

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088966.D
 Acq On : 13 Jul 2016 19:10
 Operator : UM/SJ
 Sample : H3947-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG(15-20)SP-C

Quant Time: Jul 14 01:14:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

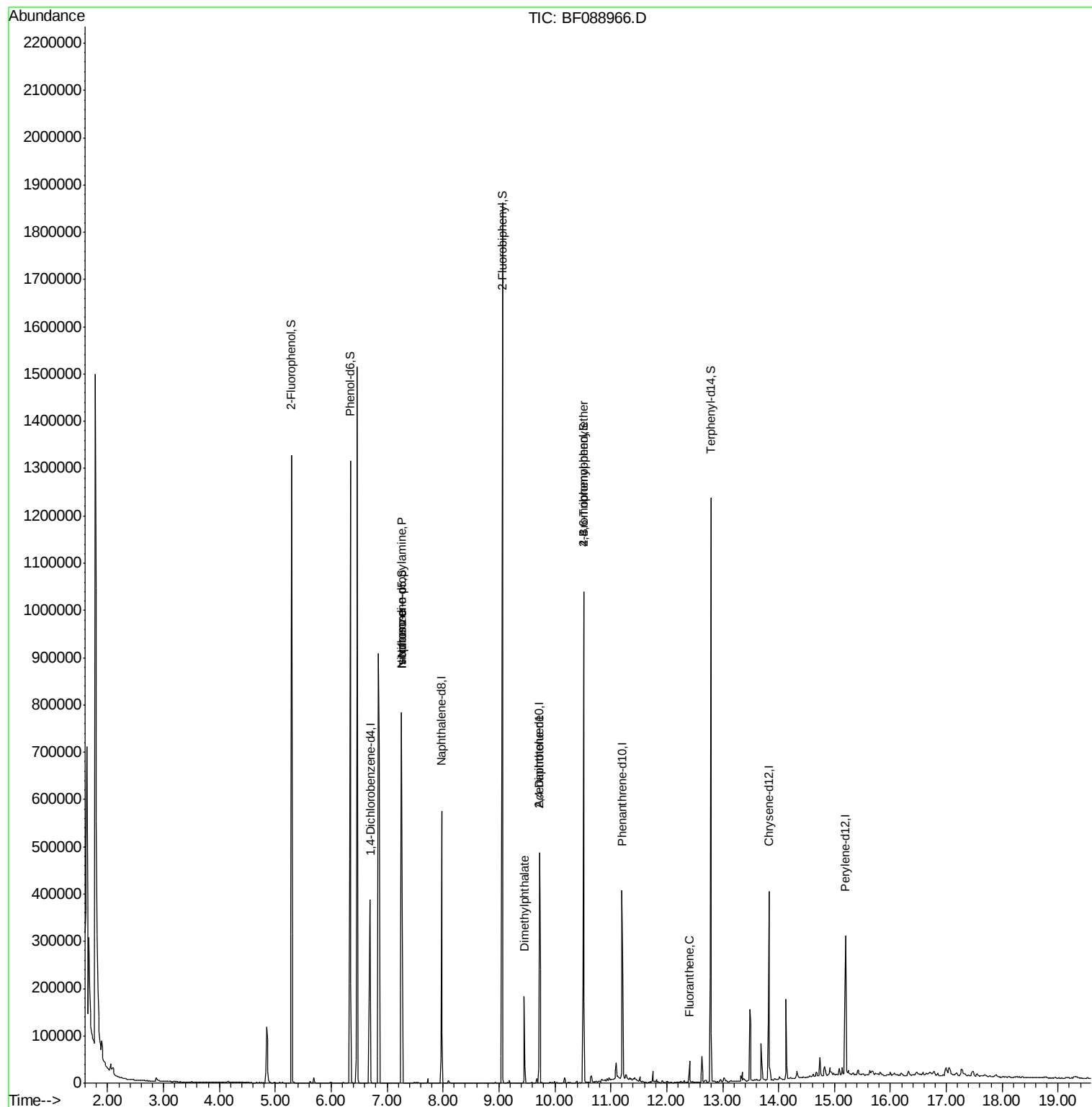
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	65456	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	247945	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	108109	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	182134	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	126694	20.00	ng	-0.02
86) Perylene-d12	15.20	264	128830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	385049	88.16	ng	0.00
7) Phenol-d6	6.34	99	498554	88.34	ng	-0.01
23) Nitrobenzene-d5	7.26	82	317529	67.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	110868	110.44	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	605013	88.40	ng	-0.01
78) Terphenyl-d14	12.79	244	329291	57.89	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	42601	11.24	ng	# 74
25) Isophorone	7.26	82	269019	30.70	ng	# 65
49) Dimethylphthalate	9.45	163	68863	8.94	ng	99
56) 2,4-Dinitrotoluene	9.72	165	13590	6.09	ng	# 36
66) 4-Bromophenyl-phenylether	10.51	248	7800	4.25	ng	# 1
74) Fluoranthene	12.41	202	20798	2.06	ng	93

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

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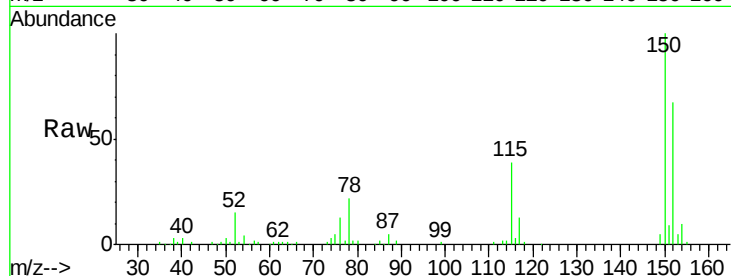




