

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090756.D
 Acq On : 22 Oct 2016 12:26
 Operator : UM/SJ
 Sample : H5367-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-101916

Quant Time: Oct 24 01:31:55 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

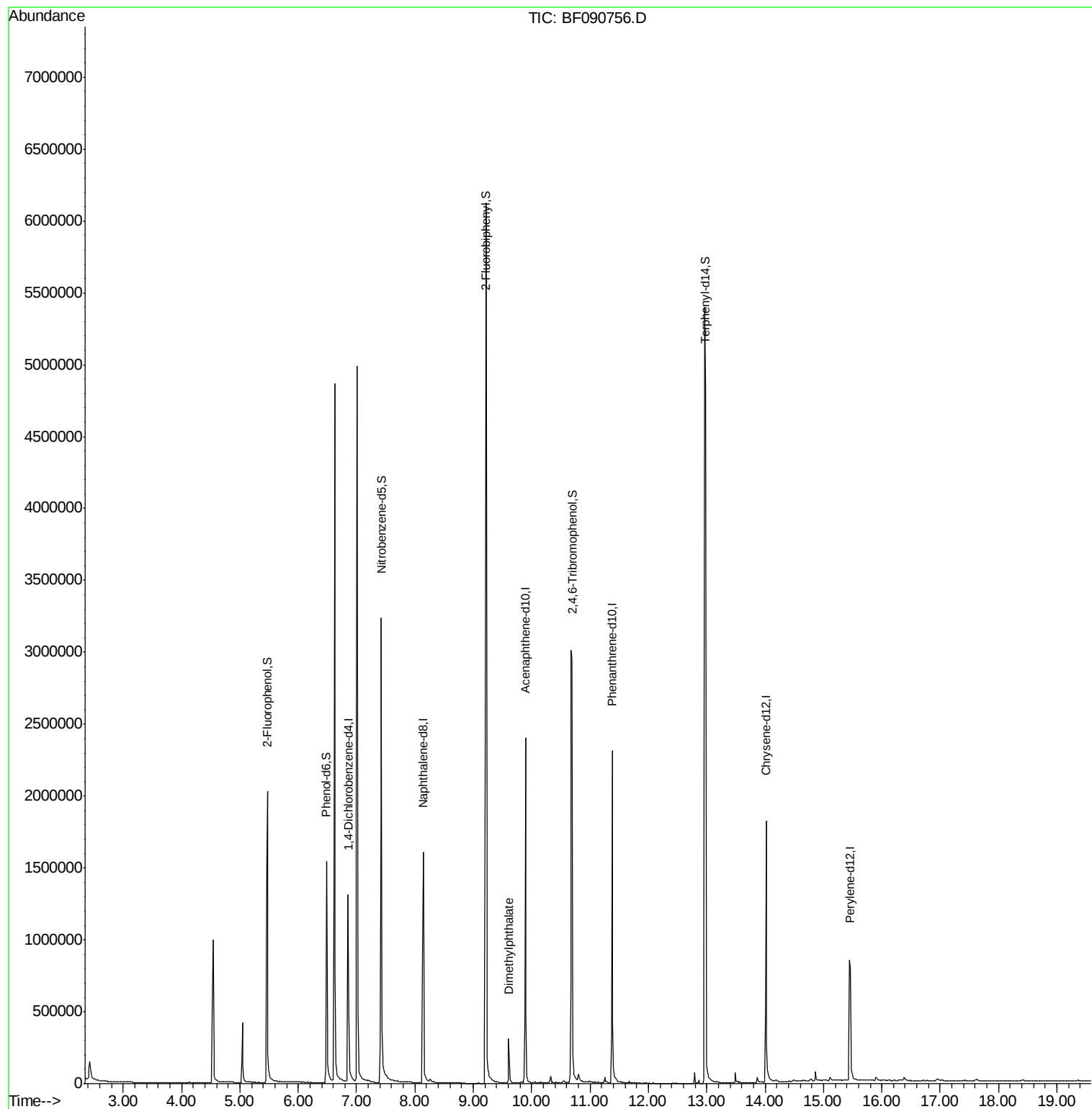
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	250439	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1061470	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	556646	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	931561	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	715617	20.00	ng	0.00
86) Perylene-d12	15.46	264	502811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	839770	54.08	ng	0.01
7) Phenol-d6	6.49	99	620892	29.52	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1648742	85.19	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	745838	169.28	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2617049	72.98	ng	-0.01
78) Terphenyl-d14	12.98	244	2894702	92.71	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	180731	5.17	ng	Qvalue # 97

