

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090655.D
 Acq On : 19 Oct 2016 18:42
 Operator : UM/SJ
 Sample : H5296-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Quant Time: Oct 20 01:01:05 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

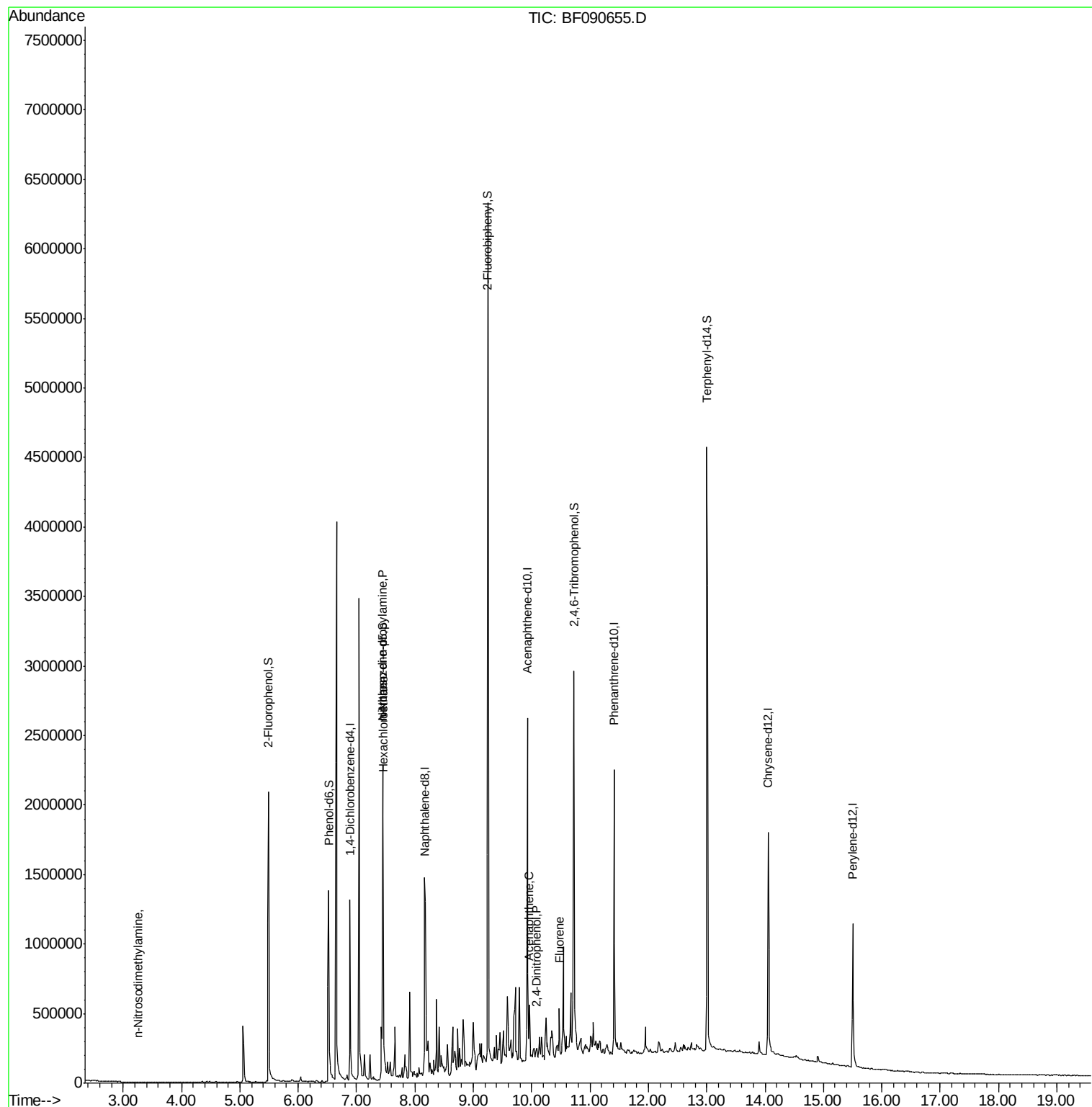
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	217028	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	945347	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	510011	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	840956	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	655513	20.00	ng	-0.01
86) Perylene-d12	15.50	264	496179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	757666	64.00	ng	0.00
7) Phenol-d6	6.52	99	664391	37.77	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1144230	67.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	543672	119.57	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1989373	64.27	ng	-0.01
78) Terphenyl-d14	13.00	244	1975351	70.16	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.25	42	233	7.21	ng	# 1
18) Hexachloroethane	7.46	117	195922	29.78	ng	# 6
19) n-Nitroso-di-n-propylamine	7.45	70	130159	10.79	ng	# 79
51) Acenaphthene	9.96	154	78587	2.57	ng	98
53) 2,4-Dinitrophenol	10.07	184	1171	5.95	ng	# 5
57) Fluorene	10.47	166	73343	2.21	ng	99

