

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086409.D
 Acq On : 24 Apr 2016 00:14
 Operator : UM/SJ
 Sample : H2652-11 2X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B1(0-7.5)-C

Manual Integrations
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Quant Time: Apr 25 07:18:33 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	160236	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	629504	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	249463	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	431917	20.00	ng	0.00
75) Chrysene-d12	14.00	240	318770	20.00	ng	0.00
86) Perylene-d12	15.43	264	230103	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	696412	75.06	ng	0.01
7) Phenol-d6	6.48	99	915190	72.55	ng	0.00
23) Nitrobenzene-d5	7.40	82	522047	49.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	152208	67.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	923474	63.17	ng	0.00
78) Terphenyl-d14	12.94	244	668631	52.12	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	109995	6.10	ng	100
70) Phenanthrene	11.39	178	87691	4.04	ng	98
74) Fluoranthene	12.57	202	185884	7.94	ng	98
77) Pyrene	12.80	202	178039	8.01	ng	98
80) Benzo(a)anthracene	13.99	228	90874	5.49	ng	94
82) Chrysene	14.02	228	75523m	4.05	ng	
85) Indeno(1,2,3-cd)pyrene	16.81	276	37607	2.27	ng	96
87) Benzo(b)fluoranthene	15.01	252	74959m	5.93	ng	
88) Benzo(k)fluoranthene	15.03	252	41995m	3.39	ng	
89) Benzo(a)pyrene	15.36	252	63085	5.06	ng	# 78
91) Benzo(g,h,i)perylene	17.22	276	36633	3.45	ng	94

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

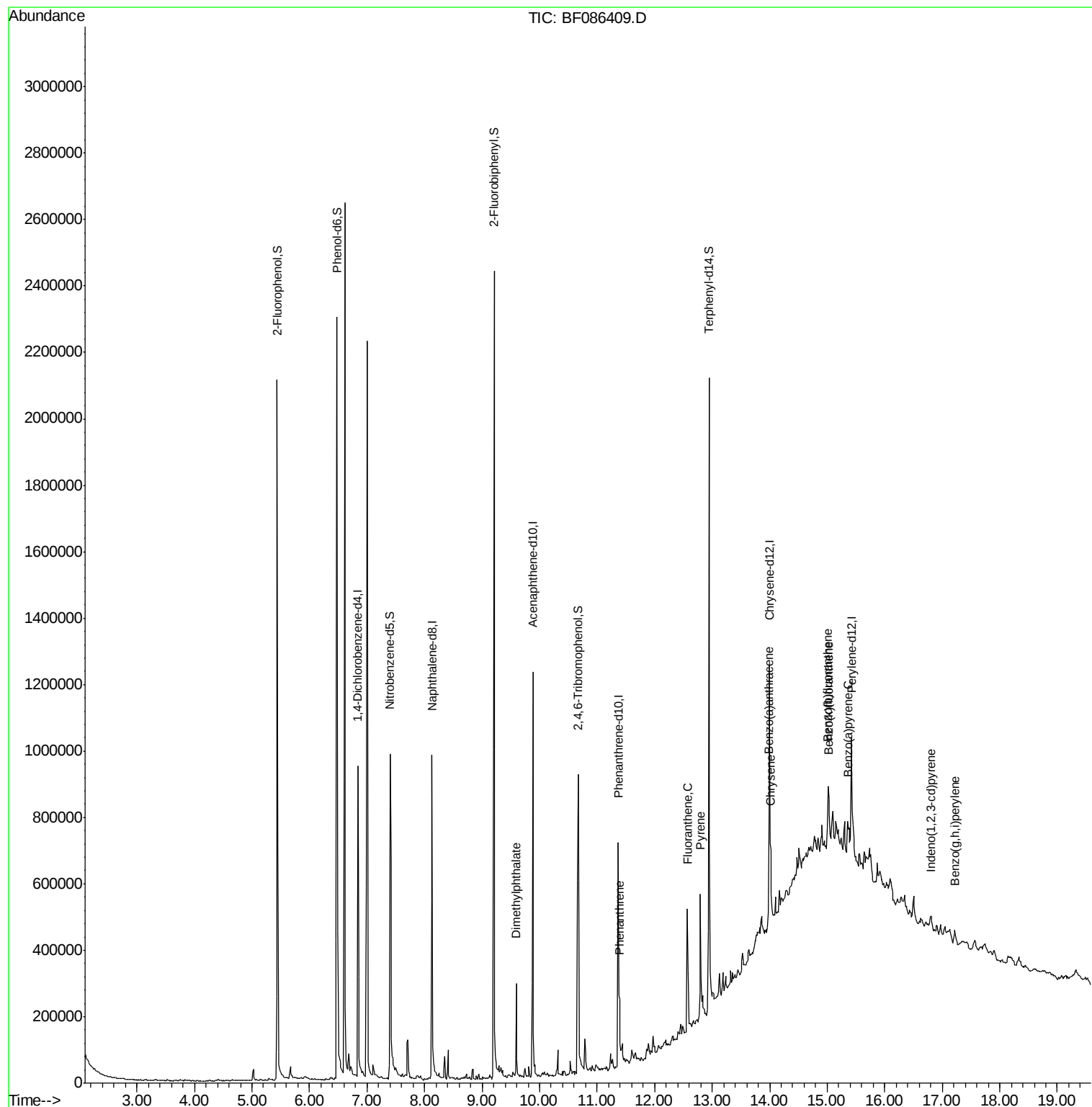
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Misc :
ALS Vial : 53 Sample Multiplier: 1

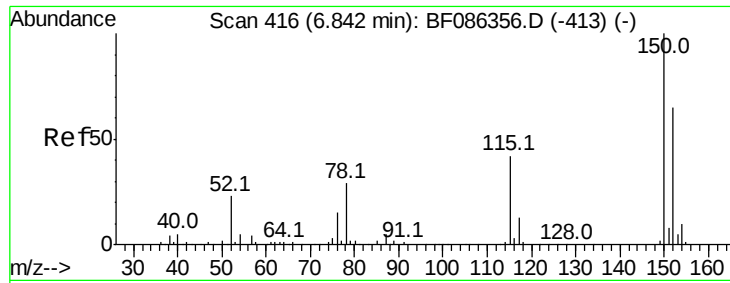
Instrument :
BNA_F
ClientSampleId :
WPG-B1(0-7.5)-C

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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
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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: BF086409.D

Acq: 24 Apr 2016 00:14

Instrument :

BNA_F

ClientSampleId :

WPG-B1(0-7.5)-C

Tot Ion:152 Resp: 160236

Ion Ratio Lower Upper

152 100

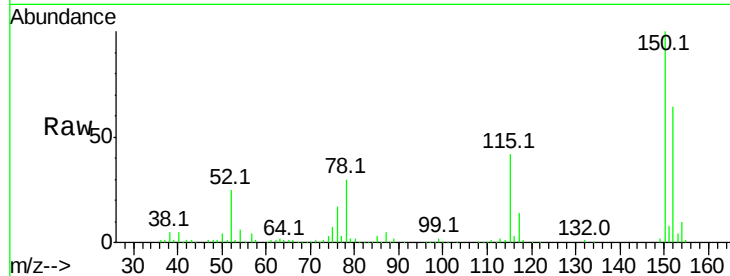
150 157.0 125.8 188.6

115 66.6 51.5 77.3

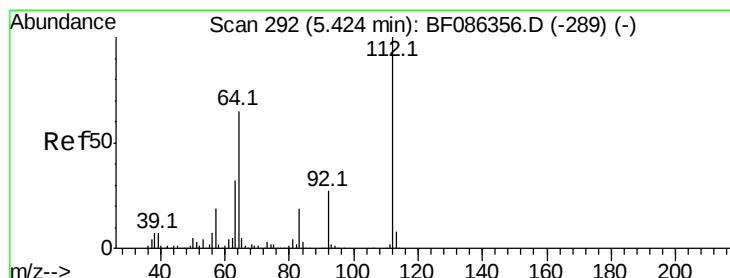
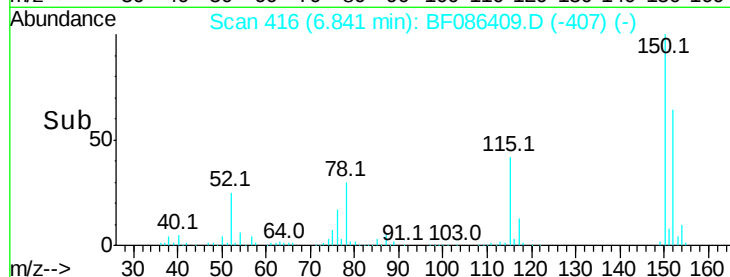
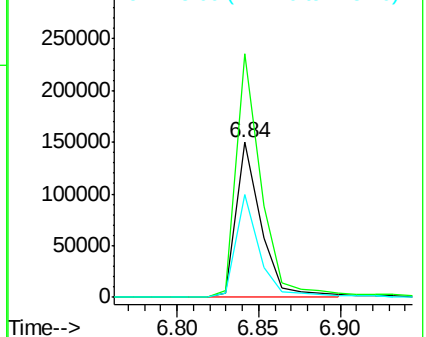
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 75.06 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

