

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090753.D
 Acq On : 22 Oct 2016 11:04
 Operator : UM/SJ
 Sample : H5367-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03D-101916

Quant Time: Oct 24 01:25:30 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	252916	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1074933	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	539014	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	852074	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	533210	20.00	ng	0.00
86) Perylene-d12	15.45	264	367093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1023398	65.26	ng	0.01
7) Phenol-d6	6.49	99	790548	37.22	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1702482	86.87	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	714513	167.48	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2678392	77.14	ng	-0.01
78) Terphenyl-d14	12.97	244	2259431	97.12	ng	0.00

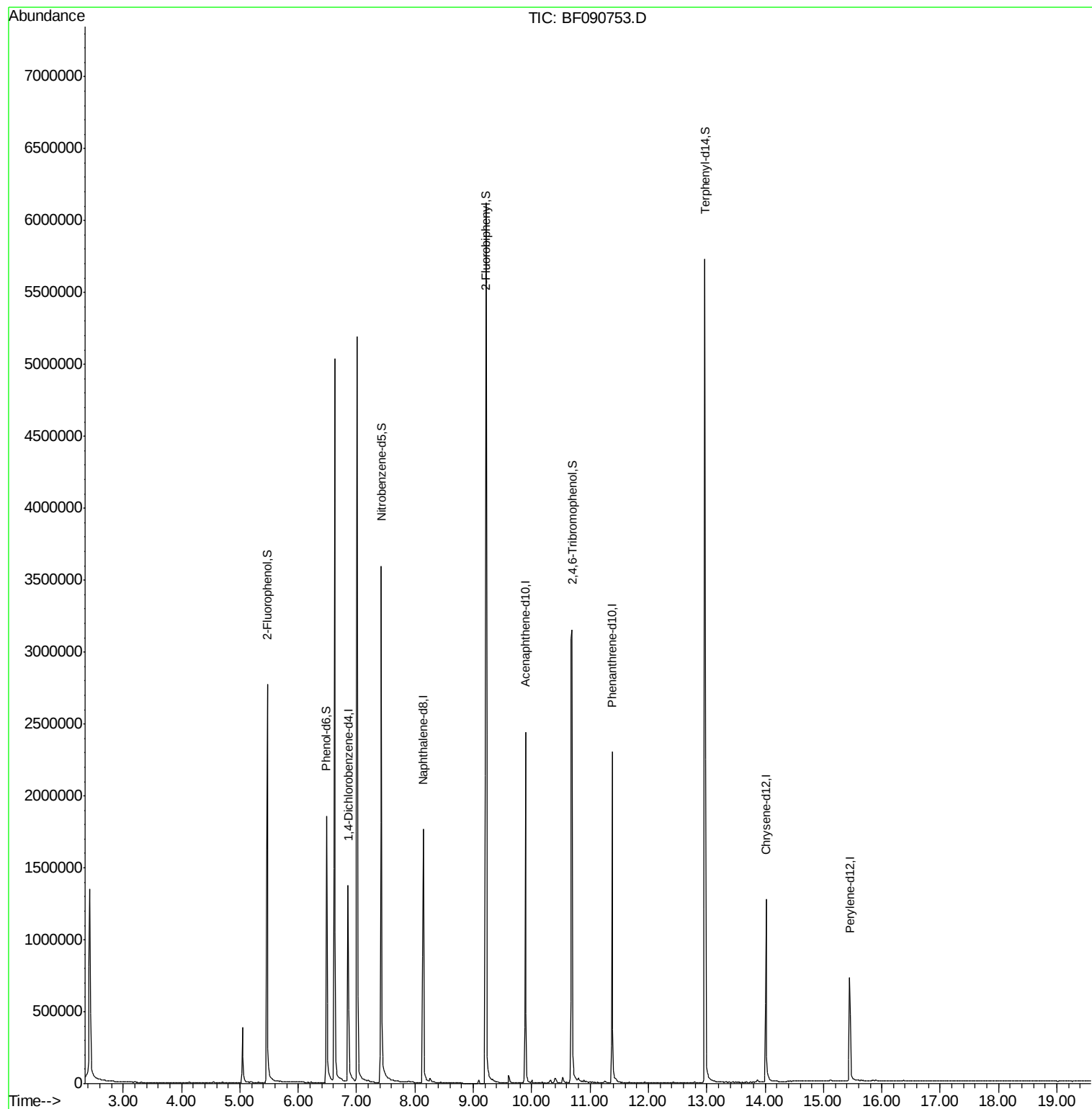
Target Compounds Qvalue

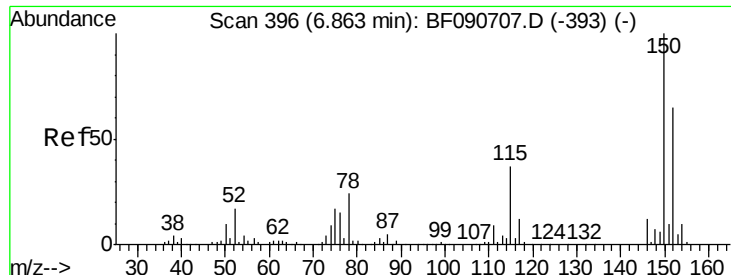
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 2016
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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: BF090753.D

Acq: 22 Oct 2016 11:04

Instrument :

BNA_F

ClientSampleId :

MW-03D-101916

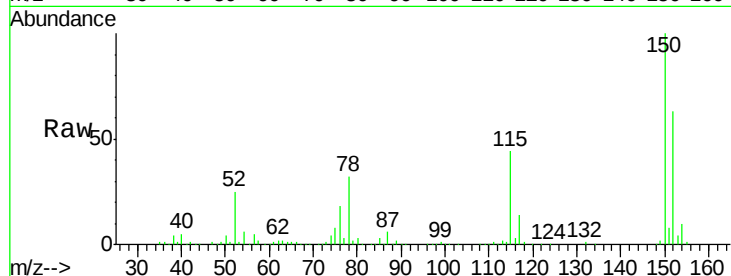
Tot Ion:152 Resp: 252916

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

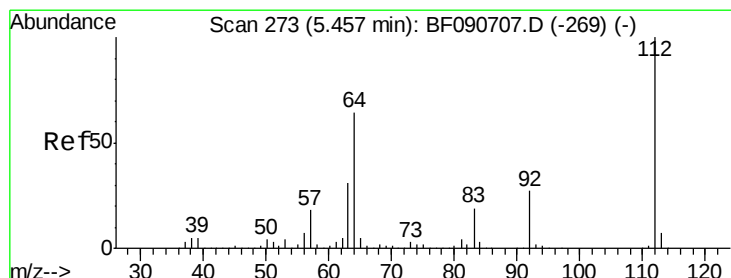
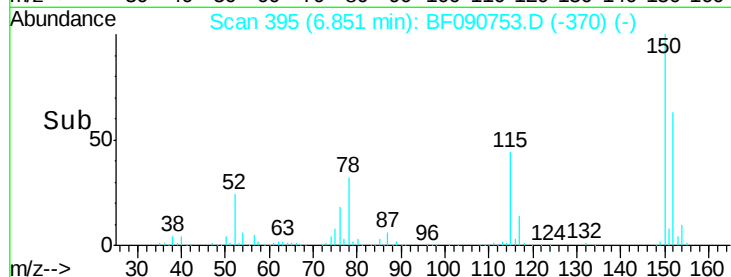
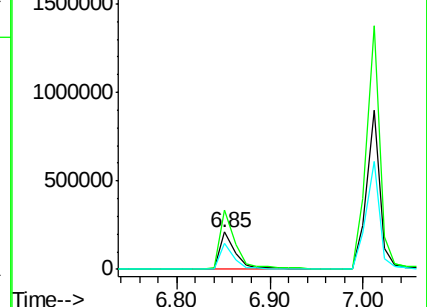
115 70.5 39.0 58.4#



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: 65.26 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090753.D

