

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090656.D
 Acq On : 19 Oct 2016 19:10
 Operator : UM/SJ
 Sample : H5296-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Quant Time: Oct 20 01:01:21 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

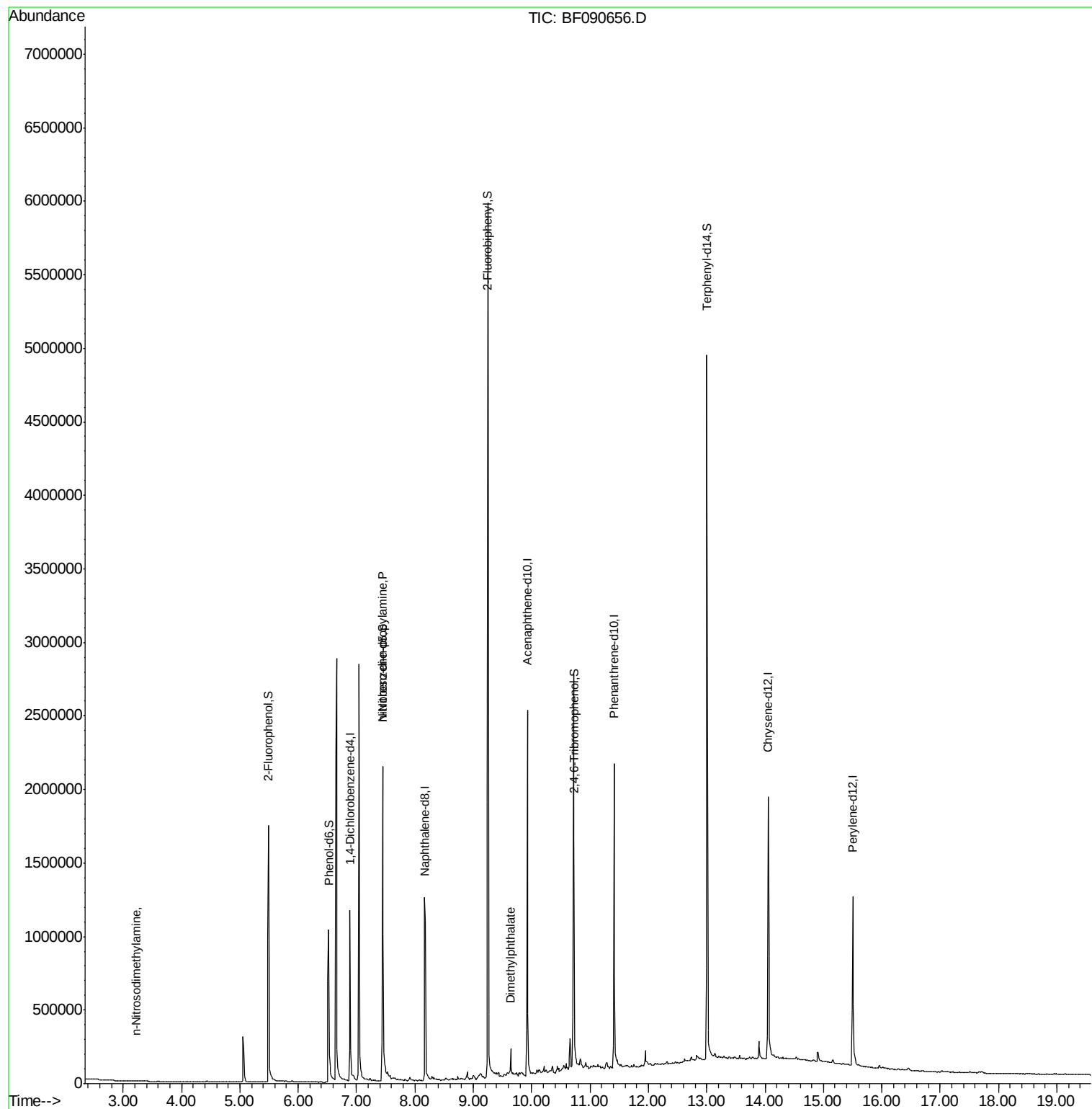
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	208871	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	912461	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	508737	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	799366	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	700400	20.00	ng	-0.01
86) Perylene-d12	15.50	264	488817	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	654529	57.45	ng	0.00
7) Phenol-d6	6.52	99	577384	34.10	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1036697	63.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	421071	92.84	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1934876	62.67	ng	-0.01
78) Terphenyl-d14	13.00	244	1883701	62.62	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.23	42	1519	7.42	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	117273	10.10	ng	# 79
49) Dimethylphthalate	9.64	163	77102	2.34	ng	100

