

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086390.D
 Acq On : 23 Apr 2016 15:04
 Operator : UM/SJ
 Sample : H2640-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(0-5)-C

Manual Integrations
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Quant Time: Apr 25 11:47:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	198850	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	773661	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	314128	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	504909	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	371599	20.00	ng	-0.01
86) Perylene-d12	15.41	264	280673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1528193	132.72	ng	0.02
7) Phenol-d6	6.48	99	1777725	113.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	1207036	92.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	325833	114.59	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1885172	102.41	ng	0.00
78) Terphenyl-d14	12.95	244	1175433	78.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	315247	13.89	ng	100
70) Phenanthrene	11.38	178	92325	3.64	ng	98
74) Fluoranthene	12.58	202	122931	4.49	ng	96
77) Pyrene	12.80	202	117217	4.52	ng	99
80) Benzo(a)anthracene	13.99	228	59973	3.11	ng	# 83
82) Chrysene	14.02	228	59862m	2.75	ng	
87) Benzo(b)fluoranthene	15.00	252	62067m	4.03	ng	

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

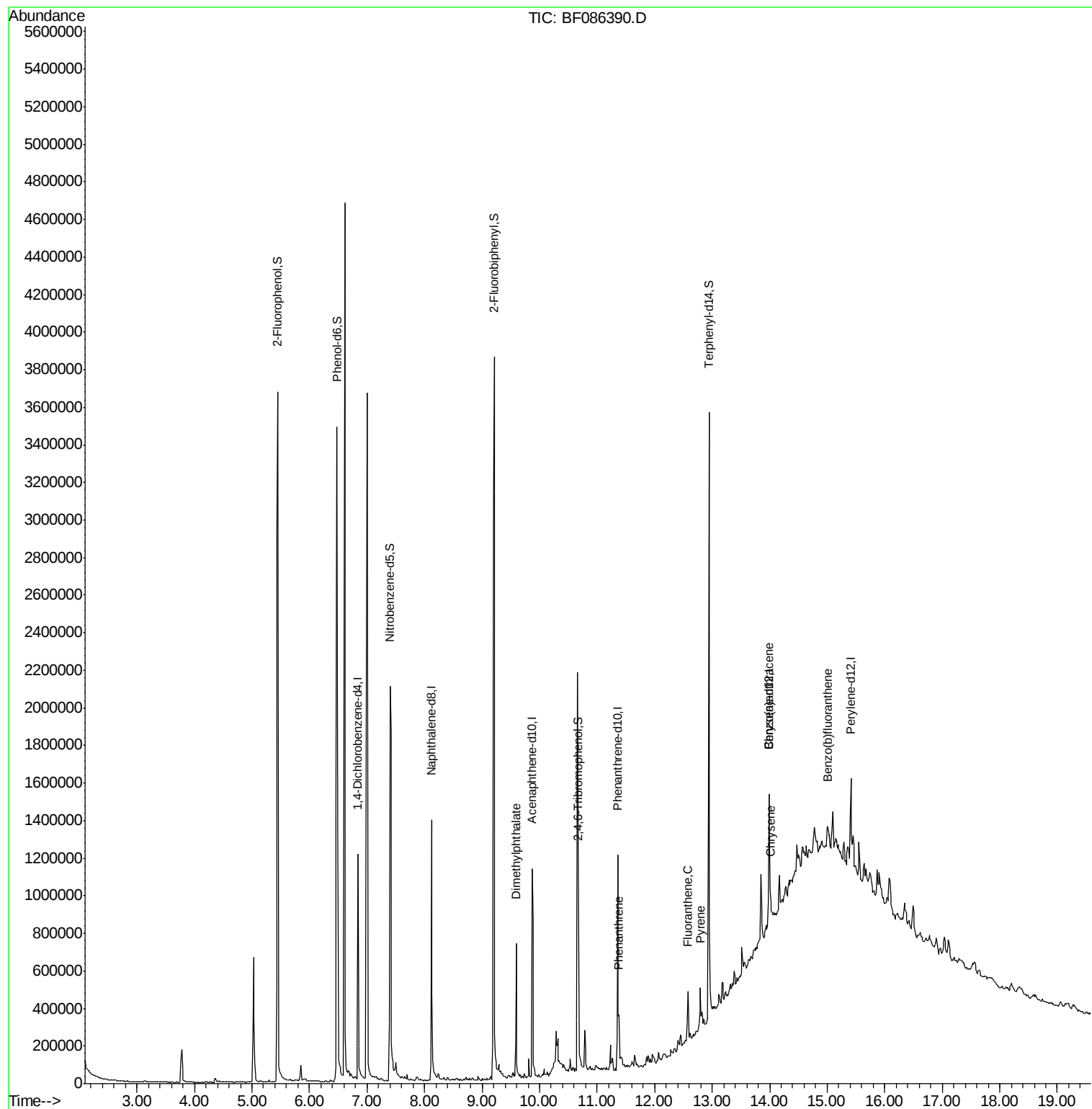
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

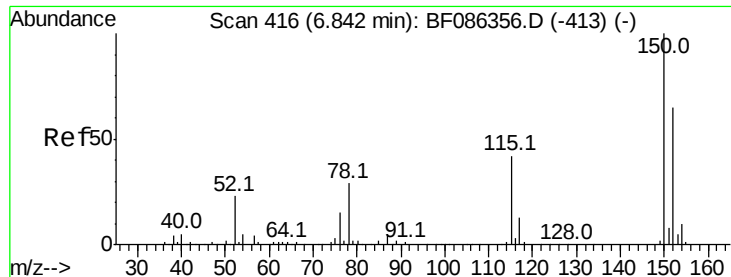
Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

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Quant Time: Apr 25 11:47:11 2016
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#1

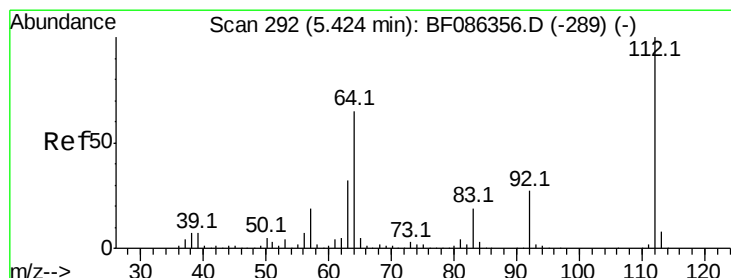
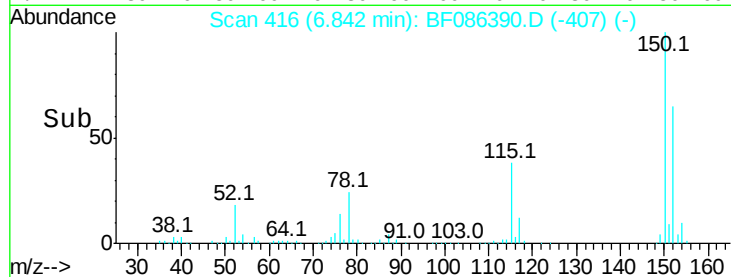
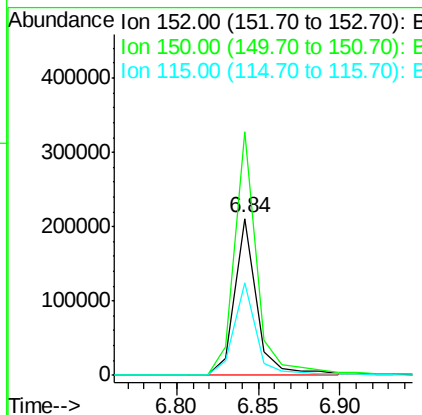
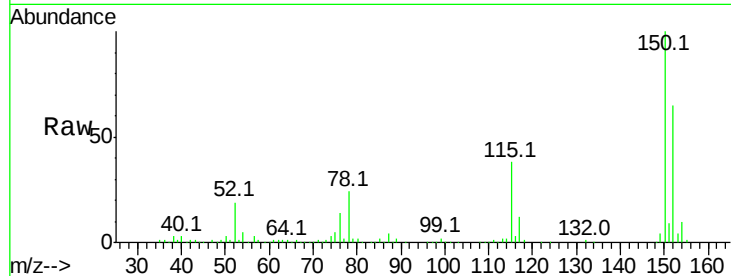
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF086390.D
 Acq: 23 Apr 2016 15:04

