

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090741.D
 Acq On : 22 Oct 2016 5:34
 Operator : UM/SJ
 Sample : H5308-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Quant Time: Oct 22 06:37:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

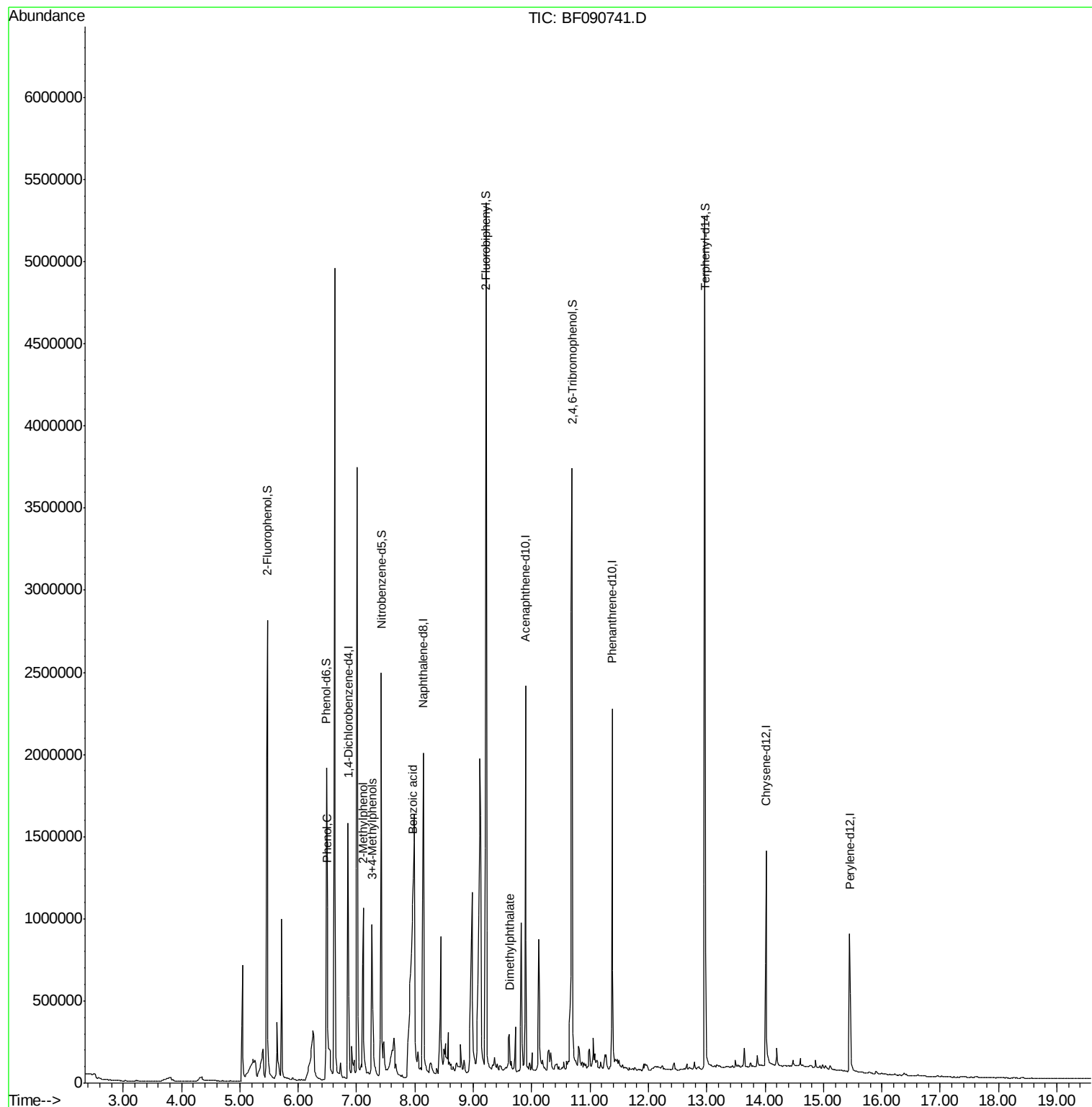
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	263604	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1133992	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	536663	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	831097	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	558919	20.00	ng	0.00
86) Perylene-d12	15.45	264	388780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1089154	66.63	ng	0.01
7) Phenol-d6	6.49	99	804492	36.34	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1198329	57.96	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	678691	159.78	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1763856	51.02	ng	-0.01
78) Terphenyl-d14	12.97	244	1658801	68.02	ng	0.00
Target Compounds						
10) Phenol	6.50	94	133444	5.36	ng	# 55
17) 2-Methylphenol	7.11	107	156305	10.57	ng	# 85
20) 3+4-Methylphenols	7.26	107	263453	15.03	ng	# 82
32) Benzoic acid	7.97	122	126523	16.86	ng	# 66
49) Dimethylphthalate	9.62	163	126191	3.74	ng	# 98

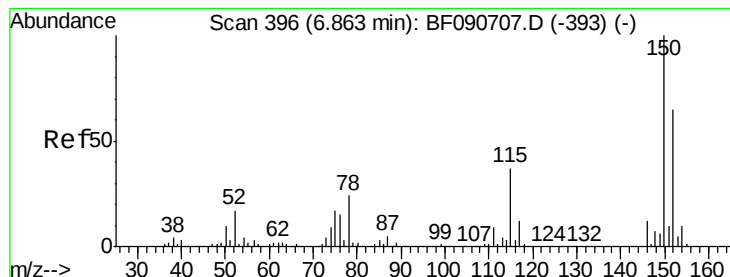
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090741.D
Acq On : 22 Oct 2016 5:34
Operator : UM/SJ
Sample : H5308-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-105D