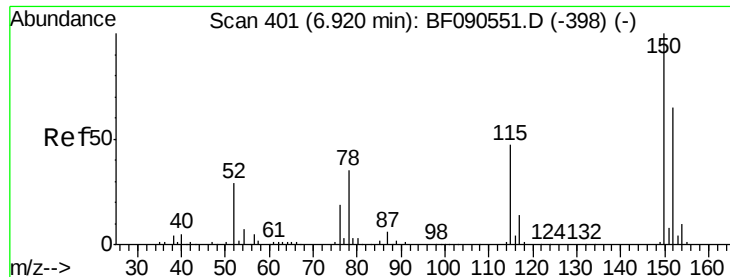
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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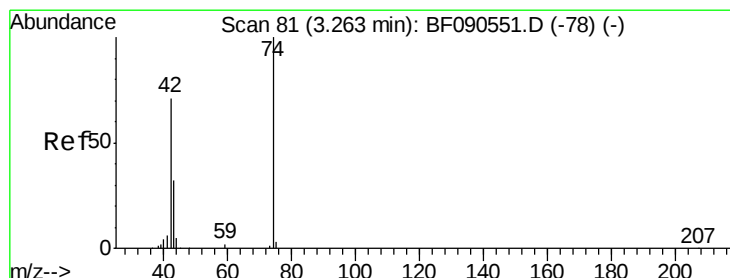
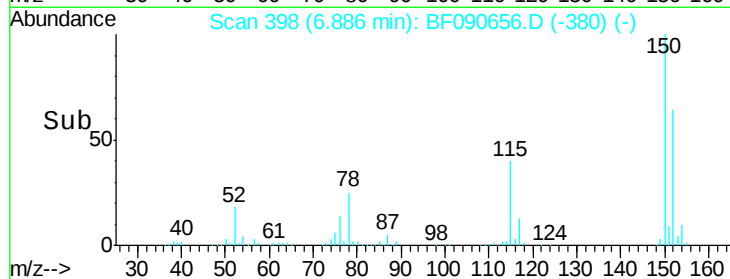
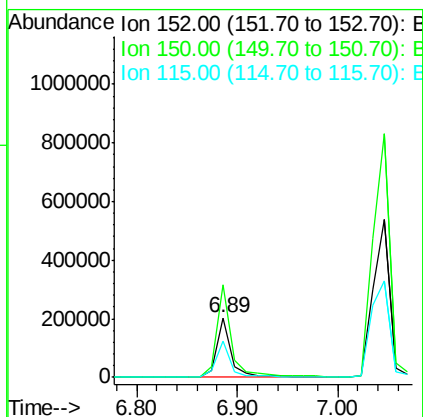
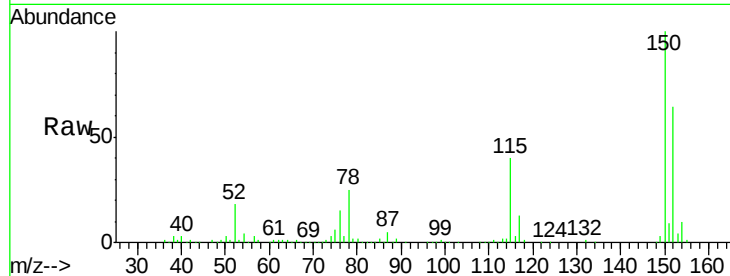


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BF090656.D
 Acq: 19 Oct 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

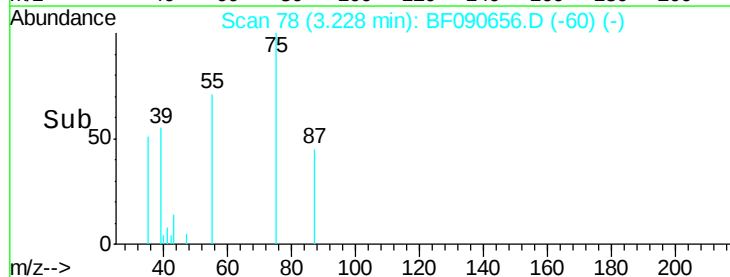
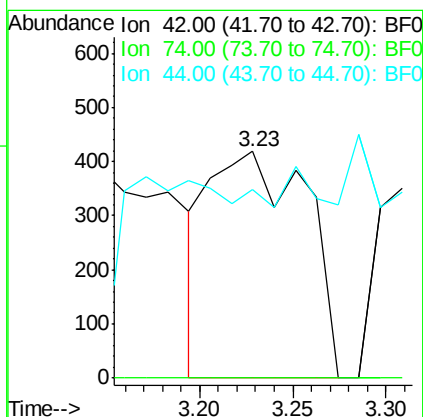
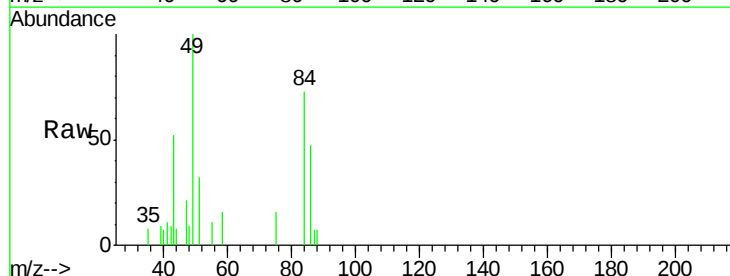
Tgt Ion:152 Resp: 208871
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.2 190.8
 115 61.7 58.6 88.0

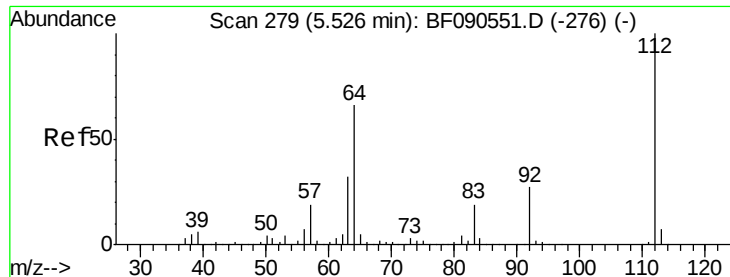


#4

n-Nitrosodimethylamine
 Concen: 7.42 ng
 RT: 3.23 min Scan# 78
 Delta R.T. 0.01 min
 Lab File: BF090656.D
 Acq: 19 Oct 2016 19:10

Tgt Ion: 42 Resp: 1519
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.3 169.9#
 44 83.3 6.0 9.0#





