

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090847.D
 Acq On : 26 Oct 2016 18:34
 Operator : UM/SJ
 Sample : H5308-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Quant Time: Oct 27 02:15:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

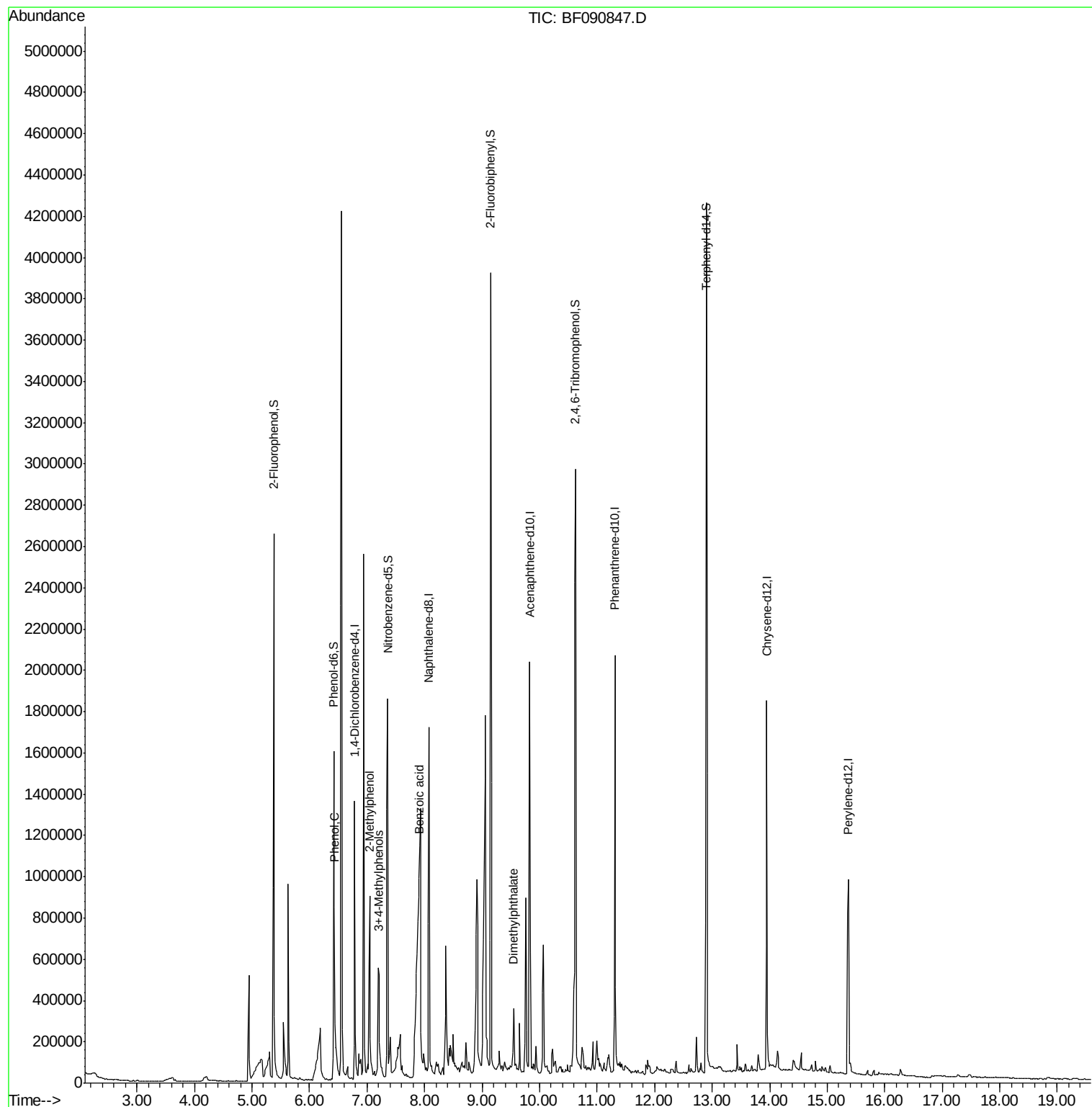
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	207441	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	887811	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	432753	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	761502	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	691809	20.00	ng	-0.01
86) Perylene-d12	15.37	264	517104	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	814213	68.63	ng	-0.01
7) Phenol-d6	6.42	99	651972	40.73	ng	-0.02
23) Nitrobenzene-d5	7.36	82	903180	66.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	631254	141.94	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1391261	56.45	ng	-0.02
78) Terphenyl-d14	12.90	244	1590976	57.94	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	106462	6.04	ng	# 53
17) 2-Methylphenol	7.05	107	132073	11.86	ng	# 84
20) 3+4-Methylphenols	7.21	107	203427	15.78	ng	# 86
32) Benzoic acid	7.90	122	116799	12.93	ng	# 65
49) Dimethylphthalate	9.55	163	119226	4.12	ng	# 97

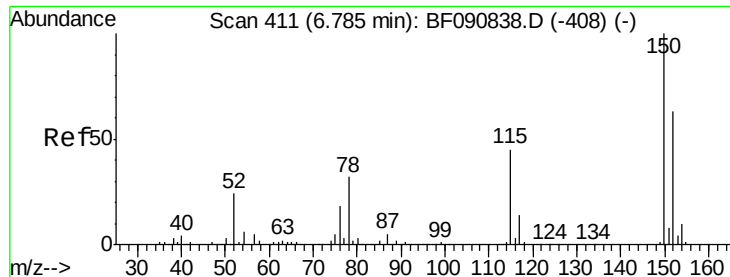
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

