

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 01:36:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:23:58 2016
 Response via : Initial Calibration

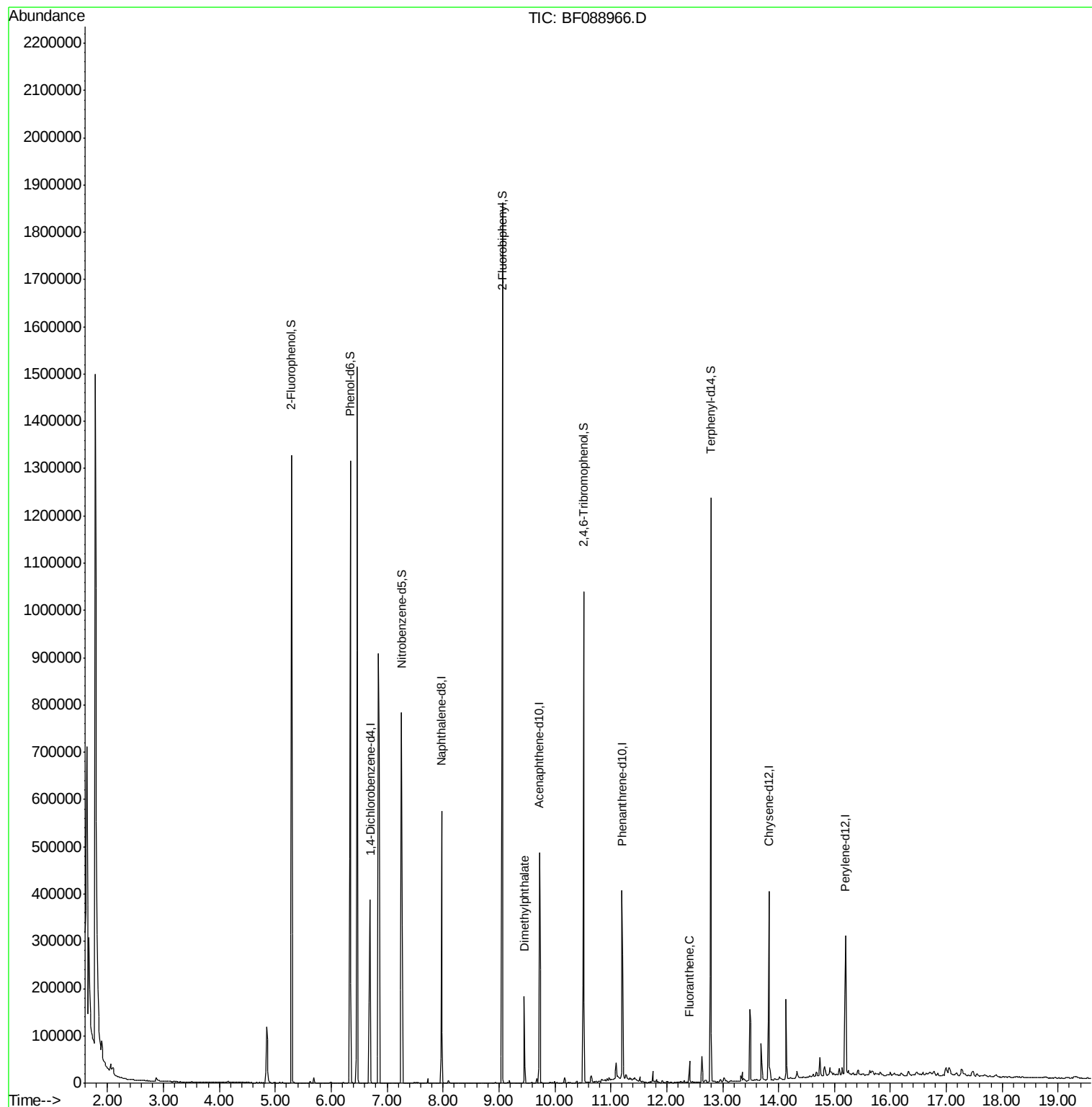
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	65456	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	247945	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	108109	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	182134	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	126694	20.00	ng	-0.01
86) Perylene-d12	15.20	264	128830	20.00	ng	0.00
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	-0.01
41) 2,4,6-Tribromophenol	10.51	330	110868	110.44	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	605013	88.40	ng	0.00
78) Terphenyl-d14	12.79	244	329291	57.89	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	68863	8.94	ng	99
74) Fluoranthene	12.41	202	20798	2.06	ng	93

