

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086405.D
 Acq On : 23 Apr 2016 22:19
 Operator : UM/SJ
 Sample : H2652-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B10(5-8.5)-C

Manual Integrations
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Quant Time: Apr 25 07:09:13 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	168587	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	663650	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	282260	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	469339	20.00	ng	0.00
75) Chrysene-d12	14.00	240	348714	20.00	ng	0.00
86) Perylene-d12	15.41	264	257177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1038379	106.37	ng	0.02
7) Phenol-d6	6.49	99	1370475	103.26	ng	0.01
23) Nitrobenzene-d5	7.41	82	833407	74.39	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	237062	92.78	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1351835	81.73	ng	0.00
78) Terphenyl-d14	12.94	244	949800	67.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	305571	14.99	ng	99
70) Phenanthrene	11.39	178	71234	3.02	ng	99
74) Fluoranthene	12.57	202	209172	8.22	ng	95
77) Pyrene	12.80	202	190904	7.85	ng	97
80) Benzo(a)anthracene	13.99	228	81606	4.51	ng	99
82) Chrysene	14.02	228	69116	3.39	ng	98
87) Benzo(b)fluoranthene	15.01	252	75581m	5.35	ng	
88) Benzo(k)fluoranthene	15.04	252	37247m	2.69	ng	
89) Benzo(a)pyrene	15.36	252	52481	3.77	ng	# 86
91) Benzo(g,h,i)perylene	17.21	276	32652	2.75	ng	93

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

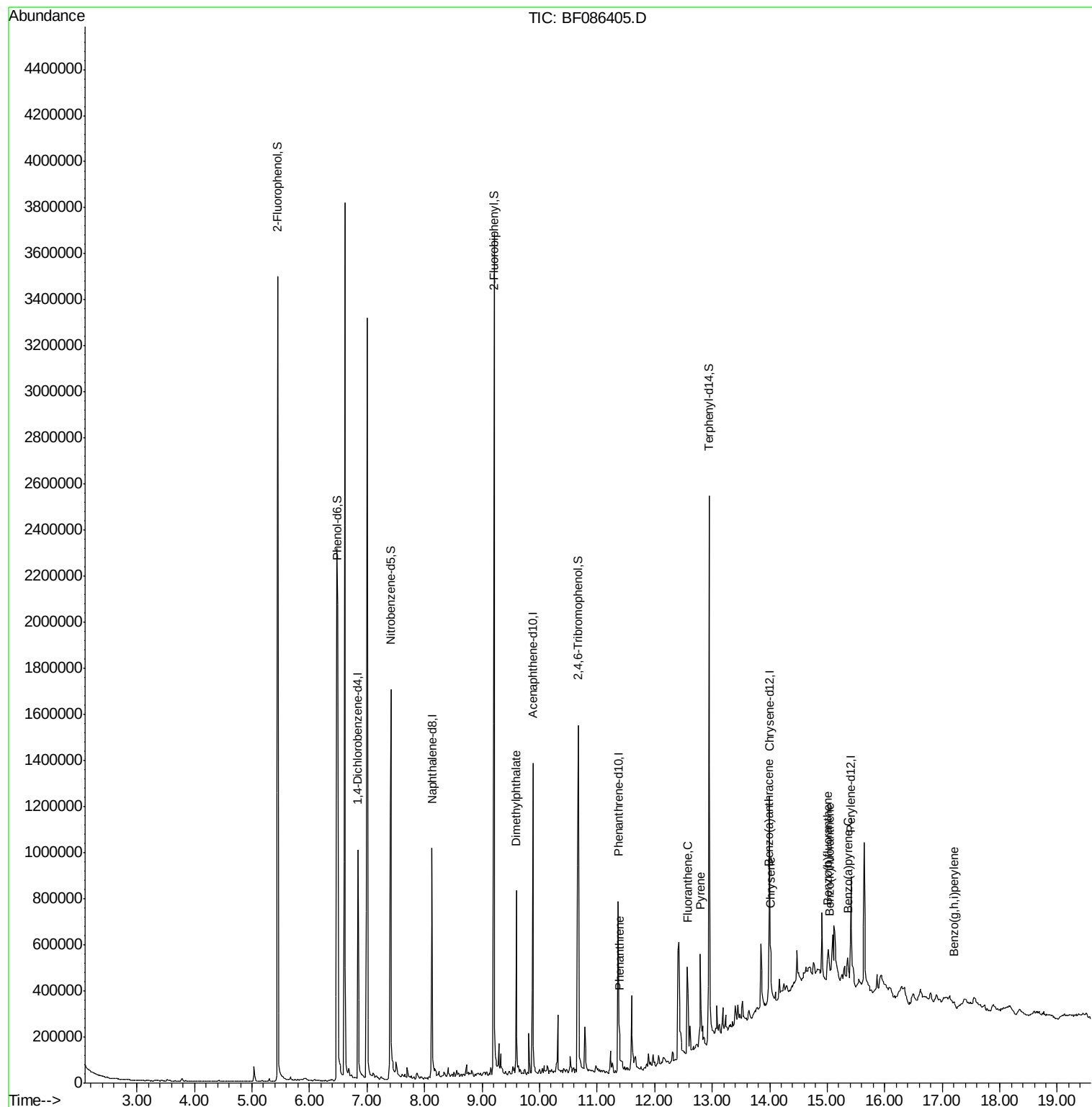
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Misc :
ALS Vial : 49 Sample Multiplier: 1

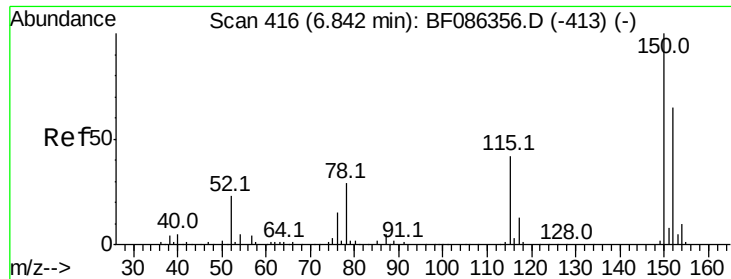
Instrument :
BNA_F
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WPG-B10(5-8.5)-C

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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: BF086405.D

Acq: 23 Apr 2016 22:19

Instrument :

BNA_F

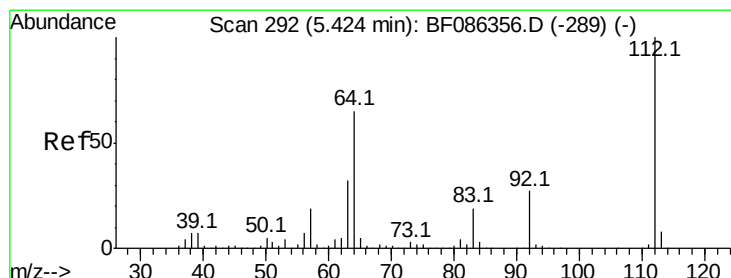
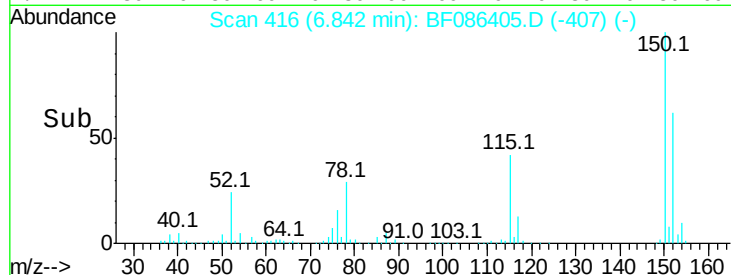
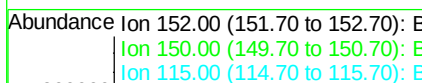
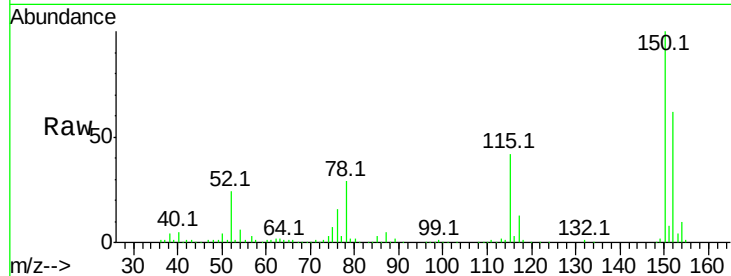
ClientSampleId :

