

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101686.D
 Acq On : 23 Dec 2017 7:14
 Operator : SJ/JU
 Sample : I6827-18MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Manual Integrations
 APPROVED

Sohil
 12/26/2017 1:37:43 PM

Quant Time: Dec 26 10:44:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	160563	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	473767	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	285360	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	501160	20.00	ng	0.00
75) Chrysene-d12	13.97	240	325957	20.00	ng	0.00
86) Perylene-d12	15.43	264	307993	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1523089m	141.30	ng	0.03
7) Phenol-d6	6.49	99	1486021	110.77	ng	0.05
23) Nitrobenzene-d5	7.37	82	1095257	128.69	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	373159	135.71	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1635308	88.90	ng	0.00
78) Terphenyl-d14	12.90	244	1490538	110.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	186480	33.669	ng	# 79
3) Pyridine	3.45	79	492669	32.015	ng	98
4) n-Nitrosodimethylamine	3.40	42	282852	39.921	ng	# 96
6) Aniline	6.47	93	172926	9.276	ng	# 1
8) 2-Chlorophenol	6.60	128	465780	41.078	ng	97
9) Benzaldehyde	6.35	77	239138	24.138	ng	96
10) Phenol	6.50	94	1977779	129.352	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	534162	44.538	ng	95
12) 1,3-Dichlorobenzene	6.73	146	528821	41.323	ng	98
13) 1,4-Dichlorobenzene	6.80	146	531846	40.697	ng	99
14) 1,2-Dichlorobenzene	6.96	146	438213	37.253	ng	98
15) Benzyl Alcohol	6.96	79	399860	43.305	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	634447	34.565	ng	# 29
17) 2-Methylphenol	7.07	107	967251	92.736	ng	97
18) Hexachloroethane	7.29	117	183172	40.314	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	312765	35.502	ng	96
20) 3+4-Methylphenols	7.23	107	1950993	176.518	ng	89
22) Acetophenone	7.21	105	672710	62.229	ng	# 91
24) Nitrobenzene	7.39	77	554663	58.885	ng	98
25) Isophorone	7.64	82	1043273	61.105	ng	100
26) 2-Nitrophenol	7.70	139	270971	66.960	ng	99
27) 2,4-Dimethylphenol	7.75	122	1113566	161.976	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	668471	61.636	ng	99
29) 2,4-Dichlorophenol	7.96	162	423035	62.283	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	452529	63.134	ng	97
31) Naphthalene	8.11	128	7389373	309.812	ng	98
32) Benzoic acid	7.89	122	1097986m	205.677	ng	
33) 4-Chloroaniline	8.16	127	57589	5.555	ng	# 75
34) Hexachlorobutadiene	8.20	225	241742	58.313	ng	98
35) Caprolactam	8.56	113	125303	53.130	ng	90
36) 4-Chloro-3-methylphenol	8.67	107	450969	60.409	ng	96
37) 2-Methylnaphthalene	8.79	142	1295746	83.384	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	437951	45.457	ng	98
40) Hexachlorocyclopentadiene	8.93	237	33312	31.148	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101686.D
 Acq On : 23 Dec 2017 7:14
 Operator : SJ/JU
 Sample : I6827-18MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

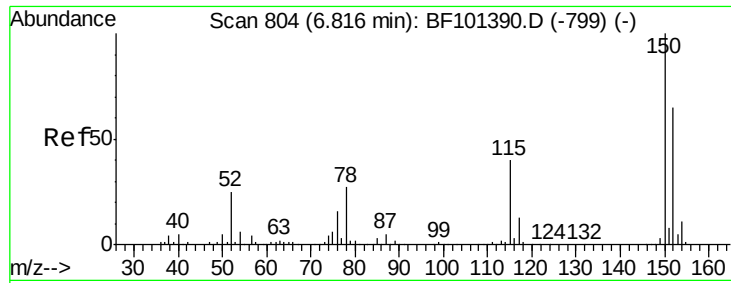
Manual Integrations
 APPROVED

Sohil
 12/26/2017 1:37:43 PM

Quant Time: Dec 26 10:44:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	276835	47.728	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	237767	37.438	ng	96
45) 1,1'-Biphenyl	9.25	154	1172305	46.323	ng	98
46) 2-Chloronaphthalene	9.28	162	822277	42.464	ng	97
47) 2-Nitroaniline	9.39	65	307724	46.002	ng	87
48) Acenaphthylene	9.69	152	1652687	54.036	ng	99
49) Dimethylphthalate	9.56	163	931046	40.563	ng	99
50) 2,6-Dinitrotoluene	9.63	165	210993	45.228	ng	96
51) Acenaphthene	9.86	154	835331	45.459	ng	99
52) 3-Nitroaniline	9.80	138	75673	13.011	ng	99
53) 2,4-Dinitrophenol	9.93	184	124752	77.195	ng	# 19
54) Dibenzofuran	10.04	168	1231085	52.719	ng	96
55) 4-Nitrophenol	10.00	139	149542m	58.965	ng	
56) 2,4-Dinitrotoluene	10.05	165	255873	48.682	ng	# 96
57) Fluorene	10.38	166	1042672	52.782	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	238296	52.225	ng	# 86
59) Diethylphthalate	10.25	149	944484	41.552	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	406879	42.976	ng	97
61) 4-Nitroaniline	10.43	138	227526	38.919	ng	95
62) Azobenzene	10.53	77	948726	40.291	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	89618	35.042	ng	93
65) n-Nitrosodiphenylamine	10.49	169	805219	43.513	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	263334	46.764	ng	# 87
67) Hexachlorobenzene	10.93	284	261276	43.839	ng	# 85
68) Atrazine	11.03	200	228458	41.404	ng	95
69) Pentachlorophenol	11.14	266	221279	94.207	ng	99
70) Phenanthrene	11.35	178	1395971	50.088	ng	99
71) Anthracene	11.40	178	1252807	44.006	ng	99
72) Carbazole	11.56	167	1715652	64.367	ng	98
73) Di-n-butylphthalate	11.87	149	1424811	44.042	ng	100
74) Fluoranthene	12.53	202	1180853	40.366	ng	100
76) Benzidine	12.66	184	51499	3.741	ng	99
77) Pyrene	12.77	202	1168287	47.757	ng	99
79) Butylbenzylphthalate	13.37	149	563550	50.913	ng	97
80) Benzo(a)anthracene	13.96	228	949380	44.109	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	239619	34.143	ng	# 96
82) Chrysene	14.00	228	900209	44.297	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	705937	50.352	ng	98
84) Di-n-octyl phthalate	14.53	149	1208437	48.331	ng	98
85) Indeno(1,2,3-cd)pyrene	16.91	276	784860	43.370	ng	96
87) Benzo(b)fluoranthene	15.00	252	803411	42.796	ng	99
88) Benzo(k)fluoranthene	15.03	252	828246	45.377	ng	98
89) Benzo(a)pyrene	15.37	252	782450	45.213	ng	99
90) Dibenzo(a,h)anthracene	16.90	278	667252	44.907	ng	96
91) Benzo(g,h,i)perylene	17.34	276	656381	44.612	ng	97

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



#1

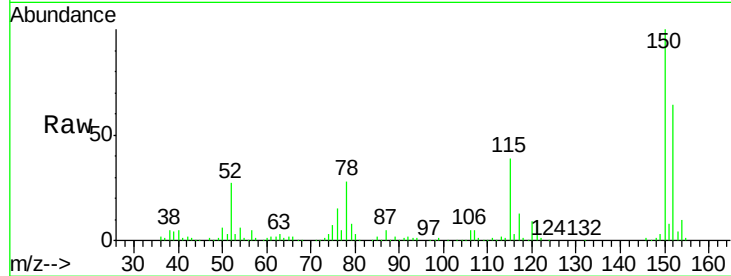
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

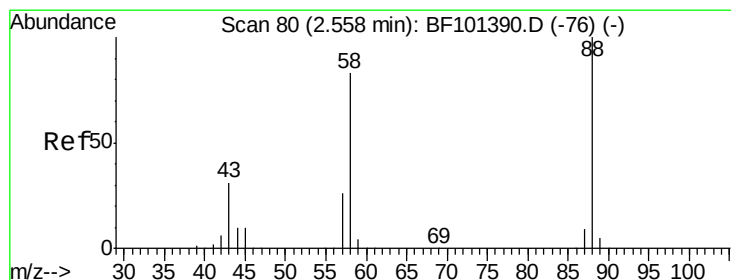
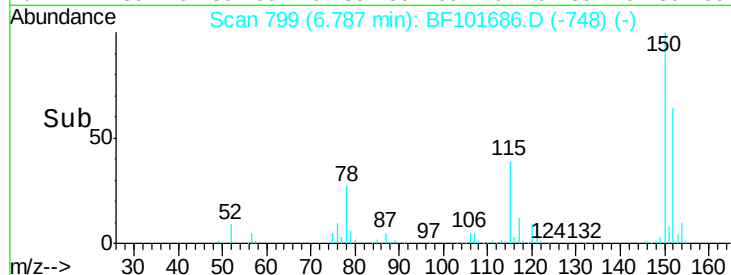
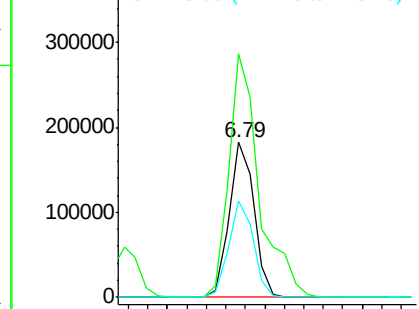
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	160563		
150	157.3	124.6	186.8	
115	62.1	50.1	75.1	

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



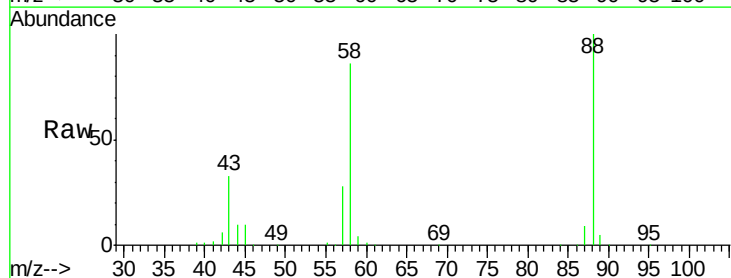
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



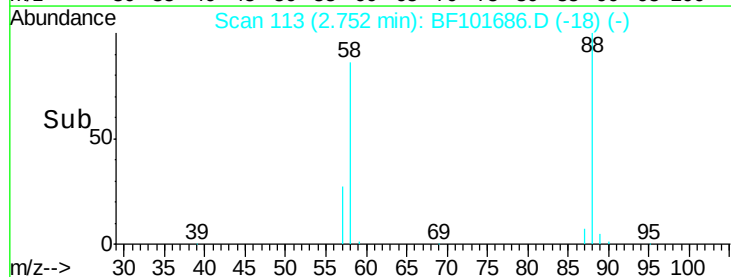
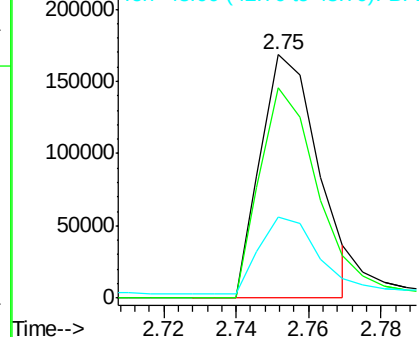
#2

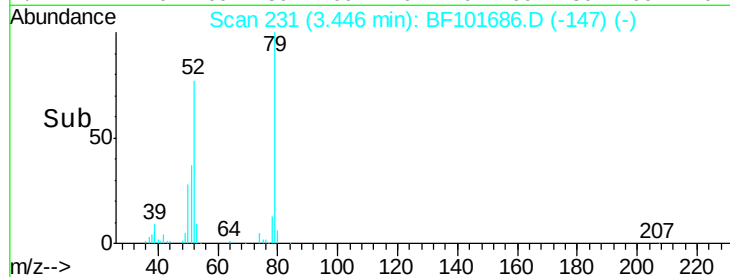
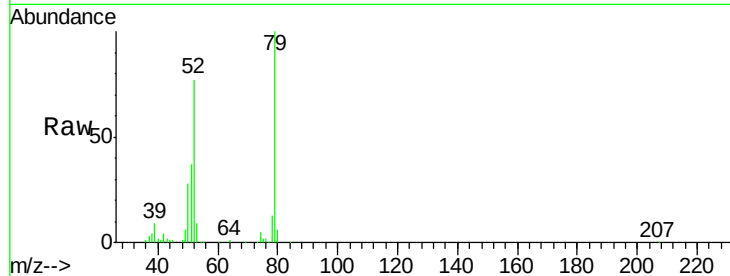
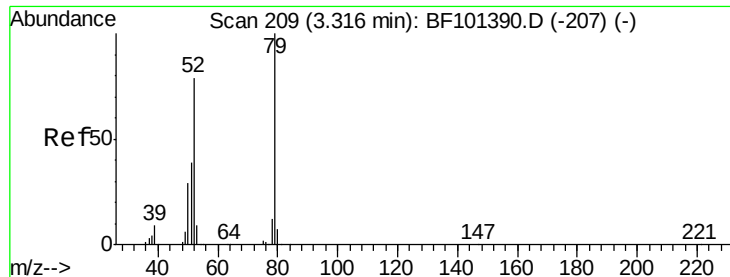
1,4-Dioxane
Concen: 33.669 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.26 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	186480		
58	84.2	62.6	93.8	
43	0.0	24.6	37.0	



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





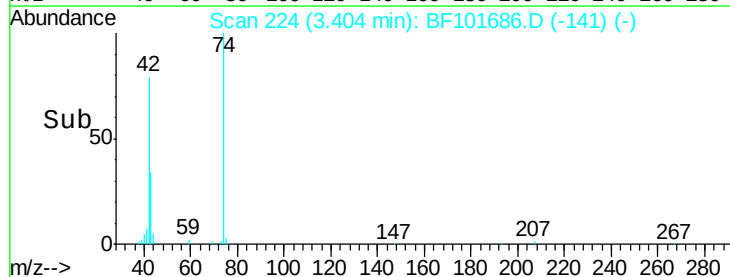
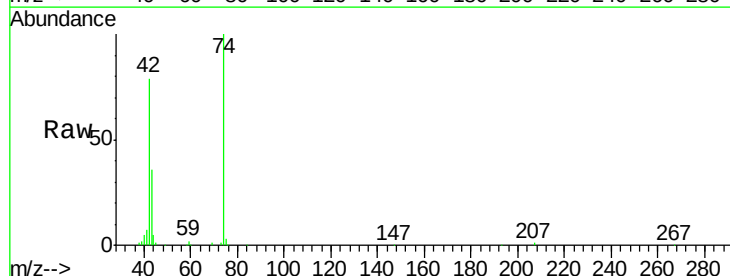
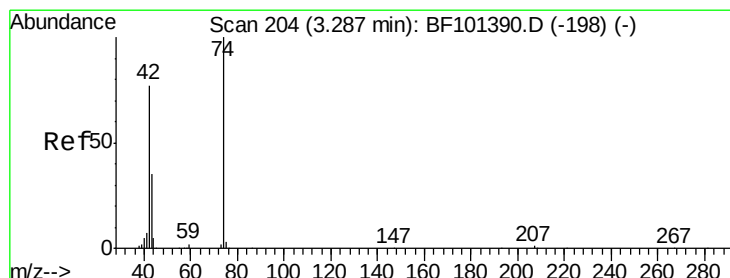
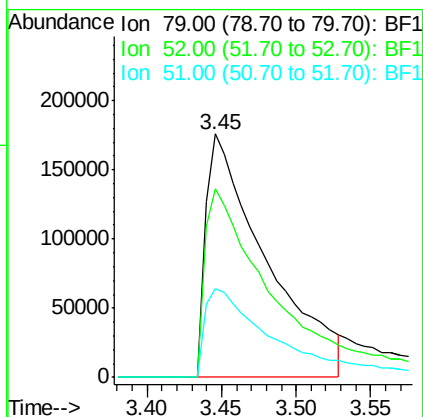
#3
 Pyridine
 Concen: 32.015 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.19 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
79	100		
52	77.3	59.8	89.6
51	36.6	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

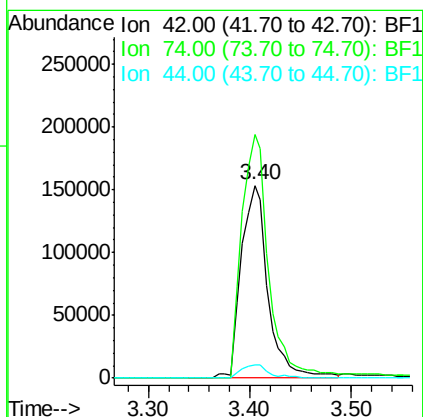
Manual Integrations
 APPROVED

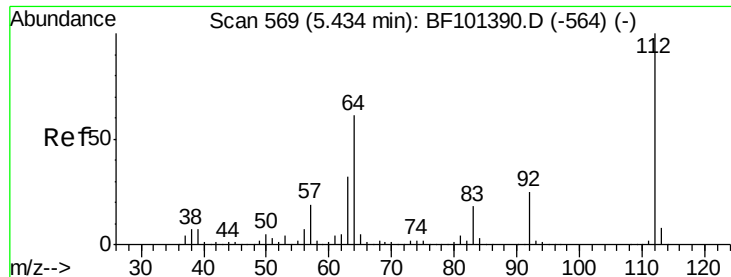
Sohil
 12/26/2017 1:37:43 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.921 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.19 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.1	104.9	157.3
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 141.300 ng m

RT: 5.43 min Scan# 569

Delta R.T. 0.03 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tgt Ion: 112 Resp: 1523089

Ion Ratio Lower Upper

112 100

64 64.0 47.9 71.9

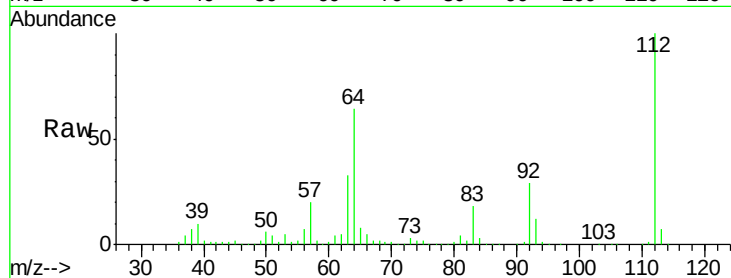
63 32.8 23.7 35.5

Manual Integrations

APPROVED

Sohil

12/26/2017 1:37:43 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.43

400000

300000

200000

100000

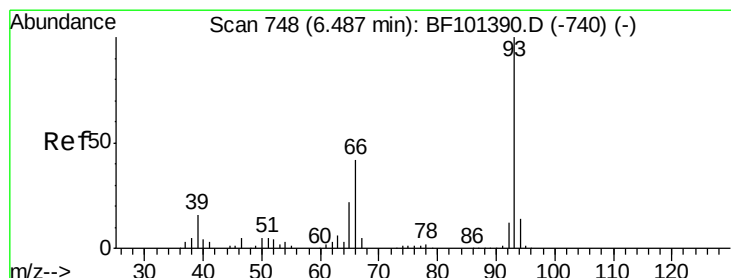
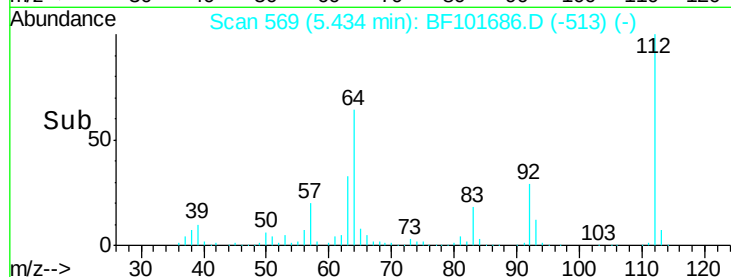
0

5.40

5.50

5.60

Time-->



#6

Aniline

Concen: 9.276 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

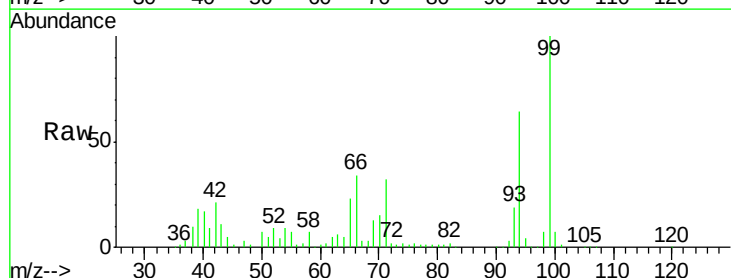
Tgt Ion: 93 Resp: 172926

Ion Ratio Lower Upper

93 100

66 178.9 32.2 48.2#

65 118.3 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

6.47

400000

300000

200000

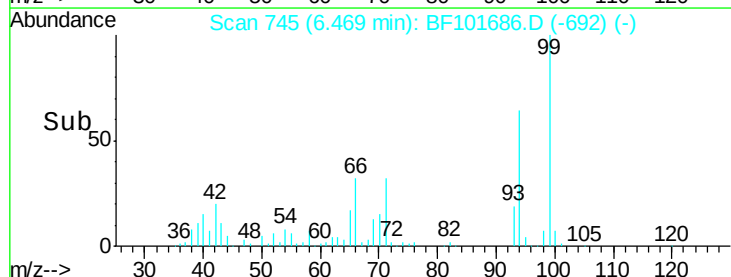
100000

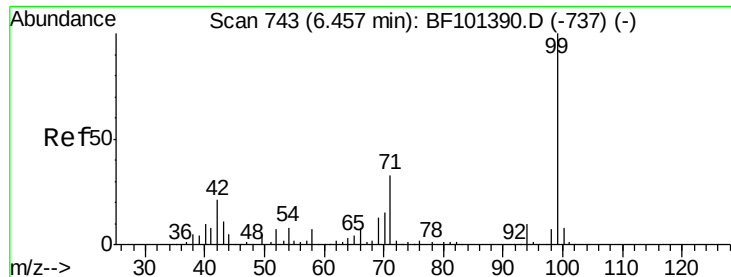
0

6.45

6.50

Time-->





#7

Phenol-d6

Concen: 110.773 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.05 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tgt Ion: 99 Resp: 1486021

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

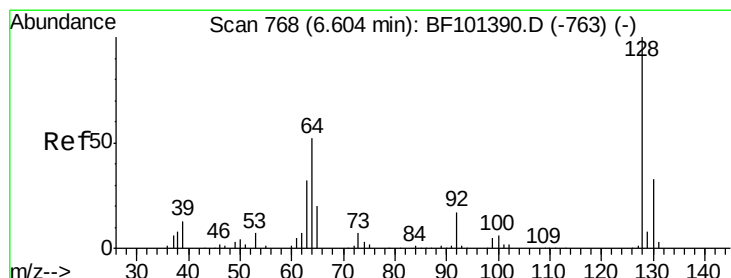
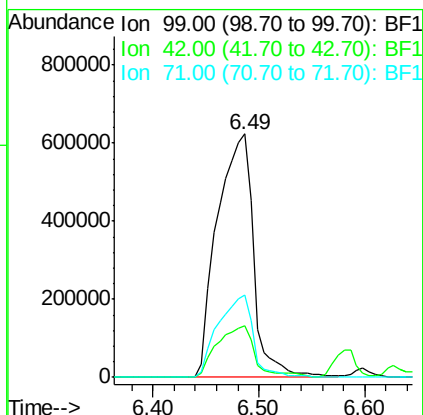
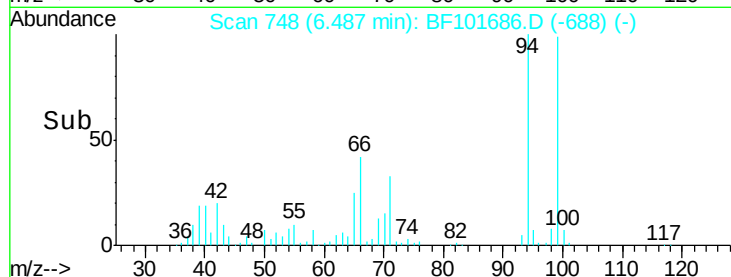
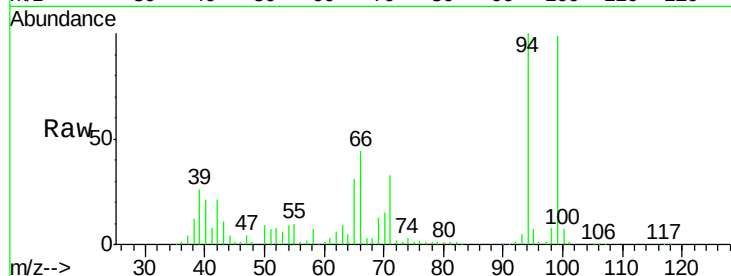
71 33.8 25.4 38.0

Manual Integrations

APPROVED

Sohil

12/26/2017 1:37:43 PM



#8

2-Chlorophenol

Concen: 41.078 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

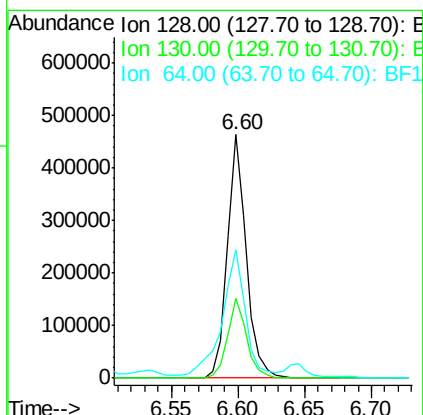
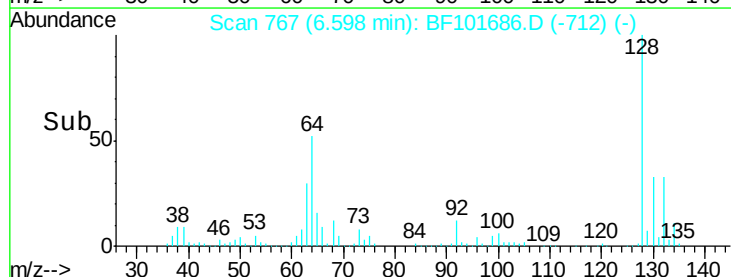
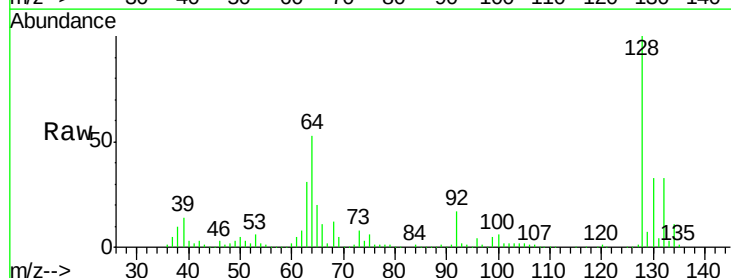
Tgt Ion: 128 Resp: 465780

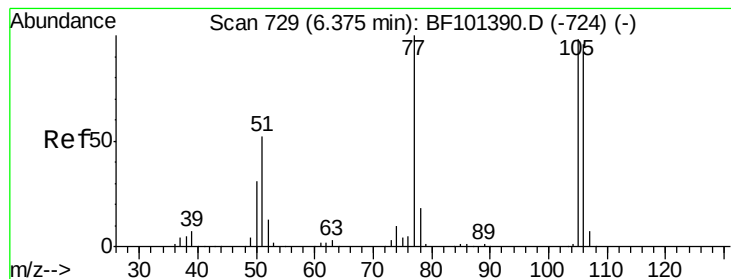
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 52.8 29.4 69.4





#9

Benzaldehyde

Concen: 24.138 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

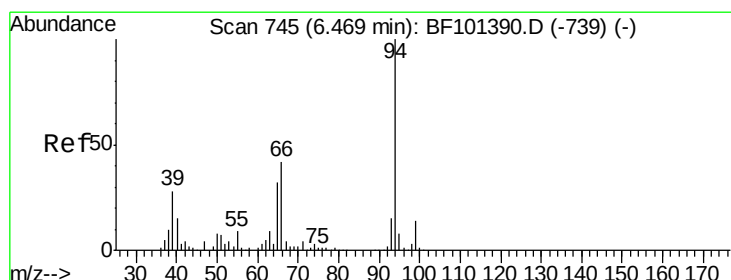
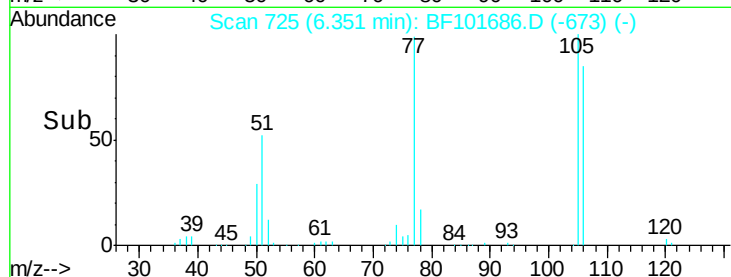
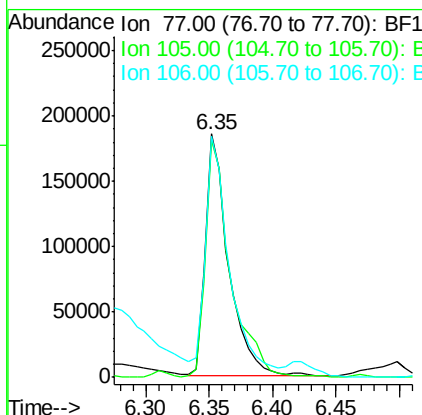
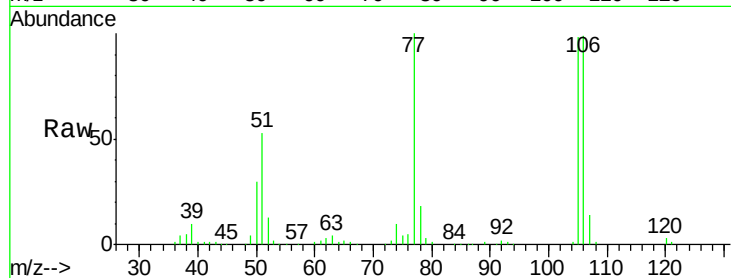
ClientSampled :

WC-4539-01MS

Tgt Ion:	77	Resp:	239138
Ion Ratio	Lower	Upper	
77	100		
105	97.6	81.1	121.1
106	99.2	74.5	114.5