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
152	100	198850		
150	154.9	125.8	188.6	
115	59.2	51.5	77.3	

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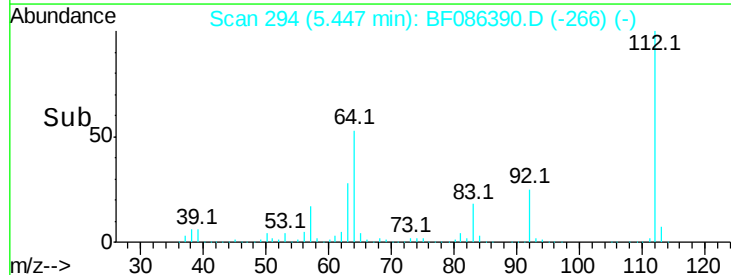
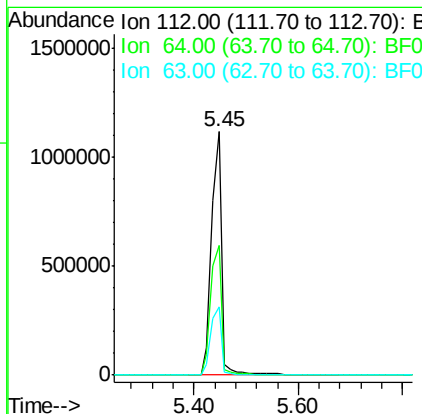
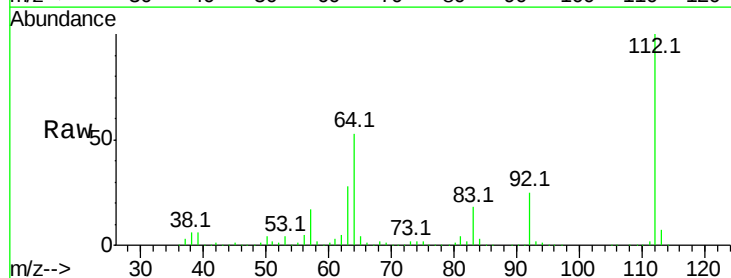
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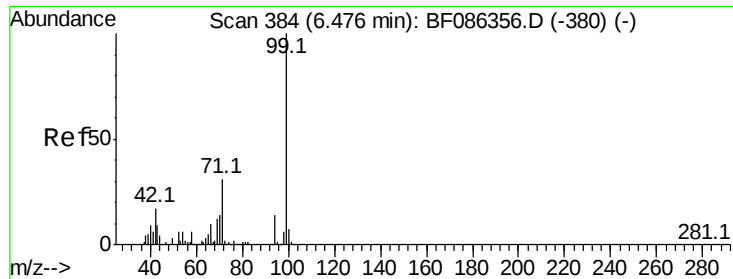


#5

2-Fluorophenol
 Concen: 132.72 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.02 min
 Lab File: BF086390.D
 Acq: 23 Apr 2016 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1528193		
64	53.1	52.1	78.1	
63	28.0	25.7	38.5	





#7

Phenol-d6

Concen: 113.57 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

Instrument :

BNA_F

ClientSampleId :

WPG-B12(0-5)-C

Tot Ion: 99 Resp: 1777725

Ion Ratio Lower Upper

99 100

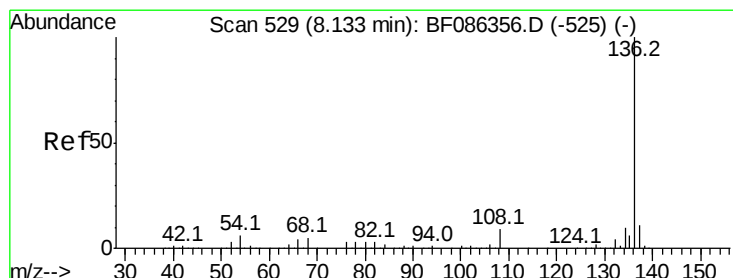
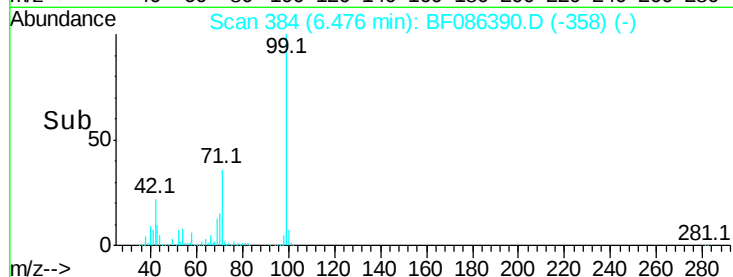
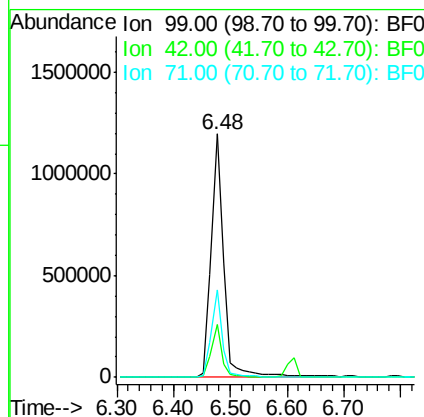
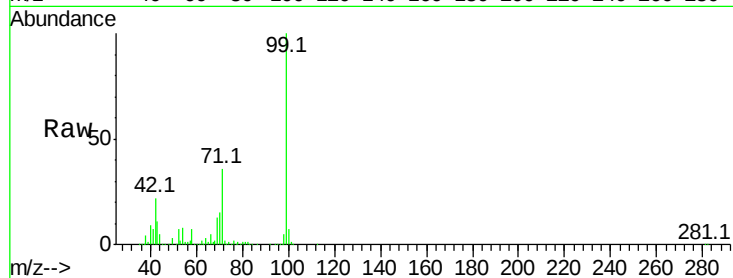
42 21.7 13.6 20.4#