Acq: 22 Oct 2016 11:04

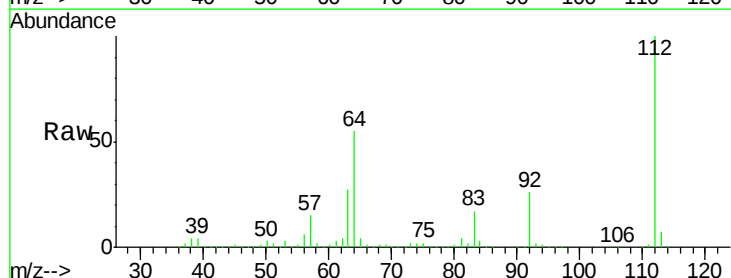
Tgt Ion:112 Resp: 1023398

Ion Ratio Lower Upper

112 100

64 55.3 39.7 59.5

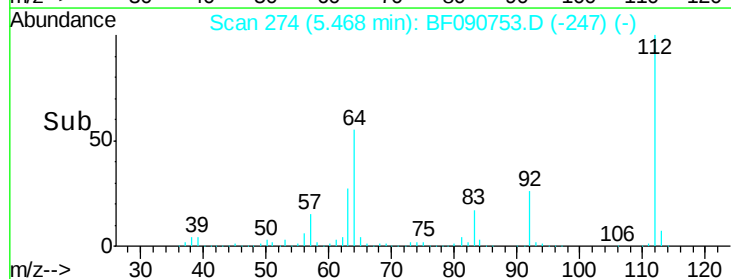
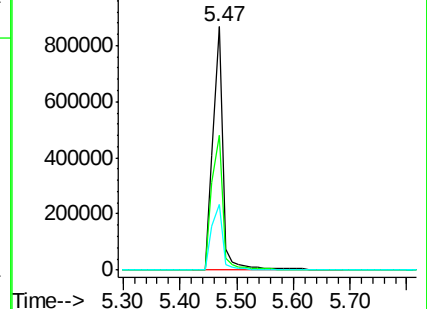
63 27.2 17.4 26.0#

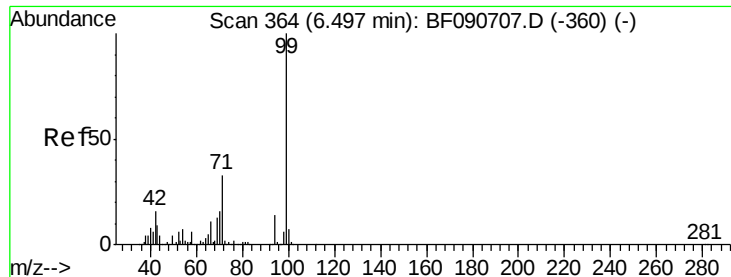


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.22 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090753.D

Acq: 22 Oct 2016 11:04

Instrument :

BNA_F

ClientSampleId :

MW-03D-101916

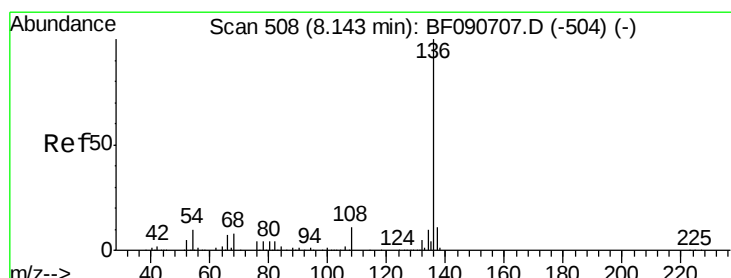
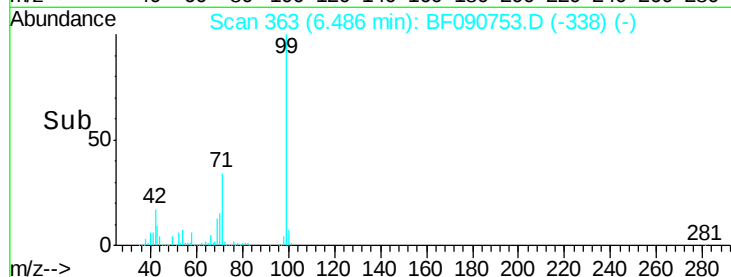
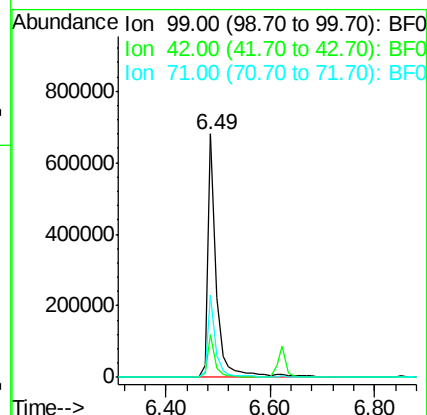
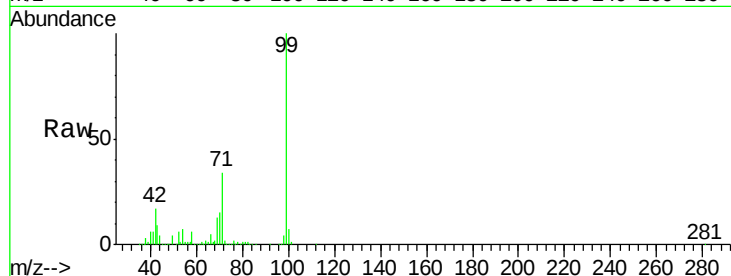
Tot Ion: 99 Resp: 790548

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 34.0 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: BF090753.D