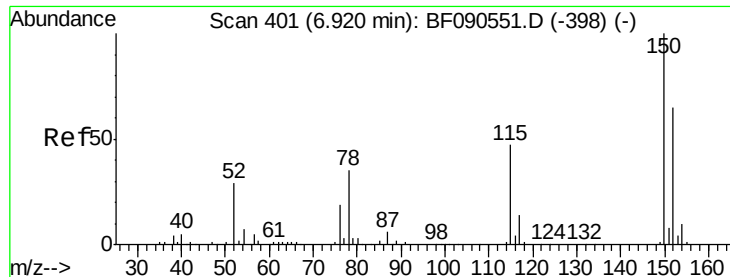
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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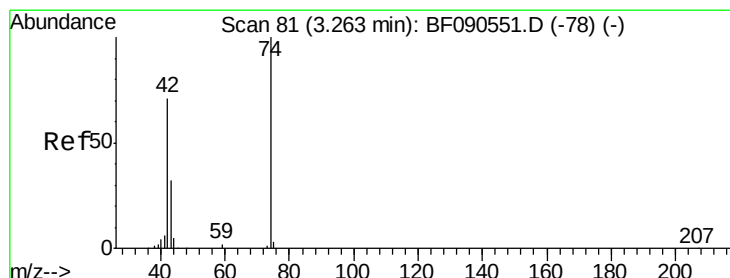
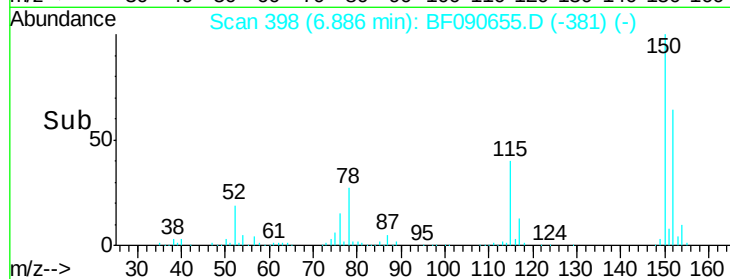
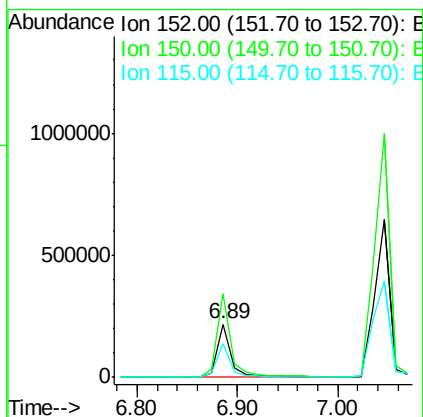
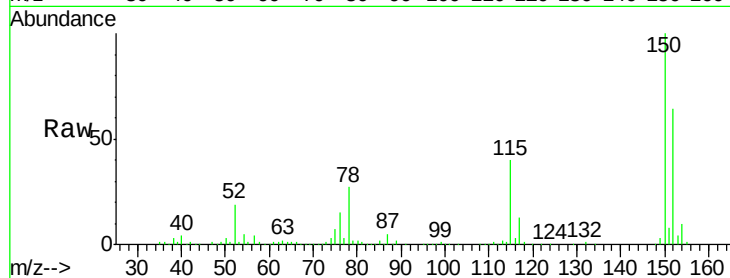


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

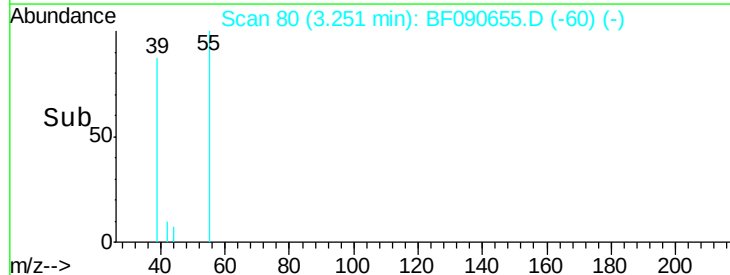
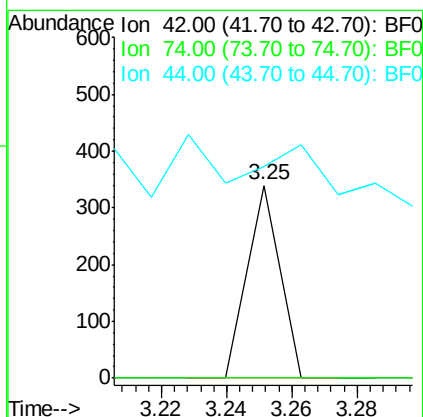
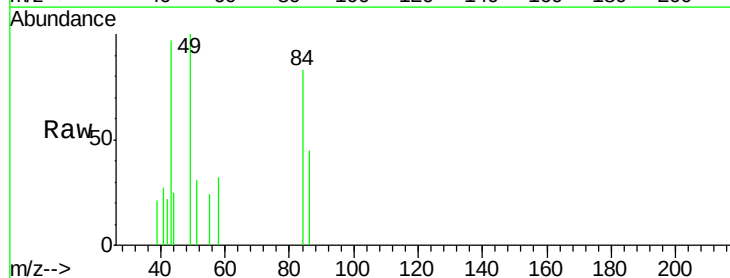
Tgt Ion:152 Resp: 217028
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 63.3 58.6 88.0

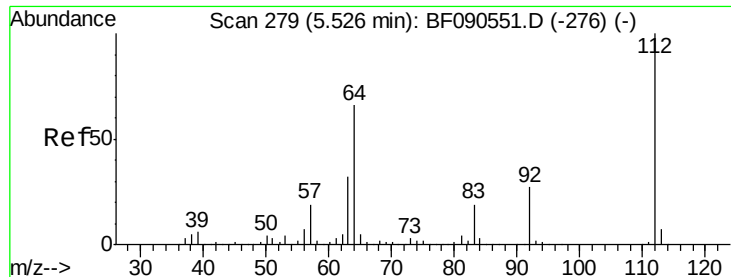


#4

n-Nitrosodimethylamine
Concen: 7.21 ng
RT: 3.25 min Scan# 80
Delta R.T. 0.03 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion: 42 Resp: 233
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 110.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 64.00 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

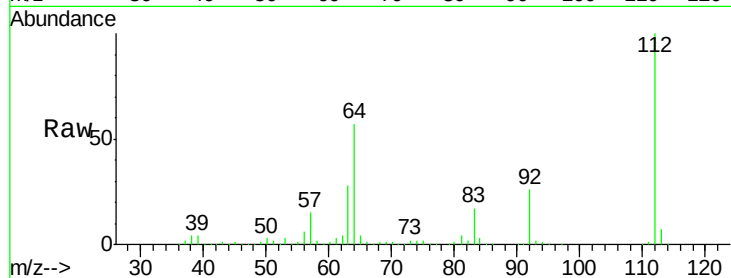
Tgt Ion: 112 Resp: 757666

Ion Ratio Lower Upper

112 100

64 56.9 52.6 78.8

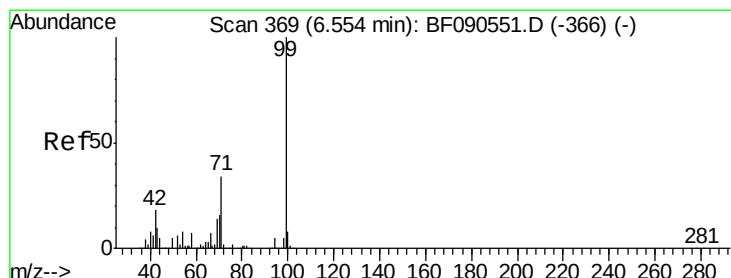
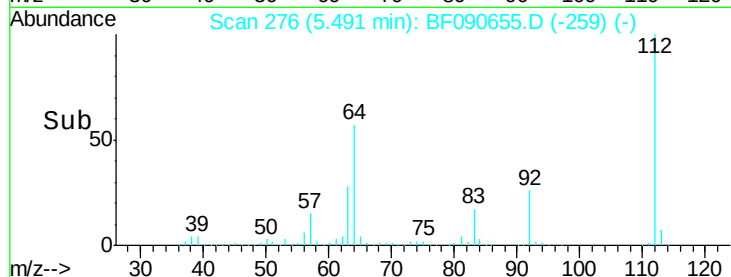
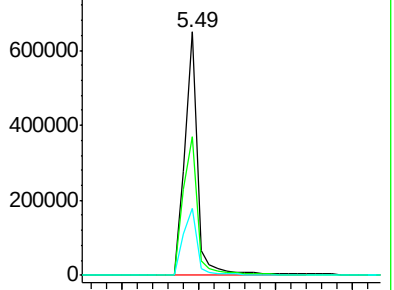
63 27.7 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 37.77 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

