

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086393.D
 Acq On : 23 Apr 2016 16:31
 Operator : UM/SJ
 Sample : H2640-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B13(0-5)-C

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:36:00 PM

Quant Time: Apr 25 11:50:06 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	184967	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	719368	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	300138	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	482924	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	372727	20.00	ng	0.00
86) Perylene-d12	15.41	264	275147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1205347	112.54	ng	0.02
7) Phenol-d6	6.48	99	1466616	100.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	962657	79.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	228152	83.97	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1608205	91.44	ng	0.00
78) Terphenyl-d14	12.94	244	1018222	67.87	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	257057	11.86	ng	99
70) Phenanthrene	11.38	178	207758	8.56	ng	99
71) Anthracene	11.44	178	89961	3.24	ng	99
74) Fluoranthene	12.58	202	224603	8.58	ng	97
77) Pyrene	12.80	202	208557	8.02	ng	99
80) Benzo(a)anthracene	13.99	228	98048m	5.07	ng	
82) Chrysene	14.02	228	99624m	4.57	ng	
87) Benzo(b)fluoranthene	15.01	252	90607m	6.00	ng	
88) Benzo(k)fluoranthene	15.03	252	31856m	2.15	ng	
89) Benzo(a)pyrene	15.36	252	65100	4.37	ng	# 81
91) Benzo(g,h,i)perylene	17.20	276	34289	2.70	ng	93

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

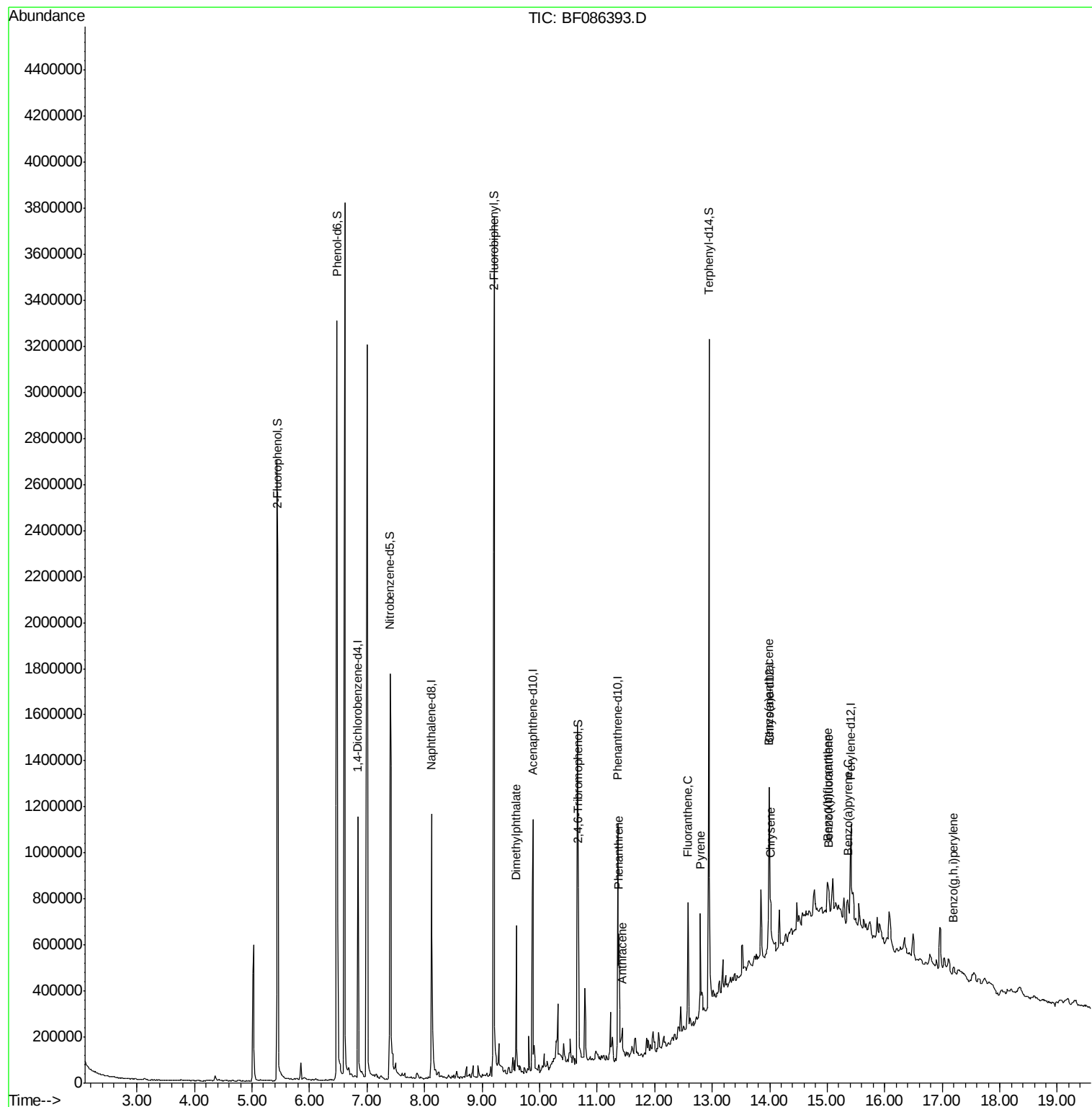
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086393.D
Acq On : 23 Apr 2016 16:31
Operator : UM/SJ
Sample : H2640-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

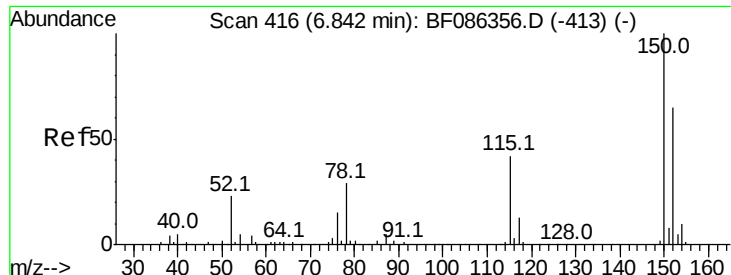
Instrument :
BNA_F
ClientSampleId :
WPG-B13(0-5)-C

Manual Integrations
APPROVED

sohil
4/25/2016 12:36:00 PM

Quant Time: Apr 25 11:50:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086393.D

Acq: 23 Apr 2016 16:31

Instrument :

BNA_F

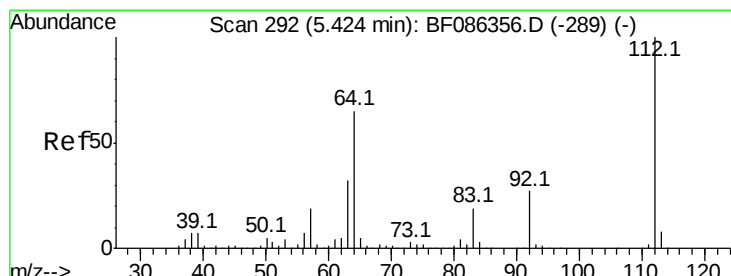
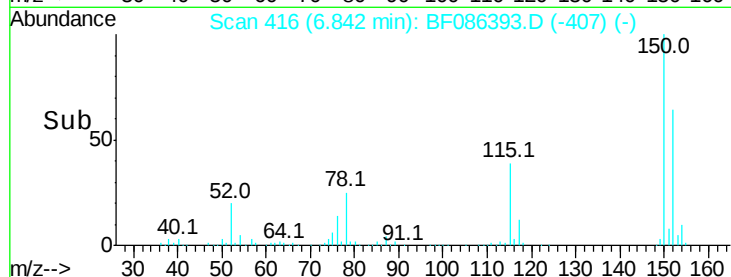
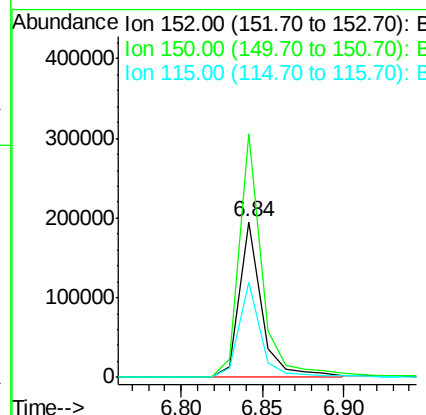
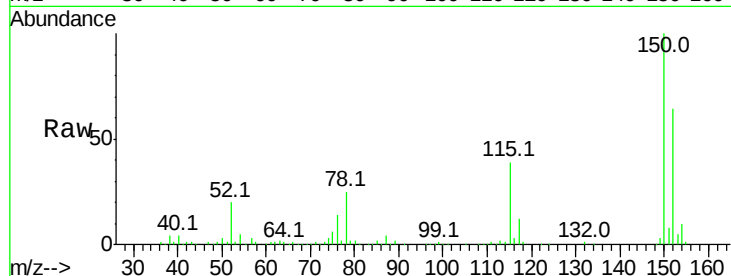
ClientSampleId :

