

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101155.D
 Acq On : 6 Dec 2017 6:01
 Operator : SJ/JU
 Sample : I6702-12MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:48 PM

Quant Time: Dec 06 07:10:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53837	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203350	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	92257	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	167785	20.00	ng	0.00
75) Chrysene-d12	14.02	240	104552	20.00	ng	0.00
86) Perylene-d12	15.49	264	112450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	307095	94.26	ng	0.01
7) Phenol-d6	6.49	99	365637	92.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	225599	66.18	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	94696	85.44	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	460322	68.27	ng	0.00
78) Terphenyl-d14	12.96	244	365746	76.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	40787	30.275	ng	97
3) Pyridine	3.48	79	79965m	22.896	ng	
4) n-Nitrosodimethylamine	3.42	42	57463	33.687	ng	# 90
6) Aniline	6.52	93	54613	10.617	ng	98
8) 2-Chlorophenol	6.63	128	117610	33.108	ng	95
9) Benzaldehyde	6.40	77	44576	18.412	ng	98
10) Phenol	6.50	94	143374	32.598	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	104305	31.616	ng	99
12) 1,3-Dichlorobenzene	6.79	146	134613	32.544	ng	99
13) 1,4-Dichlorobenzene	6.86	146	138486	32.338	ng	97
14) 1,2-Dichlorobenzene	7.02	146	129018	32.299	ng	97
15) Benzyl Alcohol	6.99	79	99488	32.565	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	164041	36.580	ng	92
17) 2-Methylphenol	7.10	107	94605	32.981	ng	98
18) Hexachloroethane	7.36	117	41835	30.406	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	79213	29.736	ng	95
20) 3+4-Methylphenols	7.26	107	120137	32.114	ng	# 63
22) Acetophenone	7.26	105	155094	31.569	ng	# 90
24) Nitrobenzene	7.43	77	115142	34.464	ng	98
25) Isophorone	7.67	82	207502	35.636	ng	99
26) 2-Nitrophenol	7.75	139	60190	32.819	ng	99
27) 2,4-Dimethylphenol	7.78	122	100330	37.816	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	130280	33.290	ng	98
29) 2,4-Dichlorophenol	7.99	162	100568	34.824	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	109236	34.400	ng	95
31) Naphthalene	8.15	128	336597	33.585	ng	99
32) Benzoic acid	7.87	122	12072m	5.850	ng	
33) 4-Chloroaniline	8.20	127	28279	7.023	ng	96
34) Hexachlorobutadiene	8.26	225	64527	33.131	ng	95
35) Caprolactam	8.57	113	25686m	28.540	ng	
36) 4-Chloro-3-methylphenol	8.69	107	99421	33.235	ng	95
37) 2-Methylnaphthalene	8.85	142	228684	33.581	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	104333	31.130	ng	# 95
40) Hexachlorocyclopentadiene	8.99	237	27019	28.031	ng	93

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101155.D
 Acq On : 6 Dec 2017 6:01
 Operator : SJ/JU
 Sample : I6702-12MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:48 PM