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

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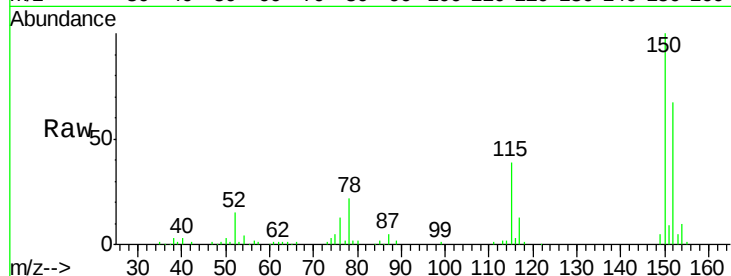


#1

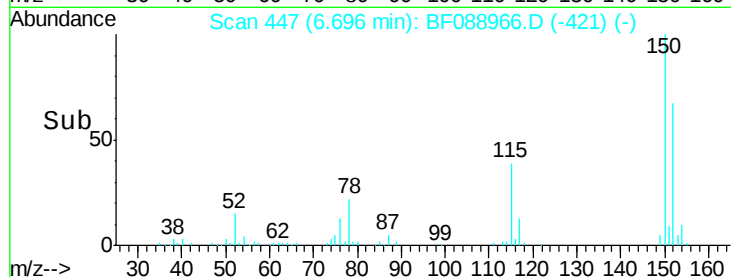
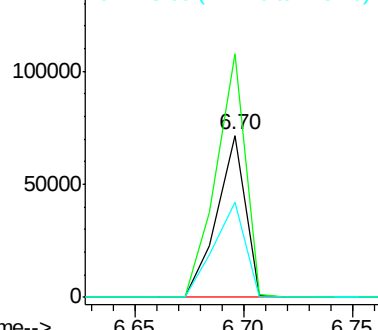
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088966.D
Acq: 13 Jul 2016 19:10

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	123.8	185.6
115	58.6	39.6	59.4



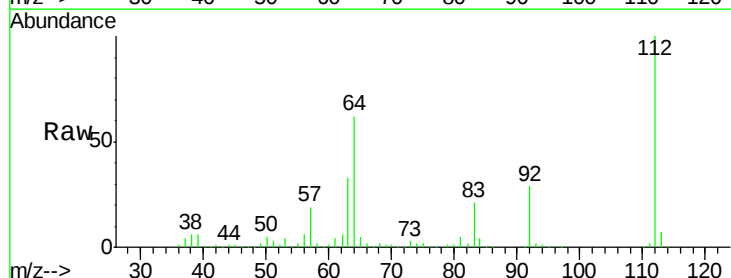
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



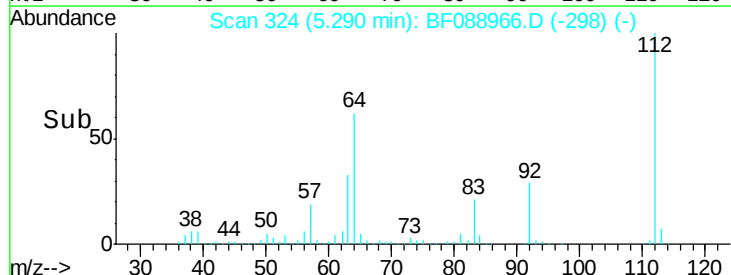
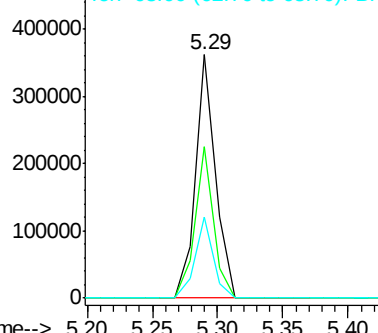
#5

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	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