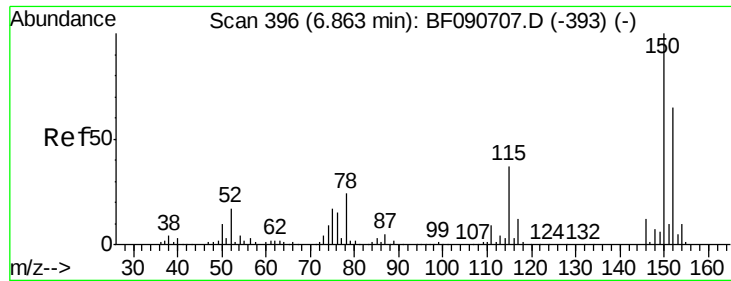
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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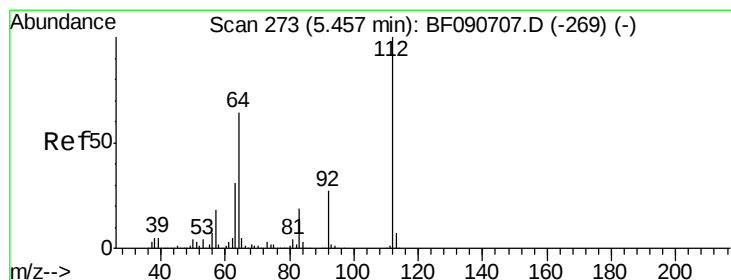
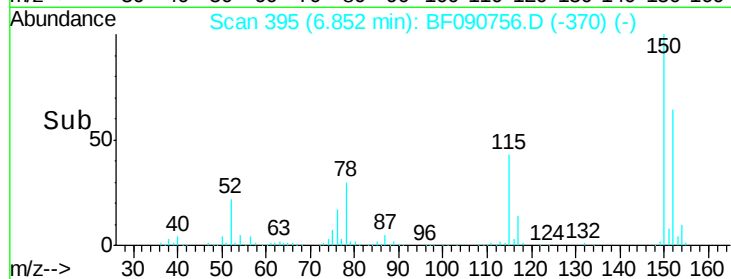
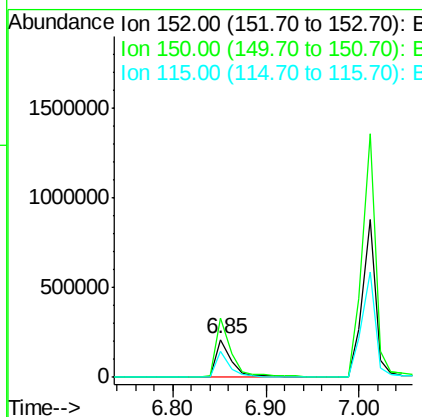
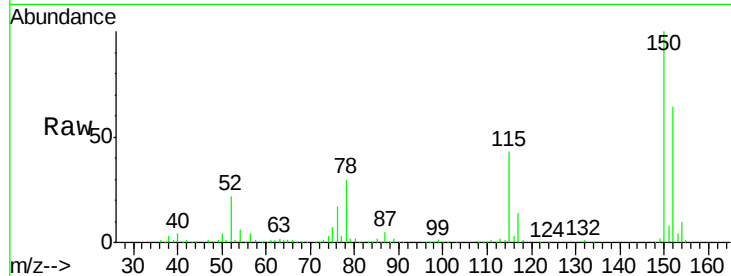


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090756.D
Acq: 22 Oct 2016 12:26

Instrument :
BNA_F
ClientSampleId :
MW-04S-101916

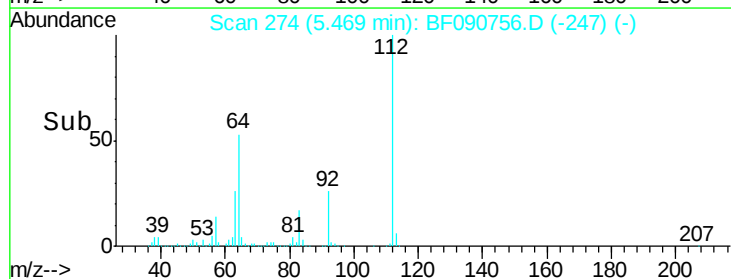
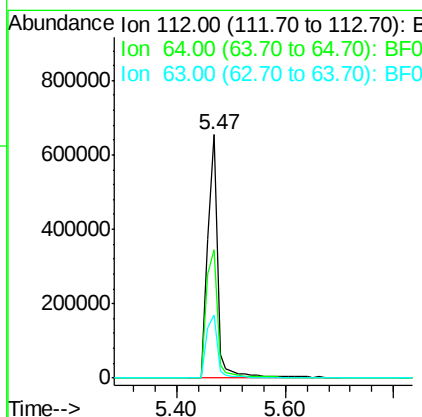
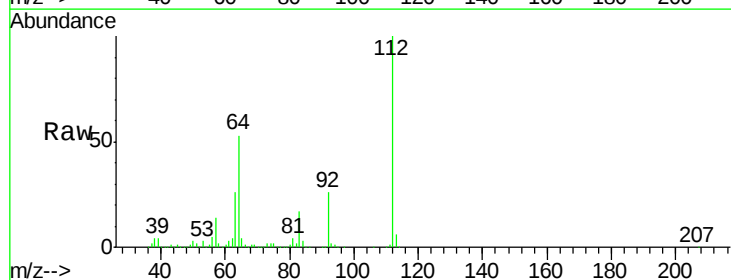
Tot Ion:152 Resp: 250439
Ion Ratio Lower Upper
152 100
150 157.4 124.7 187.1
115 67.1 39.0 58.4#

