

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
 Data File : BF100236.D
 Acq On : 5 Nov 2017 20:47
 Operator : SJ/JU
 Sample : I6285-05MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:33:39 PM

Quant Time: Nov 06 10:41:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	96910	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	369303	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	146372	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	215266	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	183444	20.00	ng	-0.01
86) Perylene-d12	15.40	264	160094	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	531145	86.05	ng	0.00
7) Phenol-d6	6.43	99	594339	81.20	ng	0.00
23) Nitrobenzene-d5	7.34	82	328228	57.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	97301	72.94	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	596948	62.92	ng	-0.01
78) Terphenyl-d14	12.86	244	416294	49.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	66556	24.417	ng	# 88
3) Pyridine	3.29	79	134961	20.589	ng	# 86
4) n-Nitrosodimethylamine	3.23	42	56789m	24.250	ng	
6) Aniline	6.44	93	173344	18.266	ng	# 61
8) 2-Chlorophenol	6.56	128	191466	29.103	ng	91
9) Benzaldehyde	6.33	77	61795	14.129	ng	91
10) Phenol	6.44	94	212763	26.476	ng	# 57
11) bis(2-Chloroethyl)ether	6.50	93	175738	28.320	ng	93
12) 1,3-Dichlorobenzene	6.70	146	207675	28.114	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	211163	28.166	ng	97
14) 1,2-Dichlorobenzene	6.93	146	192899	28.232	ng	96
15) Benzyl Alcohol	6.93	79	134051	28.799	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	215965	31.329	ng	95
17) 2-Methylphenol	7.05	107	149077	27.090	ng	98
18) Hexachloroethane	7.26	117	54117	21.636	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	117425	27.377	ng	92
20) 3+4-Methylphenols	7.22	107	199998	31.213	ng	90
22) Acetophenone	7.18	105	251944	29.962	ng	# 91
24) Nitrobenzene	7.36	77	166950	28.885	ng	91
25) Isophorone	7.59	82	308658	29.653	ng	98
26) 2-Nitrophenol	7.67	139	98092	29.631	ng	# 83
27) 2,4-Dimethylphenol	7.72	122	162229	33.260	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	210949	28.938	ng	99
29) 2,4-Dichlorophenol	7.95	162	155513	30.692	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	155208	28.669	ng	99
31) Naphthalene	8.06	128	512162	28.730	ng	99
32) Benzoic acid	7.86	122	8769	2.042	ng	87
33) 4-Chloroaniline	8.15	127	140443	19.079	ng	95
34) Hexachlorobutadiene	8.17	225	77185	27.718	ng	98
35) Caprolactam	8.50	113	38871	24.395	ng	# 76
36) 4-Chloro-3-methylphenol	8.63	107	142366	27.528	ng	95
37) 2-Methylnaphthalene	8.76	142	339364	28.407	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	136877	28.954	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	121	10.153	ng	# 26

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110517\
 Data File : BF100236.D
 Acq On : 5 Nov 2017 20:47
 Operator : SJ/JU
 Sample : I6285-05MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

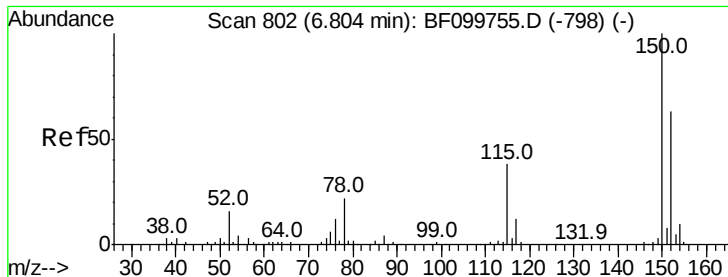
Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:33:39 PM

Quant Time: Nov 06 10:41:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	91251	31.911	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	85180	28.070	nq	95
45) 1,1'-Biphenyl	9.22	154	386705	29.204	nq	96
46) 2-Chloronaphthalene	9.25	162	294018	30.575	nq	96
47) 2-Nitroaniline	9.36	65	72183	28.600	nq #	75
48) Acenaphthylene	9.66	152	418798	28.276	nq	99
49) Dimethylphthalate	9.52	163	385853	33.288	nq	99
50) 2,6-Dinitrotoluene	9.60	165	69783	28.637	nq #	85
51) Acenaphthene	9.83	154	251274	27.765	nq	98
52) 3-Nitroaniline	9.78	138	68323	23.796	nq	84
53) 2,4-Dinitrophenol	9.95	184	1748	7.447	nq #	41
54) Dibenzofuran	10.00	168	375931	29.428	nq	100
55) 4-Nitrophenol	9.98	139	21460m	14.304	nq	
56) 2,4-Dinitrotoluene	10.02	165	85876	29.263	nq	87
57) Fluorene	10.35	166	285007	26.946	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	58755	27.616	nq #	95
59) Diethylphthalate	10.22	149	308913	27.290	nq	96
60) 4-Chlorophenyl-phenylether	10.33	204	136157	27.352	nq	90
61) 4-Nitroaniline	10.40	138	62361	22.765	nq #	79
62) Azobenzene	10.49	77	252438	26.603	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	7625	5.635	nq #	8
65) n-Nitrosodiphenylamine	10.46	169	247145	31.101	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	70992	31.326	nq	90
67) Hexachlorobenzene	10.90	284	68875	29.707	nq	92
68) Atrazine	10.99	200	68681	28.773	nq	96
69) Pentachlorophenol	11.11	266	42129	42.525	nq	99
70) Phenanthrene	11.31	178	352559	29.021	nq	98
71) Anthracene	11.37	178	361854	29.344	nq	99
72) Carbazole	11.53	167	328228	28.305	nq	98
73) Di-n-butylphthalate	11.83	149	412759	27.907	nq #	98
74) Fluoranthene	12.50	202	354457	28.076	nq	98
76) Benzidine	12.64	184	69841	8.701	nq #	95
77) Pyrene	12.73	202	366698	26.289	nq	99
79) Butylbenzylphthalate	13.33	149	168044	24.464	nq	88
80) Benzo(a)anthracene	13.93	228	320377	27.550	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	101935	24.148	nq #	98
82) Chrysene	13.96	228	312962	28.626	nq	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	242385	25.128	nq	97
84) Di-n-octyl phthalate	14.49	149	429048	25.915	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	224608	22.379	nq	97
87) Benzo(b)fluoranthene	14.97	252	279567	27.655	nq	98
88) Benzo(k)fluoranthene	15.00	252	289828	30.404	nq	99
89) Benzo(a)pyrene	15.34	252	260995	28.741	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	193866	24.026	nq	98
91) Benzo(g,h,i)perylene	17.31	276	181334	22.970	nq	97

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



#1

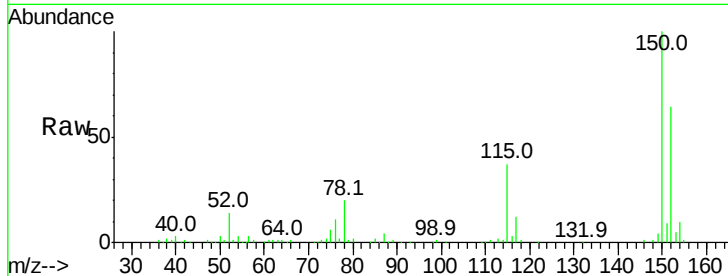
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

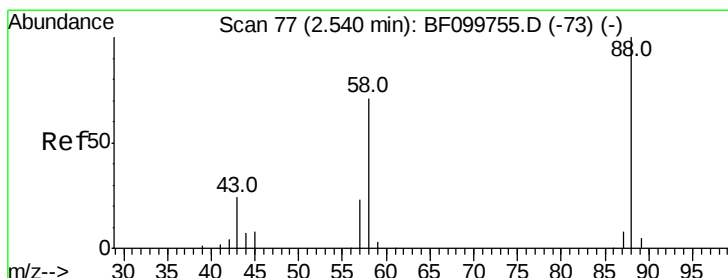
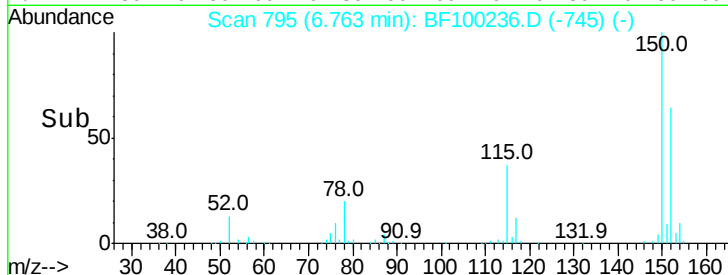
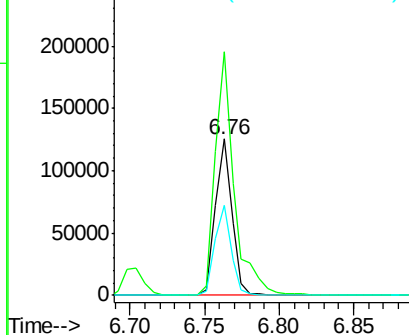
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	57.3	50.1	75.1

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



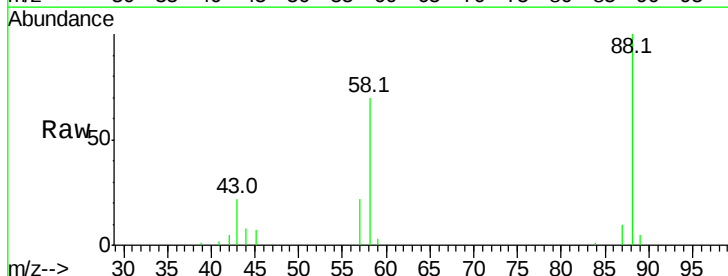
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



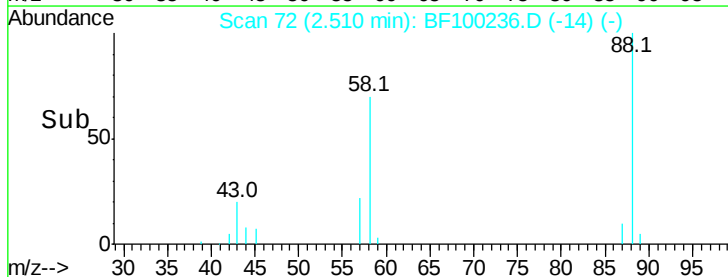
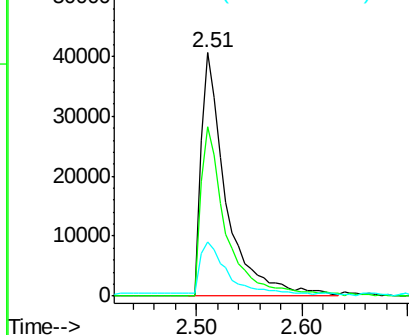
#2

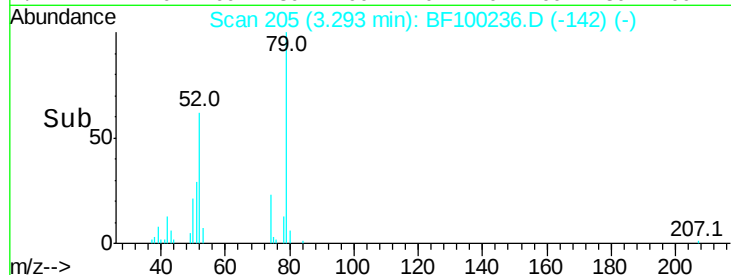
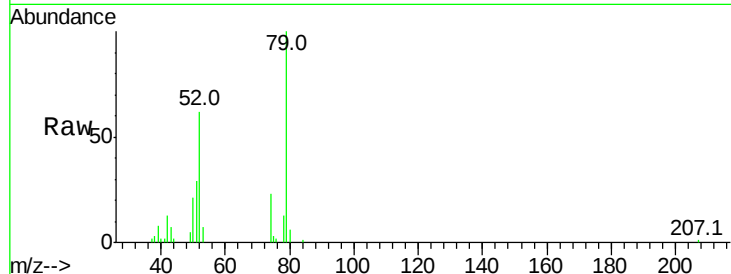
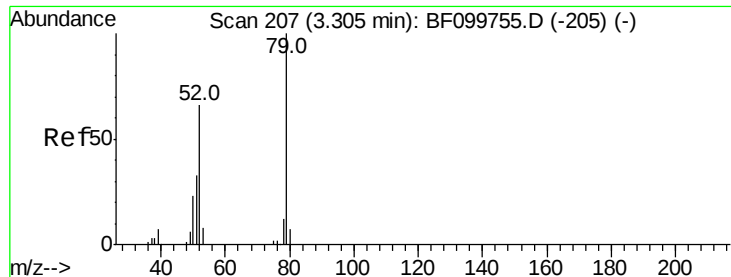
1,4-Dioxane
Concen: 24.417 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.04 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	62.6	93.8
43	21.9	24.6	37.0



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





#3

Pvridine

Concen: 20.589 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.07 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

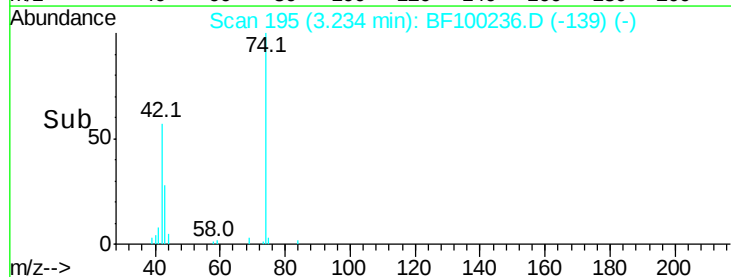
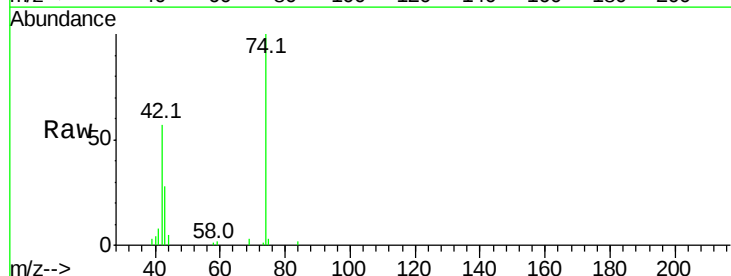
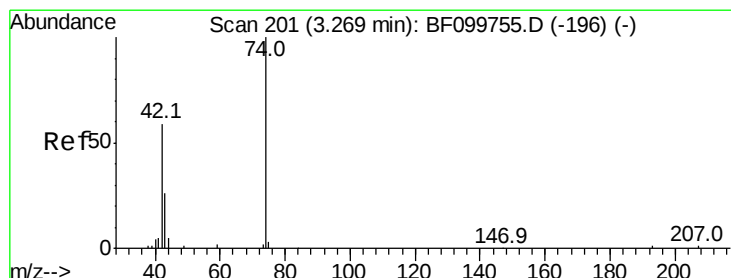
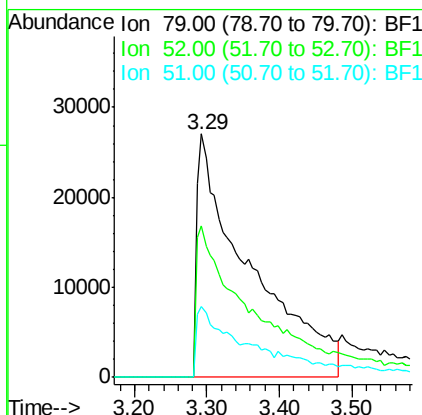
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	62.3	59.8	89.6		
51	29.3	29.8	44.8#		

Instrument :
BNA_F

ClientSampleId :
P002-S002-0001-01MSD

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#4

n-Nitrosodimethylamine

Concen: 24.250 ng m

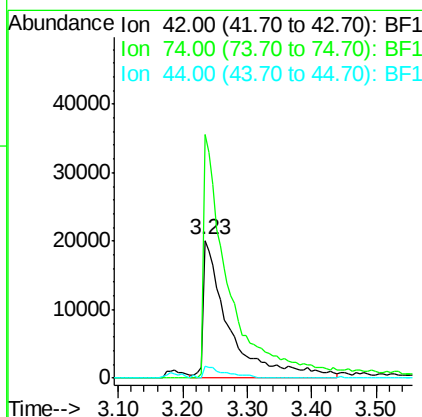
RT: 3.23 min Scan# 195

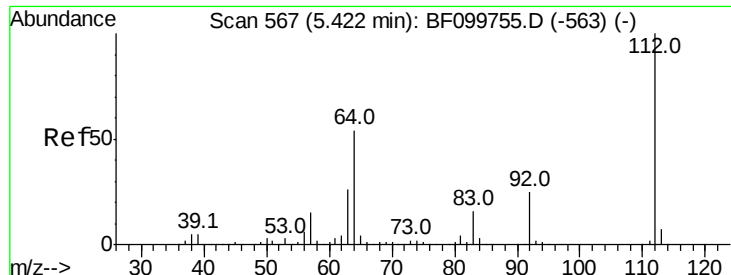
Delta R.T. 0.03 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	176.6	104.9	157.3#		
44	9.0	6.9	10.3		





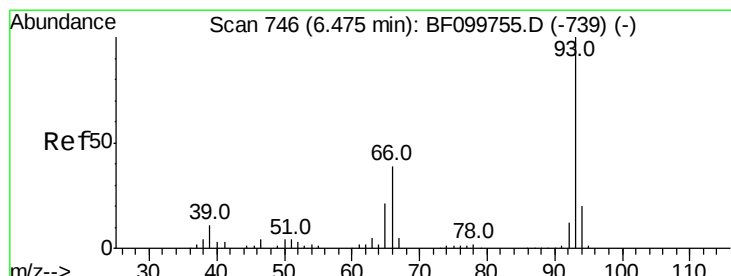
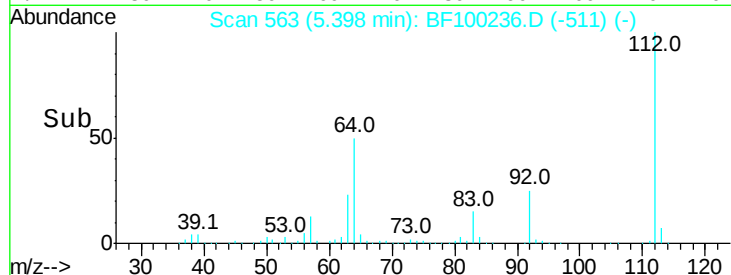
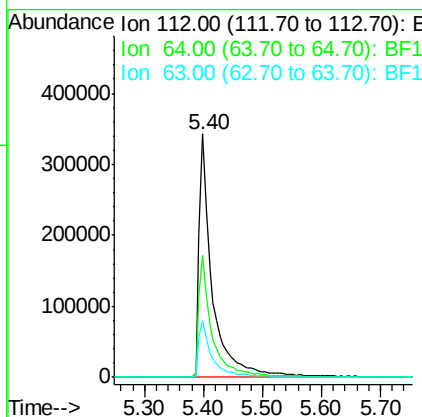
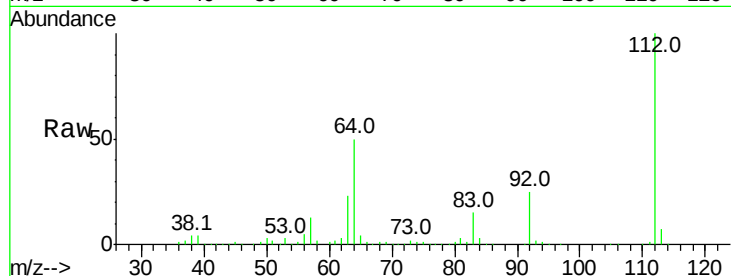
#5
 2-Fluorophenol
 Concen: 86.047 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion:	112	Resp:	531145
Ion Ratio	Lower	Upper	
112	100		
64	50.2	47.9	71.9
63	23.2	23.7	35.5#

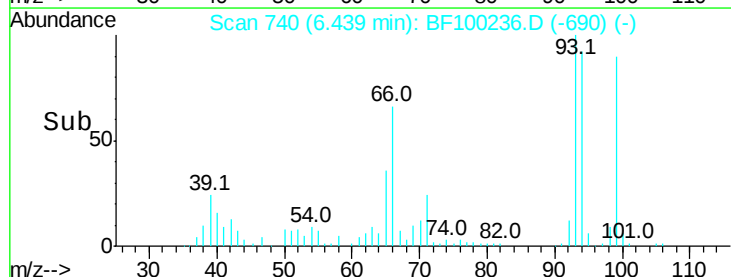
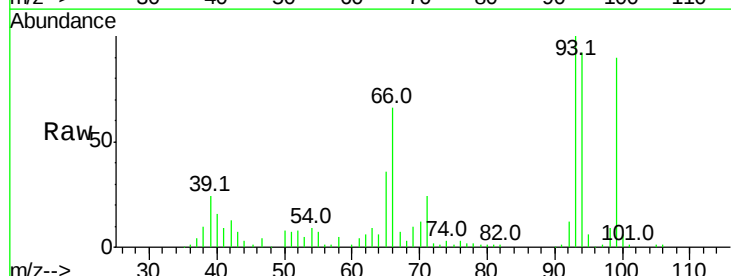
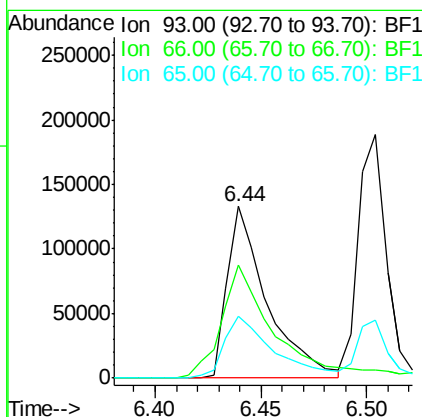
Manual Integrations
 APPROVED

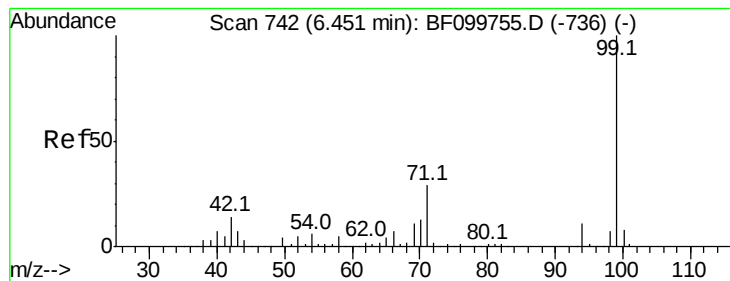
Sohil
 11/6/2017 2:33:39 PM



#6
 Aniline
 Concen: 18.266 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion:	93	Resp:	173344
Ion Ratio	Lower	Upper	
93	100		
66	65.7	32.2	48.2#
65	36.4	16.4	24.6#





#7

Phenol-d6

Concen: 81.203 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

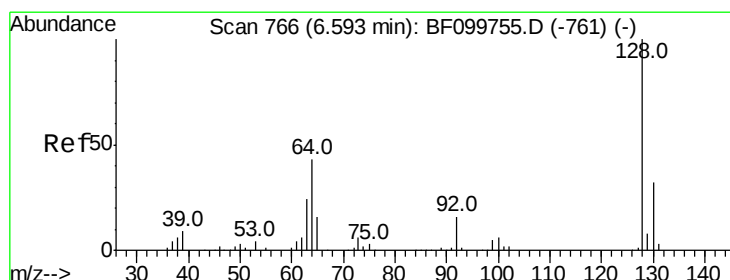
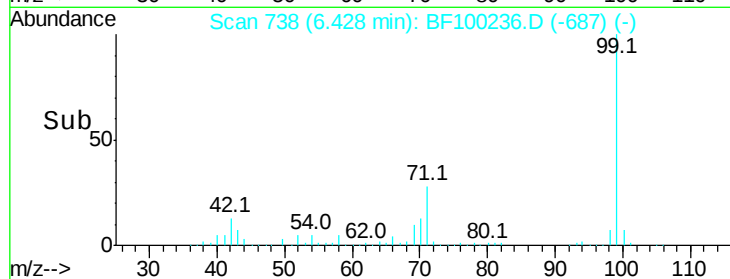
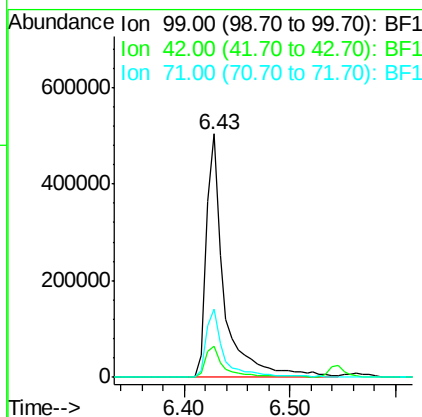
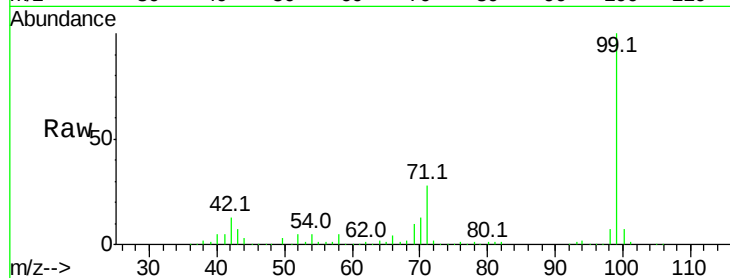
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	99	Resp:	594339
Ion Ratio	Lower	Upper	
99	100		
42	13.1	14.5	21.7#
71	28.2	25.4	38.0

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#8

2-Chlorophenol

Concen: 29.103 ng

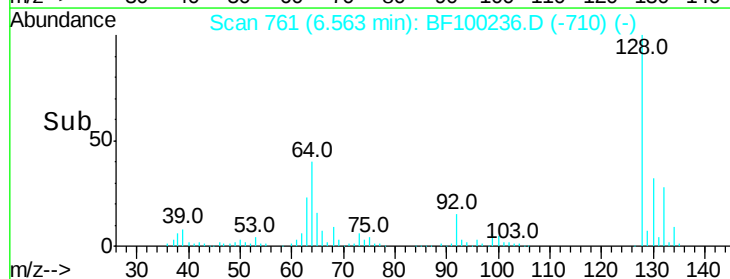
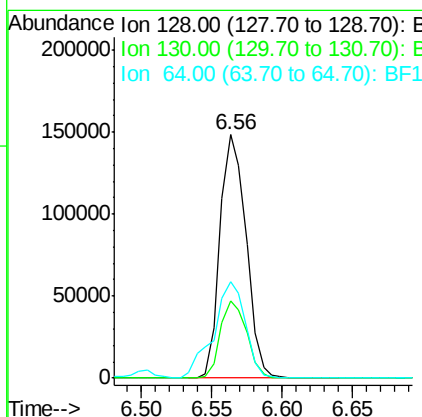
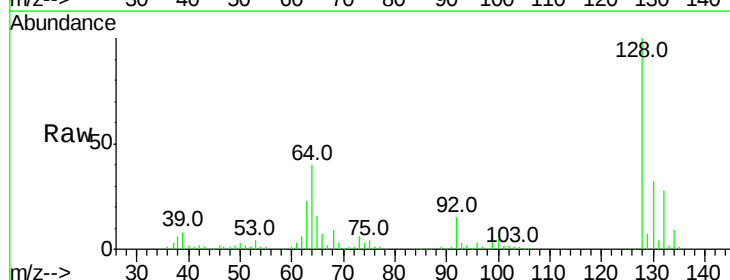
RT: 6.56 min Scan# 761

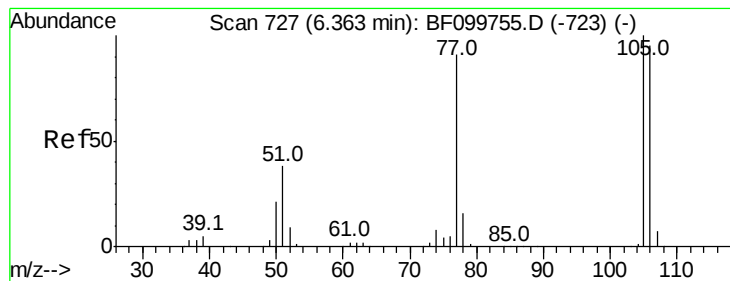
Delta R.T. 0.00 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion:	128	Resp:	191466
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	39.7	29.4	69.4





#9

Benzaldehyde

Concen: 14.129 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

ClientSampleId :

P002-S002-0001-01MSD

Tot Ion: 77 Resp: 61795

Ion Ratio Lower Upper

77 100

105 108.7 81.1 121.1

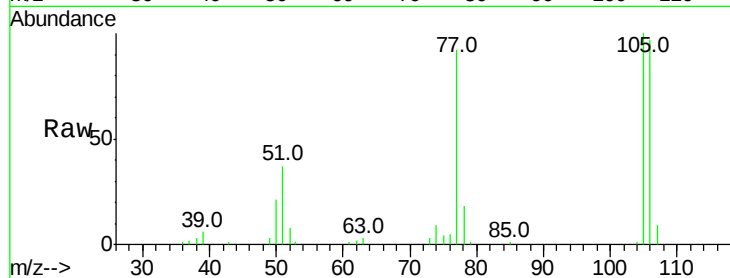
106 105.0 74.5 114.5

Manual Integrations

APPROVED

Sohil

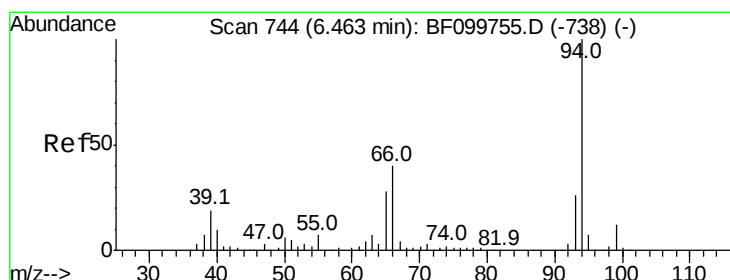
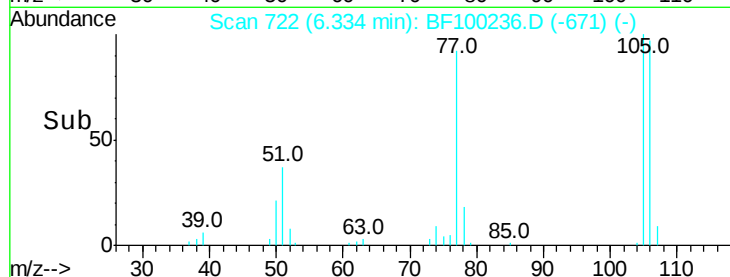
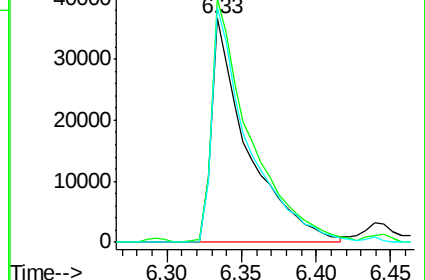
11/6/2017 2:33:39 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.476 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion: 94 Resp: 212763

