

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF102004.D
 Acq On : 11 Jan 2018 2:37
 Operator : SJ/JU
 Sample : J1076-19 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-01

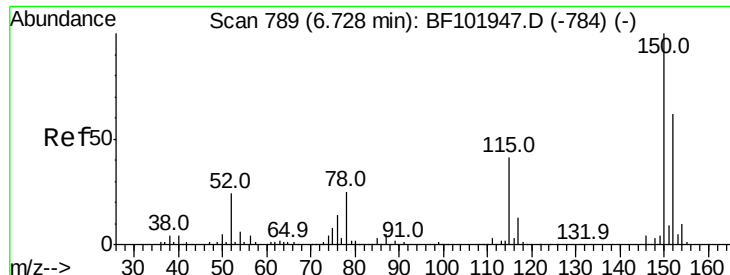
Manual Integrations
 APPROVED

Sohil
 1/11/2018 10:53:39 AM

Quant Time: Jan 11 05:21:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	200854	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	800820	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	321784	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	465436	20.00	ng	0.00
75) Chrysene-d12	13.88	240	309421	20.00	ng	0.00
86) Perylene-d12	15.30	264	376715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	6370	0.45	ng	0.00
7) Phenol-d6	6.35	99	7411	0.44	ng	0.00
23) Nitrobenzene-d5	7.28	82	3901	0.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	919	0.33	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	8005	0.39	ng	-0.01
78) Terphenyl-d14	12.82	244	5630	0.38	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	230859	12.037	ng	99
17) 2-Methylphenol	6.97	107	46064	3.579	ng	99
20) 3+4-Methylphenols	7.13	107	149524	9.677	ng	91
27) 2,4-Dimethylphenol	7.66	122	31216	2.727	ng	91
31) Naphthalene	8.04	128	4578136	114.409	ng	98
37) 2-Methylnaphthalene	8.72	142	795966	30.215	ng	99
45) 1,1'-Biphenyl	9.18	154	212546	7.473	ng	97
48) Acenaphthylene	9.62	152	1011642	28.902	ng	99
51) Acenaphthene	9.79	154	188703	8.882	ng	99
54) Dibenzofuran	9.96	168	772493	26.494	ng	98
57) Fluorene	10.31	166	868684	43.098	ng	100
70) Phenanthrene	11.27	178	2284101	84.012	ng	99
71) Anthracene	11.32	178	976036	35.398	ng	99
72) Carbazole	11.47	167	354533	13.081	ng	99
74) Fluoranthene	12.46	202	1503405	56.204	ng	99
77) Pyrene	12.69	202	1169672	42.765	ng	100
80) Benzo(a)anthracene	13.87	228	588382m	29.804	ng	
82) Chrysene	13.90	228	485560	23.588	ng	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	263239	17.569	ng	99
87) Benzo(b)fluoranthene	14.89	252	574175m	23.376	ng	
88) Benzo(k)fluoranthene	14.92	252	262669m	11.085	ng	
89) Benzo(a)pyrene	15.24	252	497514	22.509	ng	95
90) Dibenzo(a,h)anthracene	16.67	278	72269m	4.097	ng	
91) Benzo(g,h,i)perylene	17.08	276	226441	12.744	ng	97

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



#1

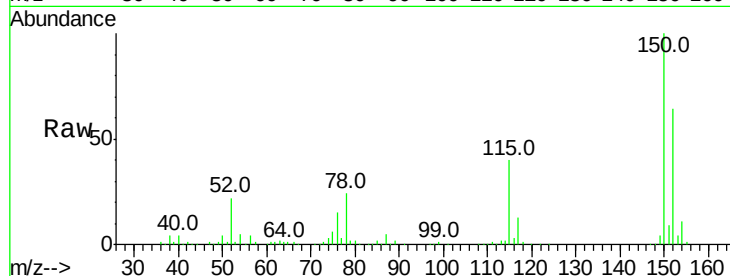
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Instrument :
BNA_F
ClientSampled :
WC-43-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM

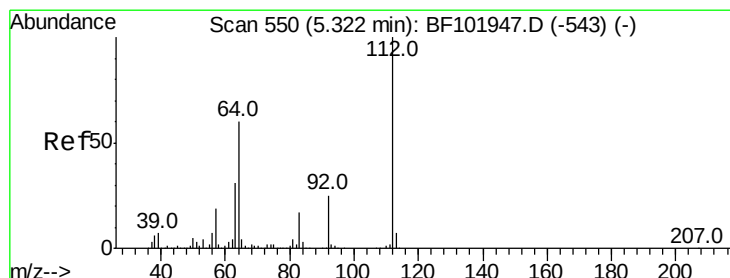
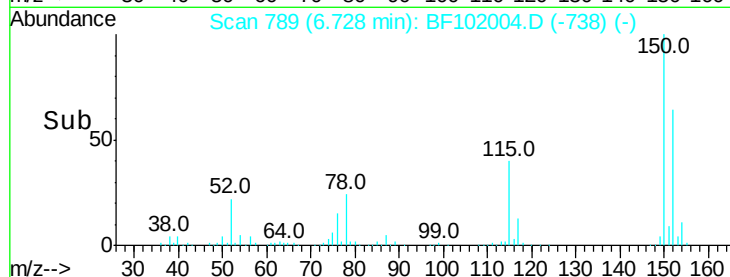
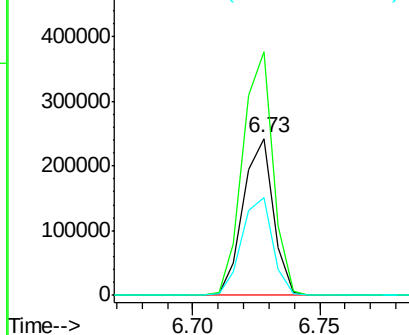


Abundance

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: 0.448 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

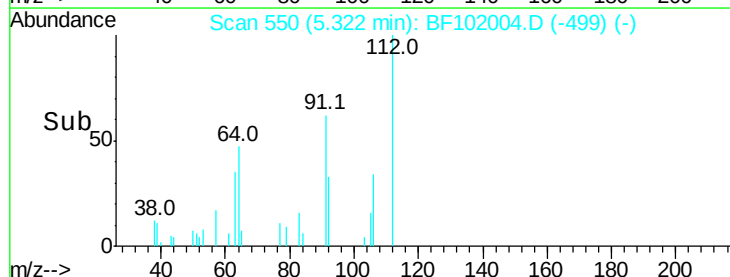
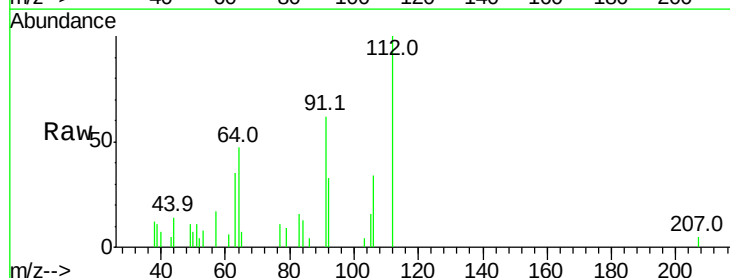
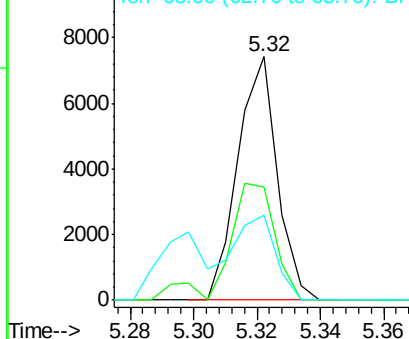
Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.7	47.9	71.9#
63	35.0	23.7	35.5

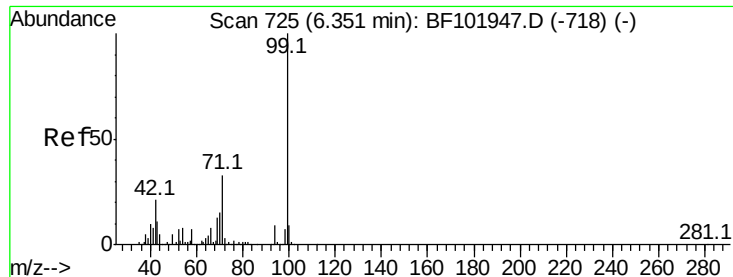
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.437 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Instrument :

BNA_F

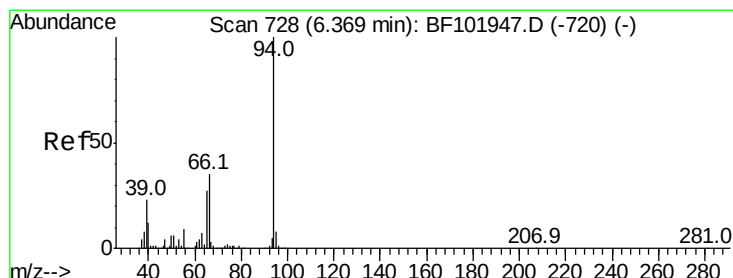
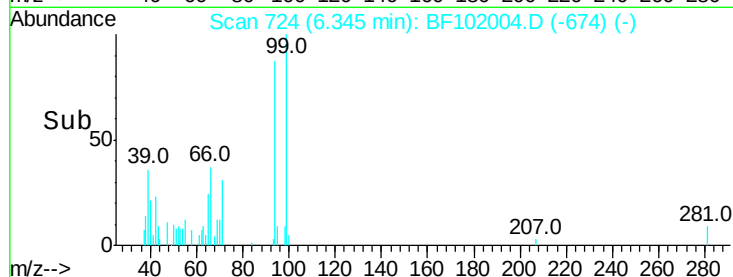
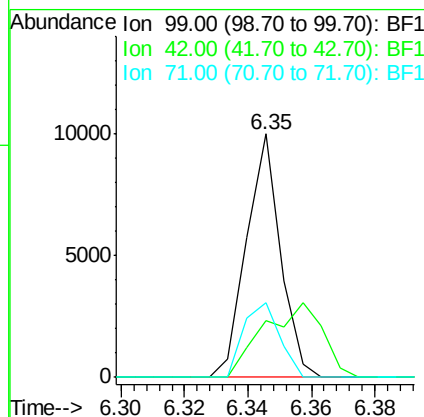
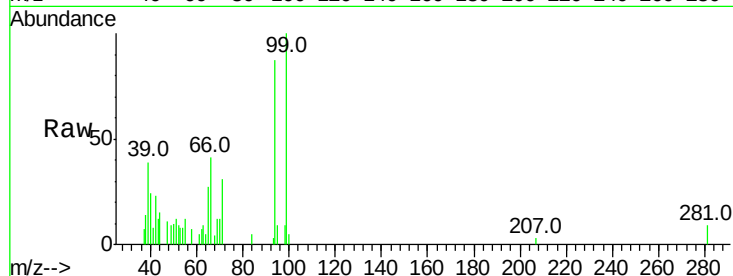
ClientSampleId :

WC-43-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
7411	99	100			
	42	23.2		14.5	21.7#
	71	30.8		25.4	38.0

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#10

Phenol

Concen: 12.037 ng

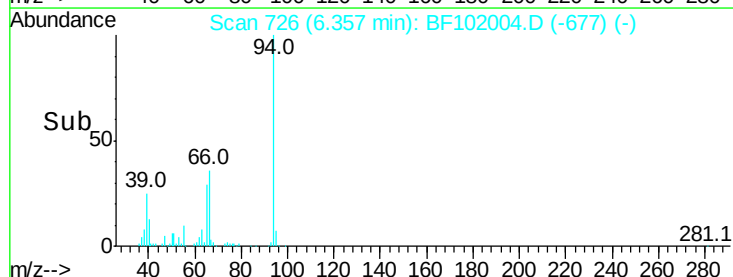
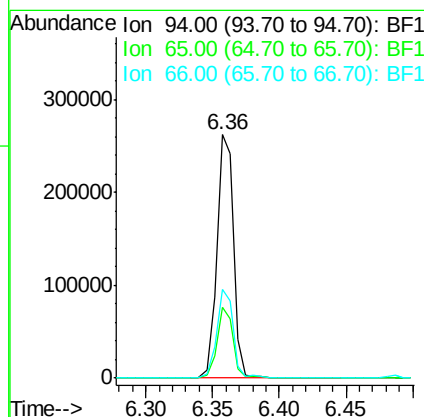
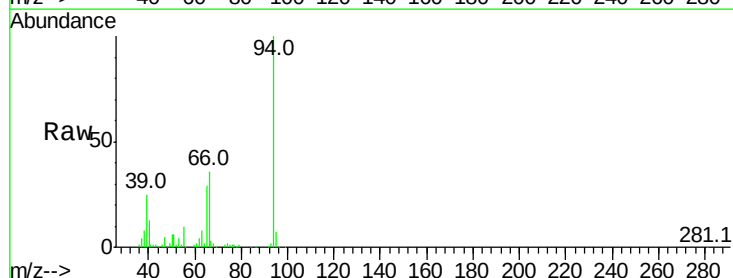
RT: 6.36 min Scan# 726

