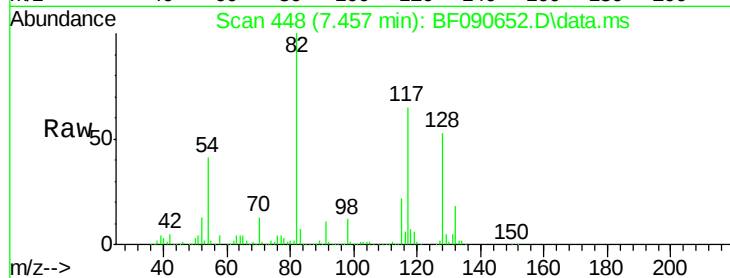
Tot Ion:117 Resp: 473604

Ion Ratio Lower Upper

117 100

119 9.3 75.6 113.4#

201 0.0 65.4 98.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.20 ng

RT: 7.446 min Scan# 447

Delta R.T. 0.137 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

Tgt Ion: 70 Resp: 146547

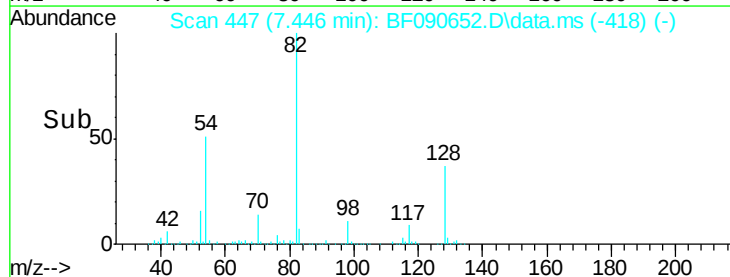
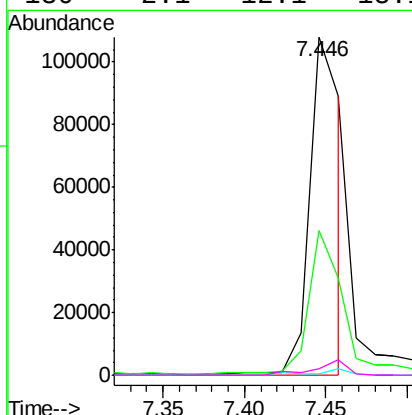
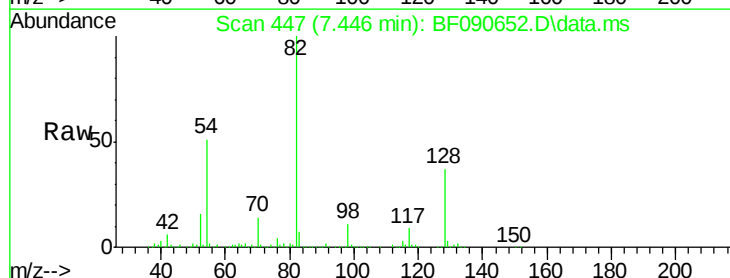
Ion Ratio Lower Upper

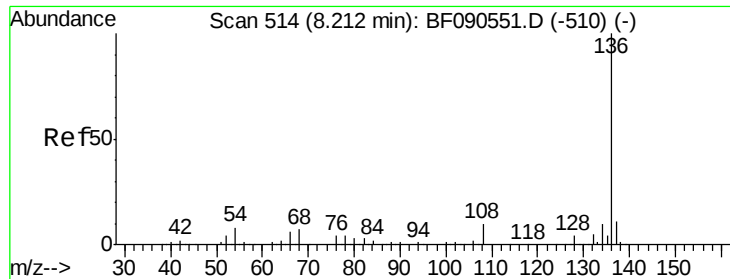
70 100

42 42.9 43.4 65.0#

101 0.5 6.4 9.6#

130 2.1 12.1 18.1#

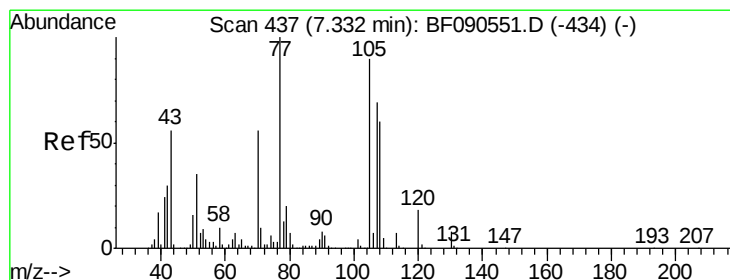
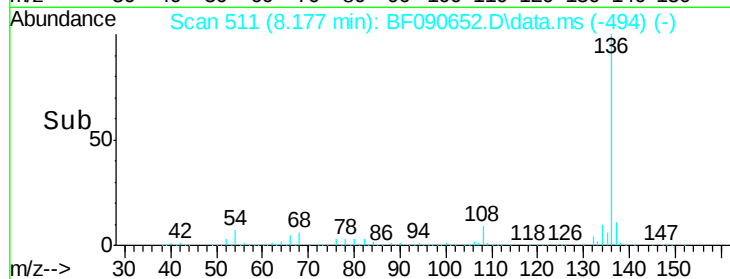
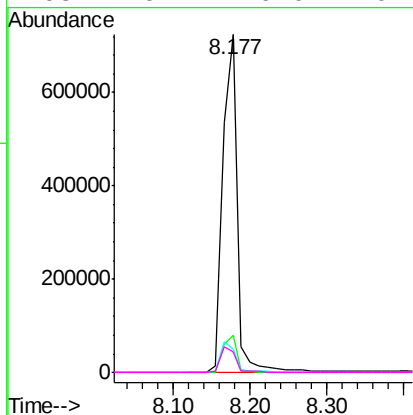
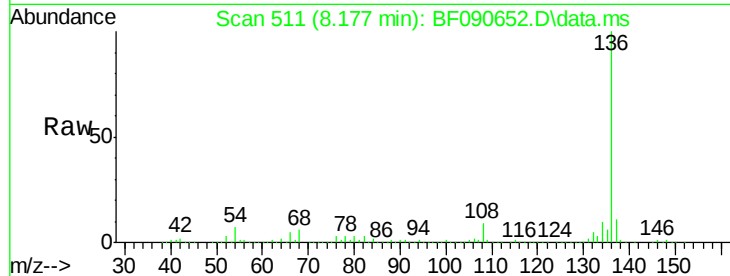