Quant Time: Oct 22 06:37:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

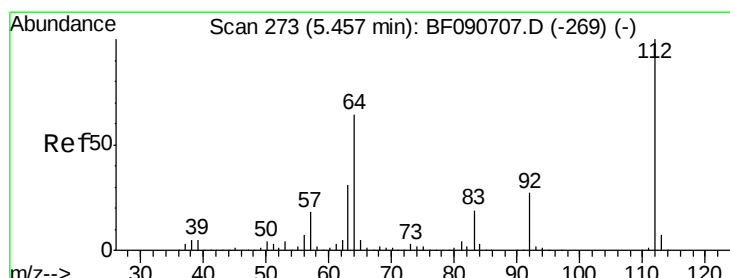
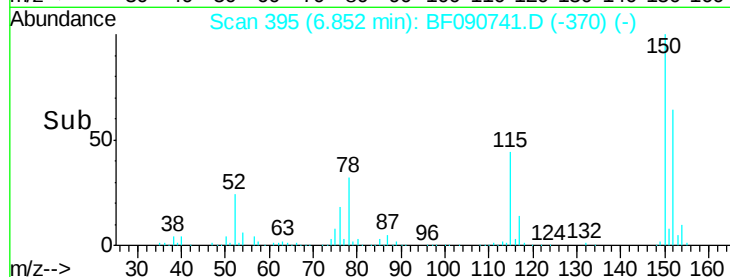
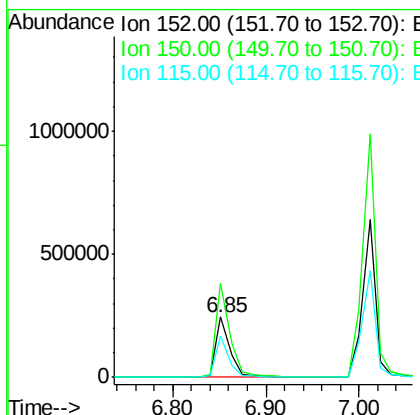
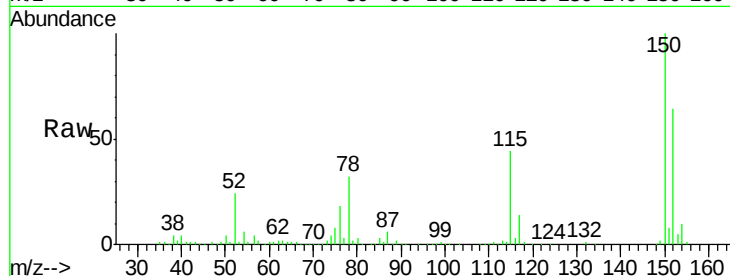




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090741.D
 Acq: 22 Oct 2016 5:34

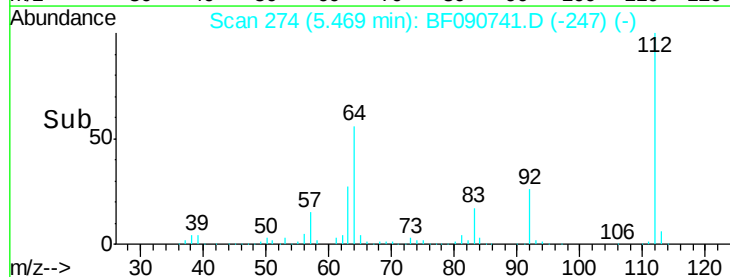
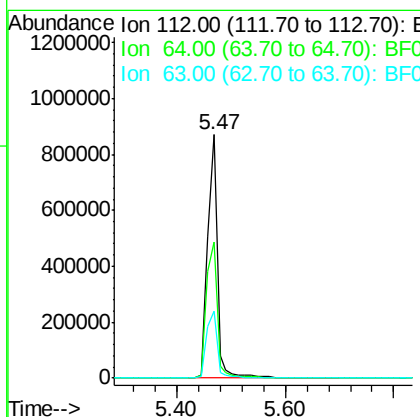
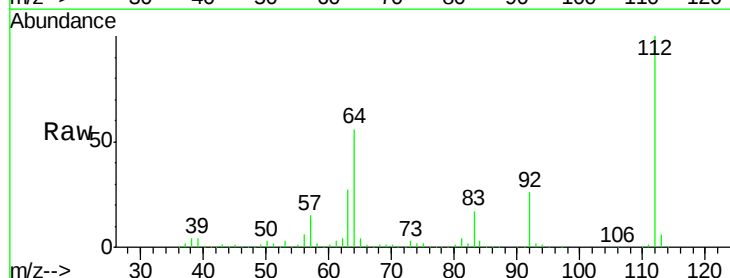
Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Tot Ion:152 Resp: 263604
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.7 187.1
 115 69.7 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 66.63 ng
 RT: 5.47 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF090741.D
 Acq: 22 Oct 2016 5:34

Tgt Ion:112 Resp: 1089154
 Ion Ratio Lower Upper
 112 100
 64 56.1 39.7 59.5
 63 27.3 17.4 26.0#





#7

Phenol-d6

Concen: 36.34 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

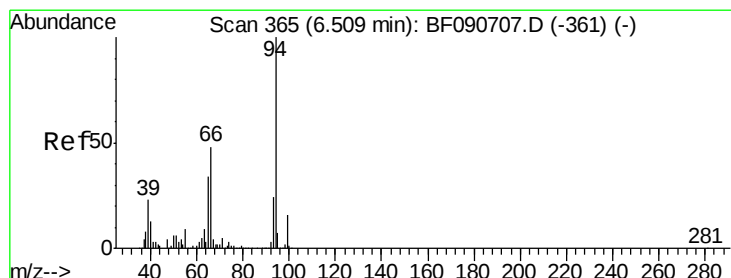
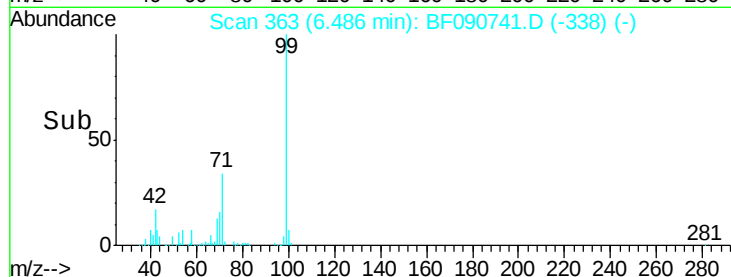
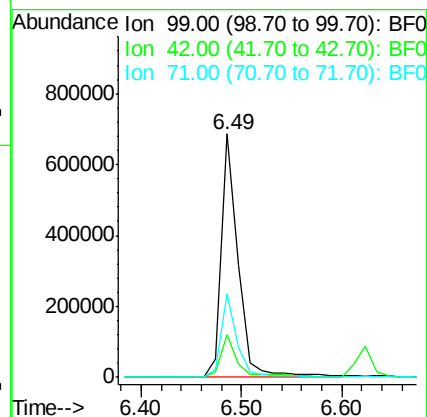
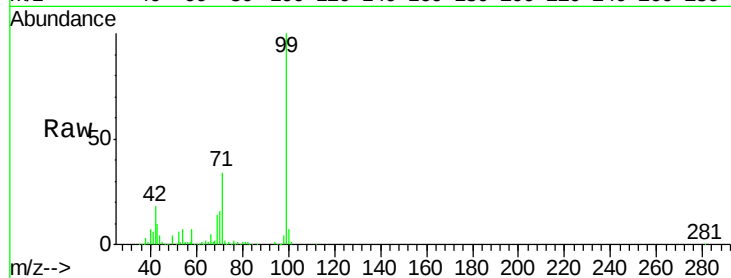
Tot Ion: 99 Resp: 804492