71 36.0 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

Tgt Ion: 136 Resp: 773661

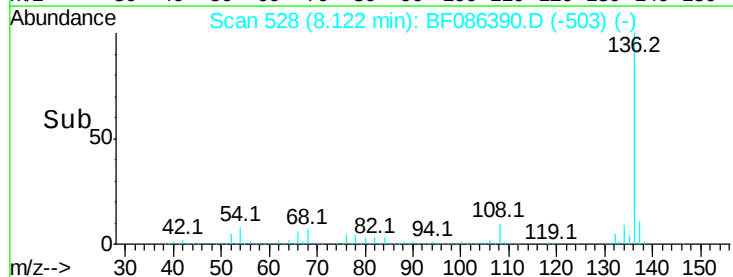
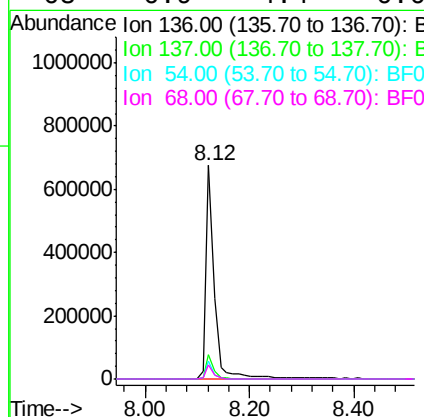
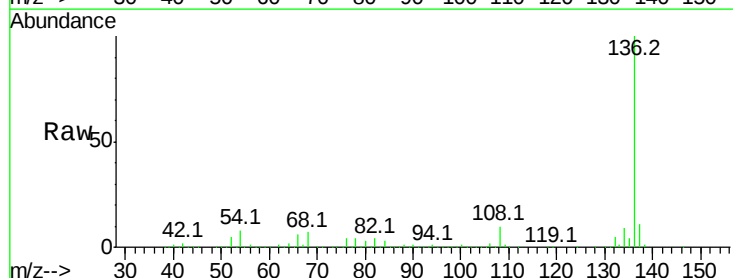
Ion Ratio Lower Upper

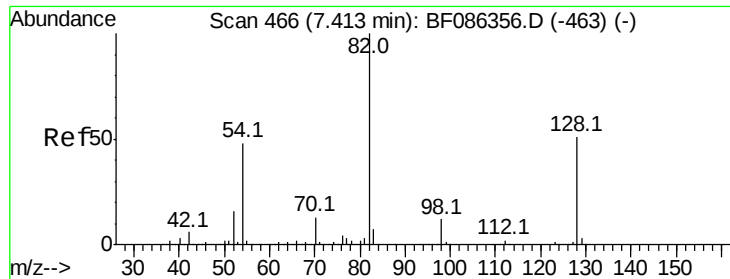
136 100

137 11.3 8.8 13.2

54 8.5 5.0 7.4#

68 6.9 4.4 6.6#





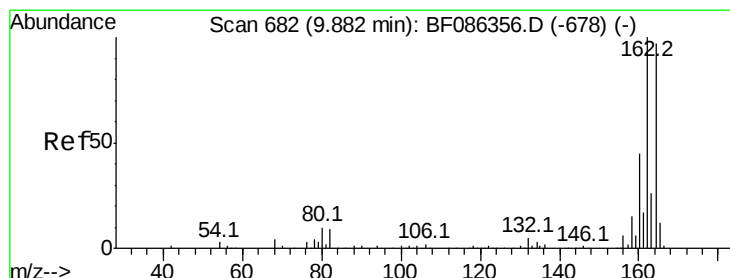
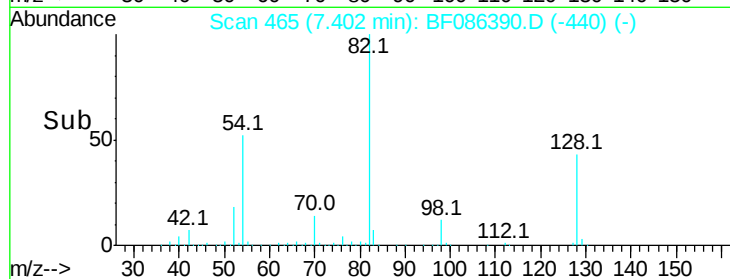
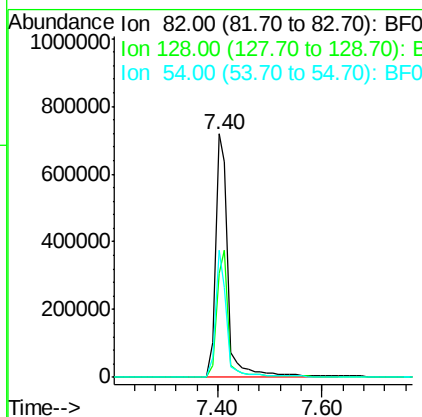
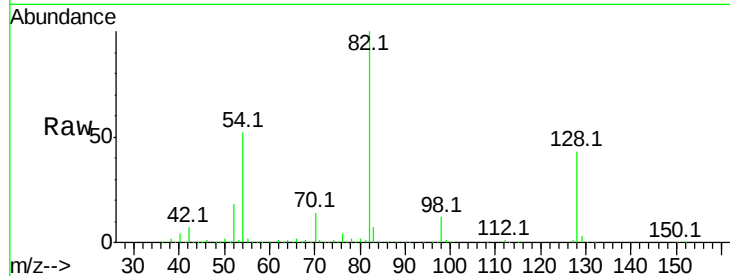
#23
 Nitrobenzene-d5
 Concen: 92.42 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086390.D
 Acq: 23 Apr 2016 15:04

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(0-5)-C

Tot Ion	82	Resp	1207036
Ion Ratio	100	Lower	Upper
128	42.6	40.6	61.0
54	52.3	38.1	57.1

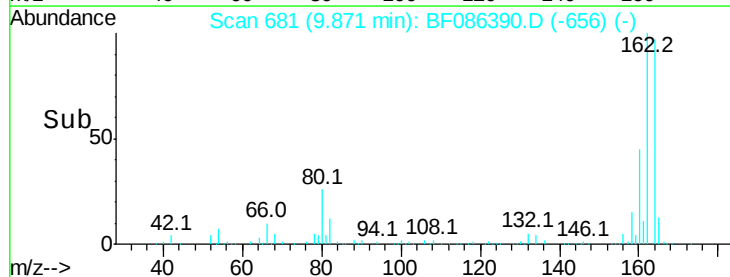
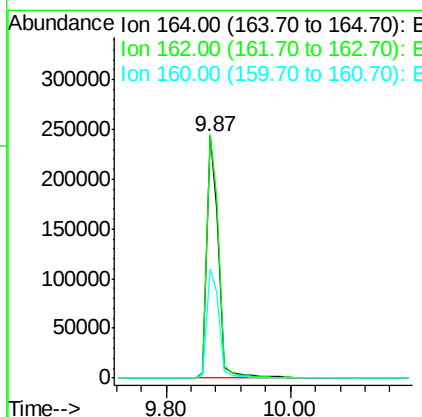
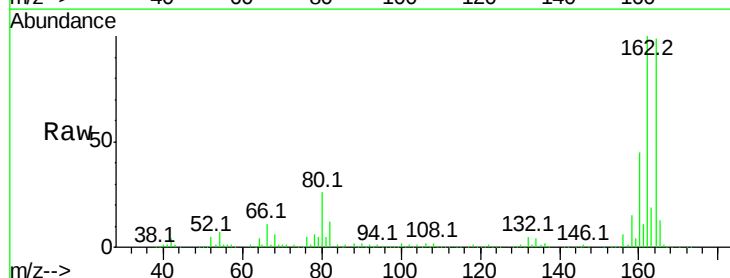
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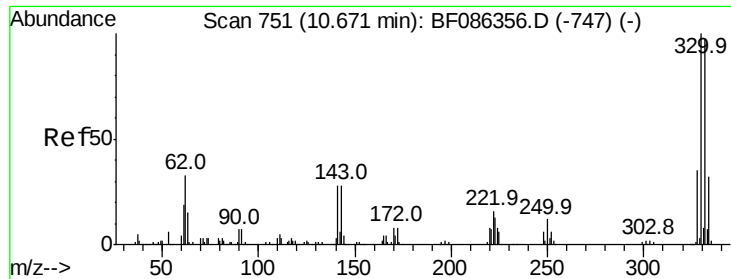
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF086390.D
 Acq: 23 Apr 2016 15:04

