

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091668.D
 Acq On : 16 Dec 2016 11:08
 Operator : UM/SJ
 Sample : H6007-04DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10-10-15DL

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:22:38 PM

Quant Time: Dec 16 16:57:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	42111	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	155015	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	71282	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	98298	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	84116	20.00	ng	0.00
86) Perylene-d12	15.35	264	70004	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	264785	105.93	ng	0.00
7) Phenol-d6	6.42	99	362450	116.31	ng	-0.01
23) Nitrobenzene-d5	7.34	82	231709	83.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	47448	80.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	357173	86.58	ng	0.00
78) Terphenyl-d14	12.89	244	243052	65.57	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	3.07	79	40739	11.59	ng	90
6) Aniline	6.44	93	18652	4.57	ng	# 81
9) Benzaldehyde	6.33	77	4596	2.14	ng	# 78
10) Phenol	6.43	94	24323	6.68	ng	90
15) Benzyl Alcohol	6.93	79	4961	2.02	ng	# 42
20) 3+4-Methylphenols	7.21	107	3525	Below	Cal	84
25) Isophorone	7.34	82	194014	39.30	ng	# 67
31) Naphthalene	8.09	128	61651	8.55	ng	98
32) Benzoic acid	7.80	122	702	5.28	ng	# 66
37) 2-Methylnaphthalene	8.78	142	22260	4.77	ng	98
45) 1,1'-Biphenyl	9.24	154	13300	2.58	ng	100
48) Acenaphthylene	9.69	152	15598	2.56	ng	# 94
49) Dimethylphthalate	9.54	163	46151	10.22	ng	99
51) Acenaphthene	9.86	154	62104	14.67	ng	99
53) 2,4-Dinitrophenol	9.95	184	487	3.36	ng	# 1
54) Dibenzofuran	10.03	168	77768	14.85	ng	95
57) Fluorene	10.36	166	43592	7.50	ng	# 99
65) n-Nitrosodiphenylamine	10.48	169	8900	3.04	ng	# 68
70) Phenanthrene	11.33	178	1230404	252.76	ng	99
71) Anthracene	11.38	178	269218	51.28	ng	99
72) Carbazole	11.54	167	96113	20.88	ng	96
73) Di-n-butylphthalate	11.87	149	48345	9.02	ng	# 91
74) Fluoranthene	12.52	202	1630637	319.92	ng	98
77) Pyrene	12.75	202	1297105	194.37	ng	99
79) Butylbenzylphthalate	13.37	149	7363	2.83	ng	# 52
80) Benzo(a)anthracene	13.93	228	804319	164.65	ng	99
82) Chrysene	13.96	228	557220	109.03	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	264132	79.14	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.71	276	282324	61.39	ng	94
87) Benzo(b)fluoranthene	14.96	252	729534m	174.82	ng	
88) Benzo(k)fluoranthene	14.98	252	270611m	73.75	ng	
89) Benzo(a)pyrene	15.30	252	472050	125.56	ng	# 96
90) Dibenzo(a,h)anthracene	16.72	278	70020	20.79	ng	97
91) Benzo(g,h,i)perylene	17.12	276	252932	73.79	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091668.D
Acq On : 16 Dec 2016 11:08
Operator : UM/SJ
Sample : H6007-04DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM

Quant Time: Dec 16 16:57:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

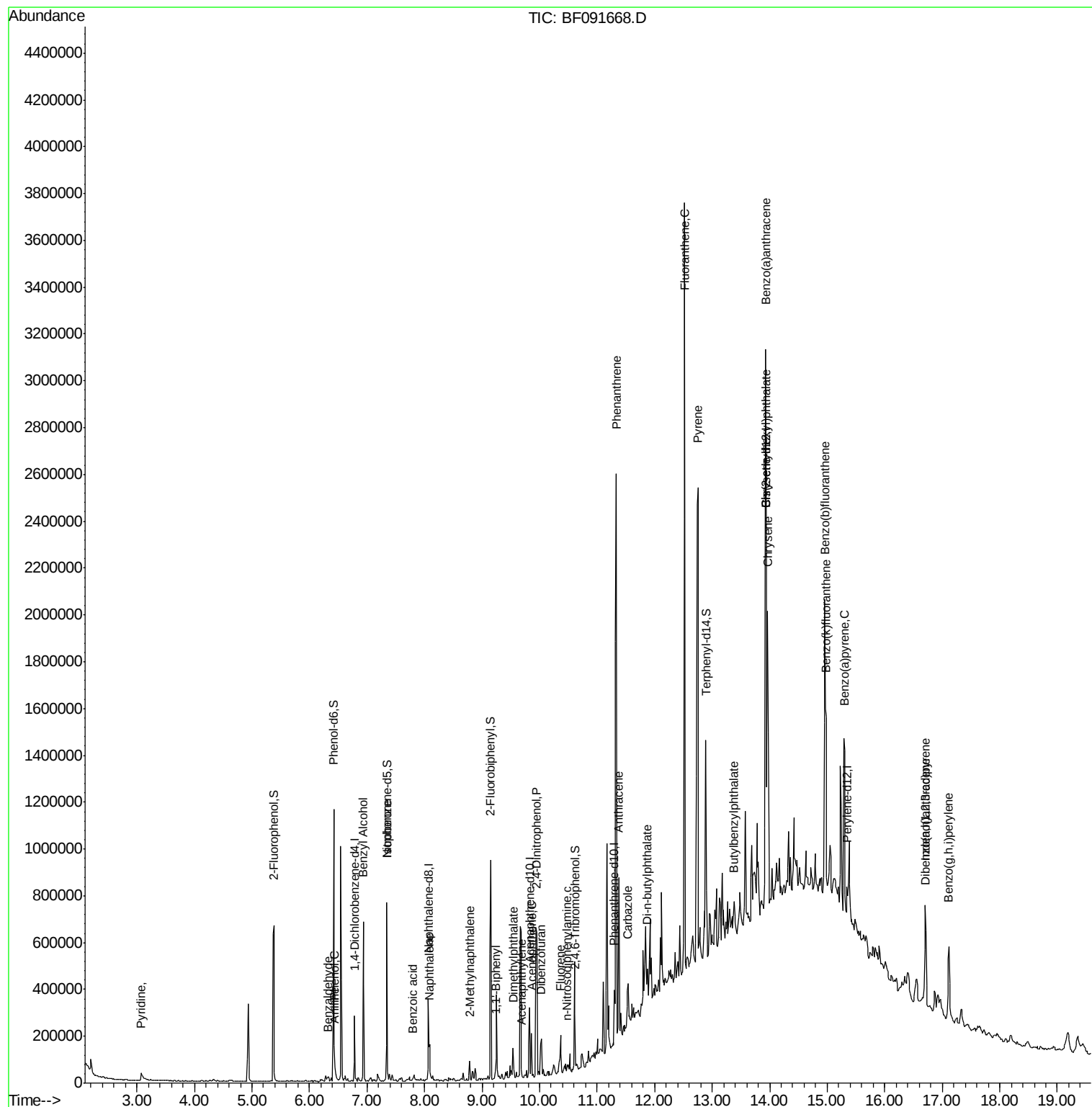
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091668.D
Acq On : 16 Dec 2016 11:08
Operator : UM/SJ
Sample : H6007-04DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

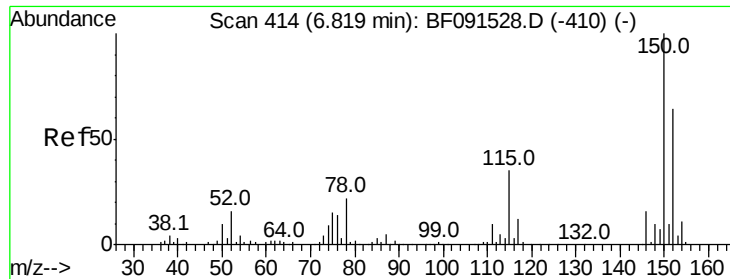
Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM

Quant Time: Dec 16 16:57:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

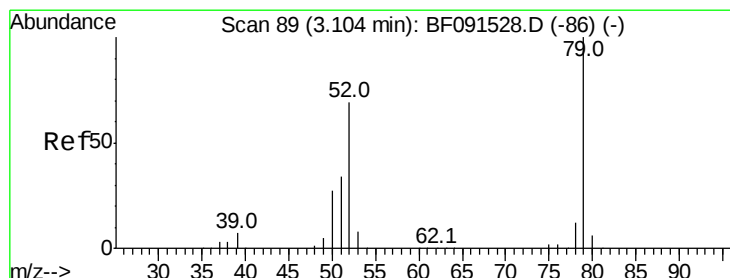
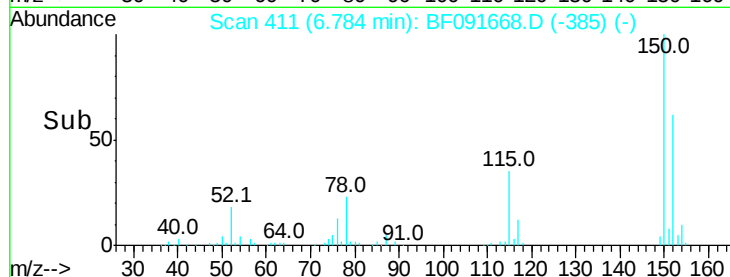
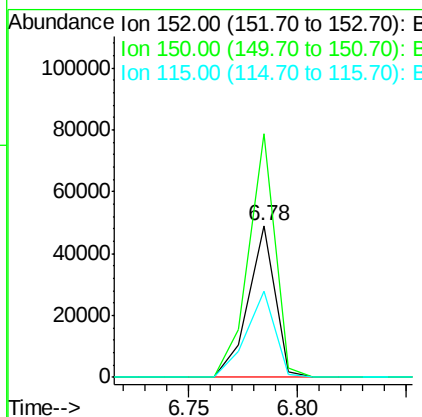
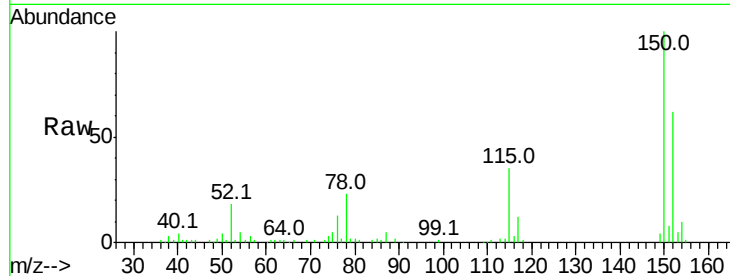
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	122.5	183.7
115	56.3	51.8	77.8

Manual Integrations
APPROVED

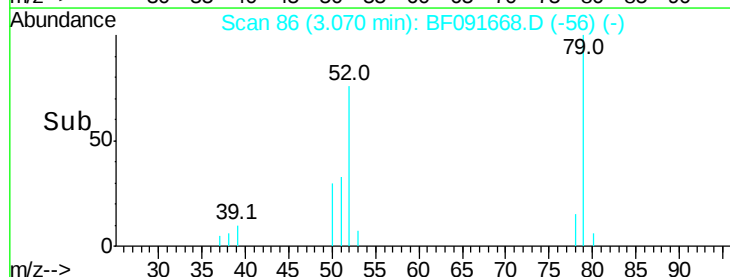
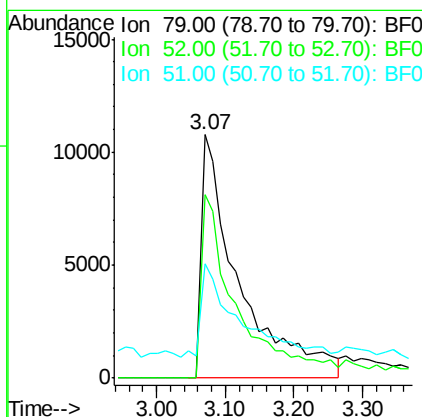
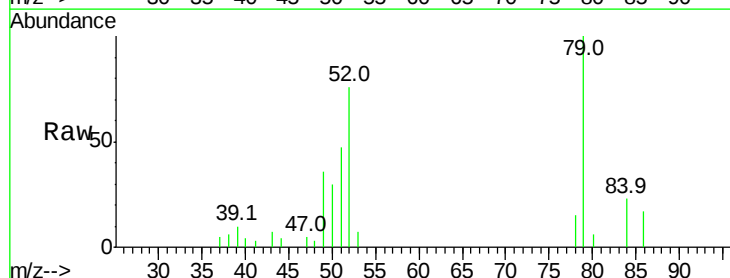
UMANGI
12/16/2016 6:22:38 PM

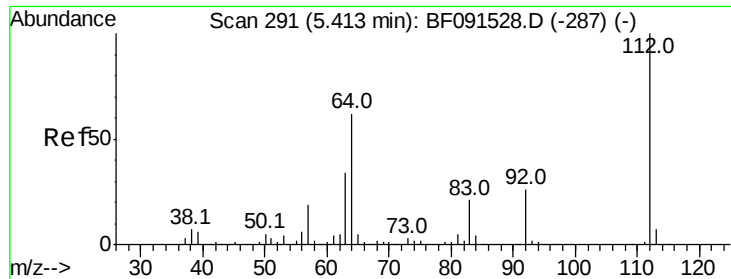


#3

Pyridine
Concen: 11.59 ng
RT: 3.07 min Scan# 86
Delta R.T. 0.05 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
79	100		
52	75.5	71.0	106.4
51	46.8	37.0	55.4





#5

2-Fluorophenol

Concen: 105.93 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

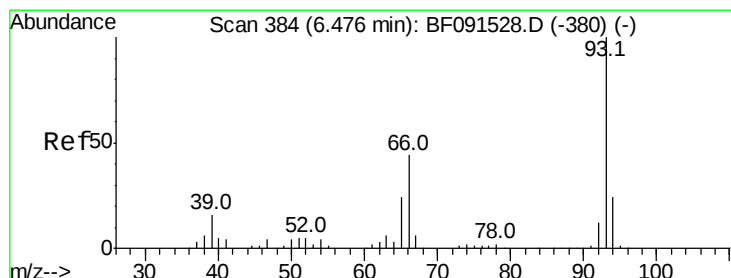
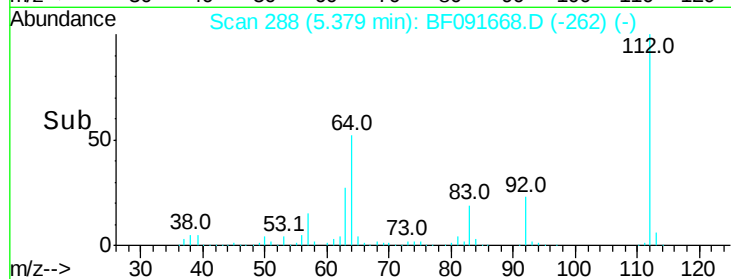
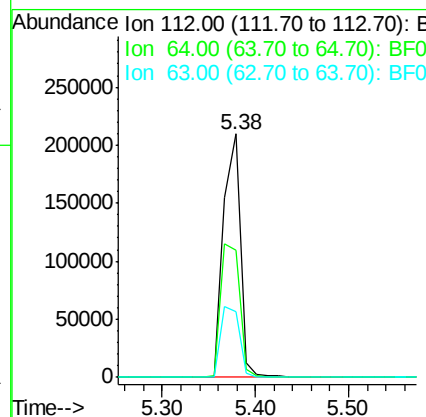
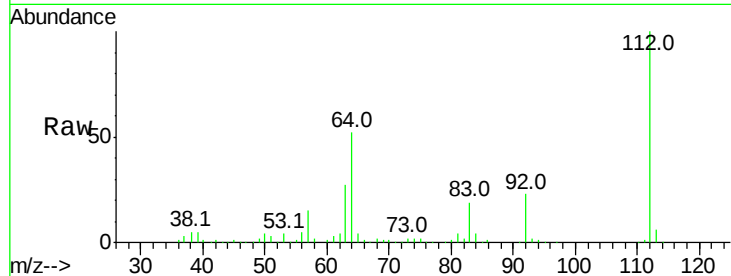
ClientSampleId :