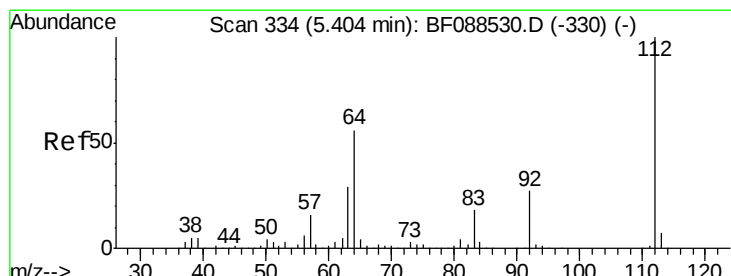
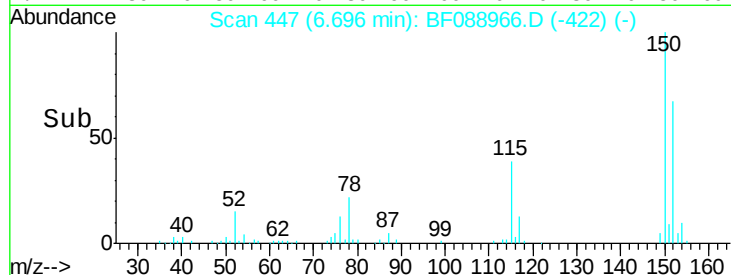
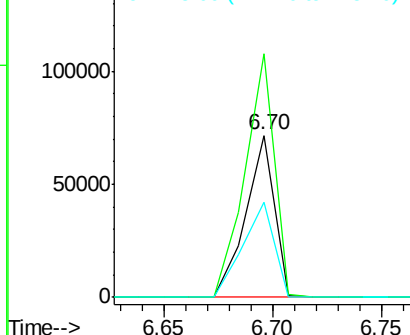
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 WPG(15-20)SP-C

Tgt Ion:152 Resp: 65456
 Ion Ratio Lower Upper
 152 100
 150 150.0 123.8 185.6
 115 58.6 39.6 59.4

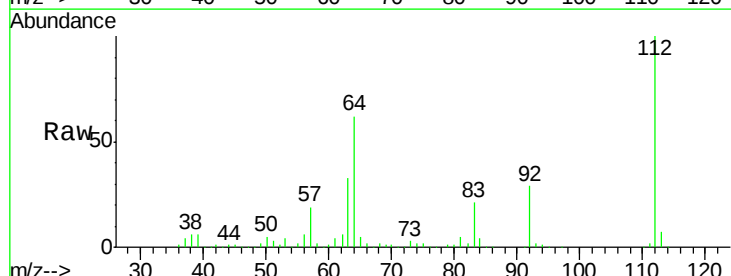


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

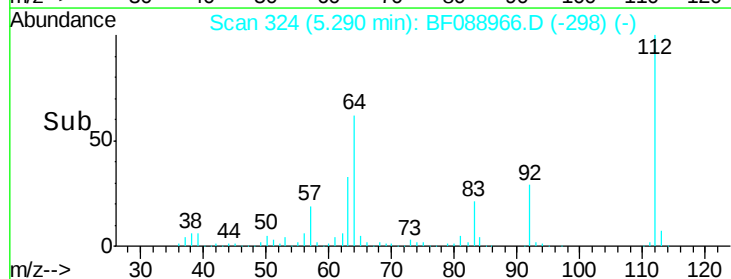
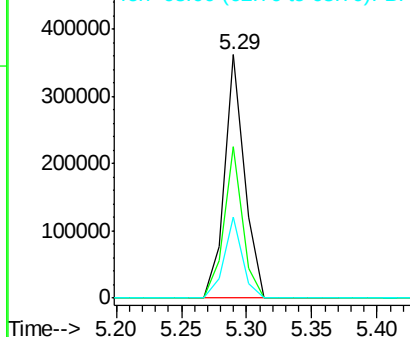


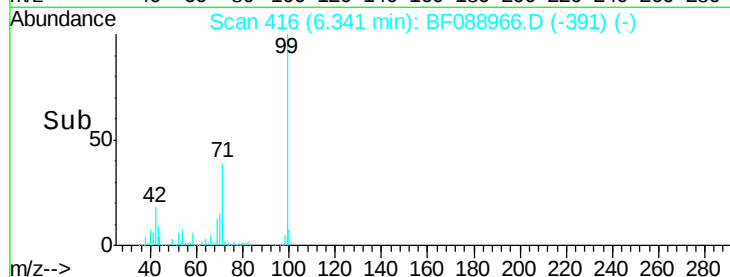
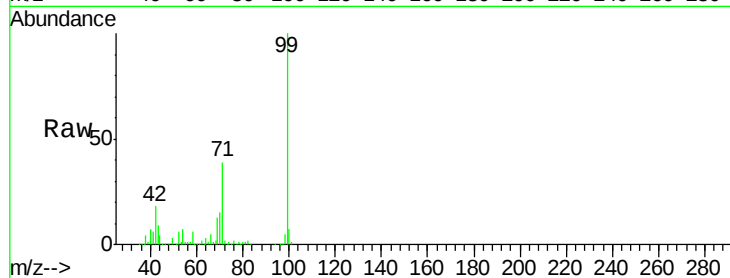
#5
 2-Fluorophenol
 Concen: 88.16 ng
 RT: 5.29 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Tgt Ion:112 Resp: 385049
 Ion Ratio Lower Upper
 112 100
 64 62.4 42.2 63.2
 63 33.3 21.8 32.8#



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: 88.34 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