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

71 34.3 14.2 21.2#



#10

Phenol

Concen: 5.36 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

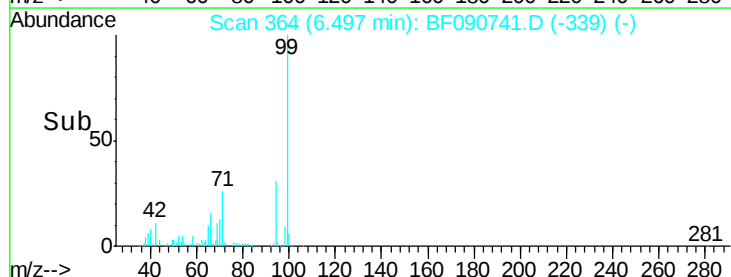
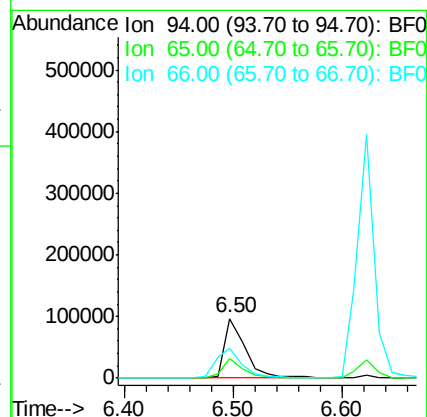
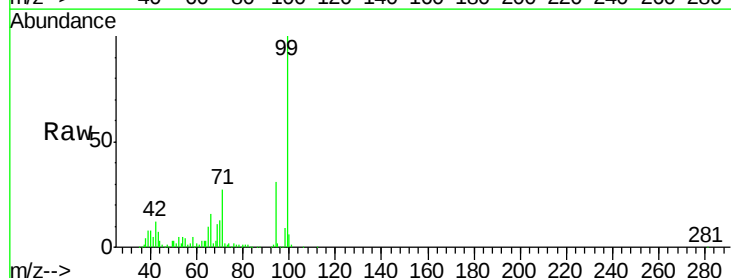
Tgt Ion: 94 Resp: 133444

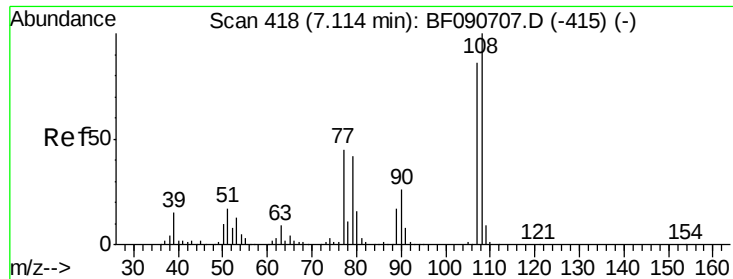
Ion Ratio Lower Upper

94 100

65 33.0 0.7 40.7

66 50.8 0.8 40.8#

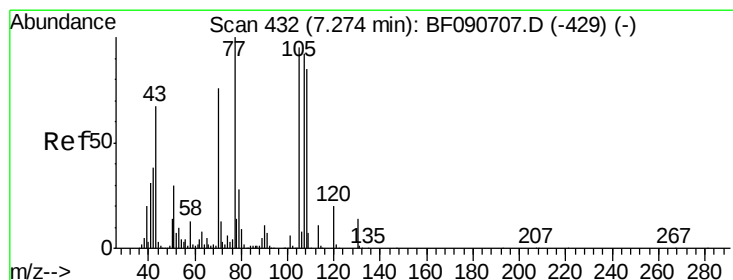
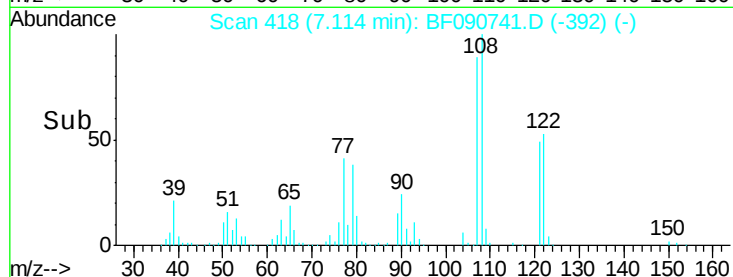
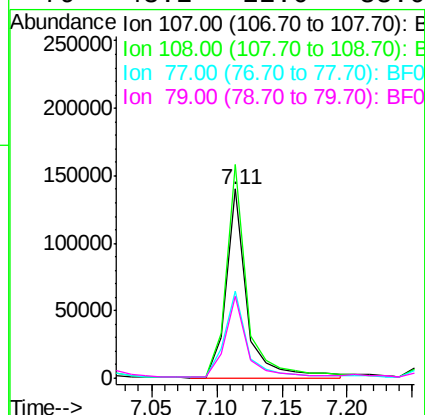
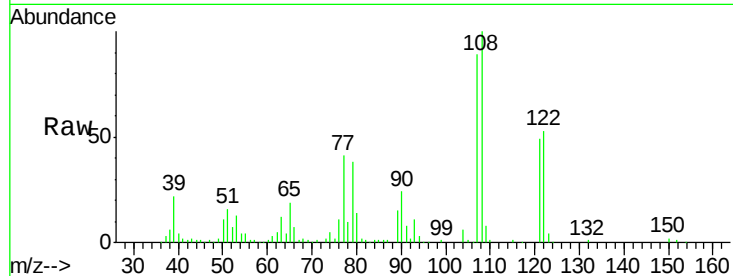