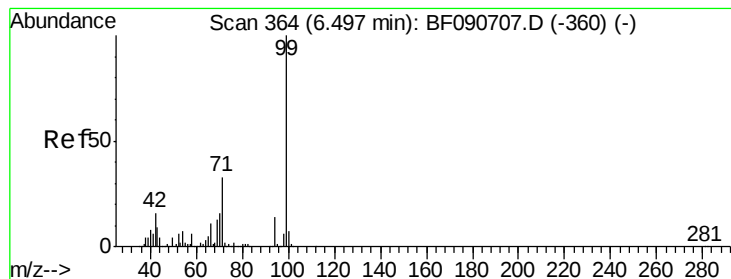


#5

2-Fluorophenol
Concen: 54.08 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090756.D
Acq: 22 Oct 2016 12:26

Tgt Ion:112 Resp: 839770
Ion Ratio Lower Upper
112 100
64 53.0 39.7 59.5
63 26.1 17.4 26.0#





#7

Phenol-d6

Concen: 29.52 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

Instrument :

BNA_F

ClientSampleId :

MW-04S-101916

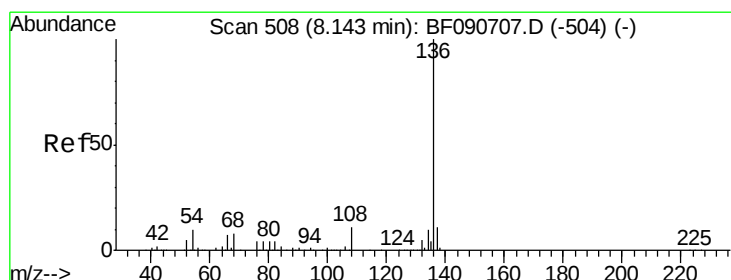
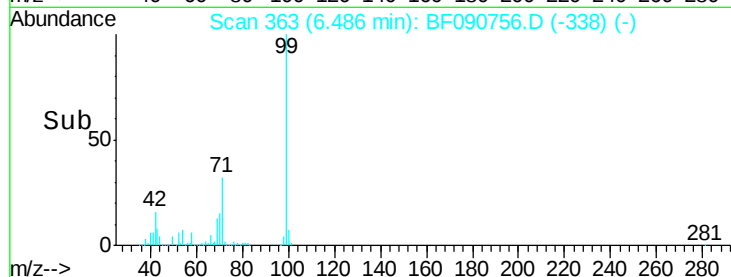
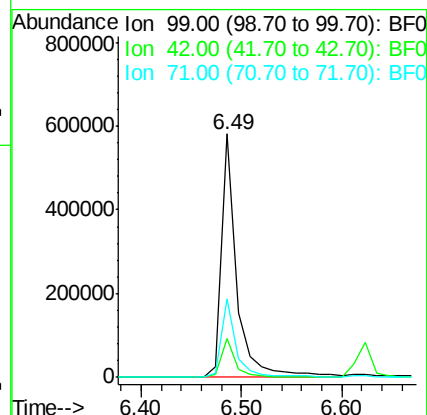
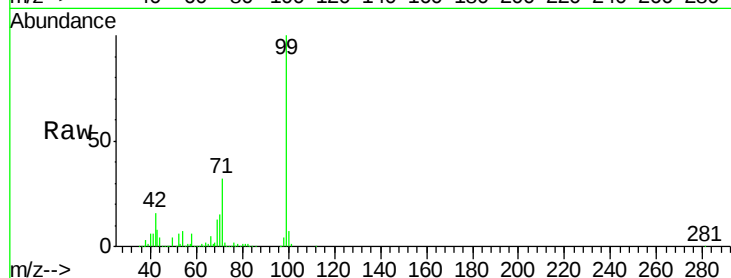
Tot Ion: 99 Resp: 620892

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 32.3 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