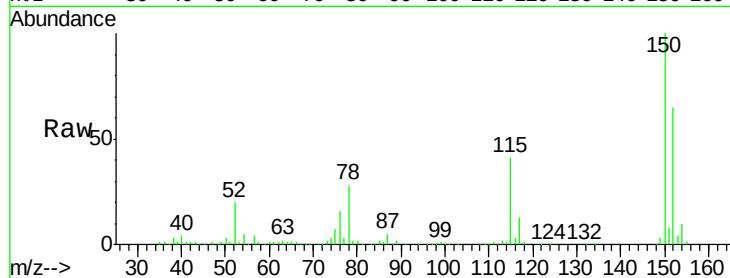
Tot Ion:152 Resp: 207441

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

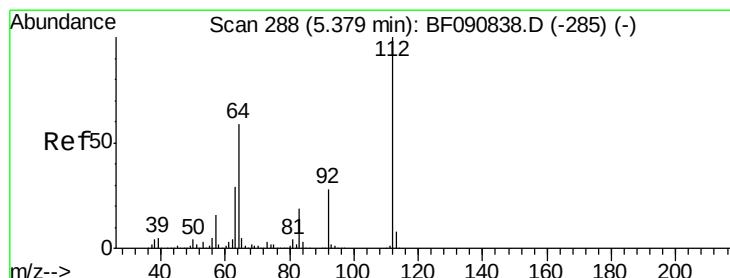
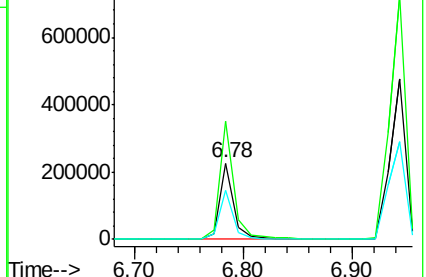
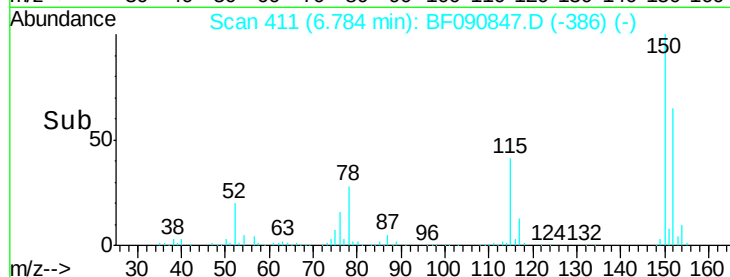
115 64.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 68.63 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

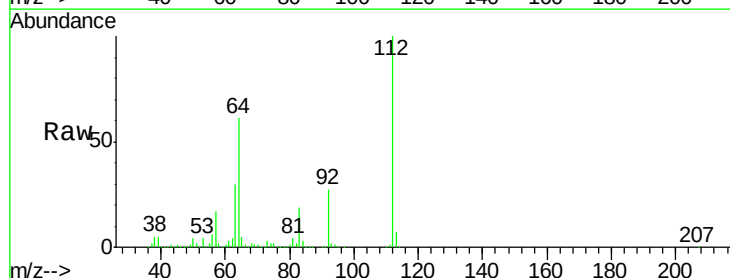
Tgt Ion:112 Resp: 814213

Ion Ratio Lower Upper

112 100

64 61.3 39.7 59.5#

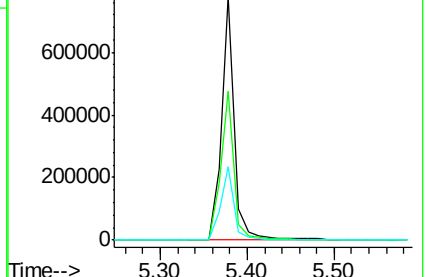
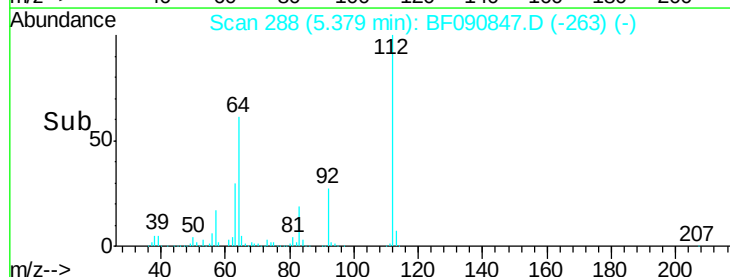
63 30.1 17.4 26.0#

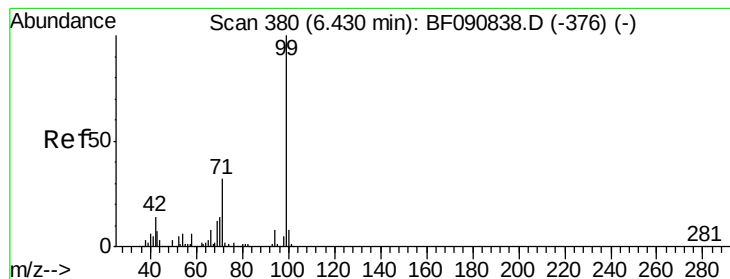


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.73 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

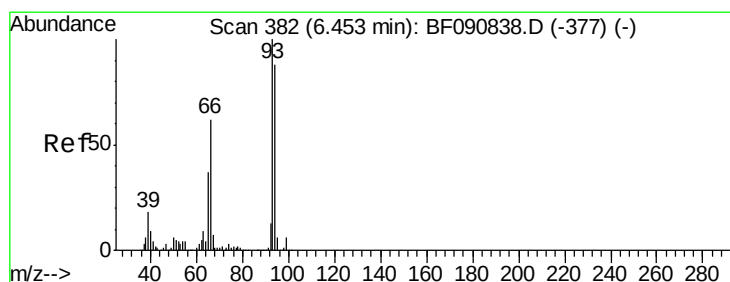
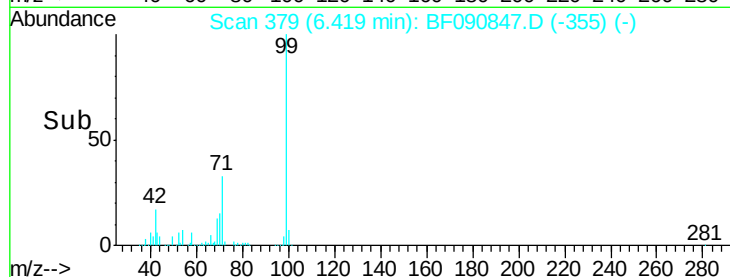
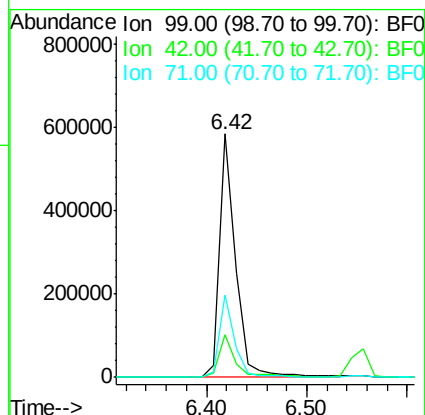
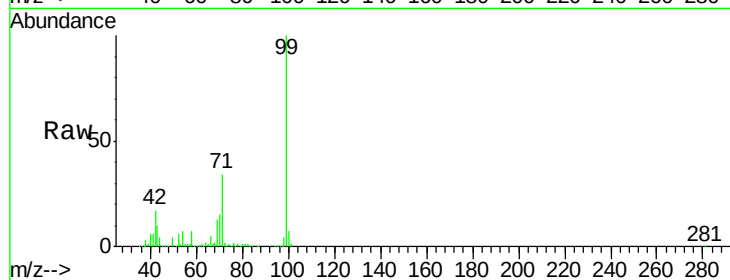
Tot Ion: 99 Resp: 651972