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



#10

Phenol

Concen: 129.352 ng

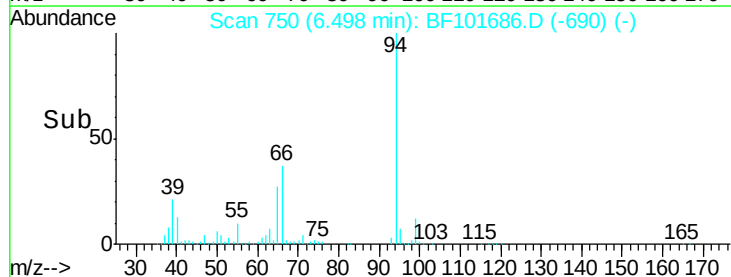
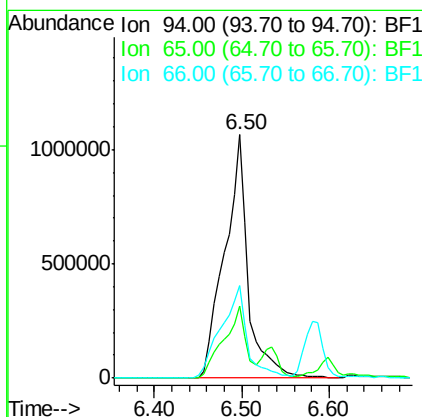
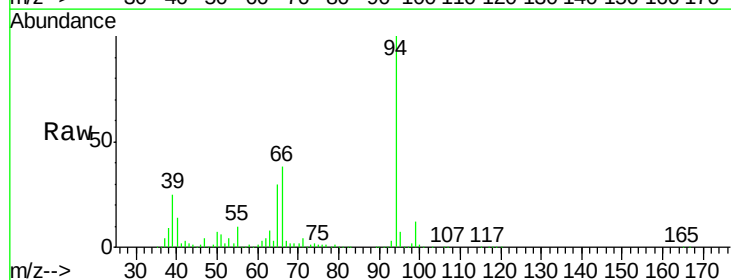
RT: 6.50 min Scan# 750

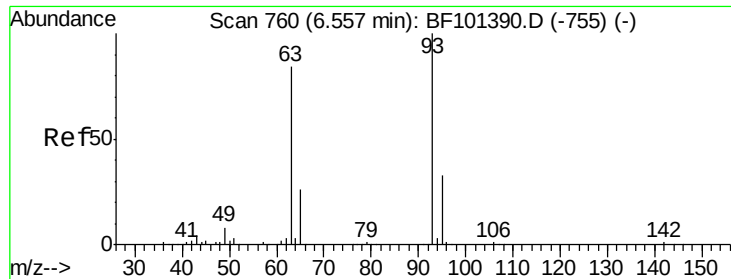
Delta R.T. 0.05 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion:	94	Resp:	1977779
Ion Ratio	Lower	Upper	
94	100		
65	29.7	7.9	47.9
66	38.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 44.538 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tgt Ion: 93 Resp: 534162

Ion Ratio Lower Upper

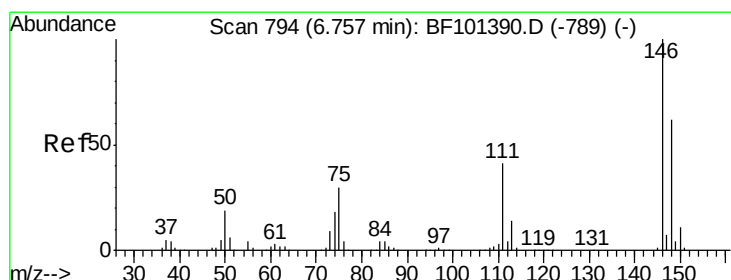
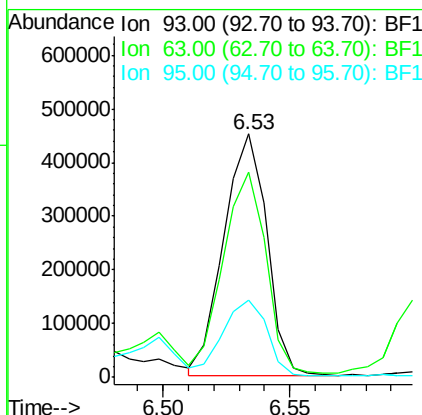
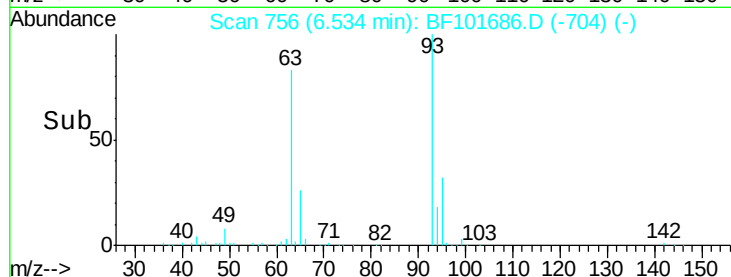
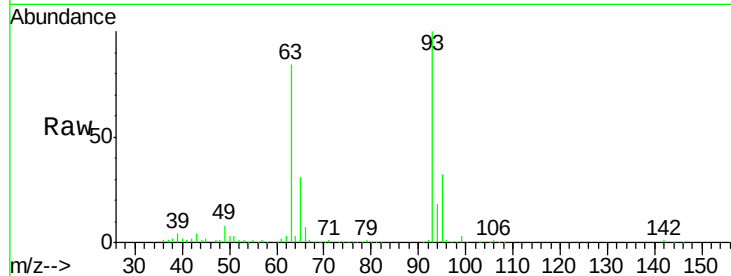
93 100

63 84.4 58.6 98.6

95 31.8 11.8 51.8

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



#12

1,3-Dichlorobenzene

Concen: 41.323 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

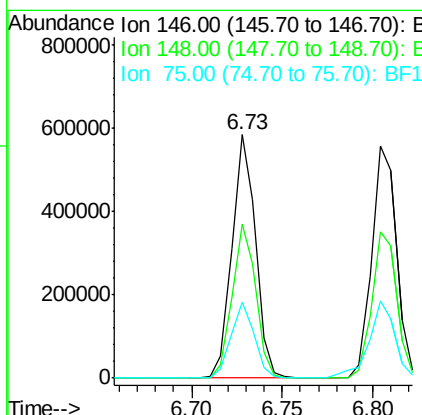
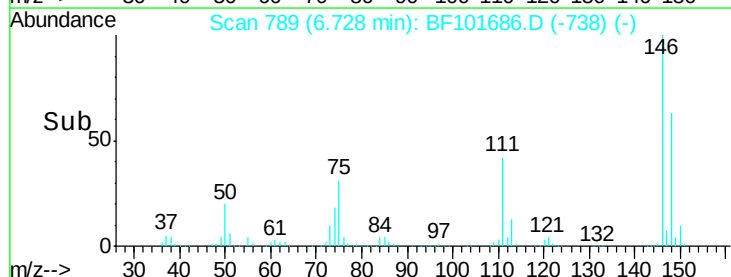
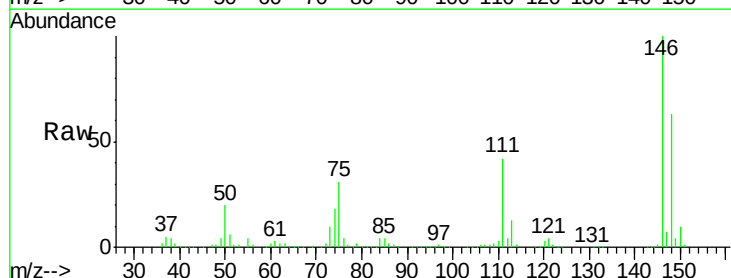
Tgt Ion: 146 Resp: 528821

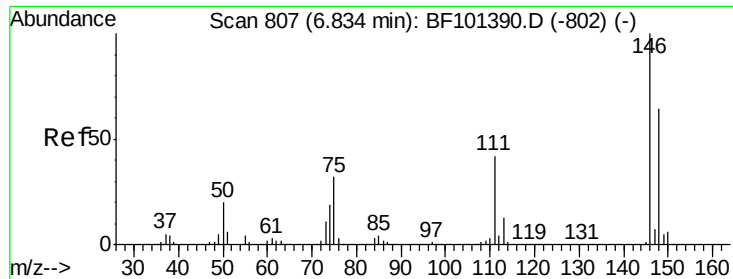
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

75 31.0 24.2 36.4





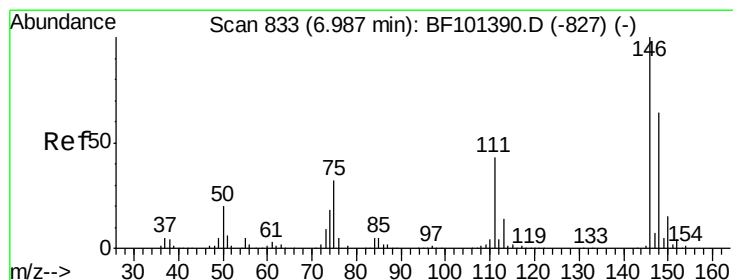
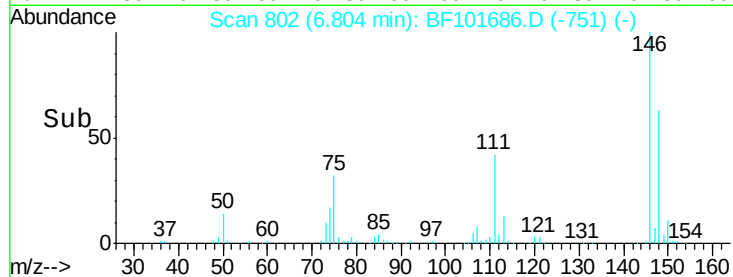
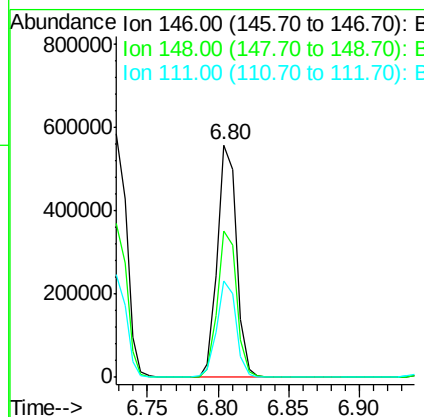
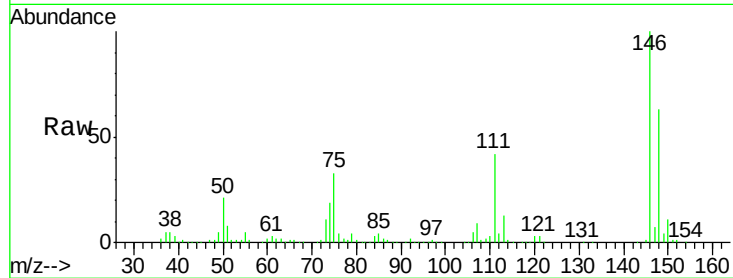
#13
 1,4-Dichlorobenzene
 Concen: 40.697 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	41.8	34.2	51.2

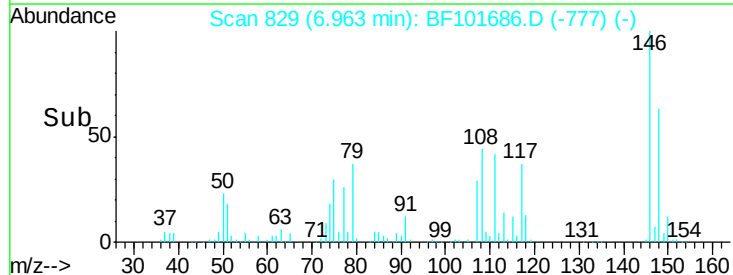
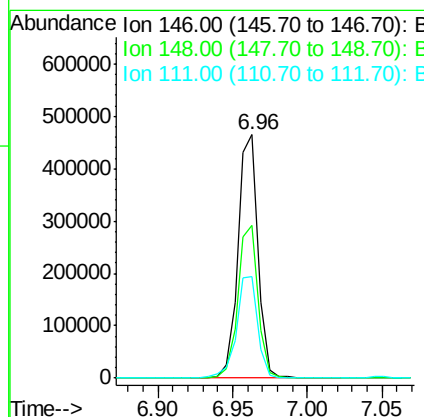
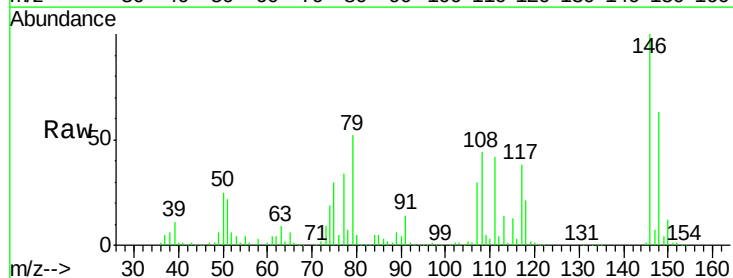
Manual Integrations
 APPROVED

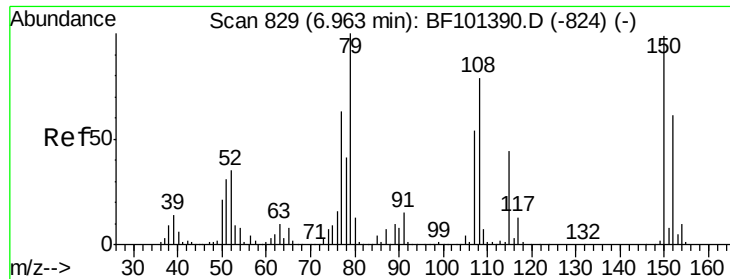
Sohil
 12/26/2017 1:37:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.253 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	41.7	36.0	54.0





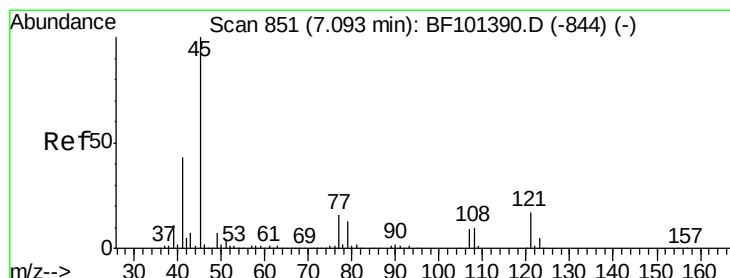
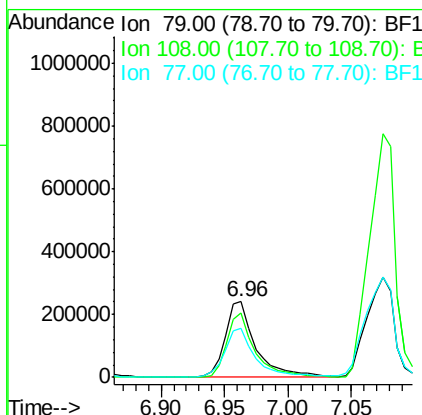
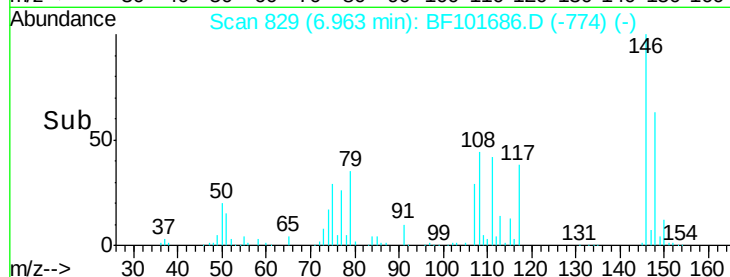
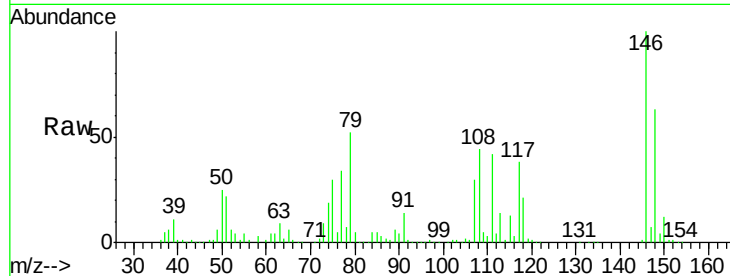
#15
Benzyl Alcohol
Concen: 43.305 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.02 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	84.5	65.1	97.7
77	65.2	50.6	75.8

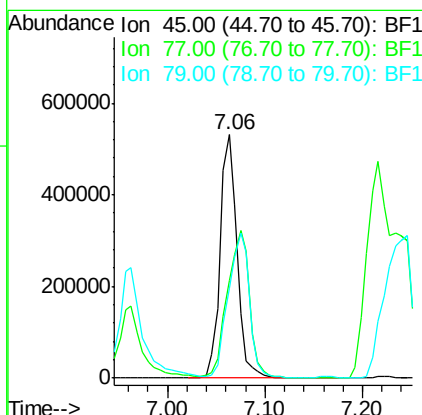
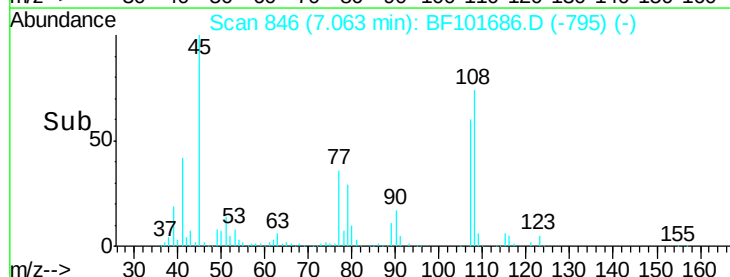
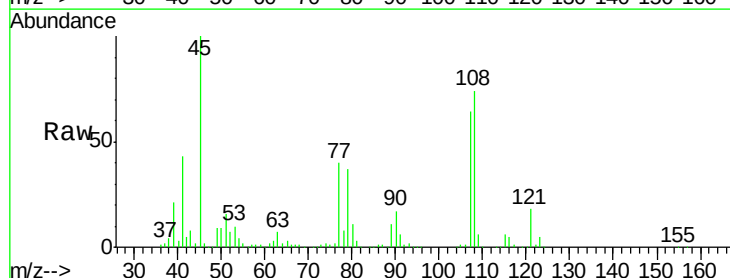
Manual Integrations
APPROVED

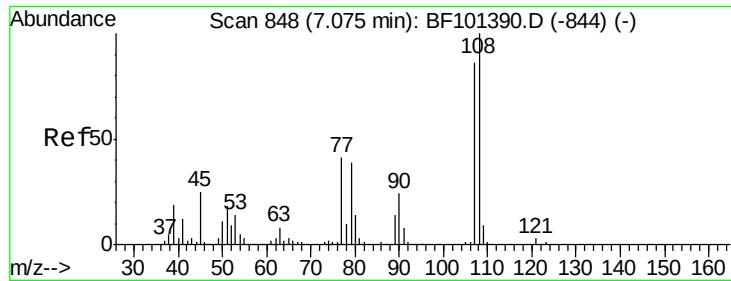
Sohil
12/26/2017 1:37:43 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.565 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	40.0	0.0	32.9#
79	37.2	0.0	29.6#





#17

2-Methylphenol

Concen: 92.736 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

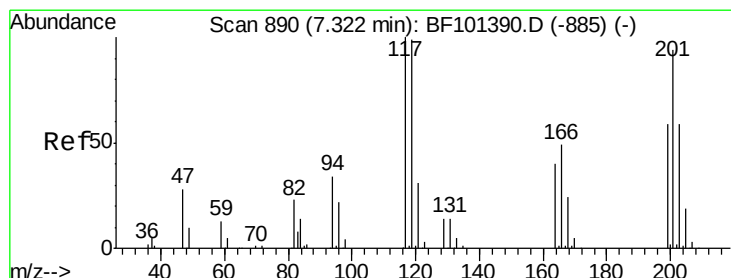
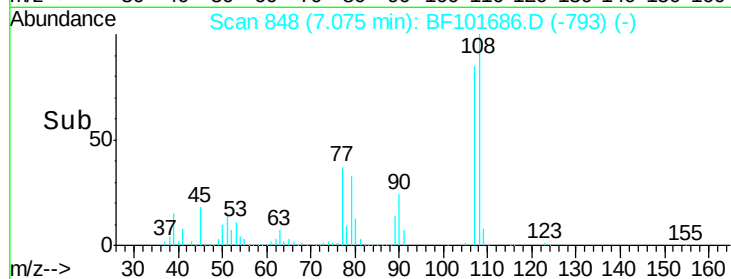
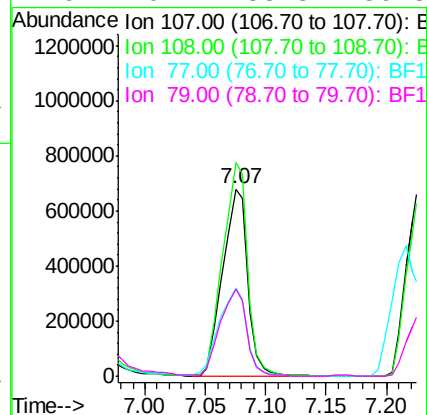
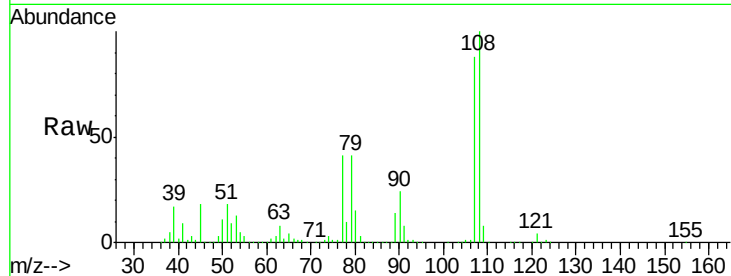
ClientSampleId :

WC-4539-01MS

Tgt Ion:	107	Resp:	967251
Ion Ratio	Lower	Upper	
107	100		
108	114.1	91.7	137.5
77	47.3	33.8	50.8
79	46.7	33.8	50.8

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



#18

Hexachloroethane

Concen: 40.314 ng

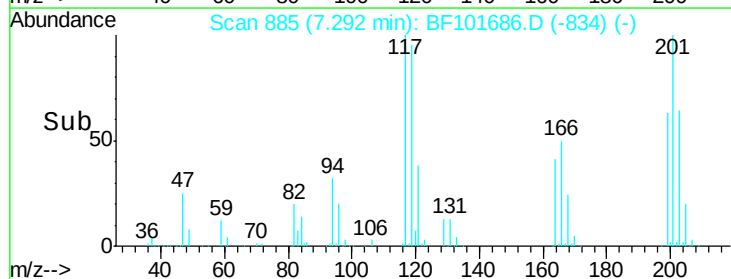
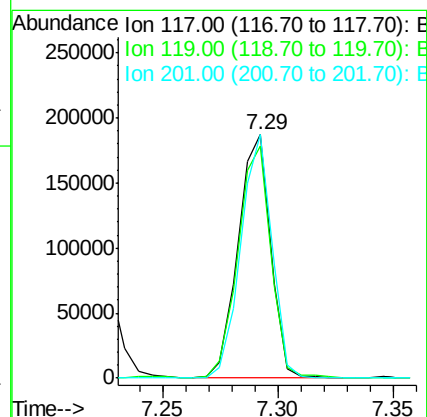
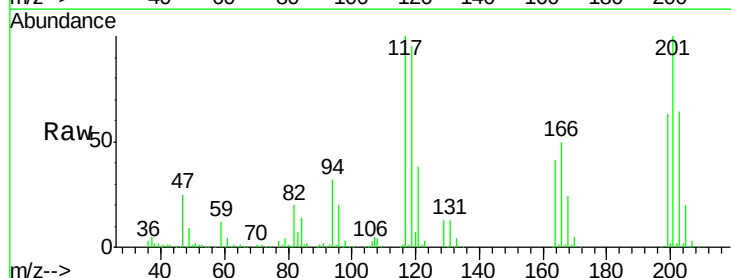
RT: 7.29 min Scan# 885

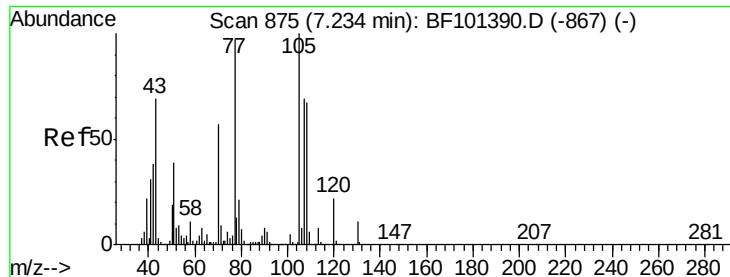
Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion:	117	Resp:	183172
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.8	113.8
201	100.1	75.7	113.5





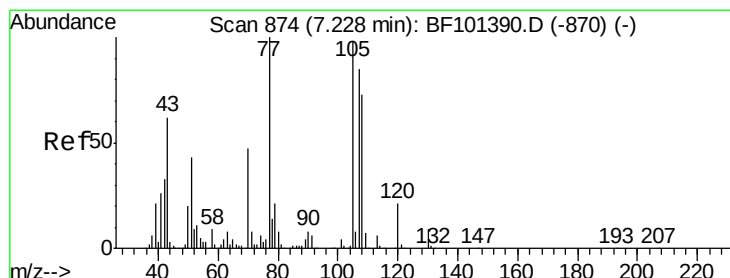
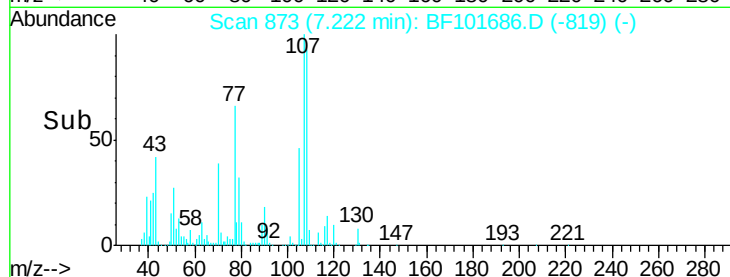
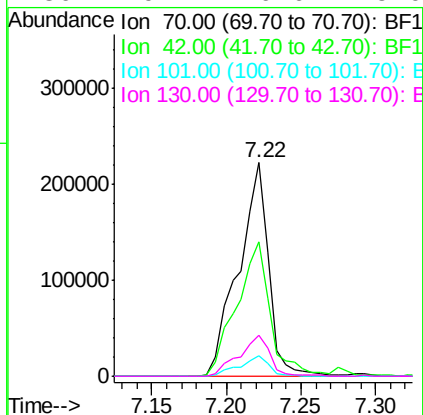
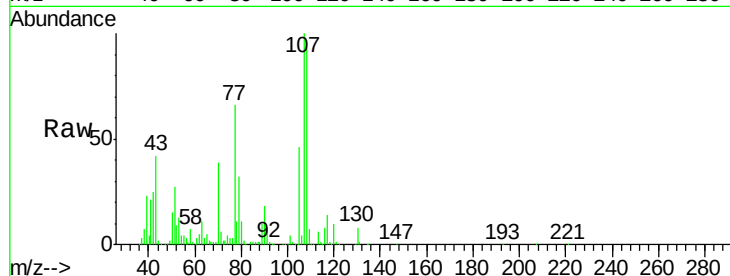
#19
n-Nitroso-di-n-propylamine
Concen: 35.502 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.02 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.0	47.5	71.3
101	9.8	7.4	11.2
130	19.4	16.6	25.0

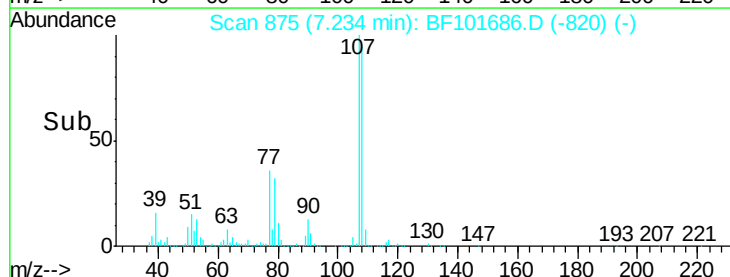
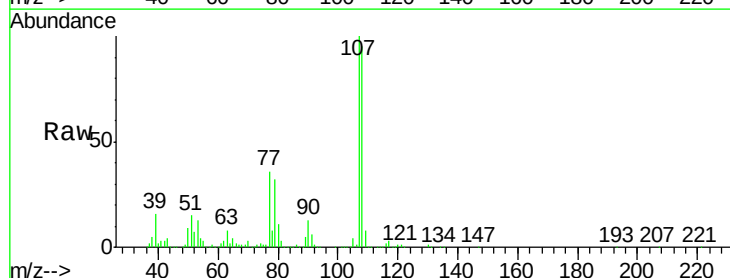
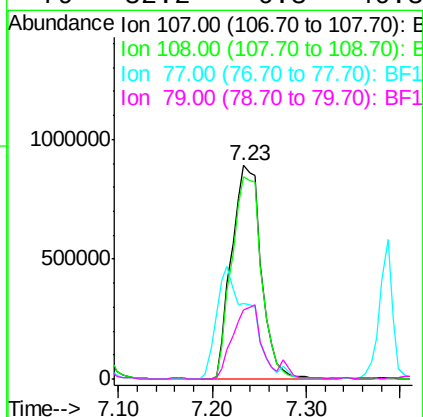
Manual Integrations
APPROVED

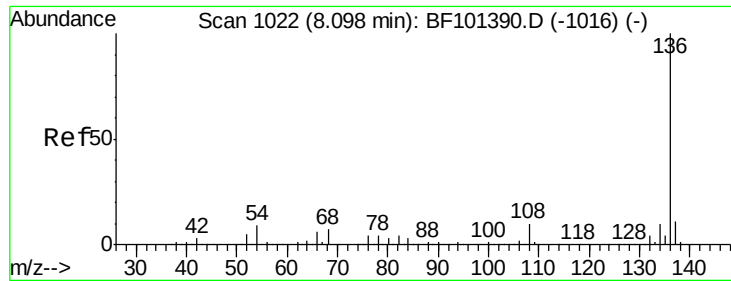
Sohil
12/26/2017 1:37:43 PM



#20
3+4-Methylphenols
Concen: 176.518 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.7	68.2	108.2
77	35.6	26.7	66.7
79	32.2	6.3	46.3





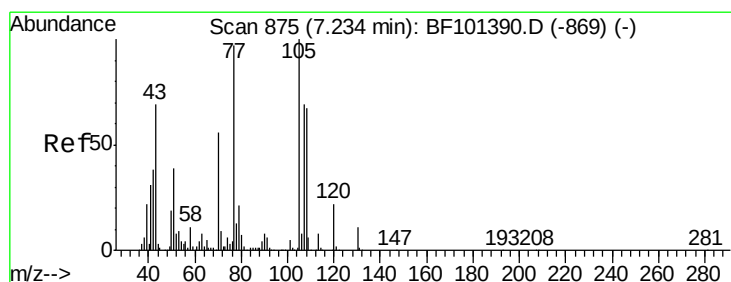
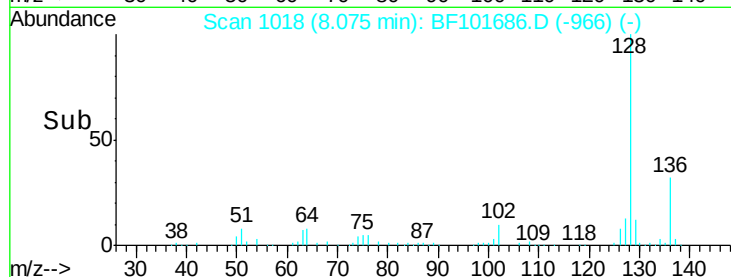
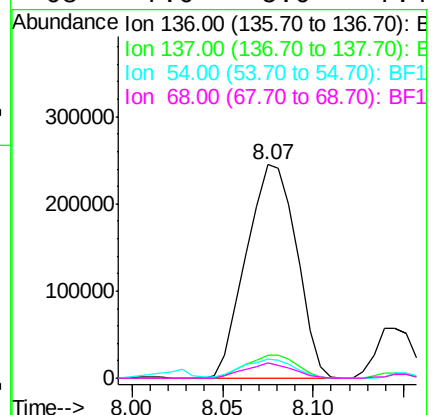
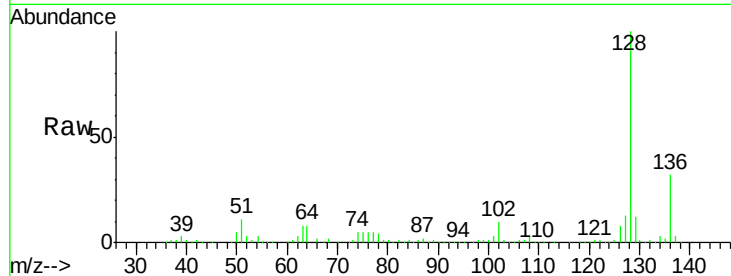
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	473767		
137	10.6	8.9	13.3	
54	8.7	6.6	9.8	
68	7.0	5.0	7.4	