Tgt Ion	164	Resp	314128
Ion Ratio	100	Lower	Upper
162	100.6	82.8	124.2
160	45.3	36.9	55.3





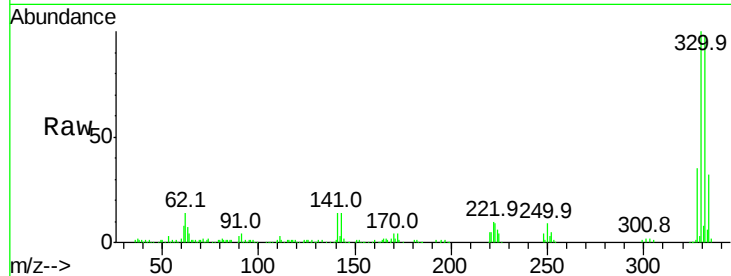
#41
 2,4,6-Tribromophenol
 Concen: 114.59 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086390.D
 Acq: 23 Apr 2016 15:04

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(0-5)-C

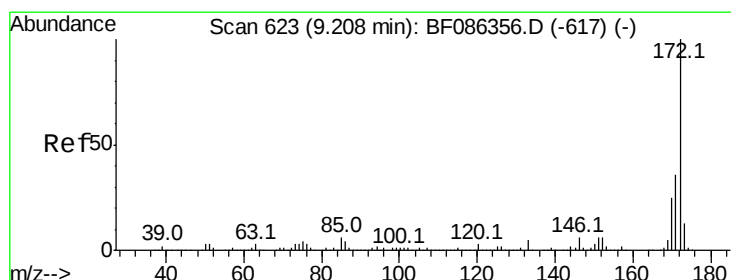
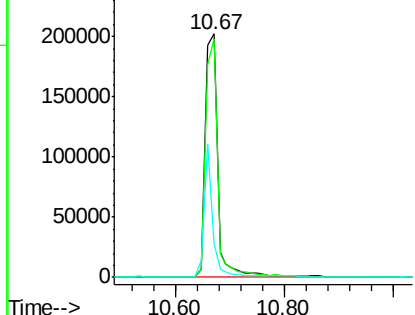
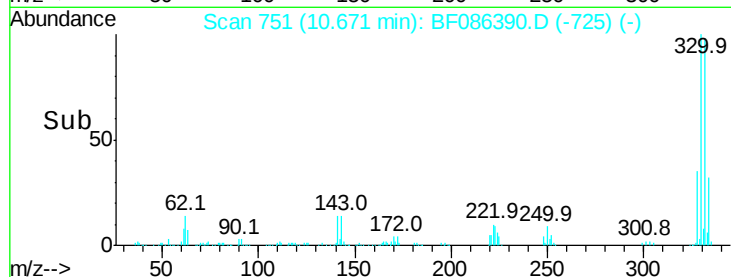
Tot Ion	Ratio	Resp	Lower	Upper
330	100	325833		
332	95.0	79.0	118.4	
141	35.8	31.2	46.8	

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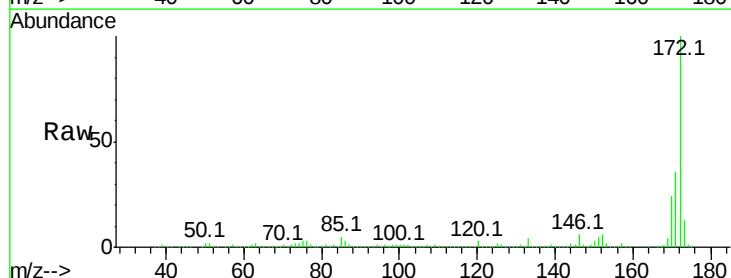


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

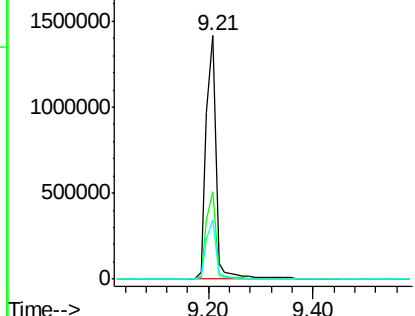
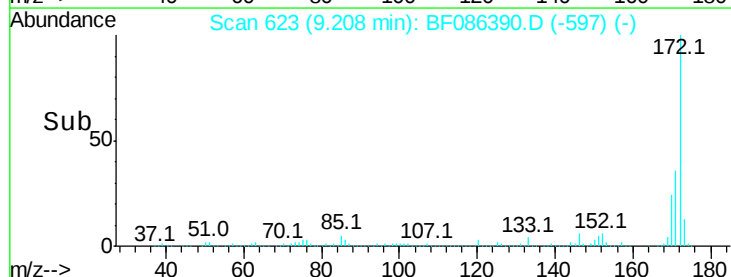


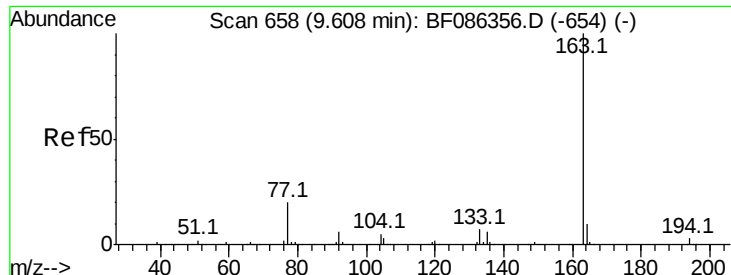
#44
 2-Fluorobiphenyl
 Concen: 102.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086390.D
 Acq: 23 Apr 2016 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1885172		
171	35.9	29.0	43.6	
170	24.4	19.8	29.8	