#17
2-Methylphenol
Concen: 10.57 ng
RT: 7.11 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

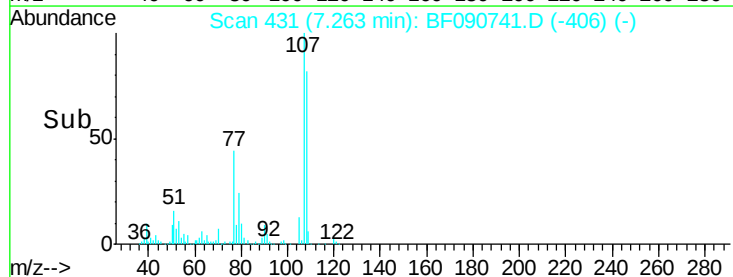
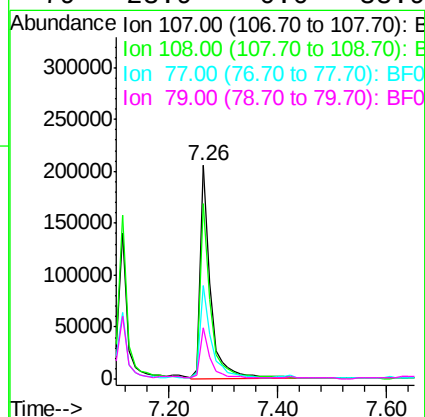
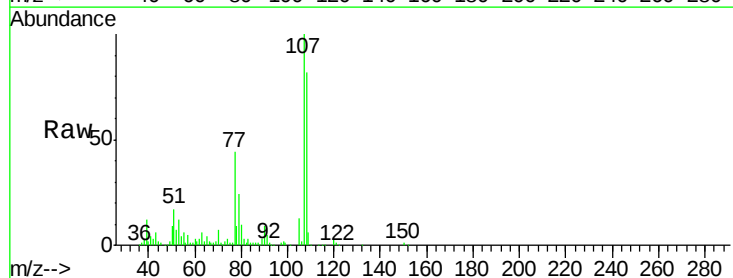
Instrument :
BNA_F
ClientSampled :
MW-105D

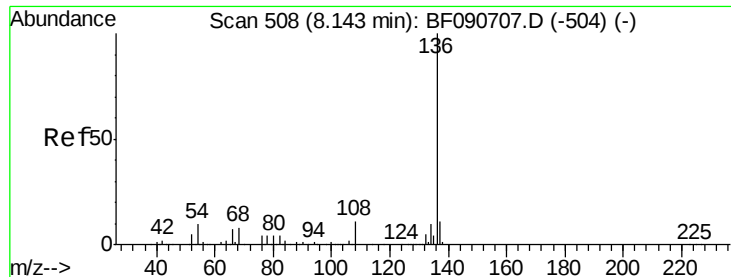
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	96.6	145.0
77	46.0	23.3	34.9#
79	43.2	22.0	33.0#



#20
3+4-Methylphenols
Concen: 15.03 ng
RT: 7.26 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090741.D
Acq: 22 Oct 2016 5:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.0	74.6	114.6
77	43.8	0.7	40.7#
79	23.9	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

Tot Ion:136 Resp: 1133992

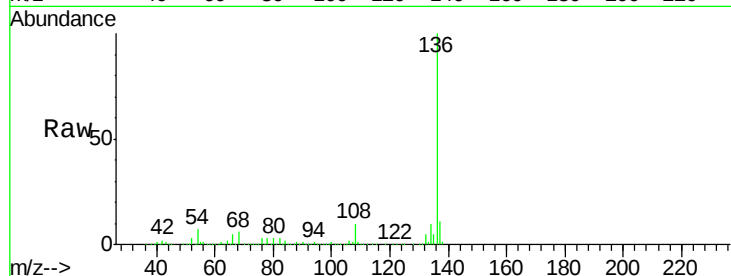
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.1 8.2 12.2#

68 6.4 5.8 8.6

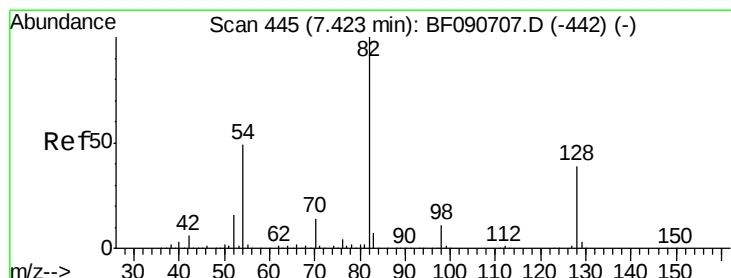
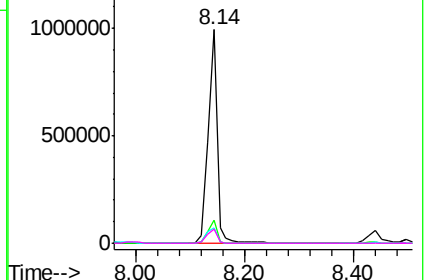
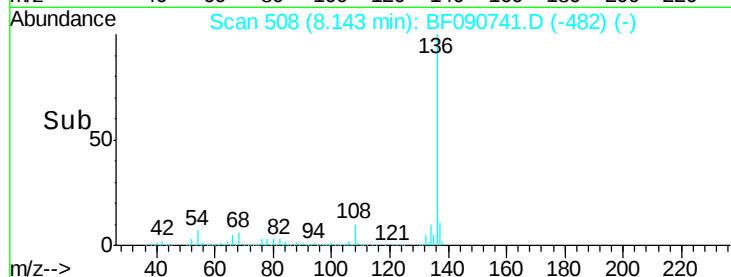


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 57.96 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