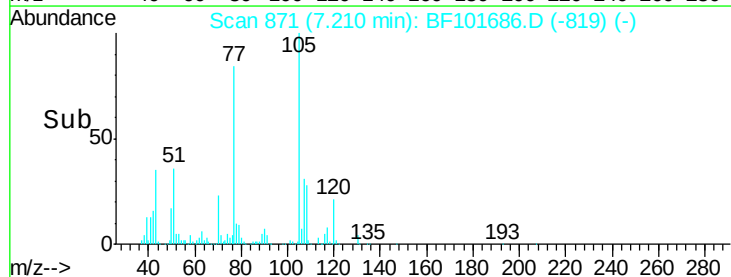
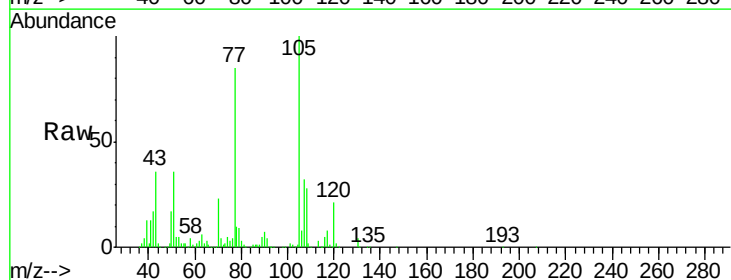
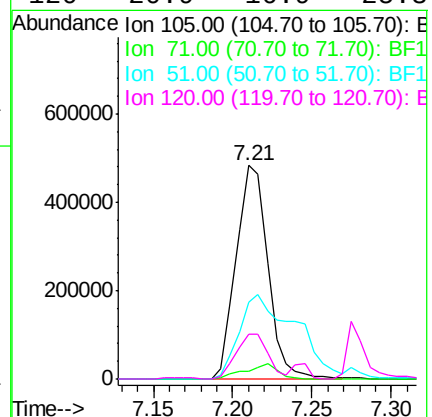
Manual Integrations
APPROVED

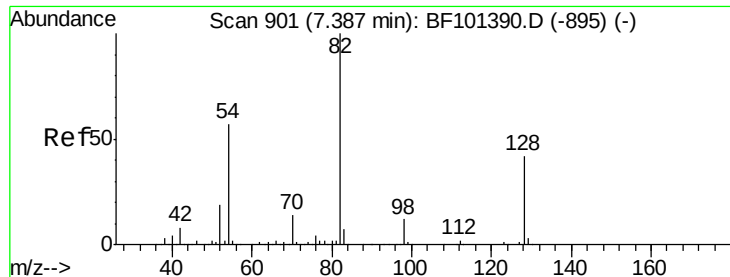
Sohil
12/26/2017 1:37:43 PM



#22
Acetophenone
Concen: 62.229 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	672710		
71	3.7	4.4	6.6#	
51	36.2	22.3	33.5#	
120	20.9	16.9	25.3	





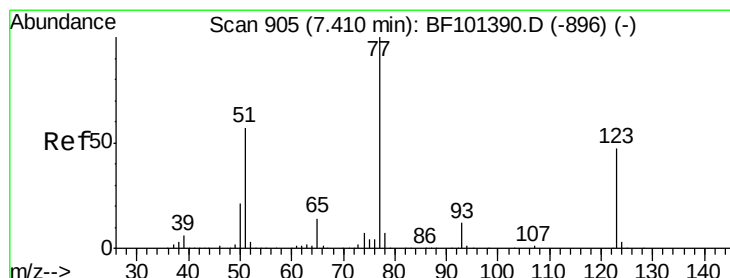
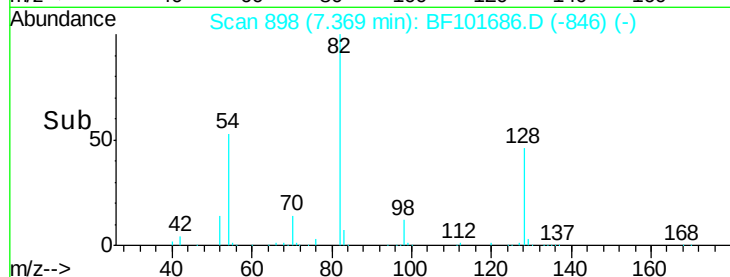
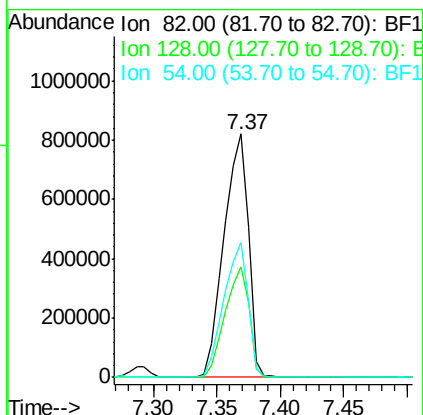
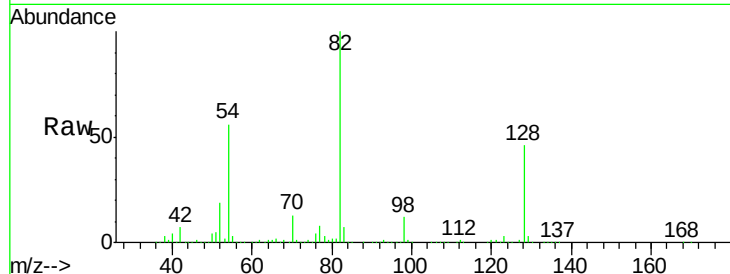
#23
Nitrobenzene-d5
Concen: 128.688 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion: 82 Resp: 1095257
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 55.6 41.4 62.2

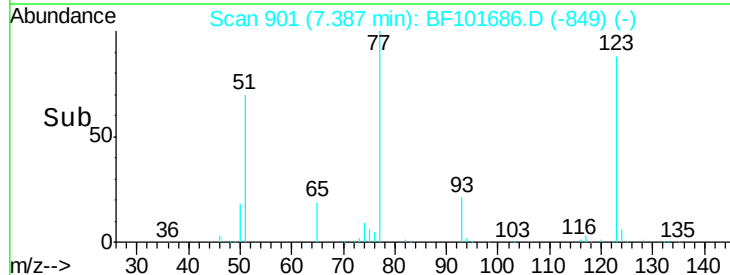
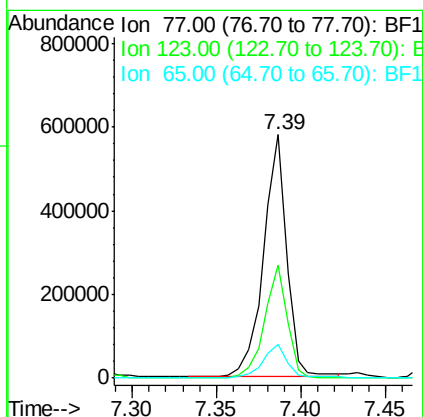
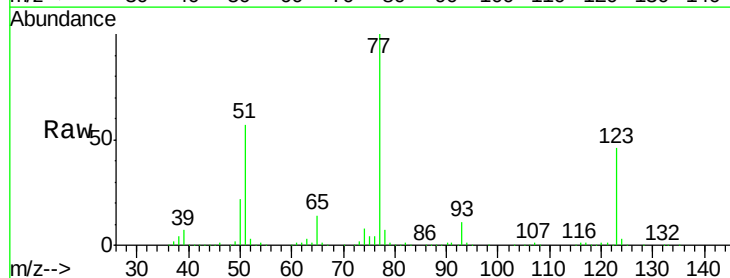
Manual Integrations
APPROVED

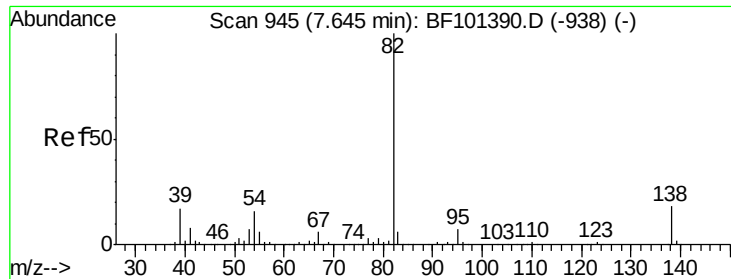
Sohil
12/26/2017 1:37:43 PM



#24
Nitrobenzene
Concen: 58.885 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion: 77 Resp: 554663
Ion Ratio Lower Upper
77 100
123 46.3 37.9 56.9
65 14.0 11.0 16.4





#25

Isophorone

Concen: 61.105 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tgt Ion: 82 Resp: 1043273

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

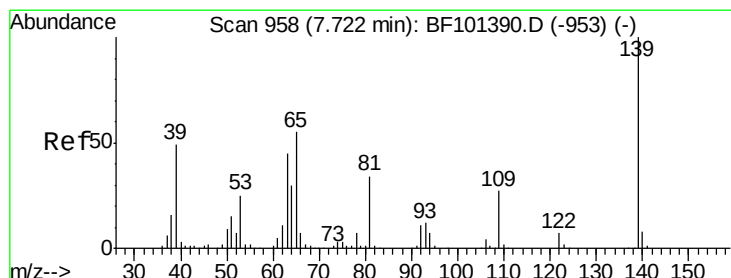
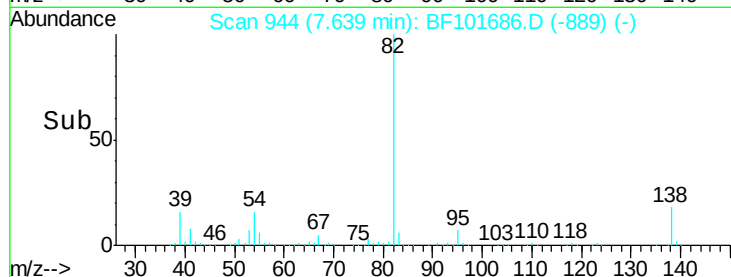
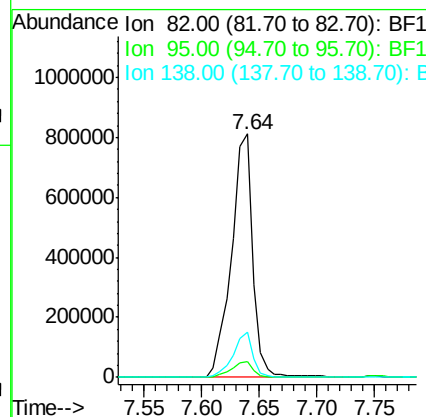
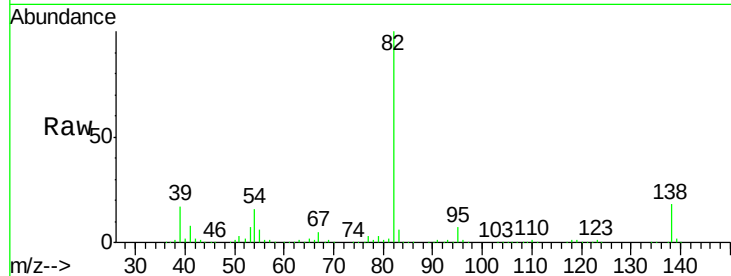
138 18.5 14.9 22.3

Manual Integrations

APPROVED

Sohil

12/26/2017 1:37:43 PM



#26

2-Nitrophenol

Concen: 66.960 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

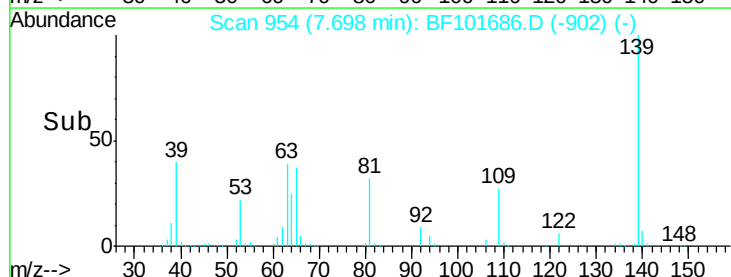
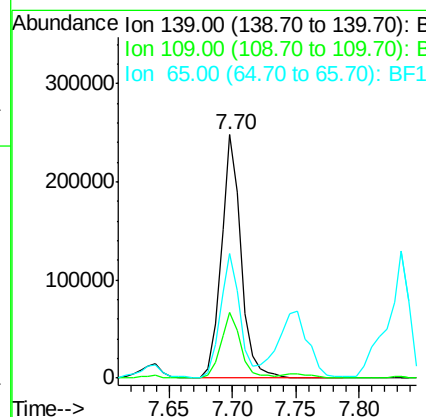
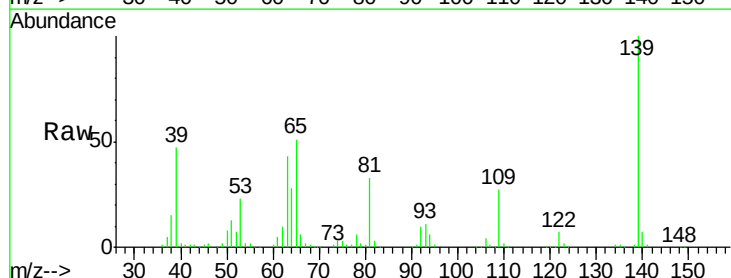
Tgt Ion: 139 Resp: 270971

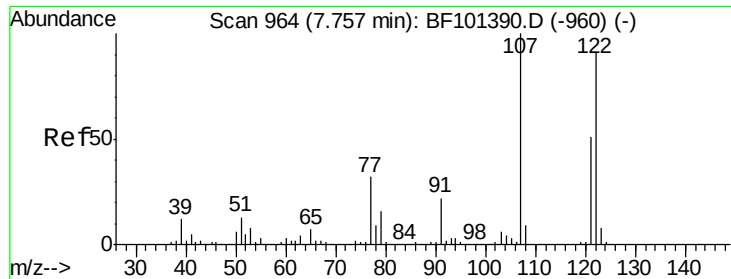
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 51.1 40.5 60.7





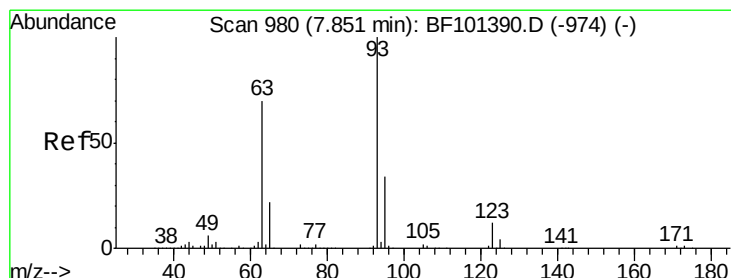
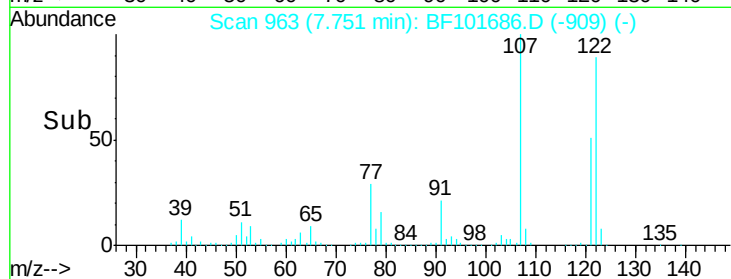
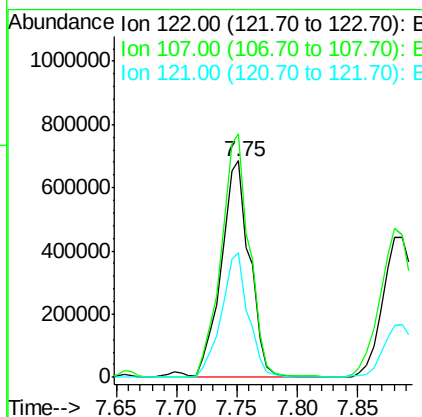
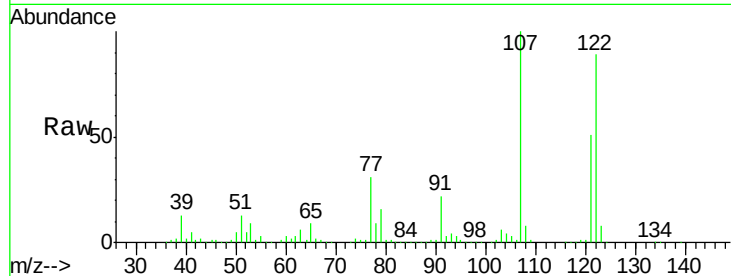
#27
 2,4-Dimethylphenol
 Concen: 161.976 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.02 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion:122 Resp: 1113566
 Ion Ratio Lower Upper
 122 100
 107 112.6 91.2 136.8
 121 57.8 47.2 70.8

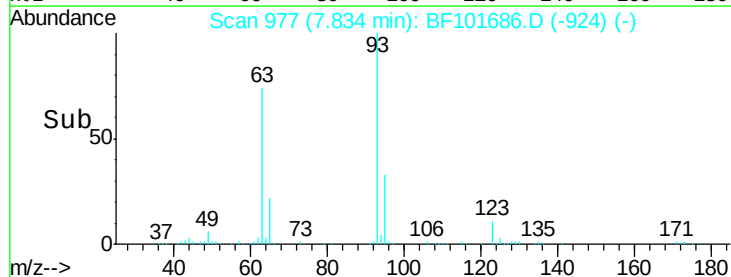
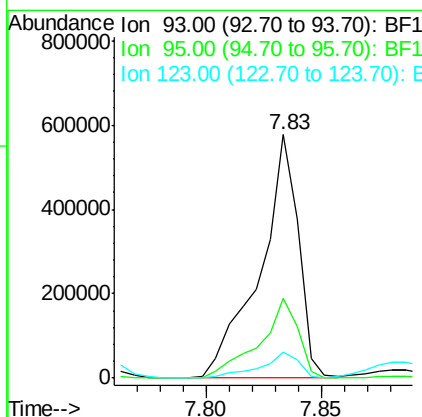
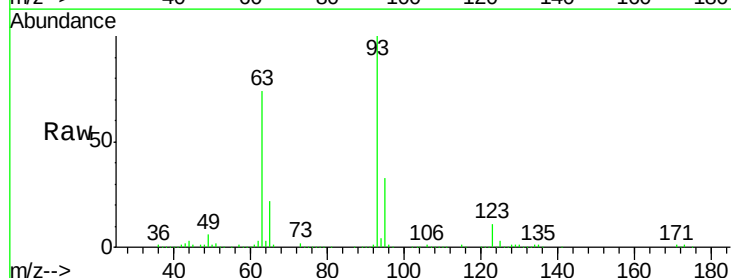
Manual Integrations
 APPROVED

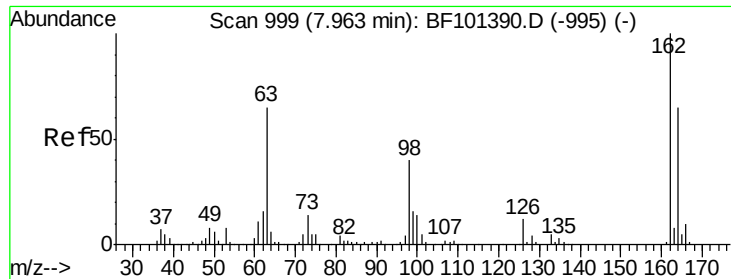
Sohil
 12/26/2017 1:37:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 61.636 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion: 93 Resp: 668471
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 10.8 9.8 14.6





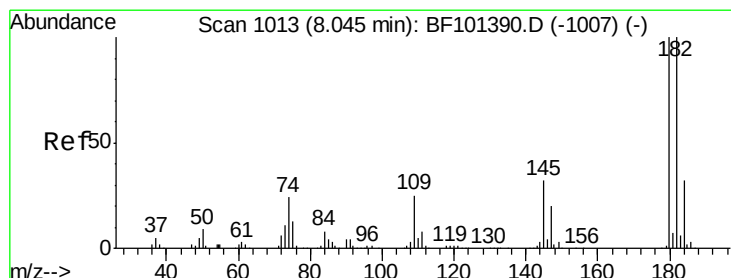
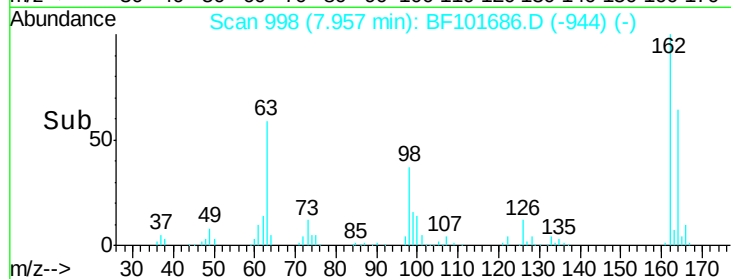
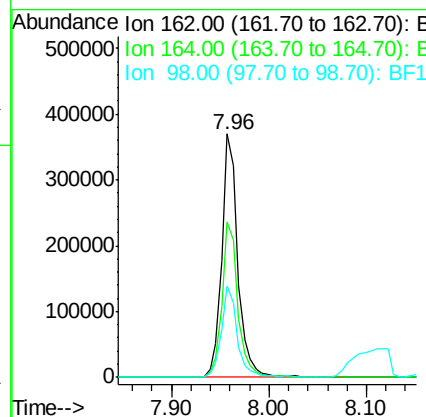
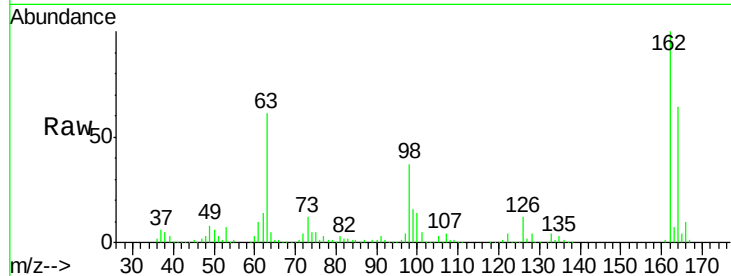
#29
2,4-Dichlorophenol
Concen: 62.283 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	423035		
164	63.7	42.7	82.7	
98	37.4	18.1	58.1	

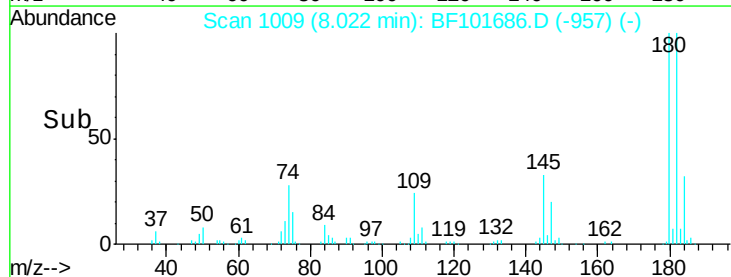
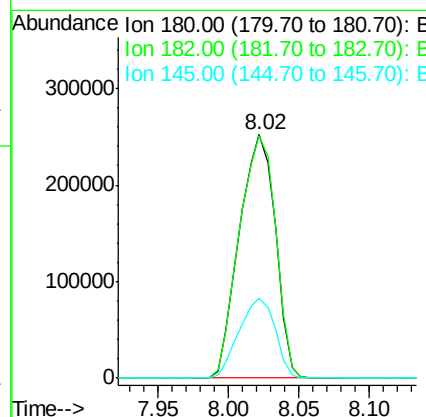
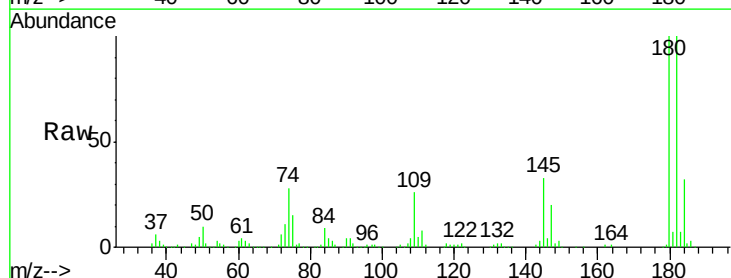
Manual Integrations
APPROVED

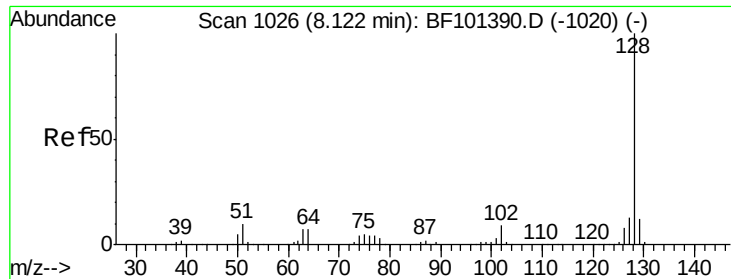
Sohil
12/26/2017 1:37:43 PM



#30
1,2,4-Trichlorobenzene
Concen: 63.134 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	452529		
182	99.7	76.8	115.2	
145	32.8	26.5	39.7	





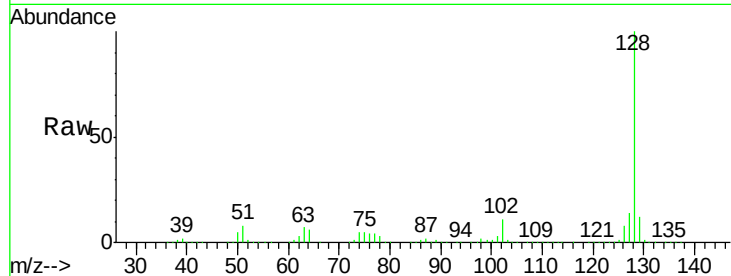
#31
Naphthalene
Concen: 309.812 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

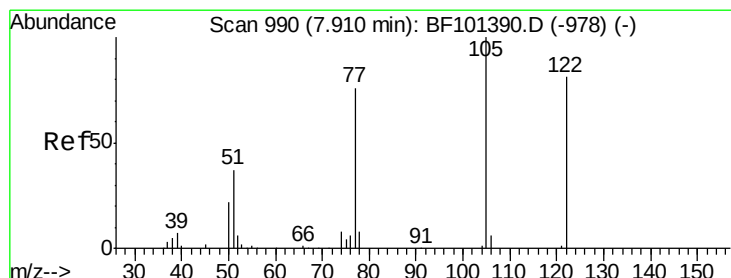
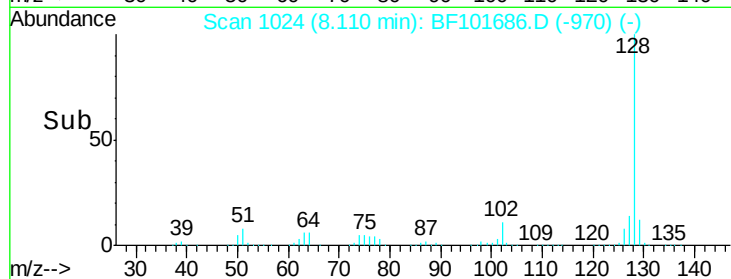
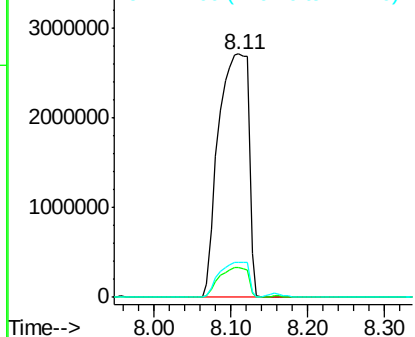
Tgt Ion:128 Resp: 7389373
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.4 10.9 16.3

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM

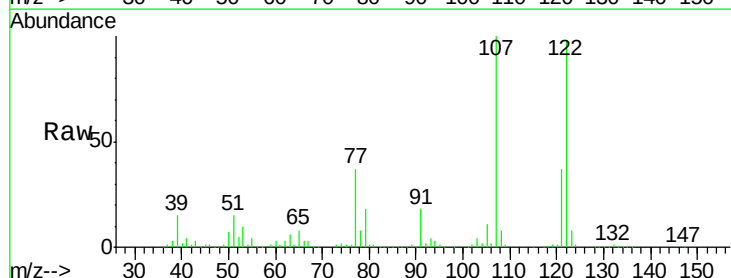


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

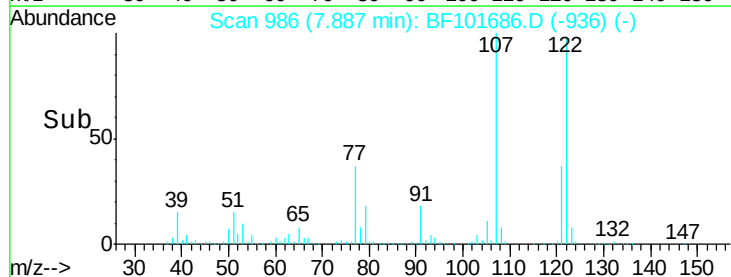
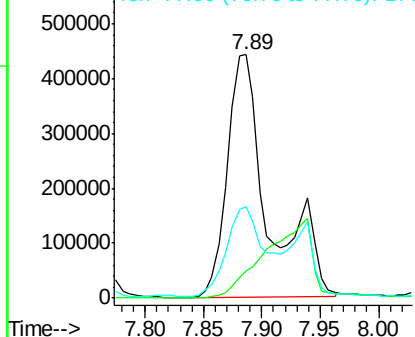


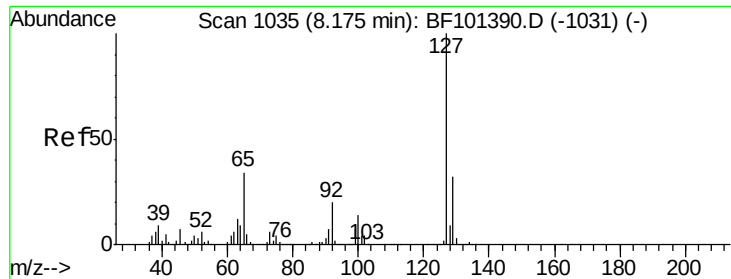
#32
Benzoic acid
Concen: 205.677 ng m
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion:122 Resp: 1097986
Ion Ratio Lower Upper
122 100
105 11.4 101.1 141.1#
77 37.3 70.7 110.7#



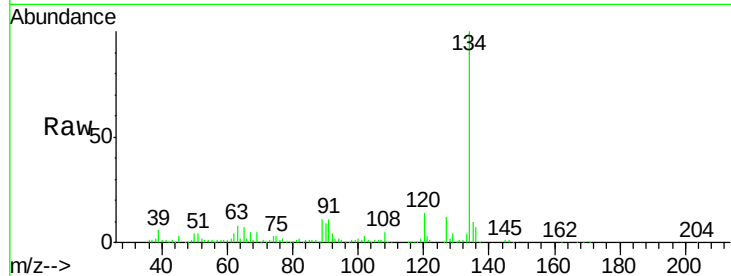
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33
4-Chloroaniline
Concen: 5.555 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