Ion Ratio Lower Upper

94 100

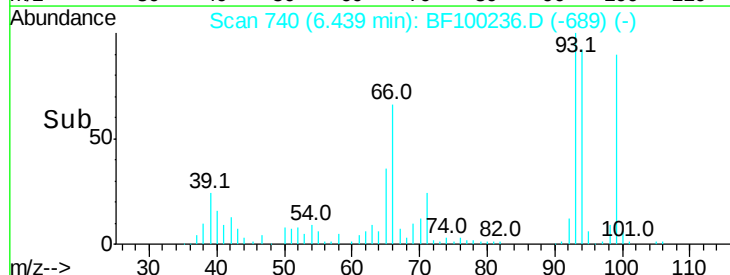
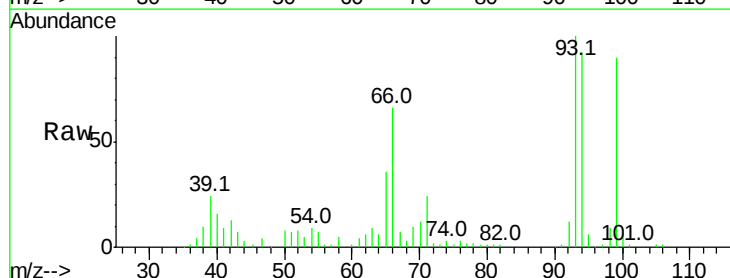
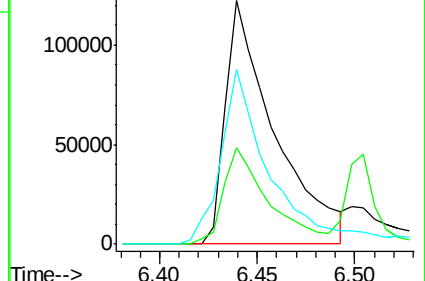
65 39.6 7.9 47.9

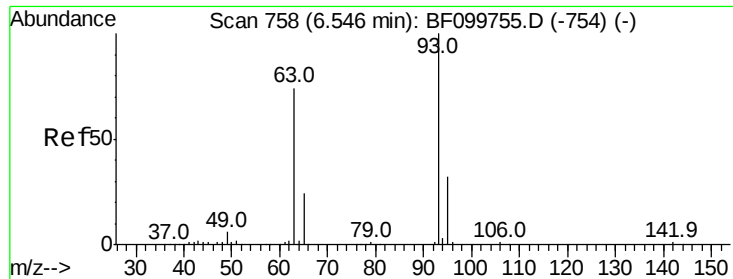
66 71.4 16.2 56.2#

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

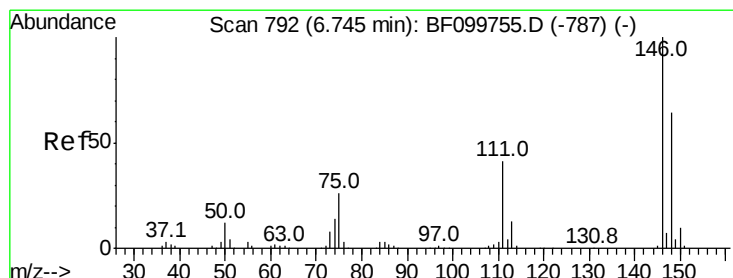
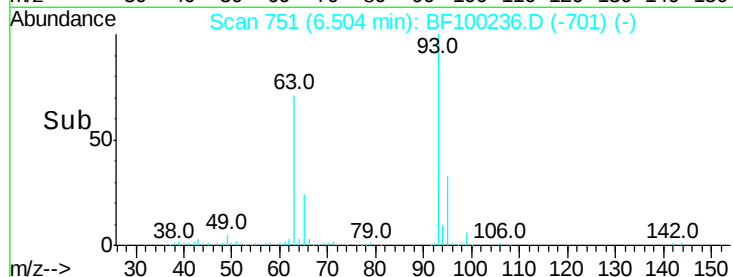
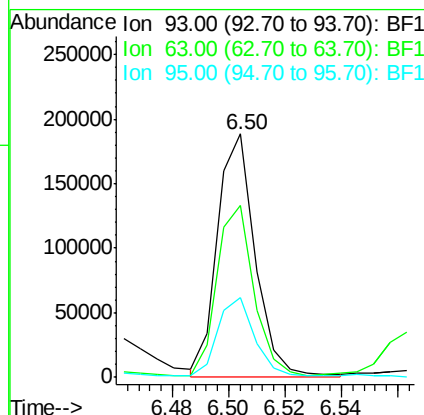
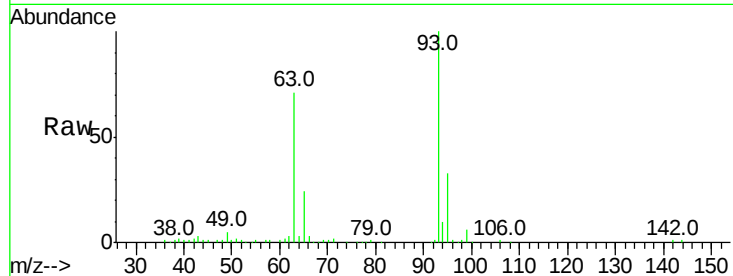
bis(2-Chloroethyl)ether
Concen: 28.320 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	93	Resp	175738
Ion Ratio	100	Lower	Upper
93	100		
63	70.8	58.6	98.6
95	32.7	11.8	51.8

Manual Integrations
APPROVED

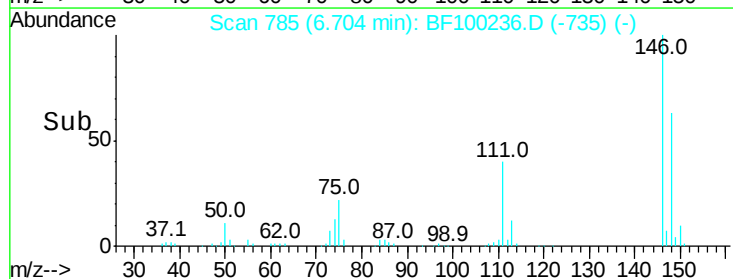
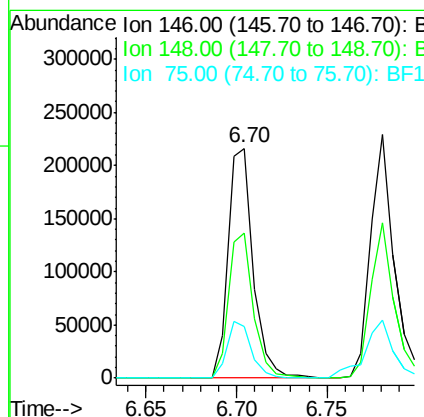
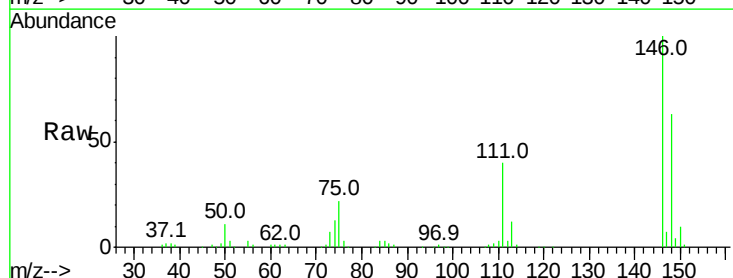
Sohil
11/6/2017 2:33:39 PM

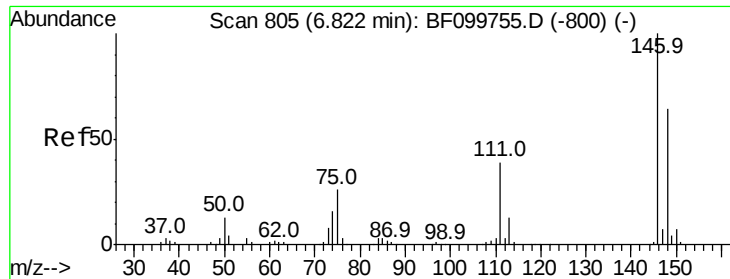


#12

1,3-Dichlorobenzene
Concen: 28.114 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	146	Resp	207675
Ion Ratio	100	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	22.4	24.2	36.4#





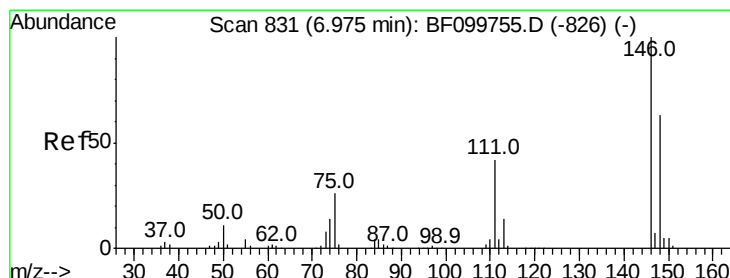
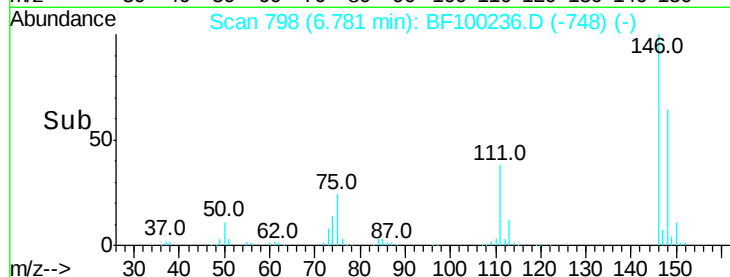
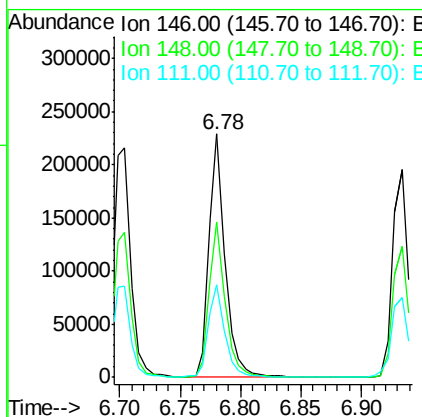
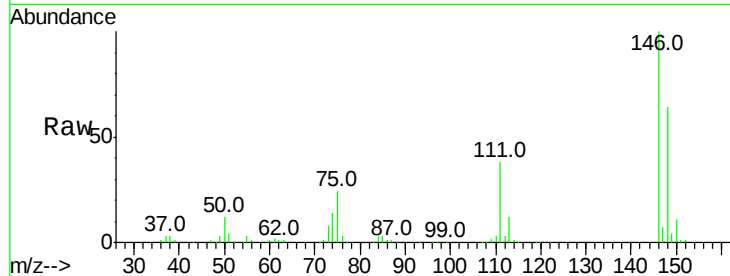
#13
 1,4-Dichlorobenzene
 Concen: 28.166 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	37.9	34.2	51.2

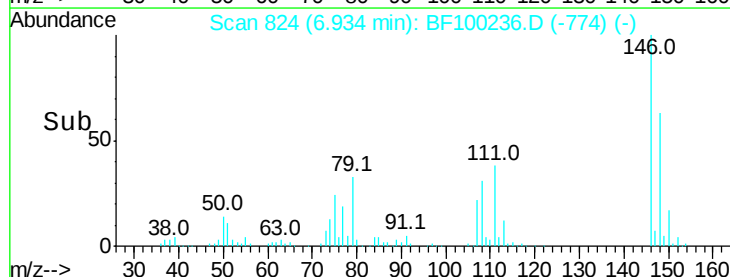
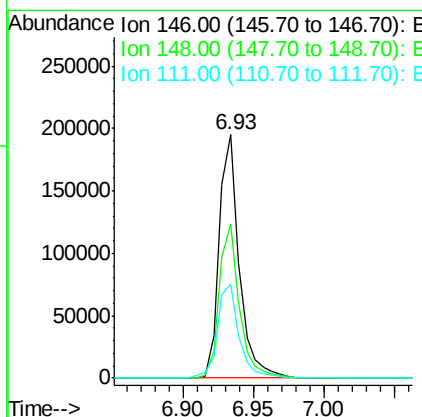
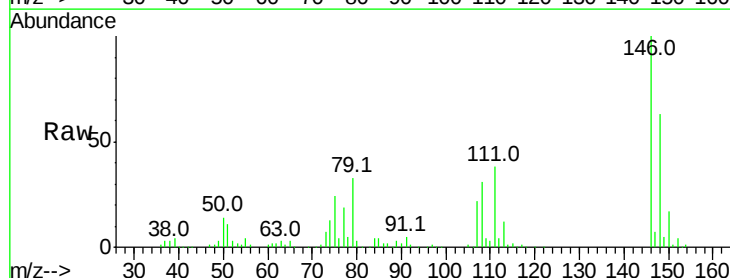
Manual Integrations
 APPROVED

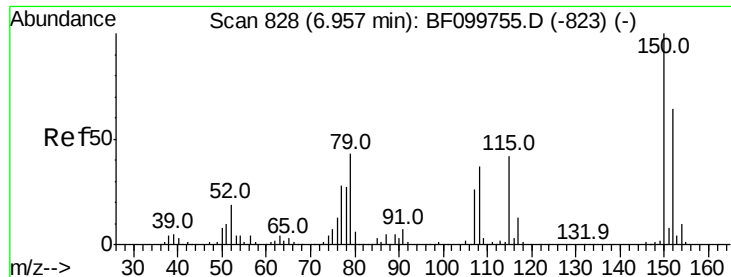
Sohil
 11/6/2017 2:33:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 28.232 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	38.4	36.0	54.0





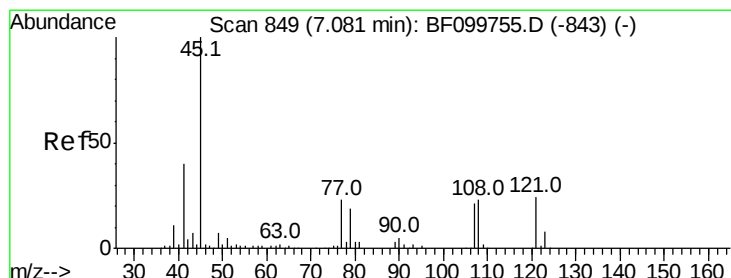
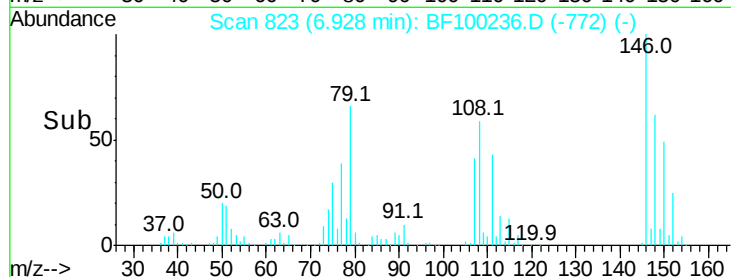
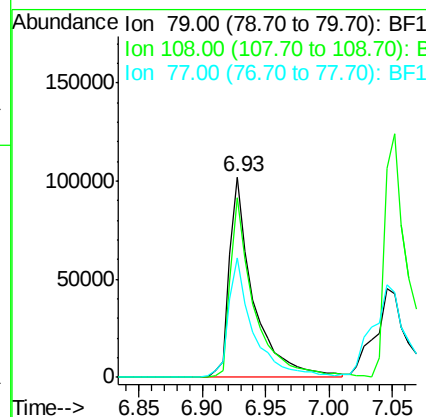
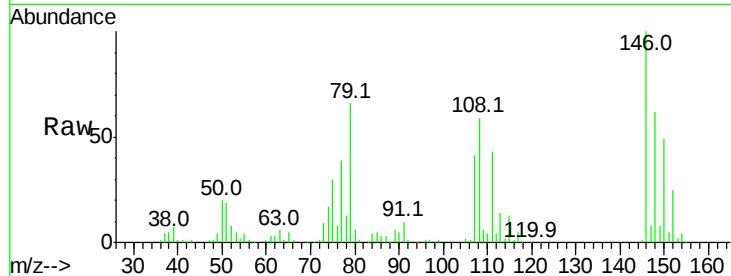
#15
Benzyl Alcohol
Concen: 28.799 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	89.4	65.1	97.7
77	59.6	50.6	75.8

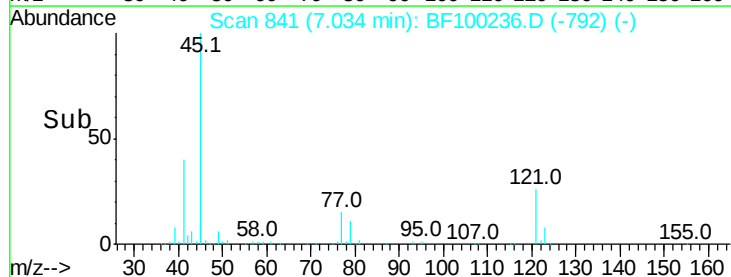
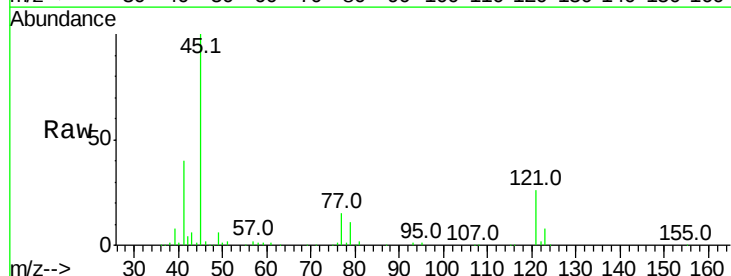
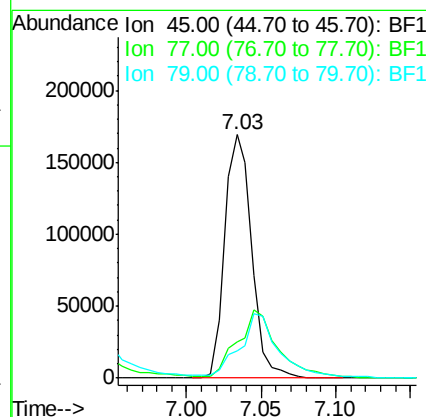
Manual Integrations
APPROVED

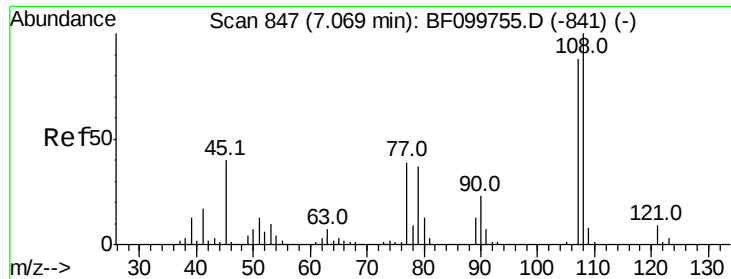
Sohil
11/6/2017 2:33:39 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.329 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	32.9
79	11.2	0.0	29.6





#17

2-Methylphenol

Concen: 27.090 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

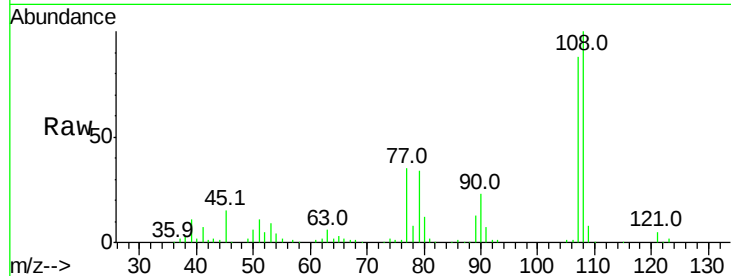
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	107	Resp:	149077
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.7	137.5
77	39.8	33.8	50.8
79	39.2	33.8	50.8

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM

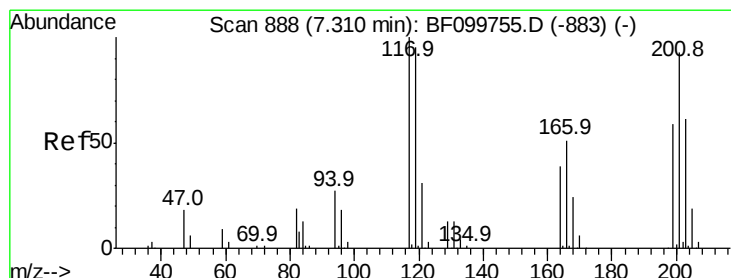
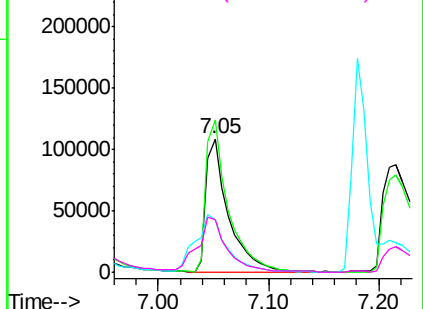
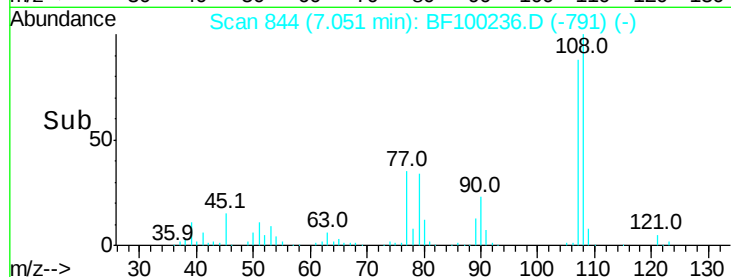


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 21.636 ng

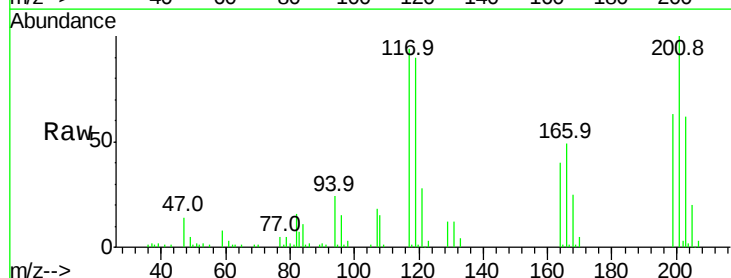
RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

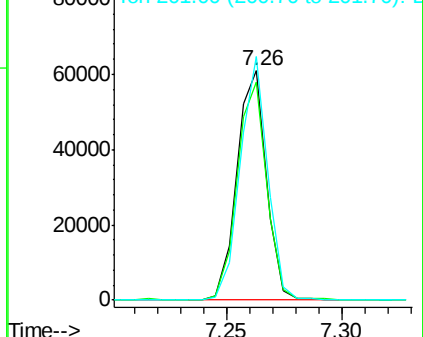
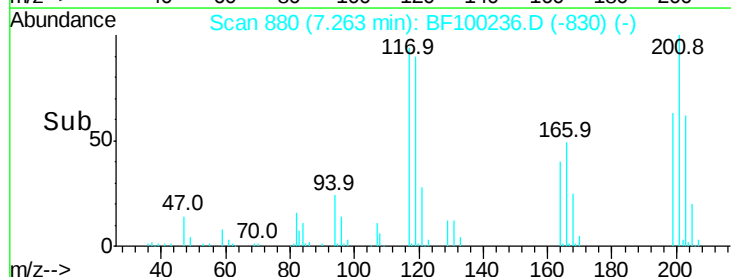
Tgt Ion:	117	Resp:	54117
Ion Ratio	Lower	Upper	
117	100		
119	95.4	75.8	113.8
201	106.2	75.7	113.5

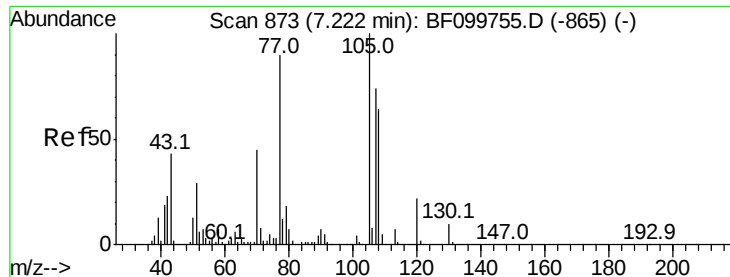


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





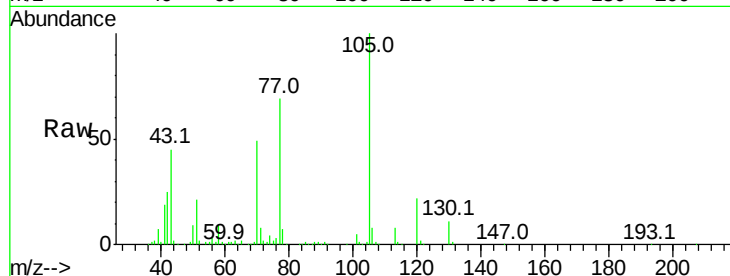
#19
n-Nitroso-di-n-propylamine
Concen: 27.377 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

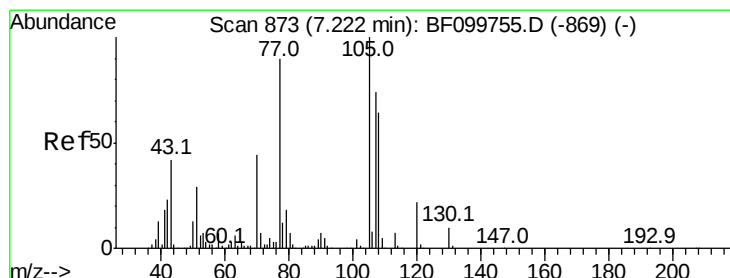
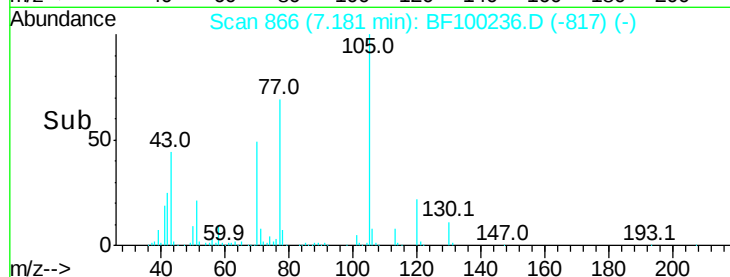
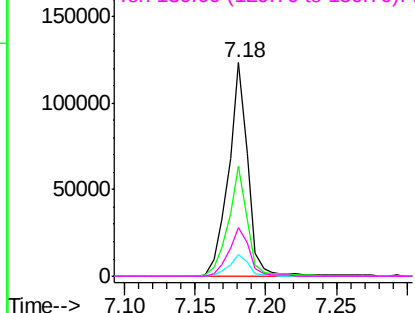
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	47.5	71.3	
101	10.1	7.4	11.2	
130	23.1	16.6	25.0	

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



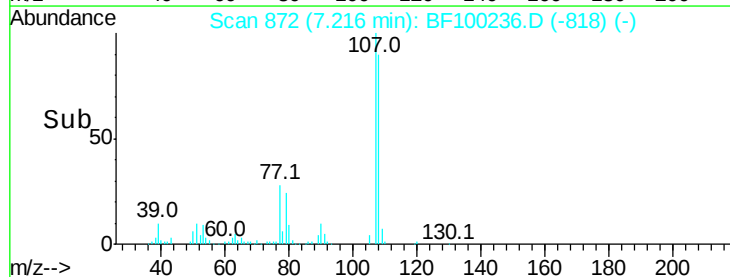
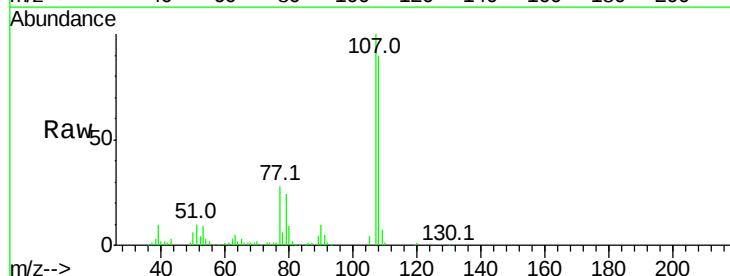
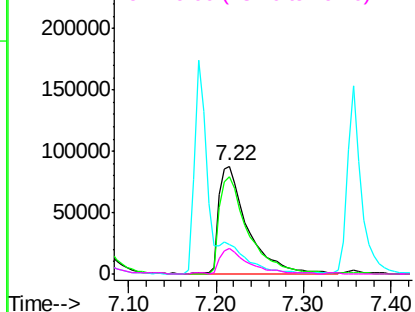
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

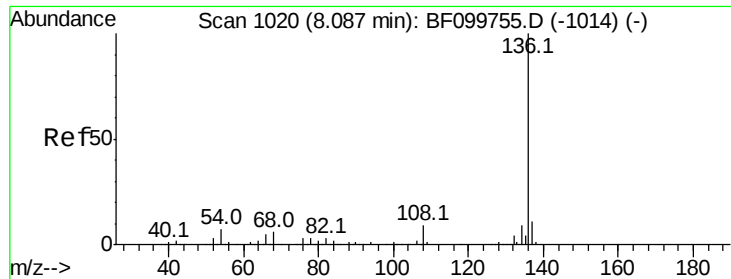


#20
3+4-Methylphenols
Concen: 31.213 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.02 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	68.2	108.2	
77	27.6	26.7	66.7	
79	24.0	6.3	46.3	

Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





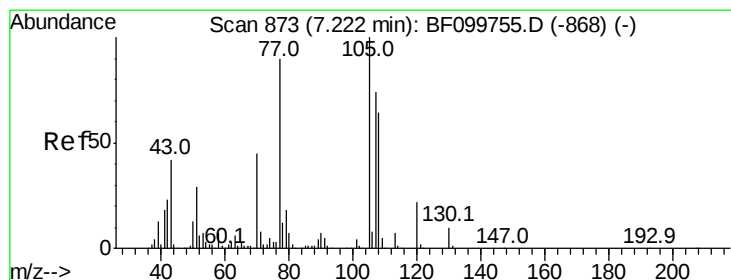
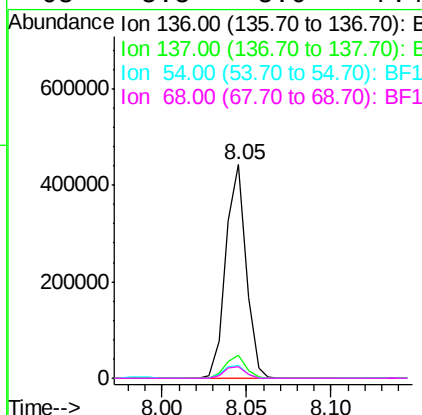
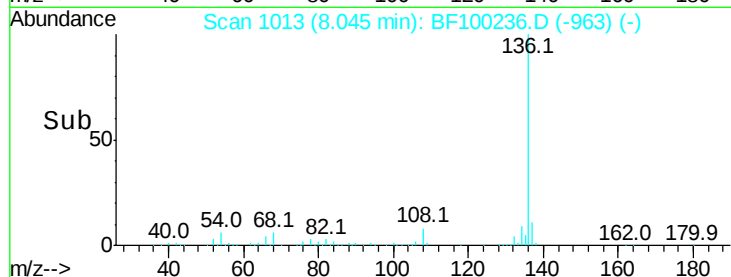
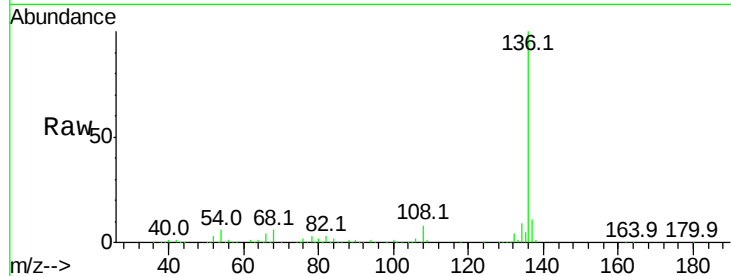
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	5.9	6.6	9.8	
68	5.5	5.0	7.4	

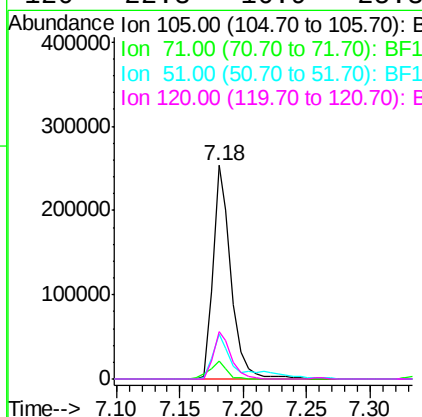
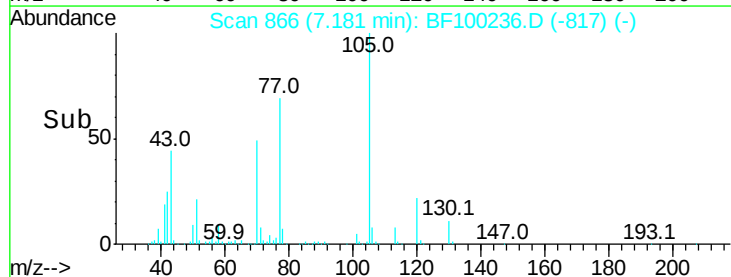
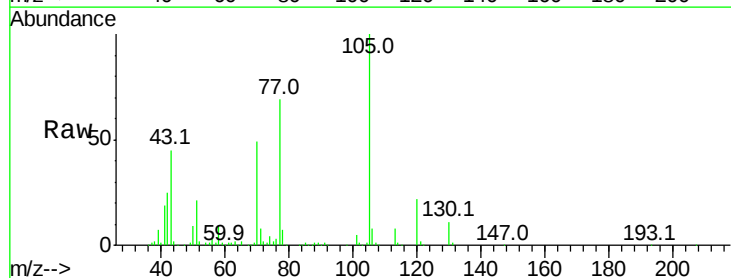
Manual Integrations
APPROVED

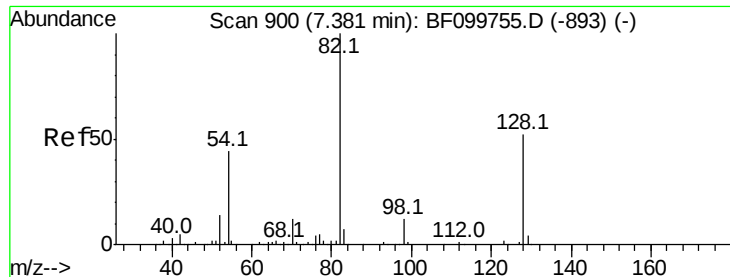
Sohil
11/6/2017 2:33:39 PM



#22
Acetophenone
Concen: 29.962 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.4	6.6	
51	20.9	22.3	33.5	
120	22.3	16.9	25.3	





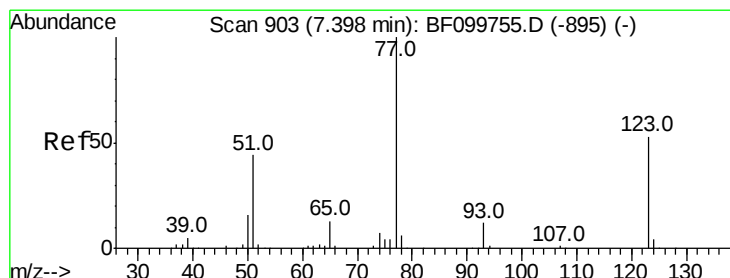
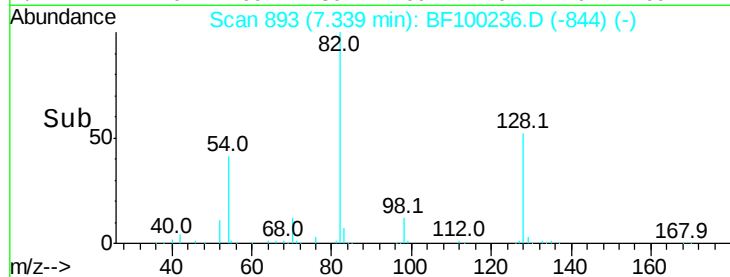
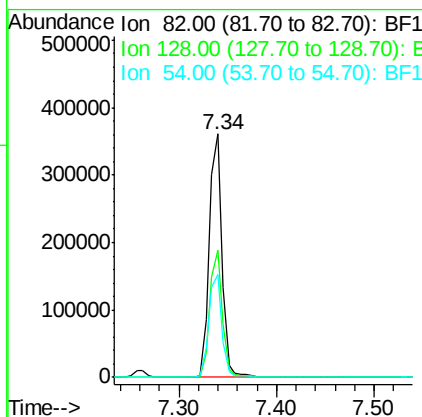
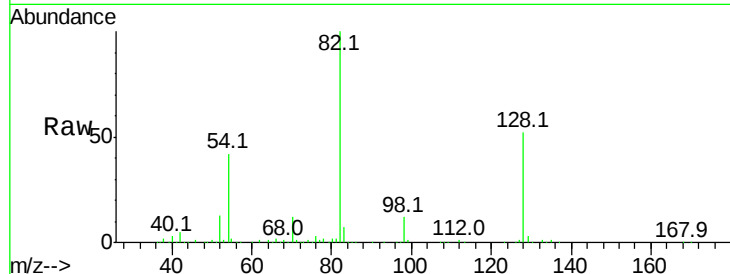
#23
 Nitrobenzene-d5
 Concen: 57.220 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion:	82	Resp:	328228
Ion Ratio	Lower	Upper	
82	100		
128	52.0	36.1	54.1
54	42.1	41.4	62.2

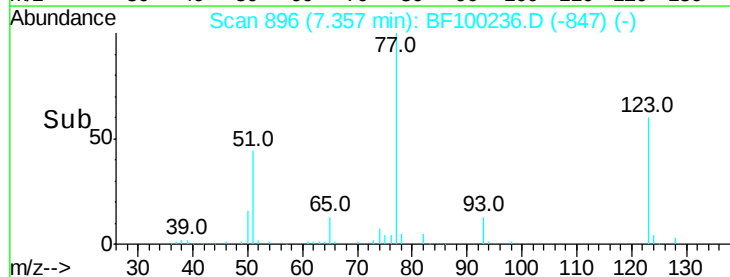
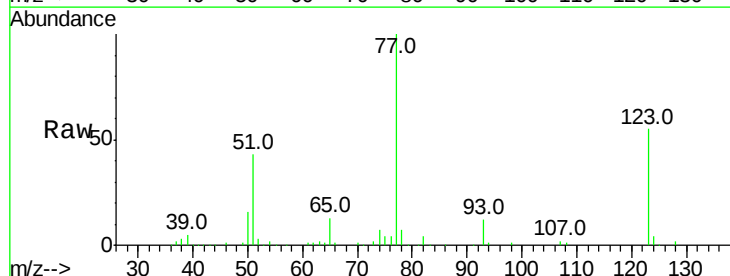
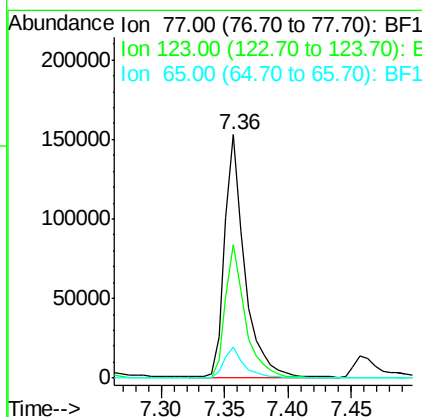
Manual Integrations
 APPROVED

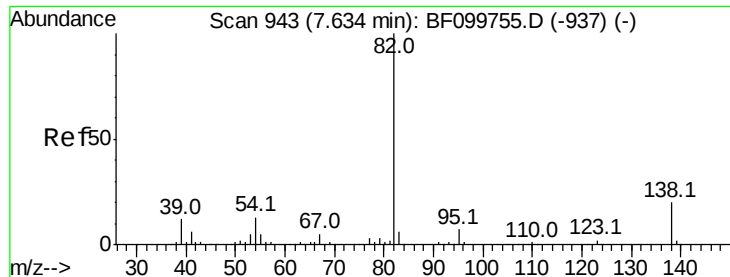
Sohil
 11/6/2017 2:33:39 PM



#24
 Nitrobenzene
 Concen: 28.885 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion:	77	Resp:	166950
Ion Ratio	Lower	Upper	
77	100		
123	55.0	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 29.653 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

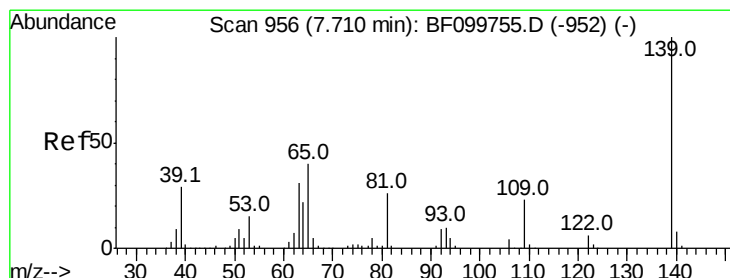
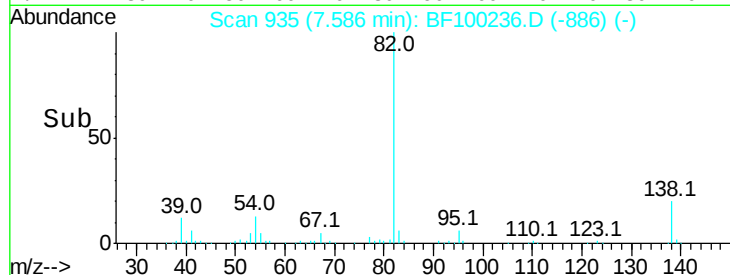
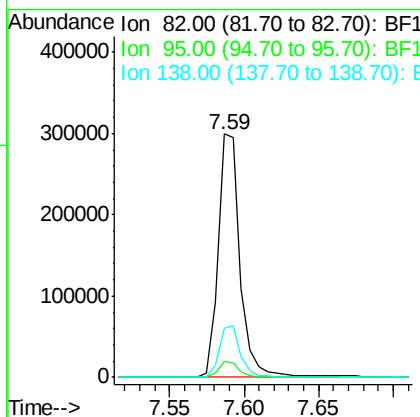
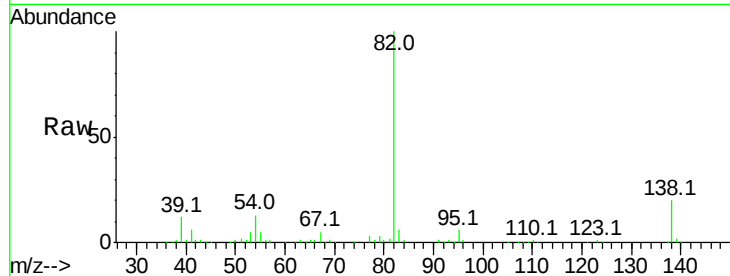
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	82	Resp:	308658
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	20.0	14.9	22.3

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#26

2-Nitrophenol

Concen: 29.631 ng

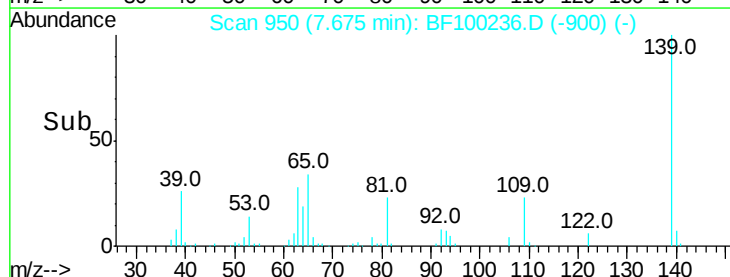
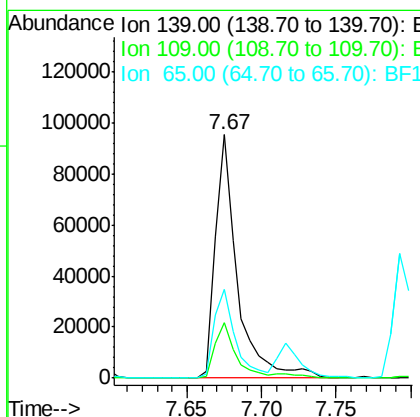
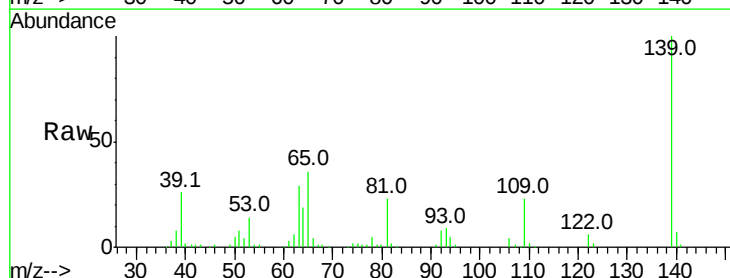
RT: 7.67 min Scan# 950

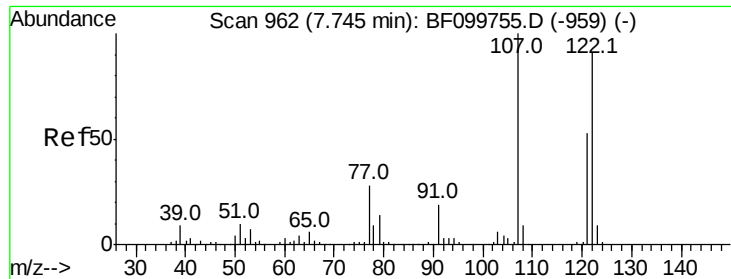
Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion:	139	Resp:	98092
Ion Ratio		Lower	Upper
139	100		
109	22.9	22.7	34.1
65	36.3	40.5	60.7#





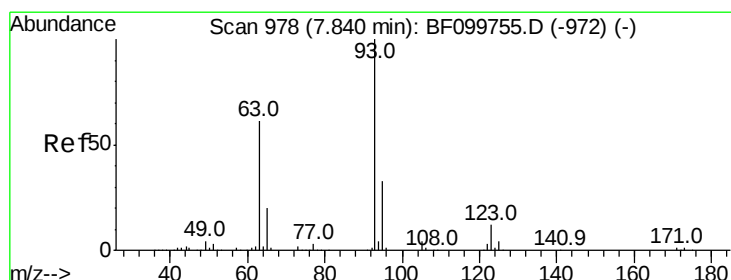
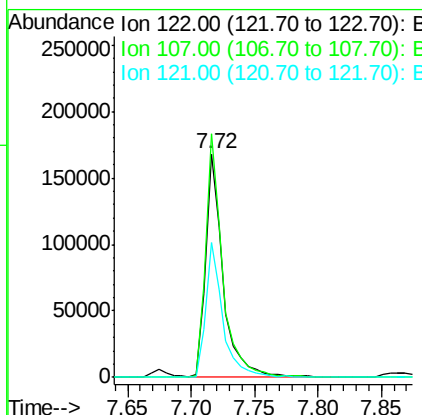
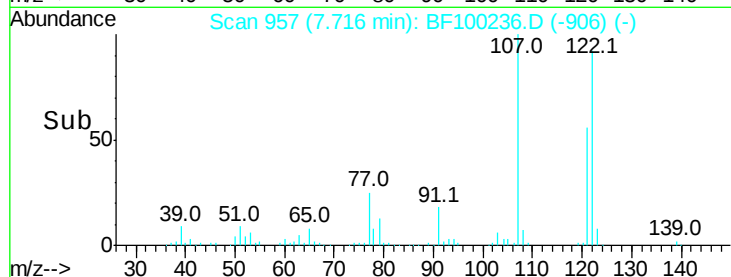
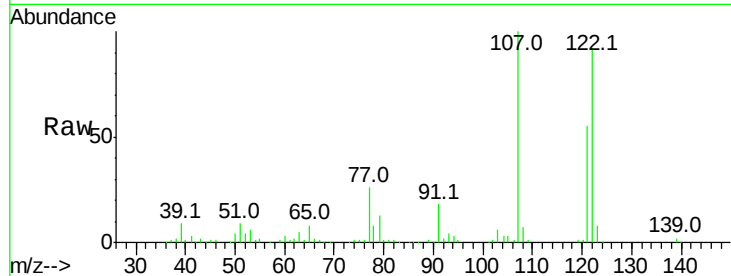
#27
2,4-Dimethylphenol
Concen: 33.260 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	91.2	136.8
121	60.4	47.2	70.8

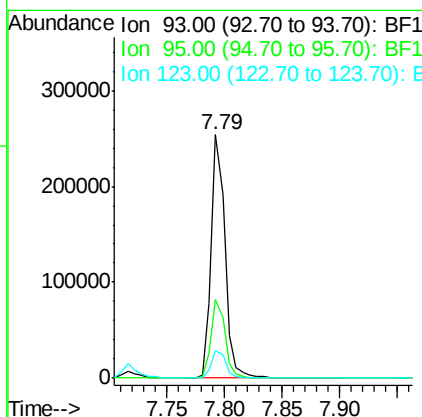
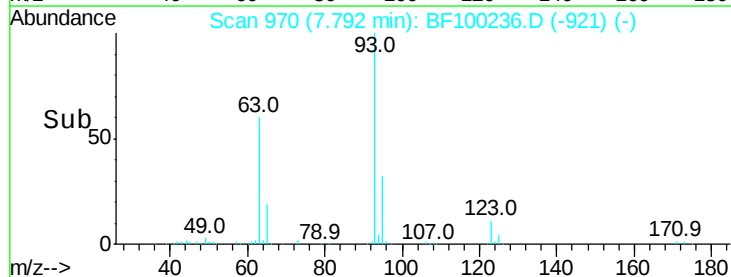
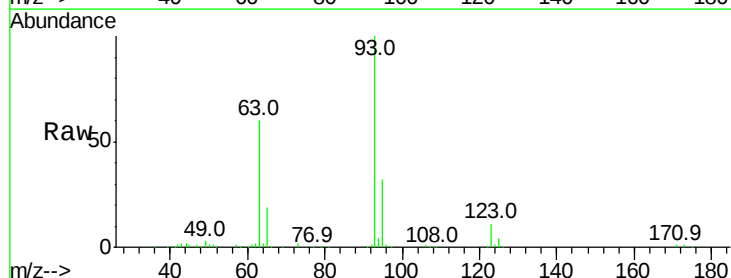
Manual Integrations
APPROVED

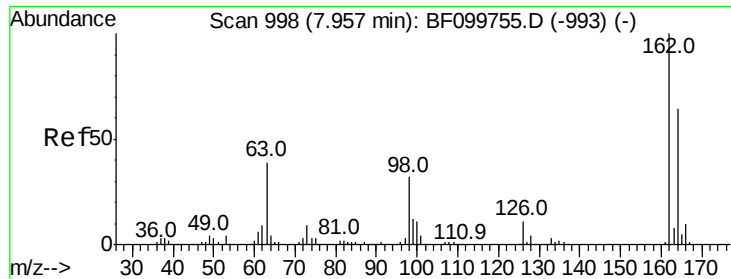
Sohil
11/6/2017 2:33:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 28.938 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.4	9.8	14.6





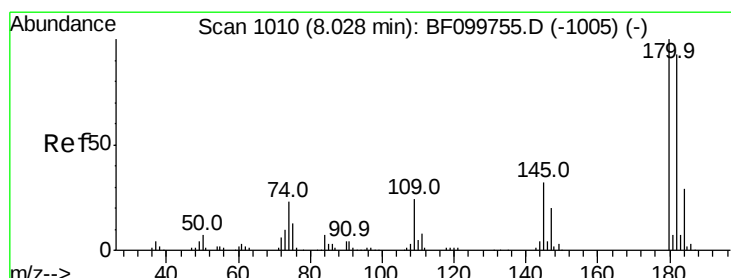
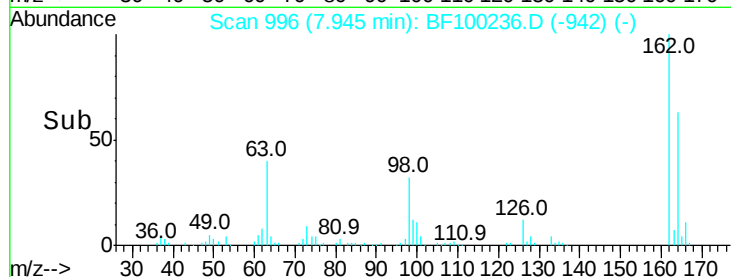
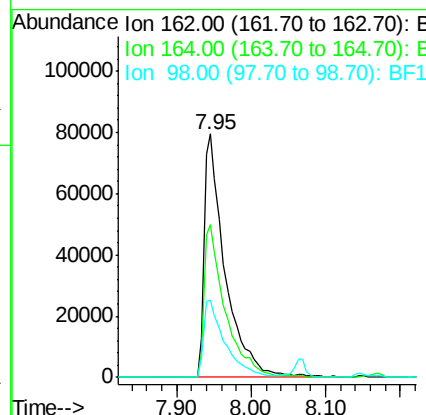
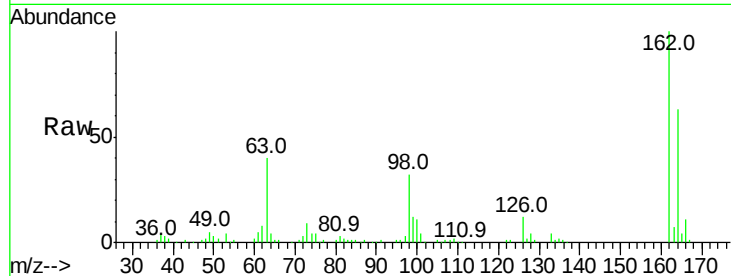
#29
 2,4-Dichlorophenol
 Concen: 30.692 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.02 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	155513		
164	62.9	42.7	82.7	
98	31.6	18.1	58.1	

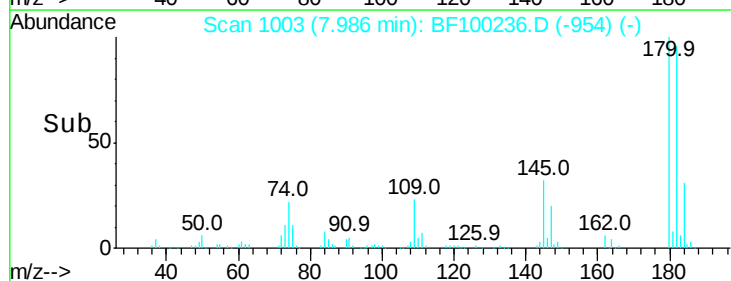
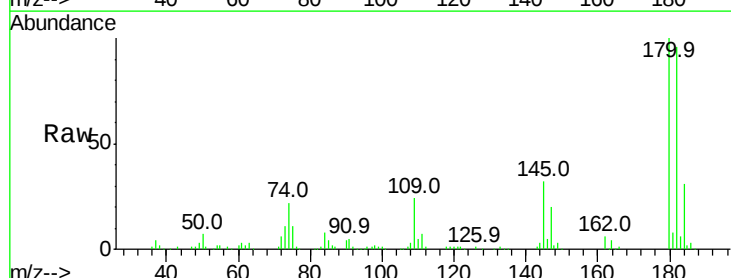
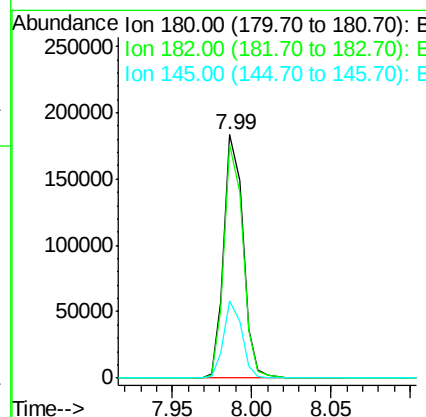
Manual Integrations
 APPROVED

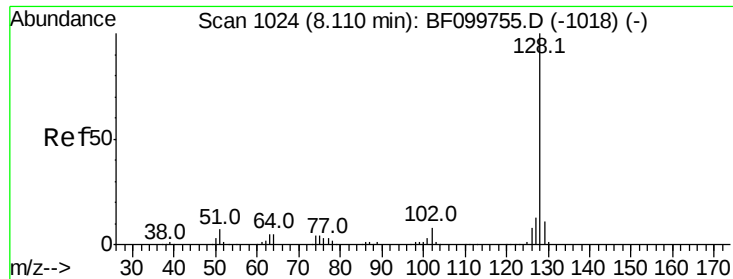
Sohil
 11/6/2017 2:33:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 28.669 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155208		
182	95.7	76.8	115.2	
145	31.6	26.5	39.7	





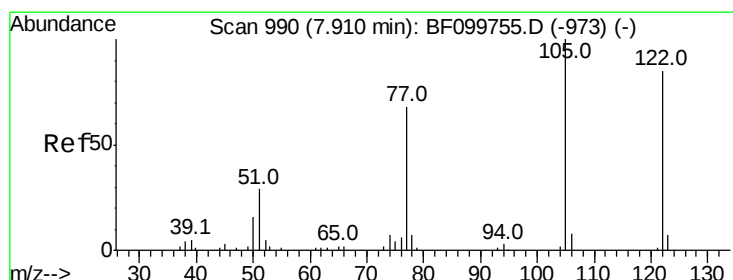
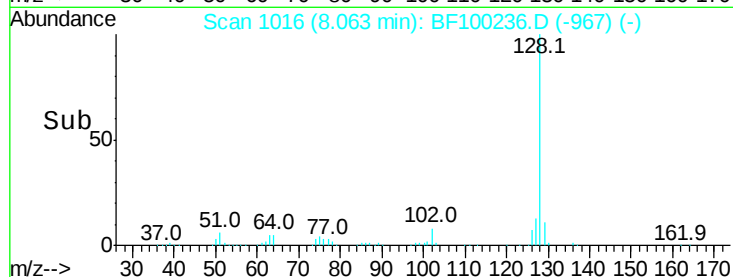
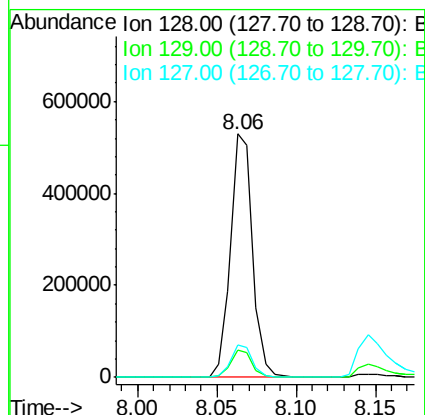
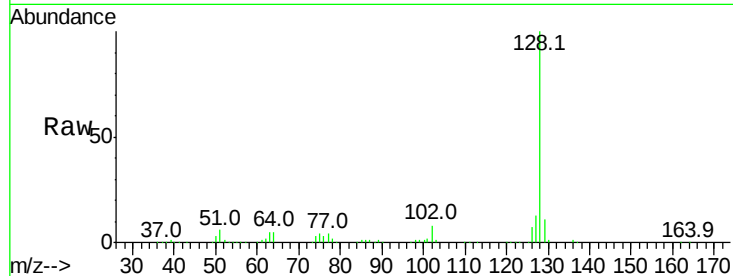
#31
Naphthalene
Concen: 28.730 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.4	10.9	16.3