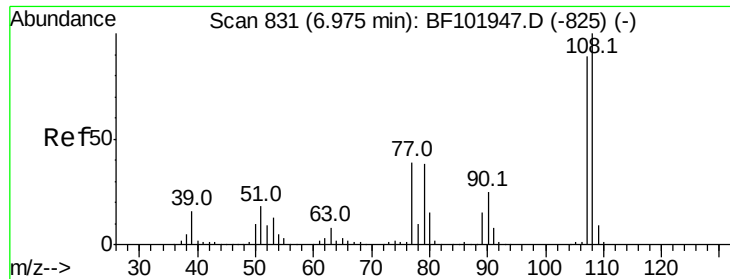
Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
230859	94	100			
	65	29.0		7.9	47.9
	66	36.2		16.2	56.2





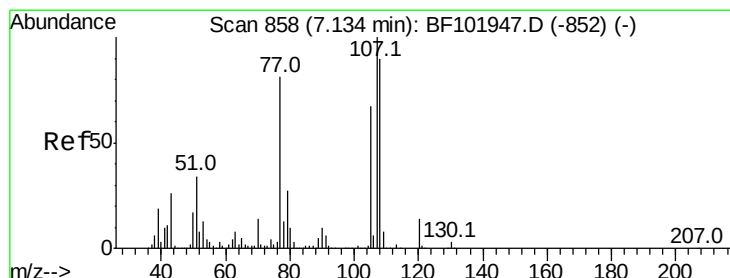
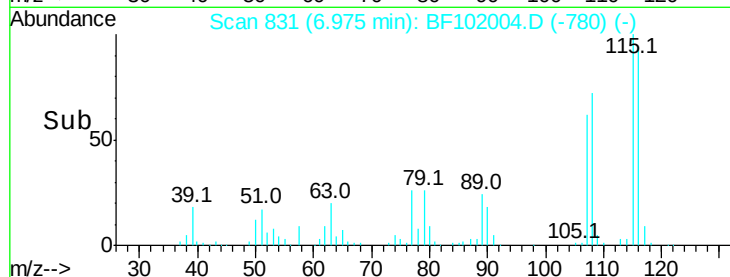
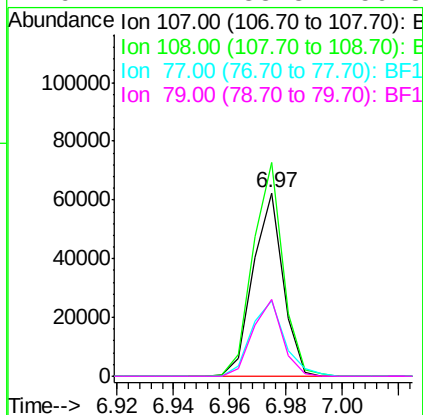
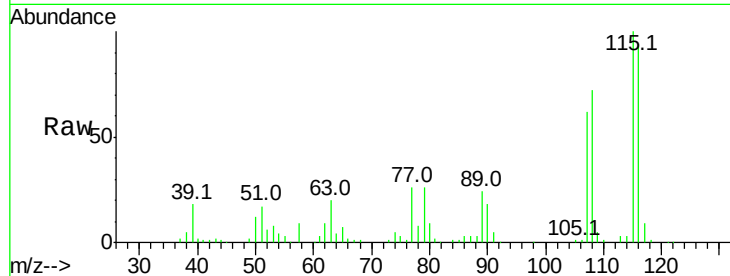
#17
2-Methylphenol
Concen: 3.579 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Instrument :
BNA_F
ClientSampled :
WC-43-01

Tot Ion:	107	Resp:	46064
Ion Ratio	Lower	Upper	
107	100		
108	116.3	91.7	137.5
77	41.3	33.8	50.8
79	41.7	33.8	50.8

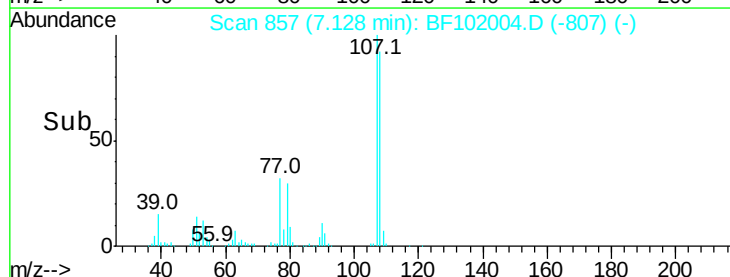
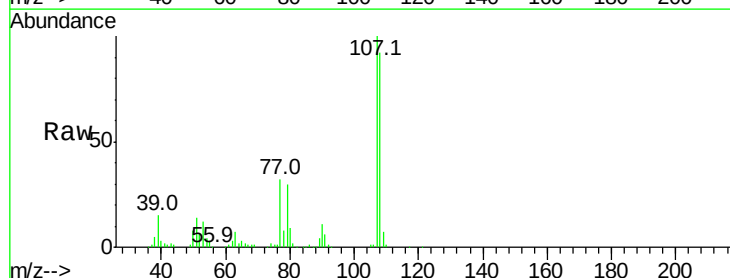
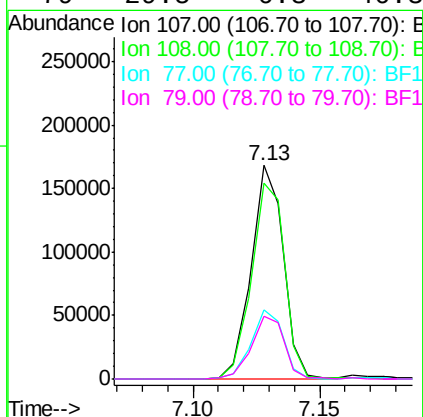
Manual Integrations
APPROVED

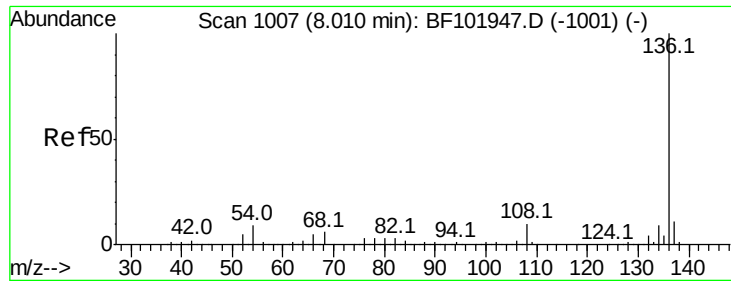
Sohil
1/11/2018 10:53:39 AM



#20
3+4-Methylphenols
Concen: 9.677 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Tgt Ion:	107	Resp:	149524
Ion Ratio	Lower	Upper	
107	100		
108	91.8	68.2	108.2
77	32.2	26.7	66.7
79	29.5	6.3	46.3





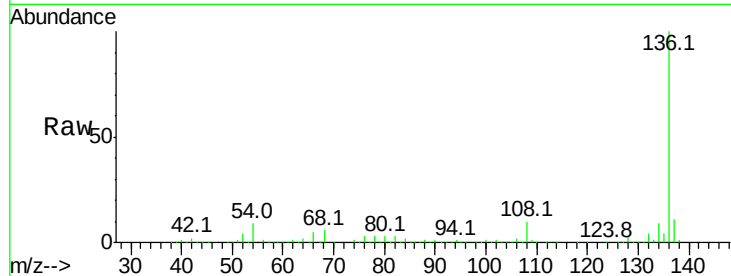
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01

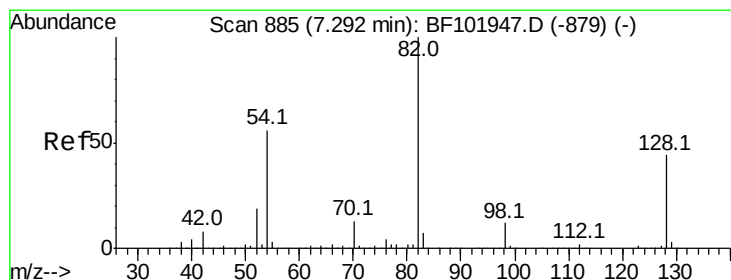
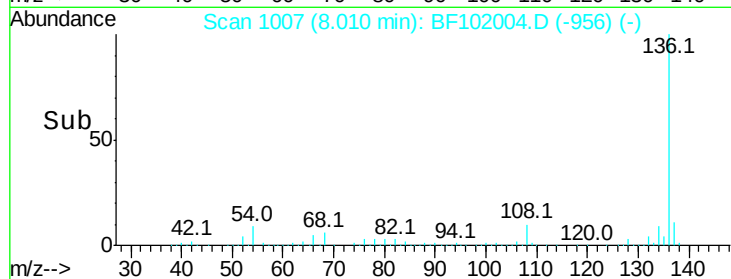
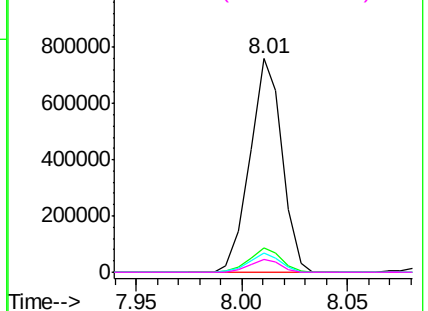
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	8.9	6.6	9.8	
68	6.1	5.0	7.4	

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM

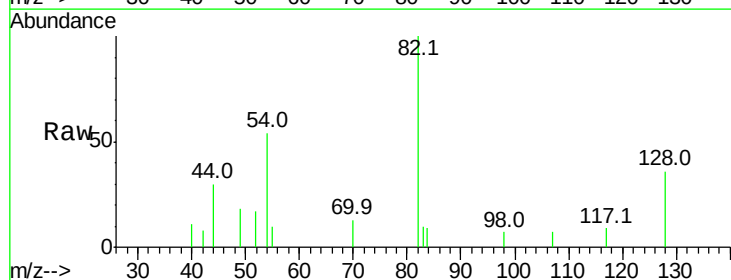


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

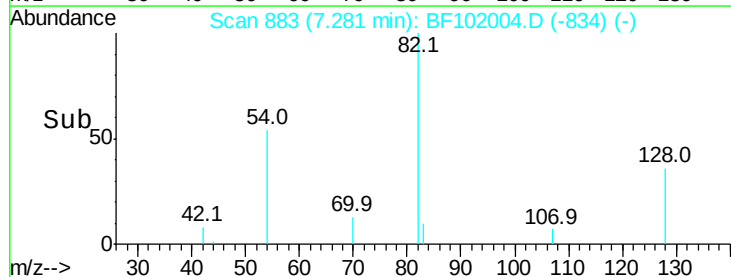
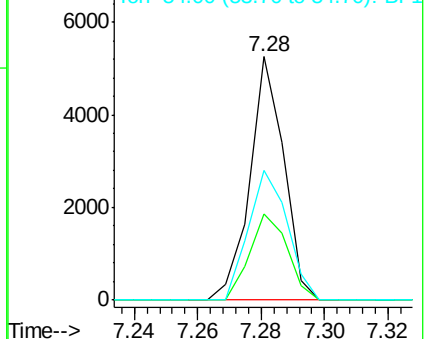


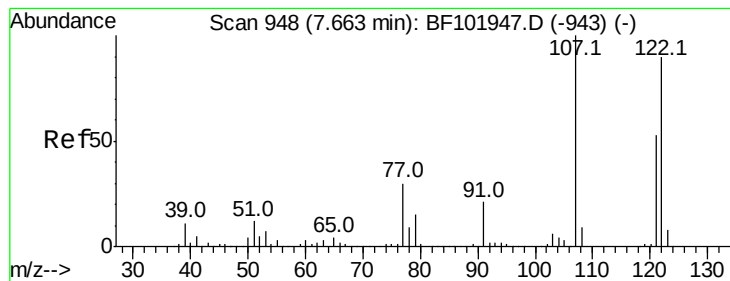
#23
Nitrobenzene-d5
Concen: 0.286 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.6	36.1	54.1#	
54	53.5	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