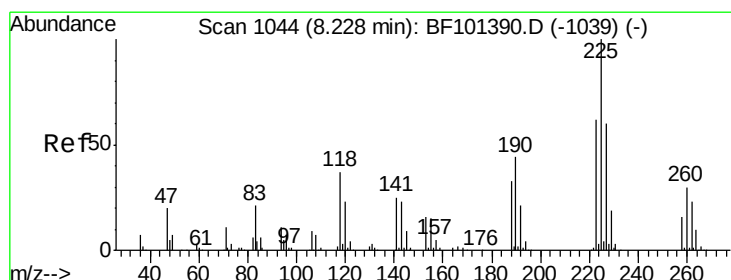
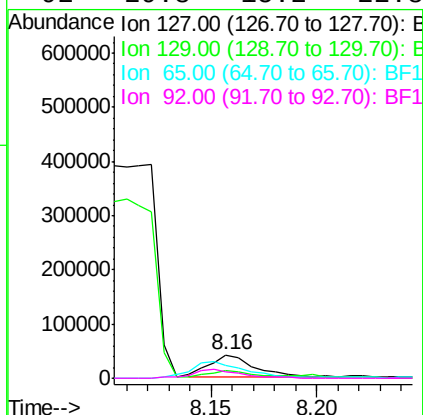
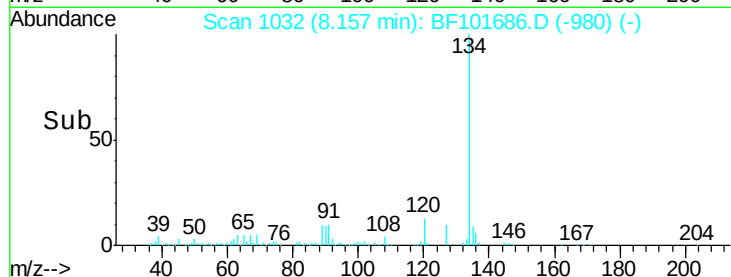
Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS



Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	35.2	25.9	38.9
65	56.9	25.0	37.4
92	29.8	15.2	22.8

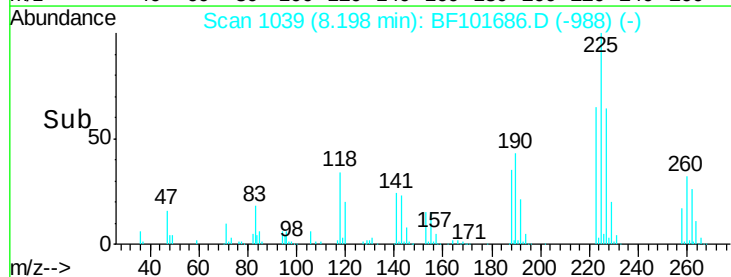
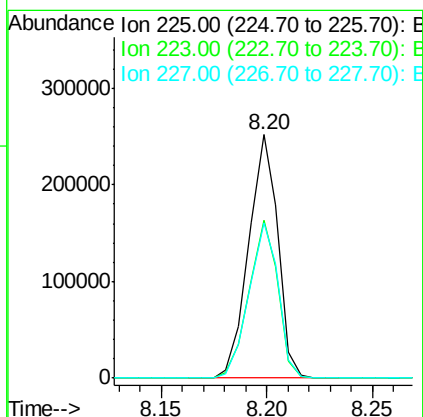
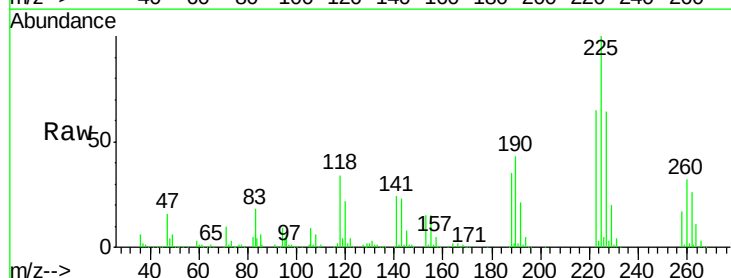
Manual Integrations
APPROVED

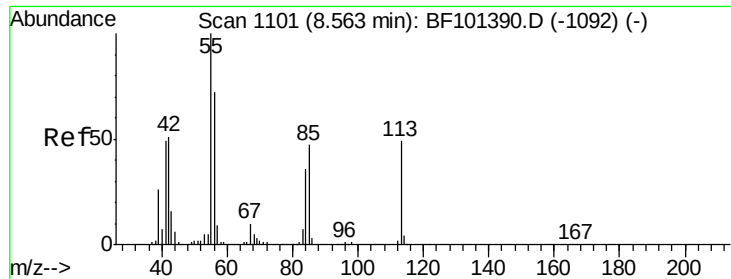
Sohil
12/26/2017 1:37:43 PM



#34
Hexachlorobutadiene
Concen: 58.313 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	65.1	50.6	76.0
227	63.8	51.9	77.9





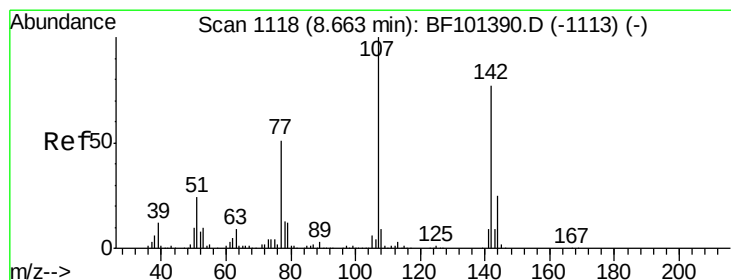
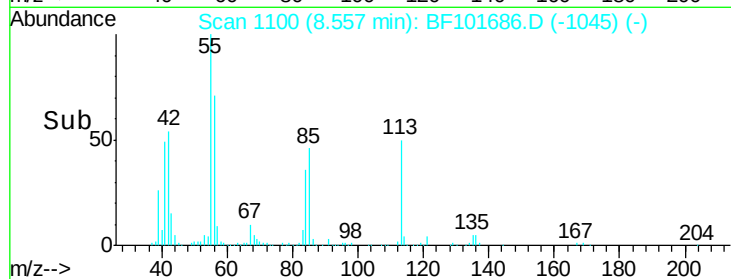
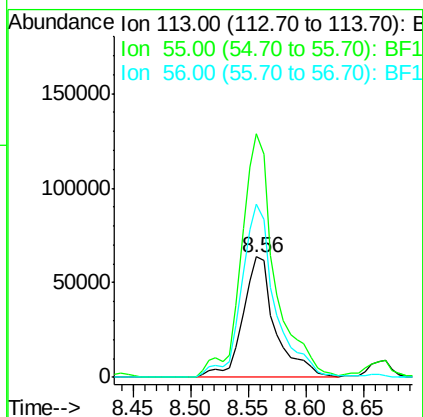
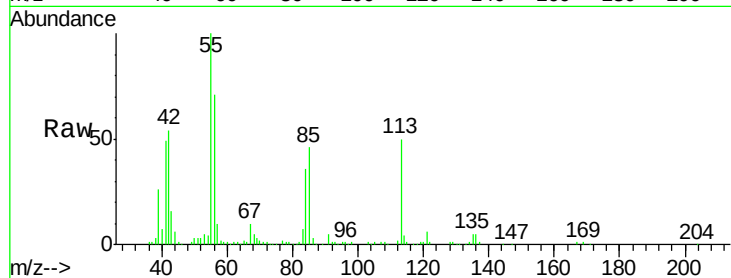
#35
 Caprolactam
 Concen: 53.130 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	201.8	163.3	203.3	
56	143.8	115.7	155.7	

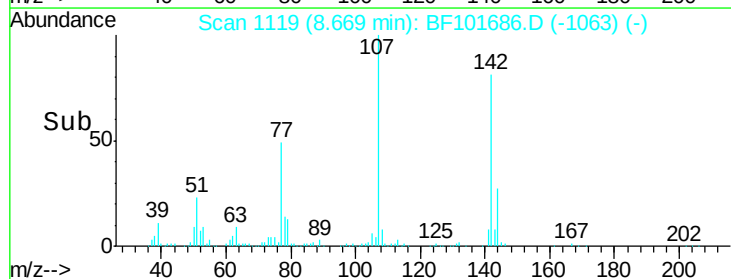
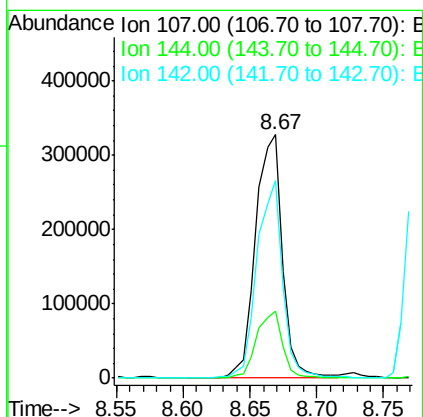
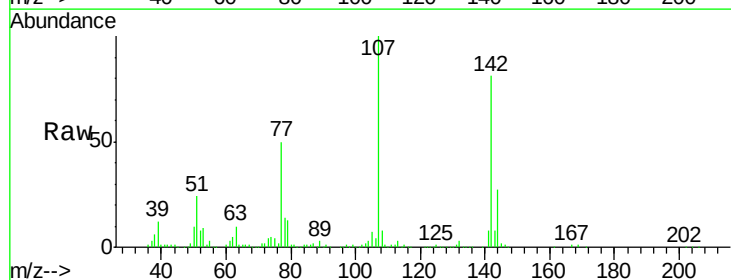
Manual Integrations
 APPROVED

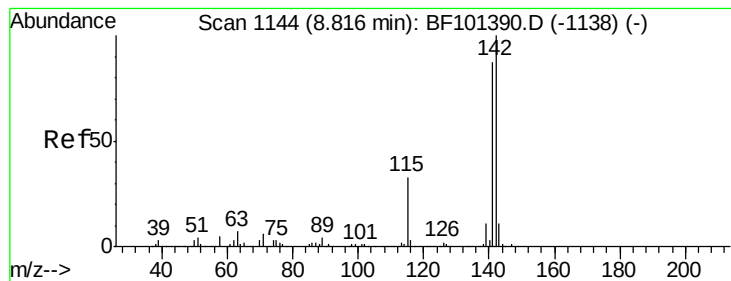
Sohil
 12/26/2017 1:37:43 PM



#36
 4-Chloro-3-methylphenol
 Concen: 60.409 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.03 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.3	20.5	30.7	
142	81.2	62.0	93.0	





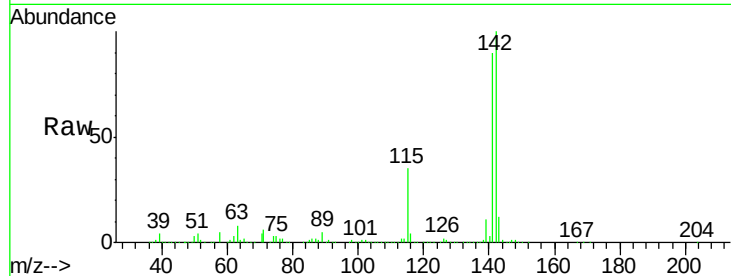
#37
2-Methylnaphthalene
Concen: 83.384 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

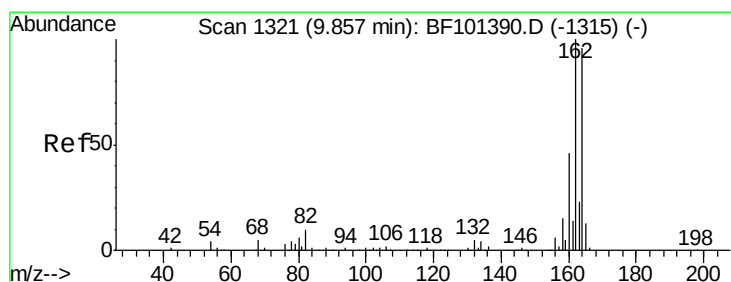
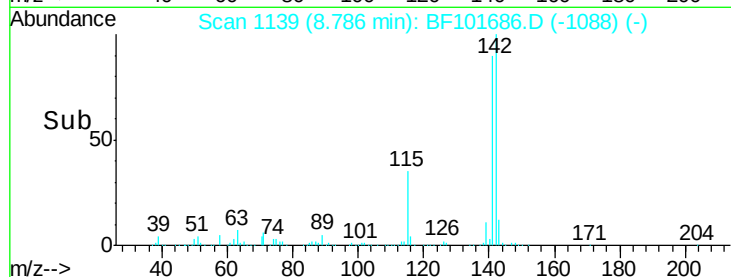
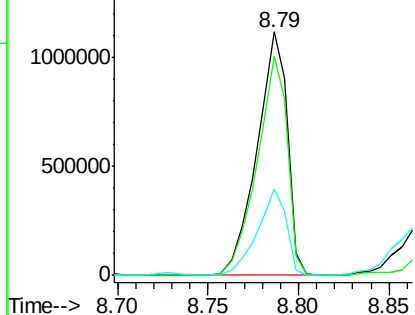
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	35.2	26.1	39.1

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM

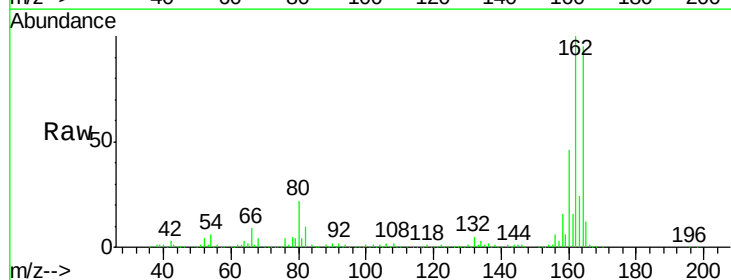


Abundance Ion 142.00 (141.70 to 142.70): E
1500000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

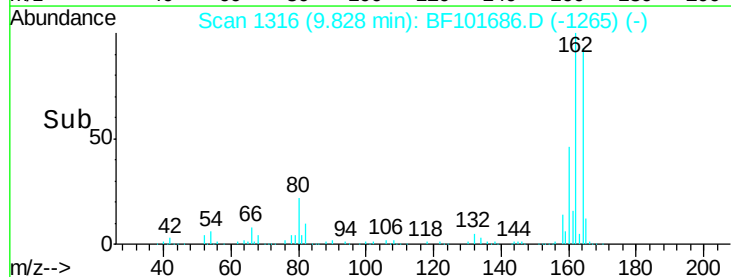
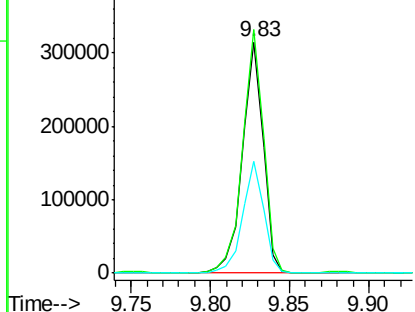


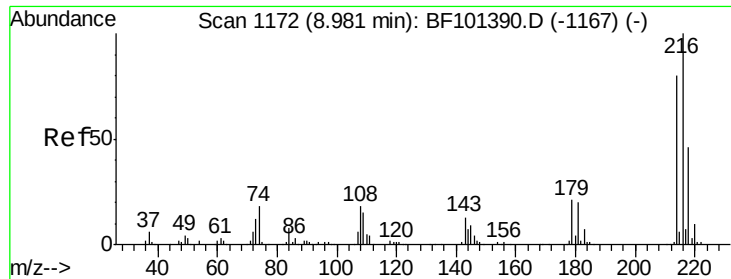
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	48.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
400000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





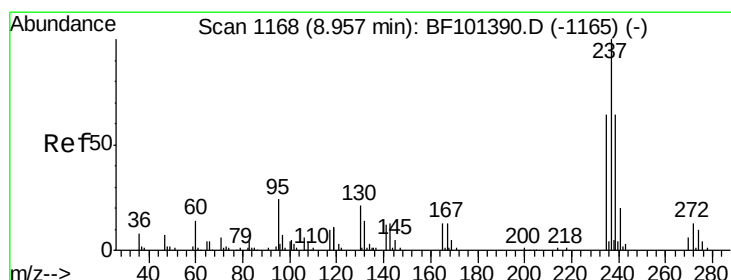
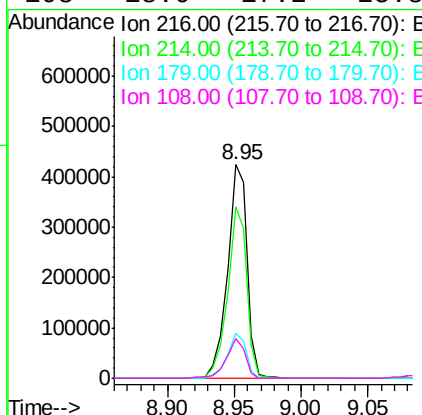
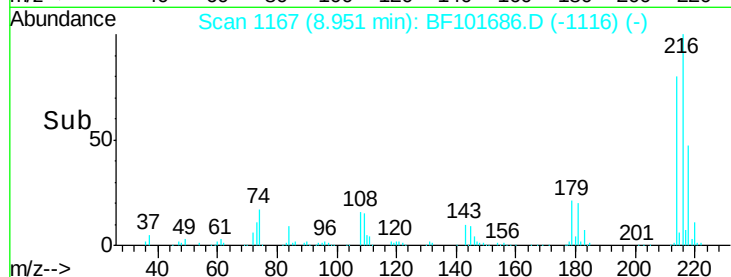
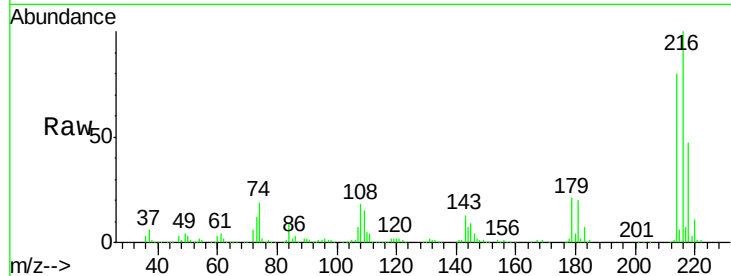
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.457 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	437951		
214	78.8	63.0	94.4	
179	20.5	18.1	27.1	
108	18.0	17.2	25.8	

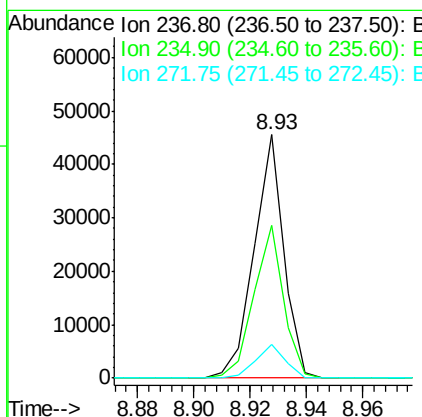
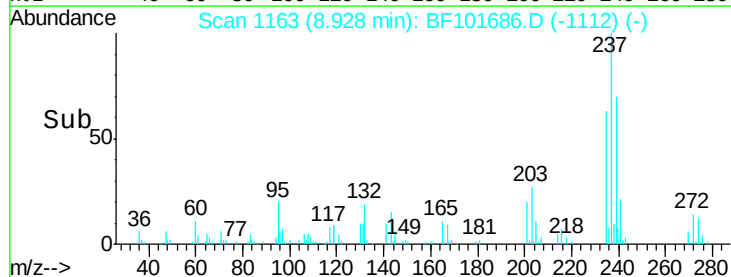
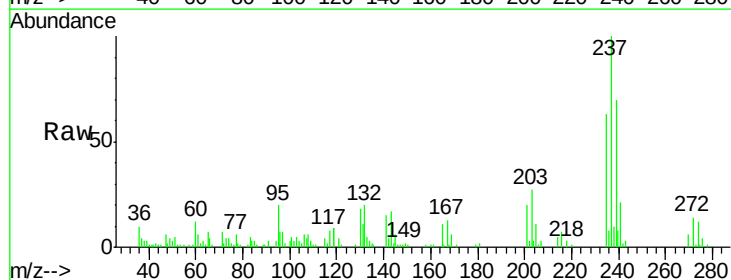
Manual Integrations
 APPROVED

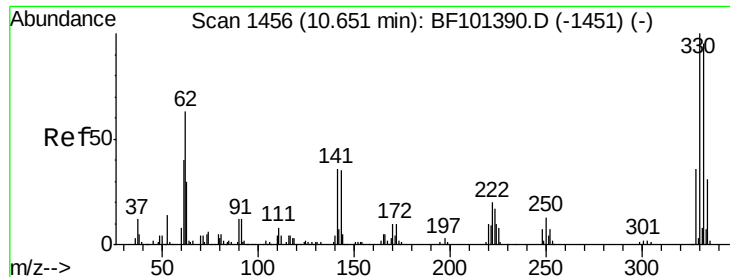
Sohil
 12/26/2017 1:37:43 PM



#40
 Hexachlorocyclopentadiene
 Concen: 31.148 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	33312		
235	62.7	44.8	84.8	
272	13.8	0.0	33.3	





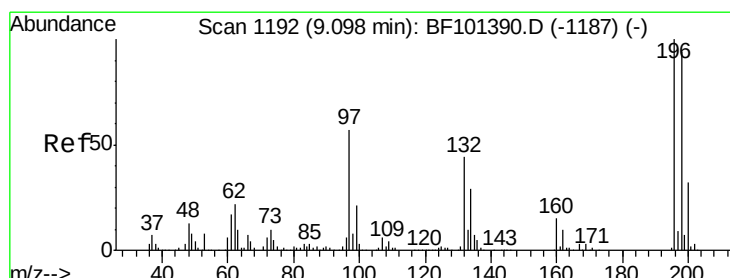
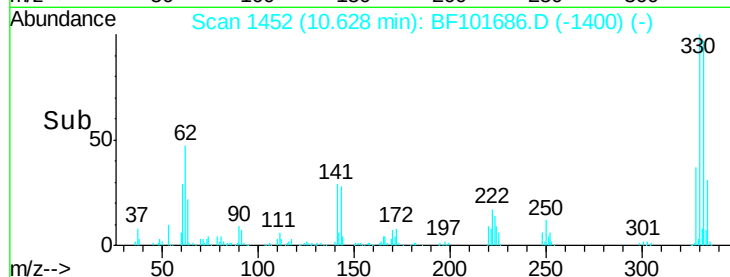
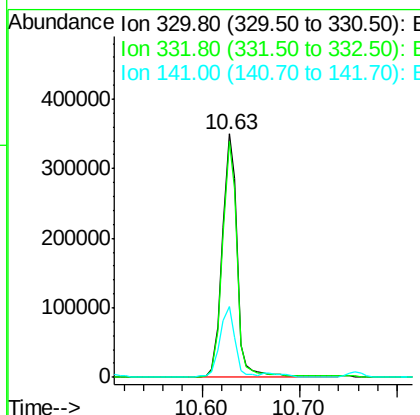
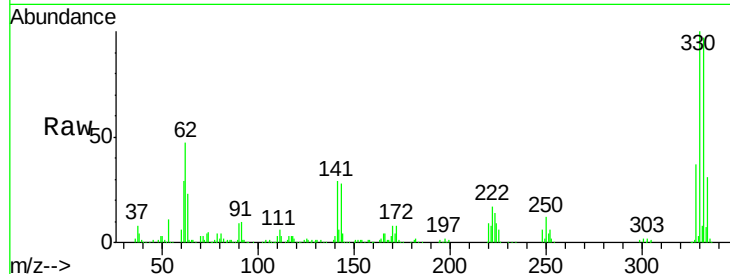
#41
 2,4,6-Tribromophenol
 Concen: 135.711 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	373159		
332	95.9	77.0	115.6	
141	30.0	29.9	44.9	

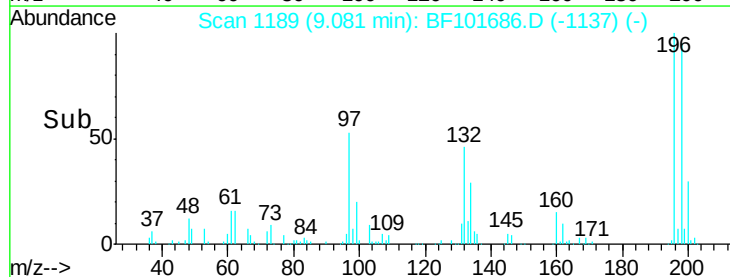
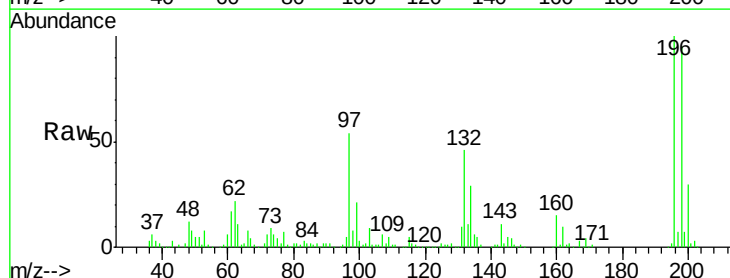
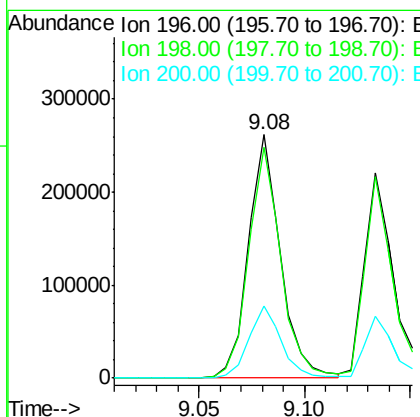
Manual Integrations
 APPROVED

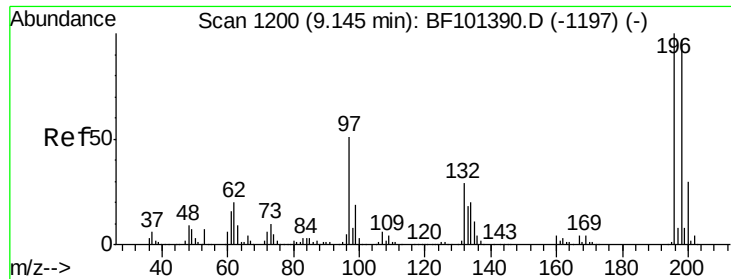
Sohil
 12/26/2017 1:37:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.728 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

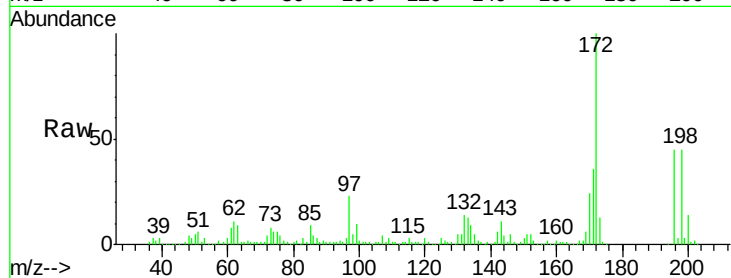
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276835		
198	94.7	75.7	113.5	
200	29.5	24.5	36.7	





#43
 2,4,5-Trichlorophenol
 Concen: 37.438 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

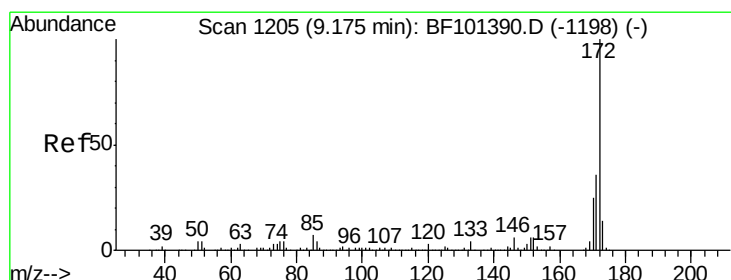
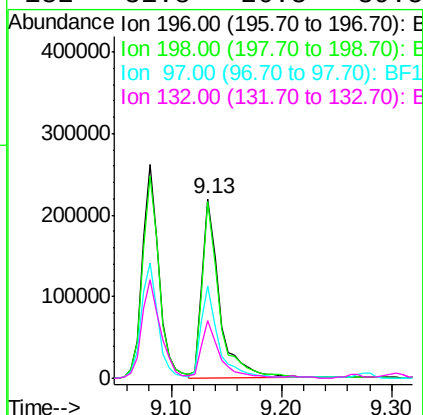
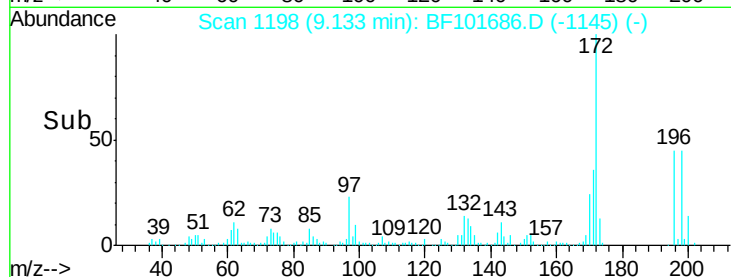
Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS



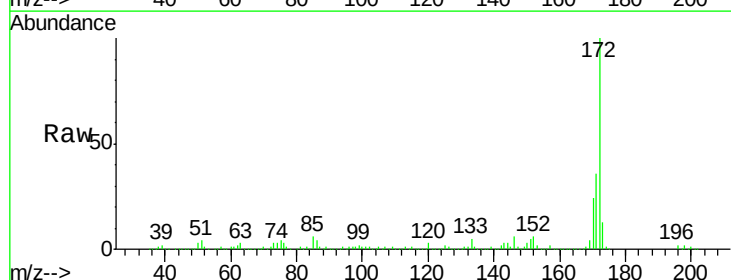
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		237767		
198	98.3	74.6	112.0		
97	51.3	42.9	64.3		
132	31.8	26.3	39.5		

Manual Integrations
 APPROVED

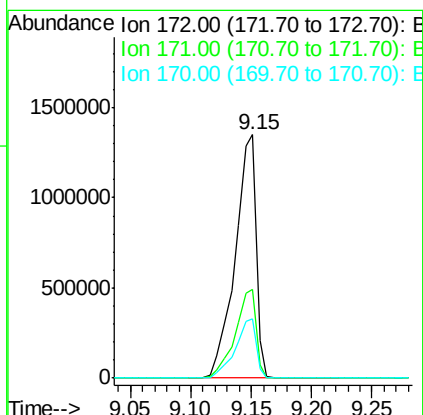
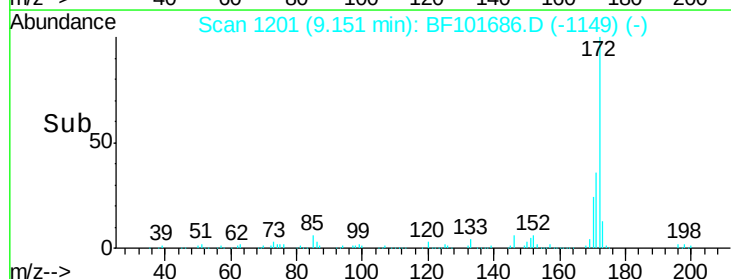
Sohil
 12/26/2017 1:37:43 PM