Ion Ratio Lower Upper

99 100

42 17.5 13.7 20.5

71 33.9 14.2 21.2#



#10

Phenol

Concen: 6.04 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

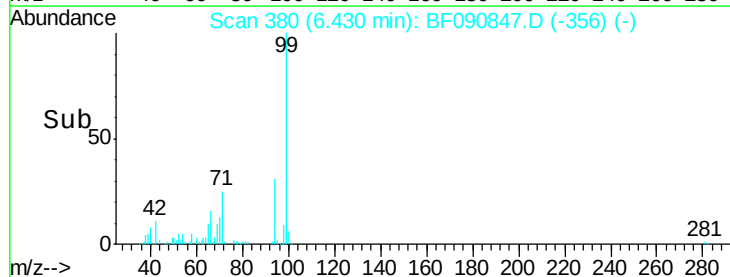
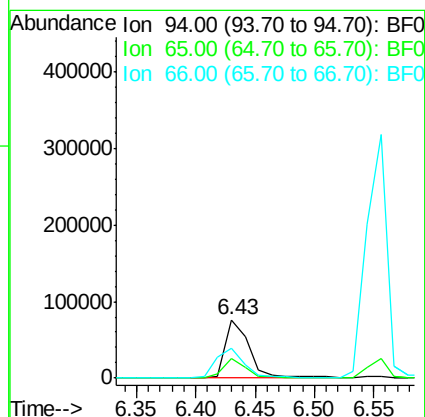
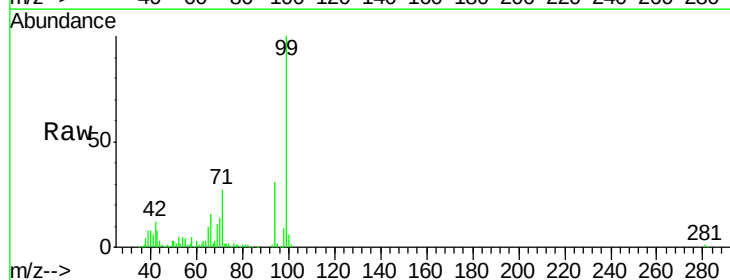
Tgt Ion: 94 Resp: 106462

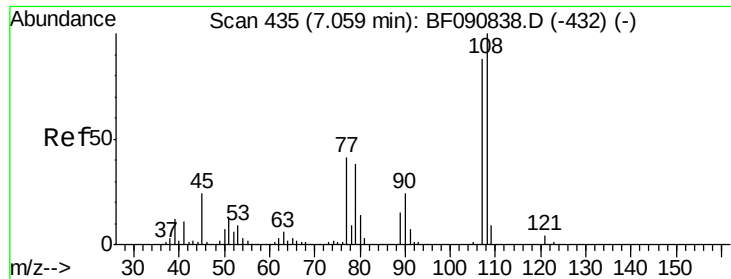
Ion Ratio Lower Upper

94 100

65 33.6 0.7 40.7

66 51.6 0.8 40.8#

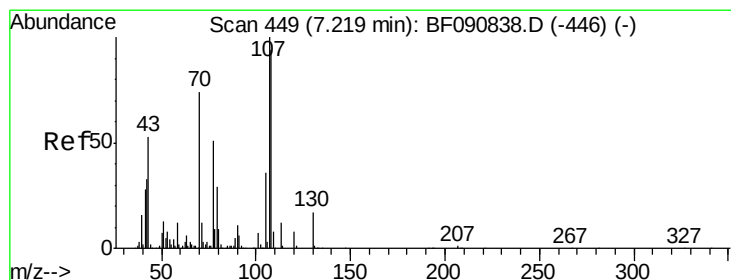
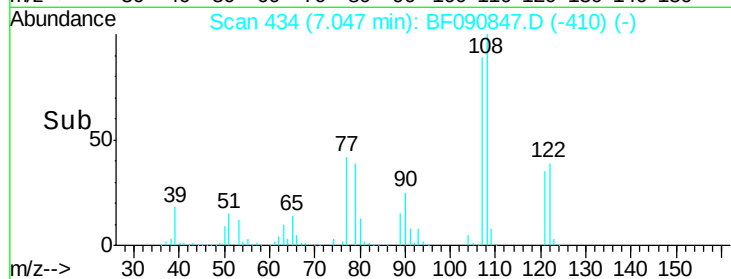
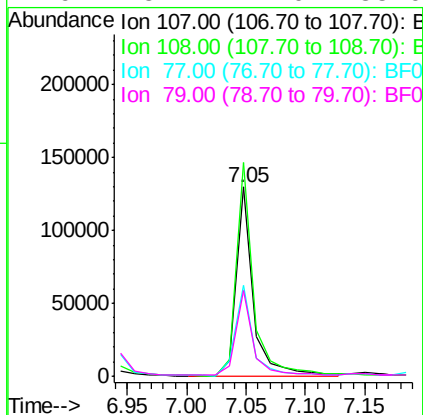
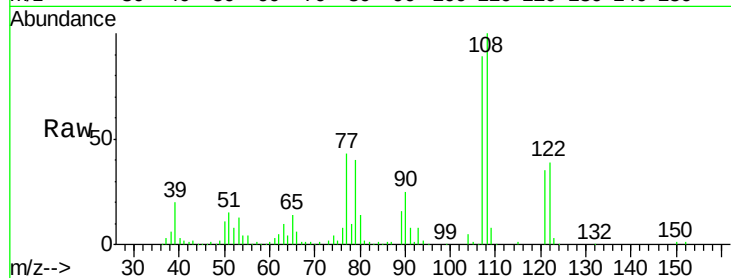