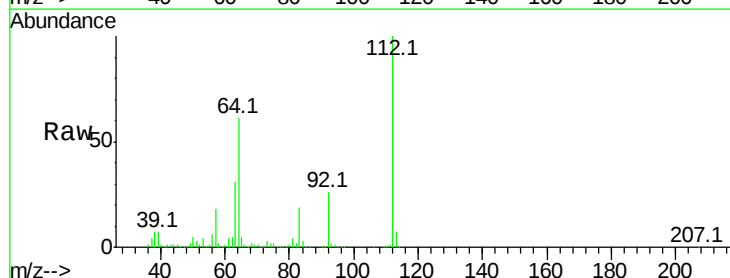
Tgt Ion:112 Resp: 696412

Ion Ratio Lower Upper

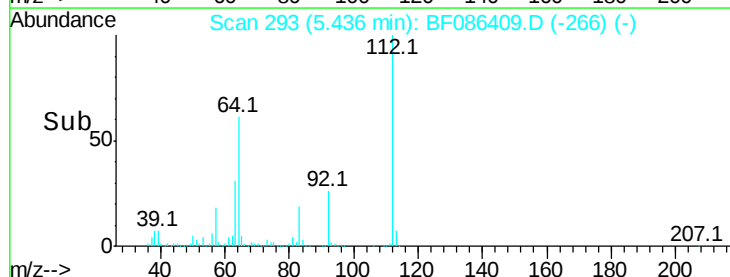
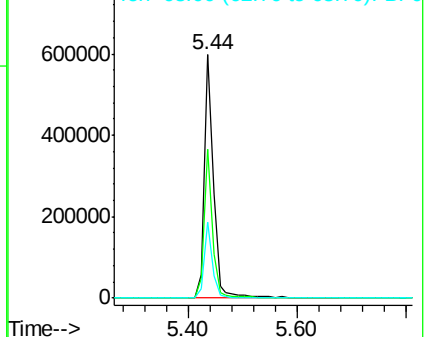
112 100

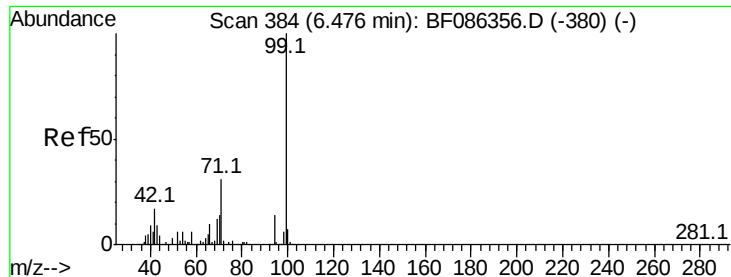
64 61.2 52.1 78.1

63 31.3 25.7 38.5



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: 72.55 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Instrument :

BNA_F

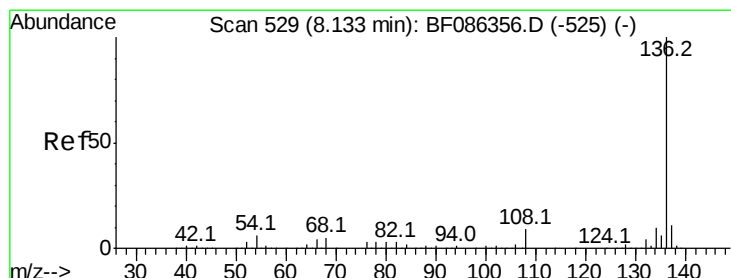
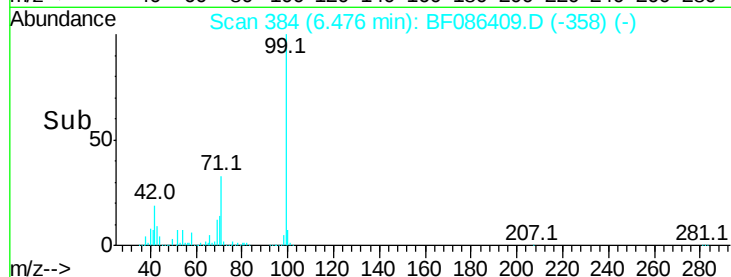
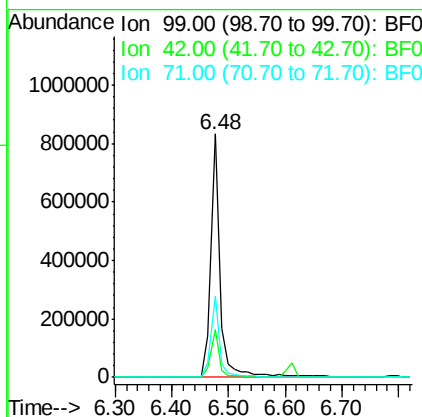
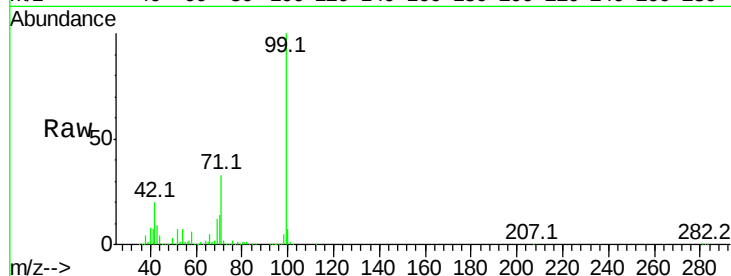
ClientSampleId :

WPG-B1(0-7.5)-C

Tot Ion:	99	Resp:	915190
Ion Ratio	Lower	Upper	
99	100		
42	19.5	13.6	20.4
71	33.3	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

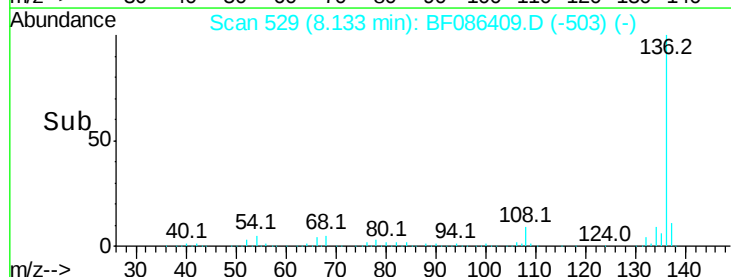
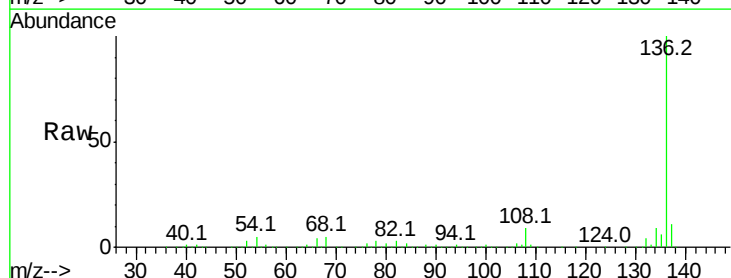
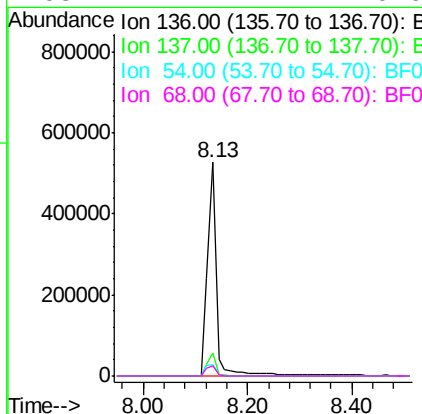
RT: 8.13 min Scan# 529

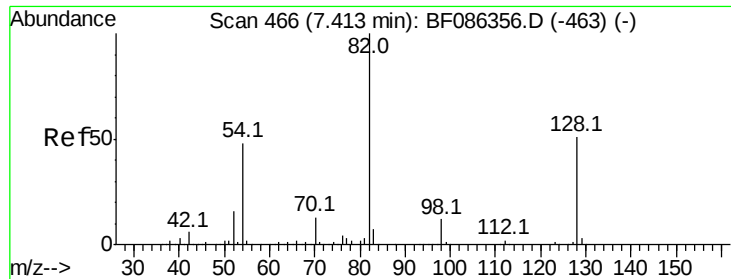
Delta R.T. -0.00 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Tgt Ion:	136	Resp:	629504
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.8	13.2
54	5.4	5.0	7.4
68	4.7	4.4	6.6