WC-10-10-15DL

Tot Ion:	112	Resp:	264785
Ion Ratio	Lower	Upper	
112	100		
64	52.2	61.5	92.3#
63	27.1	33.3	49.9#

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



#6

Aniline

Concen: 4.57 ng

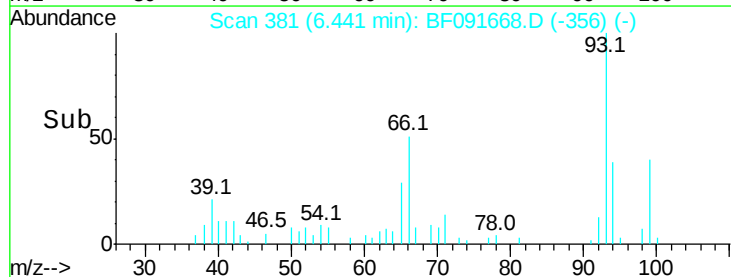
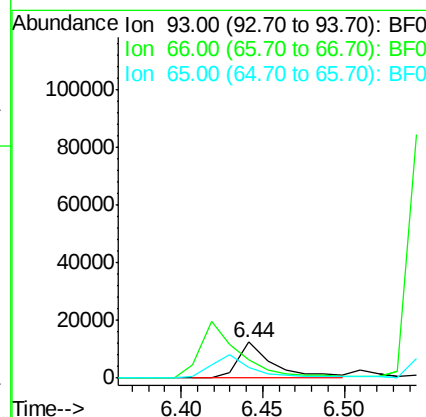
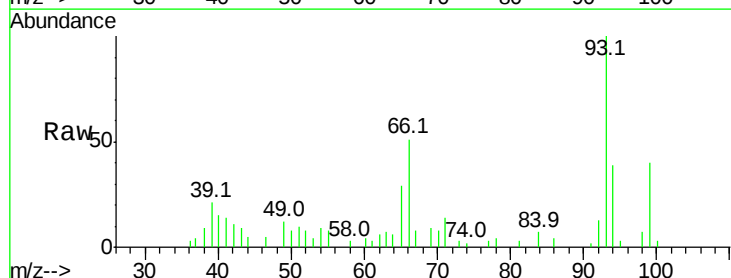
RT: 6.44 min Scan# 381

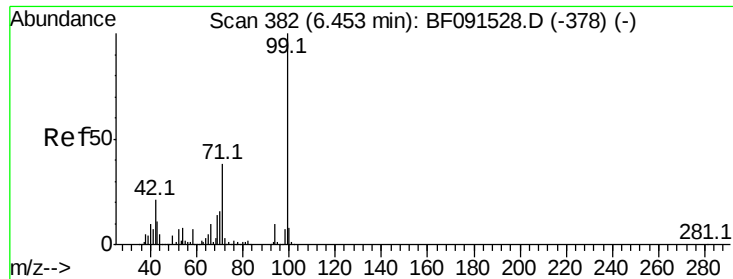
Delta R.T. -0.01 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Tgt Ion:	93	Resp:	18652
Ion Ratio	Lower	Upper	
93	100		
66	51.4	55.8	83.6#
65	29.3	29.9	44.9#





#7

Phenol-d6

Concen: 116.31 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

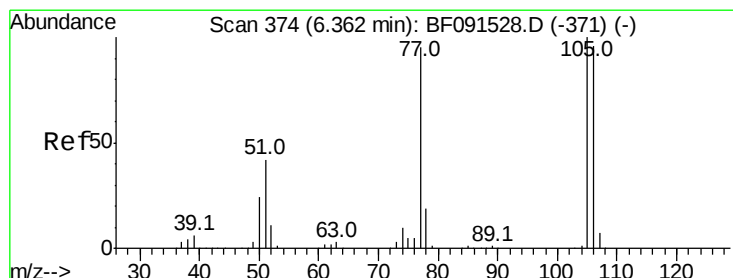
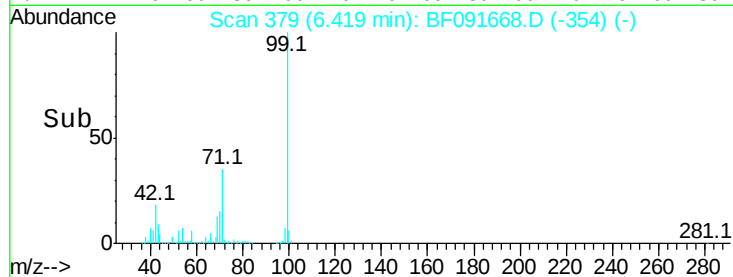
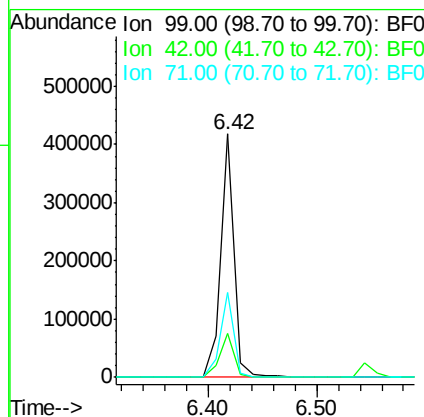
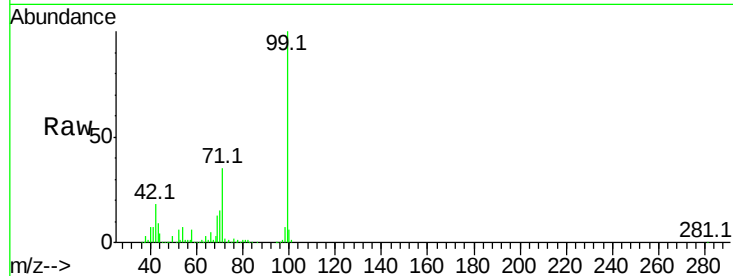
ClientSampleId :

WC-10-10-15DL

Tot Ion:	99	Resp:	362450
Ion Ratio	Lower	Upper	
99	100		
42	17.9	20.6	31.0#
71	35.0	29.9	44.9

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



#9

Benzaldehyde

Concen: 2.14 ng

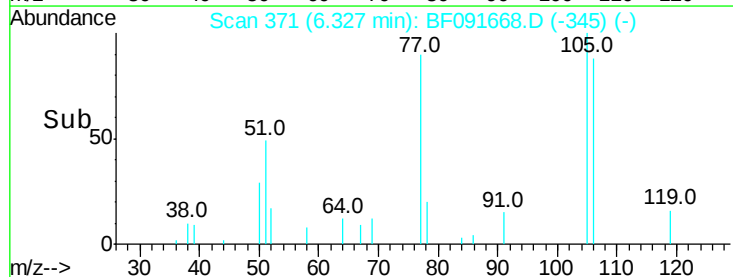
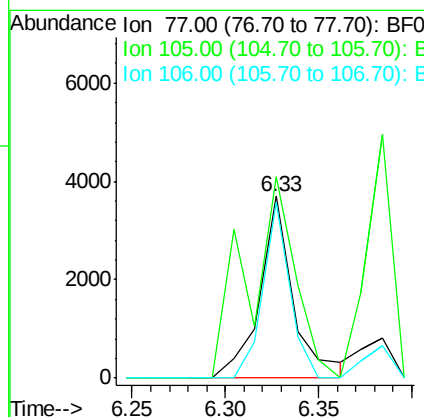
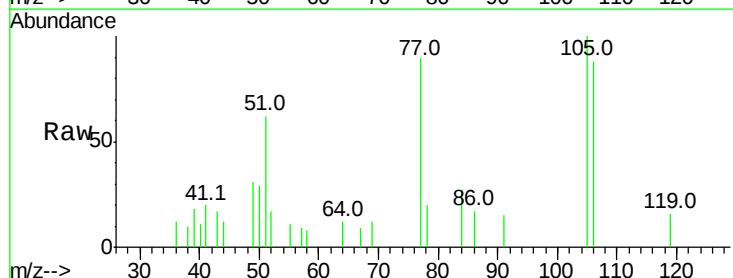
RT: 6.33 min Scan# 371

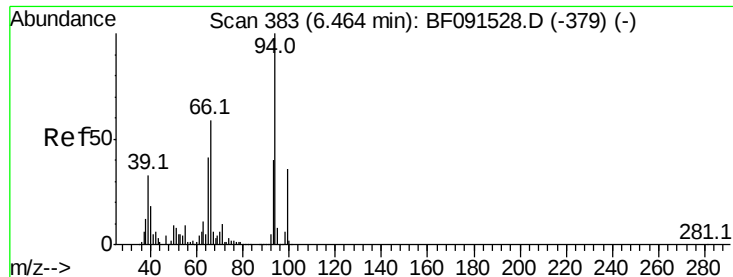
Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Tgt Ion:	77	Resp:	4596
Ion Ratio	Lower	Upper	
77	100		
105	110.6	66.4	106.4#
106	96.9	60.9	100.9





#10

Phenol

Concen: 6.68 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

ClientSampleId :

WC-10-10-15DL

Tot Ion: 94 Resp: 24323

Ion Ratio Lower Upper

94 100

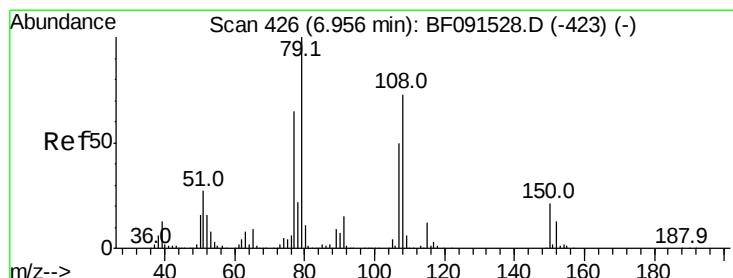
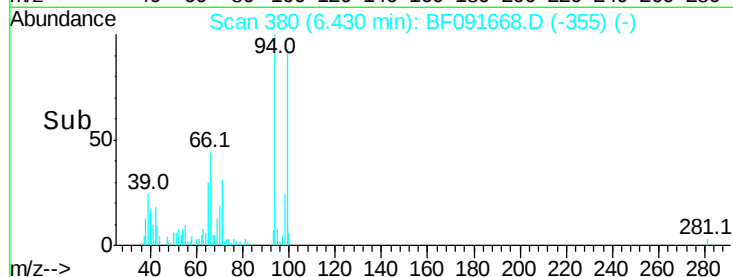
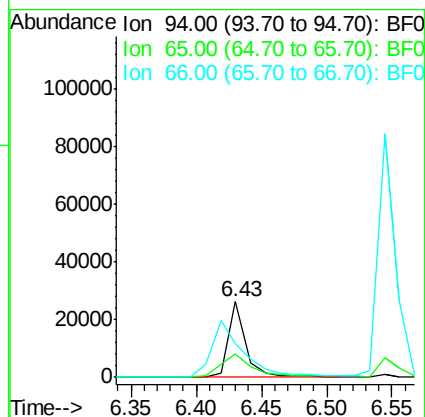
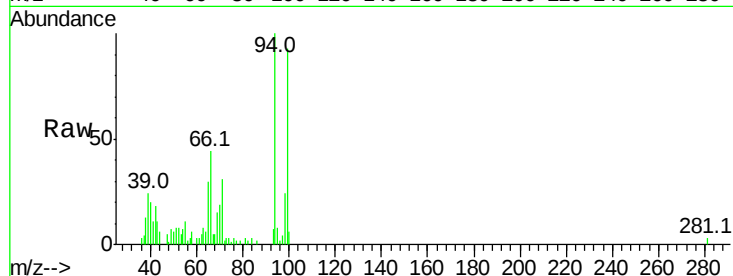
65 30.2 16.9 56.9

66 44.0 30.6 70.6

Manual Integrations
APPROVED

UMANGI

12/16/2016 6:22:38 PM



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

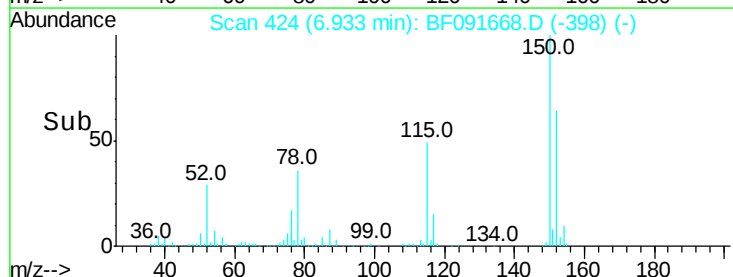
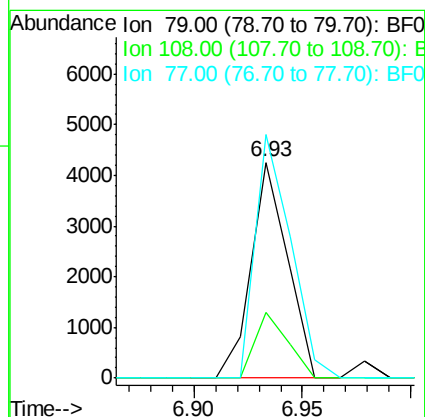
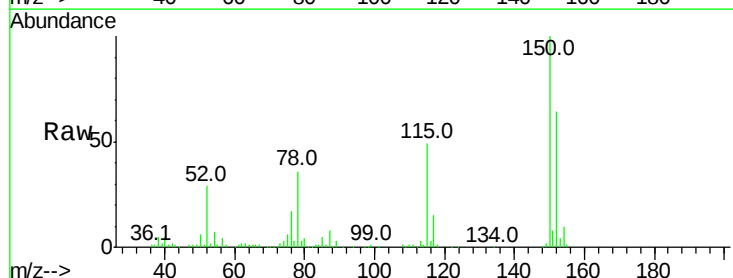
Tgt Ion: 79 Resp: 4961

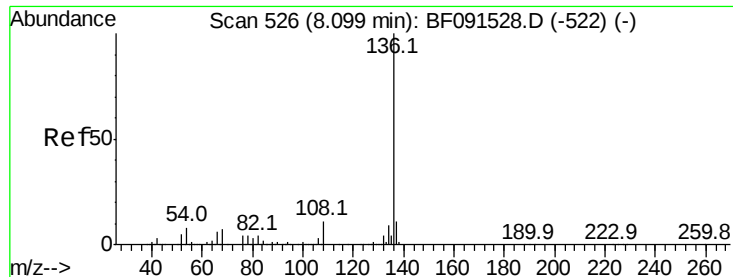
Ion Ratio Lower Upper

79 100

108 30.6 62.7 94.1#

77 112.7 51.7 77.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

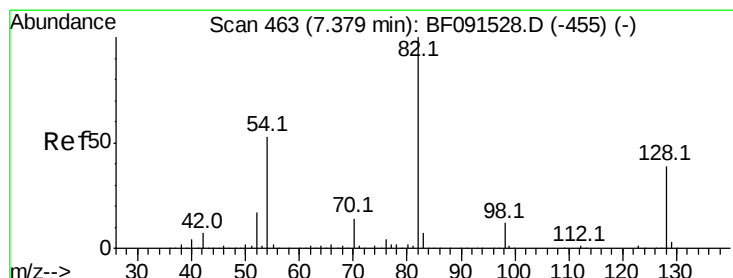
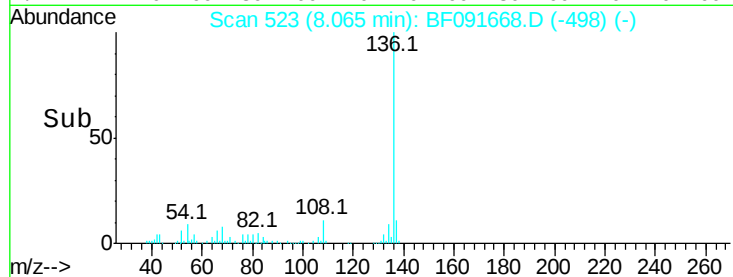
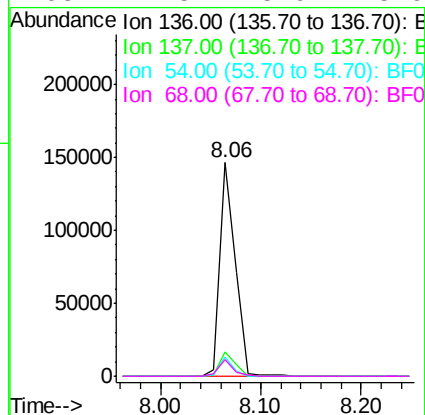
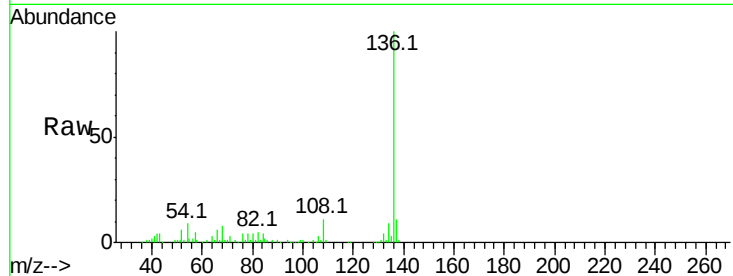
ClientSampleId :