Acq: 22 Oct 2016 11:04

Tgt Ion: 136 Resp: 1074933

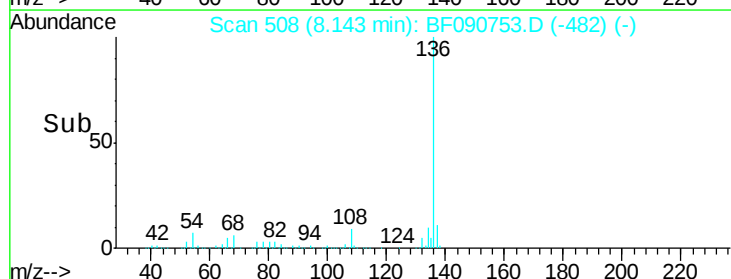
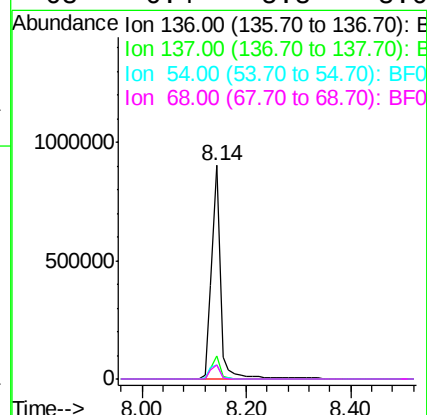
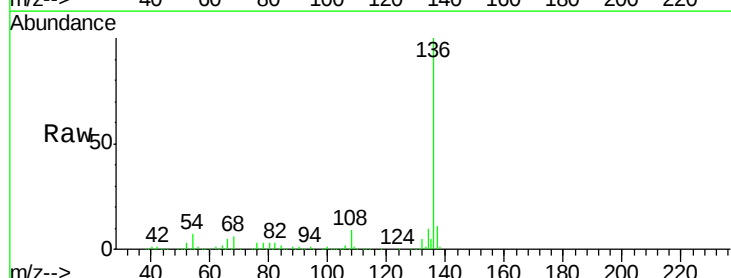
Ion Ratio Lower Upper

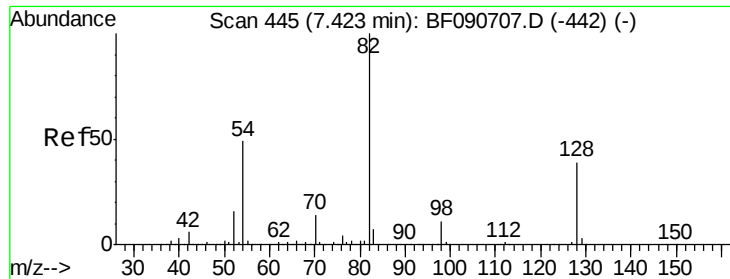
136 100

137 11.0 9.0 13.6

54 6.9 8.2 12.2#

68 6.4 5.8 8.6

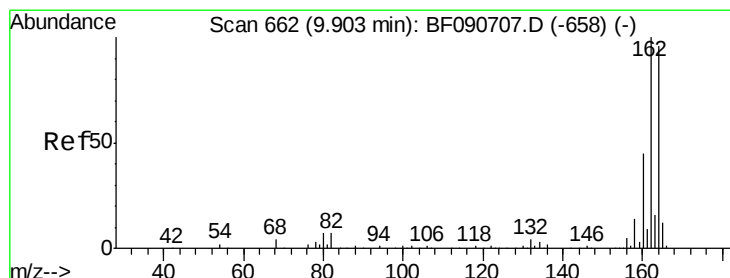
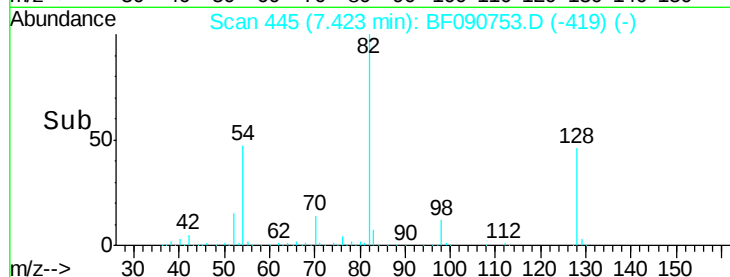
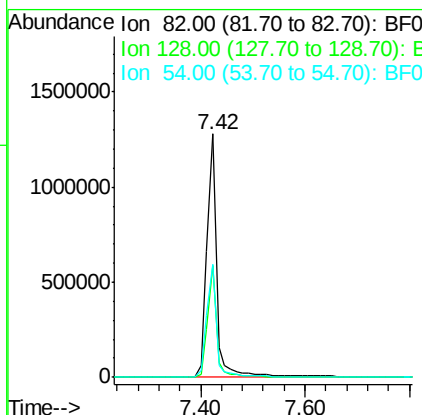
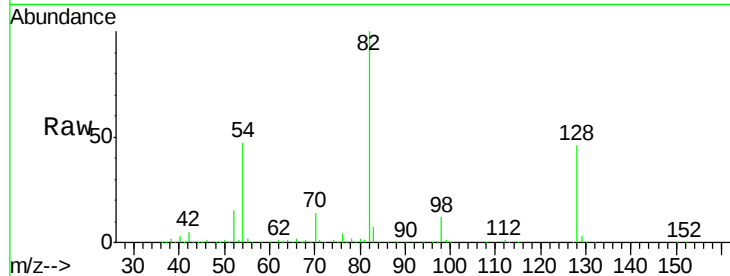