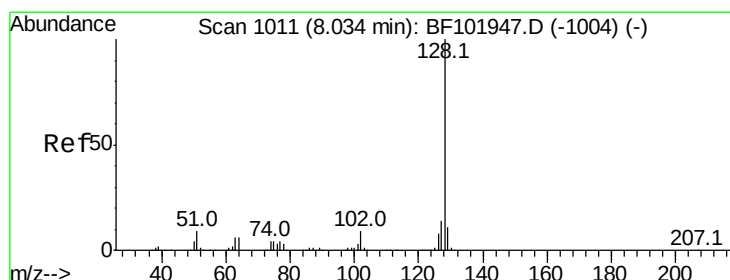
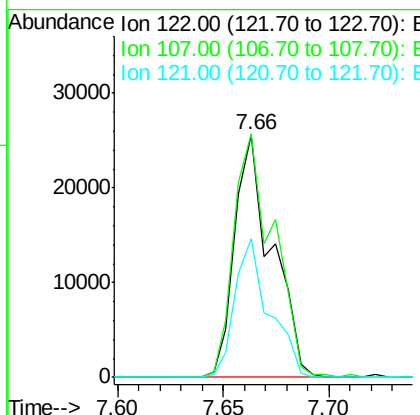
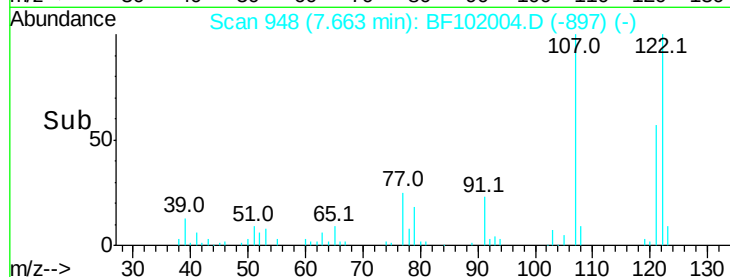
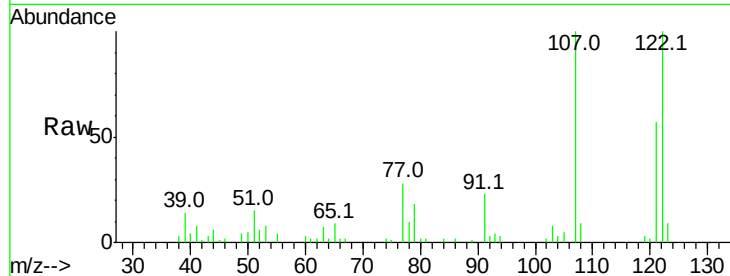
#27
 2,4-Dimethylphenol
 Concen: 2.727 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF102004.D
 Acq: 11 Jan 2018 2:37

Instrument :
 BNA_F
 ClientSampled :
 WC-43-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
31216	122	100			
	107	100.4	91.2	136.8	
	121	57.4	47.2	70.8	

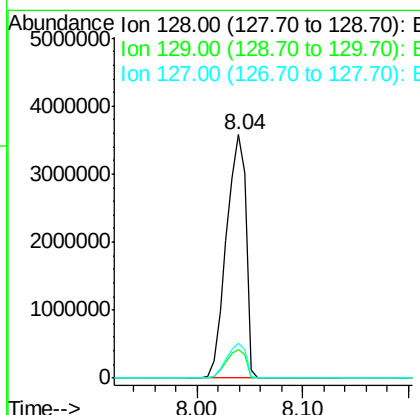
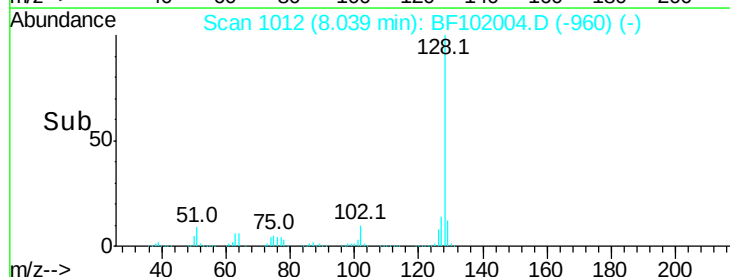
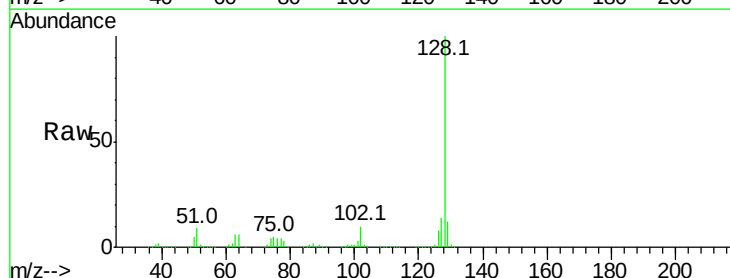
Manual Integrations
 APPROVED

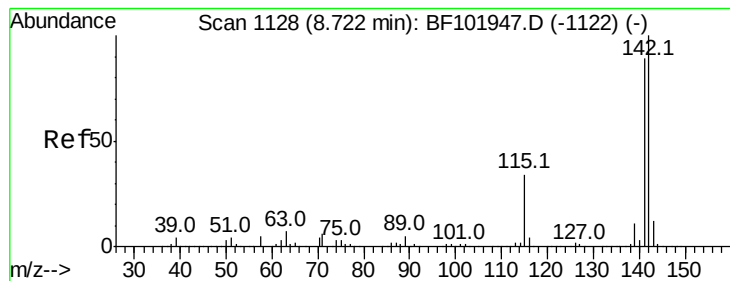
Sohil
 1/11/2018 10:53:39 AM



#31
 Naphthalene
 Concen: 114.409 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF102004.D
 Acq: 11 Jan 2018 2:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
4578136	128	100			
	129	11.9	8.8	13.2	
	127	14.4	10.9	16.3	





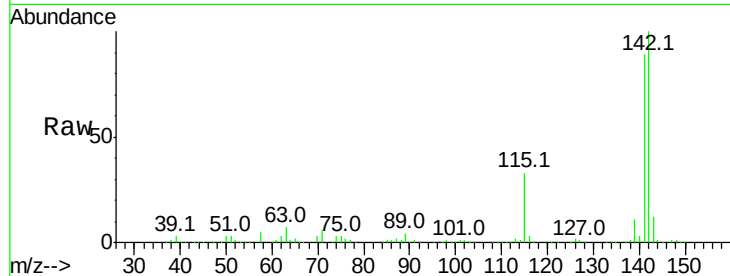
#37
2-Methylnaphthalene
Concen: 30.215 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01

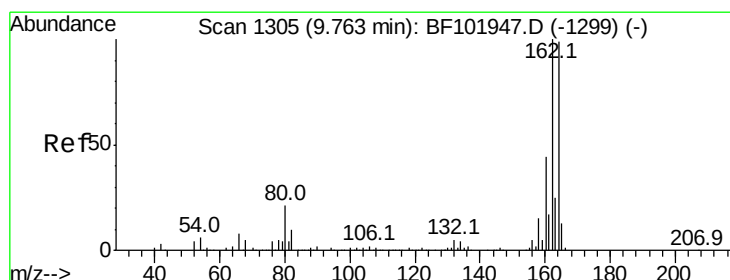
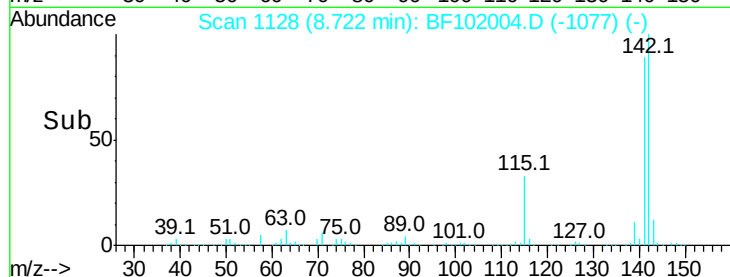
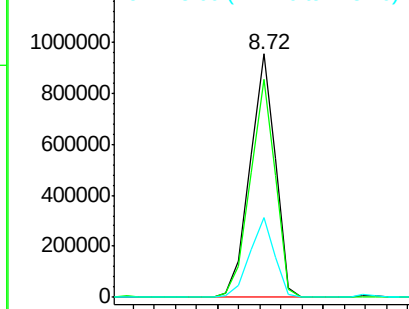
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	32.5	26.1	39.1

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM

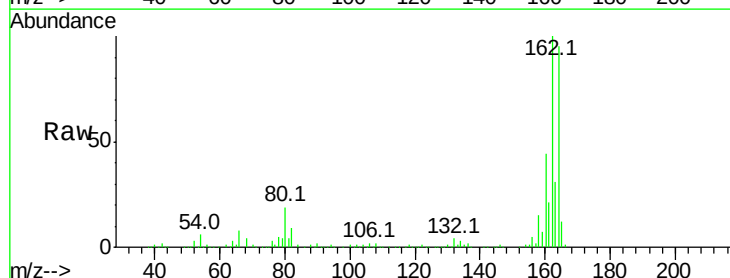


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

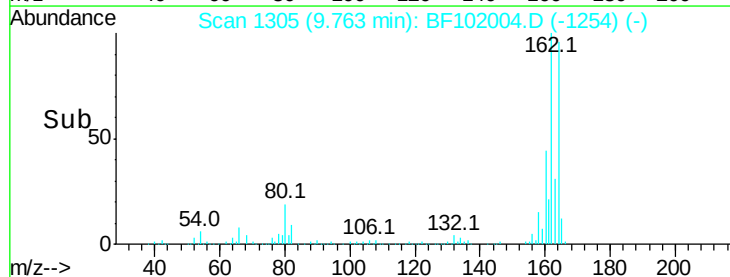
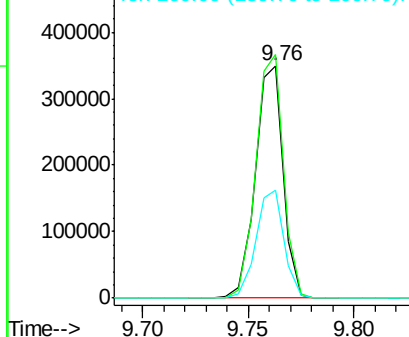


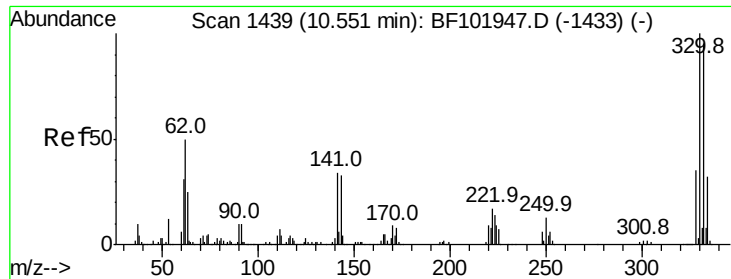
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 0.327 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Instrument :

BNA_F

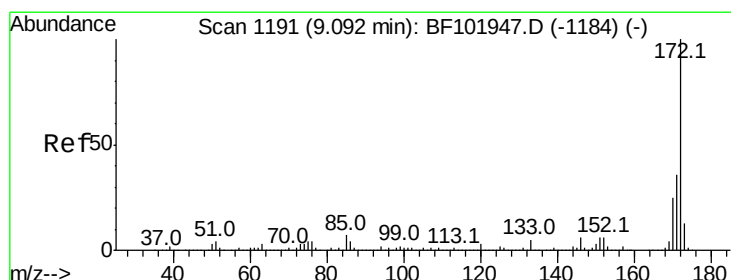
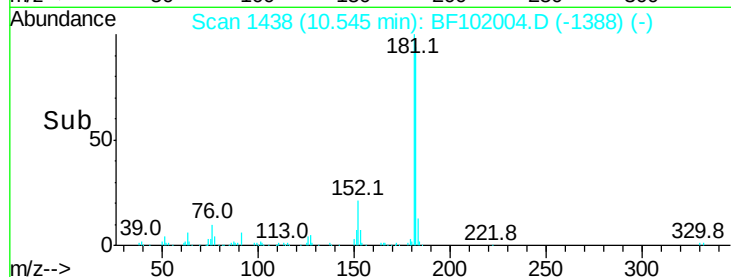
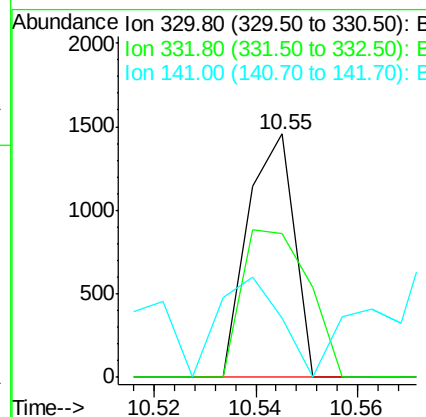
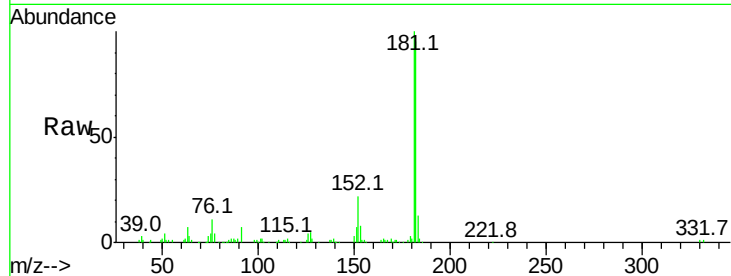
ClientSampled :