#5

2-Fluorophenol

Concen: 57.45 ng

RT: 5.49 min Scan# 276

Delta R.T. 0.00 min

Lab File: BF090656.D

Acq: 19 Oct 2016 19:10

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

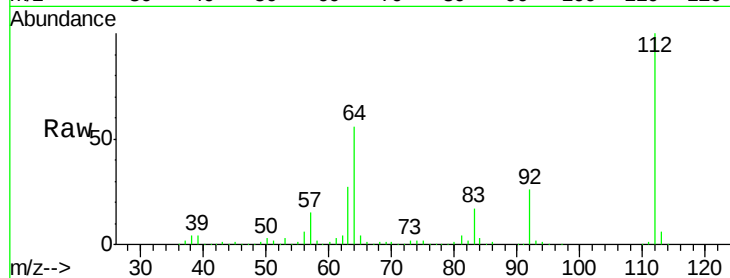
Tgt Ion: 112 Resp: 654529

Ion Ratio Lower Upper

112 100

64 56.1 52.6 78.8

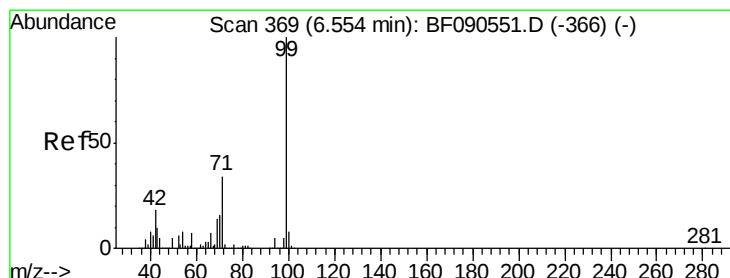
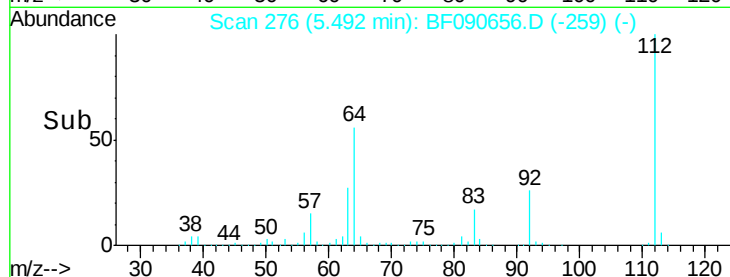
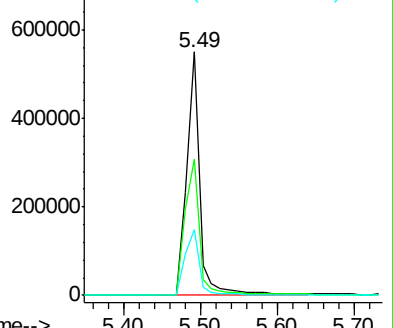
63 27.1 26.0 39.0



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: 34.10 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090656.D

Acq: 19 Oct 2016 19:10

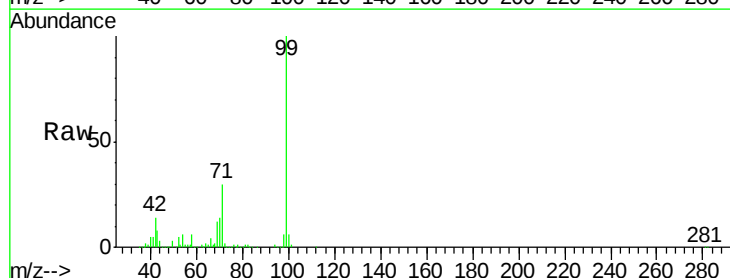
Tgt Ion: 99 Resp: 577384

Ion Ratio Lower Upper

99 100

42 14.0 14.7 22.1#

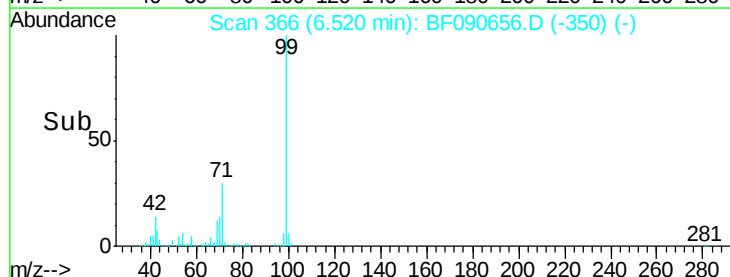
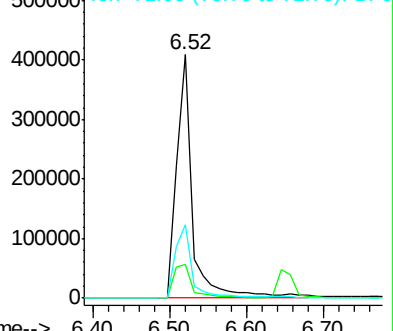
71 30.1 27.6 41.4

