

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106314.D
 Acq On : 12 Jun 2018 00:02
 Operator : JU/SJ
 Sample : J3422-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:36 PM

Quant Time: Jun 12 04:32:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	222259	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	796274	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	347256	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	540613	20.00	ng	0.00
75) Chrysene-d12	14.15	240	499773	20.00	ng	-0.01
86) Perylene-d12	15.67	264	390172	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1599064	121.77	ng	0.02
7) Phenol-d6	6.60	99	2061913	124.28	ng	0.01
23) Nitrobenzene-d5	7.54	82	1360025	100.48	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	486004	145.46	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1887475	103.03	ng	0.00
78) Terphenyl-d14	13.09	244	1690002	83.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	203360	29.922	ng	95
3) Pyridine	3.64	79	588849	31.091	ng	99
4) n-Nitrosodimethylamine	3.60	42	301440	34.743	ng	98
6) Aniline	6.64	93	453142	18.704	ng	99
8) 2-Chlorophenol	6.76	128	527274	37.337	ng	97
9) Benzaldehyde	6.52	77	405873	32.252	ng	97
10) Phenol	6.61	94	699387	38.614	ng	95
11) bis(2-Chloroethyl)ether	6.71	93	566157	36.514	ng	97
12) 1,3-Dichlorobenzene	6.91	146	605365	36.422	ng	98
13) 1,4-Dichlorobenzene	6.99	146	614917	36.458	ng	100
14) 1,2-Dichlorobenzene	7.15	146	563804	35.509	ng	97
15) Benzyl Alcohol	7.11	79	531380	37.399	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	927488	41.729	ng	97
17) 2-Methylphenol	7.21	107	491284	38.992	ng	98
18) Hexachloroethane	7.48	117	197496	32.862	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	409412	32.892	ng	97
20) 3+4-Methylphenols	7.37	107	602558	37.397	ng	99
22) Acetophenone	7.38	105	773344	38.539	ng	# 97
24) Nitrobenzene	7.56	77	616166	41.883	ng	98
25) Isophorone	7.79	82	1117675	42.275	ng	98
26) 2-Nitrophenol	7.87	139	277325	48.565	ng	99
27) 2,4-Dimethylphenol	7.90	122	530786	47.424	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	696594	40.635	ng	98
29) 2,4-Dichlorophenol	8.11	162	478980	44.359	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	486347	40.171	ng	95
31) Naphthalene	8.28	128	1420345	39.459	ng	95
32) Benzoic acid	8.00	122	237623	31.703	ng	93
33) 4-Chloroaniline	8.32	127	241978	15.169	ng	96
34) Hexachlorobutadiene	8.39	225	310813	39.960	ng	98
35) Caprolactam	8.69	113	150751	41.276	ng	# 85
36) 4-Chloro-3-methylphenol	8.80	107	490680	41.081	ng	97
37) 2-Methylnaphthalene	8.97	142	978145	39.897	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	493853	43.809	ng	96
40) Hexachlorocyclopentadiene	9.12	237	120703	19.407	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106314.D
 Acq On : 12 Jun 2018 00:02
 Operator : JU/SJ
 Sample : J3422-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:36 PM

Quant Time: Jun 12 04:32:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	337424	46.969	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	346258	44.710	ng	# 93
45) 1,1'-Biphenyl	9.43	154	1121464	41.695	ng	97
46) 2-Chloronaphthalene	9.46	162	898530	41.745	ng	99
47) 2-Nitroaniline	9.55	65	317355	46.868	ng	90
48) Acenaphthylene	9.88	152	1345925	40.853	ng	95
49) Dimethylphthalate	9.73	163	1322959	53.325	ng	# 96
50) 2,6-Dinitrotoluene	9.80	165	228462	45.081	ng	95
51) Acenaphthene	10.05	154	816795	38.389	ng	98
52) 3-Nitroaniline	9.96	138	170341	28.320	ng	93
53) 2,4-Dinitrophenol	10.07	184	61514	32.205	ng	# 19
54) Dibenzofuran	10.22	168	1133469	39.561	ng	# 93
55) 4-Nitrophenol	10.11	139	347424	75.357	ng	94
56) 2,4-Dinitrotoluene	10.20	165	278149	43.707	ng	# 95
57) Fluorene	10.57	166	845772	37.259	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	274309	44.689	ng	# 85
59) Diethylphthalate	10.43	149	994410	40.382	ng	# 93
60) 4-Chlorophenyl-phenylether	10.55	204	466677	39.087	ng	89
61) 4-Nitroaniline	10.58	138	192075	32.822	ng	100
62) Azobenzene	10.71	77	985545	38.383	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	48993	20.891	ng	85
65) n-Nitrosodiphenylamine	10.67	169	841649	46.323	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	297767	48.427	ng	# 88
67) Hexachlorobenzene	11.11	284	283005	44.644	ng	# 84
68) Atrazine	11.20	200	259564	46.357	ng	96
69) Pentachlorophenol	11.30	266	302387	77.479	ng	98
70) Phenanthrene	11.53	178	1110800	41.955	ng	98
71) Anthracene	11.58	178	1125137	42.420	ng	97
72) Carbazole	11.73	167	997918	40.753	ng	98
73) Di-n-butylphthalate	12.05	149	1275064	46.786	ng	97
74) Fluoranthene	12.72	202	1122300	39.748	ng	98
76) Benzidine	12.84	184	866831	52.115	ng	99
77) Pyrene	12.95	202	1161544	37.123	ng	97
79) Butylbenzylphthalate	13.56	149	512723	43.777	ng	# 96
80) Benzo(a)anthracene	14.14	228	1199449	40.330	ng	97
81) 3,3'-Dichlorobenzidine	14.09	252	444348	44.282	ng	# 98
82) Chrysene	14.18	228	1103192	40.628	ng	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	732558	43.622	ng	100
84) Di-n-octyl phthalate	14.74	149	1242877	51.338	ng	100
85) Indeno(1,2,3-cd)pyrene	17.23	276	810863	37.417	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	1013738m	42.982	ng	
88) Benzo(k)fluoranthene	15.25	252	979741	41.944	ng	# 96
89) Benzo(a)pyrene	15.61	252	917247	43.238	ng	96
90) Dibenzo(a,h)anthracene	17.25	278	680211	38.460	ng	# 94
91) Benzo(g,h,i)perylene	17.71	276	649051	37.762	ng	93

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

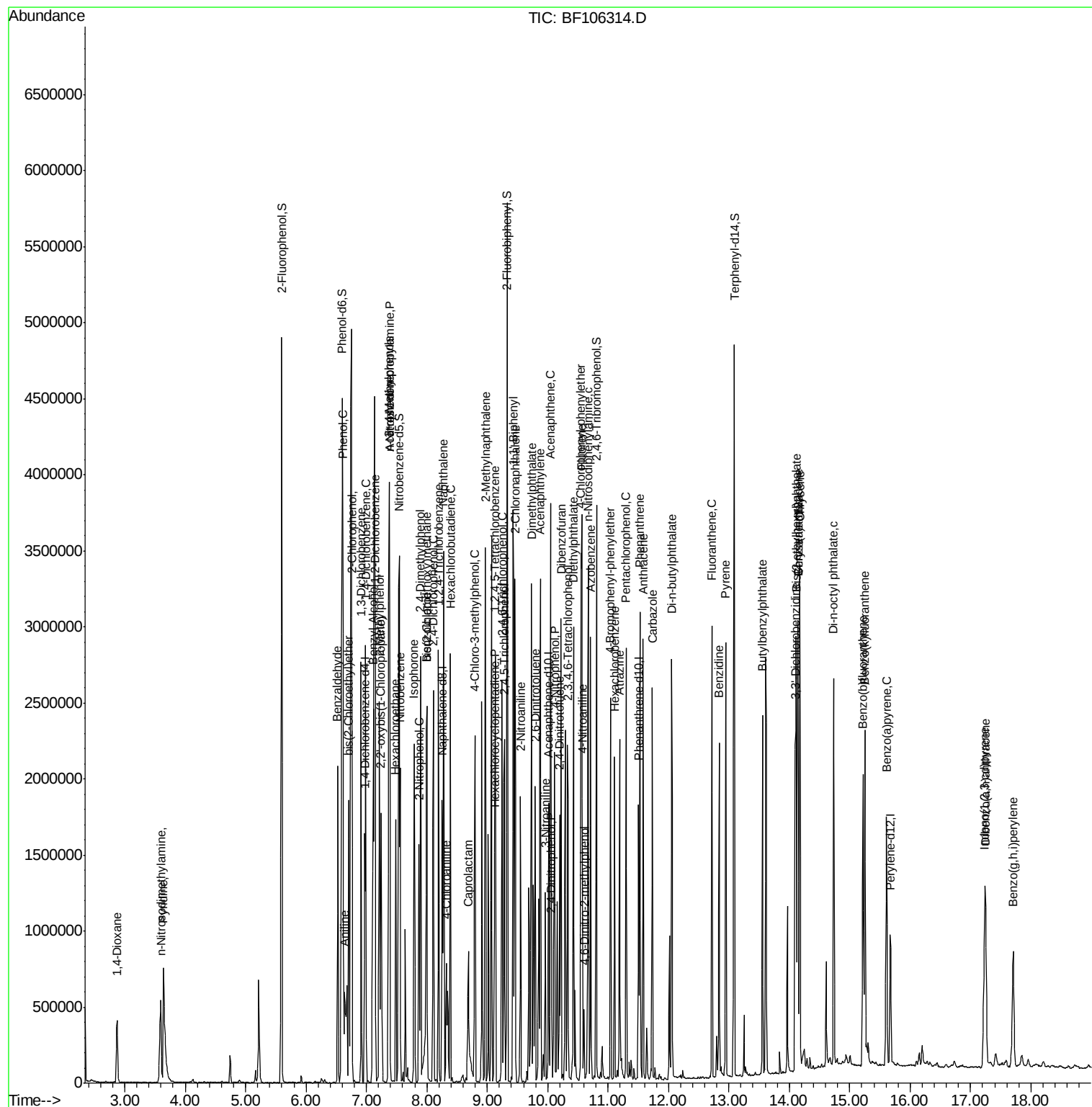
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106314.D
Acq On : 12 Jun 2018 00:02
Operator : JU/SJ
Sample : J3422-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

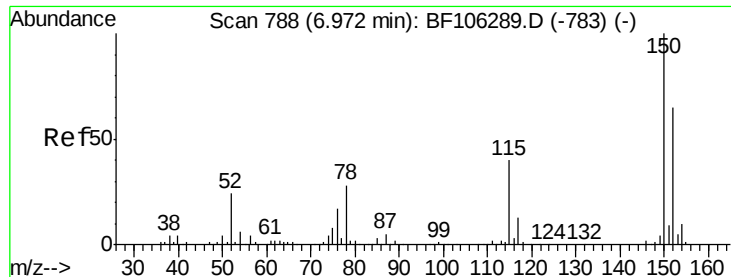
Instrument :
BNA_F
ClientSampled :
SP-1MS

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM

Quant Time: Jun 12 04:32:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration





#1

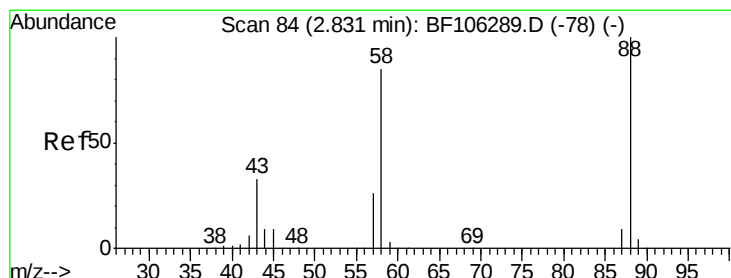
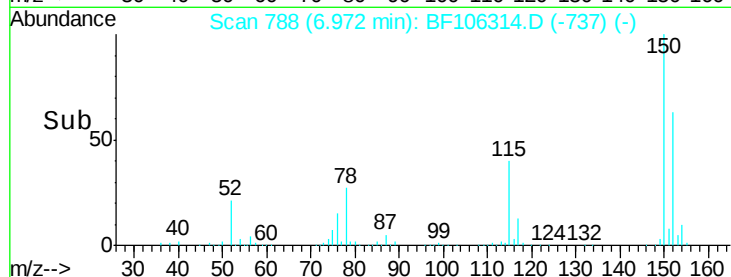
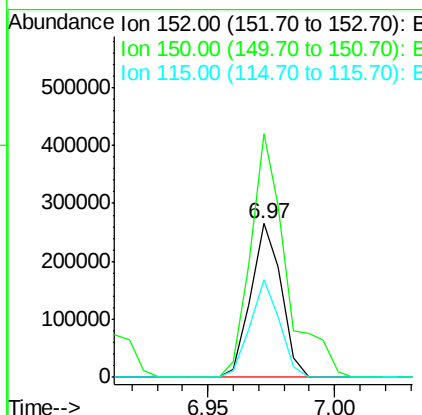
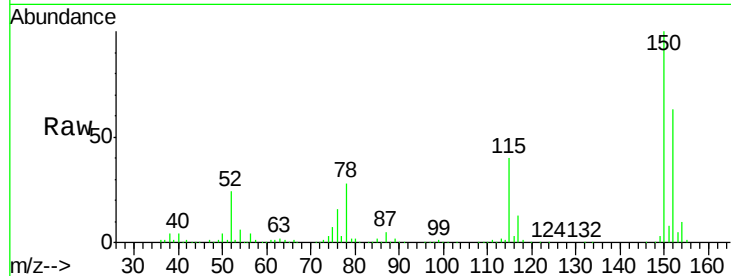
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	63.7	50.1	75.1

Manual Integrations
APPROVED

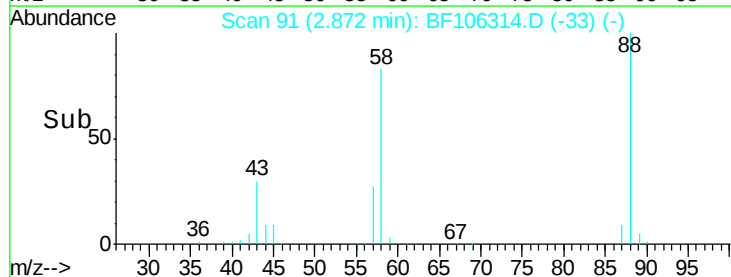
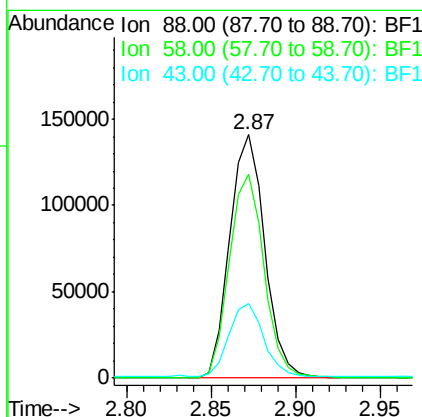
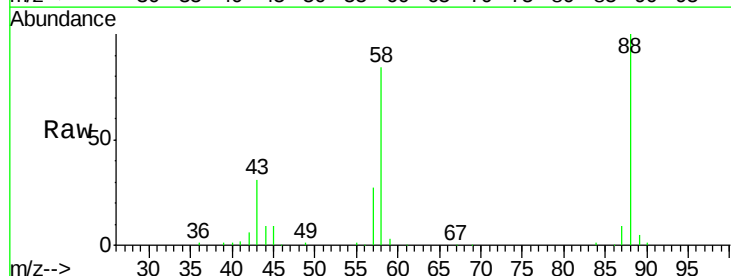
Sohil
6/12/2018 12:58:36 PM

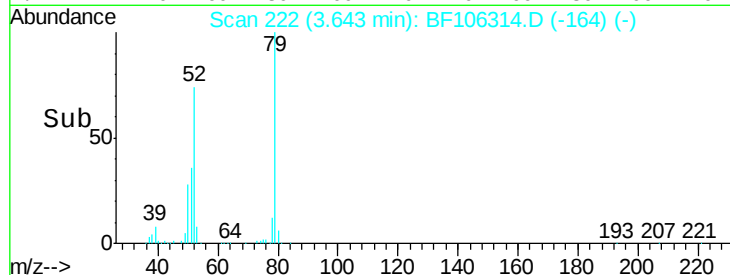
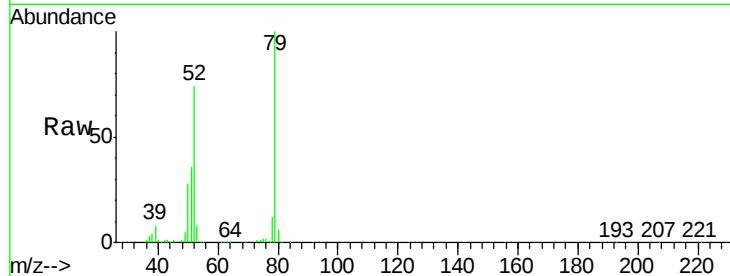
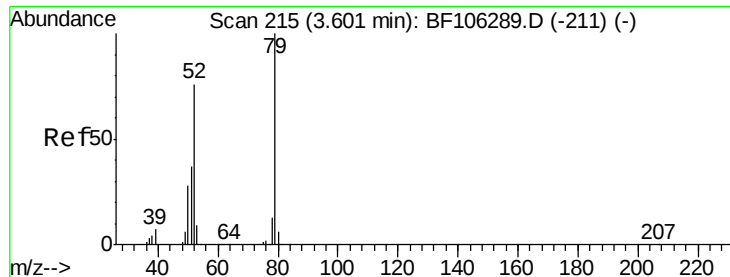


#2

1,4-Dioxane
Concen: 29.922 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.04 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	62.6	93.8
43	30.3	24.6	37.0





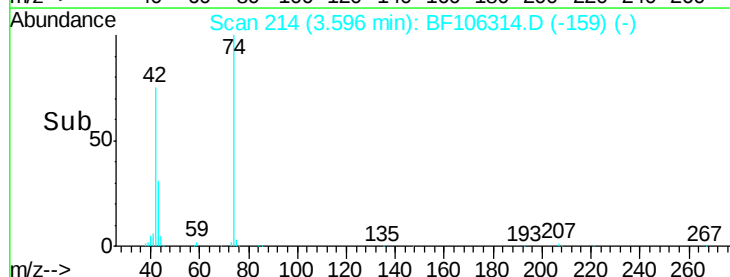
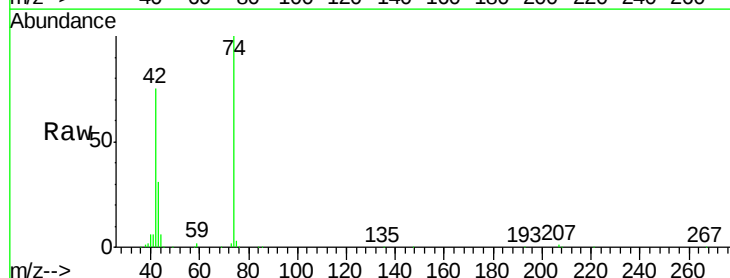
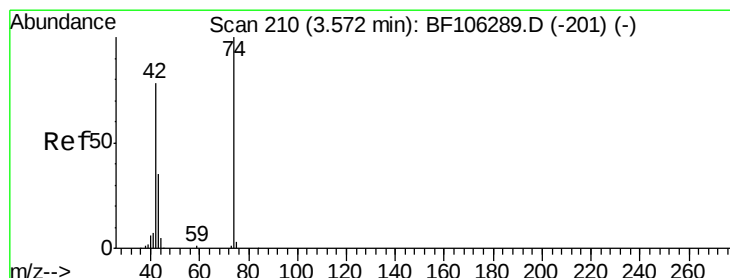
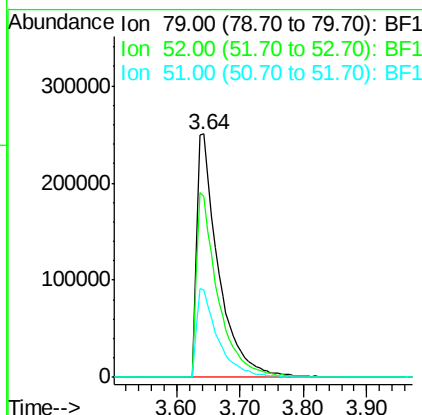
#3
 Pvridine
 Concen: 31.091 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.4	59.8	89.6
51	35.8	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

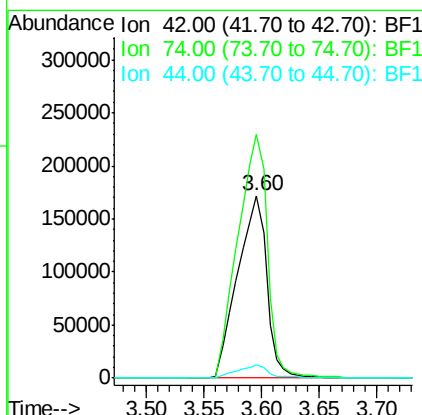
Manual Integrations
 APPROVED

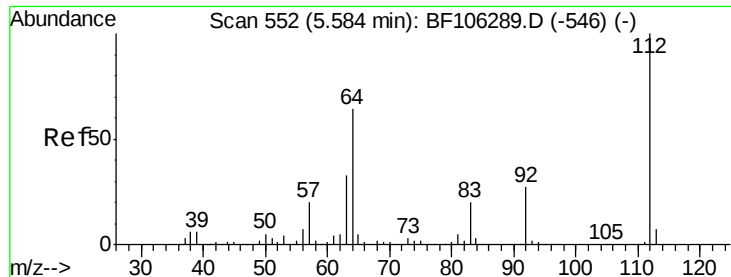
Sohil
 6/12/2018 12:58:36 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.743 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.02 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.5	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 121.768 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion: 112 Resp: 1599064

Ion Ratio Lower Upper

112 100

64 62.6 47.9 71.9

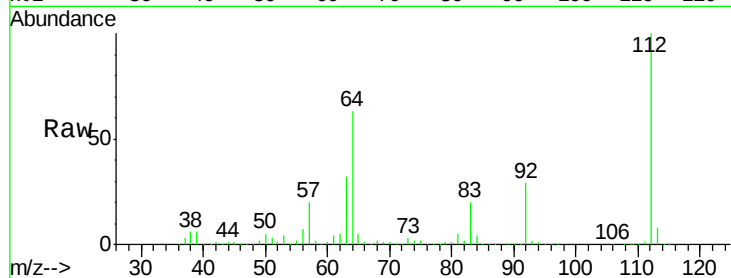
63 32.3 23.7 35.5

Manual Integrations

APPROVED

Sohil

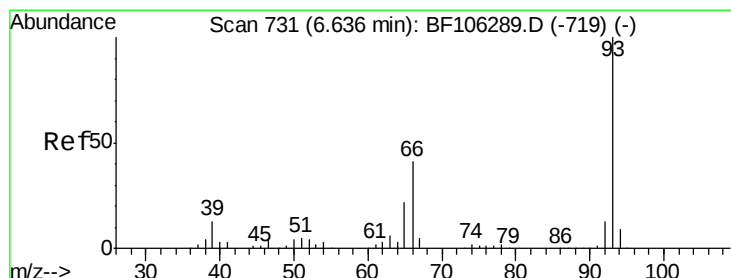
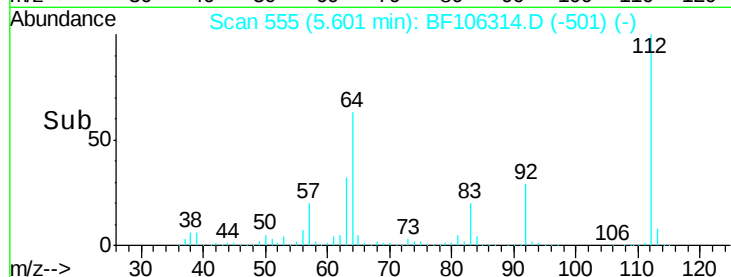
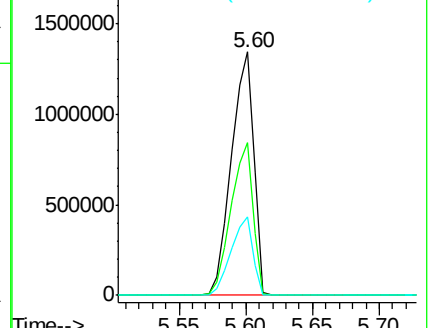
6/12/2018 12:58:36 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.704 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

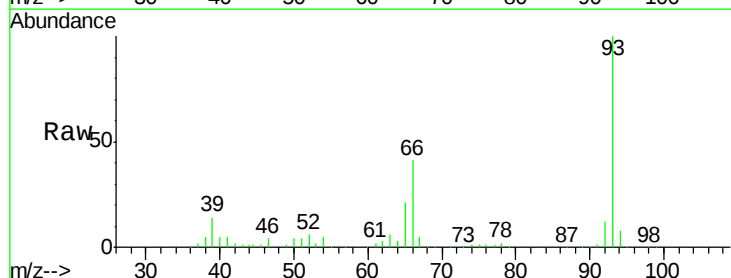
Tgt Ion: 93 Resp: 453142

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

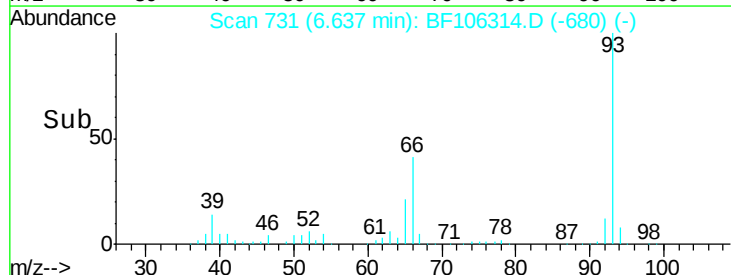
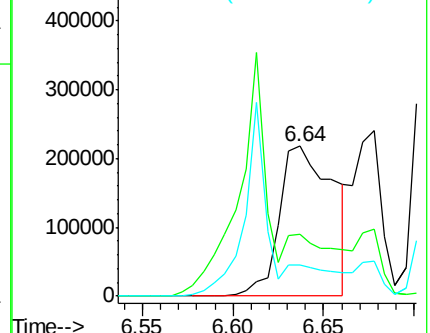
65 20.5 16.4 24.6

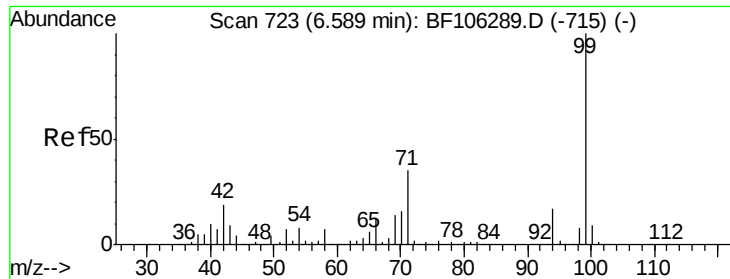


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.279 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion: 99 Resp: 2061913

Ion Ratio Lower Upper

99 100

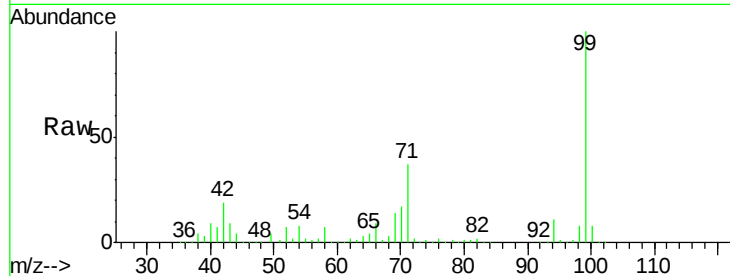
42 19.0 14.5 21.7

71 36.8 25.4 38.0

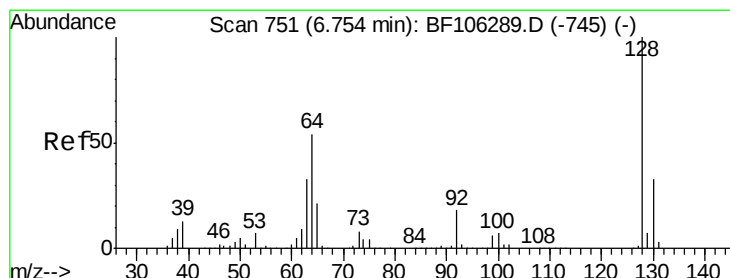
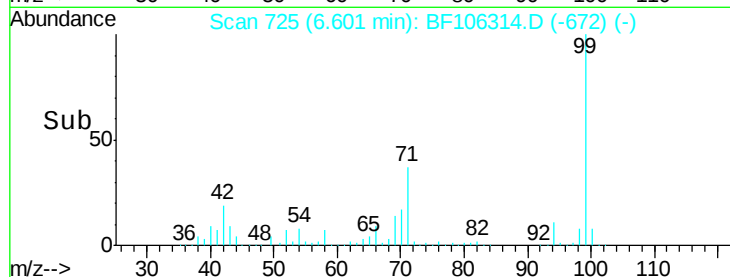
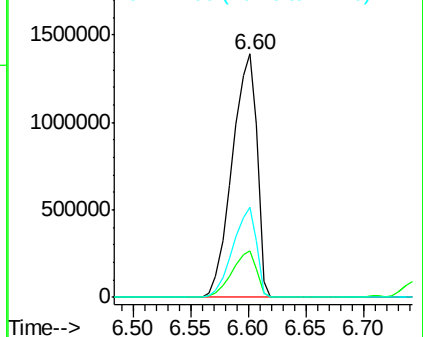
Manual Integrations
APPROVED

Sohil

6/12/2018 12:58:36 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.337 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

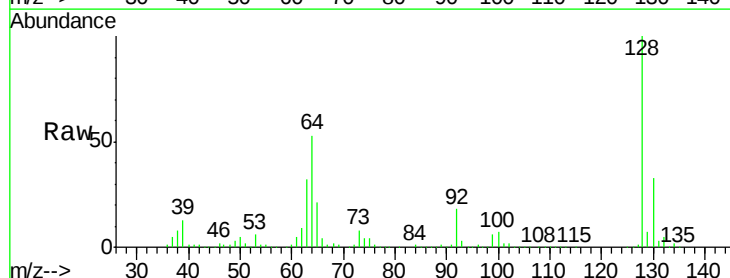
Tgt Ion: 128 Resp: 527274

Ion Ratio Lower Upper

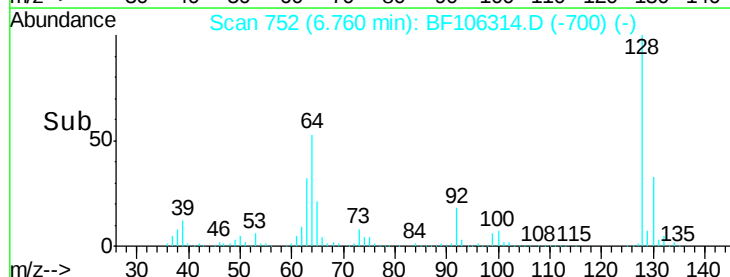
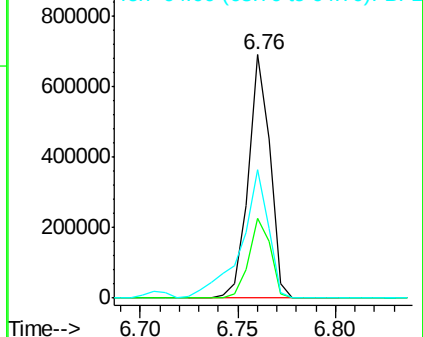
128 100

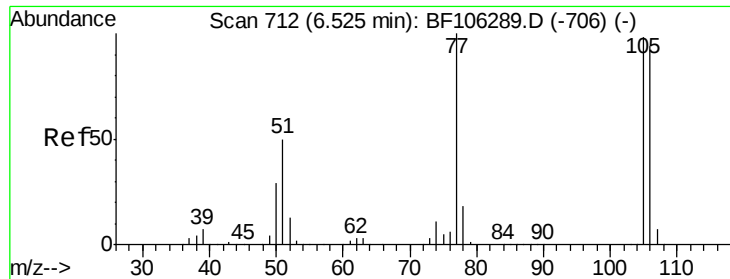
130 33.0 13.0 53.0

64 52.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.252 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