#23

Nitrobenzene-d5

Concen: 49.13 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Instrument :

BNA_F

ClientSampleId :

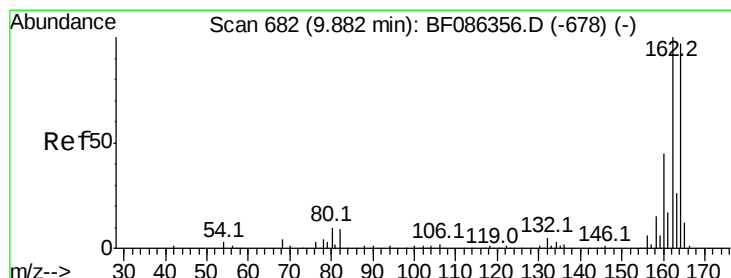
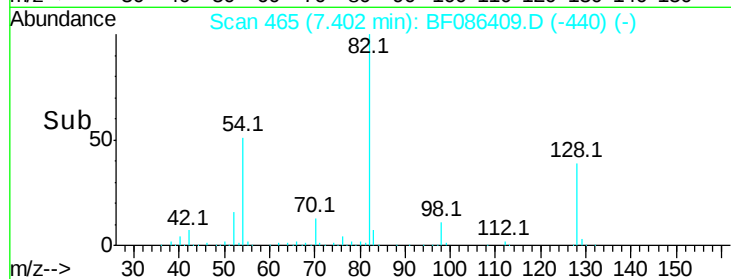
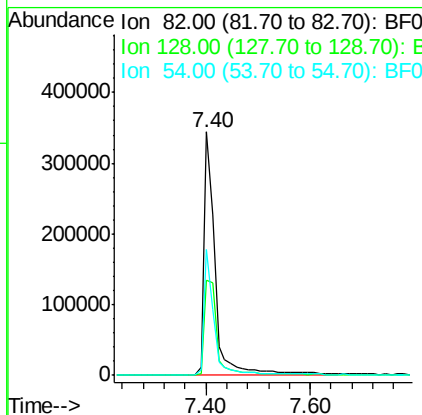
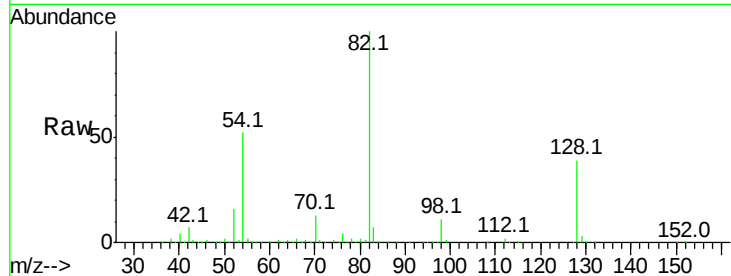
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Tot Ion: 82 Resp: 522047
Ion Ratio Lower Upper

82	100		
128	39.1	40.6	61.0#
54	51.6	38.1	57.1

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

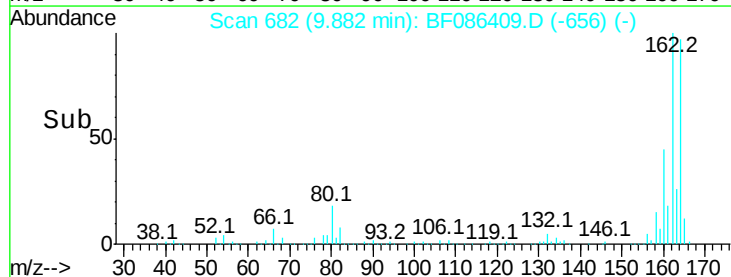
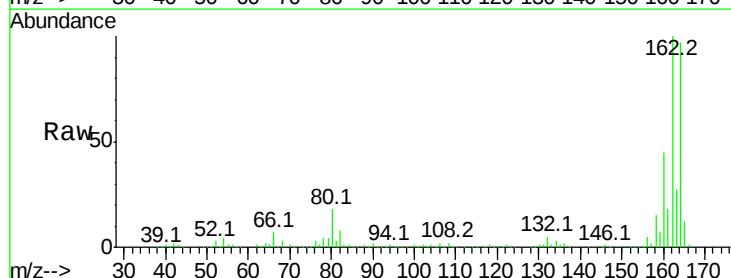
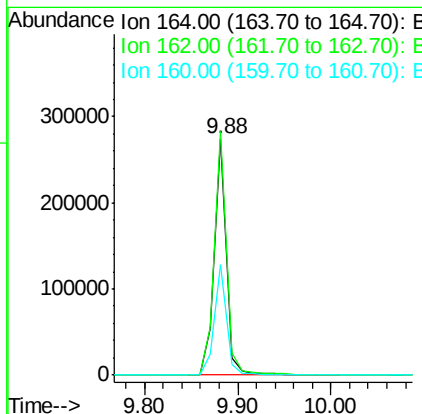
Delta R.T. -0.00 min

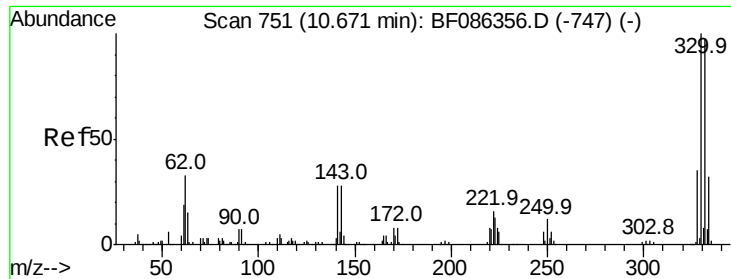
Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Tgt Ion:164 Resp: 249463
Ion Ratio Lower Upper

164	100		
162	103.1	82.8	124.2
160	46.7	36.9	55.3





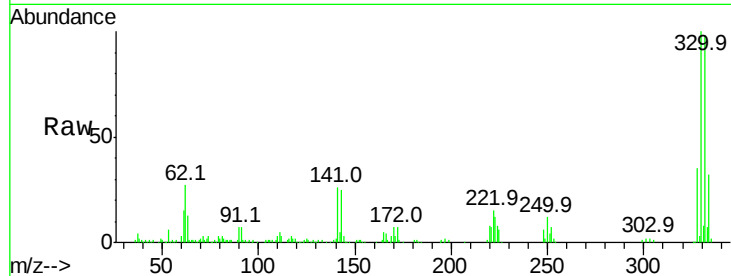
#41
 2,4,6-Tribromophenol
 Concen: 67.40 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086409.D
 Acq: 24 Apr 2016 00:14

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B1(0-7.5)-C

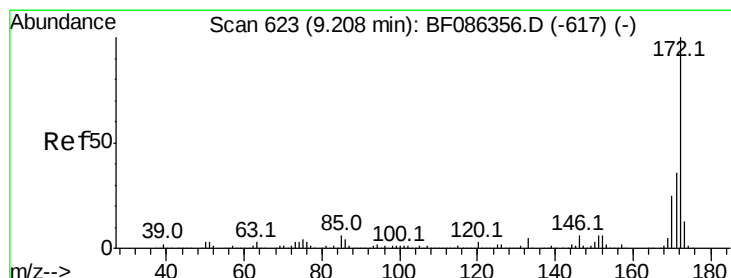
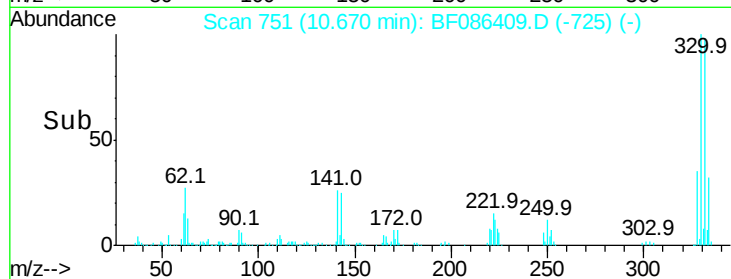
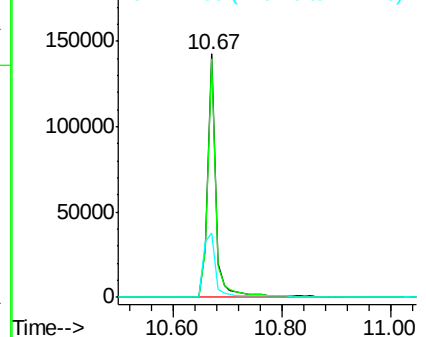
Tot Ion	Ratio	Resp	Lower	Upper
330	100	152208		
332	96.8	79.0	118.4	
141	38.2	31.2	46.8	