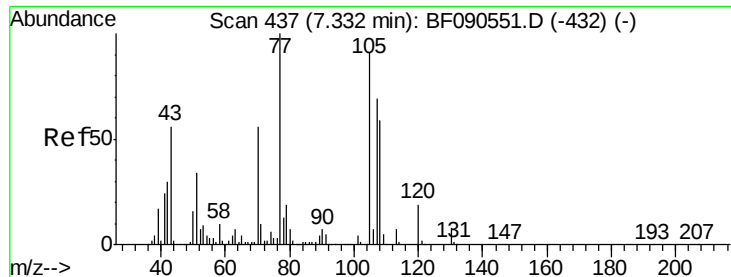


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

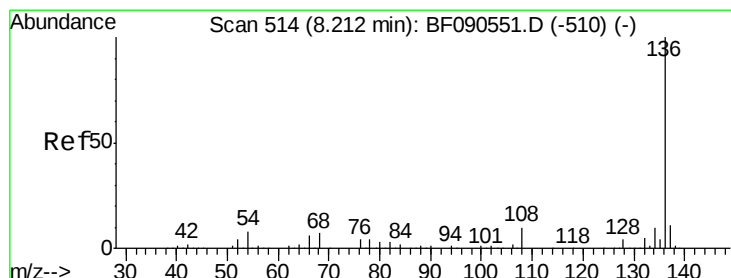
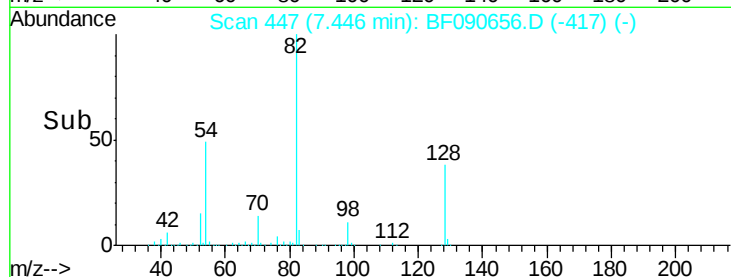
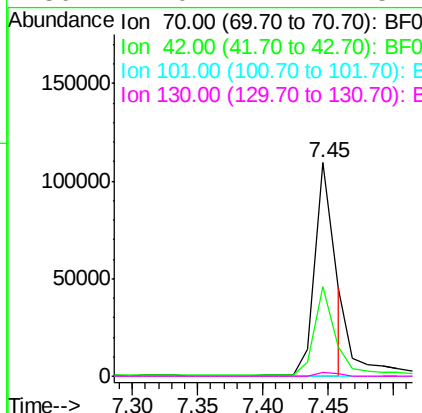
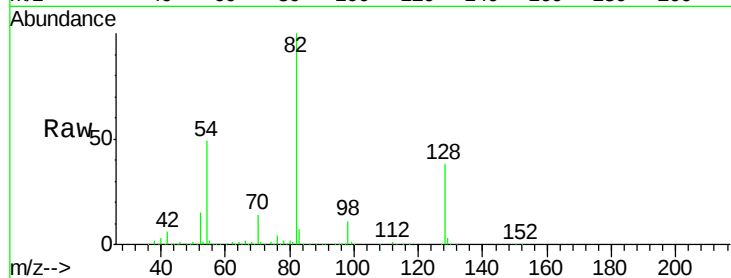




#19
n-Nitroso-di-n-propylamine
Concen: 10.10 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090656.D
Acq: 19 Oct 2016 19:10

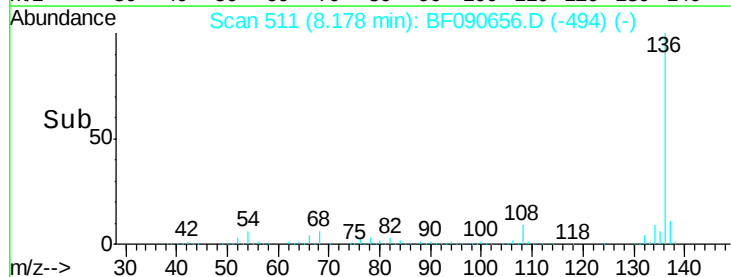
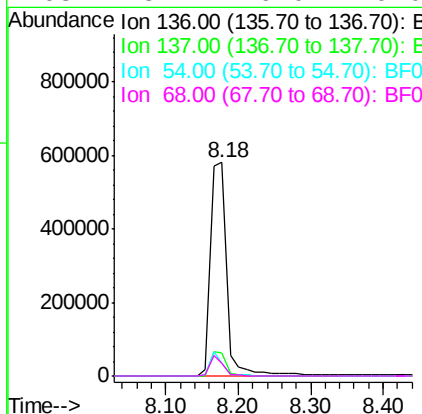
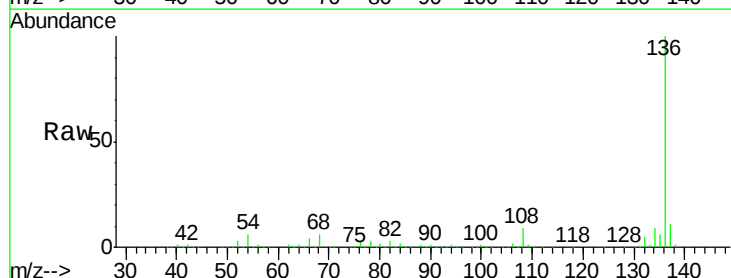
Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

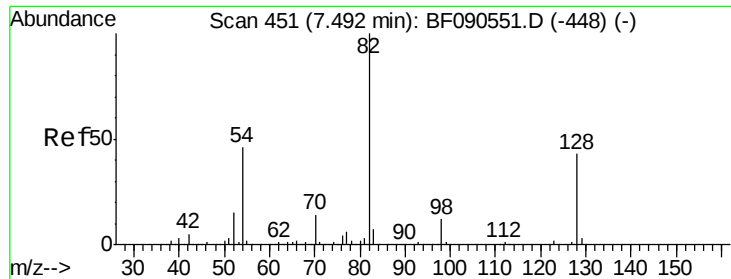
Tgt Ion: 70 Resp: 117273
Ion Ratio Lower Upper
70 100
42 41.8 43.4 65.0#
101 0.0 6.4 9.6#
130 2.0 12.1 18.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF090656.D
Acq: 19 Oct 2016 19:10

Tgt Ion: 136 Resp: 912461
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.0 6.8 10.2#
68 5.7 6.0 9.0#