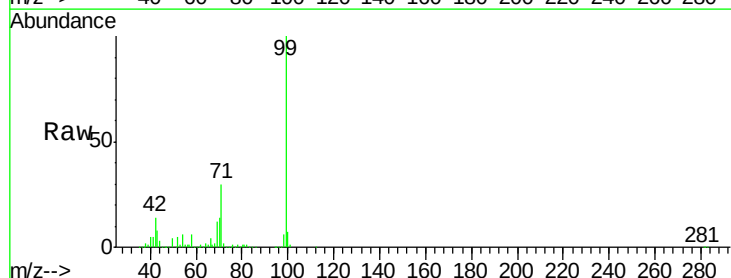
Tgt Ion: 99 Resp: 664391

Ion Ratio Lower Upper

99 100

42 14.1 14.7 22.1#

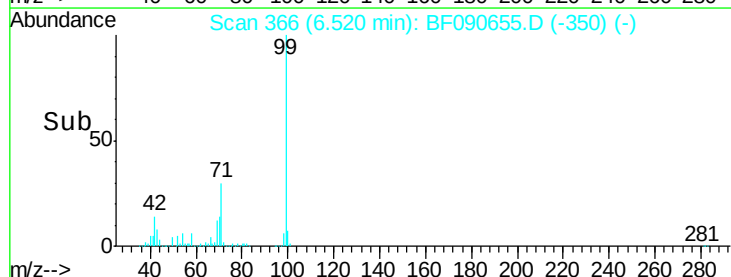
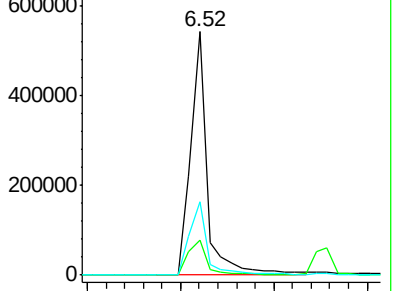
71 30.2 27.6 41.4

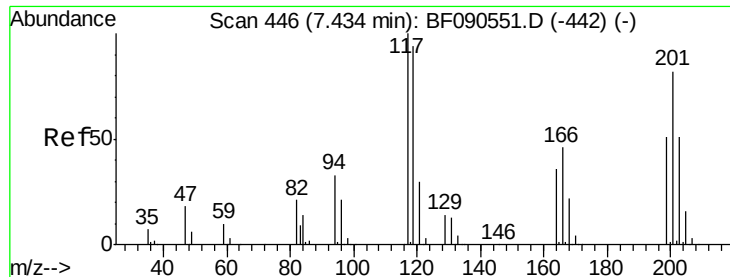


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#18

Hexachloroethane

Concen: 29.78 ng

RT: 7.46 min Scan# 448

Delta R.T. 0.06 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

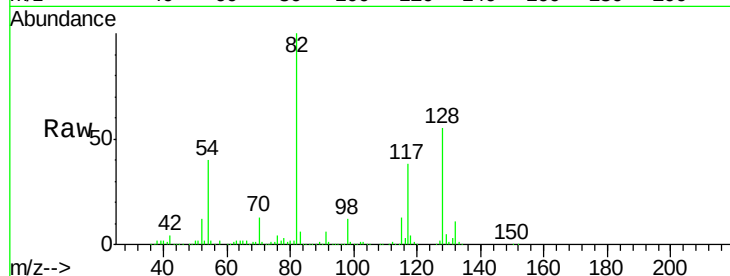
Tgt Ion: 117 Resp: 195922

Ion Ratio Lower Upper

117 100

119 2.1 75.6 113.4#

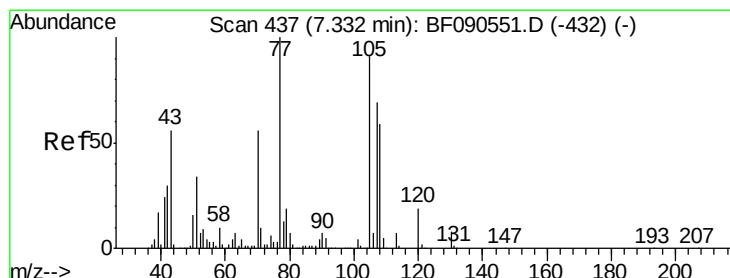
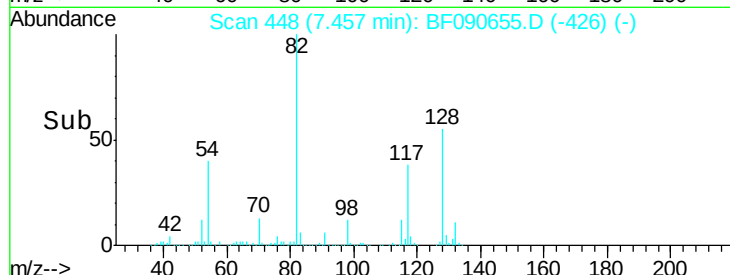
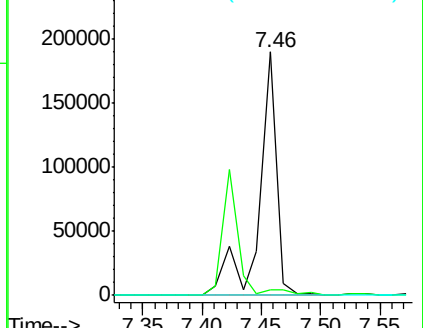
201 0.0 65.4 98.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 10.79 ng

RT: 7.45 min Scan# 447

Delta R.T. 0.14 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Tgt Ion: 70 Resp: 130159

