

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098456.D
 Acq On : 12 Sep 2017 17:59
 Operator : SJ/JU
 Sample : PB102209BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:07 PM

Quant Time: Sep 13 01:41:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	195250	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	814719	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	354164	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	573550	20.00	ng	0.00
75) Chrysene-d12	13.82	240	361371	20.00	ng	0.00
86) Perylene-d12	15.21	264	314548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1710041	129.49	ng	0.01
7) Phenol-d6	6.32	99	2061212	122.93	ng	0.00
23) Nitrobenzene-d5	7.23	82	1322912	90.52	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	329912	139.57	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2045357	97.88	ng	0.00
78) Terphenyl-d14	12.76	244	1406185	83.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	244573	35.882	ng	90
3) Pyridine	3.06	79	683456	37.758	ng	86
4) n-Nitrosodimethylamine	3.02	42	352012	39.667	ng	95
6) Aniline	6.33	93	684928	32.562	ng	# 40
8) 2-Chlorophenol	6.46	128	609327	41.961	ng	98
9) Benzaldehyde	6.21	77	399773	36.474	ng	91
10) Phenol	6.33	94	770287	39.552	ng	83
11) bis(2-Chloroethyl)ether	6.41	93	611895	41.672	ng	98
12) 1,3-Dichlorobenzene	6.60	146	626115	42.838	ng	98
13) 1,4-Dichlorobenzene	6.68	146	634205	42.362	ng	95
14) 1,2-Dichlorobenzene	6.83	146	576102	42.237	ng	98
15) Benzyl Alcohol	6.82	79	483629	43.341	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	990404	40.994	ng	72
17) 2-Methylphenol	6.94	107	508940	42.981	ng	# 88
18) Hexachloroethane	7.17	117	227884	39.746	ng	# 84
19) n-Nitroso-di-n-propylamine	7.09	70	431845	40.946	ng	97
20) 3+4-Methylphenols	7.09	107	644411	43.124	ng	# 69
22) Acetophenone	7.08	105	867586	41.202	ng	# 93
24) Nitrobenzene	7.25	77	683361	41.052	ng	99
25) Isophorone	7.49	82	1203382	40.699	ng	99
26) 2-Nitrophenol	7.57	139	307770	45.792	ng	# 84
27) 2,4-Dimethylphenol	7.62	122	536262	41.855	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	768589	42.600	ng	99
29) 2,4-Dichlorophenol	7.82	162	479372	44.987	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	508253	43.848	ng	99
31) Naphthalene	7.97	128	1727871	42.901	ng	99
32) Benzoic acid	7.76	122	245237	31.765	ng	98
33) 4-Chloroaniline	8.02	127	558210	34.102	ng	99
34) Hexachlorobutadiene	8.08	225	262609	44.132	ng	97
35) Caprolactam	8.40	113	164296m	44.713	ng	
36) 4-Chloro-3-methylphenol	8.52	107	537123	40.645	ng	85
37) 2-Methylnaphthalene	8.66	142	1112214	45.589	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	464496	42.104	ng	100
40) Hexachlorocyclopentadiene	8.81	237	143083	48.677	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098456.D
 Acq On : 12 Sep 2017 17:59
 Operator : SJ/JU
 Sample : PB102209BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

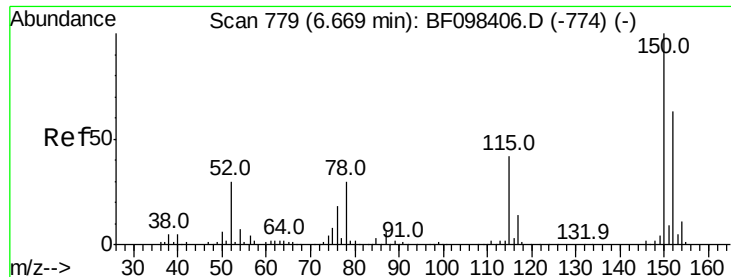
Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:07 PM

Quant Time: Sep 13 01:41:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	296986	45.832	ng	92
43) 2,4,5-Trichlorophenol	8.99	196	312586	46.152	ng	94
45) 1,1'-Biphenyl	9.13	154	1304125	41.140	ng	98
46) 2-Chloronaphthalene	9.15	162	988071	43.644	ng	94
47) 2-Nitroaniline	9.25	65	388042	44.657	ng	94
48) Acenaphthylene	9.56	152	1411198	41.924	ng	99
49) Dimethylphthalate	9.43	163	1187555	43.317	ng	99
50) 2,6-Dinitrotoluene	9.50	165	252748	44.882	ng	# 81
51) Acenaphthene	9.73	154	892932	41.731	ng	99
52) 3-Nitroaniline	9.66	138	234525	34.500	ng	97
53) 2,4-Dinitrophenol	9.78	184	43733	23.203	ng	# 77
54) Dibenzofuran	9.90	168	1229706	43.624	ng	97
55) 4-Nitrophenol	9.85	139	330747	84.686	ng	# 51
56) 2,4-Dinitrotoluene	9.90	165	289897	42.343	ng	# 55
57) Fluorene	10.25	166	951071	40.763	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	221667	48.699	ng	95
59) Diethylphthalate	10.13	149	1115688	42.791	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	464372	43.090	ng	88
61) 4-Nitroaniline	10.28	138	267367	38.946	ng	88
62) Azobenzene	10.40	77	1153412	41.046	ng	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	44444	16.291	ng	# 75
65) n-Nitrosodiphenylamine	10.36	169	879073	47.202	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	267384	49.120	ng	97
67) Hexachlorobenzene	10.79	284	247544	44.832	ng	# 84
68) Atrazine	10.89	200	275318	48.020	ng	98
69) Pentachlorophenol	10.99	266	199844	81.610	ng	96
70) Phenanthrene	11.20	178	1344034	44.203	ng	99
71) Anthracene	11.26	178	1368514	43.838	ng	99
72) Carbazole	11.42	167	1184526	40.715	ng	99
73) Di-n-butylphthalate	11.75	149	1575057	45.185	ng	100
74) Fluoranthene	12.39	202	1207349	39.665	ng	97
76) Benzidine	12.52	184	902855	56.453	ng	# 93
77) Pyrene	12.62	202	1207603	42.361	ng	99
79) Butylbenzylphthalate	13.24	149	567480	45.886	ng	# 83
80) Benzo(a)anthracene	13.80	228	915717	43.222	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	362364	44.010	ng	# 95
82) Chrysene	13.84	228	909923	42.488	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	732008	47.162	ng	# 100
84) Di-n-octyl phthalate	14.40	149	1278718	48.018	ng	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	663049	44.129	ng	98
87) Benzo(b)fluoranthene	14.82	252	906963	45.857	ng	98
88) Benzo(k)fluoranthene	14.84	252	791575	42.872	ng	97
89) Benzo(a)pyrene	15.16	252	790822	44.882	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	556191	43.393	ng	96
91) Benzo(g,h,i)perylene	16.96	276	531945	41.262	ng	99

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



#1

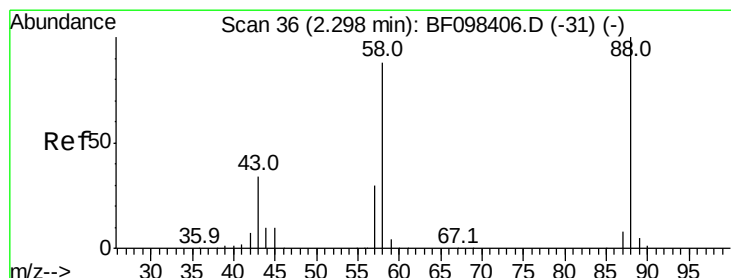
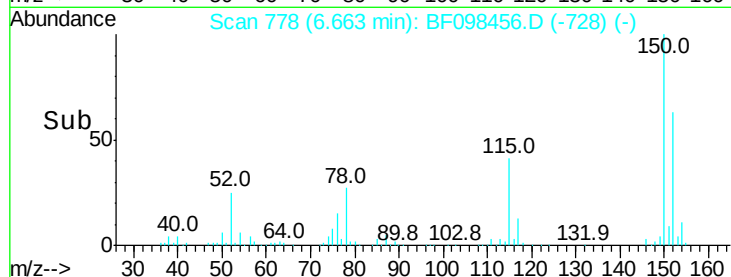
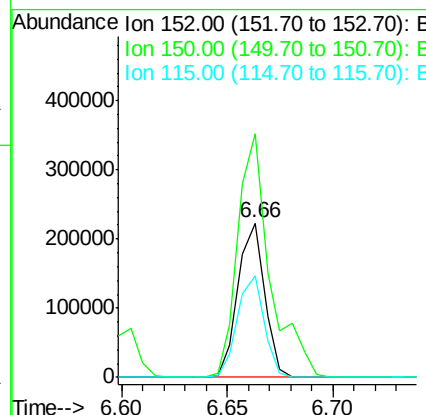
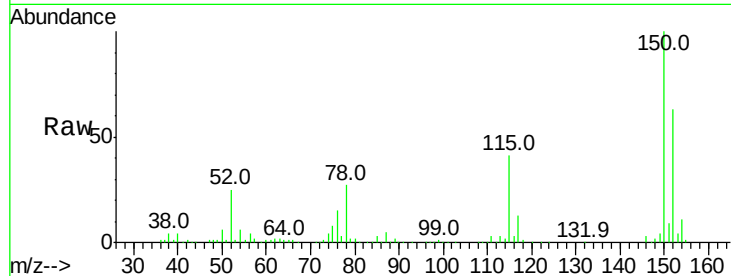
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	65.3	52.2	78.2

Manual Integrations
APPROVED

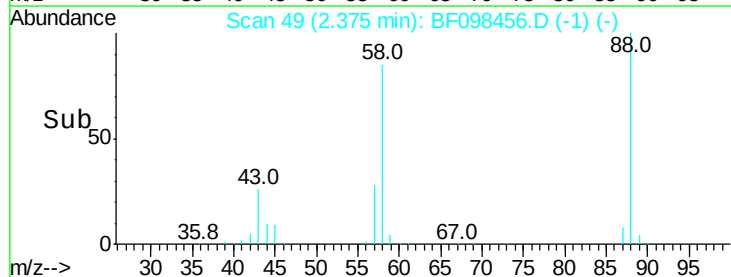
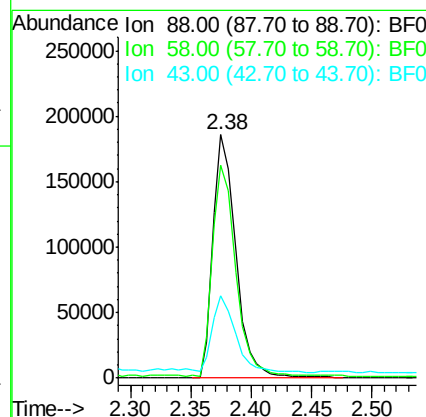
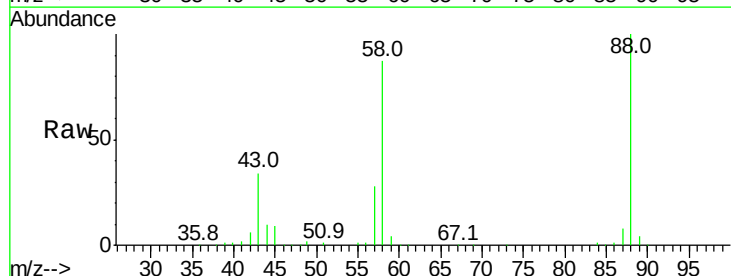
Sohil
9/13/2017 5:00:07 PM

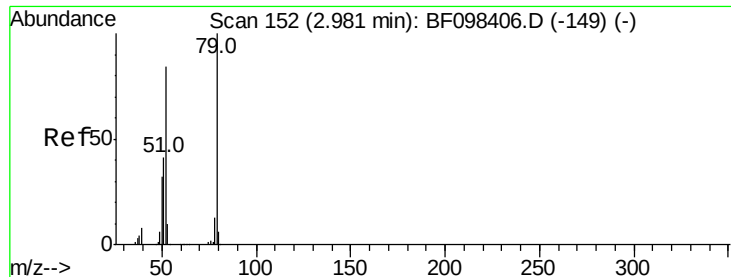


#2

1,4-Dioxane
Concen: 35.882 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	61.4	92.0
43	31.9	23.4	35.0





#3

Pvridine

Concen: 37.758 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.08 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

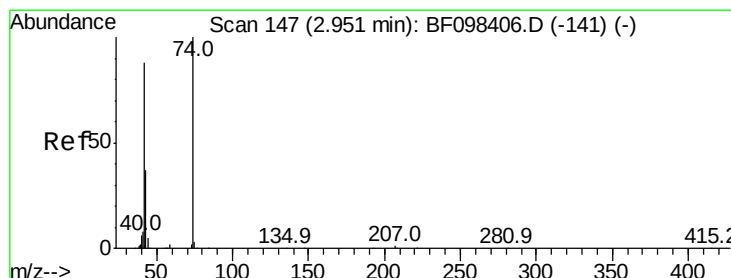
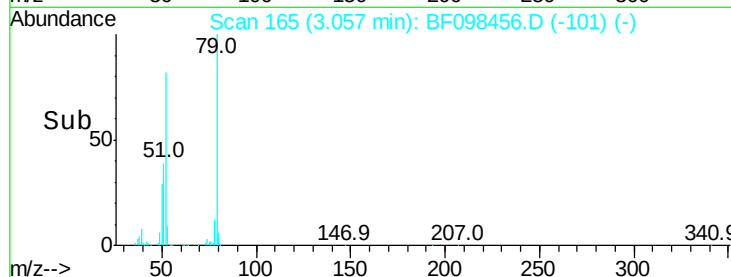
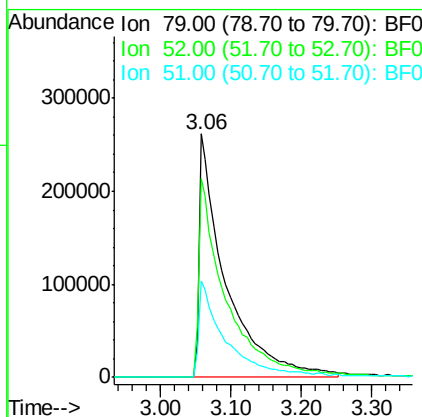
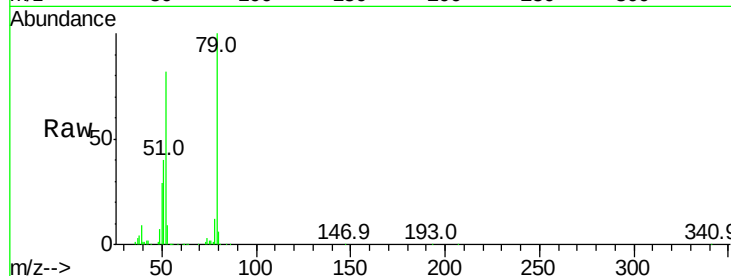
ClientSampleId :

PB102209BS

Tot Ion:	79	Resp:	683456
Ion Ratio	Lower	Upper	
79	100		
52	81.8	54.8	82.2
51	39.6	27.0	40.4

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM



#4

n-Nitrosodimethylamine

Concen: 39.667 ng

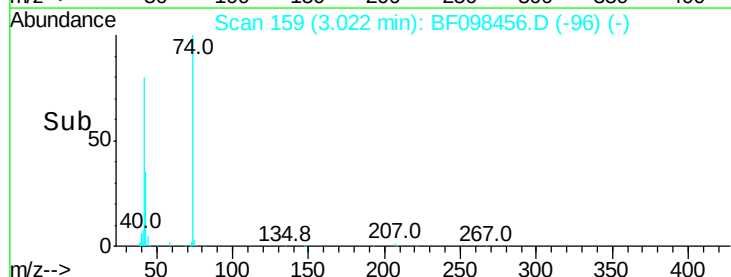
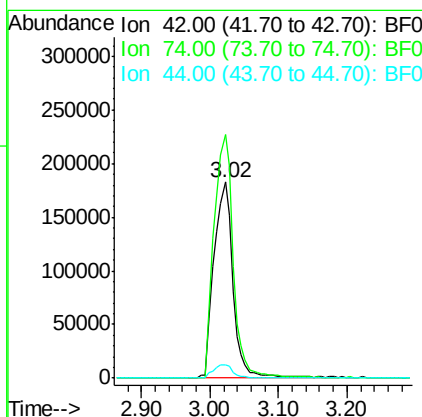
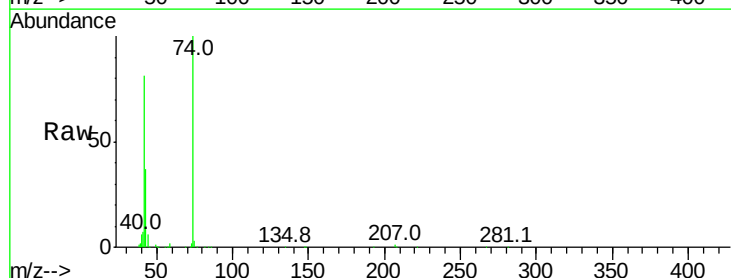
RT: 3.02 min Scan# 159

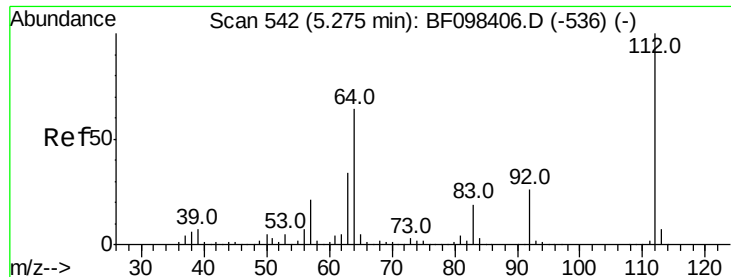
Delta R.T. 0.07 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Tgt Ion:	42	Resp:	352012
Ion Ratio	Lower	Upper	
42	100		
74	124.2	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 129.492 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

Tot Ion:112 Resp: 1710041

Ion Ratio Lower Upper

112 100

64 63.2 46.0 69.0

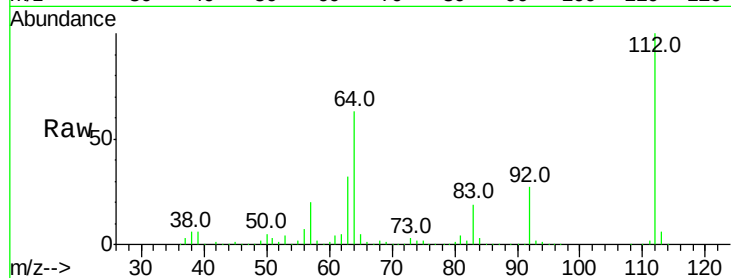
63 32.3 23.4 35.0

Manual Integrations

APPROVED

Sohil

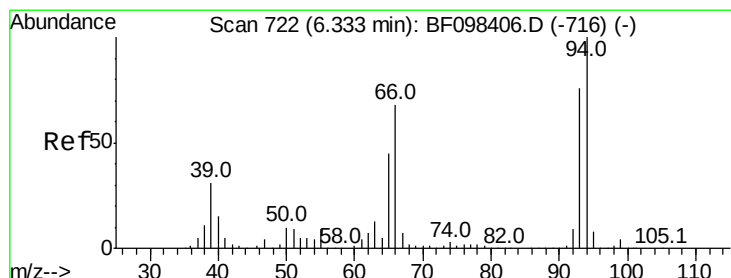
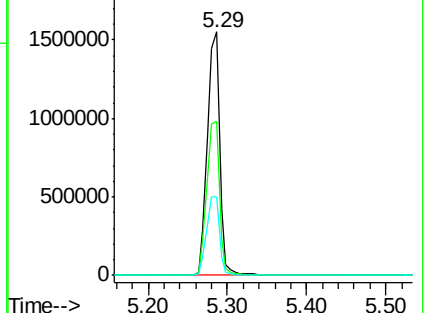
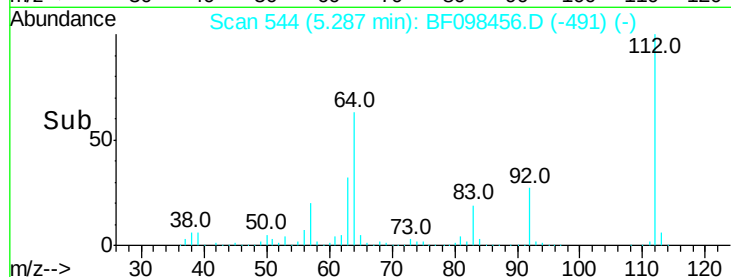
9/13/2017 5:00:07 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.562 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

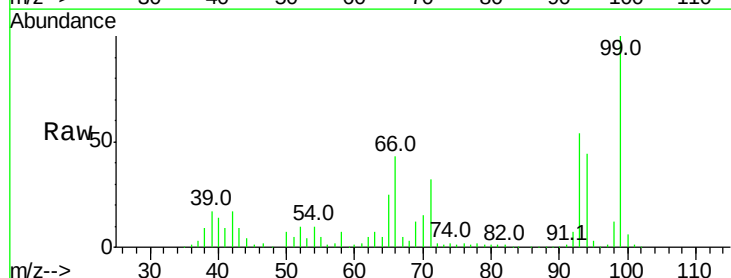
Tgt Ion: 93 Resp: 684928

Ion Ratio Lower Upper

93 100

66 79.8 32.9 49.3#

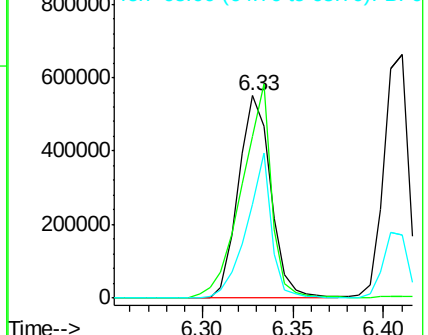
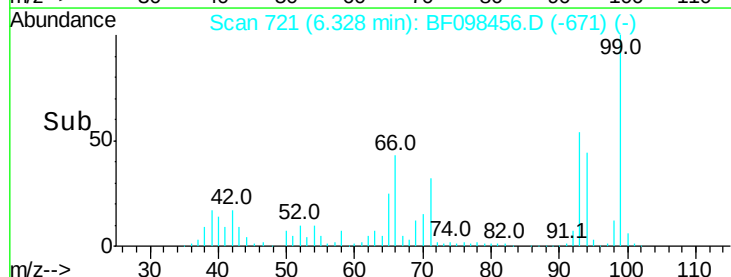
65 46.4 16.0 24.0#

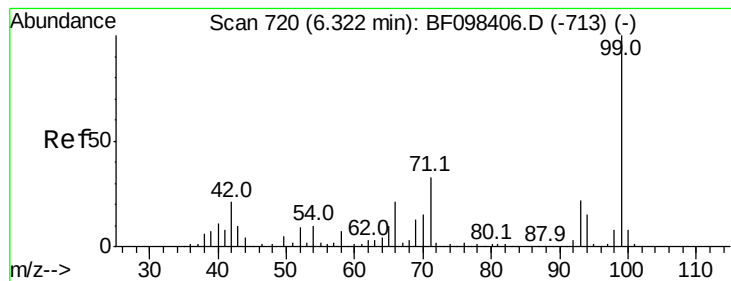


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.934 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

Tot Ion: 99 Resp: 2061212

Ion Ratio Lower Upper

99 100

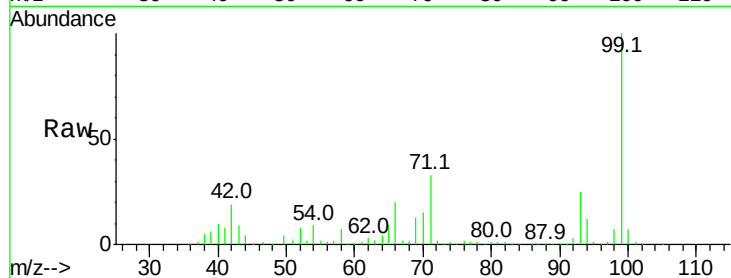
42 18.7 13.5 20.3

71 33.3 24.5 36.7

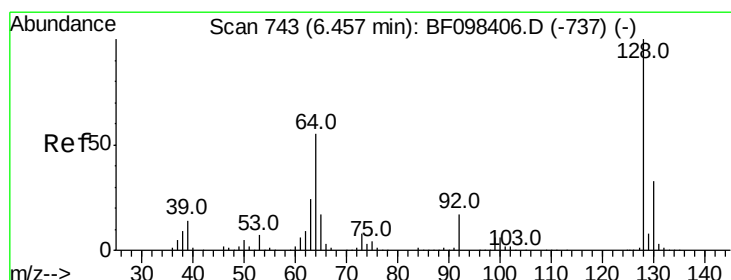
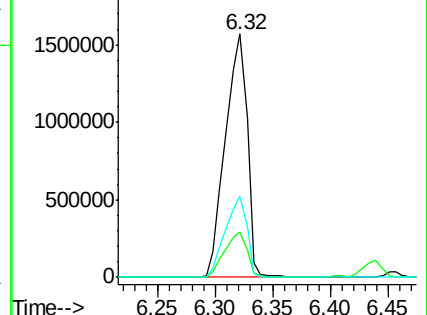
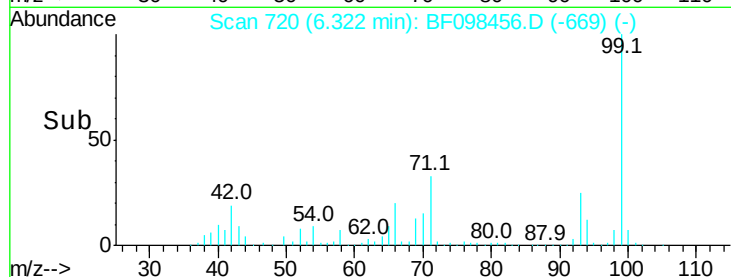
Manual Integrations
APPROVED

Sohil

9/13/2017 5:00:07 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.961 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

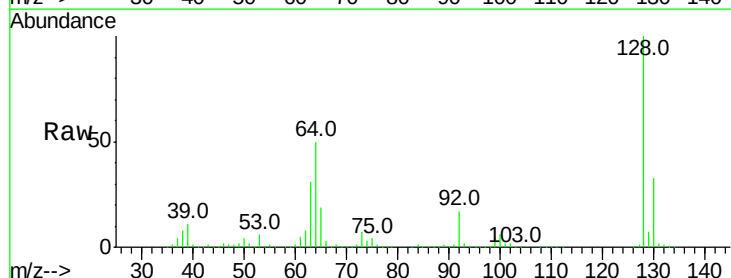
Tgt Ion: 128 Resp: 609327

Ion Ratio Lower Upper

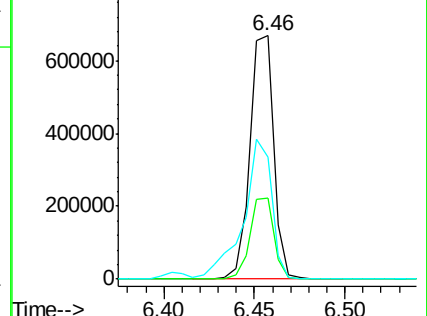
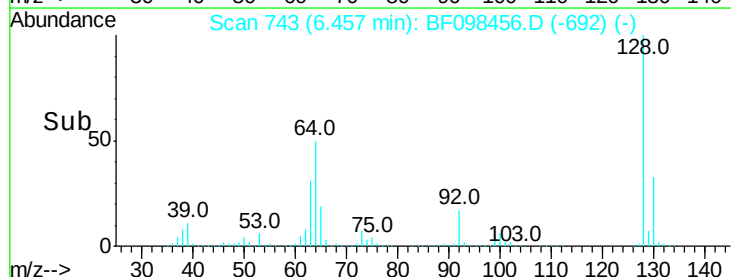
128 100

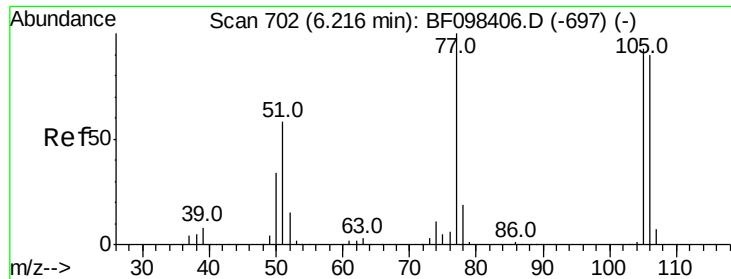
130 33.4 12.9 52.9

64 50.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





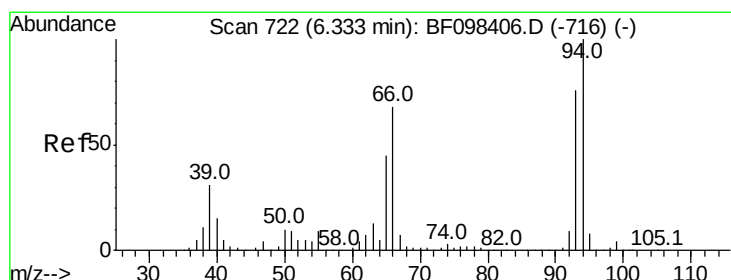
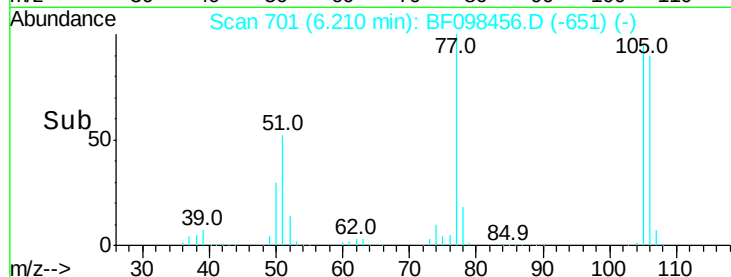
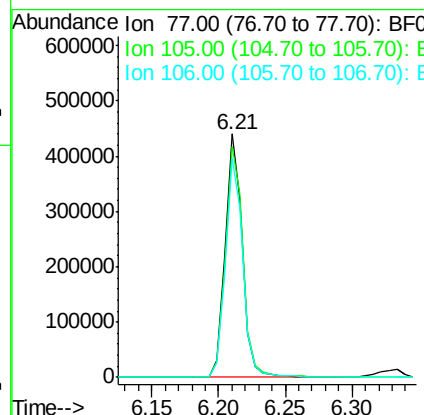
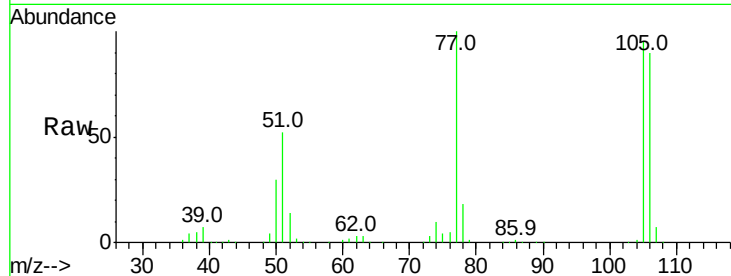
#9
Benzaldehyde
Concen: 36.474 ng
RT: 6.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.0	83.8	123.8
106	90.2	79.1	119.1