WC-43-01

Tot Ion:	330	Resp:	919
Ion Ratio	Lower	Upper	
330	100		
332	87.7	77.0	115.6
141	54.8	29.9	44.9#

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#44

2-Fluorobiphenyl

Concen: 0.389 ng

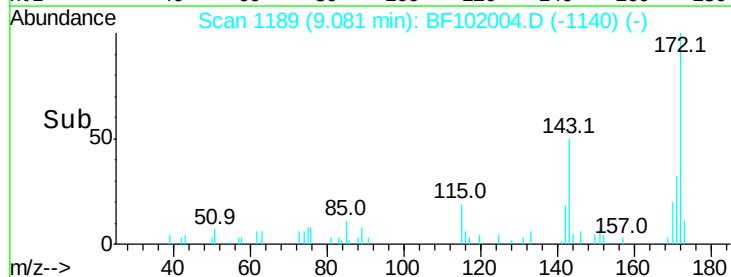
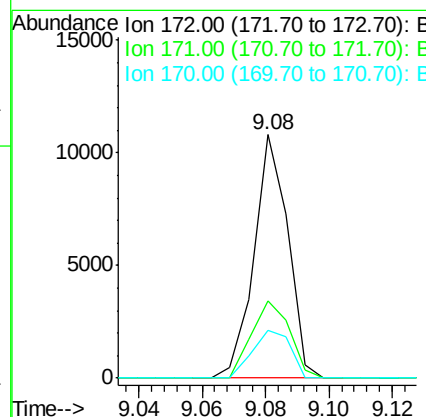
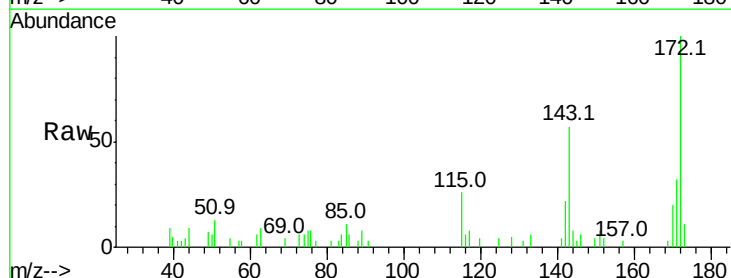
RT: 9.08 min Scan# 1189

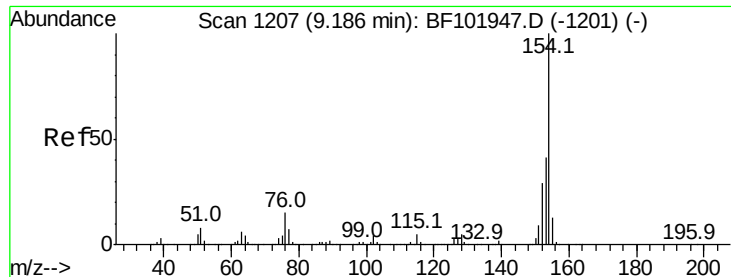
Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Tgt Ion:	172	Resp:	8005
Ion Ratio	Lower	Upper	
172	100		
171	31.6	29.7	44.5
170	19.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 7.473 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Instrument :

BNA_F

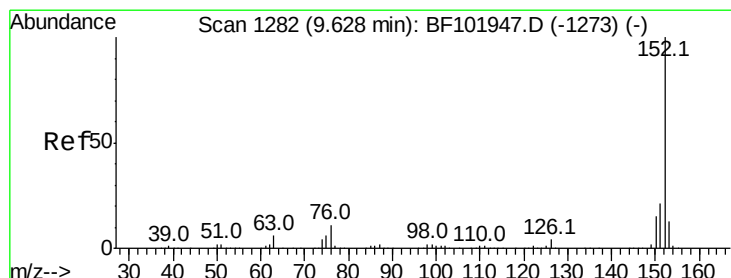
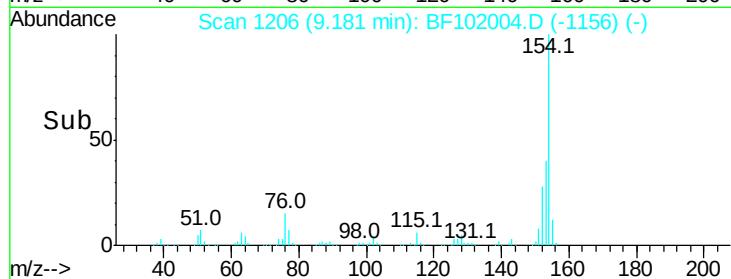
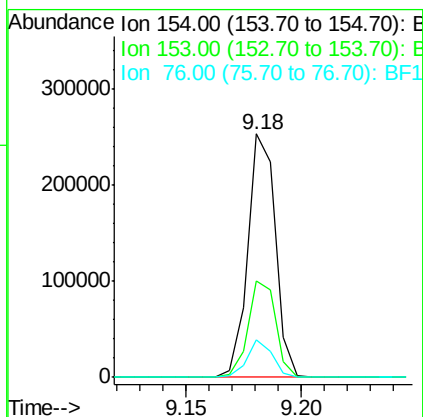
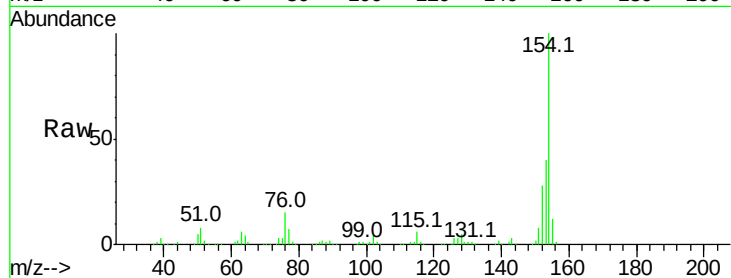
ClientSampled :

WC-43-01

Tot Ion:	154	Resp:	212546
Ion Ratio	Lower	Upper	
154	100		
153	39.7	21.3	61.3
76	15.2	0.0	34.0

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#48

Acenaphthylene

Concen: 28.902 ng

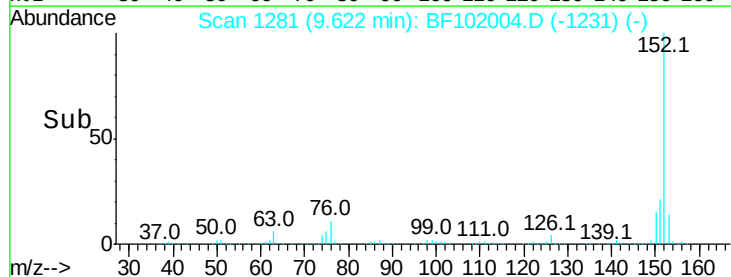
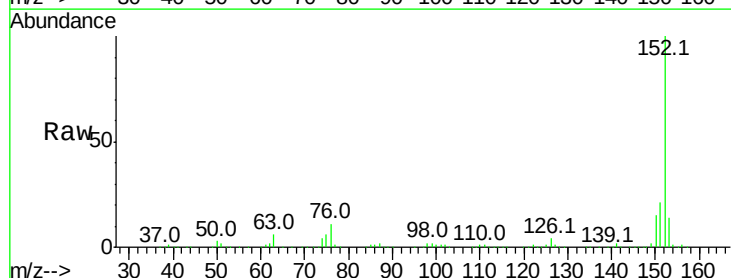
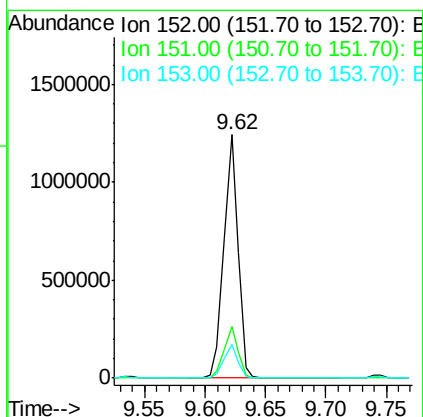
RT: 9.62 min Scan# 1281

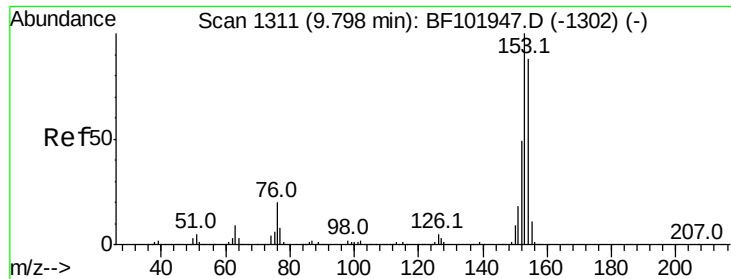
Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Tgt Ion:	152	Resp:	1011642
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.7	10.7	16.1





#51

Acenaphthene

Concen: 8.882 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Instrument :

BNA_F

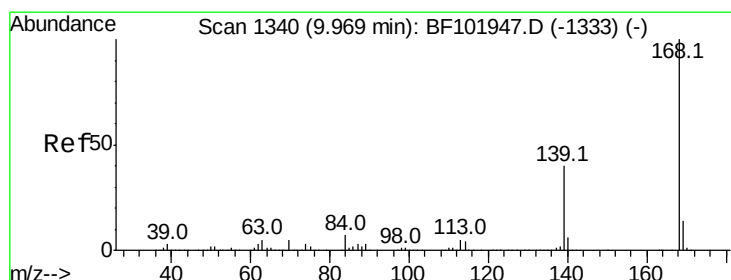
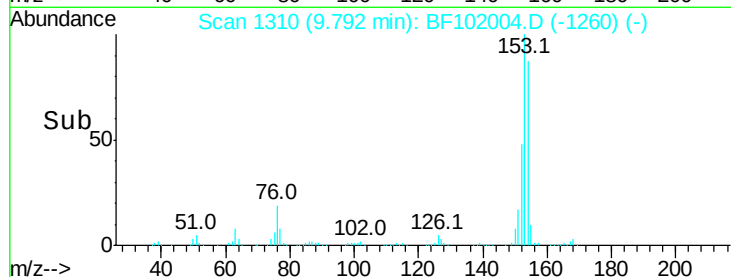
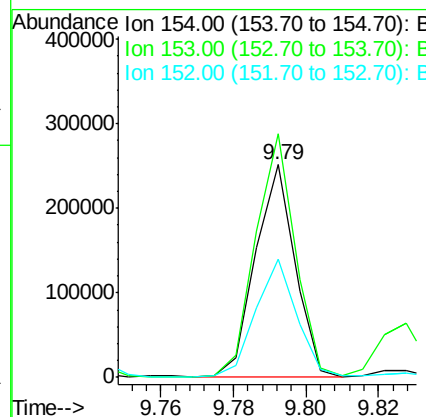
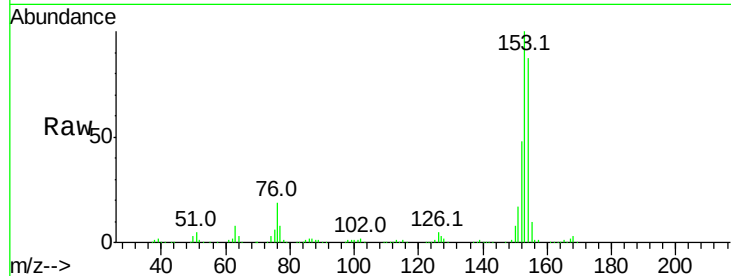
ClientSampleId :