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.177 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

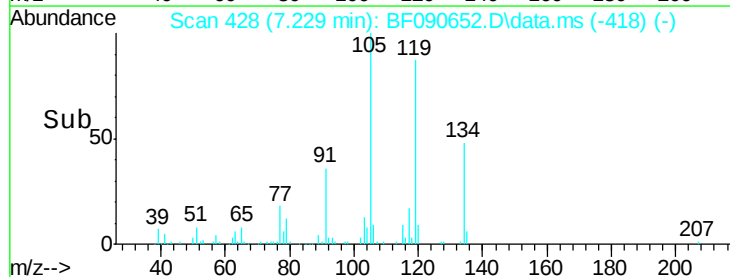
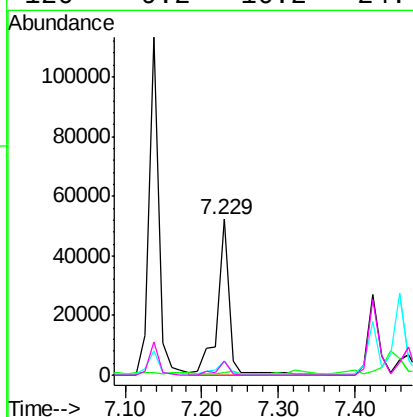
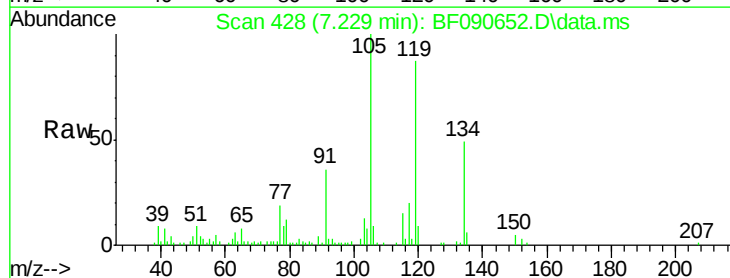
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

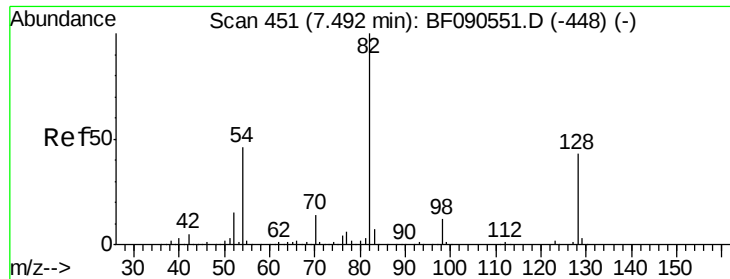
Tot Ion:	136	Resp:	970752
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	6.9	6.8	10.2
68	6.2	6.0	9.0



#22
Acetophenone
Concen: 2.71 ng
RT: 7.229 min Scan# 428
Delta R.T. -0.080 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:	105	Resp:	58041
Ion Ratio	Lower	Upper	
105	100		
71	2.1	8.5	12.7#
51	9.0	31.0	46.4#
120	9.2	16.2	24.4#