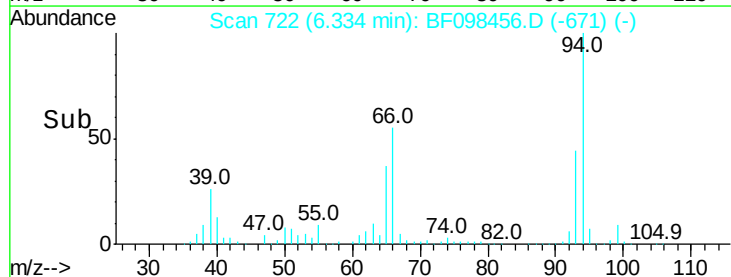
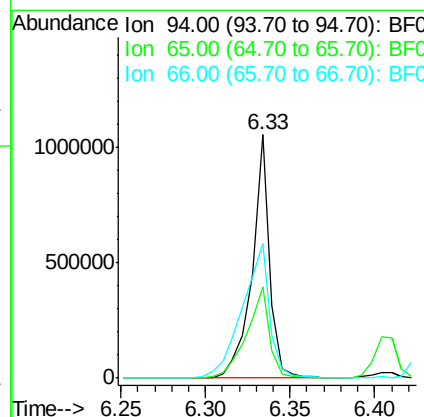
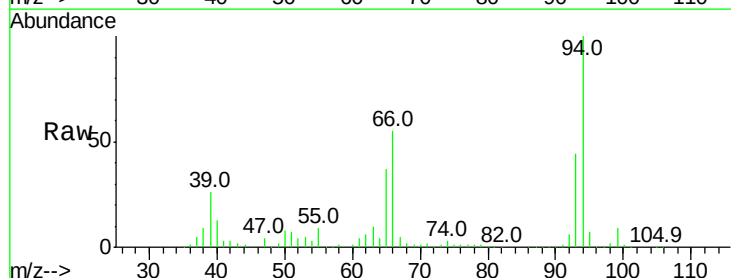
Manual Integrations
APPROVED

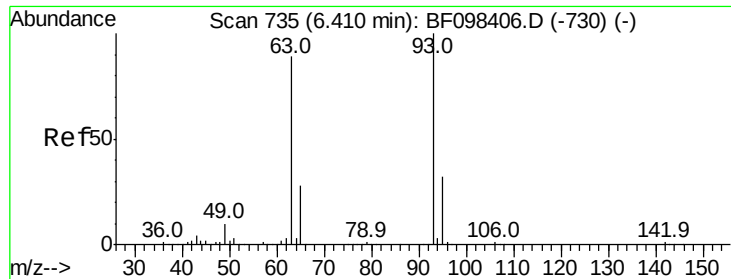
Sohil
9/13/2017 5:00:07 PM



#10
Phenol
Concen: 39.552 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.5	9.9	49.9
66	55.2	23.1	63.1





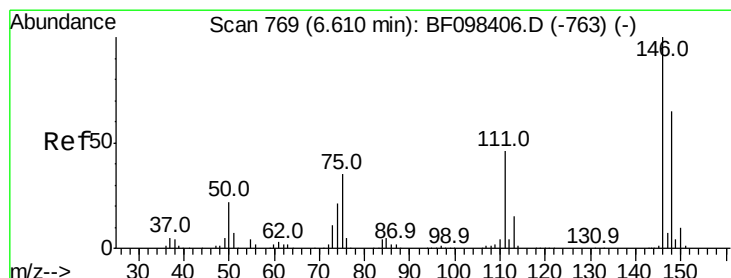
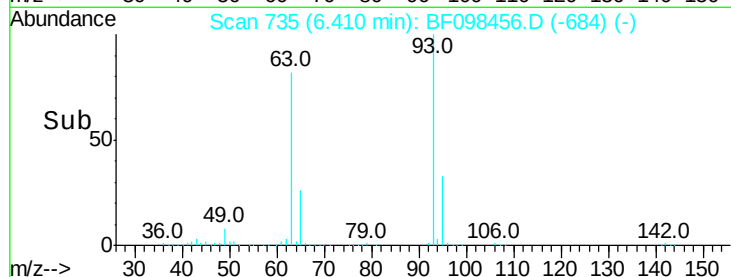
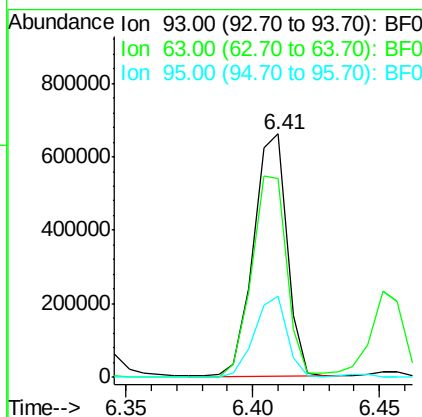
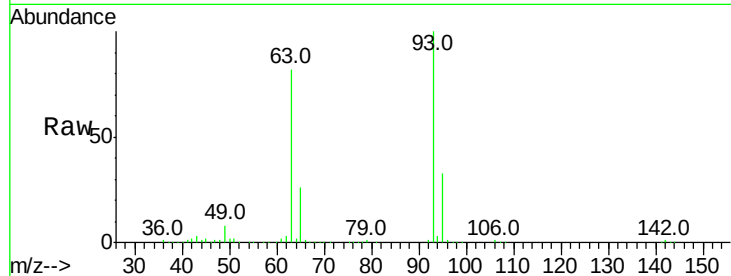
#11
 bis(2-Chloroethyl)ether
 Concen: 41.672 ng
 RT: 6.41 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion:	93	Resp:	611895
Ion Ratio	Lower	Upper	
93	100		
63	81.6	59.2	99.2
95	33.2	12.8	52.8

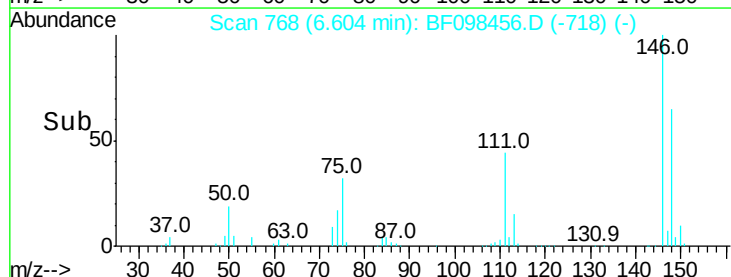
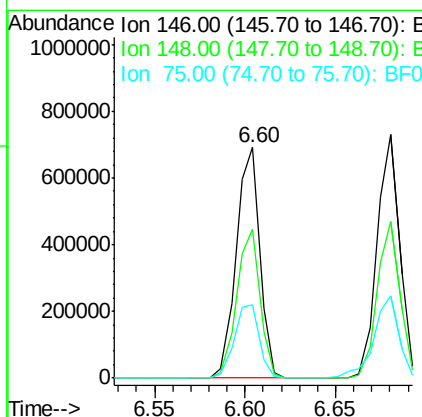
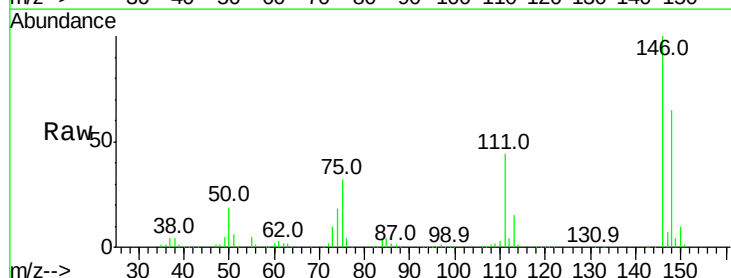
Manual Integrations
 APPROVED

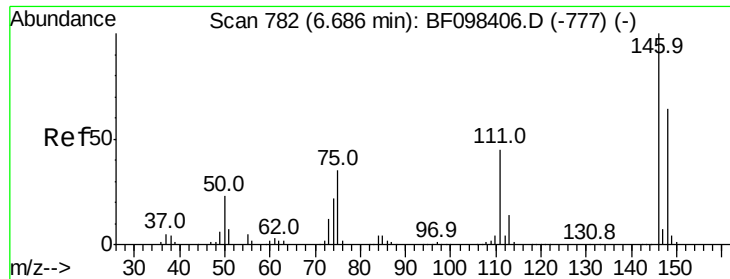
Sohil
 9/13/2017 5:00:07 PM



#12
 1,3-Dichlorobenzene
 Concen: 42.838 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:	146	Resp:	626115
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.6
75	32.0	23.1	34.7





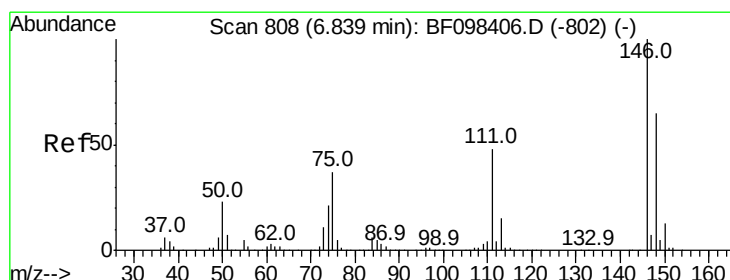
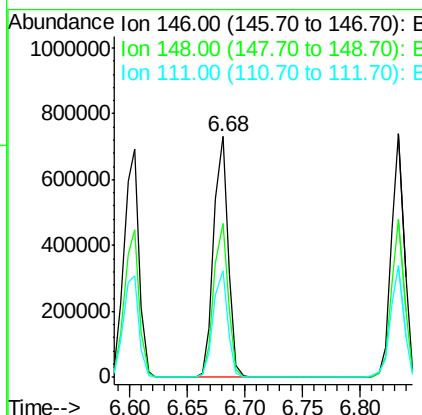
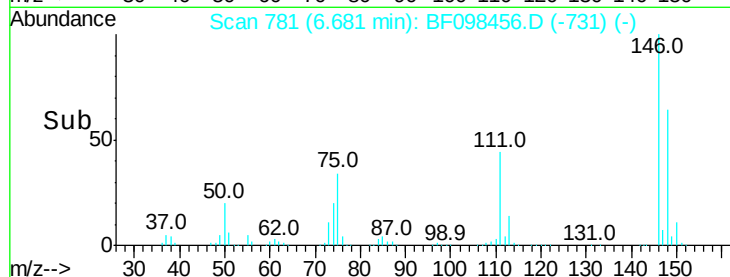
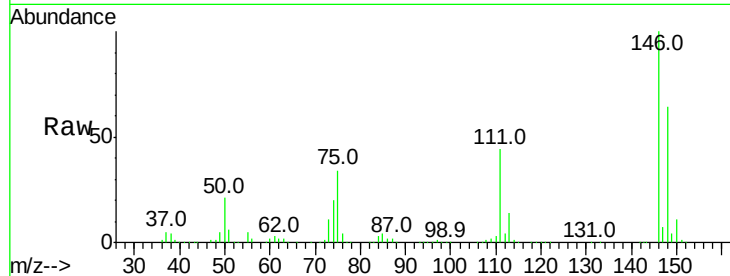
#13
 1,4-Dichlorobenzene
 Concen: 42.362 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampled :
 PB102209BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	44.2	30.3	45.5

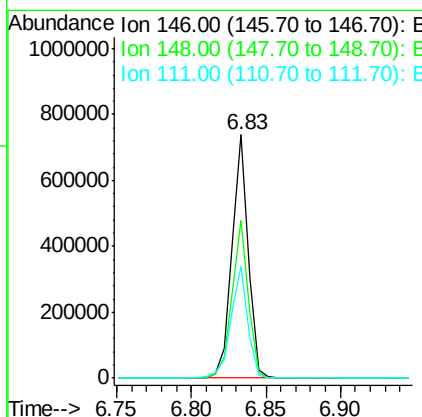
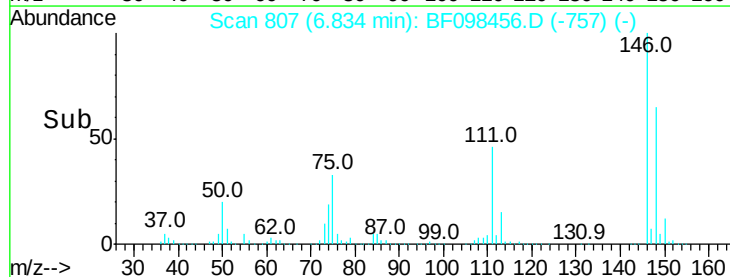
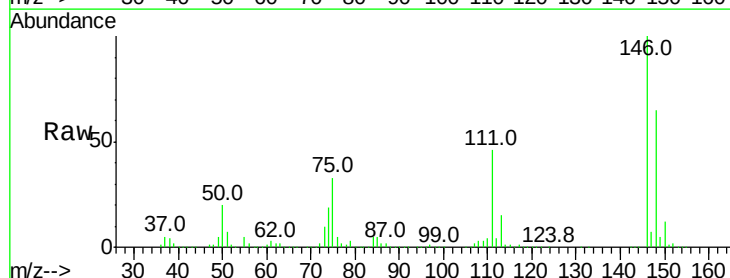
Manual Integrations
 APPROVED

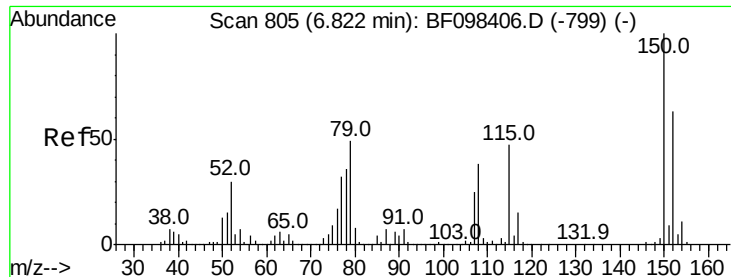
Sohil
 9/13/2017 5:00:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.237 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.4	75.6
111	45.9	38.2	57.4





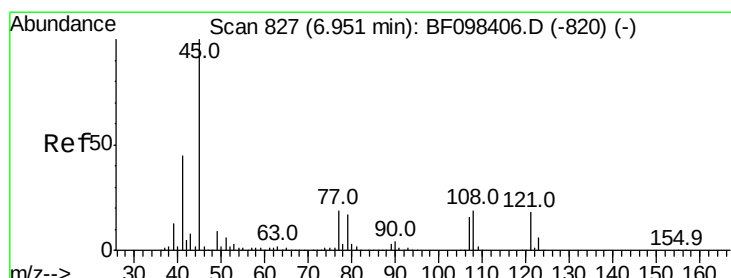
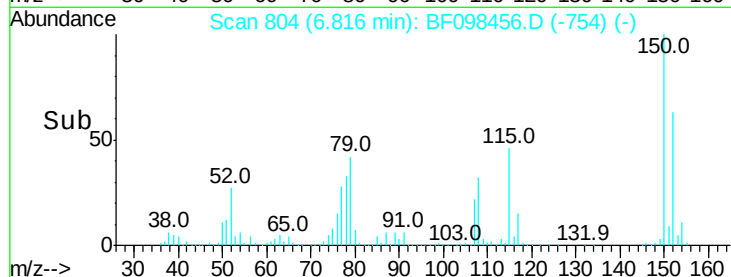
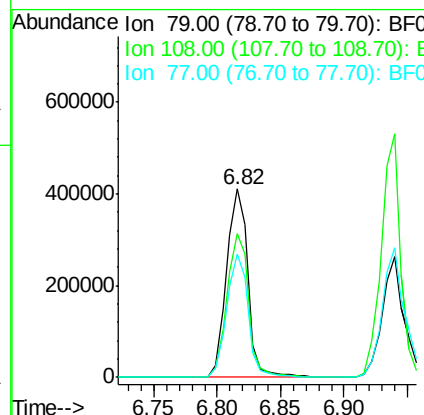
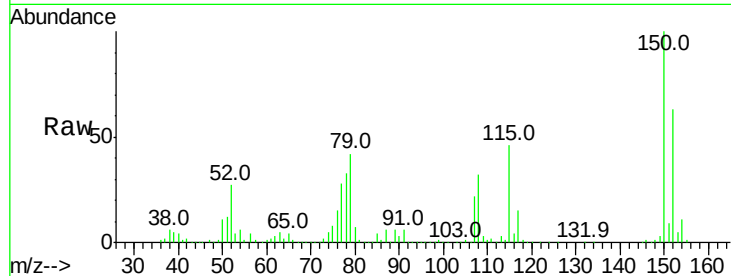
#15
Benzyl Alcohol
Concen: 43.341 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	63.4	95.0
77	65.4	49.2	73.8

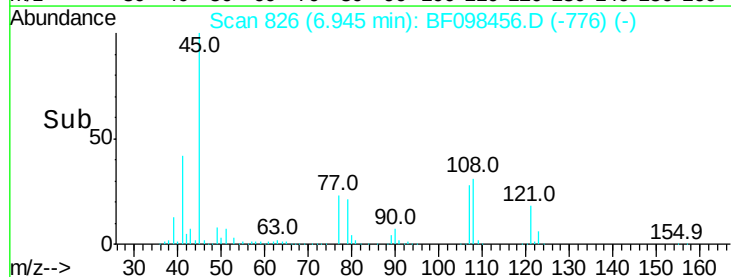
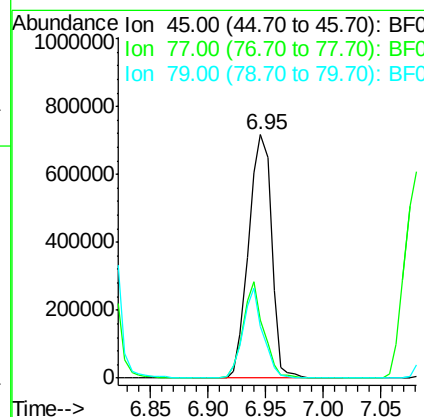
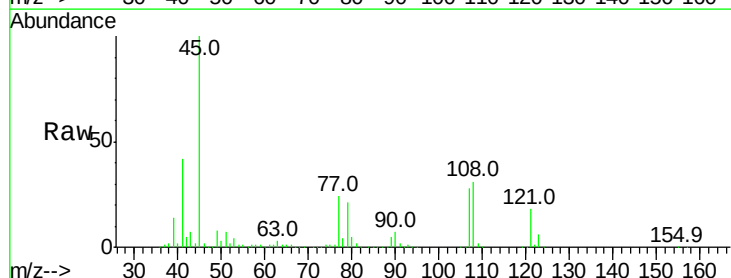
Manual Integrations
APPROVED

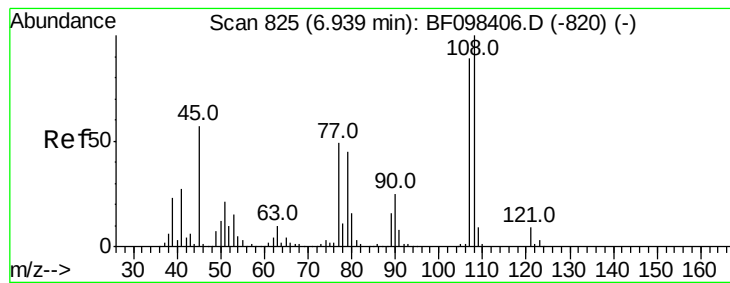
Sohil
9/13/2017 5:00:07 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.994 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.8	0.0	33.2
79	21.1	0.0	30.0





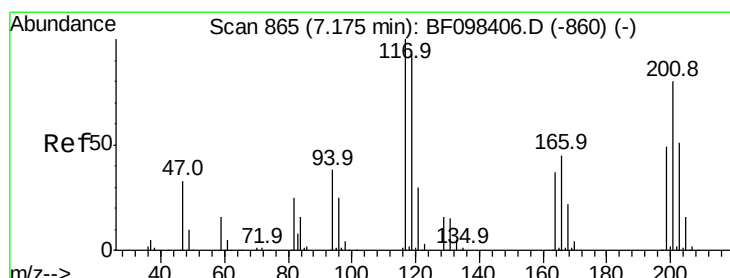
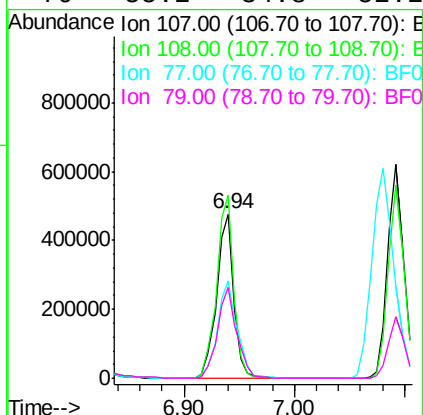
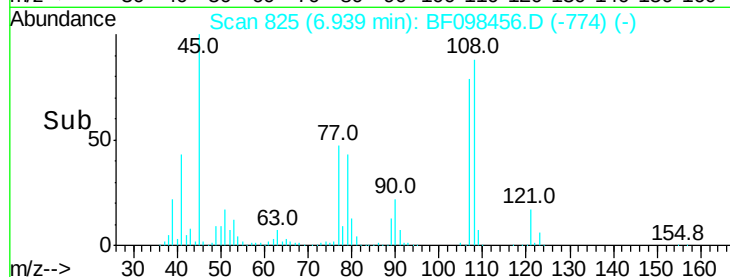
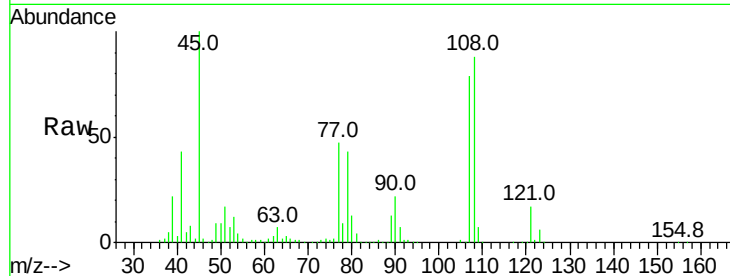
#17
2-Methylphenol
Concen: 42.981 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	93.4	140.0	
77	59.5	35.8	53.6#	
79	55.2	34.8	52.2#	

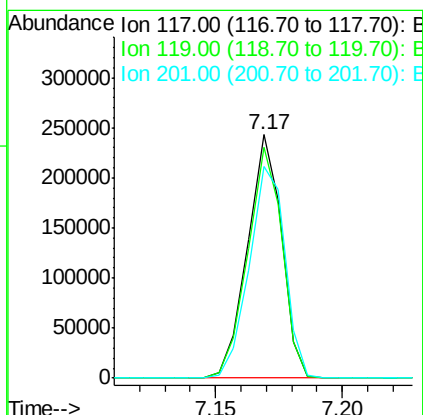
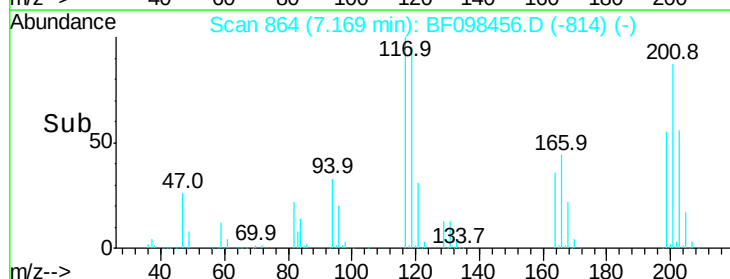
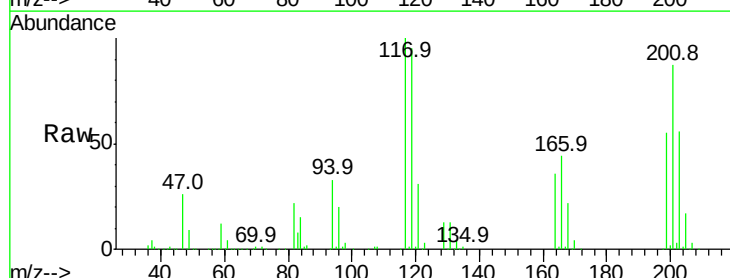
Manual Integrations
APPROVED

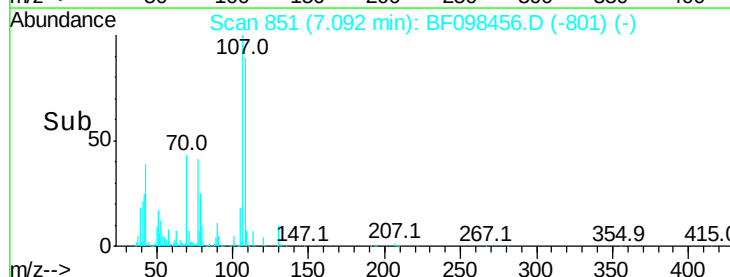
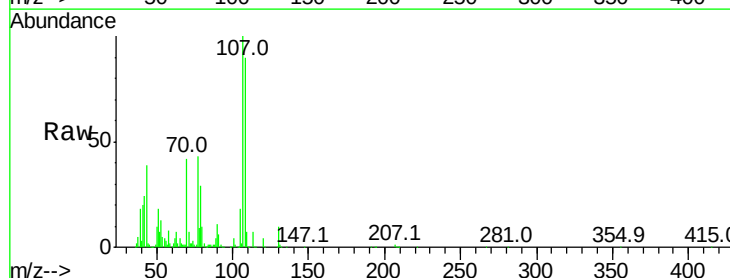
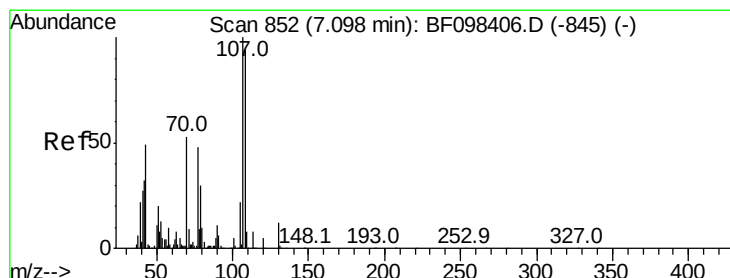
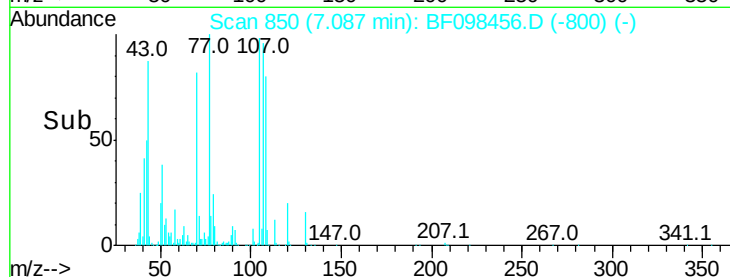
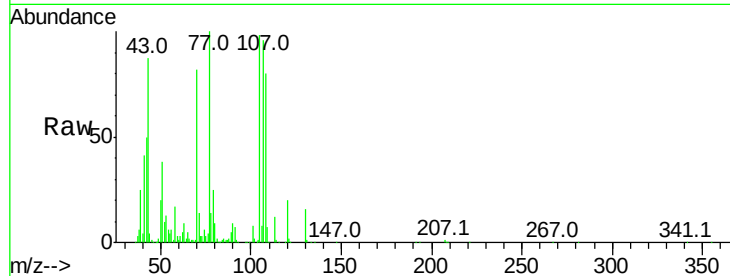
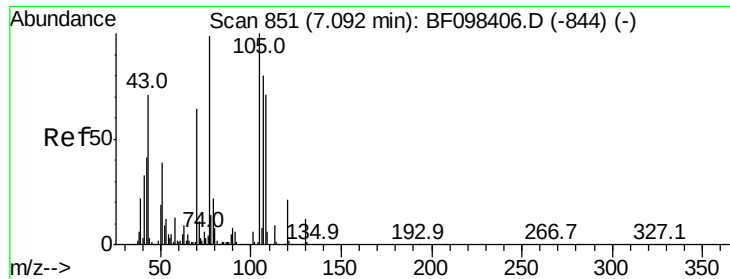
Sohil
9/13/2017 5:00:07 PM



#18
Hexachloroethane
Concen: 39.746 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

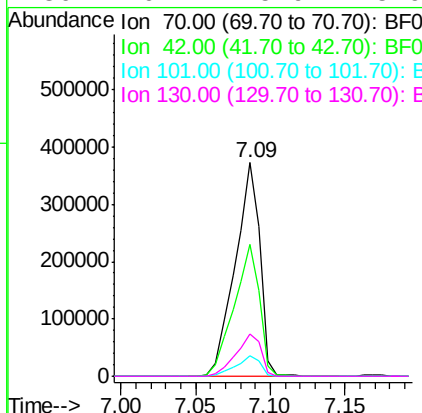
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.4	116.0	
201	86.8	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 40.946 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.2	70.8
101	9.5	7.2	10.8
130	20.1	15.9	23.9



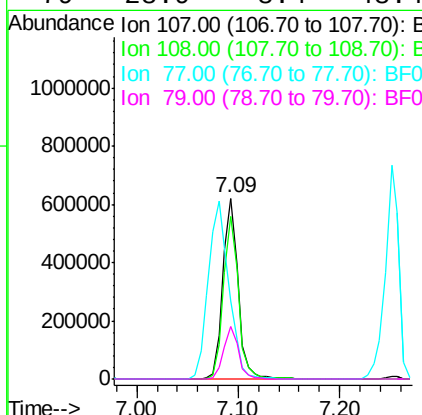
Instrument :
BNA_F
ClientSampleId :
PB102209BS

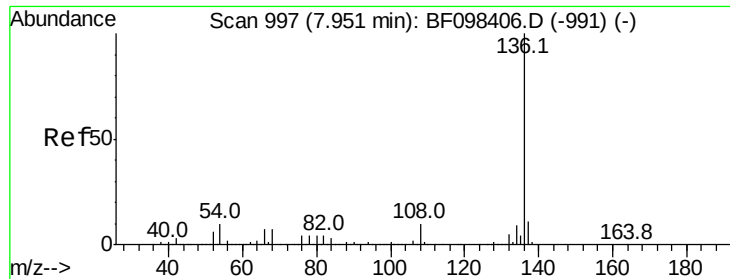
Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM

#20
3+4-Methylphenols
Concen: 43.124 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.0	111.0
77	43.3	90.5	130.5#
79	28.9	8.4	48.4