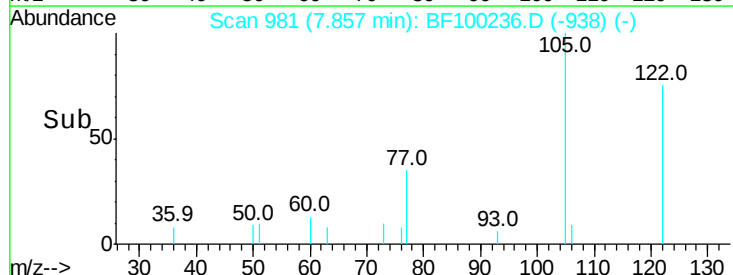
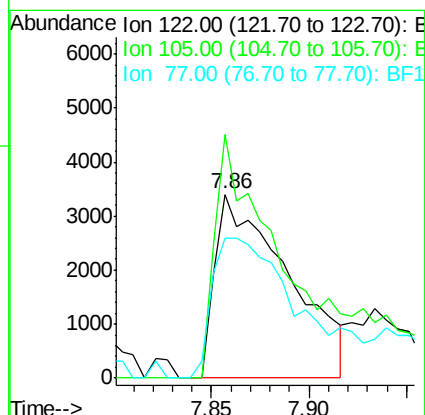
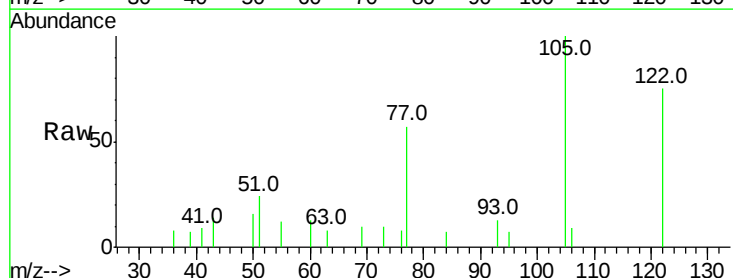
Manual Integrations
APPROVED

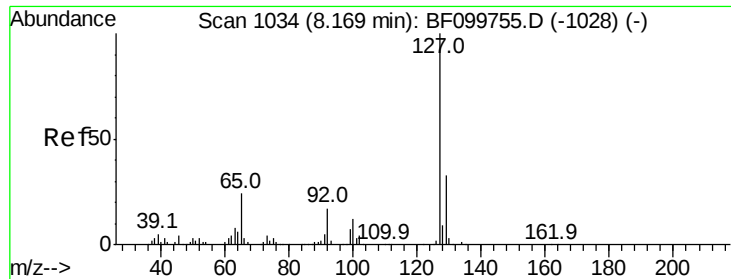
Sohil
11/6/2017 2:33:39 PM



#32
Benzoic acid
Concen: 2.042 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.05 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	101.1	141.1
77	75.9	70.7	110.7





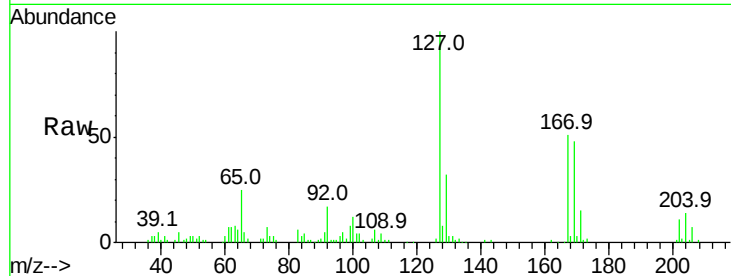
#33
4-Chloroaniline
Concen: 19.079 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

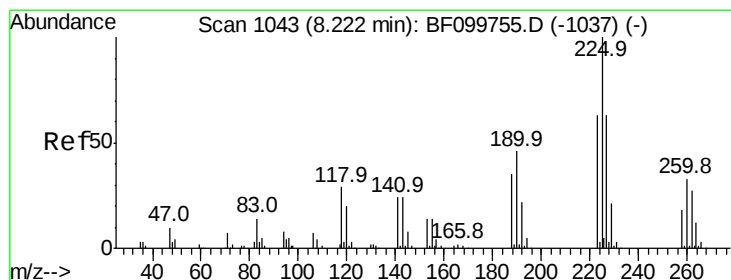
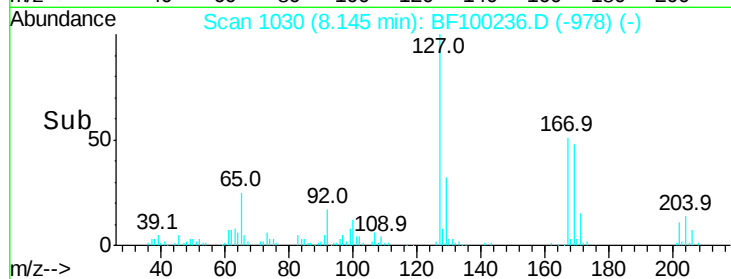
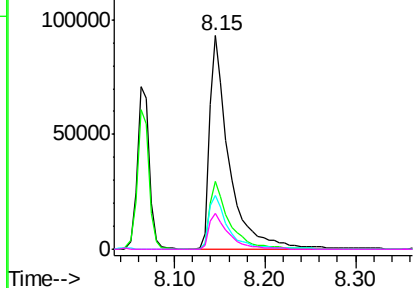
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.9	38.9	
65	25.3	25.0	37.4	
92	16.8	15.2	22.8	

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



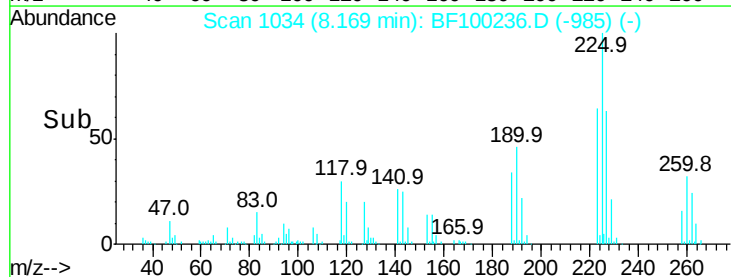
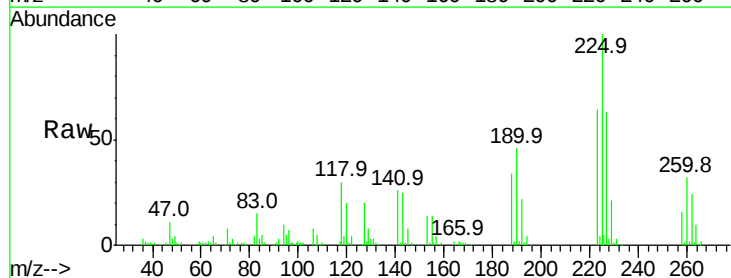
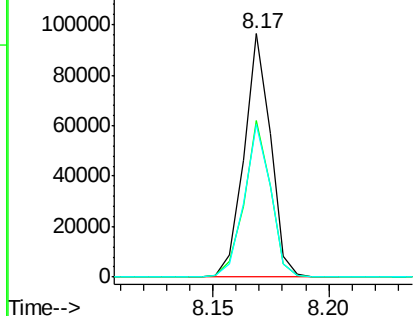
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 27.718 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	50.6	76.0	
227	62.8	51.9	77.9	

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





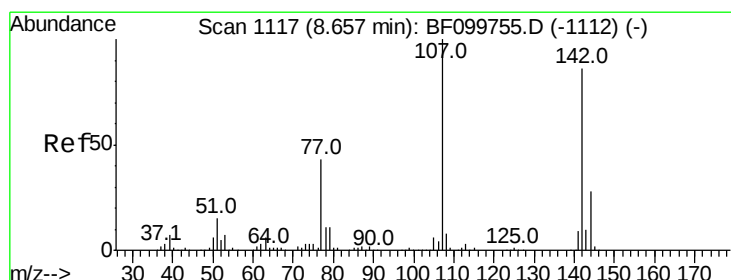
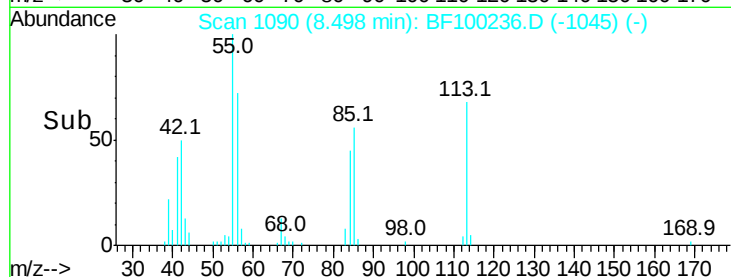
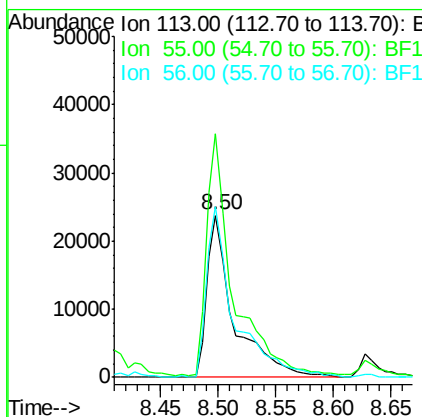
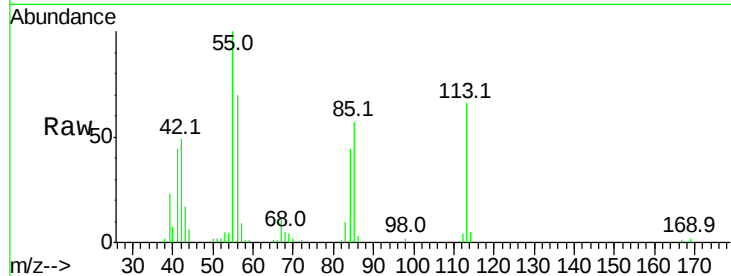
#35
Caprolactam
Concen: 24.395 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion:113 Resp: 38871
Ion Ratio Lower Upper
113 100
55 150.5 163.3 203.3#
56 105.3 115.7 155.7#

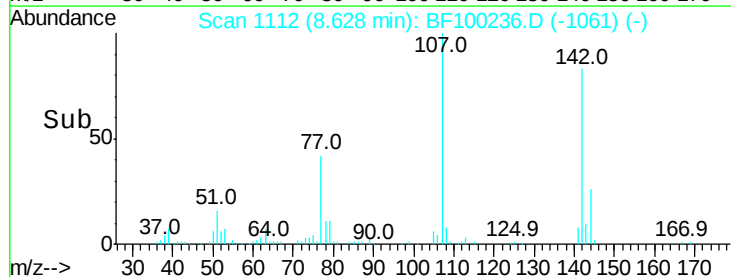
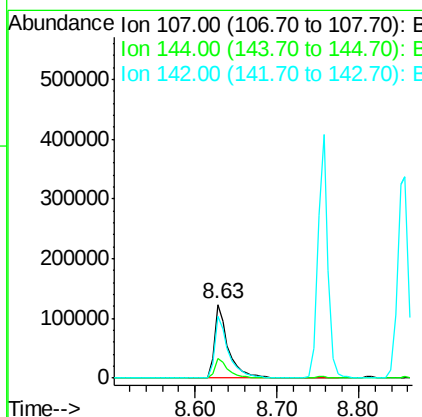
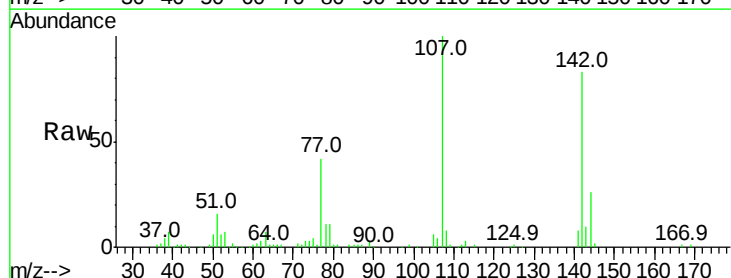
Manual Integrations
APPROVED

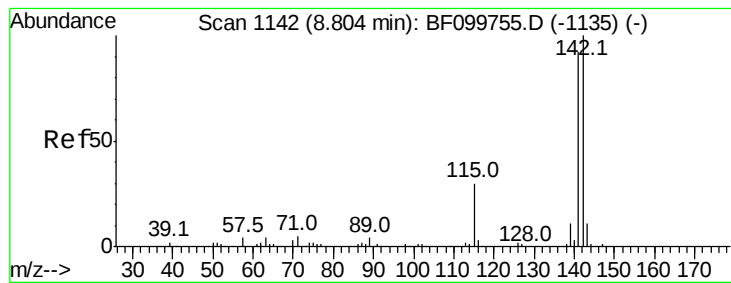
Sohil
11/6/2017 2:33:39 PM



#36
4-Chloro-3-methylphenol
Concen: 27.528 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion:107 Resp: 142366
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 82.9 62.0 93.0





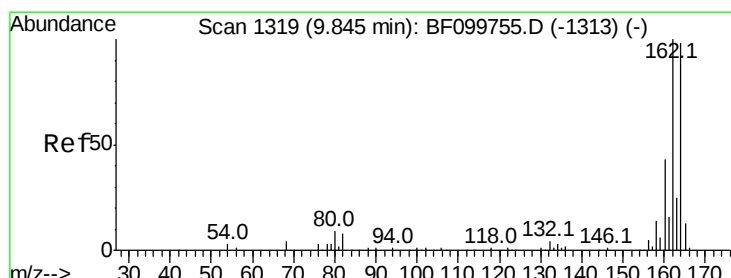
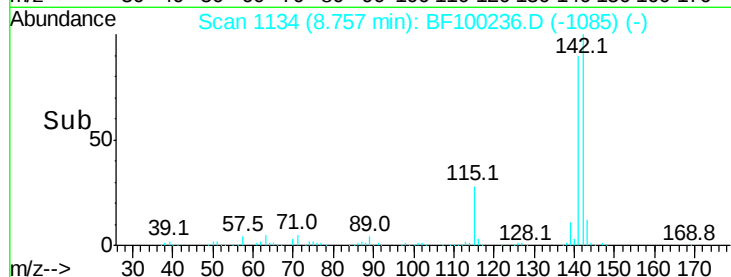
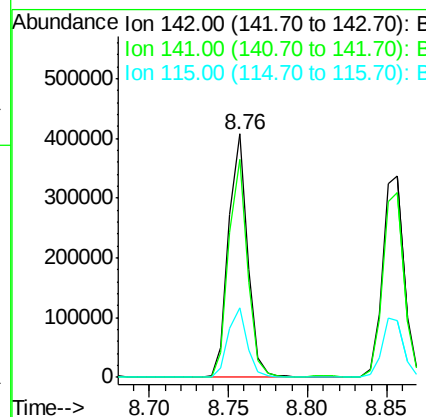
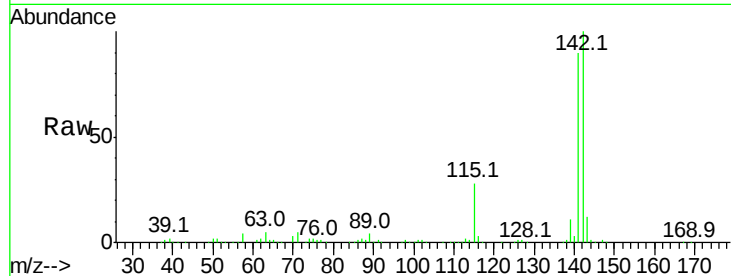
#37
2-Methylnaphthalene
Concen: 28.407 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	28.4	26.1	39.1

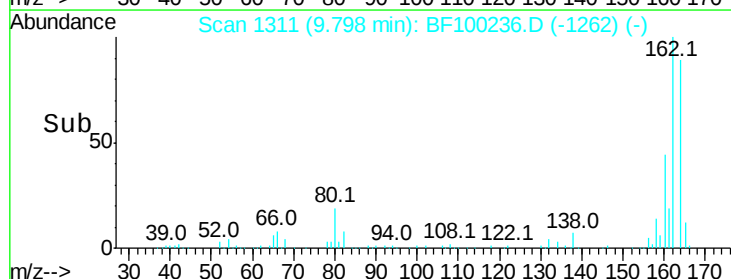
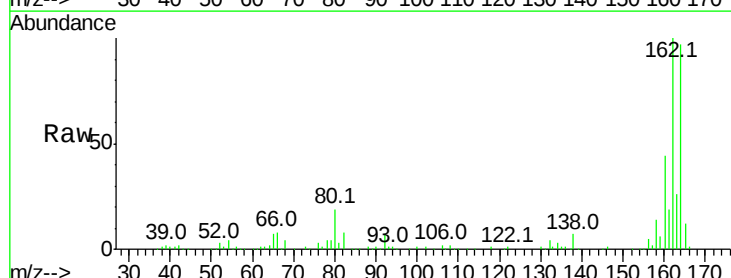
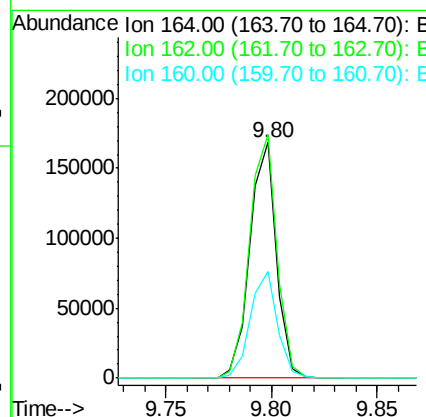
Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.1	38.3	57.5





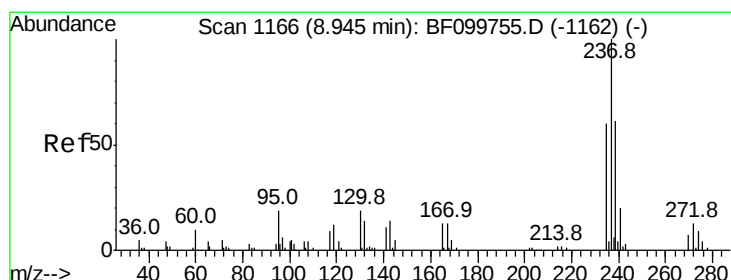
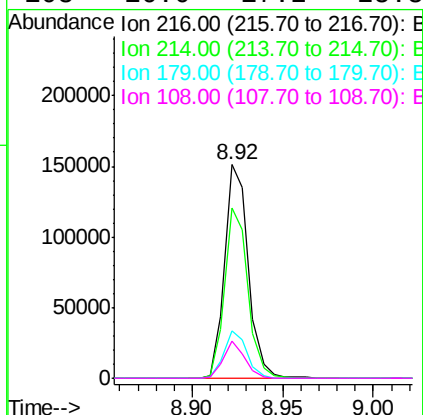
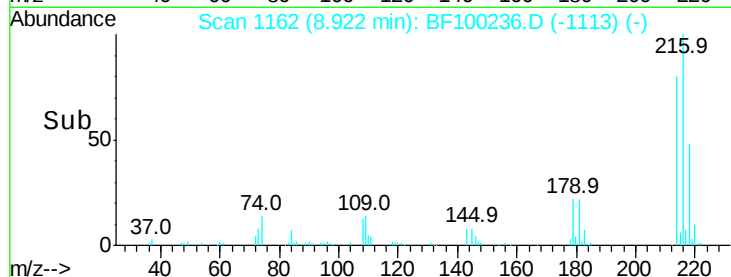
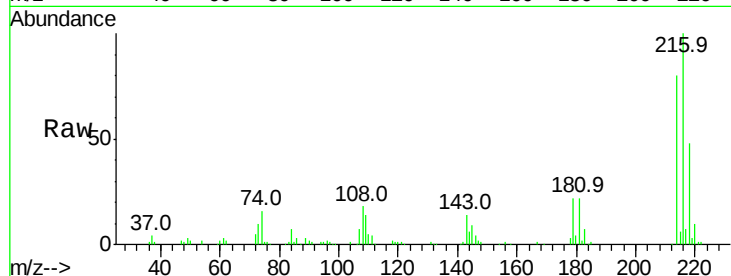
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.954 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	136877		
214	78.4	63.0	94.4	
179	21.5	18.1	27.1	
108	16.0	17.2	25.8	#

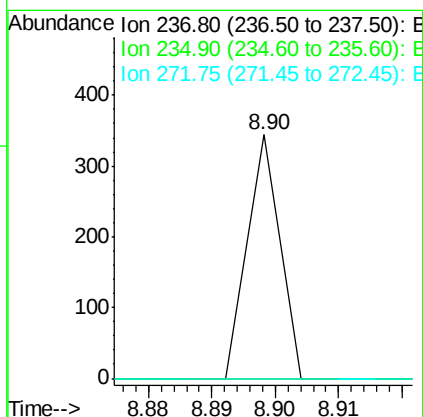
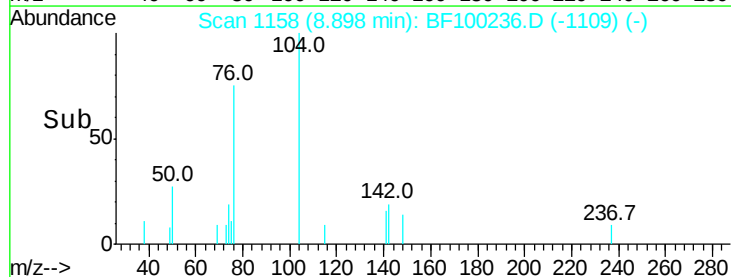
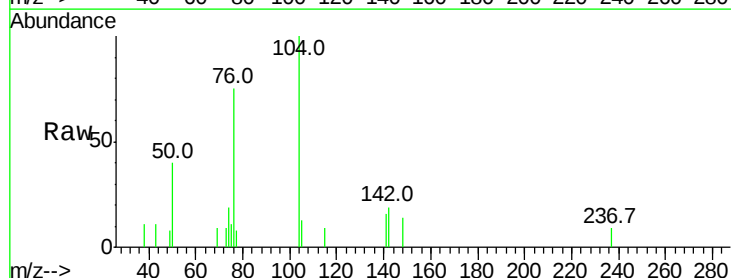
Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:33:39 PM



#40
 Hexachlorocyclopentadiene
 Concen: 10.153 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	121		
235	0.0	44.8	84.8	#
272	0.0	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 72.944 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

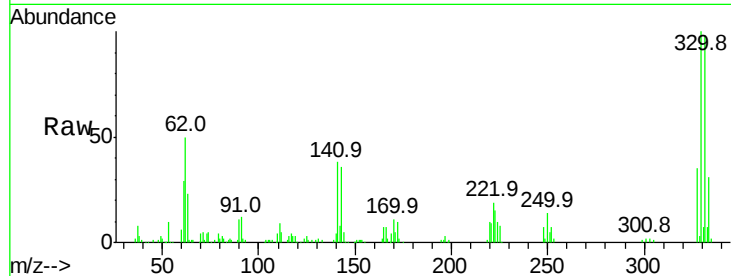
ClientSampleId :

P002-S002-0001-01MSD

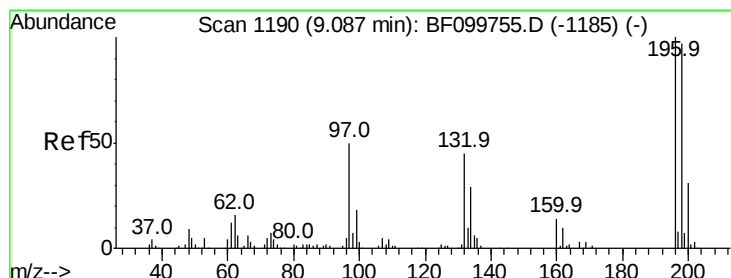
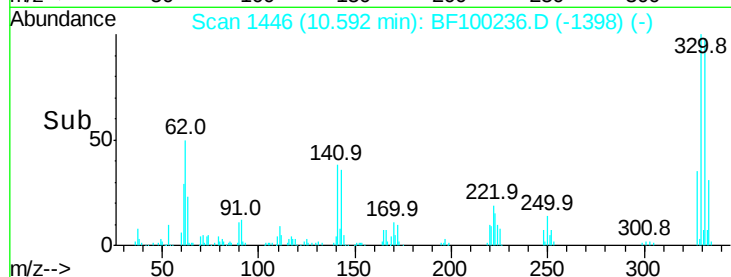
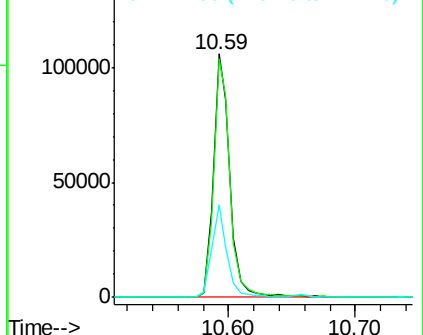
Tot Ion:	330	Resp:	97301
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	34.9	29.9	44.9

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 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: 31.911 ng

RT: 9.05 min Scan# 1184

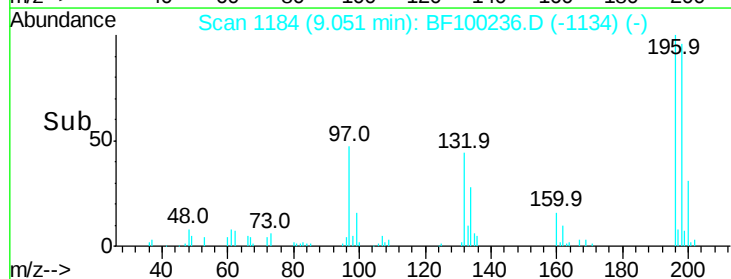
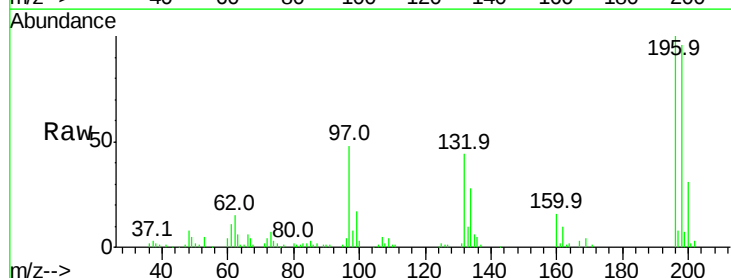
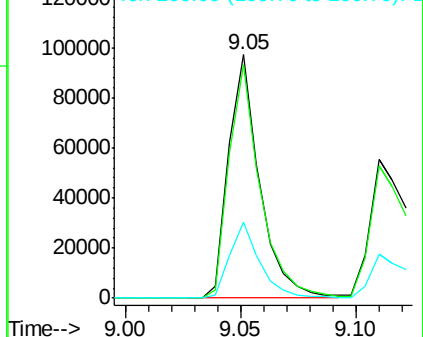
Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion:	196	Resp:	91251
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.7	113.5
200	31.3	24.5	36.7

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





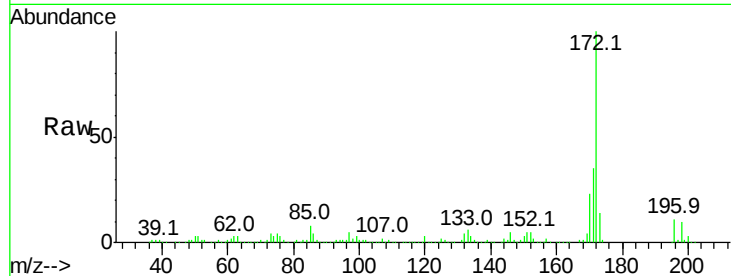
#43
 2,4,5-Trichlorophenol
 Concen: 28.070 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

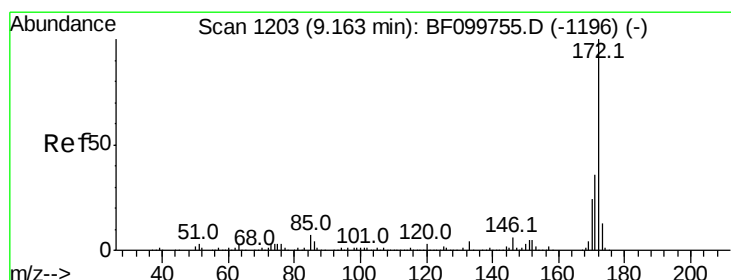
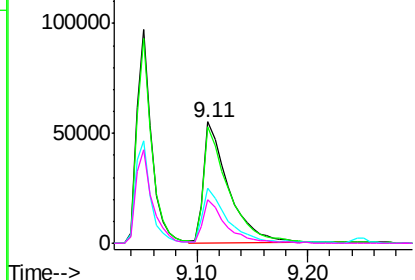
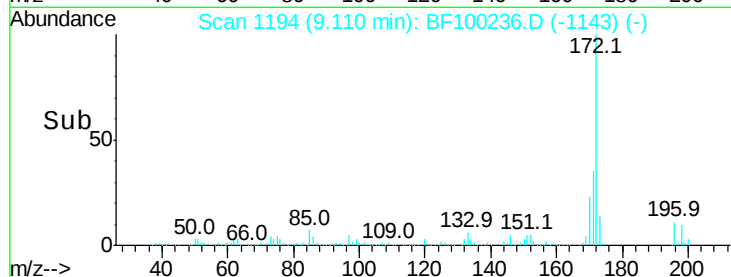
Tot Ion:	196	Resp:	85180
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.6	112.0
97	45.4	42.9	64.3
132	35.3	26.3	39.5

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:33:39 PM

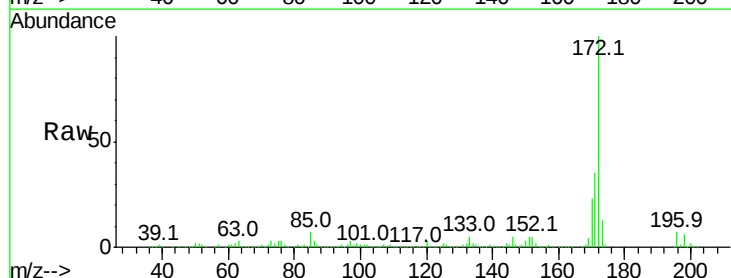


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

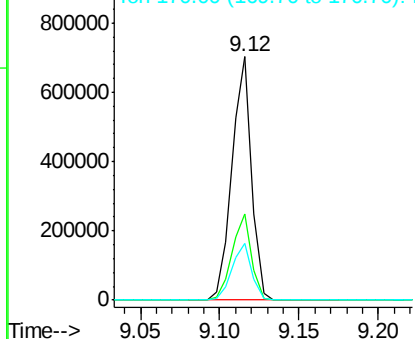
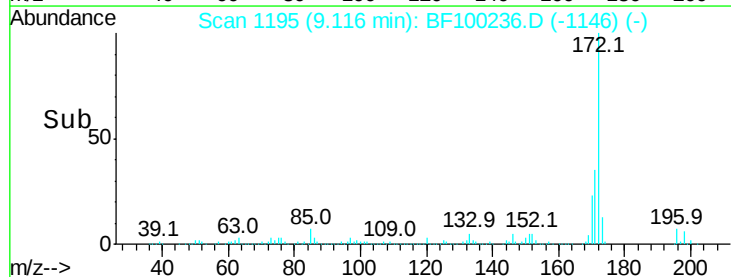