#17
2-Methylphenol
Concen: 11.86 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF090847.D
Acq: 26 Oct 2016 18:34

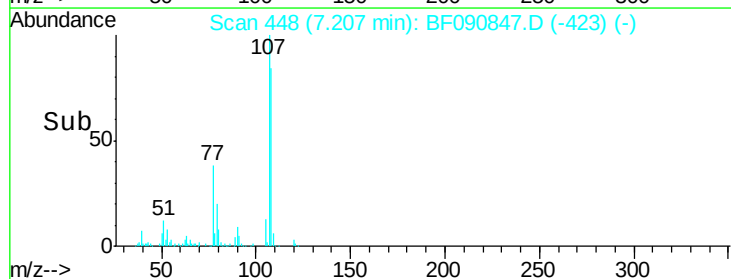
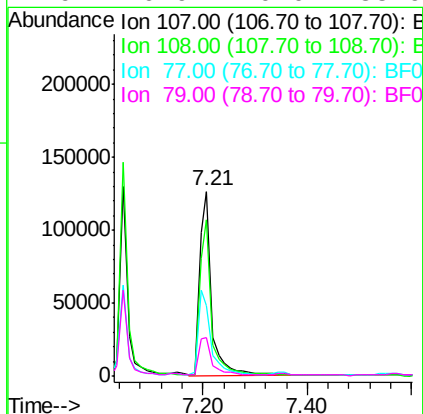
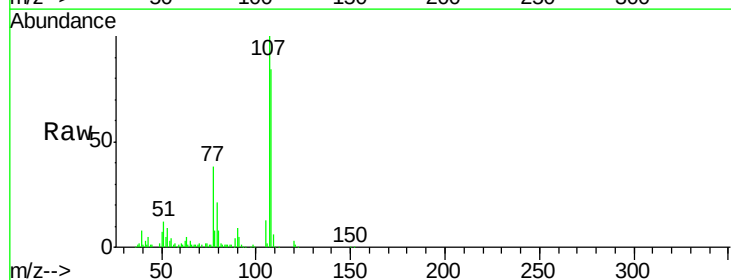
Instrument :
BNA_F
ClientSampleId :
MW-105D

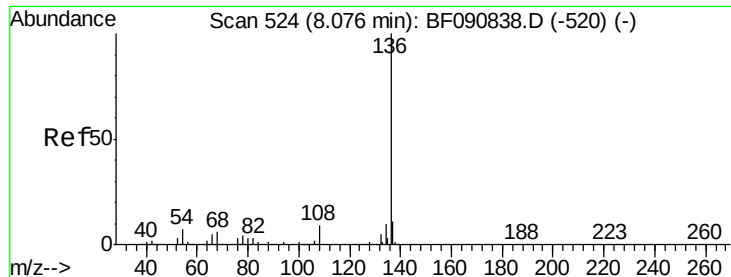
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	96.6	145.0
77	48.3	23.3	34.9#
79	45.2	22.0	33.0#



#20
3+4-Methylphenols
Concen: 15.78 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090847.D
Acq: 26 Oct 2016 18:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	74.6	114.6
77	38.4	0.7	40.7
79	20.9	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

Tot Ion:136 Resp: 887811

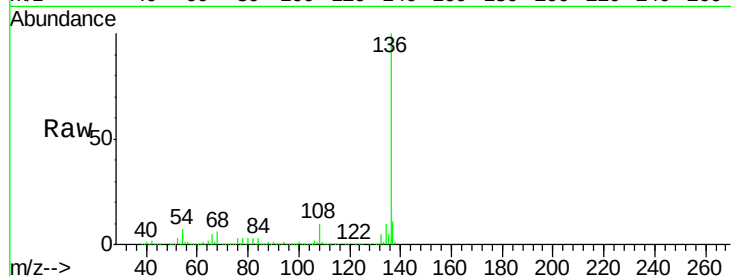
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.0 8.2 12.2#

68 6.4 5.8 8.6

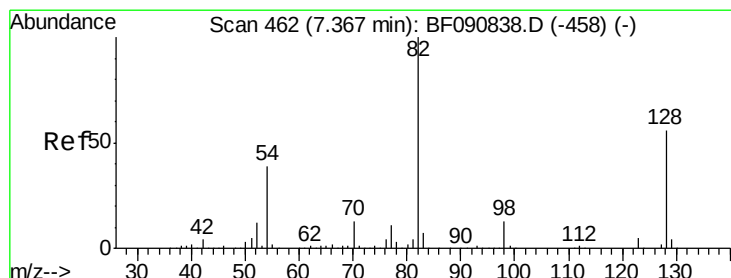
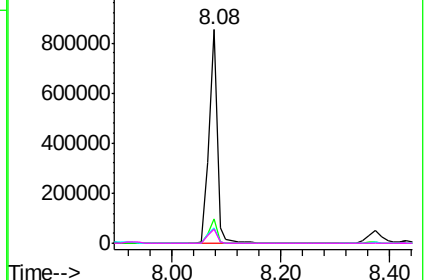
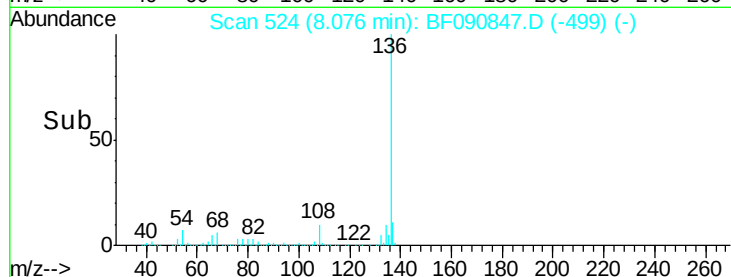


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.60 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