WPG-B10(5-8.5)-C

Tot Ion:	152	Resp:	168587
Ion Ratio	Lower	Upper	
152	100		
150	162.6	125.8	188.6
115	67.9	51.5	77.3

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#5

2-Fluorophenol

Concen: 106.37 ng

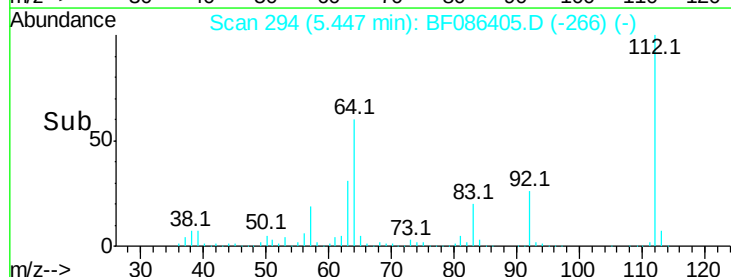
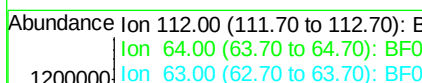
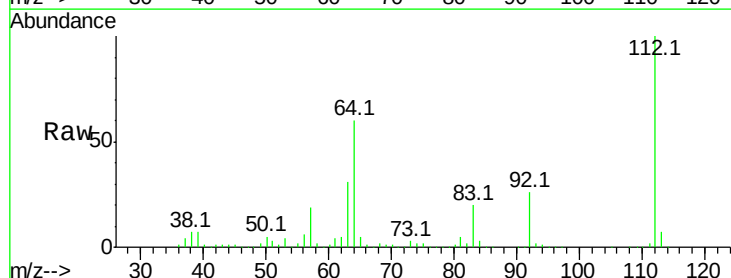
RT: 5.45 min Scan# 294

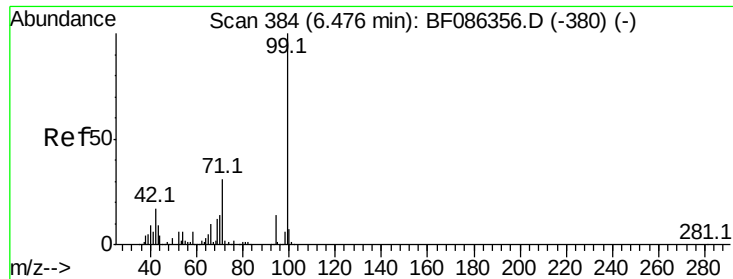
Delta R.T. 0.02 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Tgt Ion:	112	Resp:	1038379
Ion Ratio	Lower	Upper	
112	100		
64	60.2	52.1	78.1
63	31.5	25.7	38.5





#7

Phenol-d6

Concen: 103.26 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Instrument :

BNA_F

ClientSampleId :

WPG-B10(5-8.5)-C

Tot Ion: 99 Resp: 1370475

Ion Ratio Lower Upper

99 100

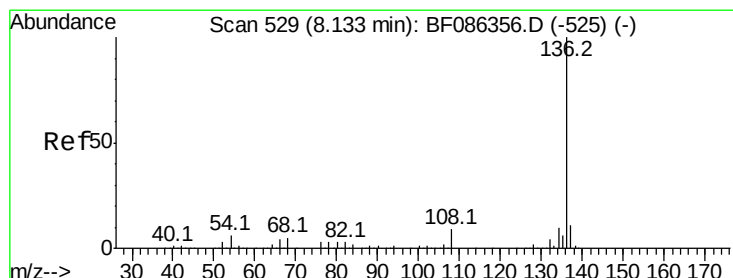
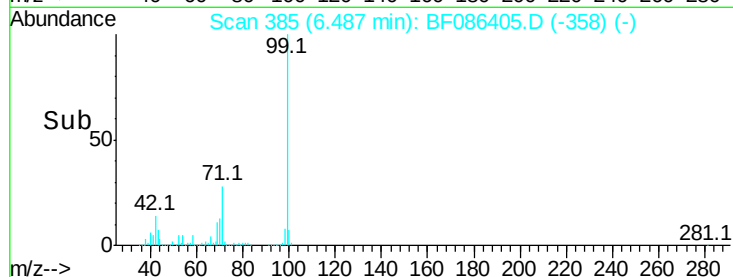
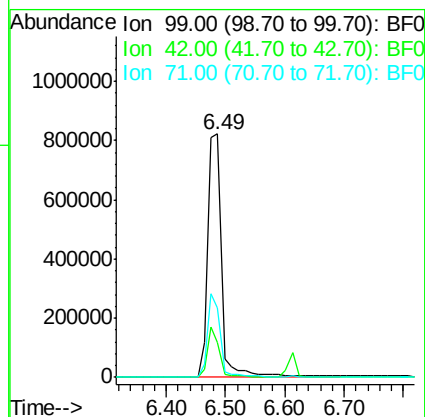
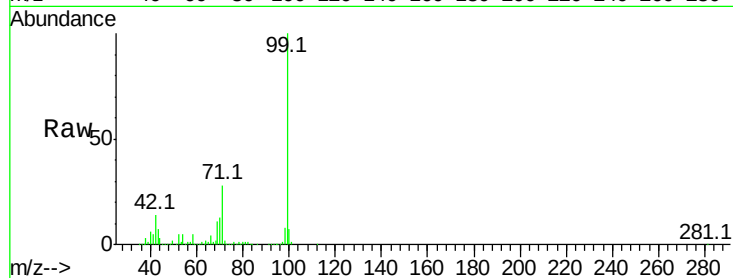
42 14.3 13.6 20.4

71 28.5 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: BF086405.D

Acq: 23 Apr 2016 22:19

Tgt Ion: 136 Resp: 663650

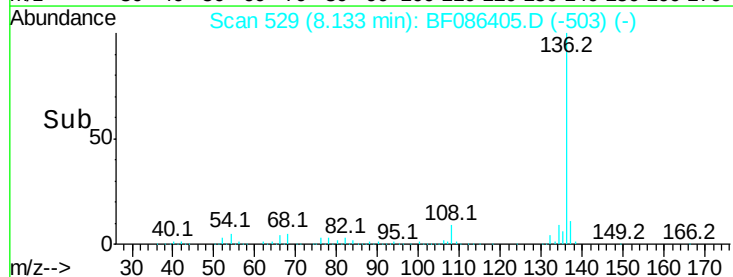
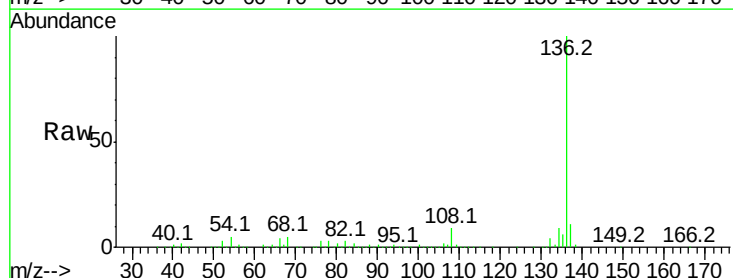
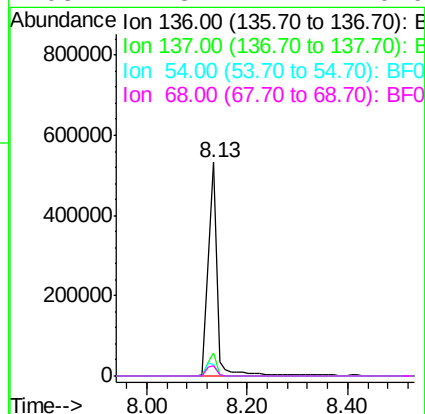
Ion Ratio Lower Upper