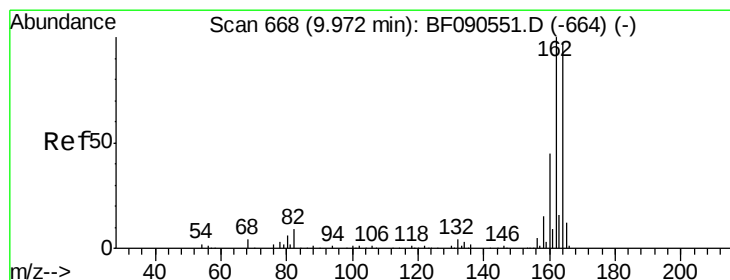
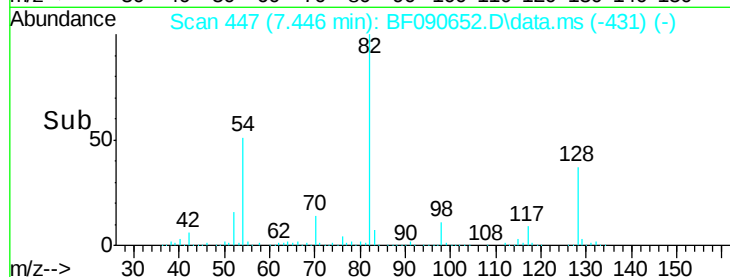
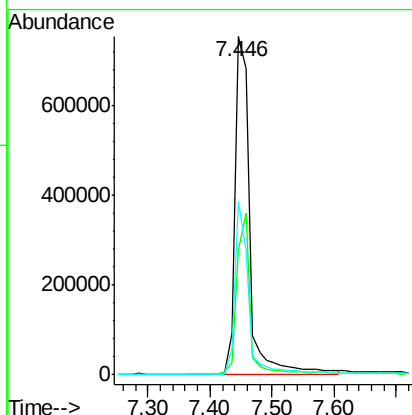
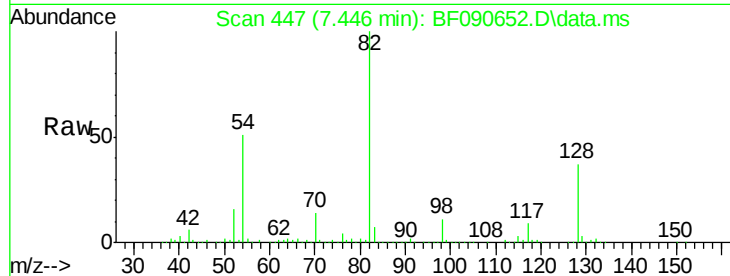




#23
 Nitrobenzene-d5
 Concen: 72.15 ng
 RT: 7.446 min Scan# 44
 Delta R.T. -0.012 min
 Lab File: BF090652.D
 Acq: 19 Oct 2016 17:20

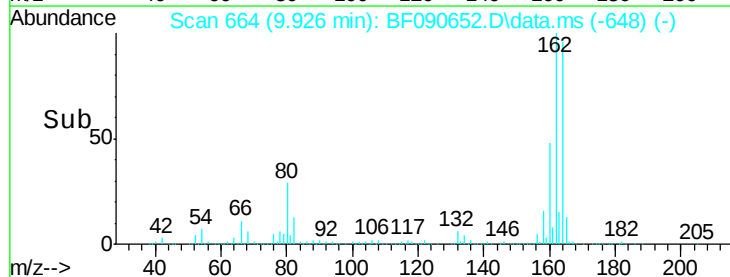
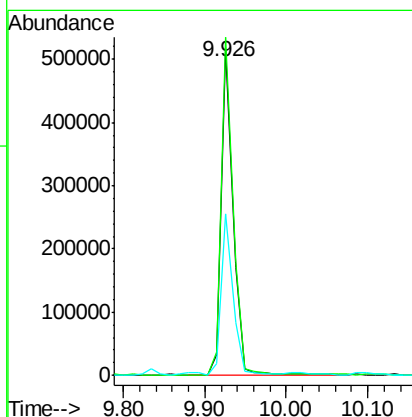
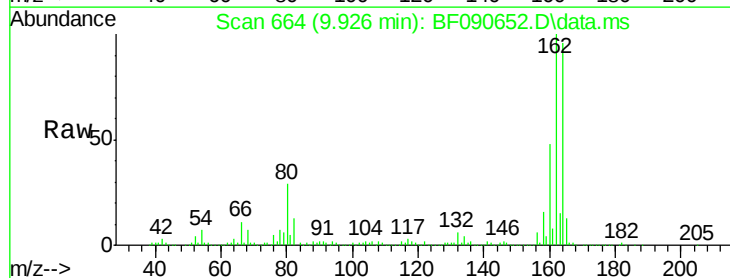
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

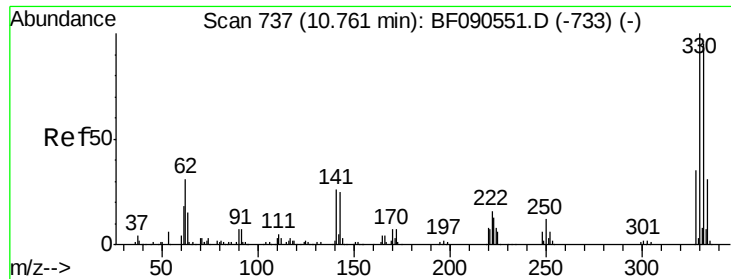
Tot Ion: 82 Resp: 1260808
 Ion Ratio Lower Upper
 82 100
 128 36.8 34.3 51.5
 54 51.3 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.926 min Scan# 664
 Delta R.T. -0.012 min
 Lab File: BF090652.D
 Acq: 19 Oct 2016 17:20

Tgt Ion: 164 Resp: 511009
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.2 123.4
 160 49.8 36.6 55.0