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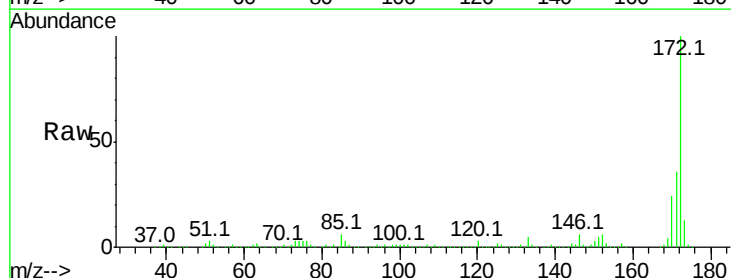


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

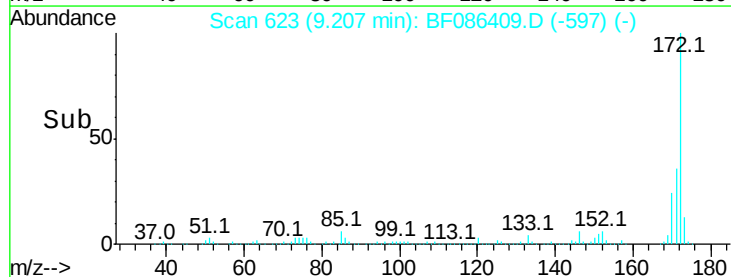
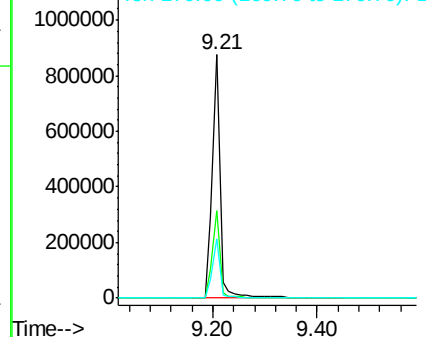


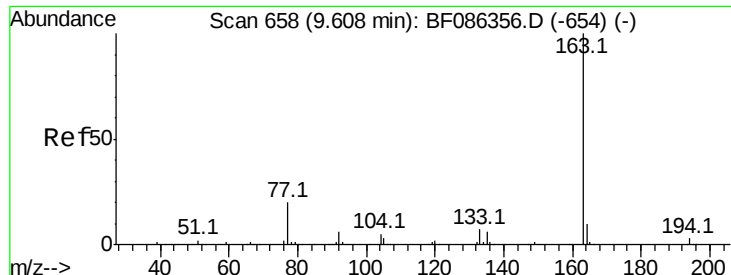
#44
 2-Fluorobiphenyl
 Concen: 63.17 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086409.D
 Acq: 24 Apr 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	923474		
171	36.2	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





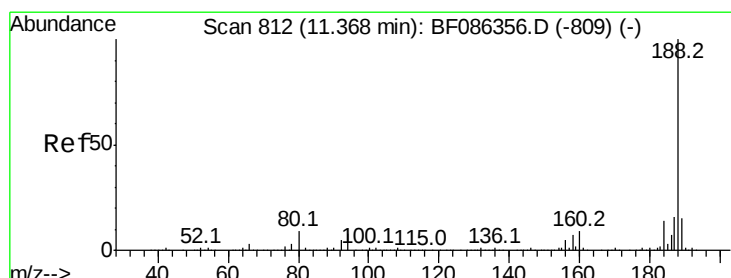
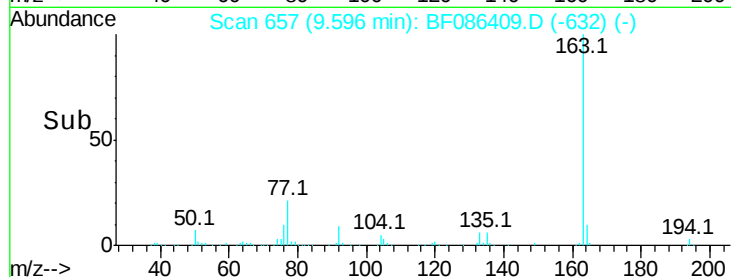
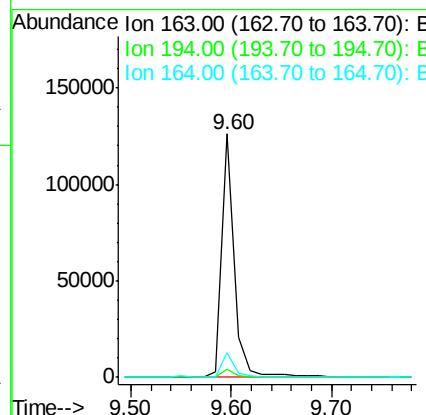
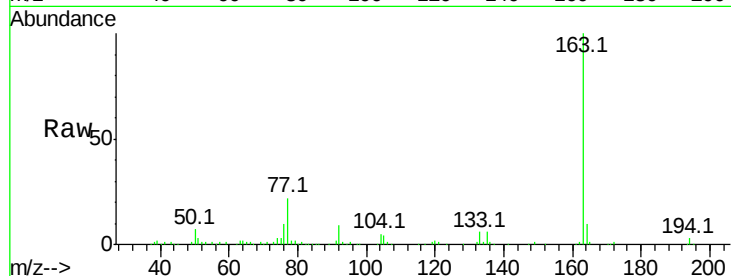
#49
Dimethylphthalate
Concen: 6.10 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086409.D
Acq: 24 Apr 2016 00:14

Instrument :
BNA_F
ClientSampleId :
WPG-B1(0-7.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	109995		
194	3.1		2.6	4.0
164	10.2		8.2	12.4

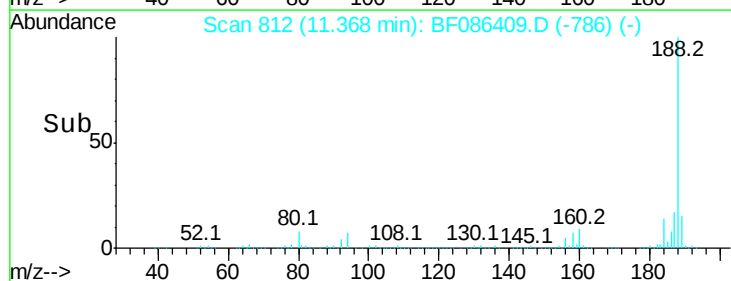
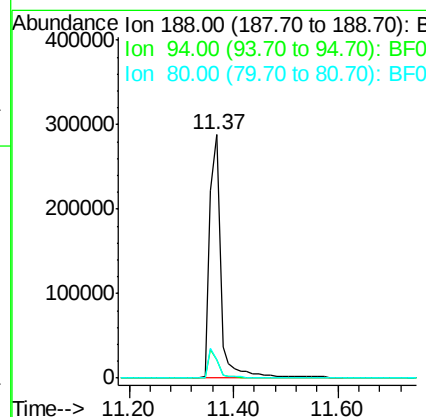
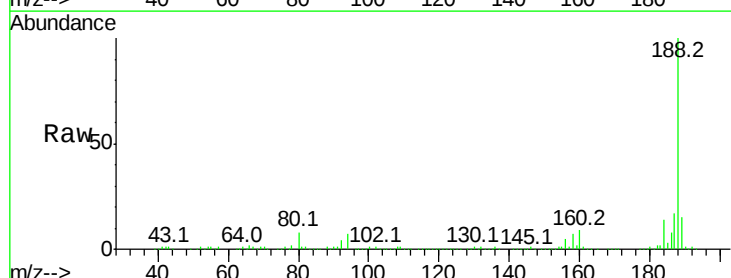
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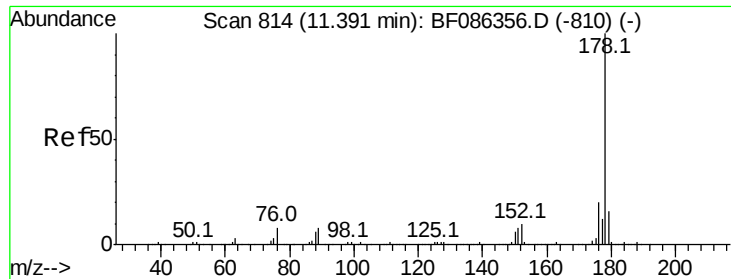
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF086409.D
Acq: 24 Apr 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	431917		
94	7.3		6.8	10.2
80	7.7		7.1	10.7





#70

Phenanthrene

Concen: 4.04 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Instrument :

BNA_F

ClientSampleId :