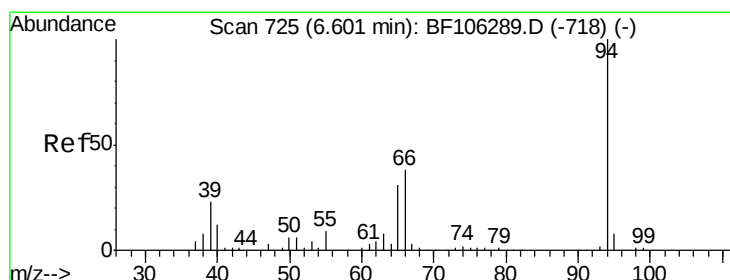
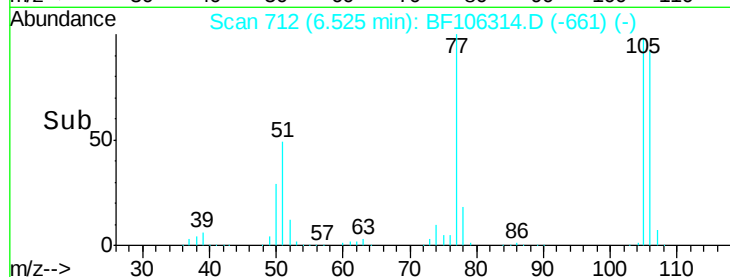
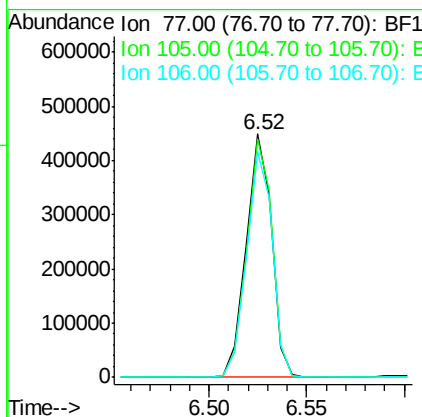
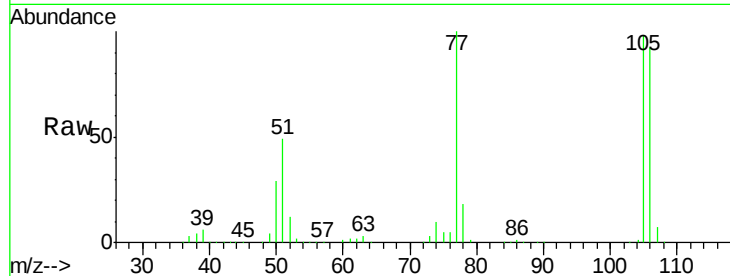
ClientSampleId :

SP-1MS

Tot Ion:	77	Resp:	405873
Ion	Ratio	Lower	Upper
77	100		
105	98.1	81.1	121.1
106	92.5	74.5	114.5

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



#10

Phenol

Concen: 38.614 ng

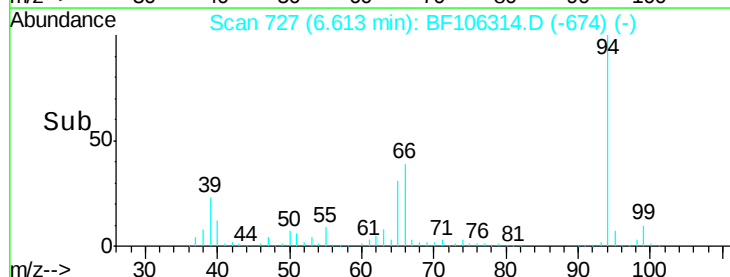
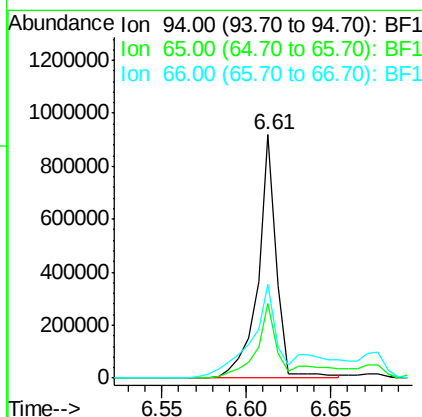
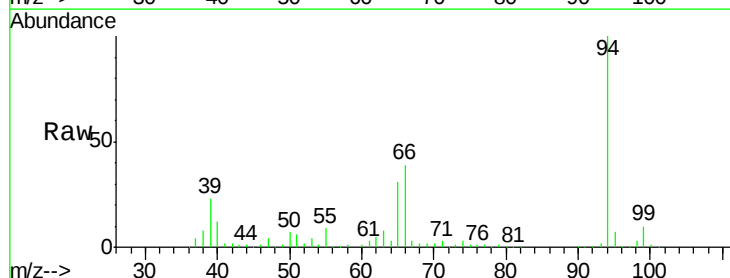
RT: 6.61 min Scan# 727

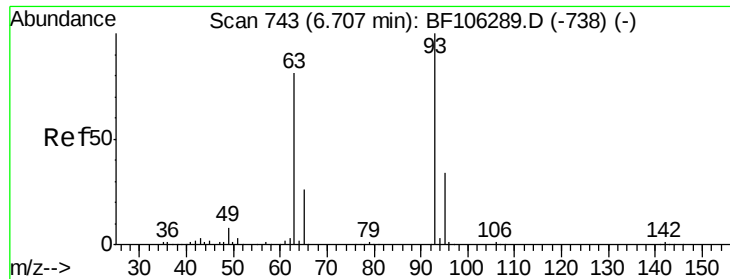
Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion:	94	Resp:	699387
Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.9	47.9
66	38.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.514 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

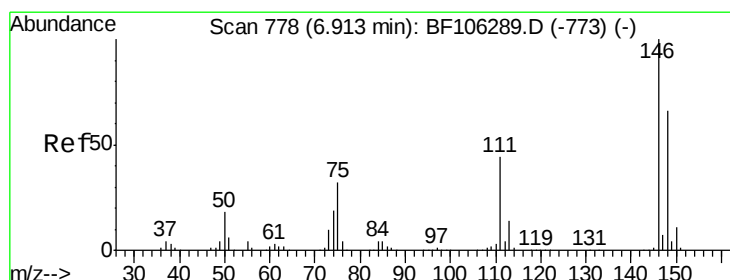
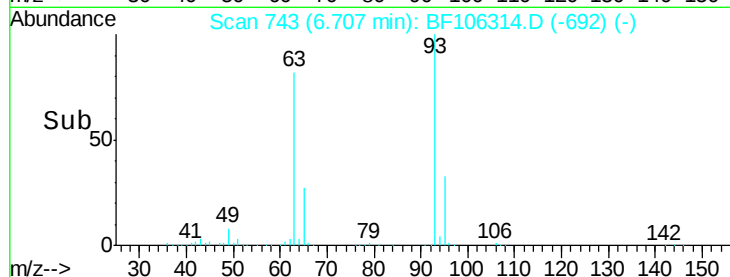
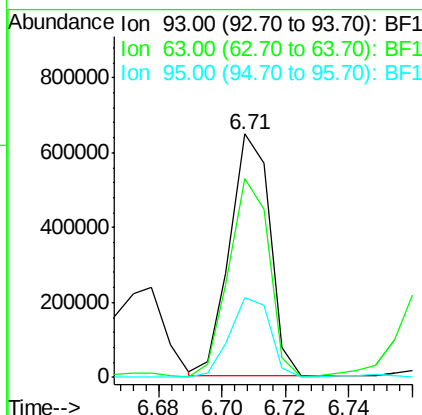
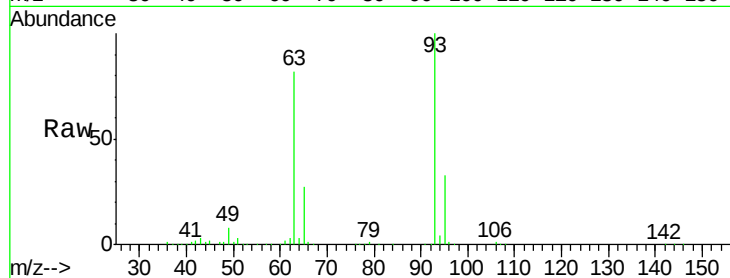
SP-1MS

Tot Ion: 93 Resp: 566157

Ion	Ratio	Lower	Upper
93	100		
63	81.7	58.6	98.6
95	32.7	11.8	51.8

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



#12

1,3-Dichlorobenzene

Concen: 36.422 ng

RT: 6.91 min Scan# 778

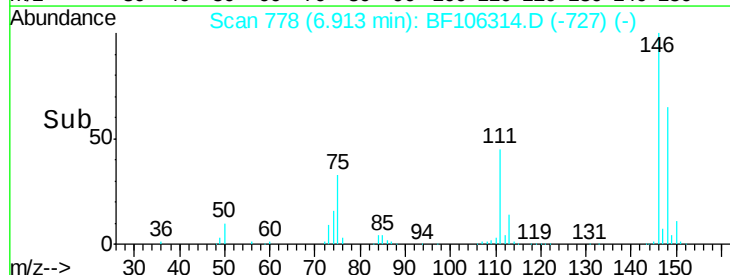
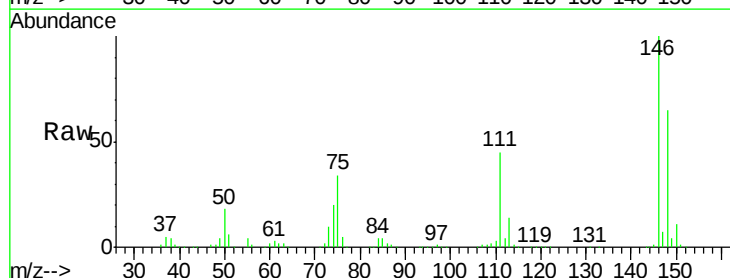
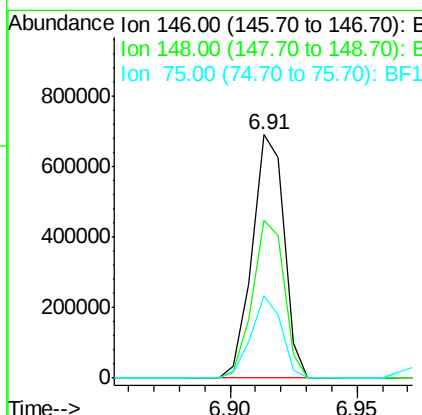
Delta R.T. 0.00 min

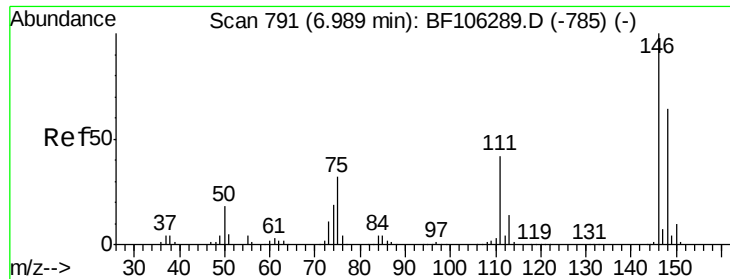
Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion: 146 Resp: 605365

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	34.0	24.2	36.4





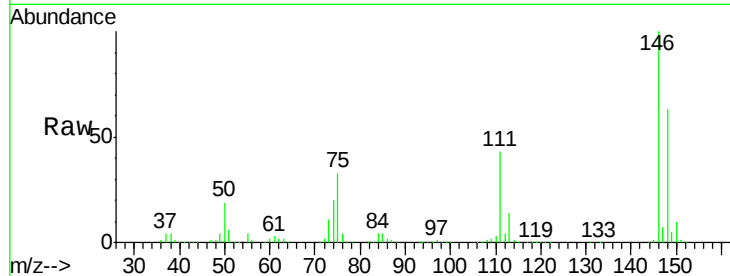
#13
 1,4-Dichlorobenzene
 Concen: 36.458 ng
 RT: 6.99 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

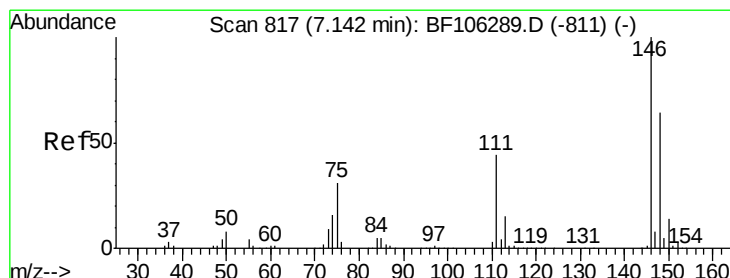
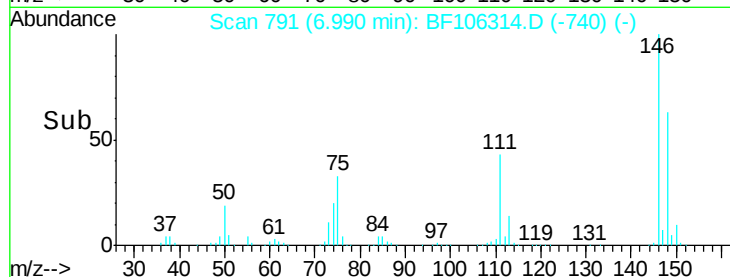
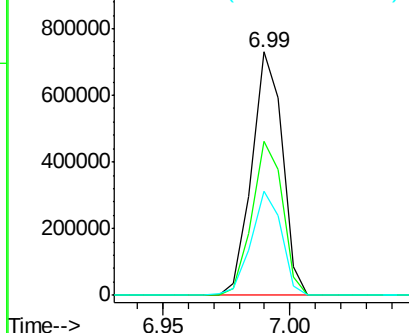
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	42.8	34.2	51.2

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:36 PM

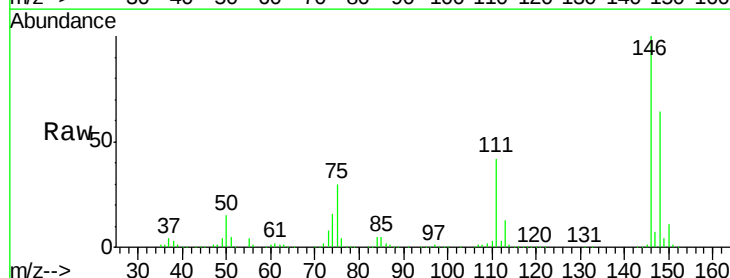


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

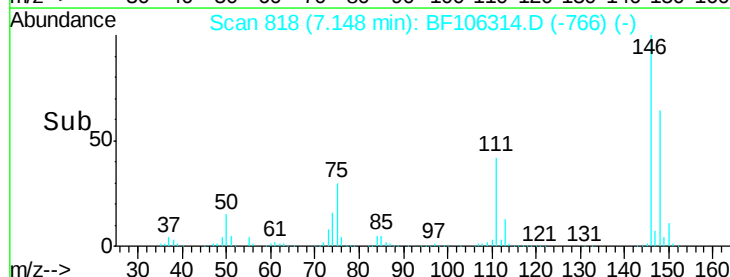
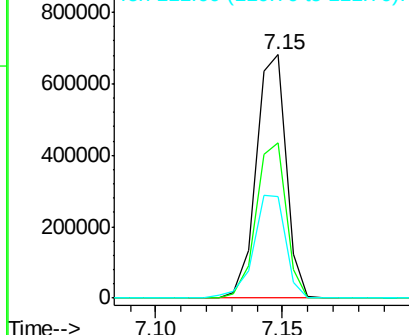


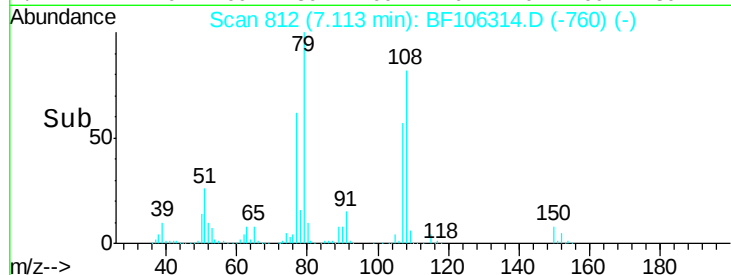
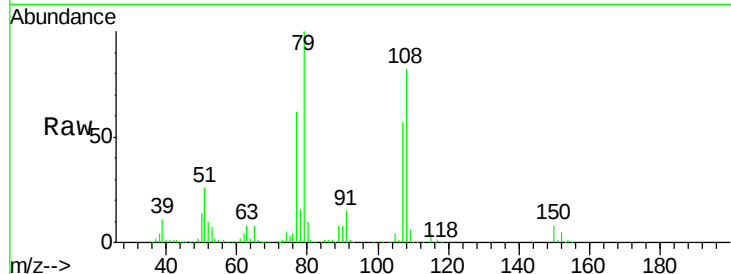
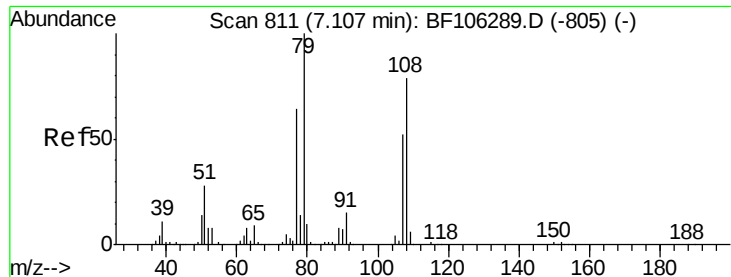
#14
 1,2-Dichlorobenzene
 Concen: 35.509 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	41.9	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





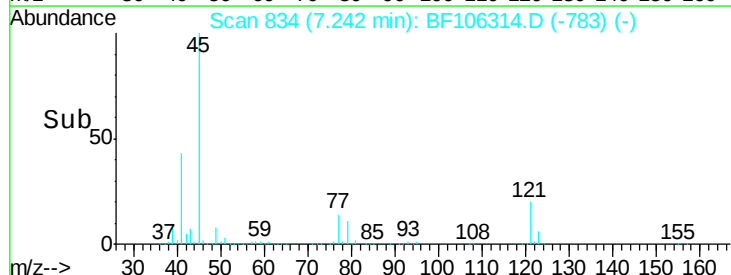
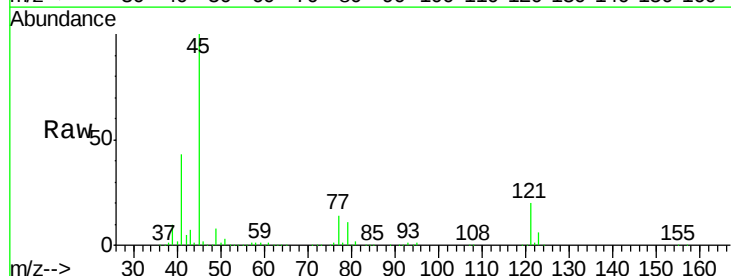
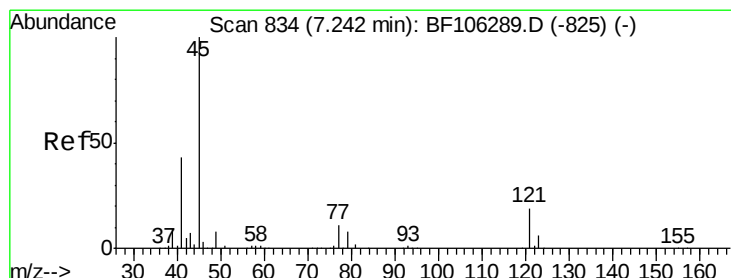
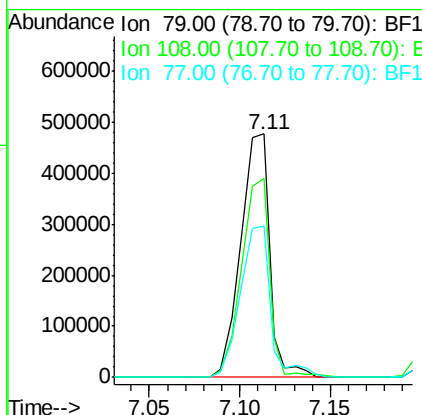
#15
Benzyl Alcohol
Concen: 37.399 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.1	97.7
77	62.3	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
SP-1MS

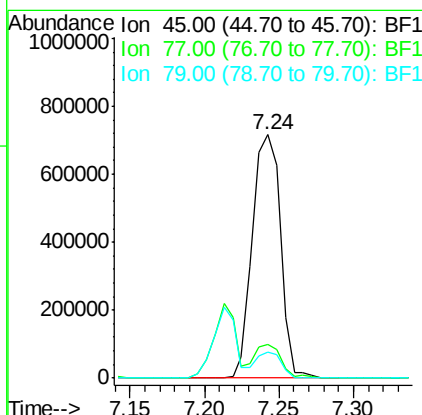
Manual Integrations
APPROVED

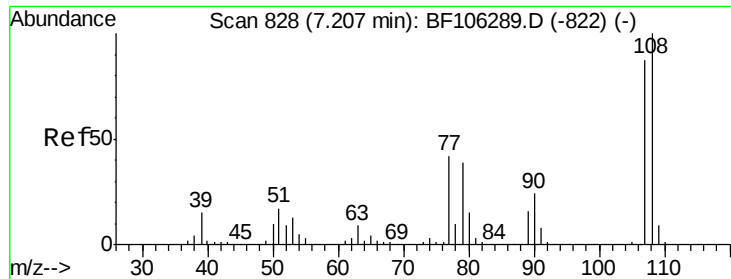
Sohil
6/12/2018 12:58:36 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.729 ng
RT: 7.24 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.9
79	10.6	0.0	29.6





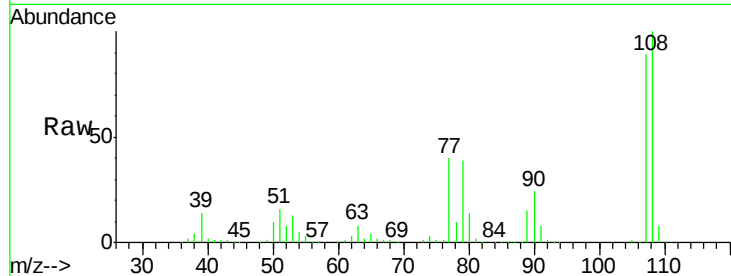
#17
2-Methylphenol
Concen: 38.992 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	491284		
108	112.8	91.7	137.5	
77	45.2	33.8	50.8	
79	43.6	33.8	50.8	

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



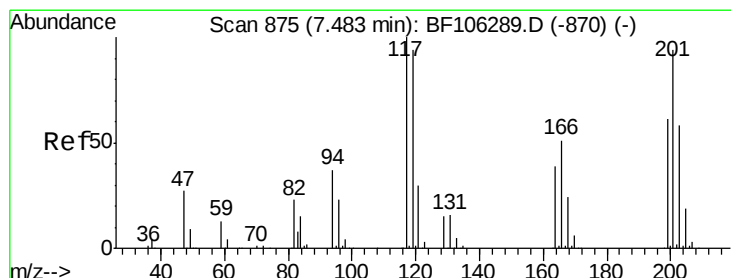
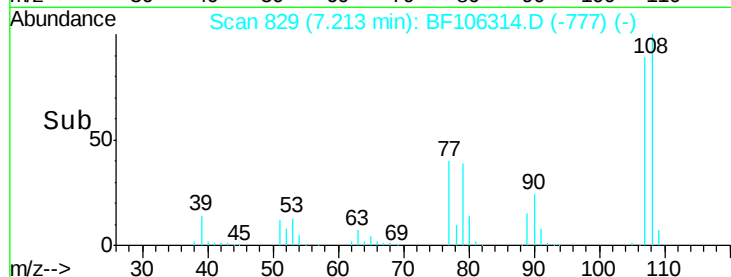
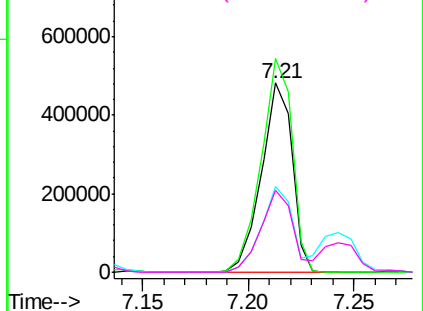
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.862 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

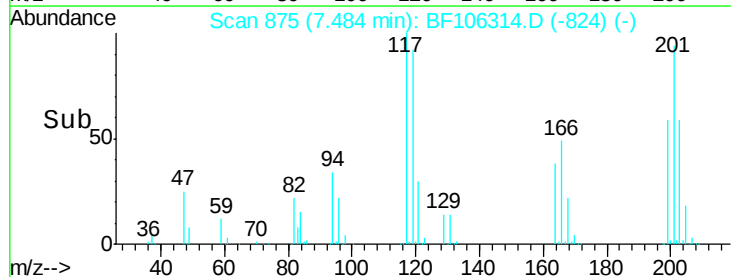
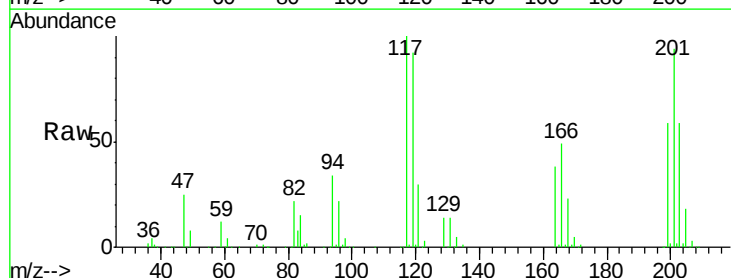
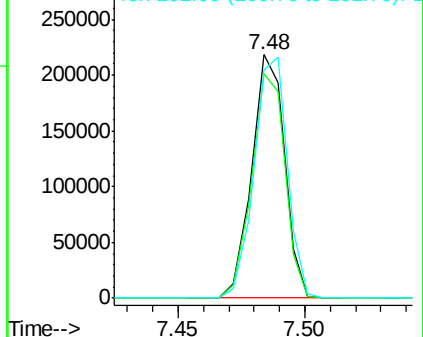
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	197496		
119	92.0	75.8	113.8	
201	93.6	75.7	113.5	

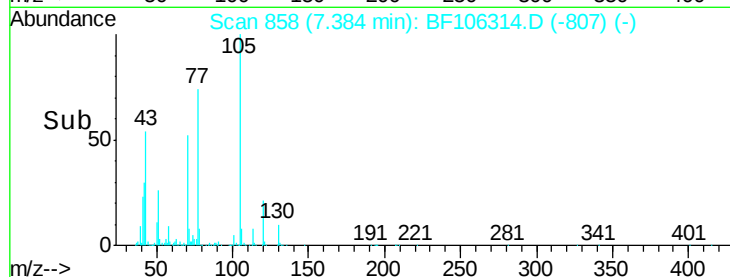
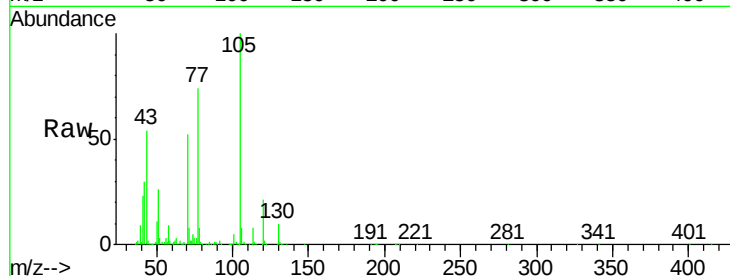
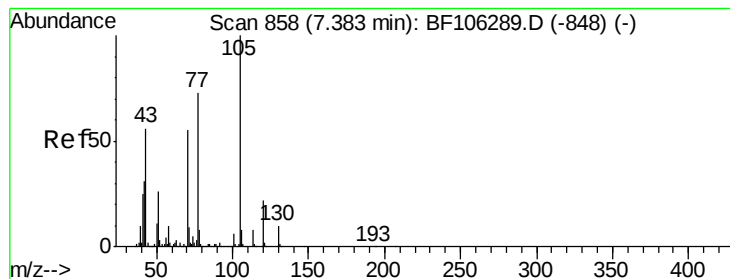
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.892 ng

RT: 7.38 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion: 70 Resp: 409412

Ion Ratio Lower Upper

70 100

42 57.0 47.5 71.3

101 9.4 7.4 11.2

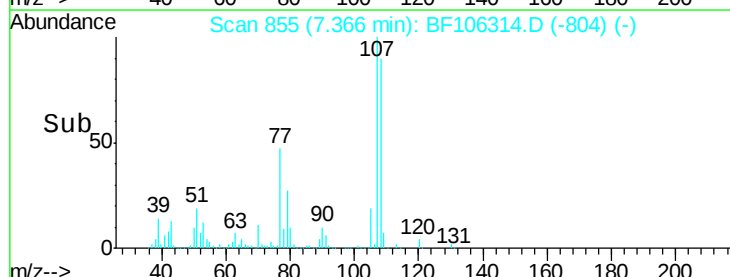
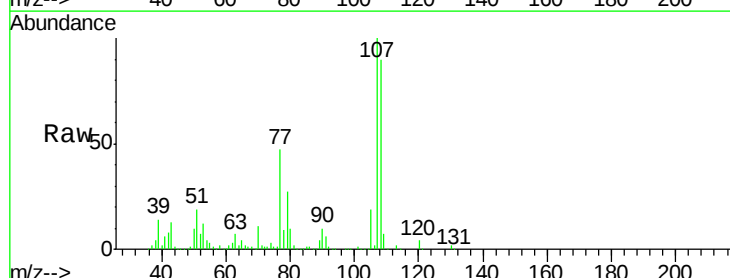
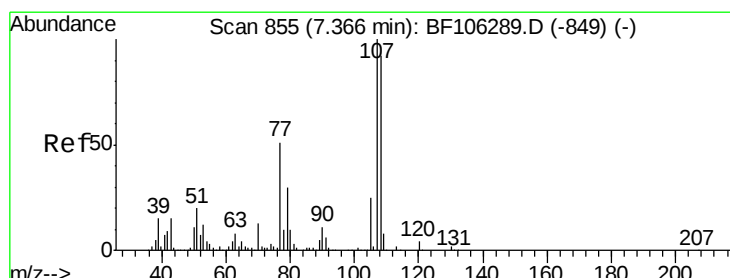
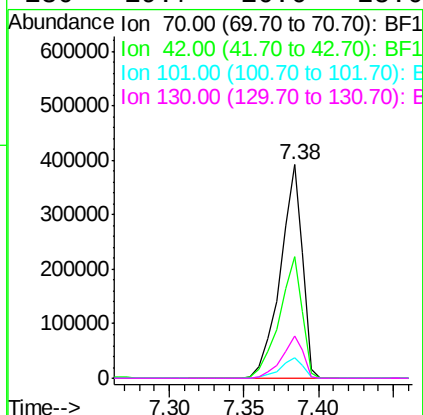
130 19.7 16.6 25.0

Manual Integrations

APPROVED

Sohil

6/12/2018 12:58:36 PM



#20

3+4-Methylphenols

Concen: 37.397 ng

RT: 7.37 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion: 107 Resp: 602558