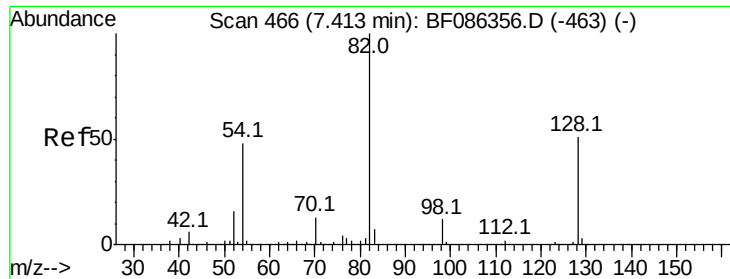
136 100

137 10.9 8.8 13.2

54 5.3 5.0 7.4

68 4.8 4.4 6.6





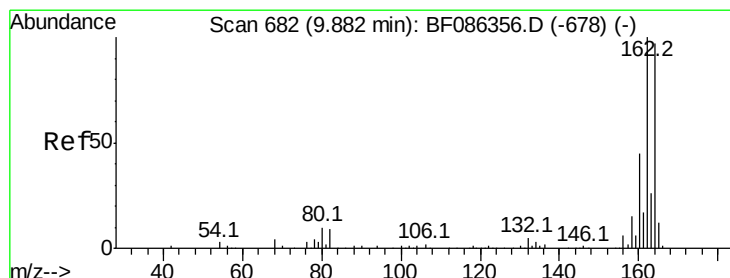
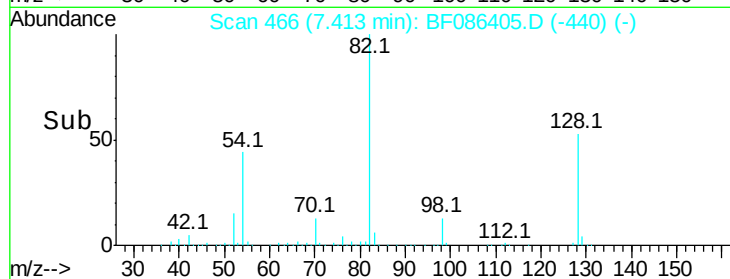
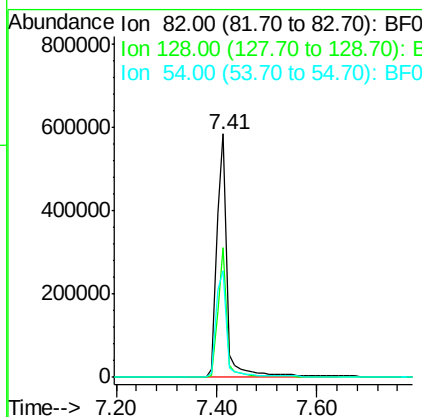
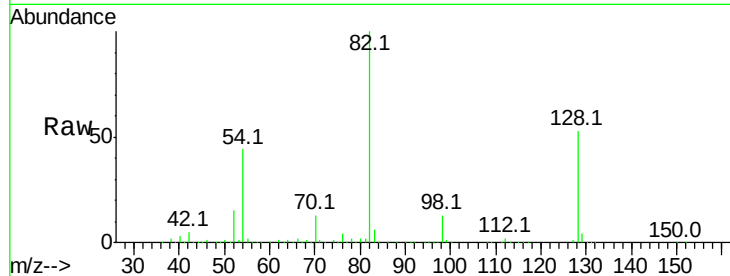
#23
 Nitrobenzene-d5
 Concen: 74.39 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF086405.D
 Acq: 23 Apr 2016 22:19

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B10(5-8.5)-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.4	40.6	61.0
54	44.0	38.1	57.1

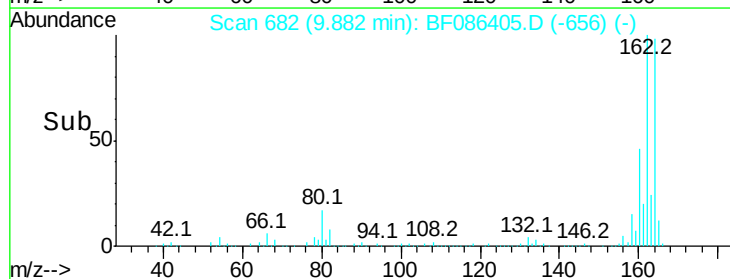
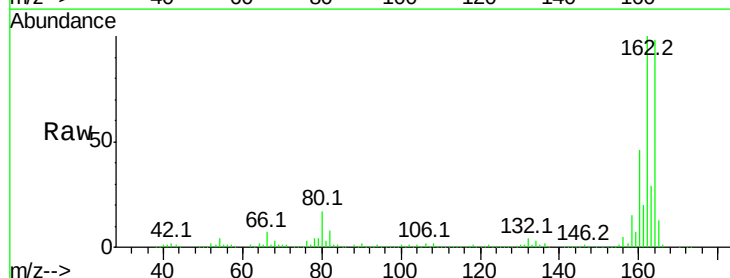
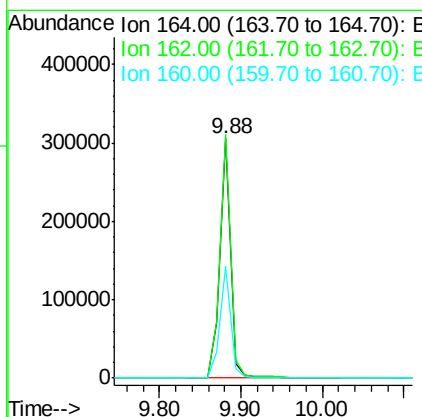
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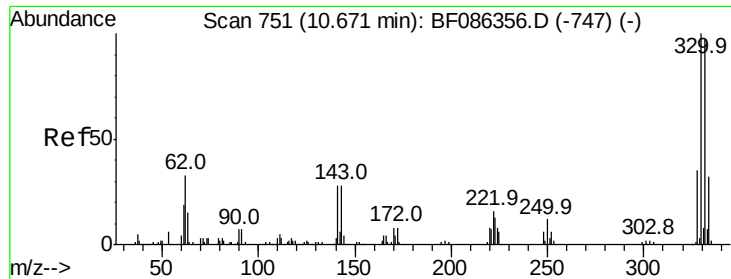
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF086405.D
 Acq: 23 Apr 2016 22:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.5	36.9	55.3





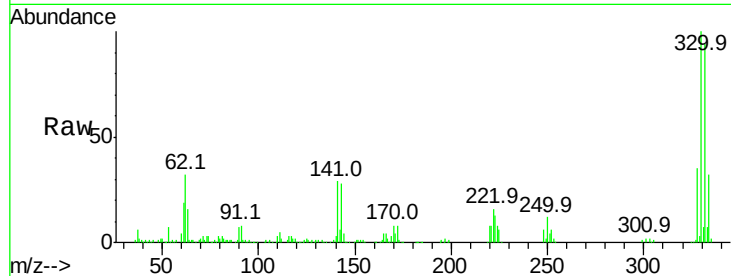
#41
 2,4,6-Tribromophenol
 Concen: 92.78 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086405.D
 Acq: 23 Apr 2016 22:19

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B10(5-8.5)-C

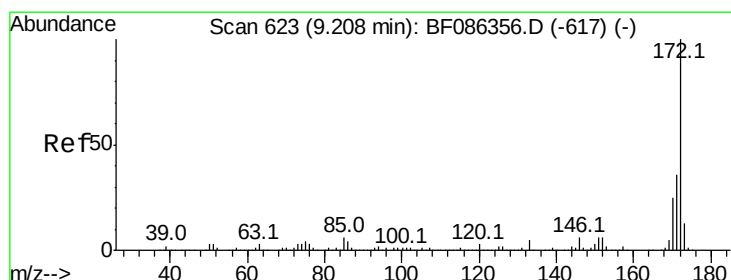
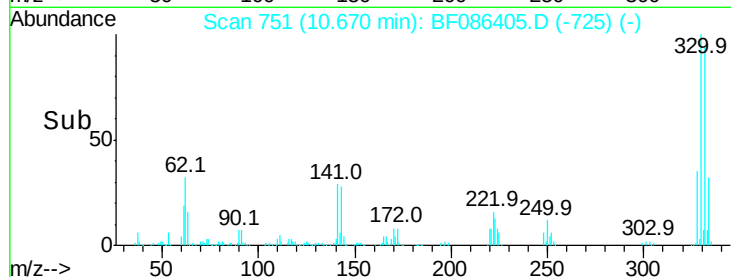
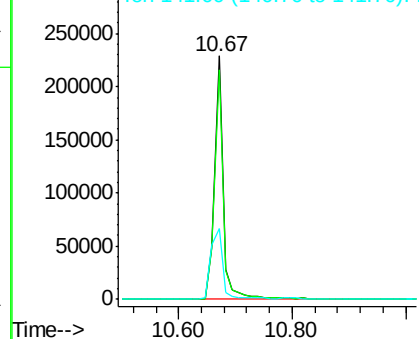
Tot Ion	Ratio	Resp	Lower	Upper
330	100	237062		
332	95.6	79.0	118.4	
141	40.3	31.2	46.8	