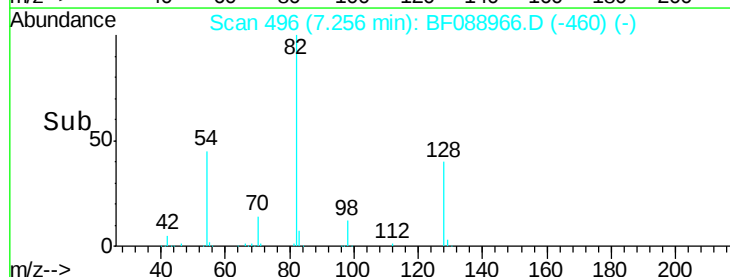
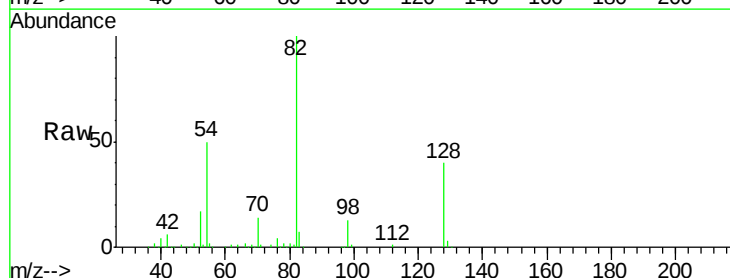
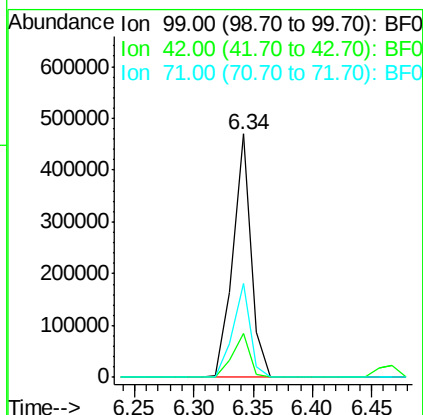
Tgt Ion: 99 Resp: 498554

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 38.7 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.24 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.11 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

Tgt Ion: 70 Resp: 42601

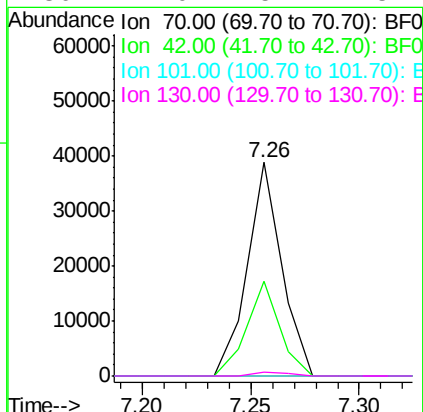
Ion Ratio Lower Upper

70 100

42 44.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

Tgt Ion: 136 Resp: 247945

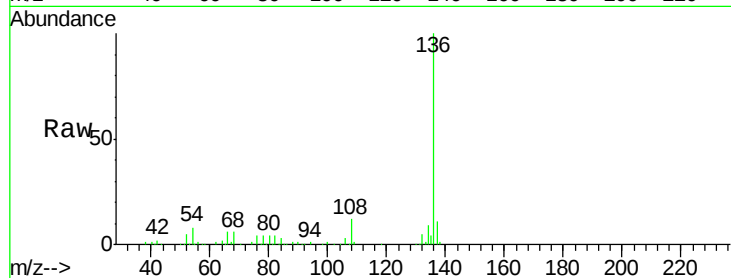
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.4 5.1 7.7

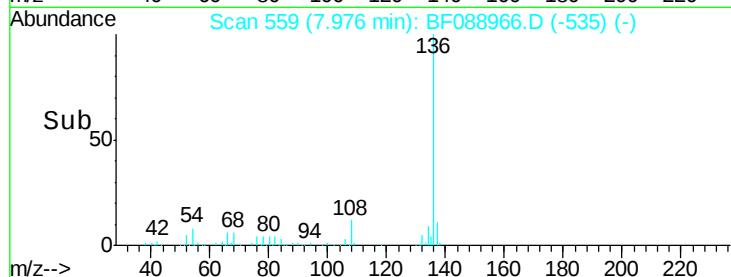


Abundance Ion 136.00 (135.70 to 136.70): E

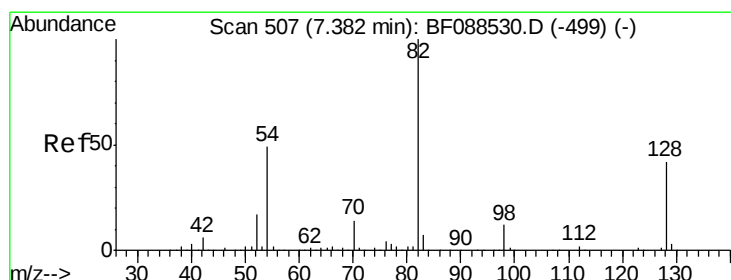
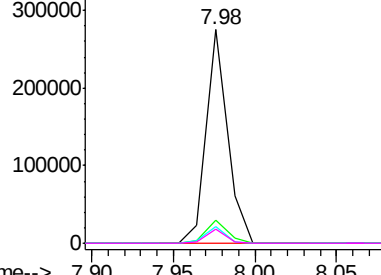
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 67.11 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