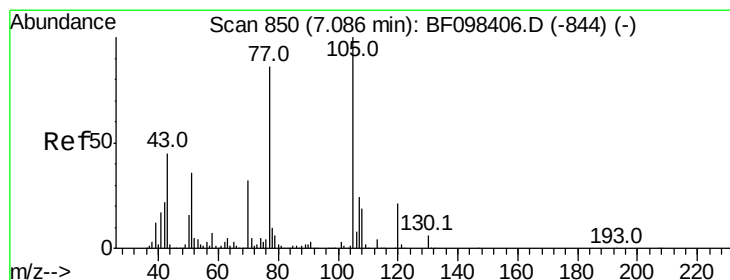
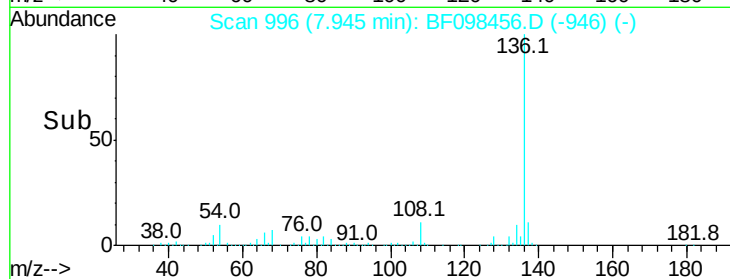
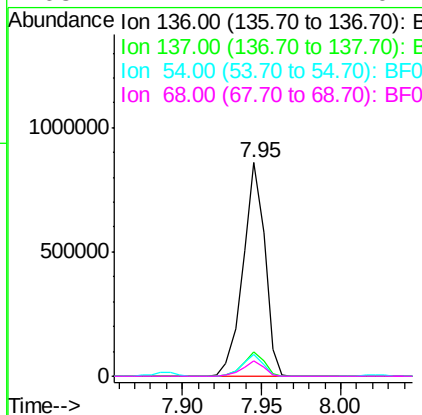
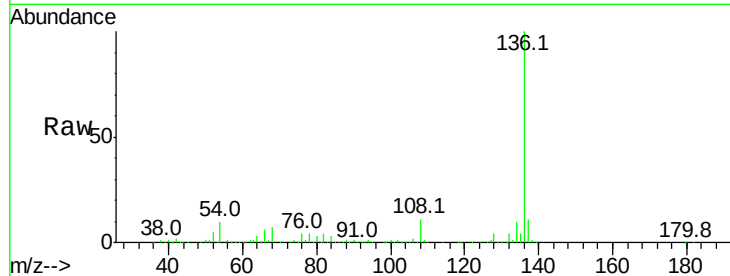
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	10.2	4.9	7.3#	
68	7.2	4.1	6.1#	

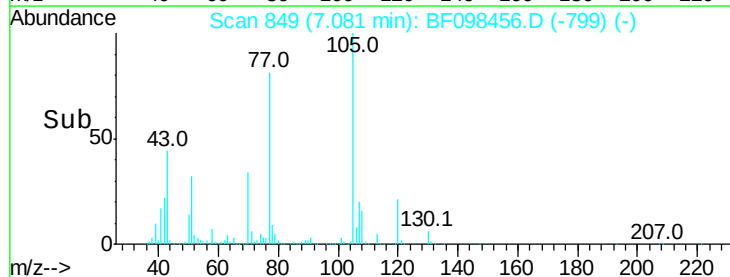
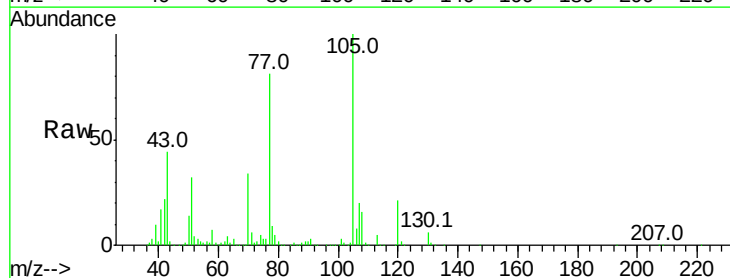
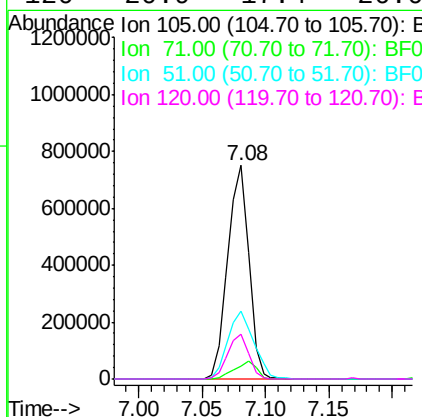
Manual Integrations
APPROVED

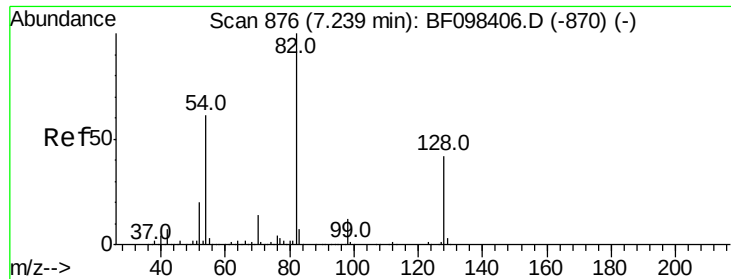
Sohil
9/13/2017 5:00:07 PM



#22
Acetophenone
Concen: 41.202 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	2.8	4.2#	
51	31.9	30.7	46.1	
120	20.9	17.4	26.0	





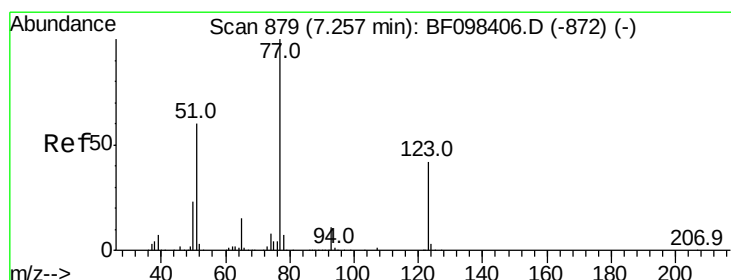
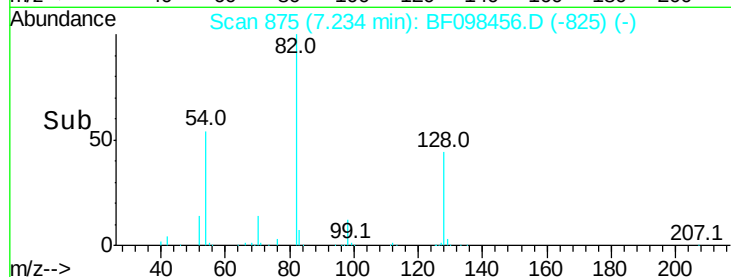
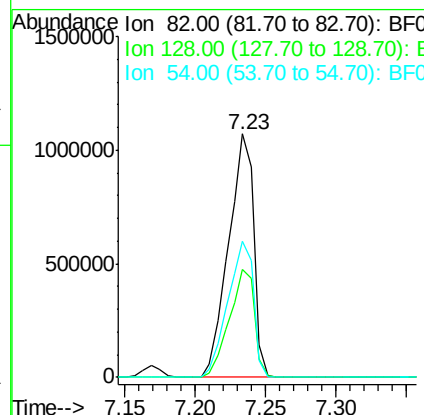
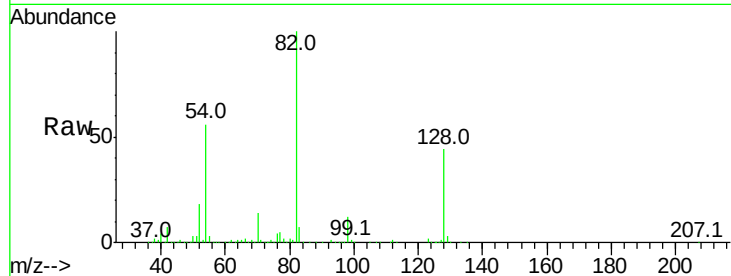
#23
Nitrobenzene-d5
Concen: 90.524 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampled :
PB102209BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	55.9	42.2	63.2

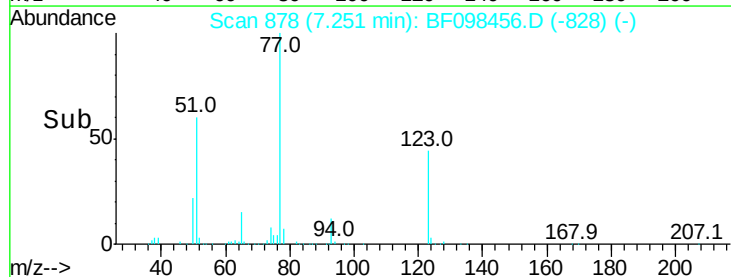
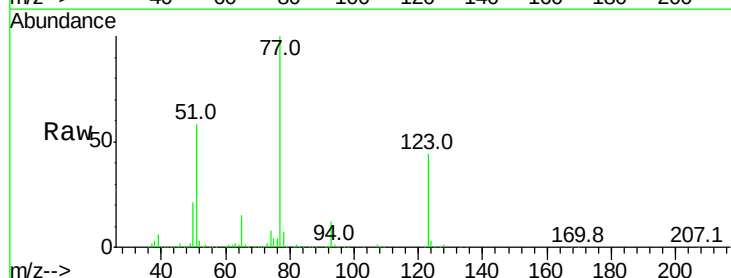
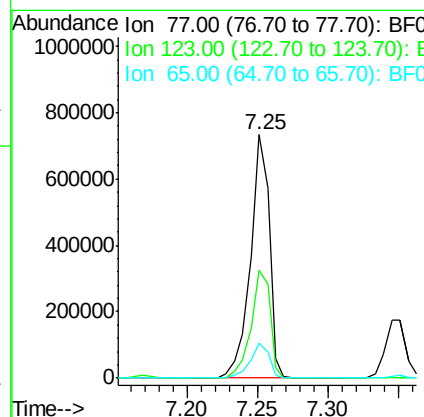
Manual Integrations
APPROVED

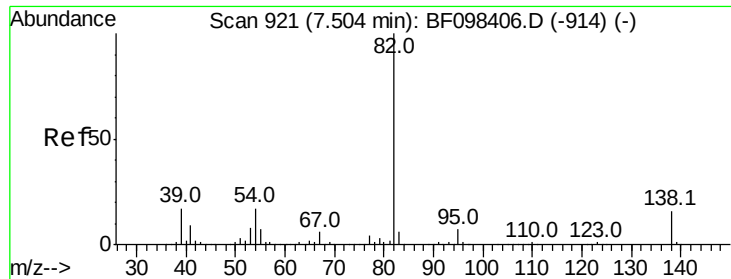
Sohil
9/13/2017 5:00:07 PM



#24
Nitrobenzene
Concen: 41.052 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	35.8	53.8
65	14.6	10.6	15.8





#25

Isophorone

Concen: 40.699 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

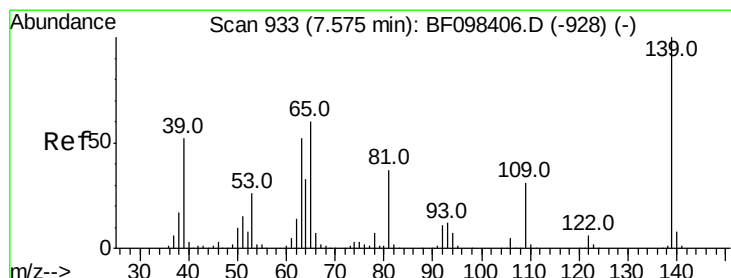
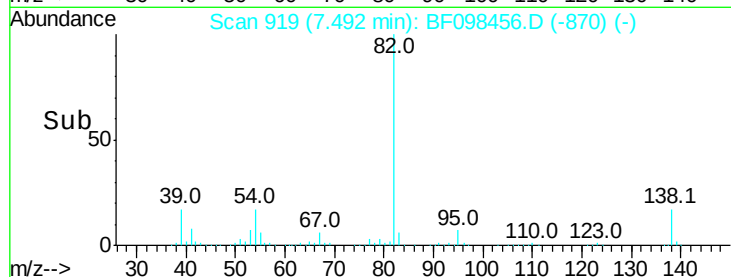
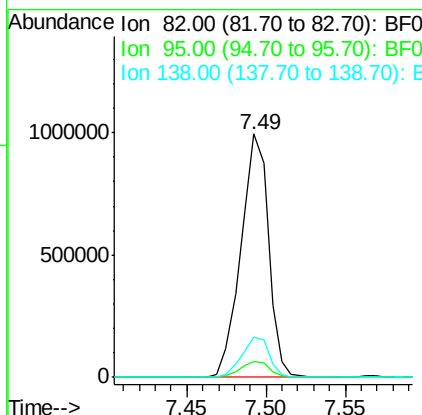
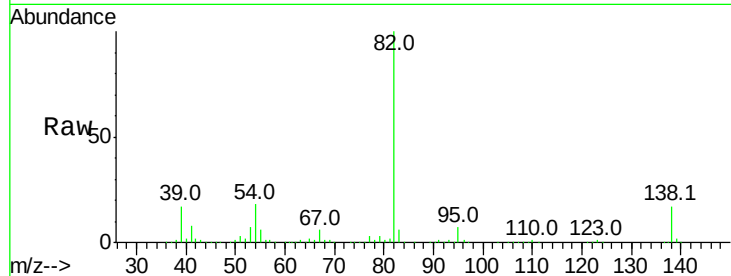
ClientSampleId :

PB102209BS

Tot Ion:	82	Resp:	1203382
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.3	7.9
138	16.7	13.1	19.7

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM



#26

2-Nitrophenol

Concen: 45.792 ng

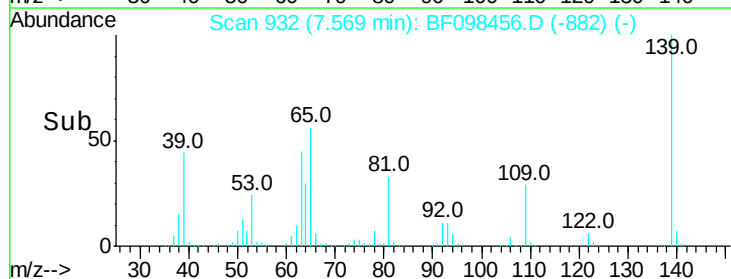
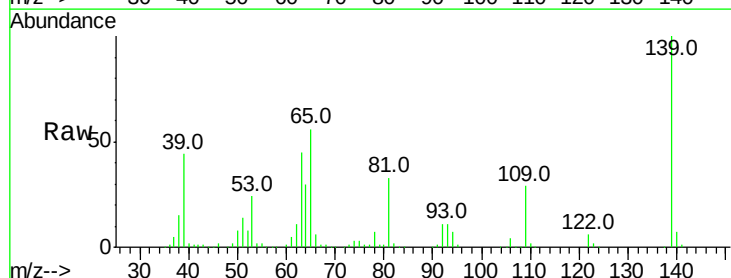
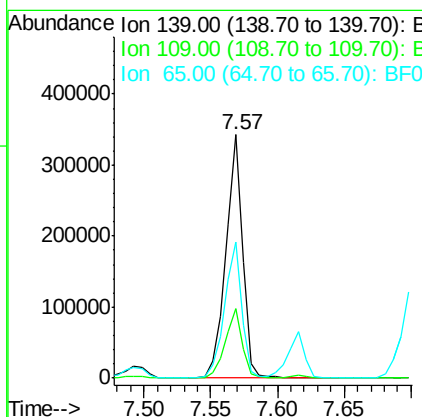
RT: 7.57 min Scan# 932

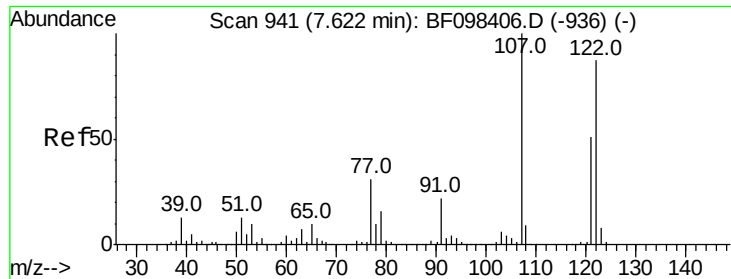
Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Tgt Ion:	139	Resp:	307770
Ion	Ratio	Lower	Upper
139	100		
109	28.7	21.0	31.6
65	55.9	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 41.855 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

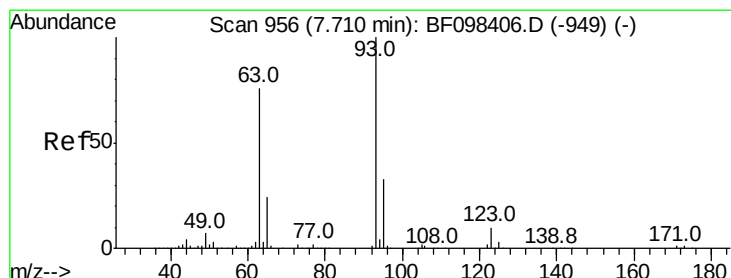
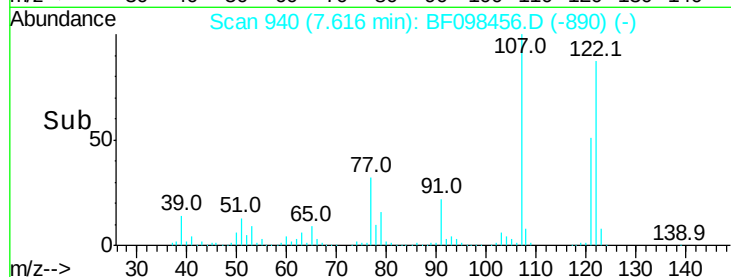
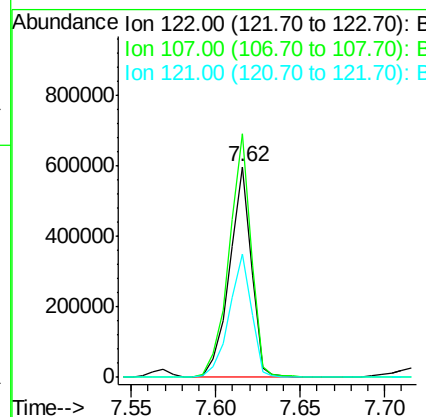
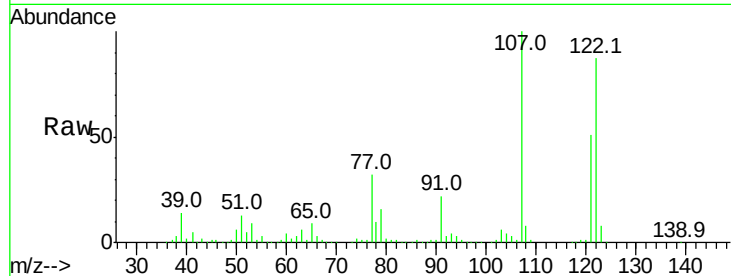
ClientSampled :

PB102209BS

Tot Ion:	122	Resp:	536262
Ion Ratio	Lower	Upper	
122	100		
107	115.5	89.2	133.8
121	58.6	45.2	67.8

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.600 ng

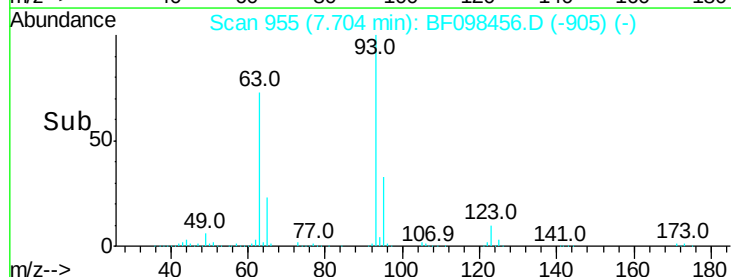
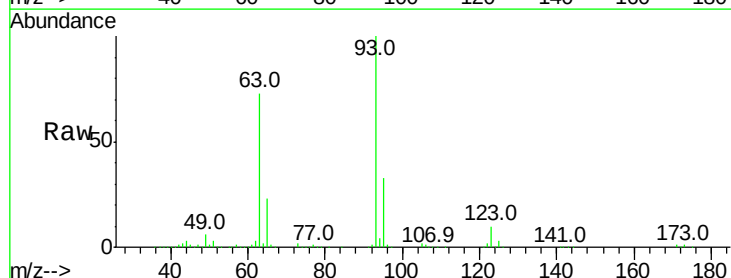
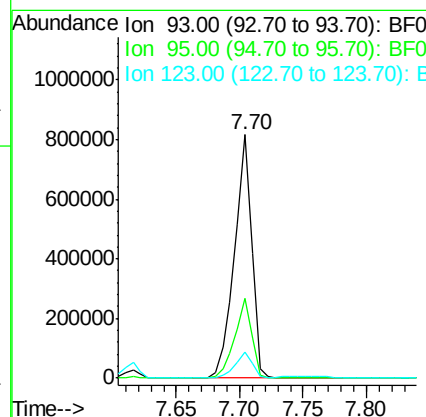
RT: 7.70 min Scan# 955

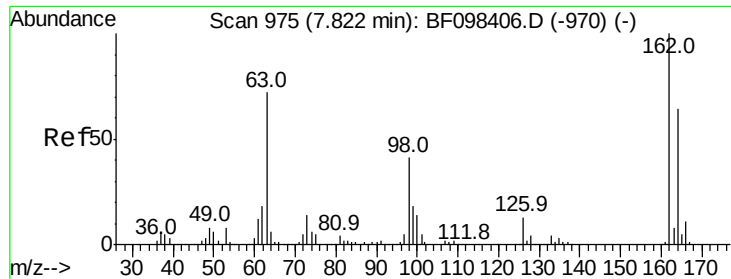
Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Tgt Ion:	93	Resp:	768589
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	10.5	9.0	13.4





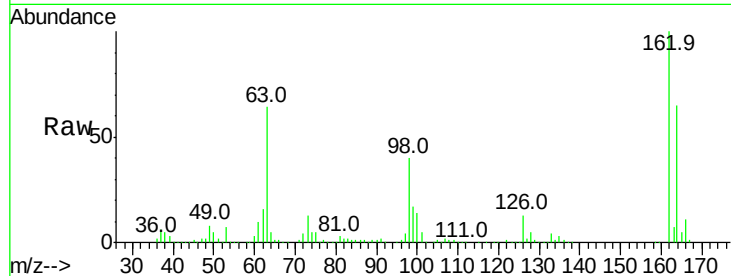
#29
2,4-Dichlorophenol
Concen: 44.987 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

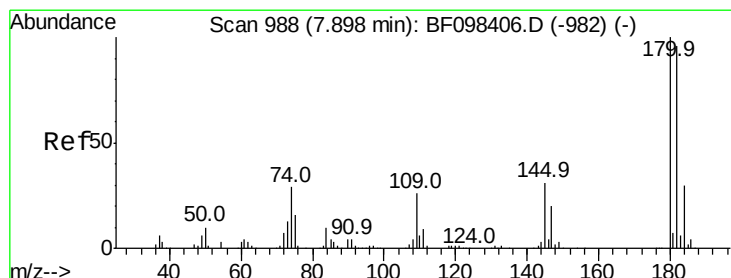
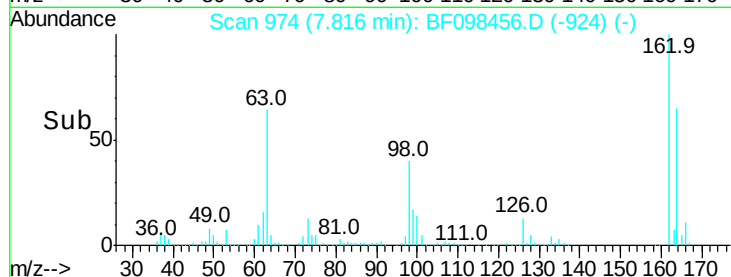
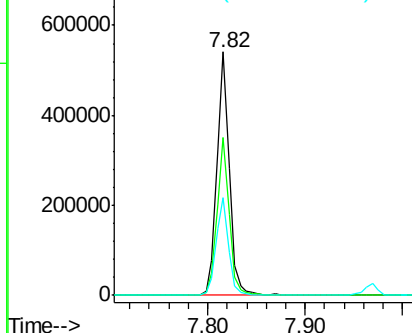
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	44.6	84.6
98	40.0	14.8	54.8

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM

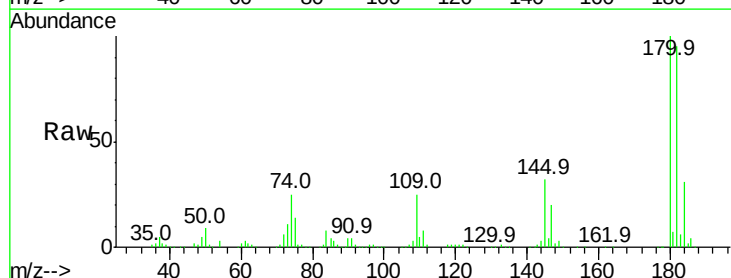


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

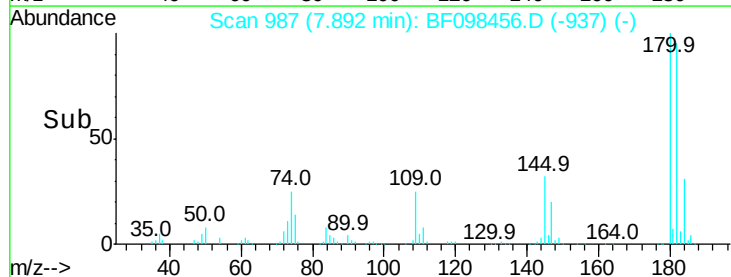
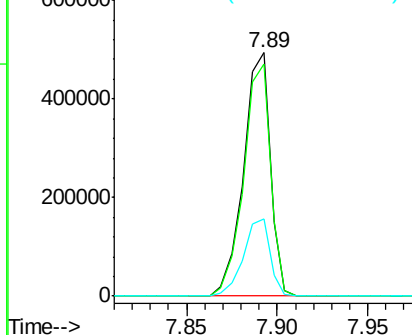


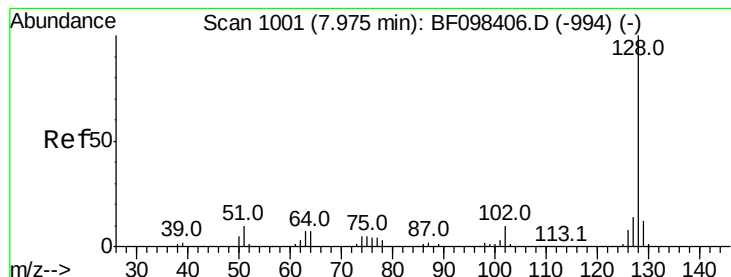
#30
1,2,4-Trichlorobenzene
Concen: 43.848 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	75.8	113.6
145	31.5	25.3	37.9



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





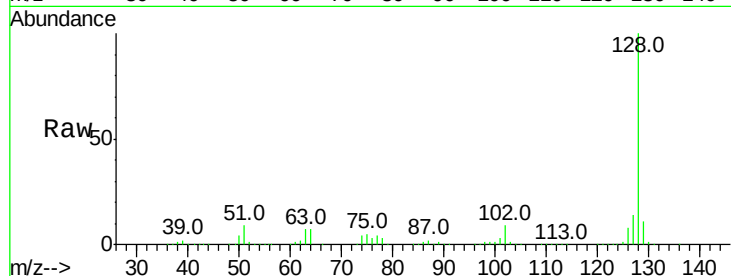
#31
Naphthalene
Concen: 42.901 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

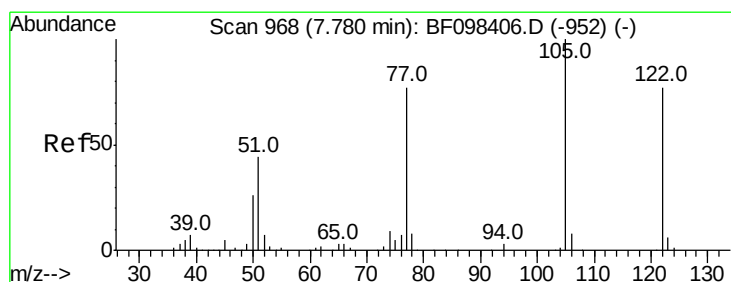
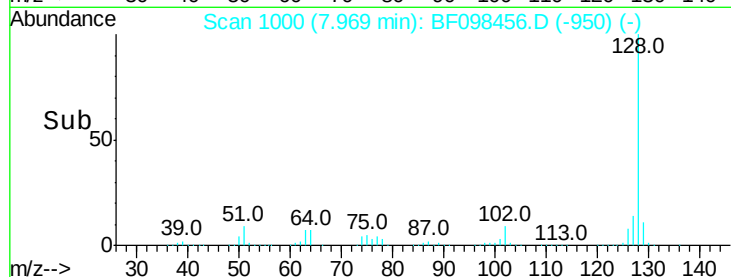
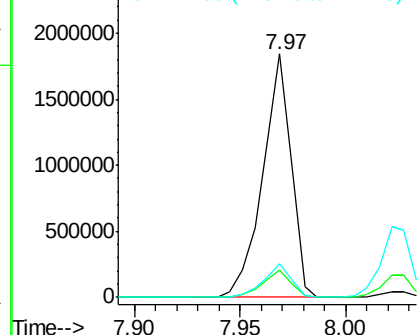
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	14.0	10.8	16.2

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM

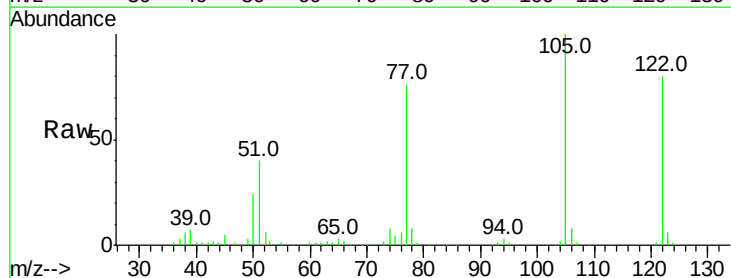


Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

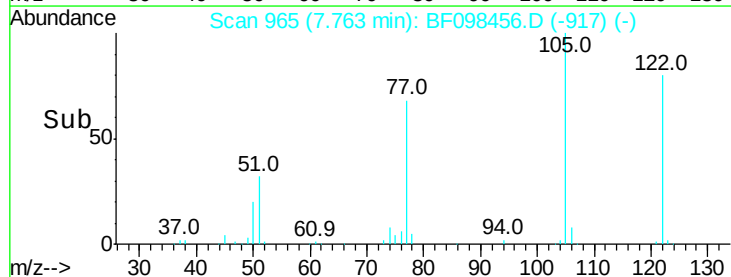
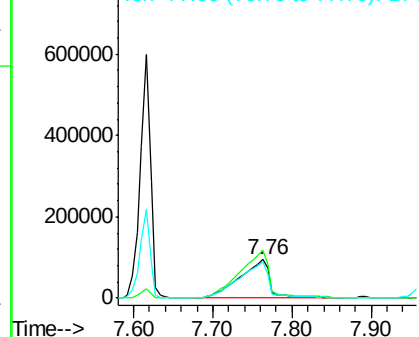


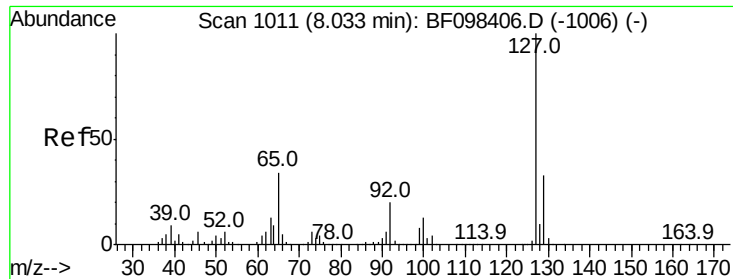
#32
Benzoic acid
Concen: 31.765 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	103.3	143.3
77	95.6	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
800000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