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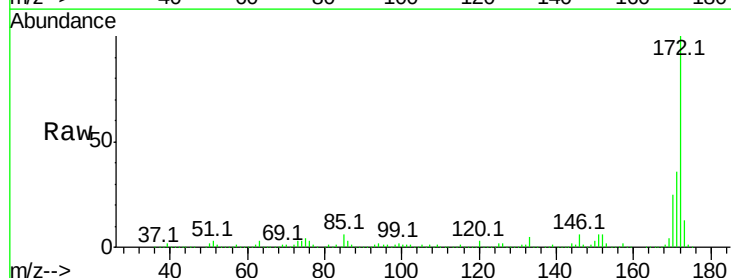


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

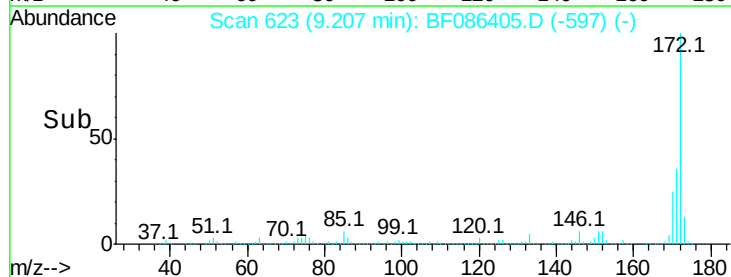
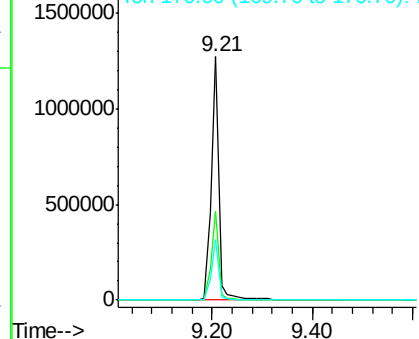


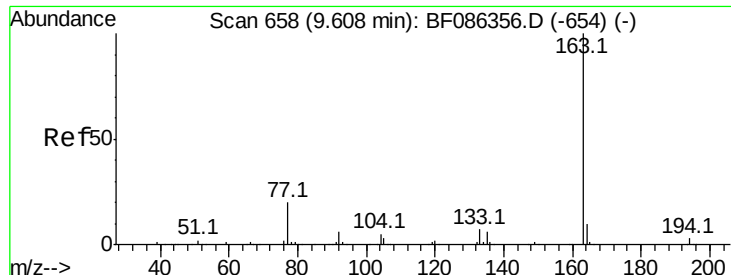
#44
 2-Fluorobiphenyl
 Concen: 81.73 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086405.D
 Acq: 23 Apr 2016 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1351835		
171	36.3	29.0	43.6	
170	24.8	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





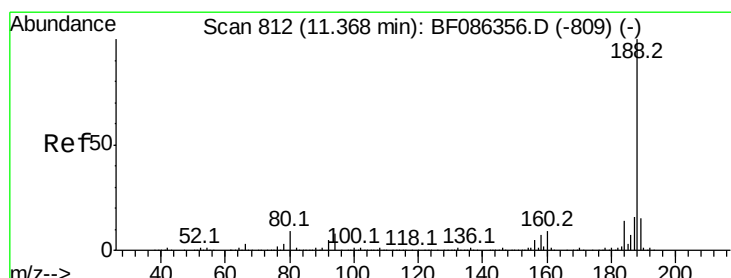
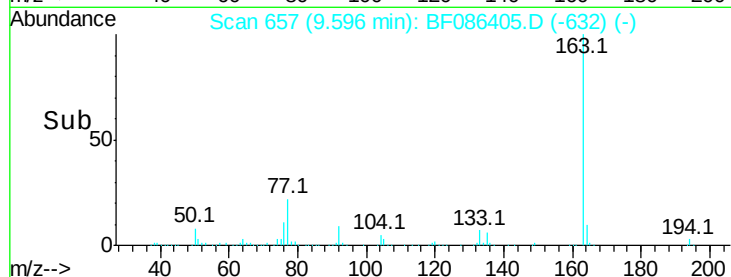
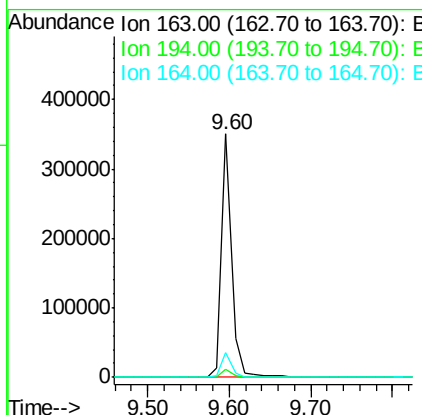
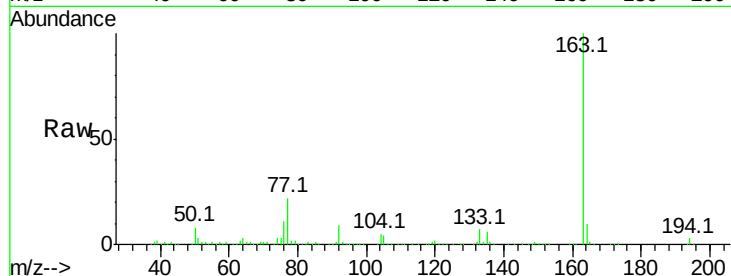
#49
Dimethylphthalate
Concen: 14.99 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086405.D
Acq: 23 Apr 2016 22:19

Instrument :
BNA_F
ClientSampleId :
WPG-B10(5-8.5)-C

Tot Ion:	163	Resp:	305571
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.0	8.2	12.4

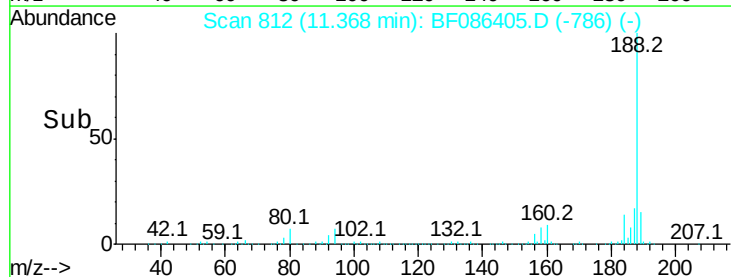
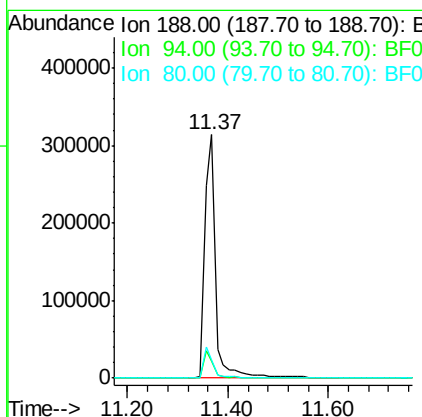
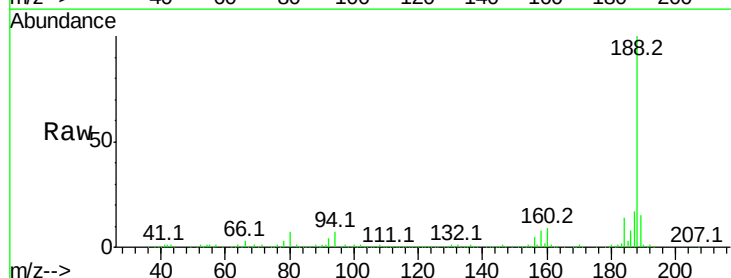
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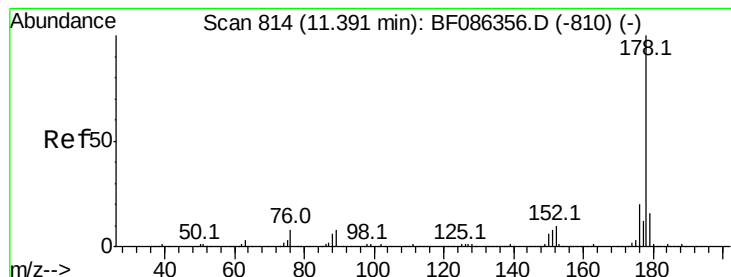
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF086405.D
Acq: 23 Apr 2016 22:19