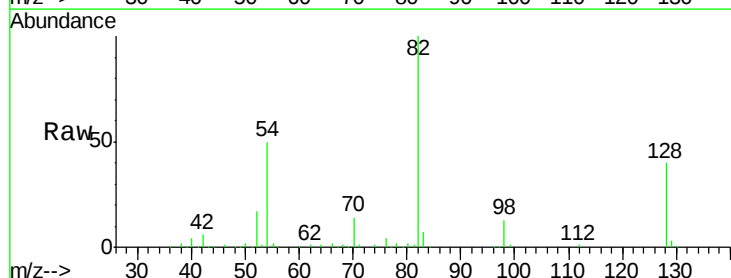
Tgt Ion: 82 Resp: 317529

Ion Ratio Lower Upper

82 100

128 40.1 35.9 53.9

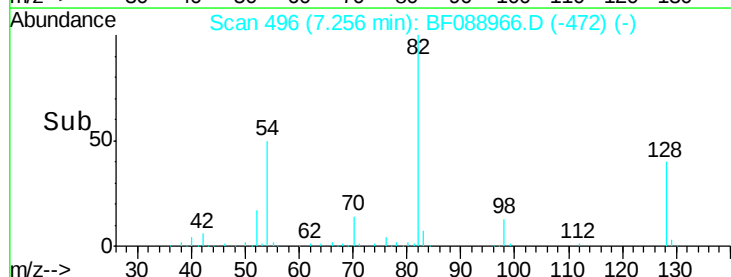
54 49.5 40.9 61.3



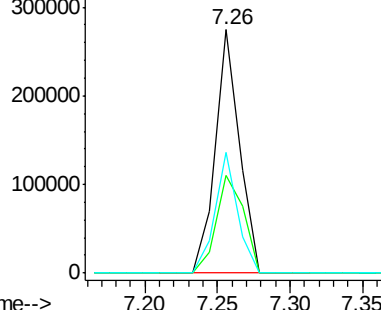
Abundance Ion 82.00 (81.70 to 82.70): BF0

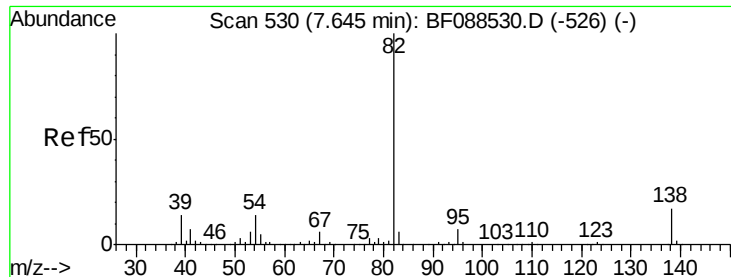
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 30.70 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.29 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

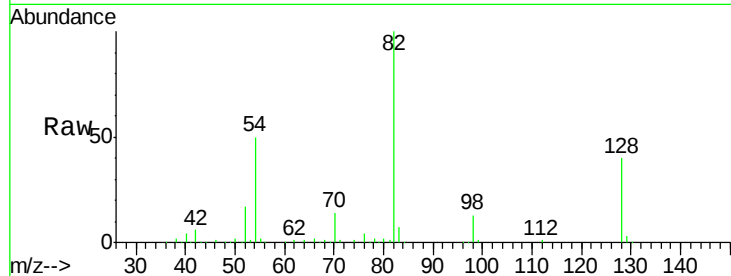
Tgt Ion: 82 Resp: 269019

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

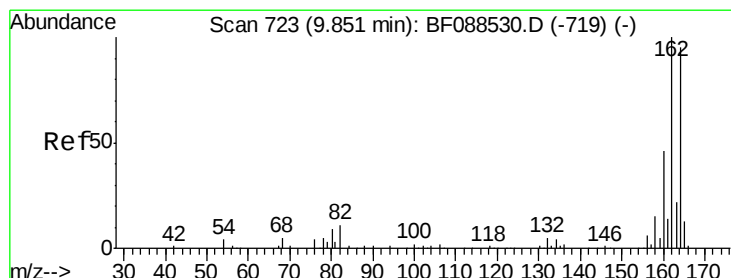
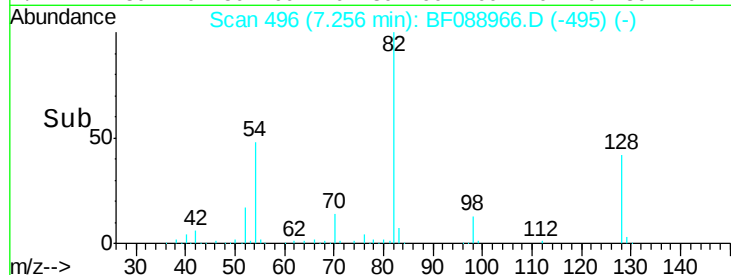
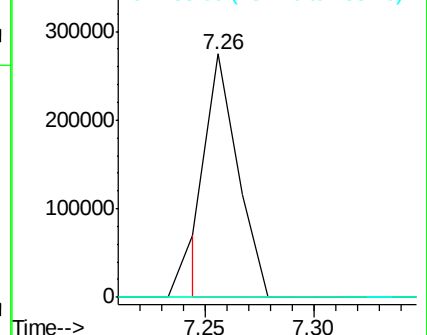
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

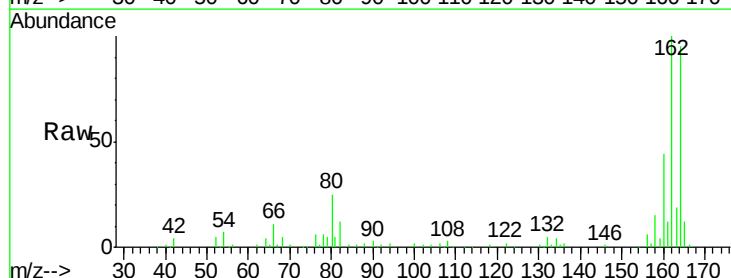
Tgt Ion: 164 Resp: 108109

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

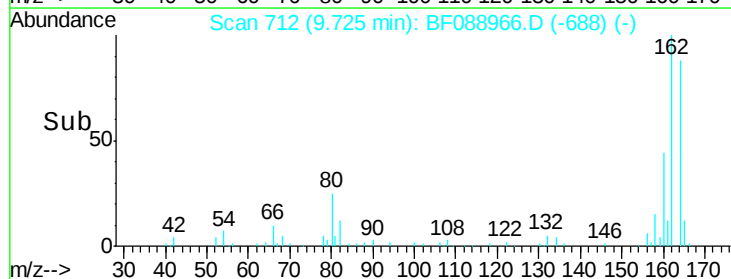
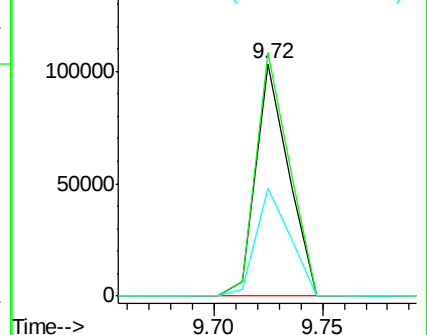
160 46.6 39.5 59.3