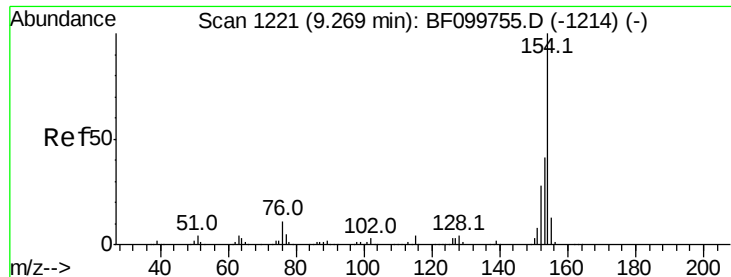
#44
 2-Fluorobiphenyl
 Concen: 62.922 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion:	172	Resp:	596948
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.7	44.5
170	23.3	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 29.204 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

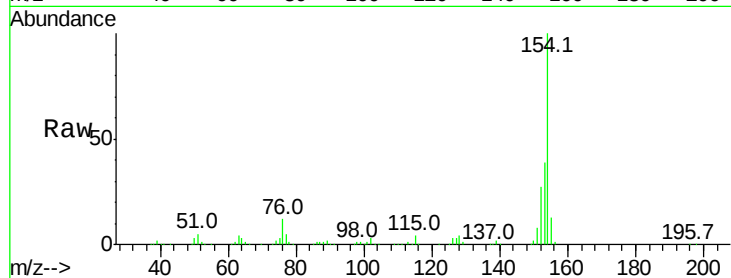
ClientSampleId :

P002-S002-0001-01MSD

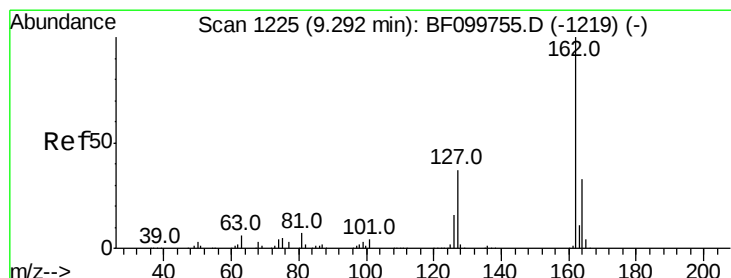
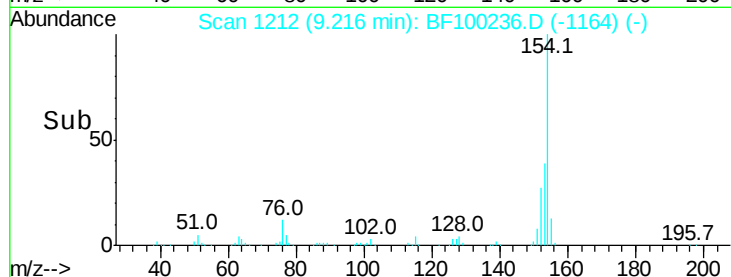
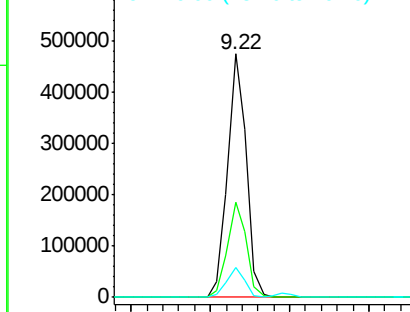
Tot Ion:	154	Resp:	386705
Ion Ratio	Lower	Upper	
154	100		
153	38.9	21.3	61.3
76	12.5	0.0	34.0

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 30.575 ng

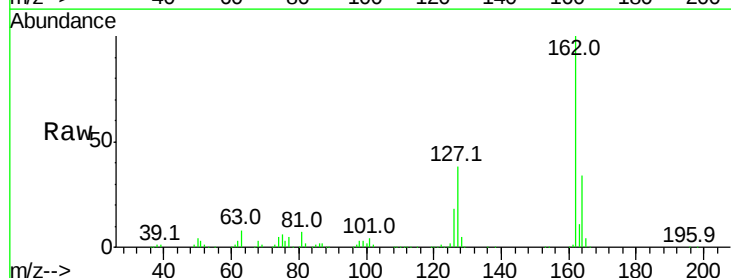
RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

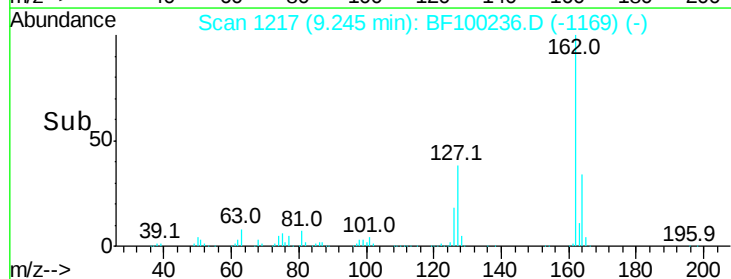
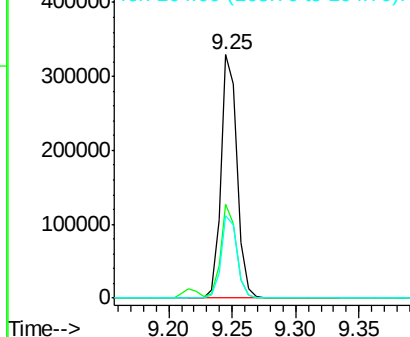
Lab File: BF100236.D

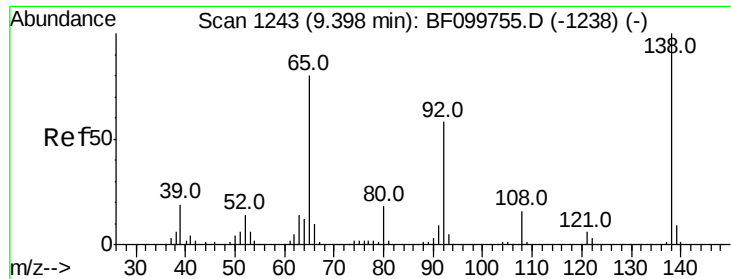
Acq: 5 Nov 2017 20:47

Tgt Ion:	162	Resp:	294018
Ion Ratio	Lower	Upper	
162	100		
127	38.5	33.9	50.9
164	34.0	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





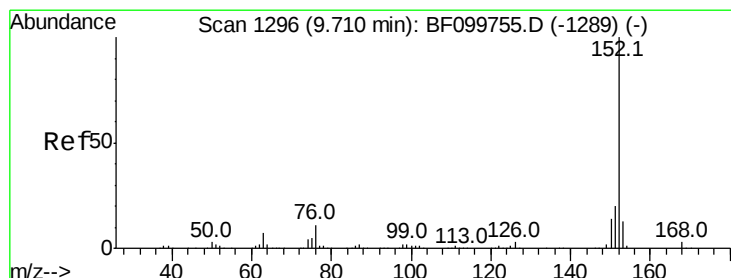
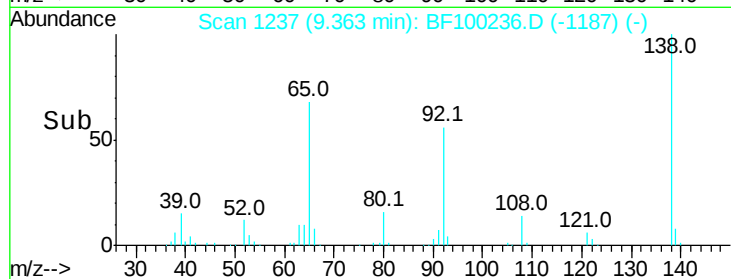
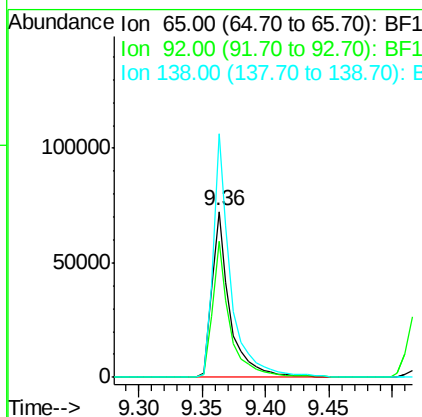
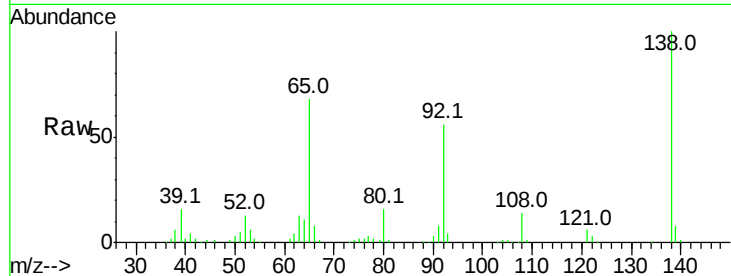
#47
2-Nitroaniline
Concen: 28.600 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion: 65 Resp: 72183
Ion Ratio Lower Upper
65 100
92 82.1 55.8 83.6
138 146.9 91.2 136.8#

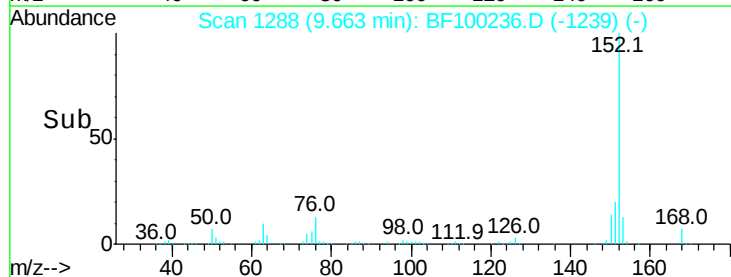
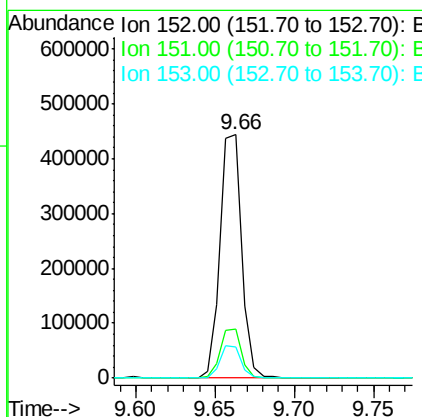
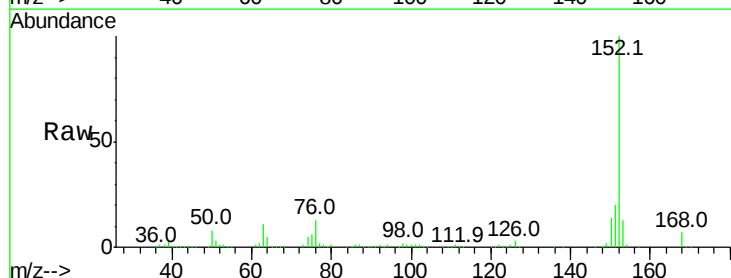
Manual Integrations
APPROVED

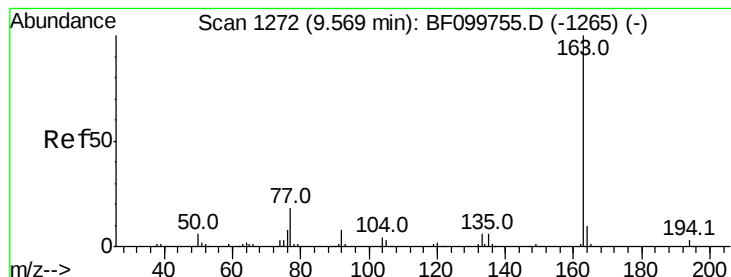
Sohil
11/6/2017 2:33:39 PM



#48
Acenaphthylene
Concen: 28.276 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion: 152 Resp: 418798
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.8 10.7 16.1





#49

Dimethylphthalate

Concen: 33.288 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

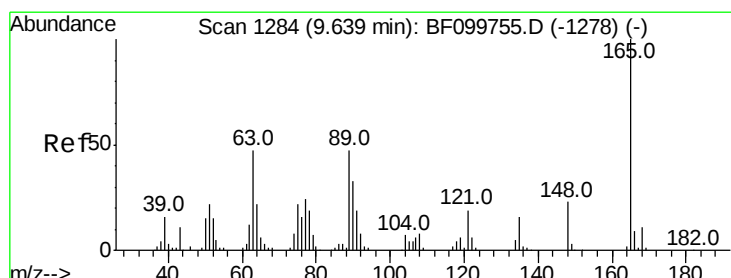
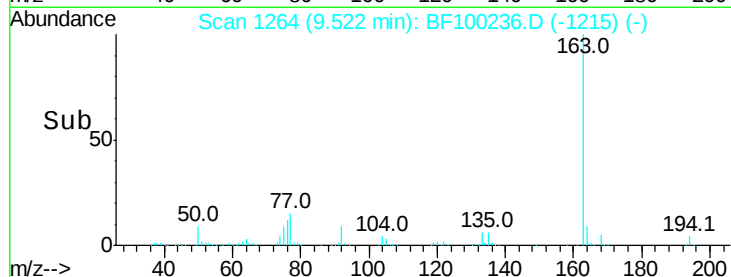
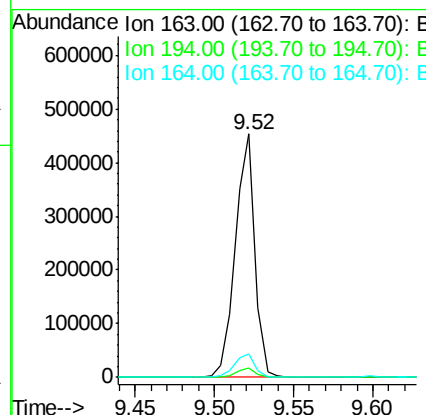
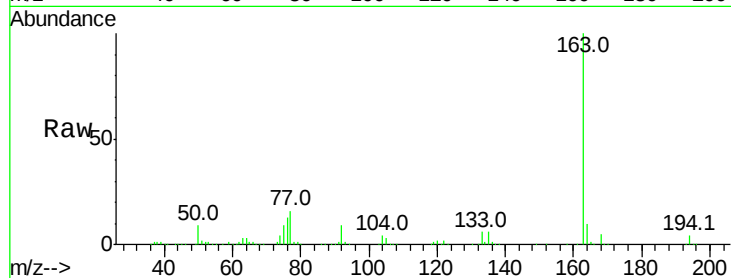
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	163	Resp:	385853
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#50

2,6-Dinitrotoluene

Concen: 28.637 ng

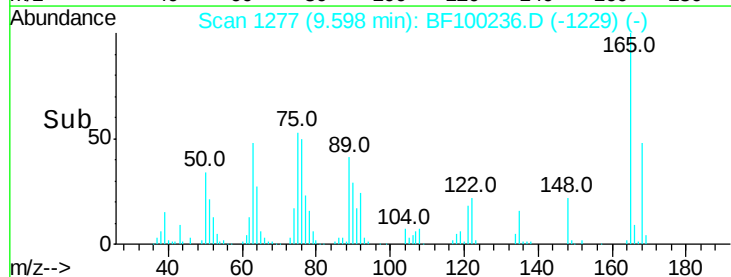
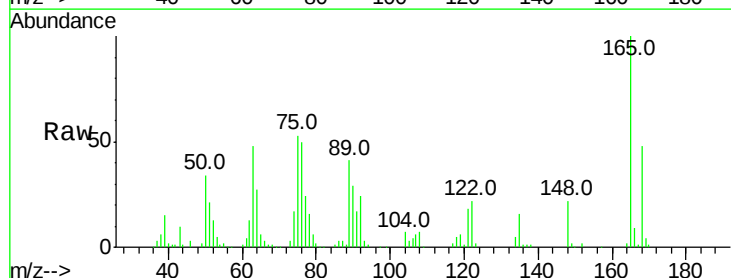
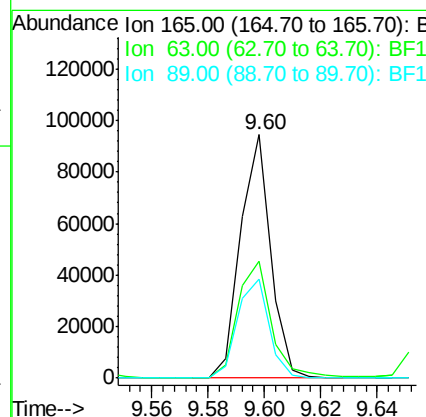
RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion:	165	Resp:	69783
Ion Ratio	Lower	Upper	
165	100		
63	48.0	44.7	67.1
89	40.9	44.0	66.0#





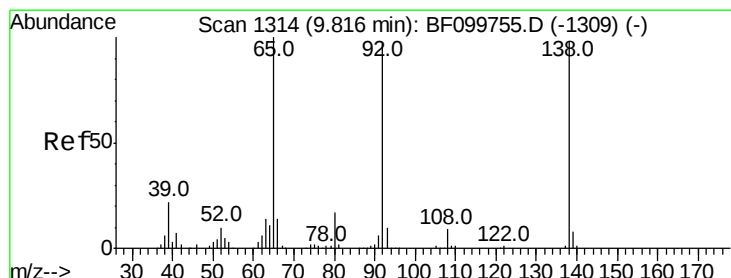
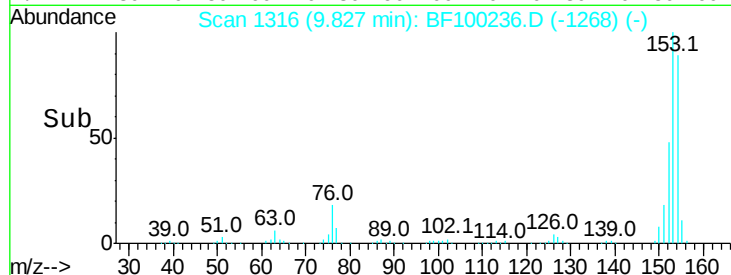
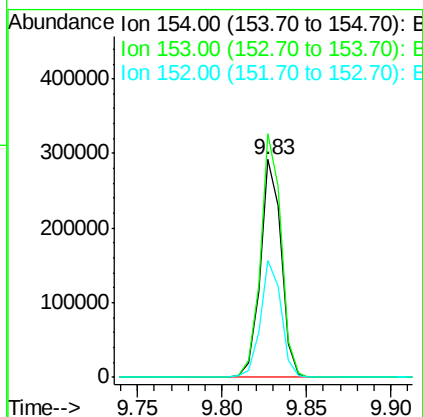
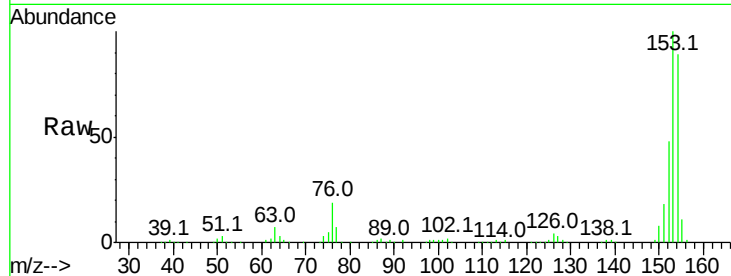
#51
Acenaphthene
Concen: 27.765 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.2	136.8
152	53.9	43.8	65.8

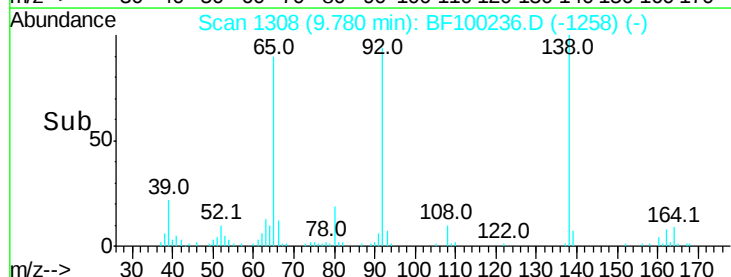
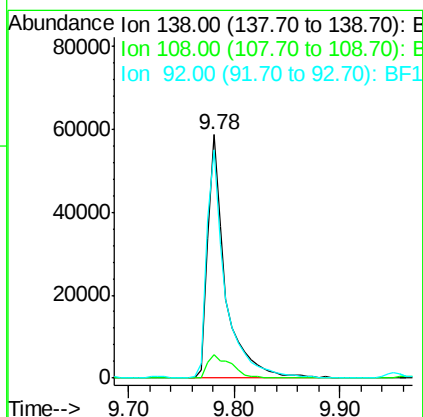
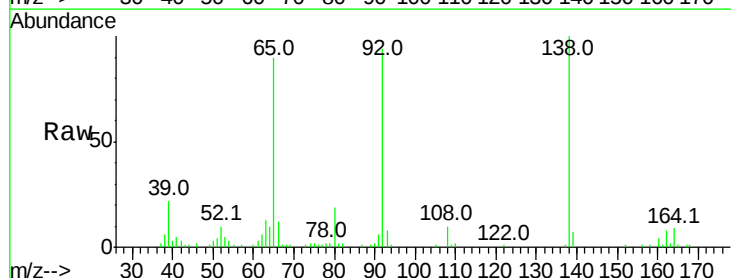
Manual Integrations
APPROVED

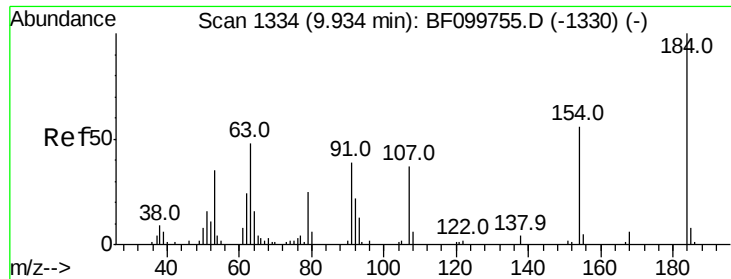
Sohil
11/6/2017 2:33:39 PM



#52
3-Nitroaniline
Concen: 23.796 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.4	14.0
92	93.9	89.4	134.2





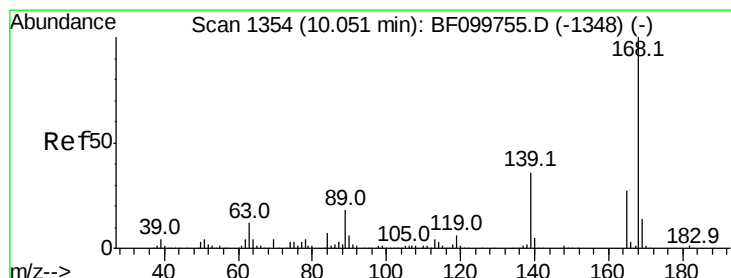
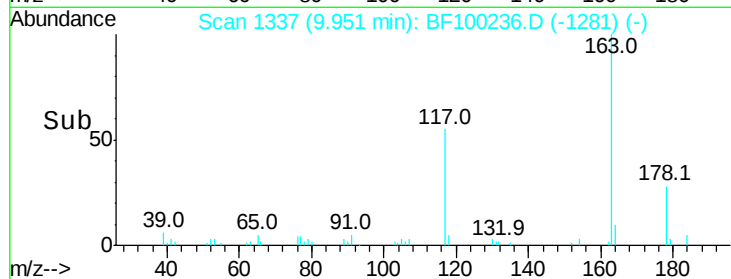
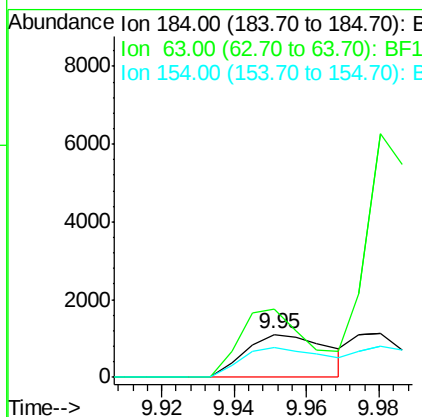
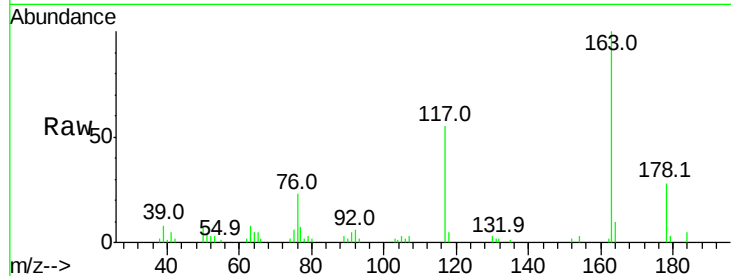
#53
 2,4-Dinitrophenol
 Concen: 7.447 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.03 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	158.8	54.2	81.2#
154	70.5	53.5	80.3

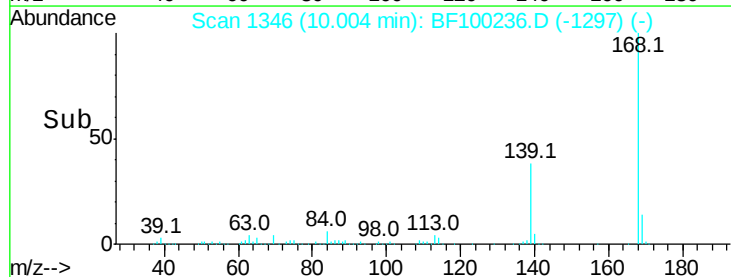
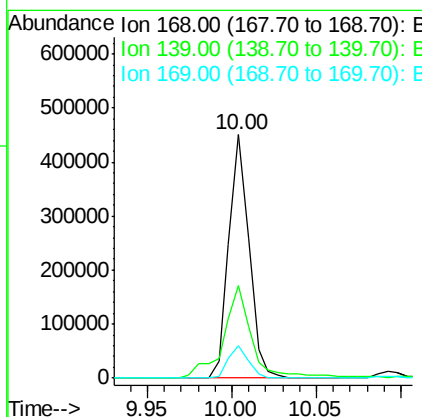
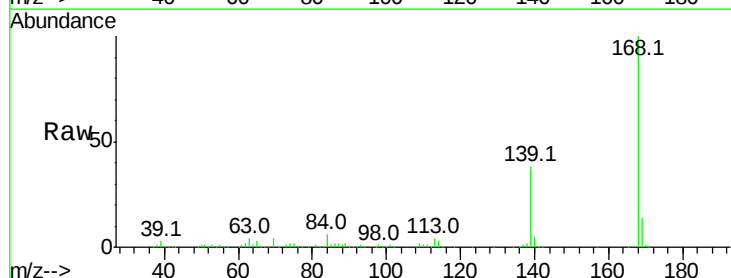
Manual Integrations
 APPROVED

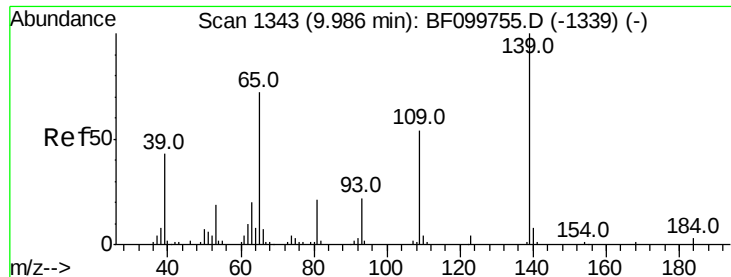
Sohil
 11/6/2017 2:33:39 PM



#54
 Dibenzofuran
 Concen: 29.428 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.5	10.9	16.3





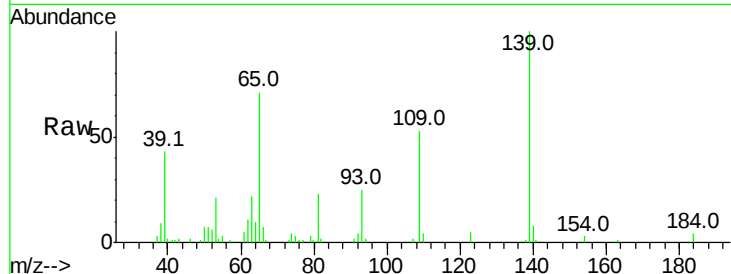
#55
4-Nitrophenol
Concen: 14.304 ng m
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.1	48.4	88.4
65	70.6	72.6	112.6

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM

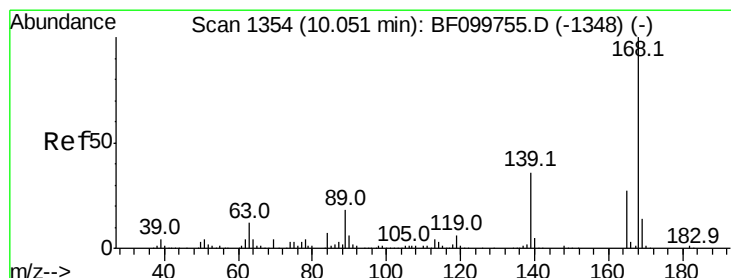
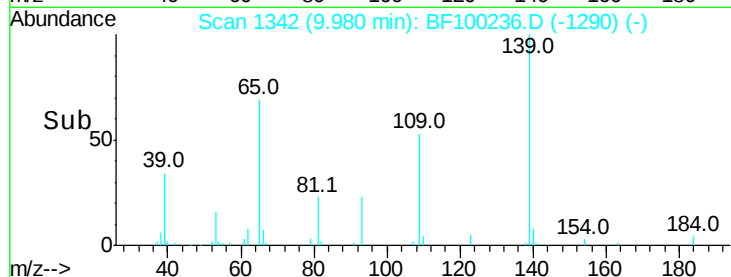
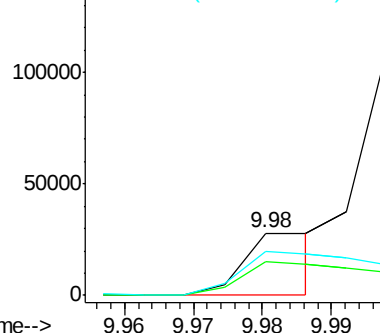


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 29.263 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.3	36.4	54.6
89	61.2	57.8	86.6
182	2.4	1.6	2.4