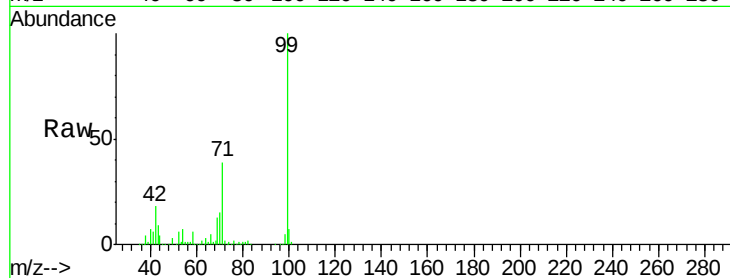
Tot Ion: 99 Resp: 498554

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

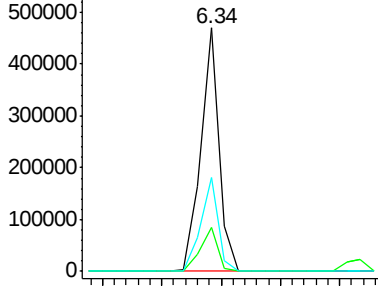
71 38.7 23.4 35.0#



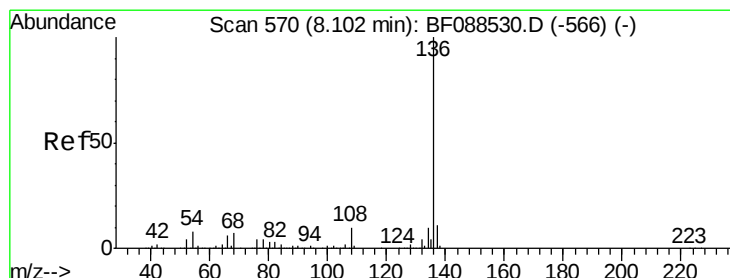
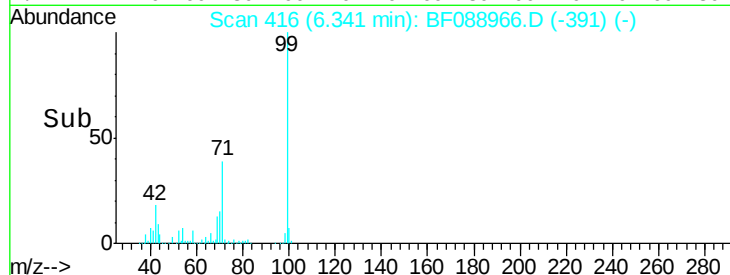
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

Tgt Ion: 136 Resp: 247945

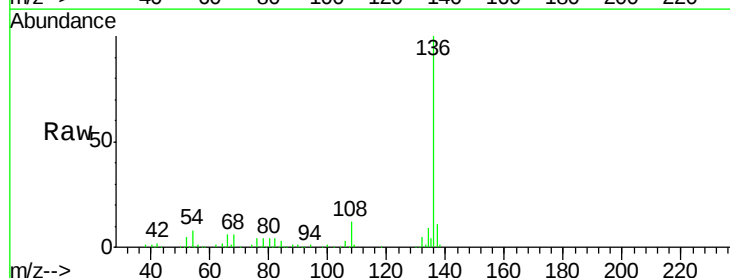
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.4 5.1 7.7

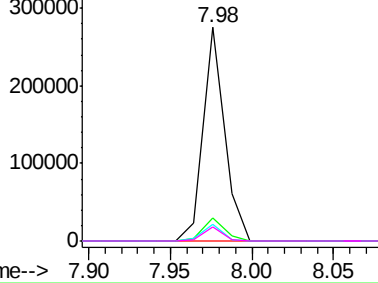


Abundance Ion 136.00 (135.70 to 136.70): E

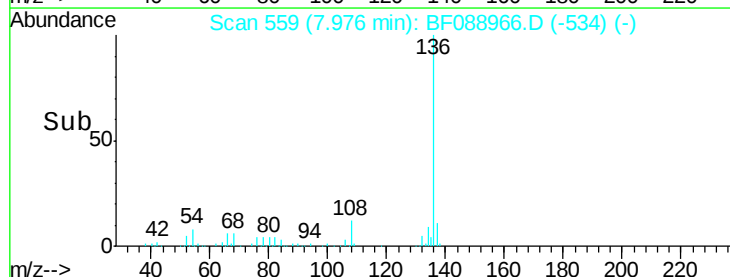
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