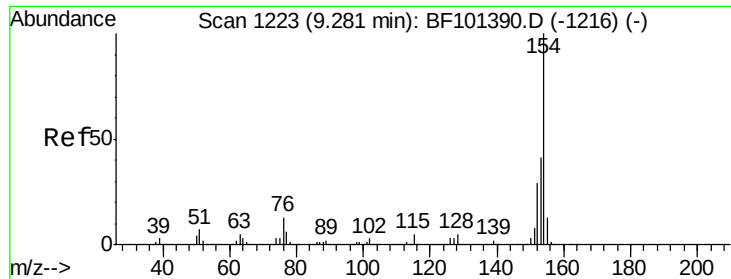


#44
 2-Fluorobiphenyl
 Concen: 88.897 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1635308		
171	36.2	29.7	44.5		
170	24.3	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 46.323 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tgt Ion:154 Resp: 1172305

Ion Ratio Lower Upper

154 100

153 42.4 21.3 61.3

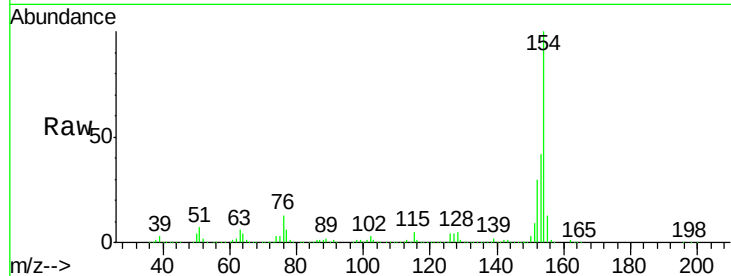
76 13.4 0.0 34.0

Manual Integrations

APPROVED

Sohil

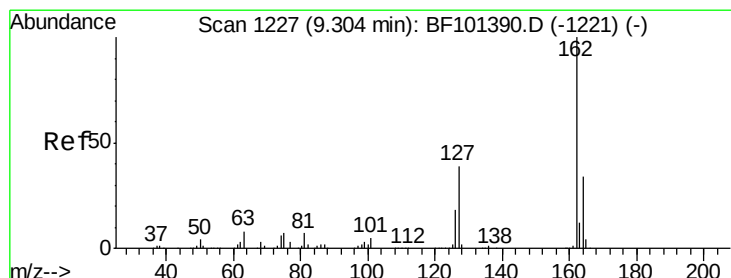
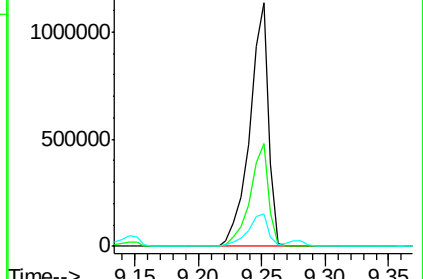
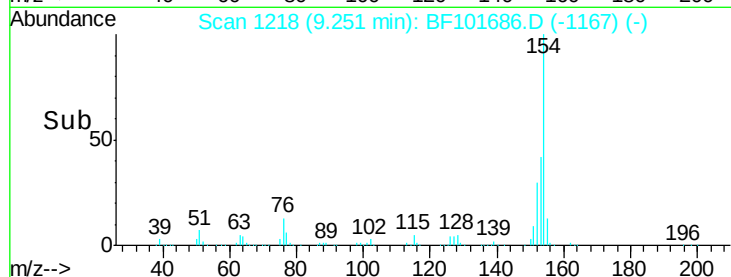
12/26/2017 1:37:43 PM



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: 42.464 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

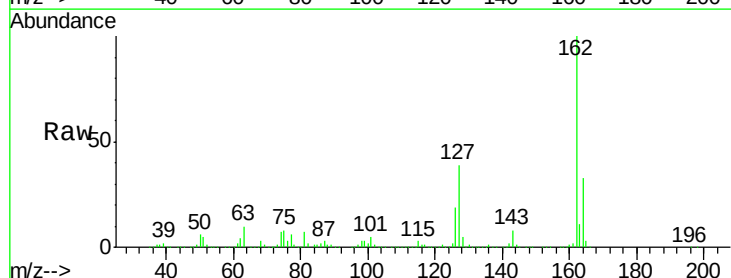
Tgt Ion:162 Resp: 822277

Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

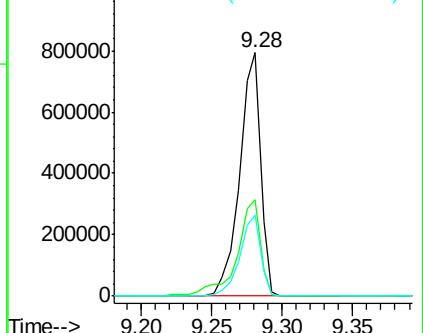
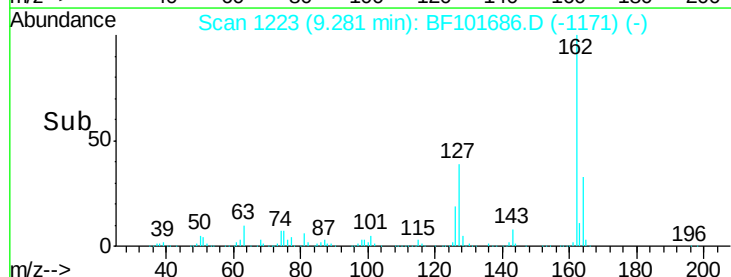
164 33.4 26.5 39.7

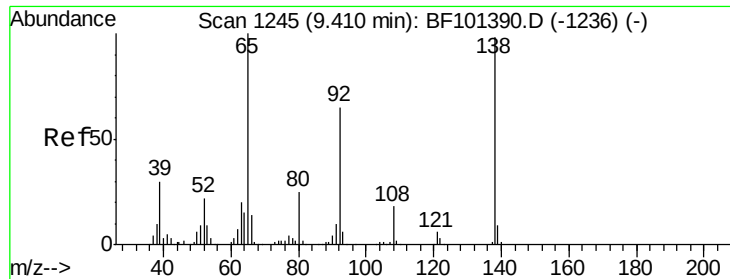


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





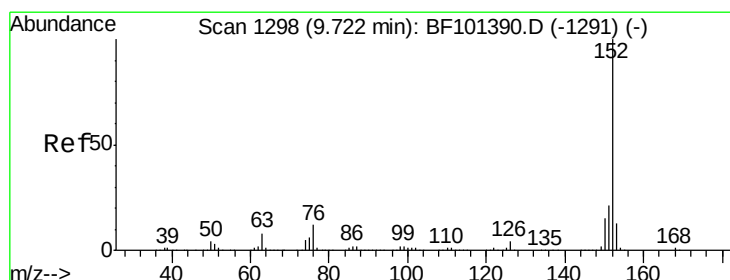
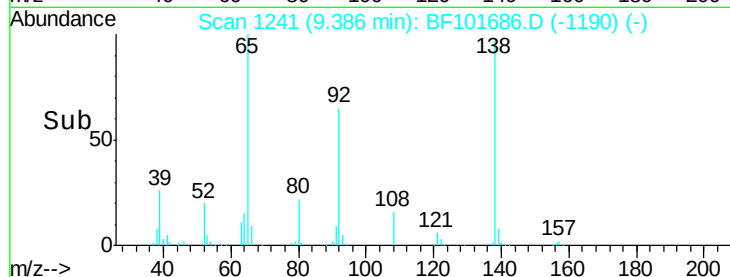
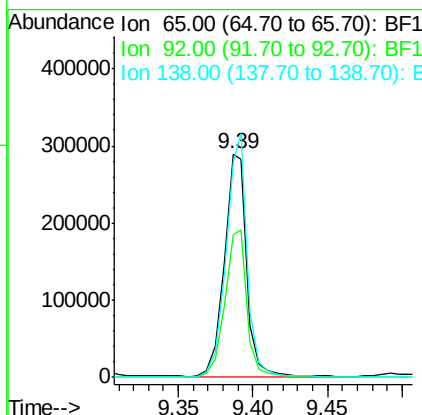
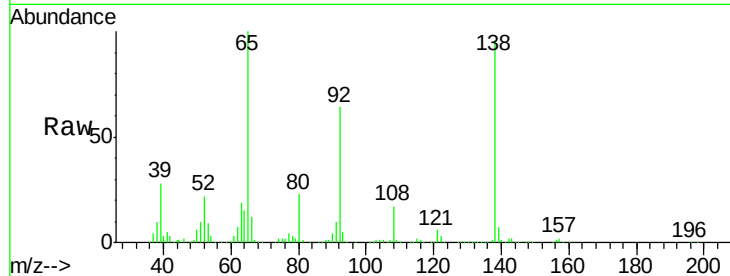
#47
2-Nitroaniline
Concen: 46.002 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	55.8	83.6
138	96.1	91.2	136.8

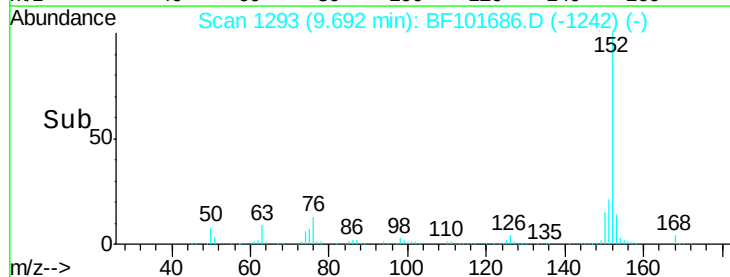
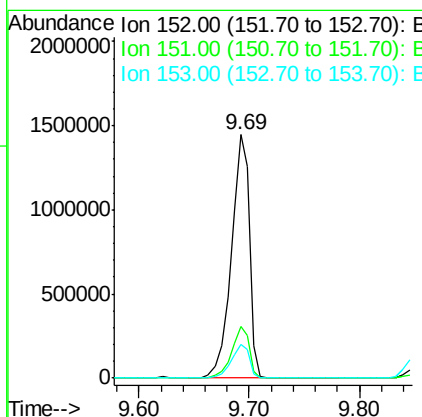
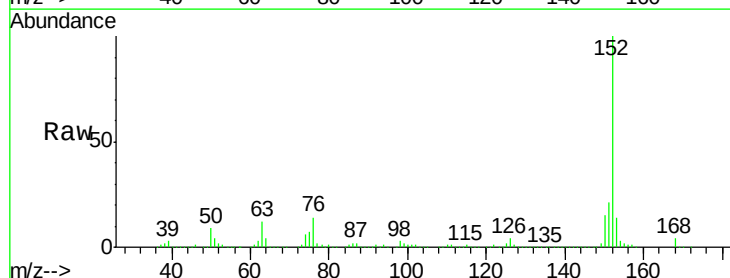
Manual Integrations
APPROVED

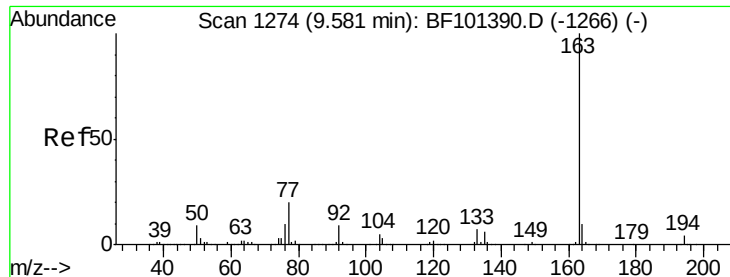
Sohil
12/26/2017 1:37:43 PM



#48
Acenaphthylene
Concen: 54.036 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.7	10.7	16.1





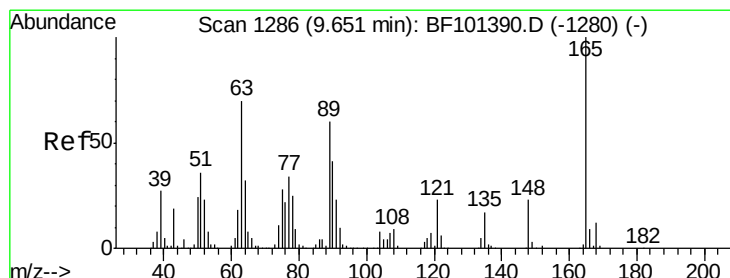
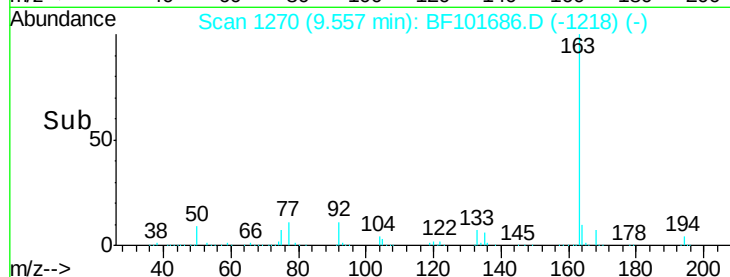
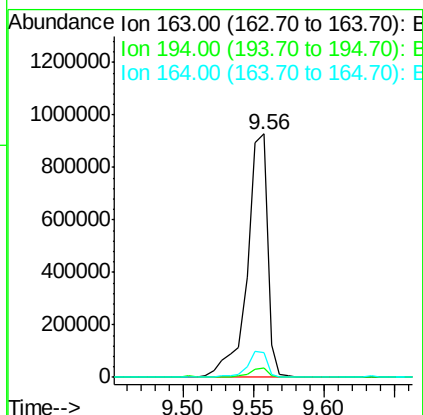
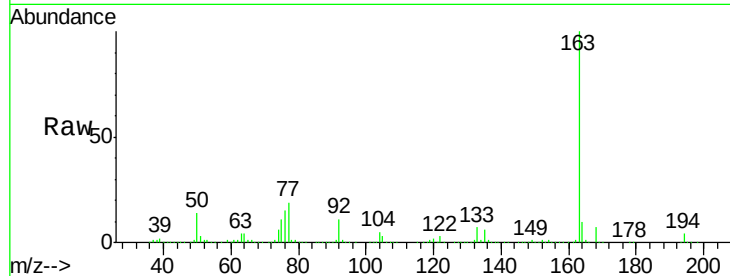
#49
Dimethylphthalate
Concen: 40.563 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	931046		
194	3.9	2.7	4.1	
164	10.0	8.2	12.2	

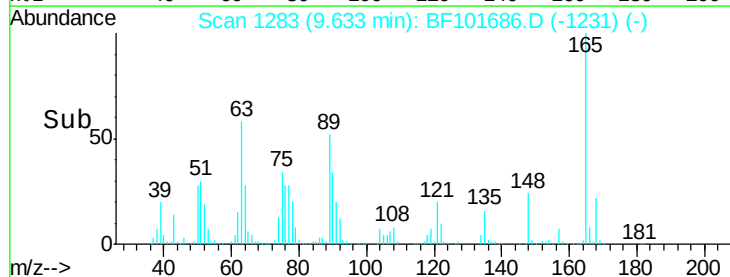
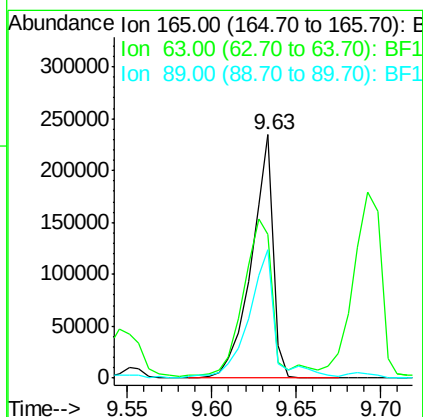
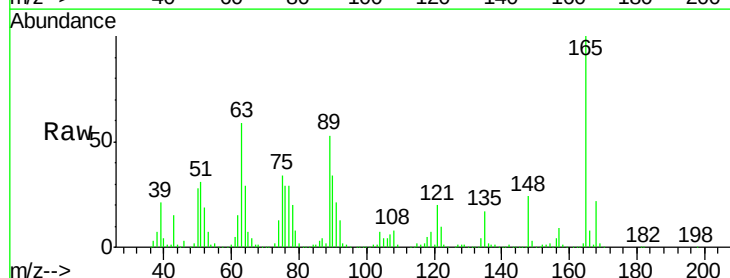
Manual Integrations
APPROVED

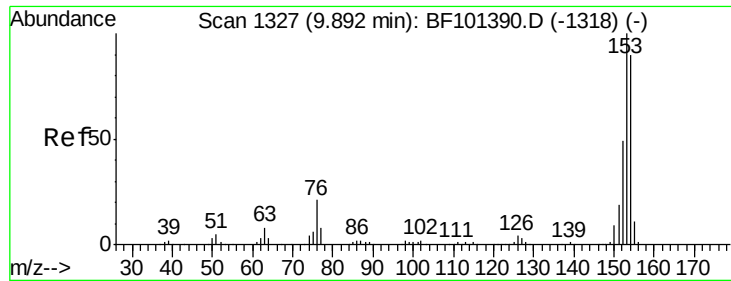
Sohil
12/26/2017 1:37:43 PM



#50
2,6-Dinitrotoluene
Concen: 45.228 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	210993		
63	59.2	44.7	67.1	
89	52.6	44.0	66.0	





#51

Acenaphthene

Concen: 45.459 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

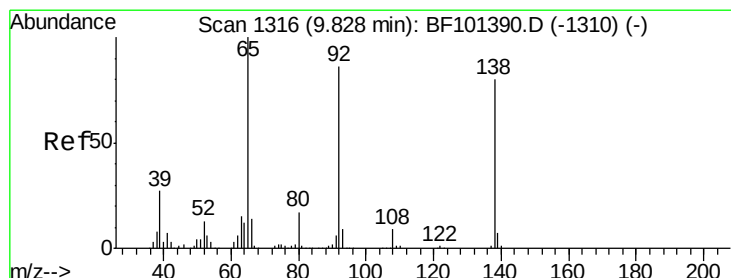
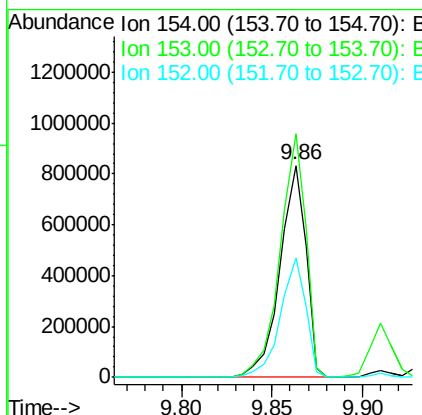
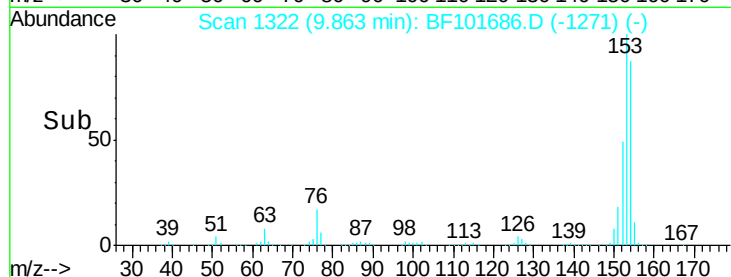
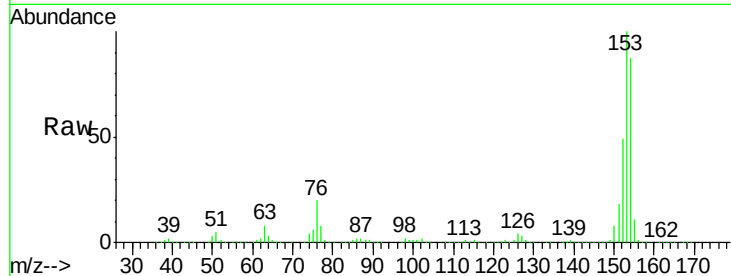
ClientSampleId :

WC-4539-01MS

Tgt Ion:	154	Resp:	835331
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.2	136.8
152	56.4	43.8	65.8

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



#52

3-Nitroaniline

Concen: 13.011 ng

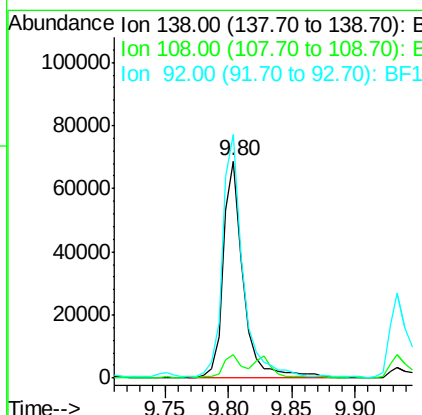
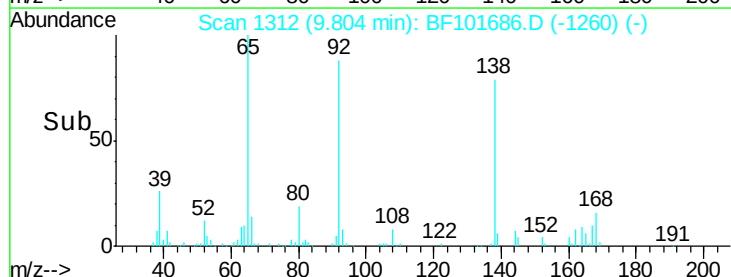
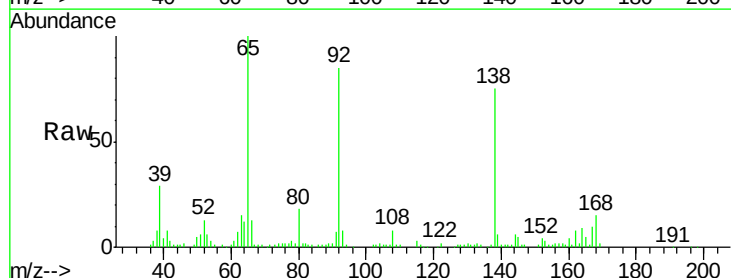
RT: 9.80 min Scan# 1312

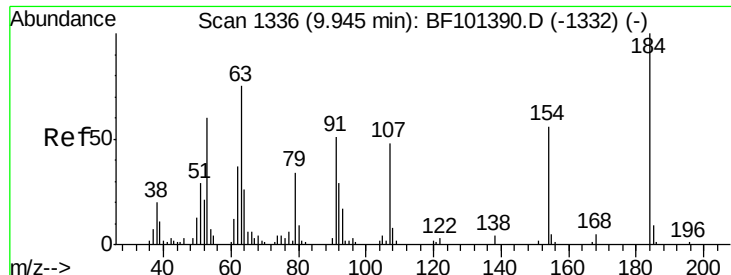
Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion:	138	Resp:	75673
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	112.3	89.4	134.2





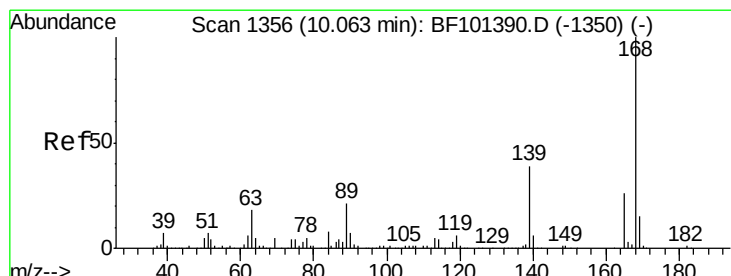
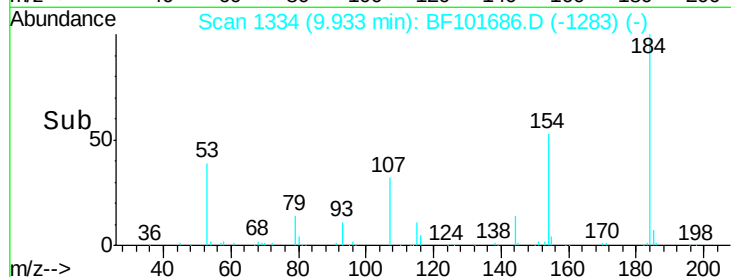
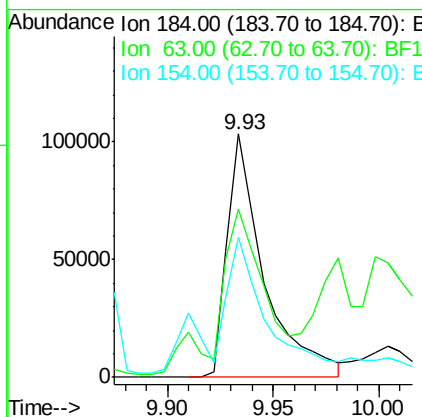
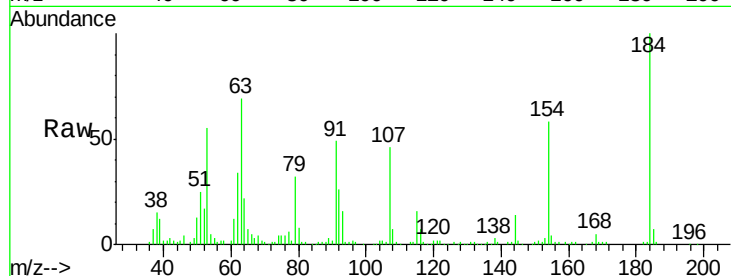
#53
2,4-Dinitrophenol
Concen: 77.195 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	124752		
63	68.9	54.2	81.2	
154	57.6	184.0	276.0	

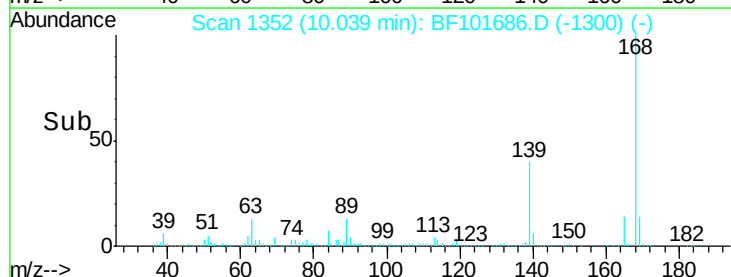
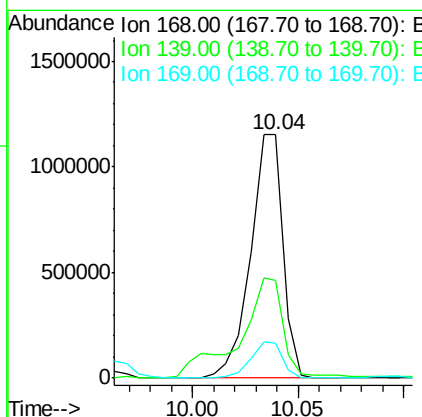
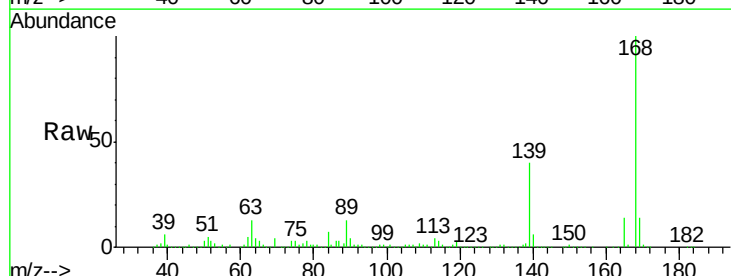
Manual Integrations
APPROVED

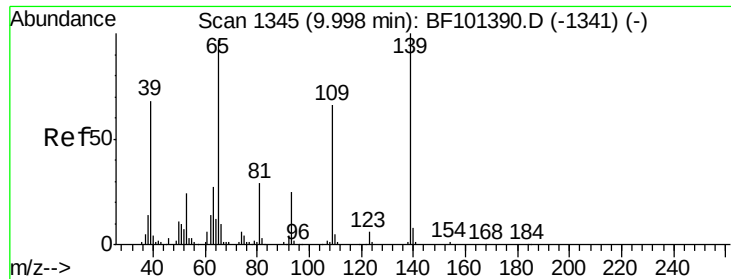
Sohil
12/26/2017 1:37:43 PM



#54
Dibenzofuran
Concen: 52.719 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1231085		
139	40.2	30.1	45.1	
169	14.2	10.9	16.3	





#55

4-Nitrophenol

Concen: 58.965 ng m

RT: 10.00 min Scan# 1346

Delta R.T. 0.02 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tgt Ion:139 Resp: 149542
Ion Ratio Lower Upper

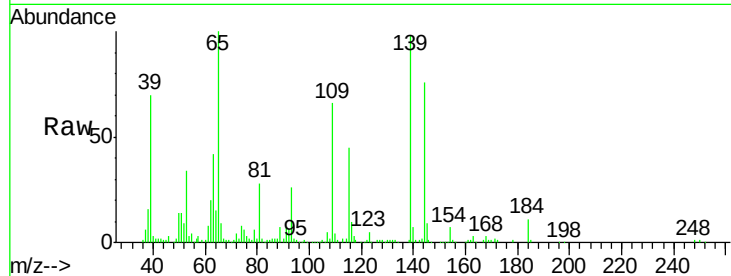
139 100

109 67.8 48.4 88.4

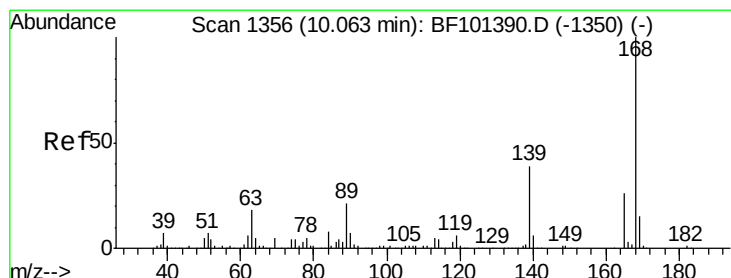
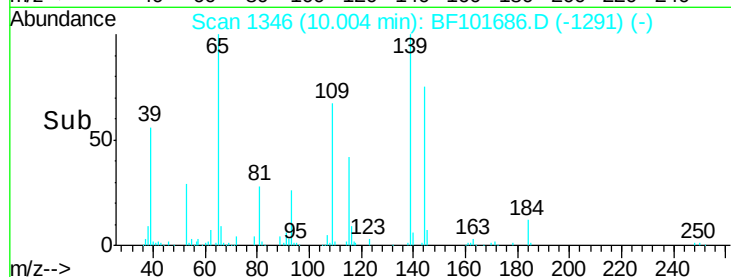
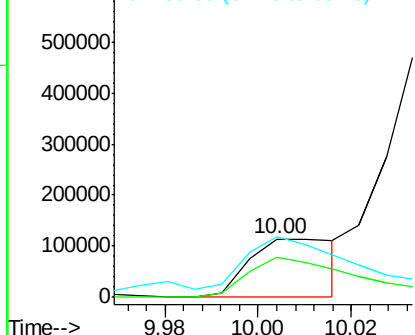
65 102.3 72.6 112.6

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 48.682 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion:165 Resp: 255873
Ion Ratio Lower Upper