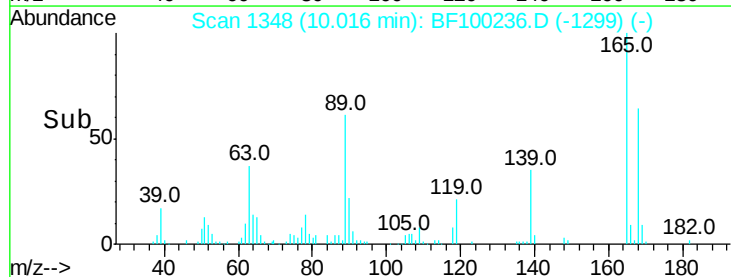
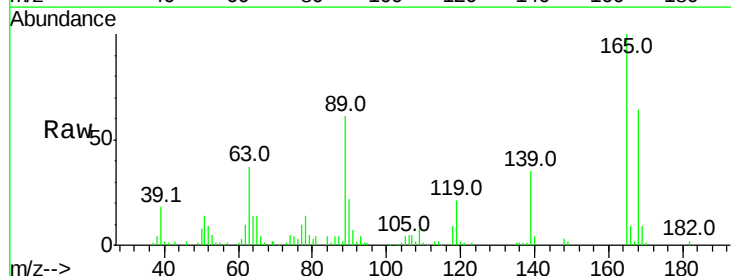
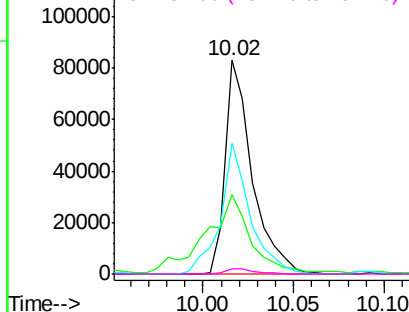
Abundance

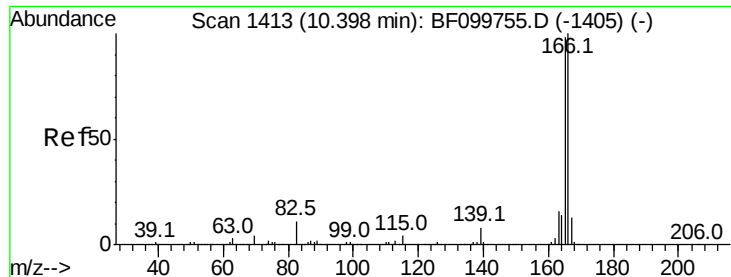
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 26.946 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

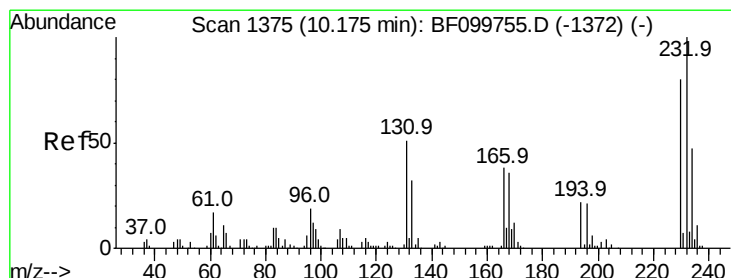
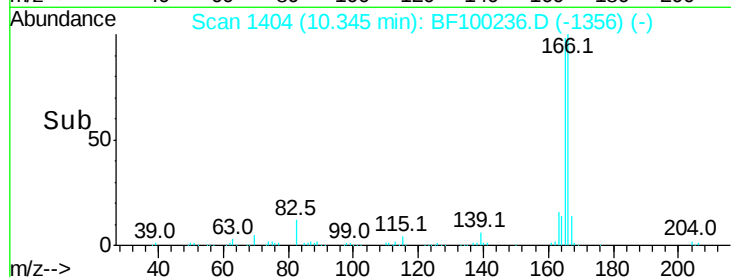
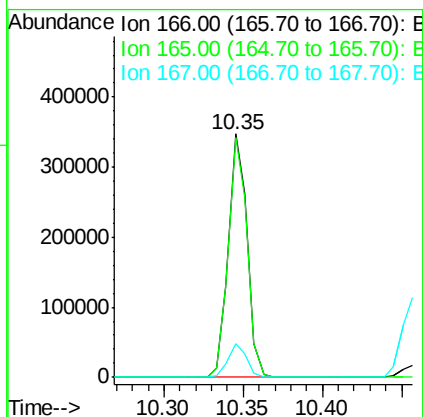
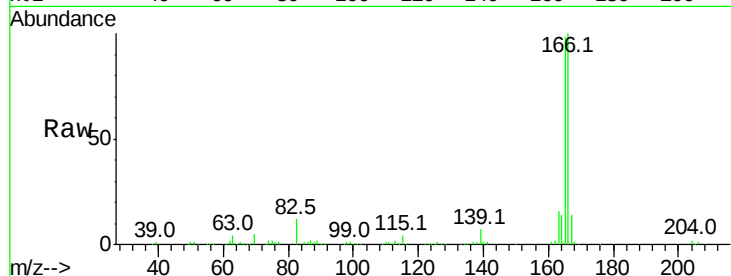
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	166	Resp:	285007
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.8	119.8
167	13.6	10.6	16.0

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.616 ng

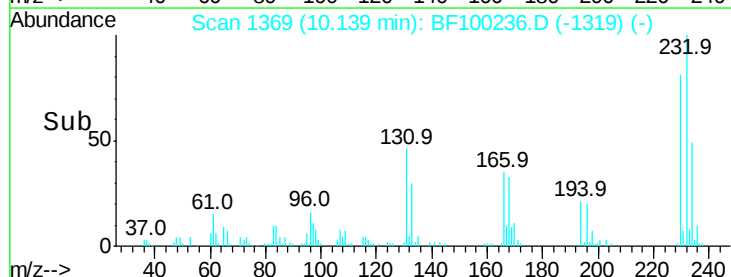
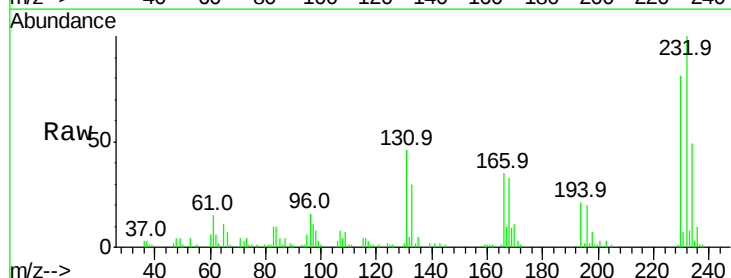
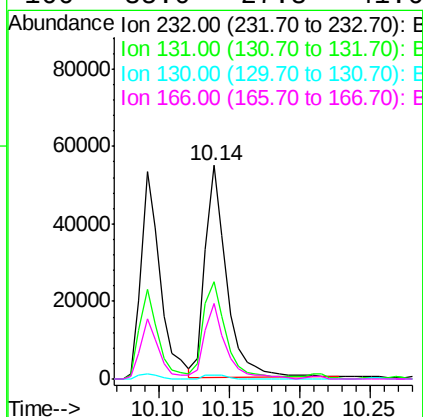
RT: 10.14 min Scan# 1369

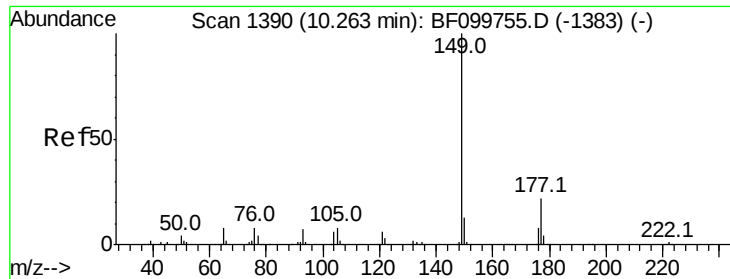
Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion:	232	Resp:	58755
Ion Ratio	Lower	Upper	
232	100		
131	49.3	43.8	65.8
130	1.9	2.1	3.1#
166	35.0	27.8	41.6





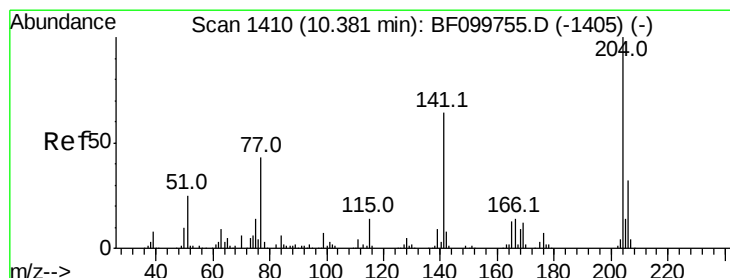
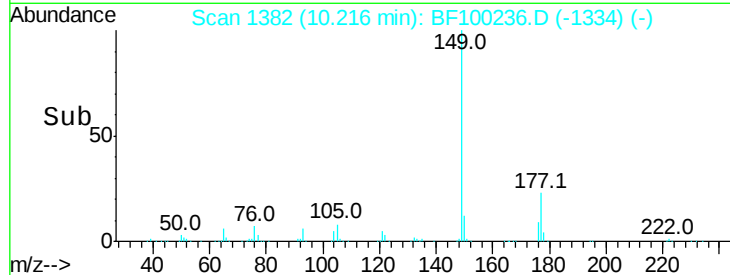
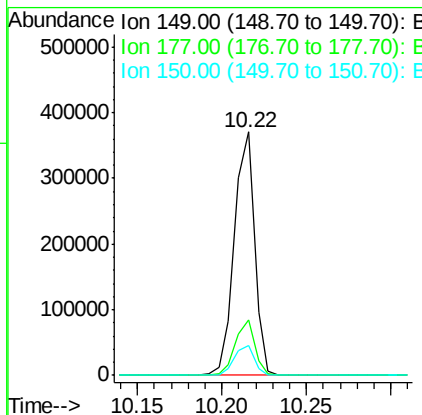
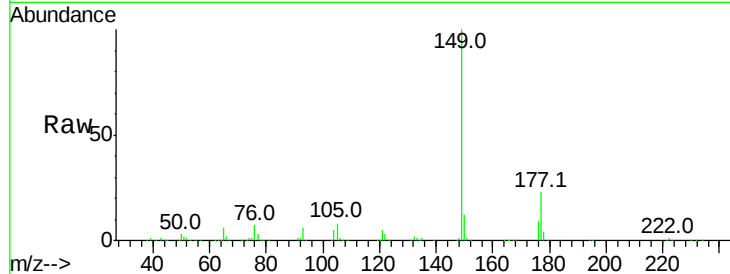
#59
 Diethylphthalate
 Concen: 27.290 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.02 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion:	149	Resp:	308913
Ion Ratio	Lower	Upper	
149	100		
177	22.6	16.1	24.1
150	12.2	10.1	15.1

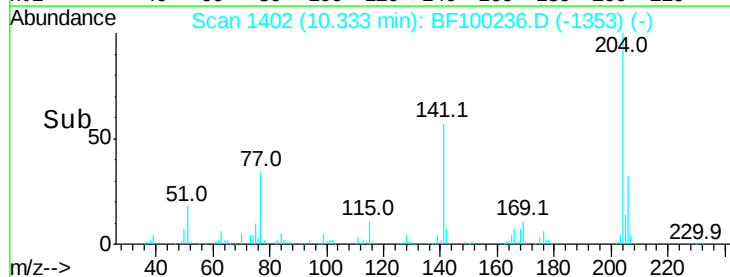
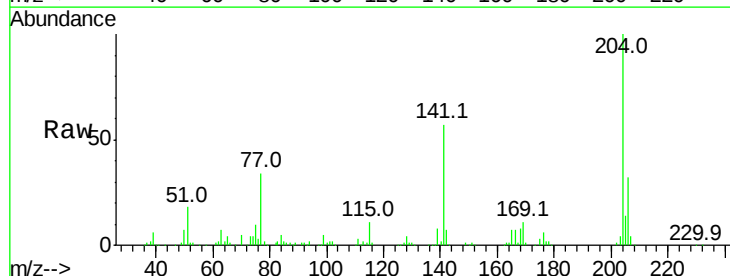
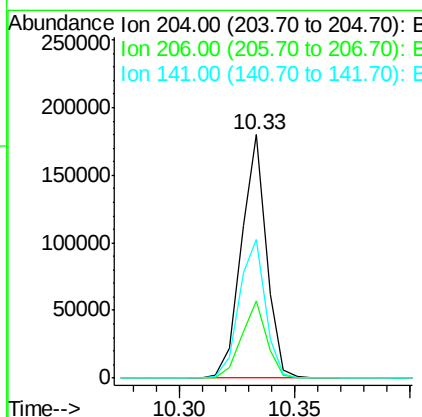
Manual Integrations
 APPROVED

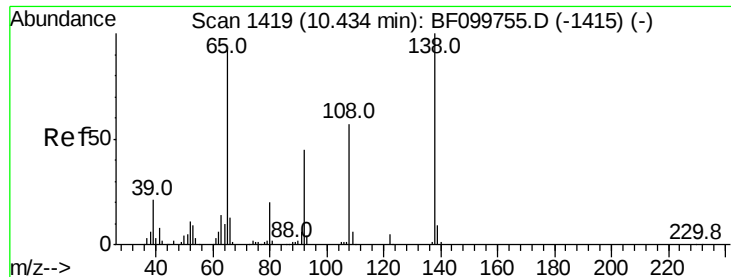
Sohil
 11/6/2017 2:33:39 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 27.352 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion:	204	Resp:	136157
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.5	39.7
141	56.7	54.6	81.8





#61

4-Nitroaniline

Concen: 22.765 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

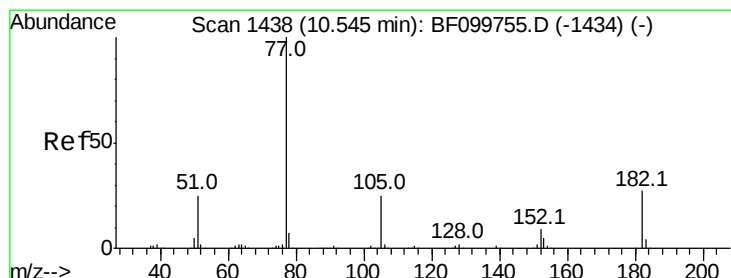
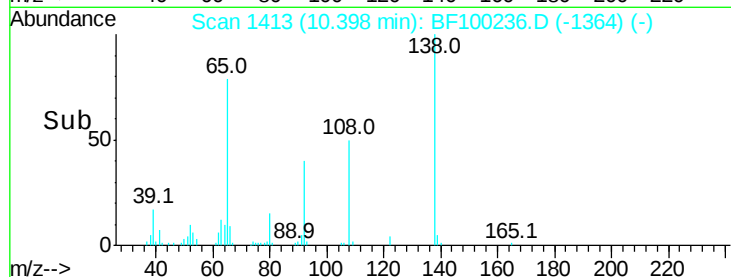
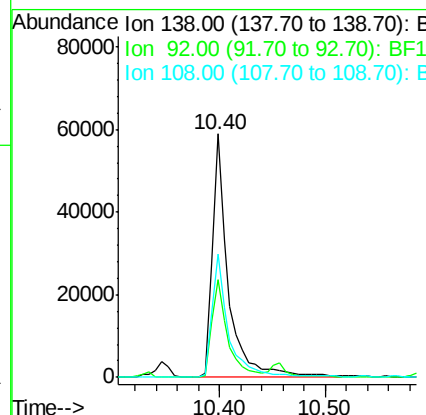
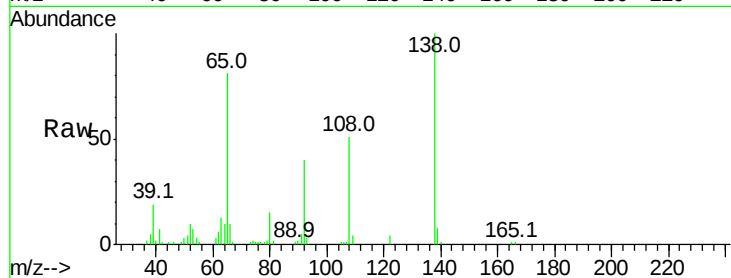
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.3	30.2	70.2
108	50.8	52.5	92.5#

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#62

Azobenzene

Concen: 26.603 ng

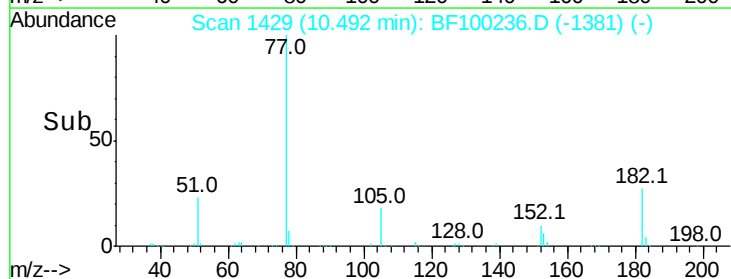
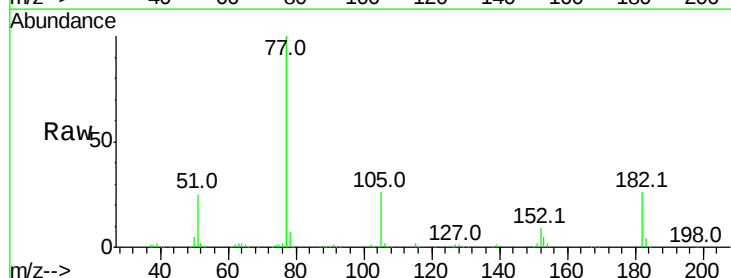
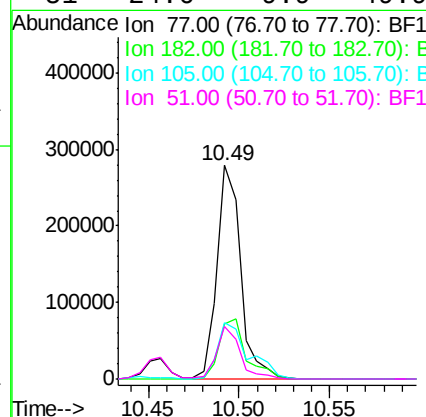
RT: 10.49 min Scan# 1429

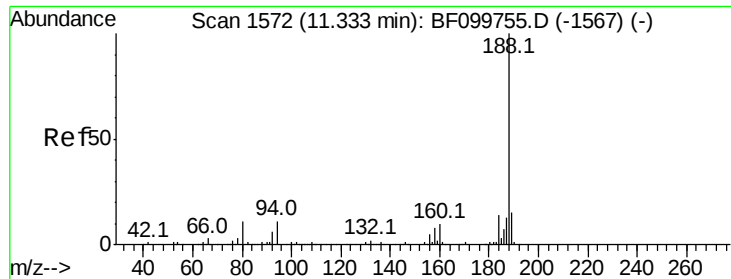
Delta R.T. -0.02 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	1.7	41.7
105	26.1	3.0	43.0
51	24.6	9.9	49.9





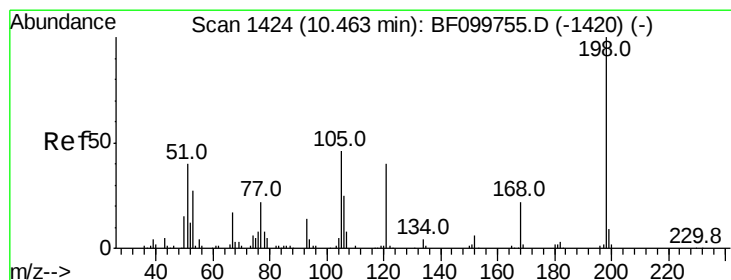
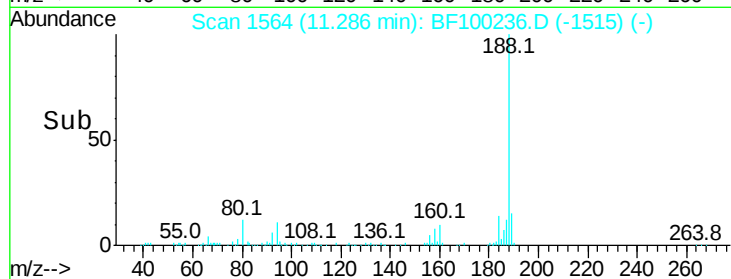
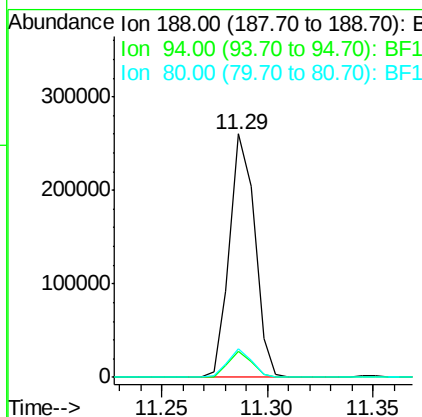
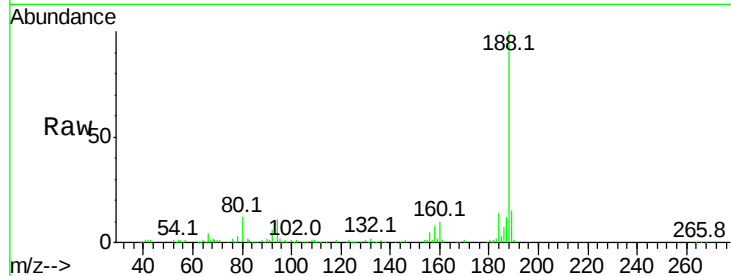
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	215266		
94	10.9		8.5	12.7
80	11.7		9.2	13.8

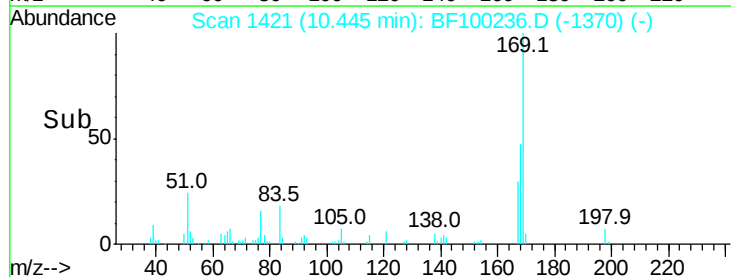
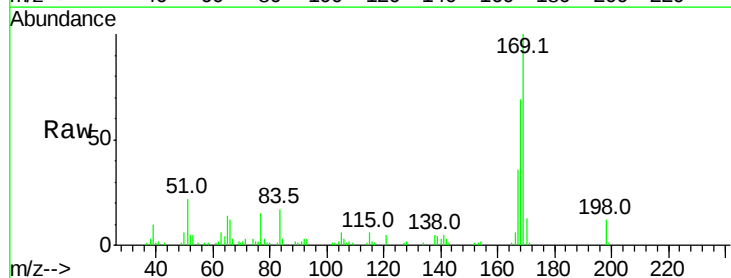
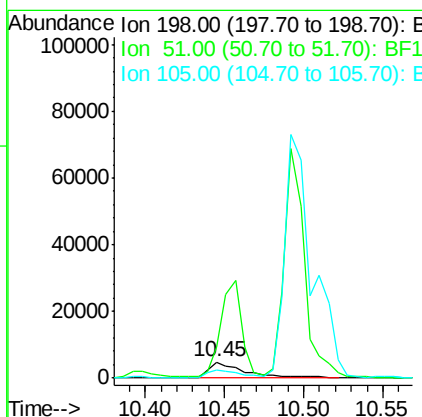
Manual Integrations
APPROVED

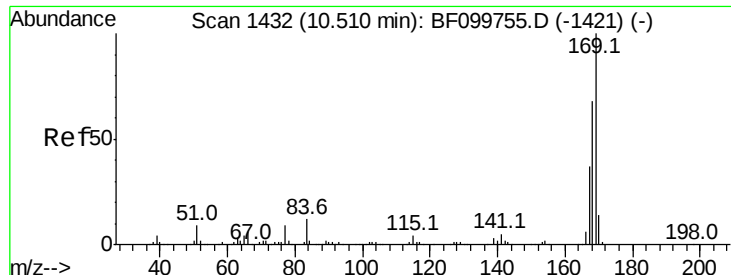
Sohil
11/6/2017 2:33:39 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 5.635 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	7625		
51	188.9		37.7	77.7#
105	52.8		36.3	76.3





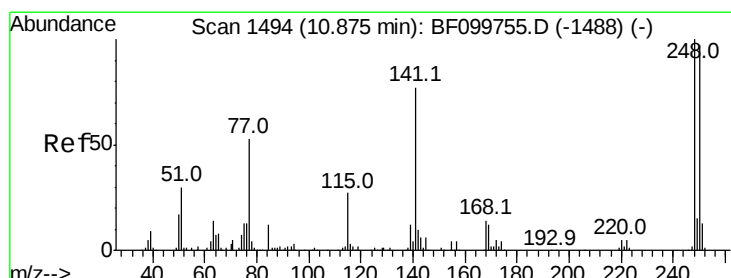
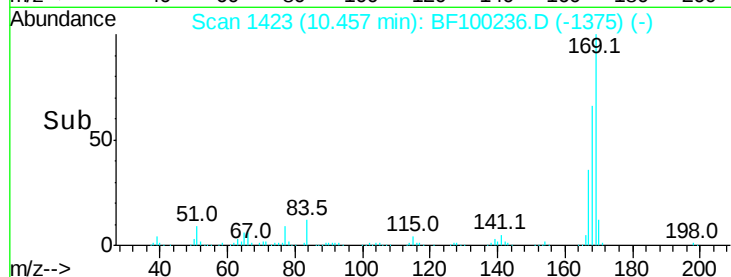
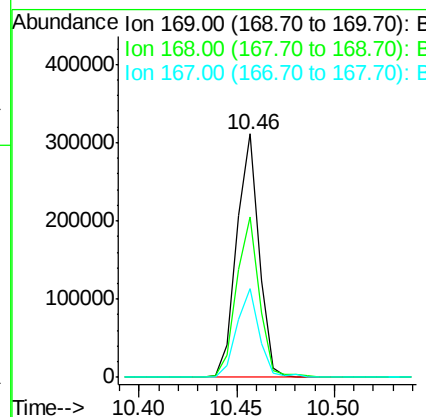
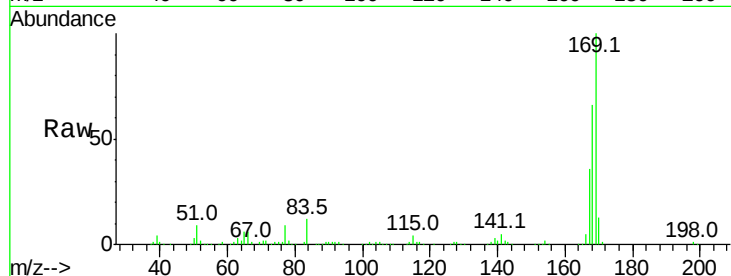
#65
 n-Nitrosodiphenylamine
 Concen: 31.101 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	247145		
168	65.7	54.4	81.6	
167	36.4	29.8	44.6	

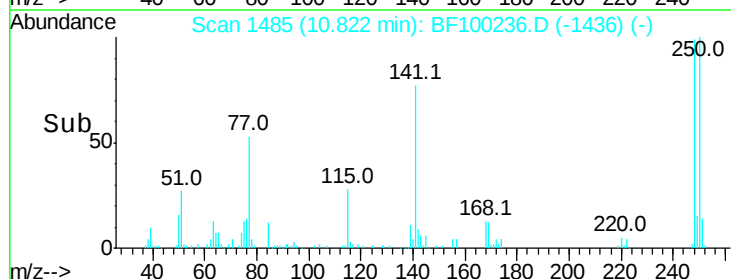
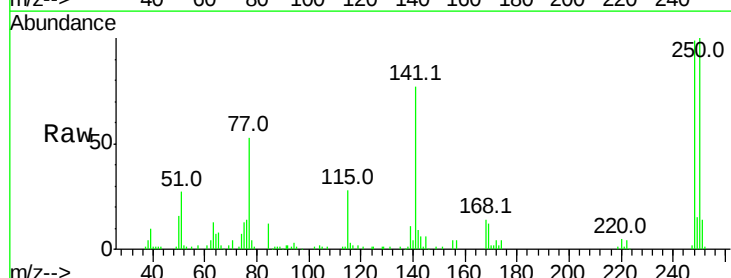
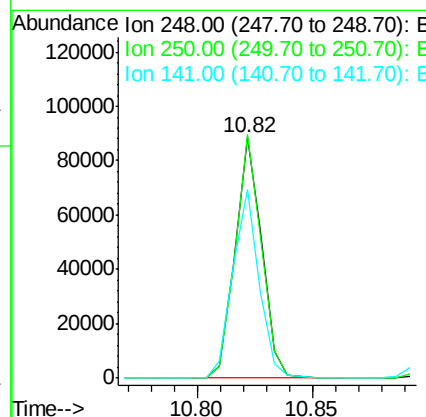
Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:33:39 PM



#66
 4-Bromophenyl-phenylether
 Concen: 31.326 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	70992		
250	101.2	76.9	115.3	
141	78.3	74.4	111.6	





#67

Hexachlorobenzene

Concen: 29.707 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

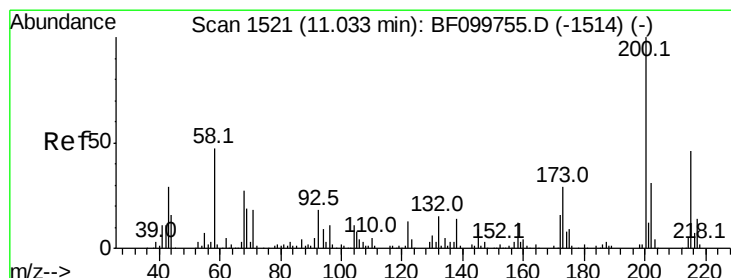
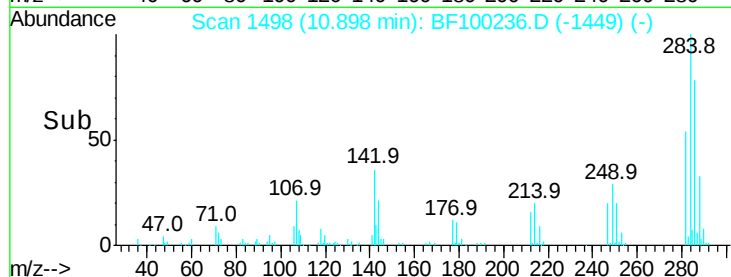
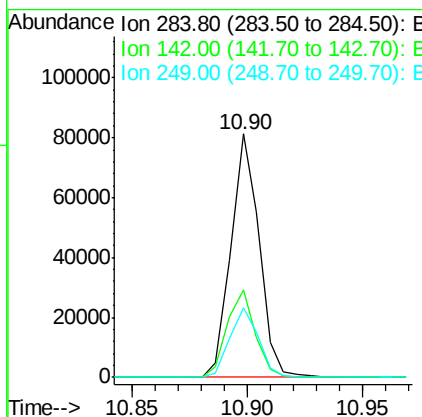
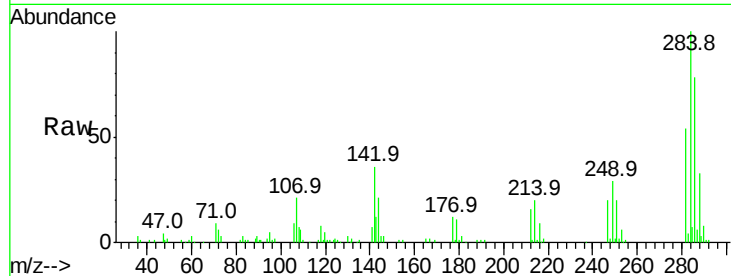
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	284	Resp:	68875
Ion Ratio	Lower	Upper	
284	100		
142	36.1	34.6	52.0
249	28.8	24.8	37.2