WPG-B13(0-5)-C

Tot Ion:	152	Resp:	184967
Ion Ratio	Lower	Upper	
152	100		
150	156.2	125.8	188.6
115	61.2	51.5	77.3

Manual Integrations
APPROVED

sohil
4/25/2016 12:36:00 PM



#5

2-Fluorophenol

Concen: 112.54 ng

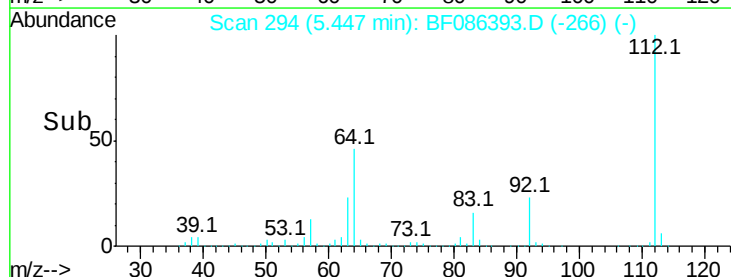
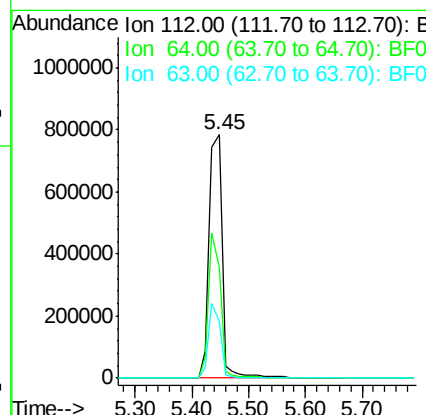
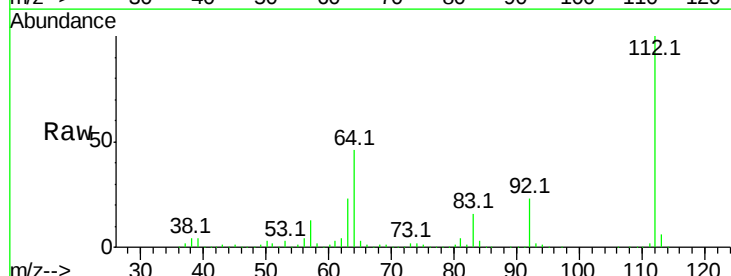
RT: 5.45 min Scan# 294

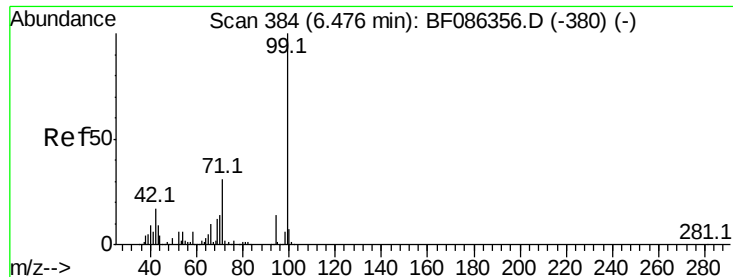
Delta R.T. 0.02 min

Lab File: BF086393.D

Acq: 23 Apr 2016 16:31

Tgt Ion:	112	Resp:	1205347
Ion Ratio	Lower	Upper	
112	100		
64	45.5	52.1	78.1#
63	23.1	25.7	38.5#





#7

Phenol-d6

Concen: 100.72 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086393.D

Acq: 23 Apr 2016 16:31

Instrument :

BNA_F

ClientSampleId :

WPG-B13(0-5)-C

Tot Ion: 99 Resp: 1466616

Ion Ratio Lower Upper

99 100

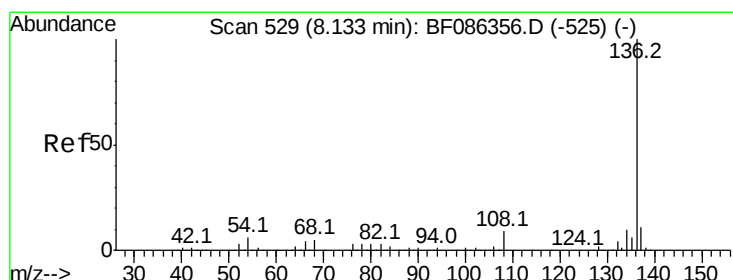
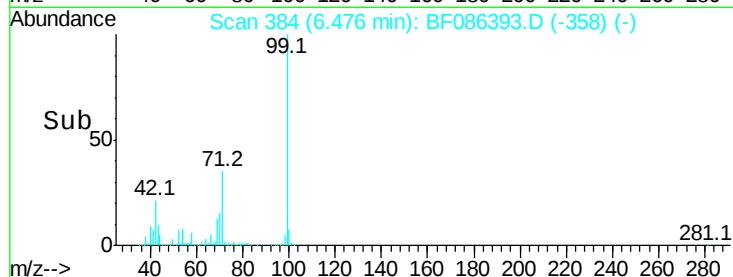
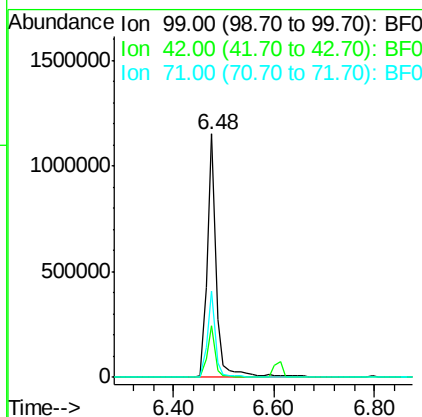
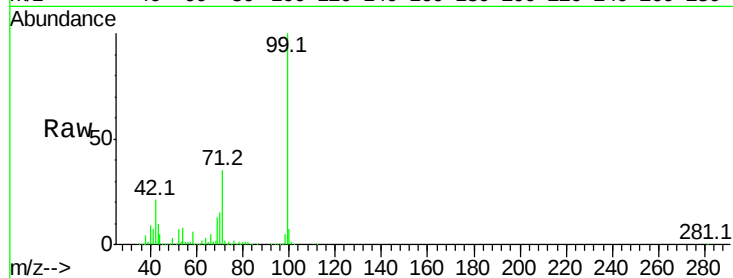
42 21.0 13.6 20.4#

71 35.1 24.6 36.8

Manual Integrations
APPROVED

sohil

4/25/2016 12:36:00 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086393.D

Acq: 23 Apr 2016 16:31

Tgt Ion: 136 Resp: 719368

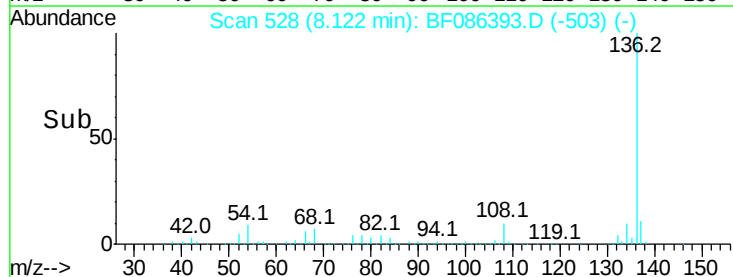
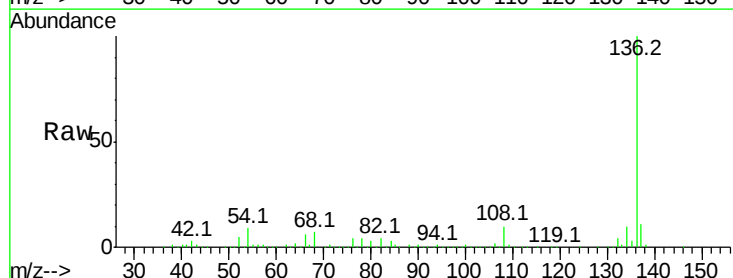
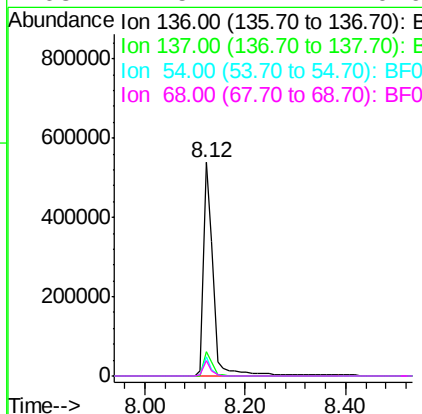
Ion Ratio Lower Upper