WC-10-10-15DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.2	9.1	13.7
68	7.5	5.9	8.9

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



#23

Nitrobenzene-d5

Concen: 83.43 ng

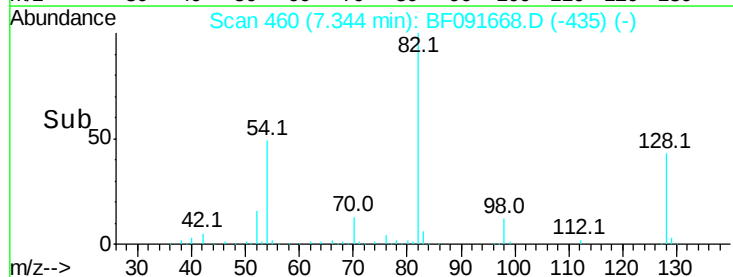
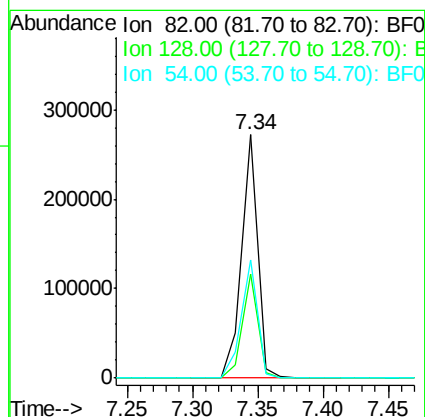
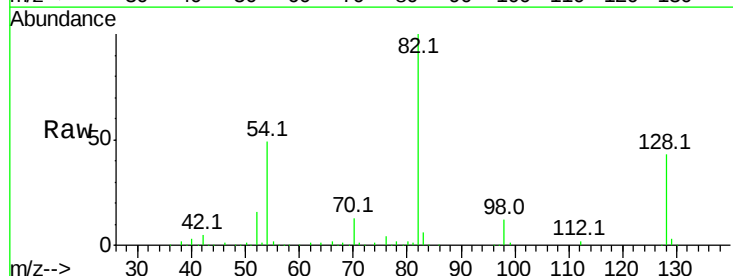
RT: 7.34 min Scan# 460

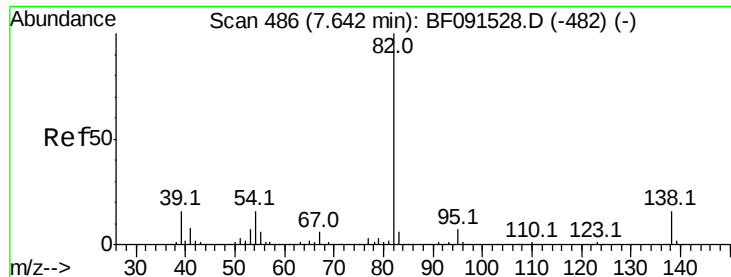
Delta R.T. -0.01 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.9	31.8	47.6
54	48.7	49.1	73.7#





#25

Isophorone

Concen: 39.30 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.27 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

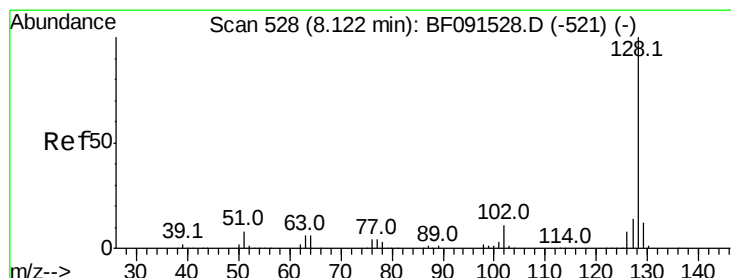
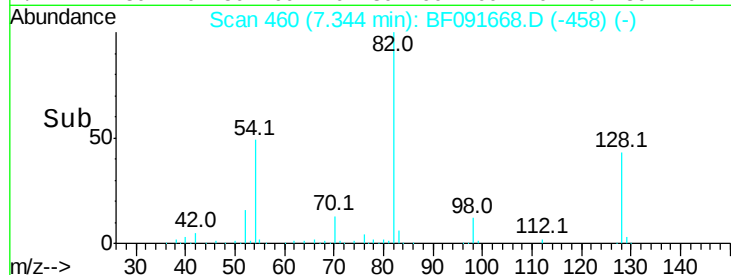
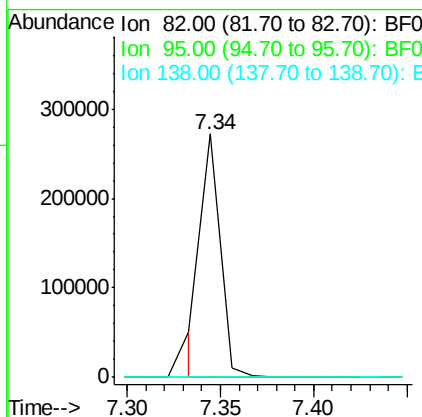
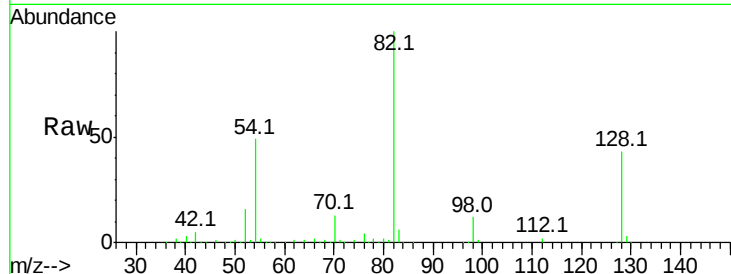
ClientSampleId :

WC-10-10-15DL

Tot Ion:	82	Resp:	194014
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



#31

Naphthalene

Concen: 8.55 ng

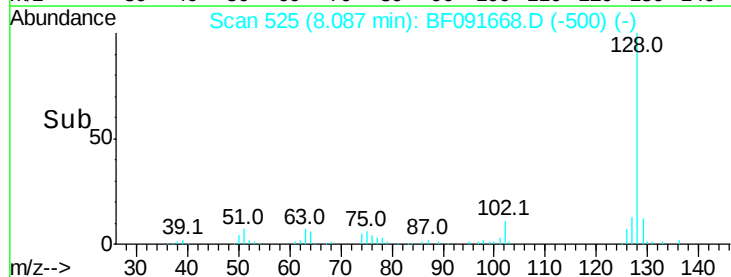
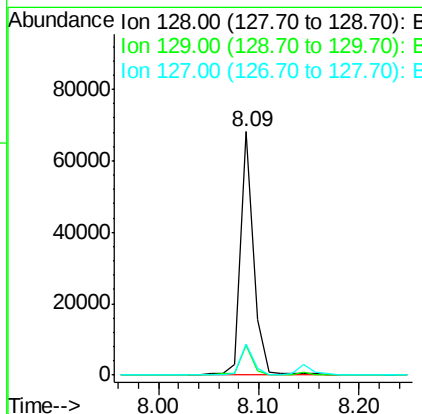
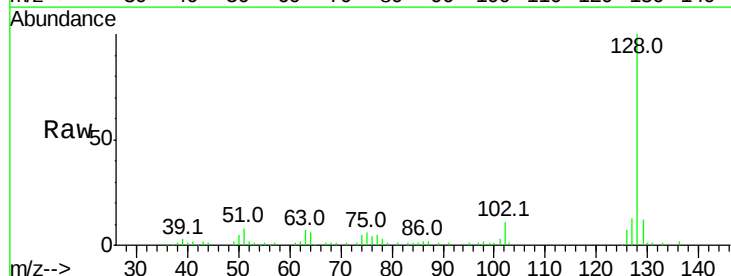
RT: 8.09 min Scan# 525

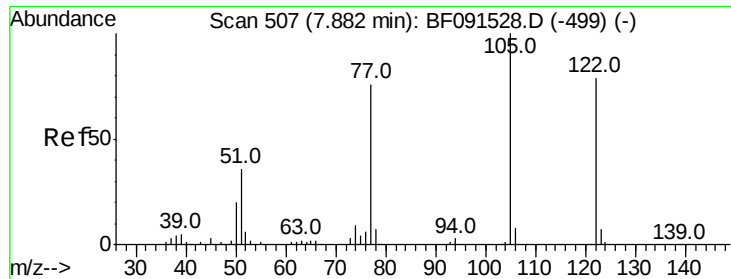
Delta R.T. -0.01 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Tgt Ion:	128	Resp:	61651
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.1	13.7
127	12.8	11.0	16.4





#32

Benzoic acid

Concen: 5.28 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.06 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

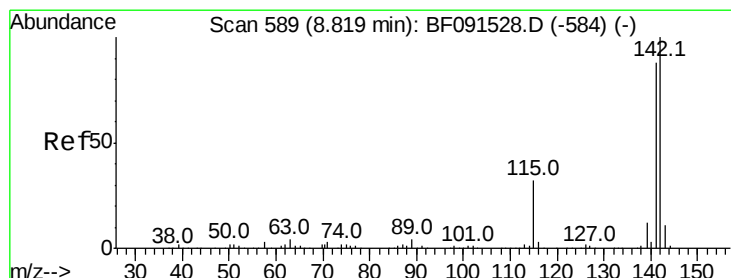
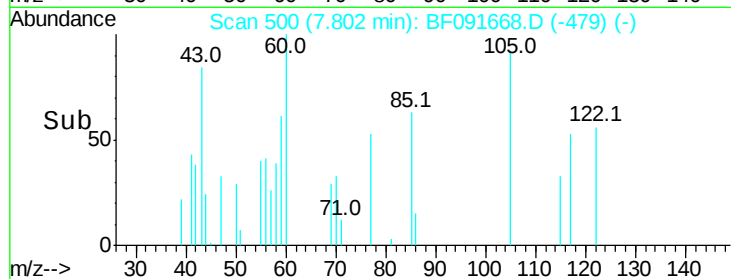
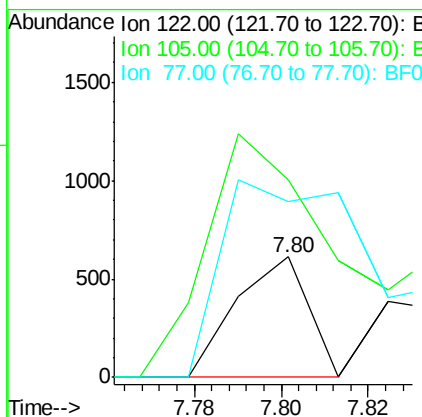
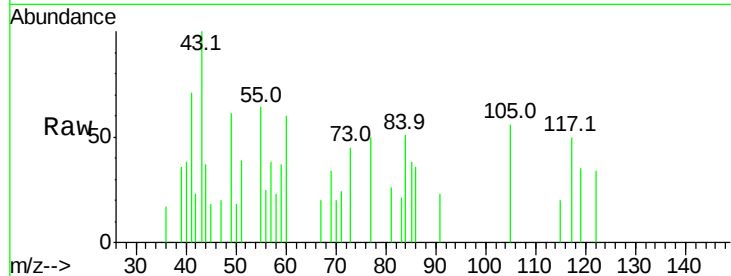
ClientSampleId :

WC-10-10-15DL

Tot Ion:	122	Resp:	702
Ion Ratio	Lower	Upper	
122	100		
105	164.2	113.0	153.0#
77	146.4	82.0	122.0#

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



#37

2-Methylnaphthalene

Concen: 4.77 ng

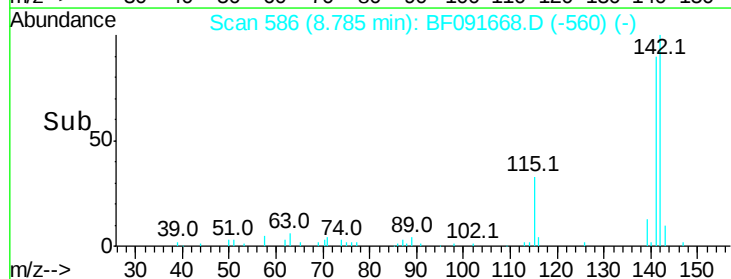
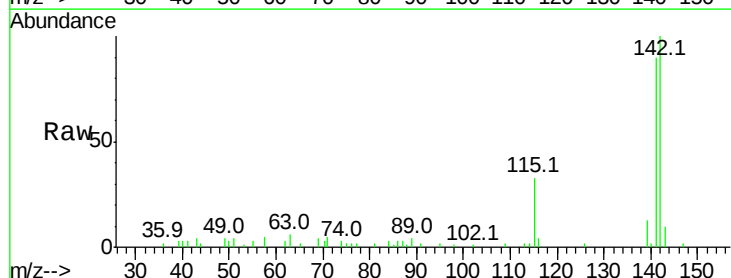
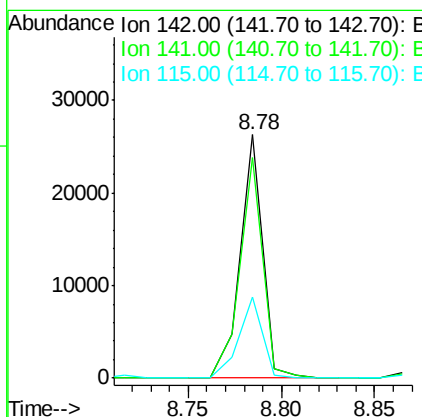
RT: 8.78 min Scan# 586

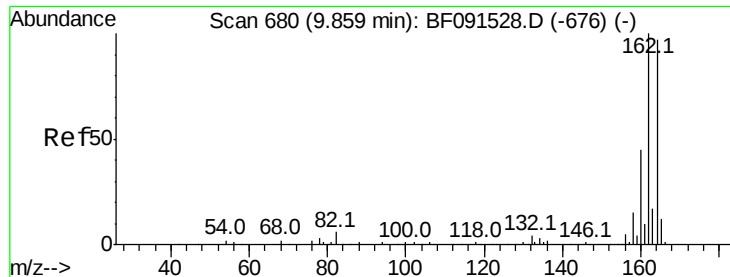
Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Tgt Ion:	142	Resp:	22260
Ion Ratio	Lower	Upper	
142	100		
141	90.4	71.7	107.5
115	33.5	25.0	37.6





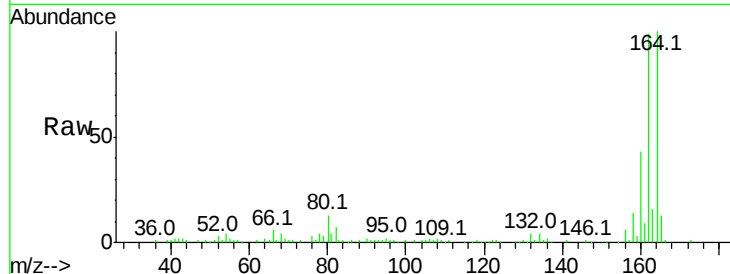
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