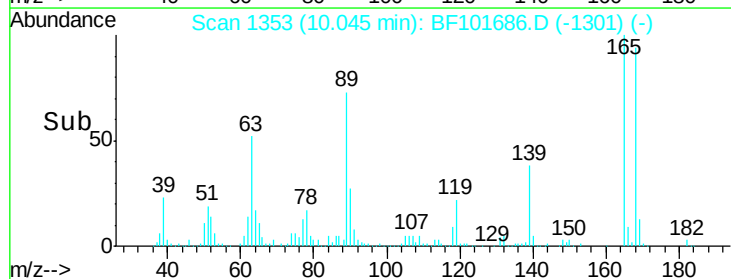
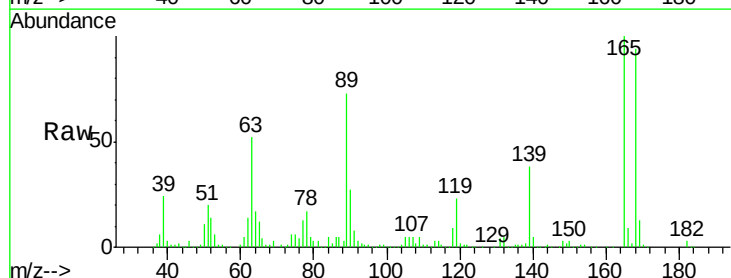
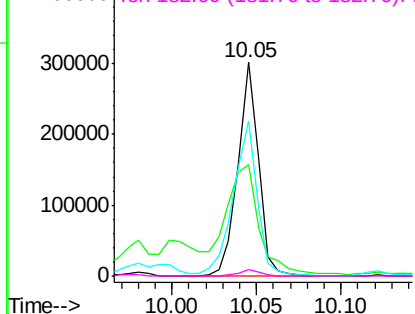
165 100

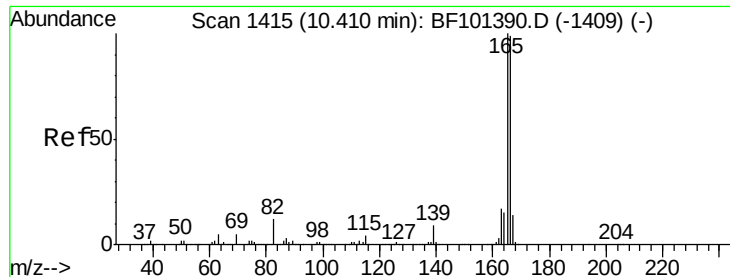
63 52.2 36.4 54.6

89 72.6 57.8 86.6

182 2.7 1.6 2.4#

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.782 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

ClientSampleId :

WC-4539-01MS

Tgt Ion:166 Resp: 1042672

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

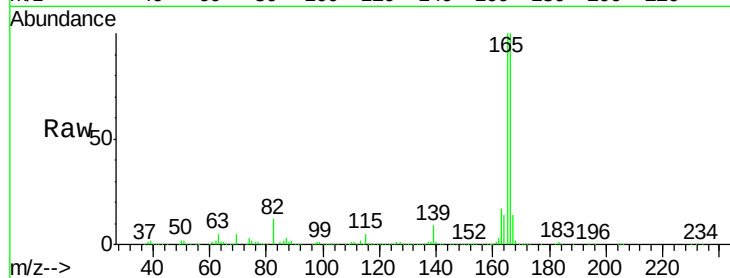
167 13.9 10.6 16.0

Manual Integrations

APPROVED

Sohil

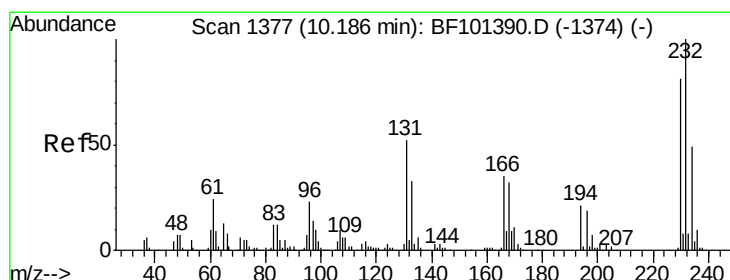
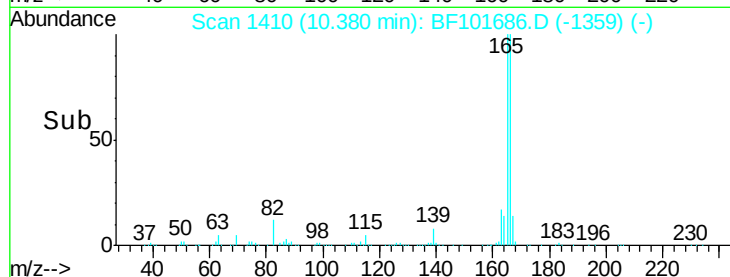
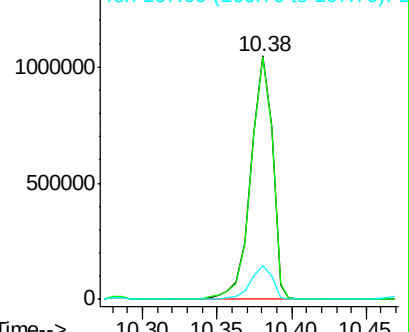
12/26/2017 1:37:43 PM



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: 52.225 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion:232 Resp: 238296

Ion Ratio Lower Upper

232 100

131 42.8 43.8 65.8#

130 1.6 2.1 3.1#

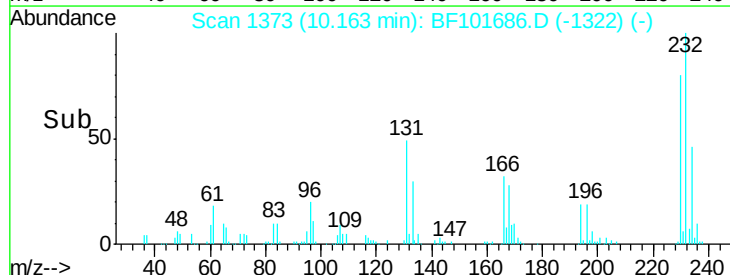
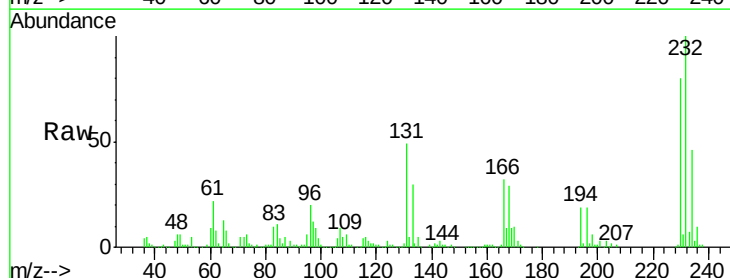
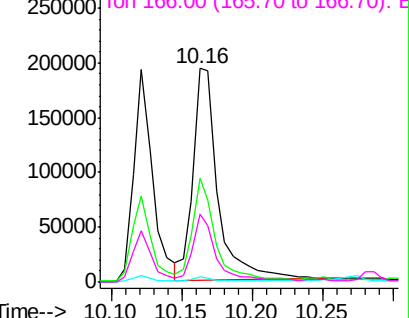
166 28.3 27.8 41.6

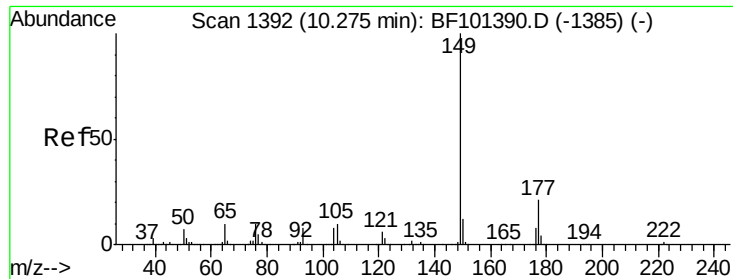
Abundance Ion 232.00 (231.70 to 232.70): E

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





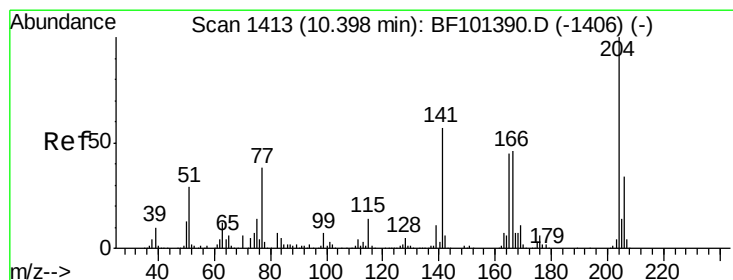
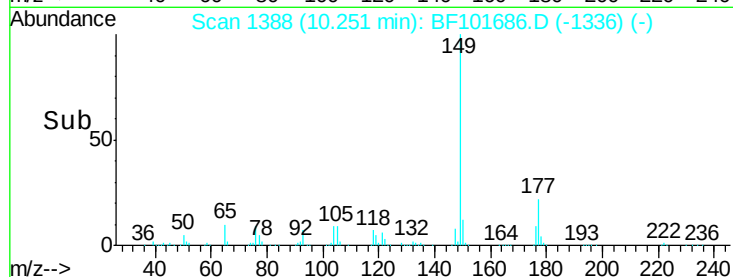
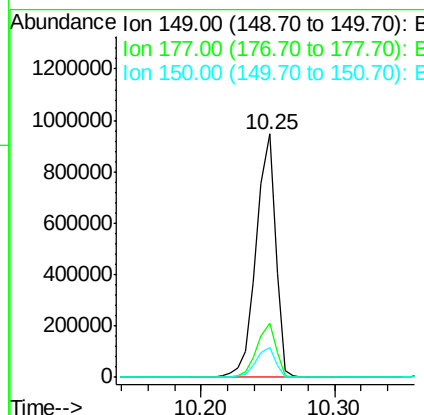
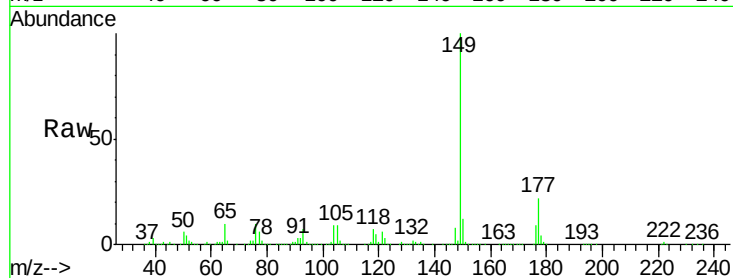
#59
Diethylphthalate
Concen: 41.552 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.5	10.1	15.1

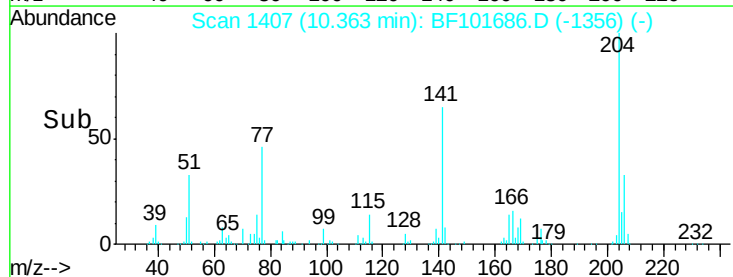
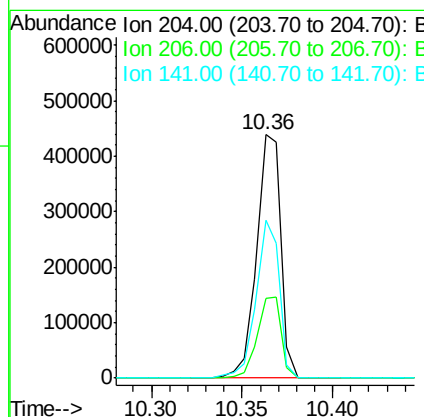
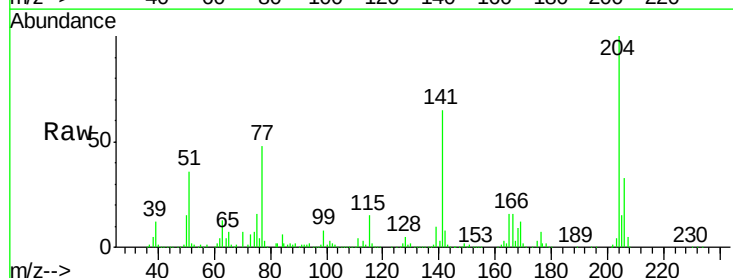
Manual Integrations
APPROVED

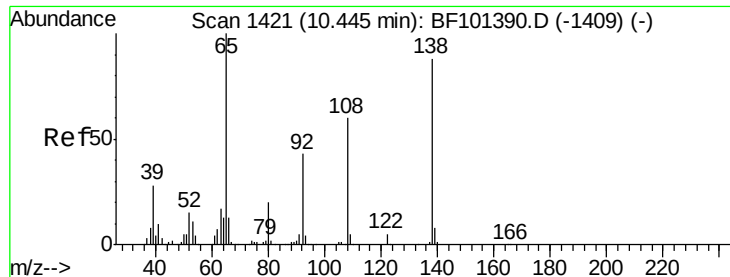
Sohil
12/26/2017 1:37:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.976 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	64.9	54.6	81.8





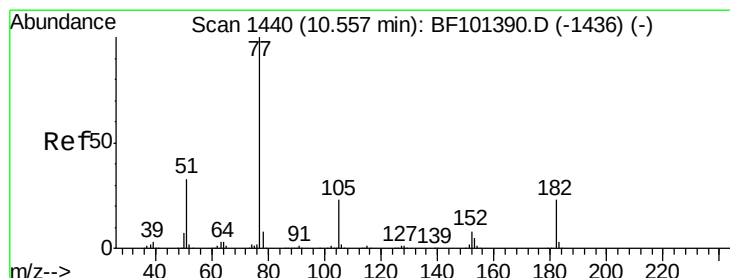
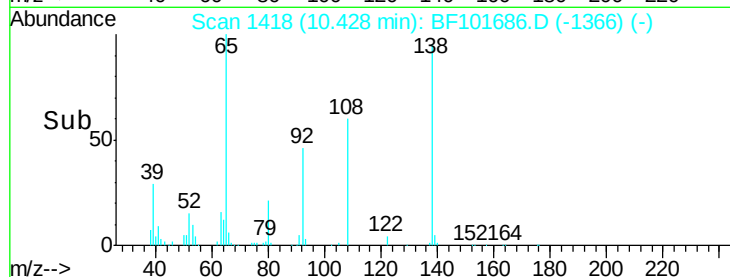
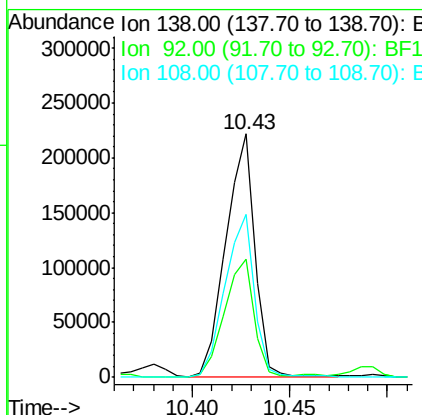
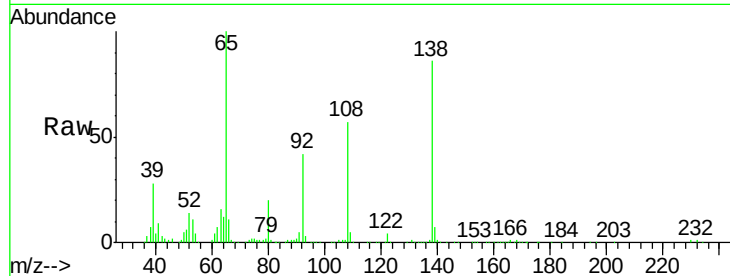
#61
4-Nitroaniline
Concen: 38.919 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.2	70.2
108	66.8	52.5	92.5

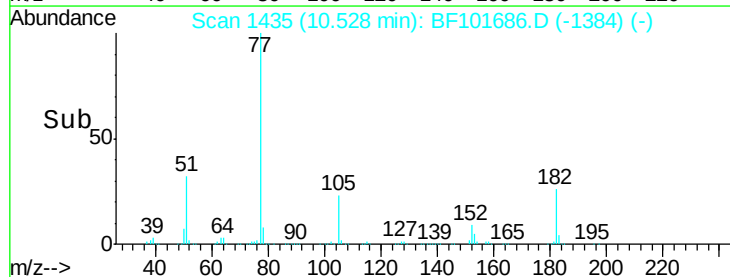
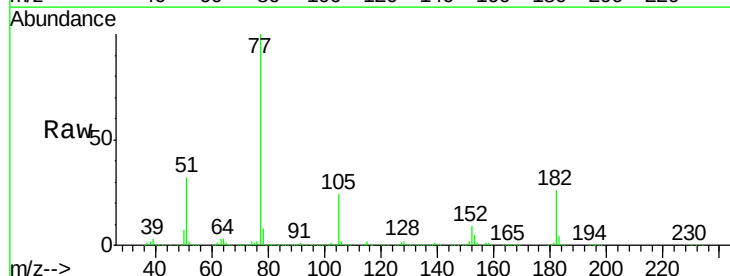
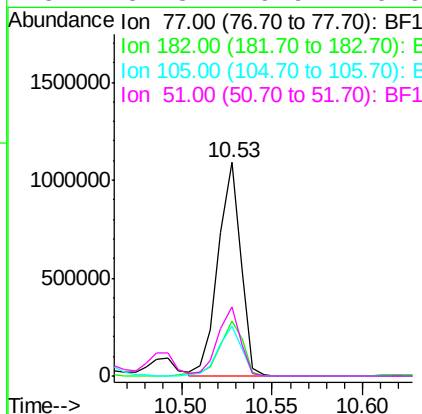
Manual Integrations
APPROVED

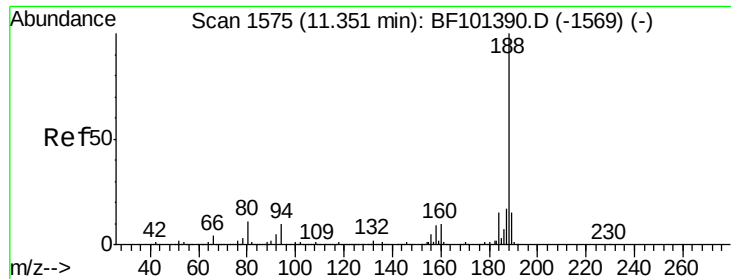
Sohil
12/26/2017 1:37:43 PM



#62
Azobenzene
Concen: 40.291 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	23.6	3.0	43.0
51	32.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

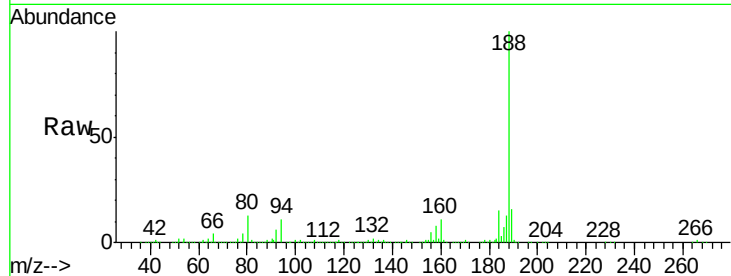
ClientSampleId :

WC-4539-01MS

Tgt Ion:	188	Resp:	501160
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.5	12.7
80	12.9	9.2	13.8

Manual Integrations
APPROVED

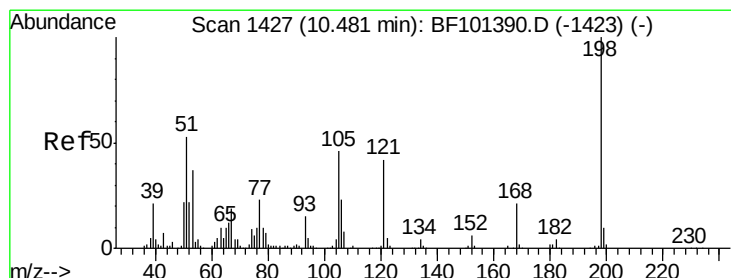
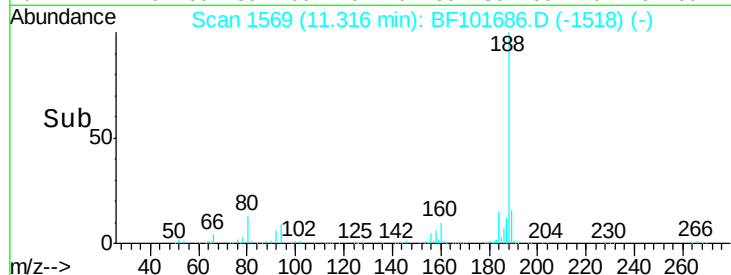
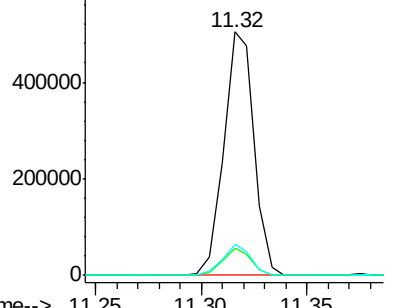
Sohil
12/26/2017 1:37:43 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 35.042 ng

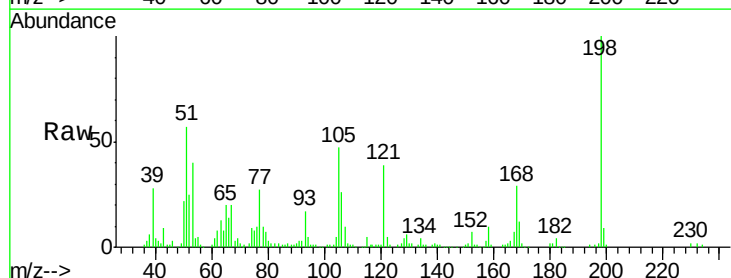
RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

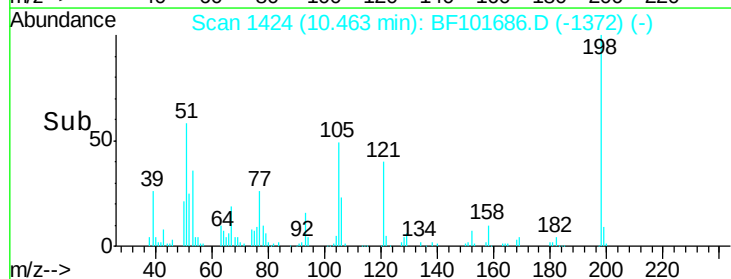
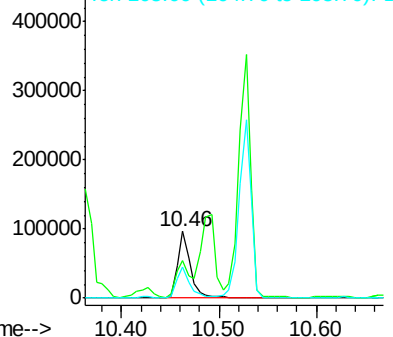
Tgt Ion:	198	Resp:	89618
Ion Ratio	Lower	Upper	
198	100		
51	57.0	37.7	77.7
105	46.8	36.3	76.3

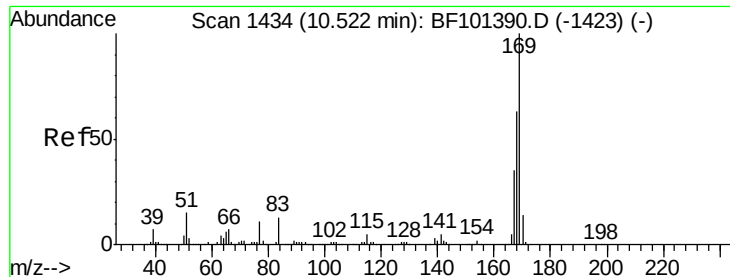


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





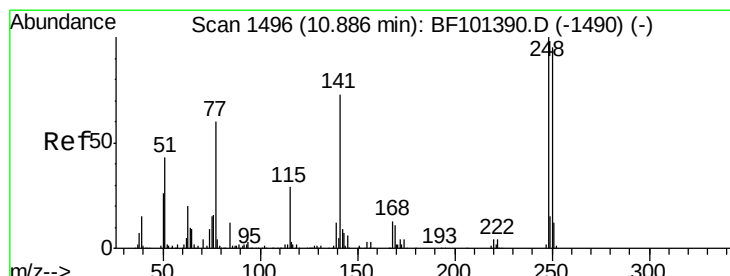
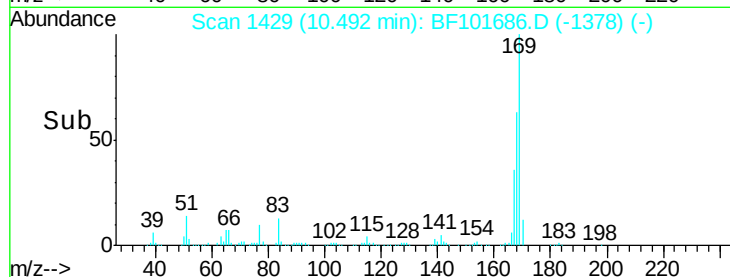
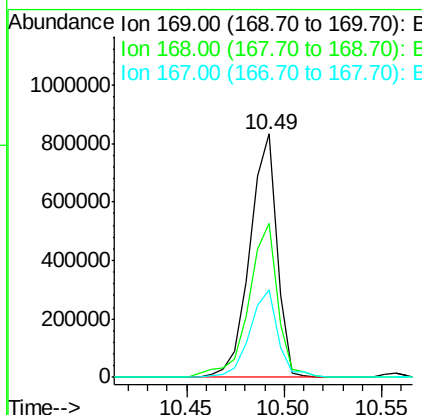
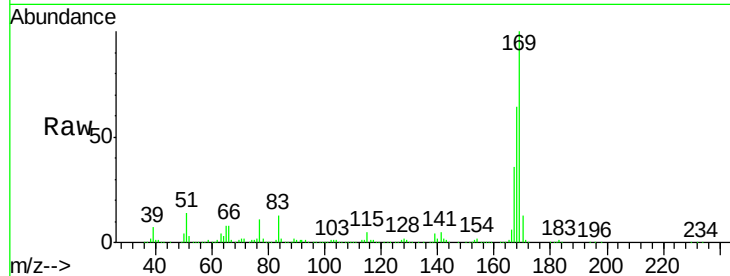
#65
 n-Nitrosodiphenylamine
 Concen: 43.513 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	805219		
168	63.5	54.4	81.6	
167	36.0	29.8	44.6	

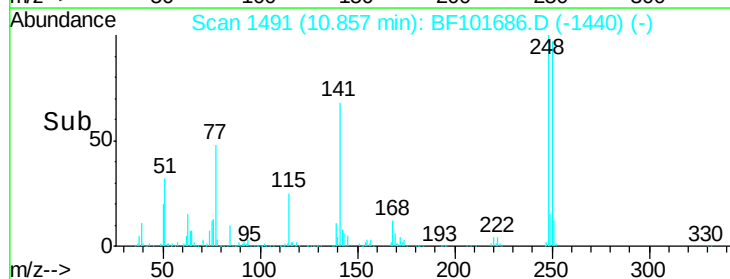
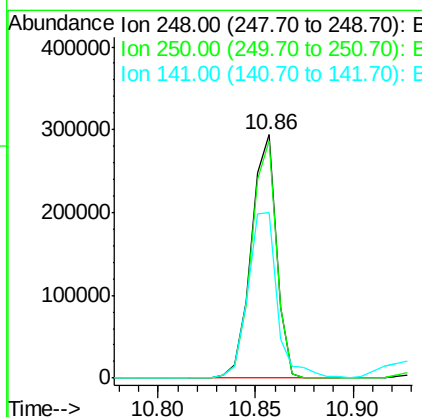
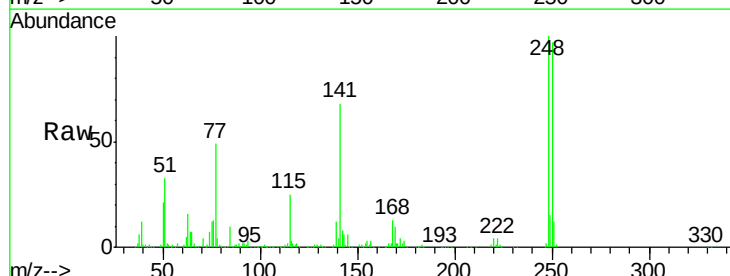
Manual Integrations
 APPROVED

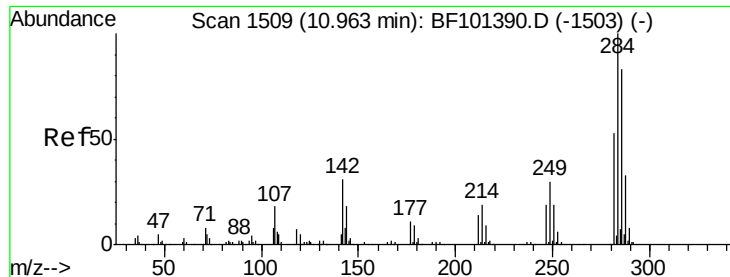
Sohil
 12/26/2017 1:37:43 PM



#66
 4-Bromophenyl-phenylether
 Concen: 46.764 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	263334		
250	97.3	76.9	115.3	
141	68.0	74.4	111.6	





#67

Hexachlorobenzene

Concen: 43.839 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

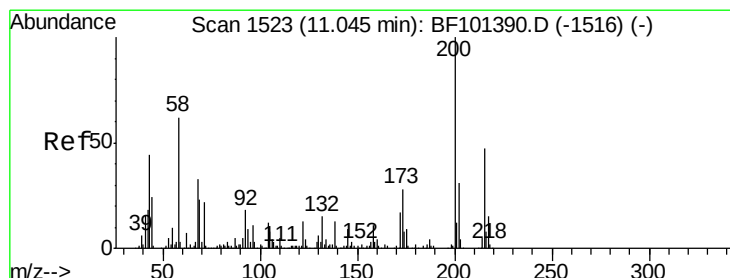
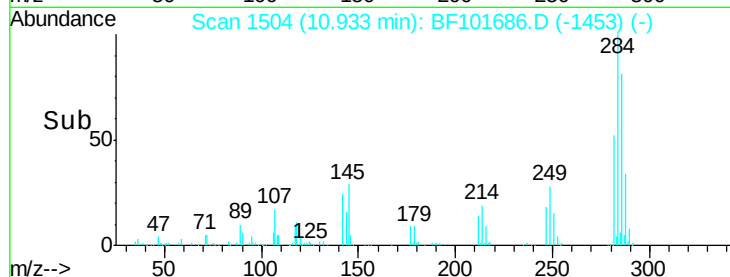
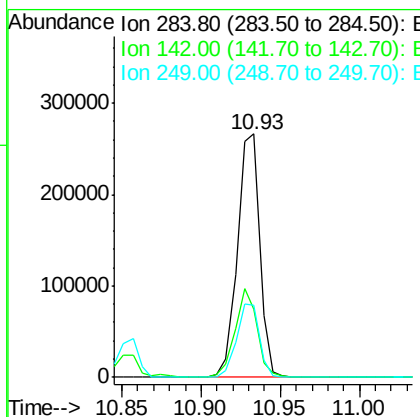
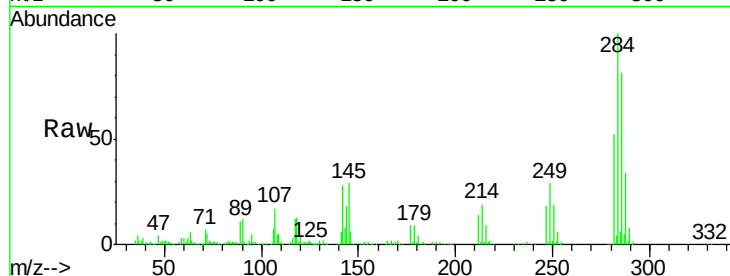
ClientSampleId :

WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	261276		
142	27.9	34.6	52.0	
249	29.4	24.8	37.2	