Tgt Ion: 136 Resp: 1061470

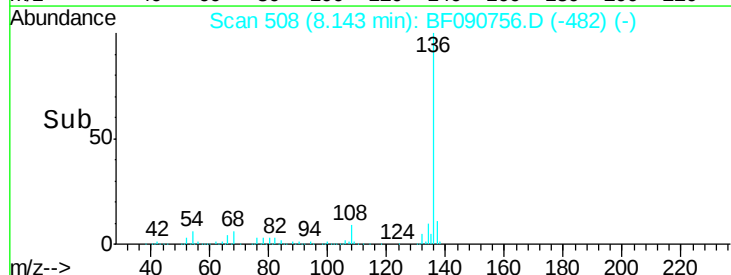
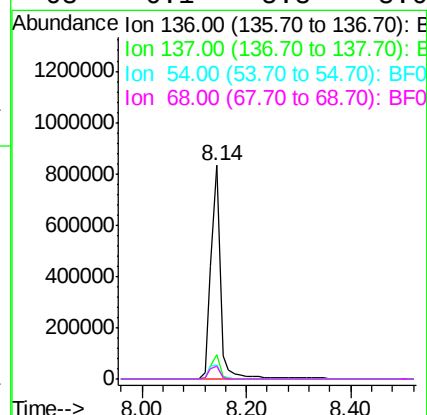
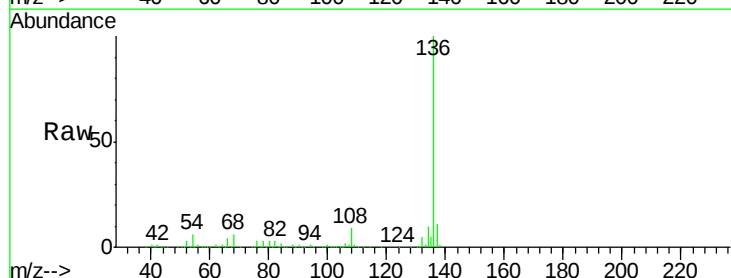
Ion Ratio Lower Upper

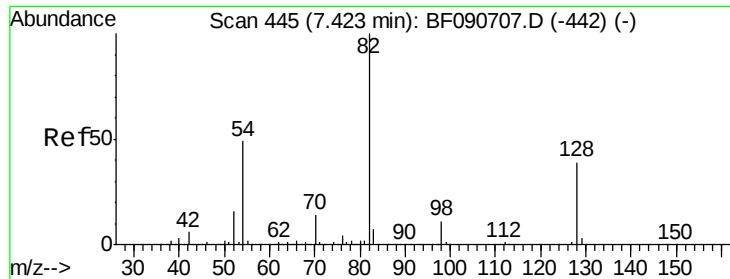
136 100

137 11.1 9.0 13.6

54 6.5 8.2 12.2#

68 6.1 5.8 8.6

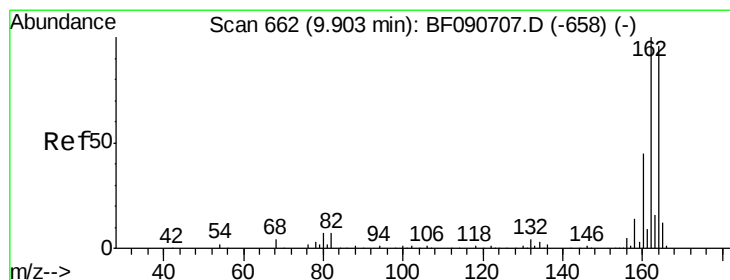
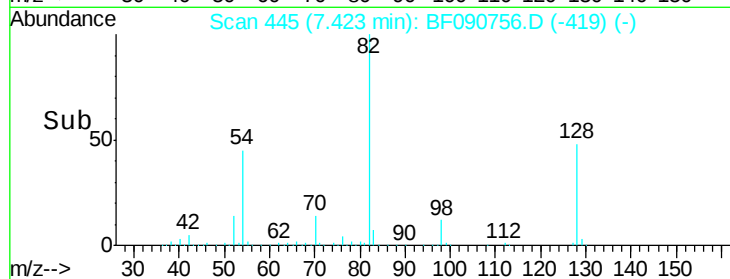
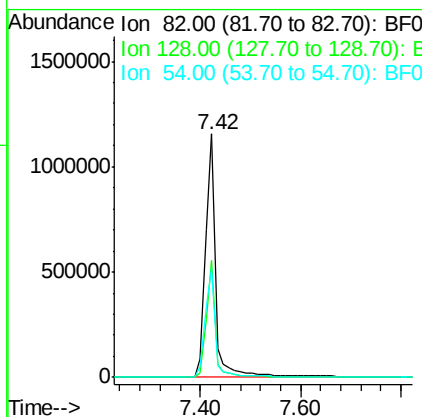
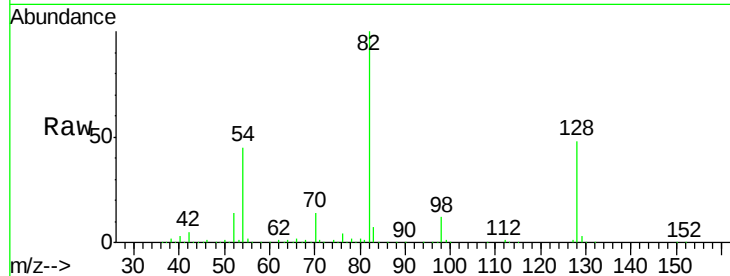




#23
 Nitrobenzene-d5
 Concen: 85.19 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