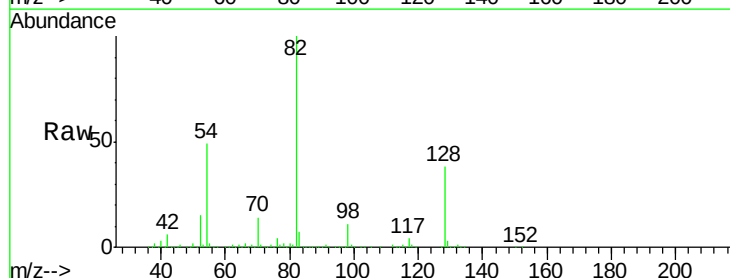
Ion Ratio Lower Upper

70 100

42 40.9 43.4 65.0#

101 0.0 6.4 9.6#

130 2.0 12.1 18.1#

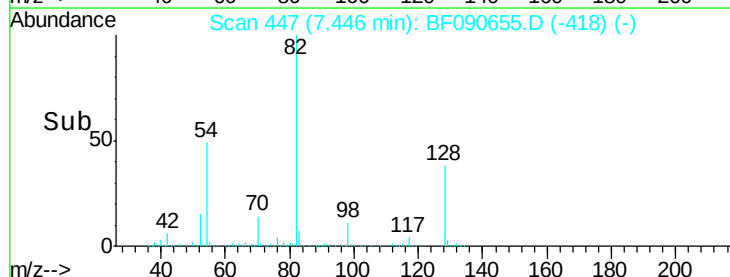
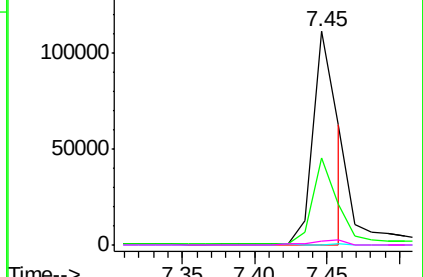


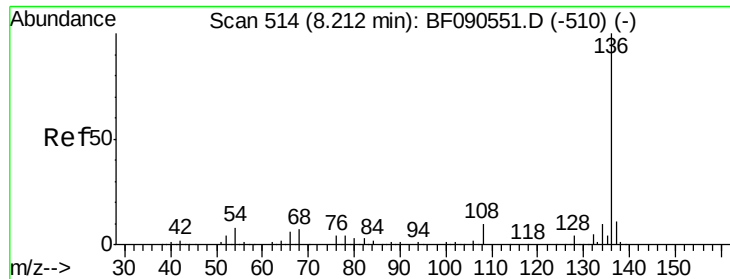
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

Tgt Ion: 136 Resp: 945347

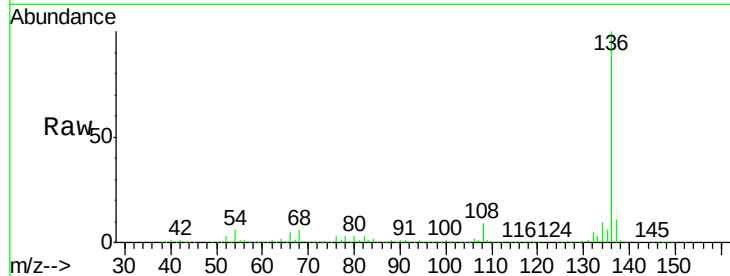
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 6.8 10.2#

68 5.9 6.0 9.0#

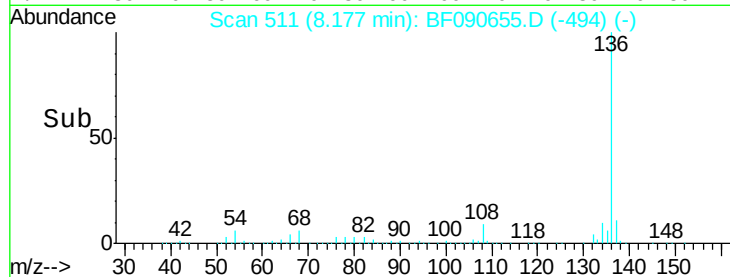


Abundance Ion 136.00 (135.70 to 136.70): E

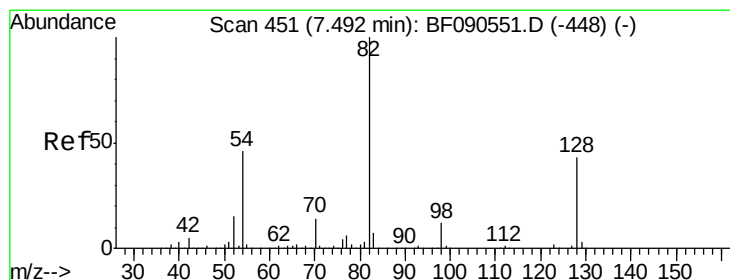
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 67.24 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

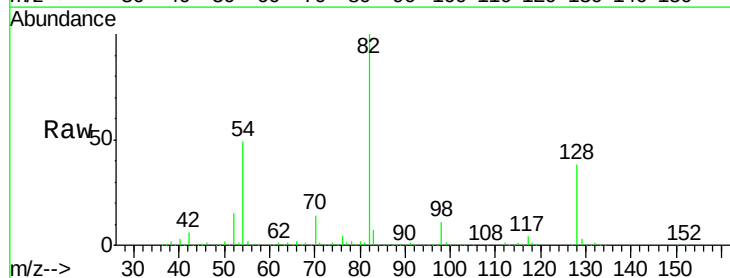
Tgt Ion: 82 Resp: 1144230

Ion Ratio Lower Upper

82 100

128 38.2 34.3 51.5

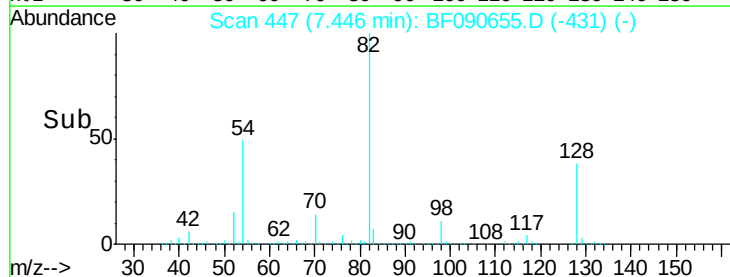
54 48.7 37.0 55.6



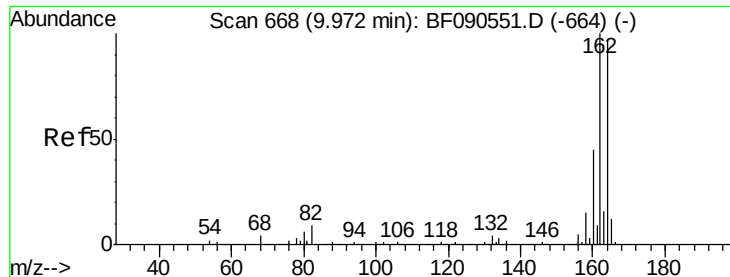
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