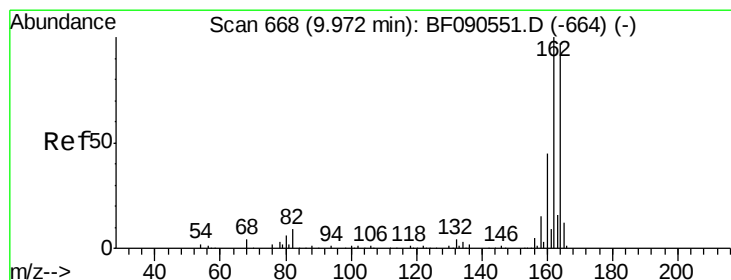
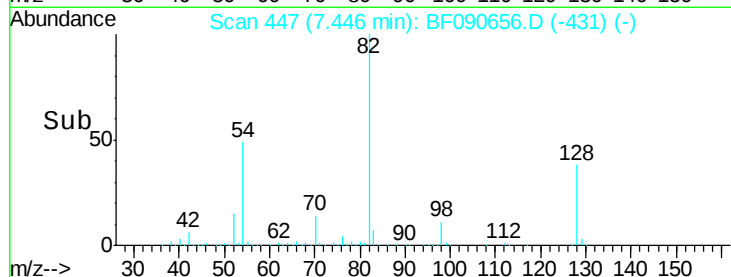
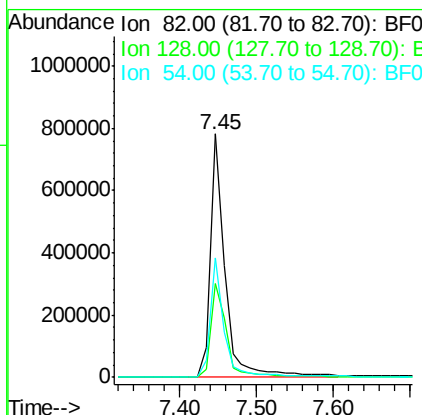
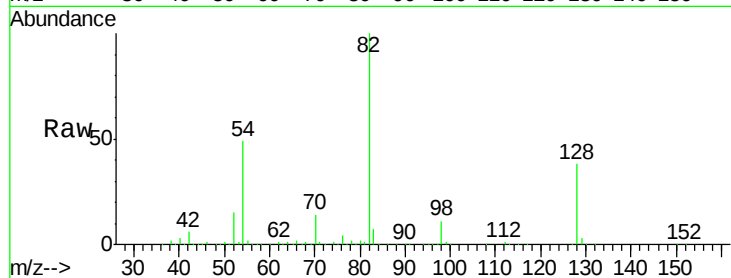




#23
 Nitrobenzene-d5
 Concen: 63.11 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090656.D
 Acq: 19 Oct 2016 19:10

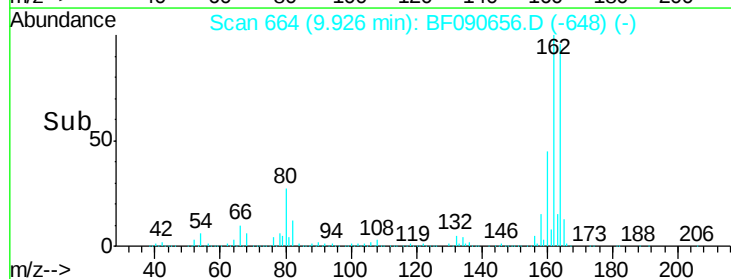
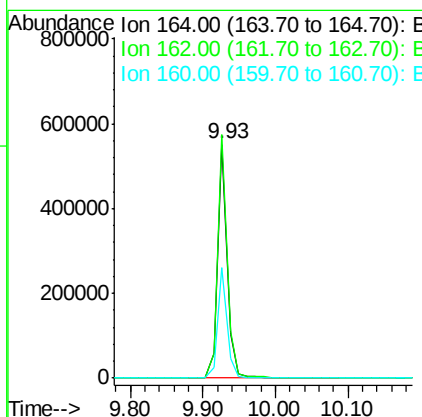
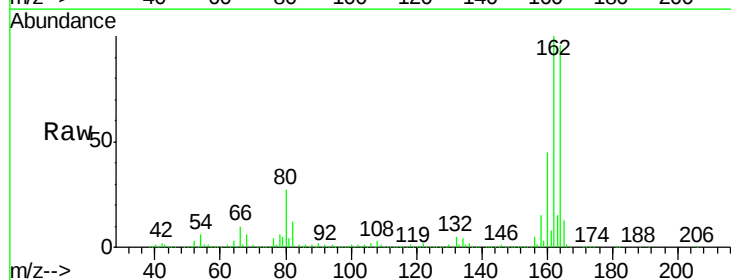
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

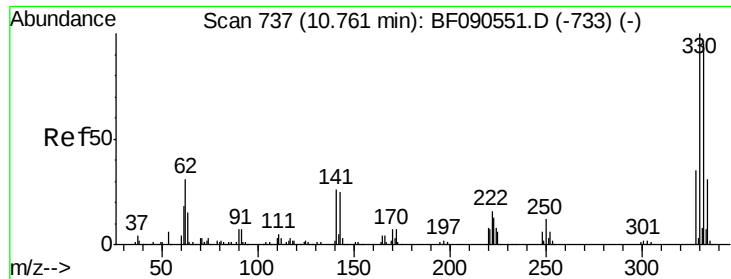
Tgt Ion: 82 Resp: 1036697
 Ion Ratio Lower Upper
 82 100
 128 38.4 34.3 51.5
 54 49.1 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090656.D
 Acq: 19 Oct 2016 19:10

Tgt Ion: 164 Resp: 508737
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.2 123.4
 160 47.2 36.6 55.0