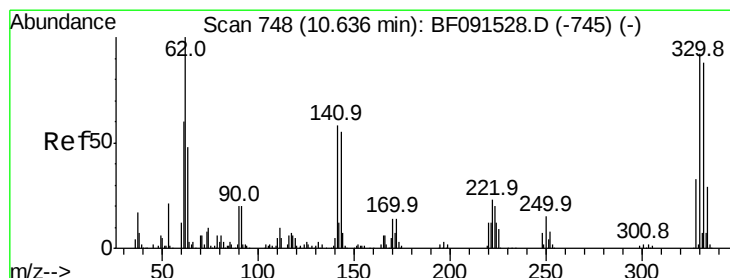
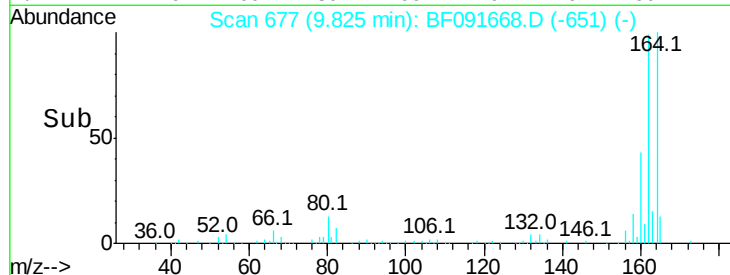
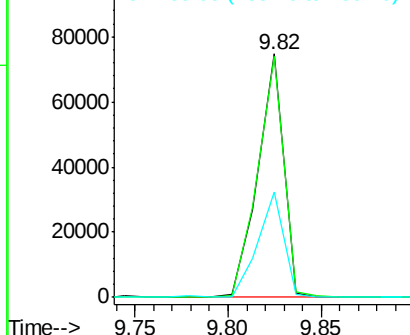
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.6	124.0
160	43.5	36.7	55.1

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM

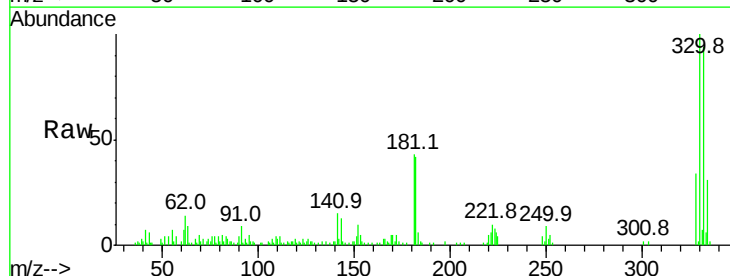


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

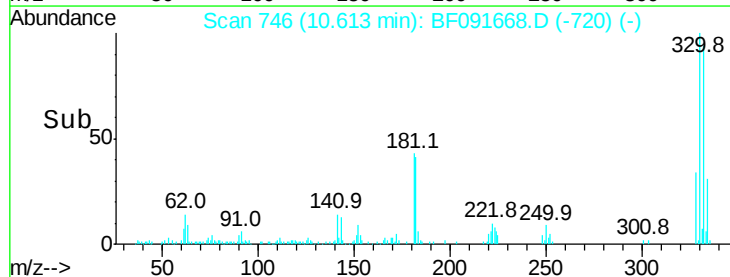
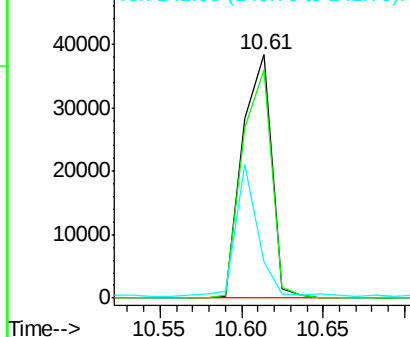


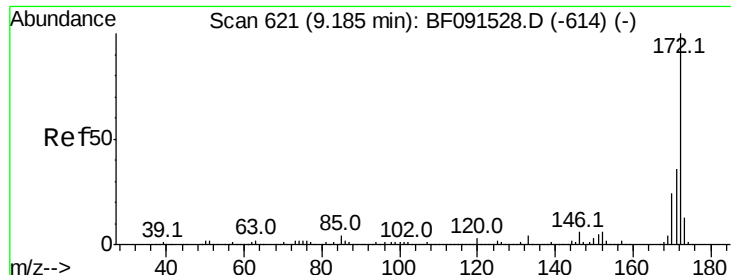
#41
2,4,6-Tribromophenol
Concen: 80.14 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	42.4	33.6	50.4



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





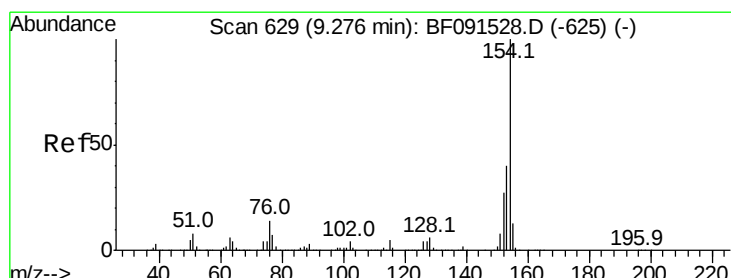
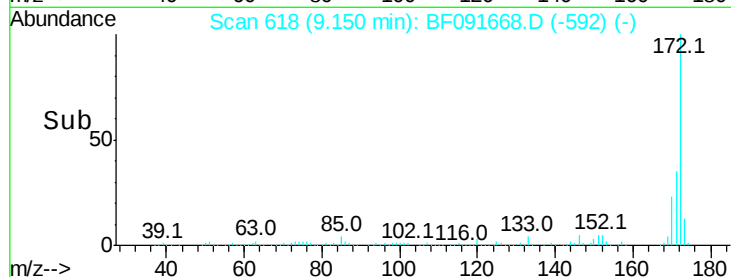
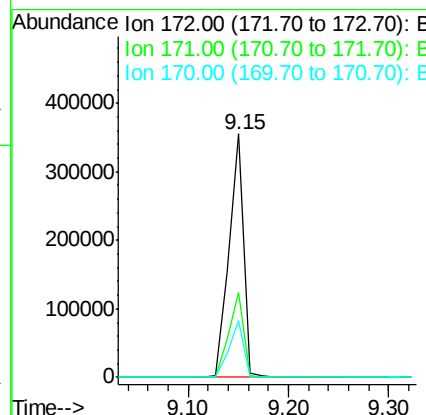
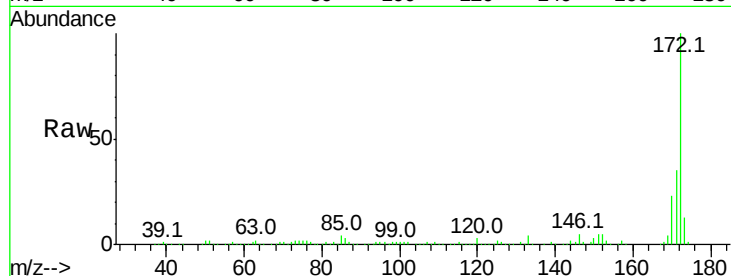
#44
2-Fluorobiphenyl
Concen: 86.58 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	357173		
171	35.1	29.4	44.0	
170	23.4	19.7	29.5	

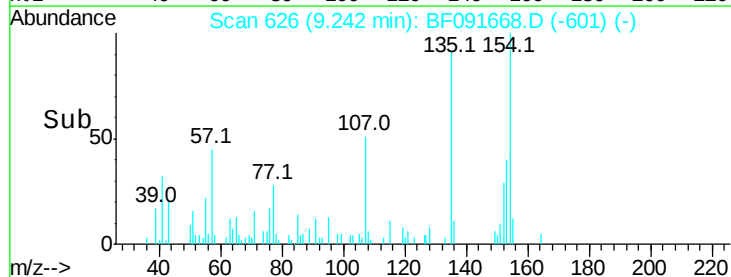
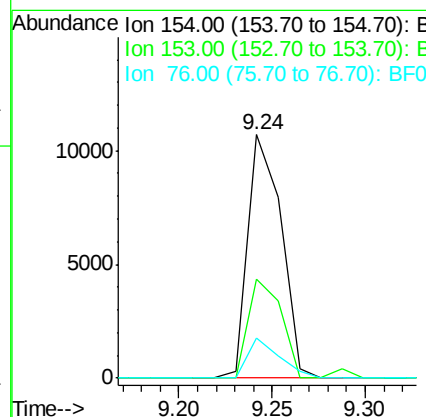
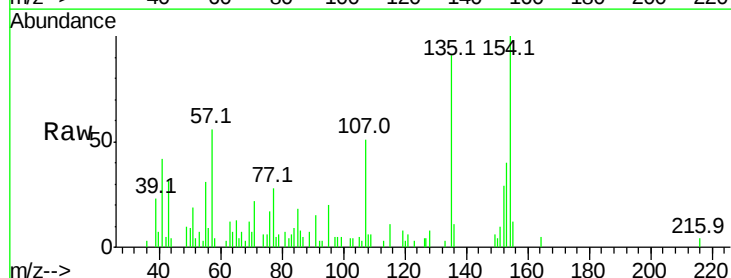
Manual Integrations
APPROVED

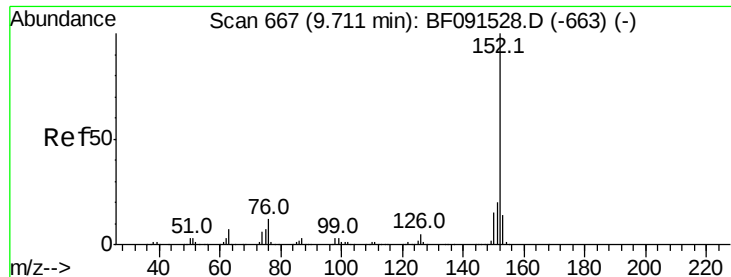
UMANGI
12/16/2016 6:22:38 PM



#45
1,1'-Biphenyl
Concen: 2.58 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	13300		
153	40.5	20.6	60.6	
76	16.7	0.0	36.6	





#48

Acenaphthylene

Concen: 2.56 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

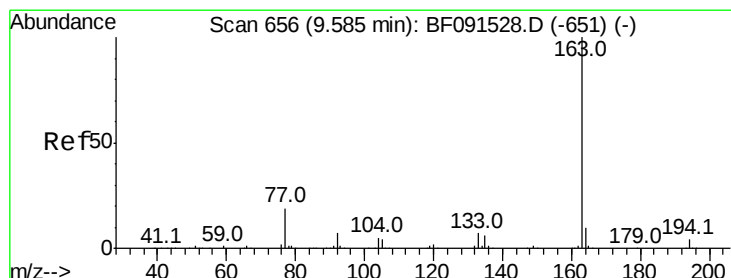
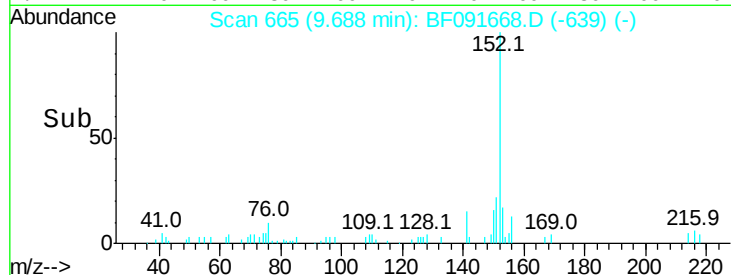
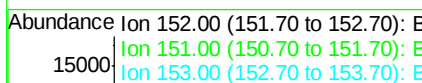
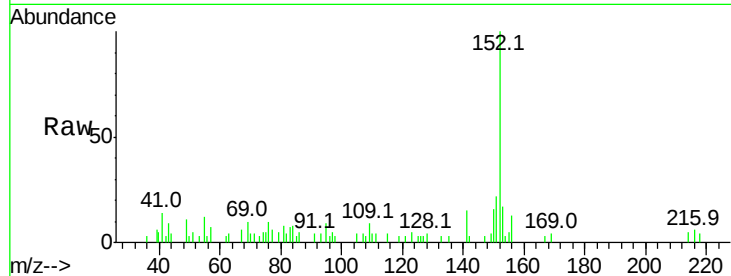
ClientSampleId :

WC-10-10-15DL

Tot Ion:	152	Resp:	15598
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.6	24.8
153	17.5	10.7	16.1#

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



#49

Dimethylphthalate

Concen: 10.22 ng

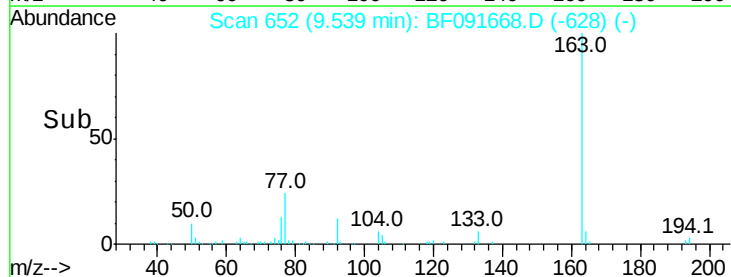
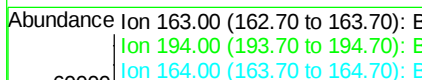
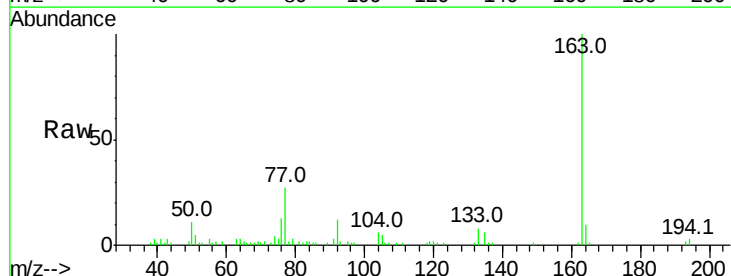
RT: 9.54 min Scan# 652

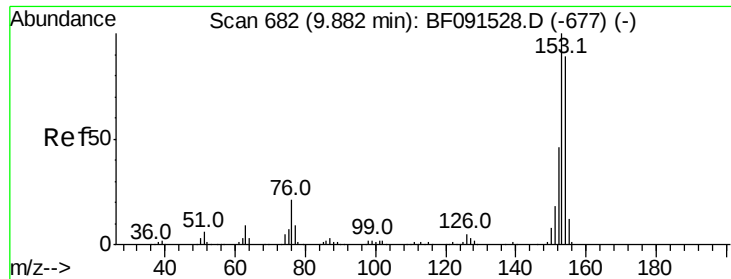
Delta R.T. -0.02 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Tgt Ion:	163	Resp:	46151
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.4
164	10.1	7.8	11.8





#51

Acenaphthene

Concen: 14.67 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

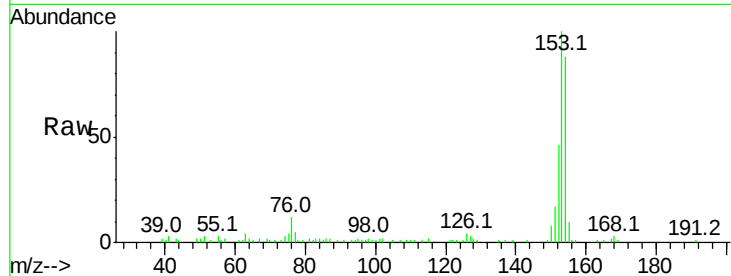
ClientSampleId :

WC-10-10-15DL

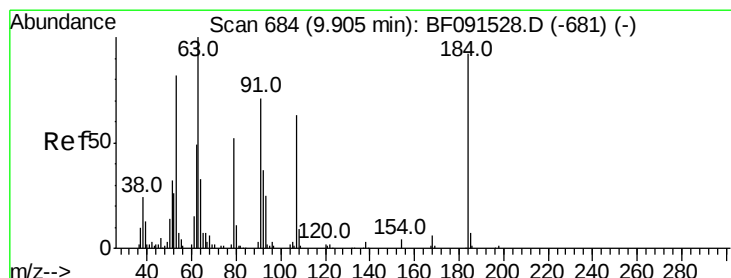
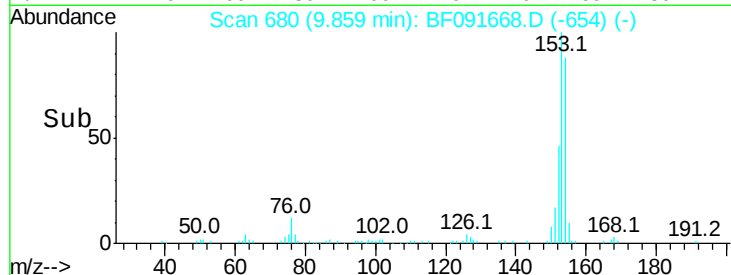
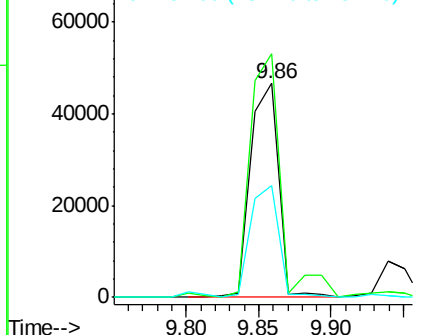
Tot Ion:	154	Resp:	62104
Ion Ratio	Lower	Upper	
154	100		
153	113.8	91.0	136.6
152	52.0	44.2	66.2