WPG-B1(0-7.5)-C

Tot Ion:178 Resp: 87691

Ion Ratio Lower Upper

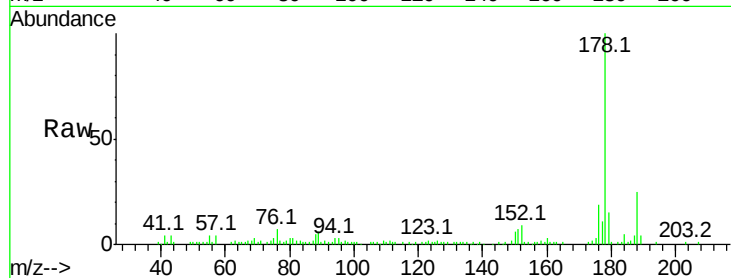
178 100

176 18.7 16.0 24.0

179 14.9 12.6 18.8

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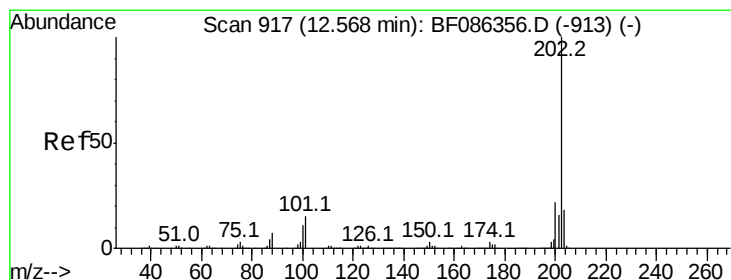
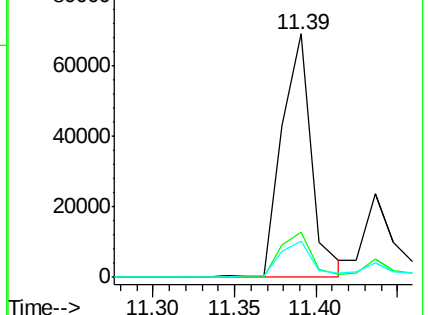
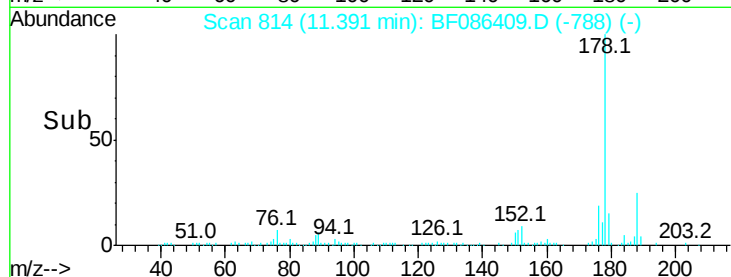
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 7.94 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

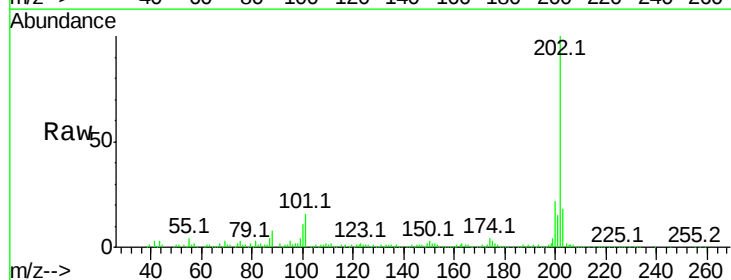
Tgt Ion:202 Resp: 185884

Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.4

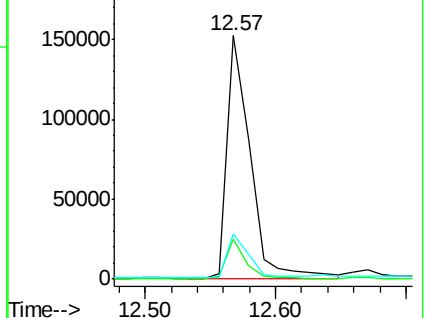
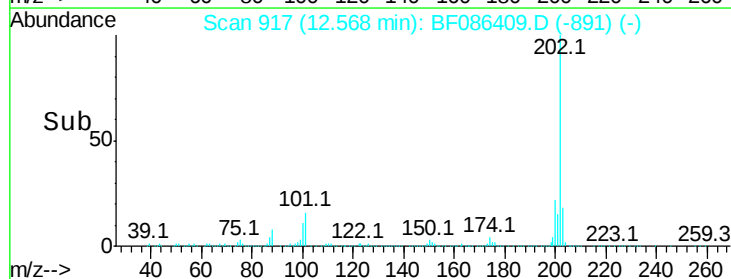
203 18.4 0.0 38.1

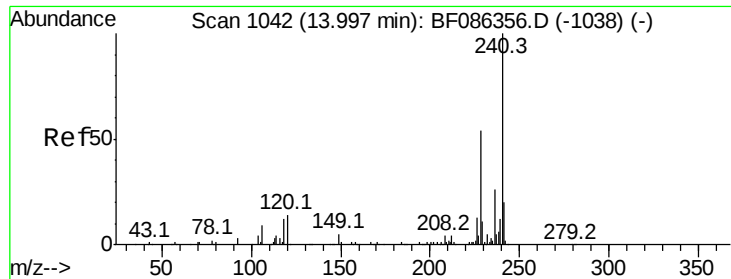


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Instrument :

BNA_F

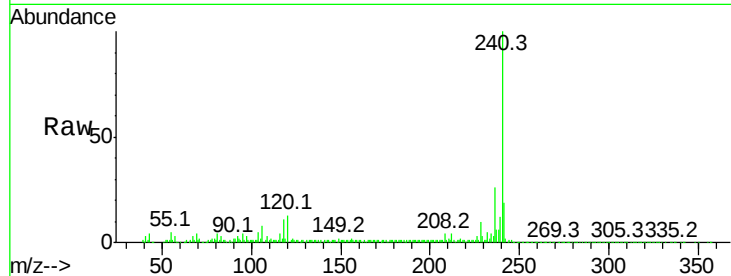
ClientSampleId :

WPG-B1(0-7.5)-C

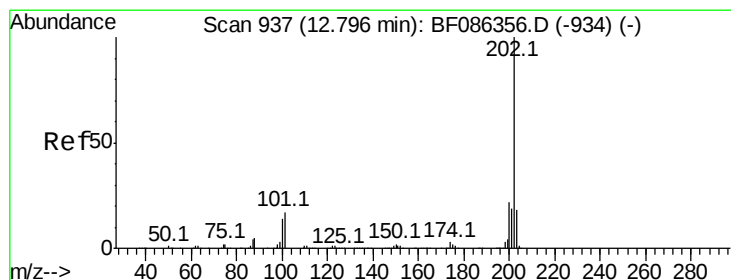
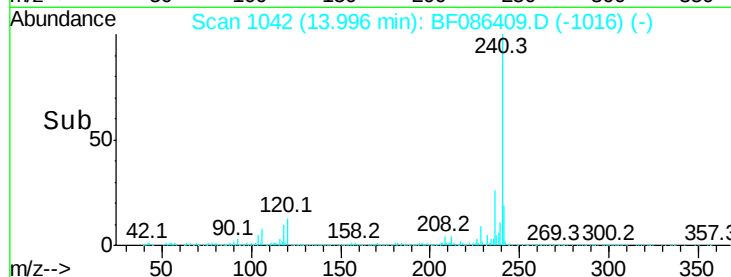
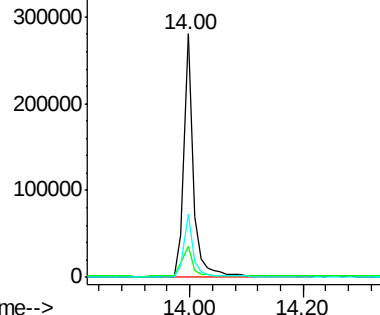
Tot Ion:	240	Resp:	318770
Ion Ratio	Lower	Upper	
240	100		
120	13.0	11.2	16.8
236	26.0	21.2	31.8

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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



#77

Pyrene

Concen: 8.01 ng

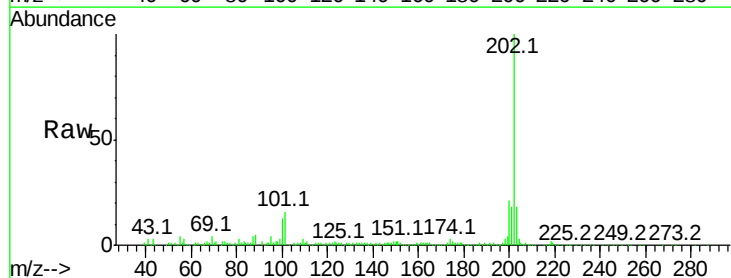
RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