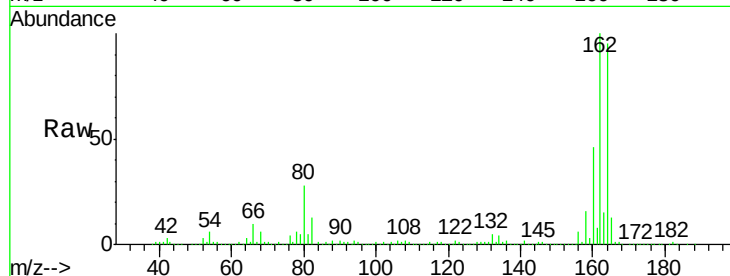
Tgt Ion:164 Resp: 510011

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.4

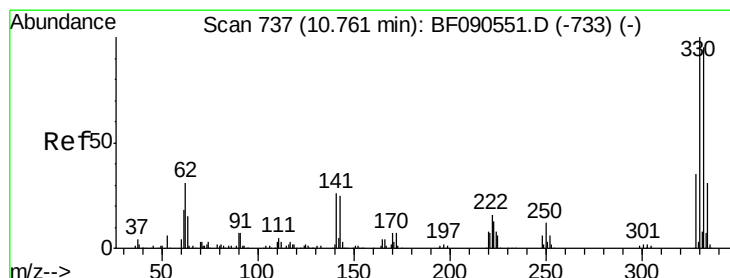
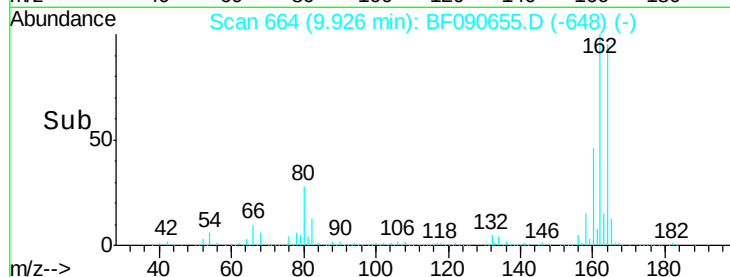
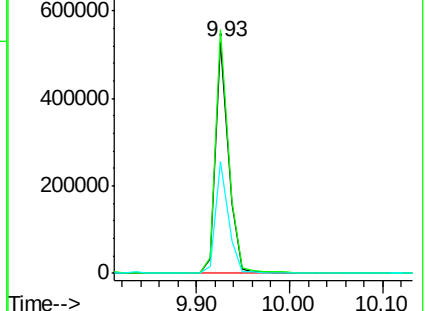
160 48.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 119.57 ng

RT: 10.73 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

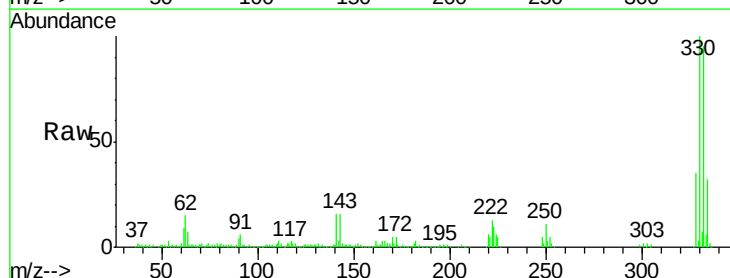
Tgt Ion:330 Resp: 543672

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.2

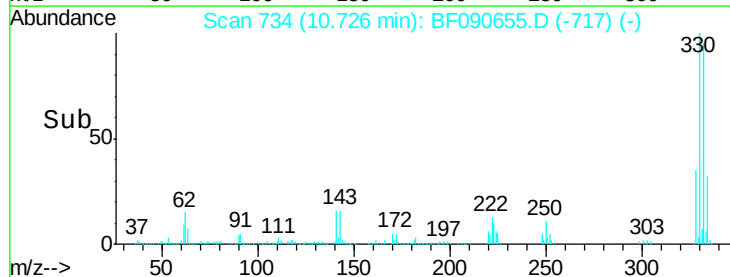
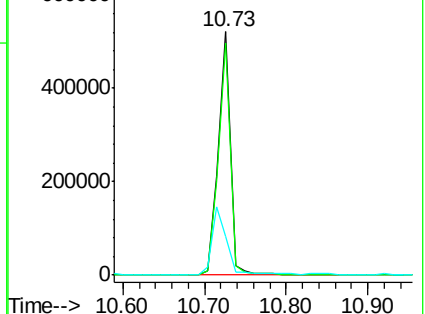
141 33.0 31.4 47.2