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 3.36 ng

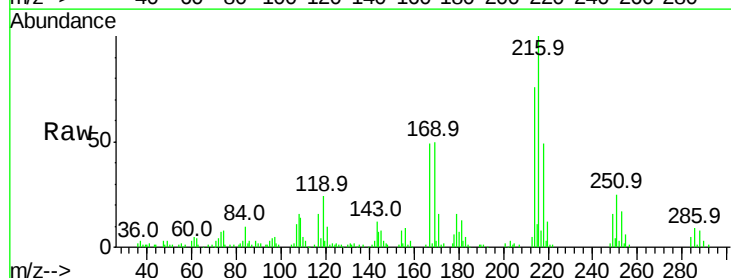
RT: 9.95 min Scan# 688

Delta R.T. 0.06 min

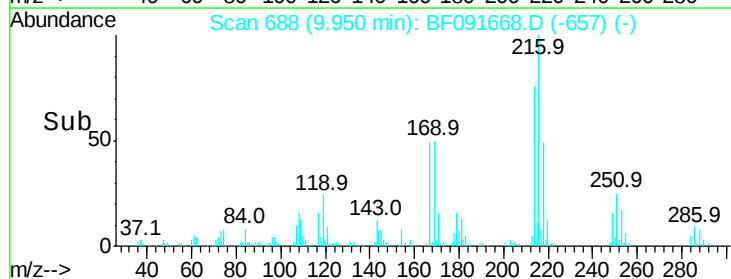
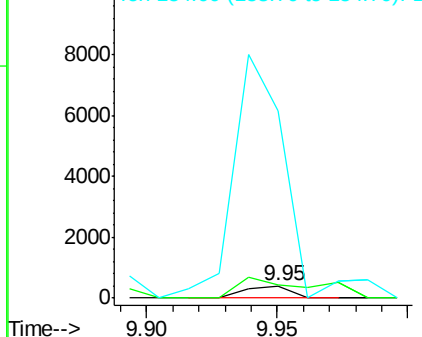
Lab File: BF091668.D

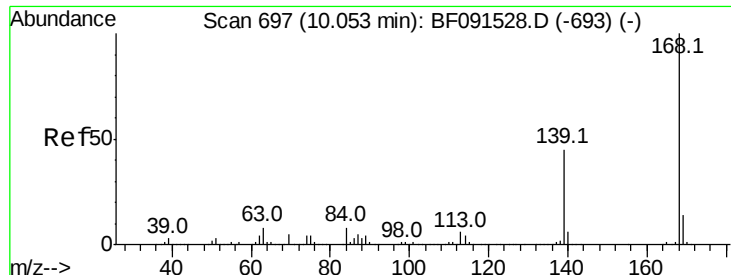
Acq: 16 Dec 2016 11:08

Tgt Ion:	184	Resp:	487
Ion Ratio	Lower	Upper	
184	100		
63	102.9	58.3	87.5#
154	1513.0	48.6	73.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





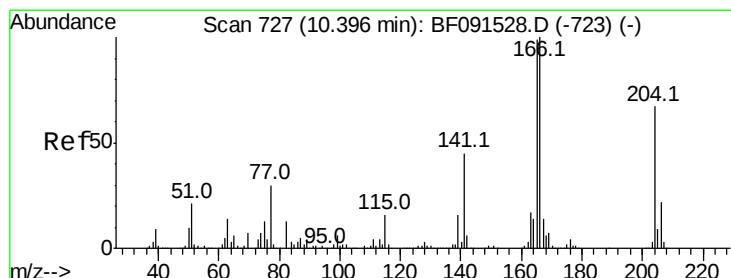
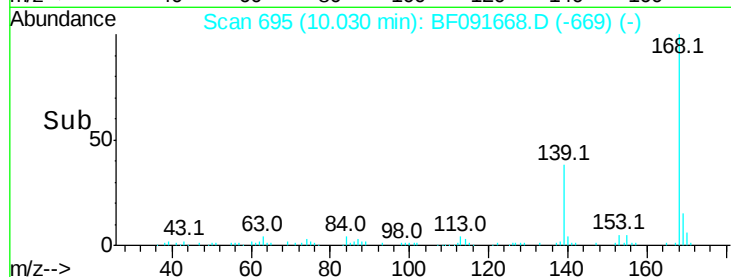
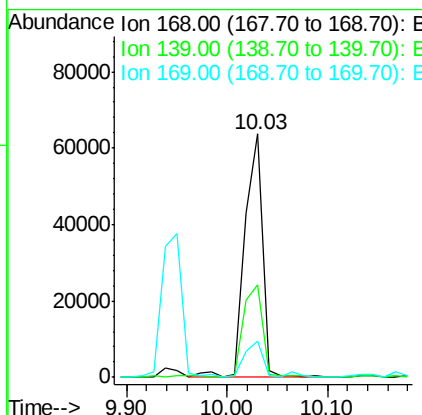
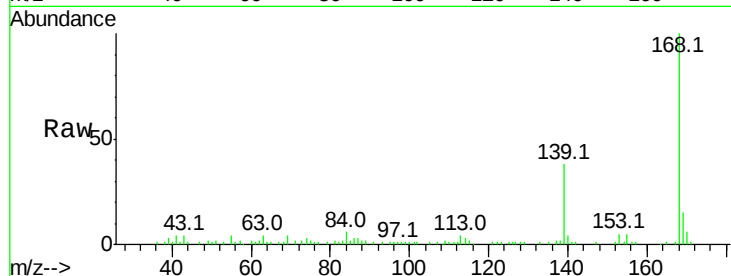
#54
Dibenzenofuran
Concen: 14.85 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	33.4	50.2
169	14.8	11.1	16.7

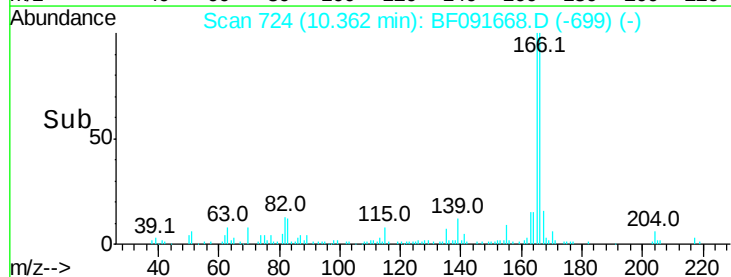
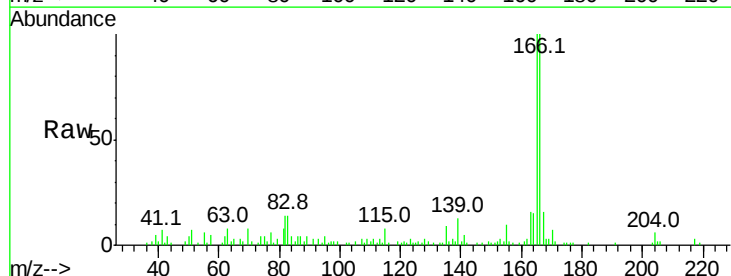
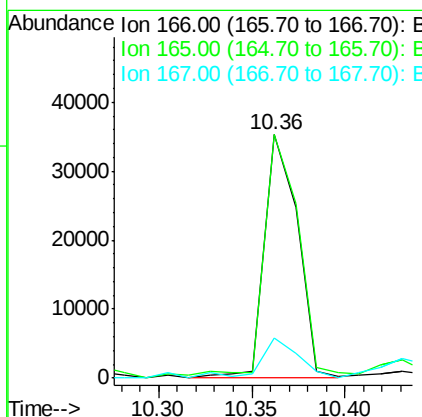
Manual Integrations
APPROVED

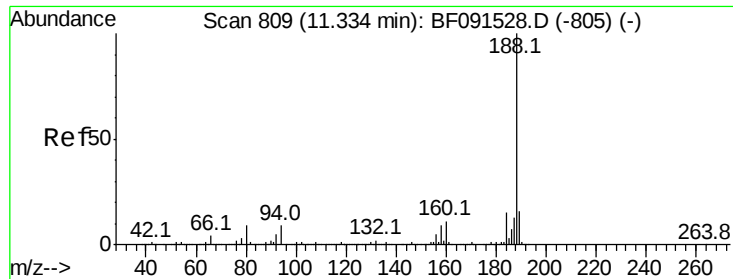
UMANGI
12/16/2016 6:22:38 PM



#57
Fluorene
Concen: 7.50 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.0	120.0
167	16.4	10.8	16.2#





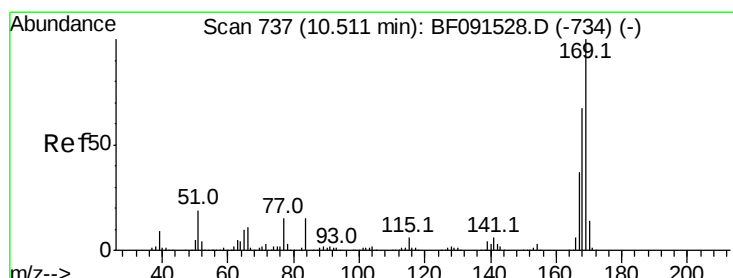
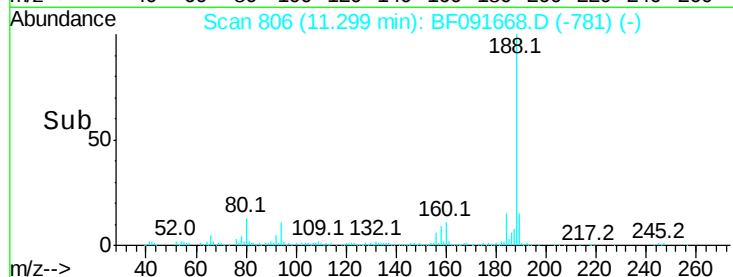
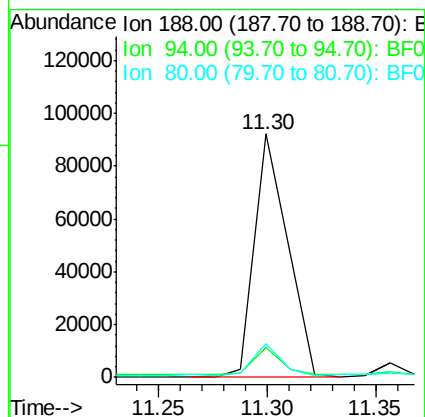
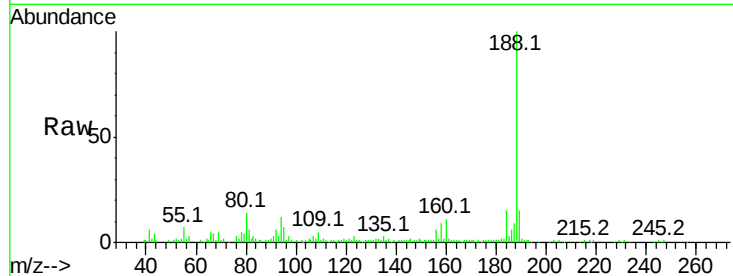
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.1	9.2	13.8	
80	13.9	10.5	15.7	

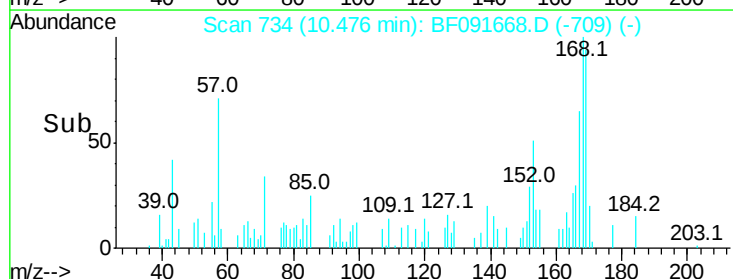
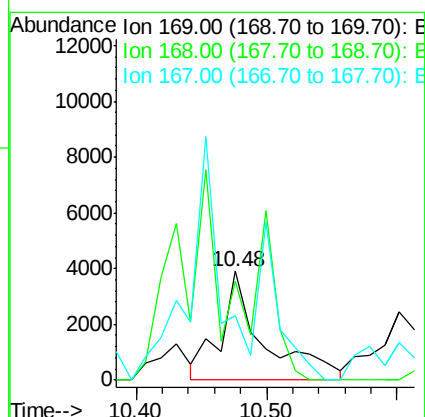
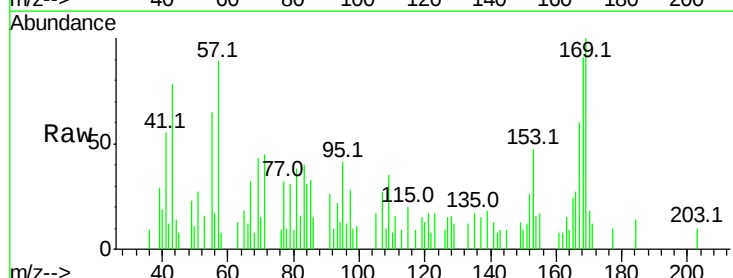
Manual Integrations
APPROVED

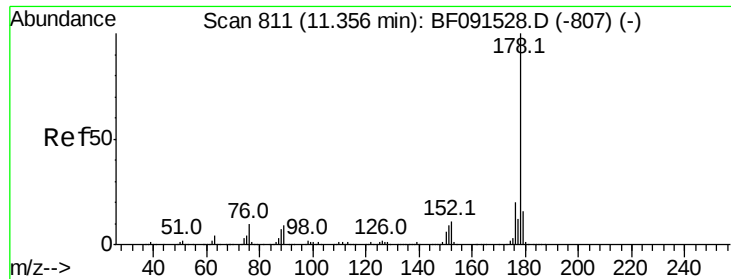
UMANGI
12/16/2016 6:22:38 PM



#65
n-Nitrosodiphenylamine
Concen: 3.04 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	91.0	53.8	80.8#	
167	59.5	29.8	44.8#	





#70

Phenanthrene

Concen: 252.76 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

ClientSampleId :

WC-10-10-15DL

Tot Ion:178 Resp: 1230404

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

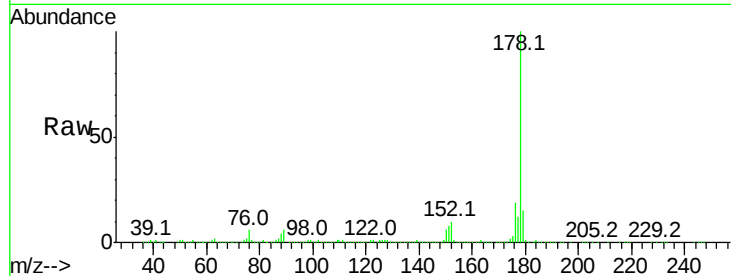
179 15.3 12.6 18.8

Manual Integrations

APPROVED

UMANGI

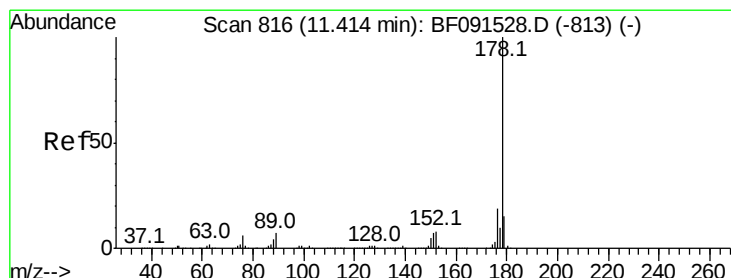
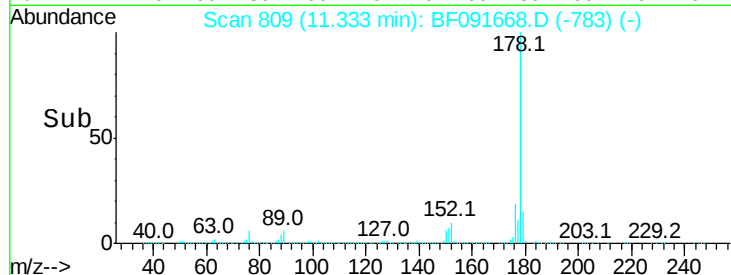
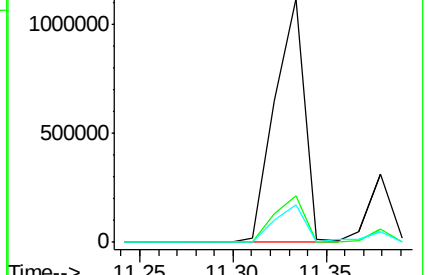
12/16/2016 6:22:38 PM