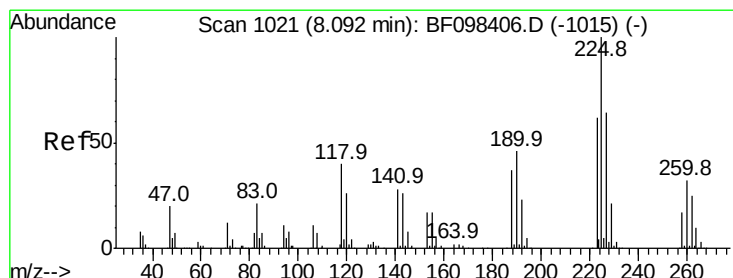
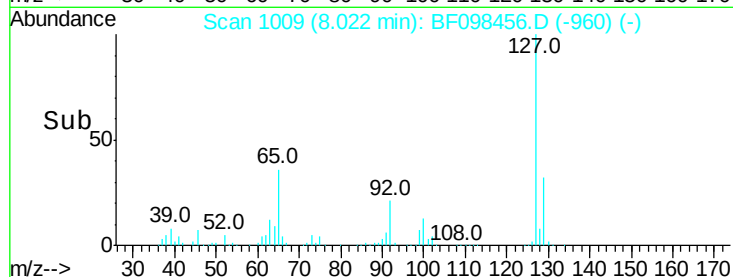
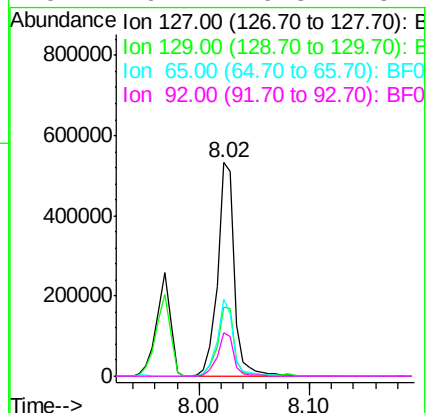
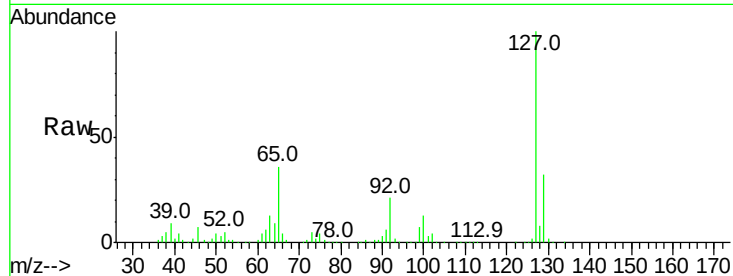
#33
4-Chloroaniline
Concen: 34.102 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.2	39.2	
65	36.2	27.8	41.8	
92	20.7	16.8	25.2	

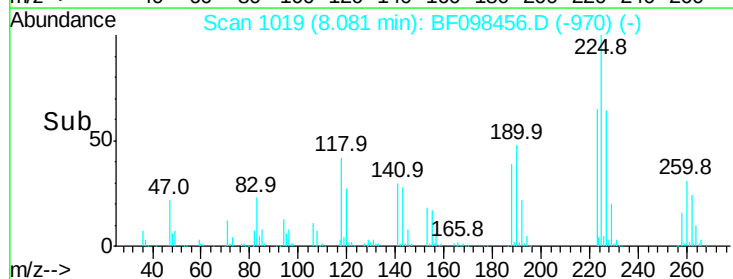
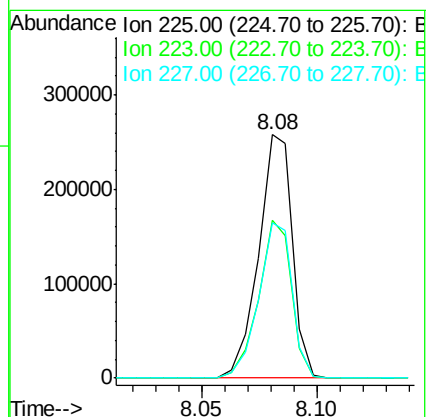
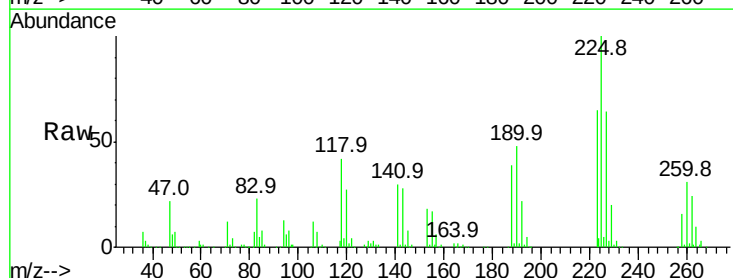
Manual Integrations
APPROVED

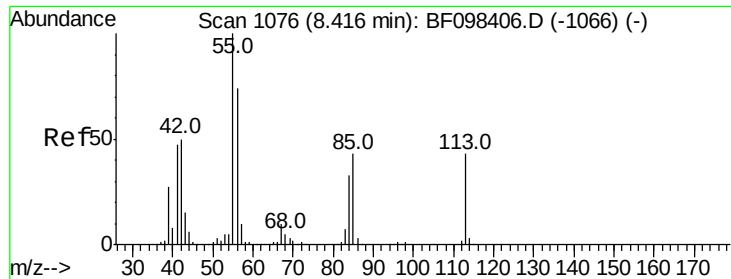
Sohil
9/13/2017 5:00:07 PM



#34
Hexachlorobutadiene
Concen: 44.132 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	48.8	73.2	
227	63.5	51.1	76.7	





#35

Caprolactam

Concen: 44.713 ng/ml

RT: 8.40 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleID :

PB102209BS

Tot Ion:113 Resp: 164296

Ion Ratio Lower Upper

113 100

55 230.5 150.2 190.2#

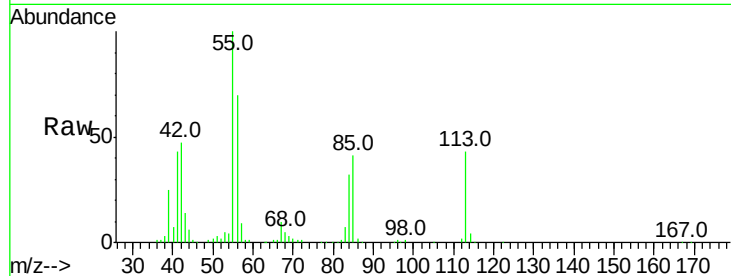
56 162.4 107.8 147.8#

Manual Integrations

APPROVED

Sohil

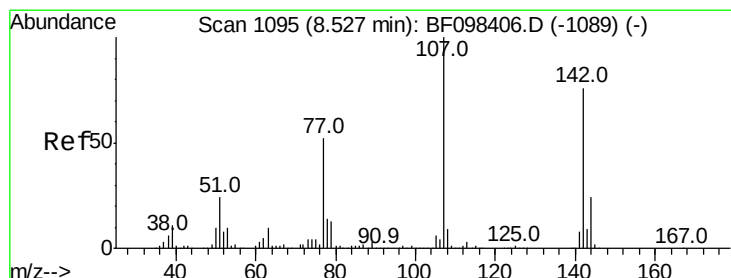
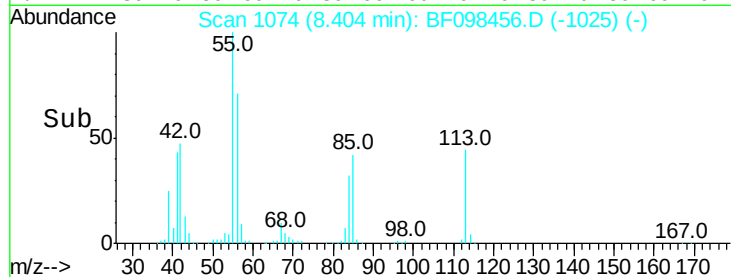
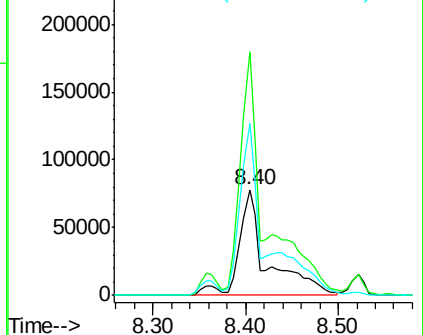
9/13/2017 5:00:07 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.645 ng/ml

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

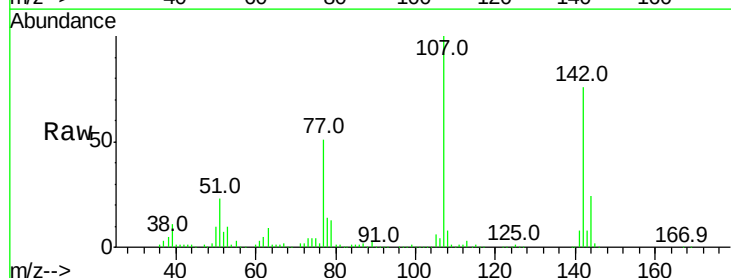
Tgt Ion:107 Resp: 537123

Ion Ratio Lower Upper

107 100

144 24.5 24.2 36.4

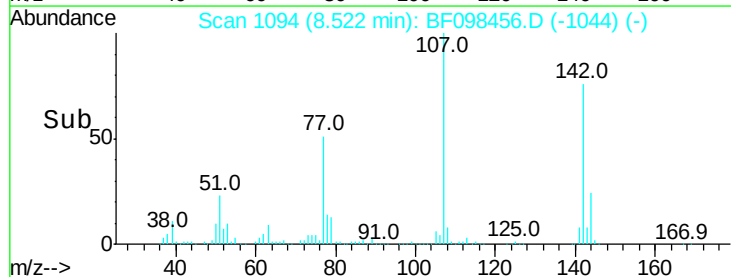
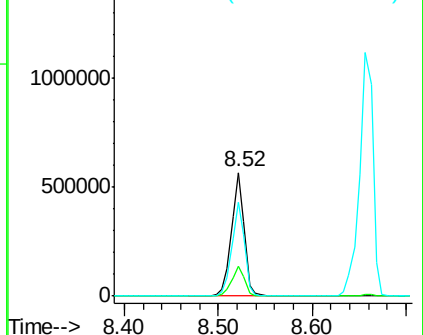
142 75.7 73.4 110.0

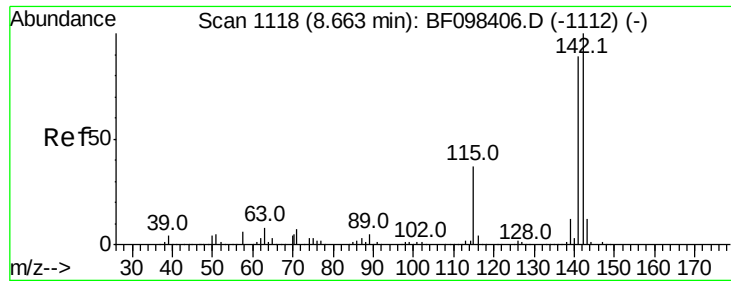


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





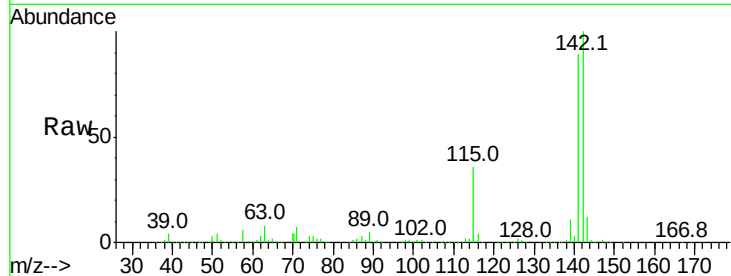
#37
2-Methylnaphthalene
Concen: 45.589 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampled :
PB102209BS

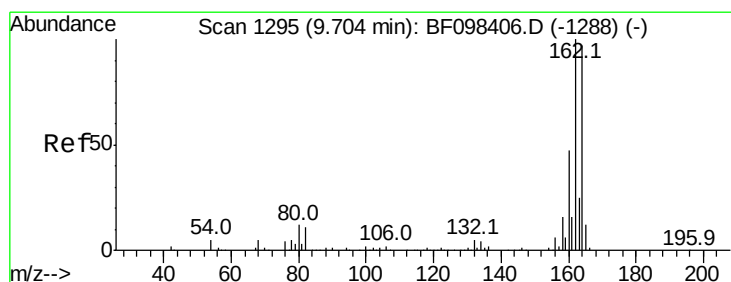
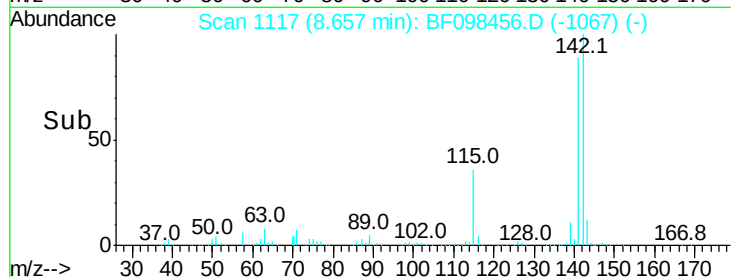
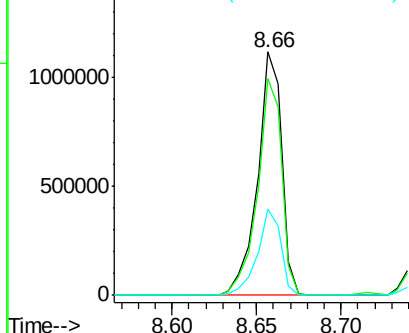
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	35.5	27.1	40.7

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM



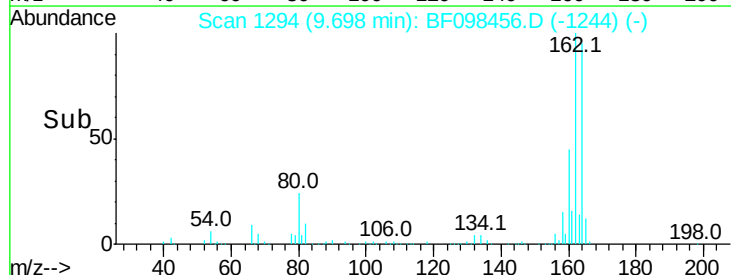
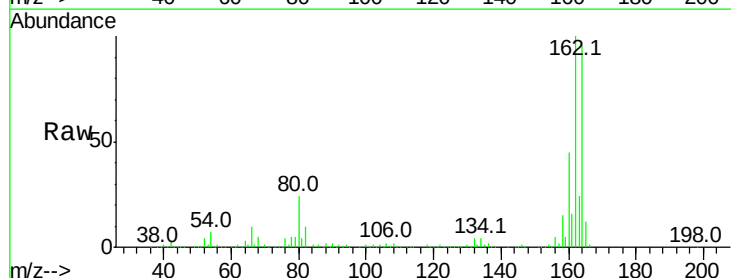
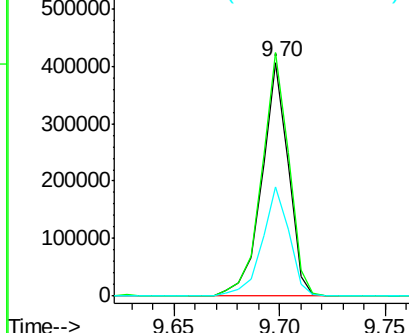
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

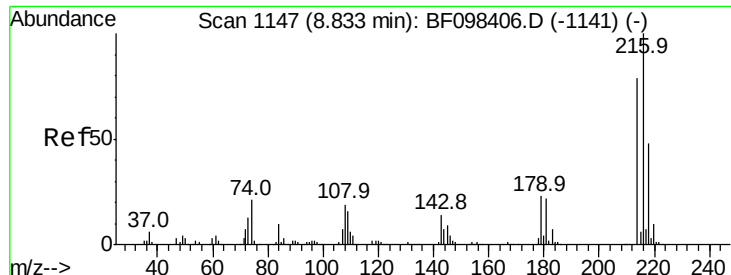


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	46.6	36.2	54.2

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.104 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

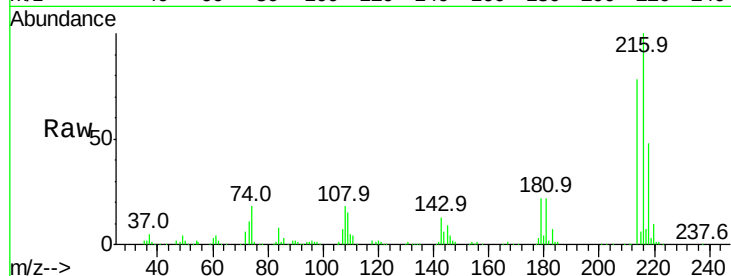
PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	464496		
214	78.9	63.4	95.2	
179	22.5	17.9	26.9	
108	20.4	16.5	24.7	

Manual Integrations
APPROVED

Sohil

9/13/2017 5:00:07 PM

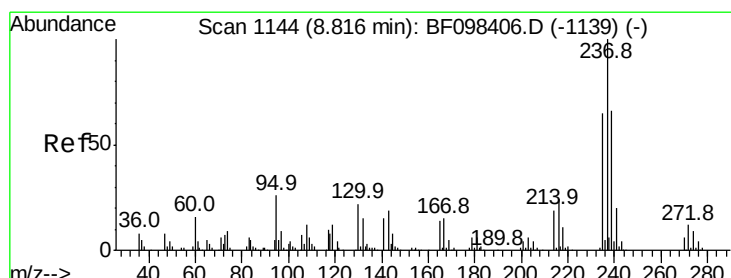
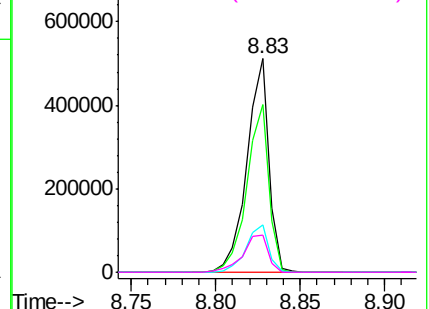
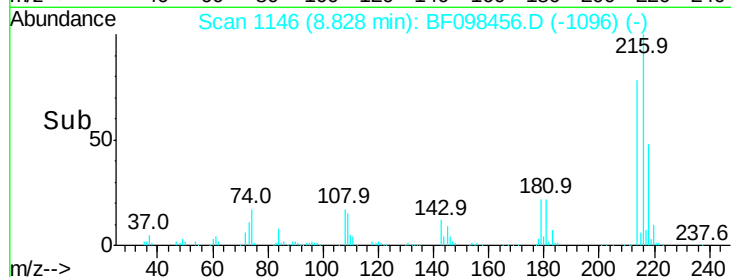


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.677 ng

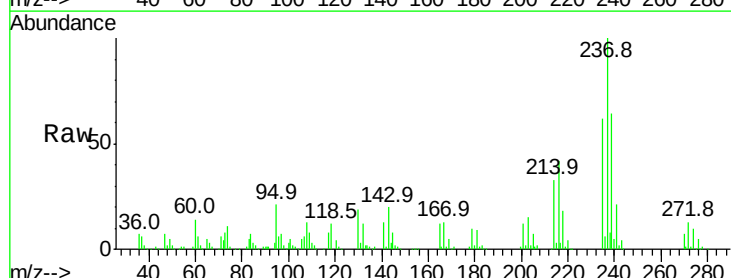
RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

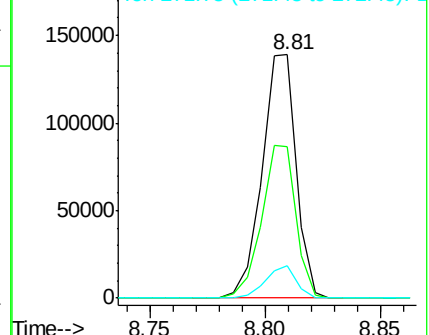
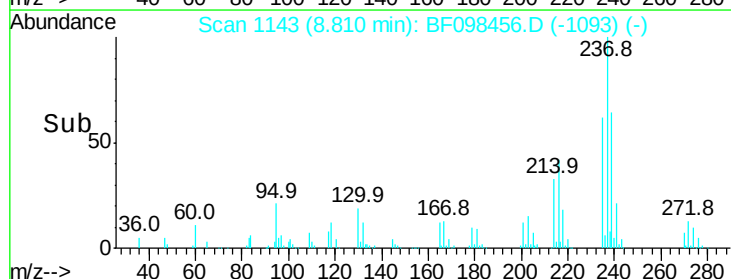
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	143083		
235	62.4	42.6	82.6	
272	13.1	0.0	31.9	

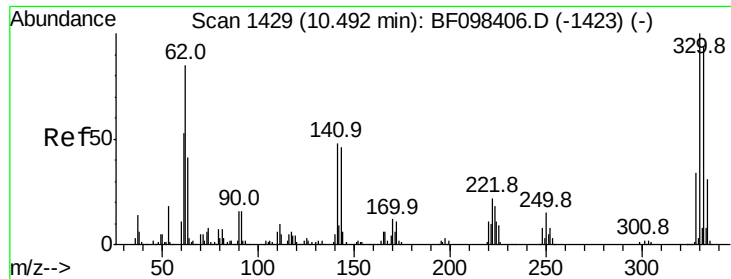


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





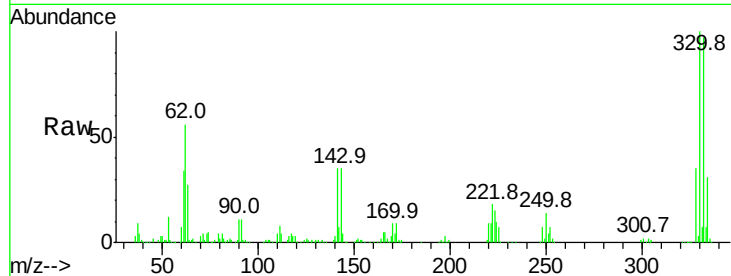
#41
 2,4,6-Tribromophenol
 Concen: 139.571 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampled :
 PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	329912		
332	97.3	76.6	115.0	
141	42.0	31.4	47.2	

Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:07 PM

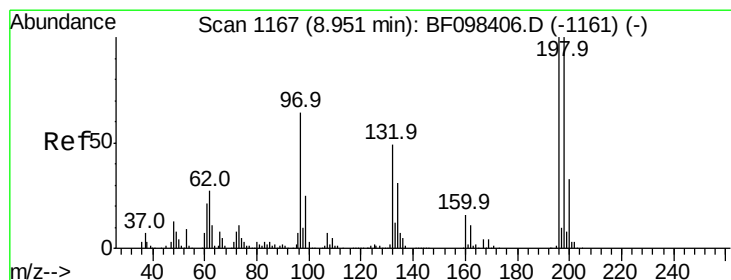
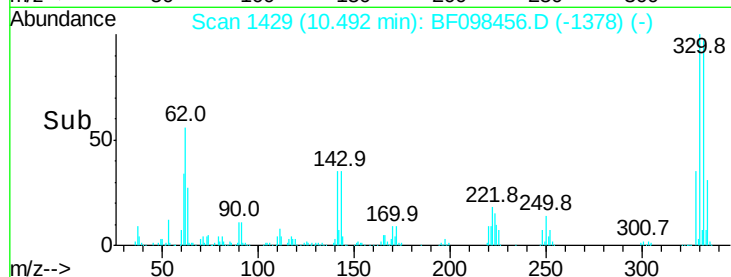
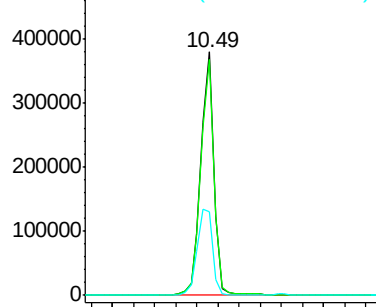


Abundance

Ion 329.80 (329.50 to 330.50): E

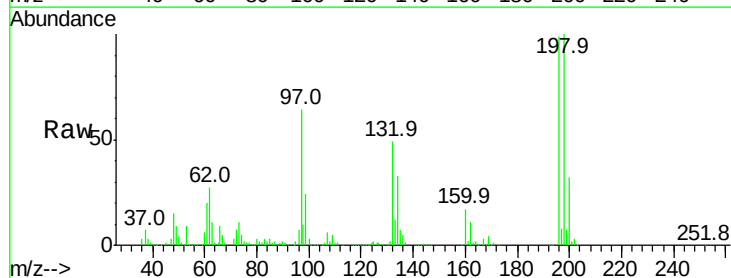
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.832 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	296986		
198	101.3	74.2	111.4	
200	32.6	24.0	36.0	

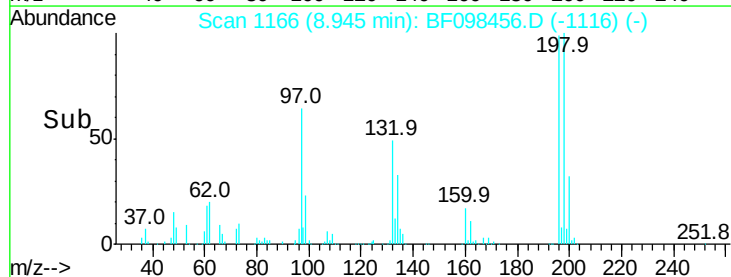
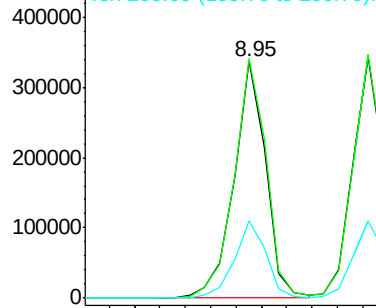


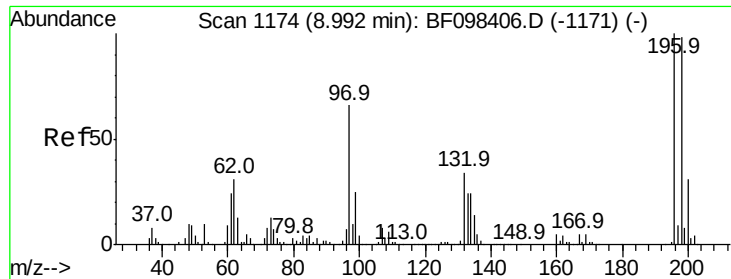
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





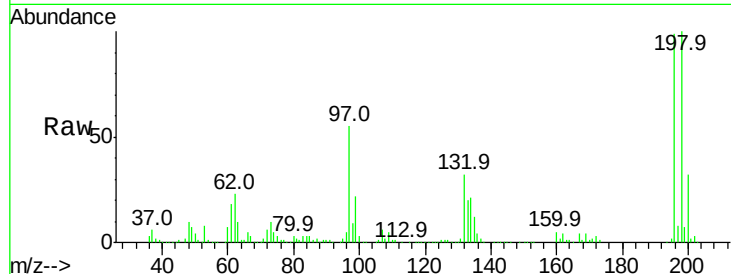
#43
 2,4,5-Trichlorophenol
 Concen: 46.152 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

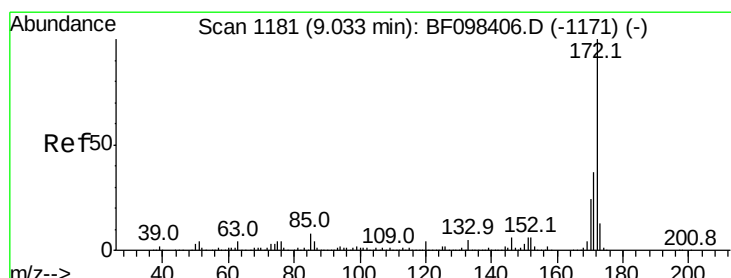
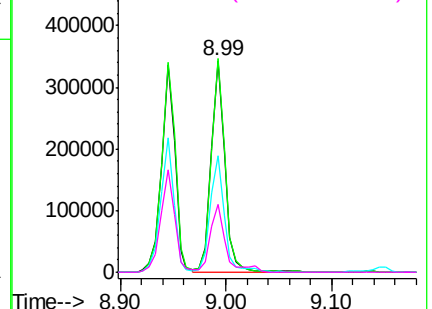
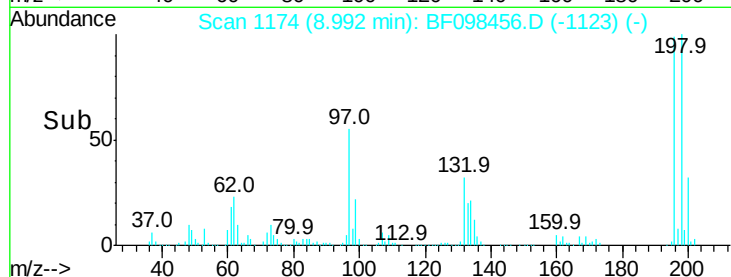
Tot Ion	196	Resp	312586
Ion Ratio	Lower	Upper	
196	100		
198	101.0	75.7	113.5
97	55.1	47.7	71.5
132	32.4	28.0	42.0

Manual Integrations
 APPROVED

Sohil
 9/13/2017 5:00:07 PM

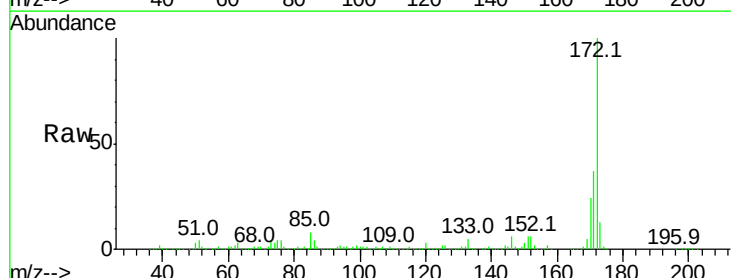


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

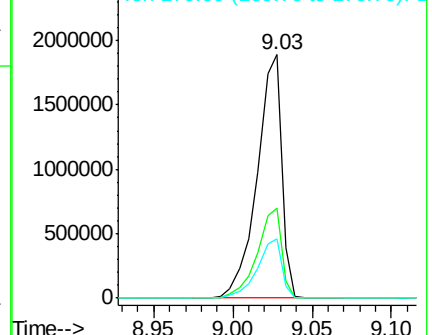
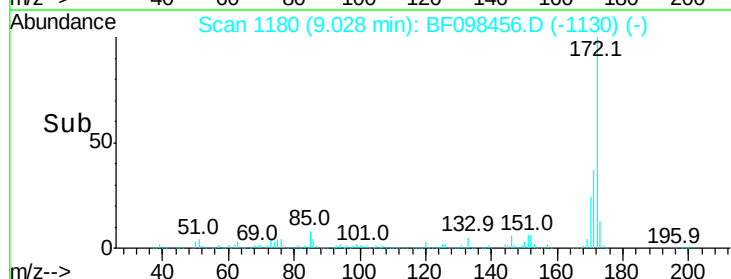


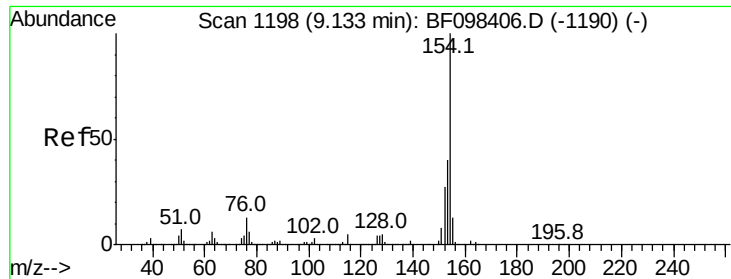
#44
 2-Fluorobiphenyl
 Concen: 97.884 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	172	Resp	2045357
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.6	44.4
170	24.3	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.140 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