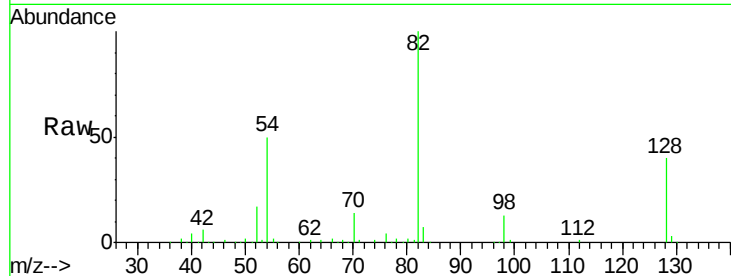




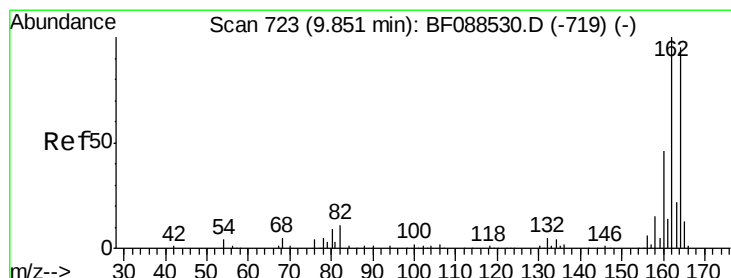
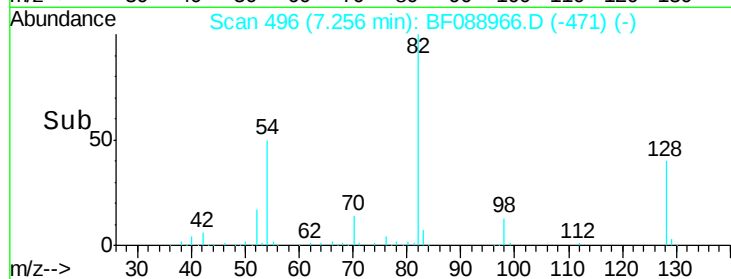
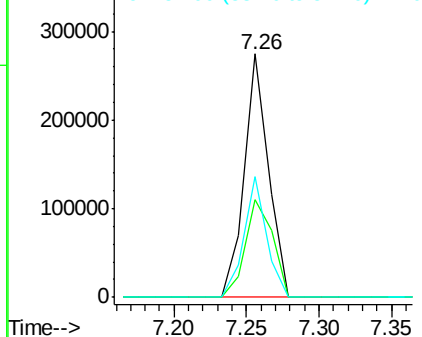
#23
 Nitrobenzene-d5
 Concen: 67.11 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

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

Tot Ion	82	Resp	317529
Ion Ratio	Lower	Upper	
82	100		
128	40.1	35.9	53.9
54	49.5	40.9	61.3

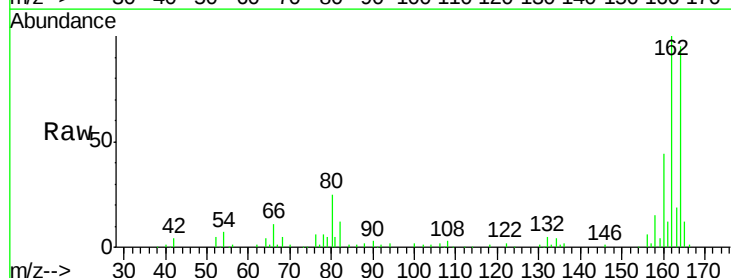


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

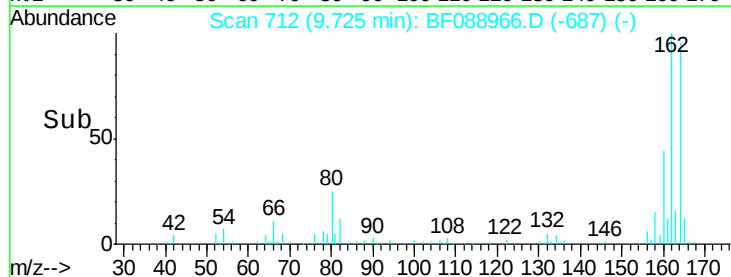
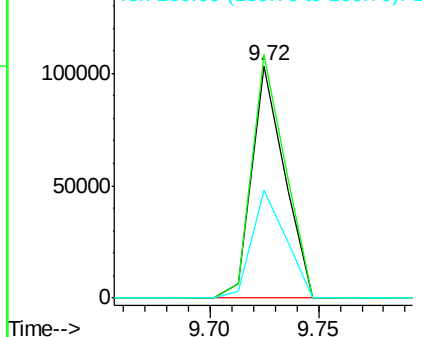