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

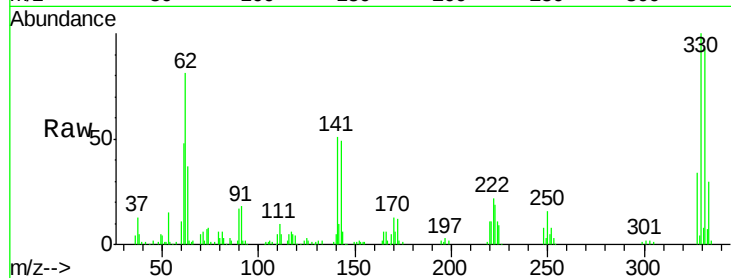




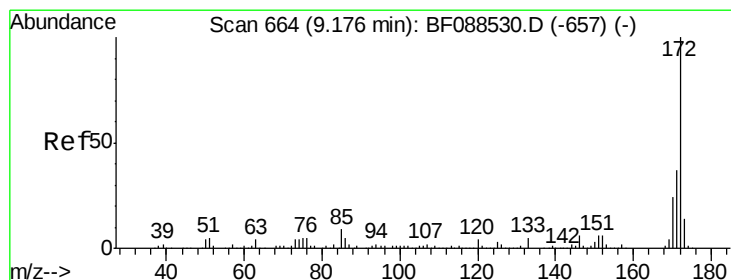
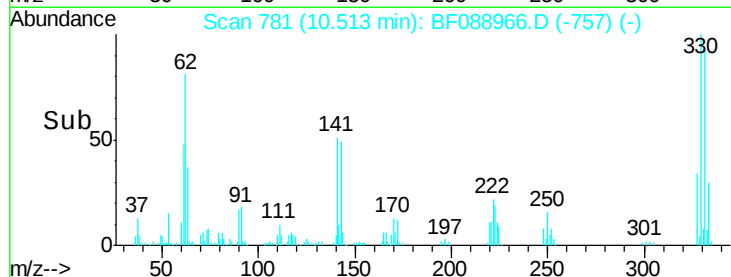
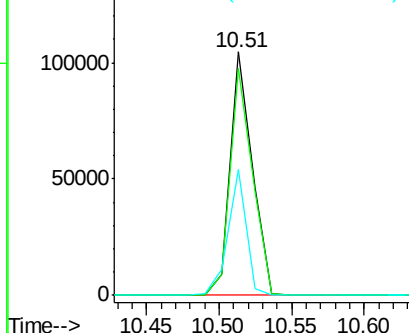
#41
 2,4,6-Tribromophenol
 Concen: 110.44 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 WPG(15-20)SP-C

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	110868		
332	94.3	0.0	0.0	0.0
141	42.7	0.0	0.0	0.0

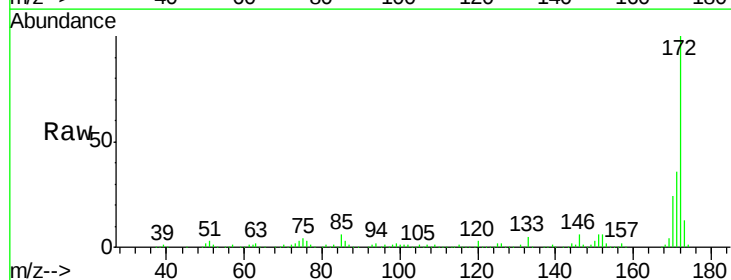


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

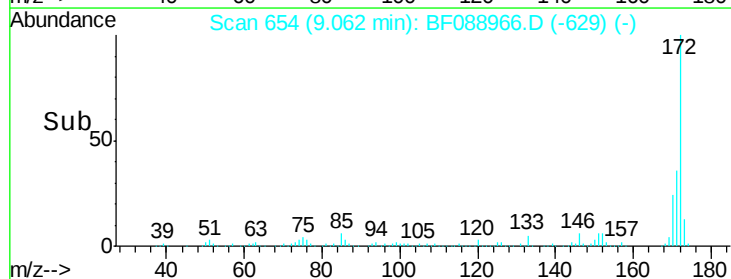
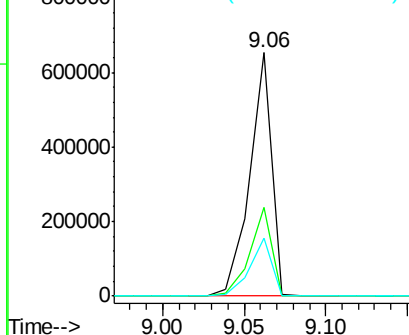


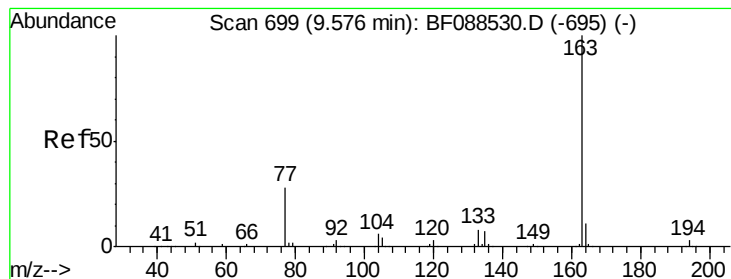
#44
 2-Fluorobiphenyl
 Concen: 88.40 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	605013		
171	36.4	28.6	43.0	
170	24.0	19.2	28.8	