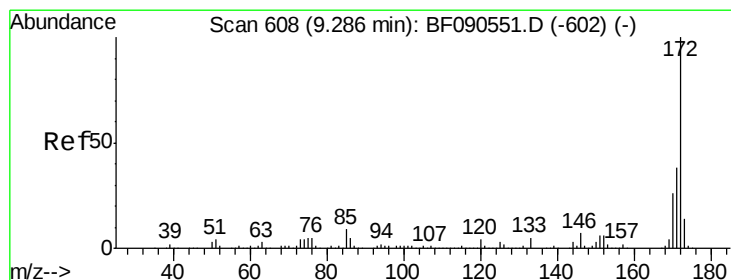
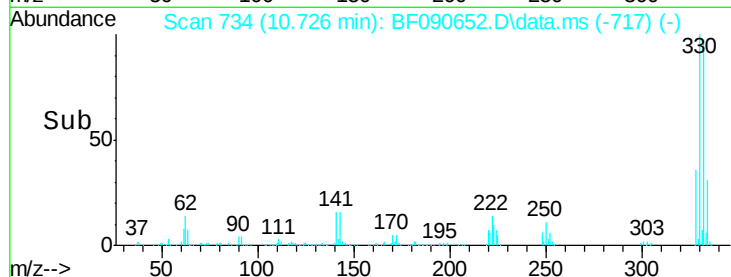
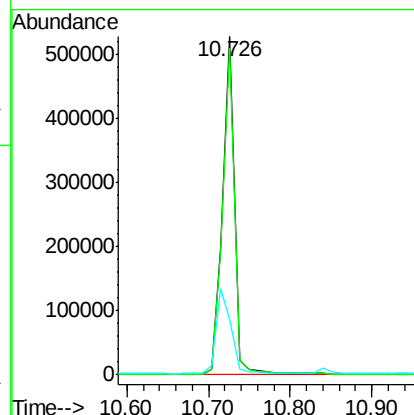
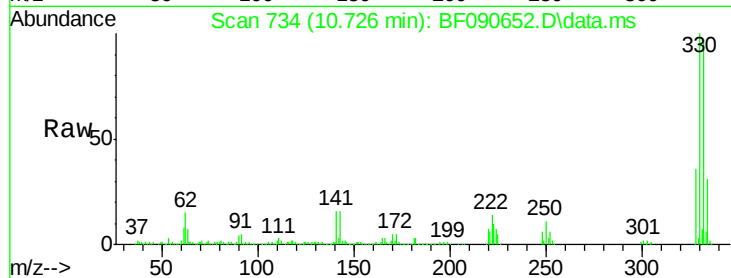




#41
 2,4,6-Tribromophenol
 Concen: 119.14 ng
 RT: 10.726 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: BF090652.D
 Acq: 19 Oct 2016 17:20

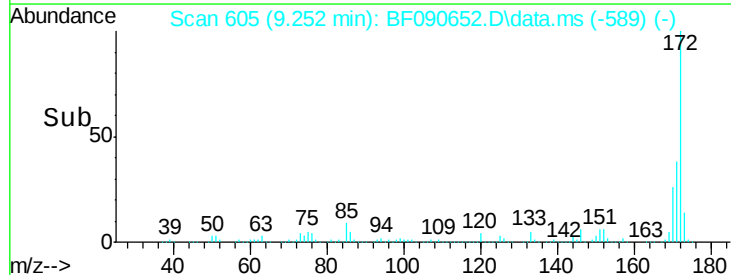
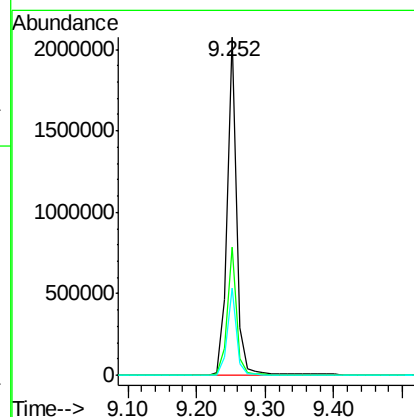
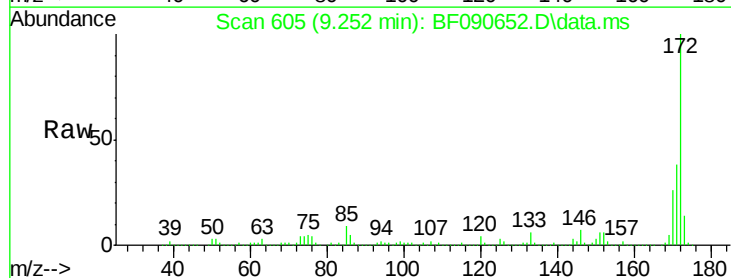
Instrument :
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 ClientSampleId :
 OWL-C4-GW

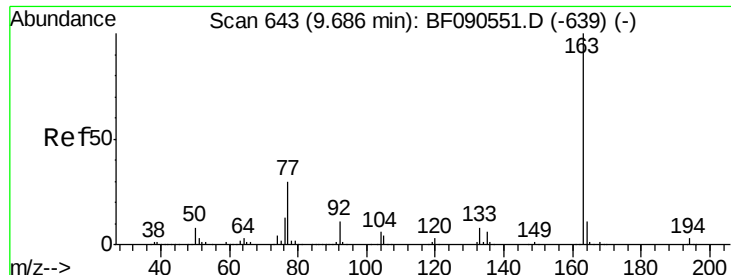
Tot Ion:330 Resp: 542779
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.2
 141 31.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 66.17 ng
 RT: 9.252 min Scan# 605
 Delta R.T. -0.012 min
 Lab File: BF090652.D
 Acq: 19 Oct 2016 17:20