Tgt Ion:	188	Resp:	469339
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.8	10.2
80	7.3	7.1	10.7





#70

Phenanthrene

Concen: 3.02 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Instrument :

BNA_F

ClientSampleId :

WPG-B10(5-8.5)-C

Tot Ion:178 Resp: 71234

Ion Ratio Lower Upper

178 100

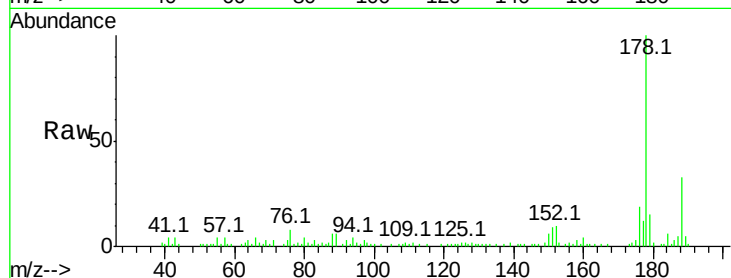
176 19.3 16.0 24.0

179 15.3 12.6 18.8

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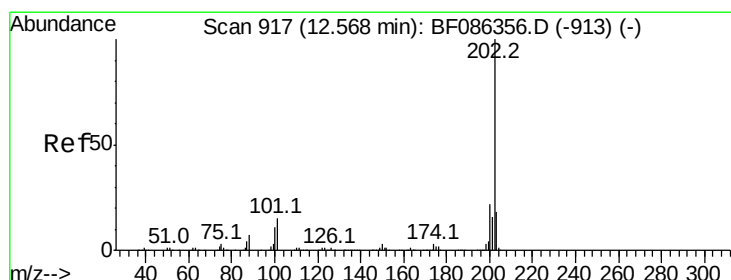
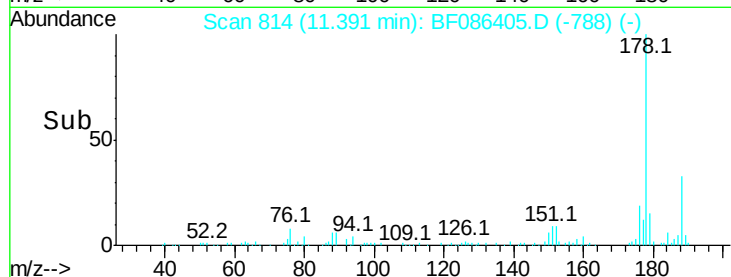
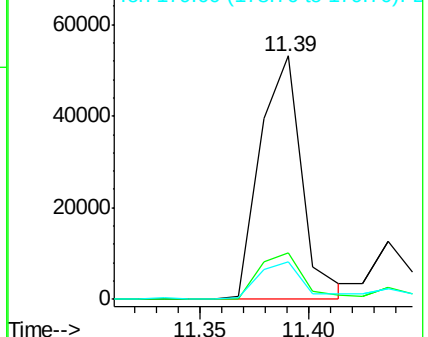
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 8.22 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

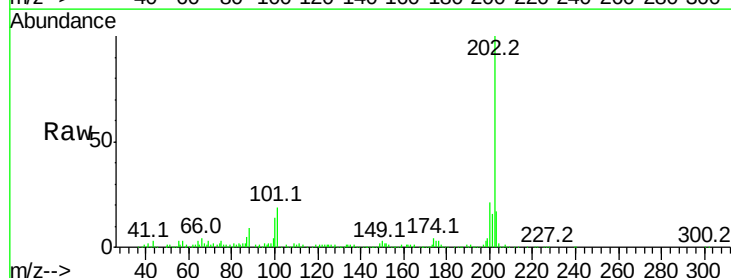
Tgt Ion:202 Resp: 209172

Ion Ratio Lower Upper

202 100

101 19.0 0.0 35.4

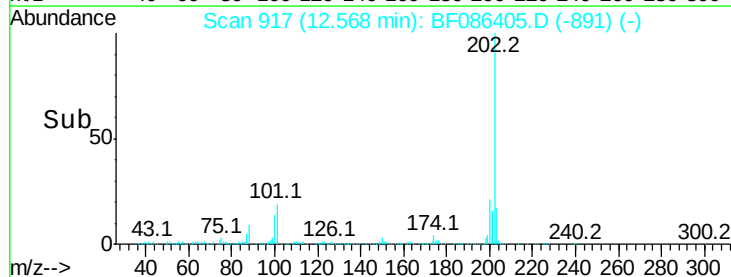
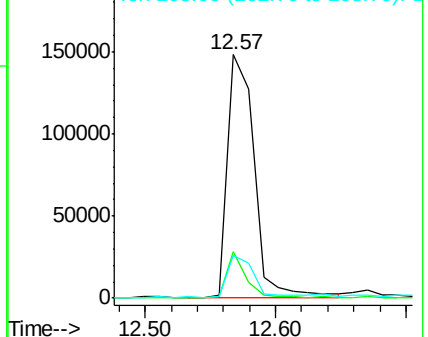
203 17.5 0.0 38.1

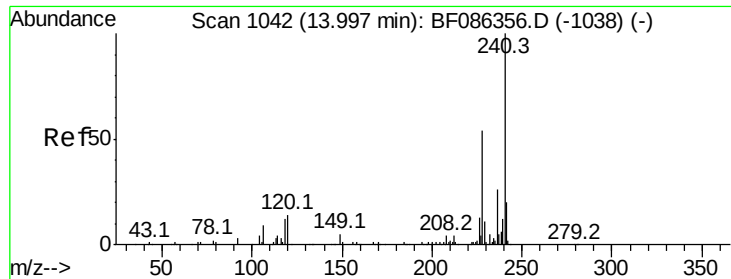


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086405.D

Acq: 23 Apr 2016 22:19

Instrument :

BNA_F

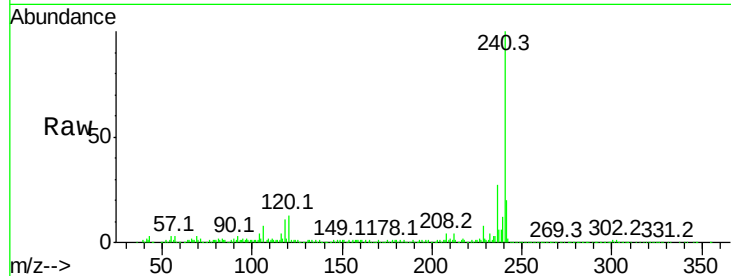
ClientSampleId :