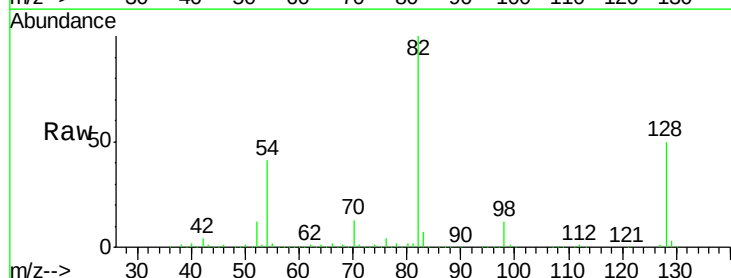
Tgt Ion: 82 Resp: 903180

Ion Ratio Lower Upper

82 100

128 49.8 51.0 76.6#

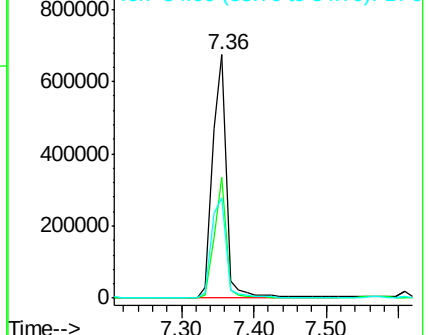
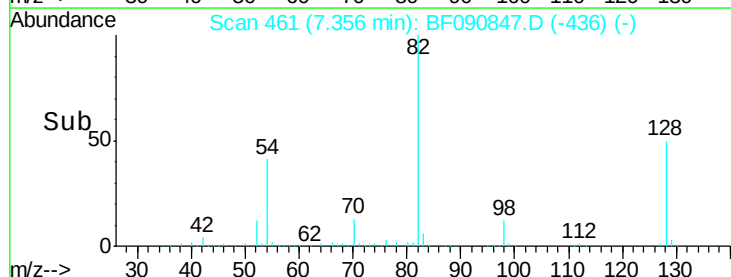
54 41.0 47.5 71.3#

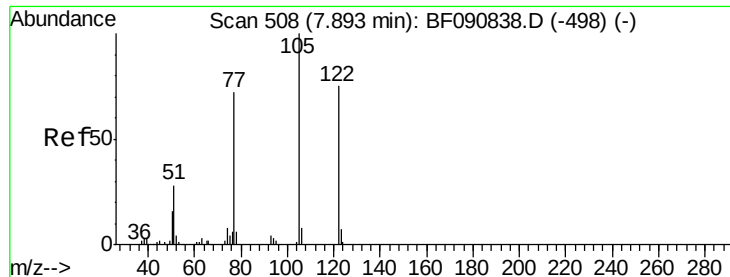


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

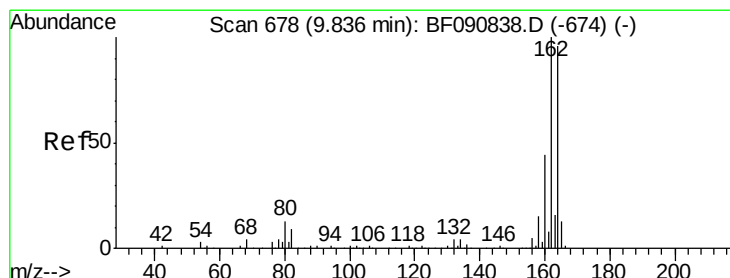
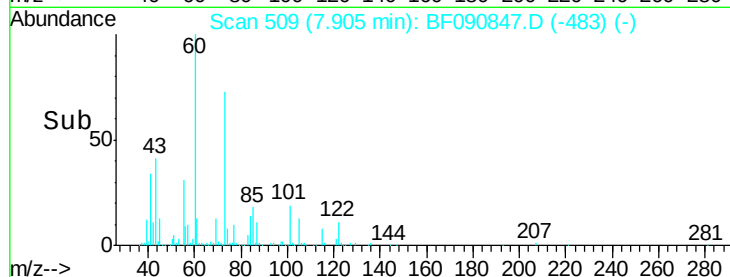
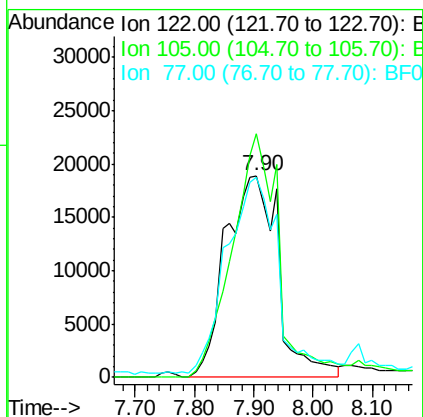
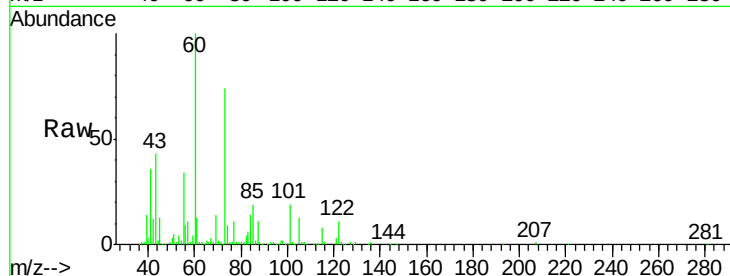




#32
Benzoic acid
Concen: 12.93 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF090847.D
Acq: 26 Oct 2016 18:34

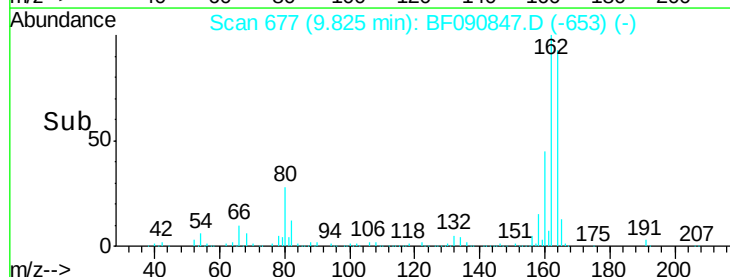
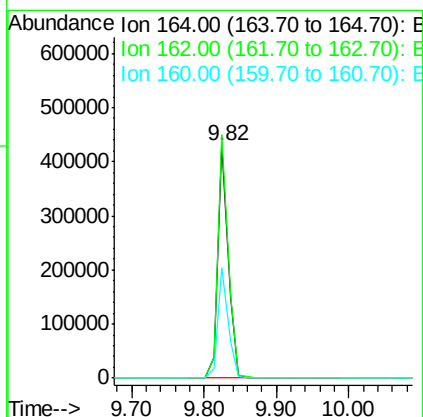
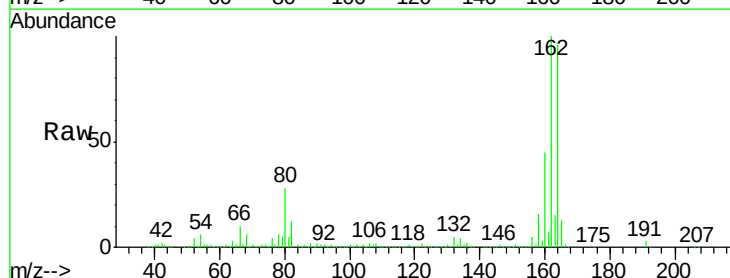
Instrument :
BNA_F
ClientSampleId :
MW-105D