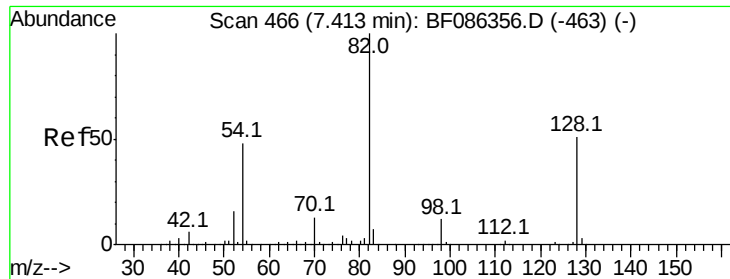
136 100

137 11.4 8.8 13.2

54 9.2 5.0 7.4#

68 7.5 4.4 6.6#





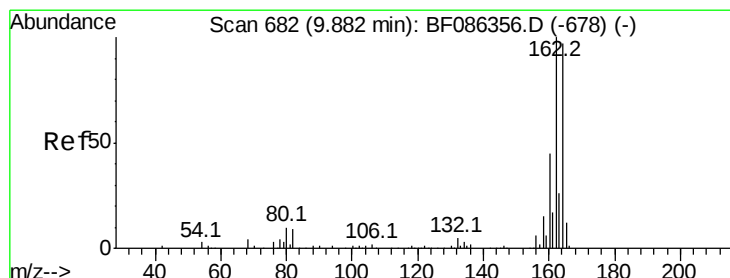
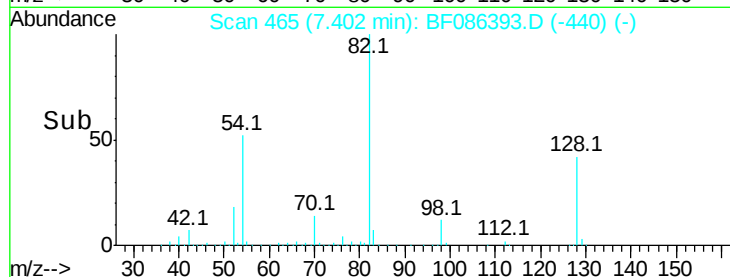
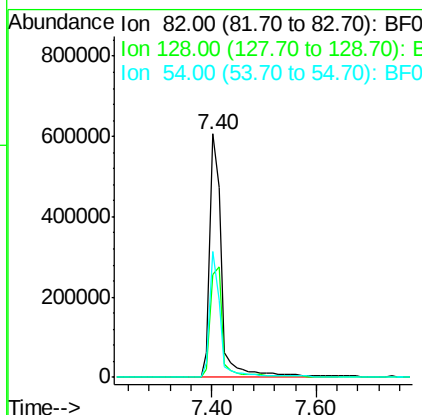
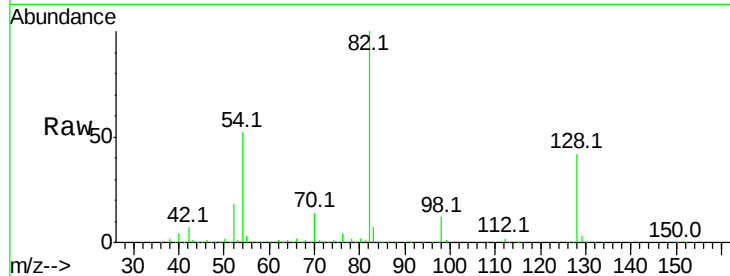
#23
 Nitrobenzene-d5
 Concen: 79.27 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086393.D
 Acq: 23 Apr 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B13(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.1	40.6	61.0	
54	51.6	38.1	57.1	

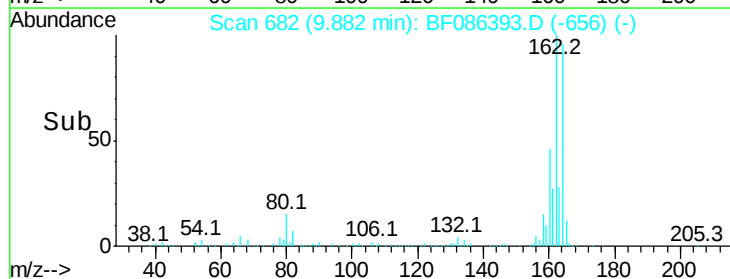
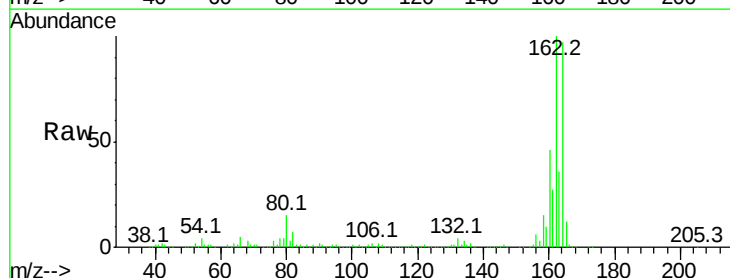
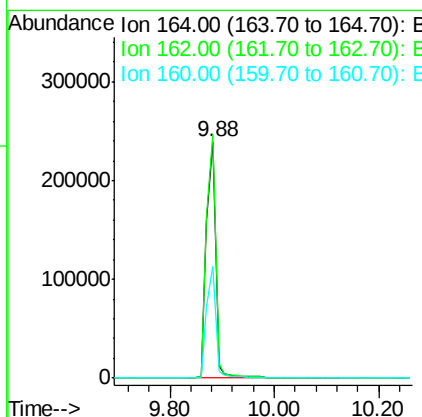
Manual Integrations
 APPROVED

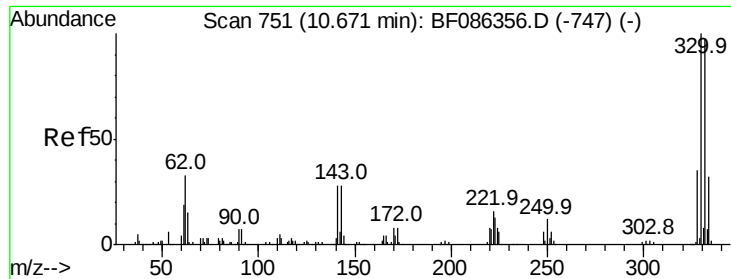
sohil
 4/25/2016 12:36:00 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF086393.D
 Acq: 23 Apr 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	82.8	124.2	
160	47.4	36.9	55.3	





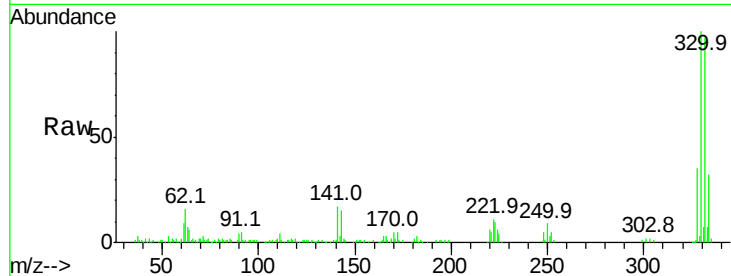
#41
 2,4,6-Tribromophenol
 Concen: 83.97 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086393.D
 Acq: 23 Apr 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B13(0-5)-C

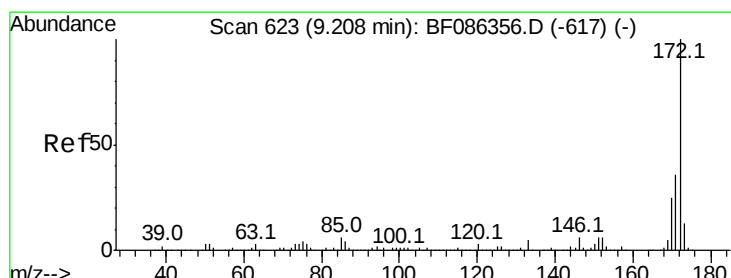
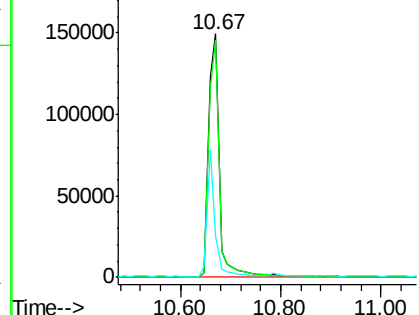
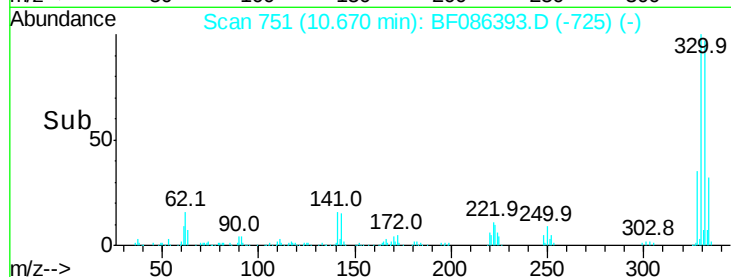
Tot Ion	Ratio	Resp	Lower	Upper
330	100	228152		
332	95.6	79.0	118.4	
141	36.4	31.2	46.8	