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

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

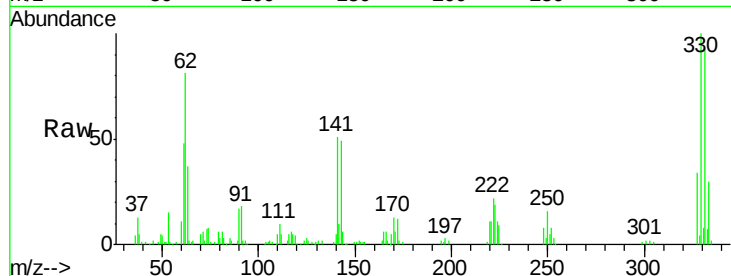




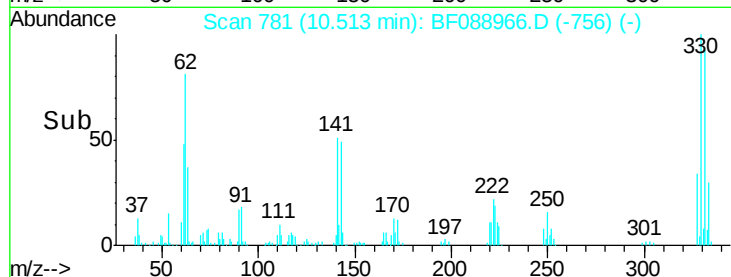
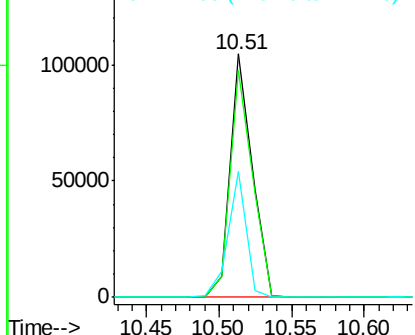
#41
 2,4,6-Tribromophenol
 Concen: 110.44 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	0.0	0.0#
141	42.7	0.0	0.0#

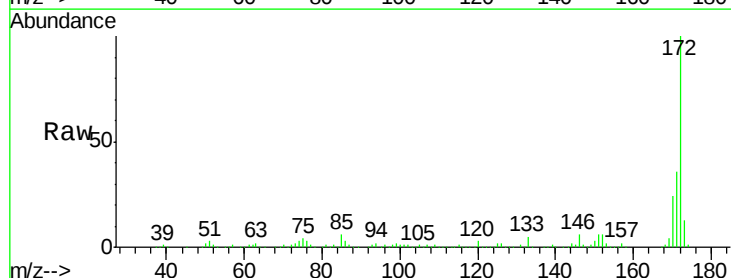


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

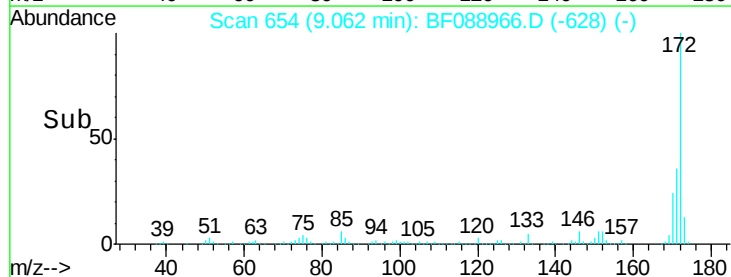
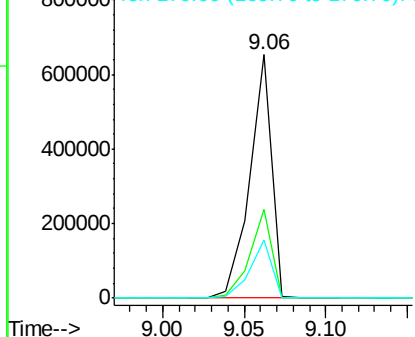


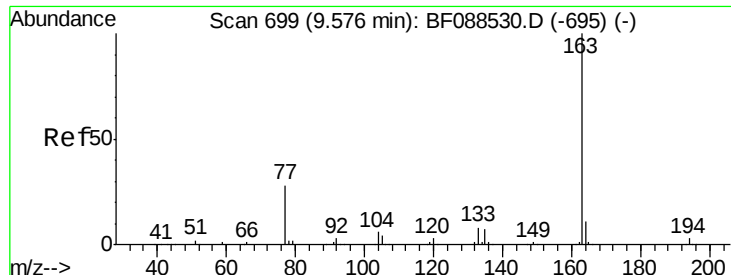
#44
 2-Fluorobiphenyl
 Concen: 88.40 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
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. -0.02 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_F

ClientSampleId :