Tgt Ion:172 Resp: 2052231
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.1 45.1
 170 25.8 20.6 30.8





#49

Dimethylphthalate

Concen: 2.13 ng

RT: 9.640 min Scan# 63

Delta R.T. -0.023 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

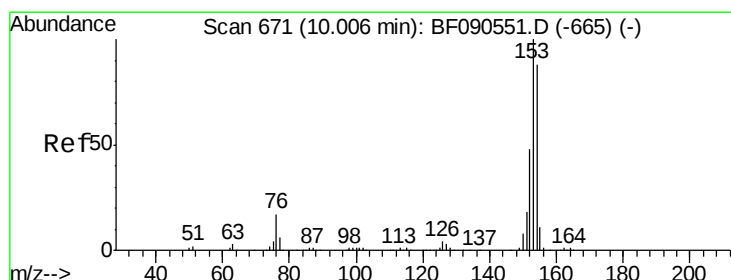
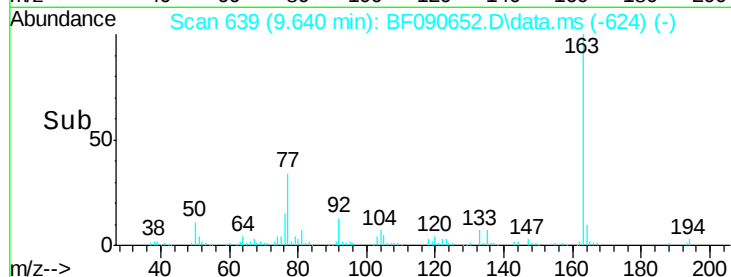
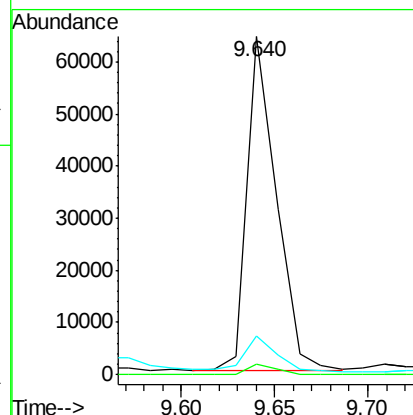
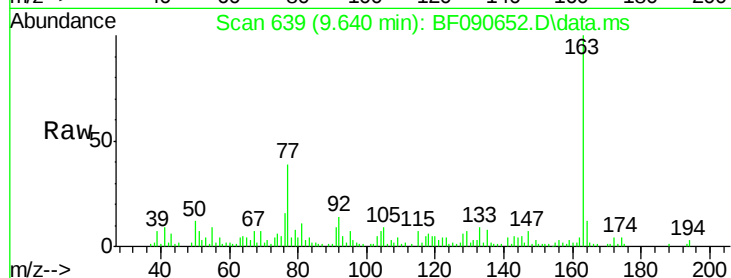
Tot Ion:163 Resp: 70658

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

164 11.6 8.6 13.0



#51

Acenaphthene

Concen: 2.58 ng

RT: 9.960 min Scan# 667

Delta R.T. -0.012 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

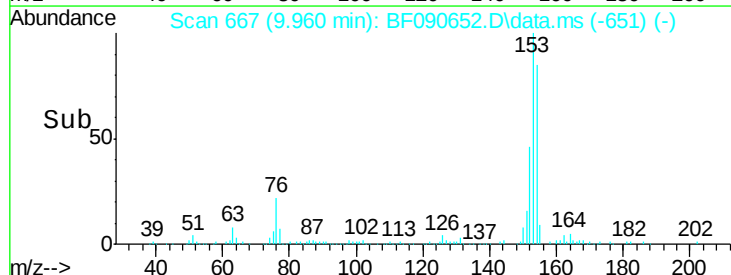
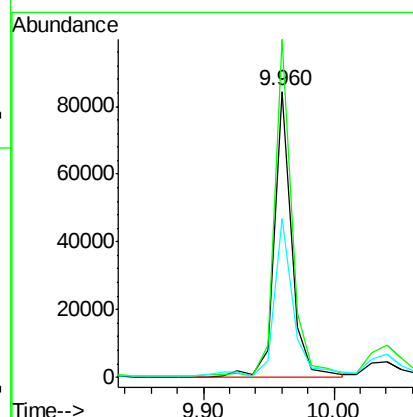
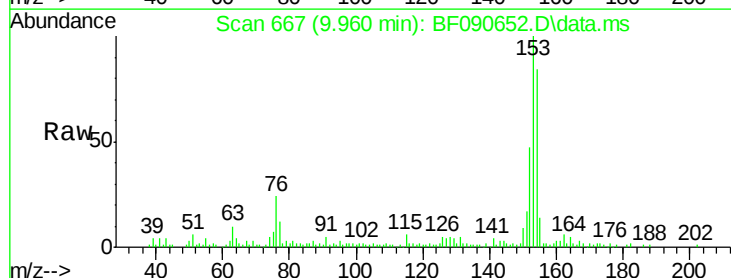
Tgt Ion:154 Resp: 79314