Quant Time: Dec 06 07:10:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	69186	35.215	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	72870	34.693	nq #	91
45) 1,1'-Biphenyl	9.30	154	265177	31.372	nq	97
46) 2-Chloronaphthalene	9.33	162	213898	35.633	nq	96
47) 2-Nitroaniline	9.43	65	60627	34.136	nq	98
48) Acenaphthylene	9.75	152	321621	32.602	nq	99
49) Dimethylphthalate	9.60	163	272175	36.581	nq	99
50) 2,6-Dinitrotoluene	9.67	165	52524	33.517	nq	93
51) Acenaphthene	9.92	154	185918	31.473	nq	99
52) 3-Nitroaniline	9.85	138	33260	18.873	nq	90
53) 2,4-Dinitrophenol	9.96	184	10863	17.494	nq #	16
54) Dibenzofuran	10.09	168	278707	32.740	nq	98
55) 4-Nitrophenol	10.01	139	63767	53.653	nq	97
56) 2,4-Dinitrotoluene	10.08	165	66775	31.795	nq #	95
57) Fluorene	10.44	166	224054	32.377	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	56226	33.433	nq #	86
59) Diethylphthalate	10.30	149	233623	31.835	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	110036	32.205	nq #	87
61) 4-Nitroaniline	10.46	138	47387	25.904	nq	89
62) Azobenzene	10.59	77	199175	31.981	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	14196	12.614	nq	83
65) n-Nitrosodiphenylamine	10.55	169	199932	33.776	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	66641	35.484	nq #	85
67) Hexachlorobenzene	10.99	284	67000	33.287	nq #	88
68) Atrazine	11.07	200	64582	35.568	nq	97
69) Pentachlorophenol	11.18	266	54715	49.438	nq	96
70) Phenanthrene	11.40	178	304937	33.002	nq	98
71) Anthracene	11.45	178	313864	33.563	nq	99
72) Carbazole	11.61	167	264842	30.997	nq	99
73) Di-n-butylphthalate	11.93	149	355919	33.234	nq	98
74) Fluoranthene	12.59	202	280960	27.432	nq	93
76) Benzidine	12.71	184	29557	8.694	nq	97
77) Pyrene	12.82	202	273588	37.922	nq	99
79) Butylbenzylphthalate	13.43	149	116228	36.541	nq	94
80) Benzo(a)anthracene	14.01	228	218794	33.144	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	62886	27.507	nq #	96
82) Chrysene	14.04	228	209570	34.184	nq	97
83) Bis(2-ethylhexyl)phthalate	13.98	149	159964	35.271	nq	98
84) Di-n-octyl phthalate	14.59	149	241501	31.982	nq	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	202683	37.186	nq #	92
87) Benzo(b)fluoranthene	15.06	252	210490m	31.251	nq	
88) Benzo(k)fluoranthene	15.09	252	208612	31.437	nq #	96
89) Benzo(a)pyrene	15.43	252	203152	33.176	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	176733	32.738	nq #	93
91) Benzo(g,h,i)perylene	17.43	276	158196	31.095	nq #	91