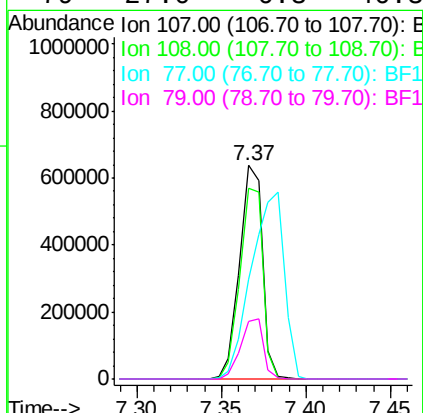
Ion Ratio Lower Upper

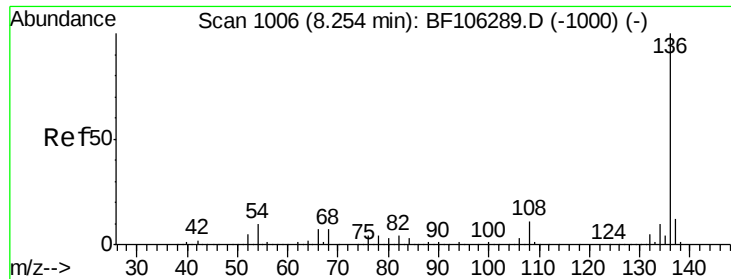
107 100

108 89.6 68.2 108.2

77 46.6 26.7 66.7

79 27.0 6.3 46.3





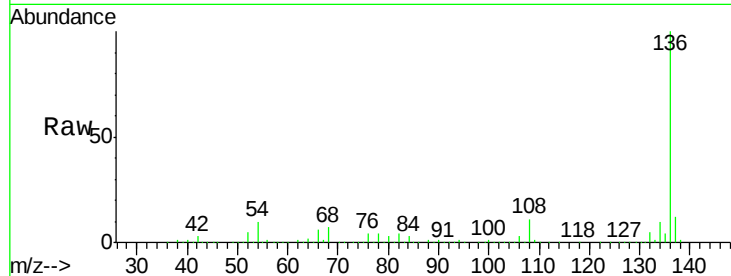
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampled :
SP-1MS

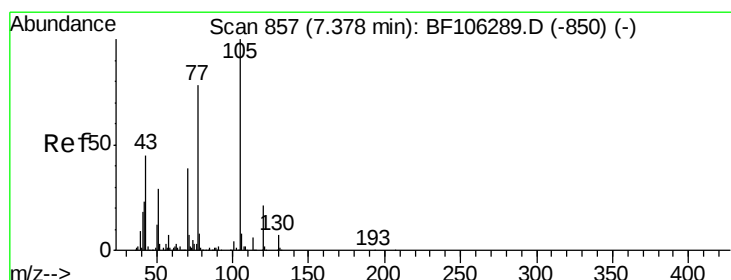
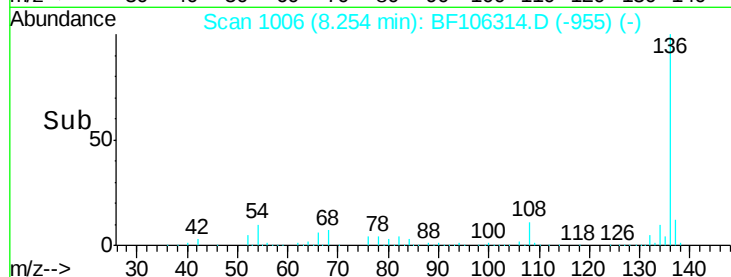
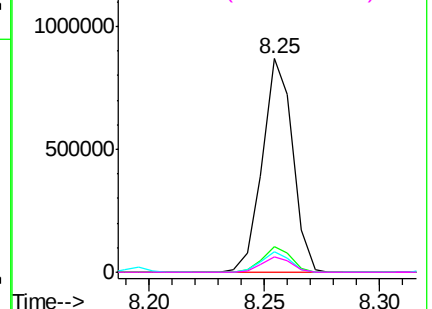
Tot Ion	Ratio	Resp	Lower	Upper
136	100	796274		
137	11.8		8.9	13.3
54	9.5		6.6	9.8
68	7.2		5.0	7.4

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM

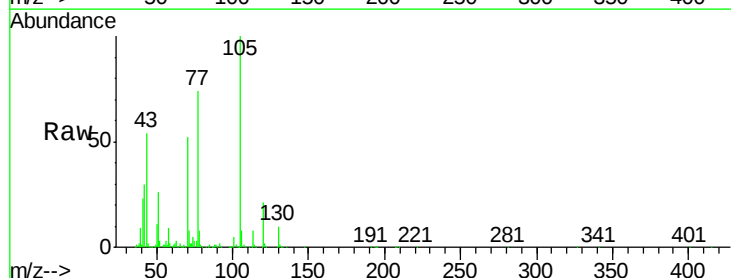


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

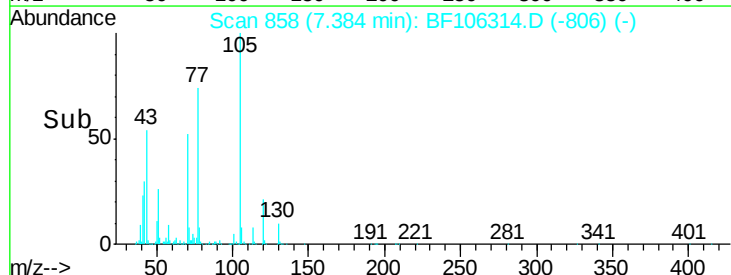
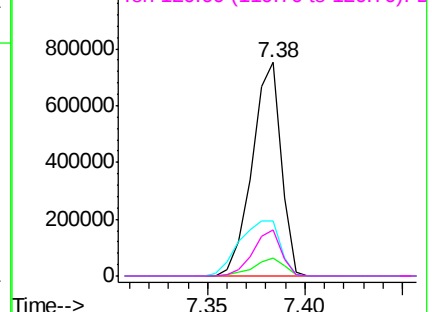


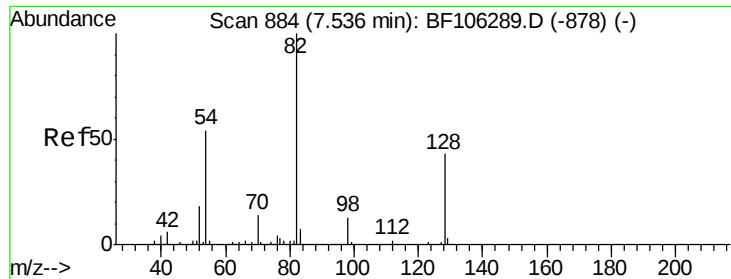
#22
Acetophenone
Concen: 38.539 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	773344		
71	8.5		4.4	6.6#
51	25.6		22.3	33.5
120	21.3		16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





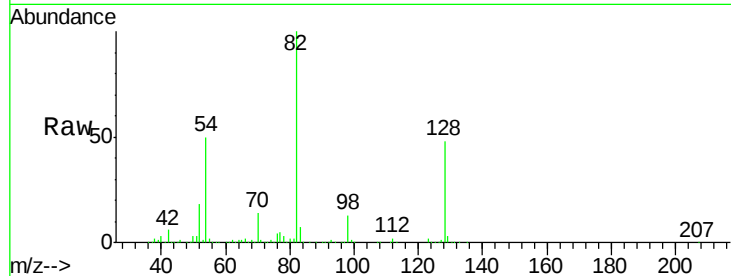
#23
 Nitrobenzene-d5
 Concen: 100.478 ng
 RT: 7.54 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

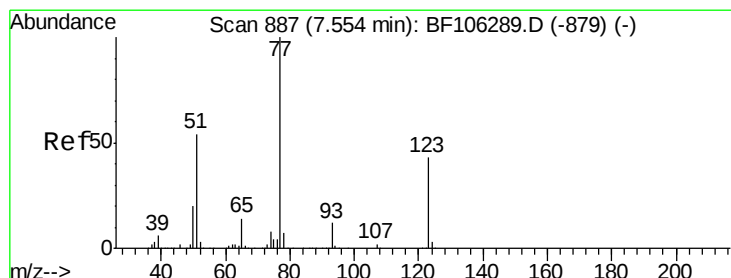
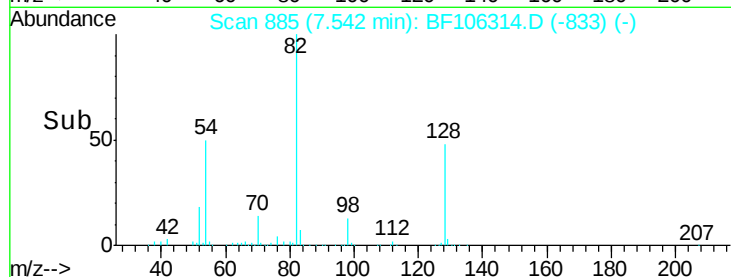
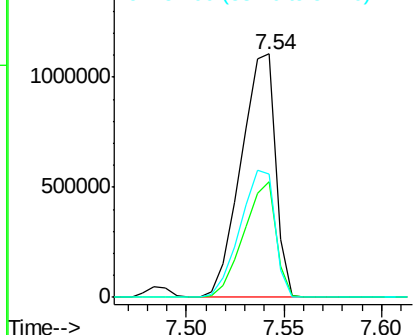
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	50.4	41.4	62.2

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:36 PM

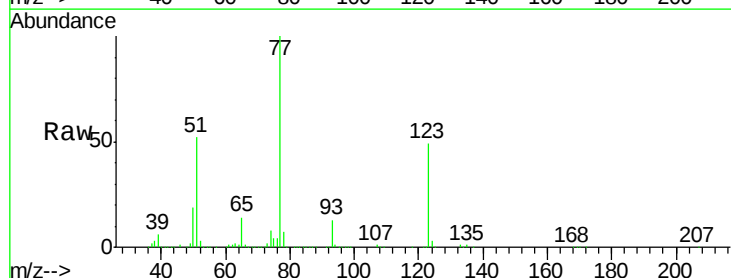


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

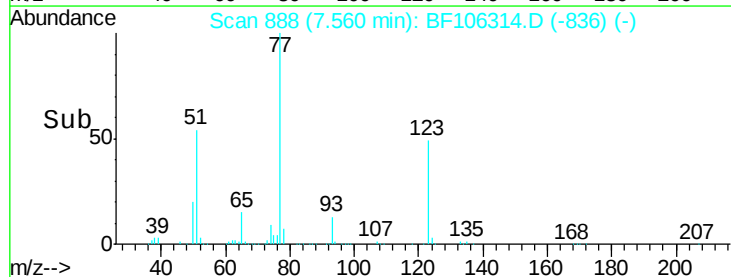
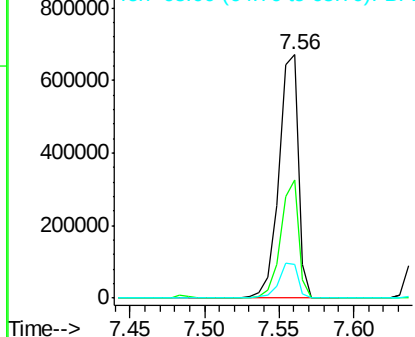


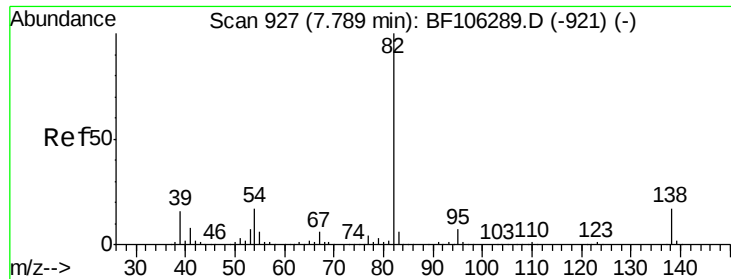
#24
 Nitrobenzene
 Concen: 41.883 ng
 RT: 7.56 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.9	56.9
65	14.0	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.275 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion: 82 Resp: 1117675

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

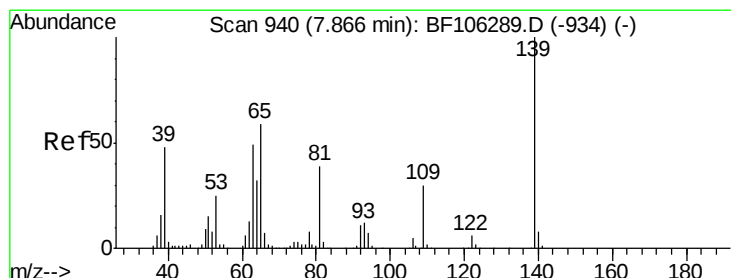
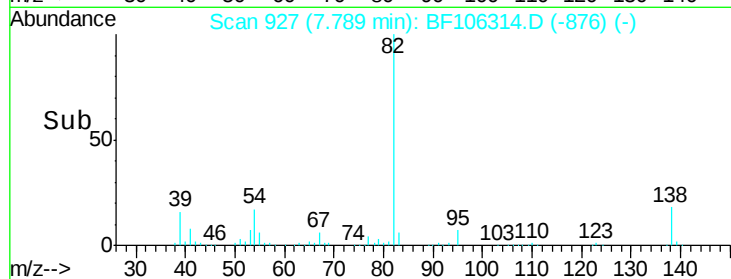
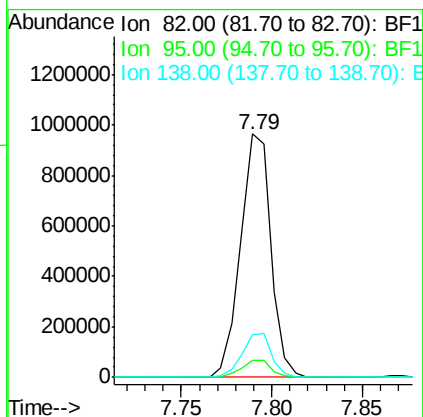
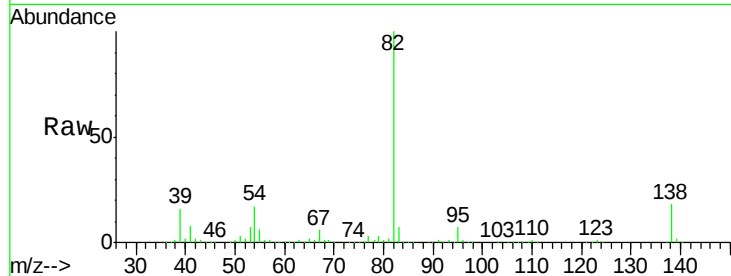
138 17.5 14.9 22.3

Manual Integrations

APPROVED

Sohil

6/12/2018 12:58:36 PM



#26

2-Nitrophenol

Concen: 48.565 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

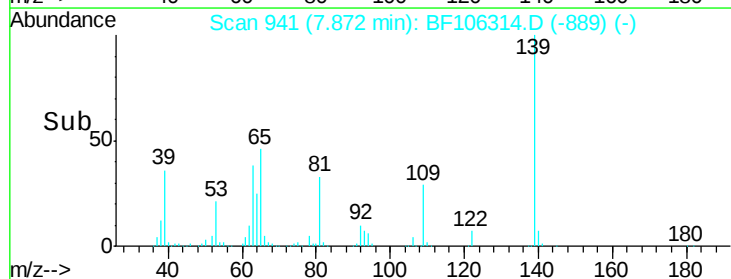
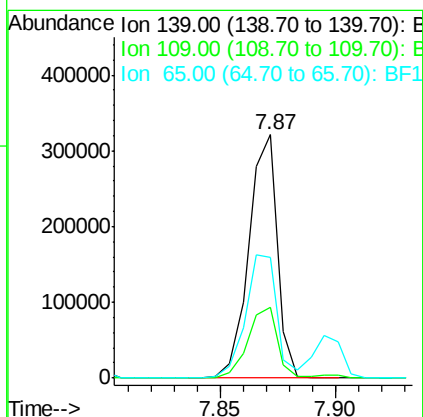
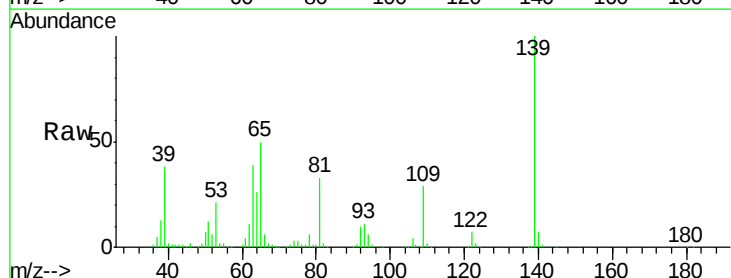
Tgt Ion: 139 Resp: 277325

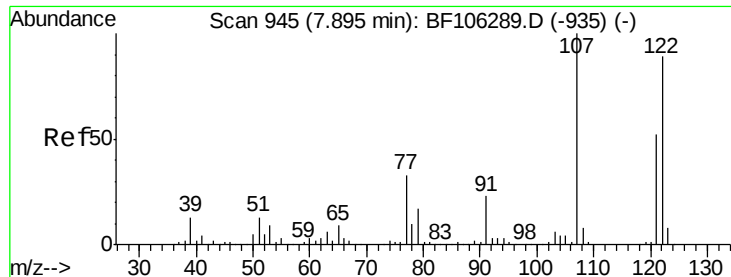
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.424 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

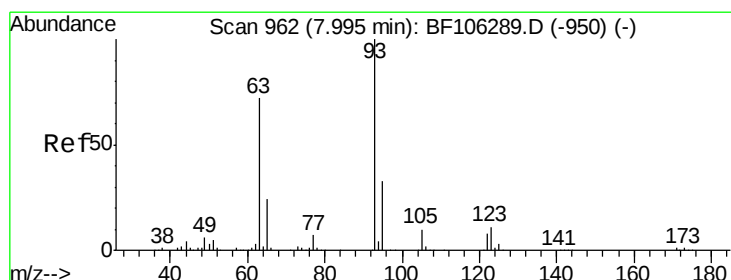
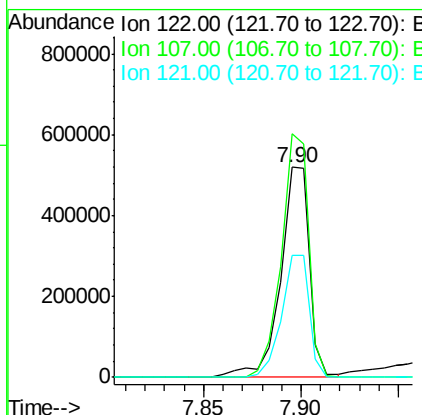
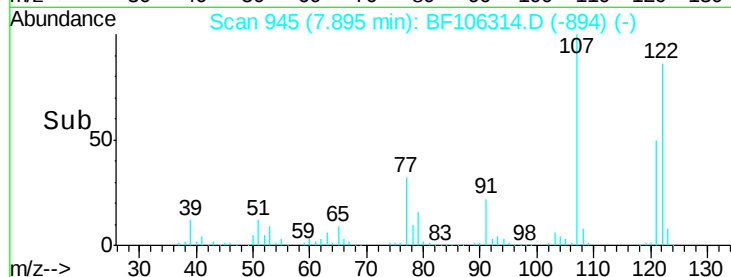
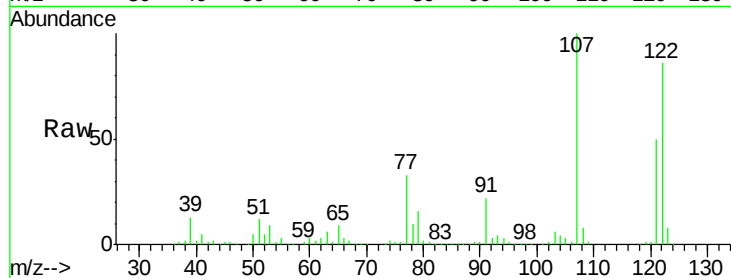
ClientSampled :

SP-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.2	136.8
121	58.4	47.2	70.8

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



#28

bis(2-Chloroethoxy)methane

Concen: 40.635 ng

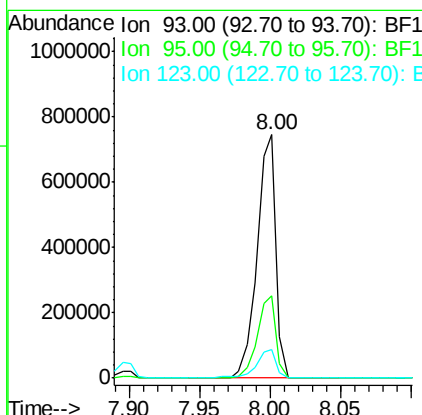
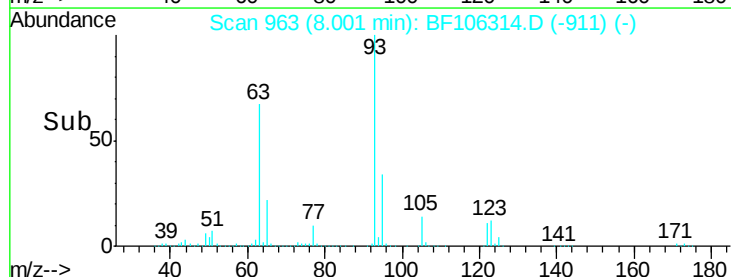
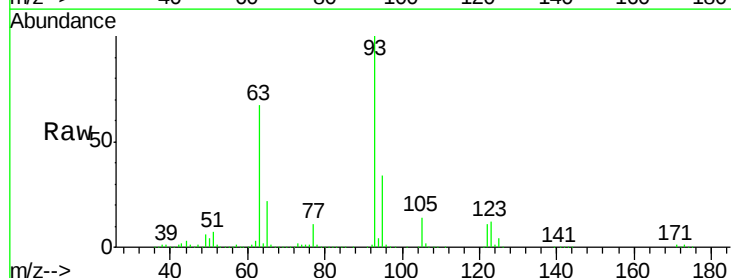
RT: 8.00 min Scan# 963

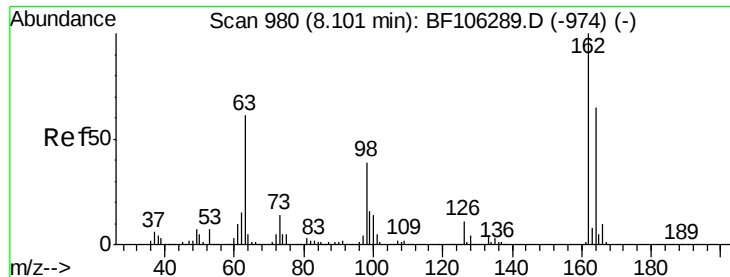
Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.3	39.5
123	11.9	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 44.359 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

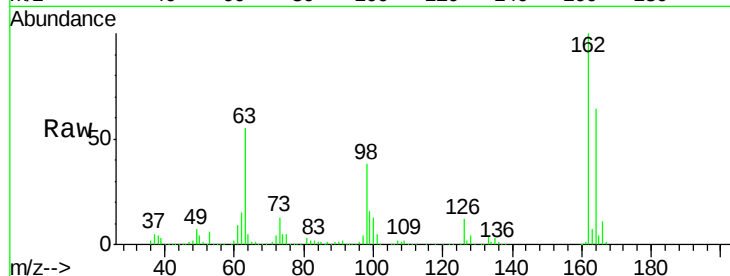
ClientSampled :

SP-1MS

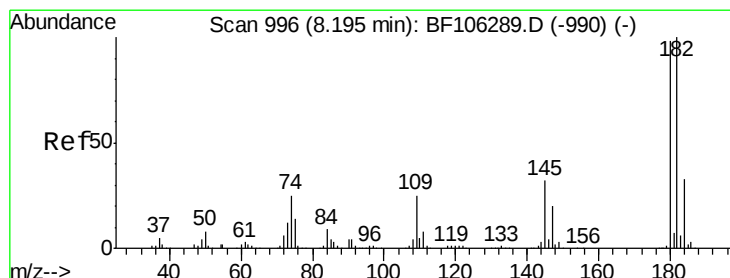
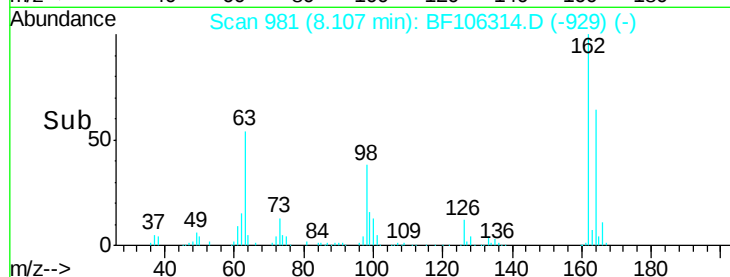
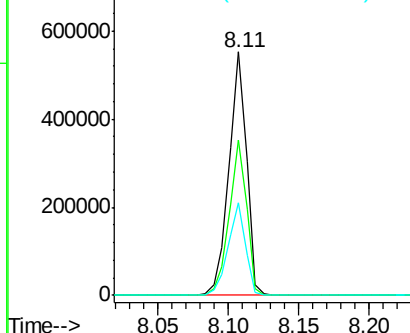
Tot Ion:	162	Resp:	478980
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	37.9	18.1	58.1

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.171 ng

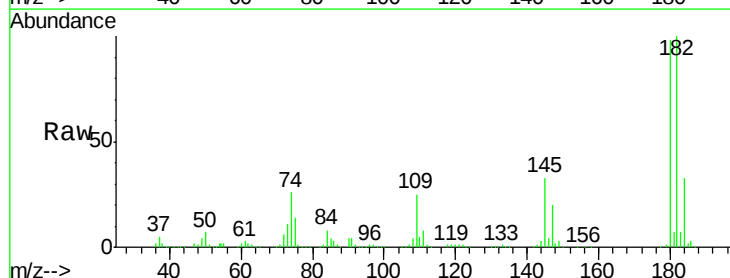
RT: 8.20 min Scan# 996

Delta R.T. 0.00 min

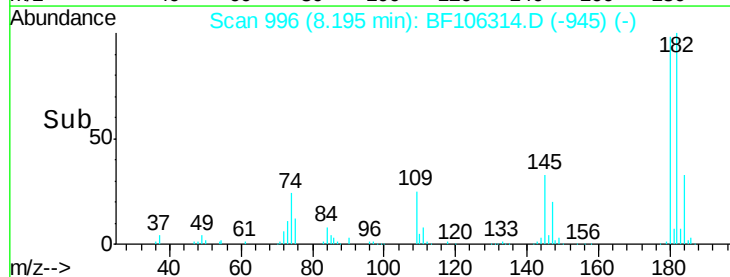
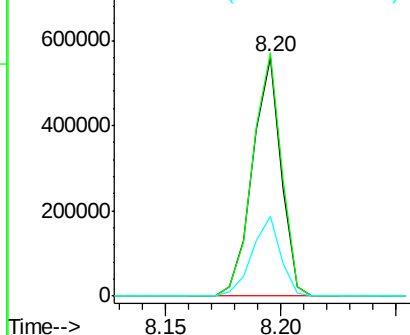
Lab File: BF106314.D

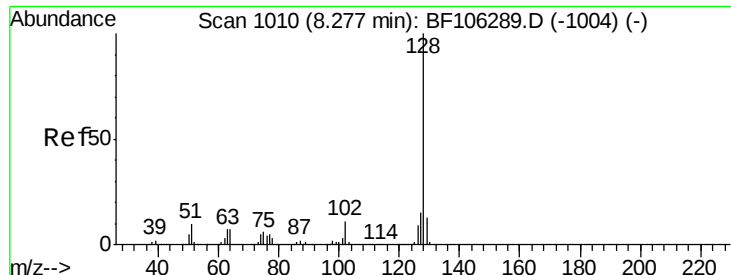
Acq: 12 Jun 2018 00:02

Tgt Ion:	180	Resp:	486347
Ion Ratio	Lower	Upper	
180	100		
182	102.1	76.8	115.2
145	33.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





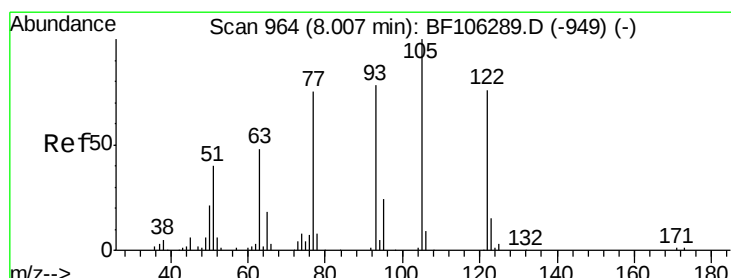
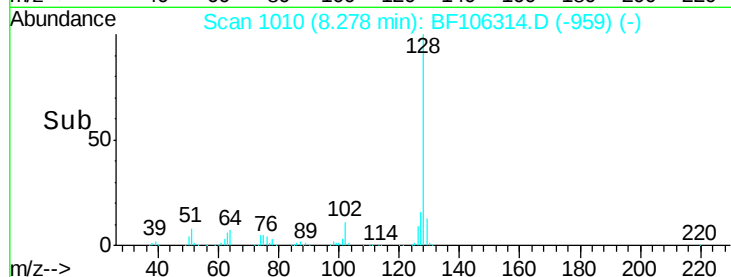
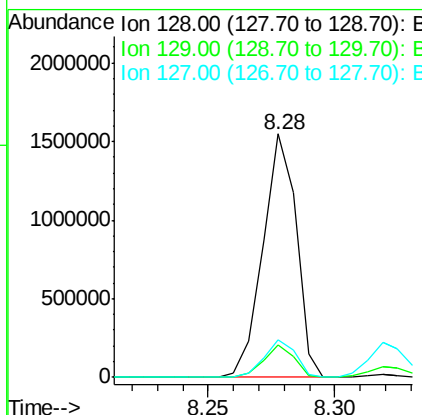
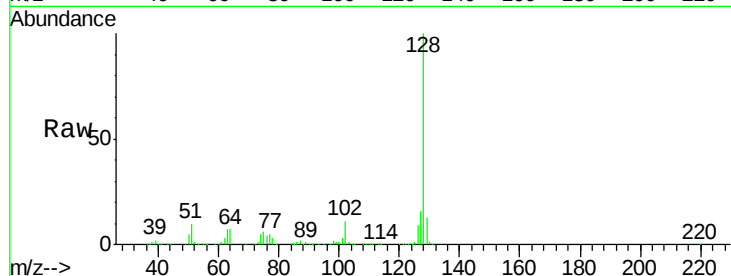
#31
Naphthalene
Concen: 39.459 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:128 Resp: 1420345
Ion Ratio Lower Upper
128 100
129 13.1 8.8 13.2
127 15.6 10.9 16.3

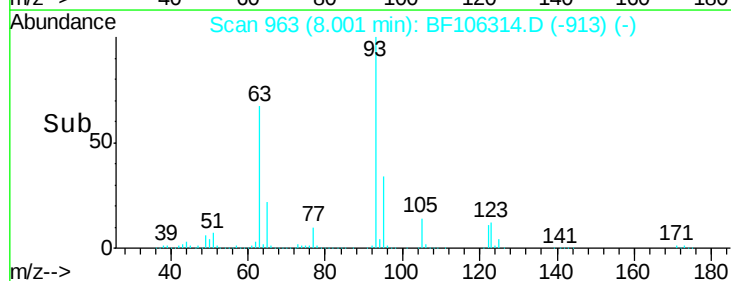
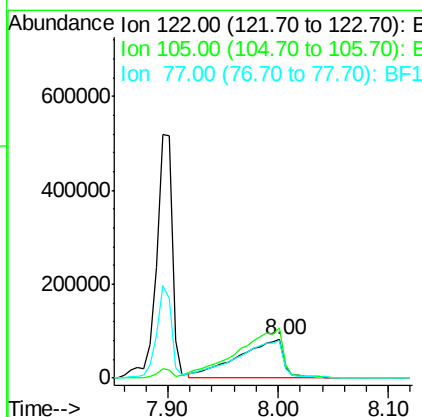
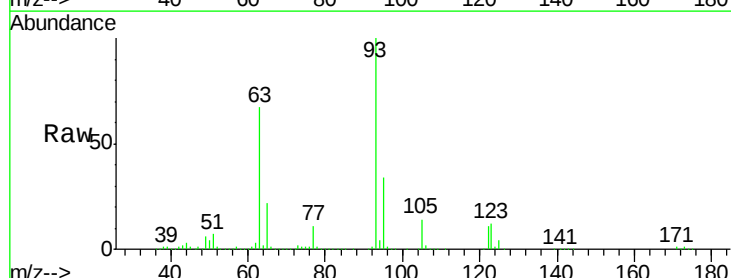
Manual Integrations
APPROVED