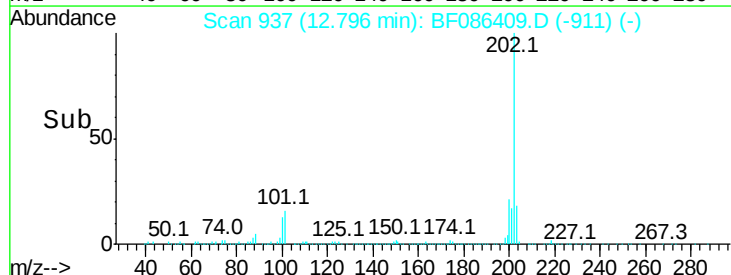
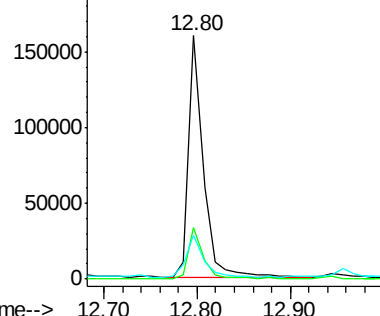
Lab File: BF086409.D

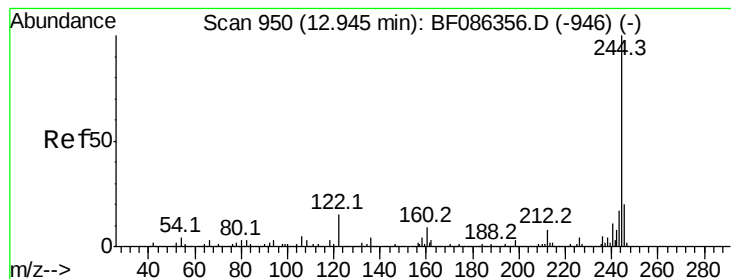
Acq: 24 Apr 2016 00:14

Tgt Ion:	202	Resp:	178039
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.7	26.5
203	18.3	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 52.12 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Instrument :

BNA_F

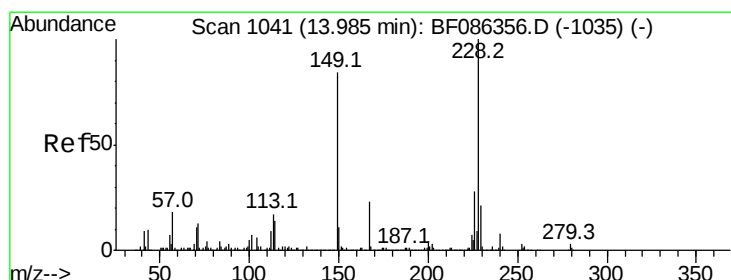
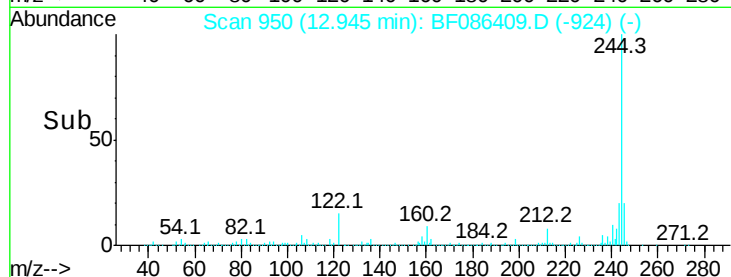
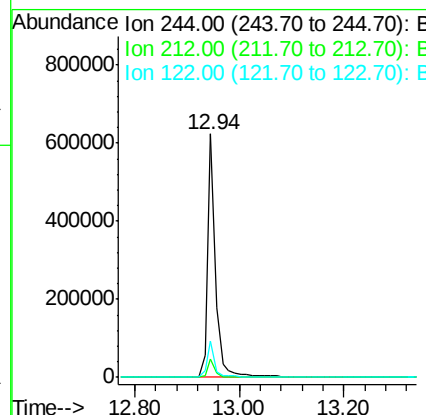
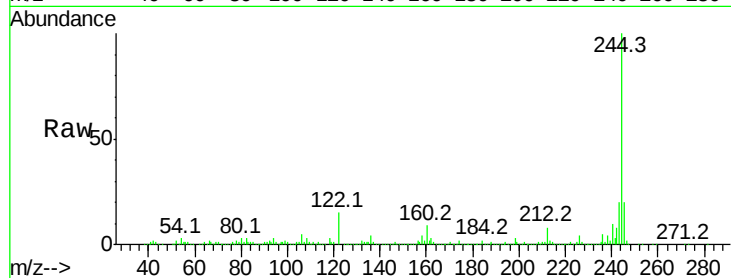
ClientSampleId :

WPG-B1(0-7.5)-C

Tot Ion:	244	Resp:	668631
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	14.8	12.0	18.0

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#80

Benzo(a)anthracene

Concen: 5.49 ng

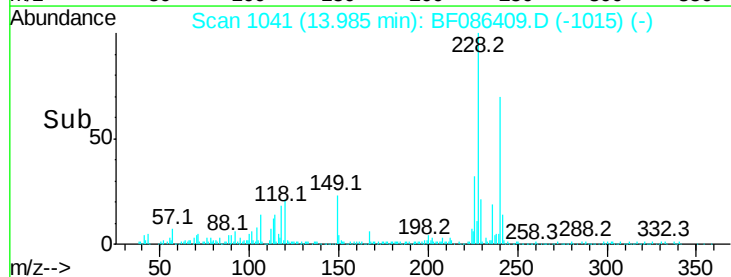
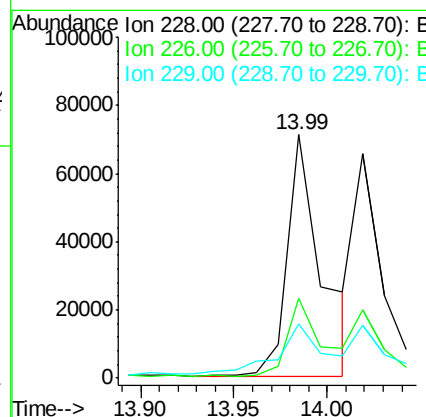
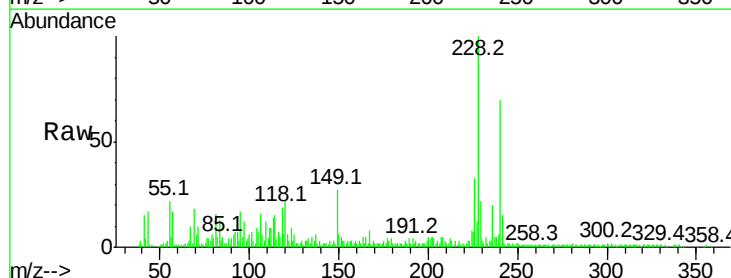
RT: 13.99 min Scan# 1041

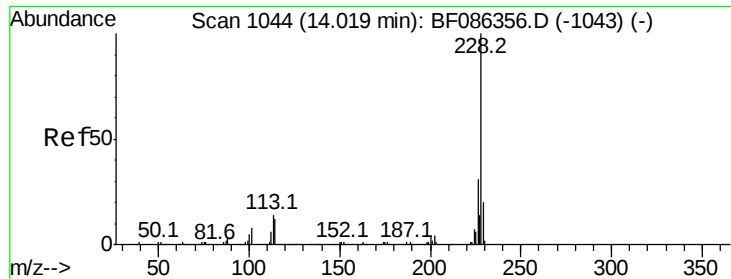
Delta R.T. -0.00 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Tgt Ion:	228	Resp:	90874
Ion Ratio	Lower	Upper	
228	100		
226	32.6	22.5	33.7
229	22.5	16.6	25.0





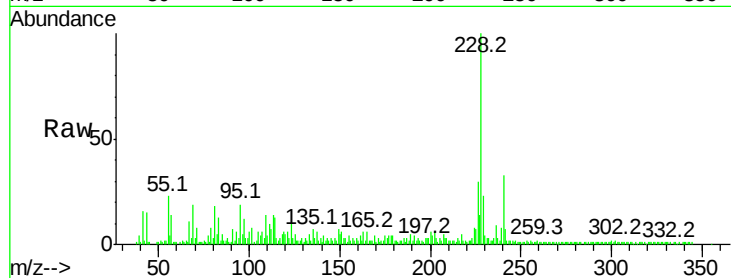
#82
Chrysene
Concen: 4.05 ng/ml
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF086409.D
Acq: 24 Apr 2016 00:14