#23
 Nitrobenzene-d5
 Concen: 86.87 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090753.D
 Acq: 22 Oct 2016 11:04

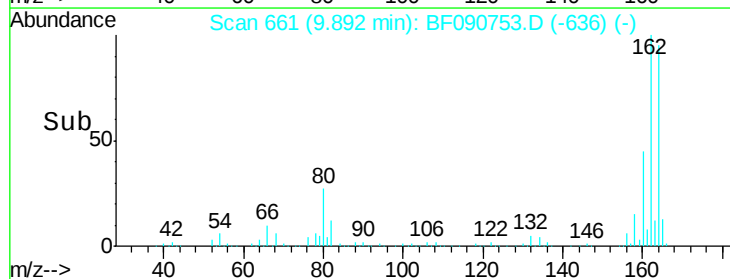
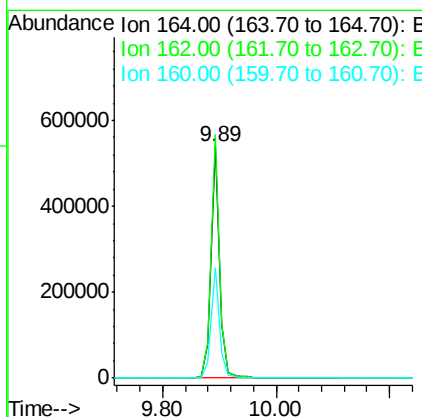
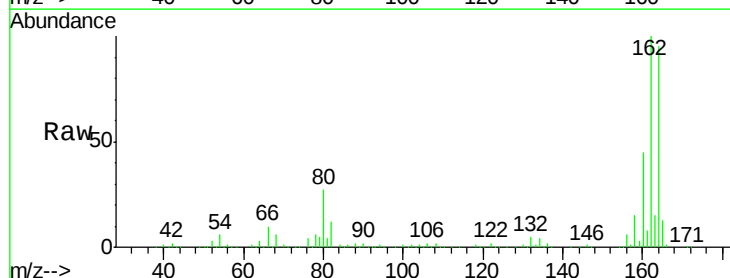
Instrument :
 BNA_F
 ClientSampleId :
 MW-03D-101916

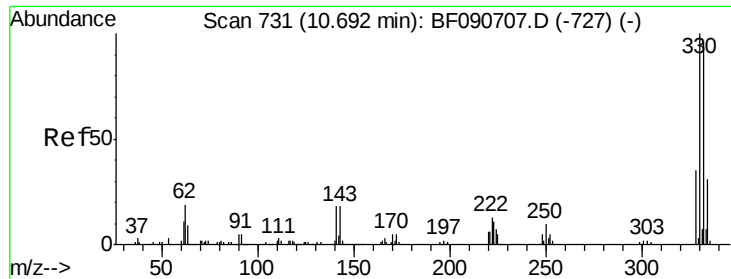
Tot Ion: 82 Resp: 1702482
 Ion Ratio Lower Upper
 82 100
 128 45.8 51.0 76.6#
 54 46.6 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090753.D
 Acq: 22 Oct 2016 11:04

Tgt Ion:164 Resp: 539014
 Ion Ratio Lower Upper
 164 100
 162 105.0 75.2 112.8
 160 47.7 31.5 47.3#