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:36:00 PM

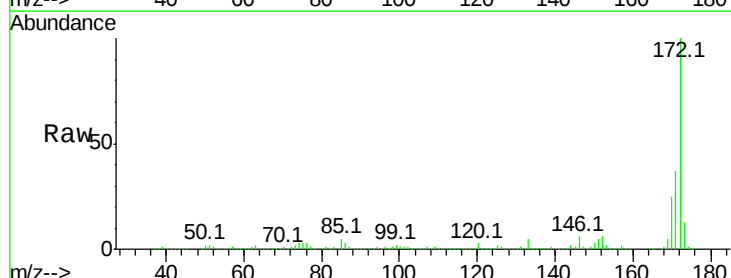


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

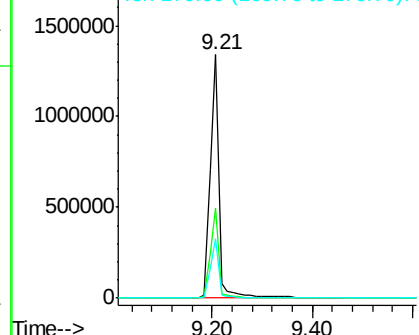
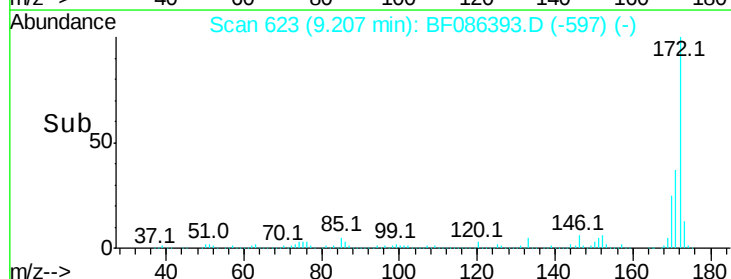


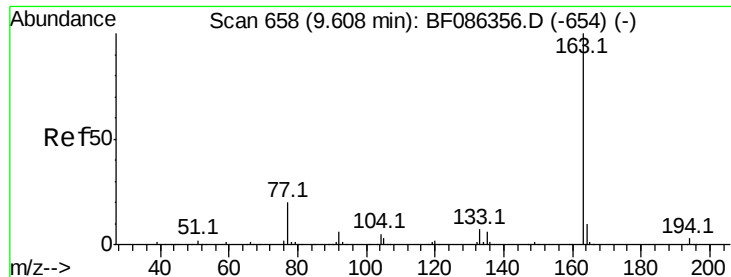
#44
 2-Fluorobiphenyl
 Concen: 91.44 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086393.D
 Acq: 23 Apr 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1608205		
171	37.0	29.0	43.6	
170	24.5	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





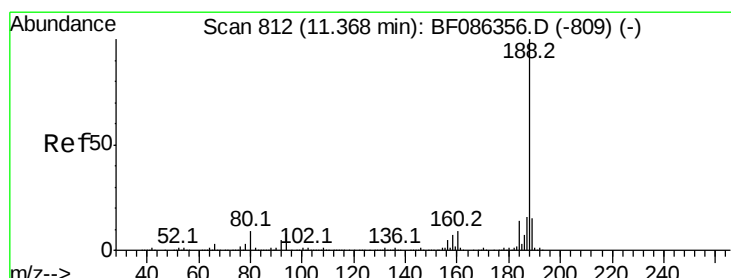
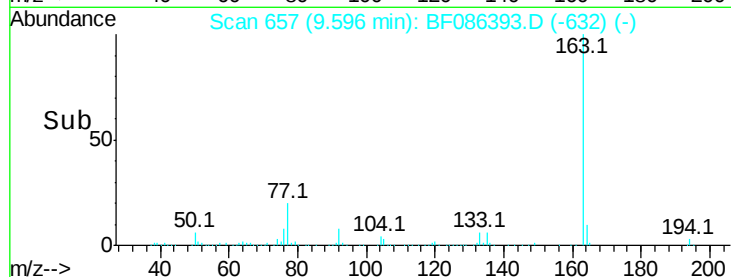
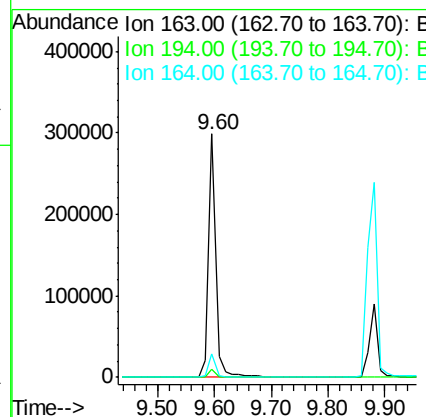
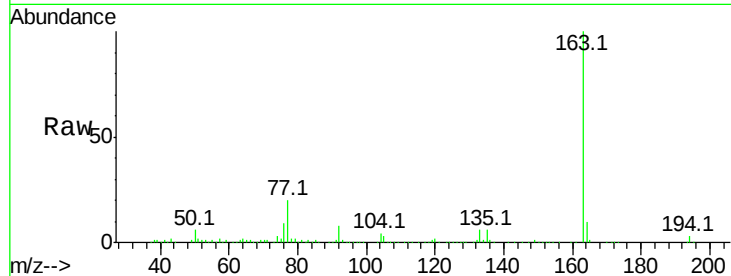
#49
Dimethylphthalate
Concen: 11.86 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Instrument :
BNA_F
ClientSampleId :
WPG-B13(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	257057		
194	3.3		2.6	4.0
164	9.6		8.2	12.4

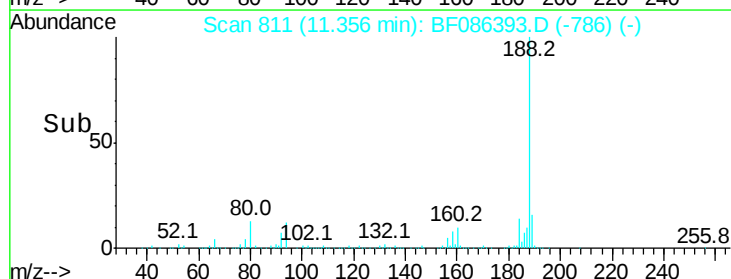
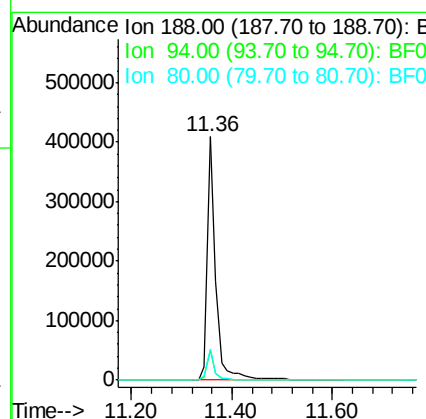
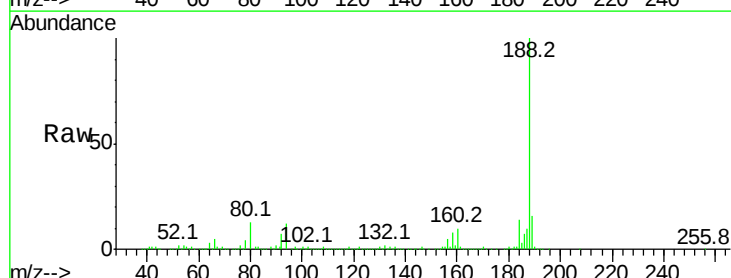
Manual Integrations
APPROVED

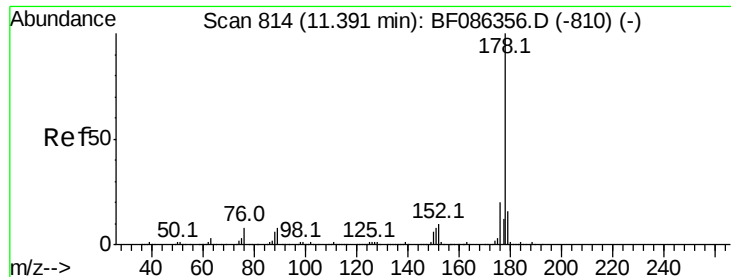
sohil
4/25/2016 12:36:00 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	482924		
94	12.1		6.8	10.2#
80	13.0		7.1	10.7#