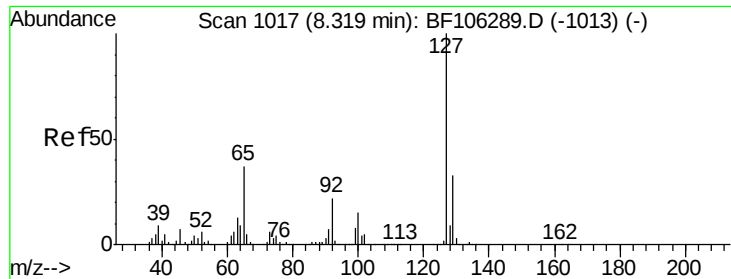
Sohil
6/12/2018 12:58:36 PM



#32
Benzoic acid
Concen: 31.703 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:122 Resp: 237623
Ion Ratio Lower Upper
122 100
105 130.1 101.1 141.1
77 96.9 70.7 110.7





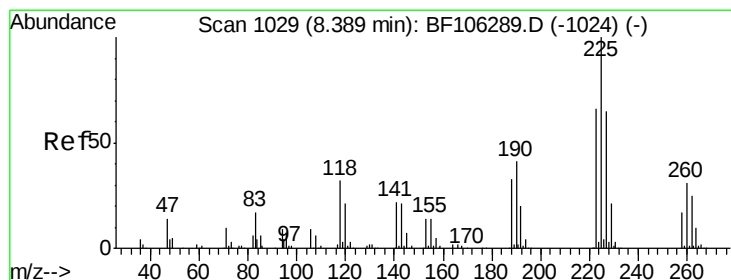
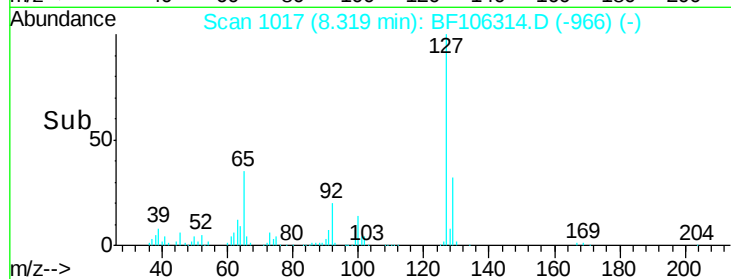
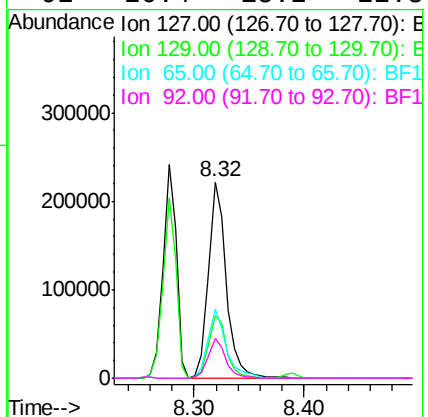
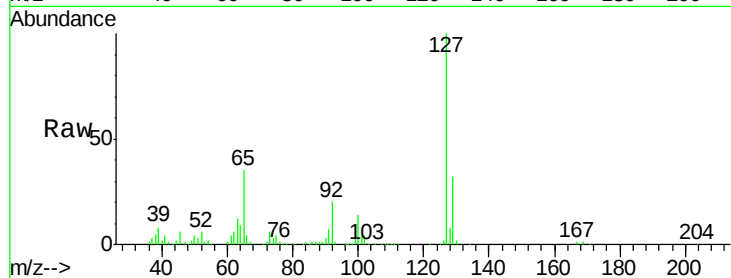
#33
4-Chloroaniline
Concen: 15.169 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		241978		
129	32.1		25.9	38.9	
65	35.2		25.0	37.4	
92	20.4		15.2	22.8	

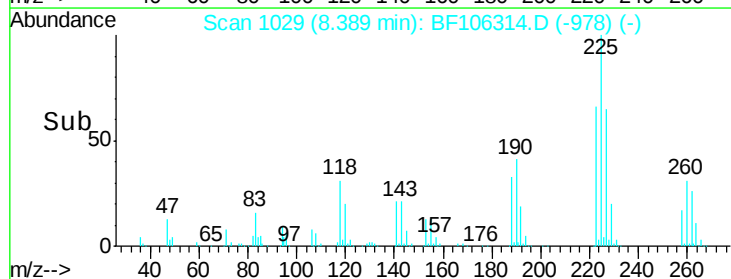
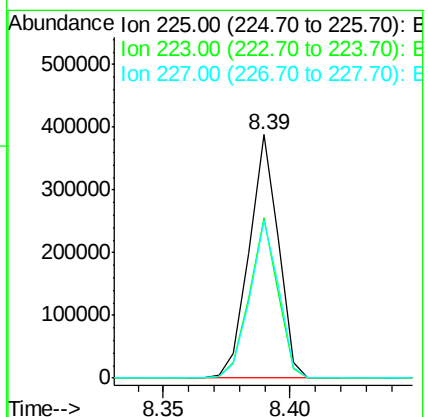
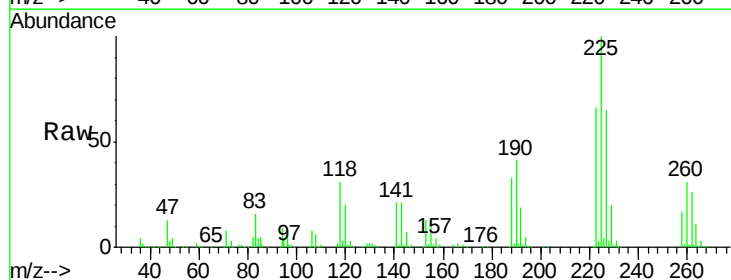
Manual Integrations
APPROVED

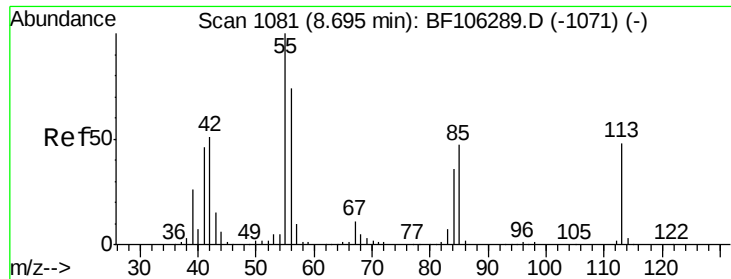
Sohil
6/12/2018 12:58:36 PM



#34
Hexachlorobutadiene
Concen: 39.960 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		310813		
223	65.8		50.6	76.0	
227	64.9		51.9	77.9	





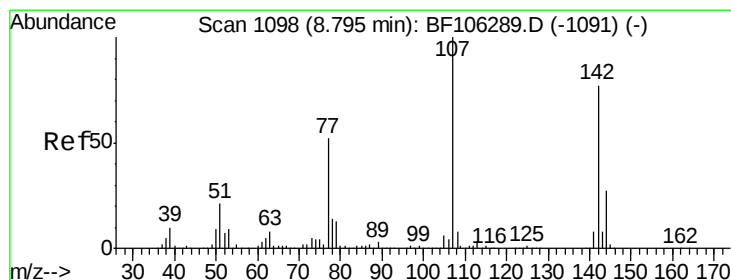
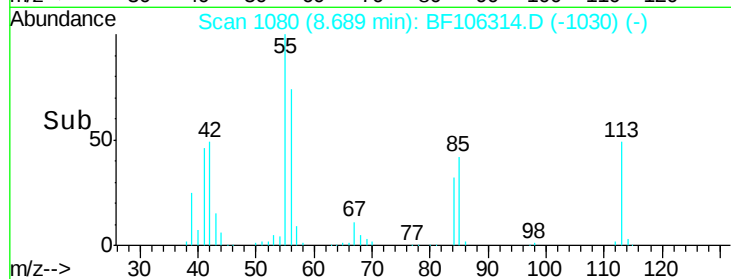
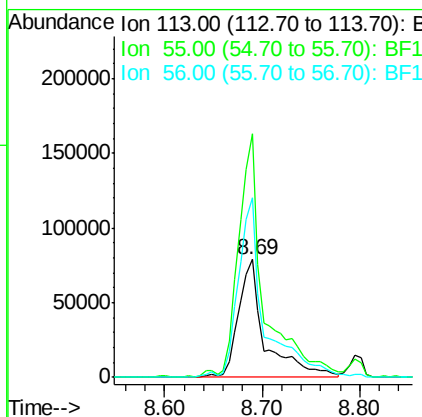
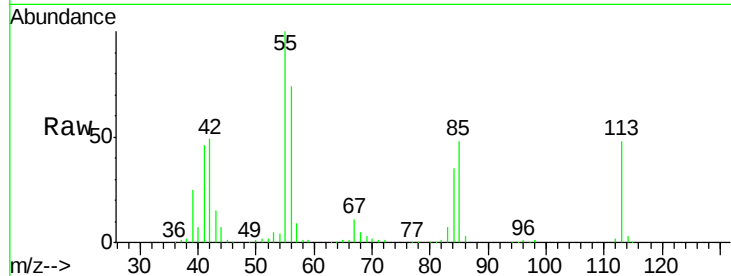
#35
Caprolactam
Concen: 41.276 ng
RT: 8.69 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	206.6		163.3	203.3#	
56	152.7		115.7	155.7	

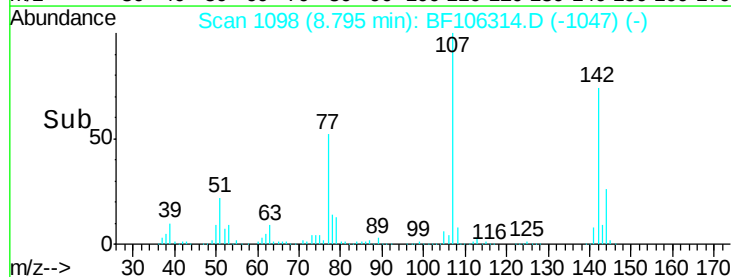
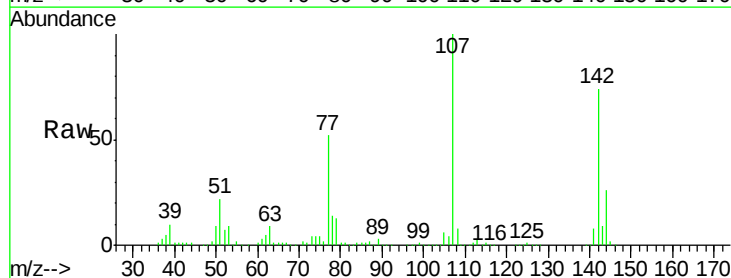
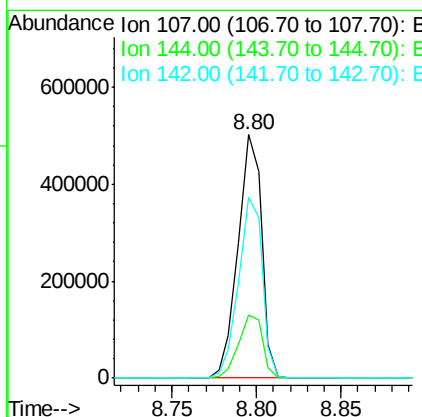
Manual Integrations
APPROVED

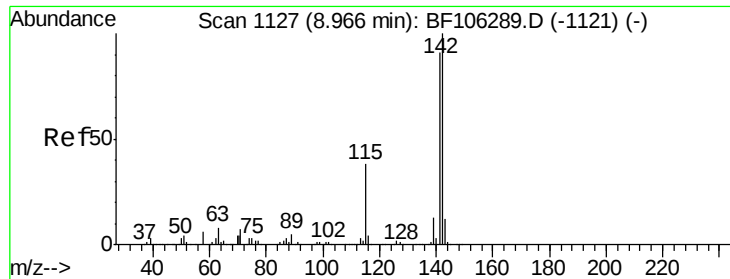
Sohil
6/12/2018 12:58:36 PM



#36
4-Chloro-3-methylphenol
Concen: 41.081 ng
RT: 8.80 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.8		20.5	30.7	
142	74.1		62.0	93.0	





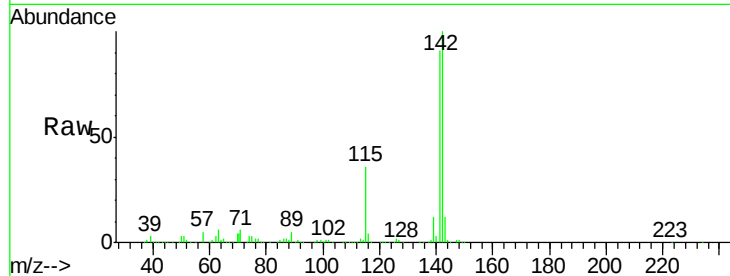
#37
2-Methylnaphthalene
Concen: 39.897 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampled :
SP-1MS

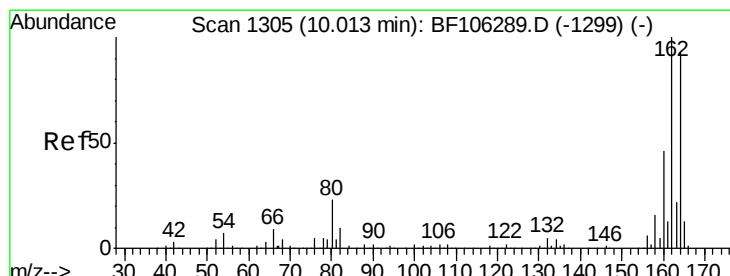
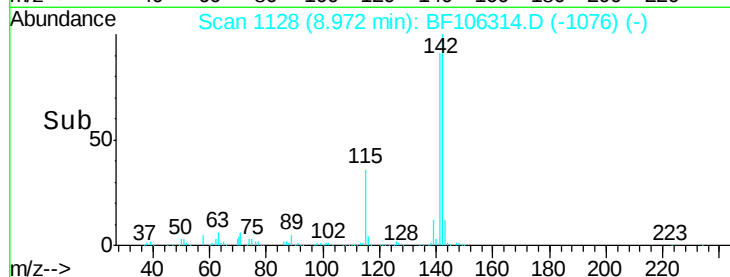
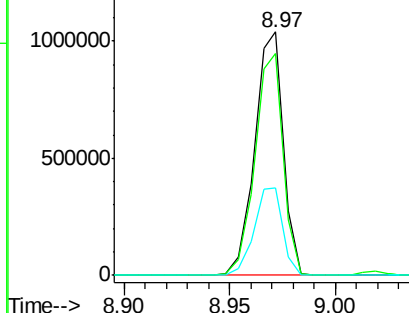
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2
115	36.0	26.1	39.1

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



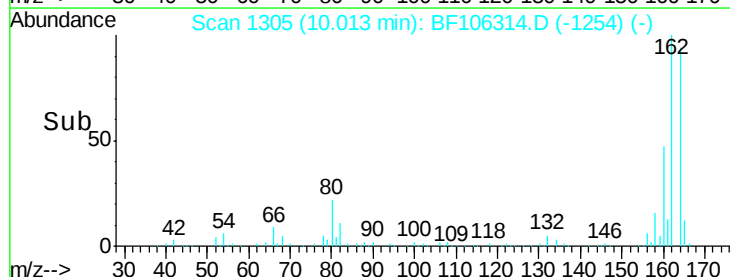
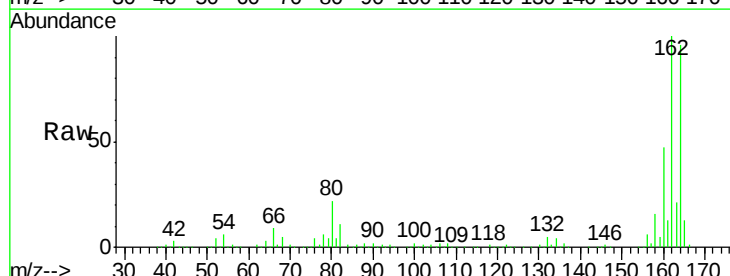
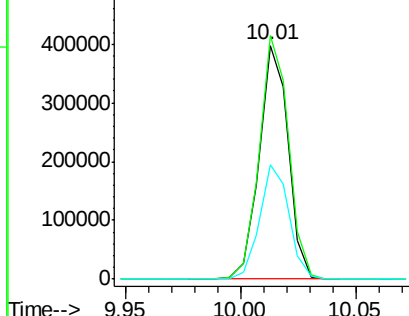
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

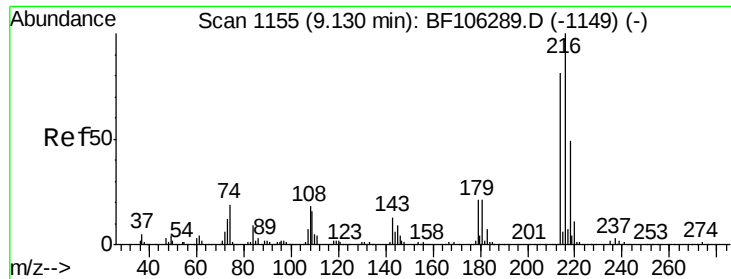


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.9	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





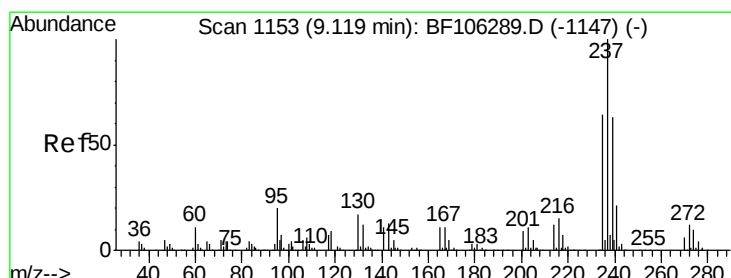
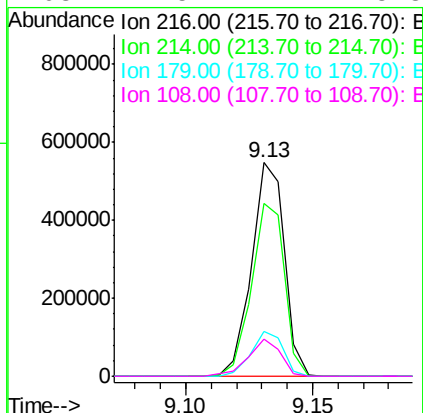
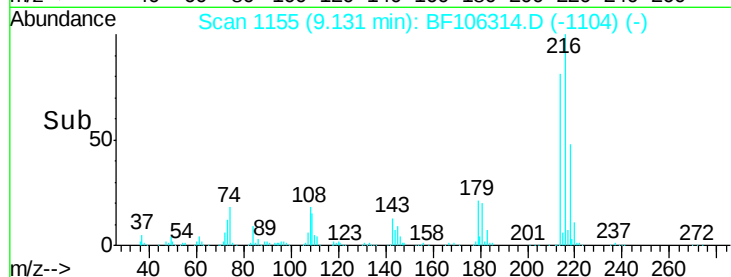
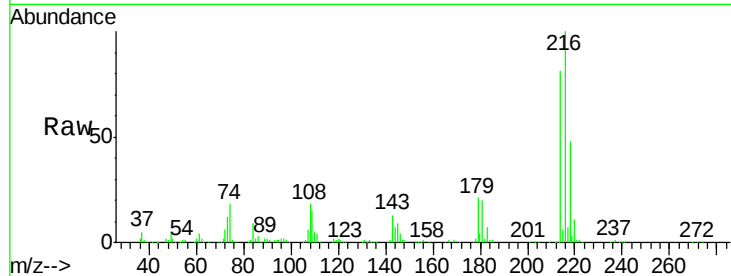
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.809 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		493853		
214	81.3		63.0	94.4	
179	20.4		18.1	27.1	
108	17.5		17.2	25.8	

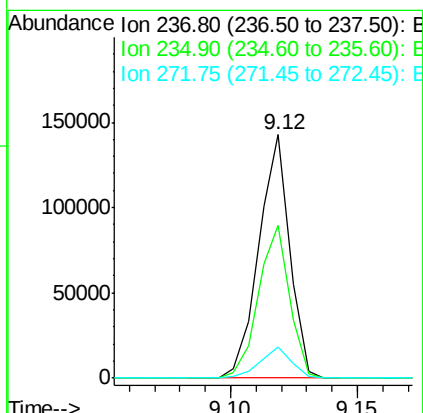
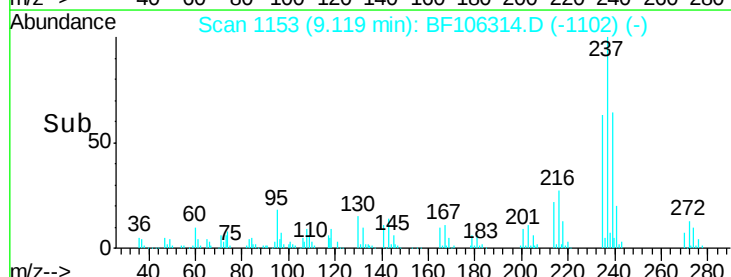
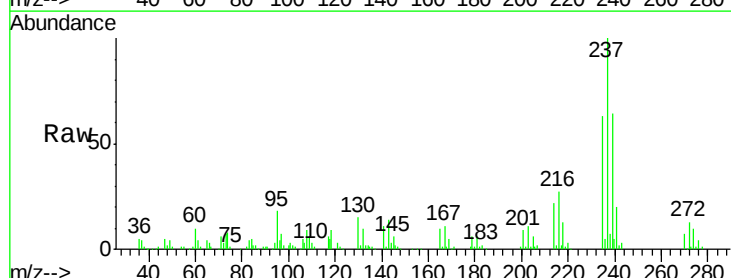
Manual Integrations
 APPROVED

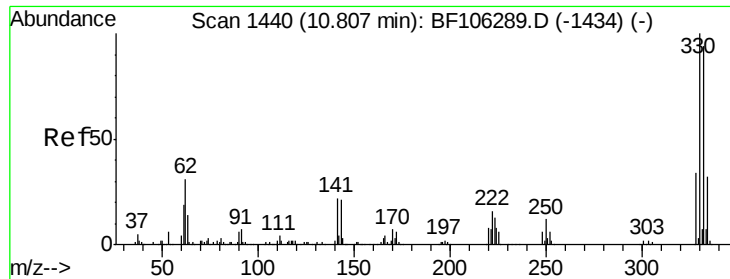
Sohil
 6/12/2018 12:58:36 PM



#40
 Hexachlorocyclopentadiene
 Concen: 19.407 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		120703		
235	62.5		44.8	84.8	
272	13.0		0.0	33.3	





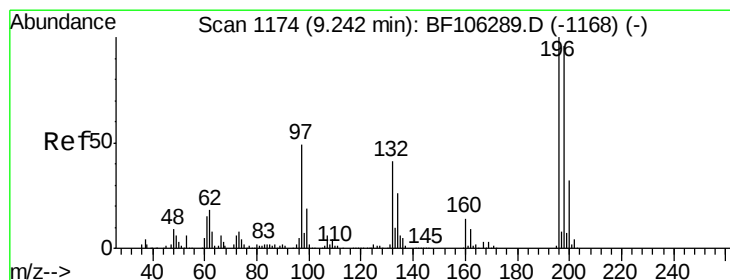
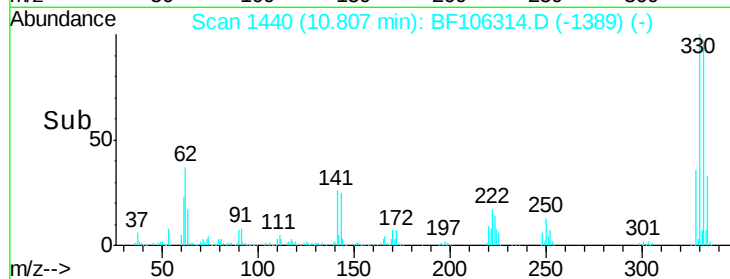
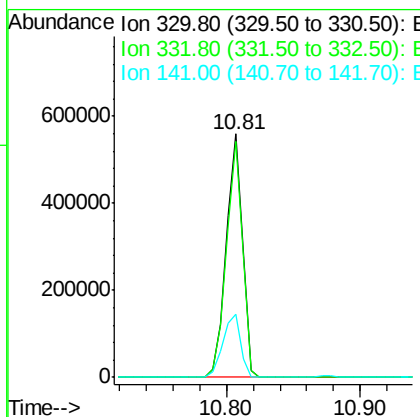
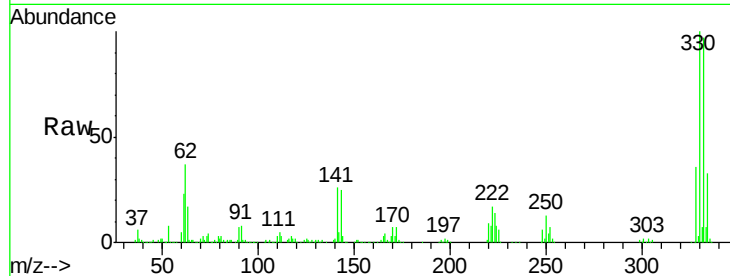
#41
 2,4,6-Tribromophenol
 Concen: 145.458 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	486004		
332	96.1	77.0	115.6	
141	28.5	29.9	44.9	

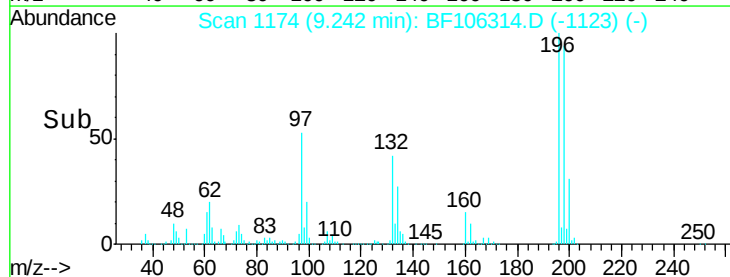
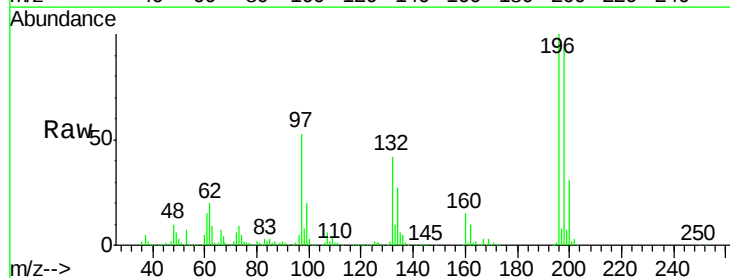
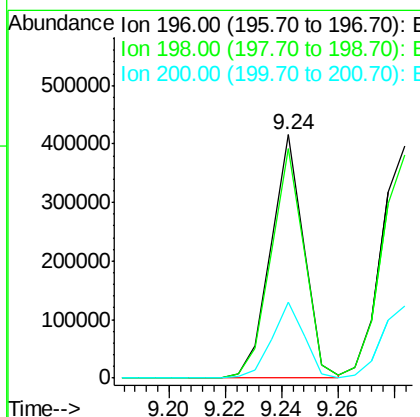
Manual Integrations
 APPROVED

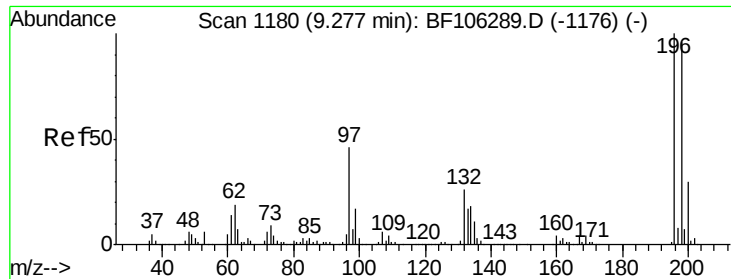
Sohil
 6/12/2018 12:58:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.969 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	337424		
198	94.1	75.7	113.5	
200	31.3	24.5	36.7	





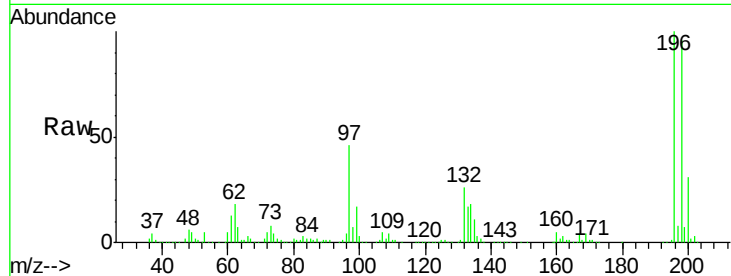
#43
 2,4,5-Trichlorophenol
 Concen: 44.710 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	196	Resp	346258
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.6	112.0
97	46.0	42.9	64.3
132	26.2	26.3	39.5#

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:36 PM



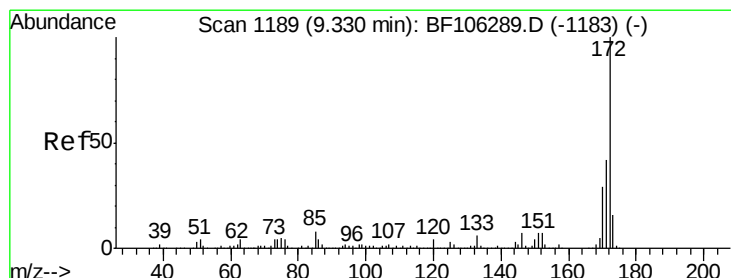
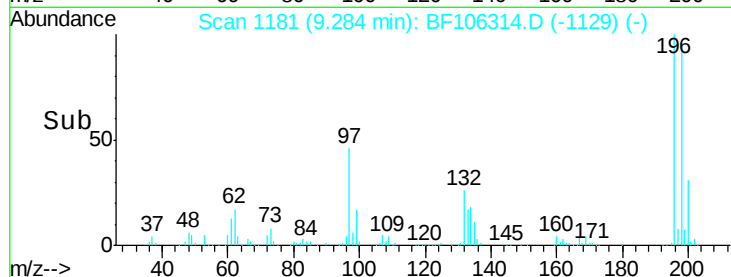
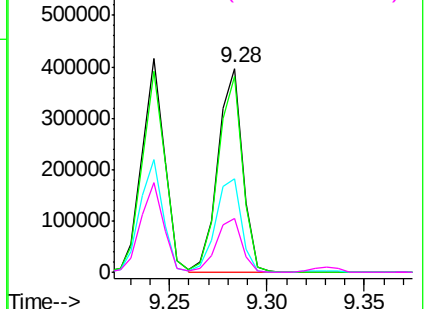
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.034 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

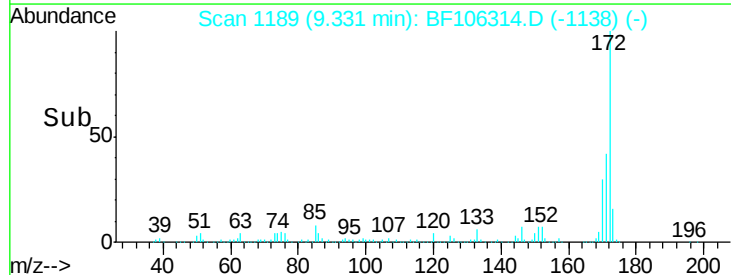
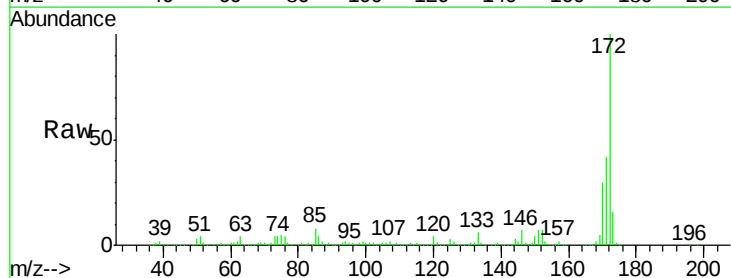
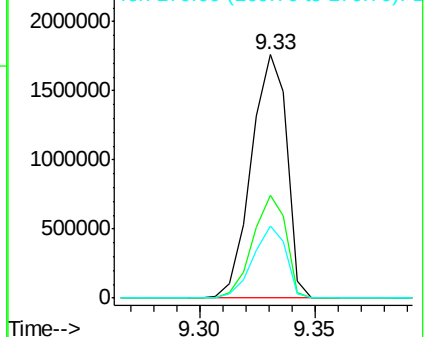
Tgt Ion	172	Resp	1887475
Ion Ratio	Lower	Upper	
172	100		
171	42.4	29.7	44.5
170	29.5	19.6	29.4#