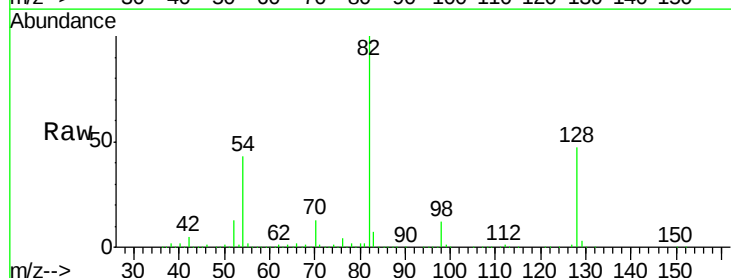
Tgt Ion: 82 Resp: 1198329

Ion Ratio Lower Upper

82 100

128 46.7 51.0 76.6#

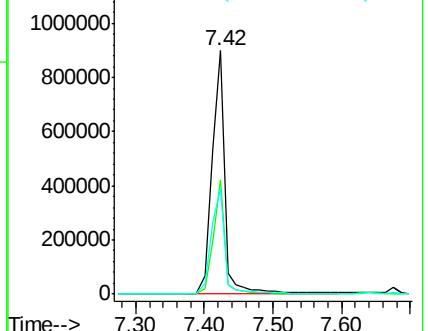
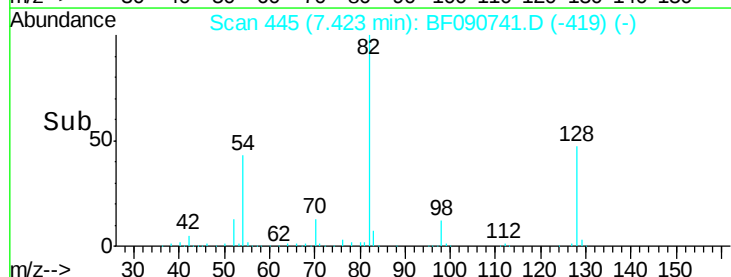
54 43.2 47.5 71.3#

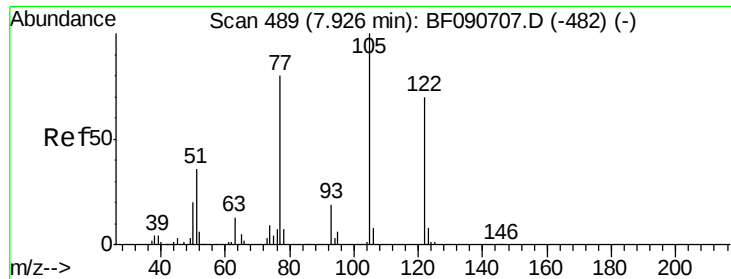


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 16.86 ng

RT: 7.97 min Scan# 493

Delta R.T. 0.03 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

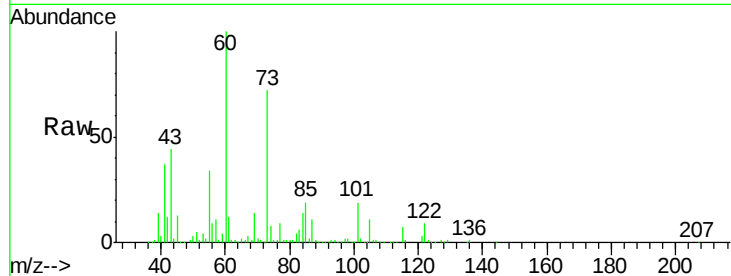
Tot Ion:122 Resp: 126523

Ion Ratio Lower Upper

122 100

105 117.4 76.1 116.1#

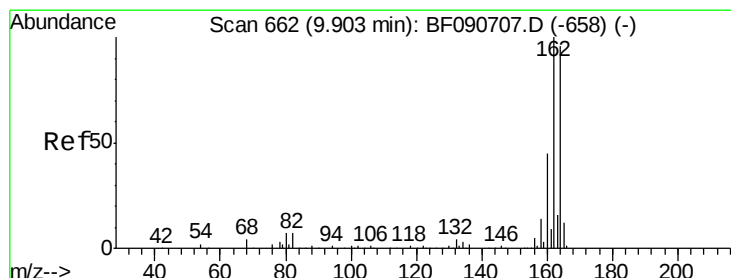
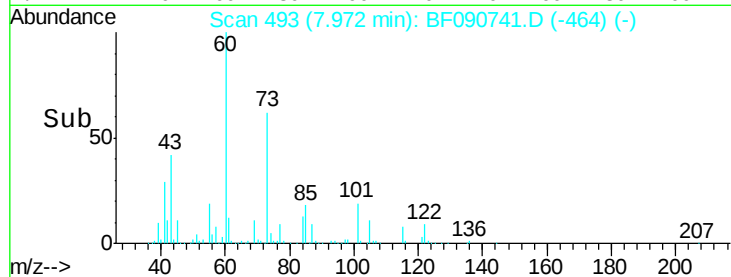
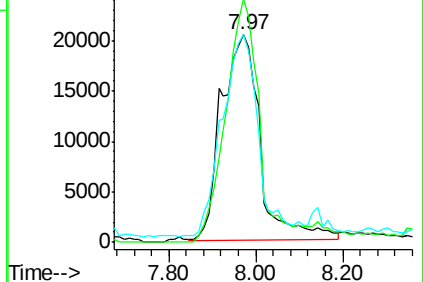
77 100.5 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

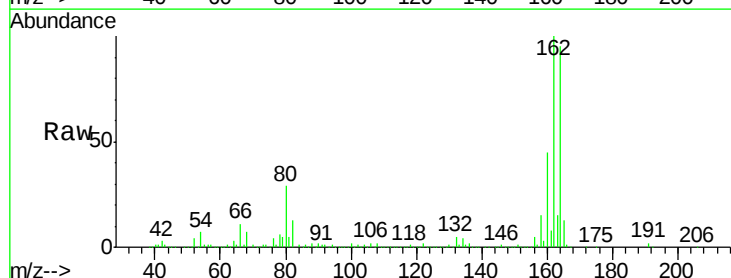
Tgt Ion:164 Resp: 536663

Ion Ratio Lower Upper

164 100

162 104.9 75.2 112.8

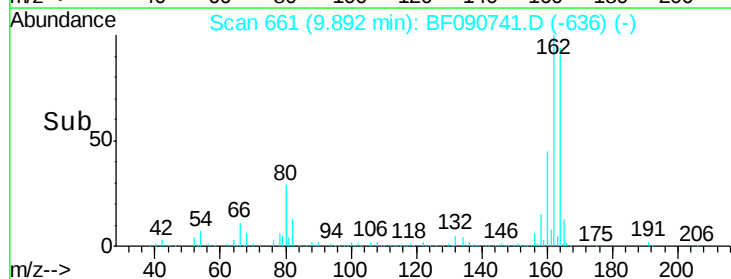
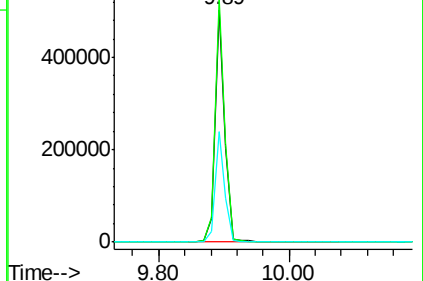
160 47.5 31.5 47.3#