WPG(15-20)SP-C

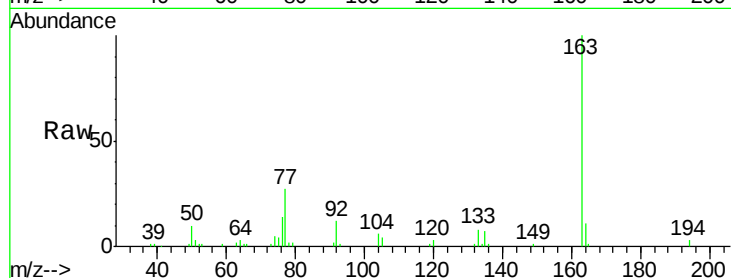
Tot Ion:163 Resp: 68863

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

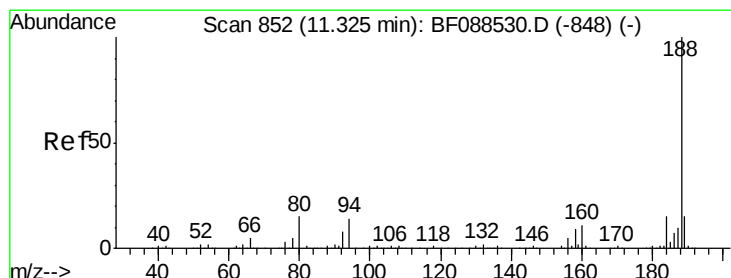
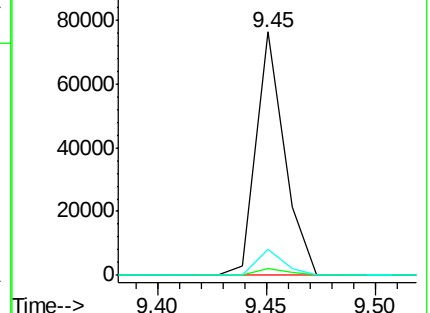
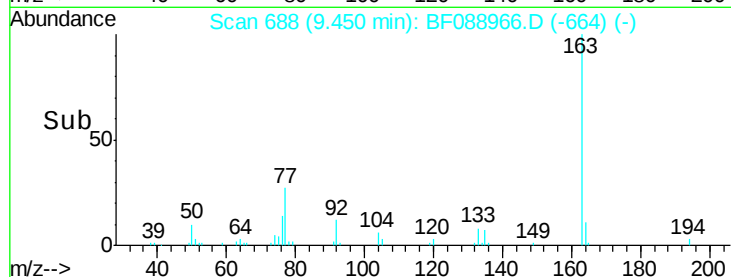
164 10.5 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

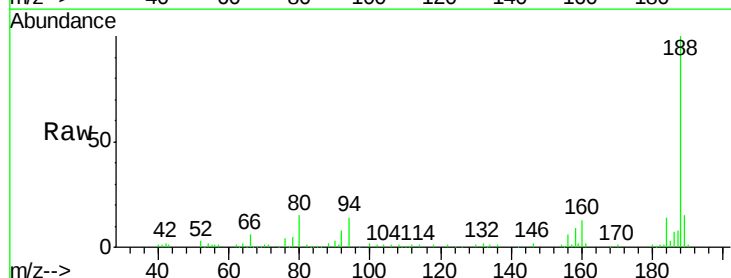
Tgt Ion:188 Resp: 182134

Ion Ratio Lower Upper

188 100

94 13.6 9.0 13.6#

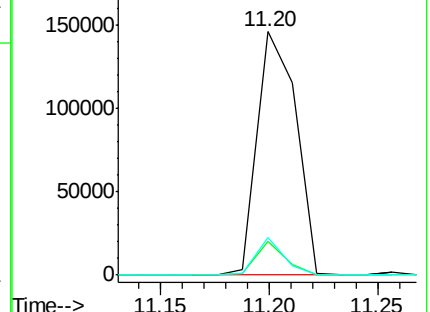
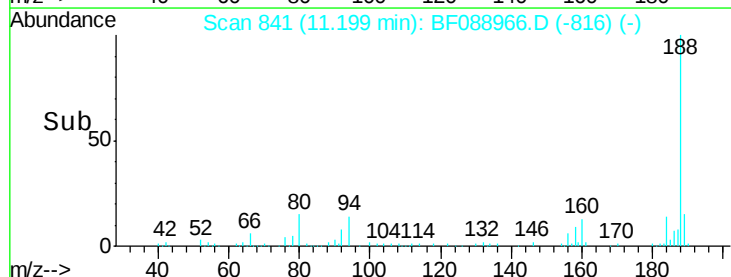
80 15.4 10.0 15.0#