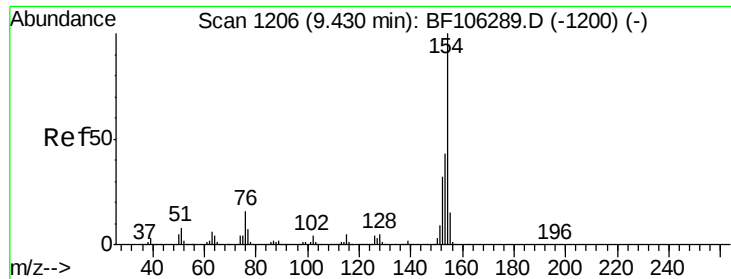
Abundance

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





#45

1,1'-Biphenyl

Concen: 41.695 ng

RT: 9.43 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion:154 Resp: 1121464

Ion Ratio Lower Upper

154 100

153 43.4 21.3 61.3

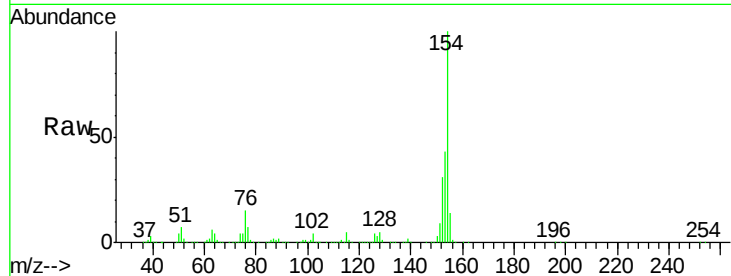
76 15.2 0.0 34.0

Manual Integrations

APPROVED

Sohil

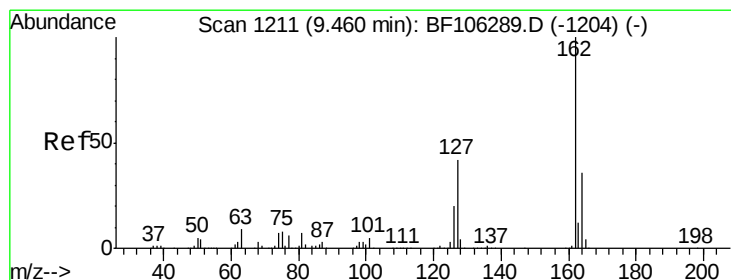
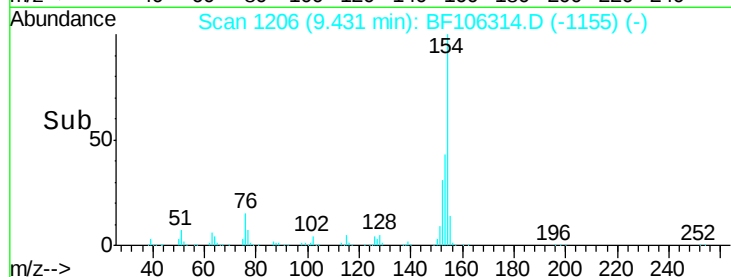
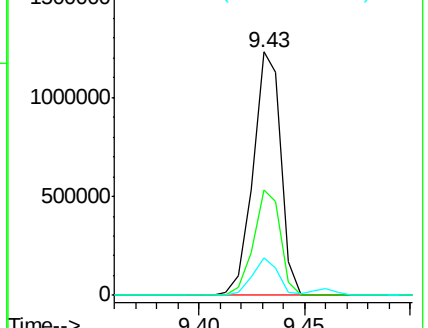
6/12/2018 12:58:36 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 41.745 ng

RT: 9.46 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

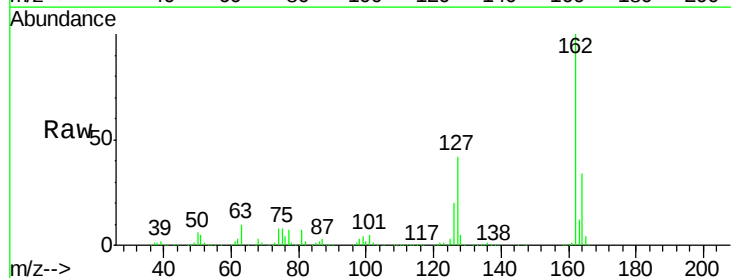
Tgt Ion:162 Resp: 898530

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

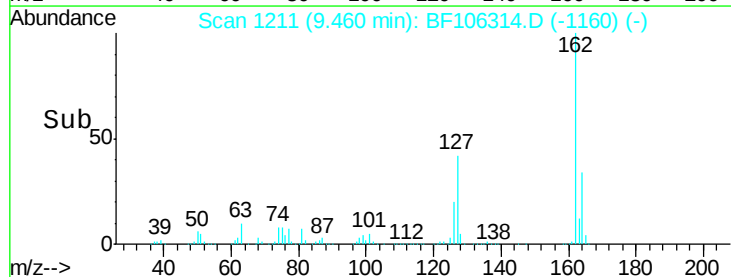
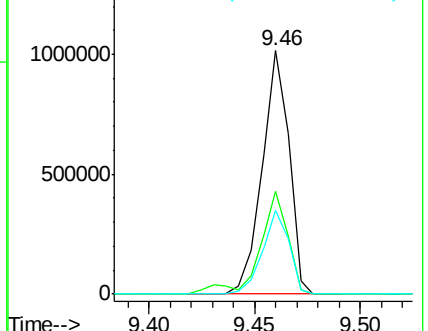
164 34.3 26.5 39.7

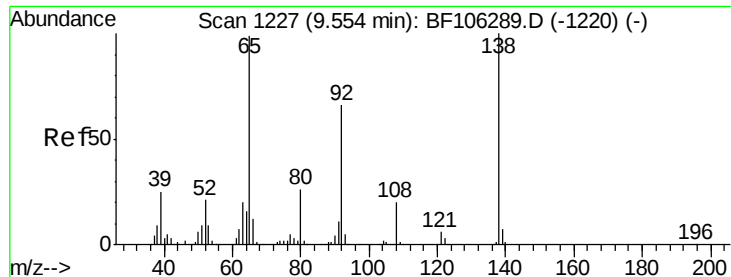


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





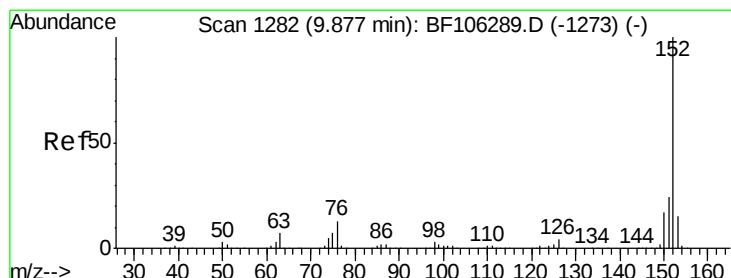
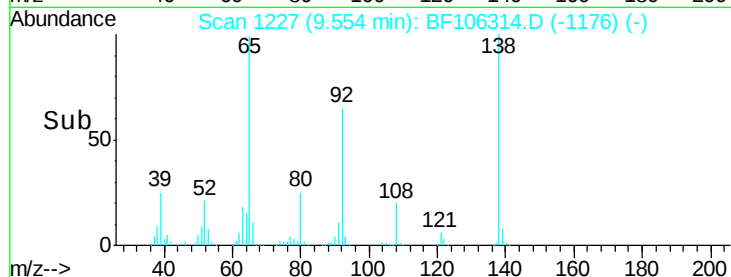
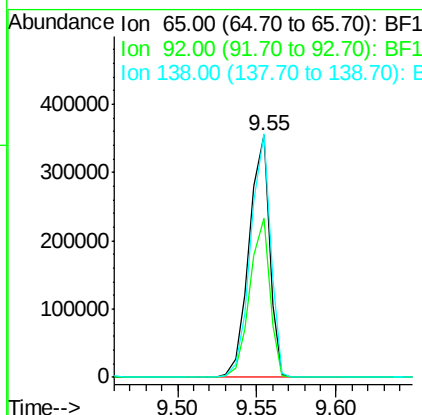
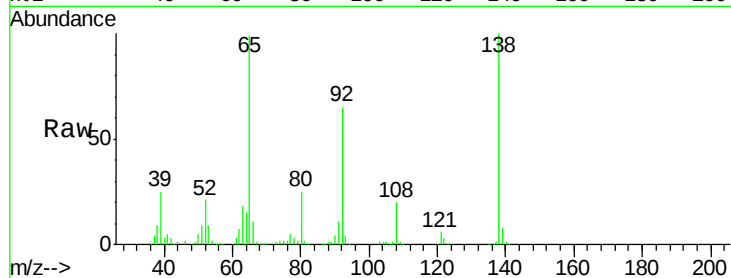
#47
2-Nitroaniline
Concen: 46.868 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	55.8	83.6
138	100.7	91.2	136.8

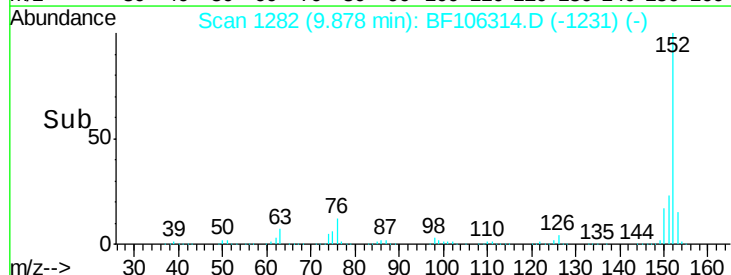
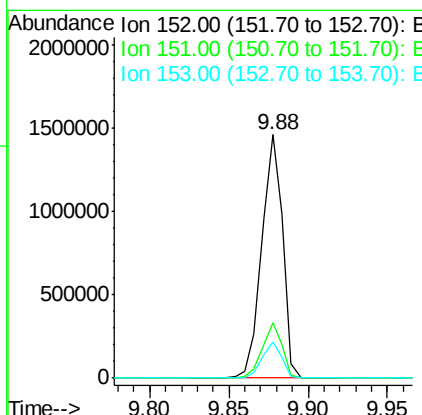
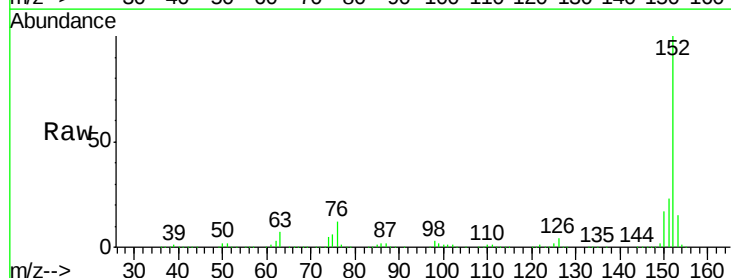
Manual Integrations
APPROVED

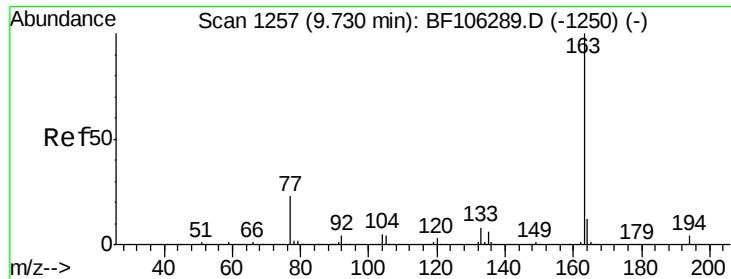
Sohil
6/12/2018 12:58:36 PM



#48
Acenaphthylene
Concen: 40.853 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.3	24.5
153	15.0	10.7	16.1





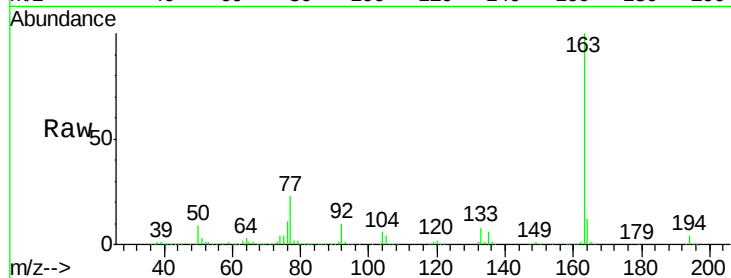
#49
Dimethylphthalate
Concen: 53.325 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

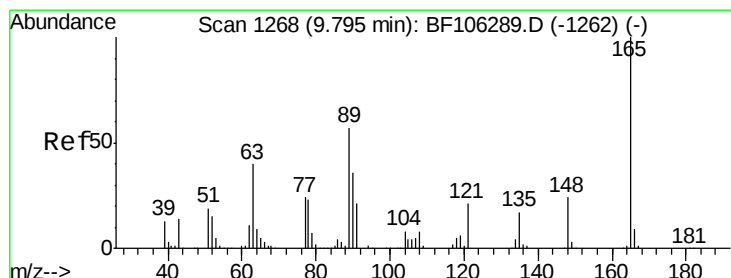
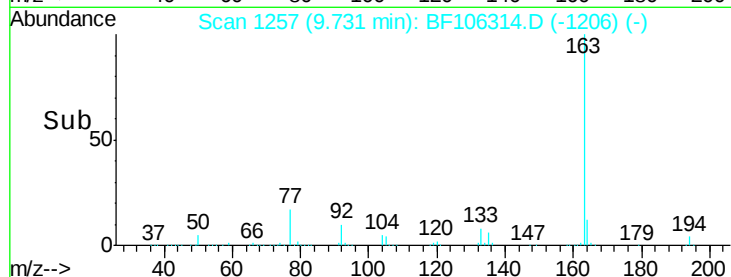
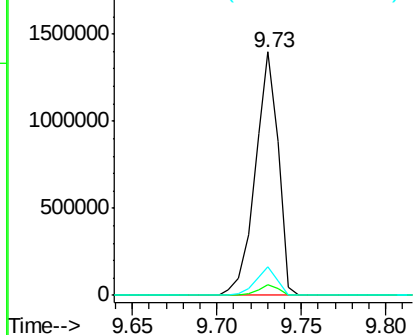
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	11.7	8.2	12.2

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM

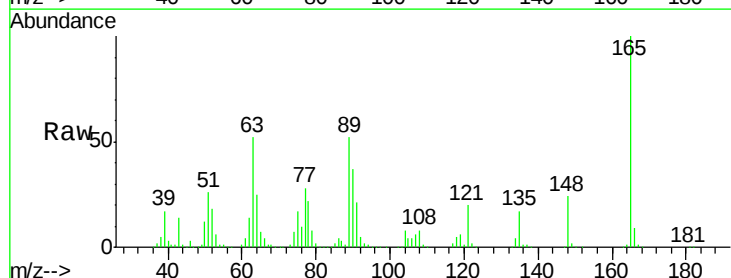


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

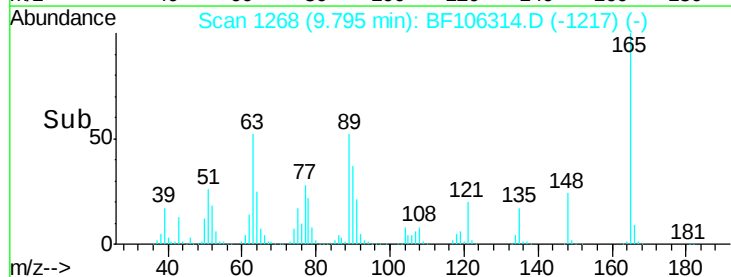
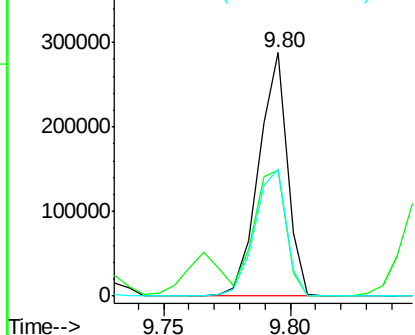


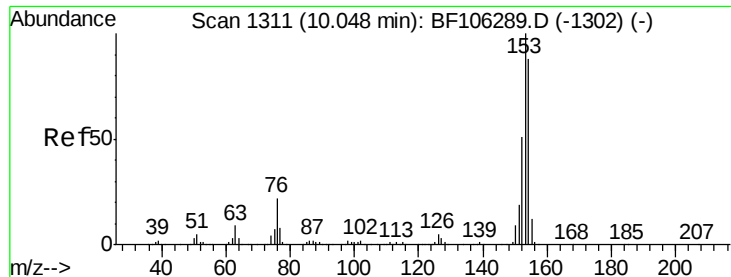
#50
2,6-Dinitrotoluene
Concen: 45.081 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.8	44.7	67.1
89	52.5	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.389 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampled :

SP-1MS

Tot Ion:154 Resp: 816795

Ion Ratio Lower Upper

154 100

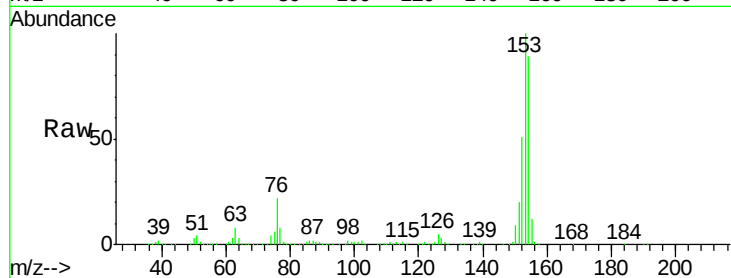
153 111.9 91.2 136.8

152 56.7 43.8 65.8

Manual Integrations
APPROVED

Sohil

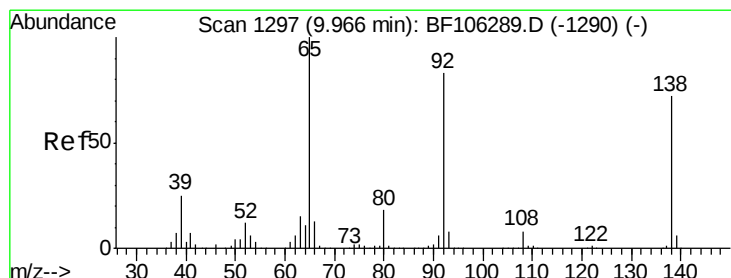
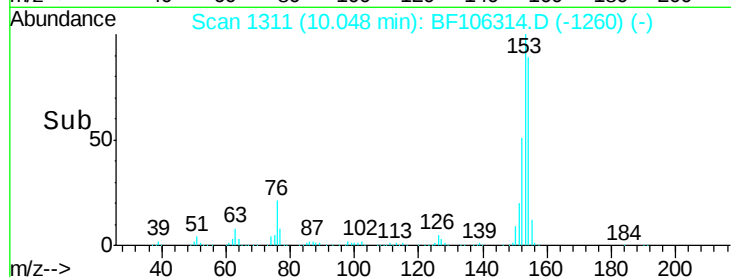
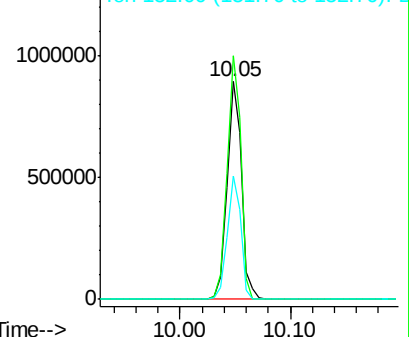
6/12/2018 12:58:36 PM



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



#52

3-Nitroaniline

Concen: 28.320 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

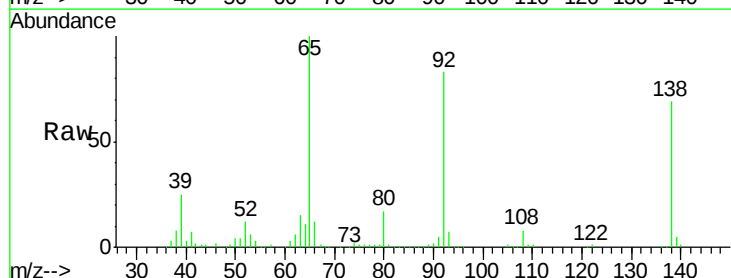
Tgt Ion:138 Resp: 170341

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

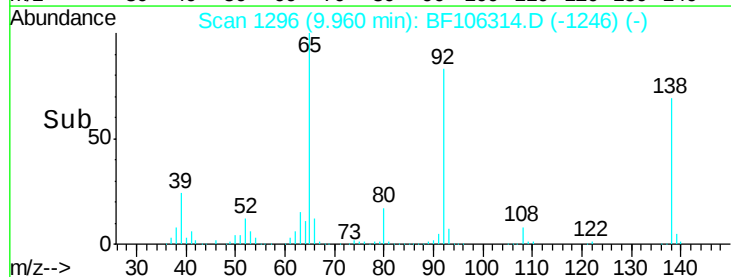
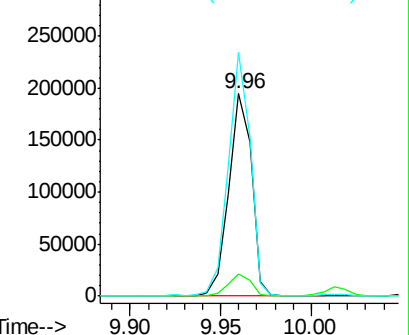
92 120.2 89.4 134.2

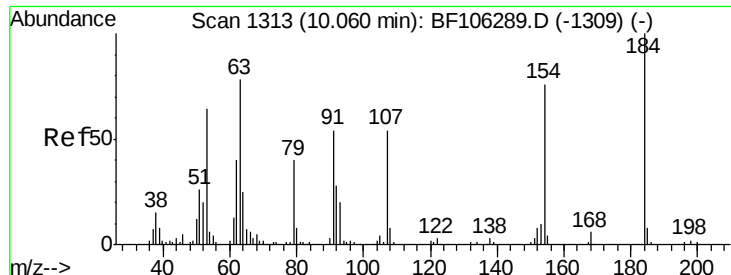


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





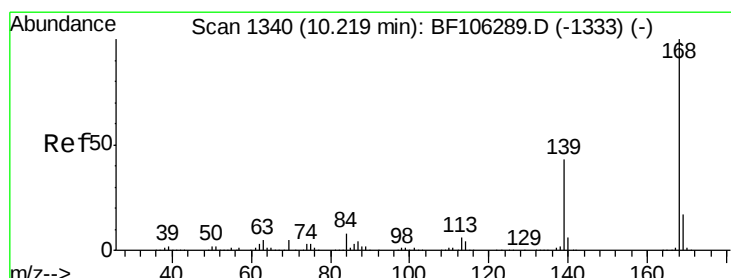
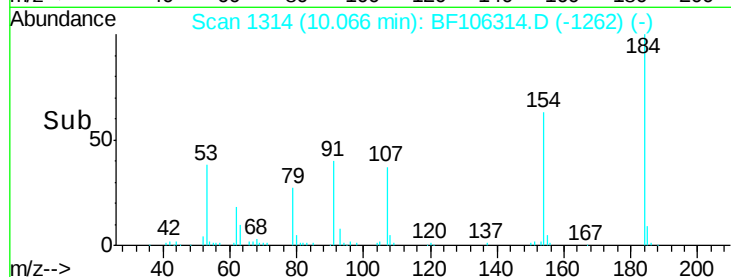
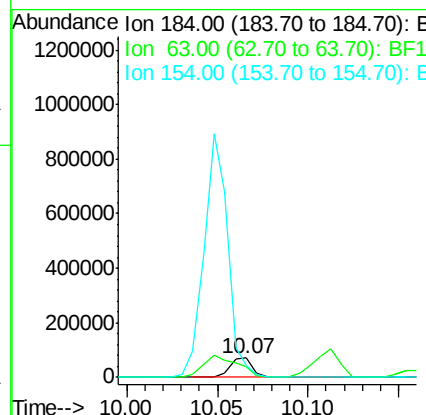
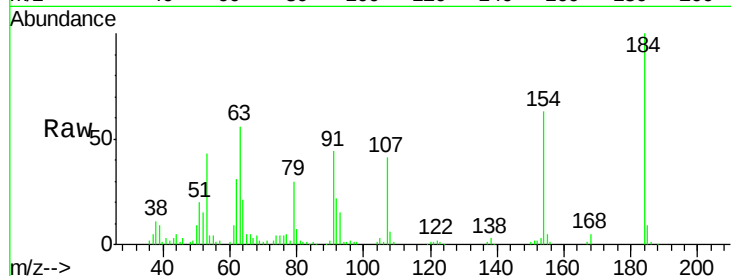
#53
2,4-Dinitrophenol
Concen: 32.205 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.6	54.2	81.2
154	63.5	184.0	276.0#

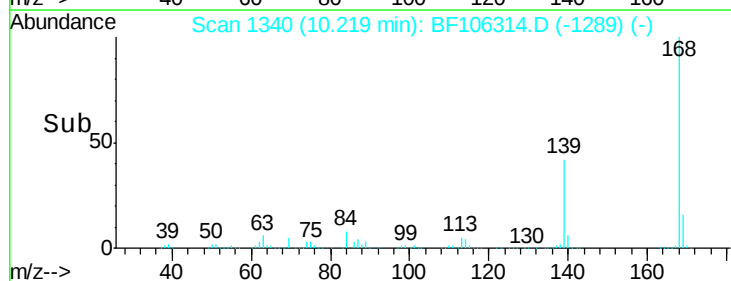
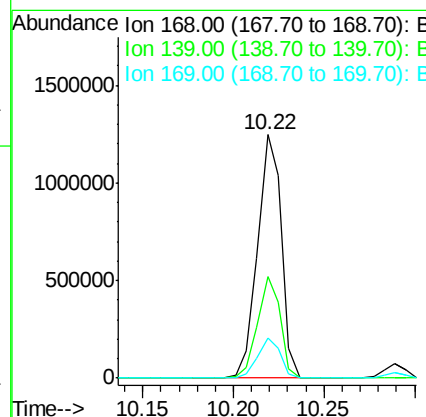
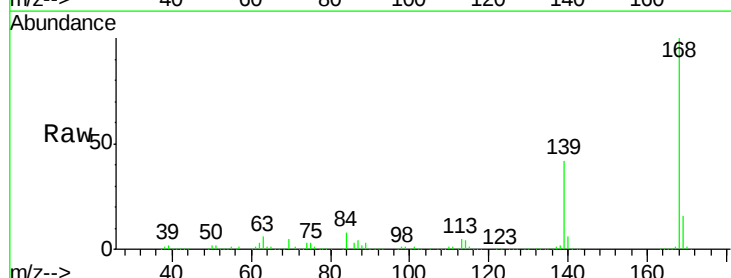
Manual Integrations
APPROVED

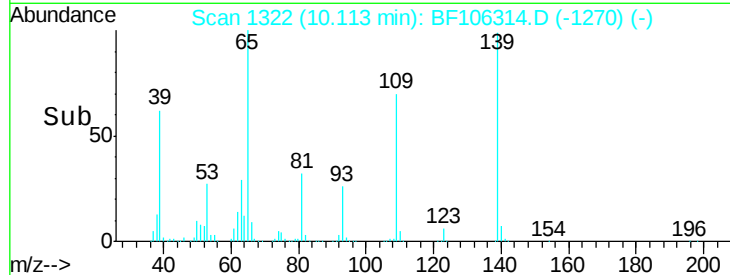
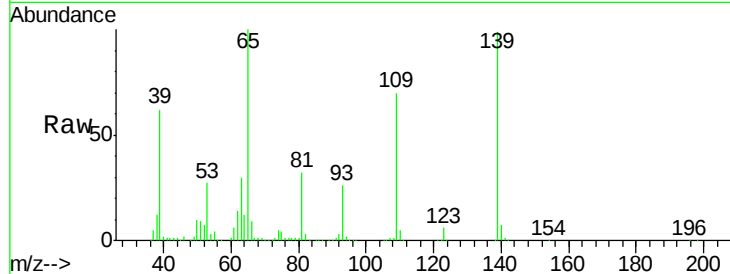
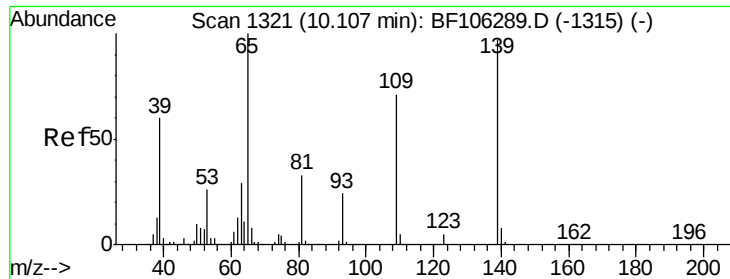
Sohil
6/12/2018 12:58:36 PM



#54
Dibenzofuran
Concen: 39.561 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	30.1	45.1
169	16.5	10.9	16.3#





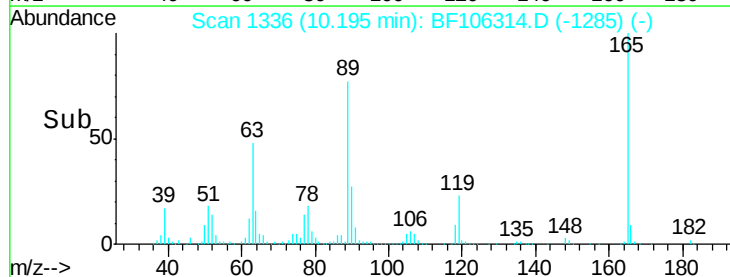
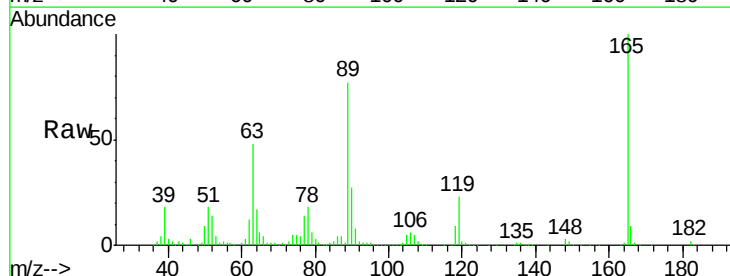
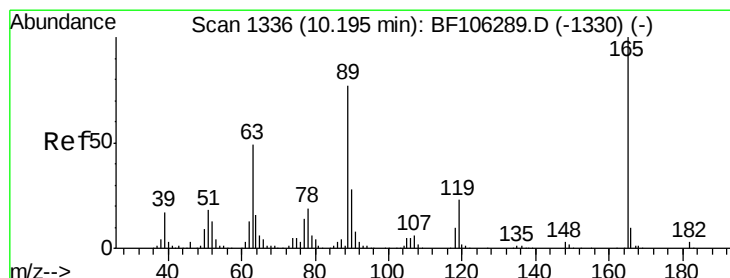
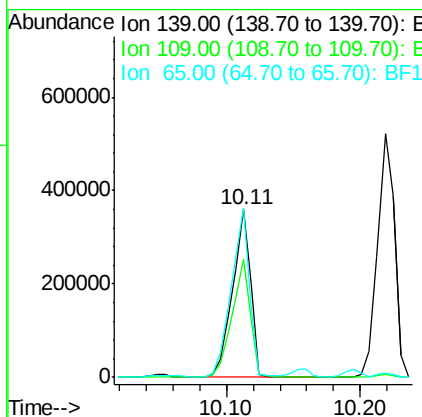
#55
4-Nitrophenol
Concen: 75.357 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	347424		
109	70.5	48.4	88.4	
65	100.8	72.6	112.6	