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#68

Atrazine

Concen: 28.773 ng

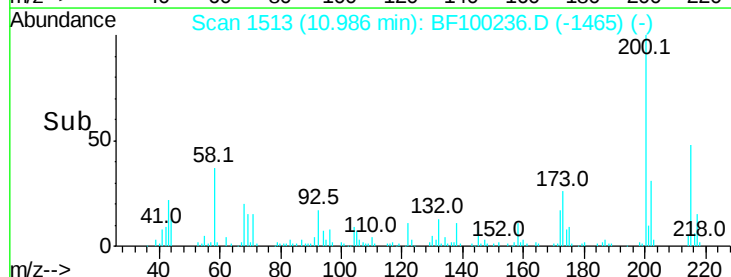
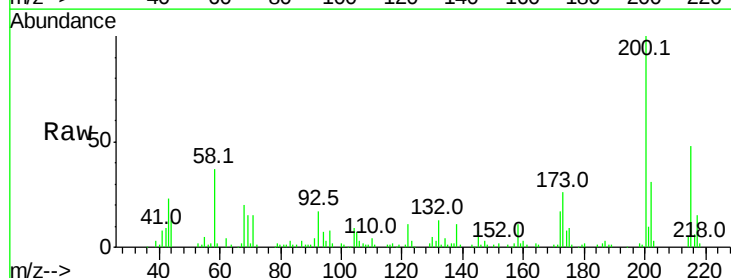
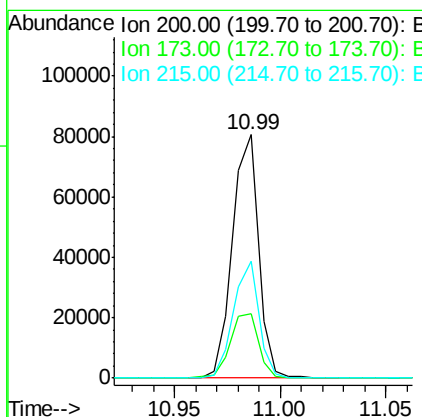
RT: 10.99 min Scan# 1513

Delta R.T. -0.02 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion:	200	Resp:	68681
Ion Ratio	Lower	Upper	
200	100		
173	26.4	8.6	48.6
215	48.2	25.1	65.1





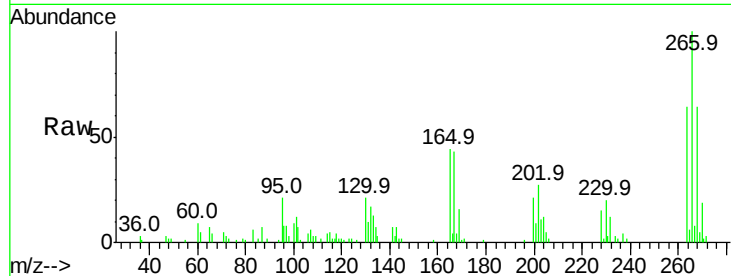
#69
 Pentachlorophenol
 Concen: 42.525 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

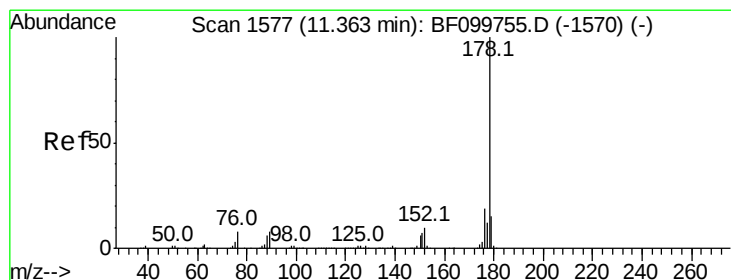
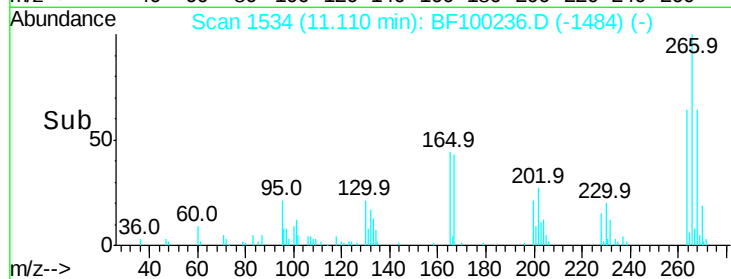
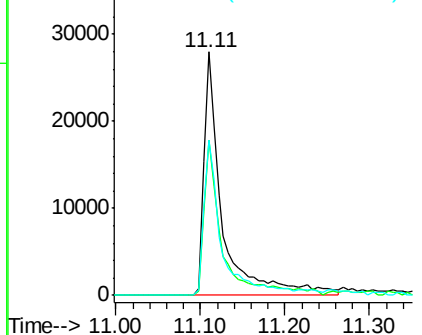
Tot Ion	Ratio	Resp	Lower	Upper
266	100	42129		
268	63.9		51.1	76.7
264	63.6		49.5	74.3

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:33:39 PM

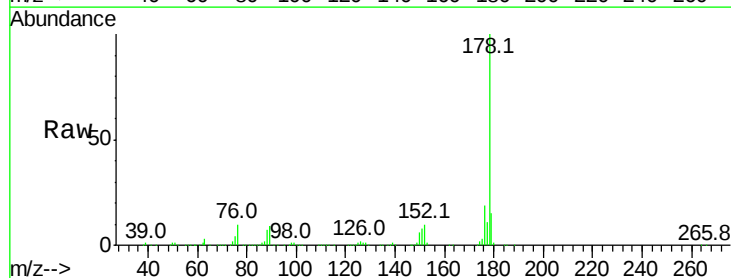


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

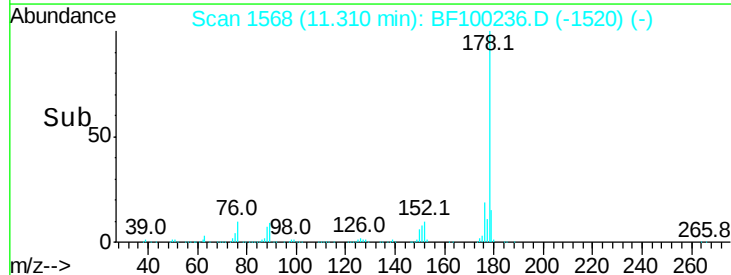
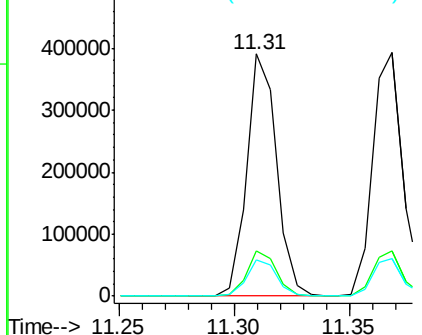


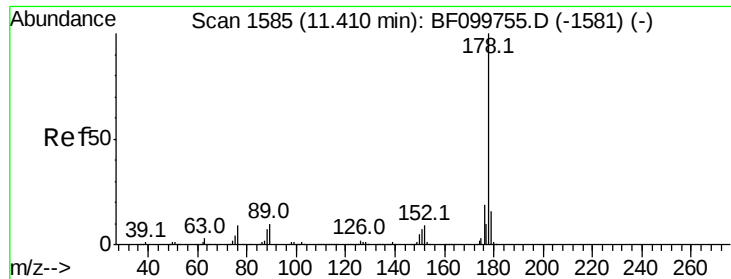
#70
 Phenanthrene
 Concen: 29.021 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	352559		
176	19.0		15.8	23.8
179	15.2		13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





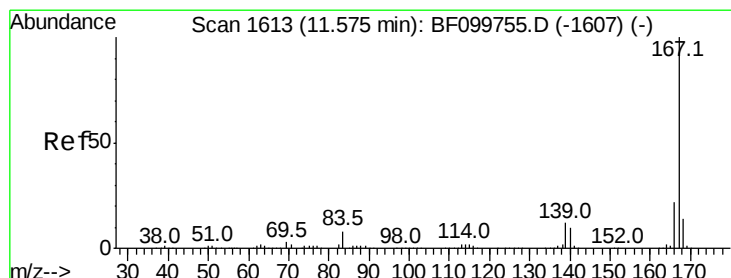
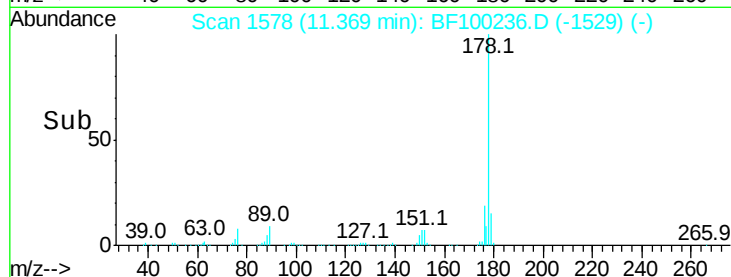
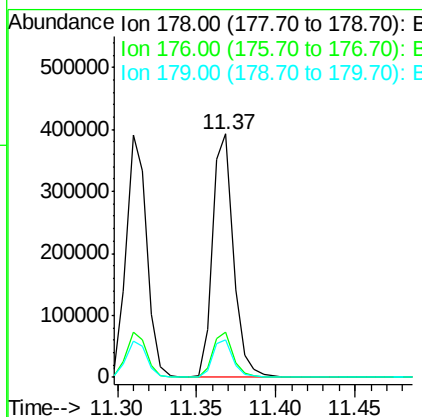
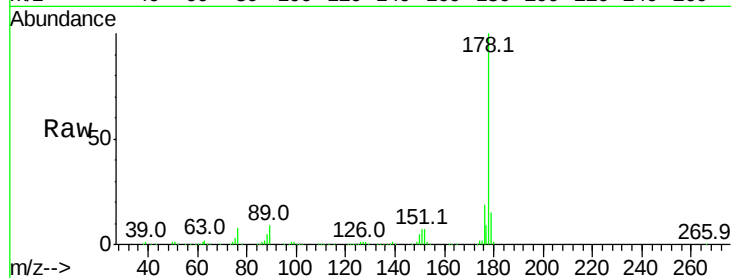
#71
 Anthracene
 Concen: 29.344 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.6	19.0

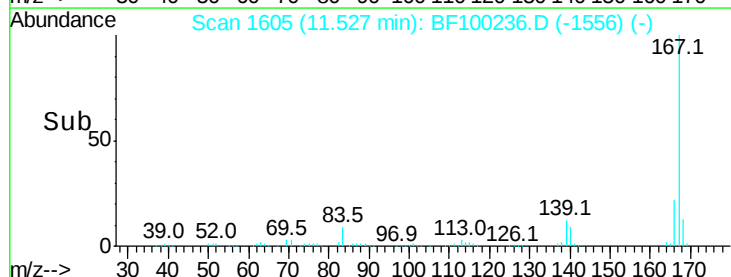
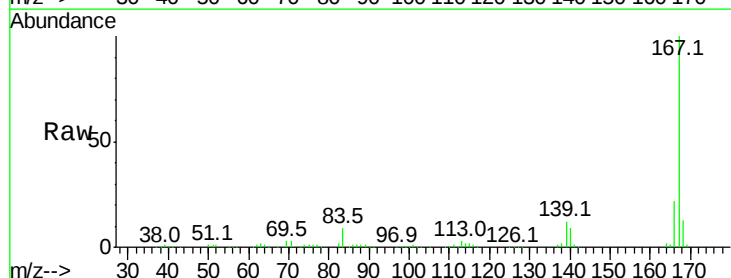
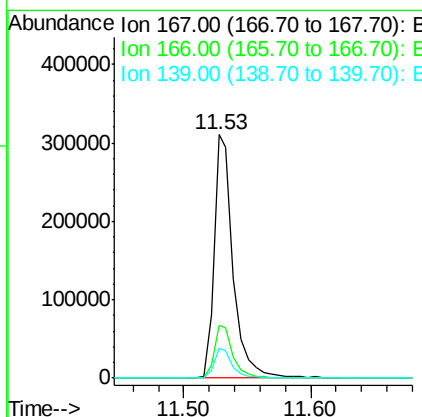
Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:33:39 PM



#72
 Carbazole
 Concen: 28.305 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.1	10.9	16.3





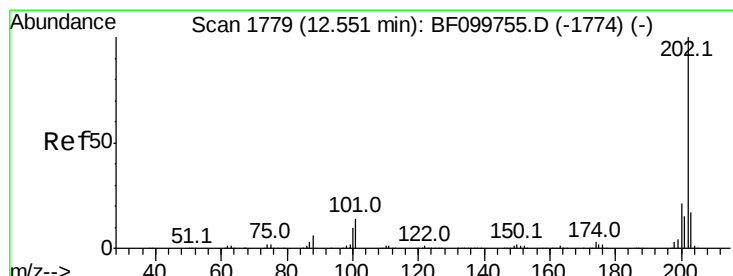
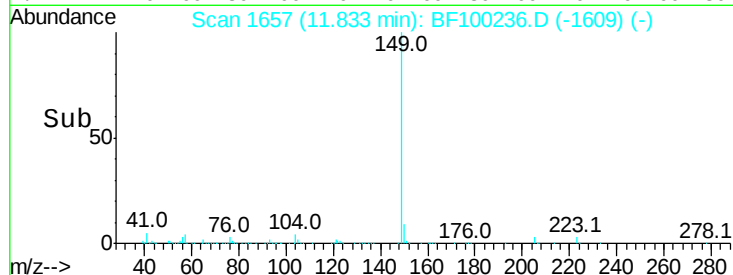
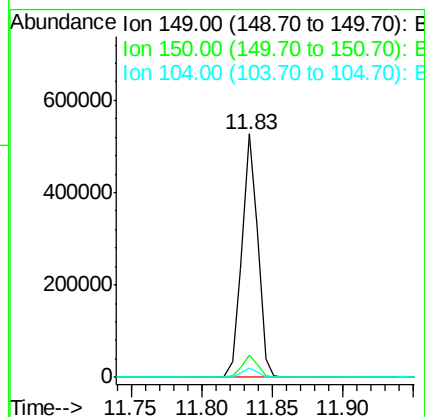
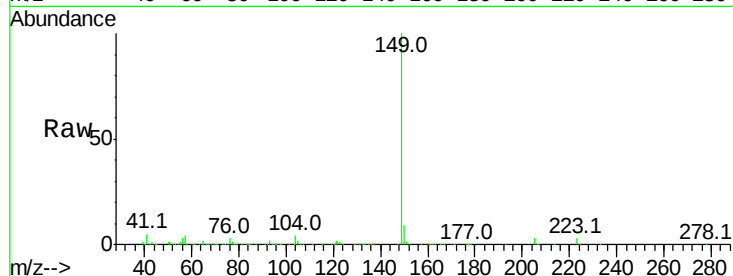
#73
Di-n-butylphthalate
Concen: 27.907 ng
RT: 11.83 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion:	149	Resp:	412759
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	3.8	3.8	5.8#

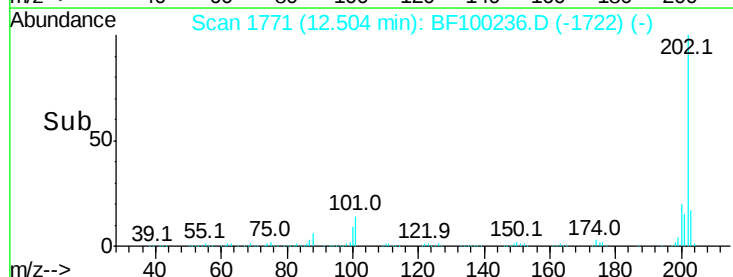
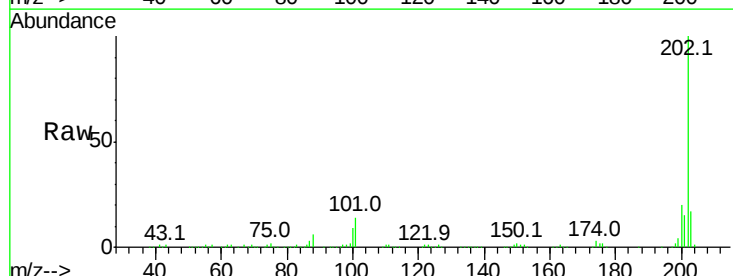
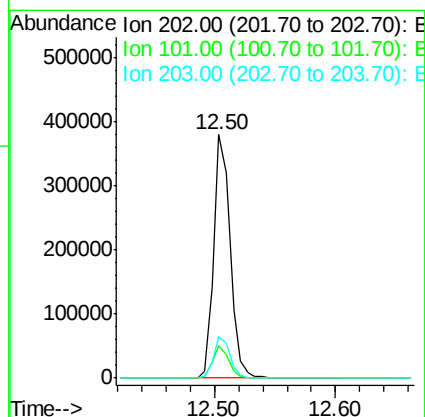
Manual Integrations
APPROVED

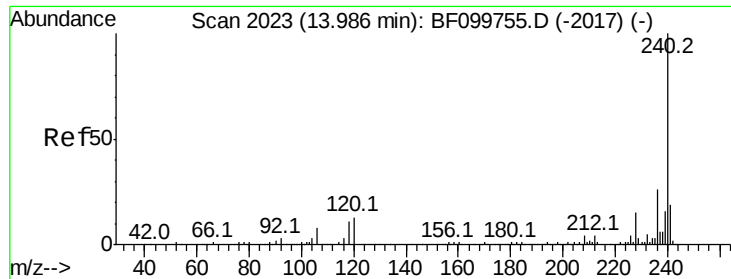
Sohil
11/6/2017 2:33:39 PM



#74
Fluoranthene
Concen: 28.076 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion:	202	Resp:	354457
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	34.1
203	16.7	0.0	38.1





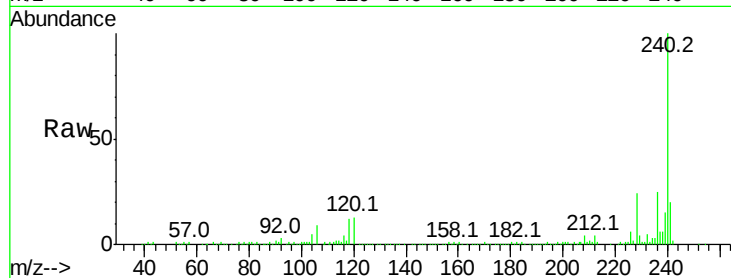
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM

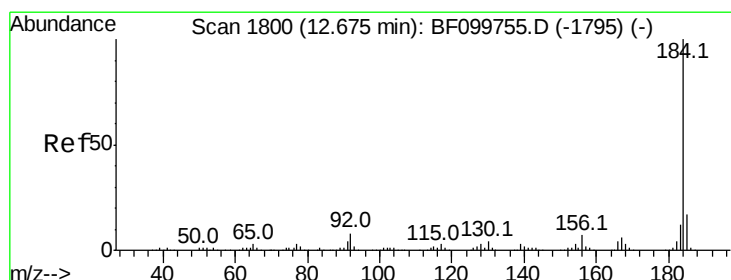
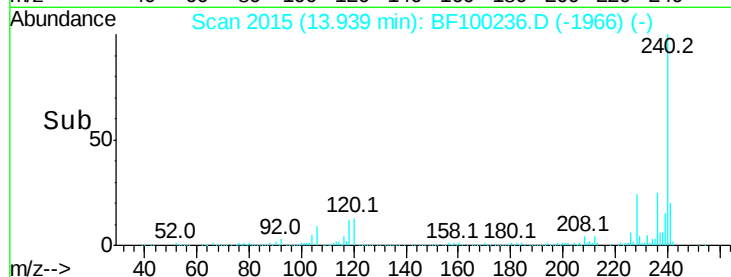
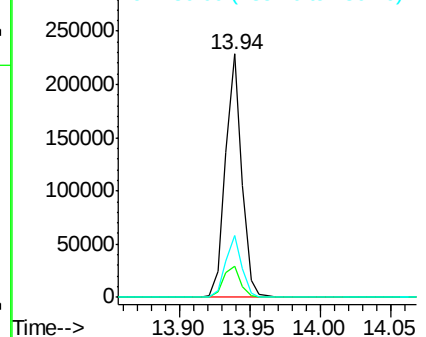


Abundance

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: 8.701 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

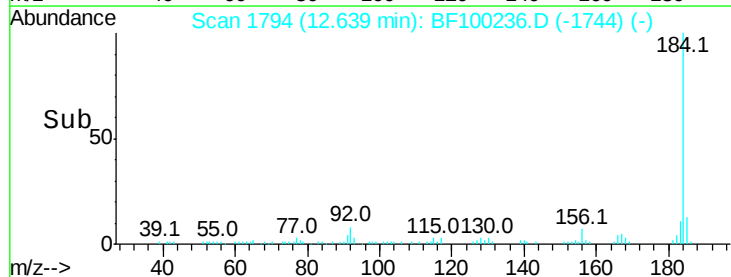
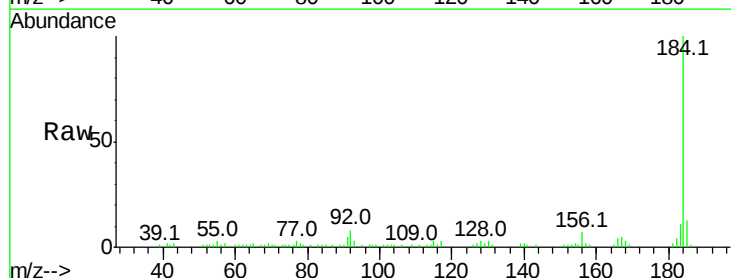
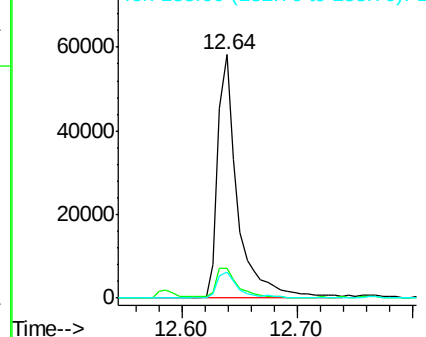
Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.5	12.6	18.8#
183	10.8	9.3	13.9

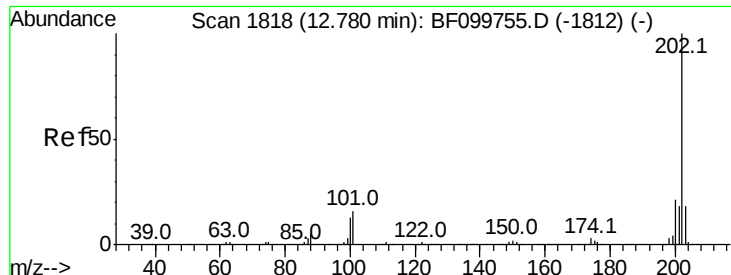
Abundance

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





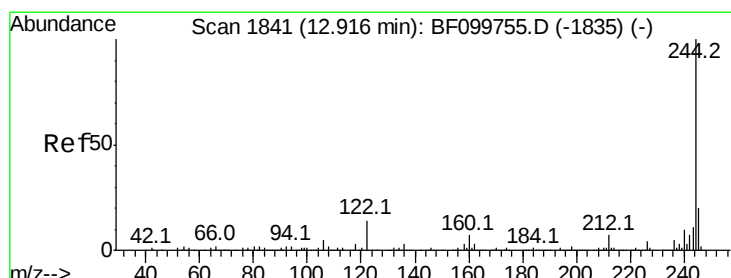
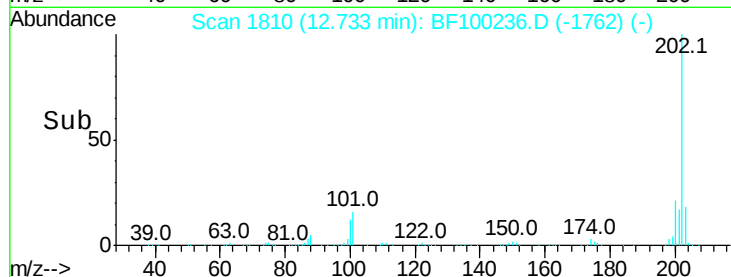
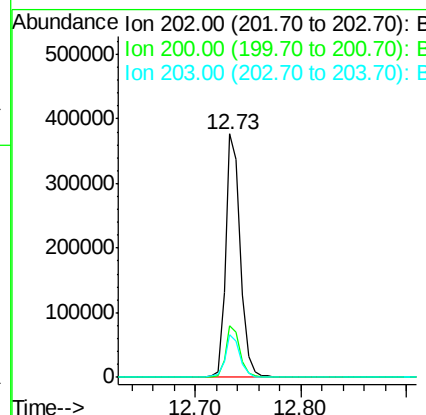
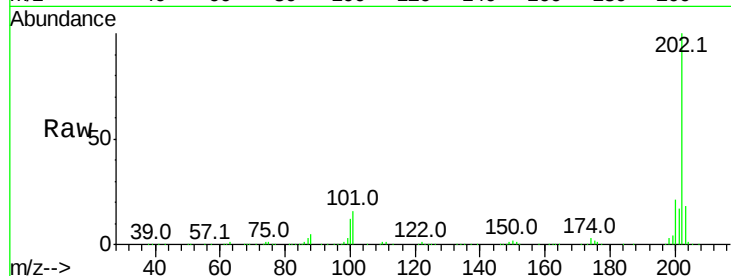
#77
Pvrene
Concen: 26.289 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	366698		
200	21.1		17.4	26.2
203	17.5		14.3	21.5

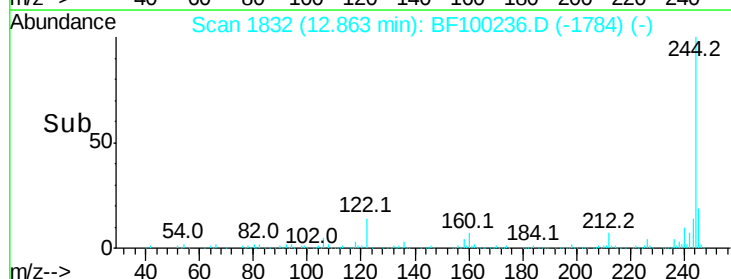
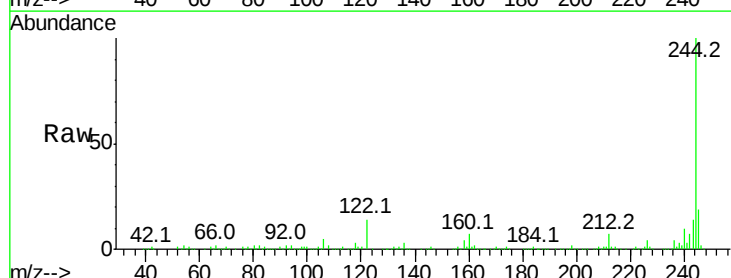
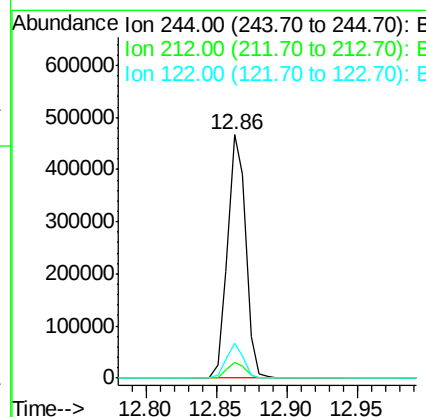
Manual Integrations
APPROVED

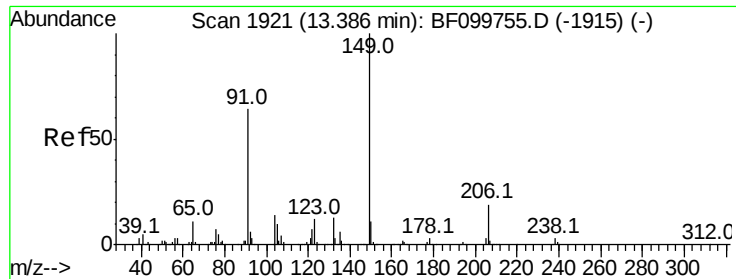
Sohil
11/6/2017 2:33:39 PM



#78
Terphenyl-d14
Concen: 49.593 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	416294		
212	6.6		5.4	8.0
122	14.2		11.0	16.4