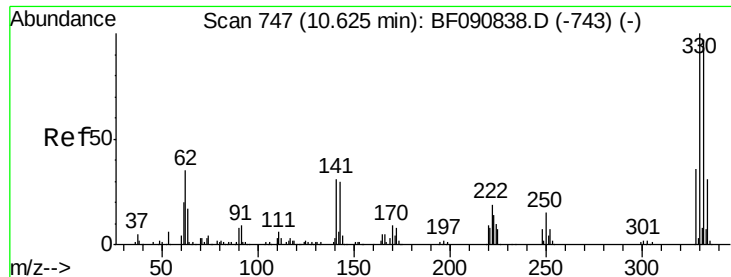
Tot Ion:122 Resp: 116799
Ion Ratio Lower Upper
122 100
105 120.6 76.1 116.1#
77 99.4 40.5 80.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF090847.D
Acq: 26 Oct 2016 18:34

Tgt Ion:164 Resp: 432753
Ion Ratio Lower Upper
164 100
162 104.4 75.2 112.8
160 47.2 31.5 47.3

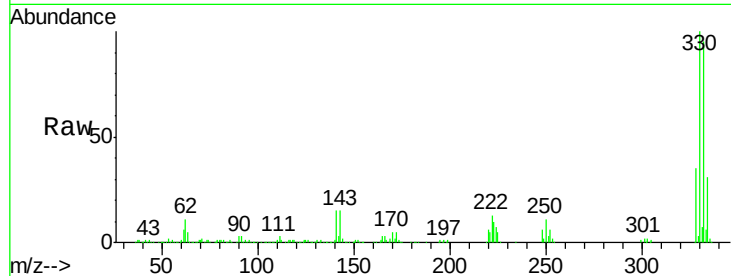




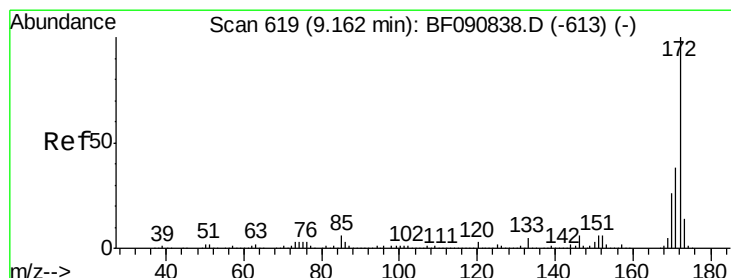
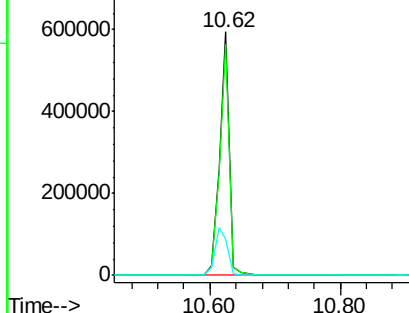
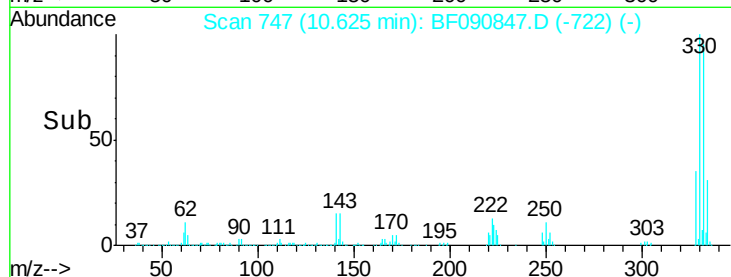
#41
 2,4,6-Tribromophenol
 Concen: 141.94 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090847.D
 Acq: 26 Oct 2016 18:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Tot Ion	330	Resp	631254
Ion Ratio	100		
Lower	76.6		
Upper	114.8		
332	95.7		
141	25.4		

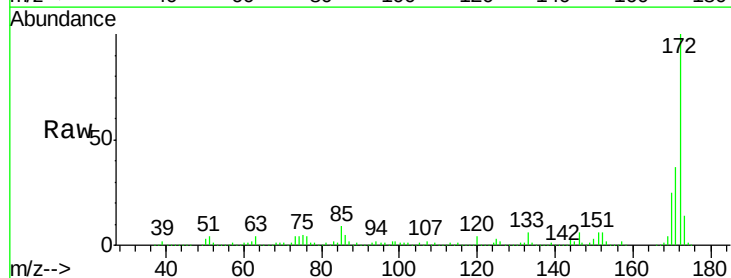


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

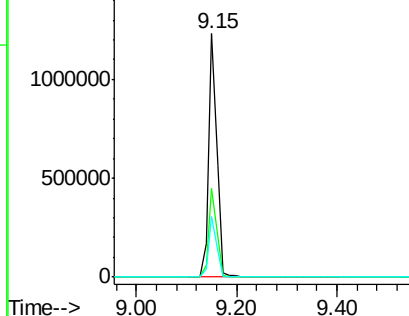
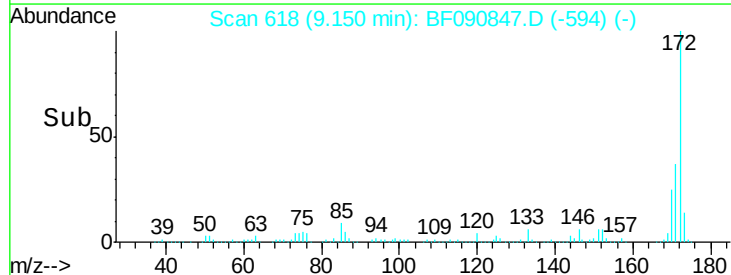