WPG-B10(5-8.5)-C

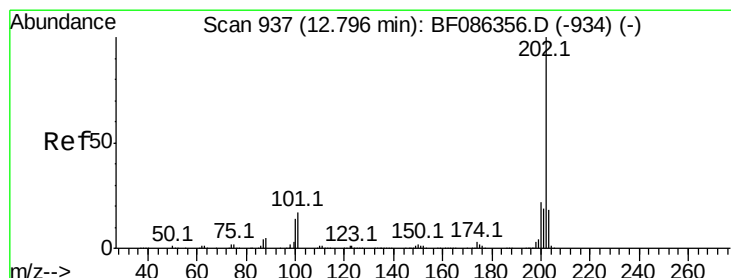
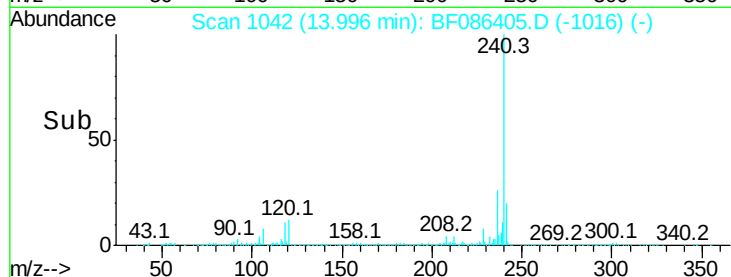
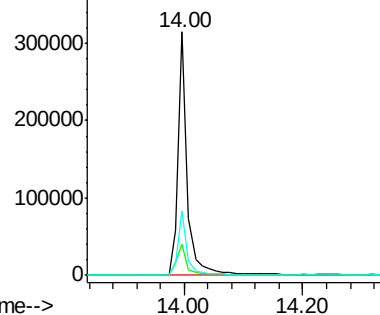
Tot Ion:	240	Resp:	348714
Ion Ratio	Lower	Upper	
240	100		
120	12.6	11.2	16.8
236	26.5	21.2	31.8

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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: 7.85 ng

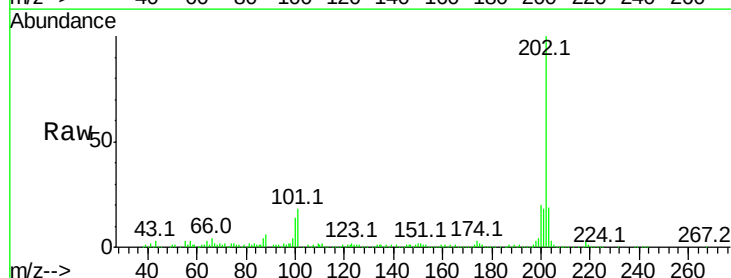
RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

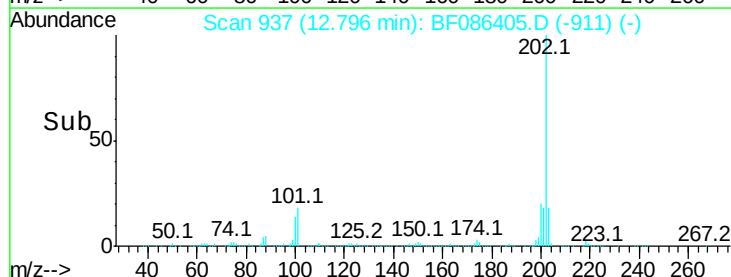
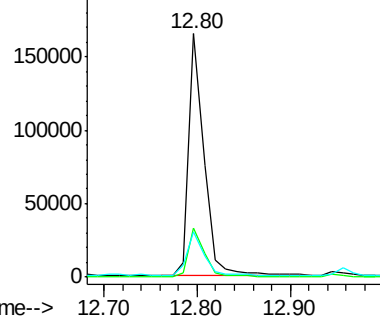
Lab File: BF086405.D

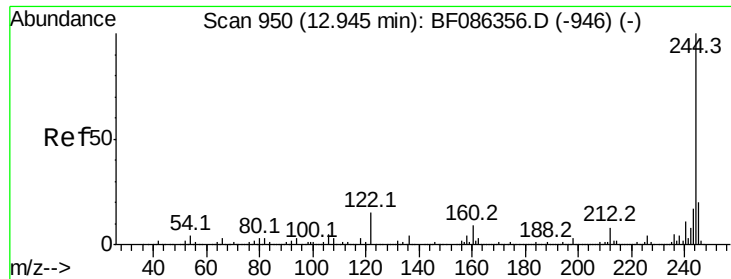
Acq: 23 Apr 2016 22:19

Tgt Ion:	202	Resp:	190904
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.7	26.5
203	18.8	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





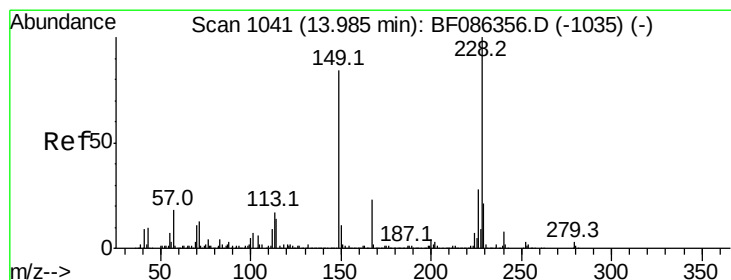
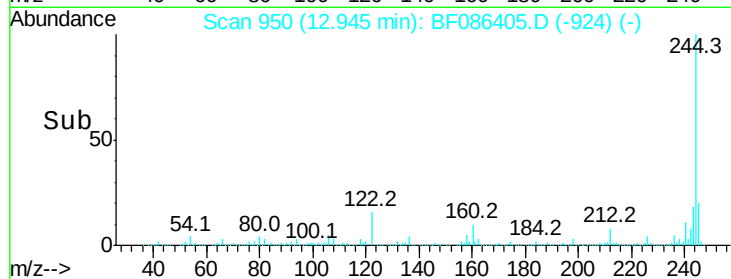
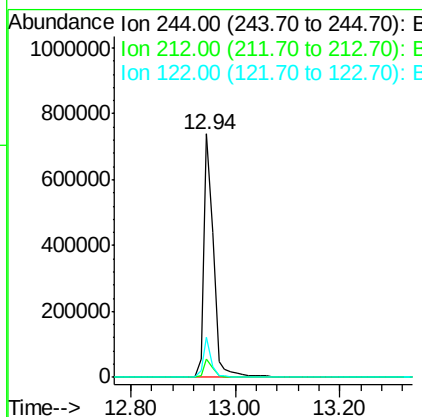
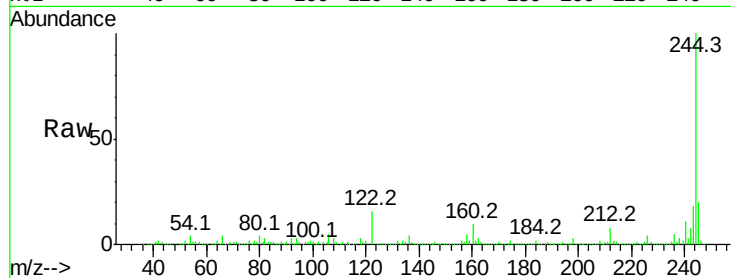
#78
 Terphenyl-d14
 Concen: 67.67 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086405.D
 Acq: 23 Apr 2016 22:19

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B10(5-8.5)-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	16.2	12.0	18.0