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

```

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101155.D
Acq On    : 6 Dec 2017 6:01
Operator  : SJ/JU
Sample    : I6702-12MSD
Misc      :
ALS Vial  : 42 Sample Multiplier: 1

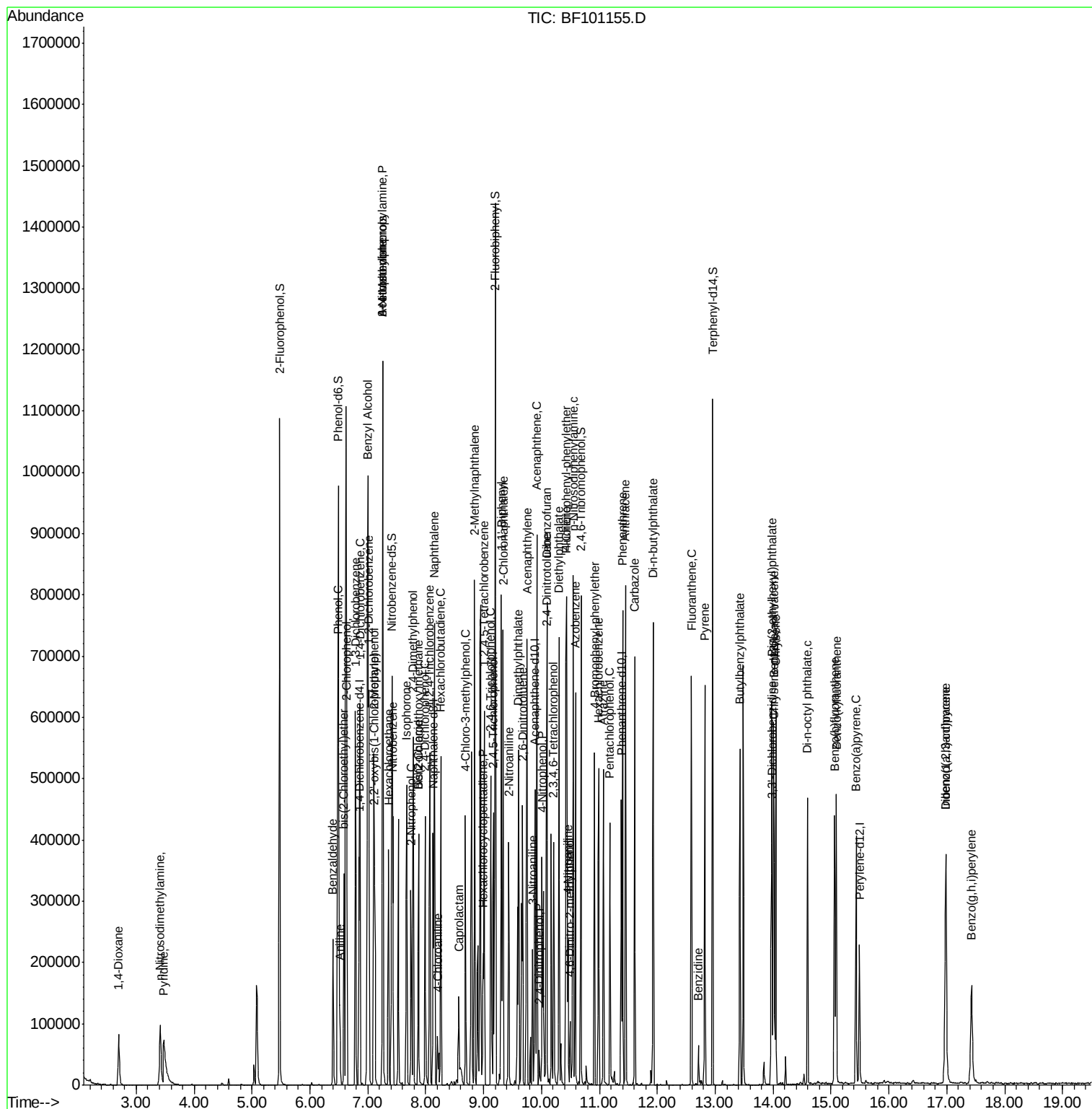
```

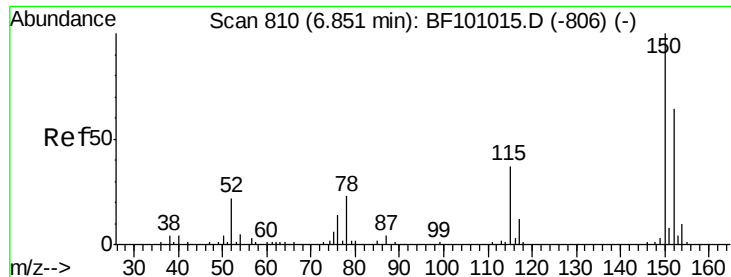
Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Manual Integrations APPROVED

Sohil
12/6/2017 5:12:48 PM

Quant Time: Dec 06 07:10:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration