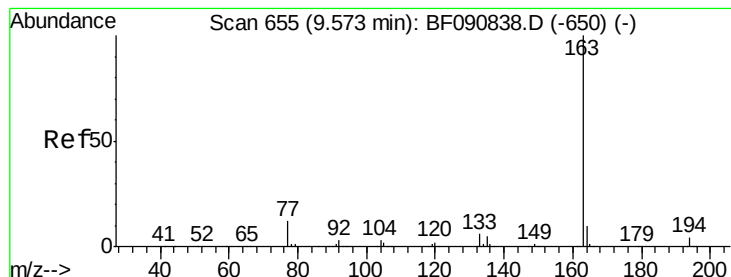
#44
 2-Fluorobiphenyl
 Concen: 56.45 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090847.D
 Acq: 26 Oct 2016 18:34

Tgt Ion	172	Resp	1391261
Ion Ratio	100		
Lower	26.1		
Upper	39.1		
171	36.6		
170	24.7		



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: 4.12 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

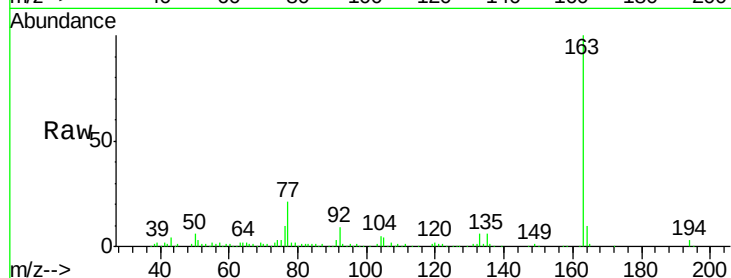
Tot Ion:163 Resp: 119226

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

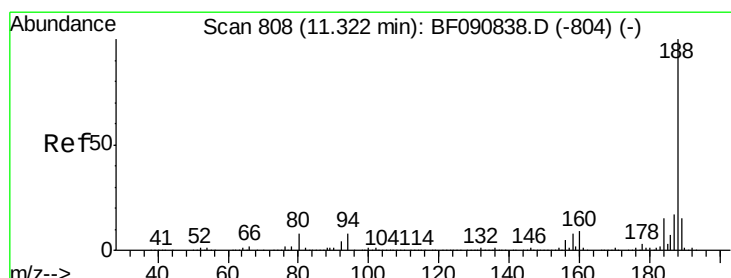
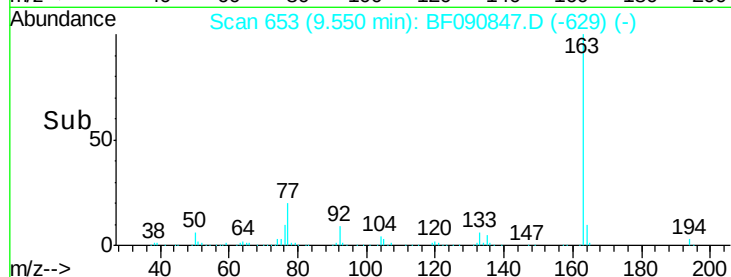
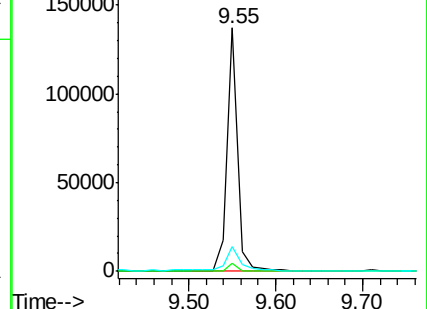
164 10.2 8.3 12.5



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: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

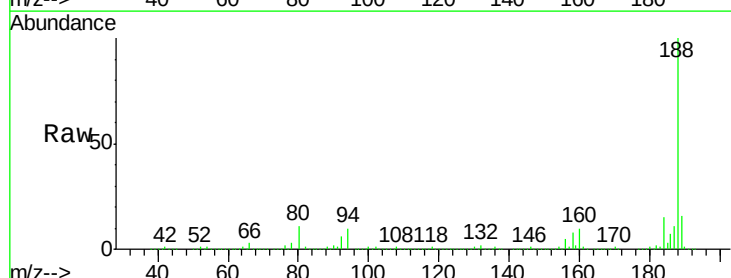
Tgt Ion:188 Resp: 761502

Ion Ratio Lower Upper

188 100

94 10.1 11.1 16.7#

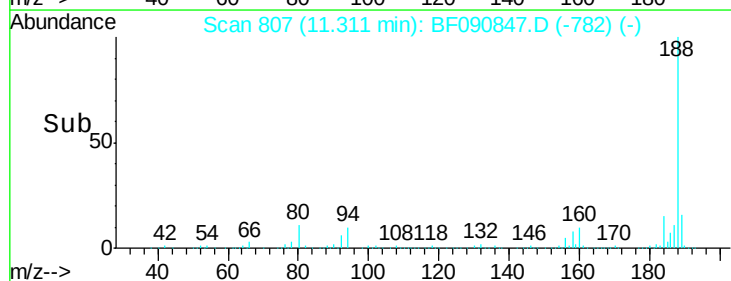
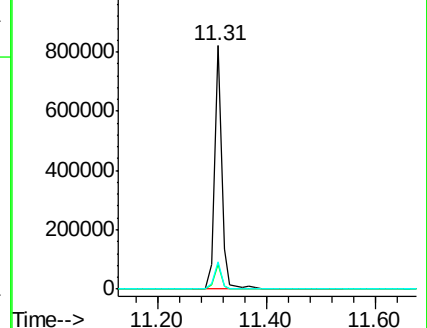
80 11.0 11.0 16.4

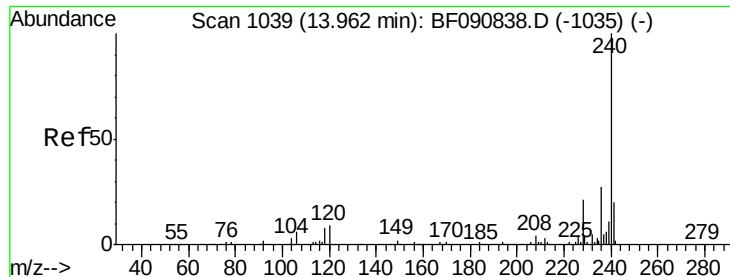


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

Instrument :