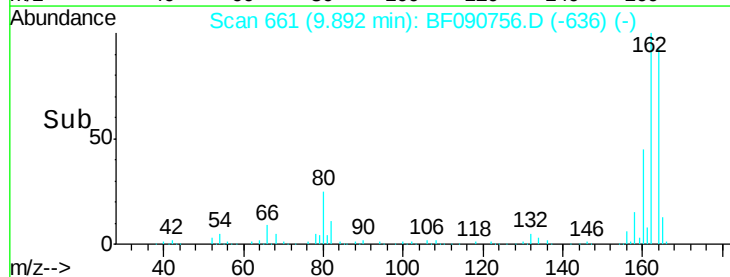
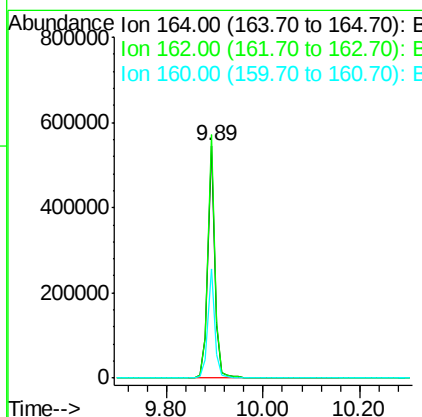
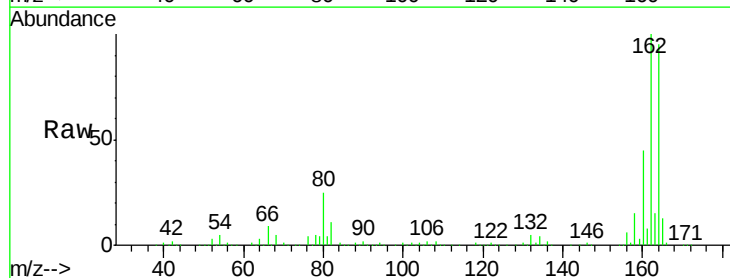
Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-101916

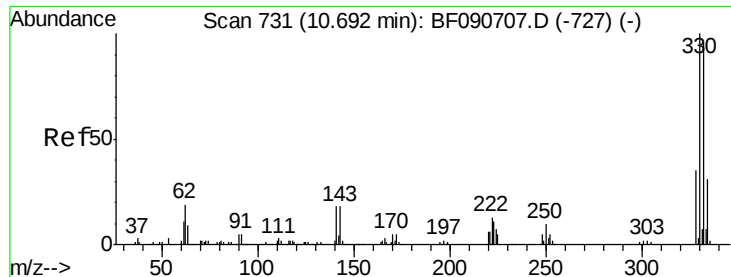
Tot Ion: 82 Resp: 1648742
 Ion Ratio Lower Upper
 82 100
 128 47.9 51.0 76.6#
 54 44.8 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Tgt Ion:164 Resp: 556646
 Ion Ratio Lower Upper
 164 100
 162 104.9 75.2 112.8
 160 47.2 31.5 47.3

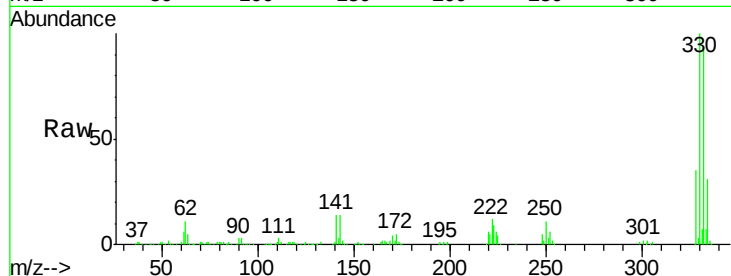




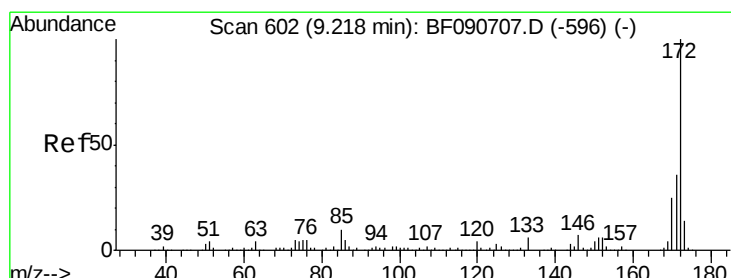
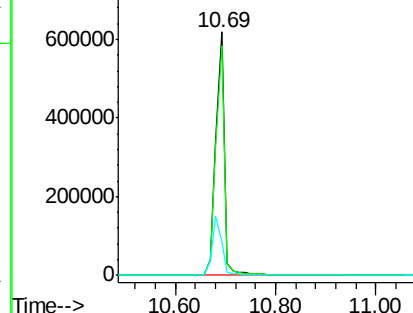
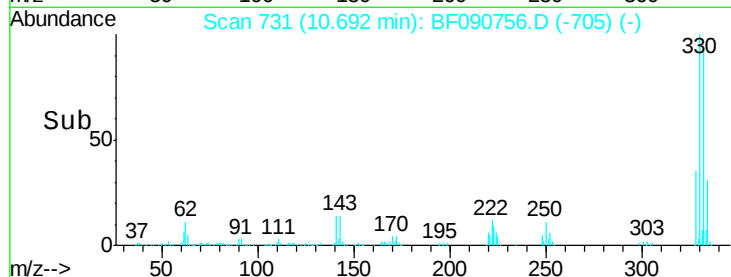
#41
 2,4,6-Tribromophenol
 Concen: 169.28 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-101916