Tot Ion:154 Resp: 1304125

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

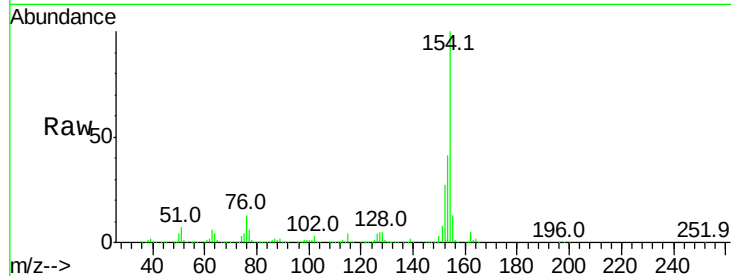
76 13.1 0.0 29.9

Manual Integrations

APPROVED

Sohil

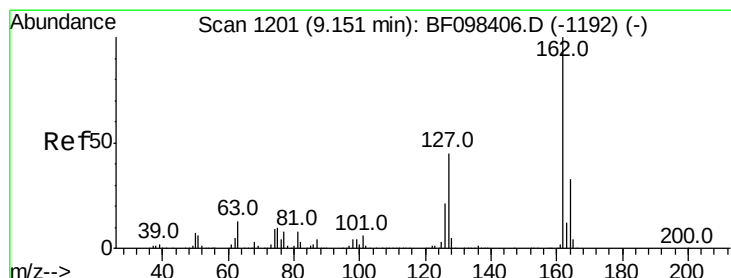
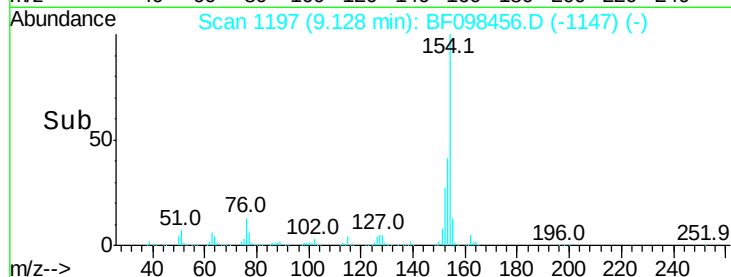
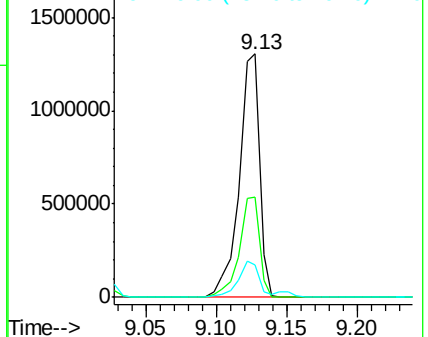
9/13/2017 5:00:07 PM



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): BF0



#46

2-Chloronaphthalene

Concen: 43.644 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

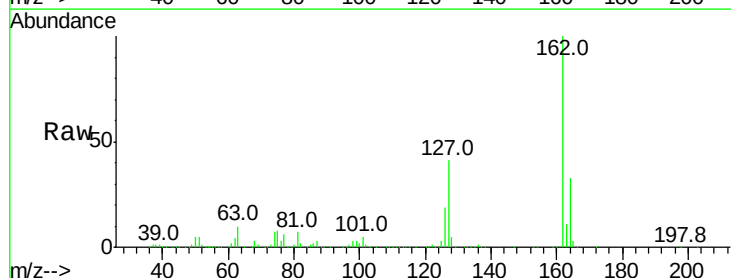
Tgt Ion:162 Resp: 988071

Ion Ratio Lower Upper

162 100

127 41.1 28.3 42.5

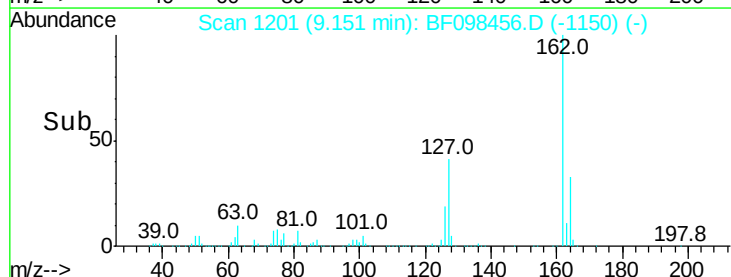
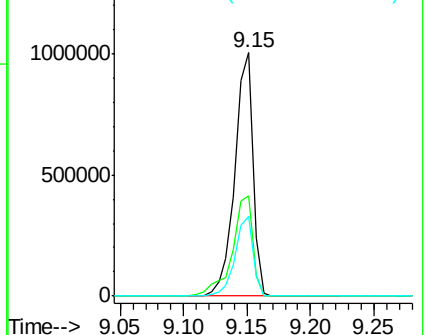
164 32.6 27.0 40.4

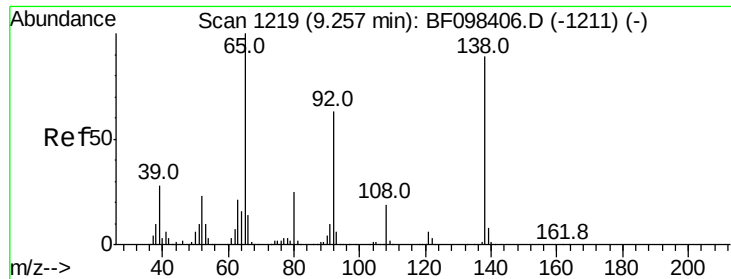


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.657 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

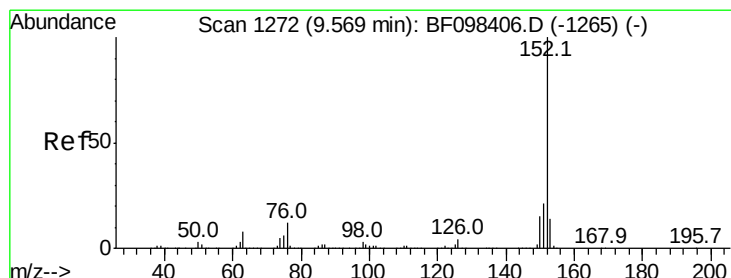
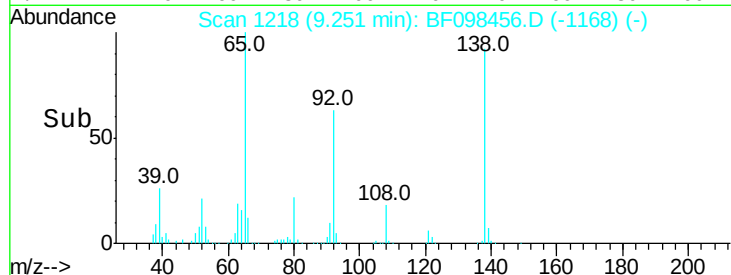
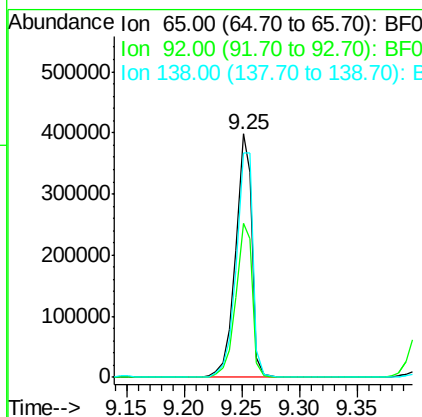
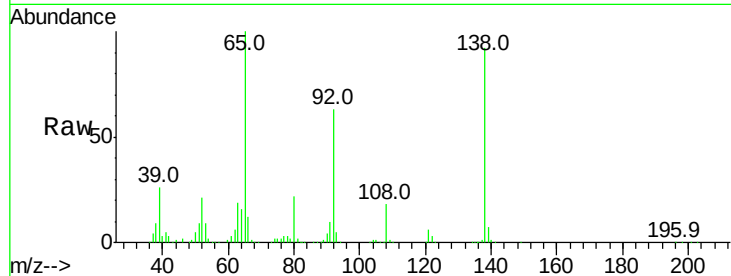
PB102209BS

Tot Ion:	65	Resp:	388042
Ion Ratio	Lower	Upper	
65	100		
92	63.3	53.9	80.9
138	92.0	78.8	118.2

Manual Integrations
APPROVED

Sohil

9/13/2017 5:00:07 PM



#48

Acenaphthylene

Concen: 41.924 ng

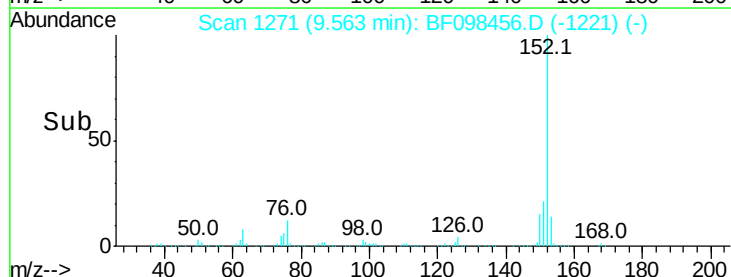
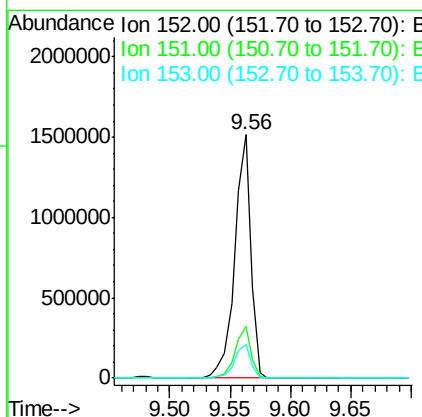
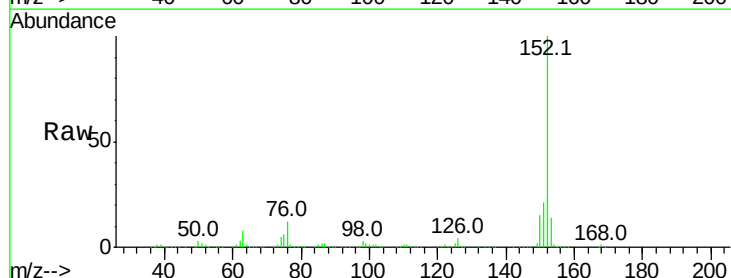
RT: 9.56 min Scan# 1271

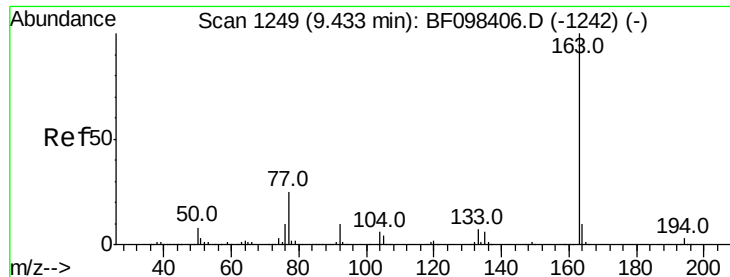
Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Tgt Ion:	152	Resp:	1411198
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	14.1	10.8	16.2





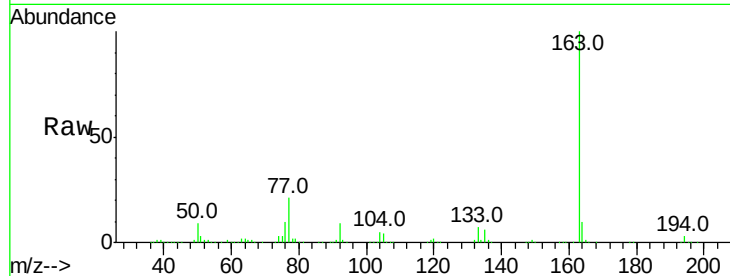
#49
Dimethylphthalate
Concen: 43.317 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampled :
PB102209BS

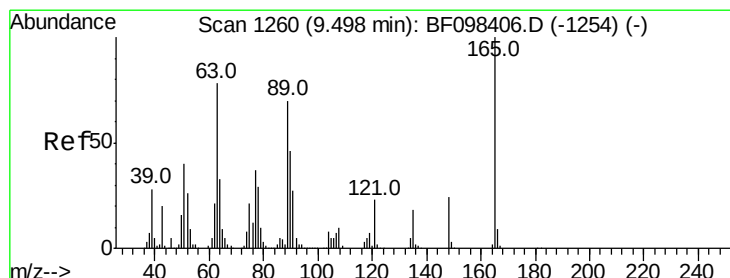
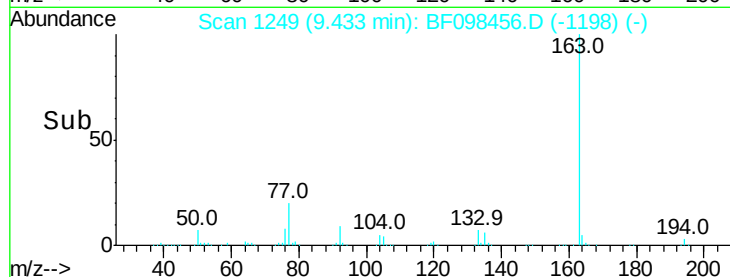
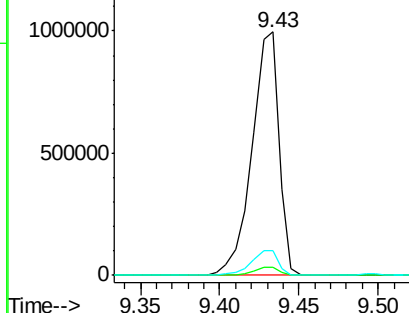
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4		2.6	4.0
164	9.9		8.4	12.6

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM

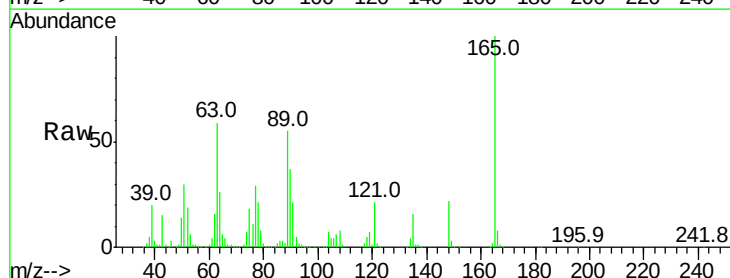


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

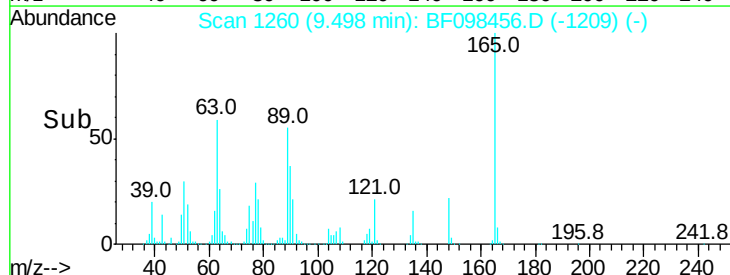
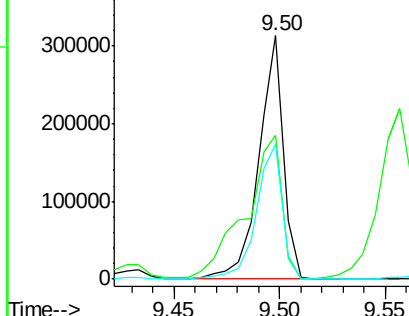


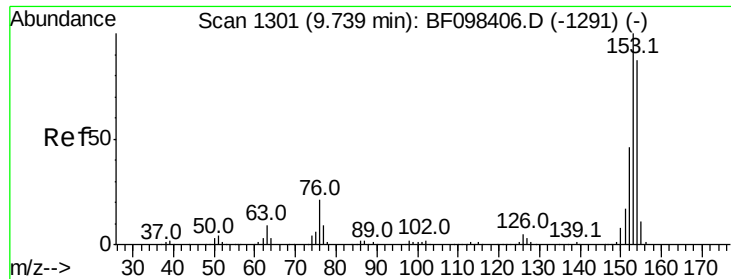
#50
2,6-Dinitrotoluene
Concen: 44.882 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.3		34.3	51.5#
89	55.1		37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.731 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

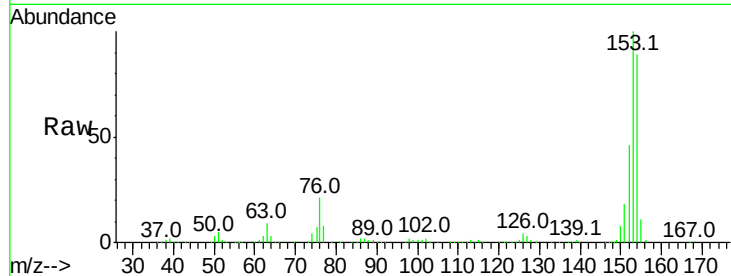
ClientSampleId :

PB102209BS

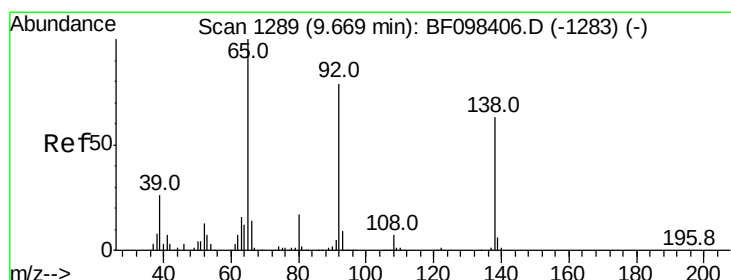
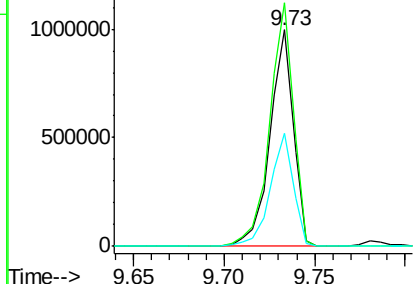
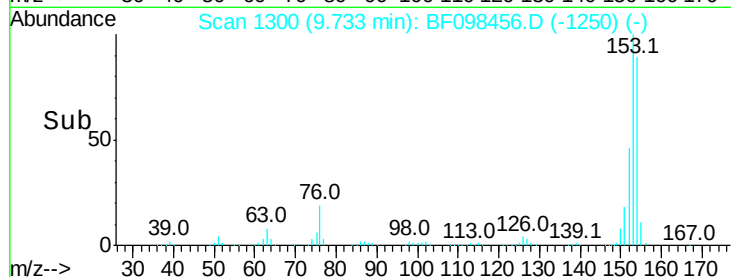
Tot Ion:	154	Resp:	892932
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.5	135.7
152	52.2	43.6	65.4

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM



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



#52

3-Nitroaniline

Concen: 34.500 ng

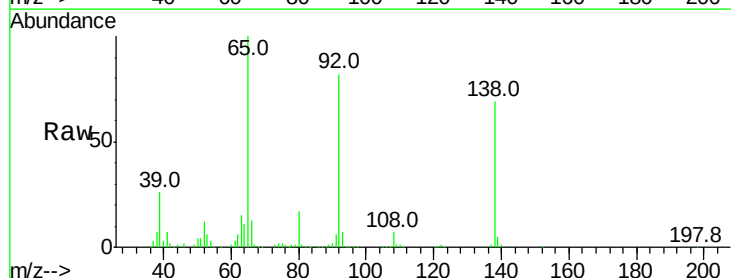
RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

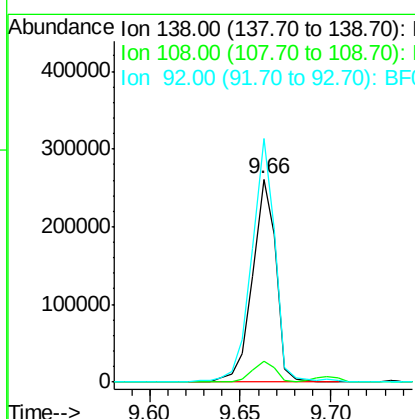
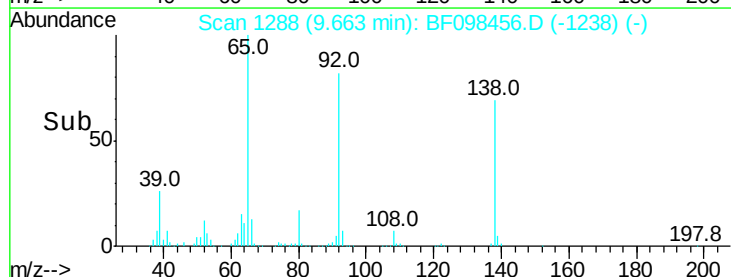
Lab File: BF098456.D

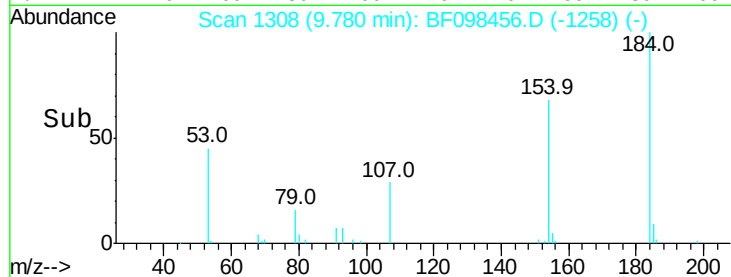
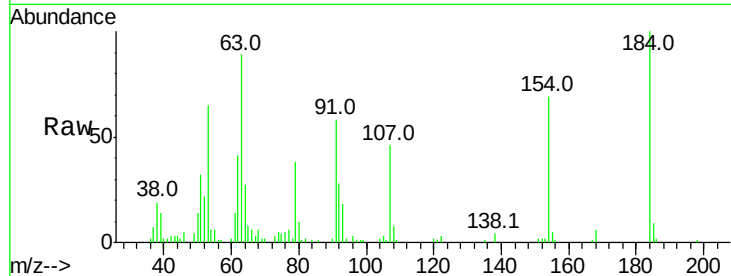
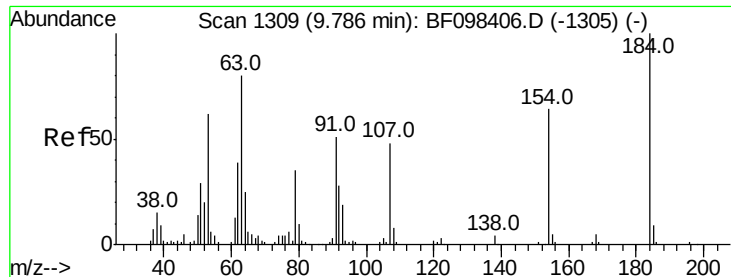
Acq: 12 Sep 2017 17:59

Tgt Ion:	138	Resp:	234525
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	120.1	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





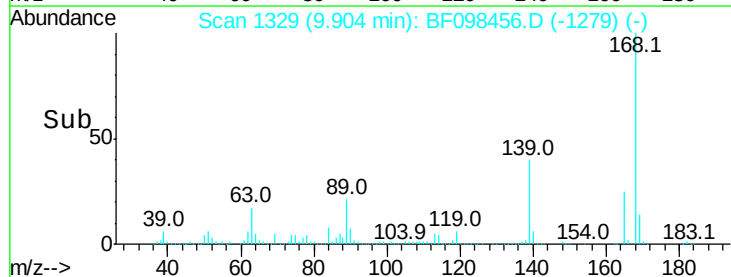
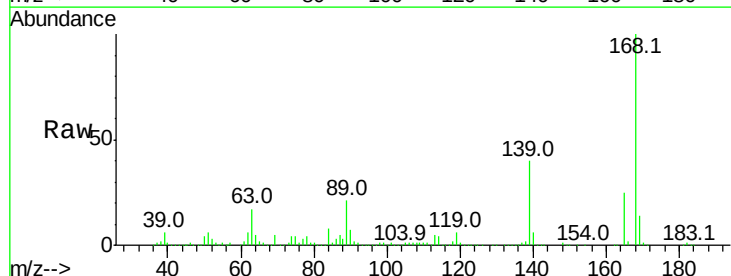
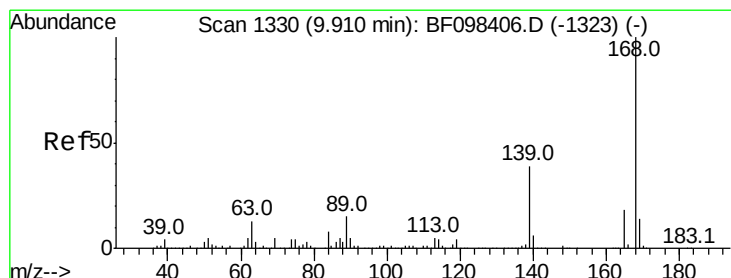
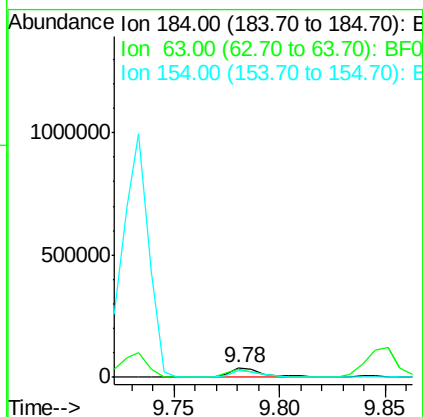
#53
2,4-Dinitrophenol
Concen: 23.203 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tot Ion:184 Resp: 43733
Ion Ratio Lower Upper
184 100
63 88.6 62.7 94.1
154 69.5 81.1 121.7#

Instrument :
BNA_F
ClientSampleId :
PB102209BS

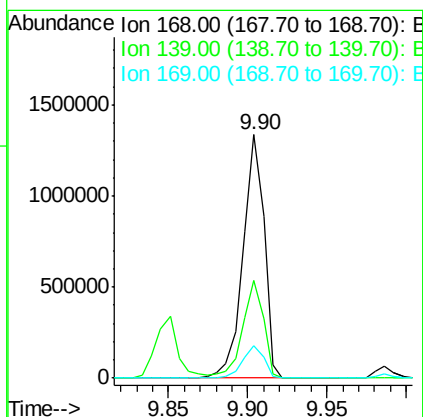
Manual Integrations
APPROVED

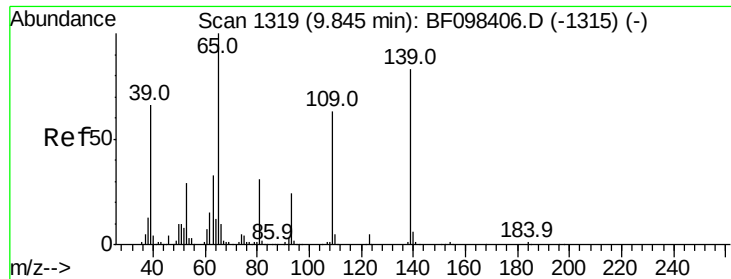
Sohil
9/13/2017 5:00:07 PM



#54
Dibenzofuran
Concen: 43.624 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:168 Resp: 1229706
Ion Ratio Lower Upper
168 100
139 40.4 30.6 45.8
169 13.5 10.8 16.2





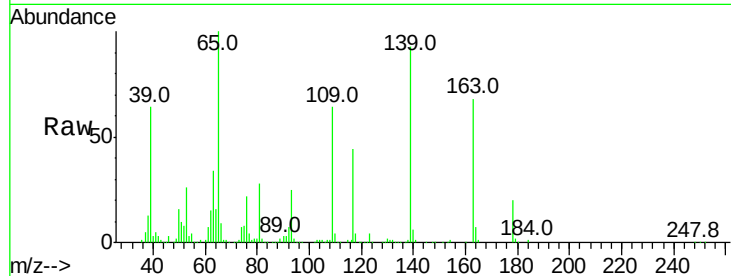
#55
4-Nitrophenol
Concen: 84.686 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.5	34.1	74.1	
65	107.4	31.4	71.4	

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM

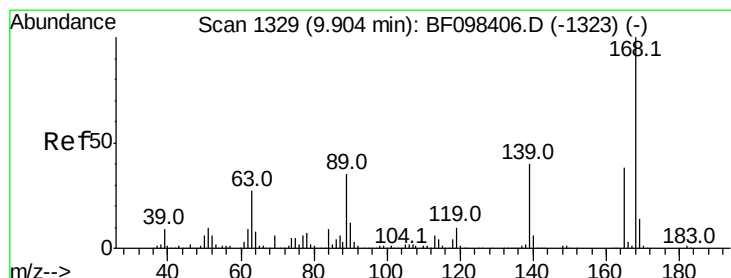
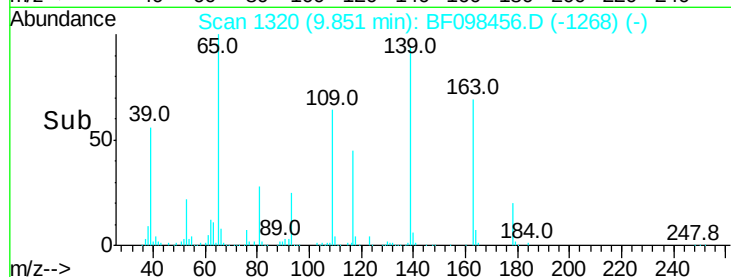
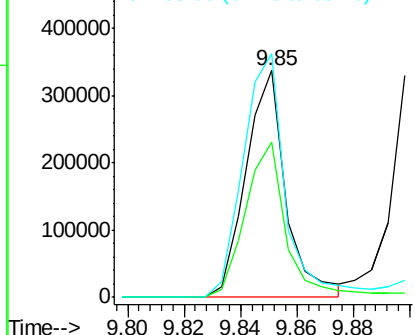


Abundance

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): E



#56
2,4-Dinitrotoluene
Concen: 42.343 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	69.2	25.4	38.0	
89	83.7	46.4	69.6	
182	2.6	1.8	2.6	

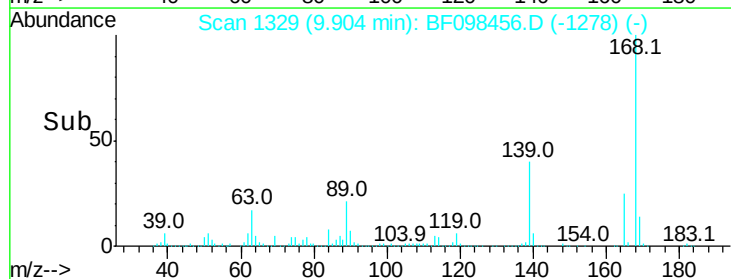
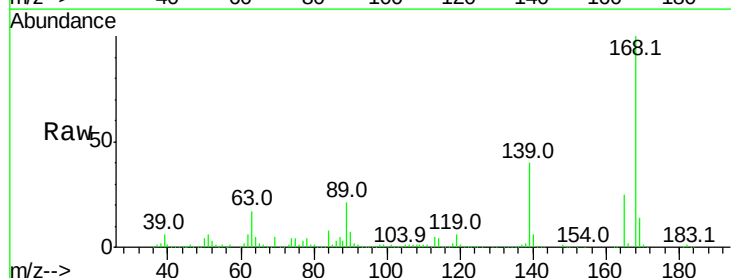
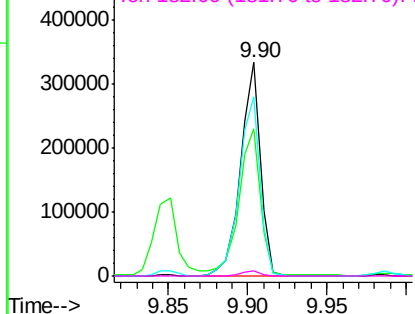
Abundance