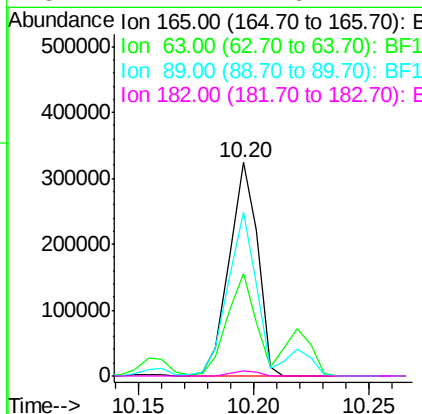
Manual Integrations
APPROVED

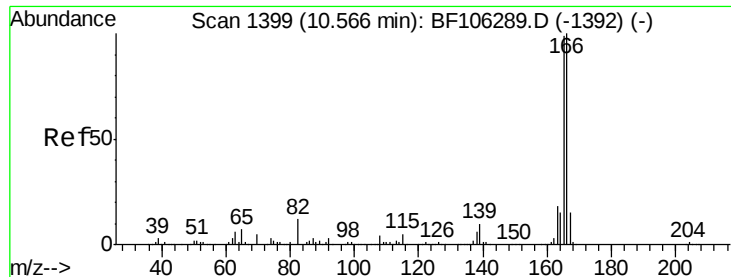
Sohil
6/12/2018 12:58:36 PM



#56
2,4-Dinitrotoluene
Concen: 43.707 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	278149		
63	47.8	36.4	54.6	
89	76.7	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 37.259 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

ClientSampled :

SP-1MS

Tot Ion:166 Resp: 845772

Ion Ratio Lower Upper

166 100

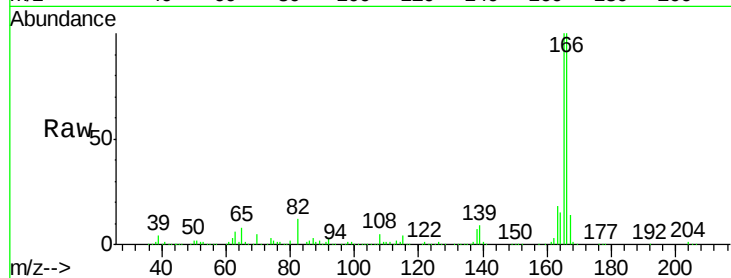
165 100.0 79.8 119.8

167 14.1 10.6 16.0

Manual Integrations
APPROVED

Sohil

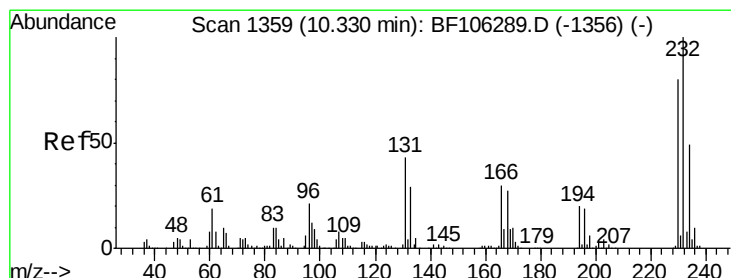
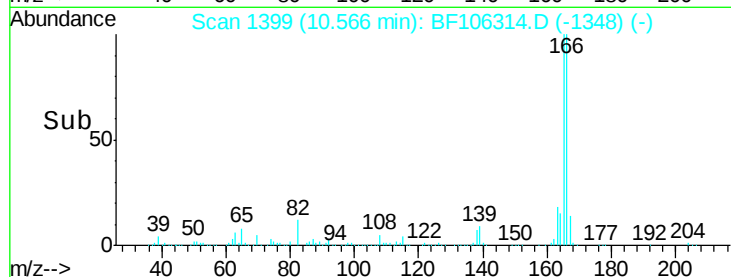
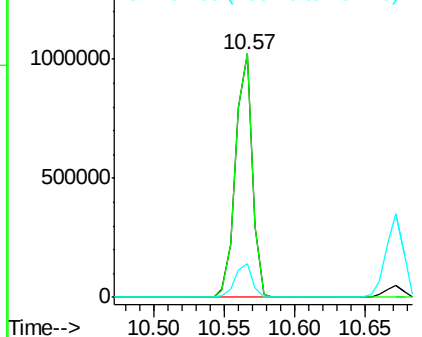
6/12/2018 12:58:36 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.689 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion:232 Resp: 274309

Ion Ratio Lower Upper

232 100

131 42.1 43.8 65.8#

130 2.3 2.1 3.1

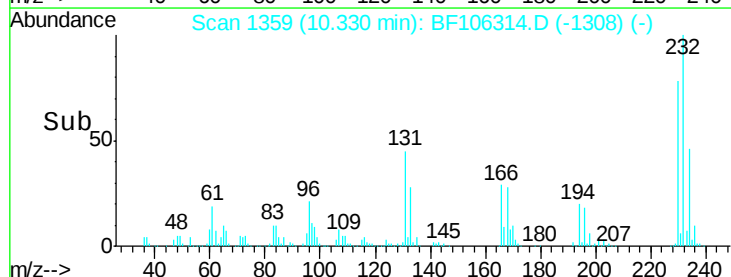
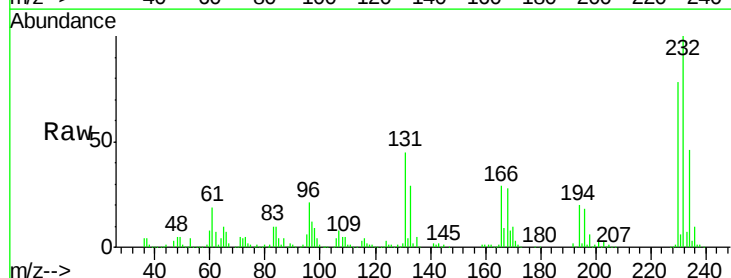
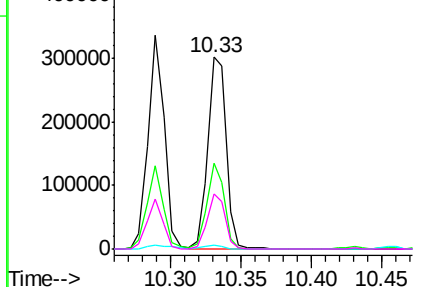
166 28.2 27.8 41.6

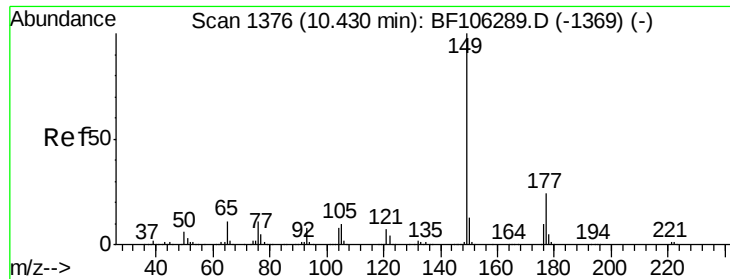
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





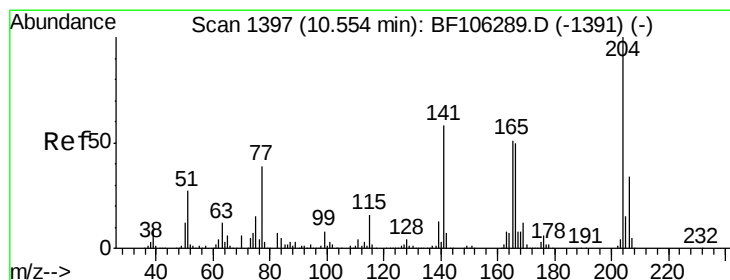
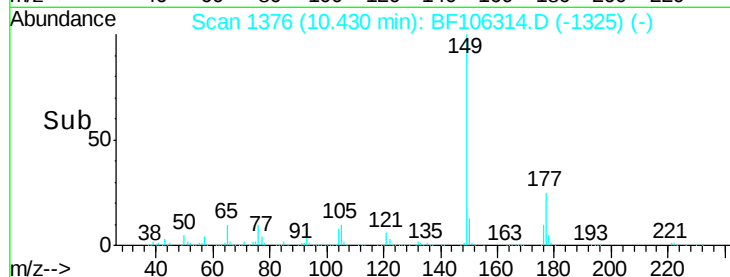
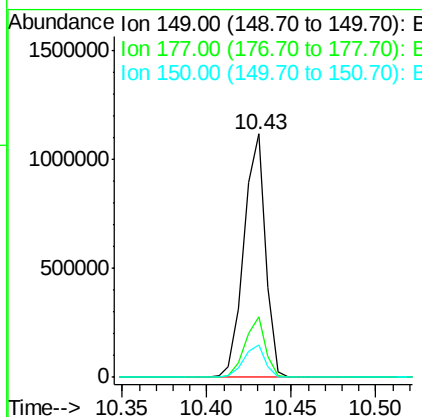
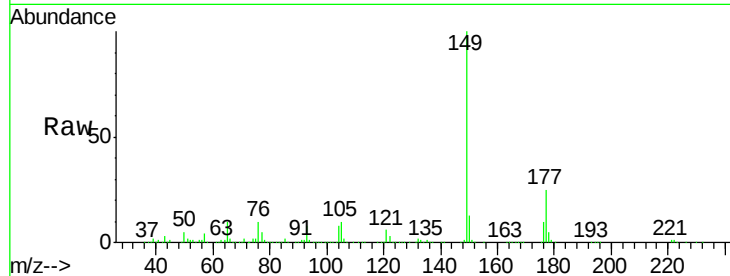
#59
Diethylphthalate
Concen: 40.382 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	16.1	24.1#
150	13.5	10.1	15.1

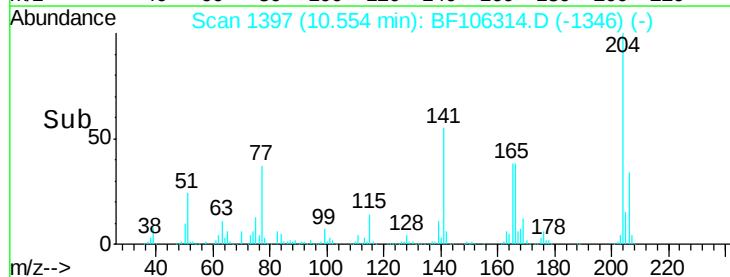
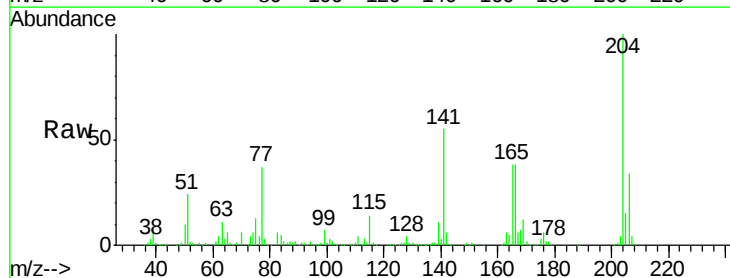
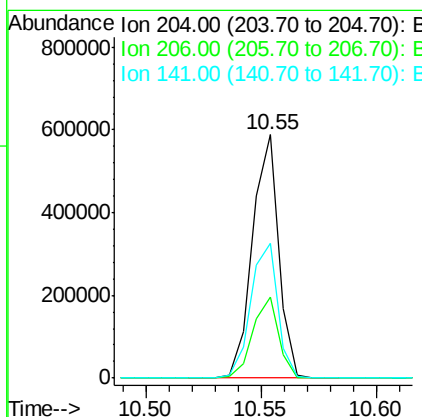
Manual Integrations
APPROVED

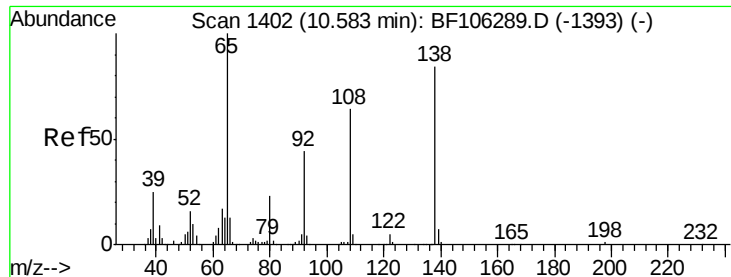
Sohil
6/12/2018 12:58:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.087 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	55.2	54.6	81.8





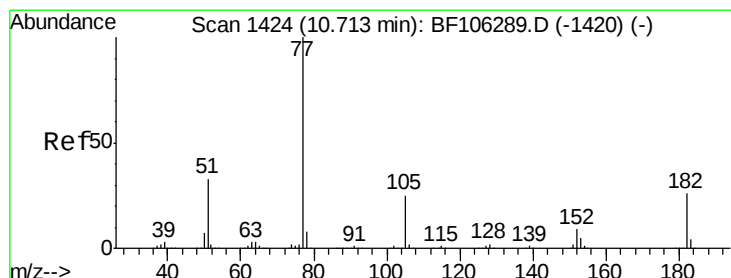
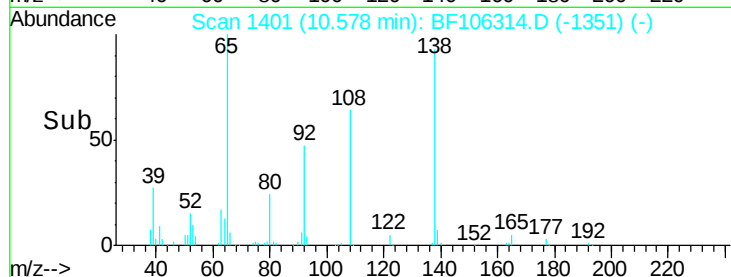
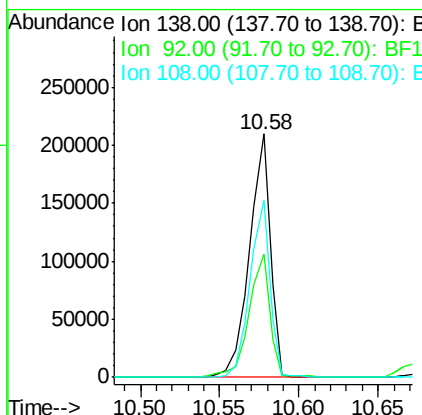
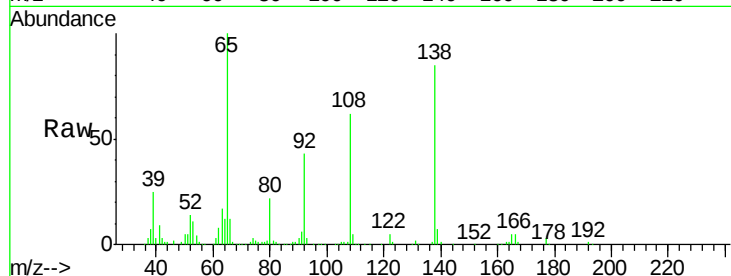
#61
4-Nitroaniline
Concen: 32.822 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.2	70.2
108	72.6	52.5	92.5

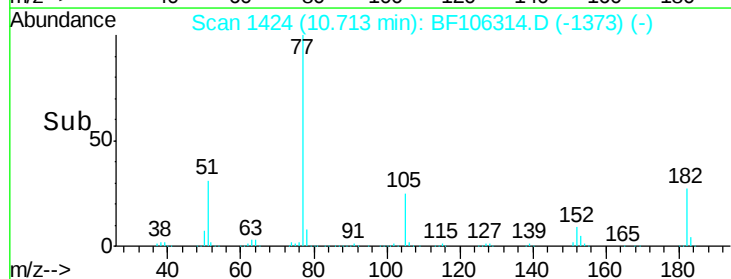
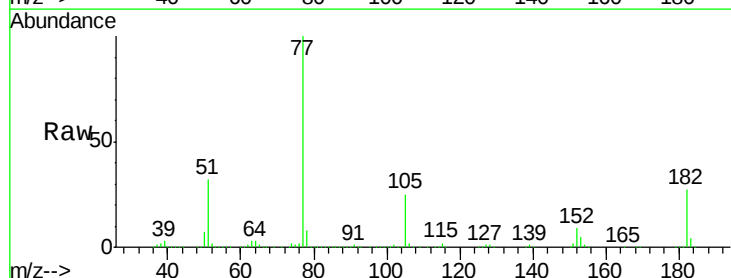
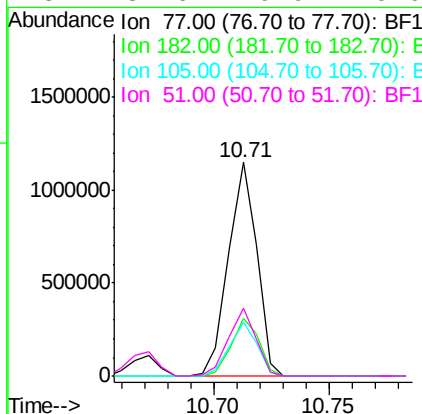
Manual Integrations
APPROVED

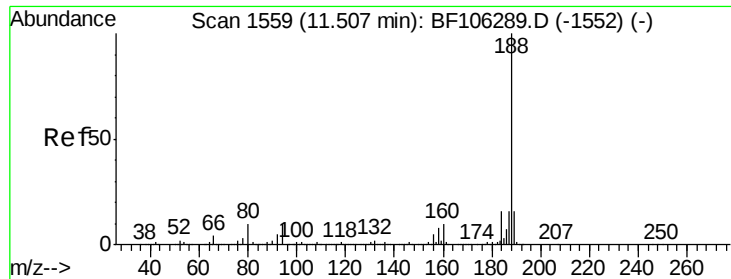
Sohil
6/12/2018 12:58:36 PM



#62
Azobenzene
Concen: 38.383 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	1.7	41.7
105	25.2	3.0	43.0
51	31.6	9.9	49.9





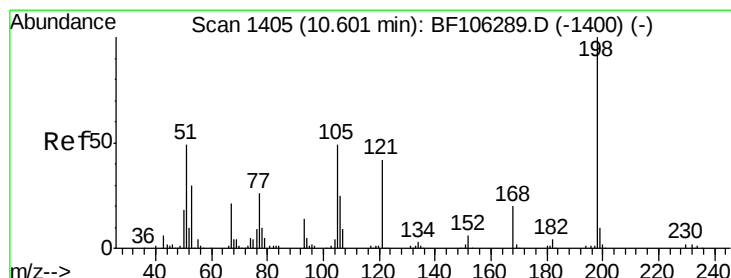
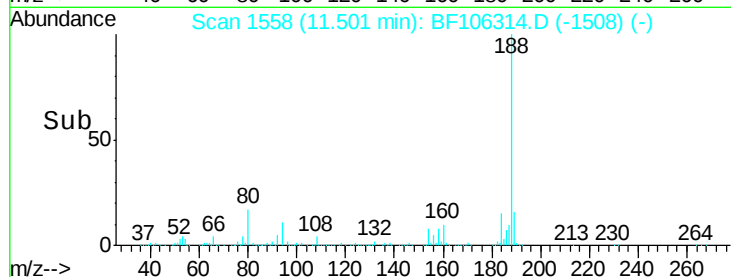
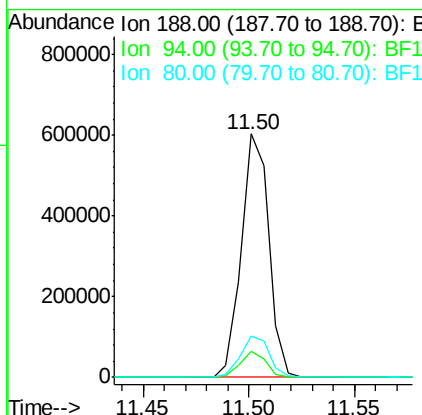
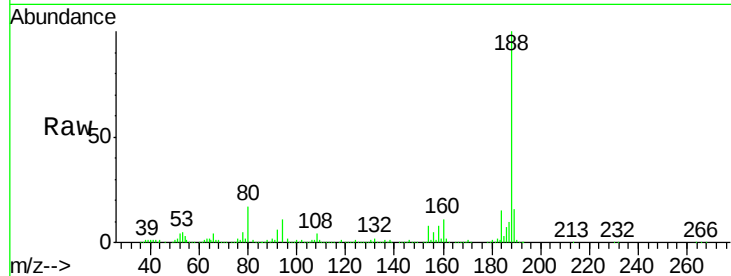
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	8.5	12.7
80	17.1	9.2	13.8

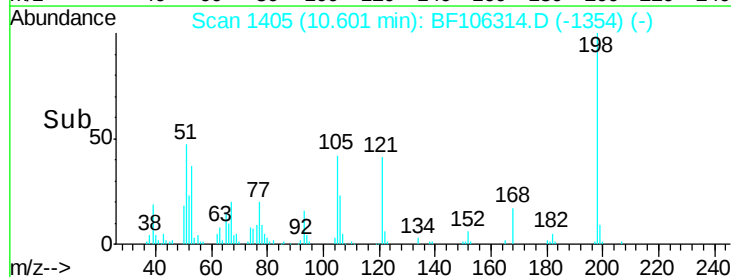
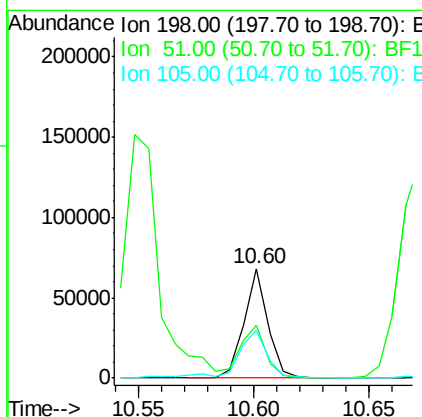
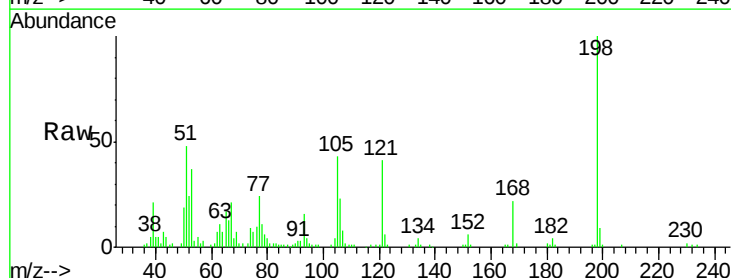
Manual Integrations
APPROVED

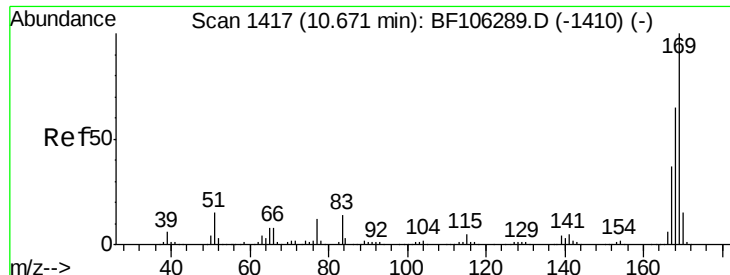
Sohil
6/12/2018 12:58:36 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.891 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.0	37.7	77.7
105	43.4	36.3	76.3





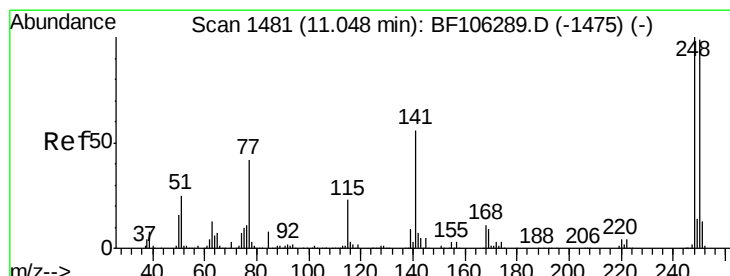
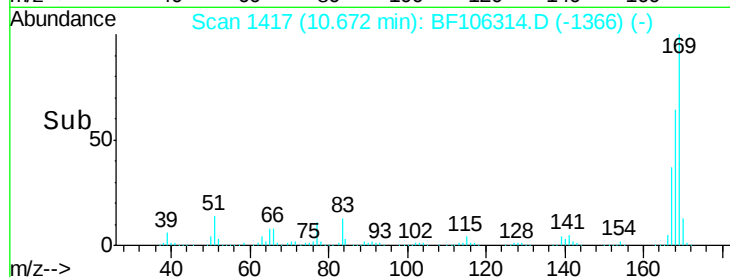
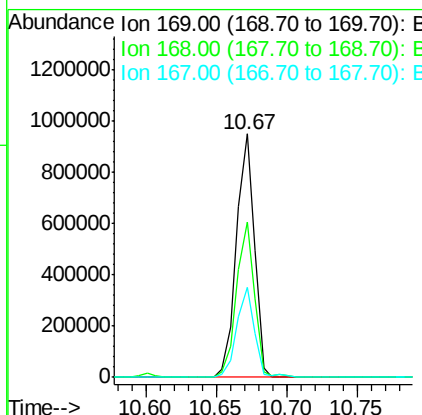
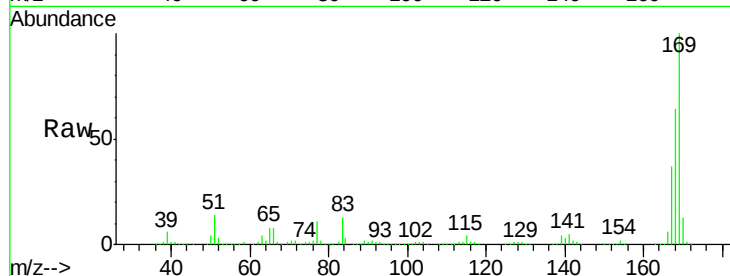
#65
 n-Nitrosodiphenylamine
 Concen: 46.323 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		841649		
168	63.8	54.4	81.6		
167	36.8	29.8	44.6		

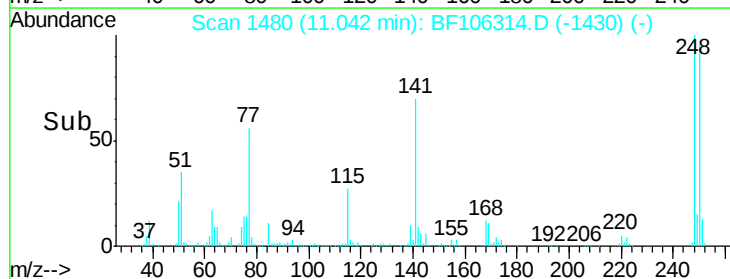
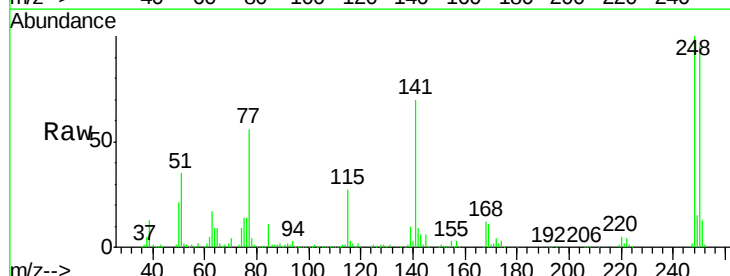
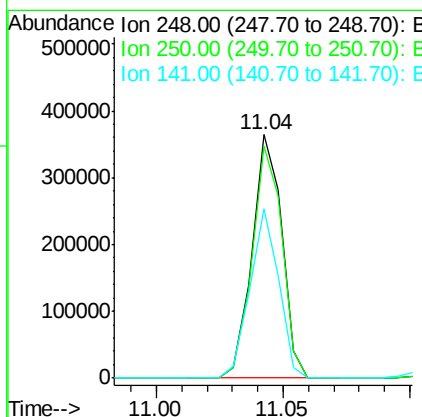
Manual Integrations
 APPROVED

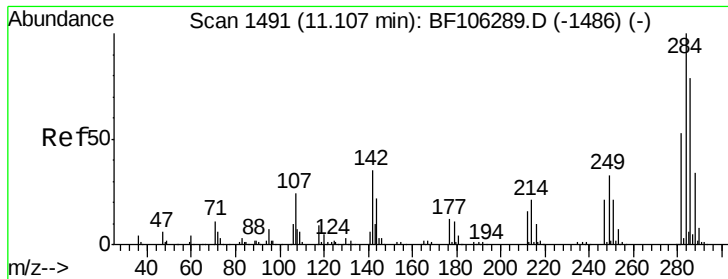
Sohil
 6/12/2018 12:58:36 PM



#66
 4-Bromophenyl-phenylether
 Concen: 48.427 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		297767		
250	95.3	76.9	115.3		
141	69.5	74.4	111.6		





#67

Hexachlorobenzene

Concen: 44.644 ng

RT: 11.11 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

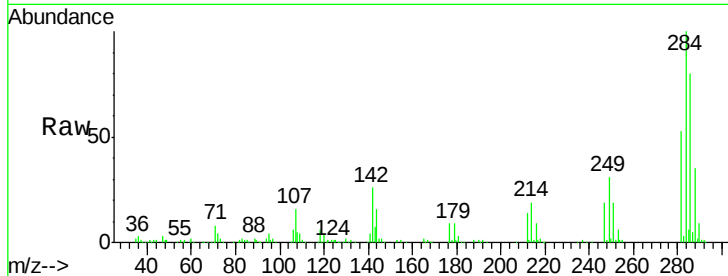
ClientSampleId :

SP-1MS

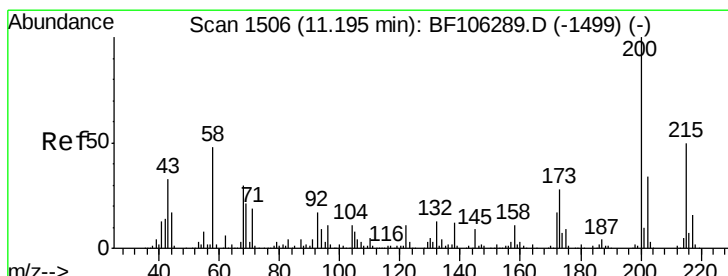
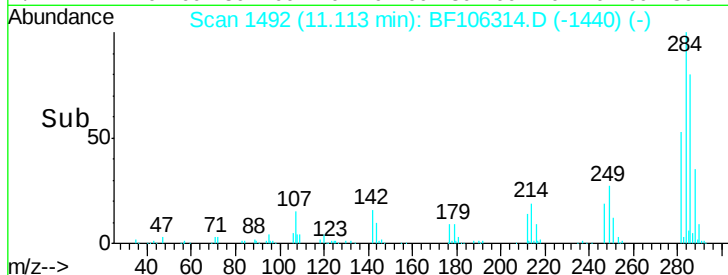
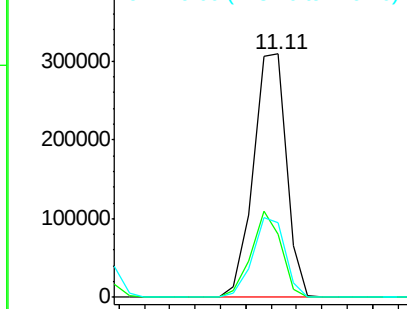
Tot Ion:	284	Resp:	283005
Ion Ratio	Lower	Upper	
284	100		
142	26.1	34.6	52.0#
249	30.7	24.8	37.2