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



#71

Anthracene

Concen: 51.28 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

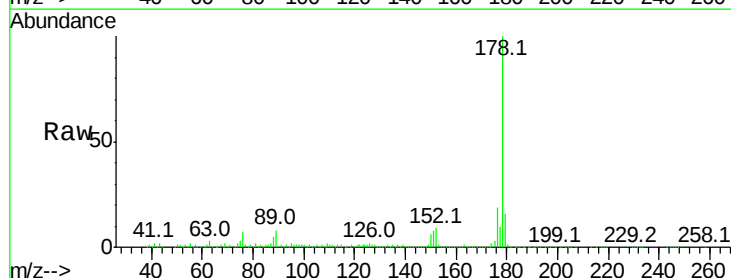
Tgt Ion:178 Resp: 269218

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

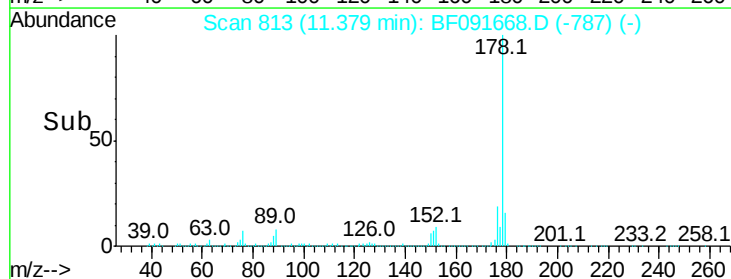
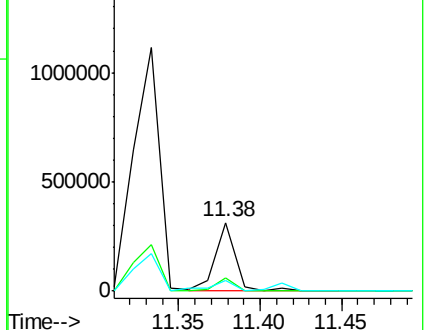
179 15.7 12.7 19.1

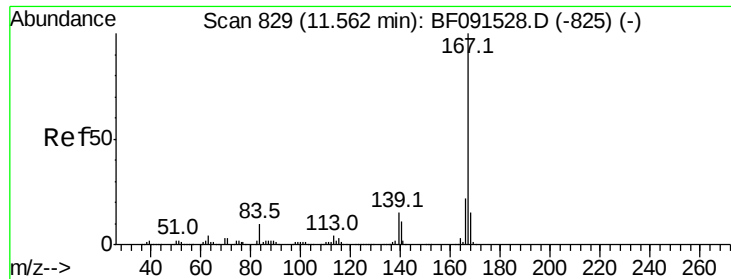


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





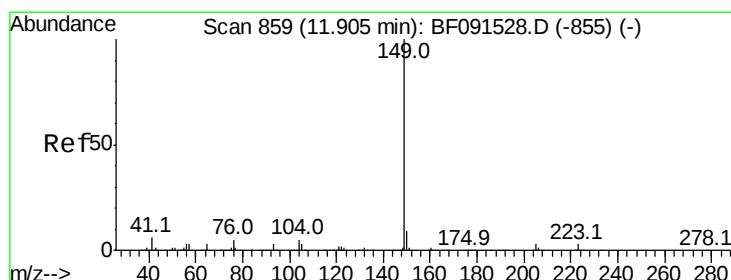
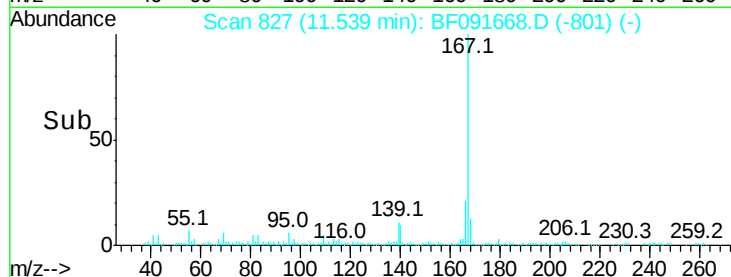
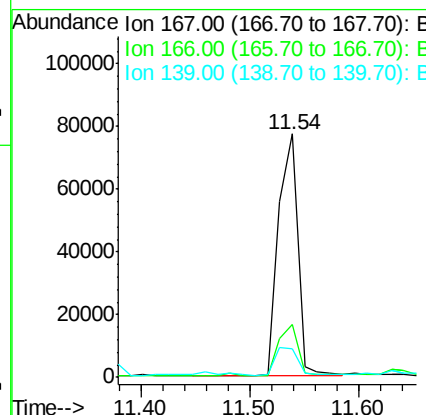
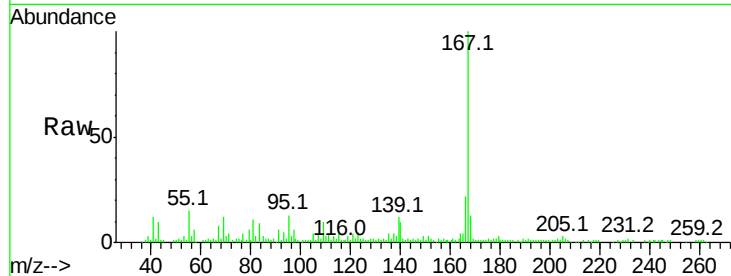
#72
 Carbazole
 Concen: 20.88 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF091668.D
 Acq: 16 Dec 2016 11:08

Instrument :
 BNA_F
 ClientSampled :
 WC-10-10-15DL

Tot Ion:	167	Resp:	96113
Ion Ratio	Lower	Upper	
167	100		
166	21.5	18.1	27.1
139	11.7	11.5	17.3

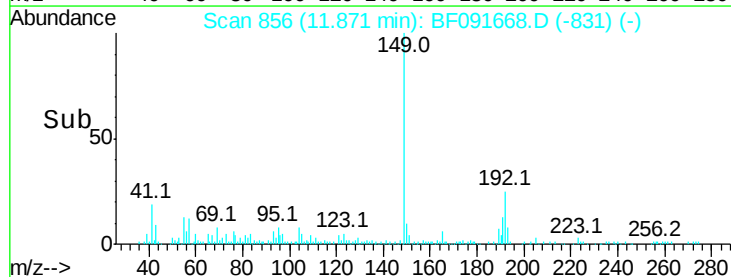
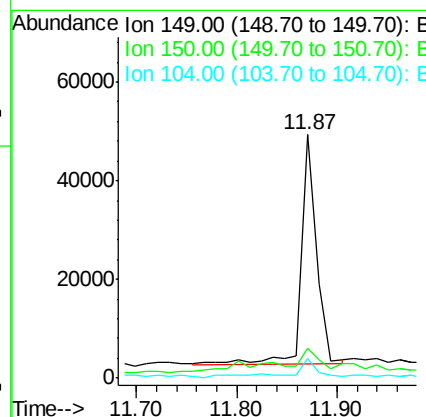
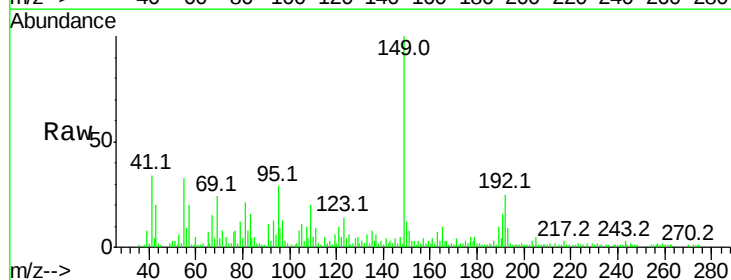
Manual Integrations
 APPROVED

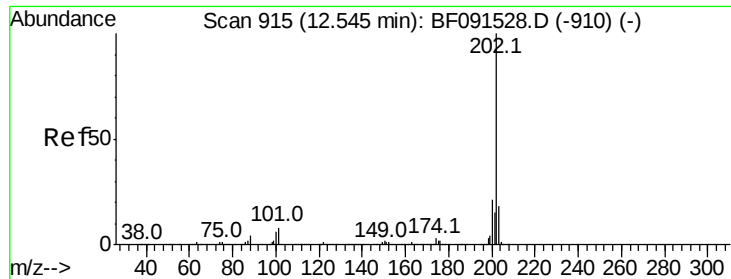
UMANGI
 12/16/2016 6:22:38 PM



#73
 Di-n-butylphthalate
 Concen: 9.02 ng
 RT: 11.87 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF091668.D
 Acq: 16 Dec 2016 11:08

Tgt Ion:	149	Resp:	48345
Ion Ratio	Lower	Upper	
149	100		
150	12.4	7.5	11.3#
104	8.0	4.0	6.0#





#74

Fluoranthene

Concen: 319.92 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

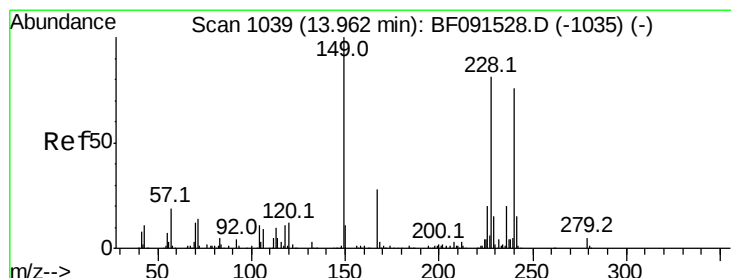
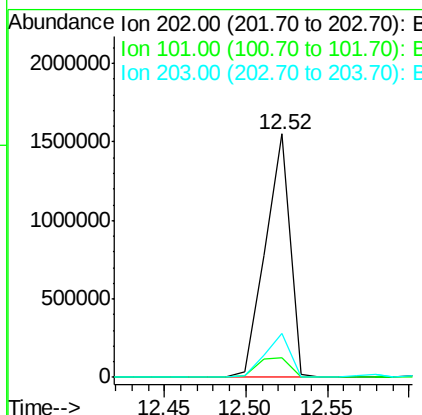
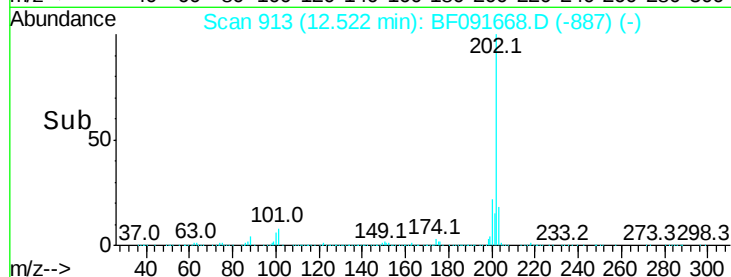
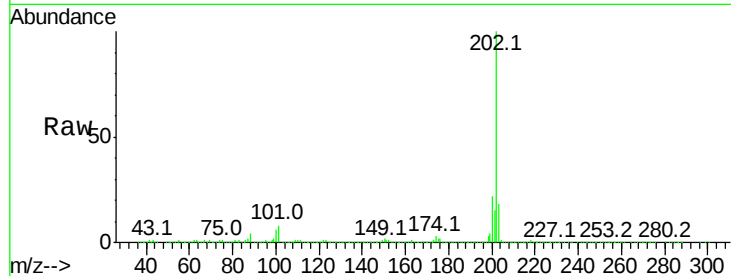
ClientSampleId :

WC-10-10-15DL

Tot Ion:	202	Resp:	1630637
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	29.5
203	17.9	0.0	37.8

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



#75

Chrysene-d12

Concen: 20.00 ng

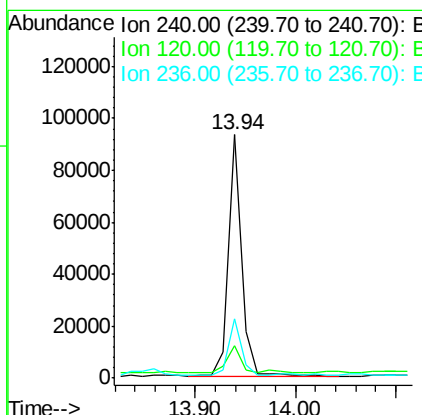
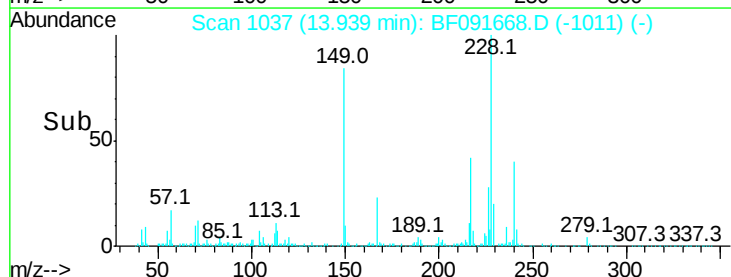
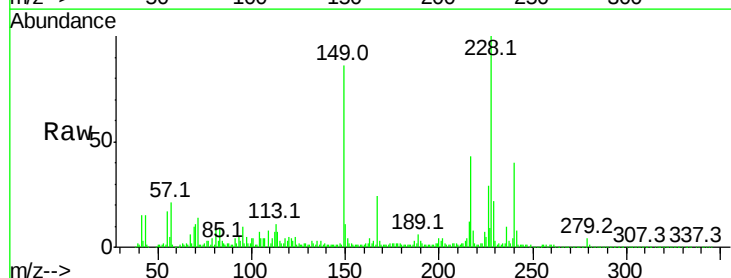
RT: 13.94 min Scan# 1037

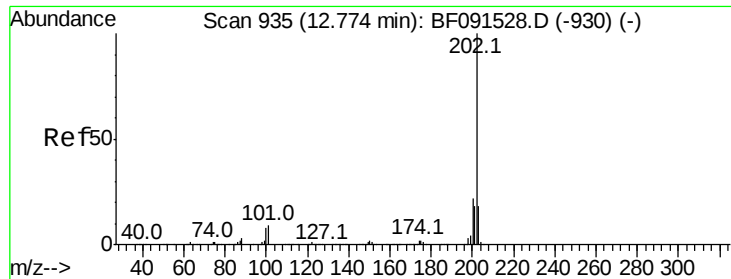
Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Tgt Ion:	240	Resp:	84116
Ion Ratio	Lower	Upper	
240	100		
120	13.6	12.1	18.1
236	24.4	21.0	31.6