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: 8.94 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

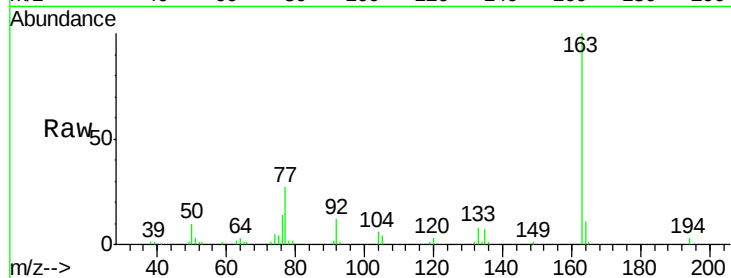
Tgt Ion:163 Resp: 68863

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

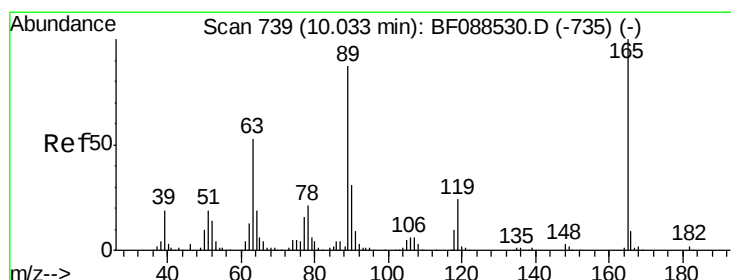
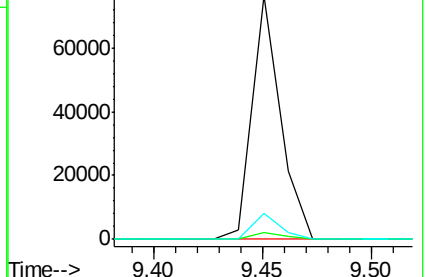
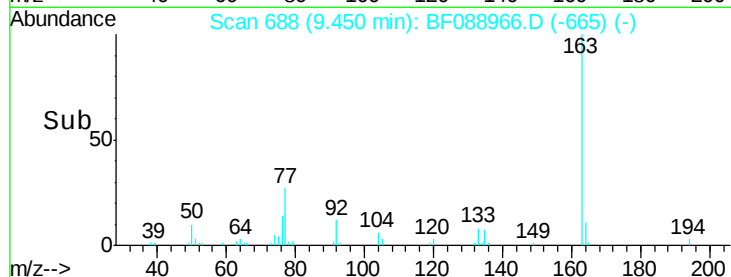
164 10.5 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.09 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

Tgt Ion:165 Resp: 13590

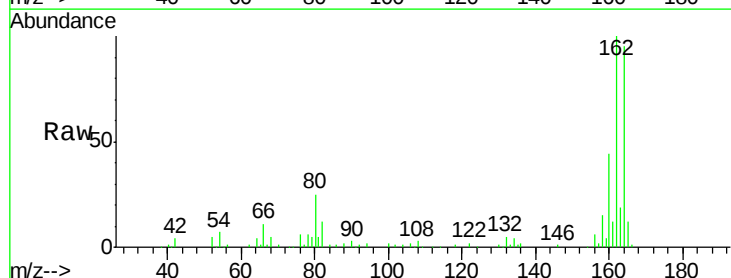
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

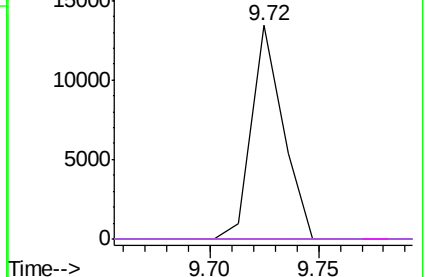
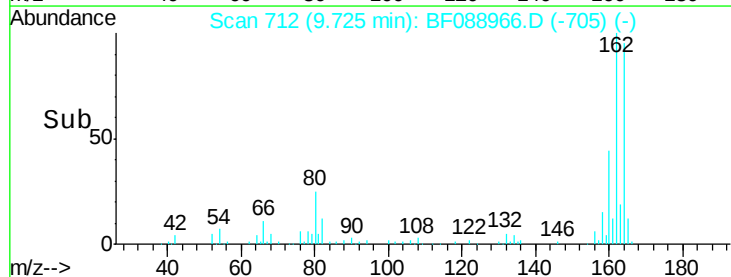