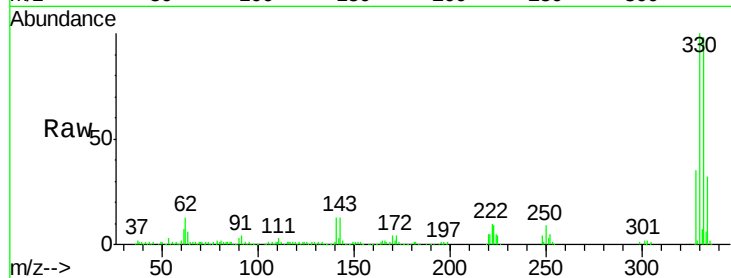




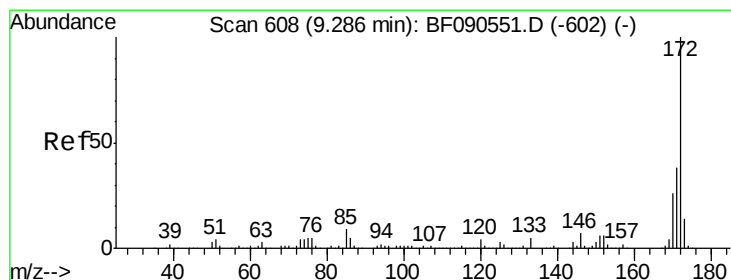
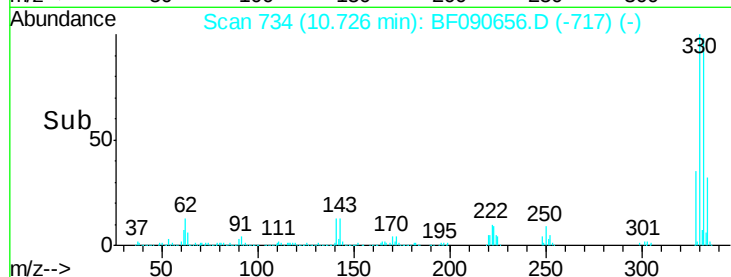
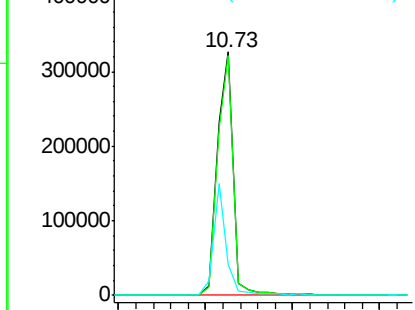
#41
 2,4,6-Tribromophenol
 Concen: 92.84 ng
 RT: 10.73 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF090656.D
 Acq: 19 Oct 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C8-GW

Tgt Ion:330 Resp: 421071
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.2 114.2
 141 36.7 31.4 47.2

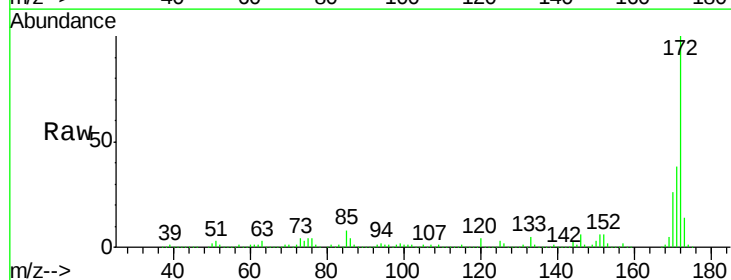


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

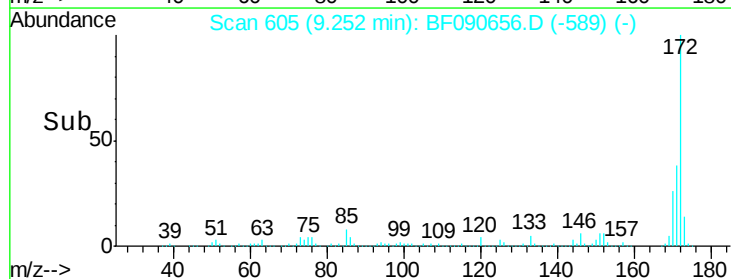
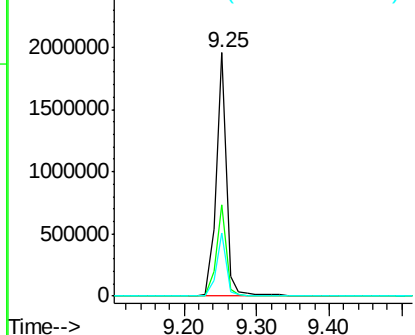


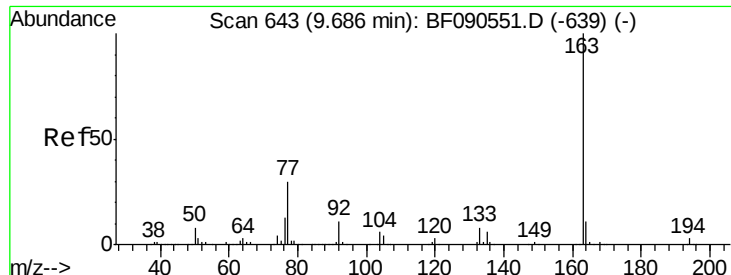
#44
 2-Fluorobiphenyl
 Concen: 62.67 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090656.D
 Acq: 19 Oct 2016 19:10

Tgt Ion:172 Resp: 1934876
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.1 45.1
 170 25.8 20.6 30.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.34 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF090656.D