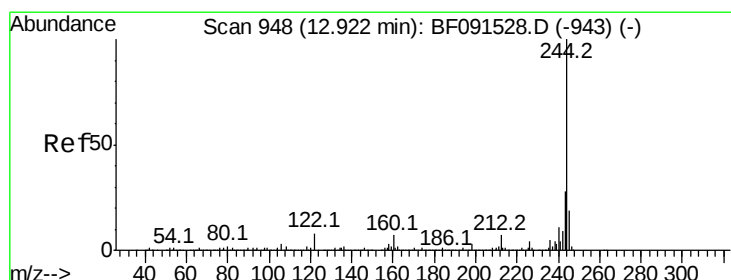
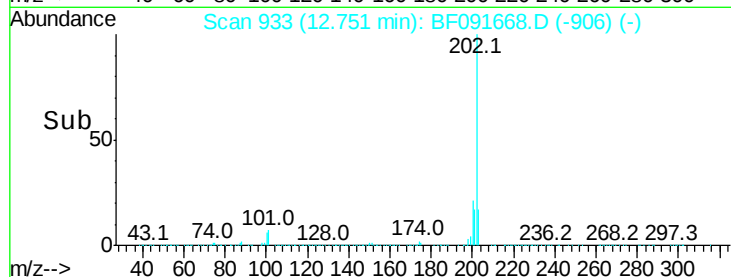
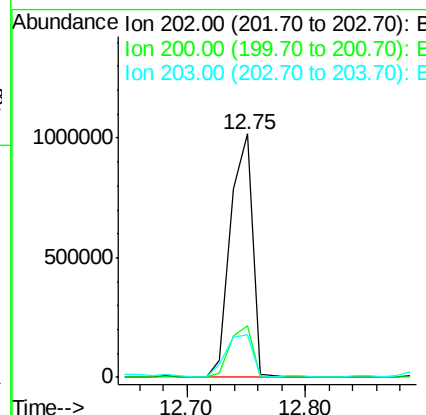
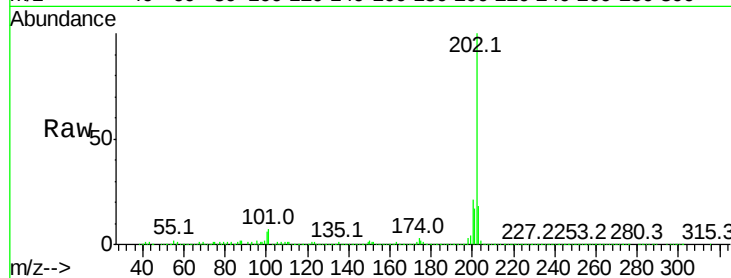
#77
Pvrene
Concen: 194.37 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.8	14.0	21.0

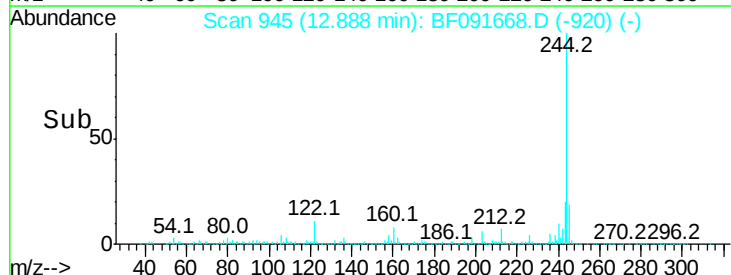
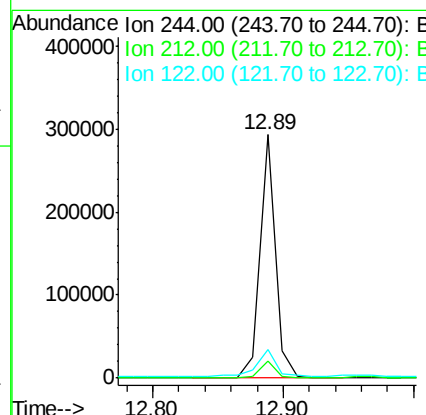
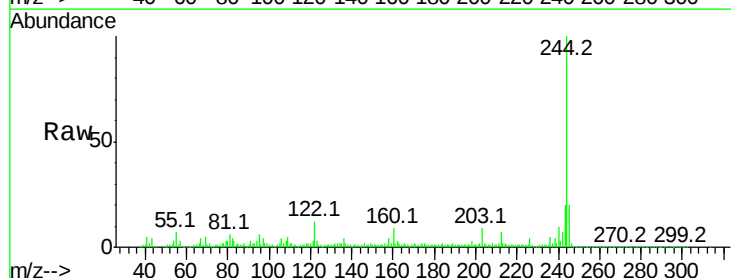
Manual Integrations
APPROVED

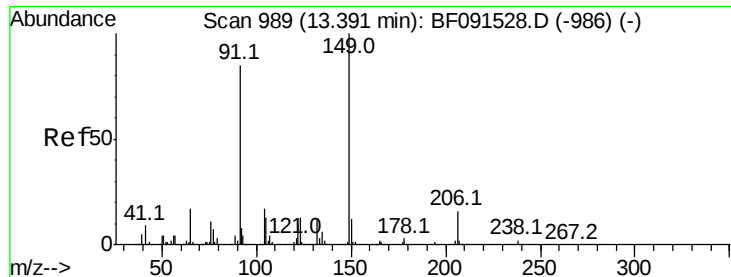
UMANGI
12/16/2016 6:22:38 PM



#78
Terphenyl-d14
Concen: 65.57 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	11.7	9.5	14.3





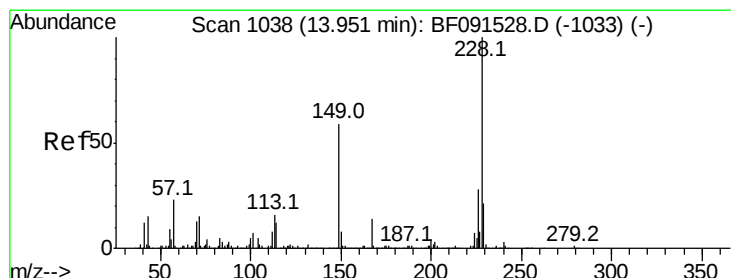
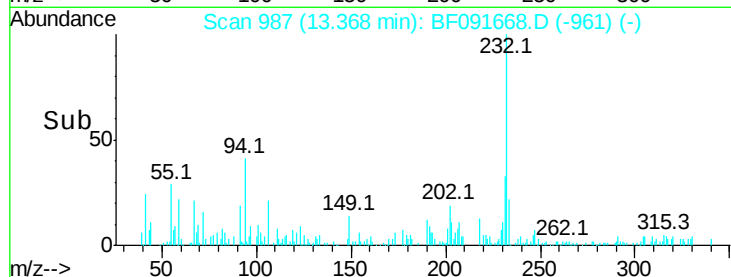
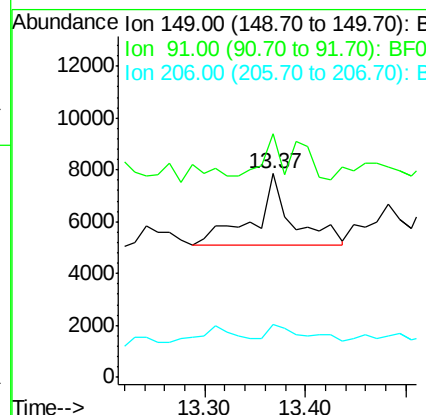
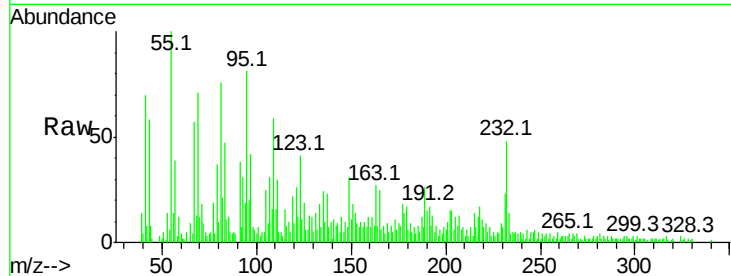
#79
Butylbenzylphthalate
Concen: 2.83 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Lower	Upper
149	100		
91	119.8	57.4	86.2#
206	25.7	15.4	23.2#

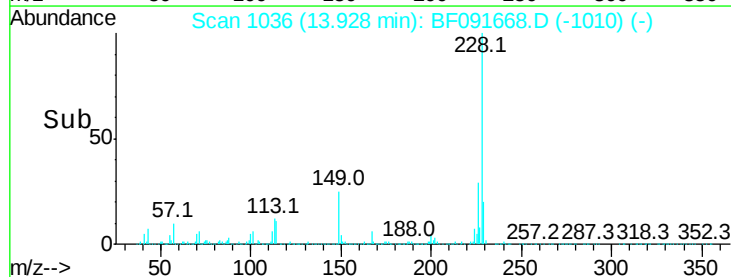
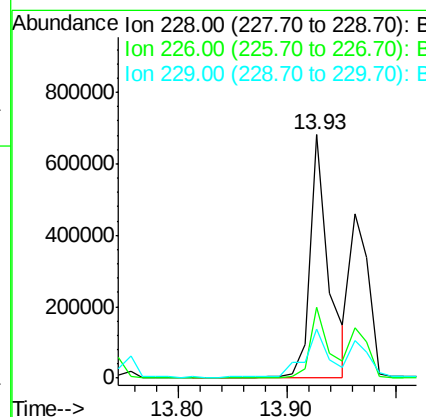
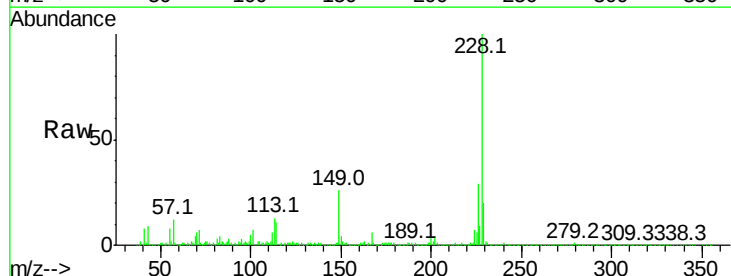
Manual Integrations
APPROVED

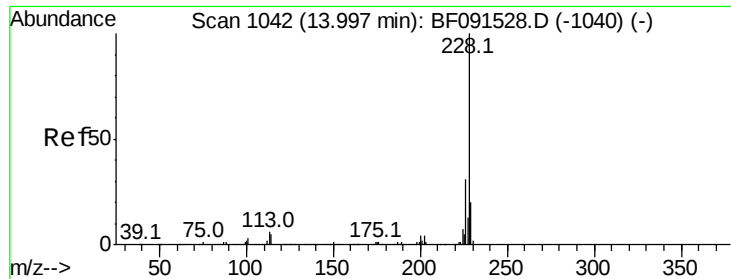
UMANGI
12/16/2016 6:22:38 PM



#80
Benzo(a)anthracene
Concen: 164.65 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	20.2	16.4	24.6





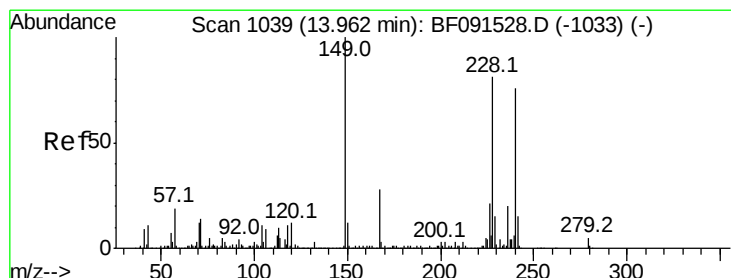
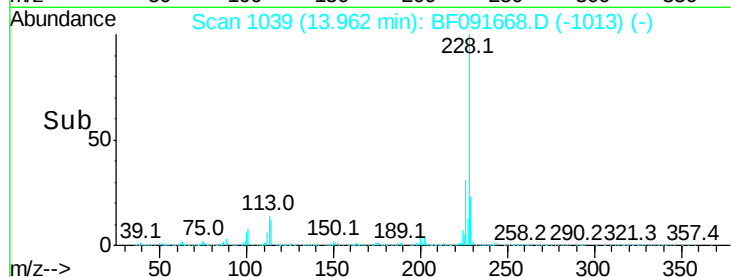
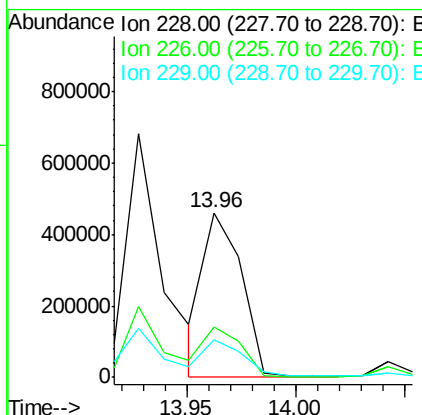
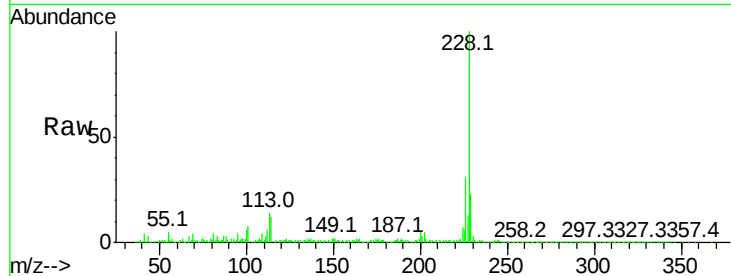
#82
Chrysene
Concen: 109.03 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	23.2	16.0	24.0

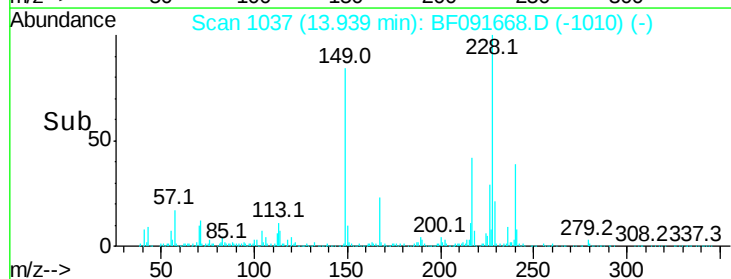
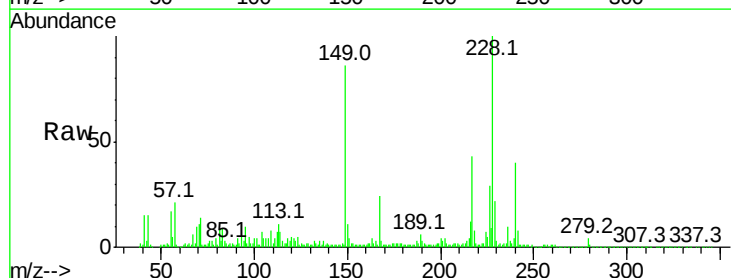
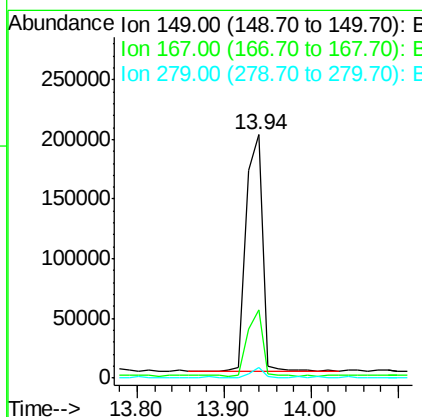
Manual Integrations
APPROVED

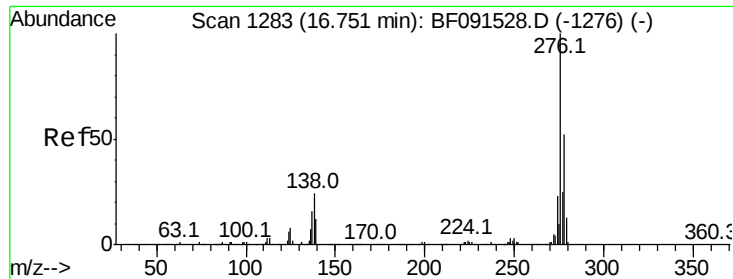
UMANGI
12/16/2016 6:22:38 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 79.14 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	19.6	29.4
279	4.5	1.9	2.9