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

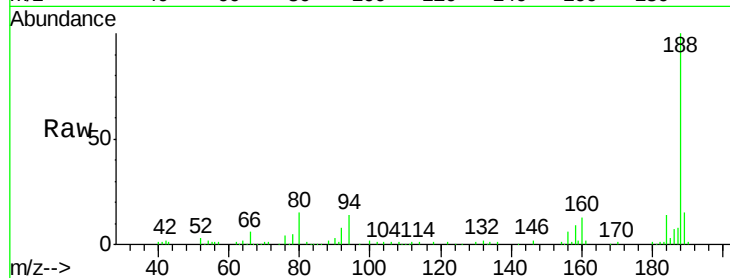




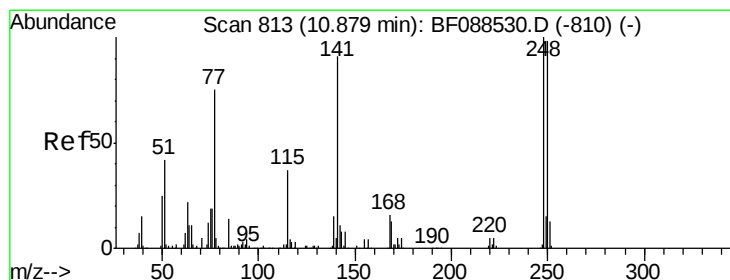
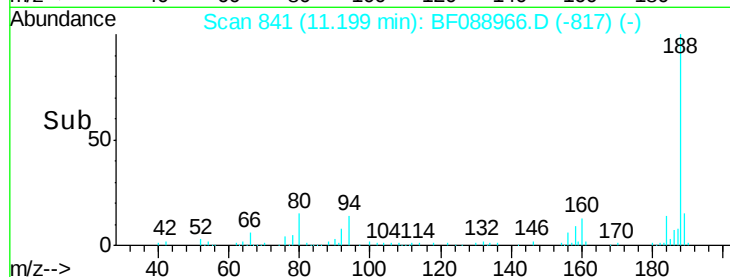
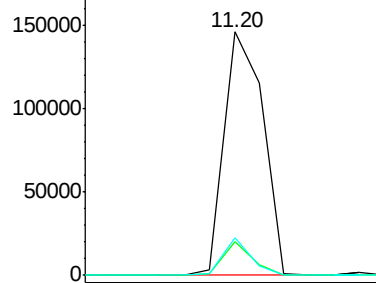
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088966.D
Acq: 13 Jul 2016 19:10

Instrument :
BNA_F
ClientSampleId :
WPG(15-20)SP-C

Tgt Ion:188 Resp: 182134
Ion Ratio Lower Upper
188 100
94 13.6 9.0 13.6#
80 15.4 10.0 15.0#

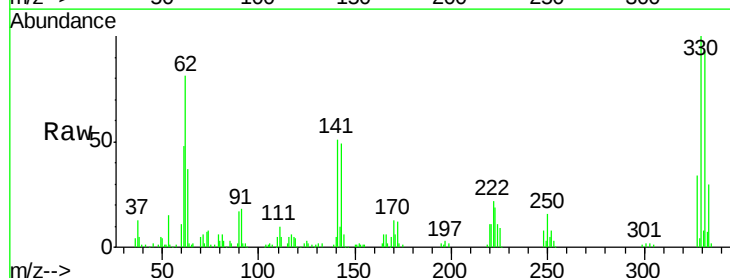


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

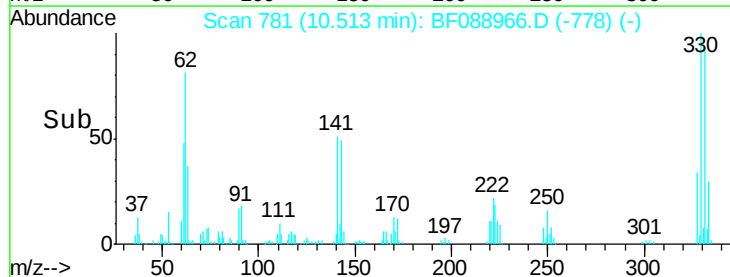
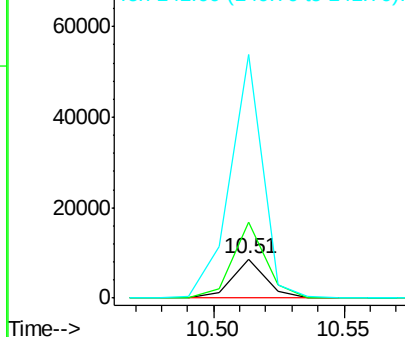


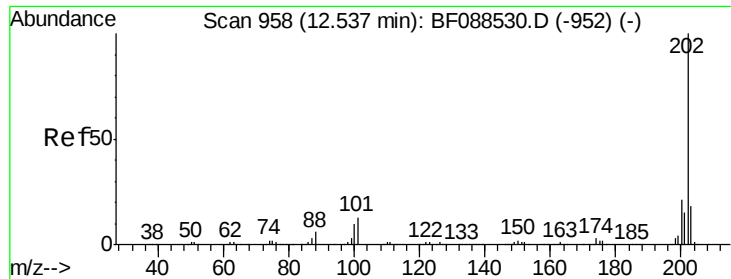
#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088966.D
Acq: 13 Jul 2016 19:10

Tgt Ion:248 Resp: 7800
Ion Ratio Lower Upper
248 100
250 193.1 77.1 115.7#
141 619.4 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

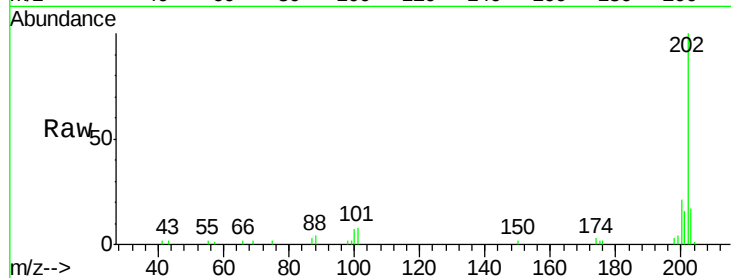




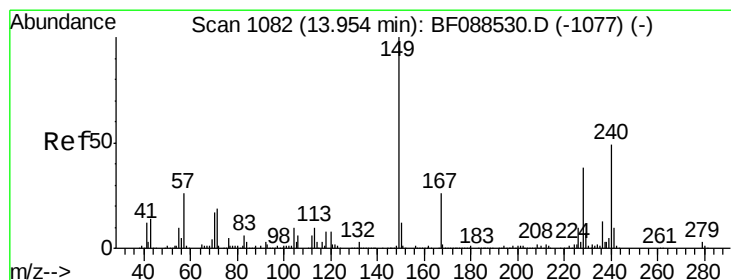
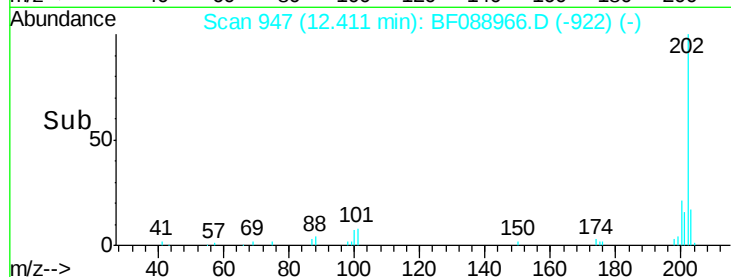
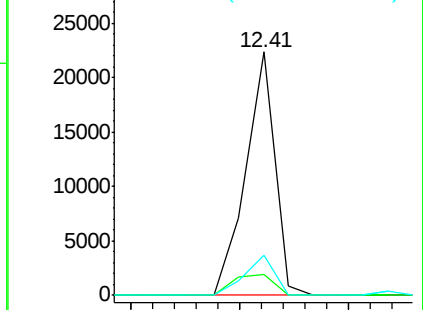
#74
Fluoranthene
 Concen: 2.06 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 WPG(15-20)SP-C