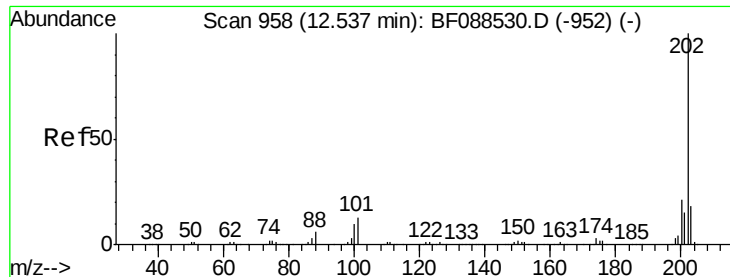


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

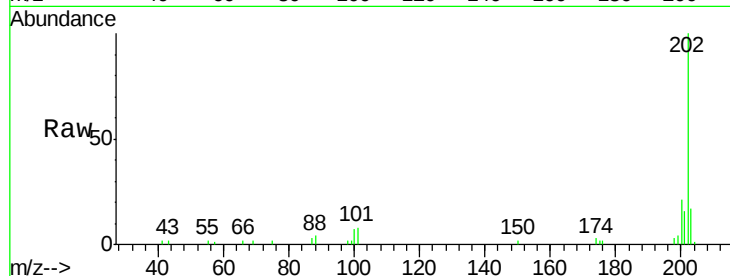




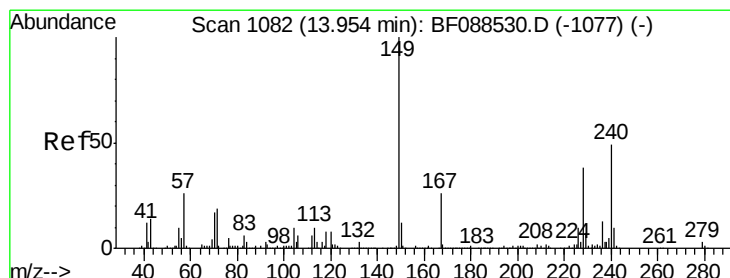
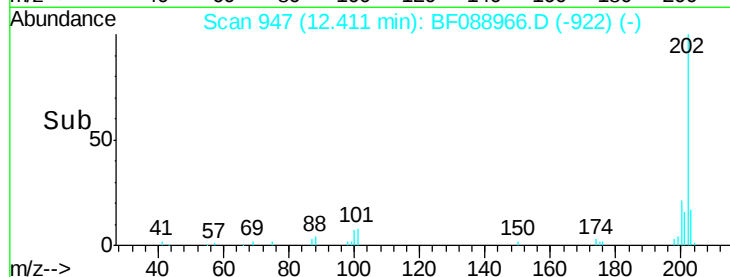
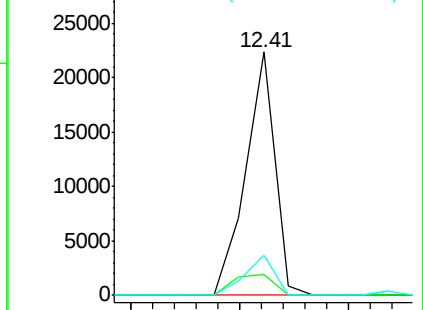
#74
Fluoranthene
 Concen: 2.06 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

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

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

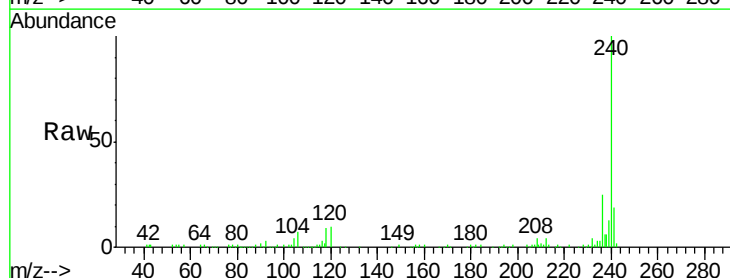


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

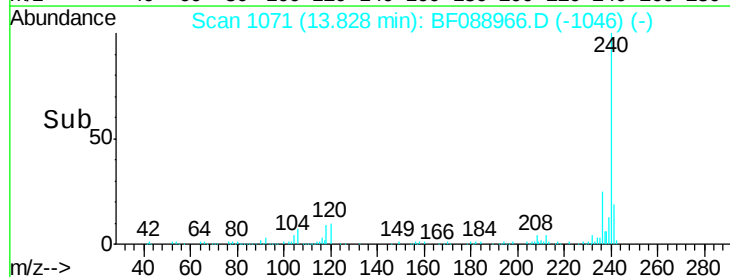
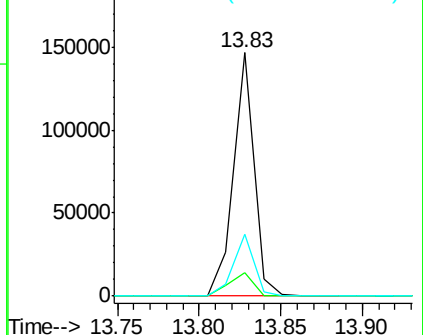