WC-43-01

Tot Ion:	154	Resp:	188703
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	55.3	43.8	65.8

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#54

Dibenzofuran

Concen: 26.494 ng

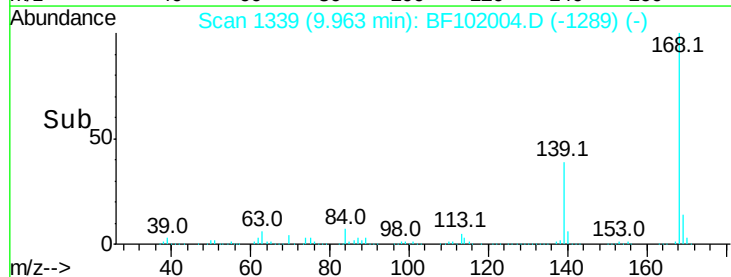
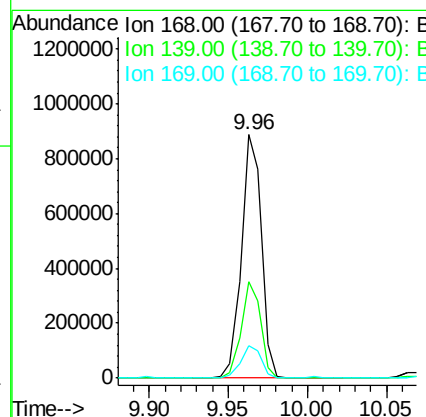
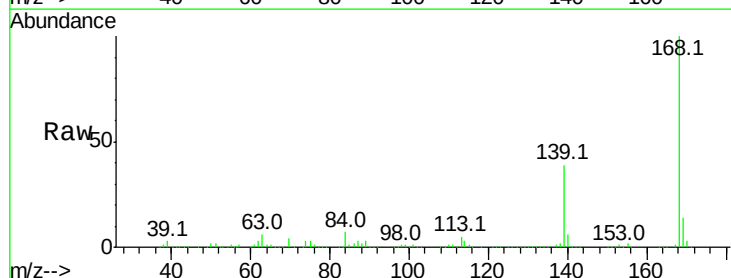
RT: 9.96 min Scan# 1339

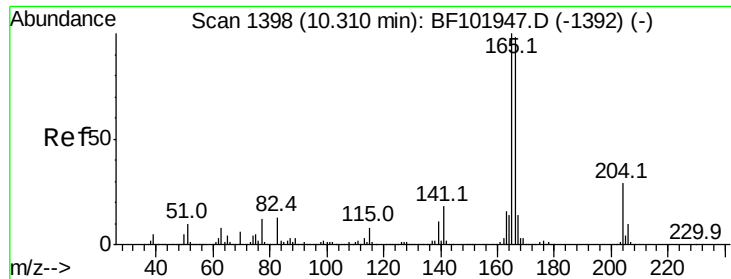
Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Tgt Ion:	168	Resp:	772493
Ion Ratio	Lower	Upper	
168	100		
139	39.4	30.1	45.1
169	13.5	10.9	16.3





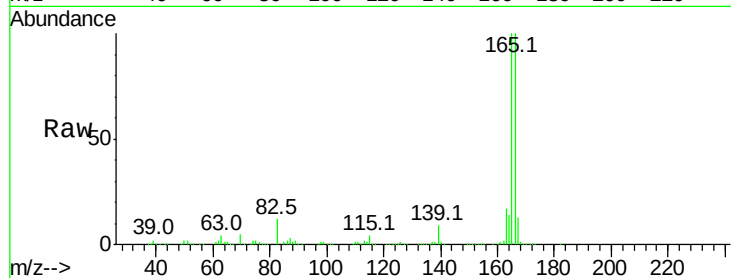
#57
Fluorene
 Concen: 43.098 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF102004.D
 Acq: 11 Jan 2018 2:37

Instrument :
 BNA_F
 ClientSampled :
 WC-43-01

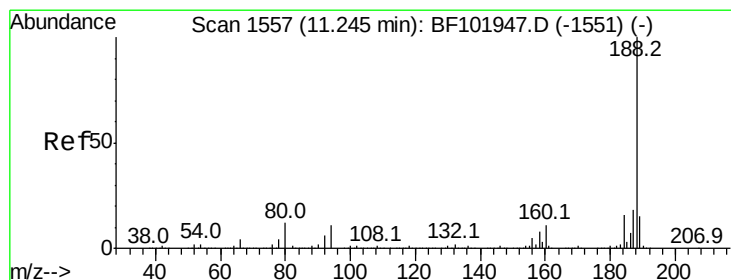
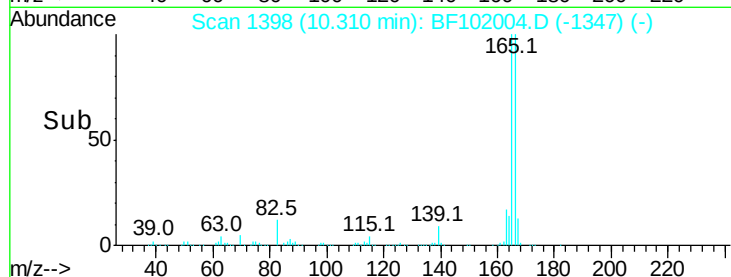
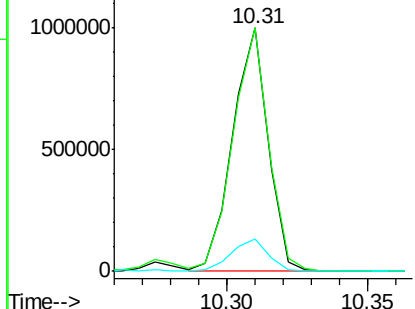
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.8	119.8	
167	13.4	10.6	16.0	

Manual Integrations
 APPROVED

Sohil
 1/11/2018 10:53:39 AM



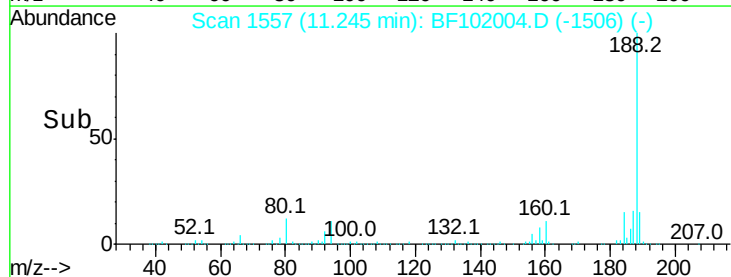
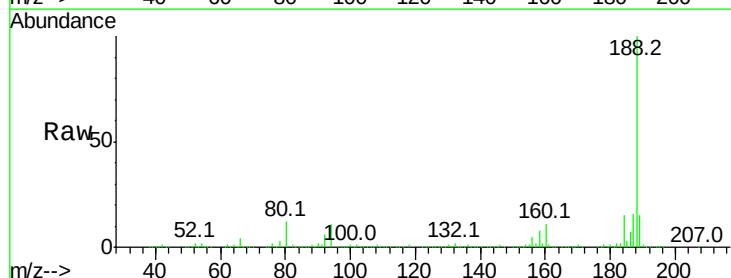
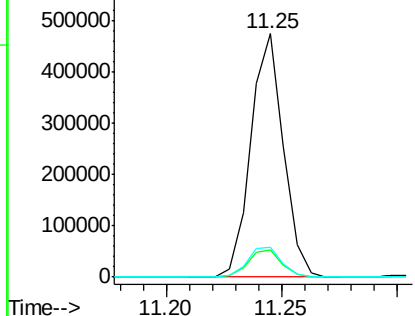
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

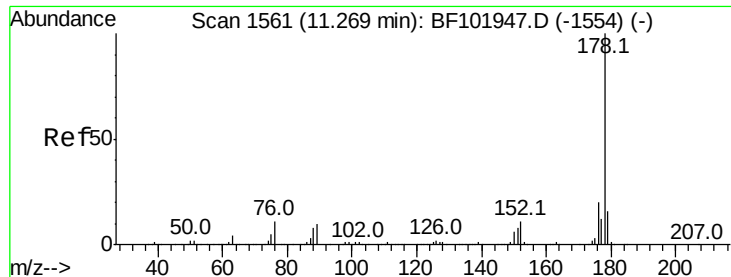


#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF102004.D
 Acq: 11 Jan 2018 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	8.5	12.7	
80	12.1	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





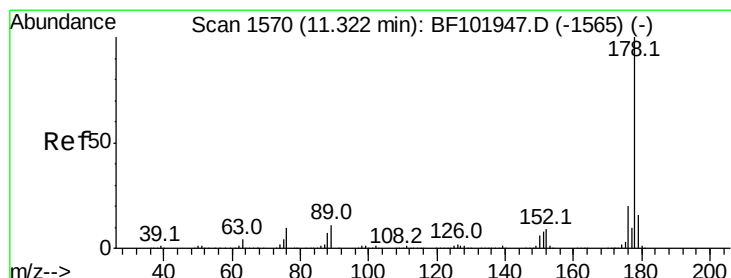
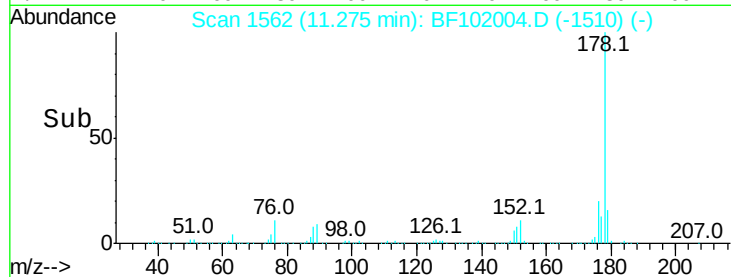
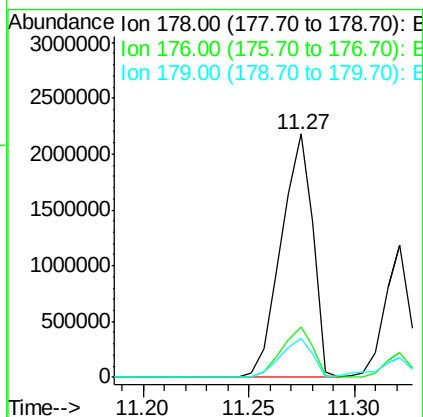
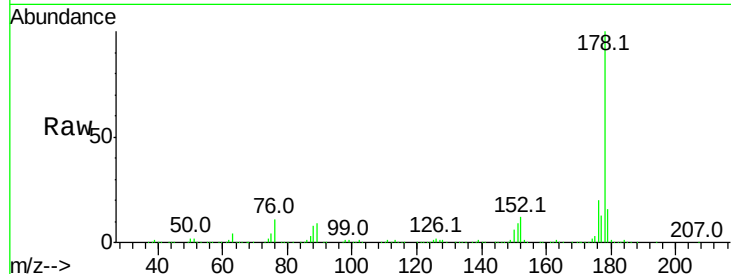
#70
Phenanthrene
Concen: 84.012 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Instrument :
BNA_F
ClientSampled :
WC-43-01

Tot Ion:178 Resp: 2284101
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.8
179 15.9 13.0 19.6

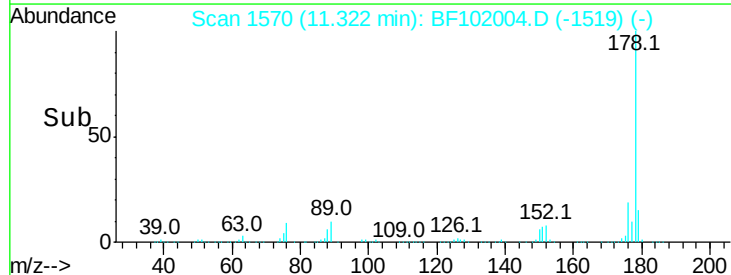
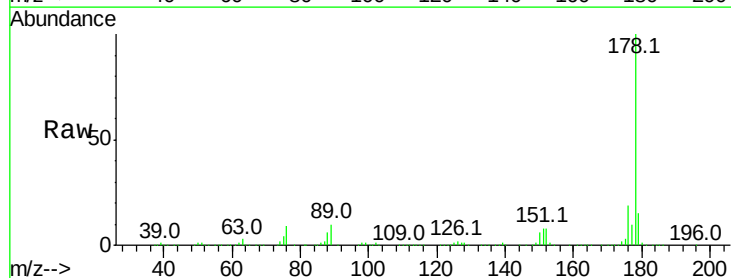
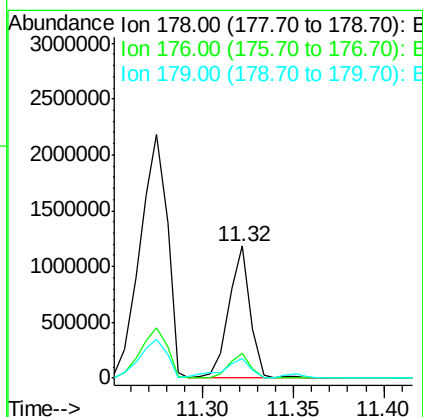
Manual Integrations
APPROVED