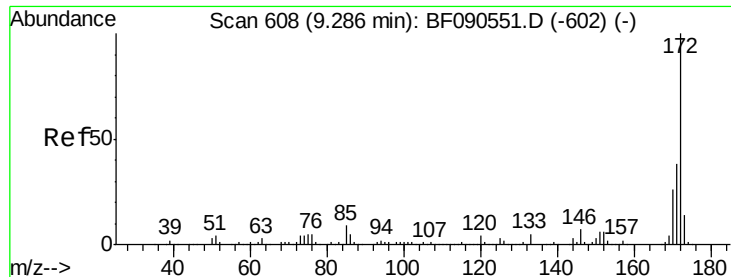


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

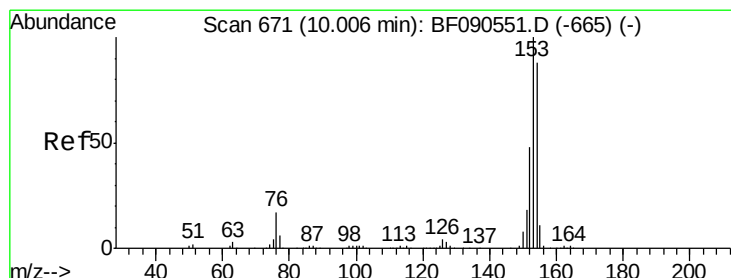
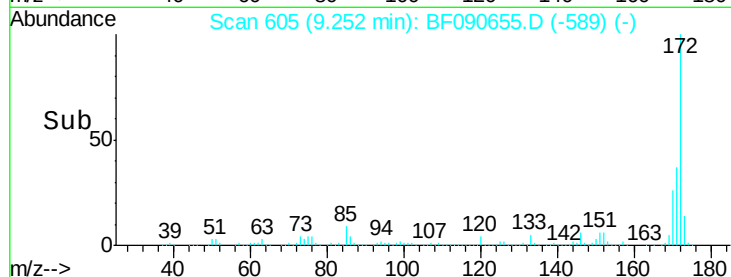
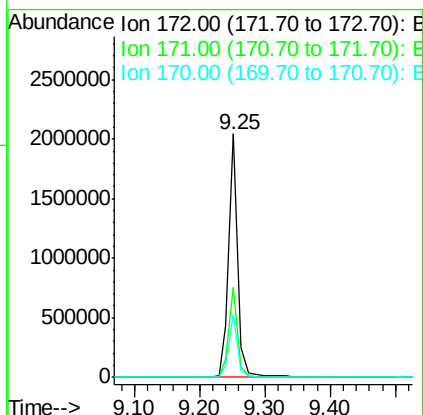
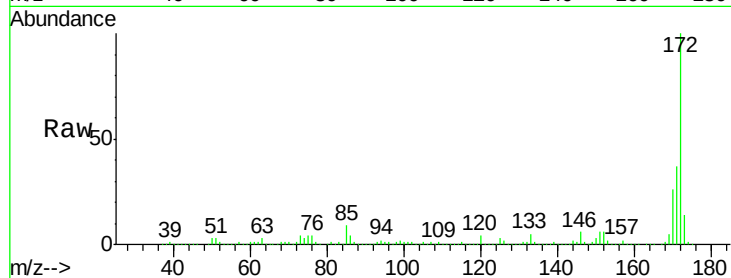




#44
2-Fluorobiphenyl
Concen: 64.27 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

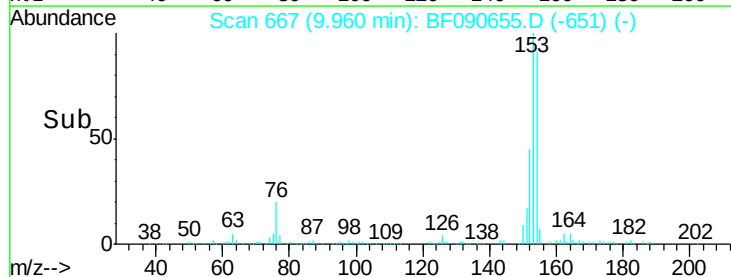
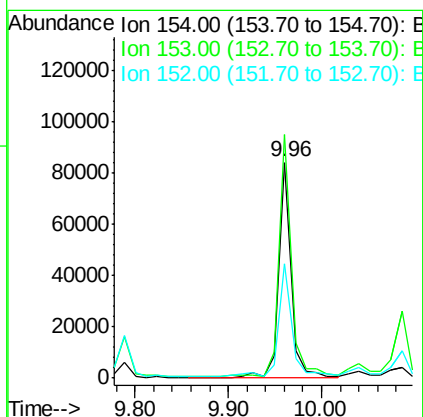
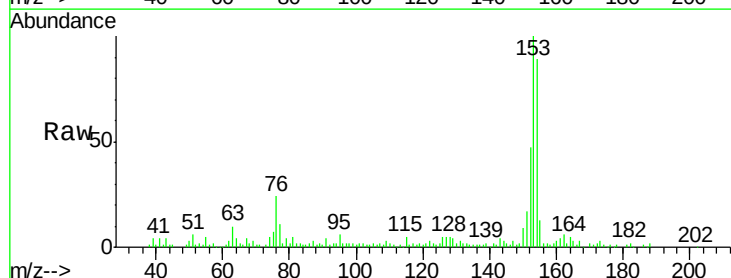
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

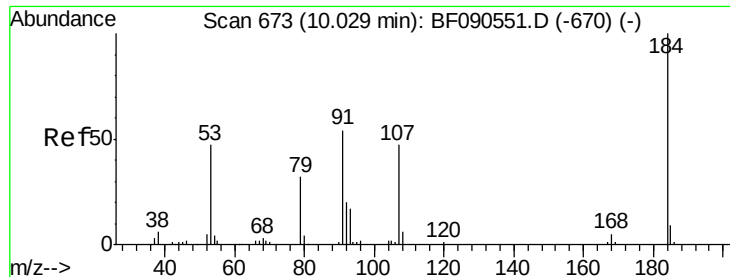
Tgt Ion:172 Resp: 1989373
Ion Ratio Lower Upper
172 100
171 37.1 30.1 45.1
170 25.7 20.6 30.8



#51
Acenaphthene
Concen: 2.57 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:154 Resp: 78587
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 53.2 44.0 66.0