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.357 ng

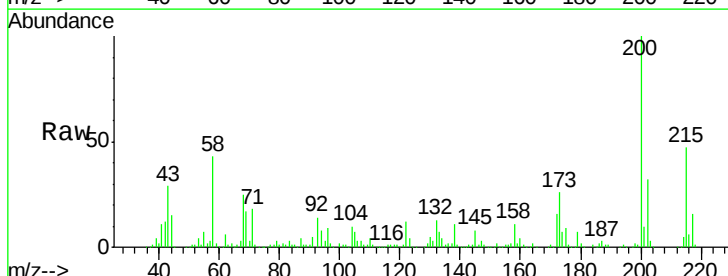
RT: 11.20 min Scan# 1506

Delta R.T. 0.00 min

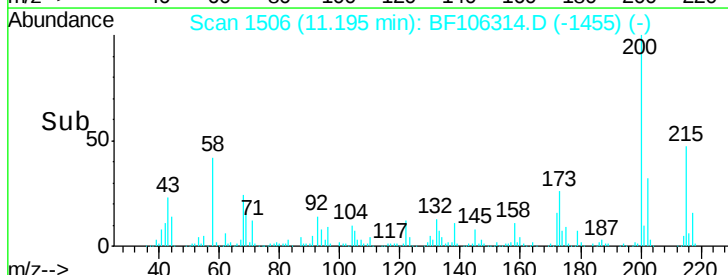
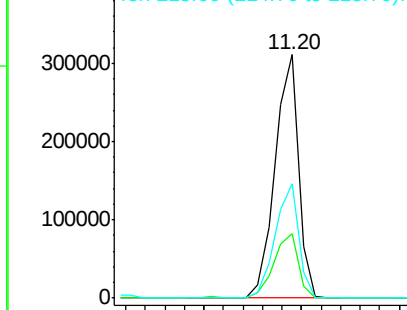
Lab File: BF106314.D

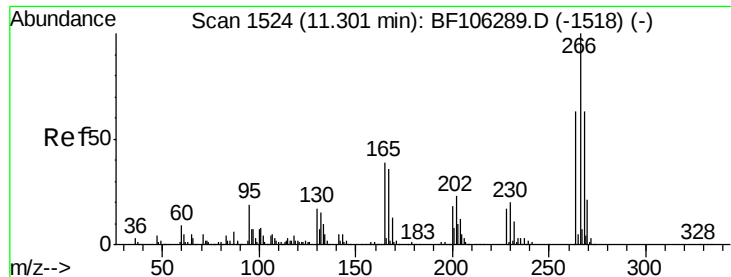
Acq: 12 Jun 2018 00:02

Tgt Ion:	200	Resp:	259564
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.6	48.6
215	47.2	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





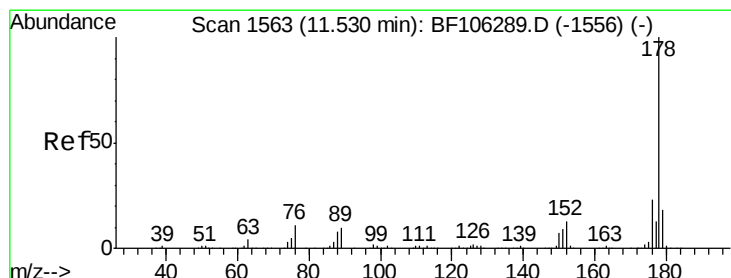
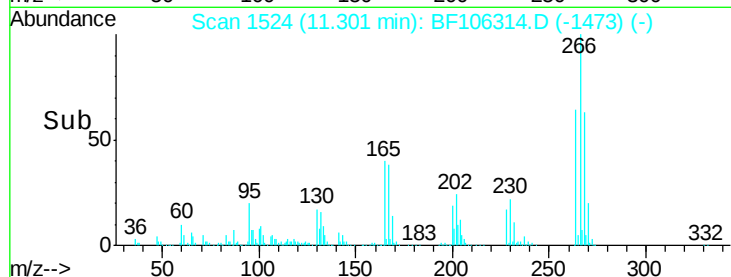
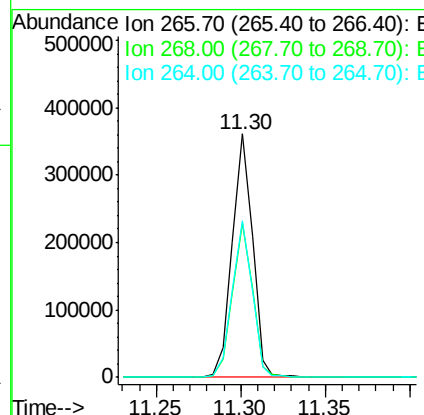
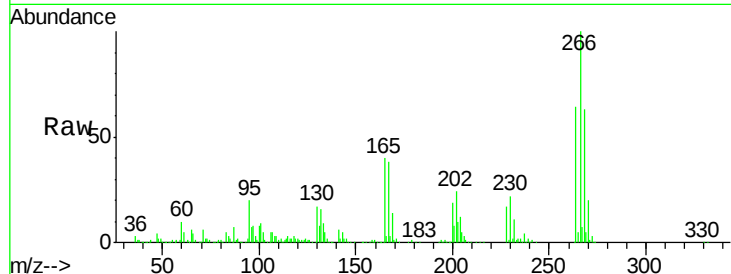
#69
 Pentachlorophenol
 Concen: 77.479 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampled :
 SP-1MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	64.2	49.5	74.3

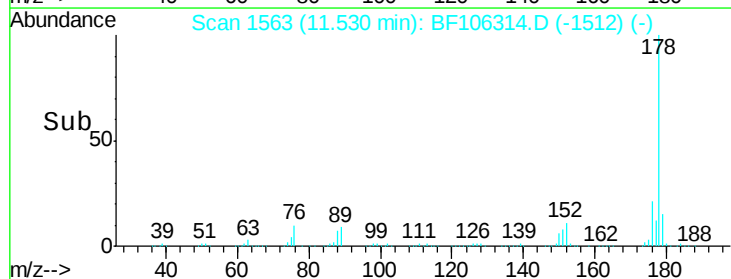
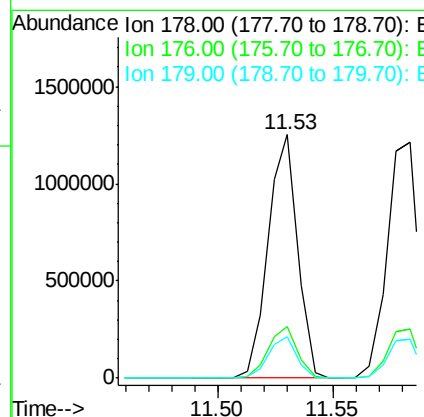
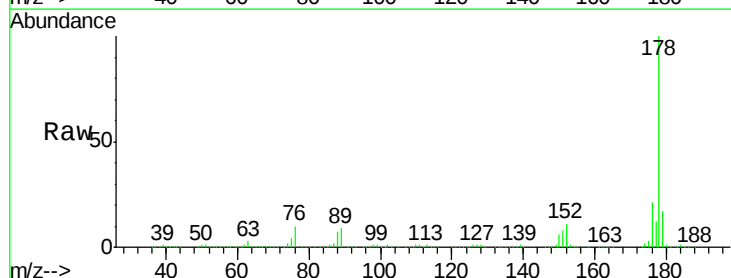
Manual Integrations
 APPROVED

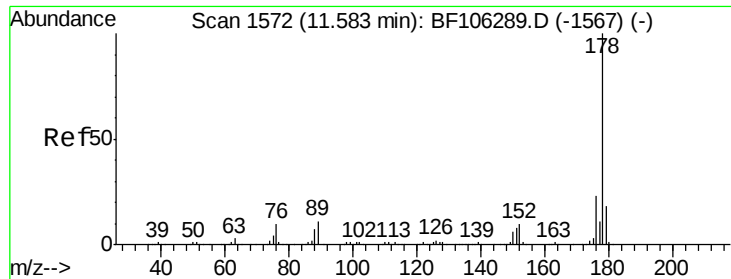
Sohil
 6/12/2018 12:58:36 PM



#70
 Phenanthrene
 Concen: 41.955 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.8	23.8
179	16.8	13.0	19.6





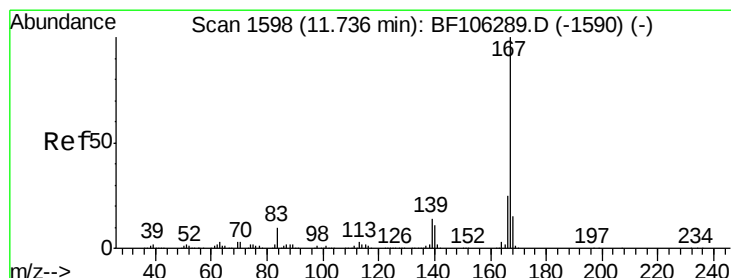
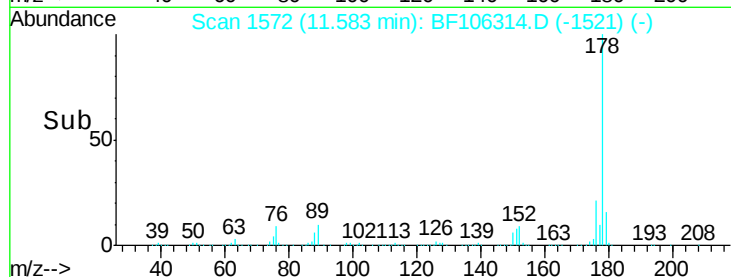
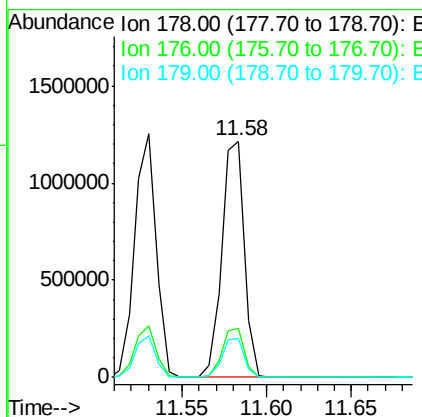
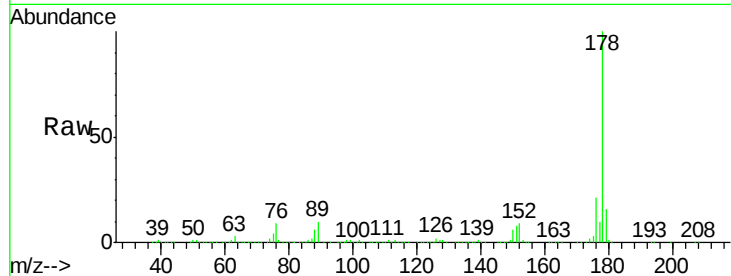
#71
 Anthracene
 Concen: 42.420 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.4	23.2
179	16.5	12.6	19.0

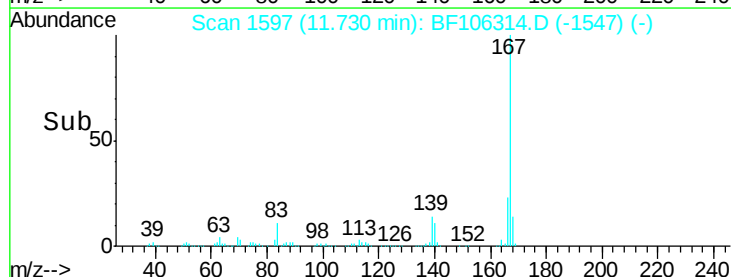
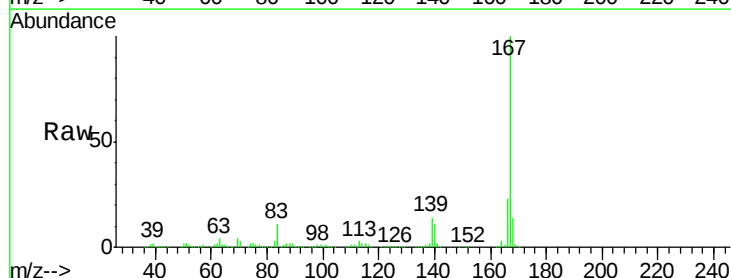
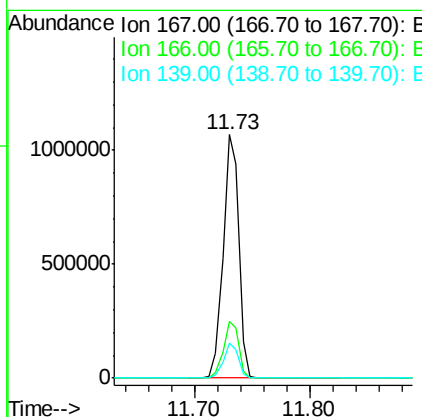
Manual Integrations
 APPROVED

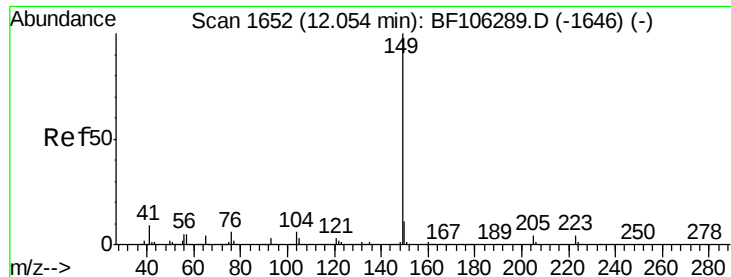
Sohil
 6/12/2018 12:58:36 PM



#72
 Carbazole
 Concen: 40.753 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.6	26.4
139	14.2	10.9	16.3





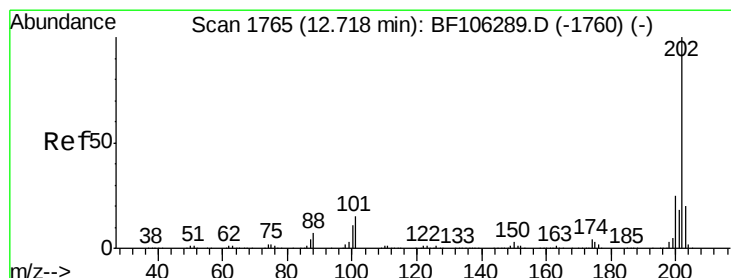
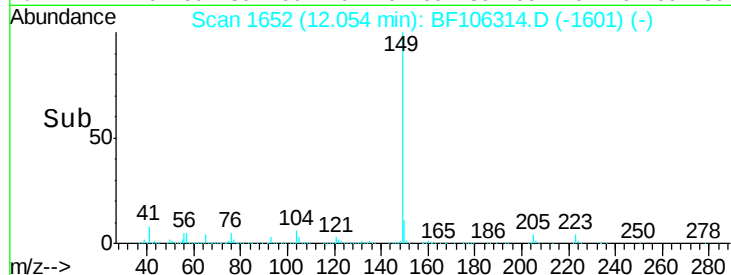
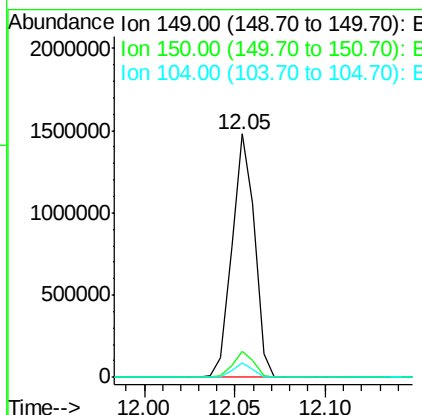
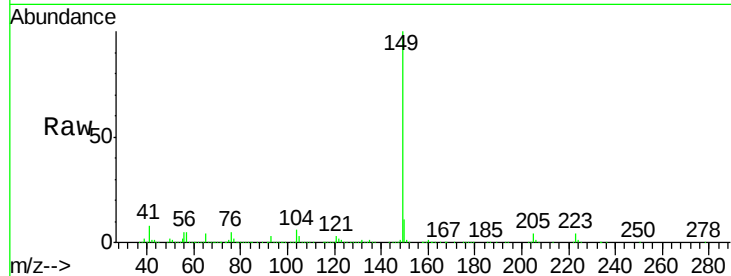
#73
Di-n-butylphthalate
Concen: 46.786 ng
RT: 12.05 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:149 Resp: 1275064
Ion Ratio Lower Upper
149 100
150 10.8 7.8 11.6
104 5.7 3.8 5.8

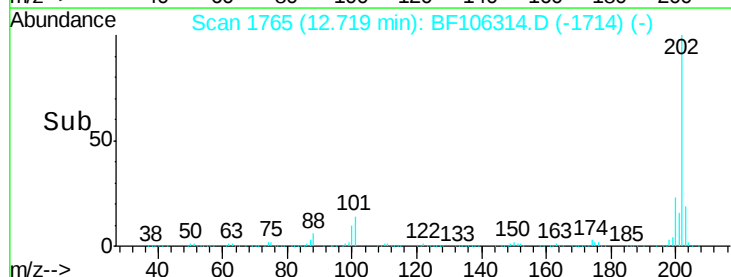
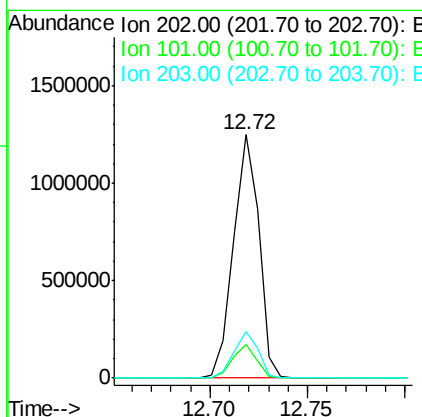
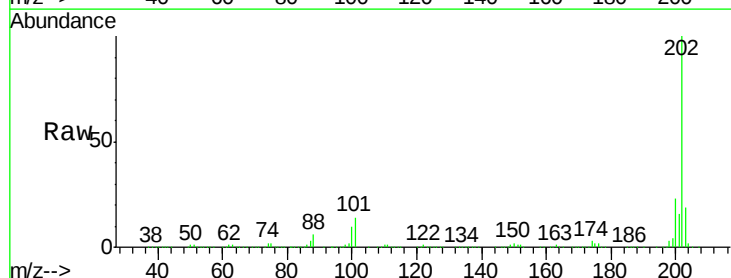
Manual Integrations
APPROVED

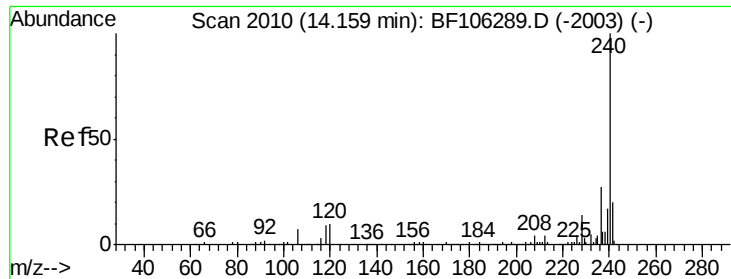
Sohil
6/12/2018 12:58:36 PM



#74
Fluoranthene
Concen: 39.748 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:202 Resp: 1122300
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.1
203 19.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

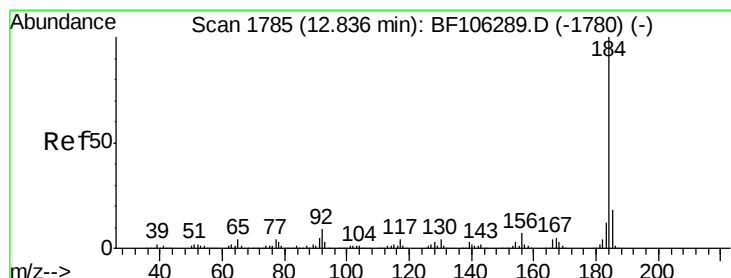
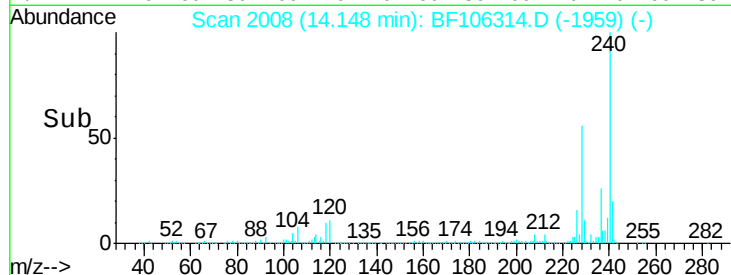
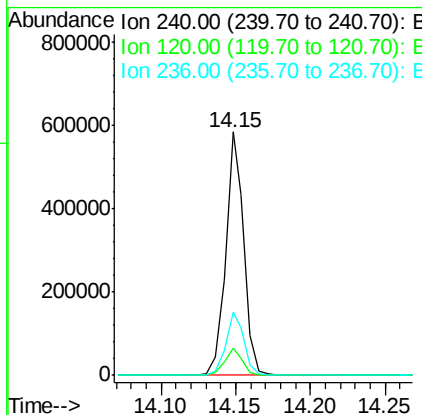
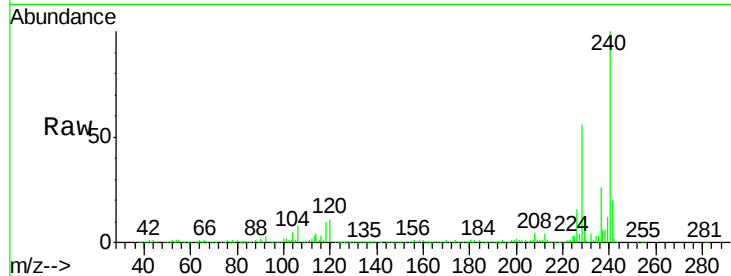
ClientSampleId :

SP-1MS

Tot Ion:	240	Resp:	499773
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



#76

Benzidine

Concen: 52.115 ng

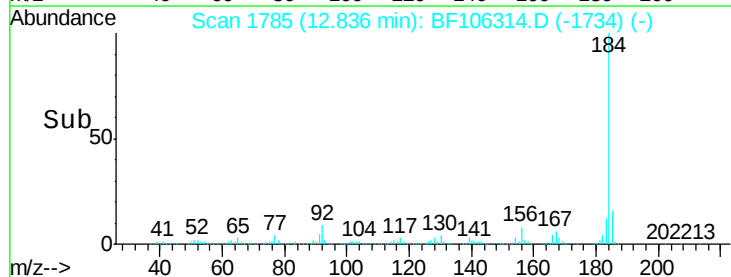
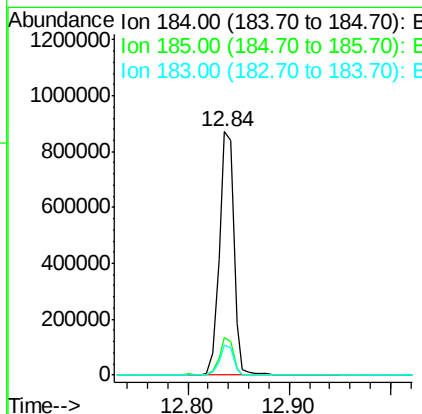
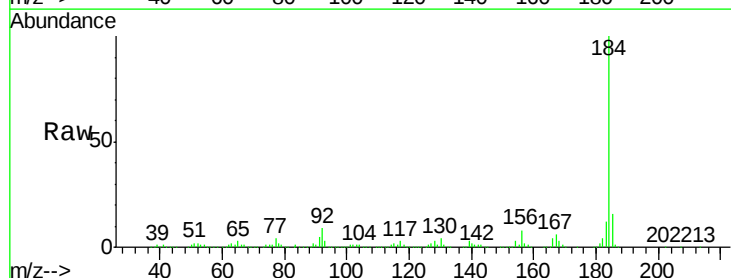
RT: 12.84 min Scan# 1785

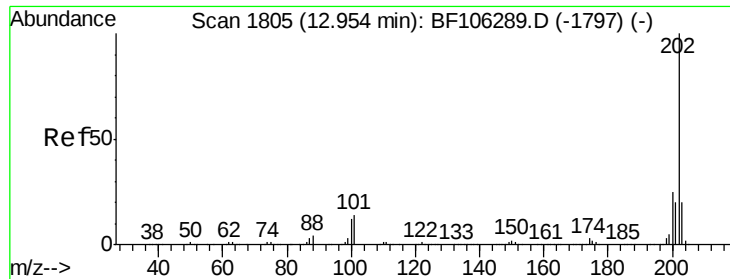
Delta R.T. 0.00 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion:	184	Resp:	866831
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	12.1	9.3	13.9





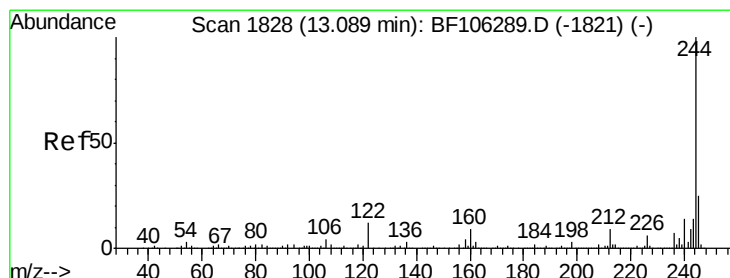
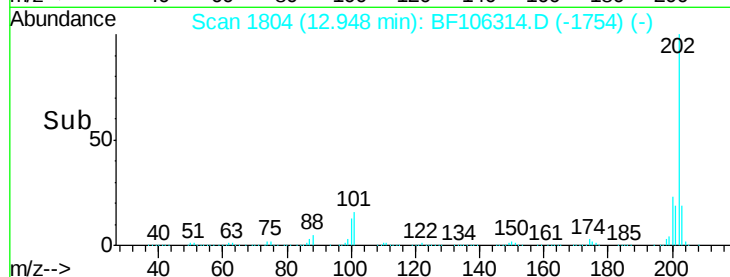
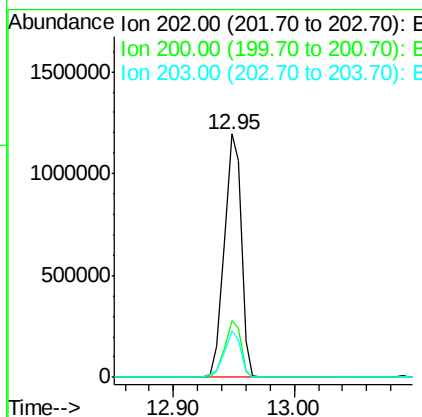
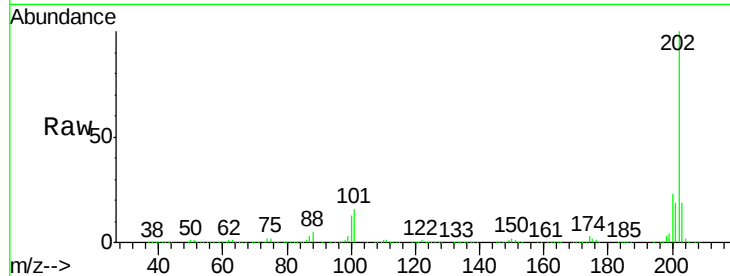
#77
Pvrene
Concen: 37.123 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:202 Resp: 1161544
Ion Ratio Lower Upper
202 100
200 23.3 17.4 26.2
203 19.1 14.3 21.5

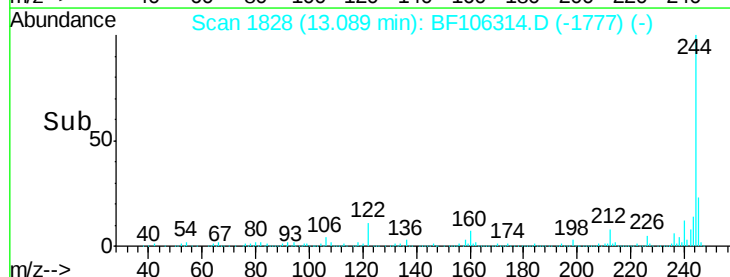
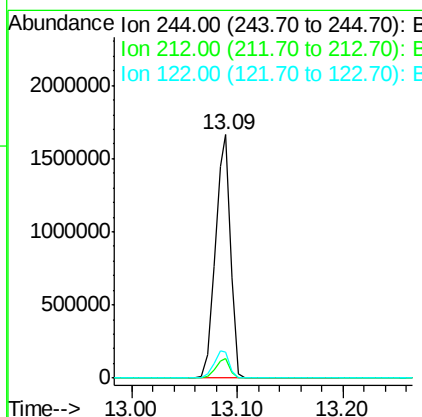
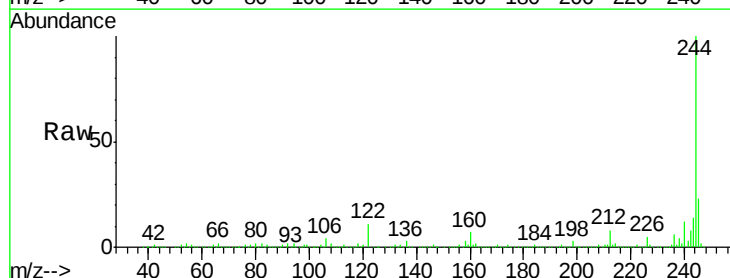
Manual Integrations
APPROVED

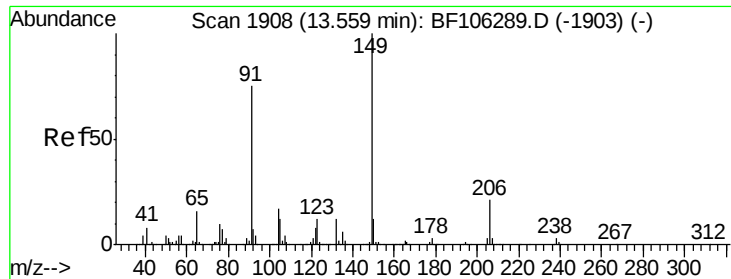
Sohil
6/12/2018 12:58:36 PM



#78
Terphenyl-d14
Concen: 83.990 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:244 Resp: 1690002
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.0
122 10.9 11.0 16.4#





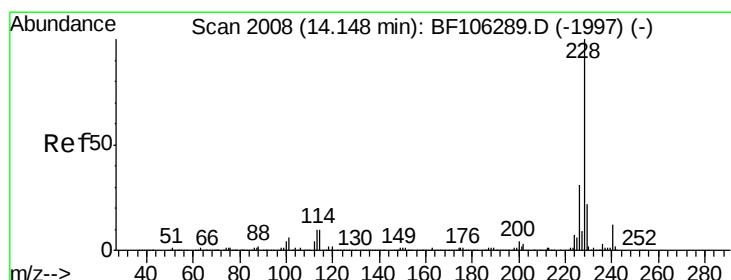
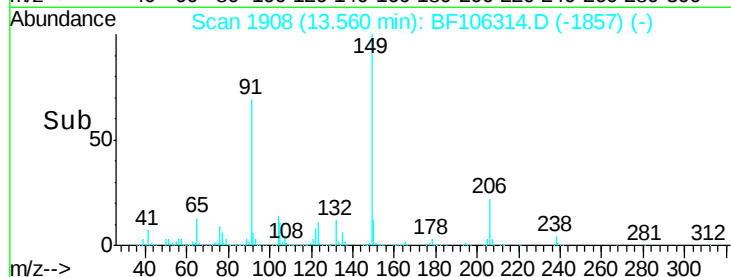
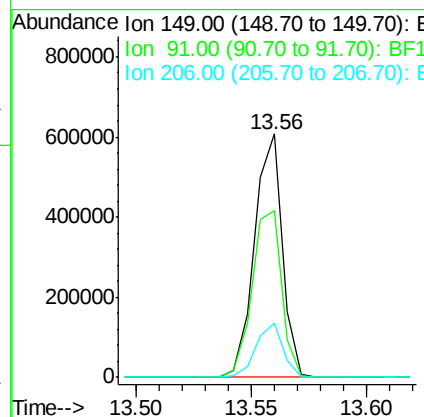
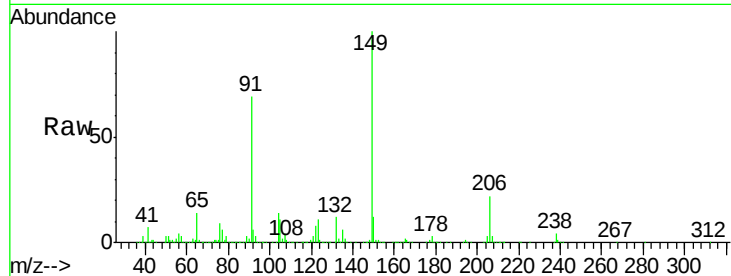
#79
Butylbenzylphthalate
Concen: 43.777 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.7	56.8	85.2
206	22.4	14.1	21.1