Tgt Ion: 202 Resp: 20798
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 33.1
 203 16.7 0.0 38.1

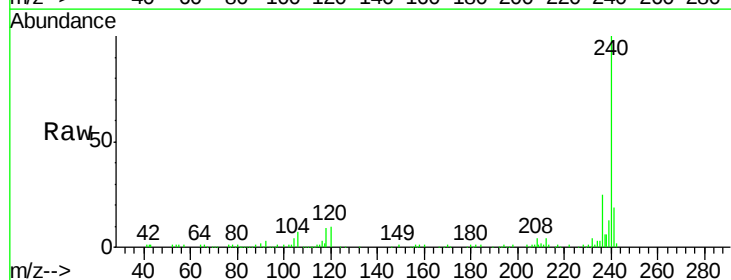


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

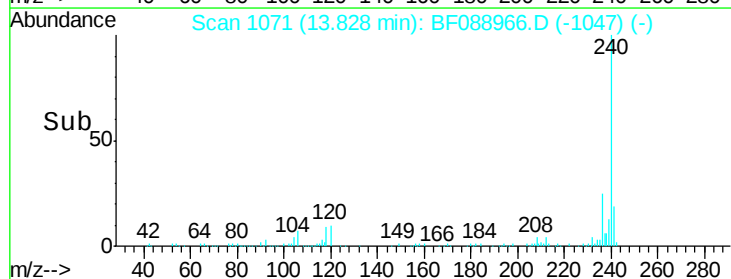
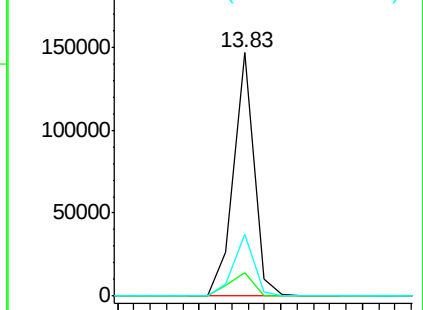


#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Tgt Ion: 240 Resp: 126694
 Ion Ratio Lower Upper
 240 100
 120 9.6 6.8 10.2
 236 25.4 20.2 30.2



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

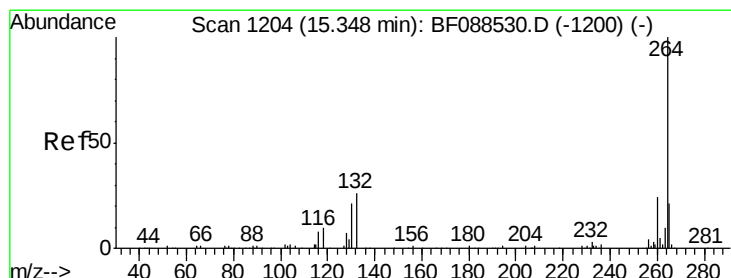
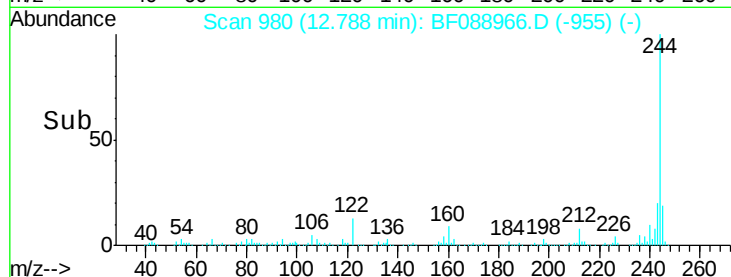
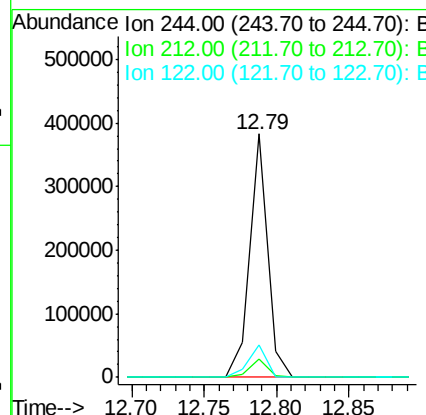
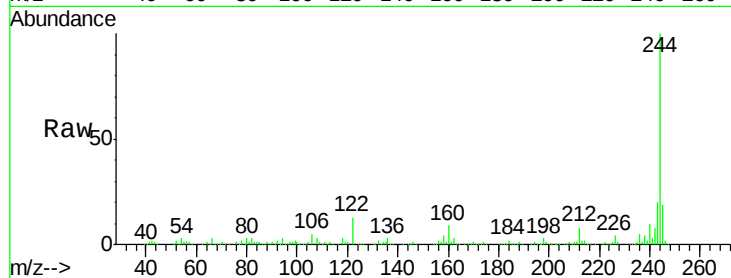




#78
 Terphenyl-d14
 Concen: 57.89 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 WPG(15-20)SP-C

Tgt Ion:244 Resp: 329291
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Tgt Ion:264 Resp: 128830
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 16.9 25.3