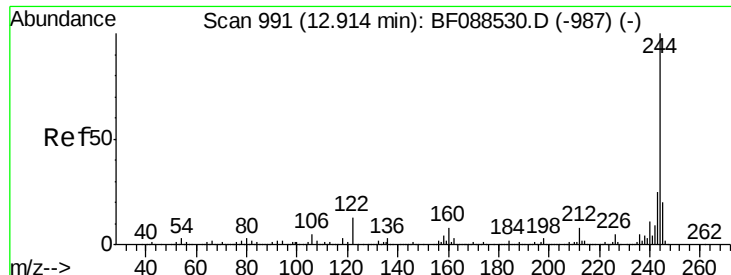
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF088966.D
 Acq: 13 Jul 2016 19:10

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

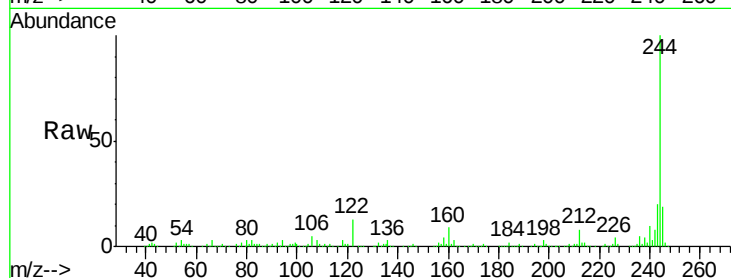
Tot Ion:244 Resp: 329291

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

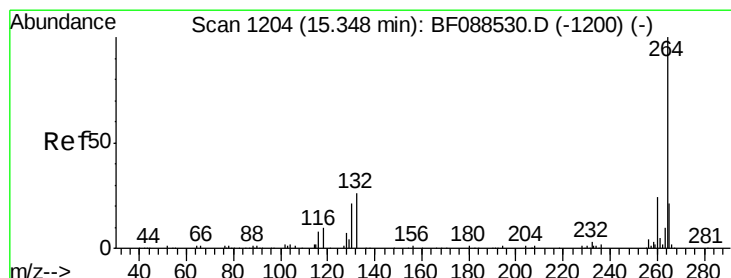
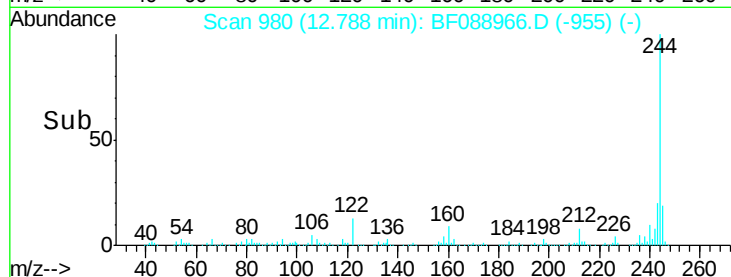
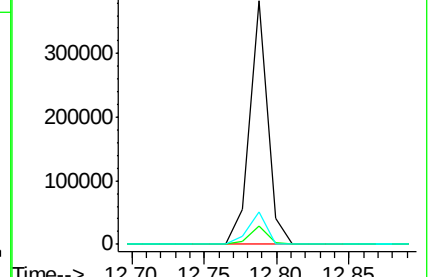
122 13.4 11.2 16.8



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

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF088966.D

Acq: 13 Jul 2016 19:10

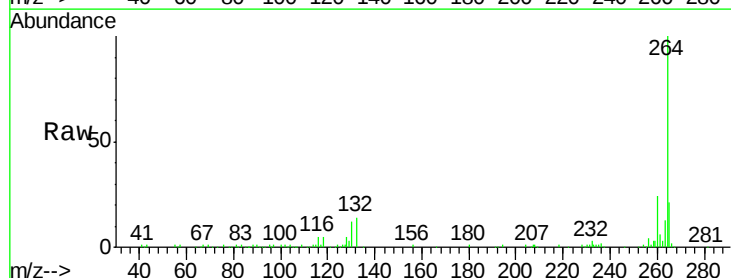
Tgt Ion:264 Resp: 128830

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.3 16.9 25.3



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