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



#68

Atrazine

Concen: 41.404 ng

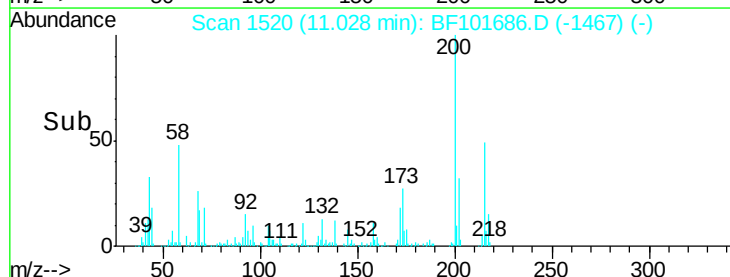
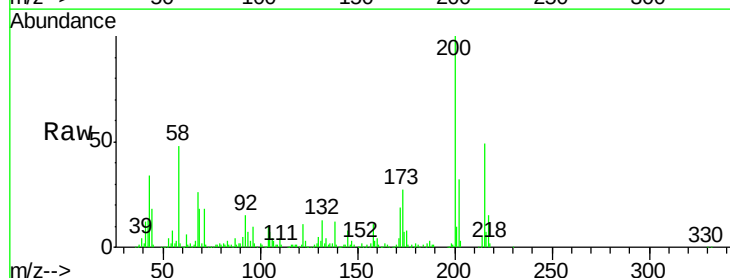
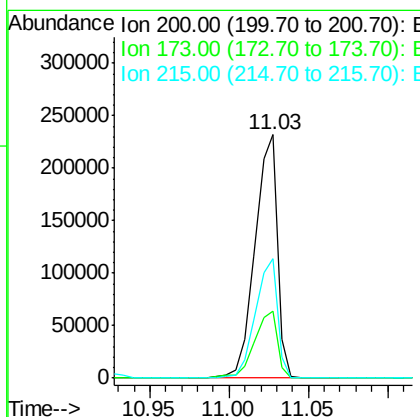
RT: 11.03 min Scan# 1520

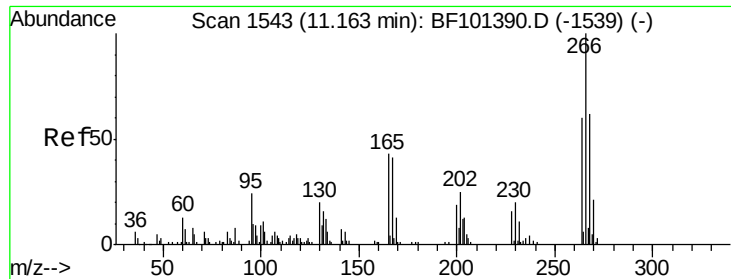
Delta R.T. 0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228458		
173	27.3	8.6	48.6	
215	49.2	25.1	65.1	





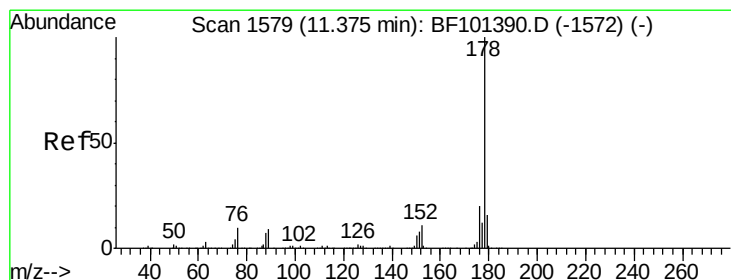
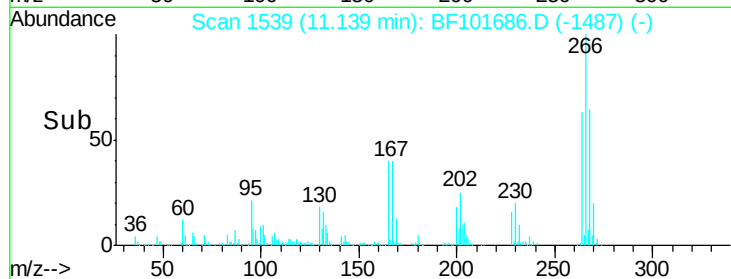
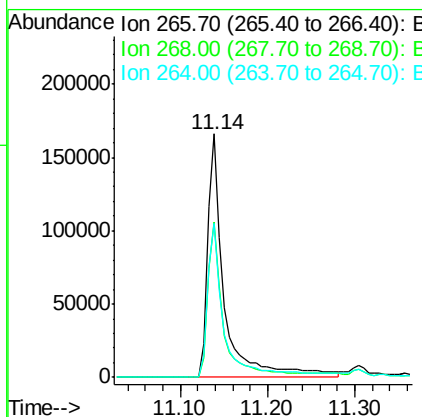
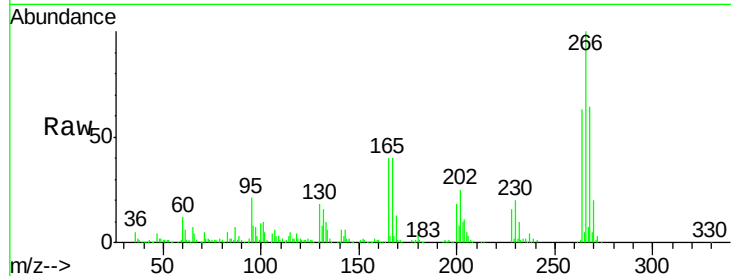
#69
 Pentachlorophenol
 Concen: 94.207 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.3	49.5	74.3

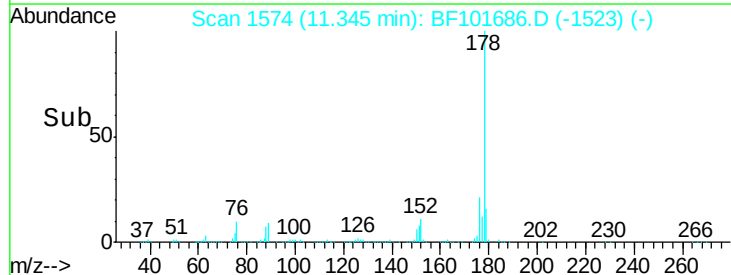
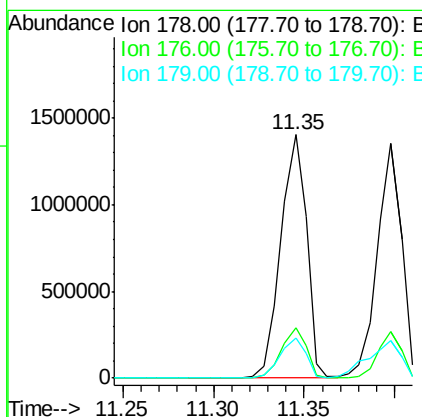
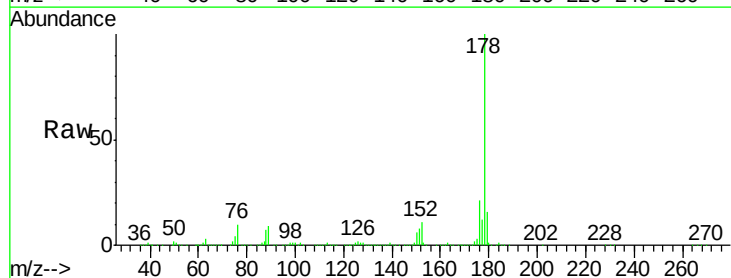
Manual Integrations
 APPROVED

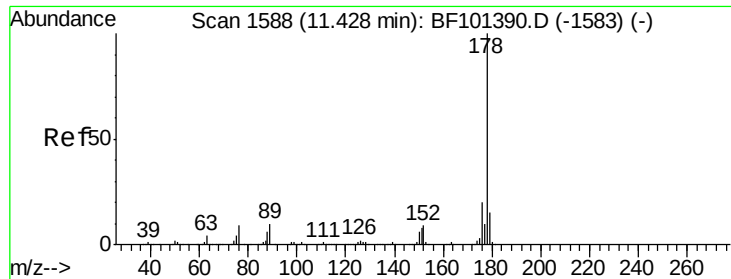
Sohil
 12/26/2017 1:37:43 PM



#70
 Phenanthrene
 Concen: 50.088 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	16.3	13.0	19.6





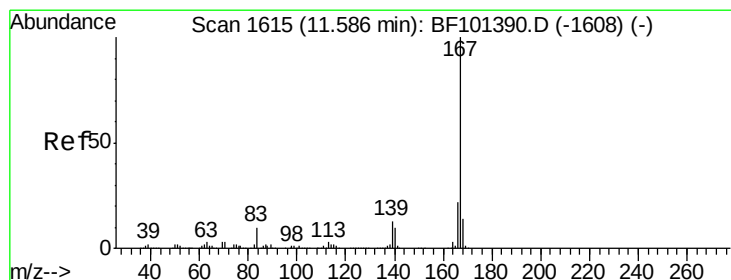
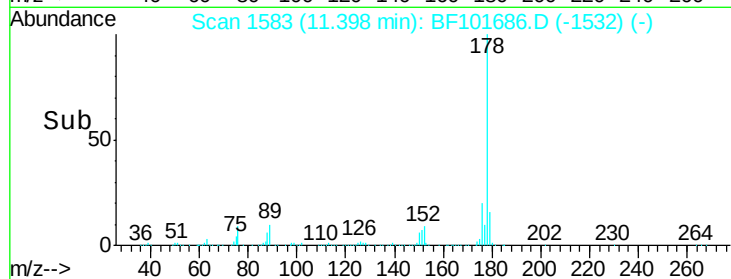
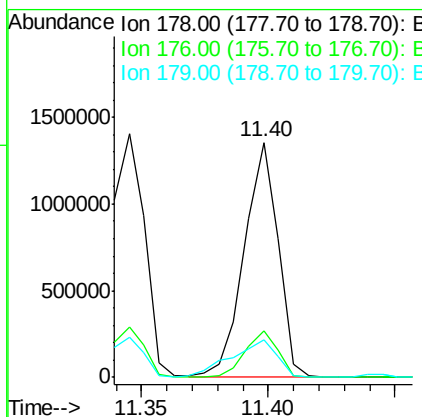
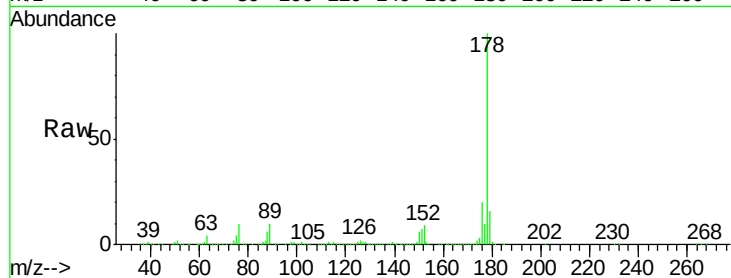
#71
 Anthracene
 Concen: 44.006 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion:178 Resp: 1252807
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 16.1 12.6 19.0

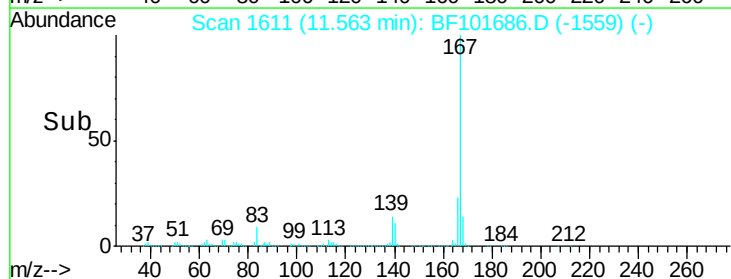
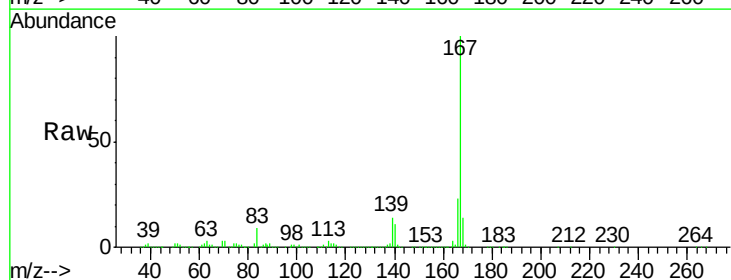
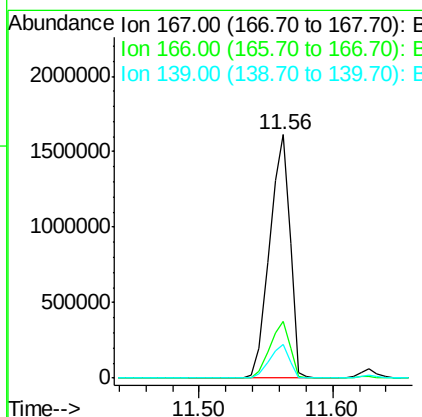
Manual Integrations
 APPROVED

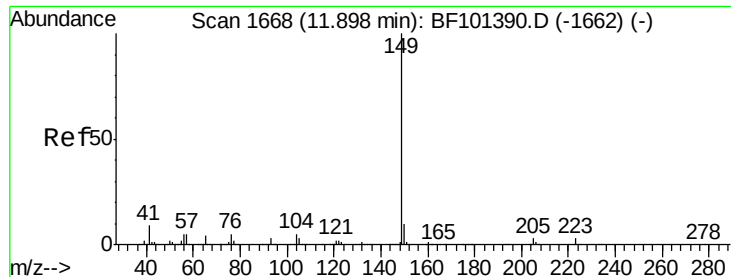
Sohil
 12/26/2017 1:37:43 PM



#72
 Carbazole
 Concen: 64.367 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion:167 Resp: 1715652
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.042 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

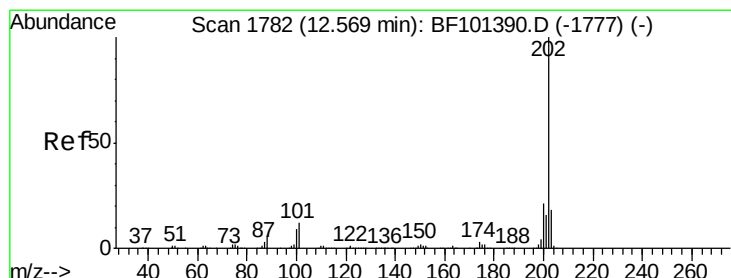
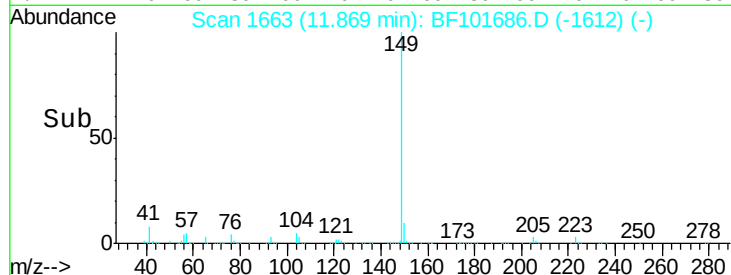
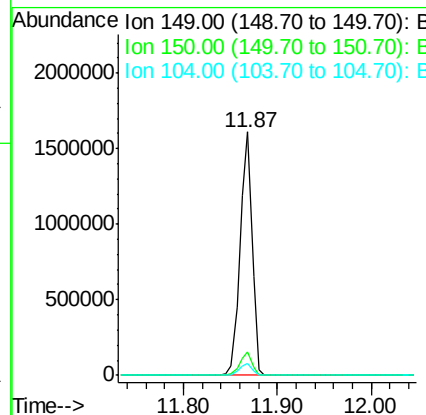
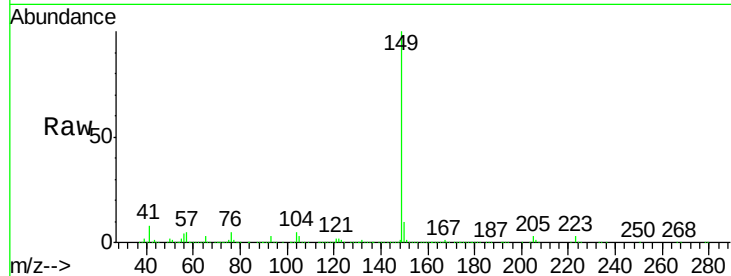
ClientSampleId :

WC-4539-01MS

Tgt Ion:	149	Resp:	1424811
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.1	3.8	5.8

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



#74

Fluoranthene

Concen: 40.366 ng

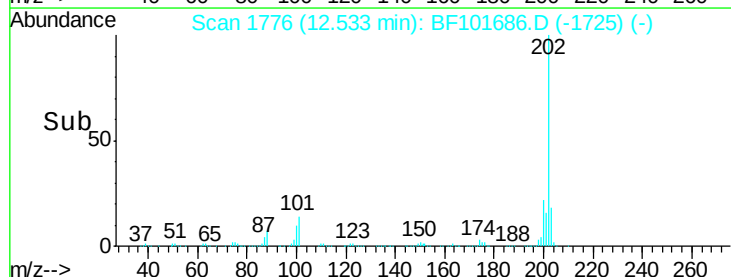
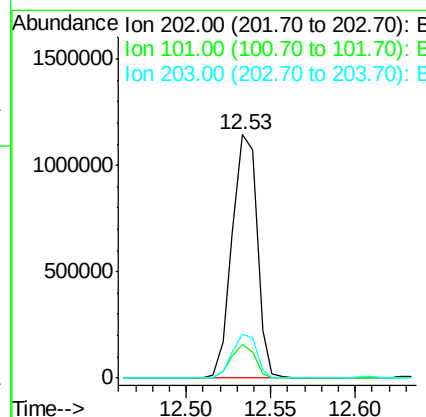
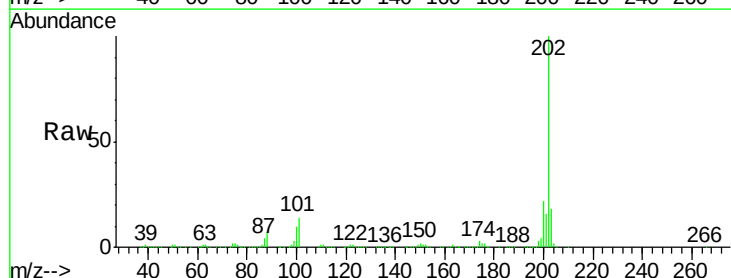
RT: 12.53 min Scan# 1776

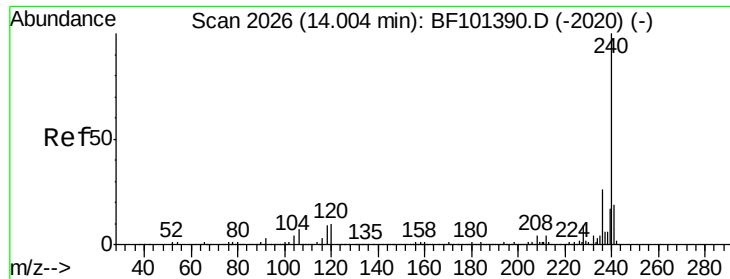
Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion:	202	Resp:	1180853
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

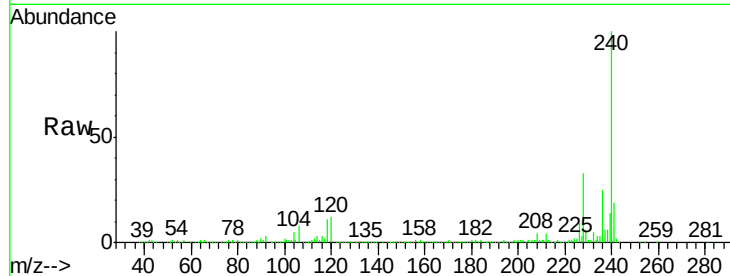
ClientSampleId :

WC-4539-01MS

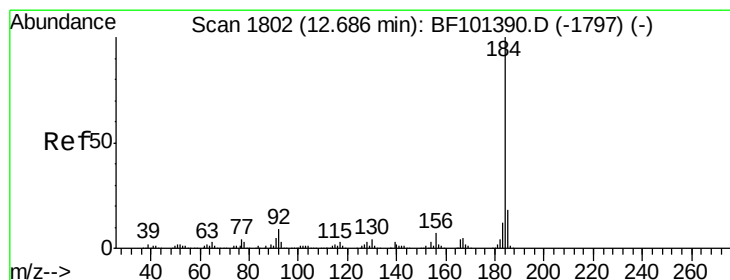
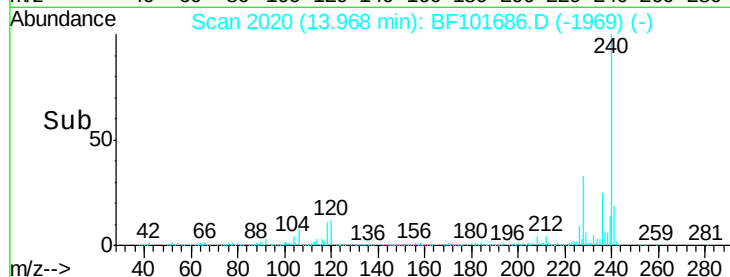
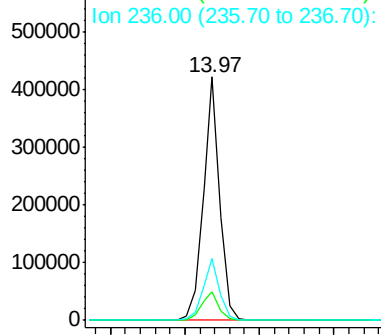
Tgt Ion:	240	Resp:	325957
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



Abundance Ion 240.00 (239.70 to 240.70): E



#76

Benzidine

Concen: 3.741 ng

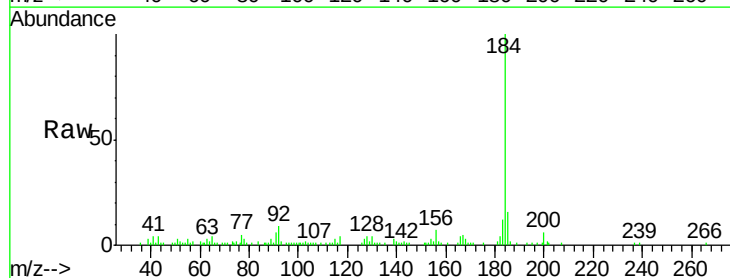
RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

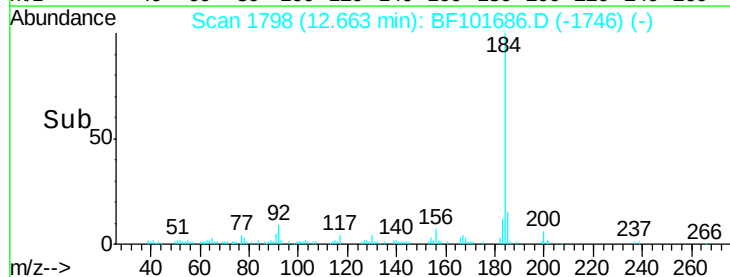
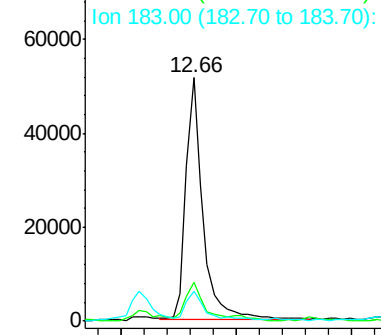
Lab File: BF101686.D

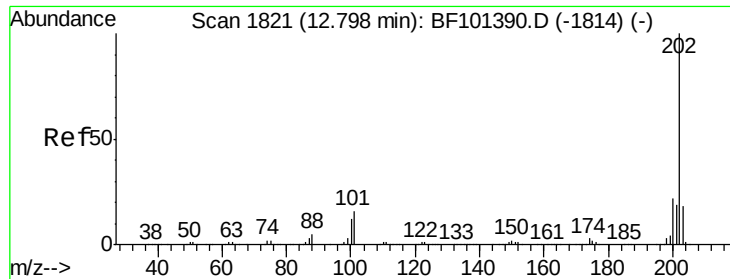
Acq: 23 Dec 2017 7:14

Tgt Ion:	184	Resp:	51499
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	12.3	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E





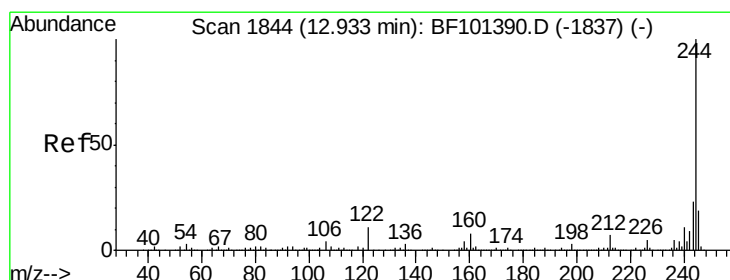
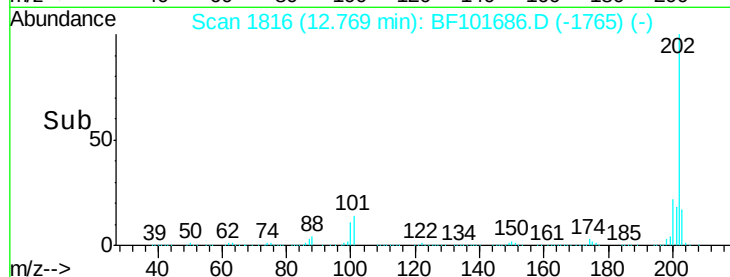
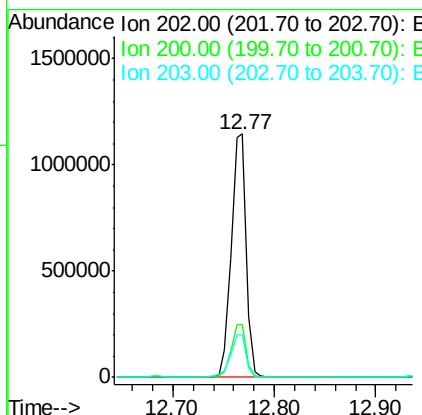
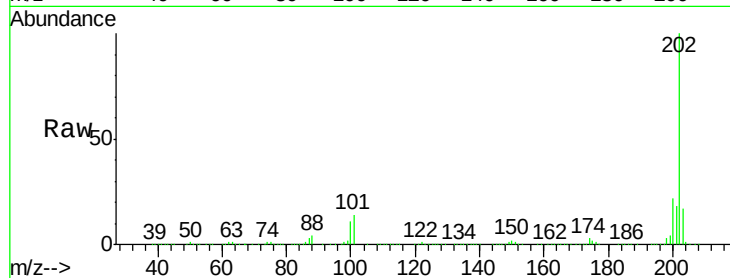
#77
 Pyrene
 Concen: 47.757 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.5	14.3	21.5

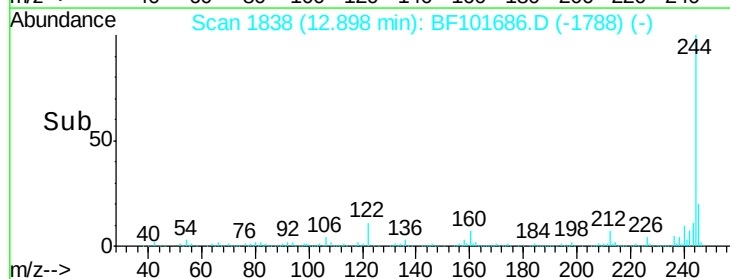
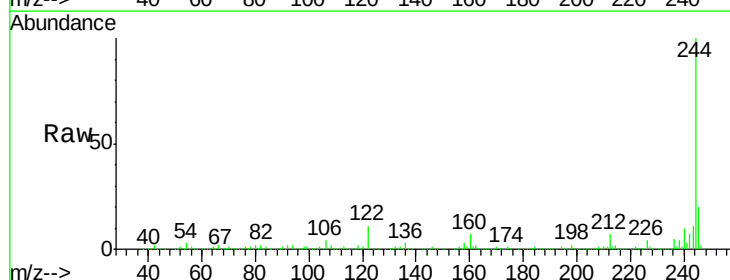
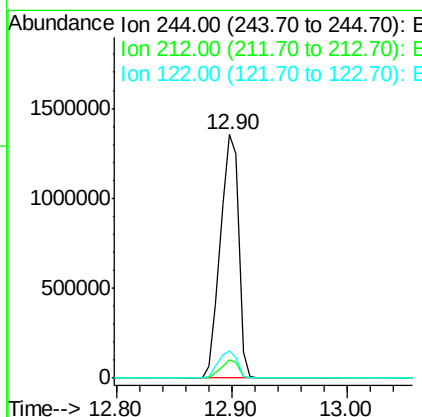
Manual Integrations
 APPROVED

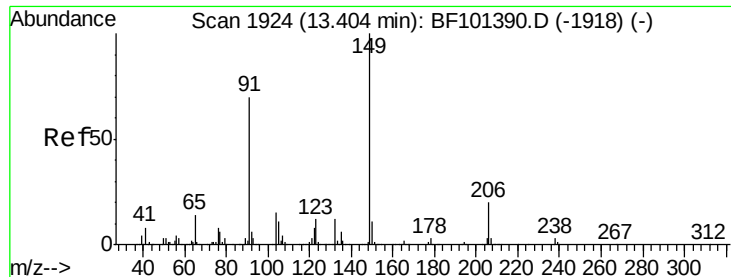
Sohil
 12/26/2017 1:37:43 PM



#78
 Terphenyl-d14
 Concen: 110.240 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.1	11.0	16.4





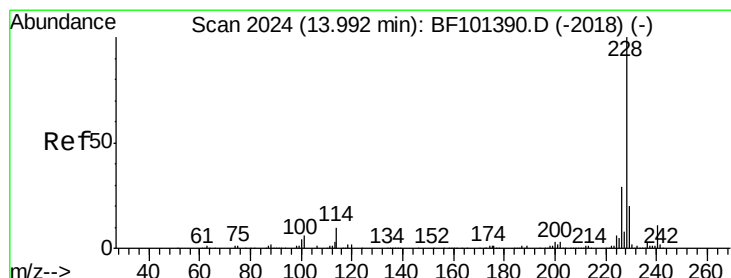
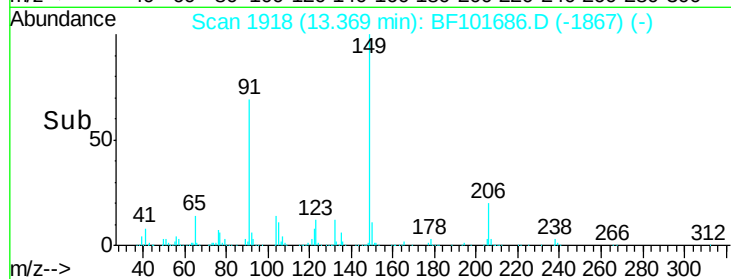
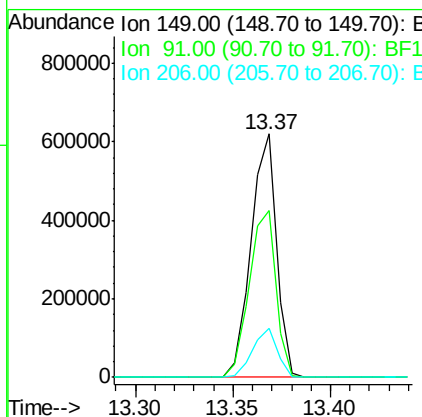
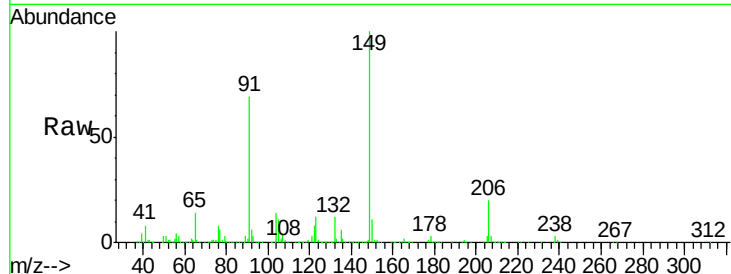
#79
Butylbenzylphthalate
Concen: 50.913 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	563550		
91	68.7	56.8	85.2	
206	20.0	14.1	21.1	