Instrument :
BNA_F
ClientSampleId :
WPG-B1(0-7.5)-C

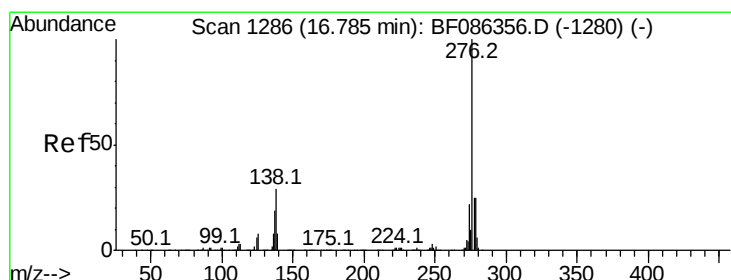
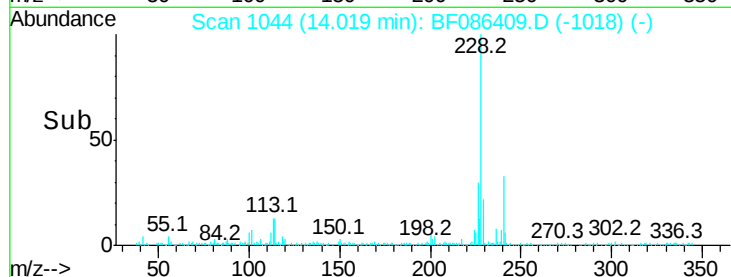
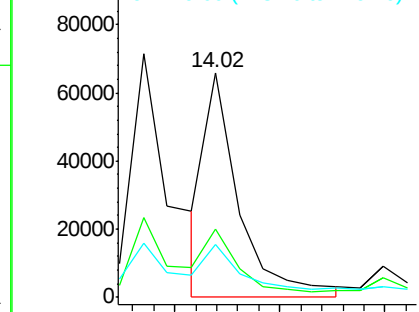
Tot Ion:	228	Resp:	75523
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.4	36.6
229	23.4	15.8	23.8

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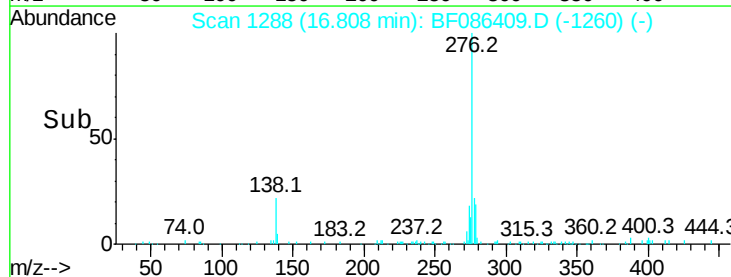
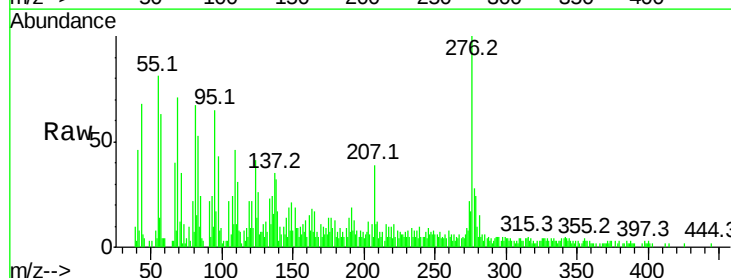
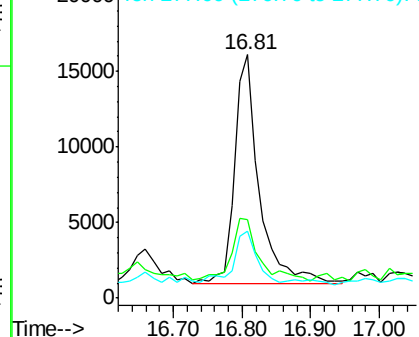
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

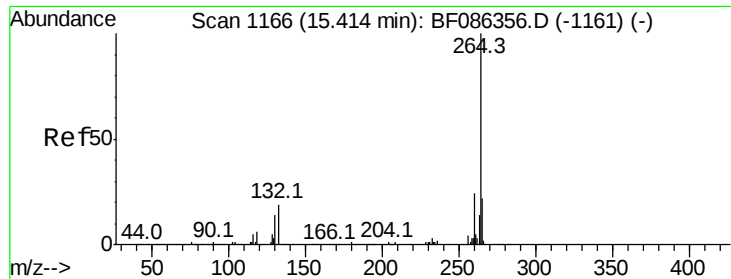


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.27 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BF086409.D
Acq: 24 Apr 2016 00:14

Tgt Ion:	276	Resp:	37607
Ion Ratio	Lower	Upper	
276	100		
138	31.9	25.6	38.4
277	21.3	20.5	30.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





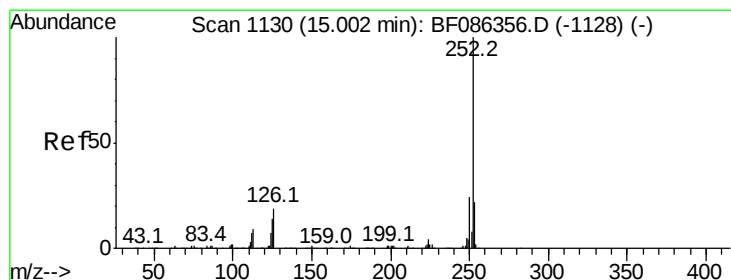
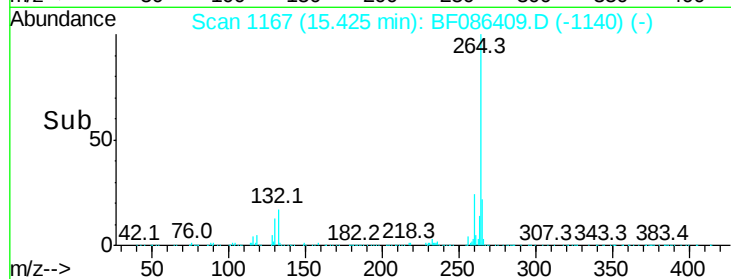
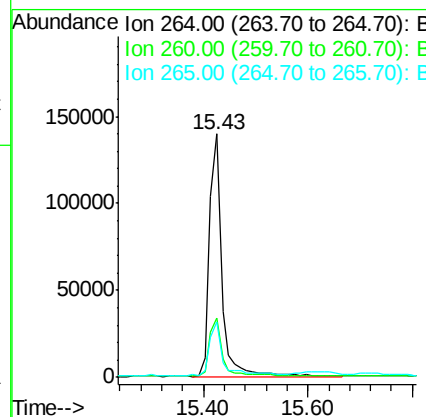
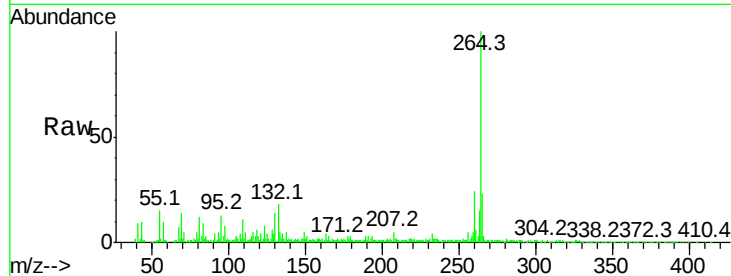
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF086409.D
Acq: 24 Apr 2016 00:14

Instrument :
BNA_F
ClientSampleId :
WPG-B1(0-7.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
264	100	230103		
260	24.3	19.5	29.3	
265	22.9	17.3	25.9	

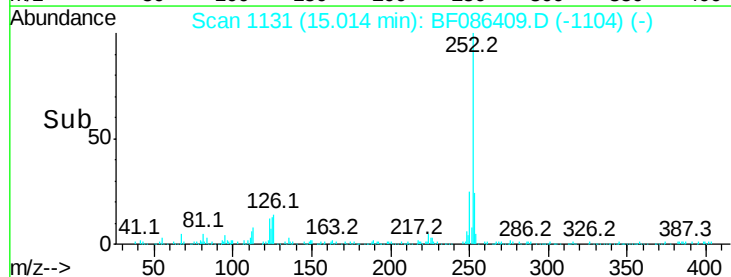
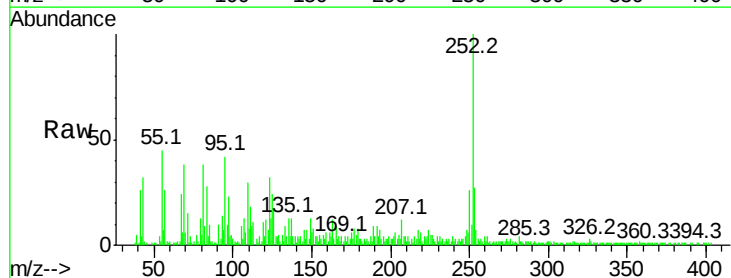
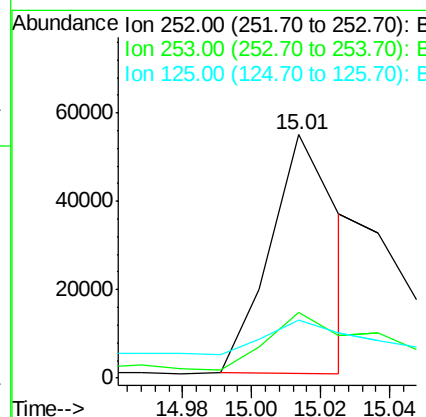
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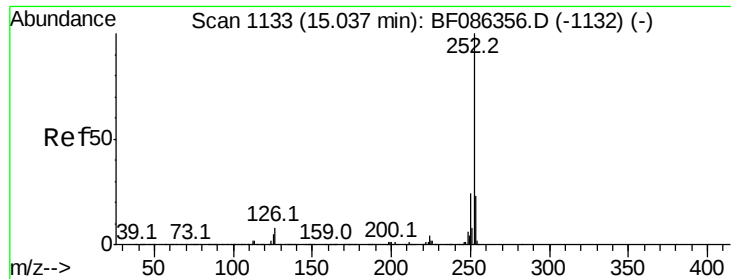
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#87
Benzo(b)fluoranthene
Concen: 5.93 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086409.D
Acq: 24 Apr 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	74959		
253	26.8	17.8	26.6#	
125	23.7	11.4	17.0#	