BNA_F

ClientSampleId :

MW-105D

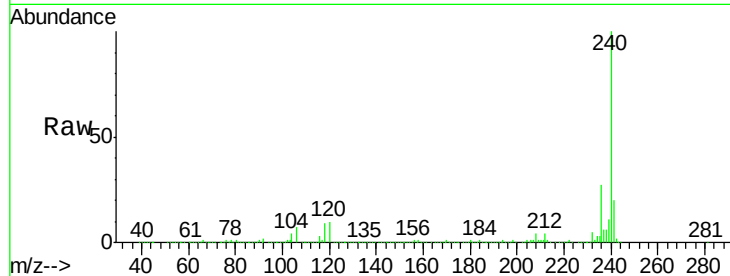
Tot Ion:240 Resp: 691809

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

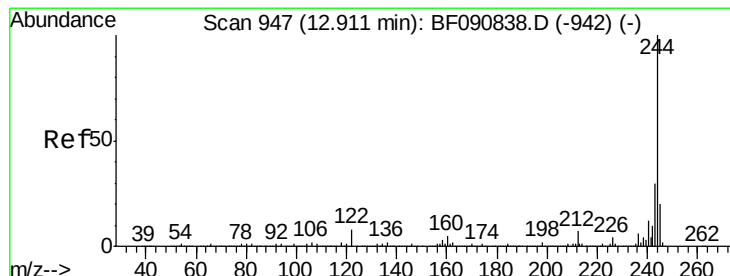
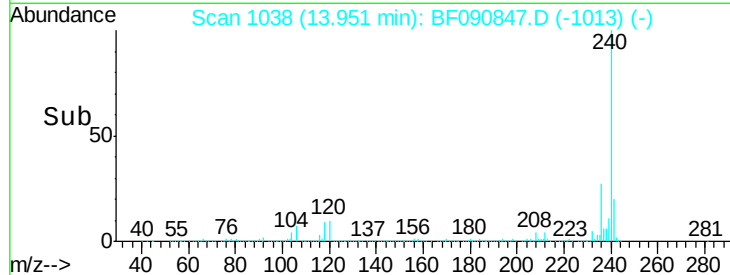
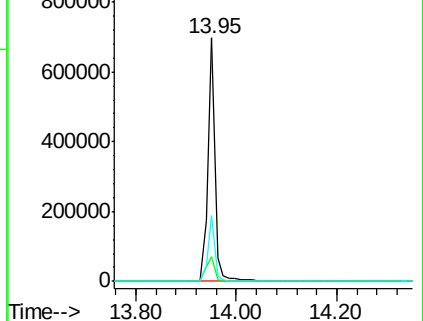
236 26.8 18.4 27.6



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: 57.94 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090847.D

Acq: 26 Oct 2016 18:34

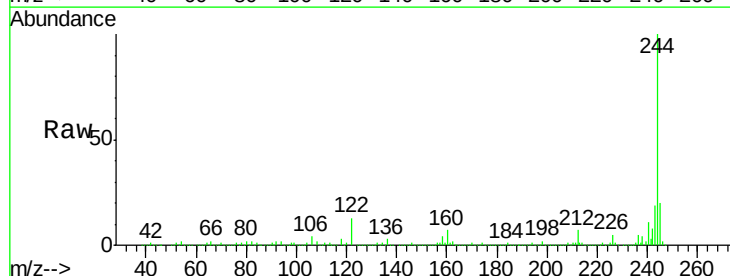
Tgt Ion:244 Resp: 1590976

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

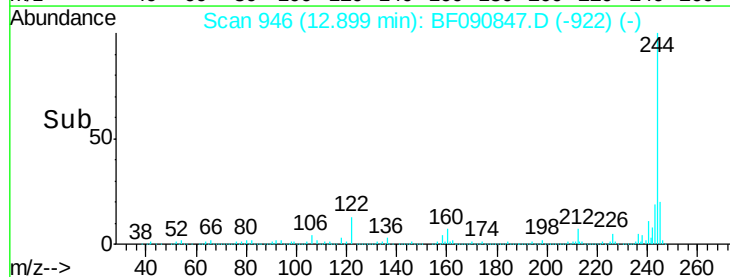
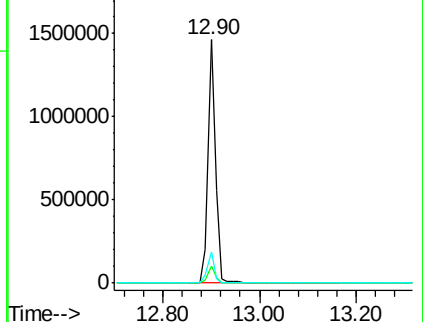
122 12.6 17.4 26.2#

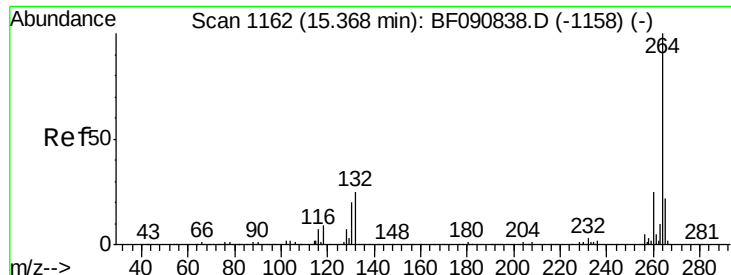


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

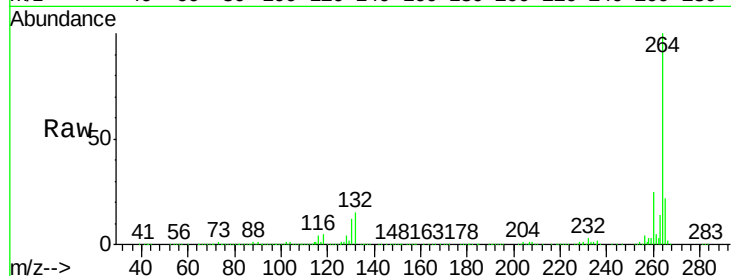




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF090847.D
Acq: 26 Oct 2016 18:34

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tot Ion:	264	Resp:	517104
Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	22.0	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