#1

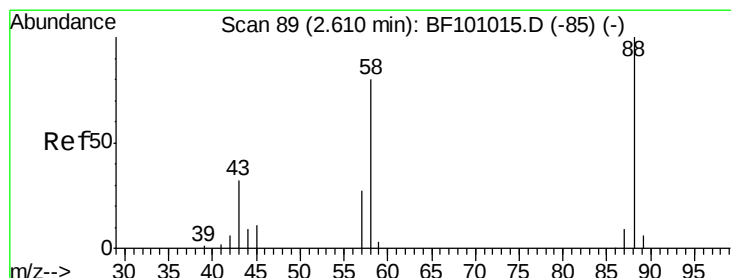
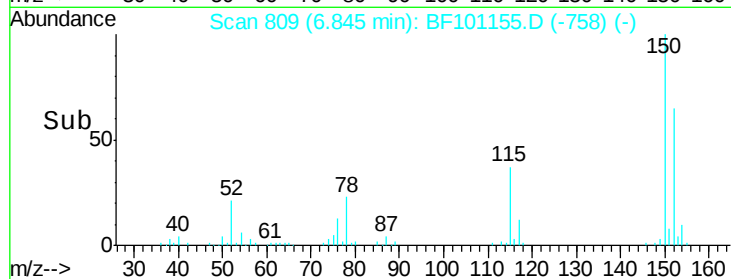
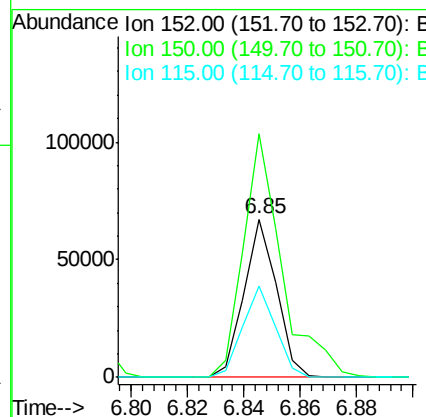
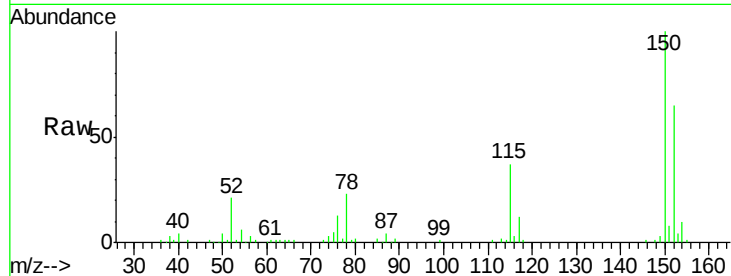
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	57.3	50.1	75.1

Manual Integrations
APPROVED

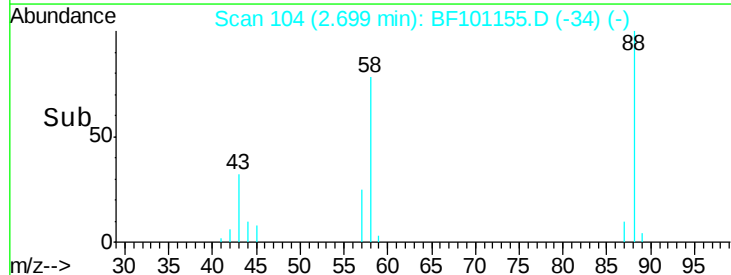
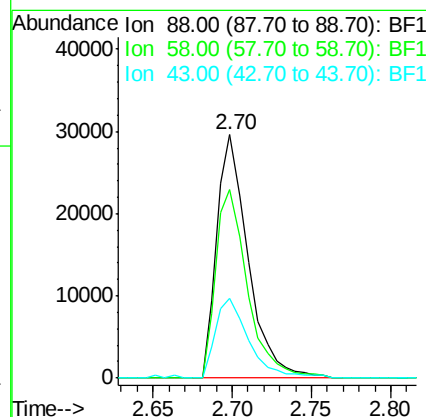
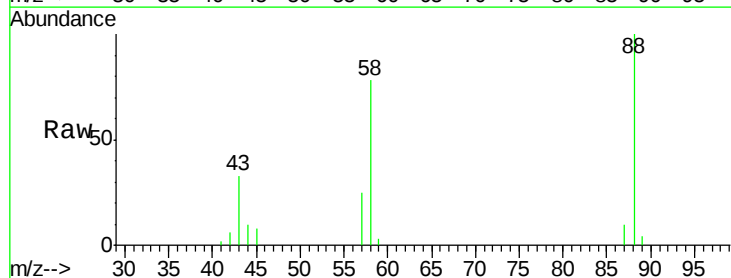
Sohil
12/6/2017 5:12:48 PM