#70

Phenanthrene

Concen: 8.56 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF086393.D

Acq: 23 Apr 2016 16:31

Instrument :

BNA_F

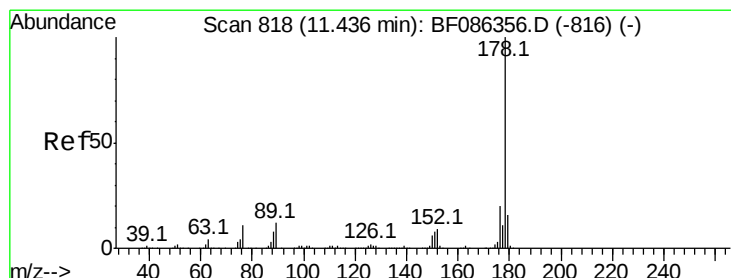
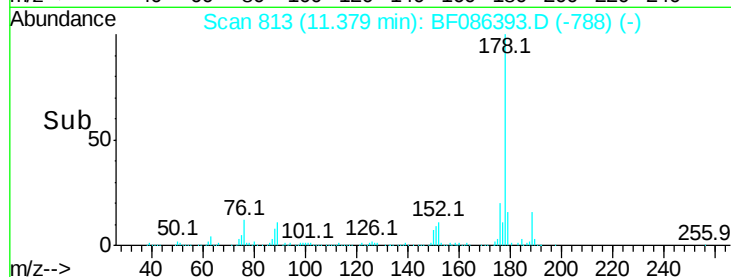
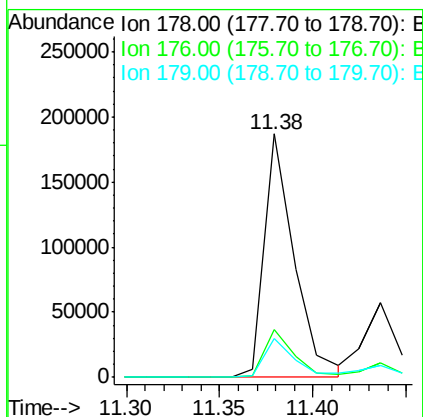
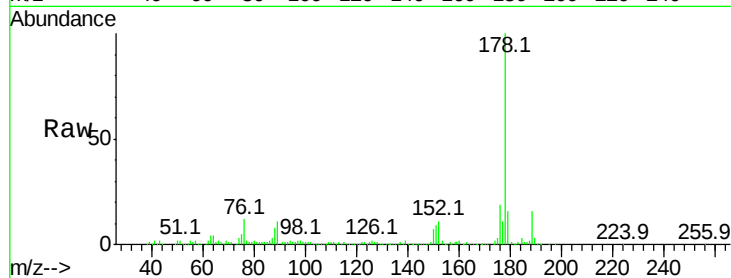
ClientSampleId :

WPG-B13(0-5)-C

Tot Ion:178	Resp:	207758
Ion Ratio	Lower	Upper
178	100	
176	19.5	16.0 24.0
179	16.2	12.6 18.8

Manual Integrations
APPROVED

sohil
4/25/2016 12:36:00 PM



#71

Anthracene

Concen: 3.24 ng

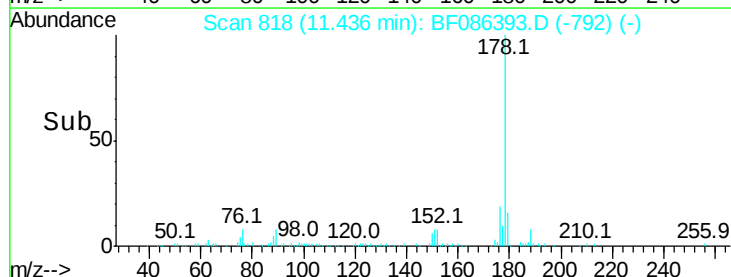
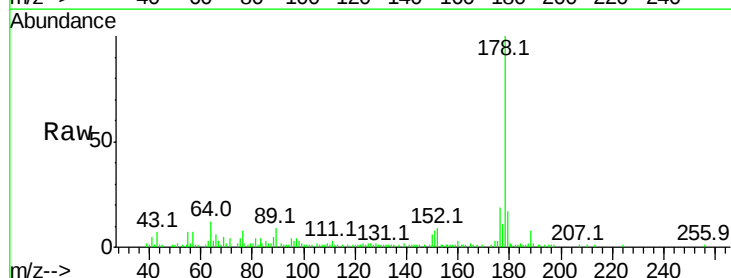
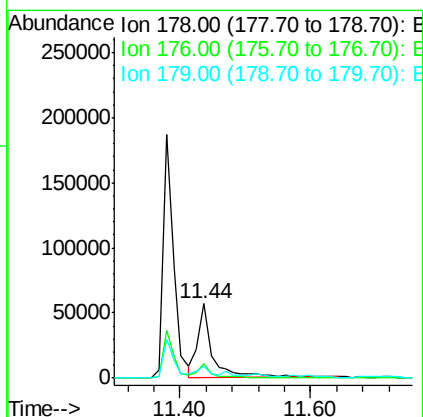
RT: 11.44 min Scan# 818

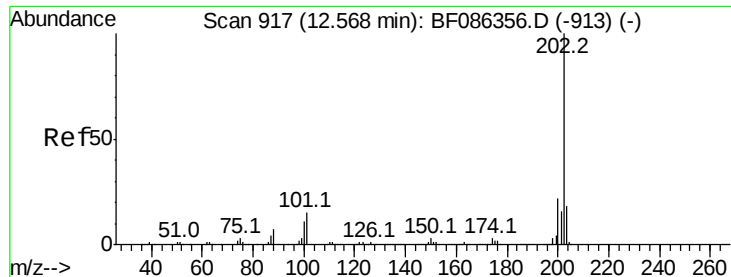
Delta R.T. -0.00 min

Lab File: BF086393.D

Acq: 23 Apr 2016 16:31

Tgt Ion:178	Resp:	89961
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.6 23.4
179	16.8	12.7 19.1





#74

Fluoranthene

Concen: 8.58 ng

RT: 12.58 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF086393.D

Acq: 23 Apr 2016 16:31

Instrument :

BNA_F

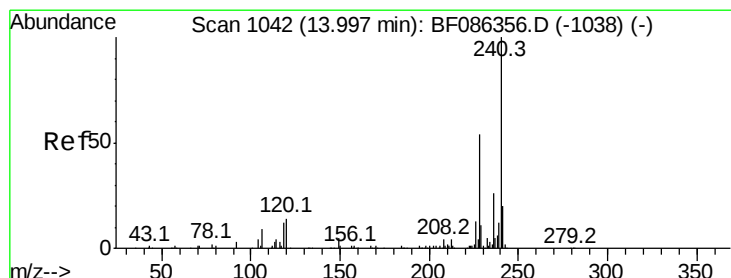
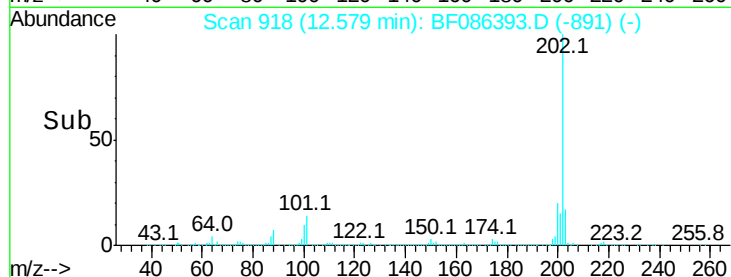
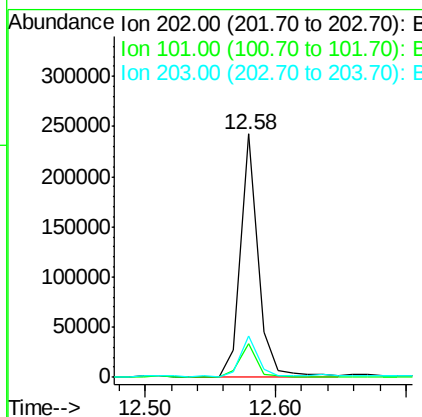
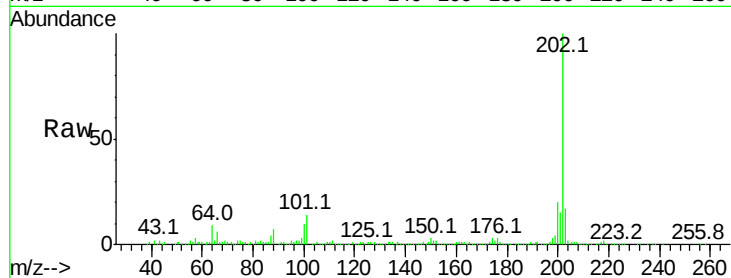
ClientSampleId :