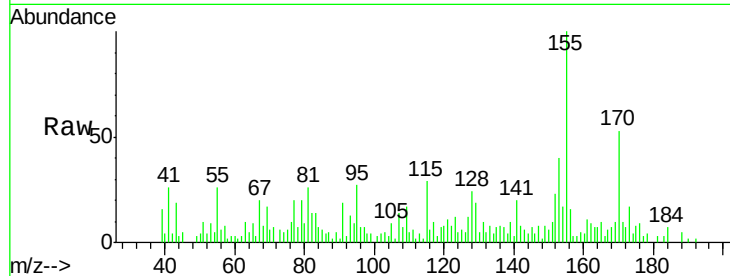




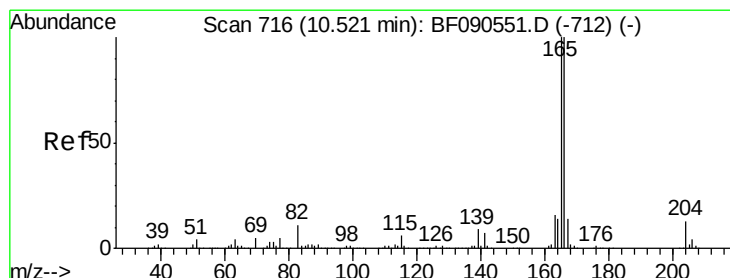
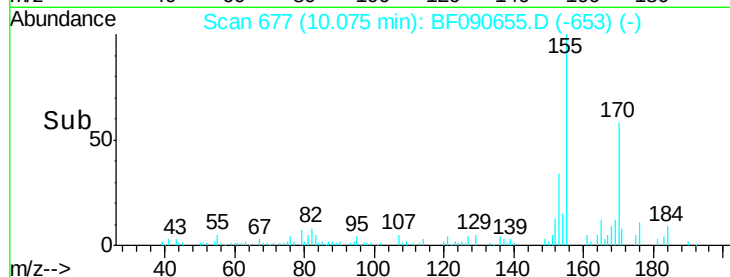
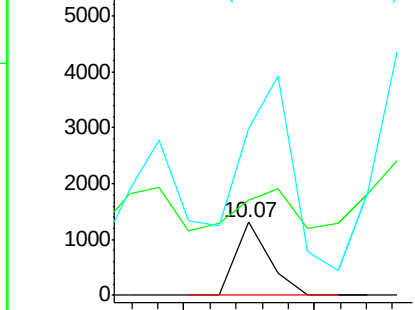
#53
2,4-Dinitrophenol
Concen: 5.95 ng
RT: 10.07 min Scan# 677
Delta R.T. 0.08 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:184 Resp: 1171
Ion Ratio Lower Upper
184 100
63 130.8 60.2 90.2#
154 229.1 86.1 129.1#

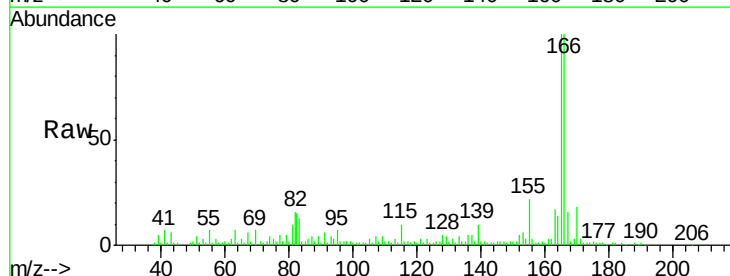


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

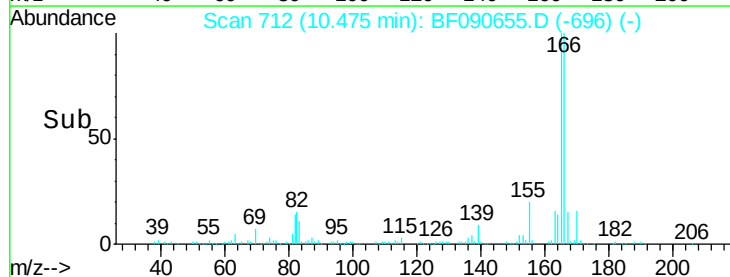
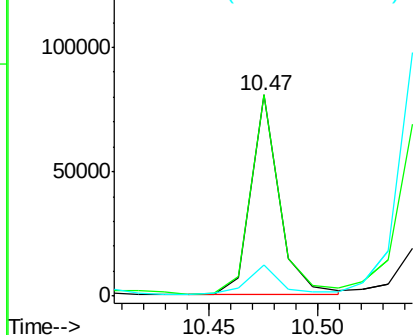


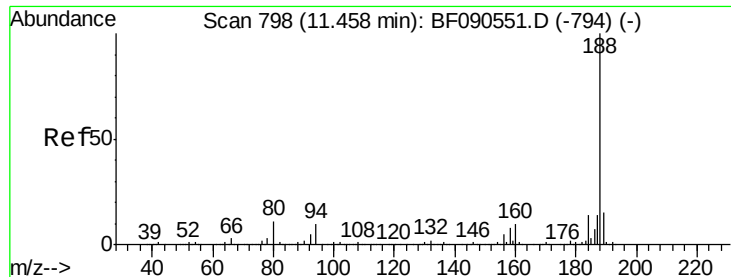
#57
Fluorene
Concen: 2.21 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:166 Resp: 73343
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 15.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

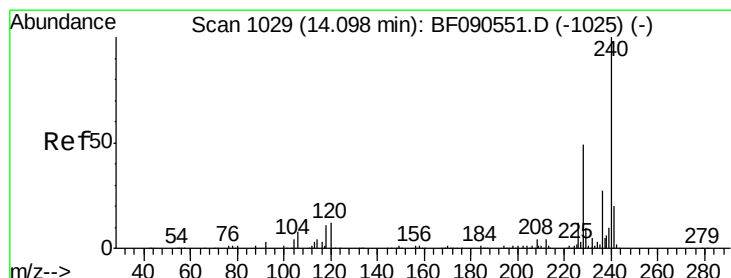
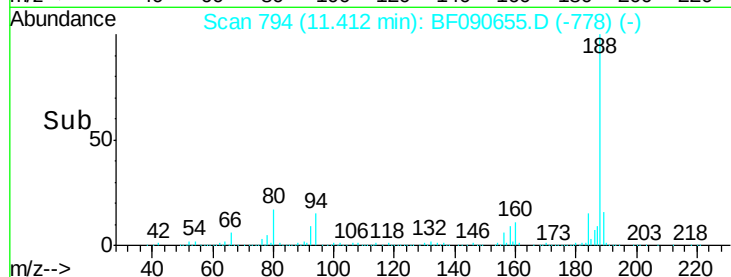
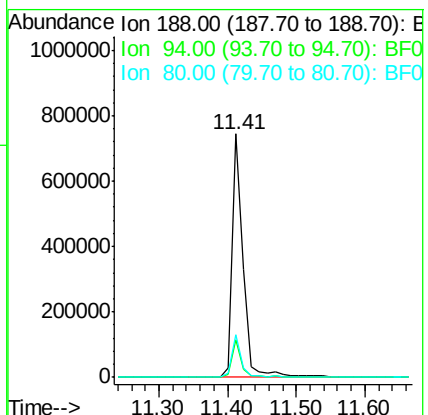
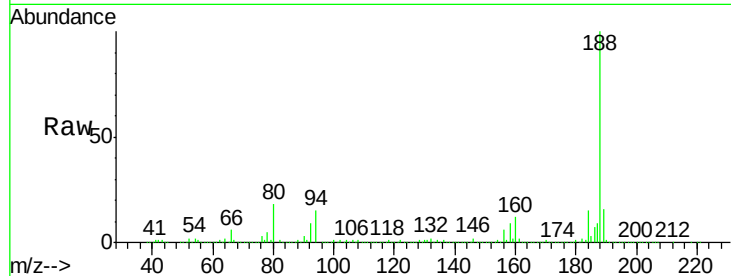