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





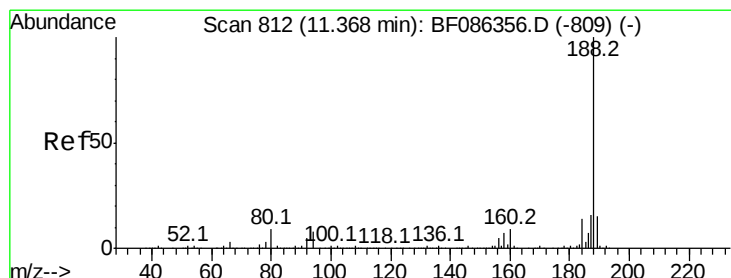
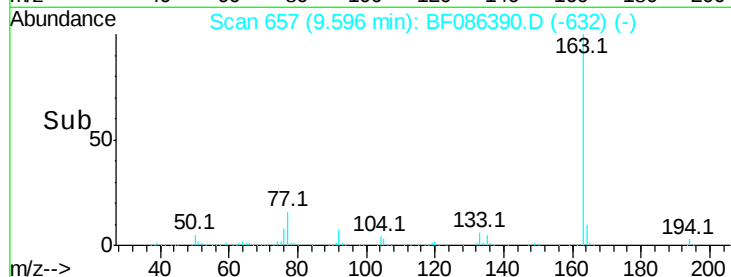
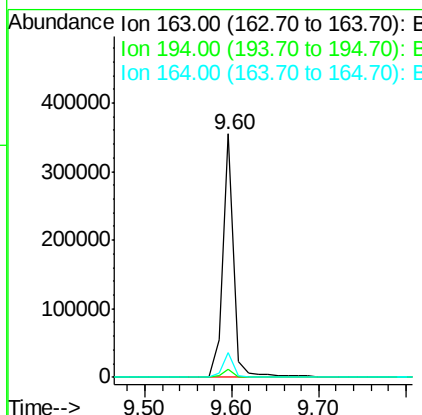
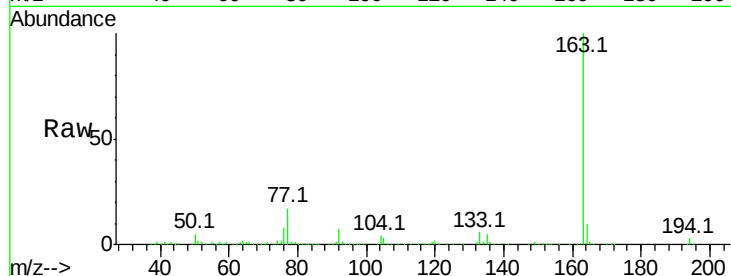
#49
Dimethylphthalate
Concen: 13.89 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086390.D
Acq: 23 Apr 2016 15:04

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	315247		
194	3.4		2.6	4.0
164	10.1		8.2	12.4

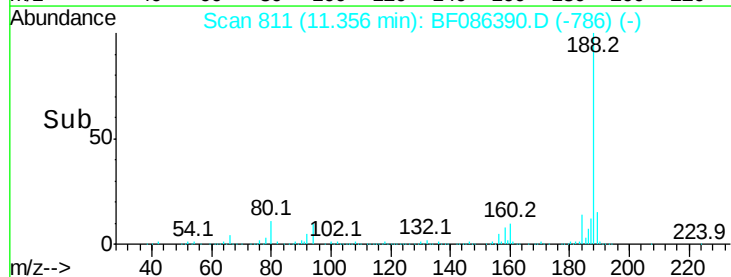
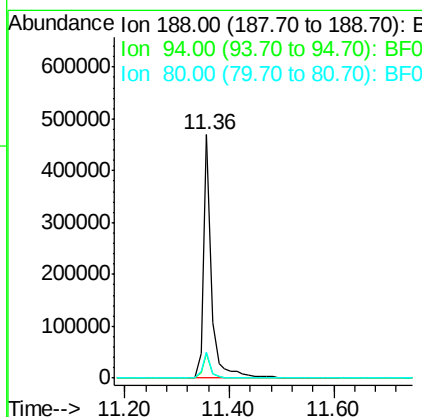
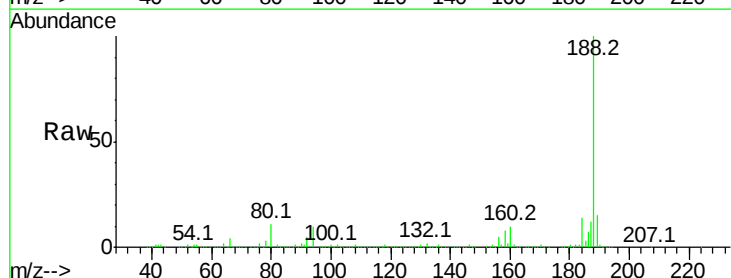
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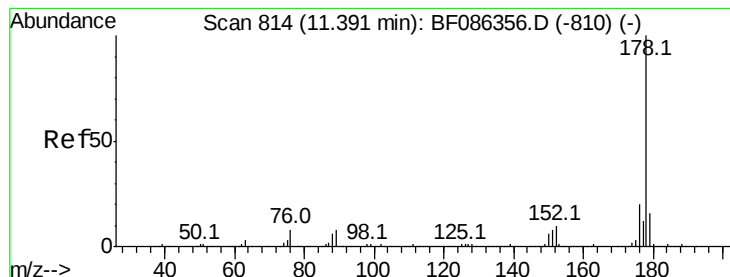
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086390.D
Acq: 23 Apr 2016 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	504909		
94	10.4		6.8	10.2#
80	10.6		7.1	10.7





#70

Phenanthrene

Concen: 3.64 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

Instrument :

BNA_F

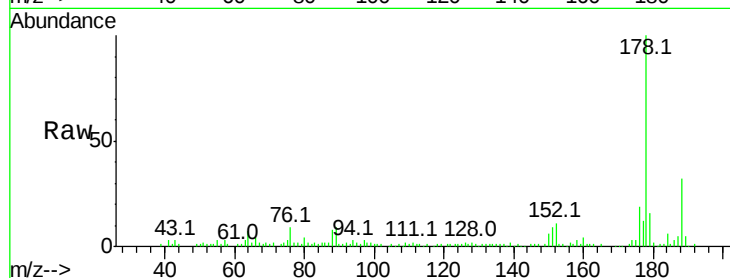
ClientSampleId :