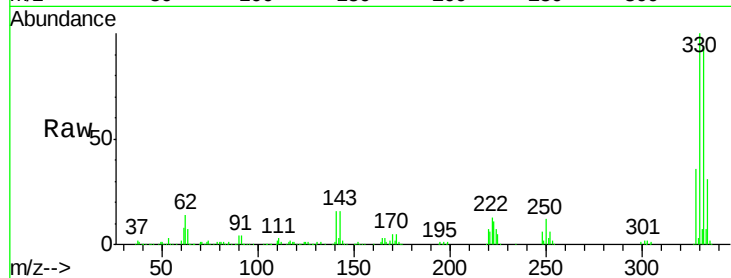




#41
 2,4,6-Tribromophenol
 Concen: 167.48 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090753.D
 Acq: 22 Oct 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-03D-101916

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	31.2	29.7	44.5

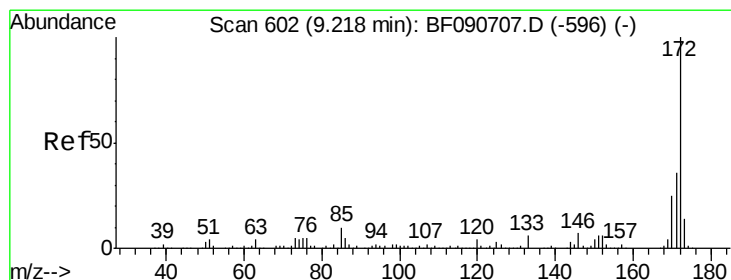
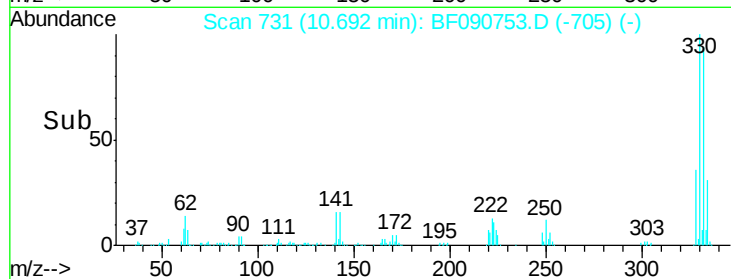
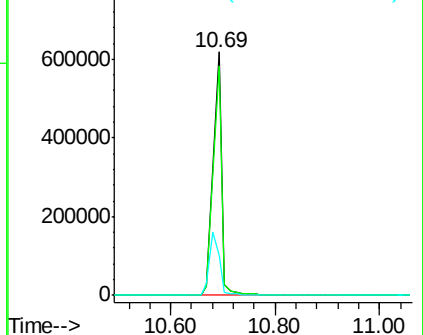


Abundance

Ion 329.80 (329.50 to 330.50): E

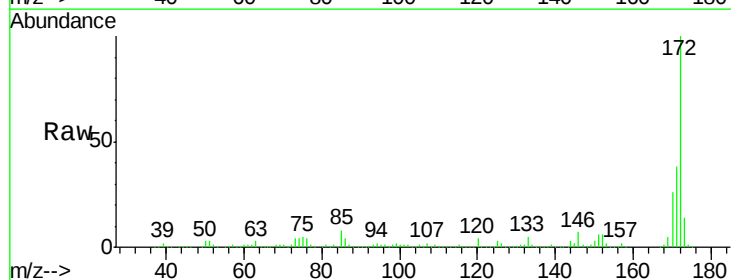
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.14 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090753.D
 Acq: 22 Oct 2016 11:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	26.1	39.1
170	25.8	17.4	26.2

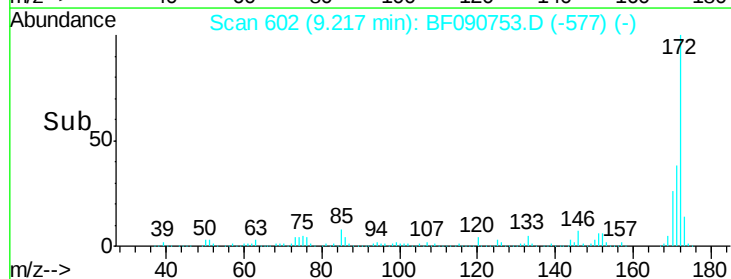
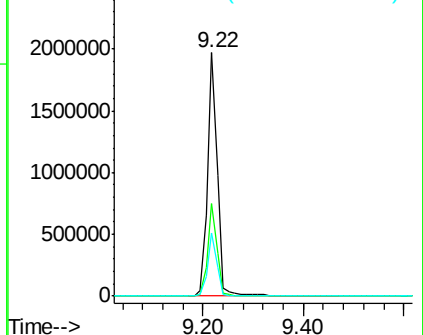