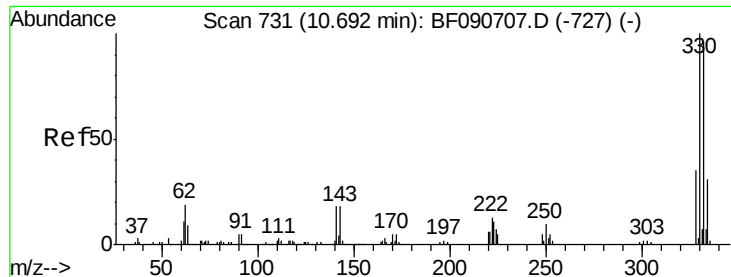


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

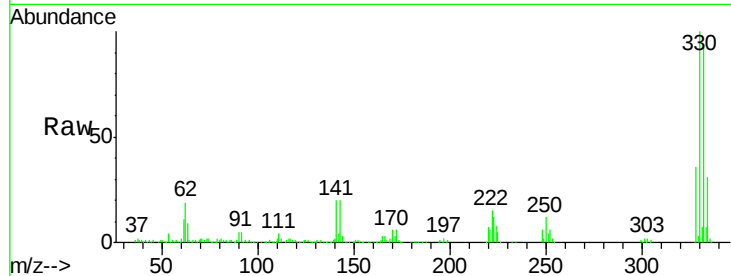




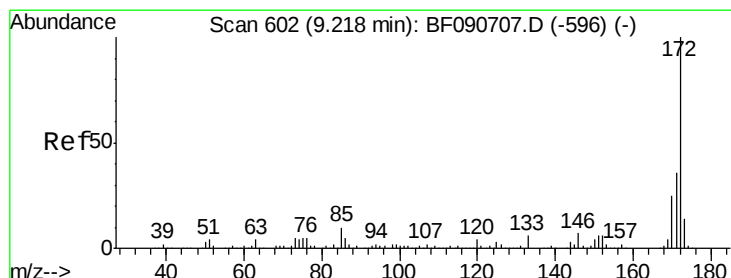
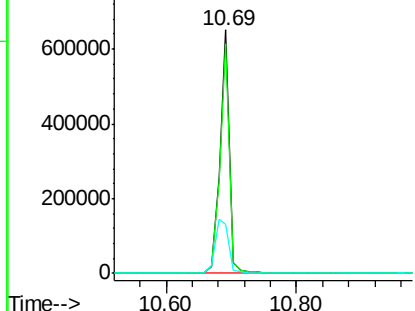
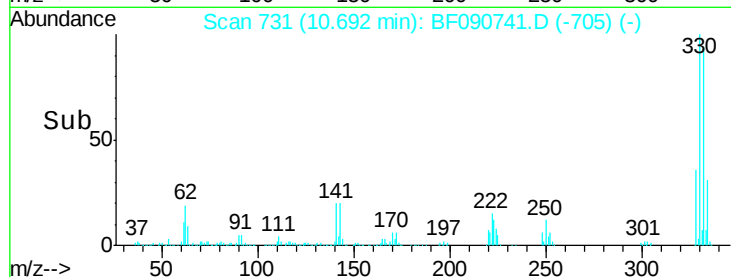
#41
 2,4,6-Tribromophenol
 Concen: 159.78 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090741.D
 Acq: 22 Oct 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Tot Ion:330 Resp: 678691
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 32.0 29.7 44.5

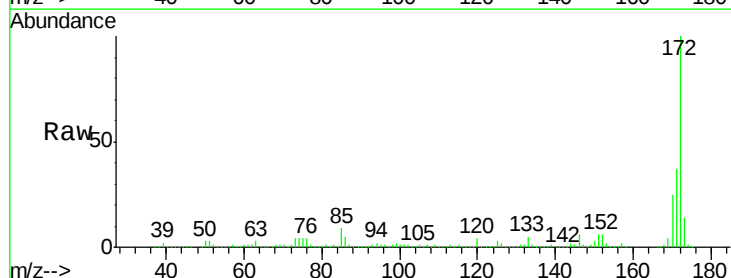


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

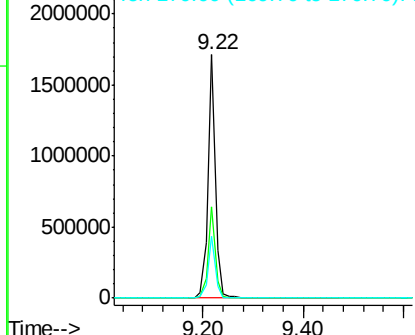
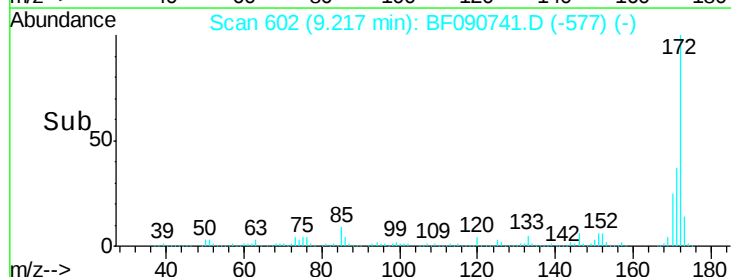