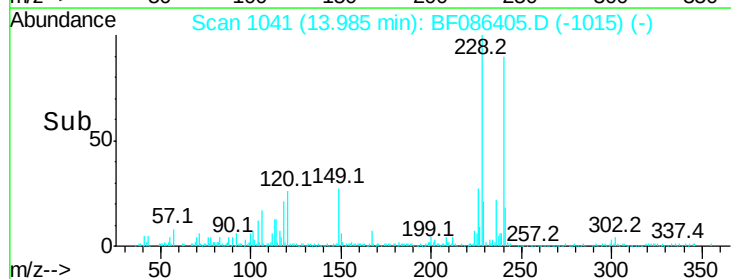
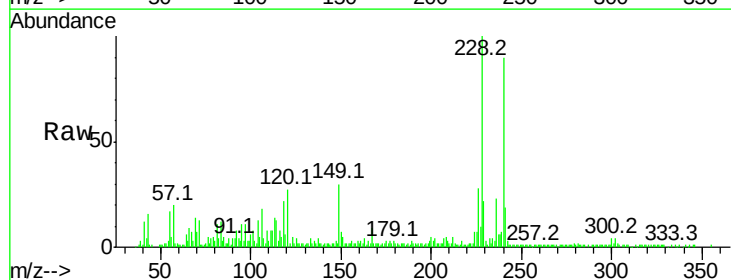
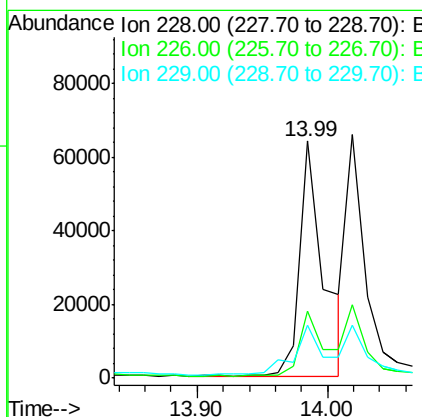
Manual Integrations
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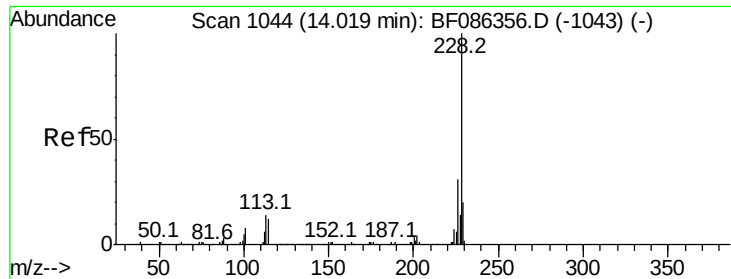
sohil
 4/25/2016 12:36:11 PM



#80
 Benzo(a)anthracene
 Concen: 4.51 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF086405.D
 Acq: 23 Apr 2016 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	22.2	16.6	25.0





#82

Chrysene

Concen: 3.39 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Instrument :

BNA_F

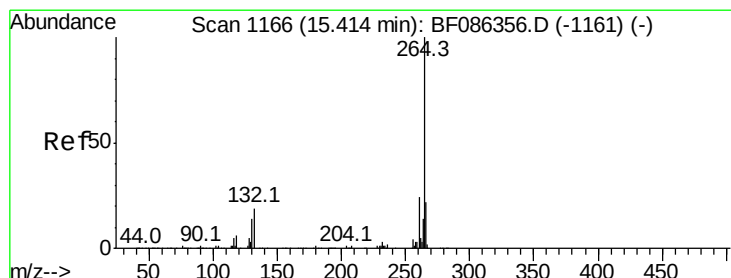
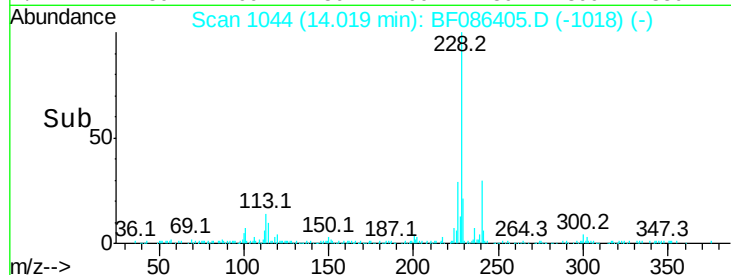
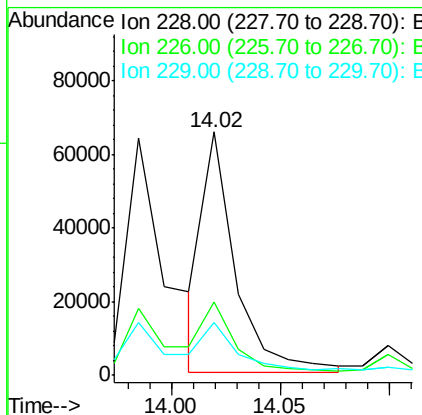
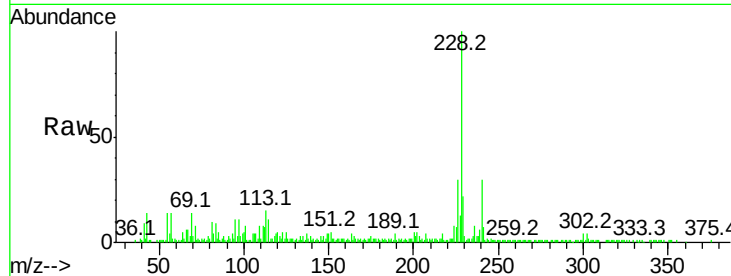
ClientSampleId :

WPG-B10(5-8.5)-C

Tot Ion:	228	Resp:	69116
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	21.9	15.8	23.8

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#86

Perylene-d12

Concen: 20.00 ng

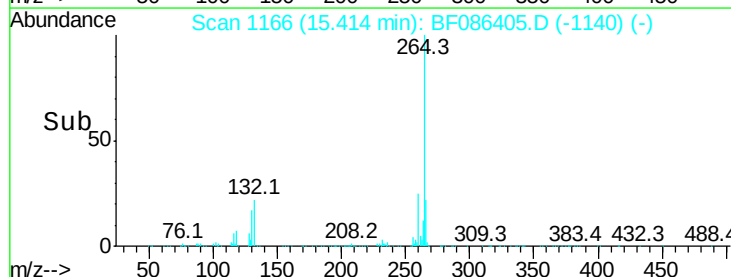
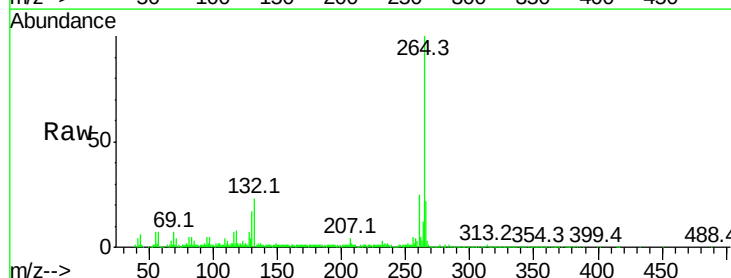
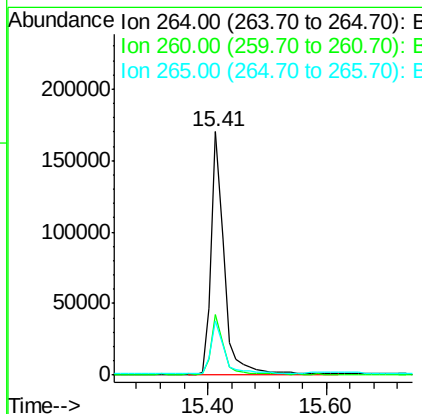
RT: 15.41 min Scan# 1166

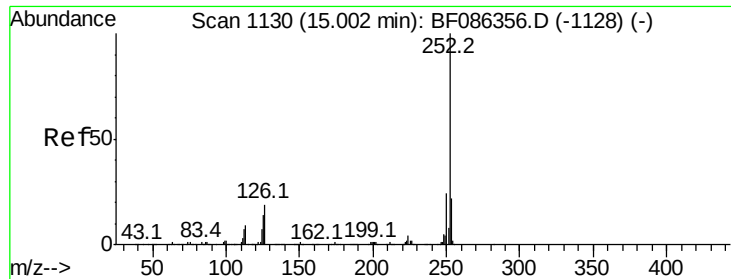
Delta R.T. -0.00 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Tgt Ion:	264	Resp:	257177
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 5.35 ng m

RT: 15.01 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Instrument :