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	28.1	29.7	44.5#

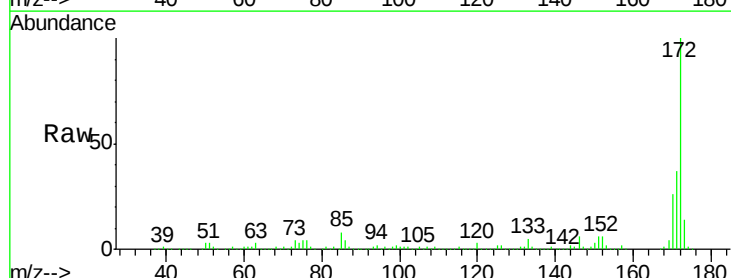


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

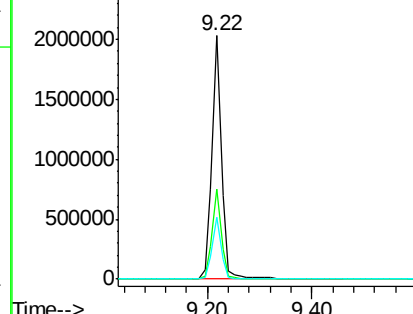
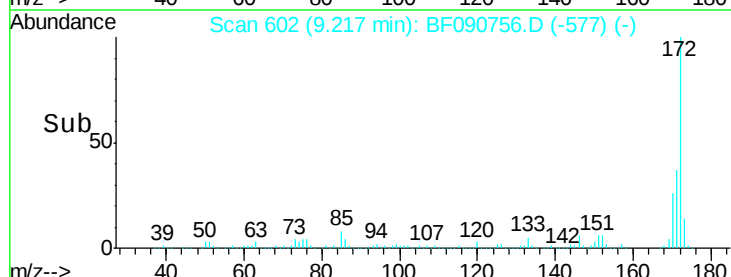


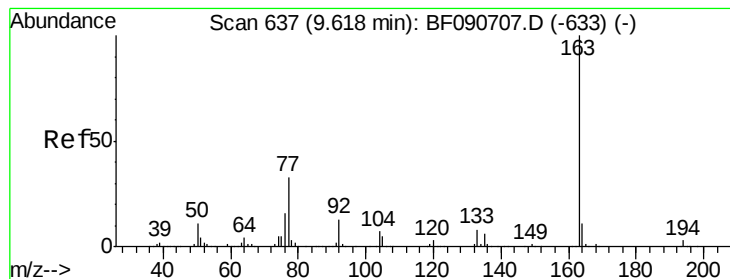
#44
 2-Fluorobiphenyl
 Concen: 72.98 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.1	39.1
170	25.6	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: 5.17 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

Instrument :

BNA_F

ClientSampleId :

MW-04S-101916

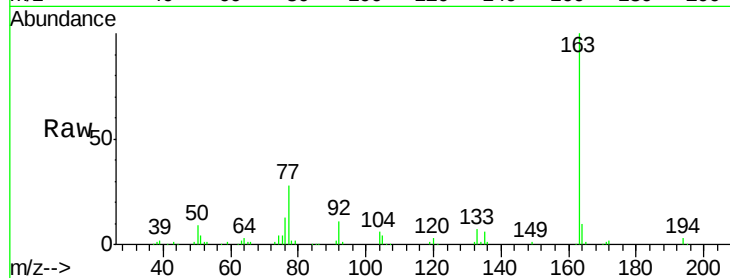
Tot Ion:163 Resp: 180731

Ion Ratio Lower Upper

163 100

194 2.6 4.4 6.6#

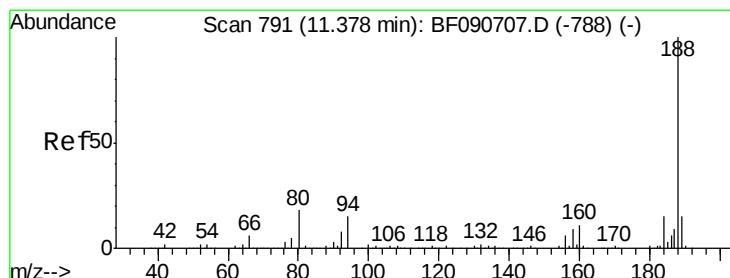
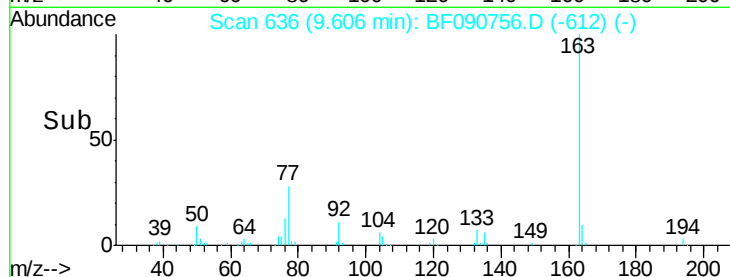
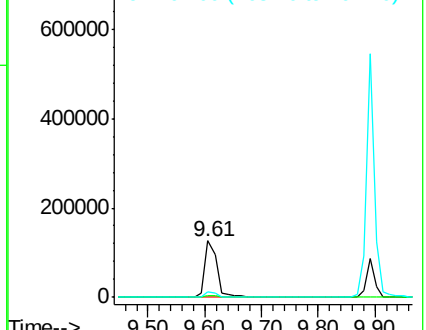
164 10.3 8.3 12.5