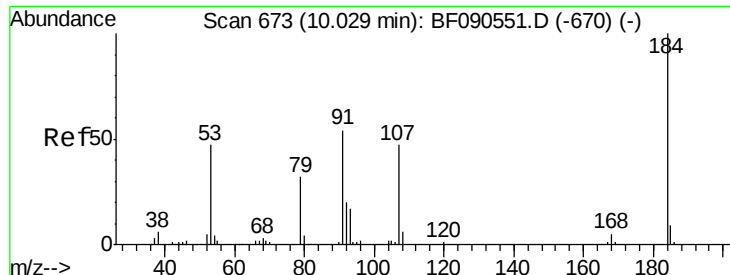
Ion Ratio Lower Upper

154 100

153 118.3 91.2 136.8

152 55.6 44.0 66.0

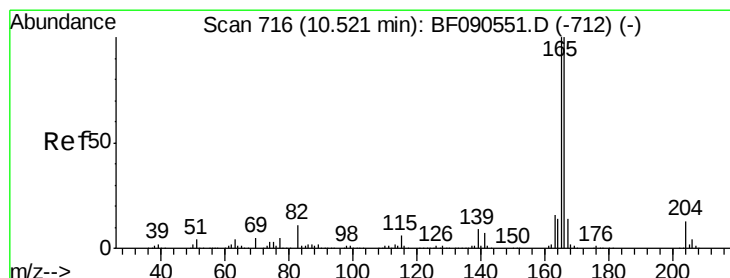
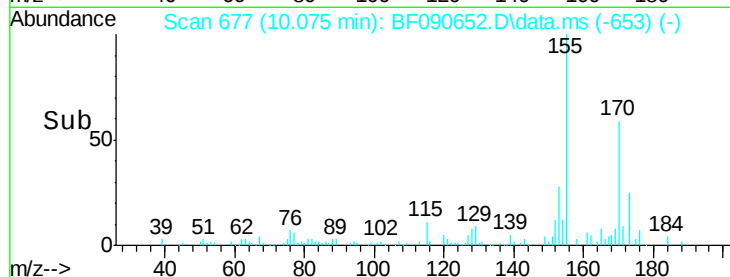
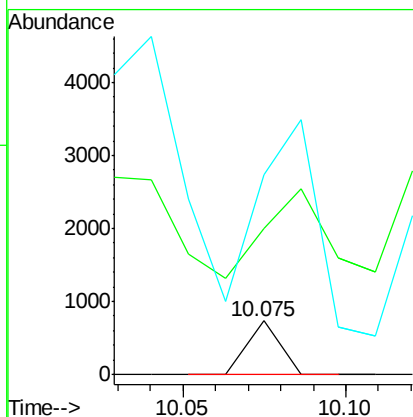
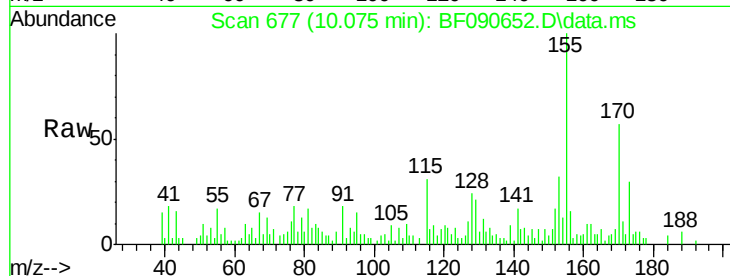




#53
2,4-Dinitrophenol
Concen: 5.79 ng
RT: 10.075 min Scan# 67
Delta R.T. 0.080 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

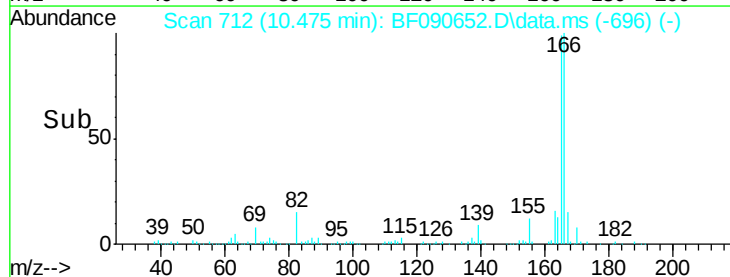
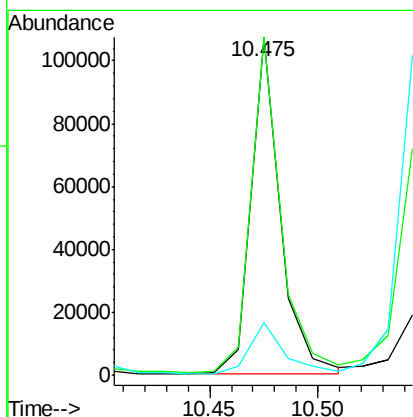
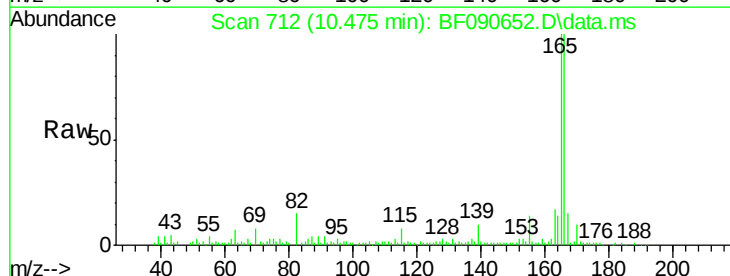
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