WPG-B13(0-5)-C

Tot Ion:	202	Resp:	224603
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	35.4
203	16.8	0.0	38.1

Manual Integrations
APPROVED

sohil
4/25/2016 12:36:00 PM



#75

Chrysene-d12

Concen: 20.00 ng

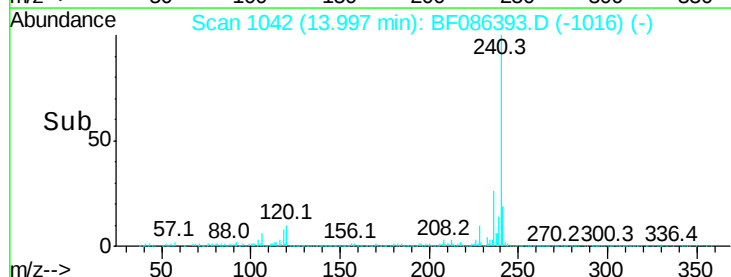
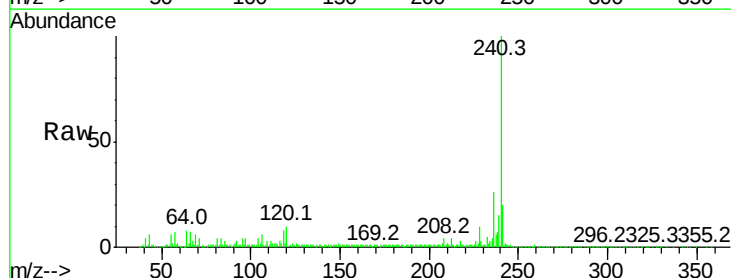
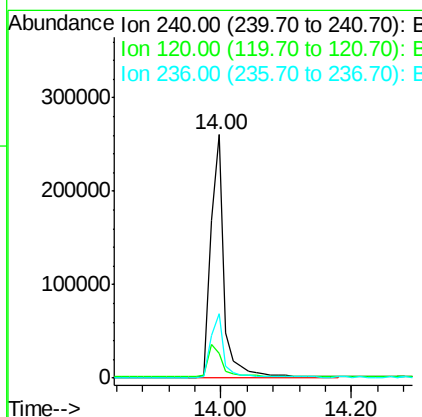
RT: 14.00 min Scan# 1042

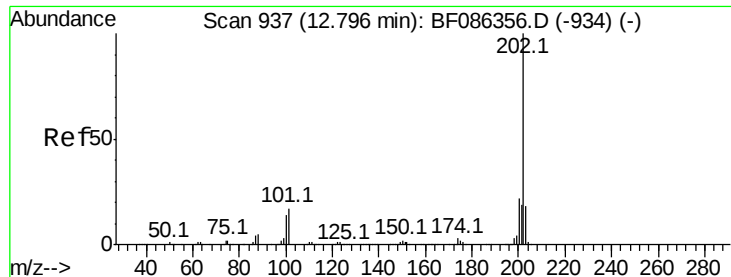
Delta R.T. -0.00 min

Lab File: BF086393.D

Acq: 23 Apr 2016 16:31

Tgt Ion:	240	Resp:	372727
Ion Ratio	Lower	Upper	
240	100		
120	10.1	11.2	16.8#
236	26.5	21.2	31.8





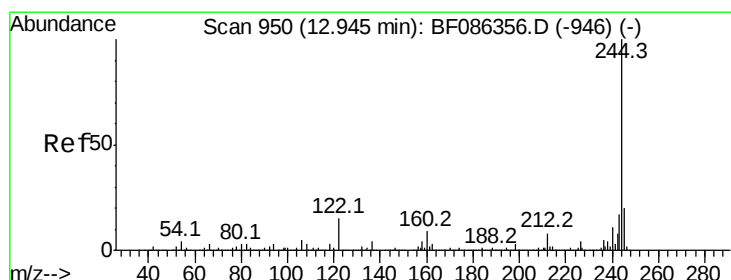
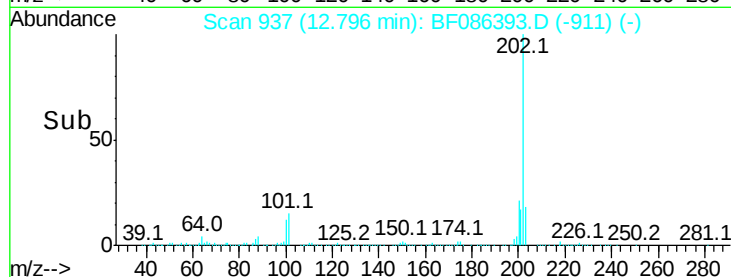
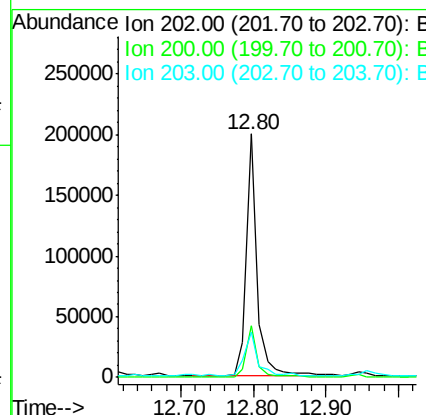
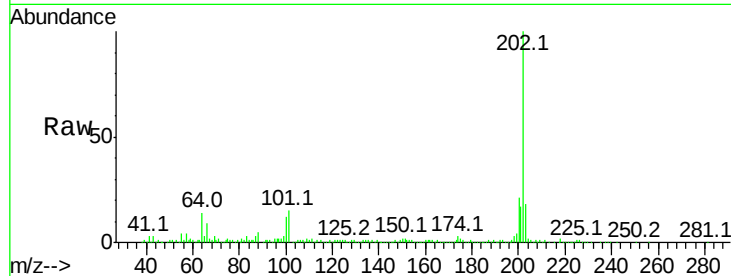
#77
Pvrene
Concen: 8.02 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Instrument :
BNA_F
ClientSampleId :
WPG-B13(0-5)-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.4	17.7	26.5		
203	18.4	14.2	21.4		

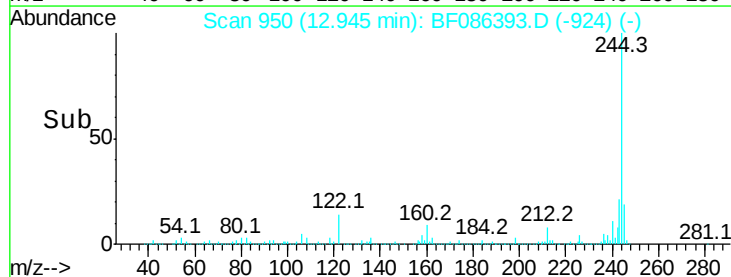
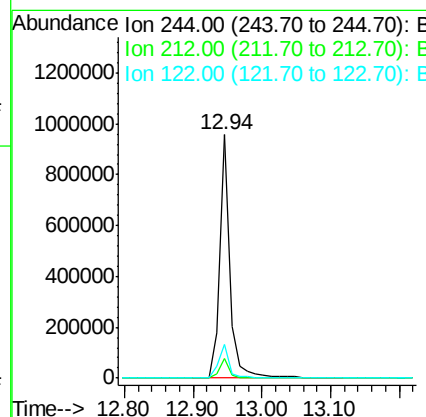
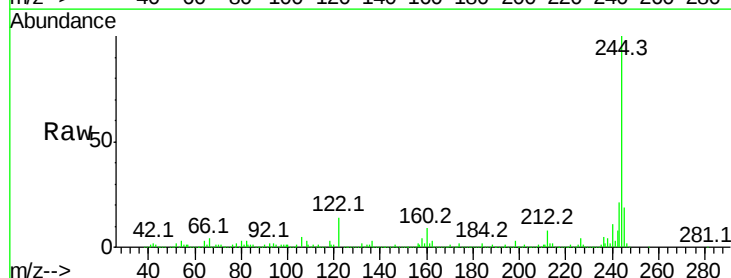
Manual Integrations
APPROVED

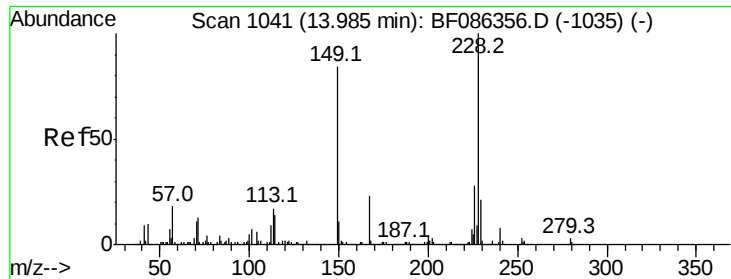
sohil
4/25/2016 12:36:00 PM



#78
Terphenyl-d14
Concen: 67.87 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.8	6.2	9.2		
122	14.1	12.0	18.0		