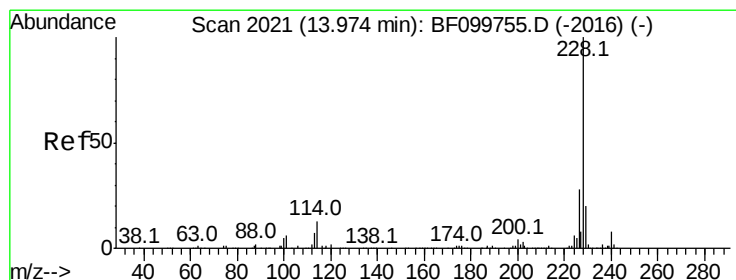
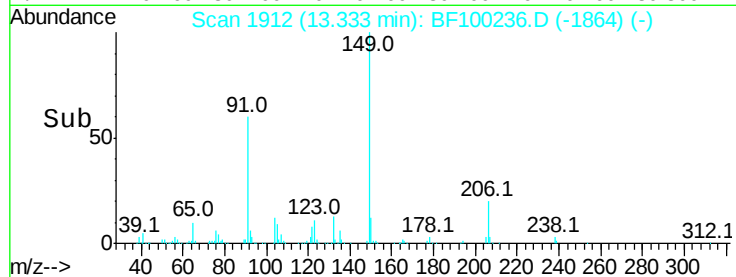
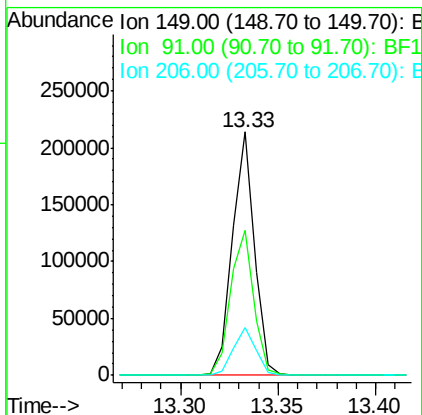
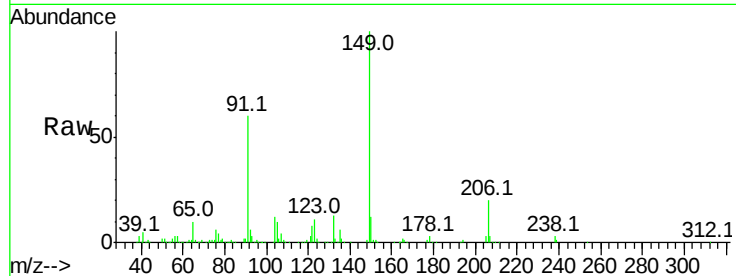
#79
Butylbenzylphthalate
Concen: 24.464 ng
RT: 13.33 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	59.8	56.8	85.2
206	19.8	14.1	21.1

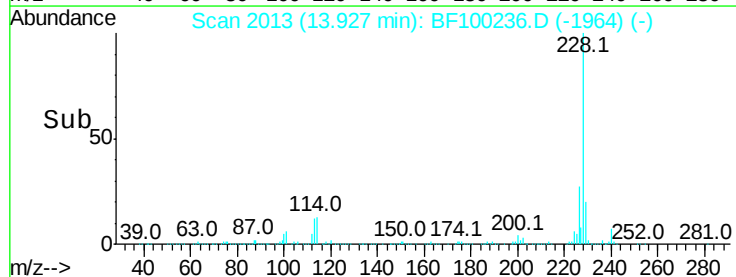
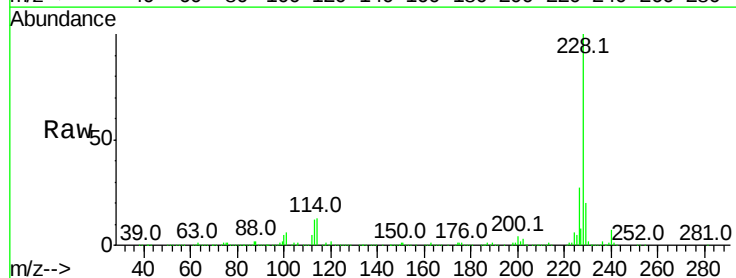
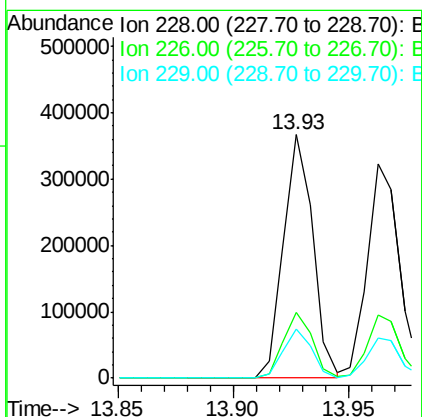
Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#80
Benzo(a)anthracene
Concen: 27.550 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	15.8	23.6





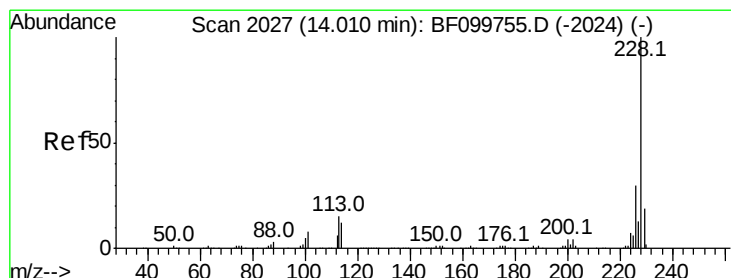
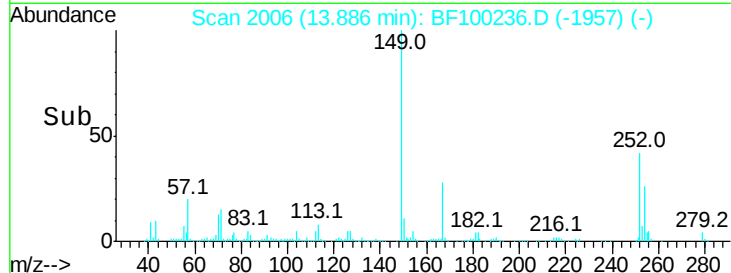
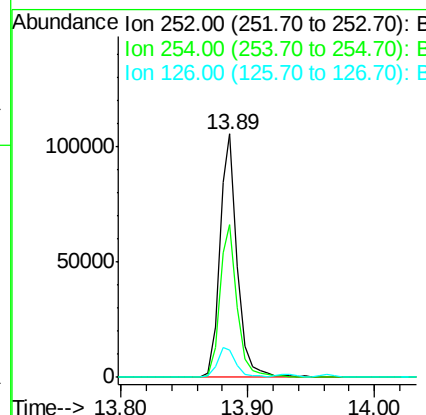
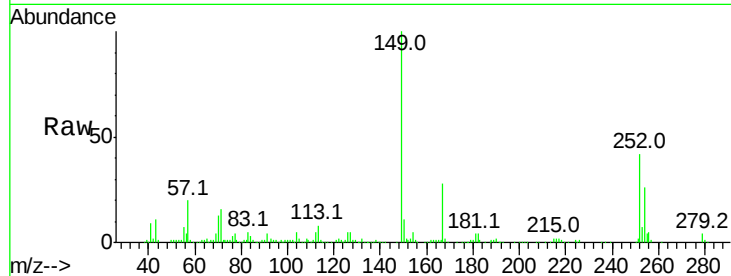
#81
 3,3'-Dichlorobenzidine
 Concen: 24.148 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	11.2	11.3	16.9

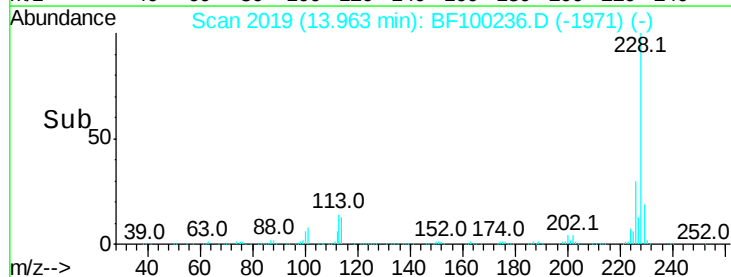
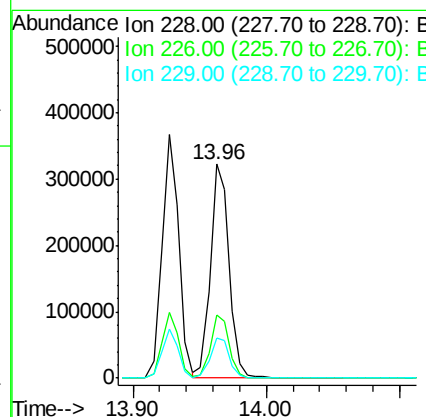
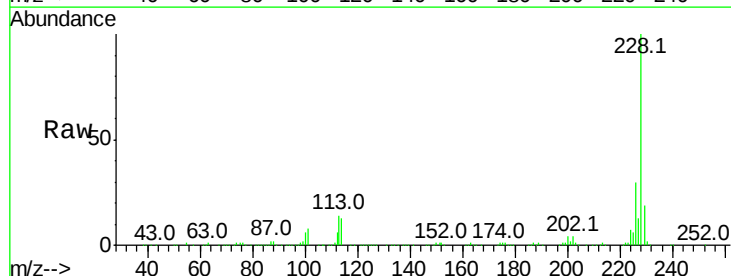
Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:33:39 PM



#82
 Chrysene
 Concen: 28.626 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	18.9	16.2	24.4





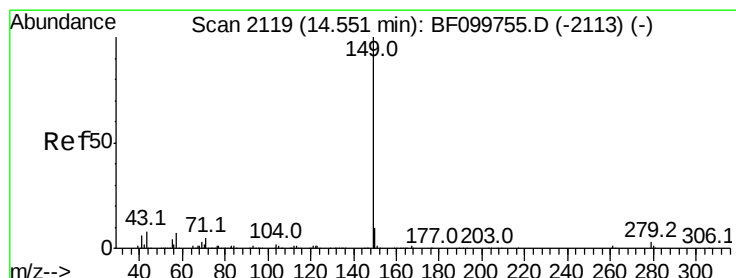
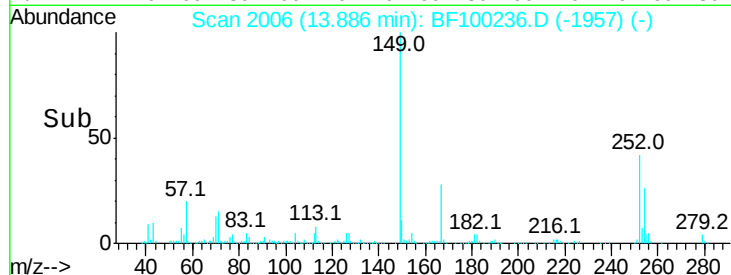
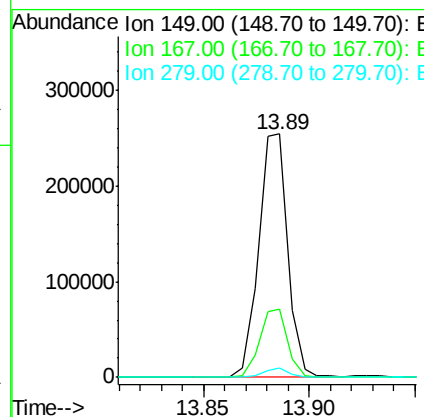
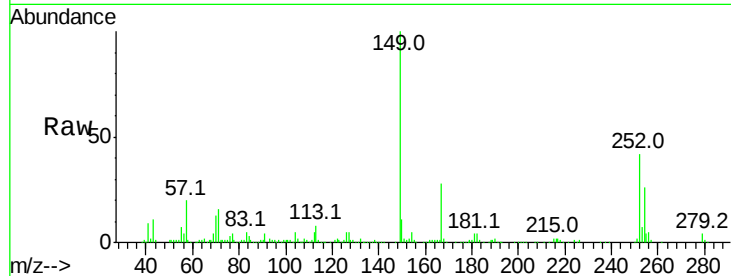
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.128 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 P002-S002-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	242385		
167	28.1	21.3	31.9	
279	3.9	3.0	4.4	

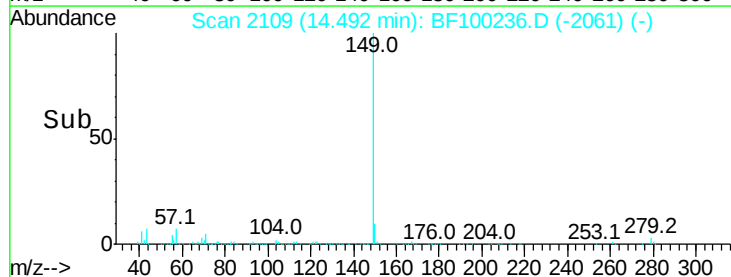
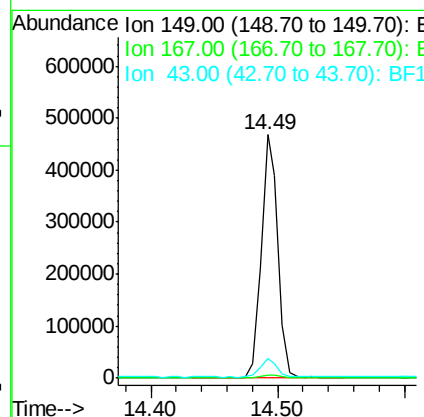
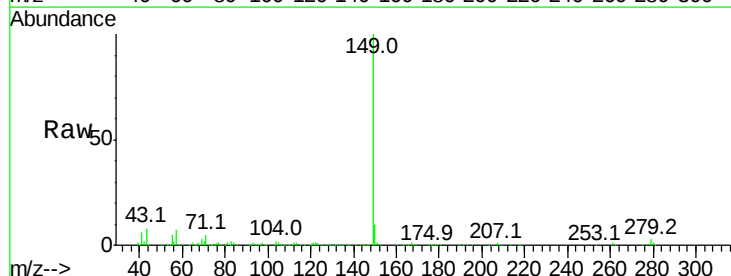
Manual Integrations
 APPROVED

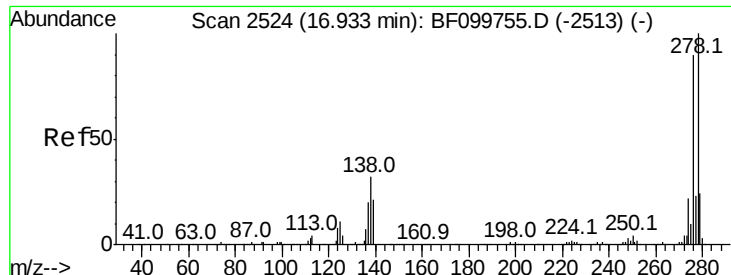
Sohil
 11/6/2017 2:33:39 PM



#84
 Di-n-octyl phthalate
 Concen: 25.915 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BF100236.D
 Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	429048		
167	1.9	1.2	1.8#	
43	7.6	8.4	12.6#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.379 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.02 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

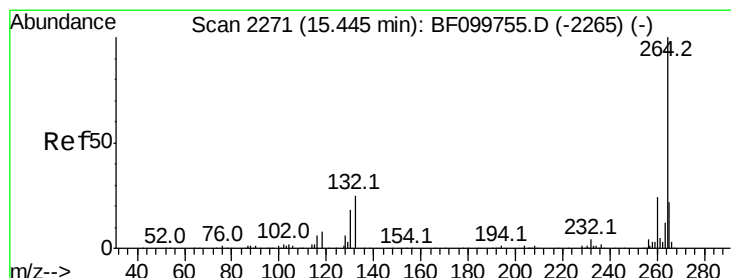
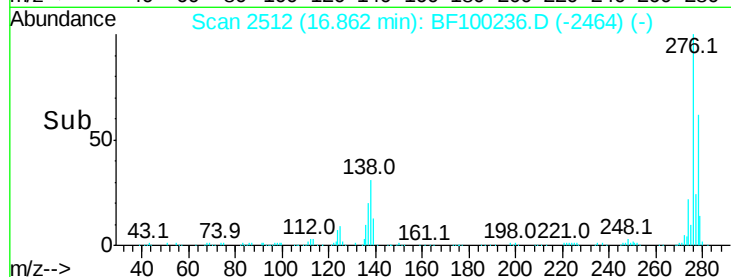
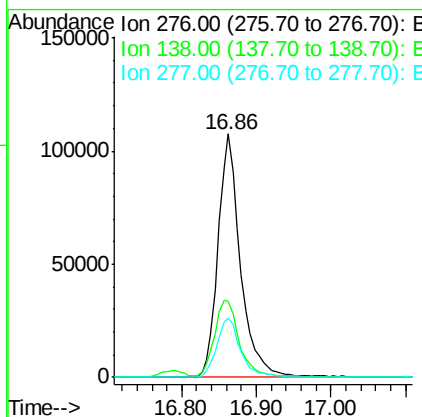
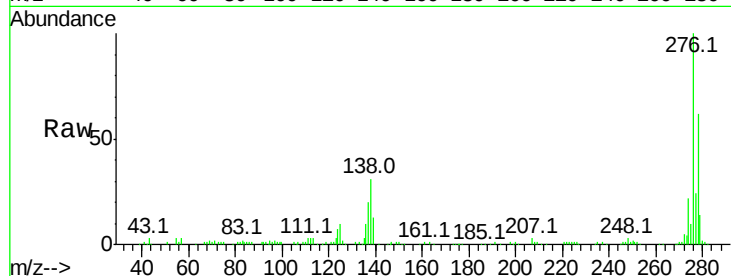
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	276	Resp:	224608
Ion Ratio	Lower	Upper	
276	100		
138	33.8	25.0	37.6
277	25.4	20.1	30.1

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#86

Perylene-d12

Concen: 20.000 ng

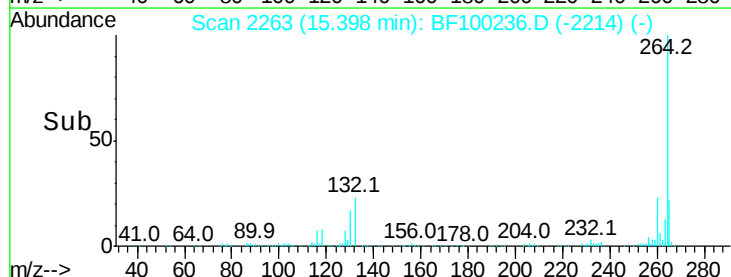
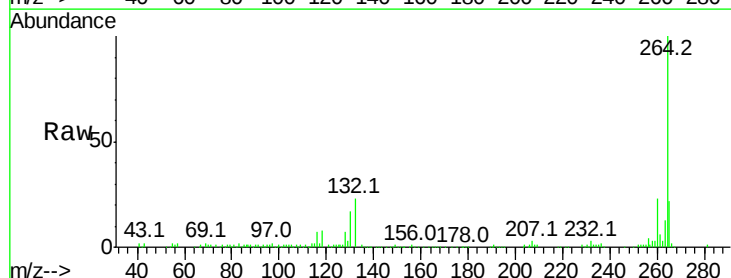
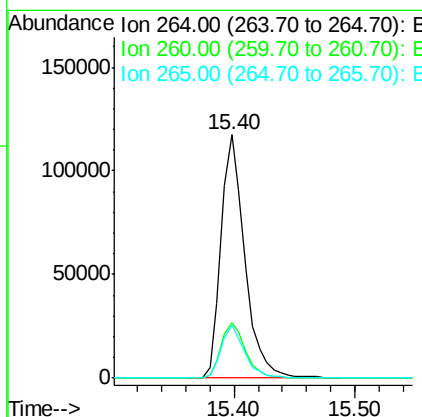
RT: 15.40 min Scan# 2263

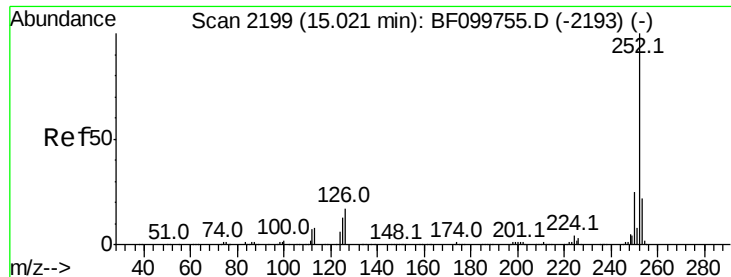
Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion:	264	Resp:	160094
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 27.655 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

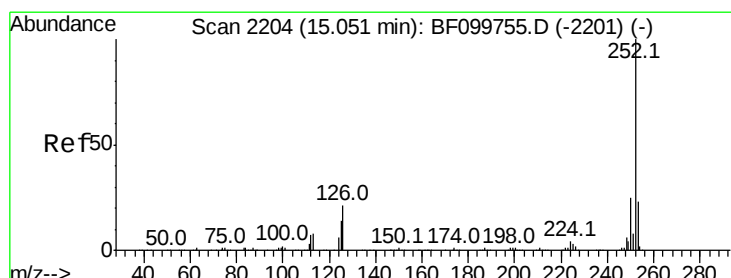
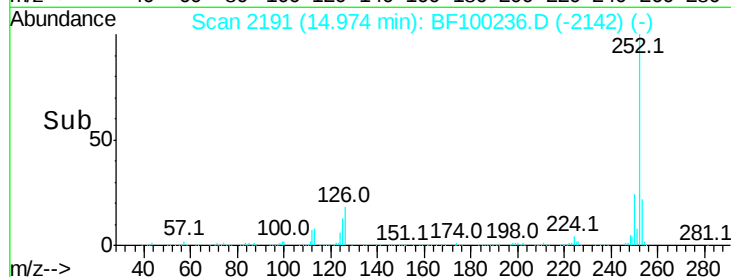
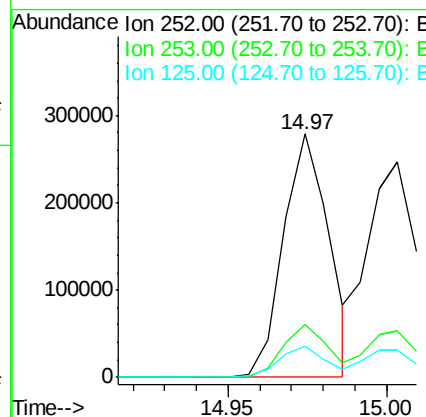
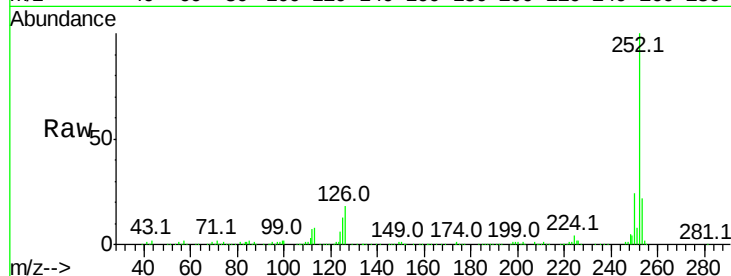
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	252	Resp:	279567
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	12.8	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 PM



#88

Benzo(k)fluoranthene

Concen: 30.404 ng

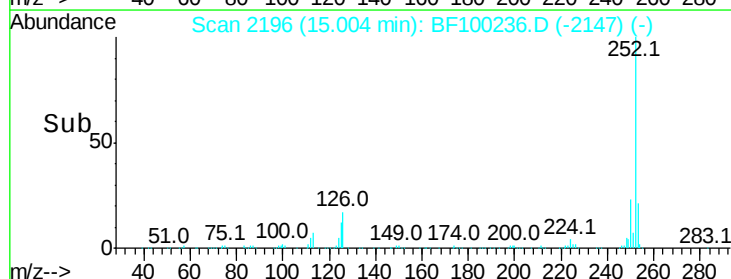
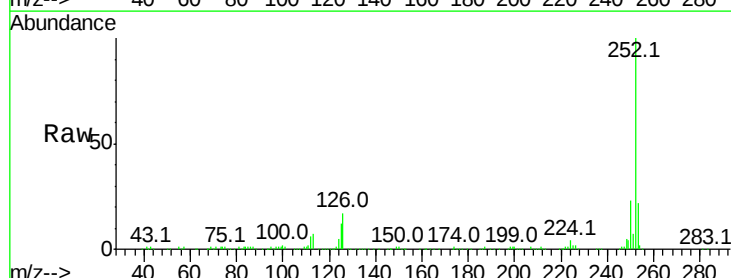
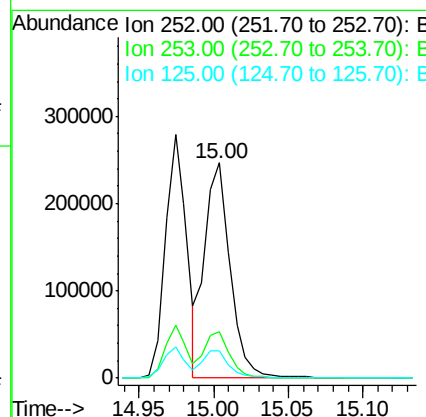
RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Tgt Ion:	252	Resp:	289828
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	12.4	10.2	15.2





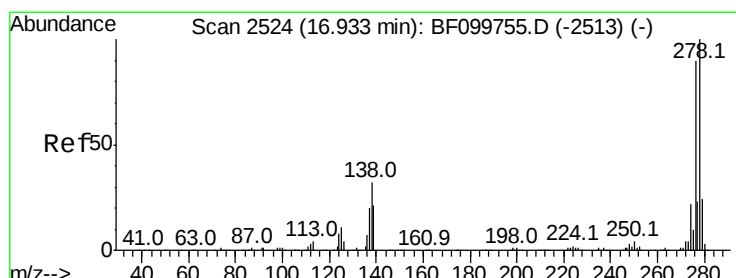
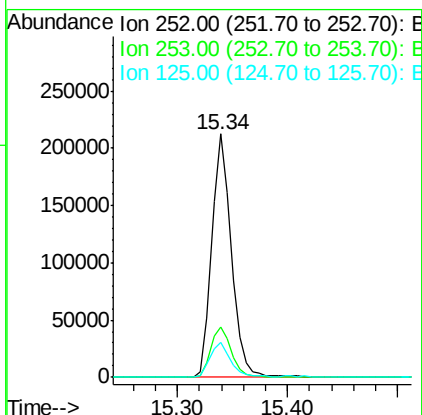
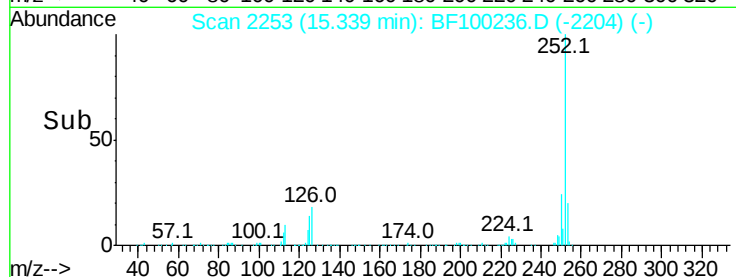
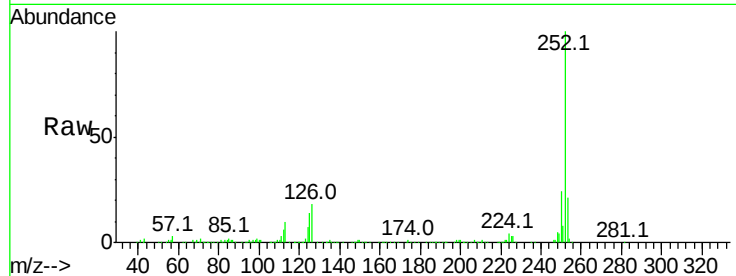
#89
Benzo(a)pyrene
Concen: 28.741 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.1	25.7
125	14.3	9.8	14.6

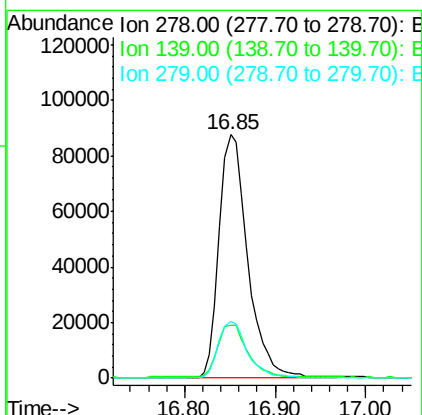
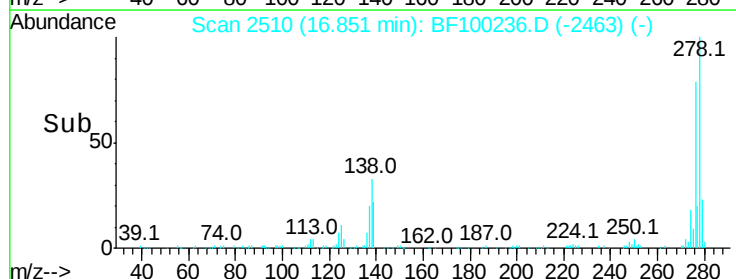
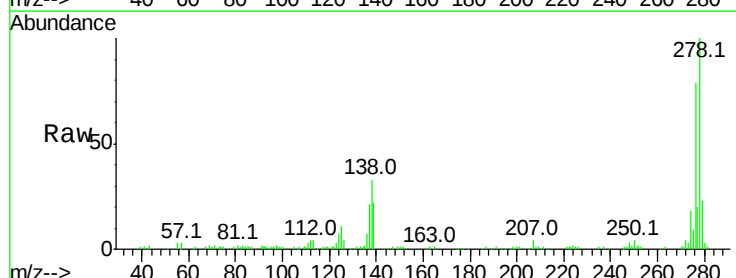
Manual Integrations
APPROVED

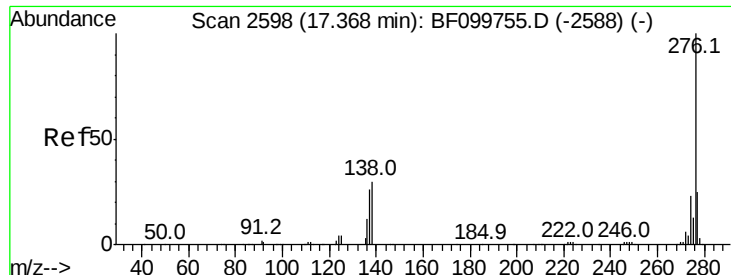
Sohil
11/6/2017 2:33:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 24.026 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BF100236.D
Acq: 5 Nov 2017 20:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 22.970 ng

RT: 17.31 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BF100236.D

Acq: 5 Nov 2017 20:47

Instrument :

BNA_F

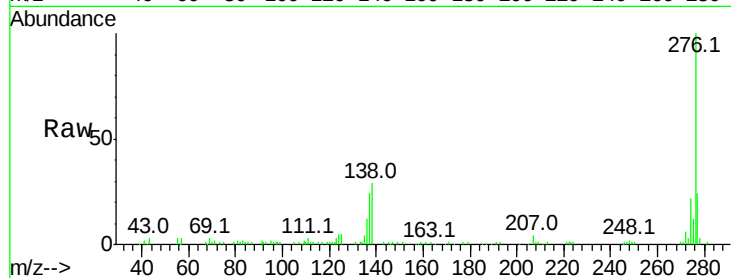
ClientSampleId :

P002-S002-0001-01MSD

Tot Ion:	276	Resp:	181334
Ion Ratio		Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.0	21.8	32.8

Manual Integrations
APPROVED

Sohil
11/6/2017 2:33:39 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