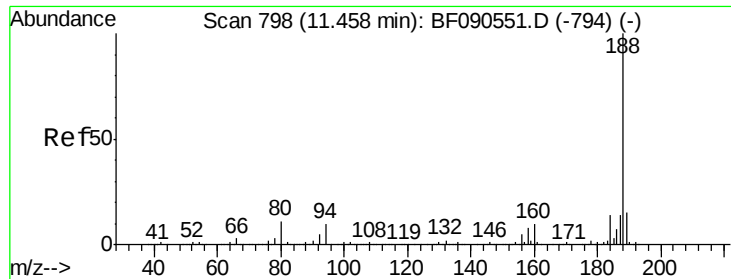
Tot Ion:184 Resp: 505
Ion Ratio Lower Upper
184 100
63 270.7 60.2 90.2#
154 370.4 86.1 129.1#



#57
Fluorene
Concen: 3.02 ng
RT: 10.475 min Scan# 712
Delta R.T. -0.012 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:166 Resp: 100631
Ion Ratio Lower Upper
166 100
165 100.0 79.9 119.9
167 15.5 10.9 16.3

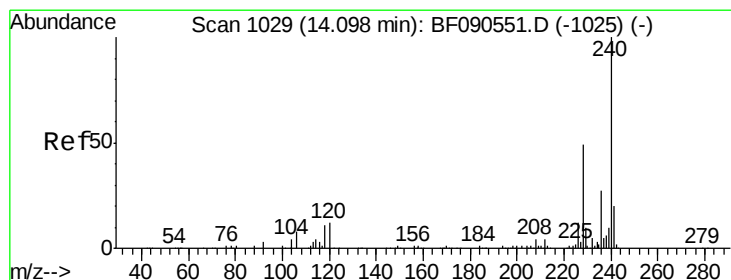
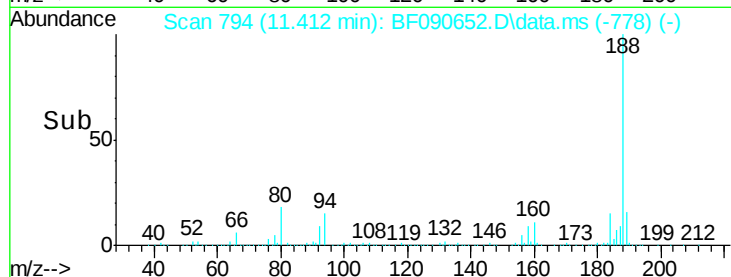
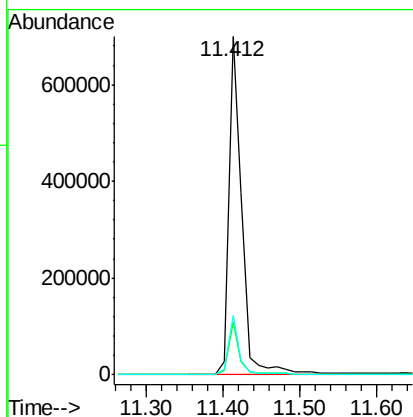
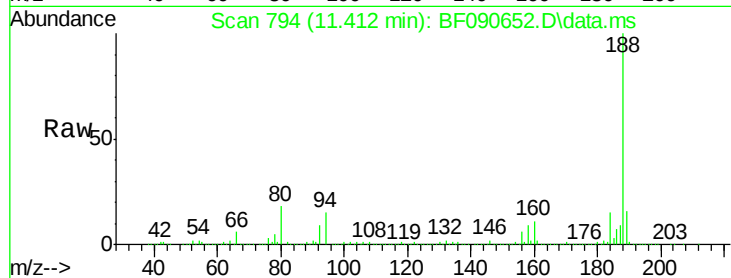




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.412 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