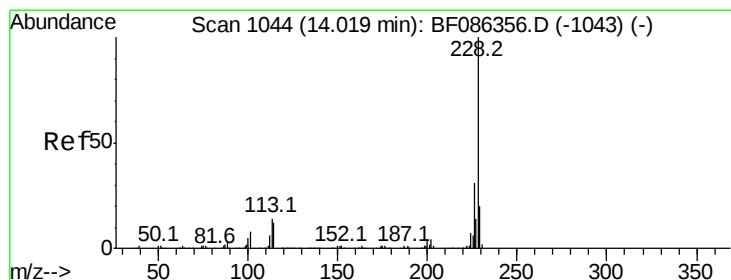
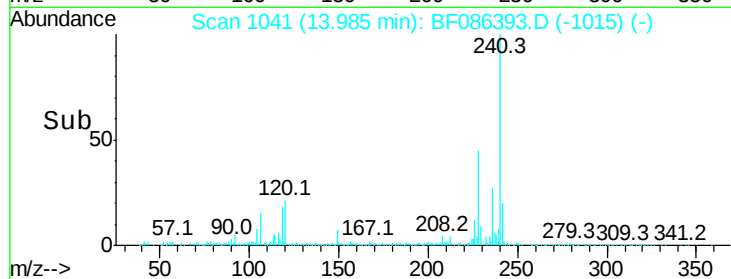
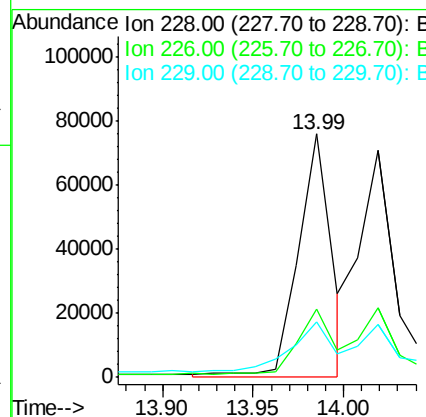
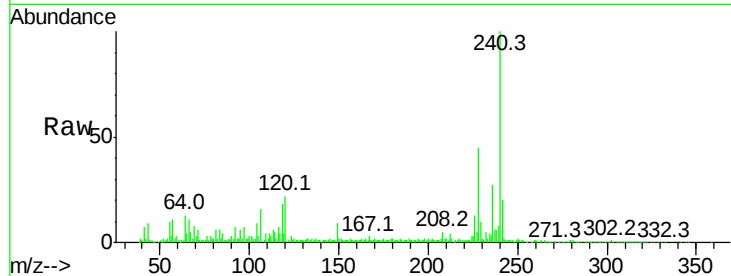
#80
Benzo(a)anthracene
Concen: 5.07 ng m
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Instrument :
BNA_F
ClientSampleId :
WPG-B13(0-5)-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	22.9	16.6	25.0

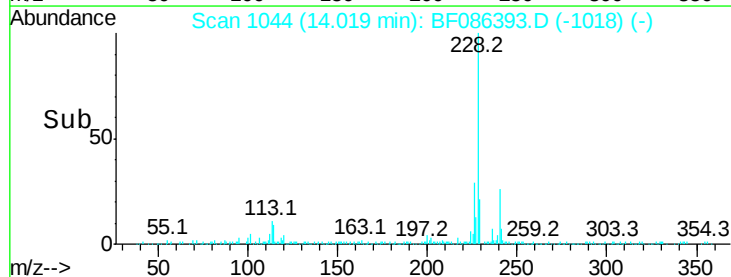
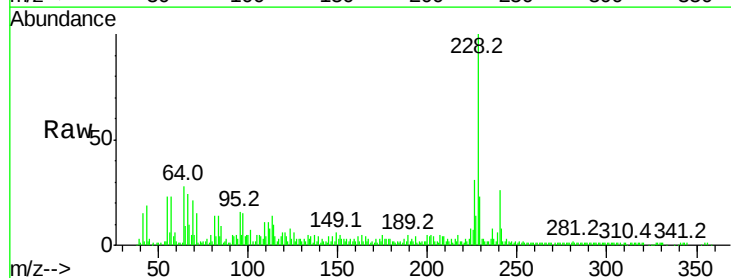
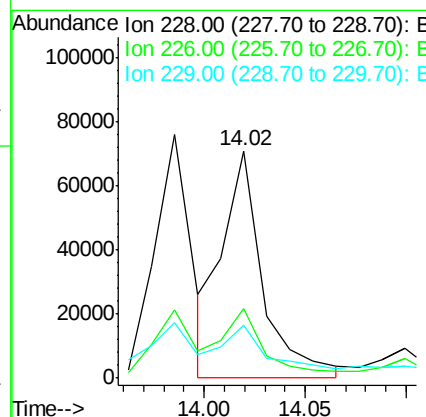
Manual Integrations
APPROVED

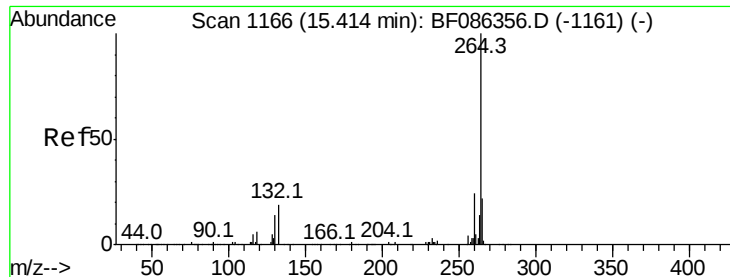
sohil
4/25/2016 12:36:00 PM



#82
Chrysene
Concen: 4.57 ng m
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.5	15.8	23.8





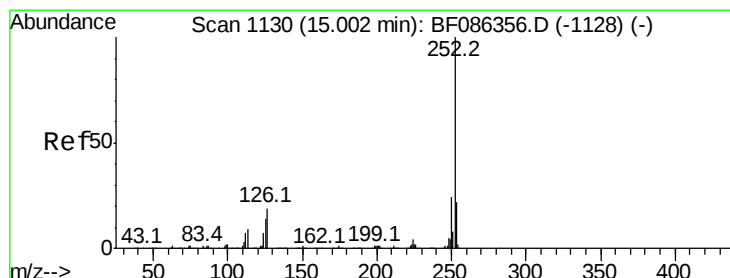
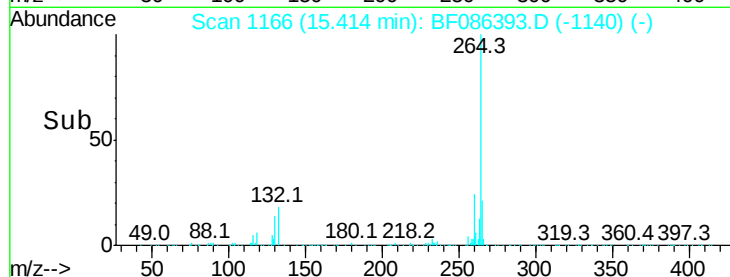
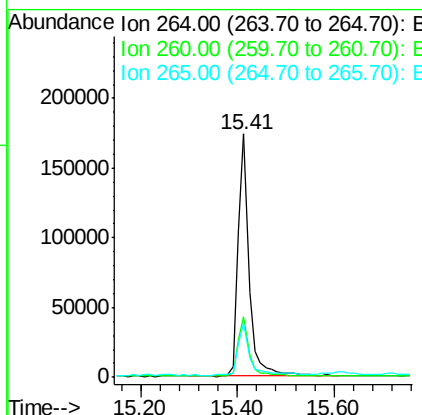
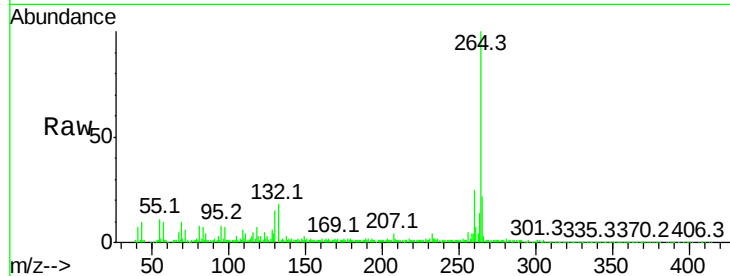
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Instrument :
BNA_F
ClientSampleId :
WPG-B13(0-5)-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.0	17.3	25.9