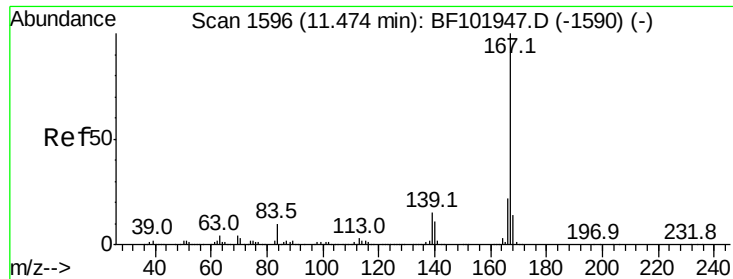
Sohil
1/11/2018 10:53:39 AM



#71
Anthracene
Concen: 35.398 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Tgt Ion:178 Resp: 976036
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.2 12.6 19.0





#72

Carbazole

Concen: 13.081 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Instrument :

BNA_F

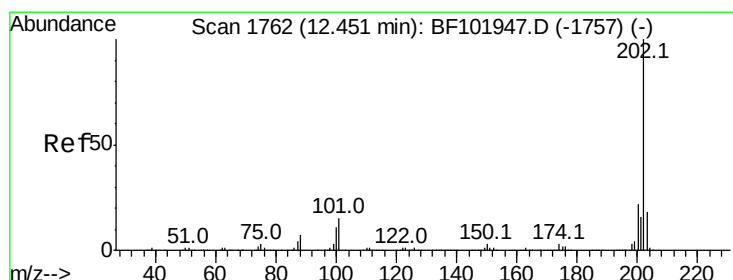
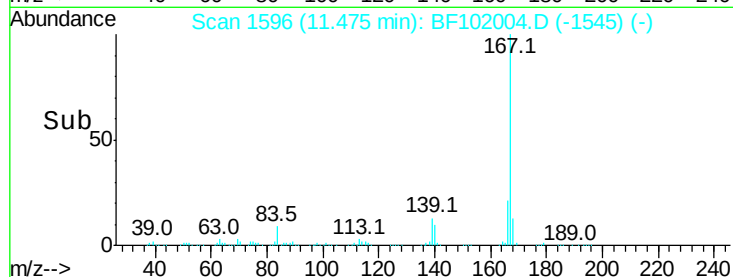
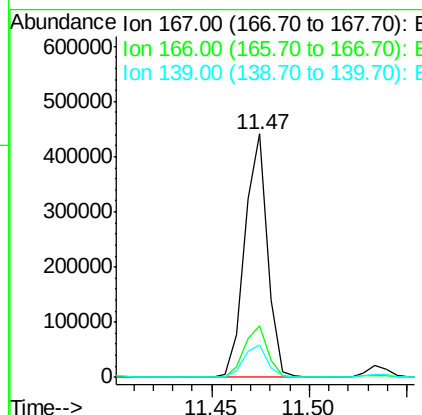
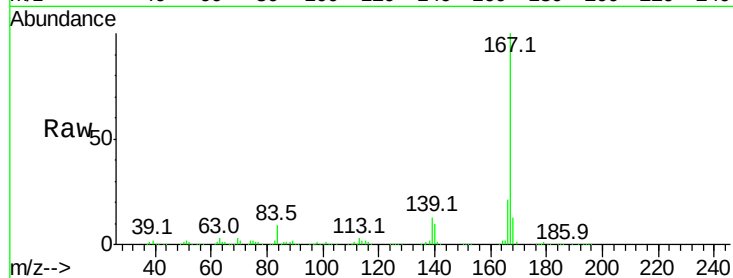
ClientSampled :

WC-43-01

Tot Ion:	167	Resp:	354533
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.6	26.4
139	13.1	10.9	16.3

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#74

Fluoranthene

Concen: 56.204 ng

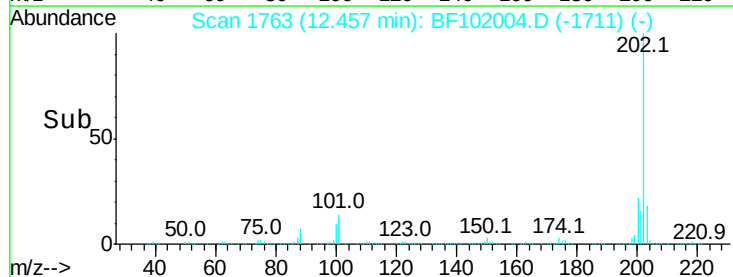
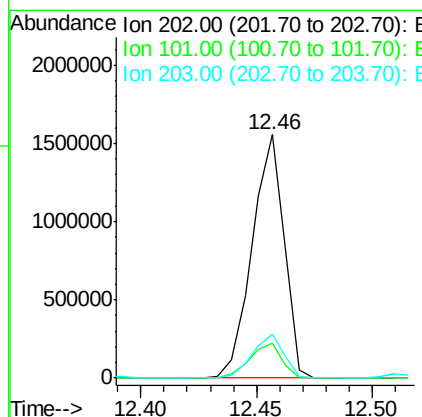
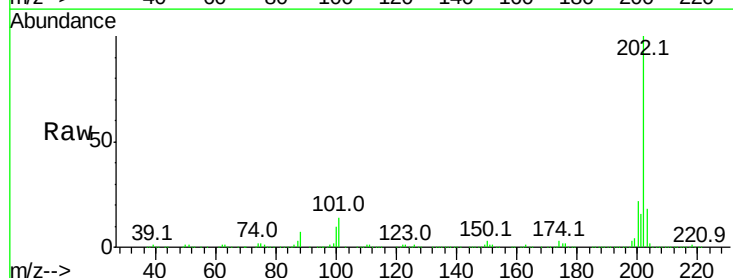
RT: 12.46 min Scan# 1763

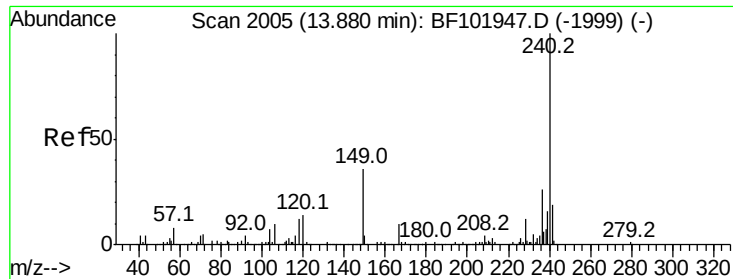
Delta R.T. 0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Tgt Ion:	202	Resp:	1503405
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Instrument :

BNA_F

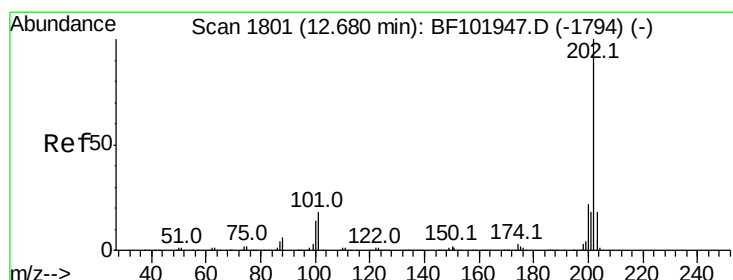
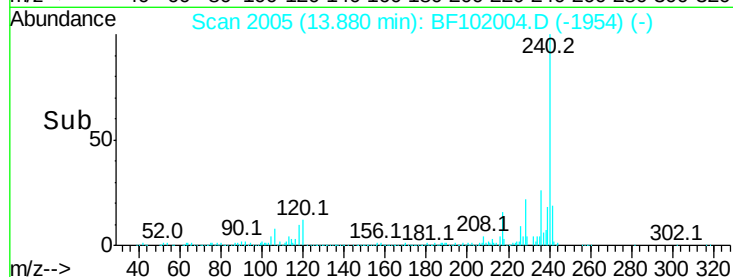
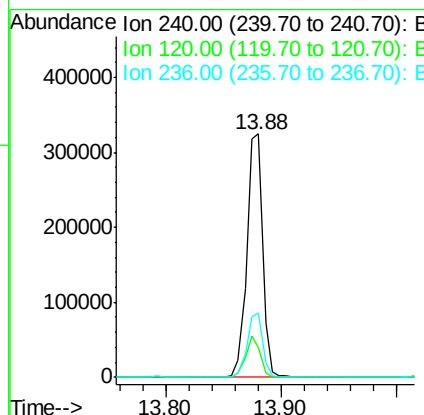
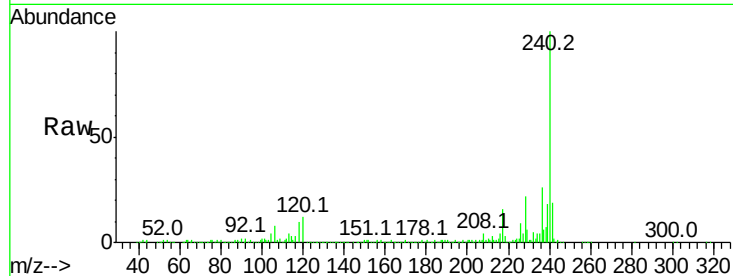
ClientSampleId :

WC-43-01

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.1	9.5	14.3	
236	26.3	20.7	31.1	

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#77

Pyrene

Concen: 42.765 ng

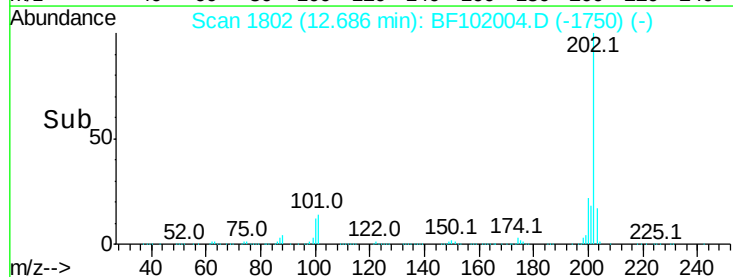
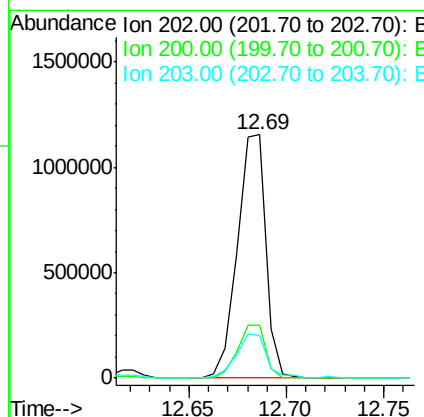
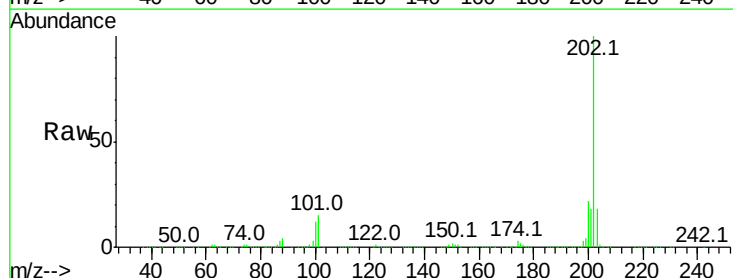
RT: 12.69 min Scan# 1802

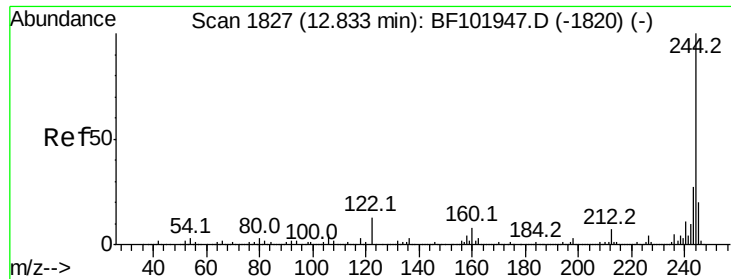
Delta R.T. 0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	17.4	26.2	
203	17.8	14.3	21.5	