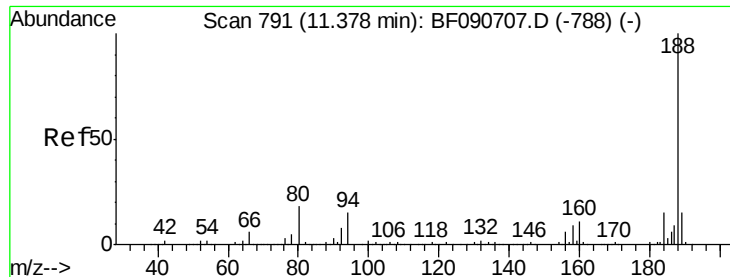
Abundance

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

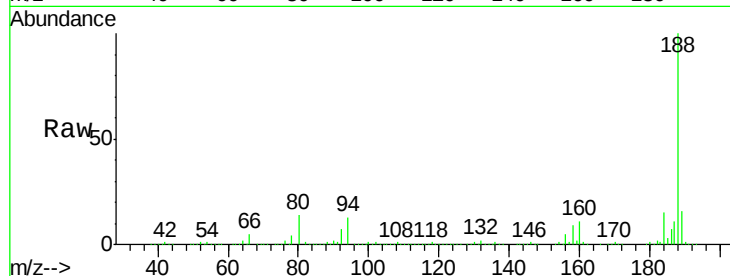




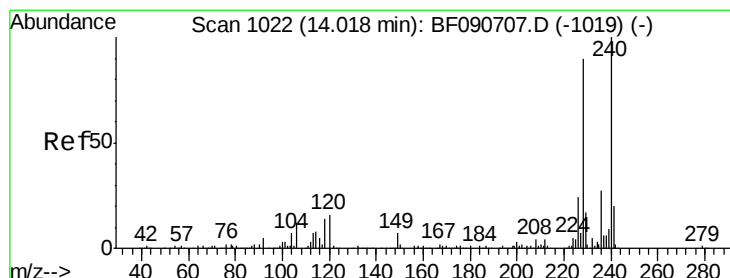
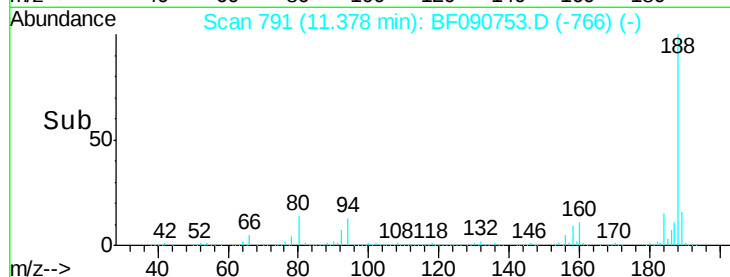
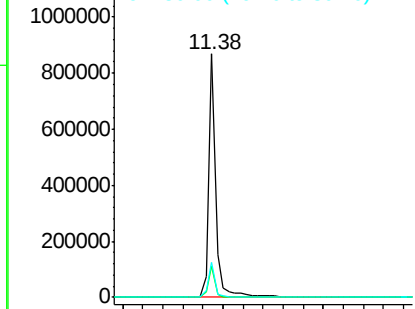
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090753.D
Acq: 22 Oct 2016 11:04

Instrument :
BNA_F
ClientSampleId :
MW-03D-101916

Tot Ion:188 Resp: 852074
Ion Ratio Lower Upper
188 100
94 13.0 11.1 16.7
80 14.4 11.0 16.4

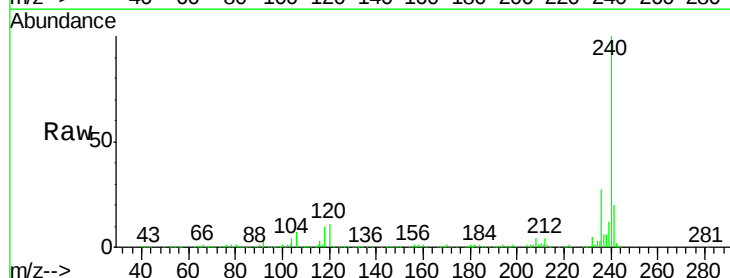


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

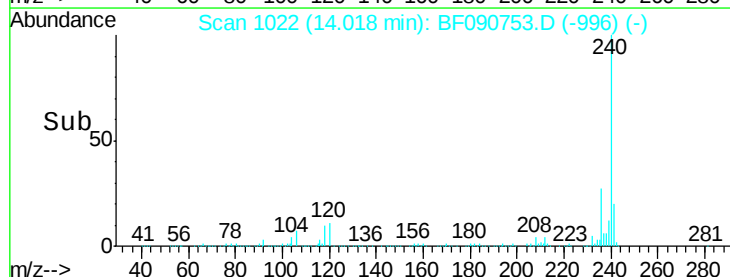
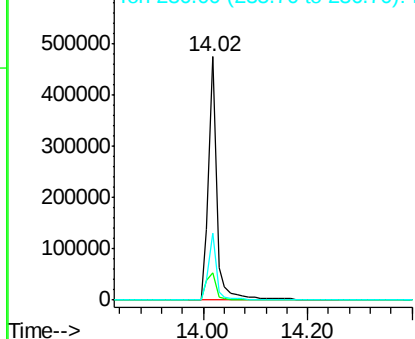