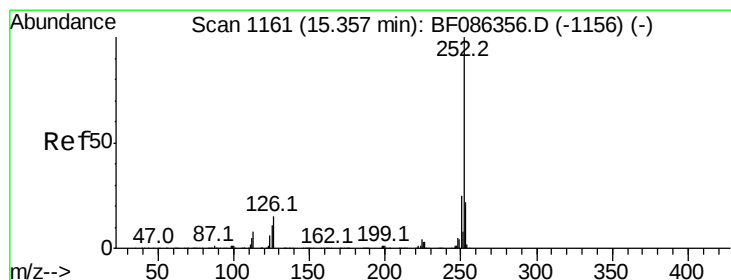
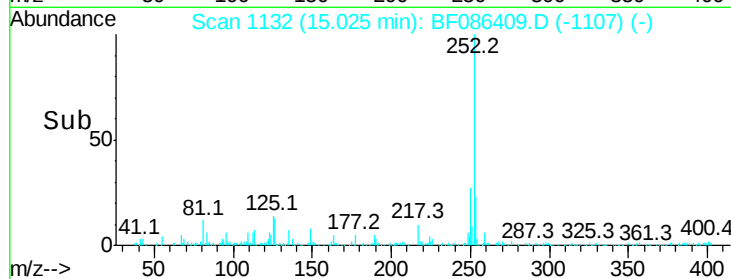
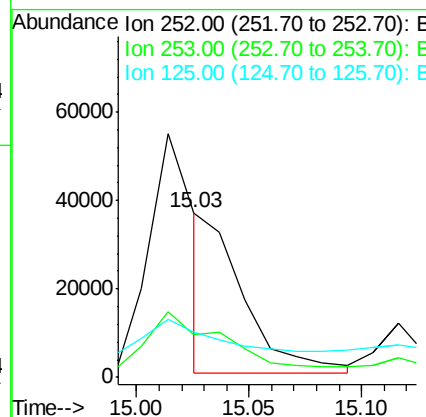
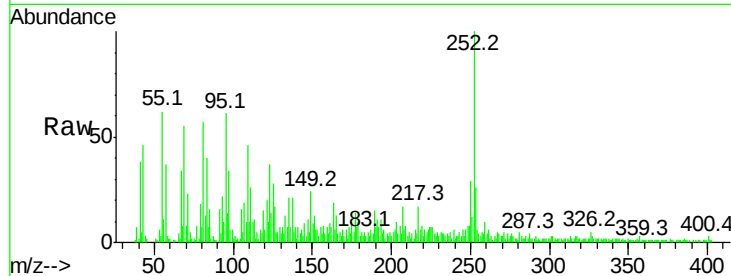
#88
Benzo(k)fluoranthene
Concen: 3.39 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF086409.D
Acq: 24 Apr 2016 00:14

Instrument :
BNA_F
ClientSampleId :
WPG-B1(0-7.5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.6
125	27.8	9.1	13.7

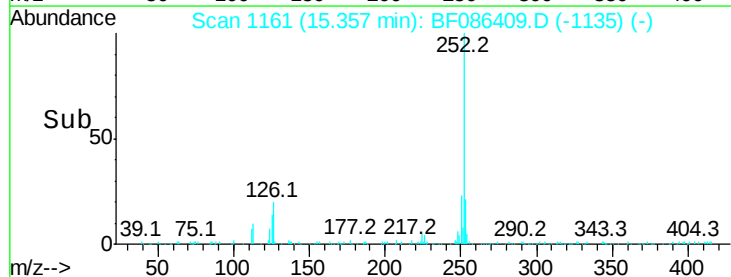
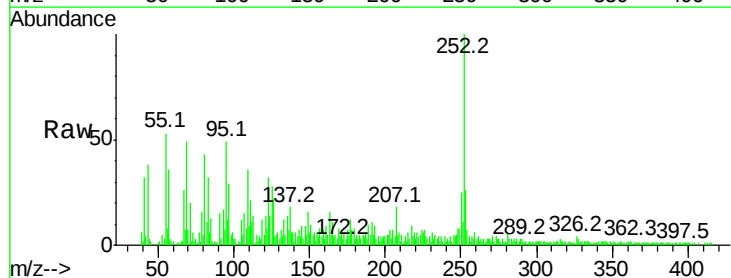
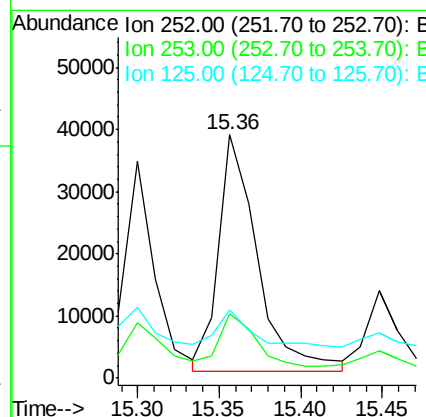
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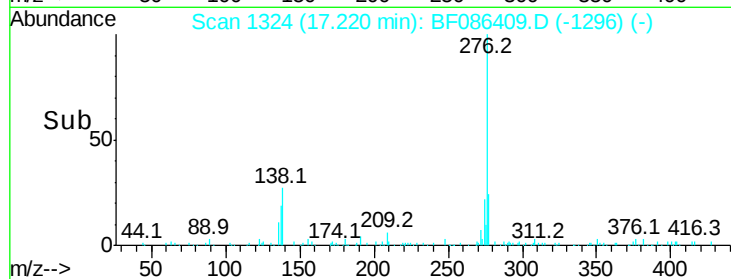
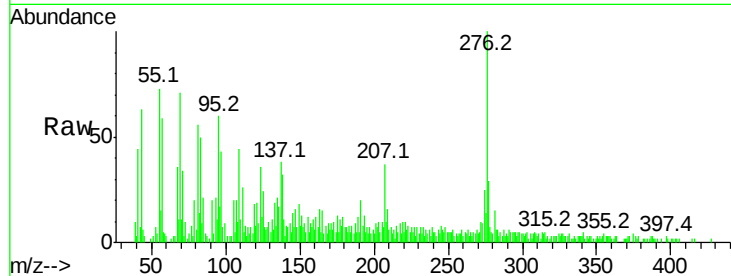
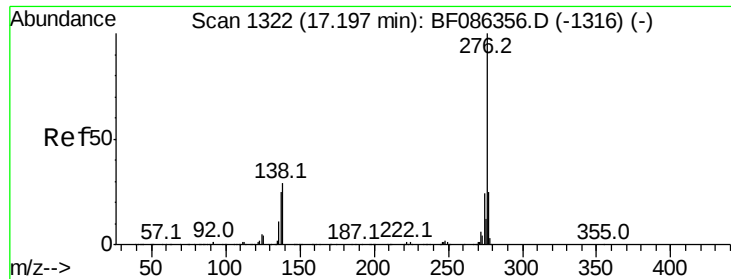
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#89
Benzo(a)pyrene
Concen: 5.06 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF086409.D
Acq: 24 Apr 2016 00:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8
125	28.2	9.0	13.6





#91

Benzo(a,h,i)perylene

Concen: 3.45 ng

RT: 17.22 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF086409.D

Acq: 24 Apr 2016 00:14

Instrument :

BNA_F

ClientSampleId :

WPG-B1(0-7.5)-C

Tot Ion:	276	Resp:	36633
Ion Ratio	Lower	Upper	
276	100		
277	29.3	19.6	29.4
138	31.5	23.6	35.4

Manual Integrations
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