#78

Terphenyl-d14

Concen: 0.378 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Instrument :

BNA_F

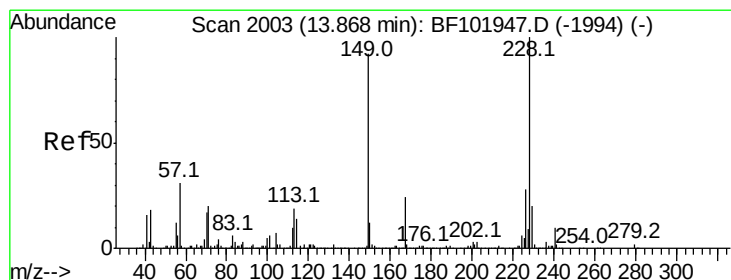
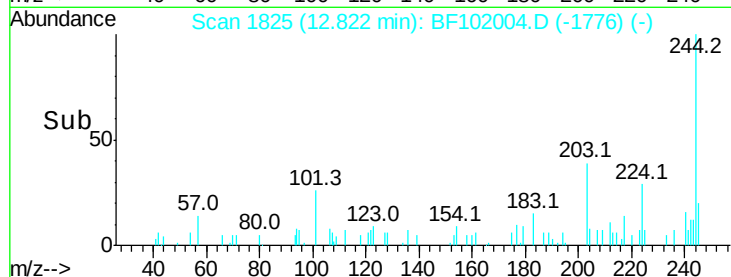
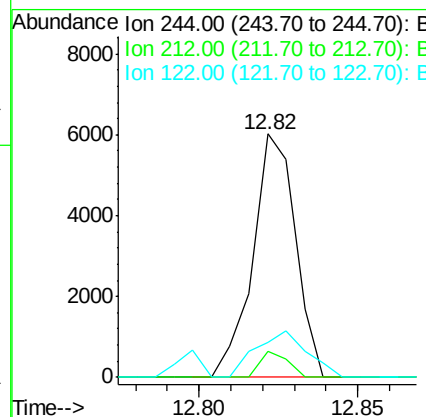
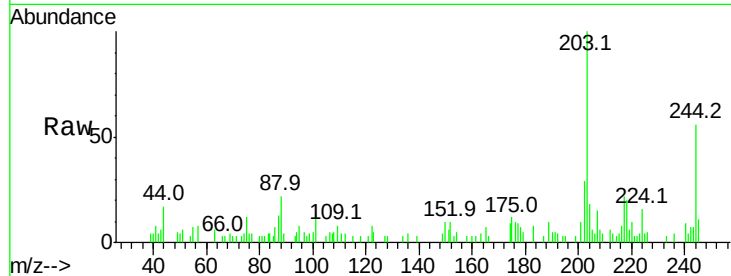
ClientSampled :

WC-43-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.9	5.4	8.0#
122	14.2	11.0	16.4

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#80

Benzo(a)anthracene

Concen: 29.804 ng m

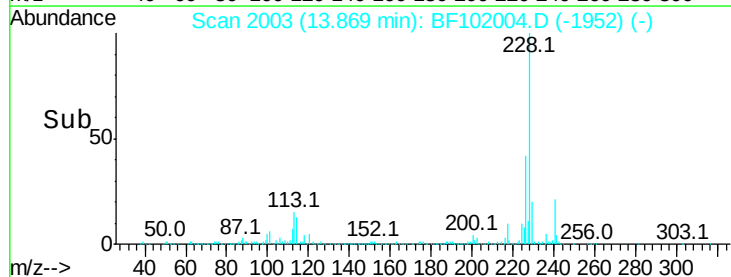
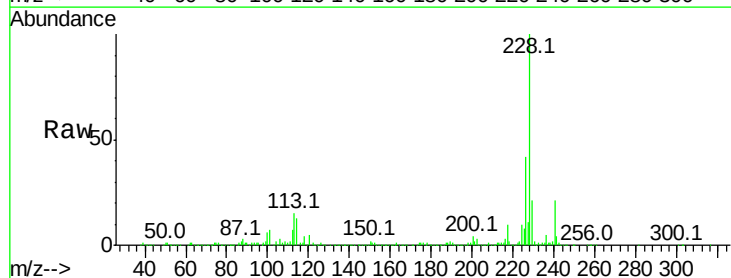
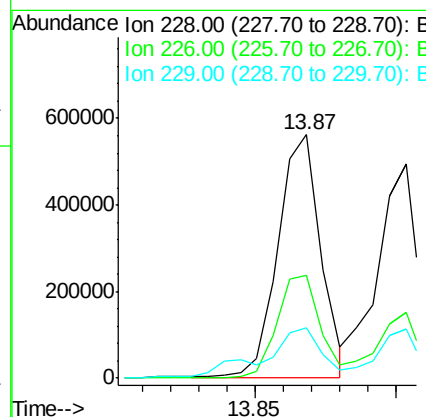
RT: 13.87 min Scan# 2003

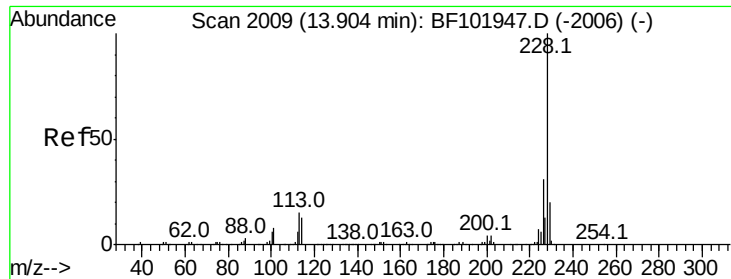
Delta R.T. 0.00 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.5	22.6	33.8#
229	20.6	15.8	23.6





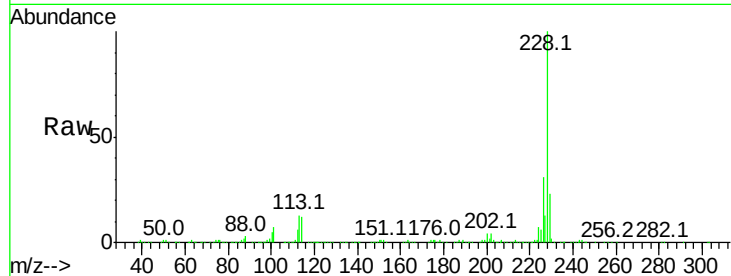
#82
Chrysene
Concen: 23.588 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Instrument :
BNA_F
ClientSampled :
WC-43-01

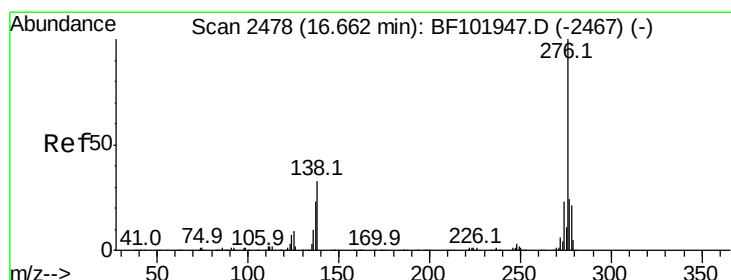
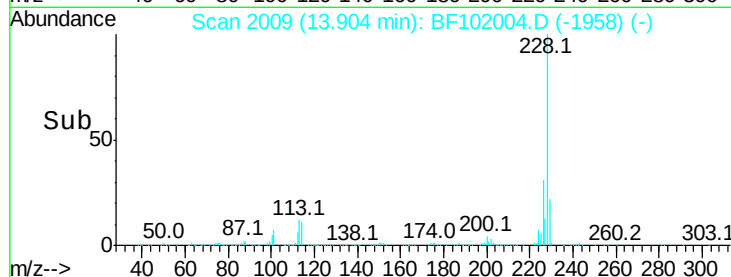
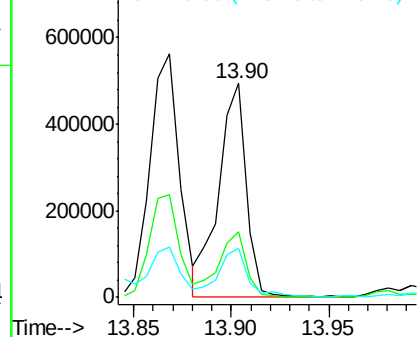
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.0	16.2	24.4

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



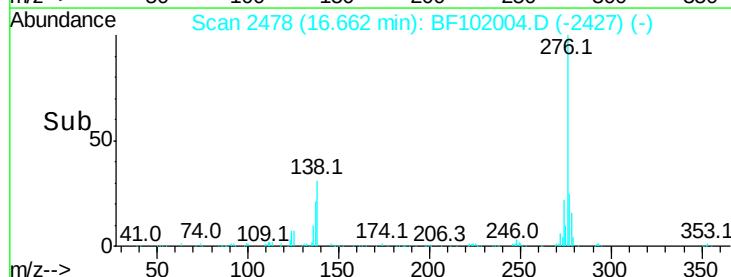
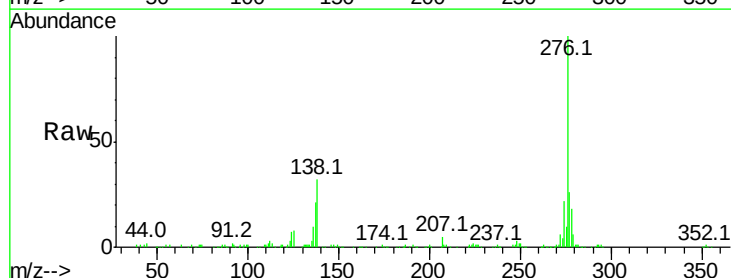
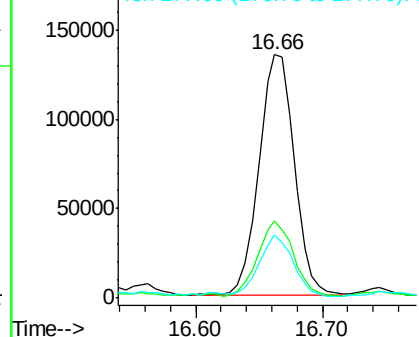
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

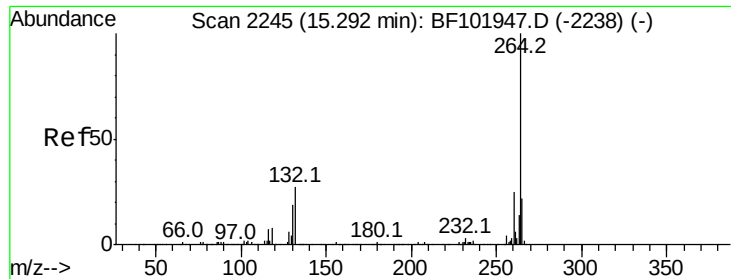


#85
Indeno(1,2,3-cd)pyrene
Concen: 17.569 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.0	37.6
277	24.5	20.1	30.1

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: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Instrument :

BNA_F

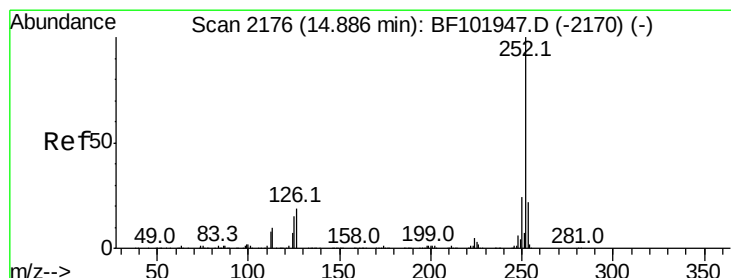
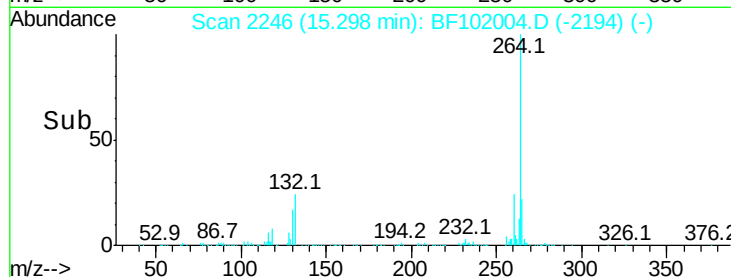
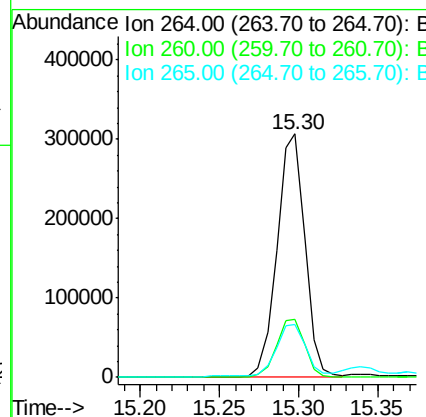
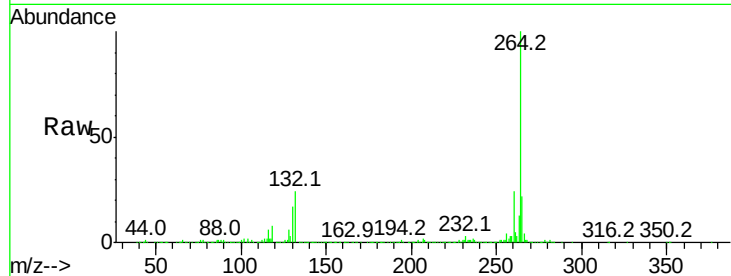
ClientSampleId :