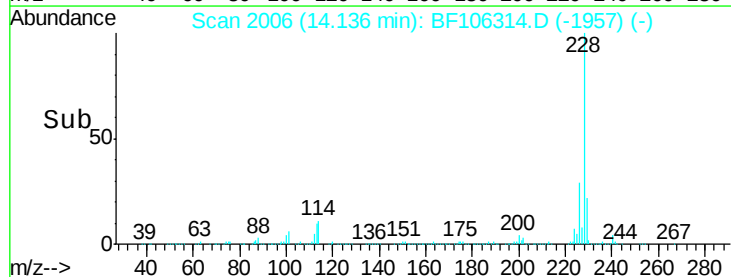
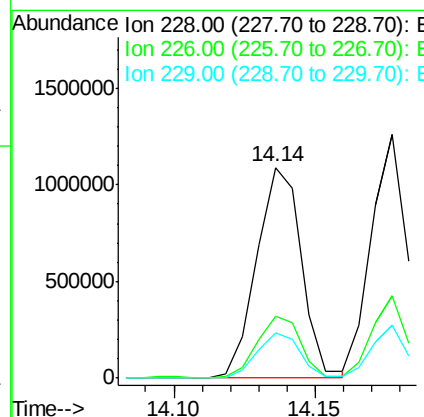
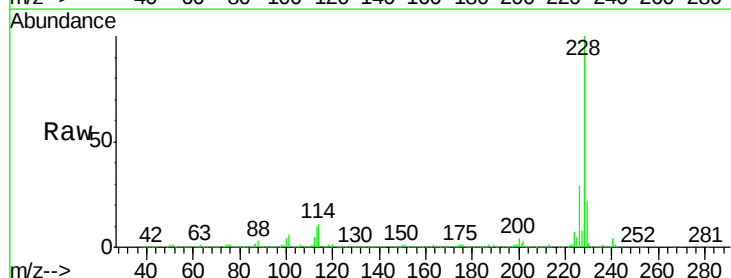
Manual Integrations
APPROVED

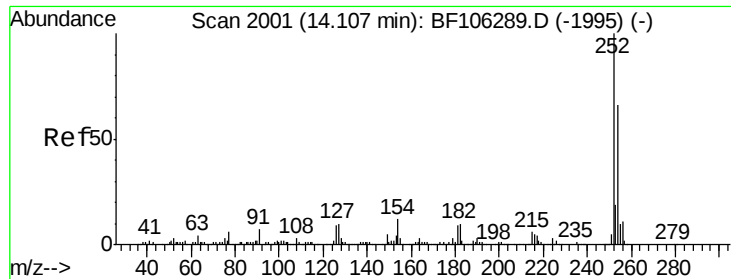
Sohil
6/12/2018 12:58:36 PM



#80
Benzo(a)anthracene
Concen: 40.330 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.6	15.8	23.6





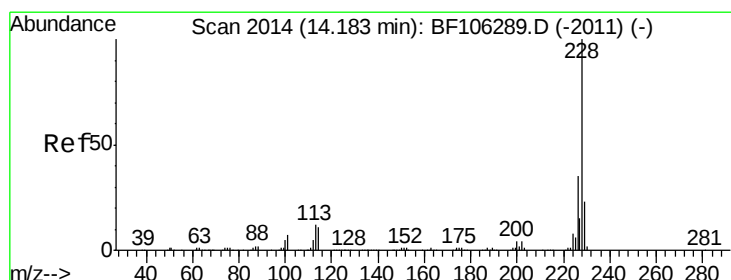
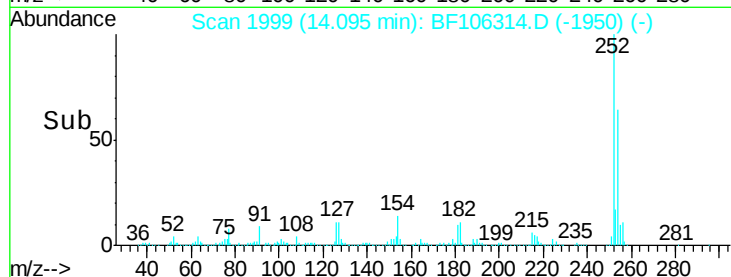
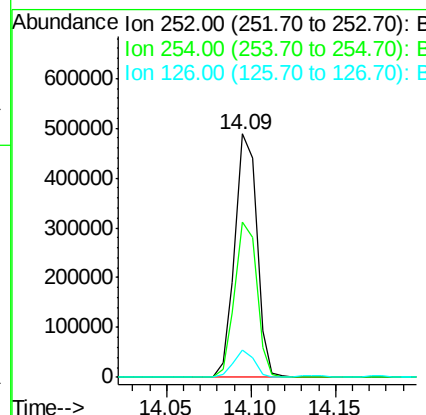
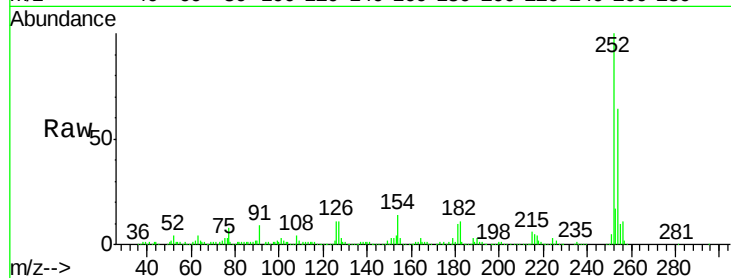
#81
 3,3'-Dichlorobenzidine
 Concen: 44.282 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	11.1	11.3	16.9

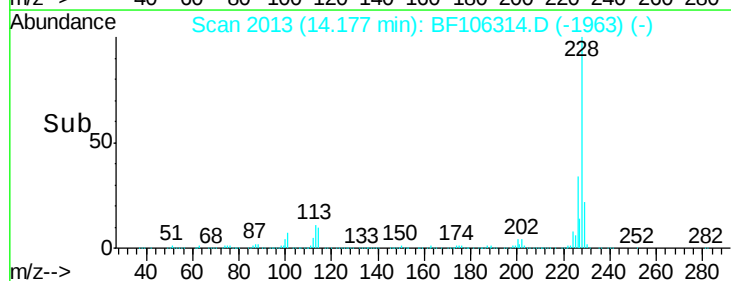
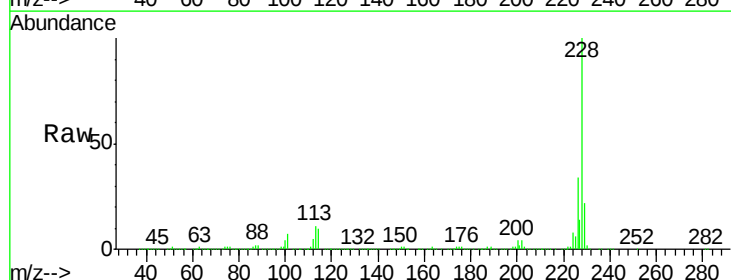
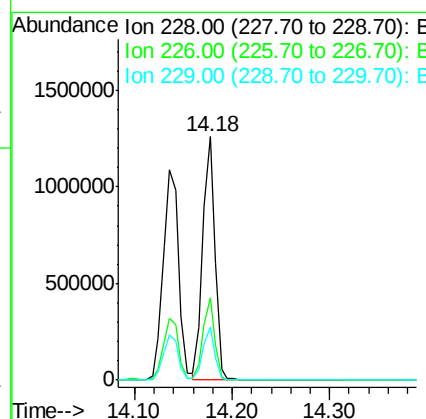
Manual Integrations
 APPROVED

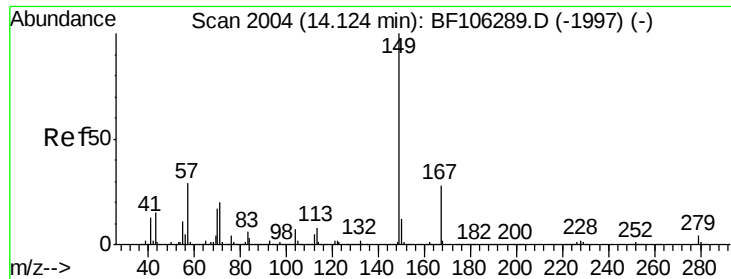
Sohil
 6/12/2018 12:58:36 PM



#82
 Chrysene
 Concen: 40.628 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.0	37.6
229	21.6	16.2	24.4





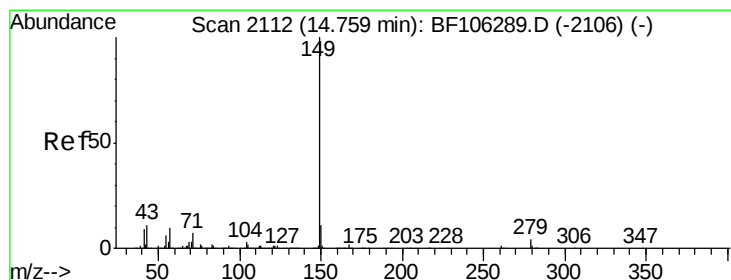
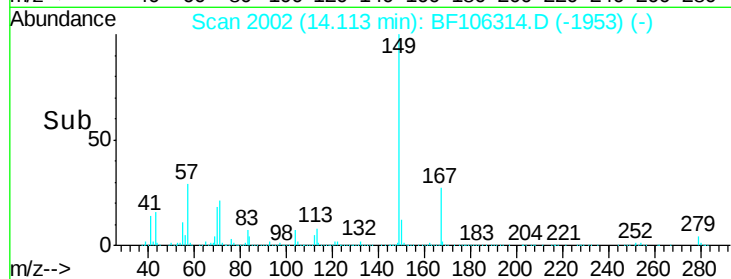
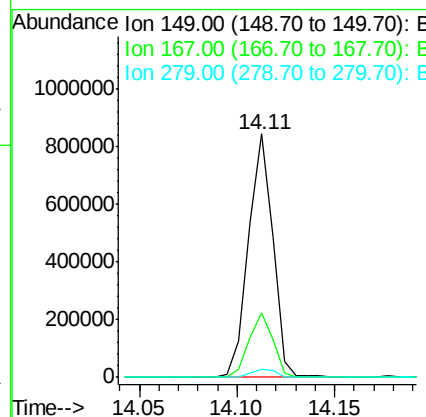
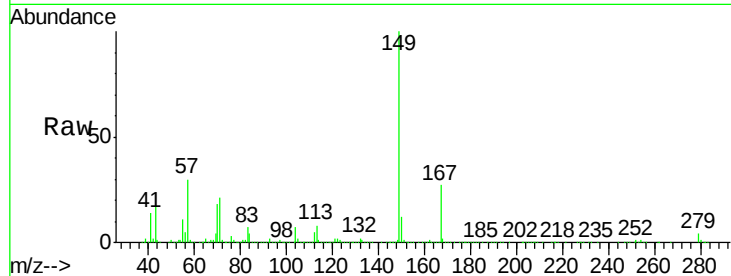
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.622 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.6	3.0	4.4

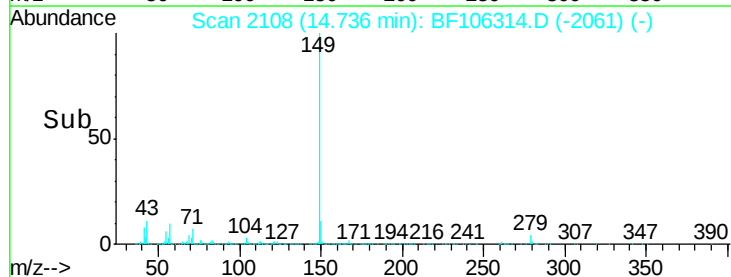
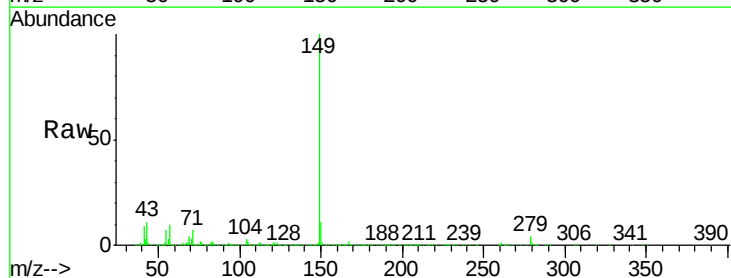
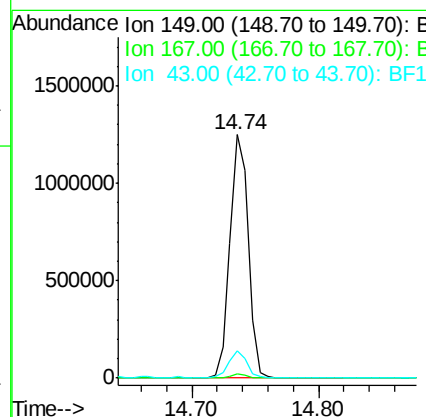
Manual Integrations
 APPROVED

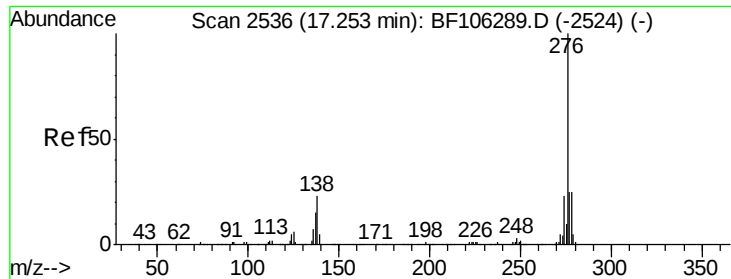
Sohil
 6/12/2018 12:58:36 PM



#84
 Di-n-octyl phthalate
 Concen: 51.338 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.6	8.4	12.6





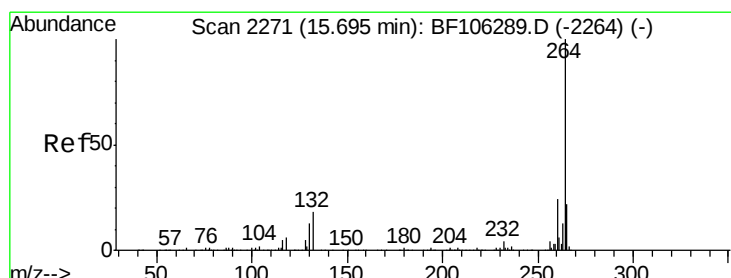
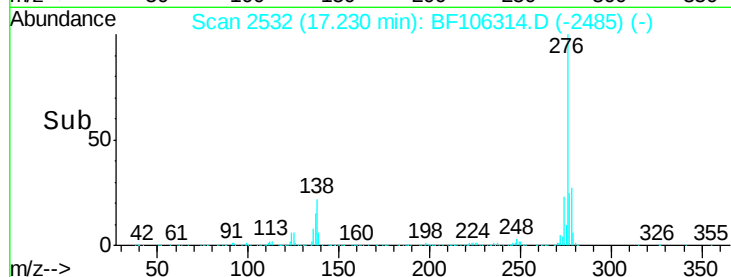
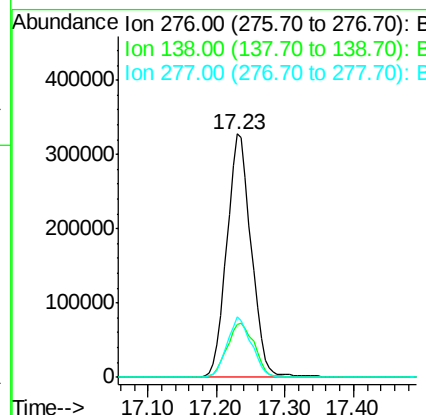
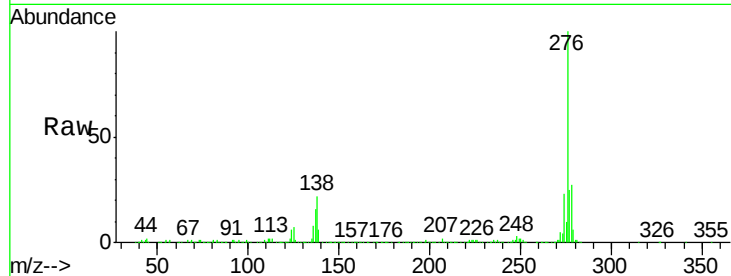
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.417 ng
RT: 17.23 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.0	37.6#
277	24.8	20.1	30.1

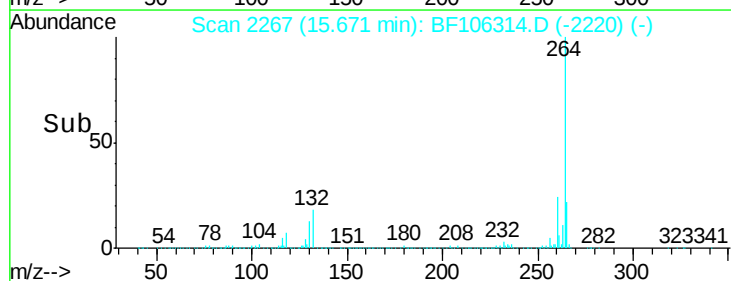
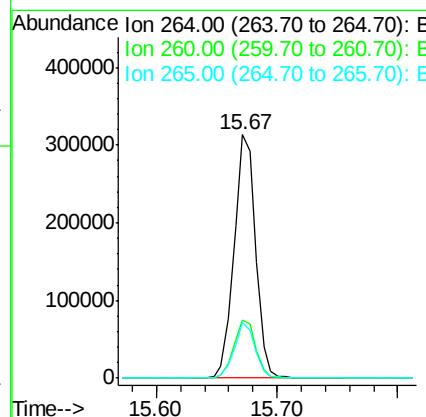
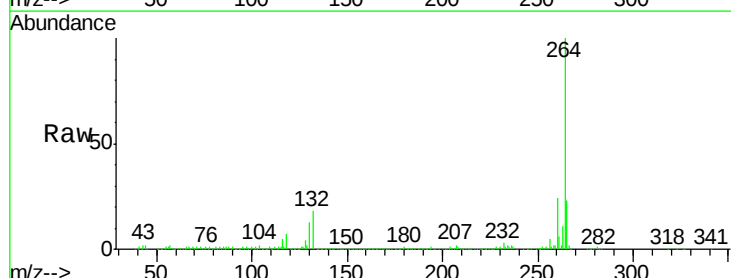
Manual Integrations
APPROVED

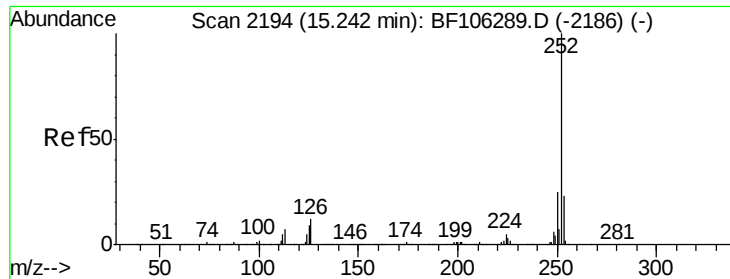
Sohil
6/12/2018 12:58:36 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.6	17.5	26.3





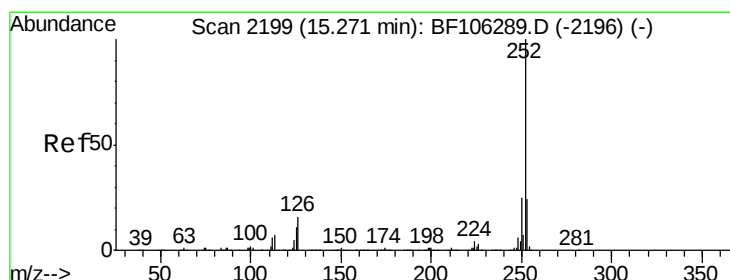
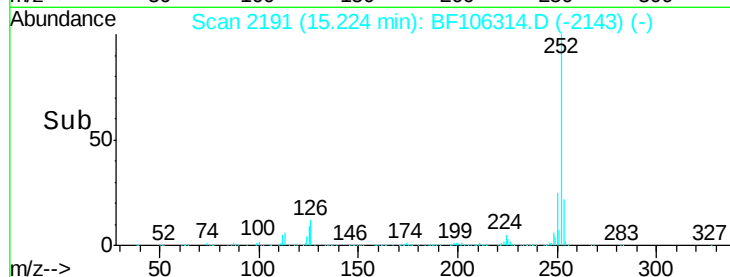
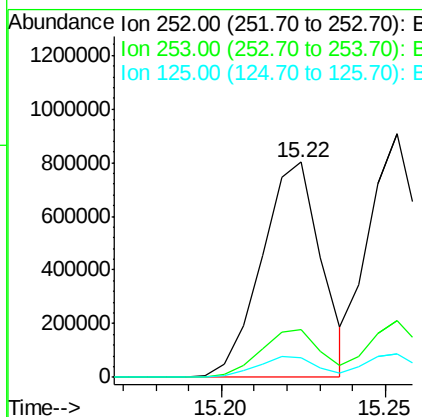
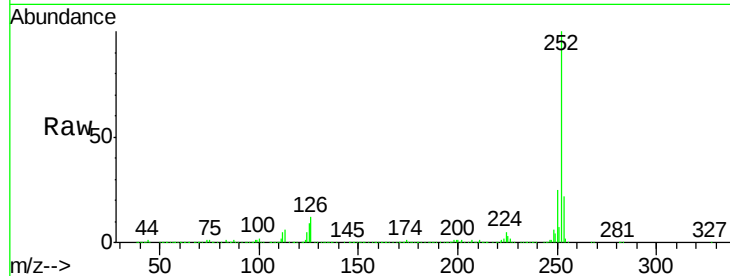
#87
Benzo(b)fluoranthene
Concen: 42.982 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:252 Resp: 1013738
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 8.9 9.0 13.6#

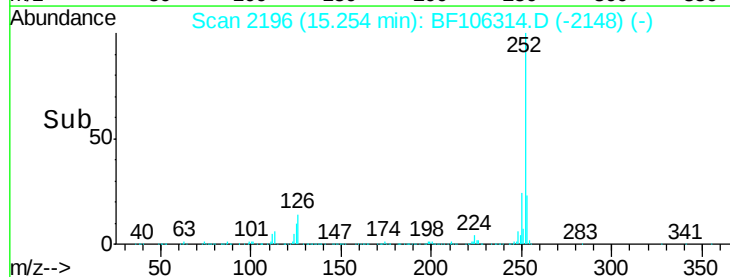
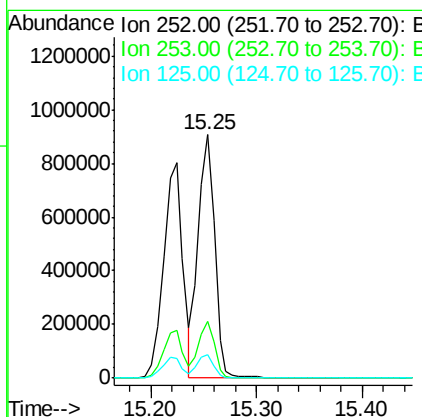
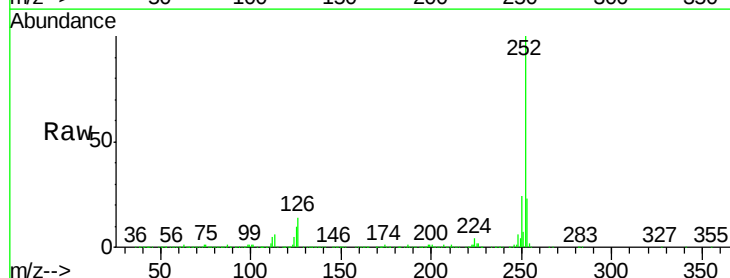
Manual Integrations
APPROVED

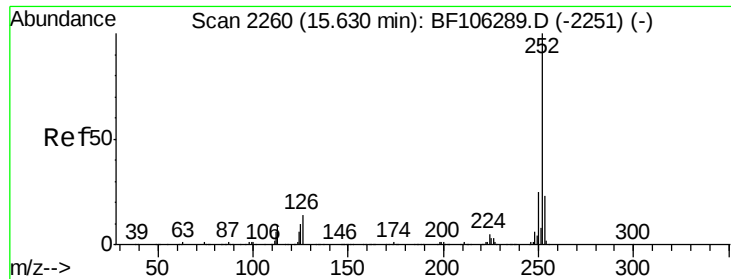
Sohil
6/12/2018 12:58:36 PM



#88
Benzo(k)fluoranthene
Concen: 41.944 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF106314.D
Acq: 12 Jun 2018 00:02

Tgt Ion:252 Resp: 979741
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 9.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 43.238 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Instrument :

BNA_F

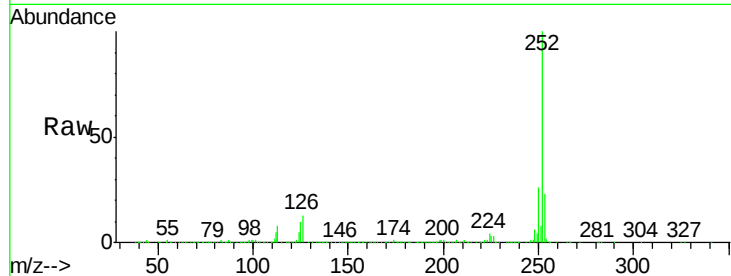
ClientSampleId :

SP-1MS

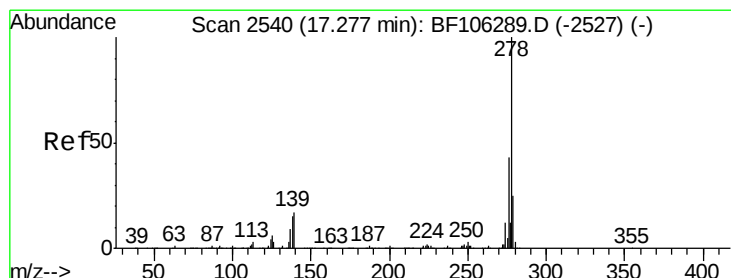
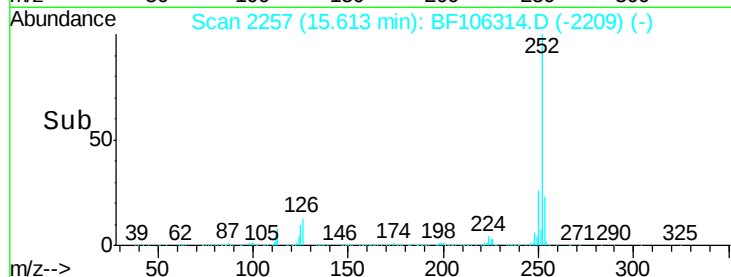
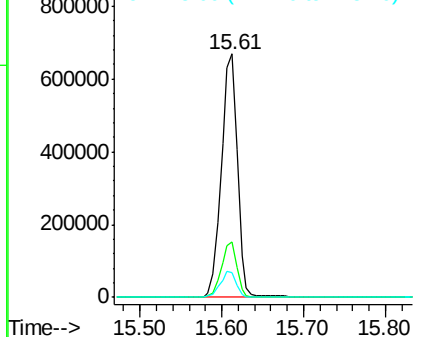
Tot Ion:	252	Resp:	917247
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
6/12/2018 12:58:36 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.460 ng

RT: 17.25 min Scan# 2536

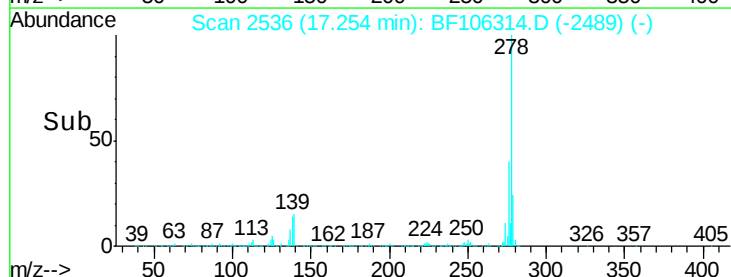
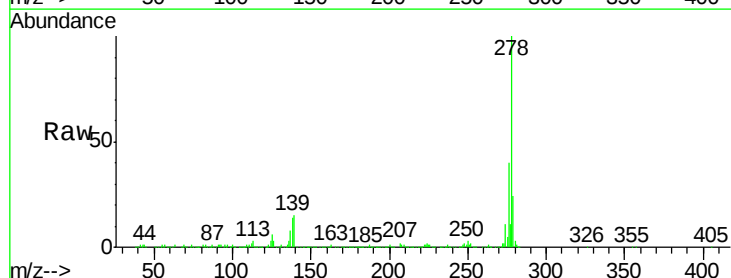
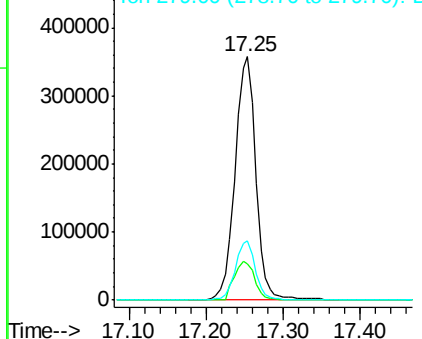
Delta R.T. -0.02 min

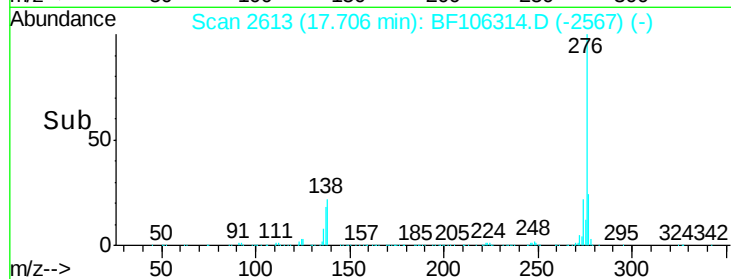
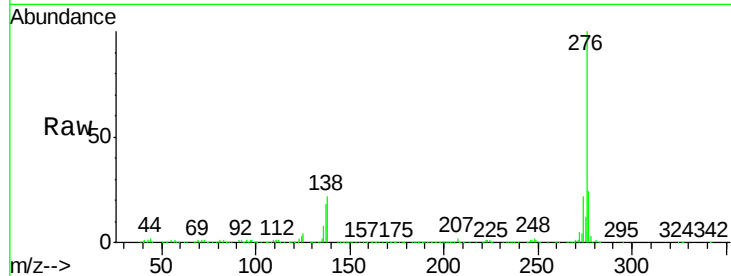
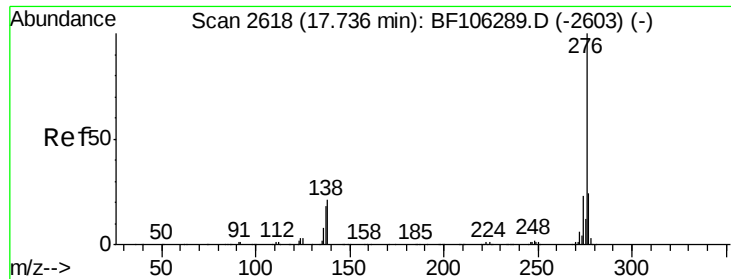
Lab File: BF106314.D

Acq: 12 Jun 2018 00:02

Tgt Ion:	278	Resp:	680211
Ion Ratio		Lower	Upper
278	100		
139	14.7	15.9	23.9#
279	24.2	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.762 ng
 RT: 17.71 min Scan# 2613
 Delta R.T. -0.03 min
 Lab File: BF106314.D
 Acq: 12 Jun 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	22.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:36 PM