Acq: 19 Oct 2016 19:10

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

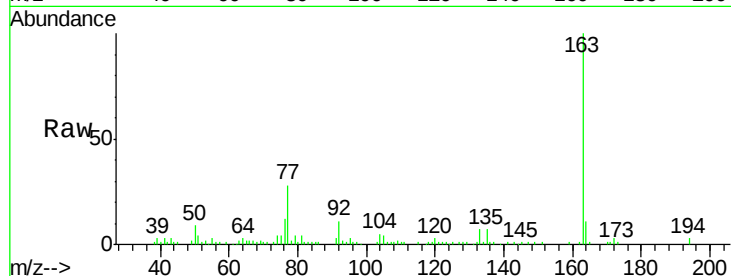
Tgt Ion:163 Resp: 77102

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

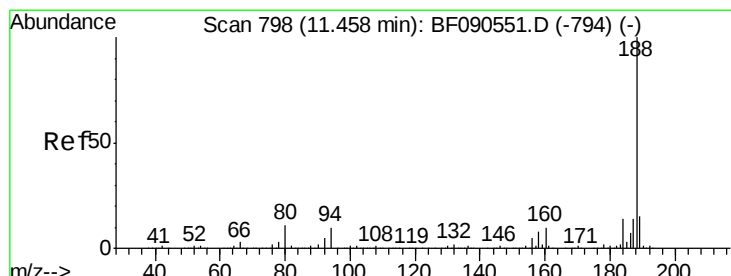
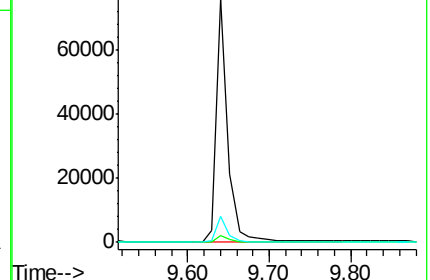
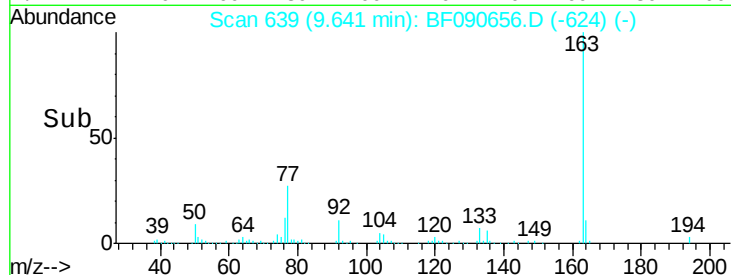
164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090656.D

Acq: 19 Oct 2016 19:10

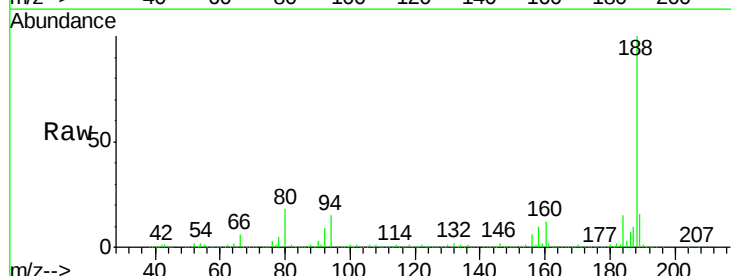
Tgt Ion:188 Resp: 799366

Ion Ratio Lower Upper

188 100

94 15.4 7.7 11.5#

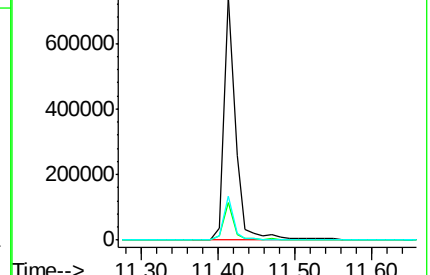
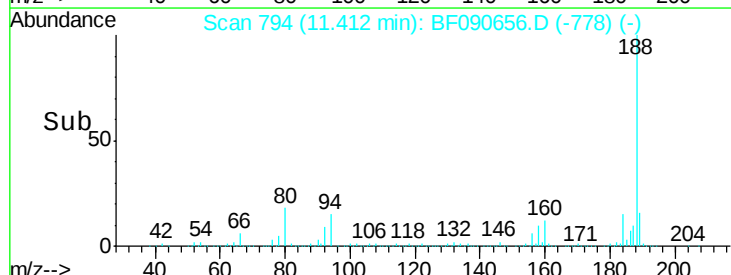
80 18.0 8.6 12.8#

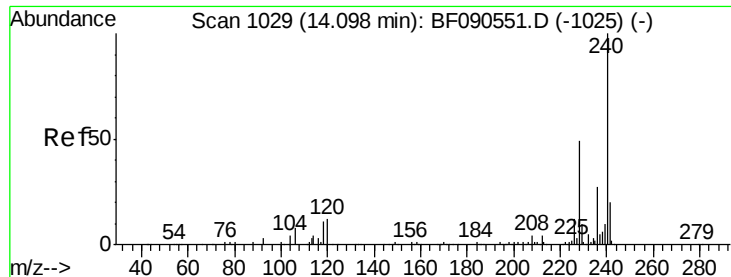


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090656.D

Acq: 19 Oct 2016 19:10

Instrument :

BNA_F

ClientSampleId :