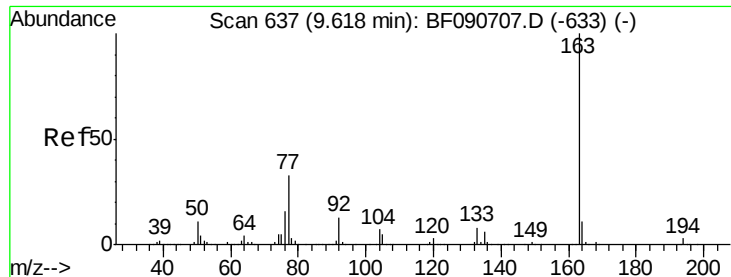
#44
 2-Fluorobiphenyl
 Concen: 51.02 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090741.D
 Acq: 22 Oct 2016 5:34

Tgt Ion:172 Resp: 1763856
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.4 17.4 26.2



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: 3.74 ng

RT: 9.62 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

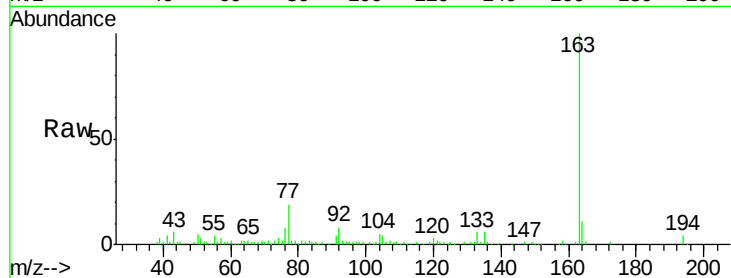
Tot Ion:163 Resp: 126191

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

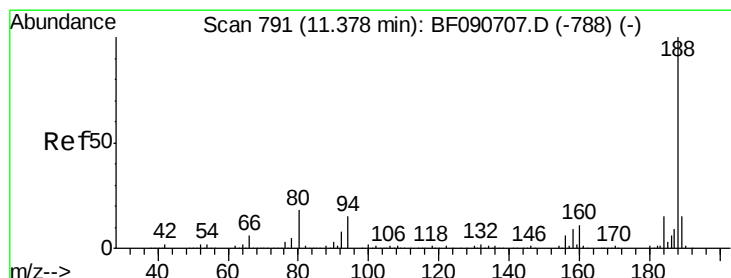
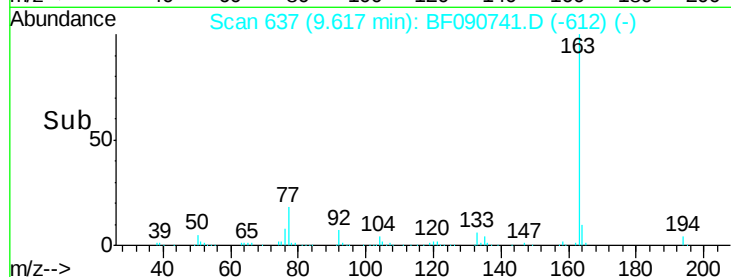
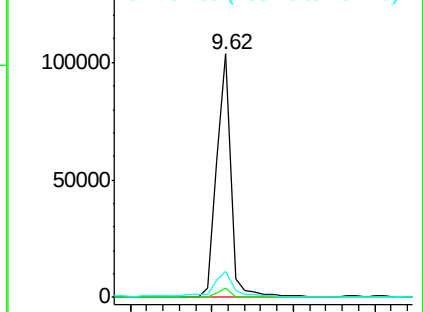
164 10.8 8.3 12.5



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: 11.38 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

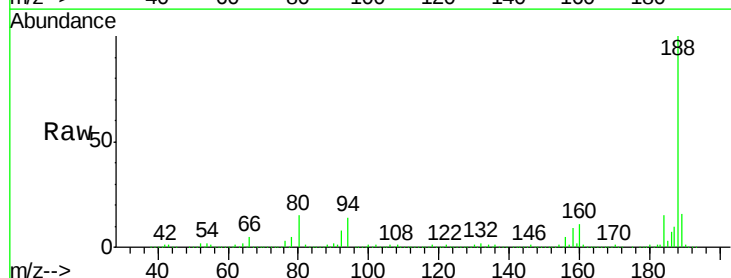
Tgt Ion:188 Resp: 831097

Ion Ratio Lower Upper

188 100

94 13.6 11.1 16.7

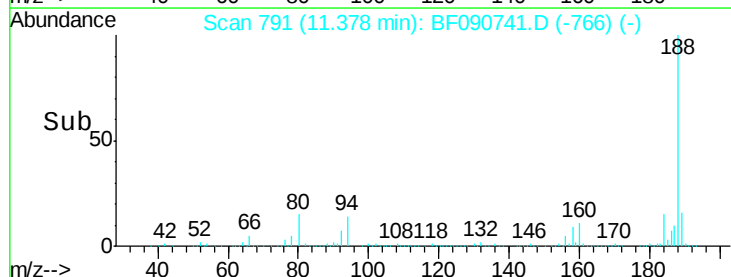
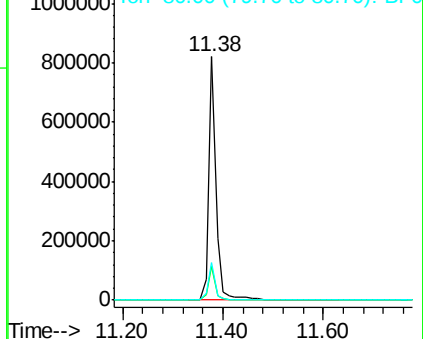
80 15.4 11.0 16.4