WPG-B12(0-5)-C

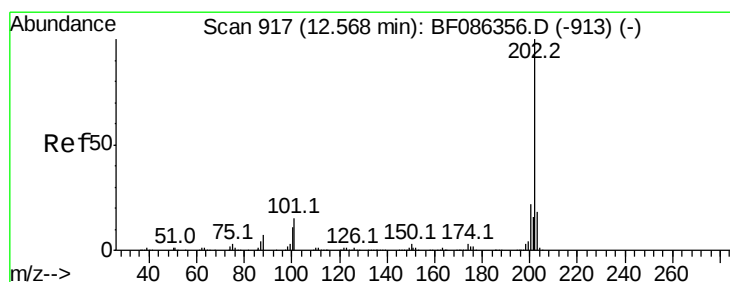
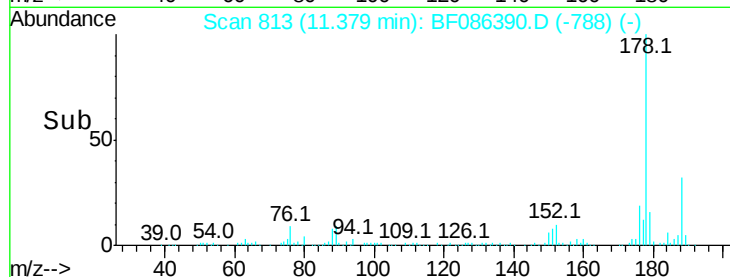
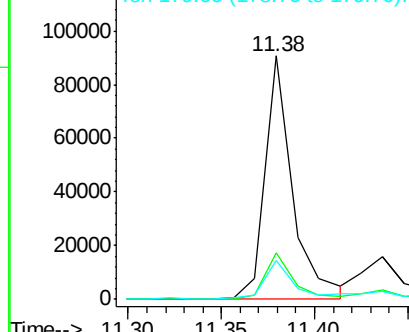
Tot Ion:178	Resp:	92325
Ion Ratio	Lower	Upper
178 100		
176 18.9	16.0	24.0
179 16.2	12.6	18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 4.49 ng

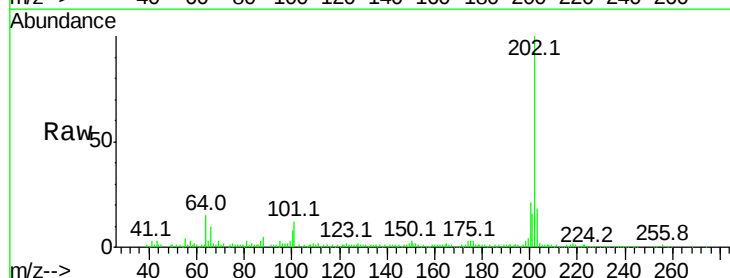
RT: 12.58 min Scan# 918

Delta R.T. 0.01 min

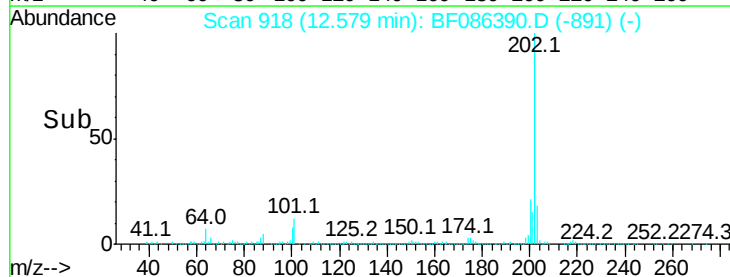
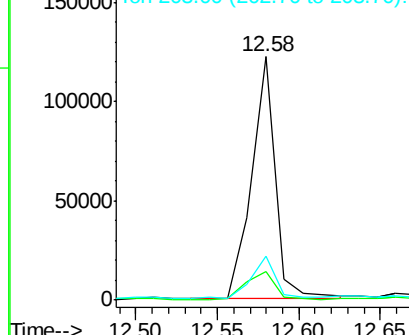
Lab File: BF086390.D

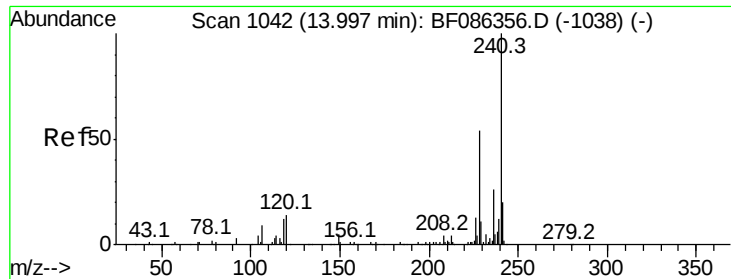
Acq: 23 Apr 2016 15:04

Tgt Ion:202	Resp:	122931
Ion Ratio	Lower	Upper
202 100		
101 11.5	0.0	35.4
203 18.1	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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

Instrument :

BNA_F

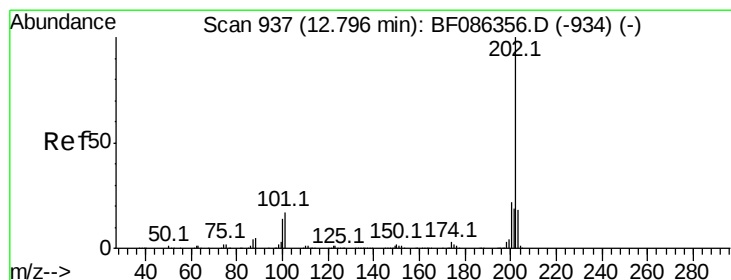
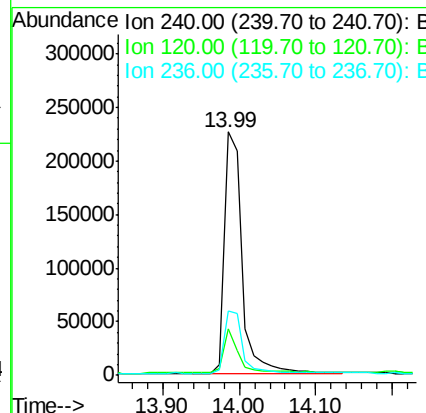
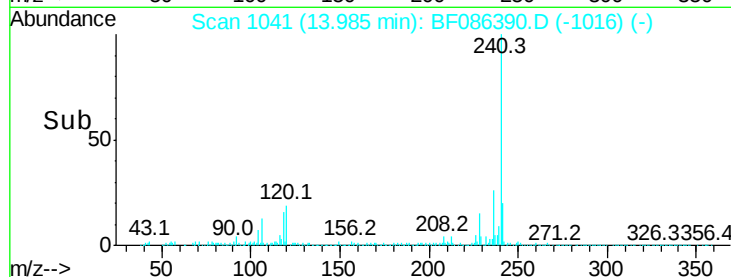
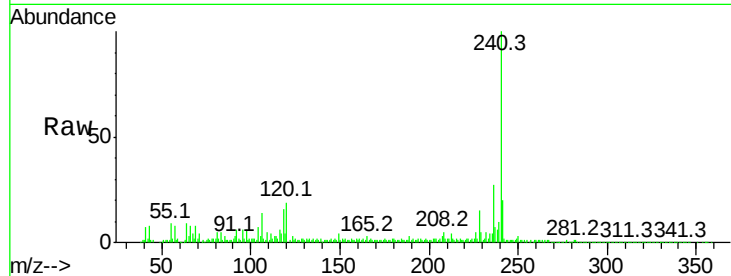
ClientSampleId :

WPG-B12(0-5)-C

Tot Ion:	240	Resp:	371599
Ion Ratio	Lower	Upper	
240	100		
120	19.4	11.2	16.8#
236	26.7	21.2	31.8