WC-43-01

Tot Ion:	264	Resp:	376715
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#87

Benzo(b)fluoranthene

Concen: 23.376 ng m

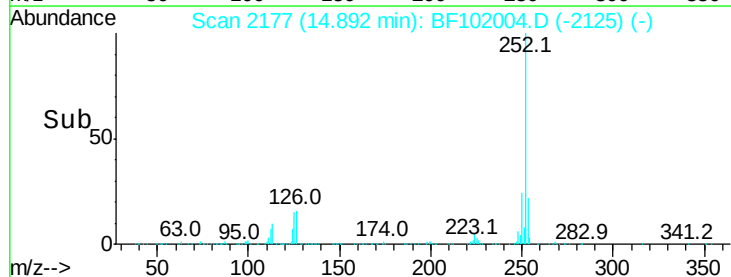
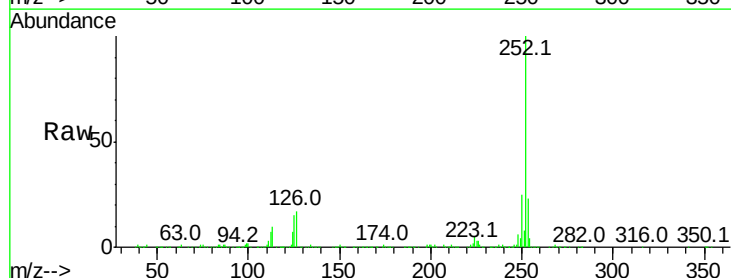
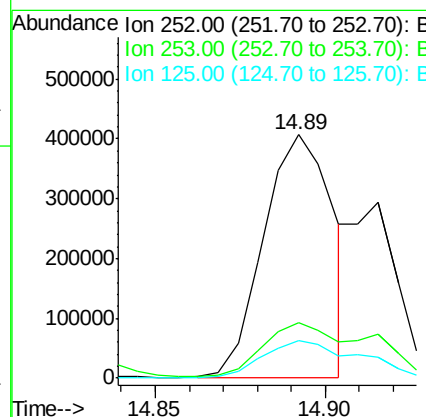
RT: 14.89 min Scan# 2177

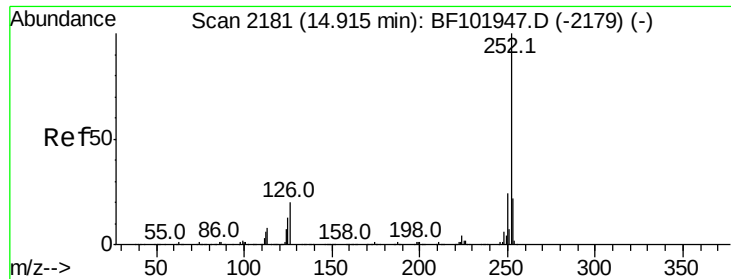
Delta R.T. 0.01 min

Lab File: BF102004.D

Acq: 11 Jan 2018 2:37

Tgt Ion:	252	Resp:	574175
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	15.3	9.0	13.6#





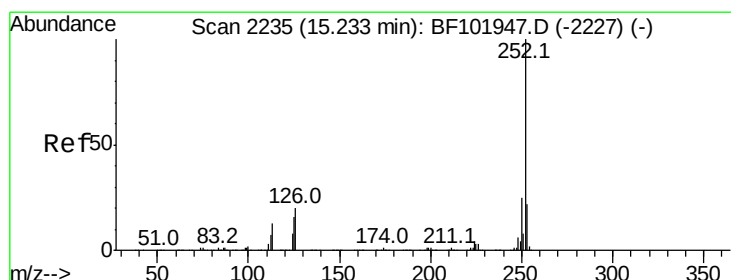
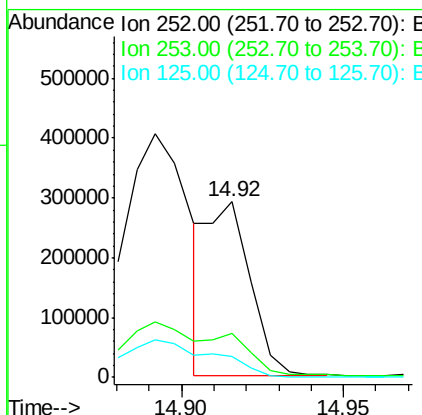
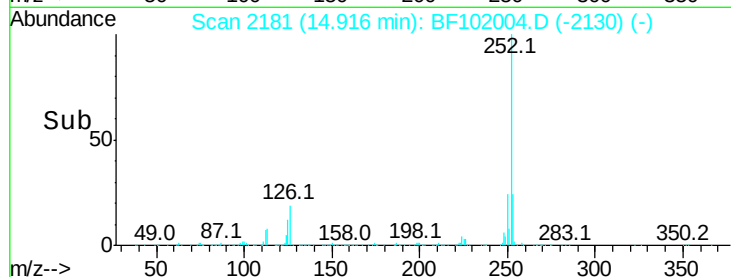
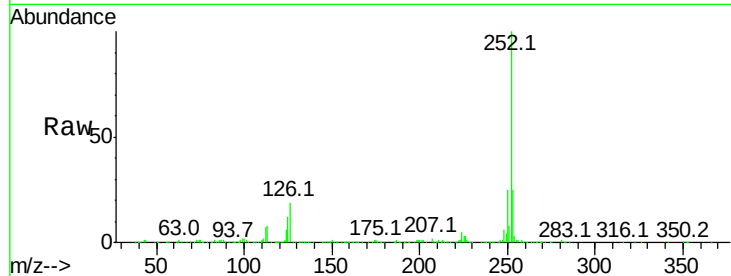
#88
Benzo(k)fluoranthene
Concen: 11.085 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	12.3	10.2	15.2

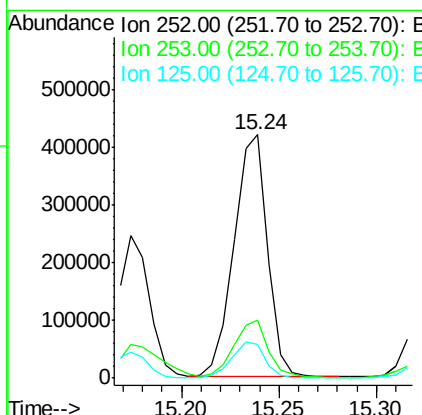
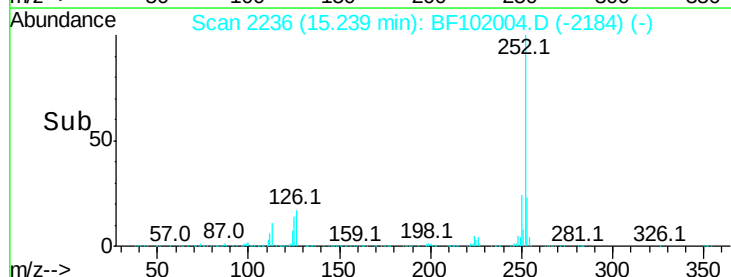
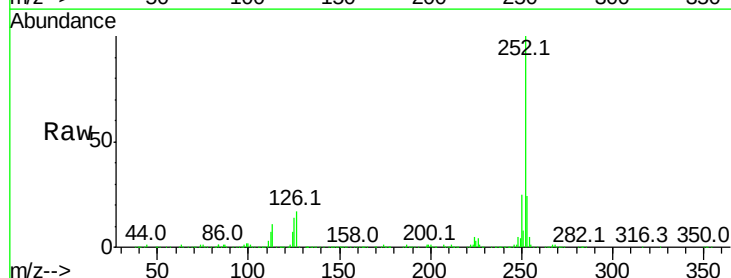
Manual Integrations
APPROVED

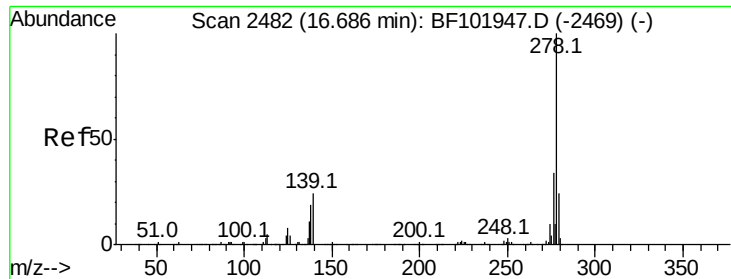
Sohil
1/11/2018 10:53:39 AM



#89
Benzo(a)pyrene
Concen: 22.509 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	14.1	9.8	14.6





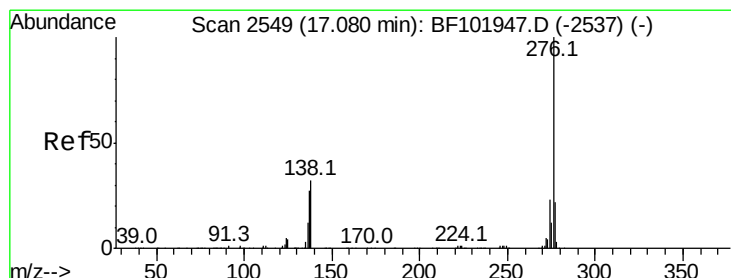
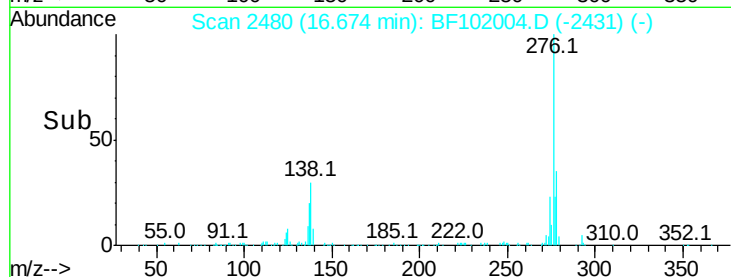
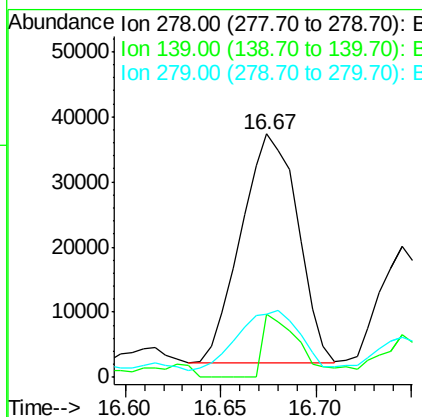
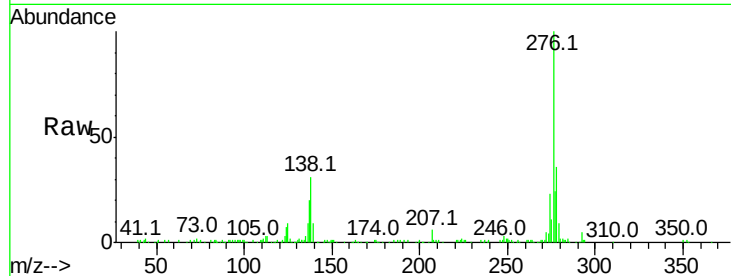
#90
Dibenzo(a,h)anthracene
Concen: 4.097 ng m
RT: 16.67 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Instrument :
BNA_F
ClientSampleId :
WC-43-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.1	15.9	23.9#
279	25.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/11/2018 10:53:39 AM



#91
Benzo(g,h,i)perylene
Concen: 12.744 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF102004.D
Acq: 11 Jan 2018 2:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	30.1	21.8	32.8