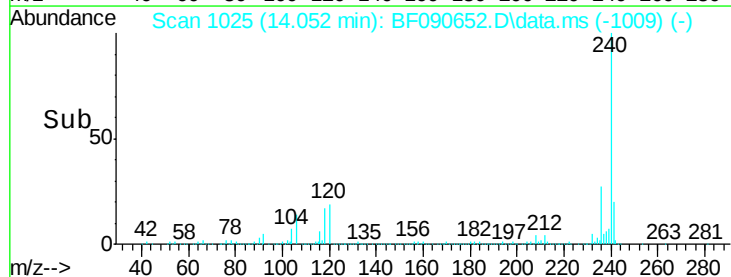
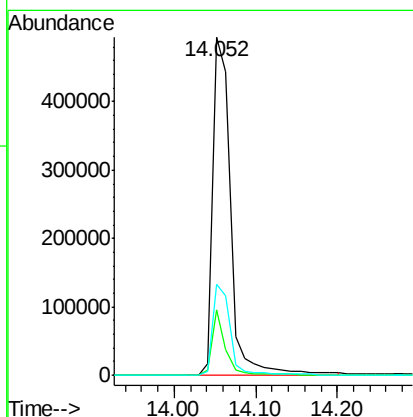
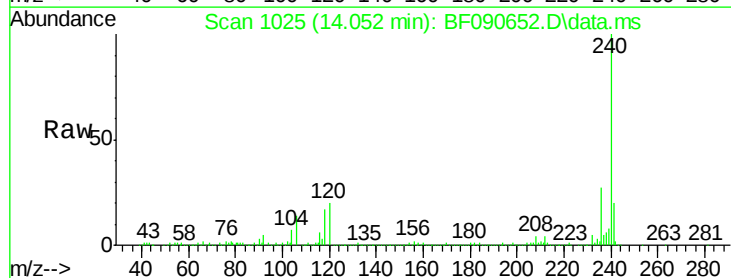
Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

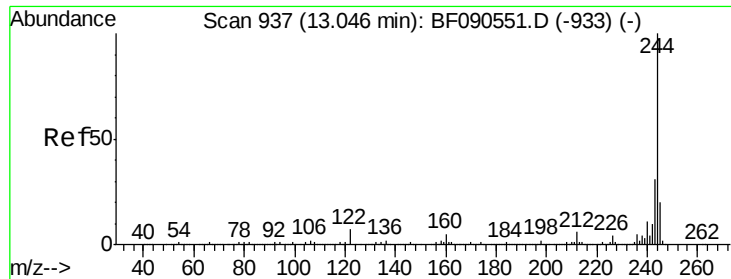
Tot Ion:188 Resp: 837213
Ion Ratio Lower Upper
188 100
94 15.5 7.7 11.5#
80 17.7 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.052 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF090652.D
Acq: 19 Oct 2016 17:20

Tgt Ion:240 Resp: 761820
Ion Ratio Lower Upper
240 100
120 19.5 9.8 14.8#
236 27.0 21.7 32.5





#78

Terphenyl-d14

Concen: 72.37 ng

RT: 13.012 min Scan# 93

Delta R.T. -0.000 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

Instrument :

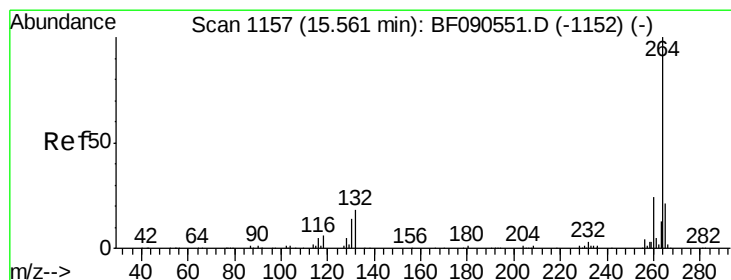
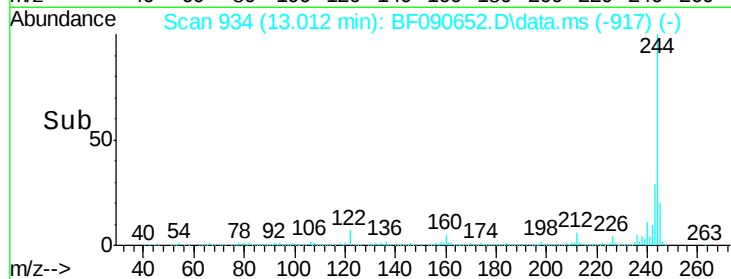
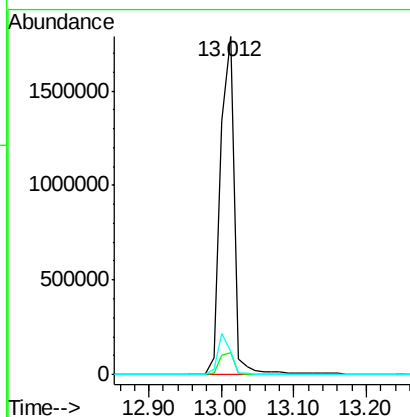
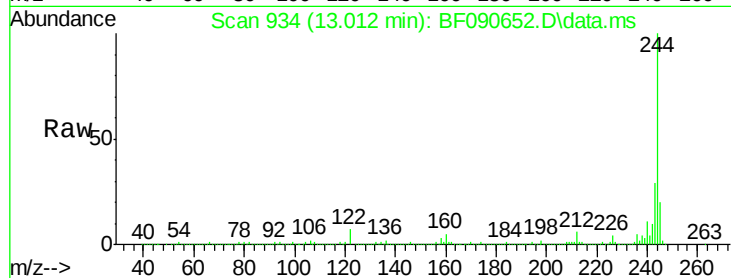
BNA_F

ClientSampleId :

OWL-C4-GW

Tot Ion:244 Resp: 2367775

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	6.9	5.6	8.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.504 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF090652.D

Acq: 19 Oct 2016 17:20

Tgt Ion:264 Resp: 612555

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.7	16.7	25.1