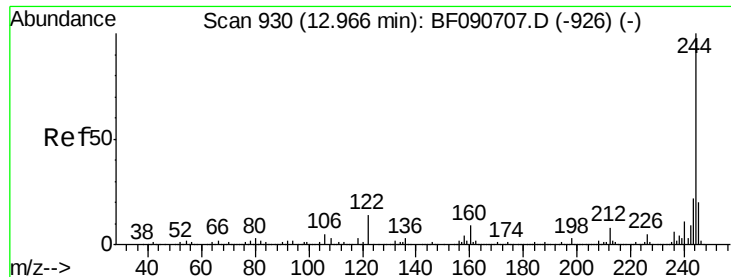
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090753.D
Acq: 22 Oct 2016 11:04

Tgt Ion:240 Resp: 533210
Ion Ratio Lower Upper
240 100
120 11.0 16.2 24.2#
236 27.4 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

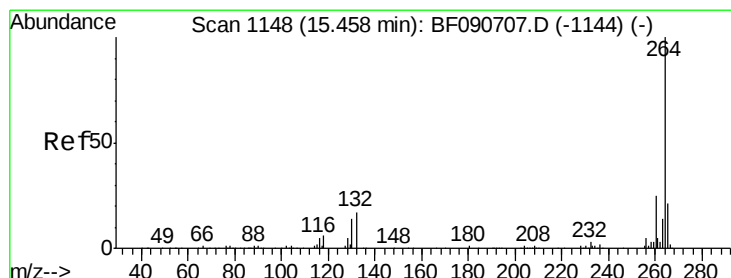
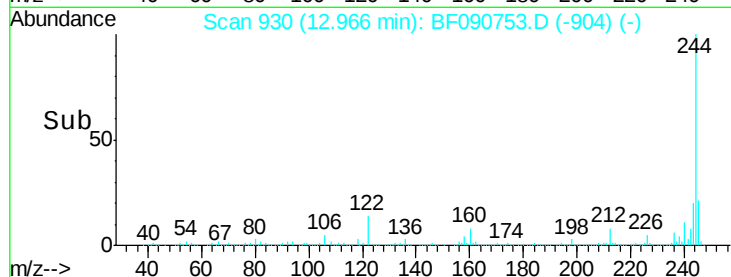
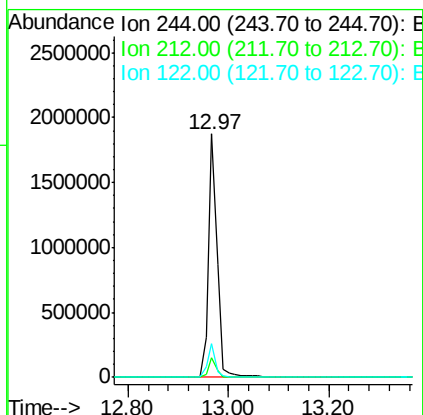
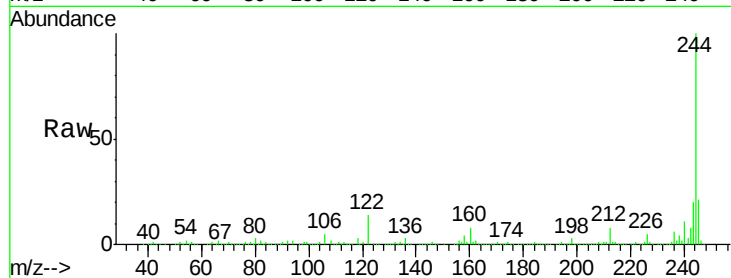




#78
 Terphenyl-d14
 Concen: 97.12 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090753.D
 Acq: 22 Oct 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-03D-101916

Tot Ion:244 Resp: 2259431
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 13.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090753.D
 Acq: 22 Oct 2016 11:04

Tgt Ion:264 Resp: 367093
 Ion Ratio Lower Upper
 264 100
 260 25.0 16.7 25.1
 265 21.9 17.2 25.8