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#77

Pyrene

Concen: 4.52 ng

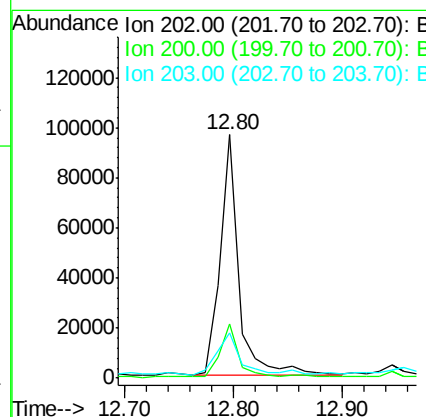
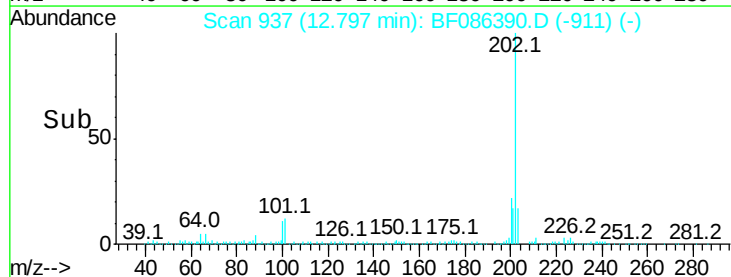
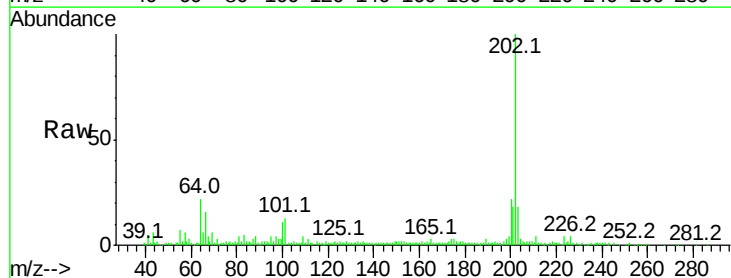
RT: 12.80 min Scan# 937

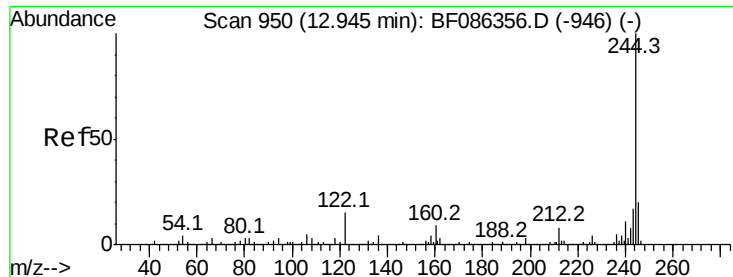
Delta R.T. 0.00 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

Tgt Ion:	202	Resp:	117217
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.7	26.5
203	18.5	14.2	21.4





#78

Terphenyl-d14

Concen: 78.59 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

Instrument :

BNA_F

ClientSampleId :

WPG-B12(0-5)-C

Tot Ion:244 Resp: 1175433

Ion Ratio Lower Upper

244 100

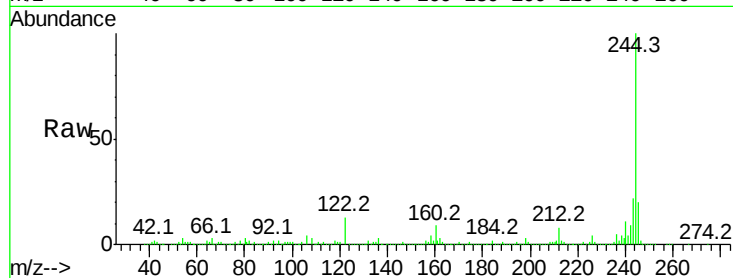
212 7.6 6.2 9.2

122 13.1 12.0 18.0

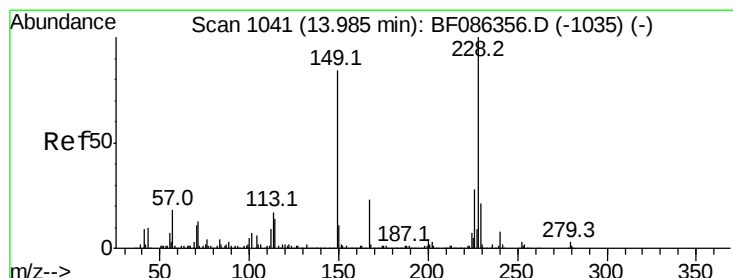
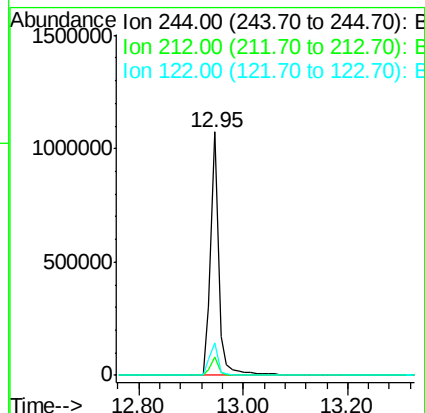
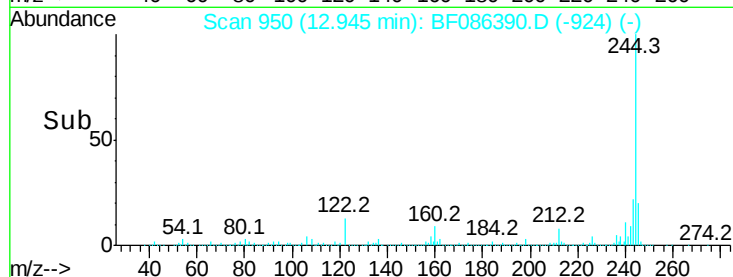
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 3.11 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

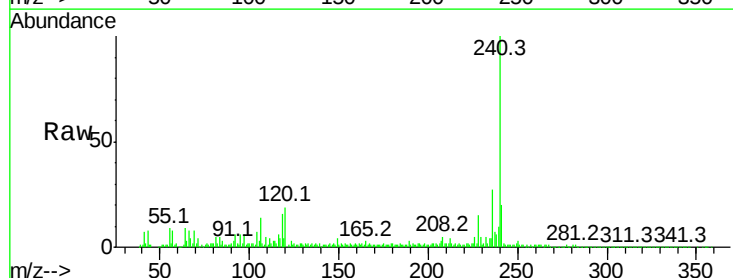
Tgt Ion:228 Resp: 59973

Ion Ratio Lower Upper

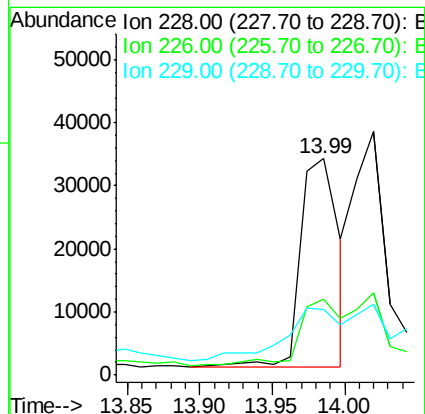
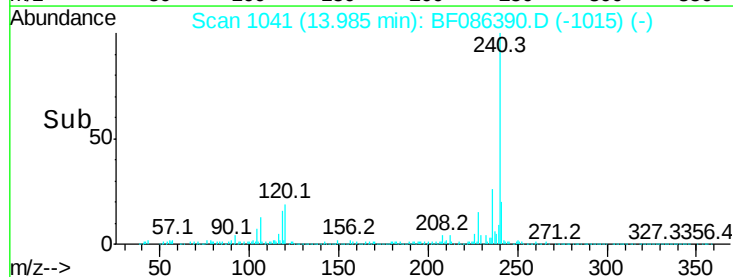
228 100