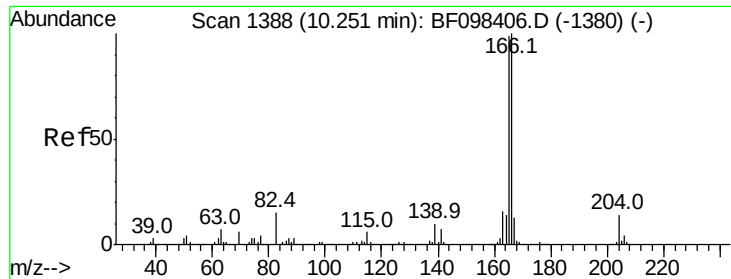
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.763 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

PB102209BS

Tot Ion:166 Resp: 951071

Ion Ratio Lower Upper

166 100

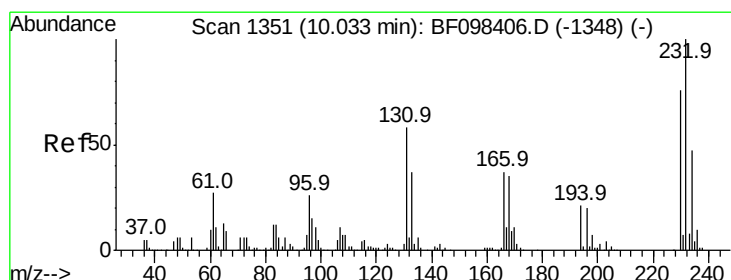
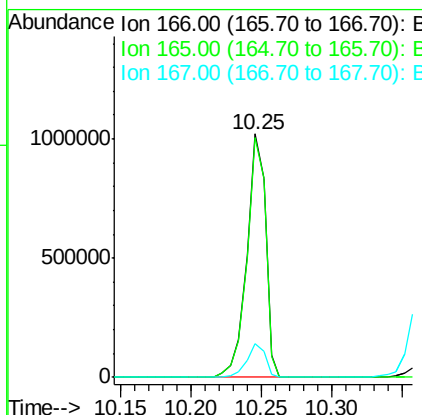
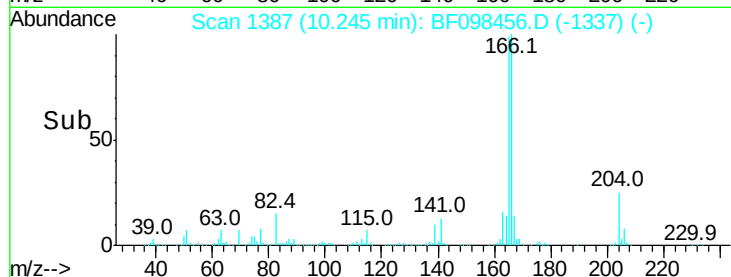
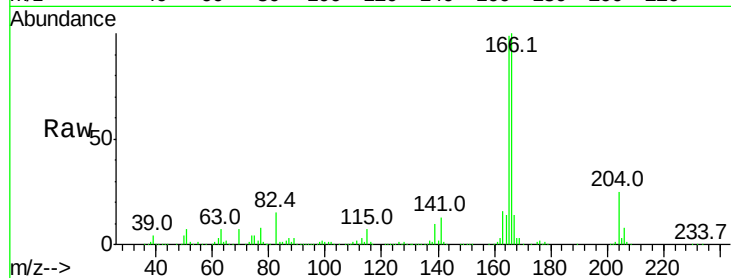
165 98.6 78.8 118.2

167 13.7 10.6 16.0

Manual Integrations
APPROVED

Sohil

9/13/2017 5:00:07 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.699 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Tgt Ion:232 Resp: 221667

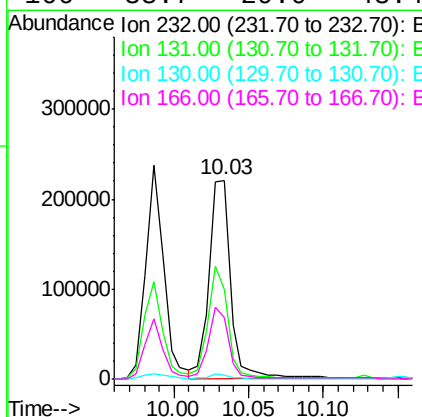
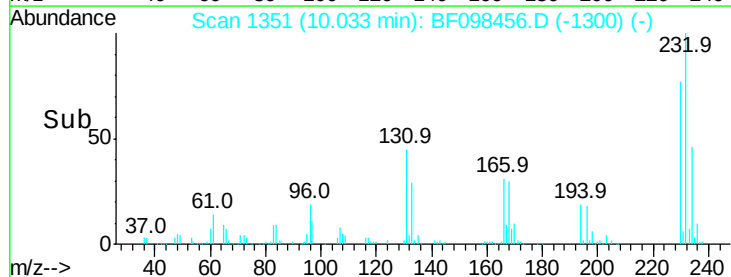
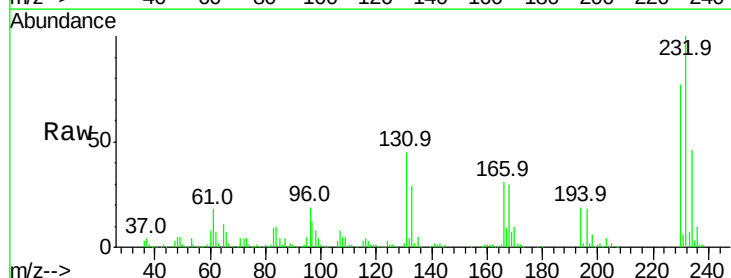
Ion Ratio Lower Upper

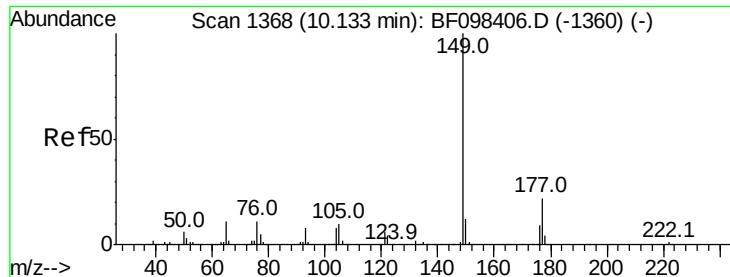
232 100

131 51.6 44.8 67.2

130 2.7 2.3 3.5

166 33.7 29.0 43.4





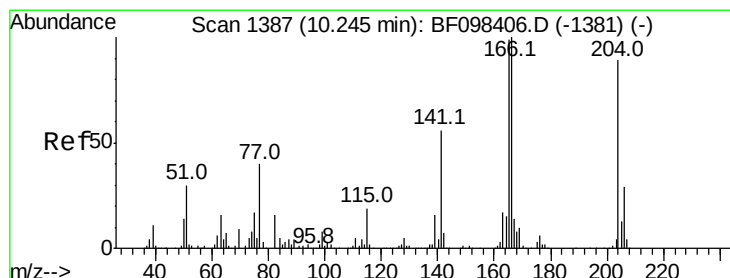
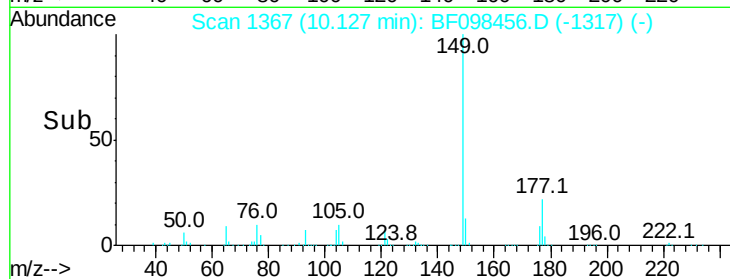
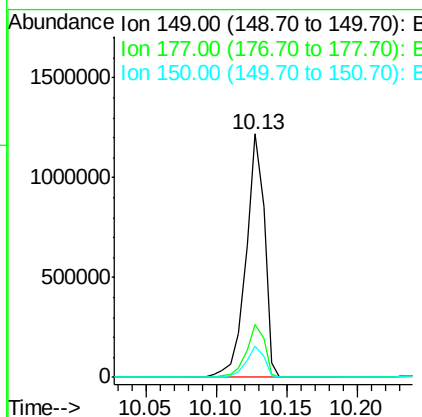
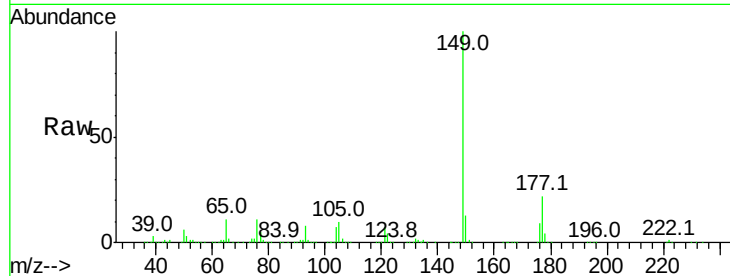
#59
Diethylphthalate
Concen: 42.791 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion:149 Resp: 1115688
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.8 10.2 15.2

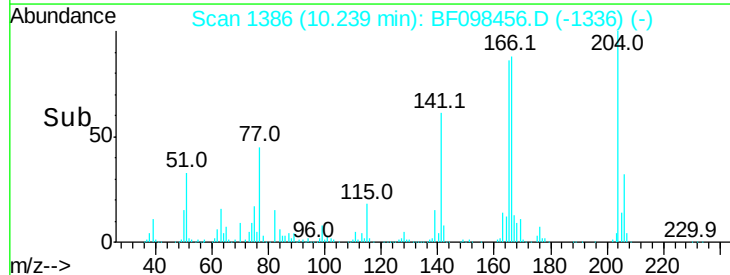
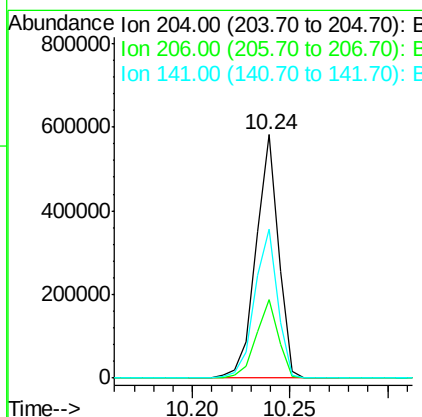
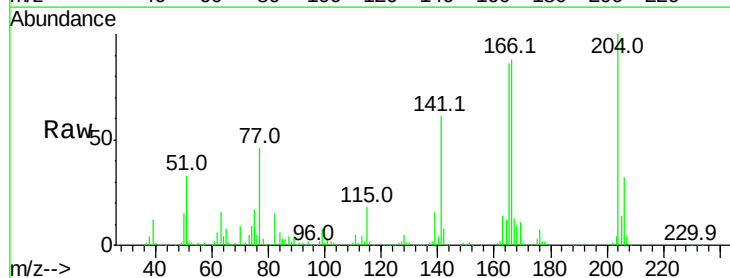
Manual Integrations
APPROVED

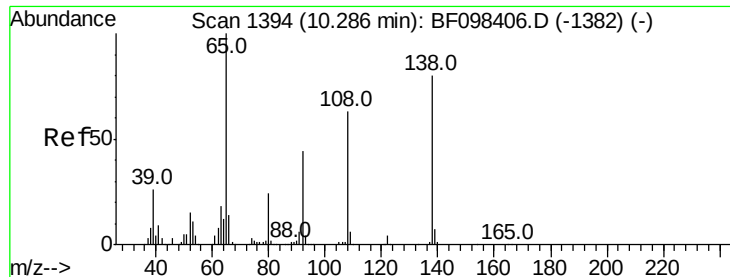
Sohil
9/13/2017 5:00:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.090 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:204 Resp: 464372
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 61.4 60.8 91.2





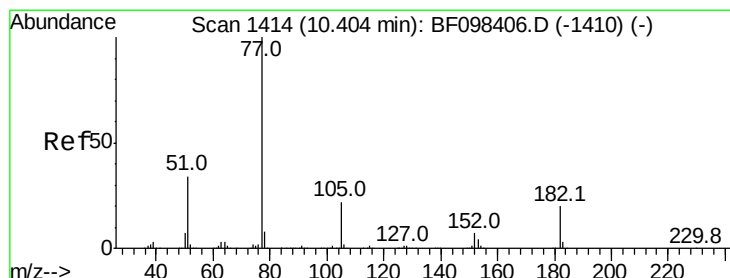
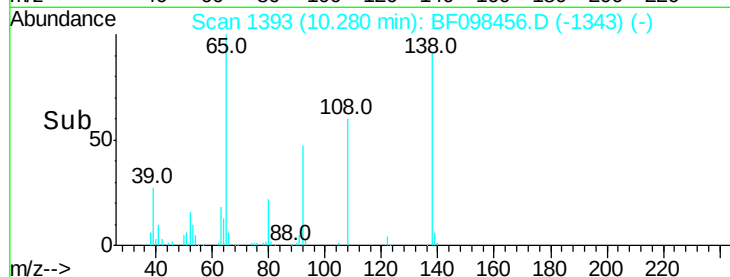
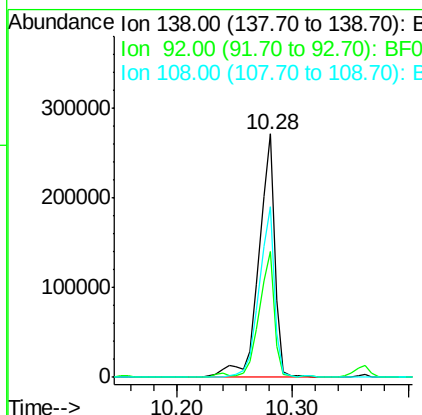
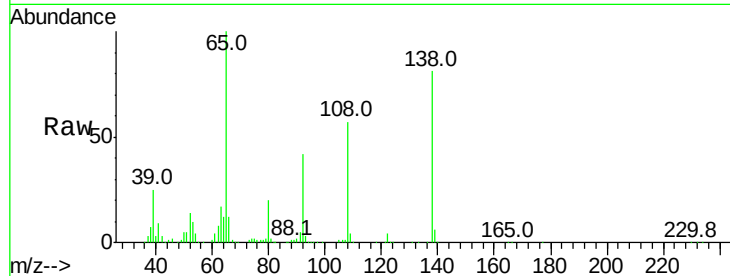
#61
4-Nitroaniline
Concen: 38.946 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	267367		
92	51.6	21.8	61.8	
108	70.2	42.3	82.3	

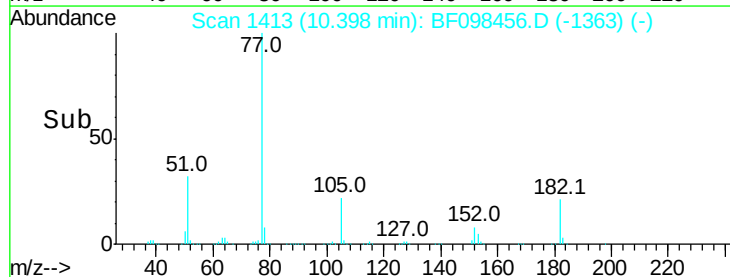
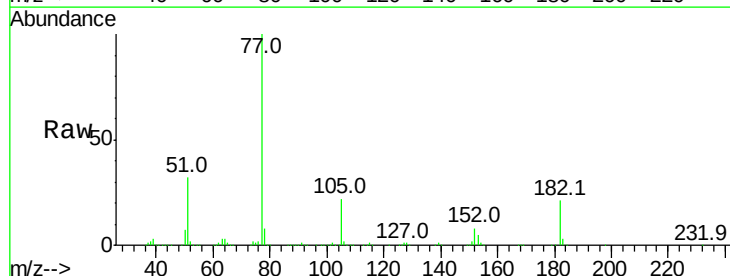
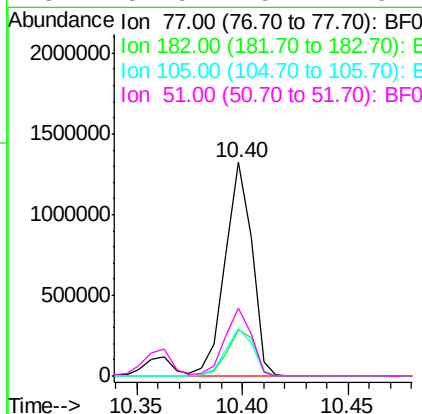
Manual Integrations
APPROVED

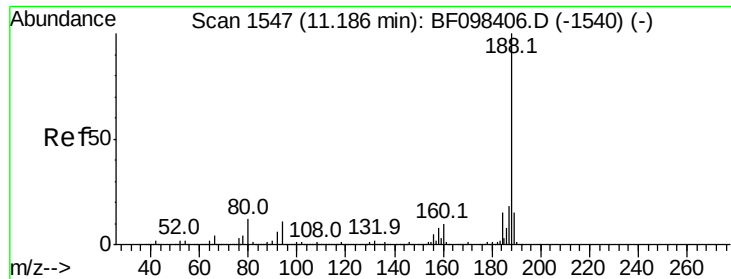
Sohil
9/13/2017 5:00:07 PM



#62
Azobenzene
Concen: 41.046 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1153412		
182	21.5	0.1	40.1	
105	22.5	3.6	43.6	
51	32.0	9.4	49.4	





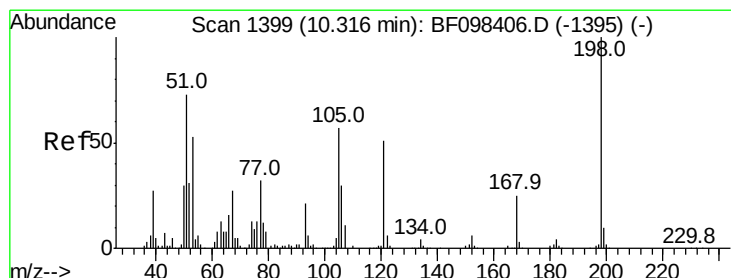
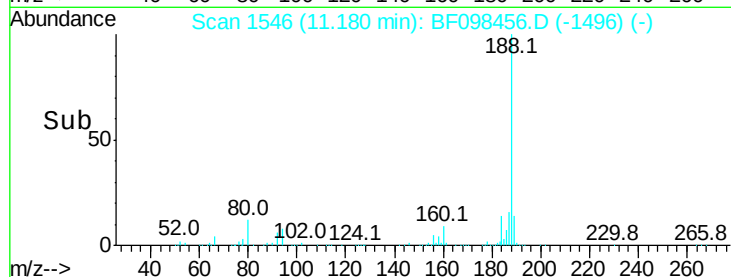
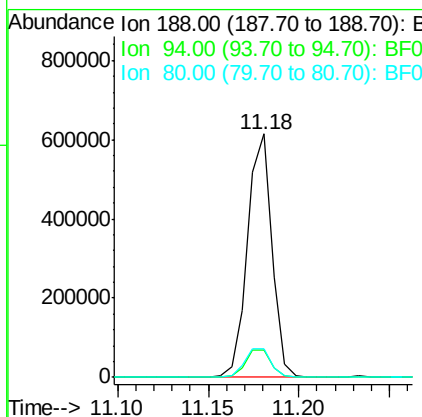
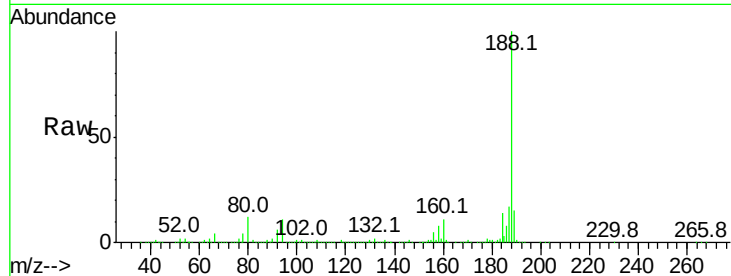
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	573550		
94	11.2		9.4	14.2
80	12.0		10.2	15.2

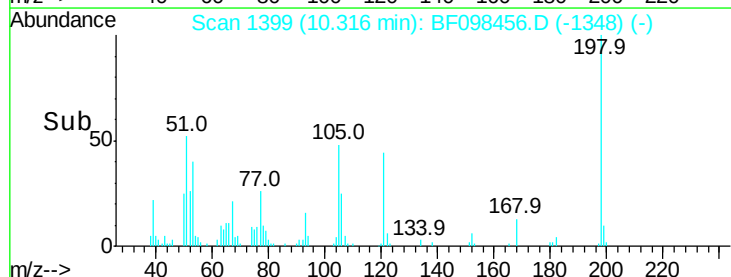
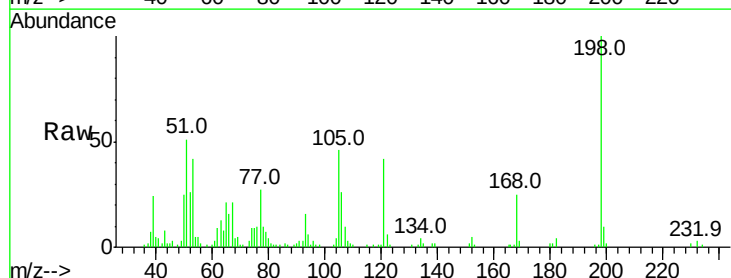
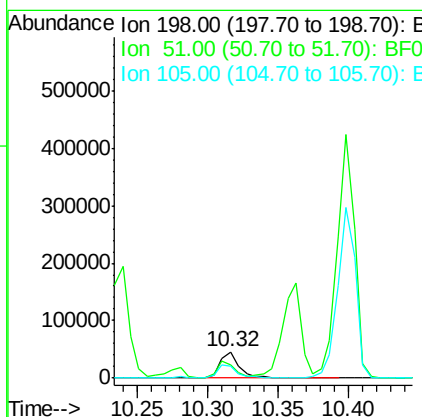
Manual Integrations
APPROVED

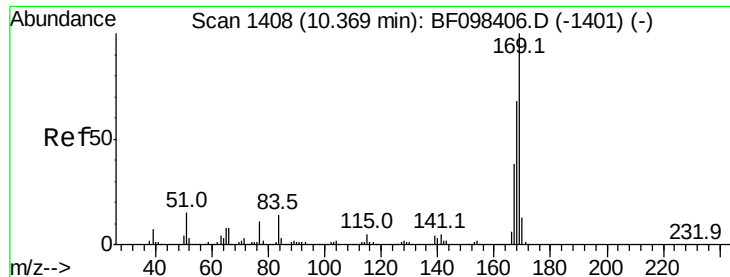
Sohil
9/13/2017 5:00:07 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 16.291 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	44444		
51	51.4		53.2	93.2#
105	46.1		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 47.202 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

PB102209BS

Tot Ion:169 Resp: 879073

Ion Ratio Lower Upper

169 100

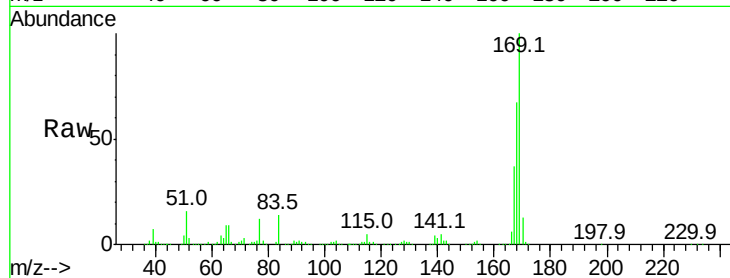
168 67.4 53.2 79.8

167 36.7 29.5 44.3

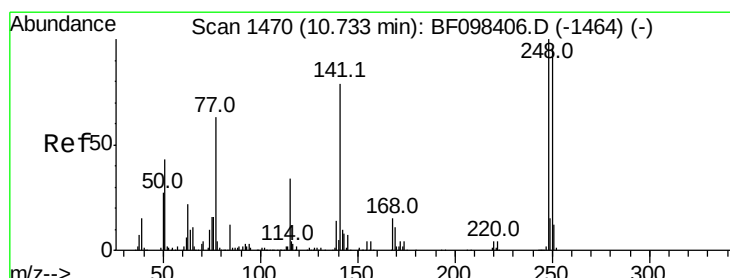
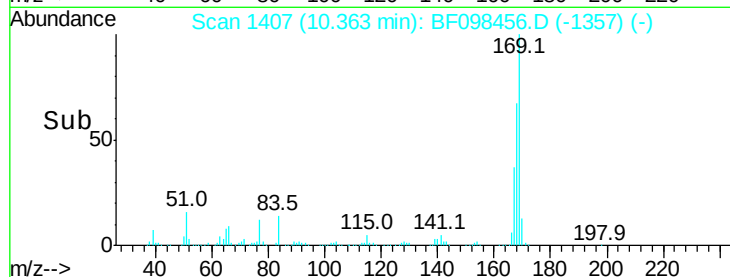
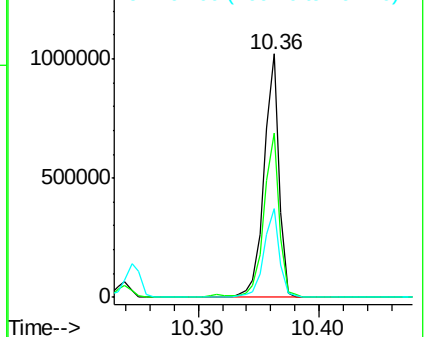
Manual Integrations
APPROVED

Sohil

9/13/2017 5:00:07 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.120 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

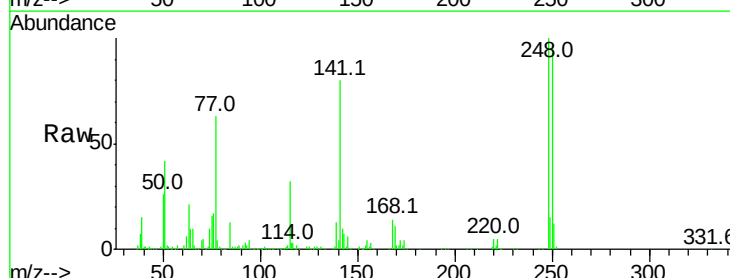
Tgt Ion:248 Resp: 267384

Ion Ratio Lower Upper

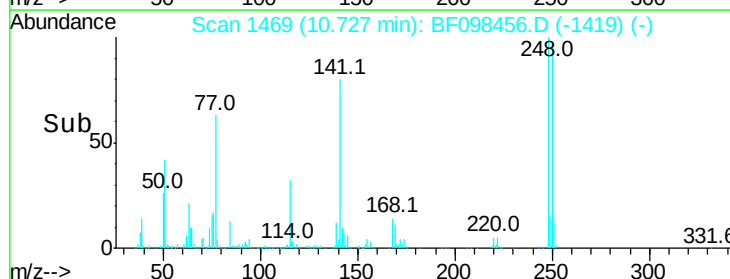
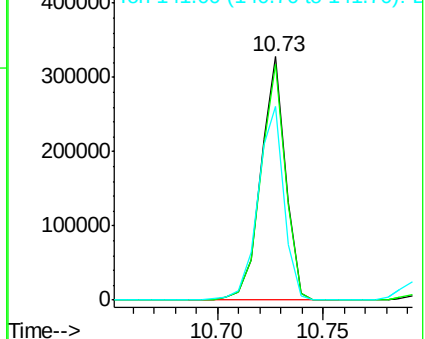
248 100

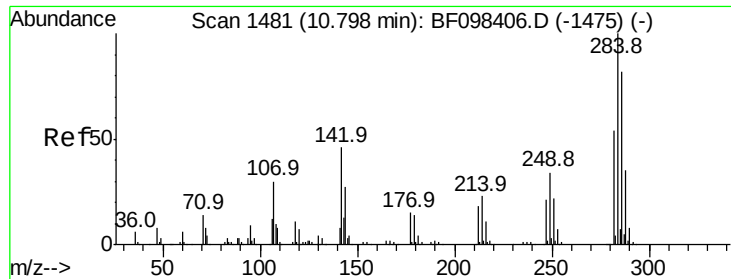
250 96.7 76.8 115.2

141 79.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.832 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

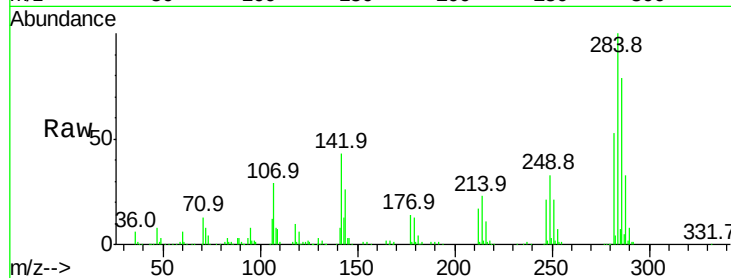
ClientSampleId :

PB102209BS

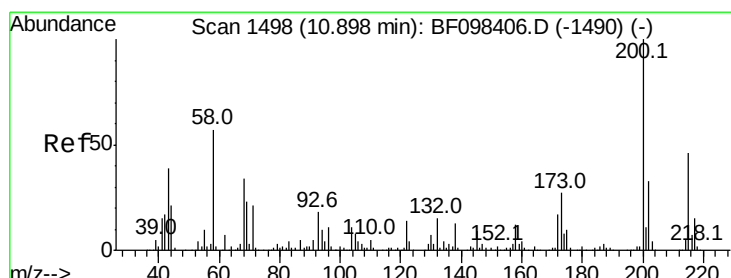
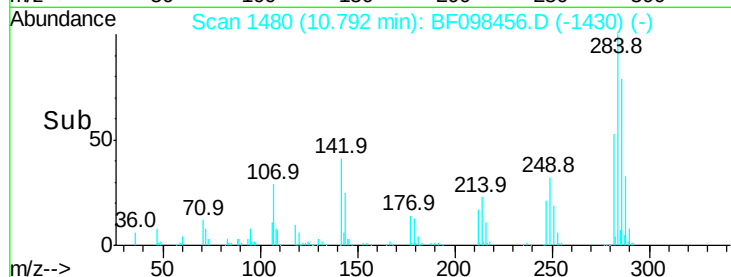
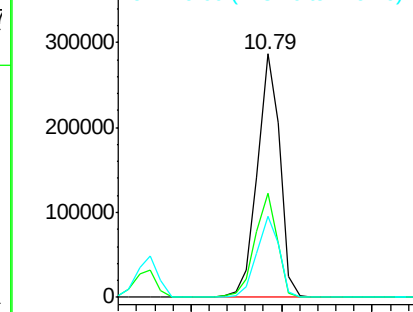
Tot Ion:	284	Resp:	247544
Ion Ratio	Lower	Upper	
284	100		
142	42.6	22.8	34.2#
249	33.3	24.0	36.0