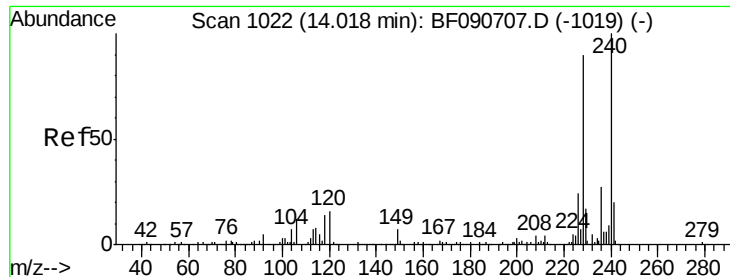


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

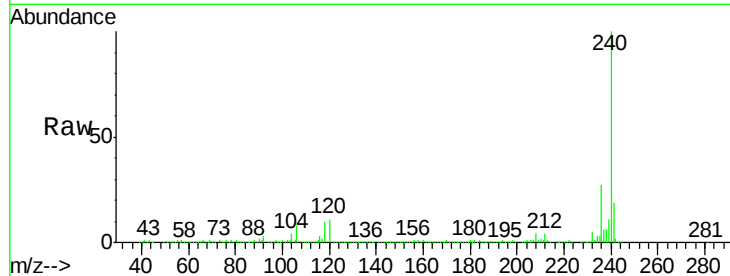
Tot Ion:240 Resp: 558919

Ion Ratio Lower Upper

240 100

120 10.8 16.2 24.2#

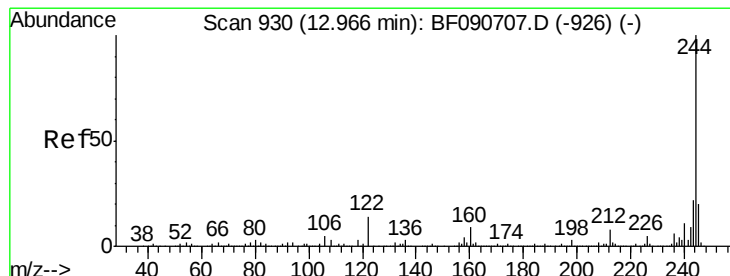
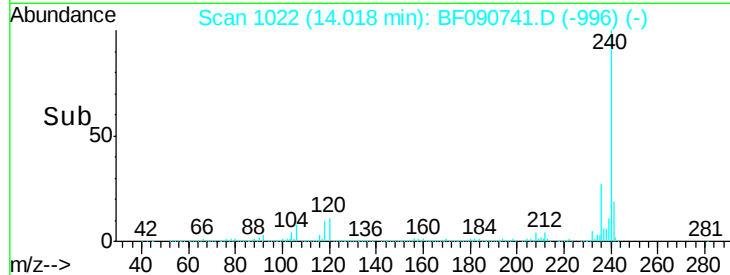
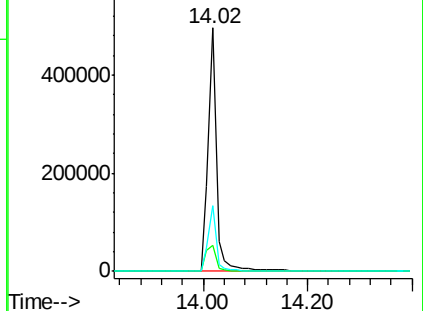
236 27.0 18.4 27.6



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: 68.02 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090741.D

Acq: 22 Oct 2016 5:34

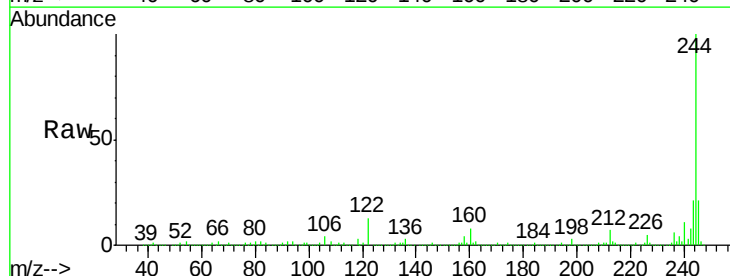
Tgt Ion:244 Resp: 1658801

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

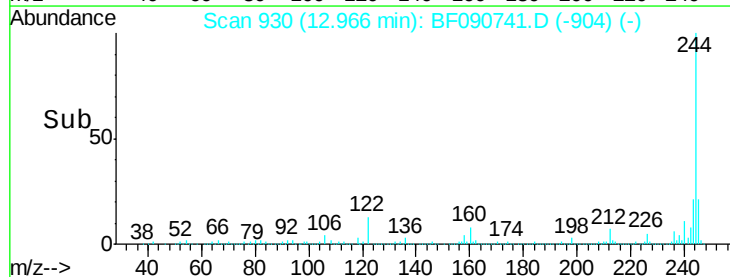
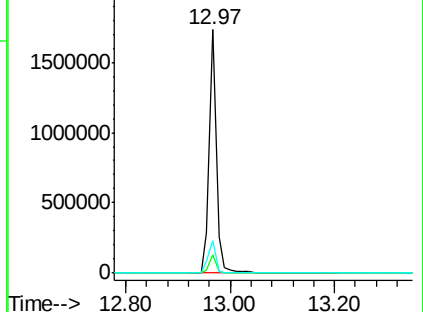
122 13.2 17.4 26.2#

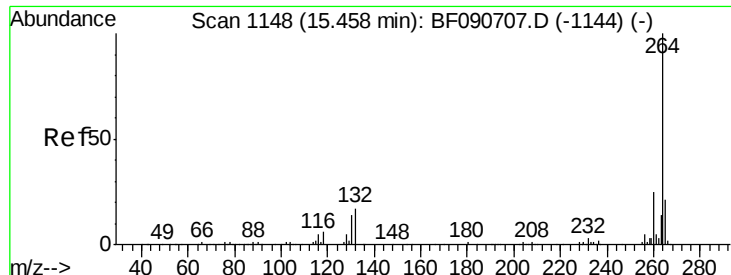


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

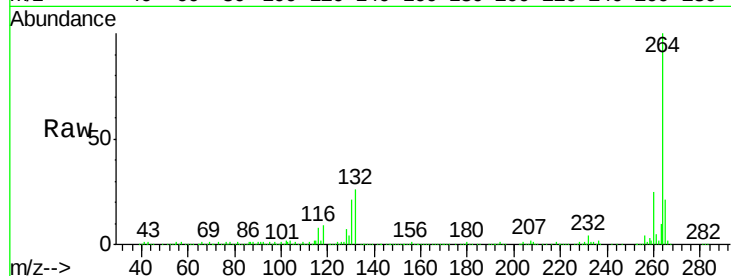




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090741.D
 Acq: 22 Oct 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Tot Ion:264 Resp: 388780
 Ion Ratio Lower Upper
 264 100
 260 25.5 16.7 25.1#
 265 21.3 17.2 25.8



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