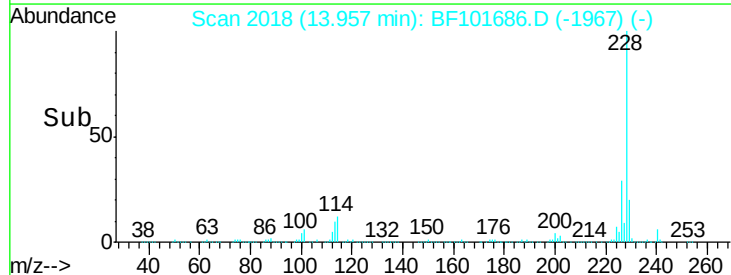
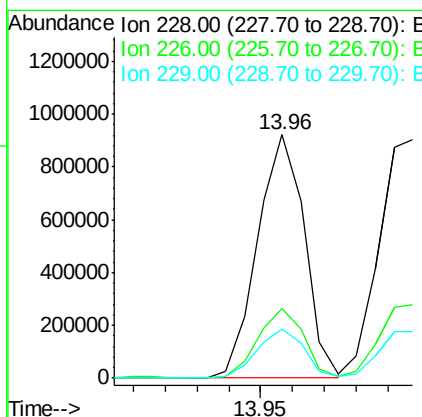
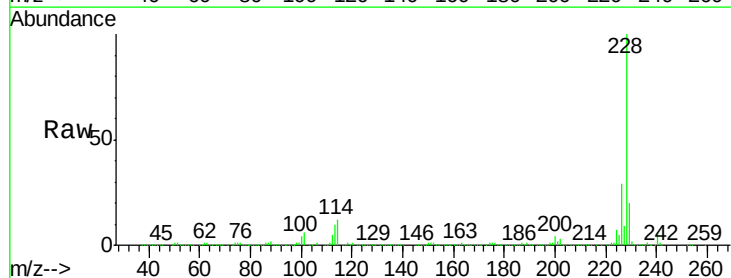
Manual Integrations
APPROVED

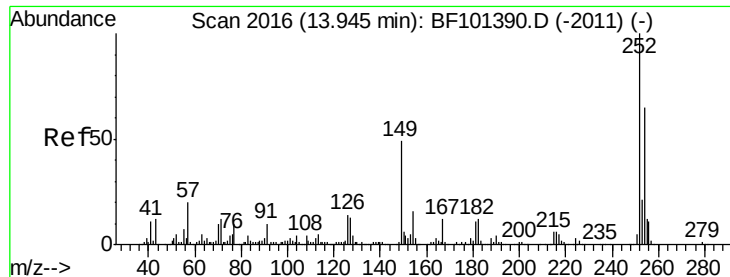
Sohil
12/26/2017 1:37:43 PM



#80
Benzo(a)anthracene
Concen: 44.109 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	949380		
226	28.6	22.6	33.8	
229	20.1	15.8	23.6	





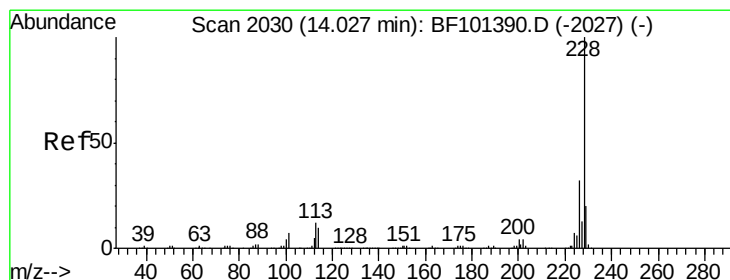
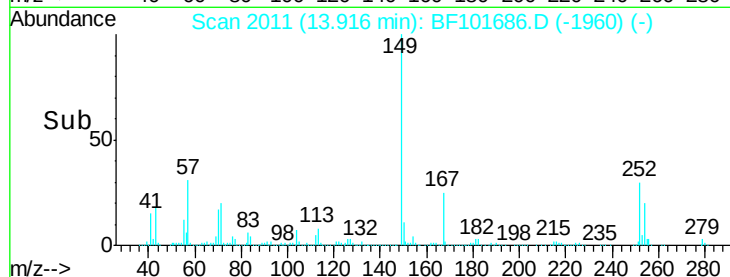
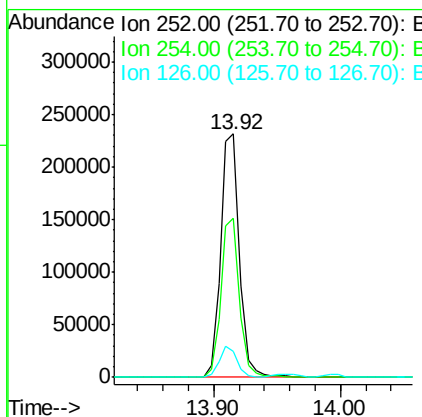
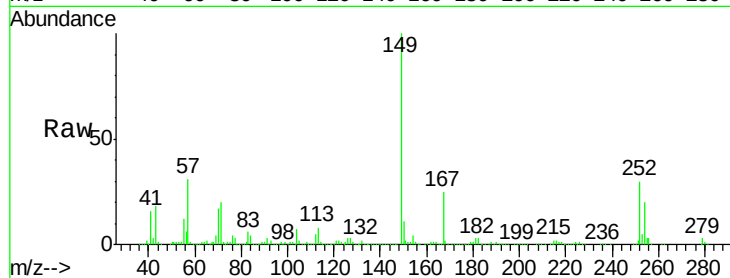
#81
 3,3'-Dichlorobenzidine
 Concen: 34.143 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	50.4	75.6
126	10.6	11.3	16.9#

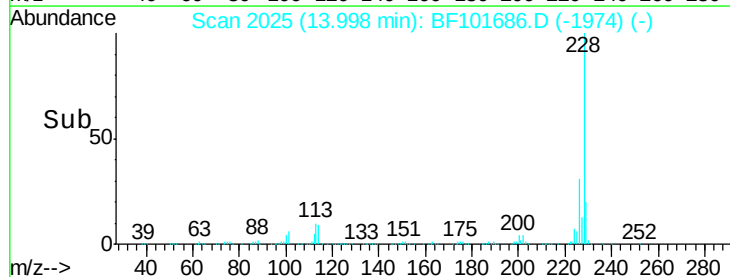
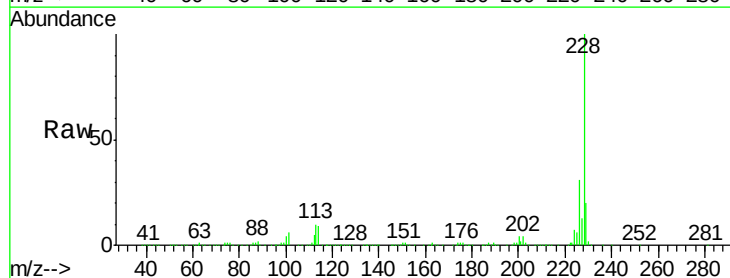
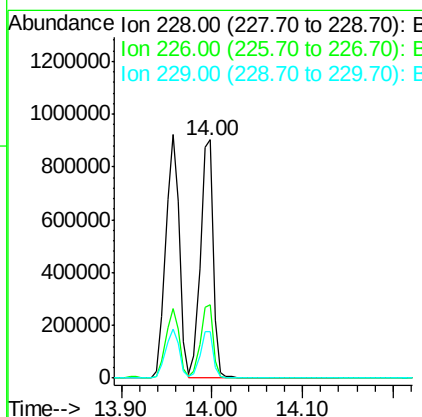
Manual Integrations
 APPROVED

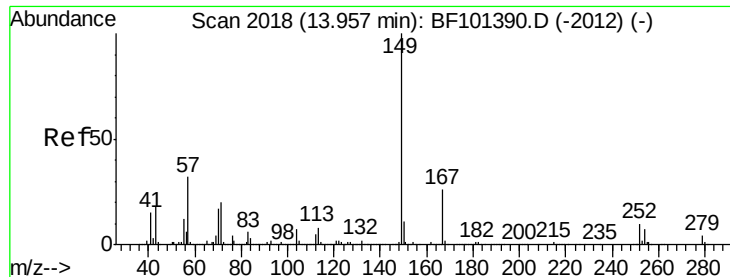
Sohil
 12/26/2017 1:37:43 PM



#82
 Chrysene
 Concen: 44.297 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.352 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Instrument :

BNA_F

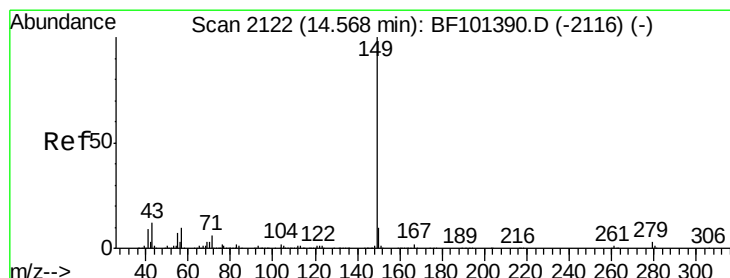
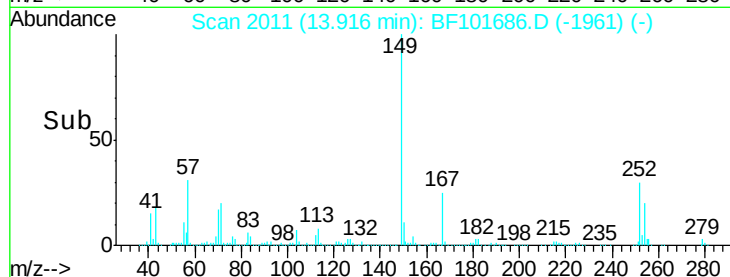
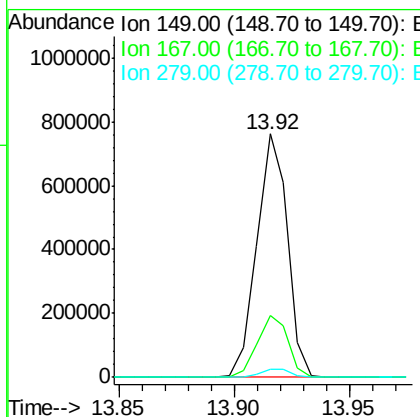
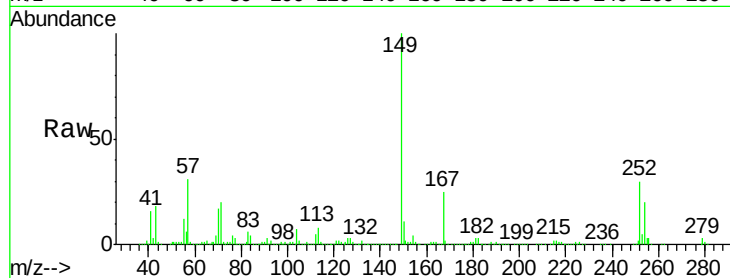
ClientSampleId :

WC-4539-01MS

Tgt Ion:	149	Resp:	705937
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.3	31.9
279	3.5	3.0	4.4

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:43 PM



#84

Di-n-octyl phthalate

Concen: 48.331 ng

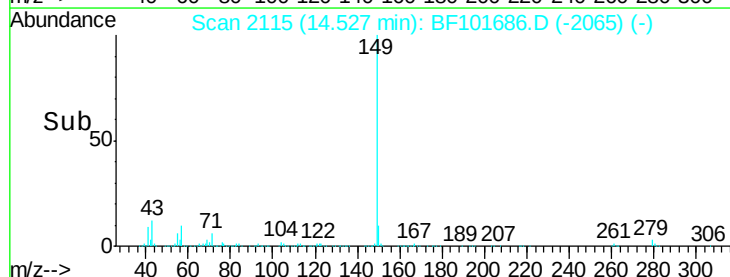
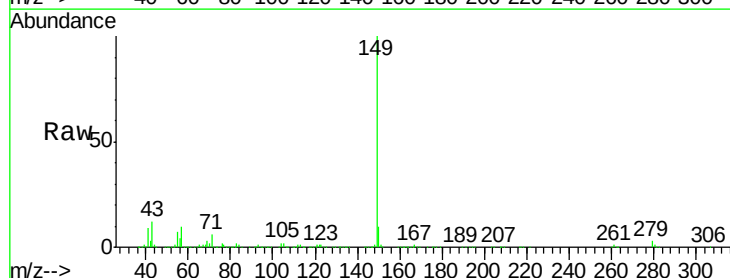
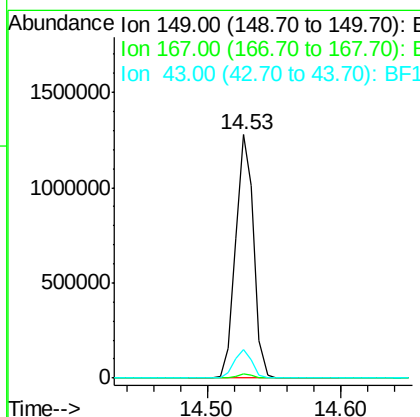
RT: 14.53 min Scan# 2115

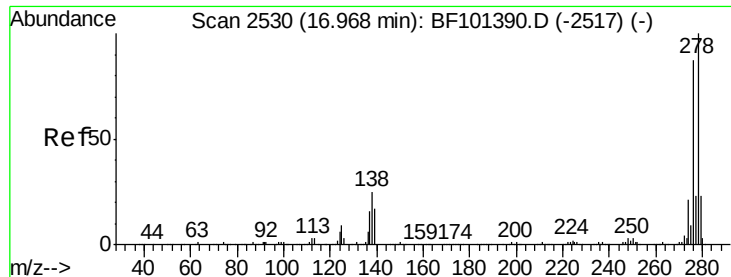
Delta R.T. -0.01 min

Lab File: BF101686.D

Acq: 23 Dec 2017 7:14

Tgt Ion:	149	Resp:	1208437
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.5	8.4	12.6





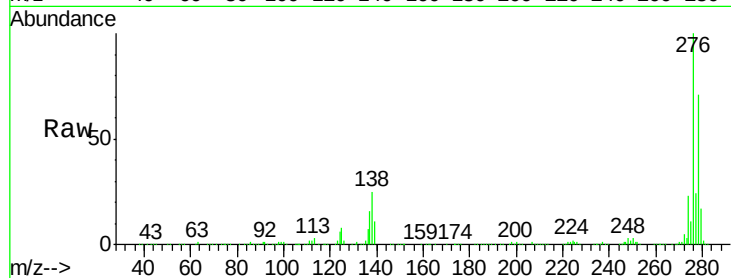
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.370 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

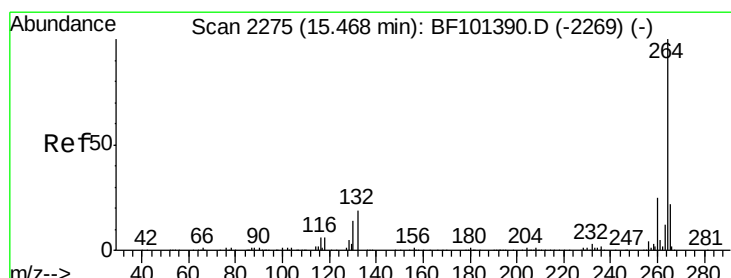
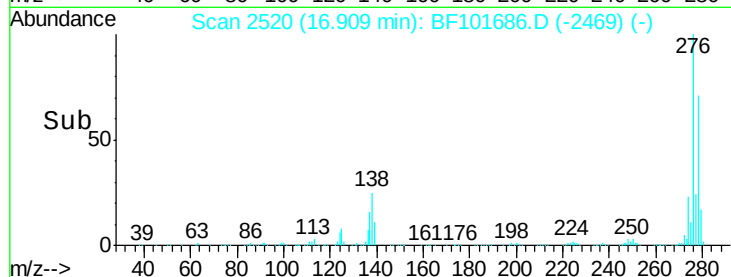
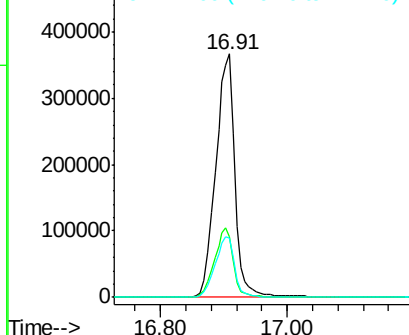
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	784860		
138	27.8	25.0	37.6	
277	25.3	20.1	30.1	

Manual Integrations
 APPROVED

Sohil
 12/26/2017 1:37:43 PM



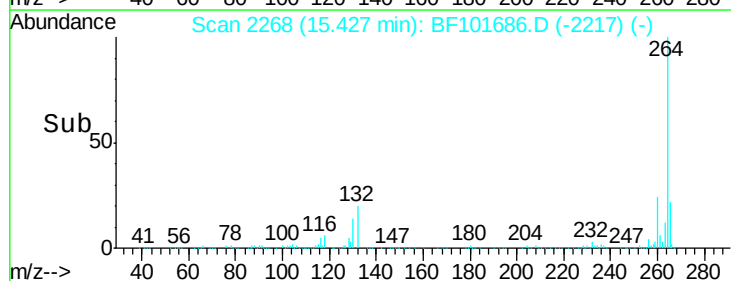
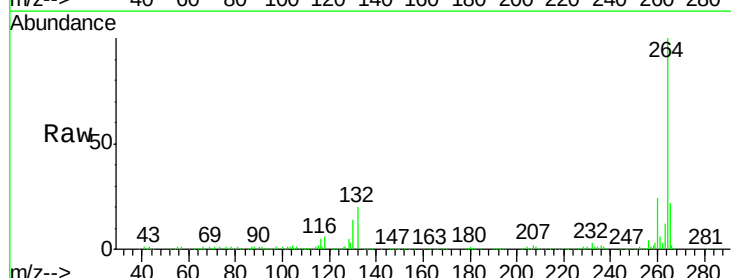
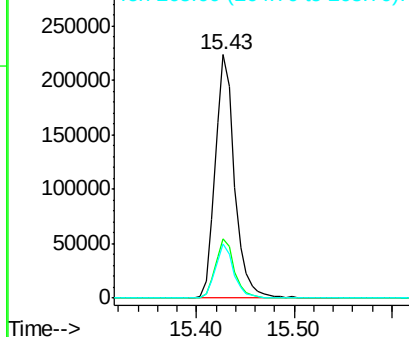
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

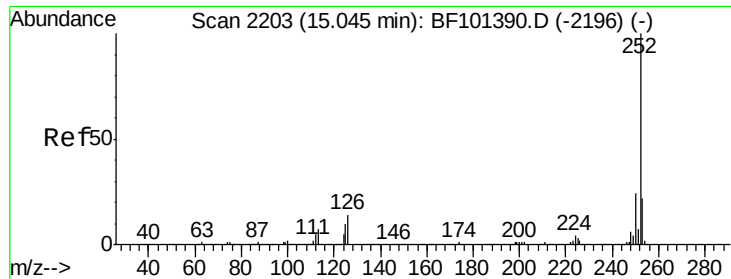


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	307993		
260	24.3	19.2	28.8	
265	22.0	17.5	26.3	

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





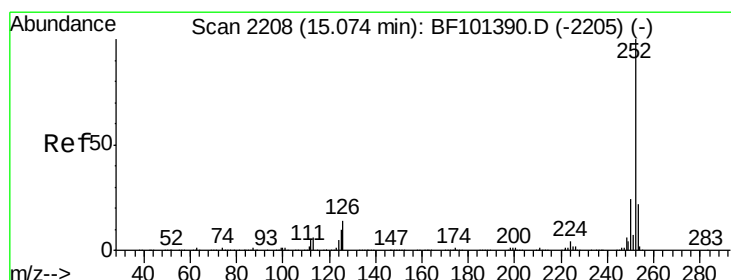
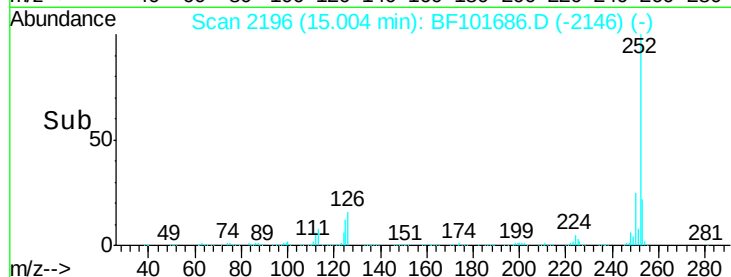
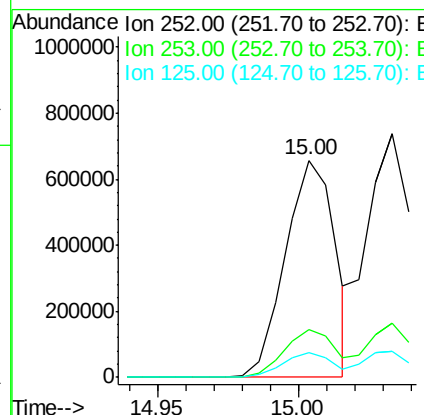
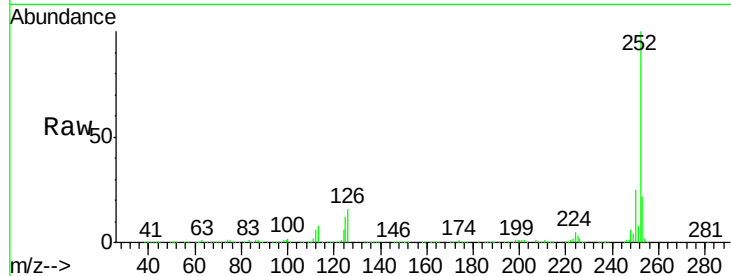
#87
Benzo(b)fluoranthene
Concen: 42.796 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.7	9.0	13.6

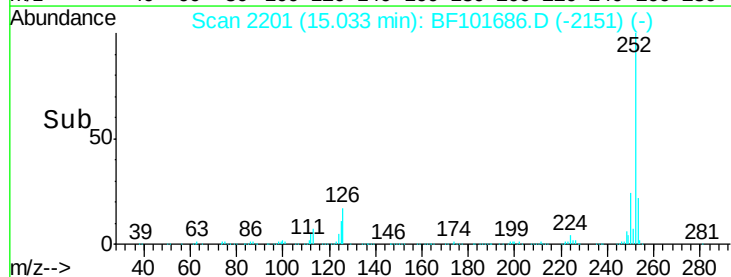
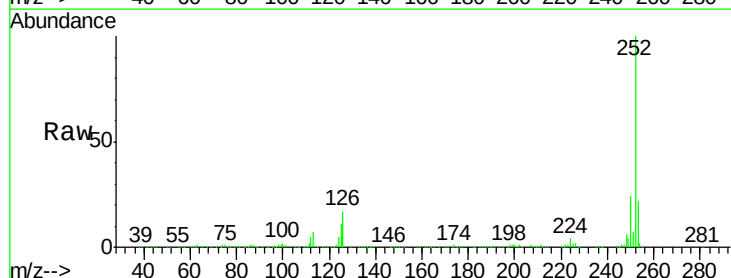
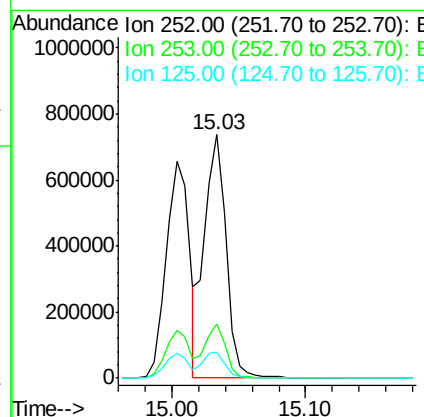
Manual Integrations
APPROVED

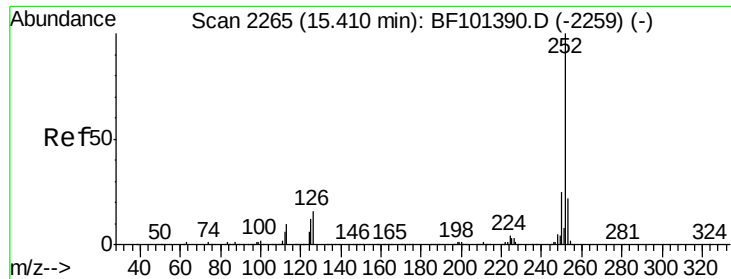
Sohil
12/26/2017 1:37:43 PM



#88
Benzo(k)fluoranthene
Concen: 45.377 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.9	10.2	15.2





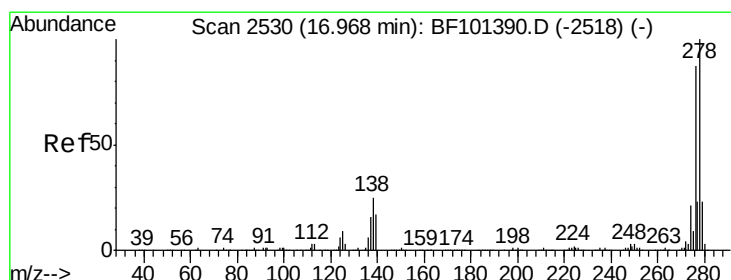
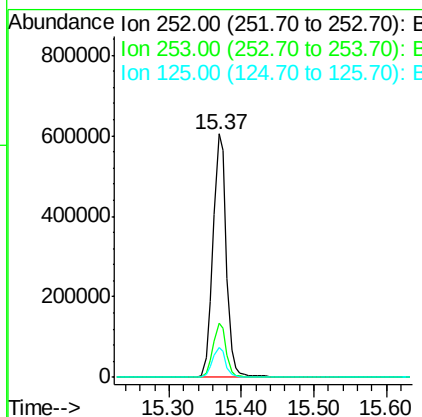
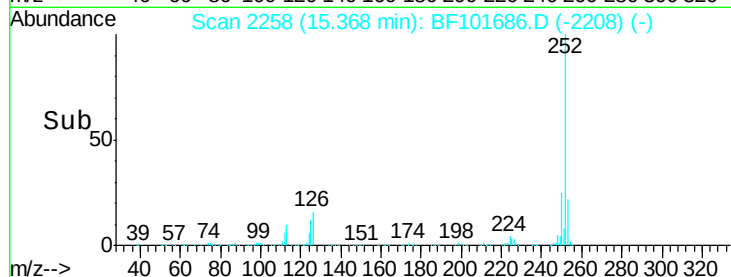
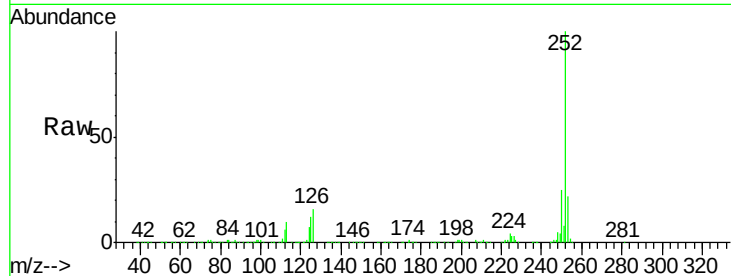
#89
Benzo(a)pyrene
Concen: 45.213 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.3	9.8	14.6

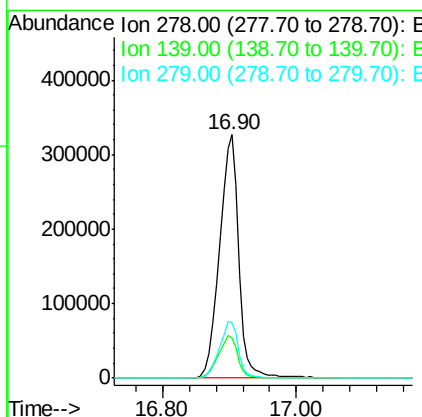
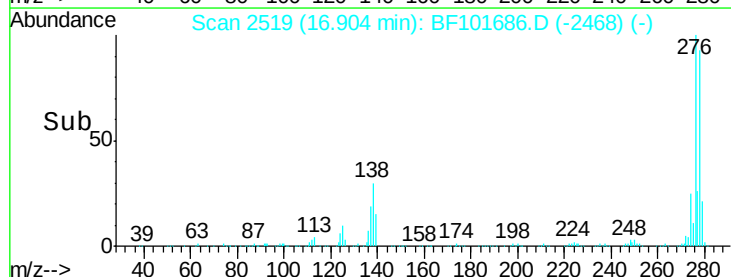
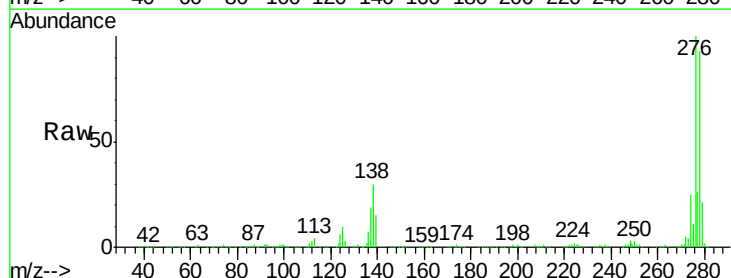
Manual Integrations
APPROVED

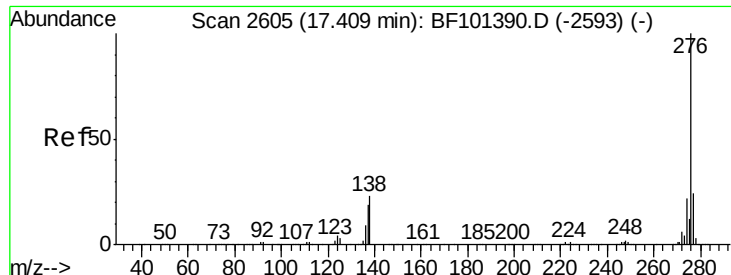
Sohil
12/26/2017 1:37:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.907 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BF101686.D
Acq: 23 Dec 2017 7:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	22.8	19.0	28.4





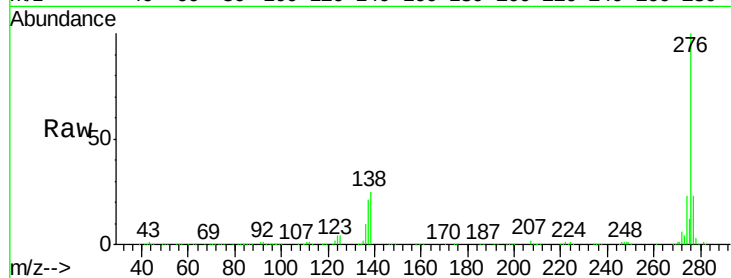
#91
 Benzo(g,h,i)perylene
 Concen: 44.612 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BF101686.D
 Acq: 23 Dec 2017 7:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	25.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/26/2017 1:37:43 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