OWL-C8-GW

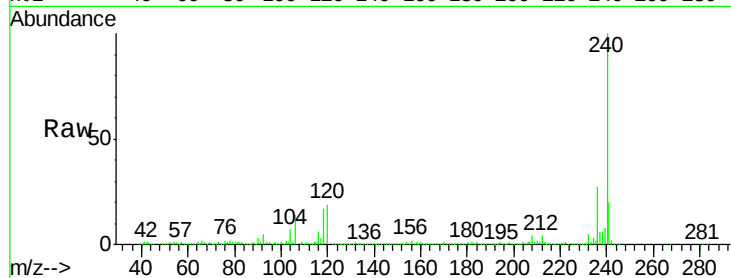
Tgt Ion:240 Resp: 700400

Ion Ratio Lower Upper

240 100

120 18.8 9.8 14.8#

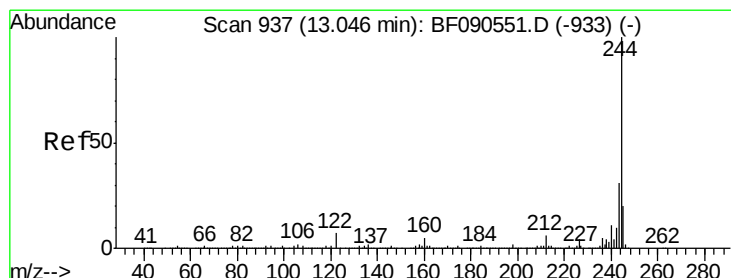
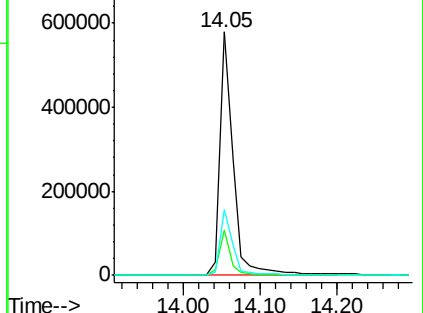
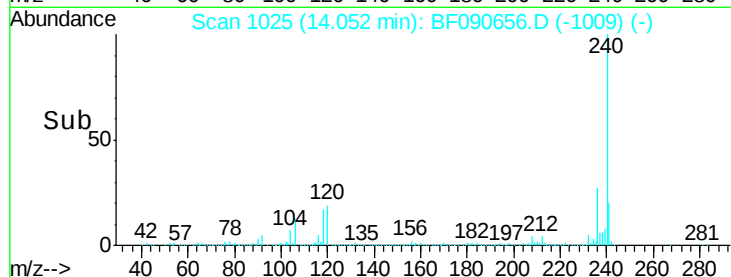
236 27.0 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 62.62 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090656.D

Acq: 19 Oct 2016 19:10

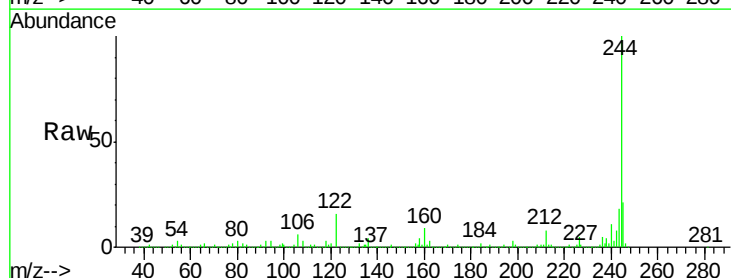
Tgt Ion:244 Resp: 1883701

Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.4#

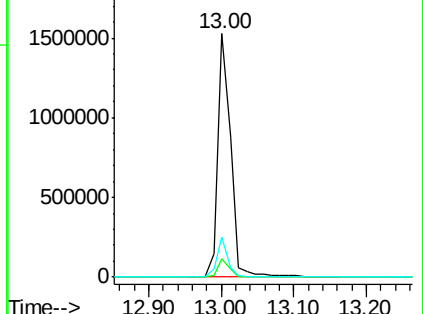
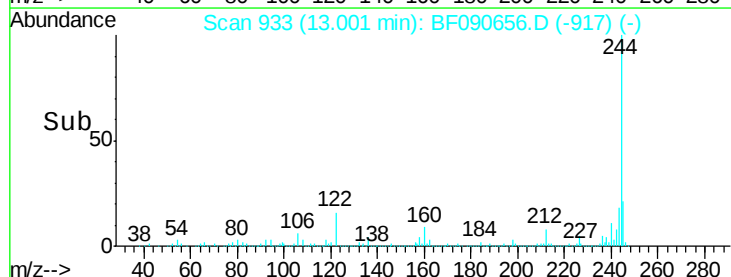
122 16.5 5.6 8.4#

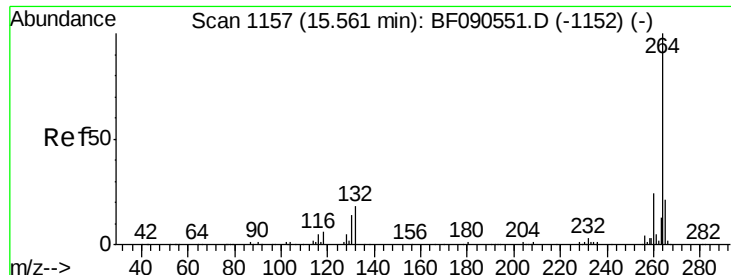


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

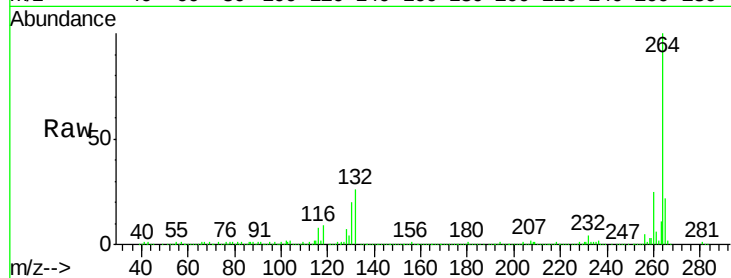




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090656.D
Acq: 19 Oct 2016 19:10

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tgt Ion: 264 Resp: 488817
Ion Ratio Lower Upper
264 100
260 25.5 19.3 28.9
265 22.3 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