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: BF090756.D

Acq: 22 Oct 2016 12:26

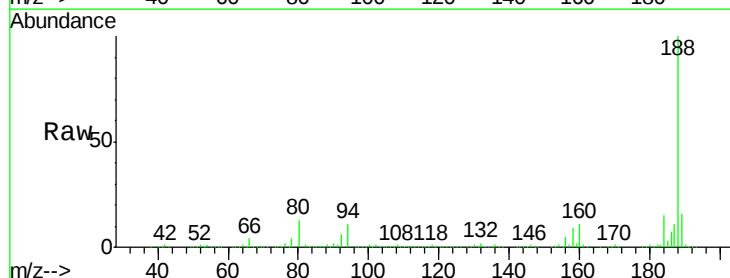
Tgt Ion:188 Resp: 931561

Ion Ratio Lower Upper

188 100

94 11.5 11.1 16.7

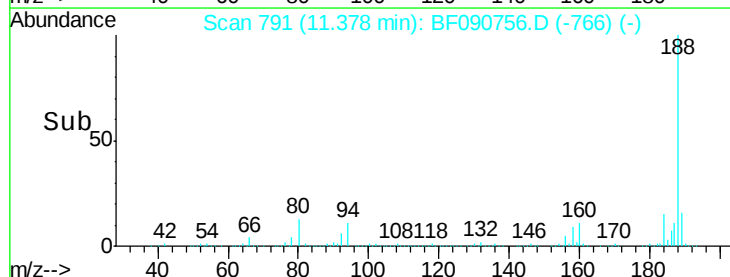
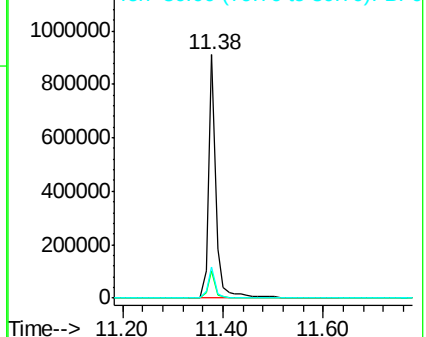
80 12.6 11.0 16.4

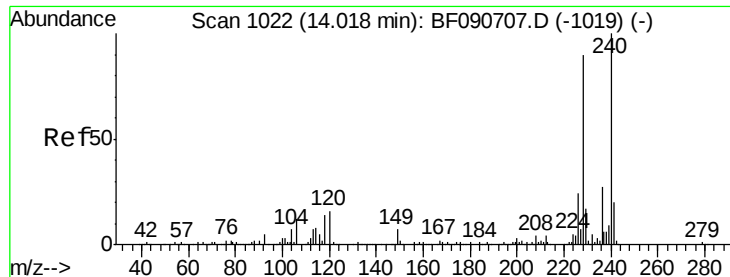


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090756.D

Acq: 22 Oct 2016 12:26

Instrument :