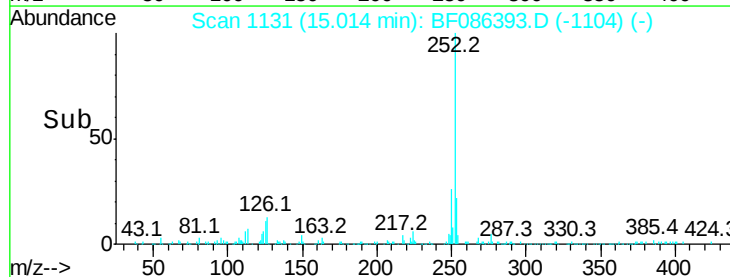
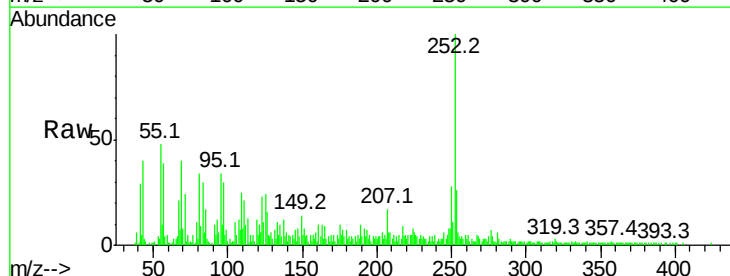
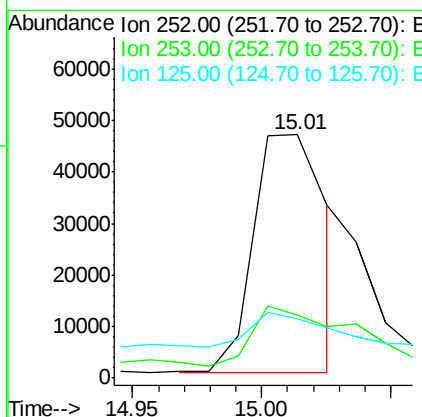
Manual Integrations
APPROVED

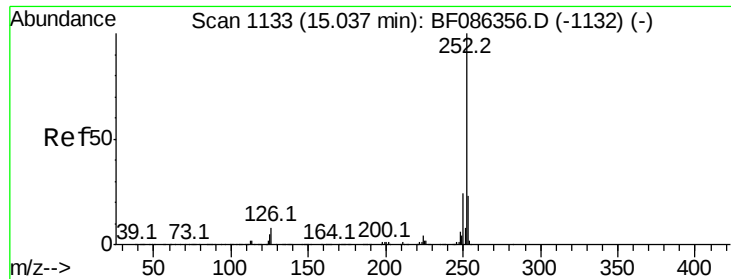
sohil
4/25/2016 12:36:00 PM



#87
Benzo(b)fluoranthene
Concen: 6.00 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.6
125	24.2	11.4	17.0#





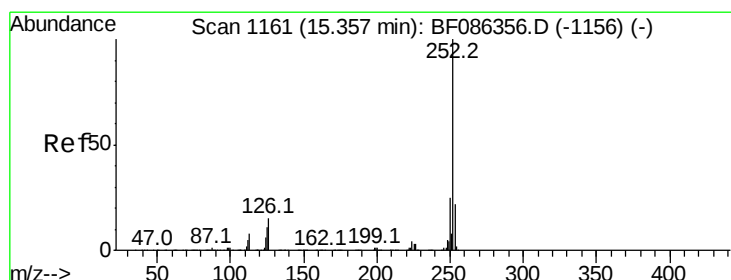
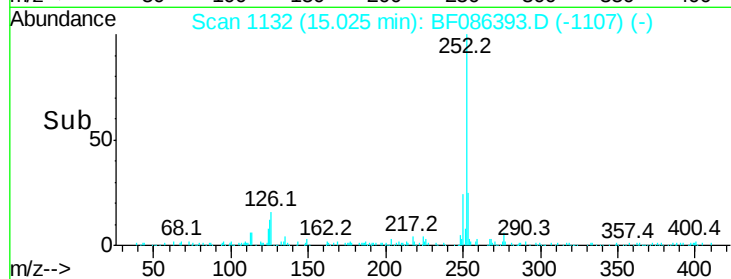
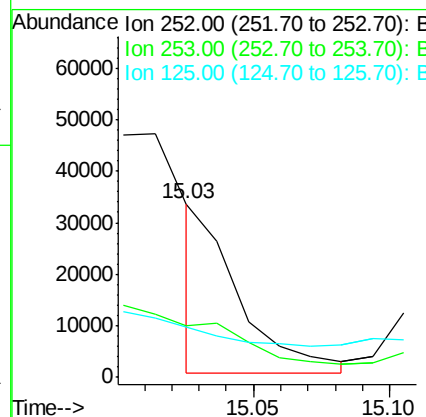
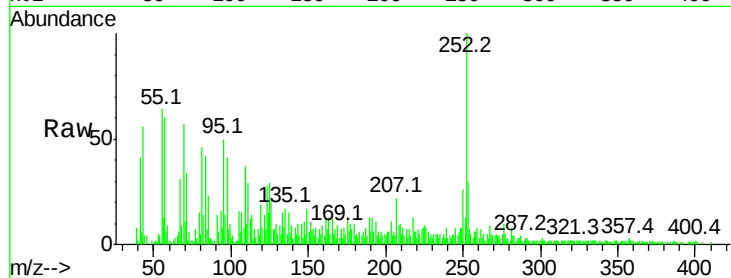
#88
Benzo(k)fluoranthene
Concen: 2.15 ng/ml
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Instrument :
BNA_F
ClientSampleId :
WPG-B13(0-5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.8	26.6#
125	29.0	9.1	13.7#

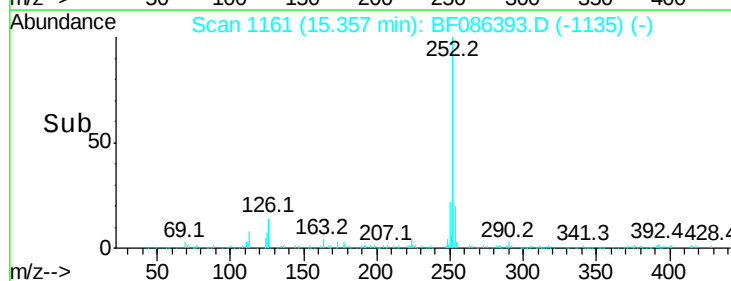
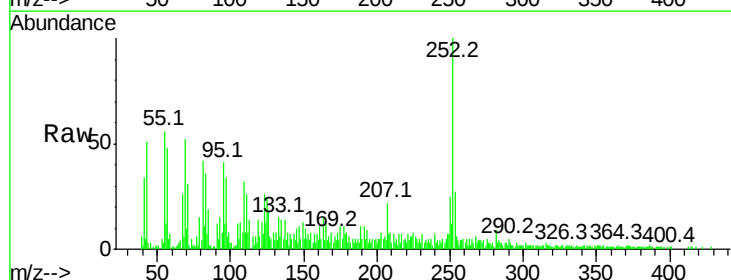
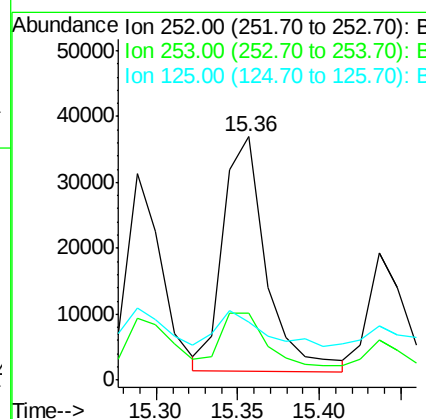
Manual Integrations
APPROVED

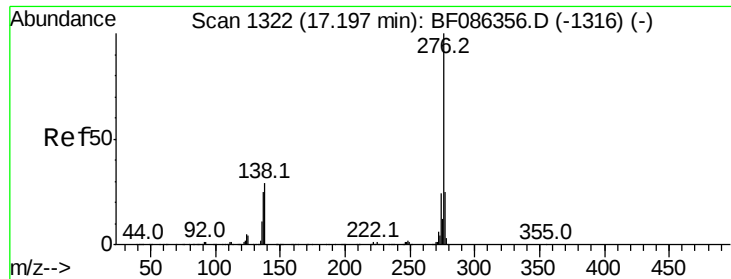
sohil
4/25/2016 12:36:00 PM



#89
Benzo(a)pyrene
Concen: 4.37 ng/ml
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF086393.D
Acq: 23 Apr 2016 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.2	25.8#
125	23.8	9.0	13.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.70 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086393.D
 Acq: 23 Apr 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B13(0-5)-C

Tot Ion:	276	Resp:	34289
Ion Ratio	Lower	Upper	
276	100		
277	27.3	19.6	29.4
138	33.5	23.6	35.4

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:36:00 PM