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM



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



#68

Atrazine

Concen: 48.020 ng

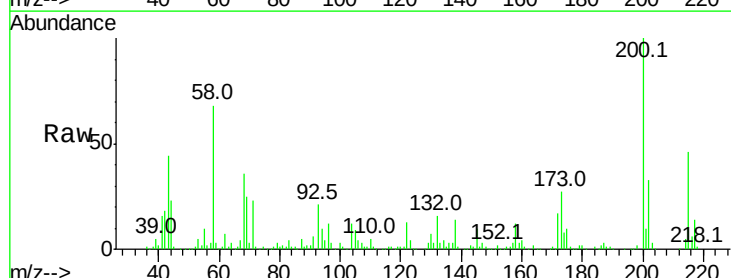
RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

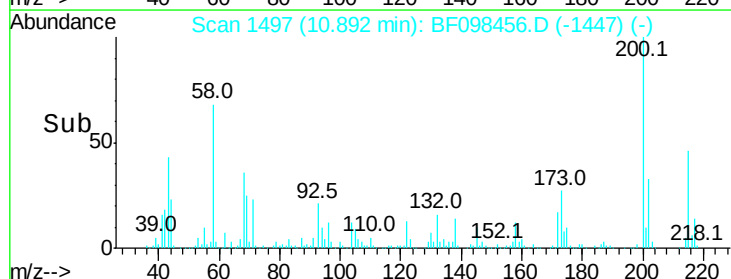
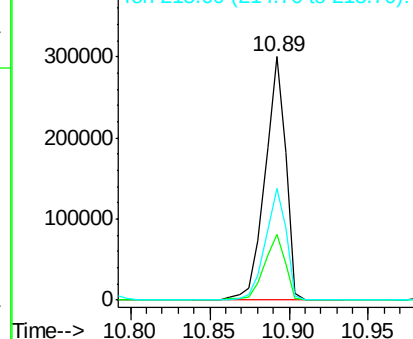
Lab File: BF098456.D

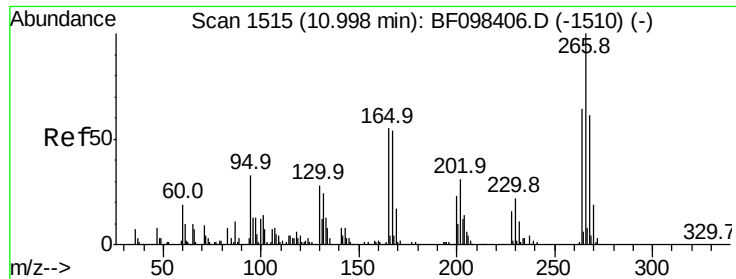
Acq: 12 Sep 2017 17:59

Tgt Ion:	200	Resp:	275318
Ion Ratio	Lower	Upper	
200	100		
173	27.2	6.3	46.3
215	45.9	27.2	67.2



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





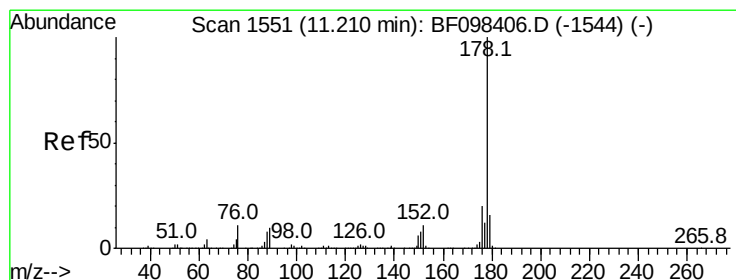
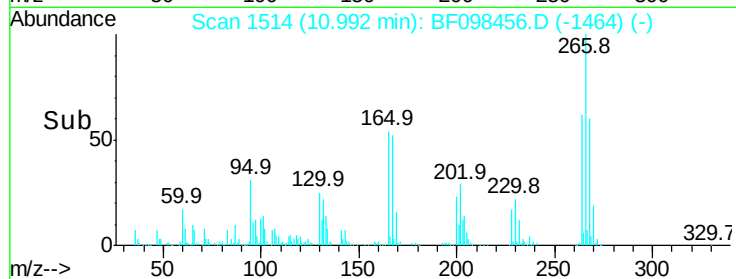
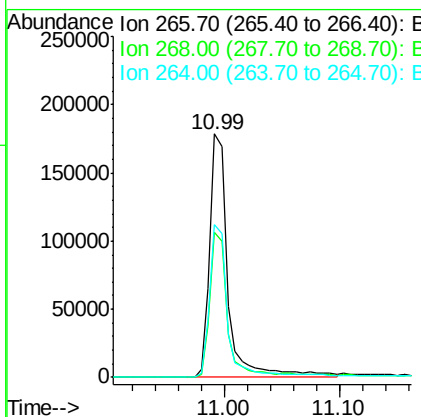
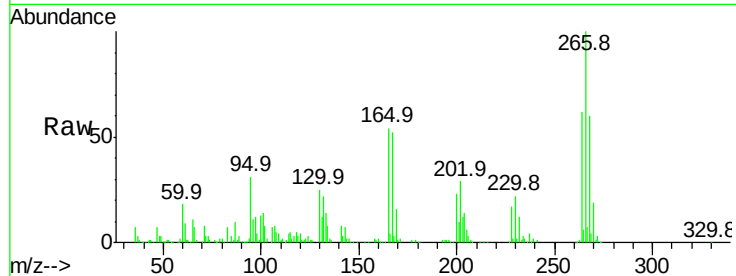
#69
 Pentachlorophenol
 Concen: 81.610 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	199844		
268	59.7		51.1	76.7
264	62.5		51.7	77.5

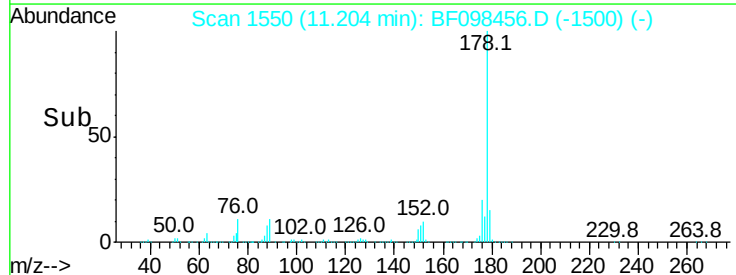
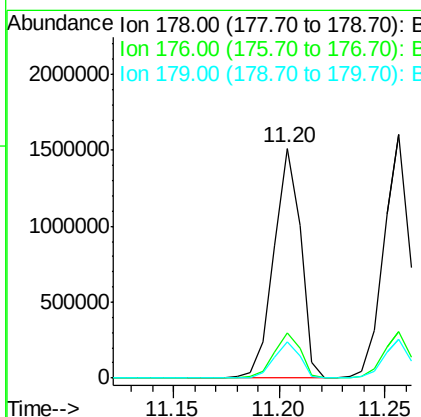
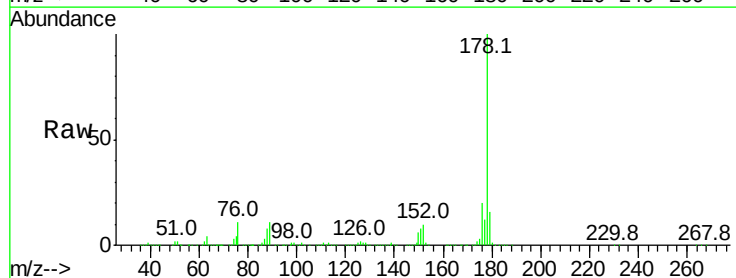
Manual Integrations
 APPROVED

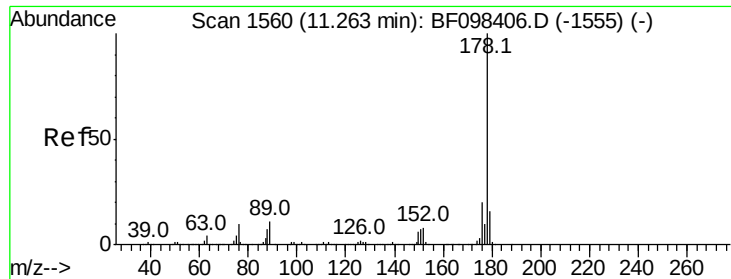
Sohil
 9/13/2017 5:00:07 PM



#70
 Phenanthrene
 Concen: 44.203 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1344034		
176	19.9		16.2	24.4
179	15.8		12.6	19.0





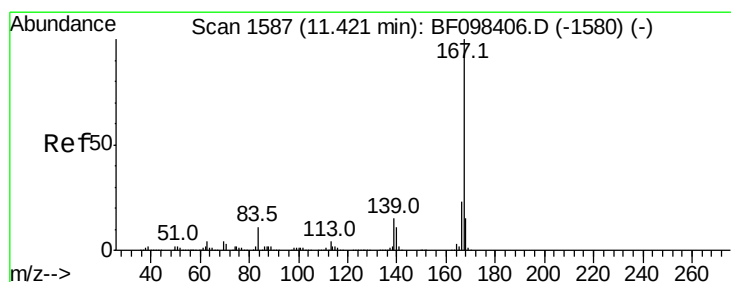
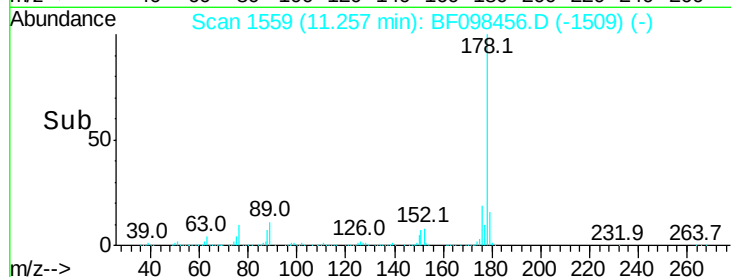
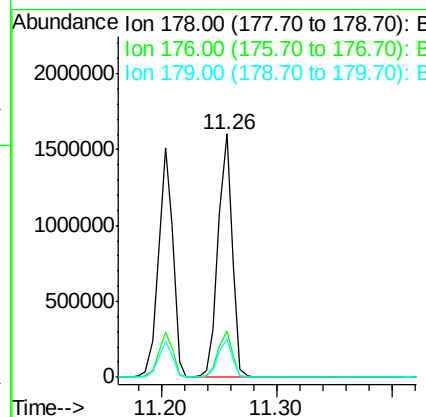
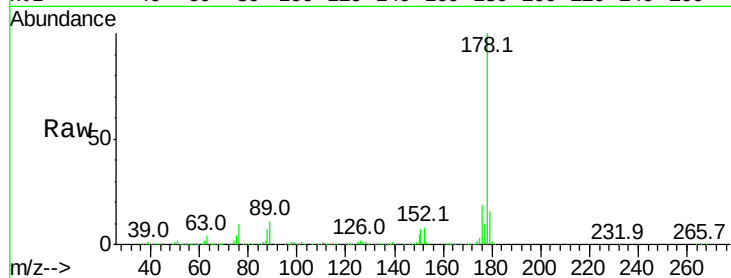
#71
 Anthracene
 Concen: 43.838 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion:178 Resp: 1368514
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 12.7 19.1

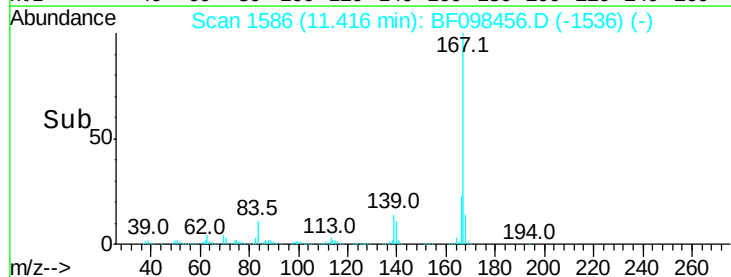
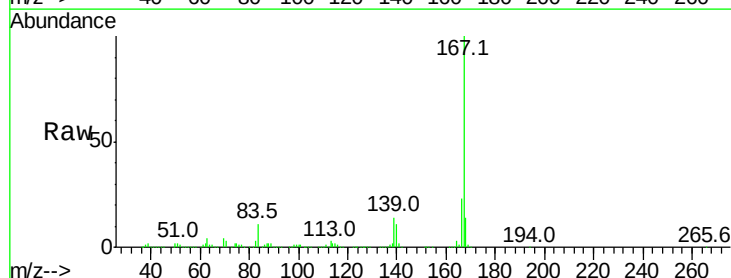
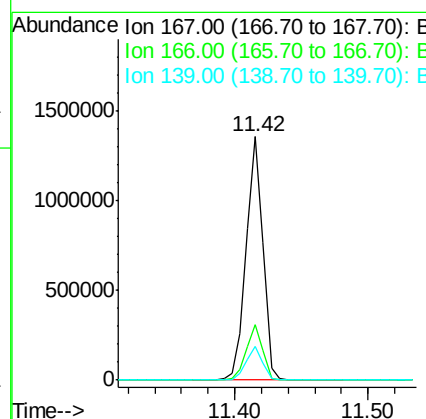
Manual Integrations
 APPROVED

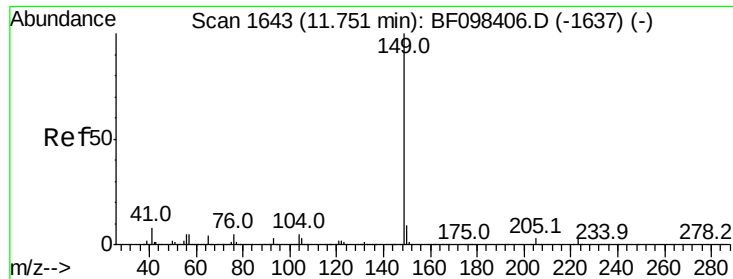
Sohil
 9/13/2017 5:00:07 PM



#72
 Carbazole
 Concen: 40.715 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion:167 Resp: 1184526
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.185 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

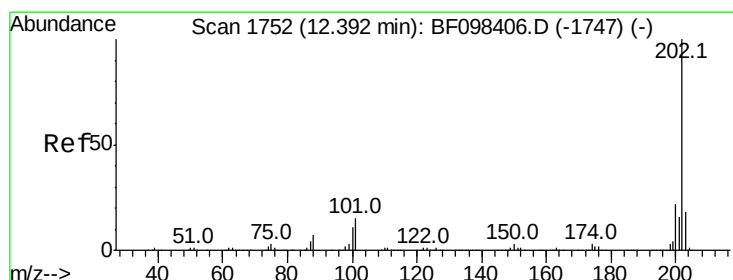
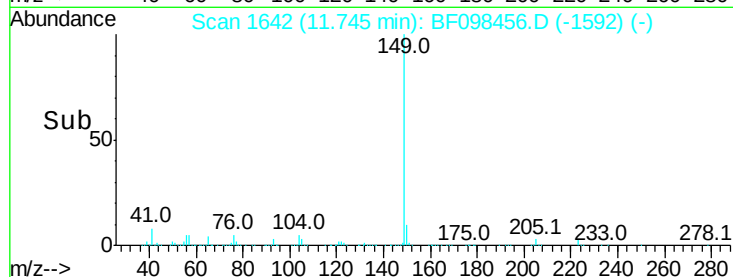
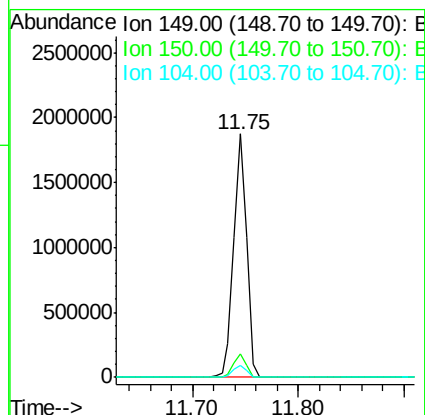
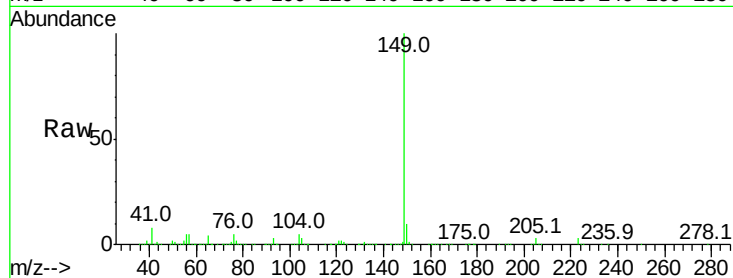
ClientSampled :

PB102209BS

Tot Ion:	149	Resp:	1575057
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.7	11.5
104	5.1	4.0	6.0

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 PM



#74

Fluoranthene

Concen: 39.665 ng

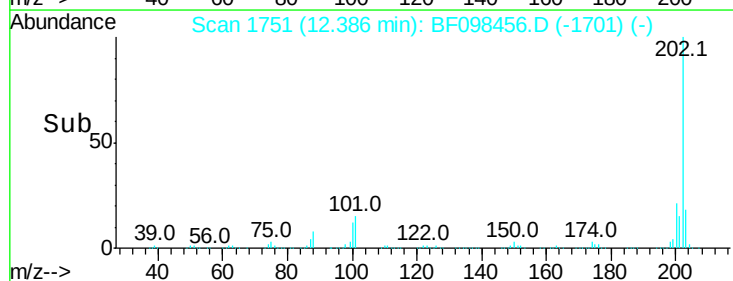
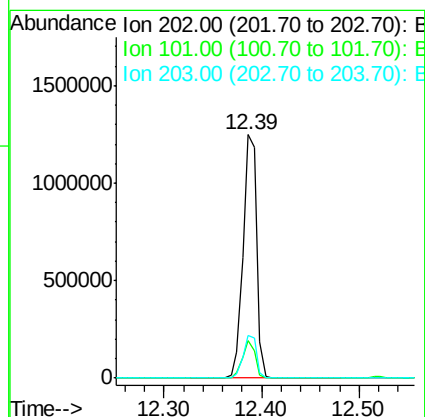
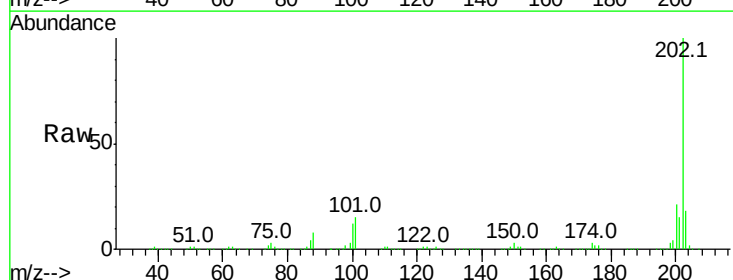
RT: 12.39 min Scan# 1751

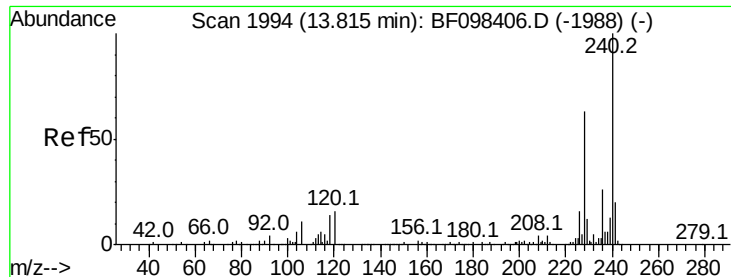
Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Tgt Ion:	202	Resp:	1207349
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampled :

PB102209BS

Tot Ion:240 Resp: 361371

Ion Ratio Lower Upper

240 100

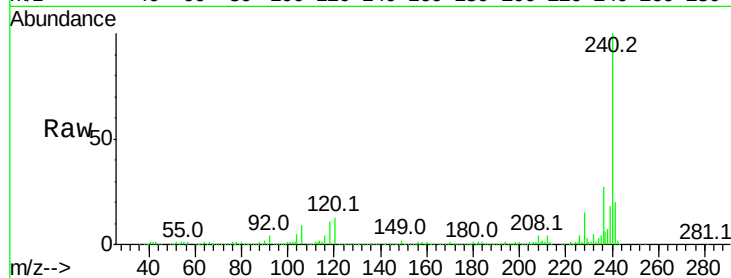
120 13.1 5.8 8.8#

236 26.7 20.5 30.7

Manual Integrations
APPROVED

Sohil

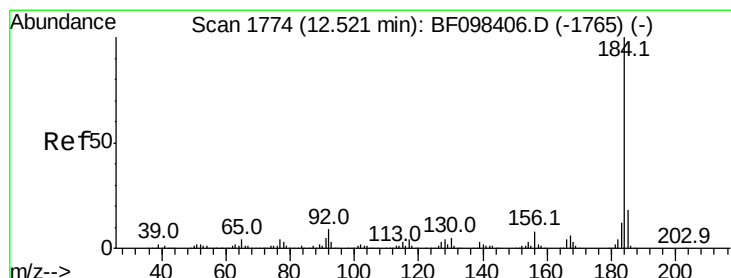
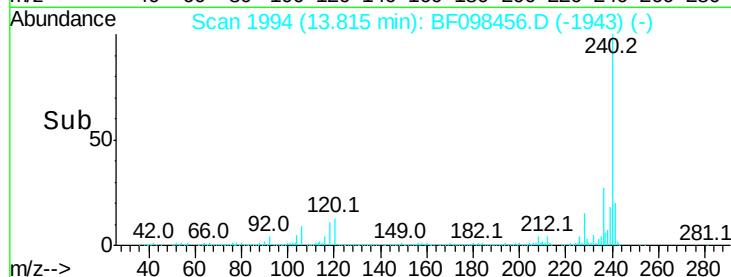
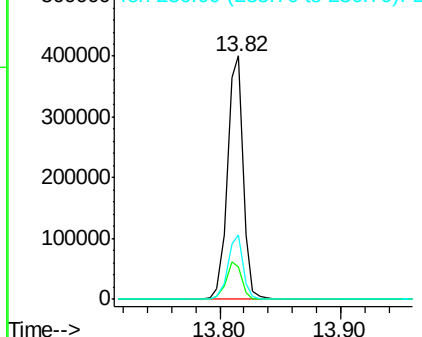
9/13/2017 5:00:07 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.453 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

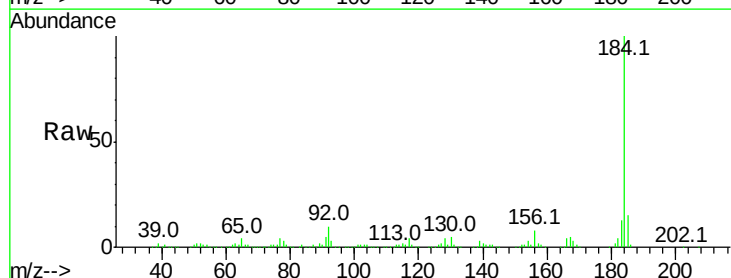
Tgt Ion:184 Resp: 902855

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

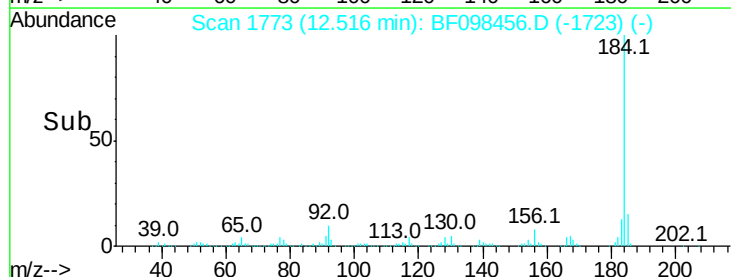
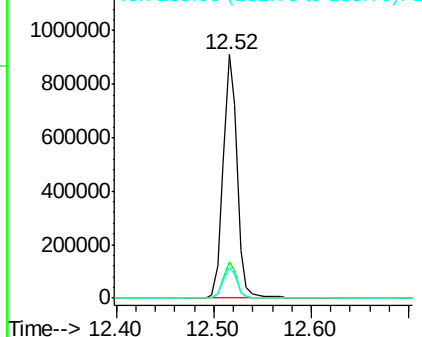
183 12.7 9.8 14.6

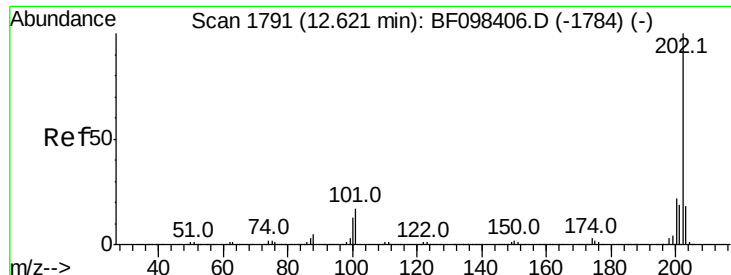


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





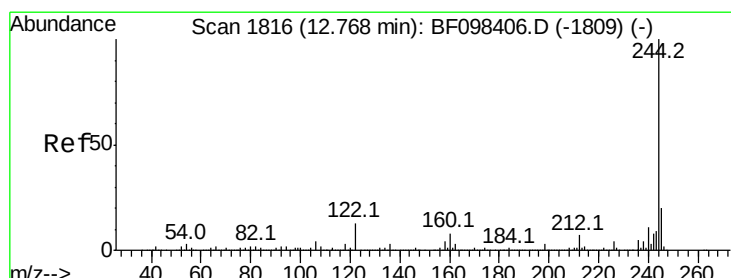
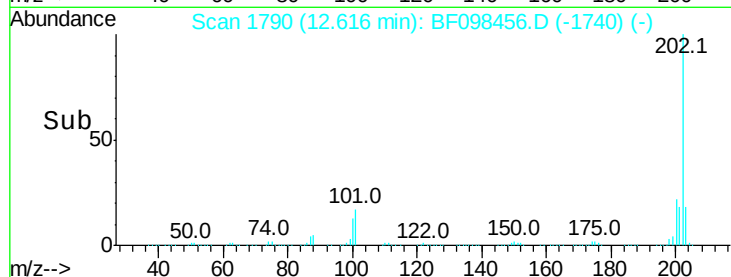
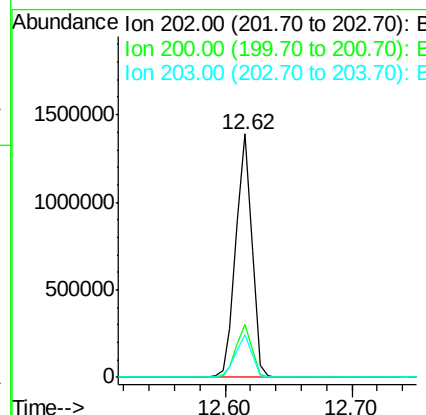
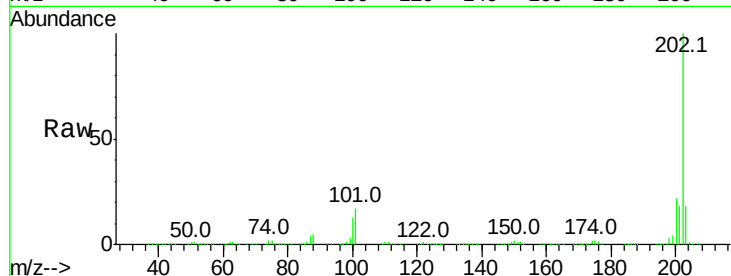
#77
Pvrene
Concen: 42.361 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion:202 Resp: 1207603
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.7 14.4 21.6

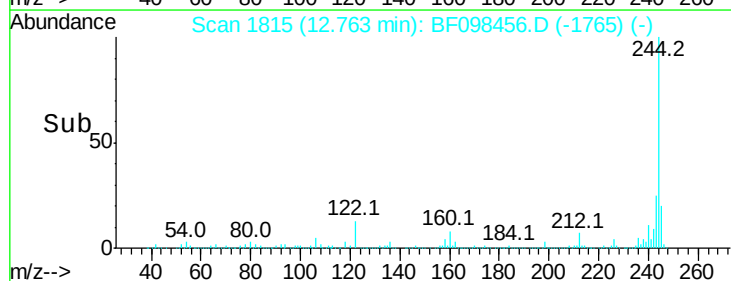
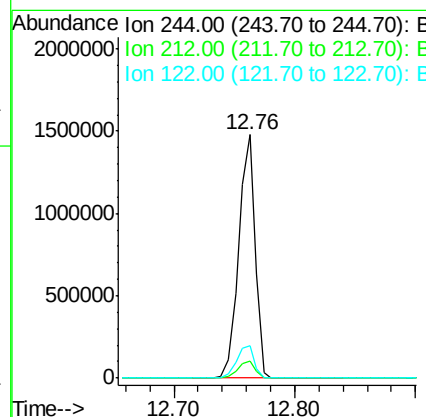
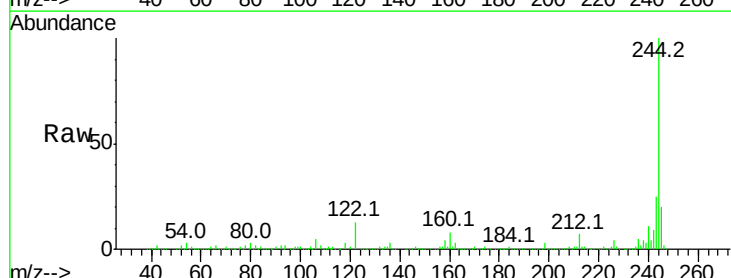
Manual Integrations
APPROVED

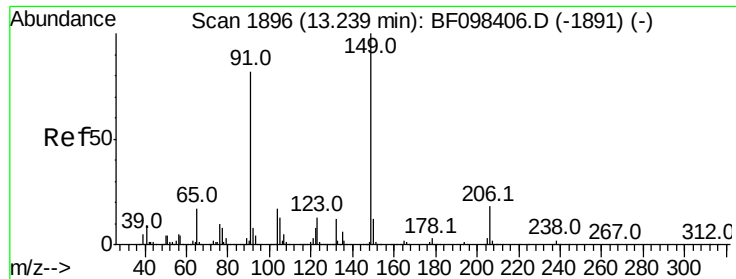
Sohil
9/13/2017 5:00:07 PM



#78
Terphenyl-d14
Concen: 83.991 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion:244 Resp: 1406185
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.4 10.3 15.5





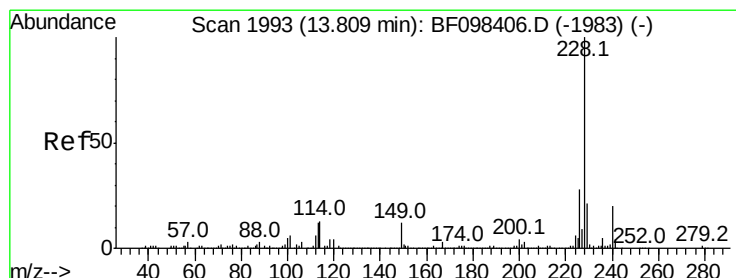
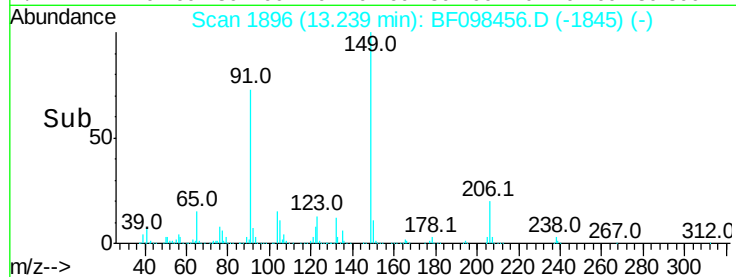
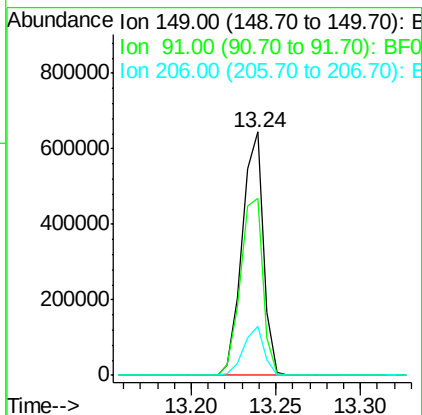
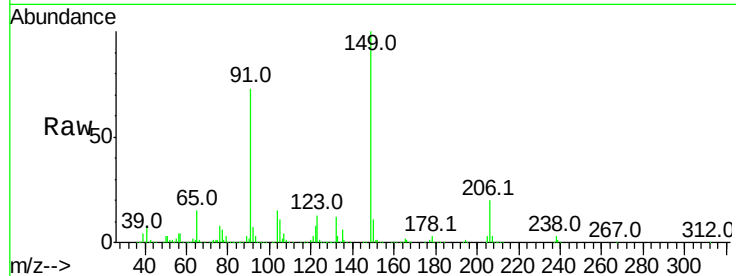
#79
Butylbenzylphthalate
Concen: 45.886 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampled :
PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.6	45.0	67.4#	
206	20.1	17.0	25.6	