BNA_F

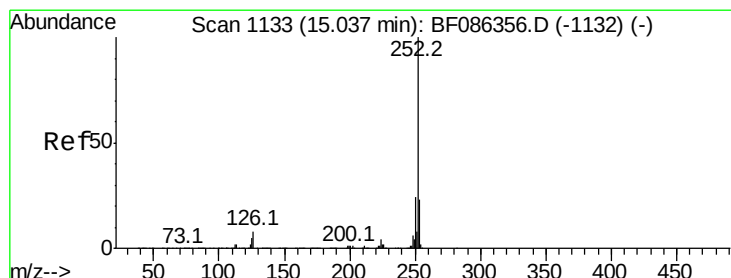
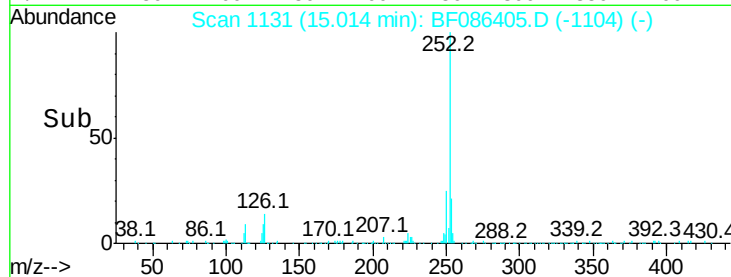
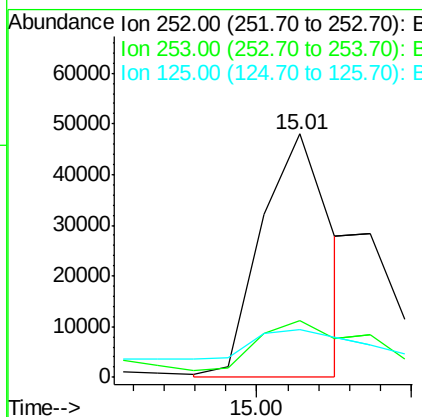
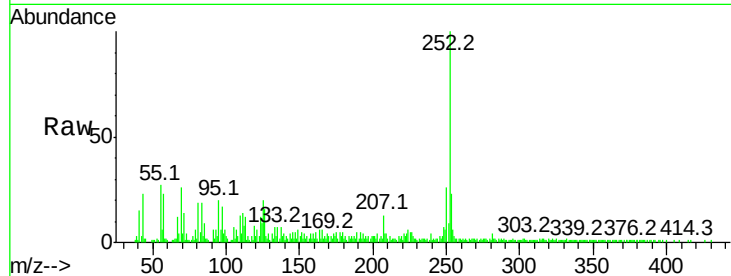
ClientSampleId :

WPG-B10(5-8.5)-C

Tot Ion:	252	Resp:	75581
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	19.8	11.4	17.0#

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#88

Benzo(k)fluoranthene

Concen: 2.69 ng m

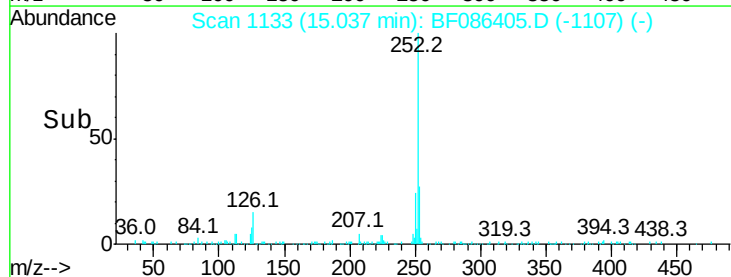
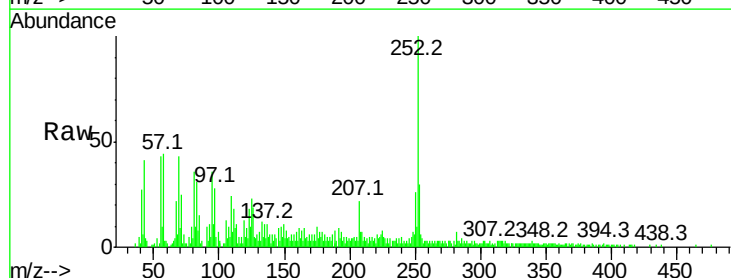
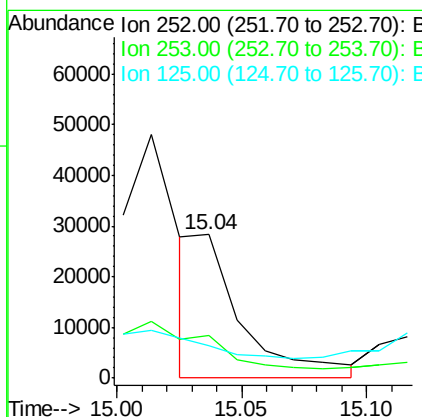
RT: 15.04 min Scan# 1133

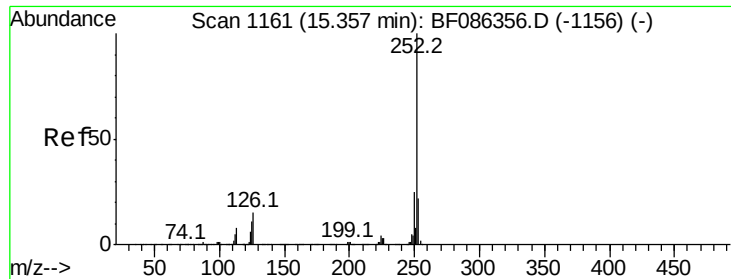
Delta R.T. 0.00 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Tgt Ion:	252	Resp:	37247
Ion Ratio	Lower	Upper	
252	100		
253	30.1	17.8	26.6#
125	22.8	9.1	13.7#





#89

Benzo(a)pyrene

Concen: 3.77 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Instrument :

BNA_F

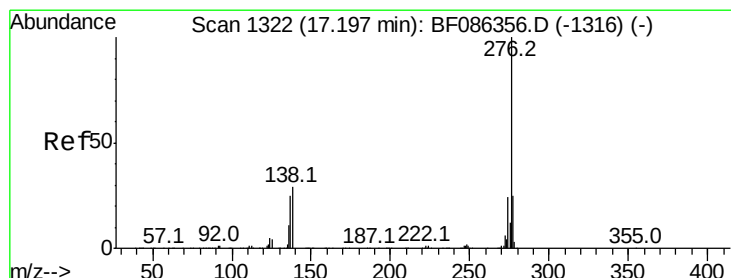
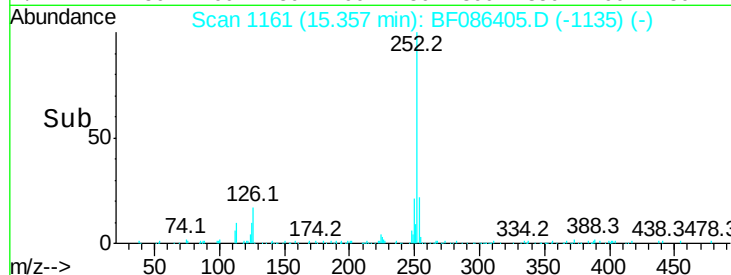
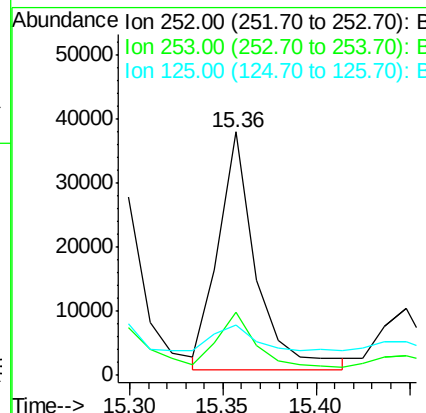
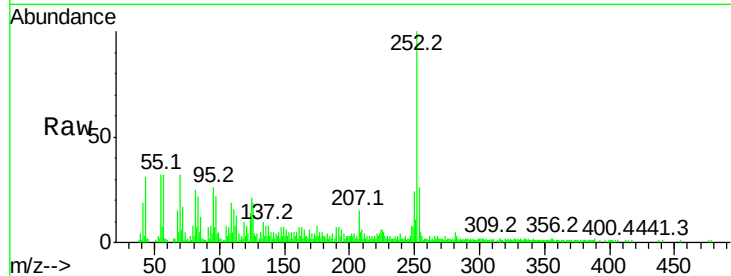
ClientSampleId :

WPG-B10(5-8.5)-C

Tot Ion:	252	Resp:	52481
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.2	25.8#
125	20.5	9.0	13.6#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.75 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF086405.D

Acq: 23 Apr 2016 22:19

Tgt Ion:	276	Resp:	32652
Ion Ratio	Lower	Upper	
276	100		
277	27.3	19.6	29.4
138	34.0	23.6	35.4