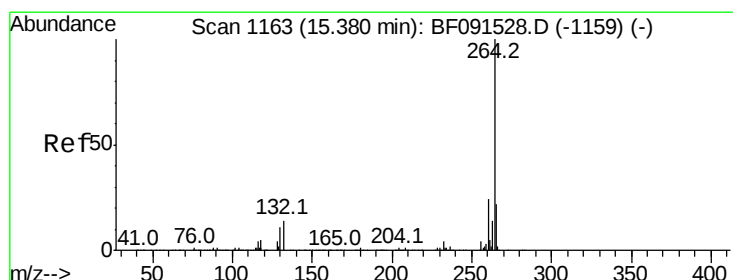
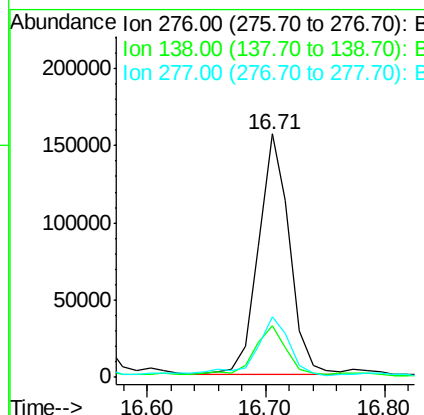
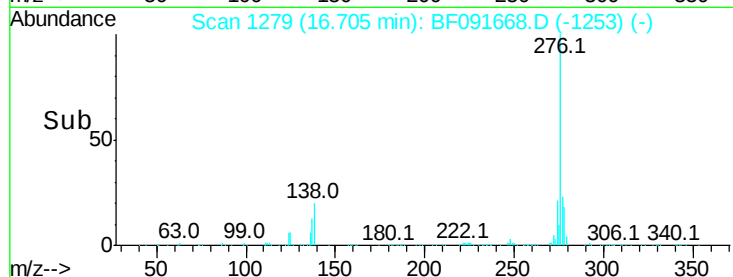
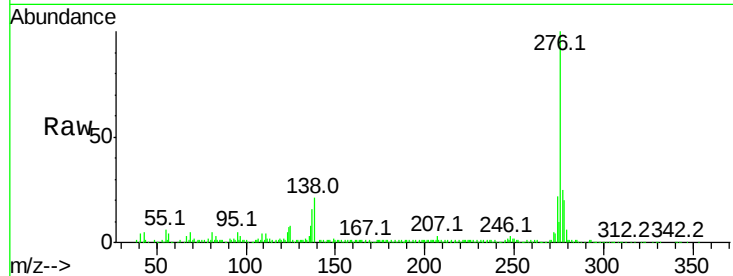
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.39 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.0	31.4
277	26.6	20.2	30.2

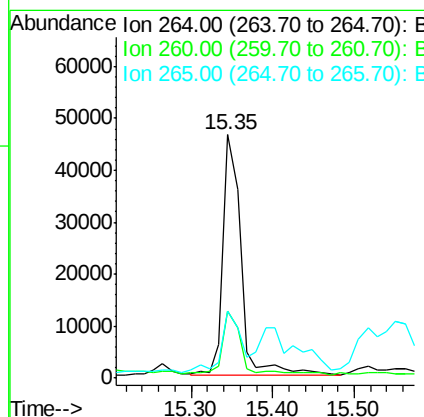
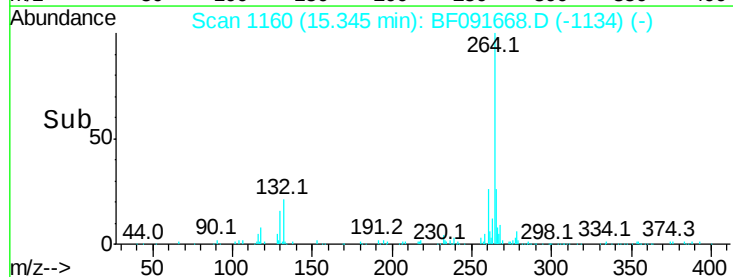
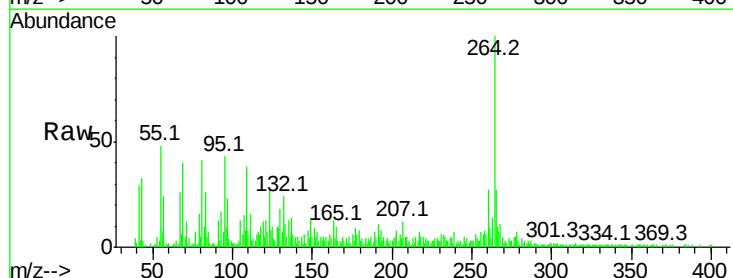
Manual Integrations
APPROVED

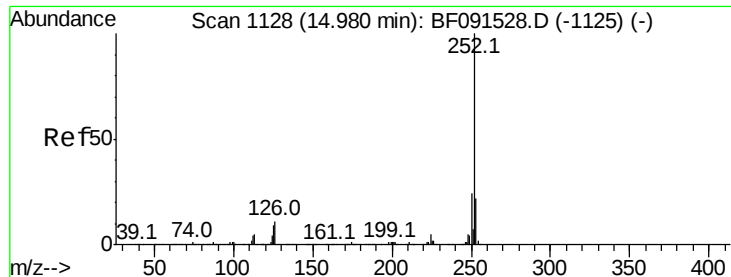
UMANGI
12/16/2016 6:22:38 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.5	18.8	28.2
265	27.3	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 174.82 ng m

RT: 14.96 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Instrument :

BNA_F

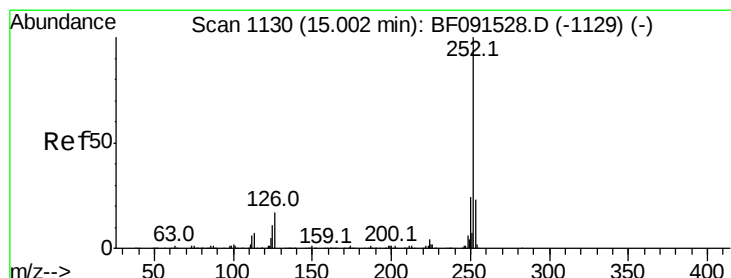
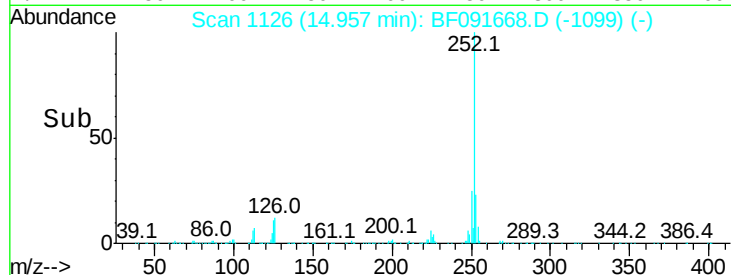
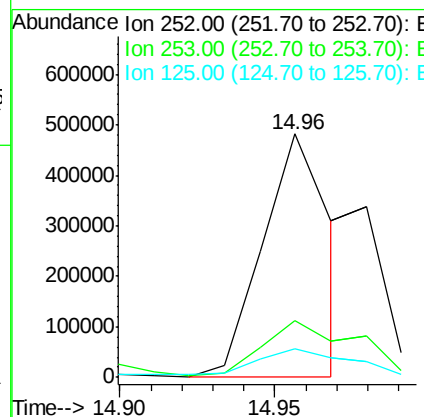
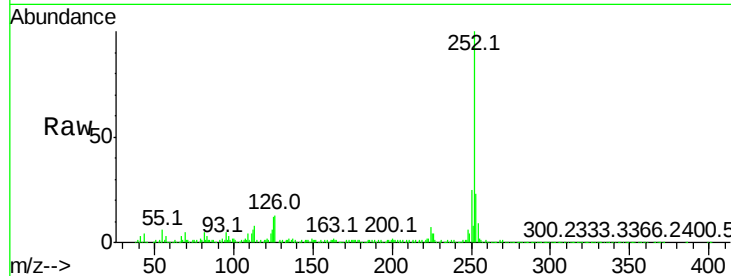
ClientSampleId :

WC-10-10-15DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.9	8.6	13.0

Manual Integrations
APPROVED

UMANGI
12/16/2016 6:22:38 PM



#88

Benzo(k)fluoranthene

Concen: 73.75 ng m

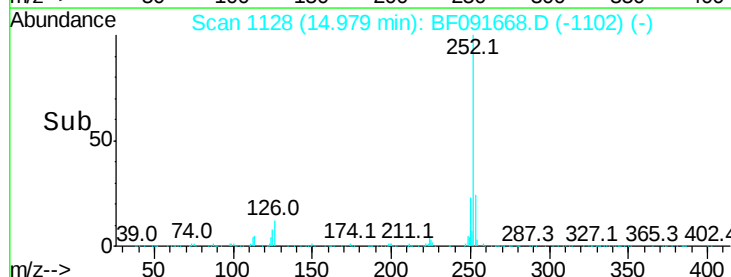
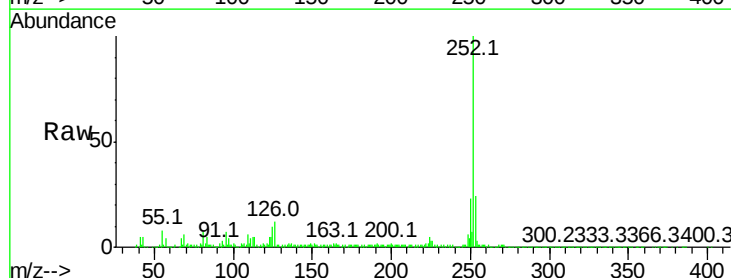
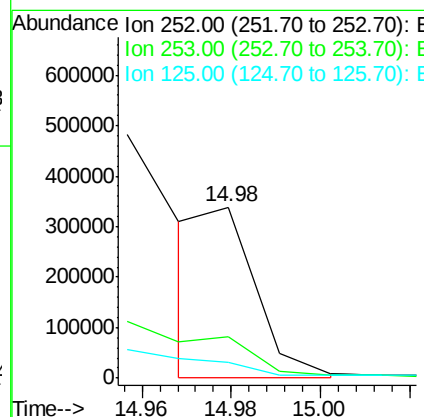
RT: 14.98 min Scan# 1128

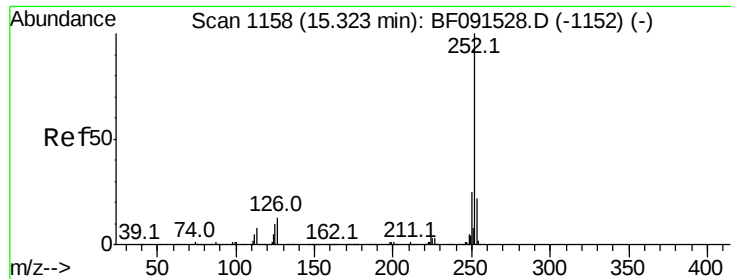
Delta R.T. -0.00 min

Lab File: BF091668.D

Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	9.5	9.6	14.4#





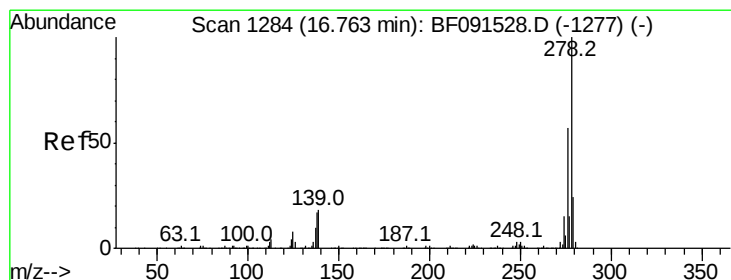
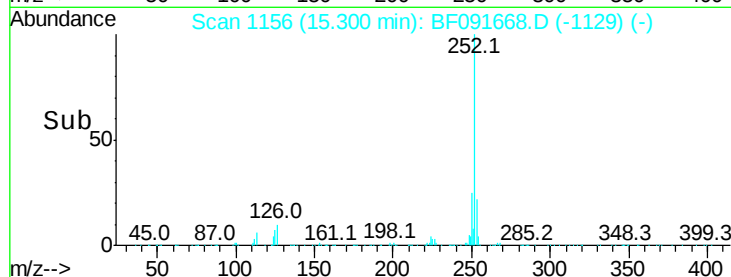
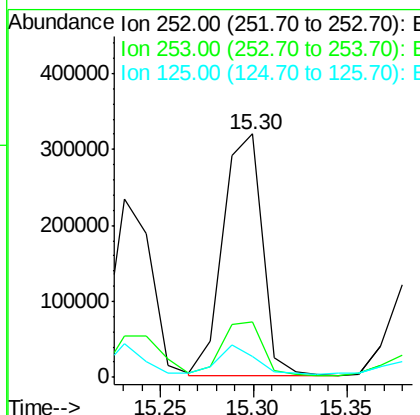
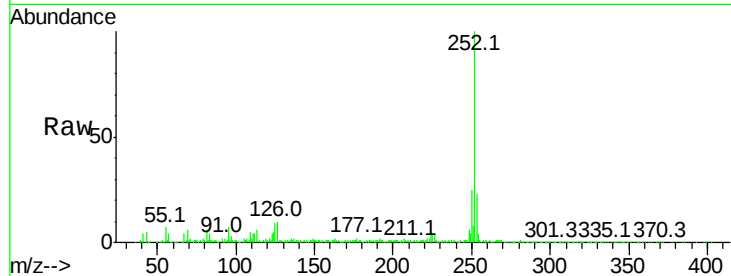
#89
Benzo(a)pyrene
Concen: 125.56 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	8.6	10.4	15.6

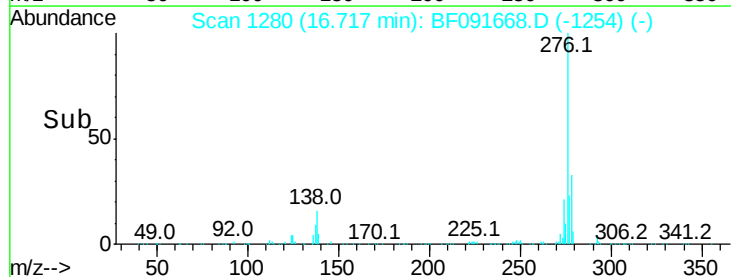
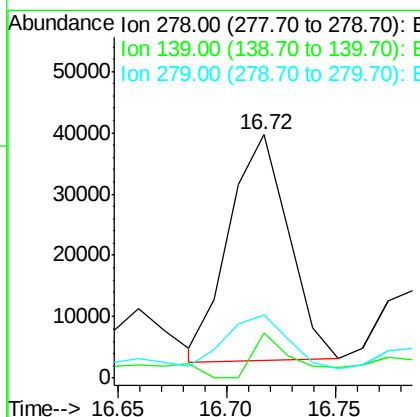
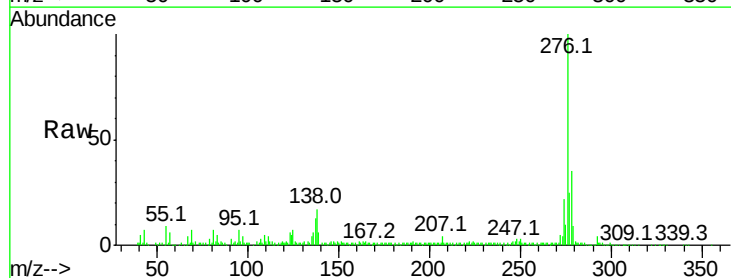
Manual Integrations
APPROVED

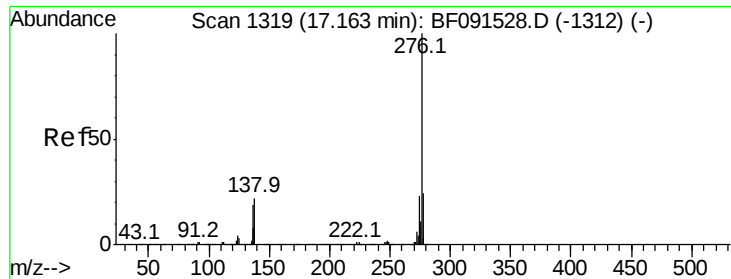
UMANGI
12/16/2016 6:22:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 20.79 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF091668.D
Acq: 16 Dec 2016 11:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.1	22.7
279	25.7	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 73.79 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF091668.D
 Acq: 16 Dec 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-10-10-15DL

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.2	19.0	28.4
138	19.0	15.4	23.0

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:22:38 PM