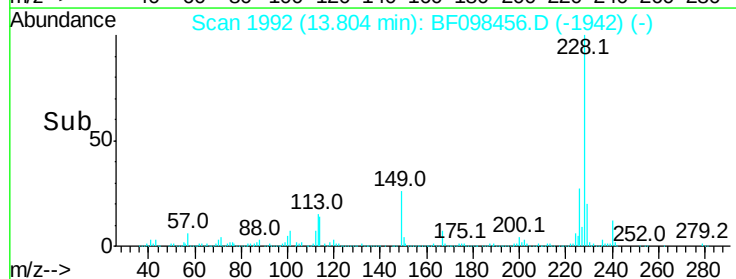
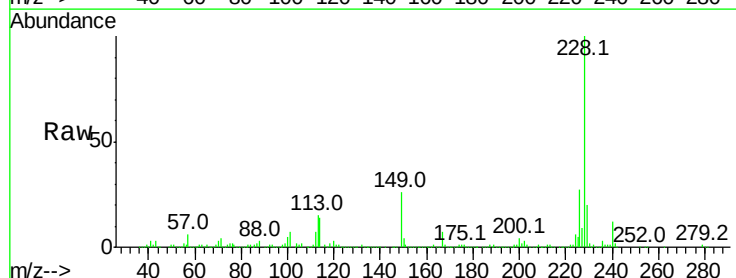
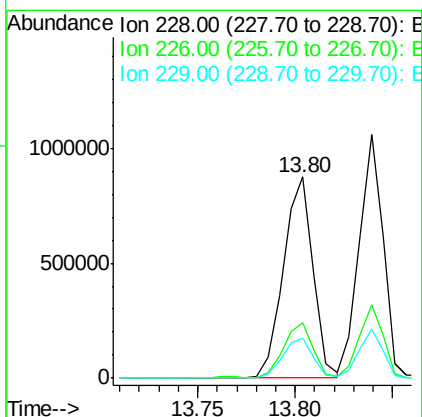
Manual Integrations
APPROVED

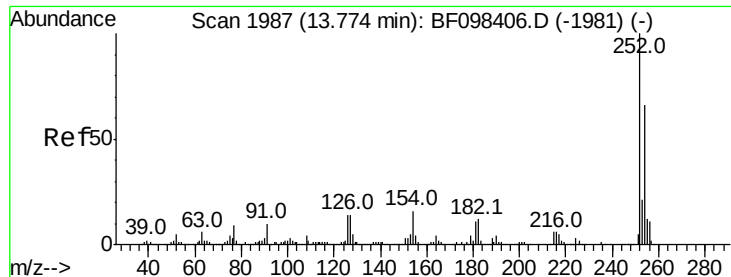
Sohil
9/13/2017 5:00:07 PM



#80
Benzo(a)anthracene
Concen: 43.222 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.5	22.6	33.8	
229	19.9	16.3	24.5	





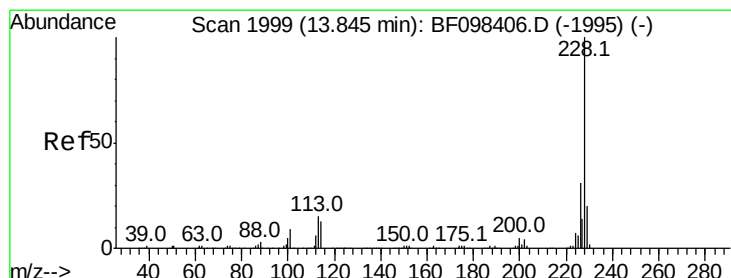
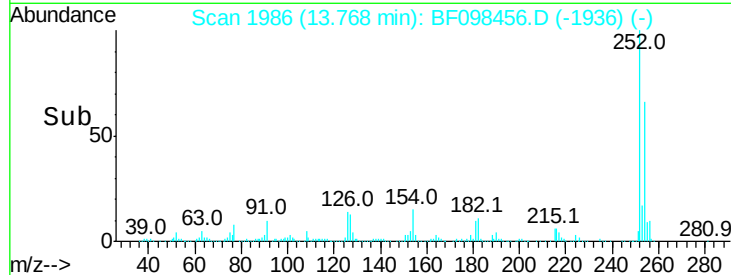
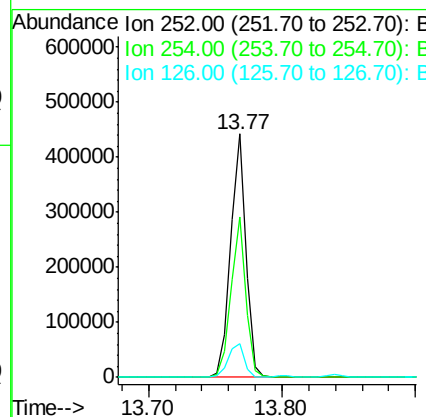
#81
 3,3'-Dichlorobenzidine
 Concen: 44.010 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	362364		
254	66.1	51.5	77.3	
126	13.8	15.8	23.8	

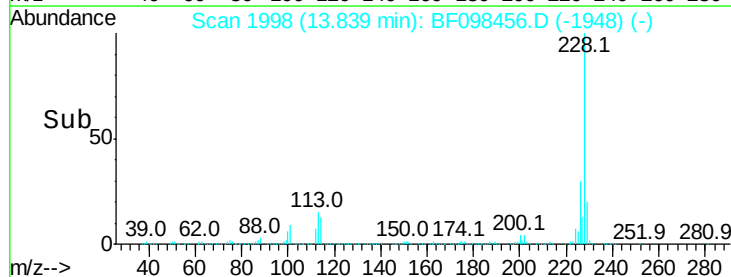
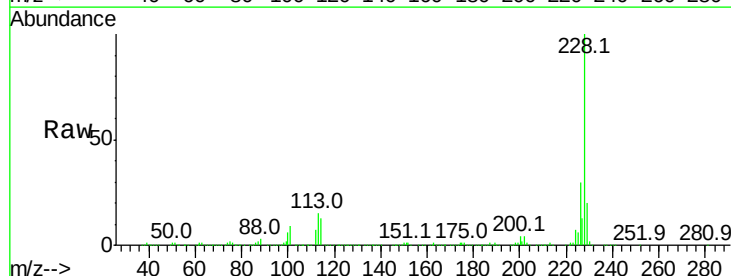
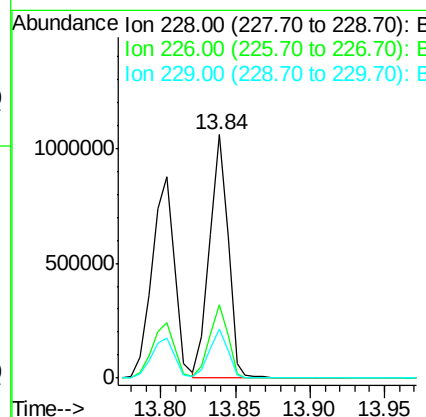
Manual Integrations
 APPROVED

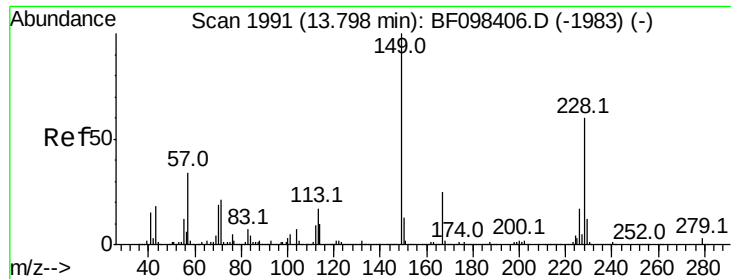
Sohil
 9/13/2017 5:00:07 PM



#82
 Chrysene
 Concen: 42.488 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	909923		
226	30.1	24.9	37.3	
229	19.9	15.8	23.6	





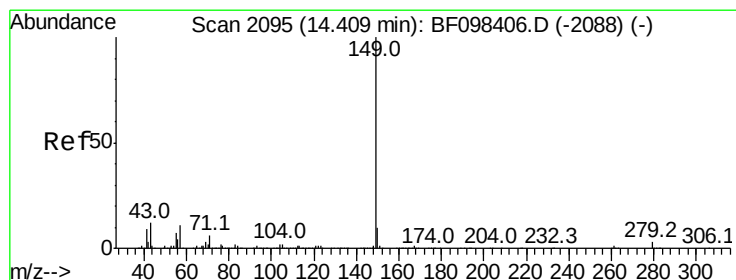
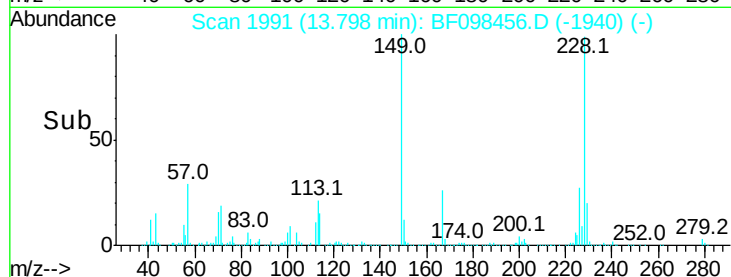
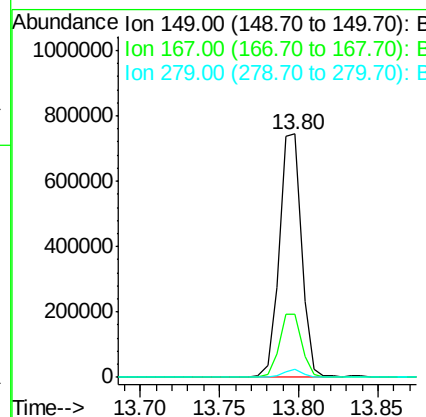
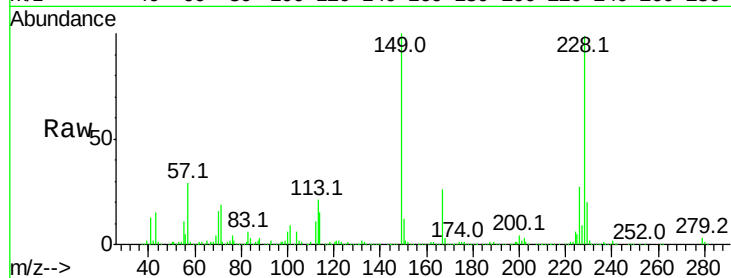
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.162 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 PB102209BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	732008		
167	26.1		21.0	31.4
279	3.2		1.9	2.9#

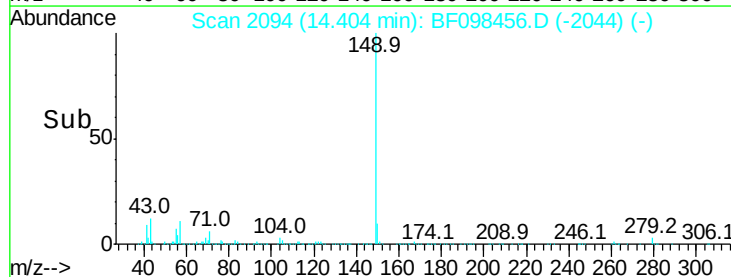
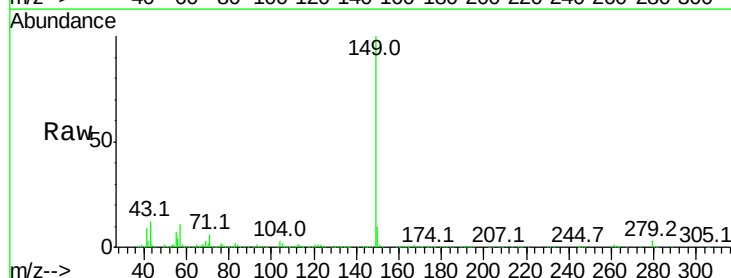
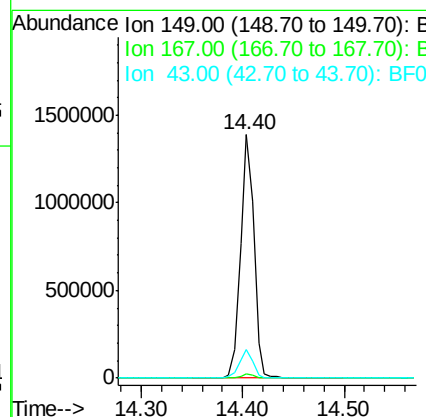
Manual Integrations
 APPROVED

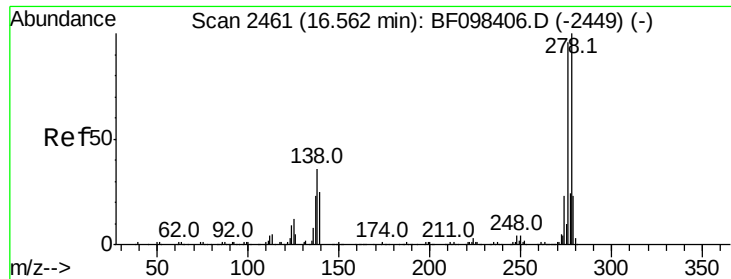
Sohil
 9/13/2017 5:00:07 PM



#84
 Di-n-octyl phthalate
 Concen: 48.018 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098456.D
 Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1278718		
167	1.5		1.2	1.8
43	11.4		8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.129 ng

RT: 16.56 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

ClientSampleId :

PB102209BS

Tot Ion:276 Resp: 663049

Ion Ratio Lower Upper

276 100

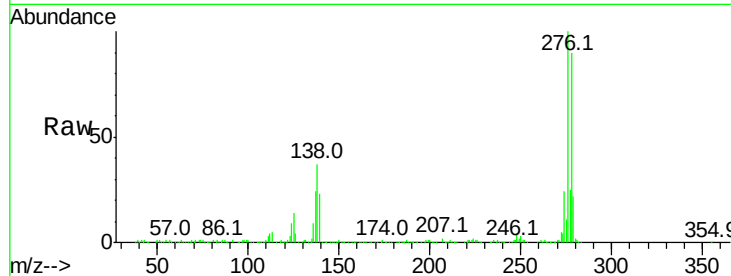
138 36.2 27.8 41.6

277 25.2 20.2 30.4

Manual Integrations
APPROVED

Sohil

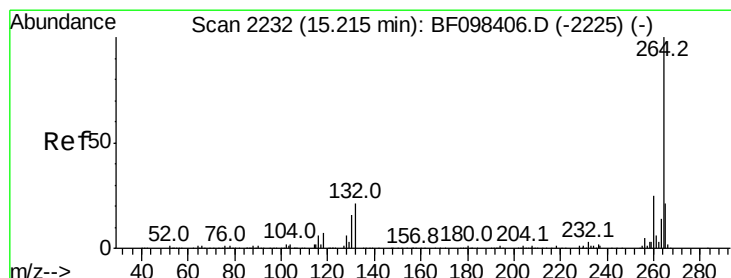
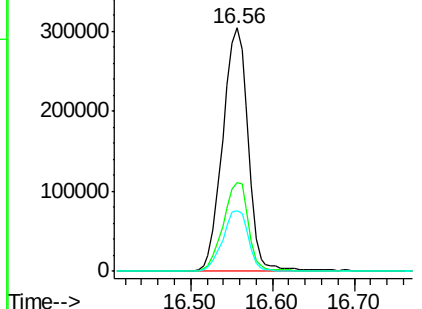
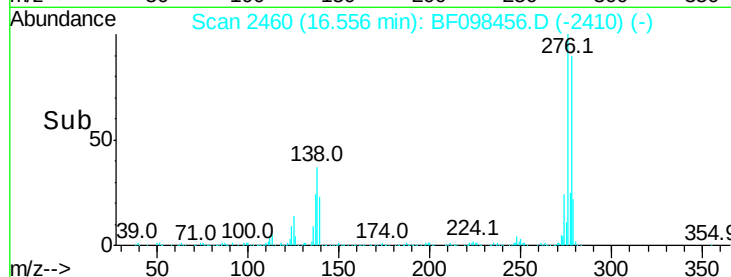
9/13/2017 5:00:07 PM



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: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

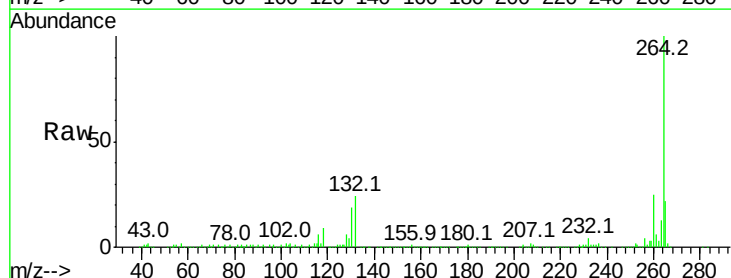
Tgt Ion:264 Resp: 314548

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

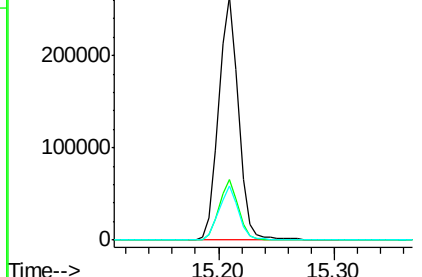
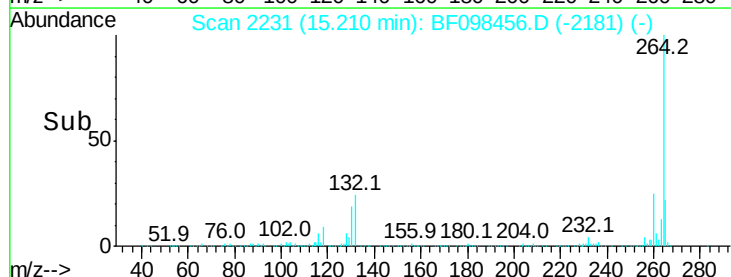
265 22.4 17.2 25.8

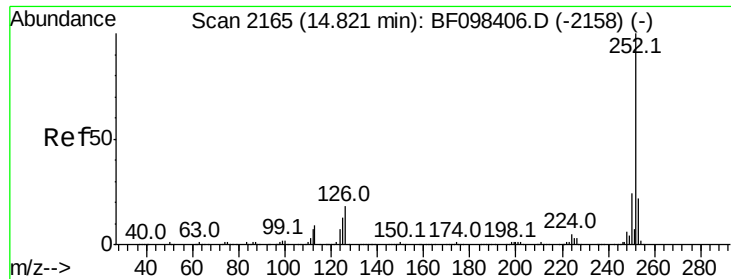


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





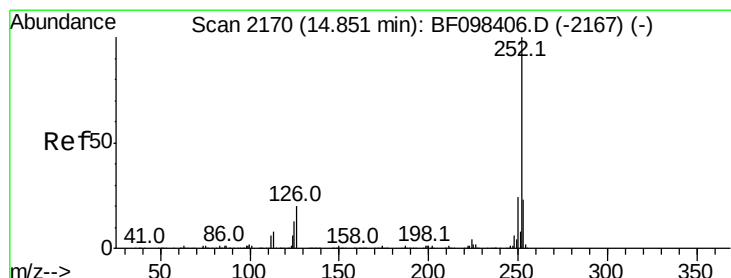
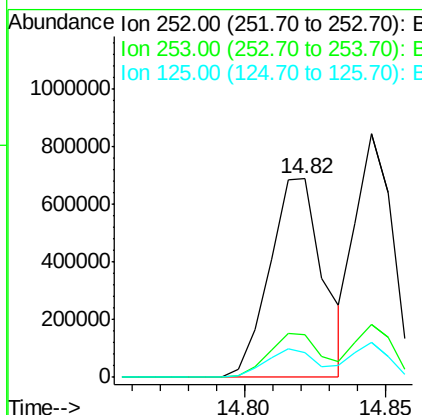
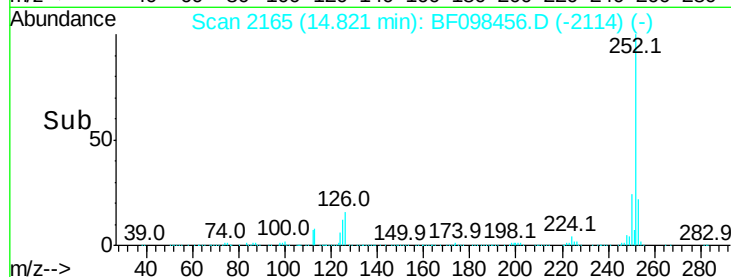
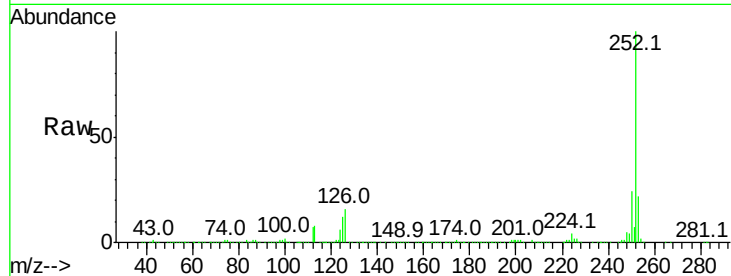
#87
Benzo(b)fluoranthene
Concen: 45.857 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	12.1	9.8	14.8

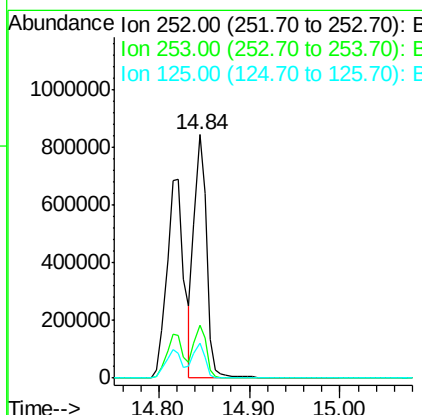
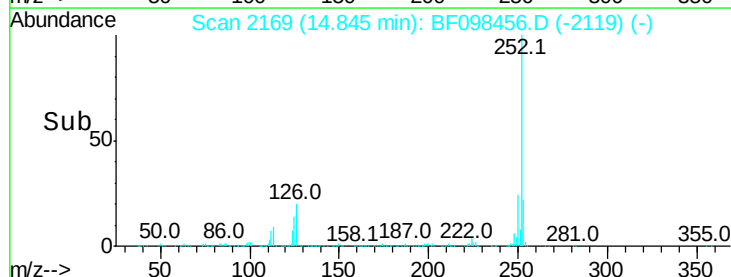
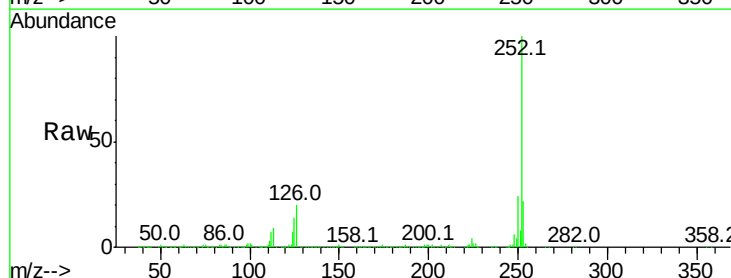
Manual Integrations
APPROVED

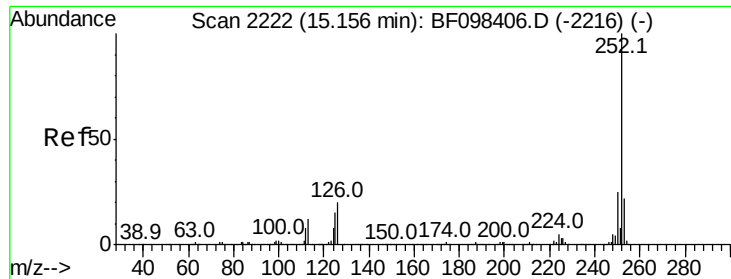
Sohil
9/13/2017 5:00:07 PM



#88
Benzo(k)fluoranthene
Concen: 42.872 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	14.3	13.1	19.7





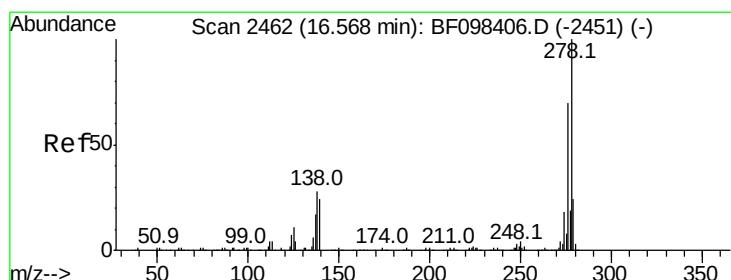
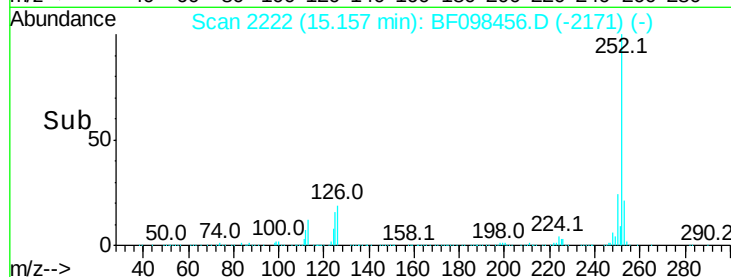
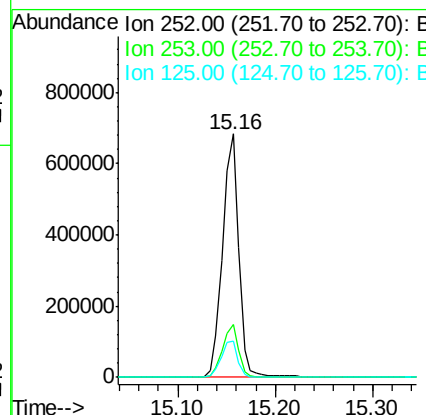
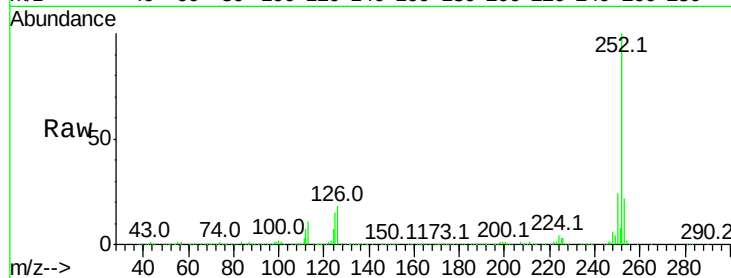
#89
Benzo(a)pyrene
Concen: 44.882 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Instrument :
BNA_F
ClientSampleId :
PB102209BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.6	11.0	16.4

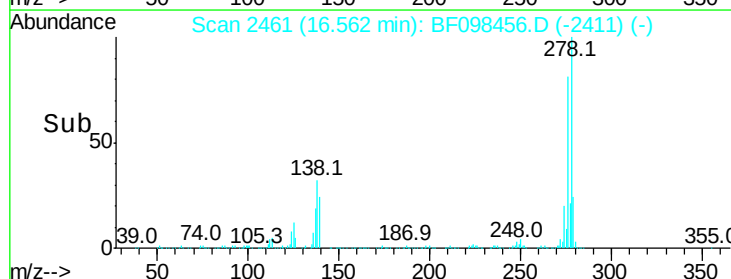
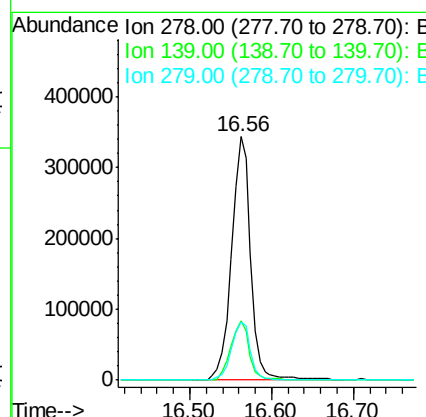
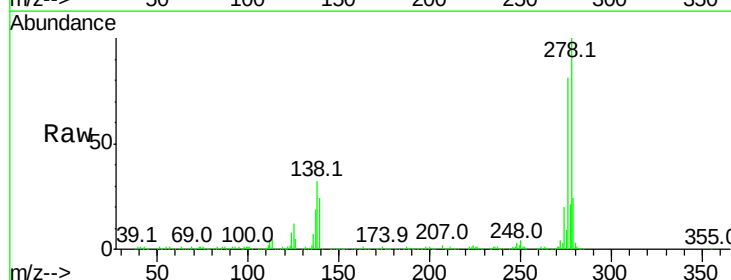
Manual Integrations
APPROVED

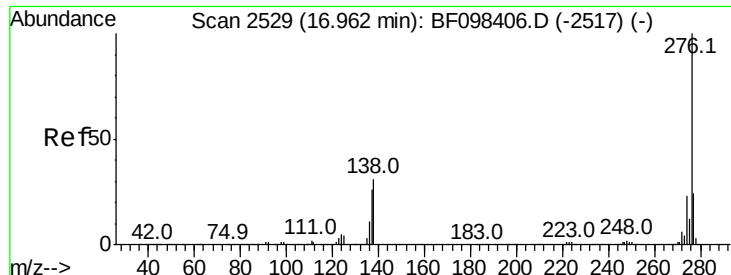
Sohil
9/13/2017 5:00:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.393 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF098456.D
Acq: 12 Sep 2017 17:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.2	16.6	24.8
279	23.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 41.262 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098456.D

Acq: 12 Sep 2017 17:59

Instrument :

BNA_F

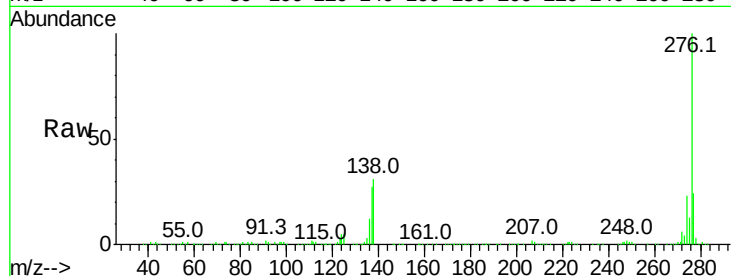
ClientSampleId :

PB102209BS

Tot Ion:	276	Resp:	531945
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	28.0
138	30.9	25.4	38.0

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:07 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