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

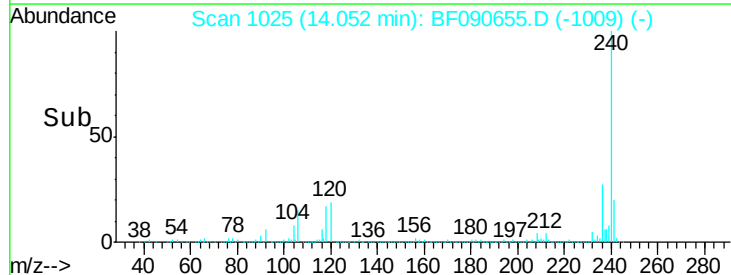
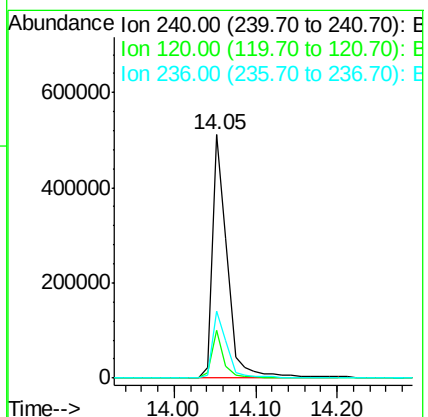
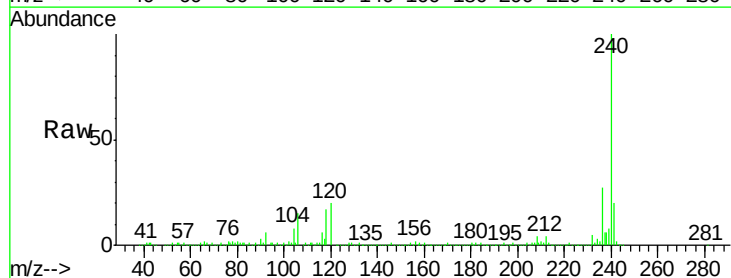
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

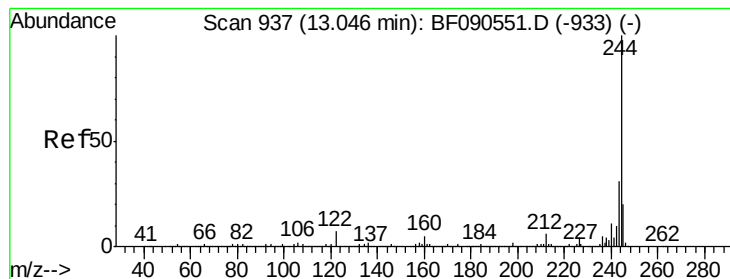
Tgt Ion:188 Resp: 840956
Ion Ratio Lower Upper
188 100
94 15.3 7.7 11.5#
80 17.6 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090655.D
Acq: 19 Oct 2016 18:42

Tgt Ion:240 Resp: 655513
Ion Ratio Lower Upper
240 100
120 19.6 9.8 14.8#
236 27.4 21.7 32.5





#78

Terphenyl-d14

Concen: 70.16 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

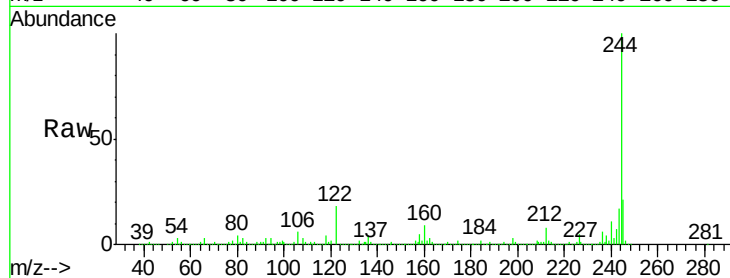
Tgt Ion:244 Resp: 1975351

Ion Ratio Lower Upper

244 100

212 8.0 5.0 7.4#

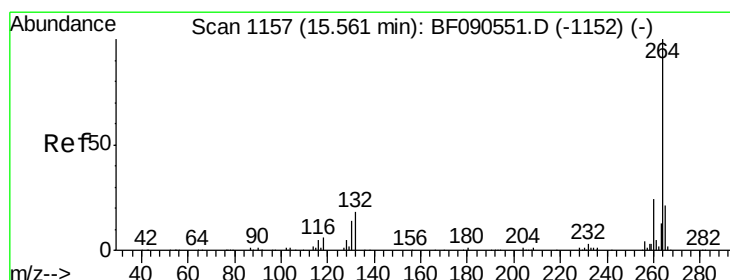
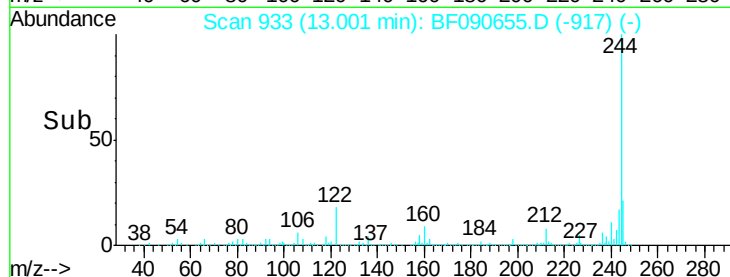
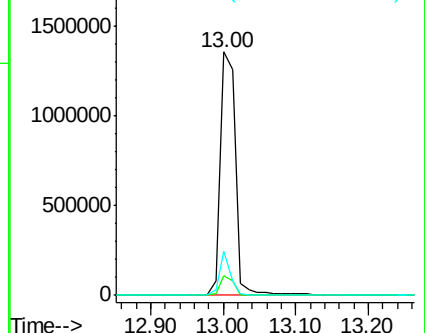
122 17.9 5.6 8.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF090655.D

Acq: 19 Oct 2016 18:42

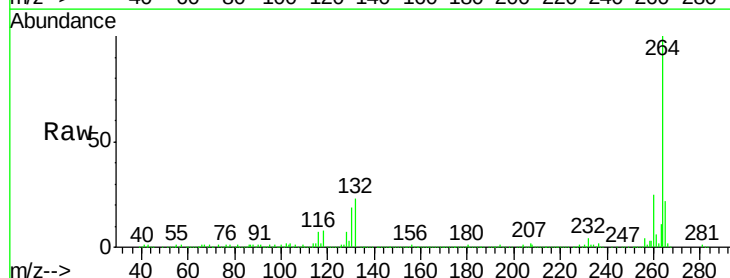
Tgt Ion:264 Resp: 496179

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 21.8 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