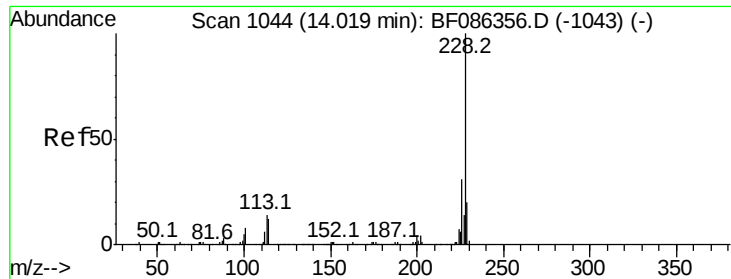
226 35.3 22.5 33.7#

229 30.3 16.6 25.0#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.75 ng/mL

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

Instrument :

BNA_F

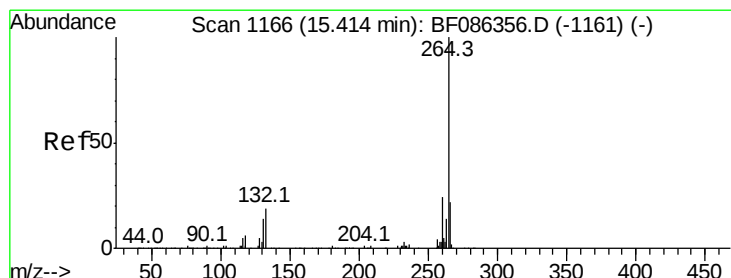
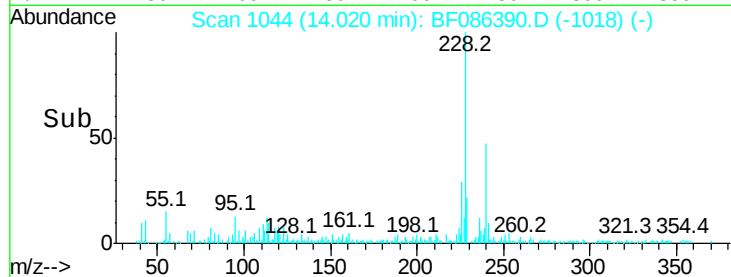
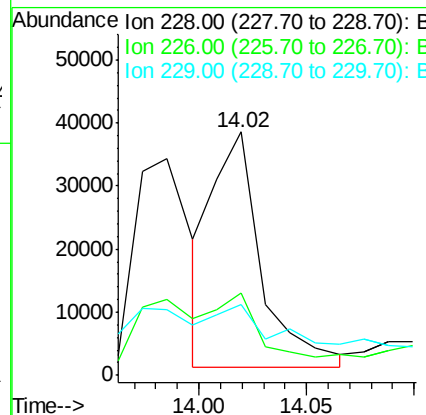
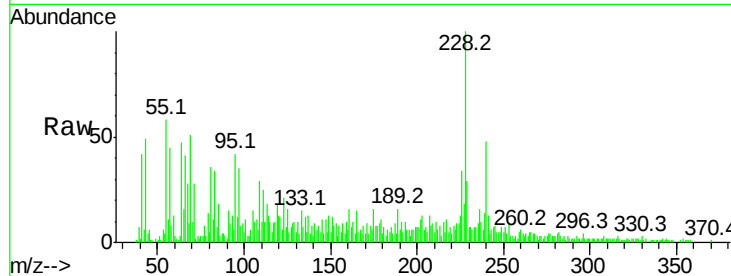
ClientSampleID :

WPG-B12(0-5)-C

Tot Ion:	228	Resp:	59862
Ion Ratio	Lower	Upper	
228	100		
226	33.9	24.4	36.6
229	29.0	15.8	23.8

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#86

Perylene-d12

Concen: 20.00 ng

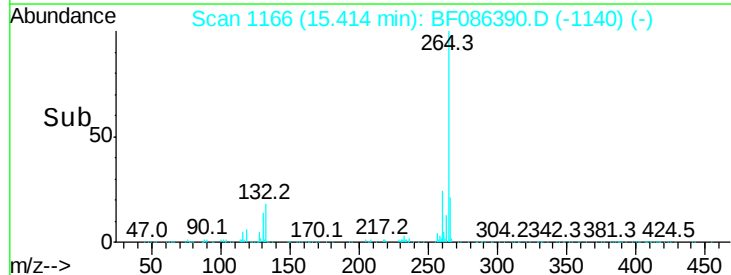
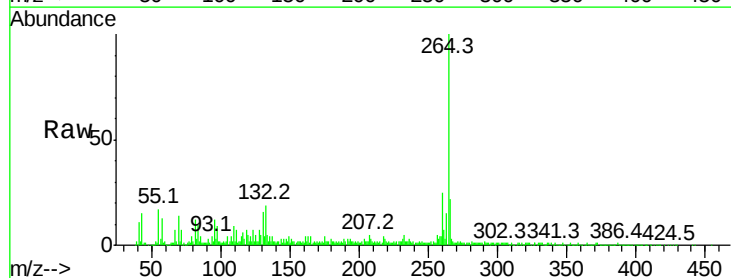
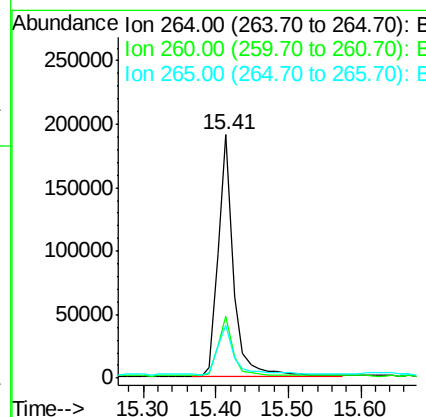
RT: 15.41 min Scan# 1166

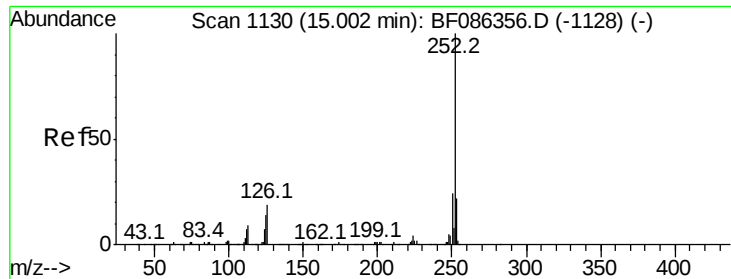
Delta R.T. 0.00 min

Lab File: BF086390.D

Acq: 23 Apr 2016 15:04

Tgt Ion:	264	Resp:	280673
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.5	29.3
265	22.0	17.3	25.9





#87
 Benzo(b)fluoranthene
 Concen: 4.03 ng m
 RT: 15.00 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF086390.D
 Acq: 23 Apr 2016 15:04

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(0-5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	42.8	17.8	26.6#
125	40.9	11.4	17.0#

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