BNA_F

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MW-04S-101916

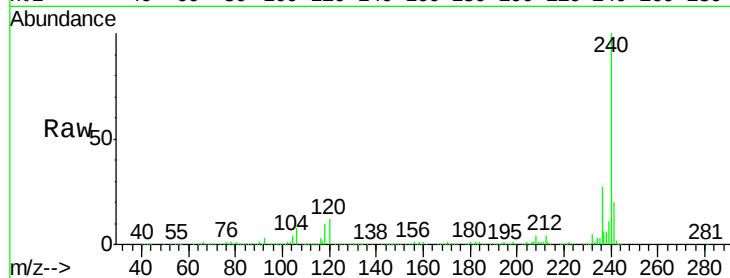
Tot Ion:240 Resp: 715617

Ion Ratio Lower Upper

240 100

120 11.7 16.2 24.2#

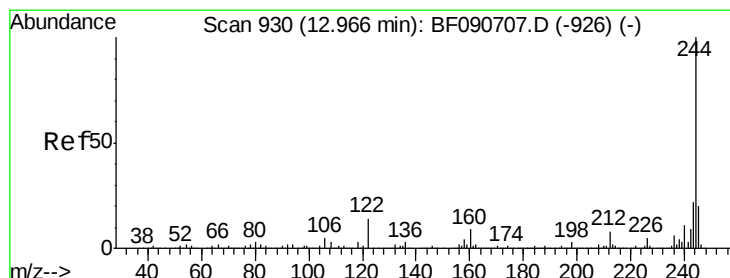
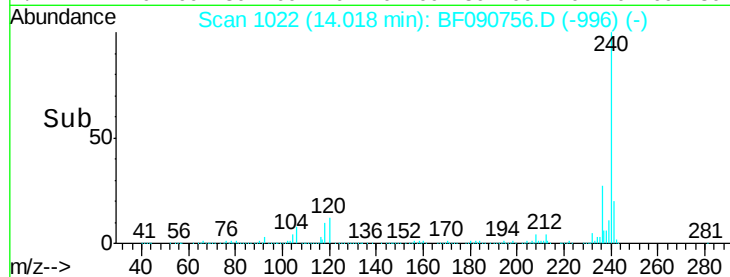
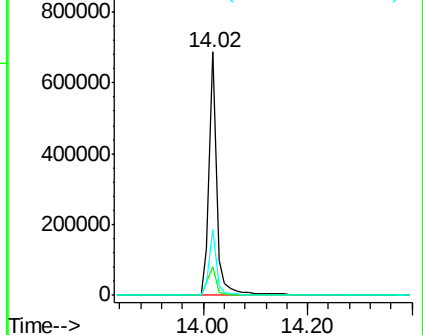
236 26.9 18.4 27.6



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: 92.71 ng

RT: 12.98 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

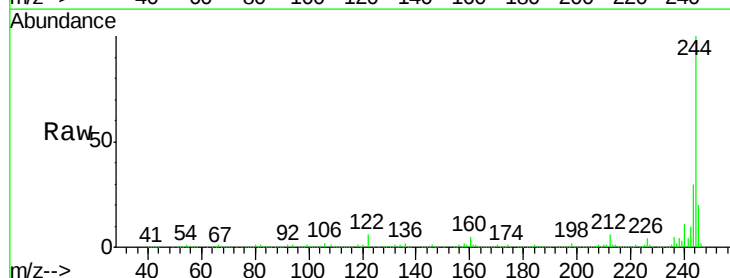
Tgt Ion:244 Resp: 2894702

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

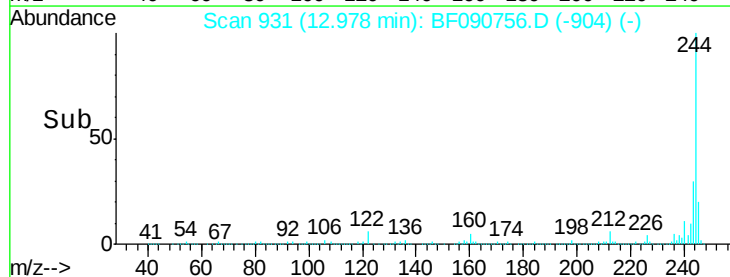
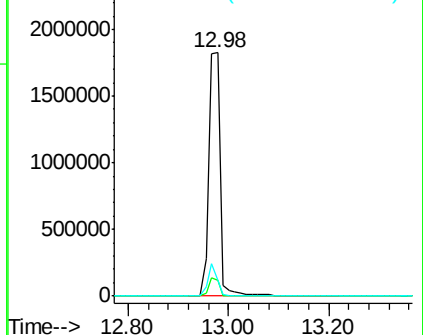
122 6.3 17.4 26.2#

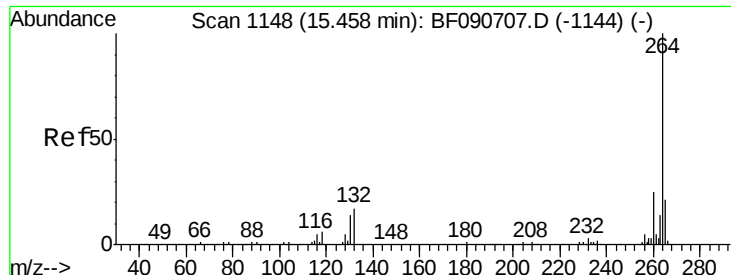


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

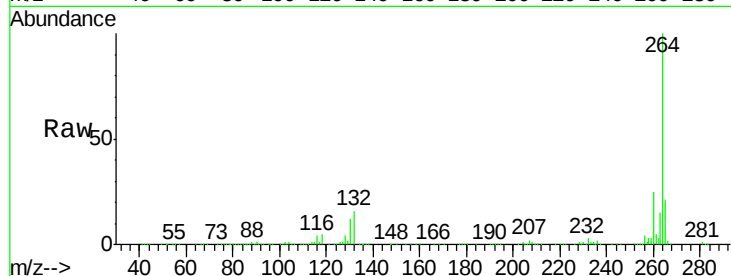




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF090756.D
Acq: 22 Oct 2016 12:26

Instrument :
BNA_F
ClientSampleId :
MW-04S-101916

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	21.4	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