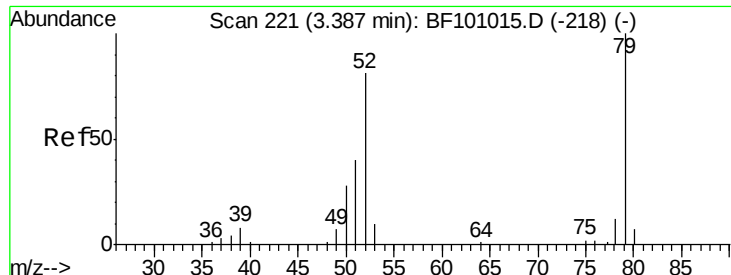


#2

1,4-Dioxane
Concen: 30.275 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.11 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	62.6	93.8
43	35.0	24.6	37.0





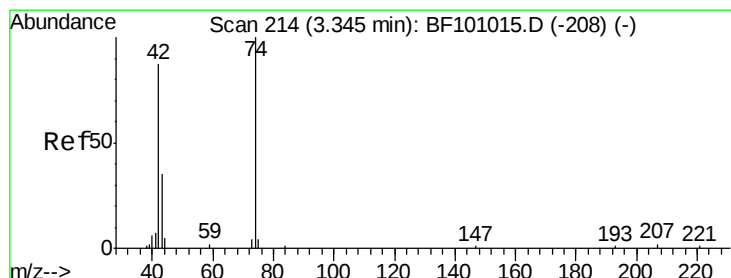
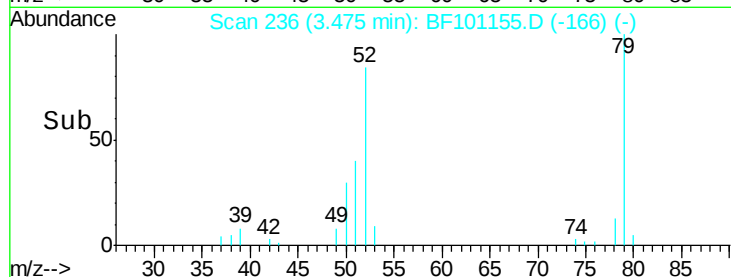
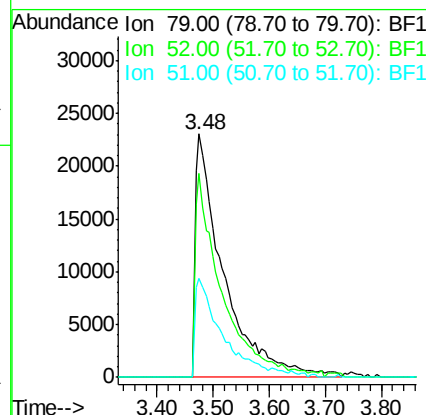
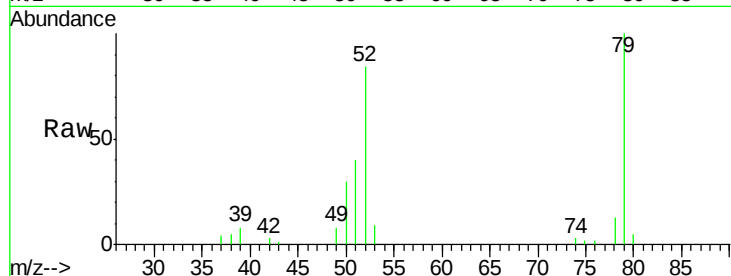
#3
 Pvridine
 Concen: 22.896 ng/ml
 RT: 3.48 min Scan# 236
 Delta R.T. 0.11 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion:	79	Resp:	79965
Ion Ratio	Lower	Upper	
79	100		
52	83.7	59.8	89.6
51	40.4	29.8	44.8

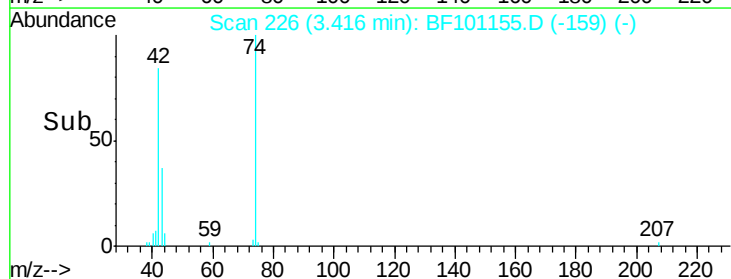
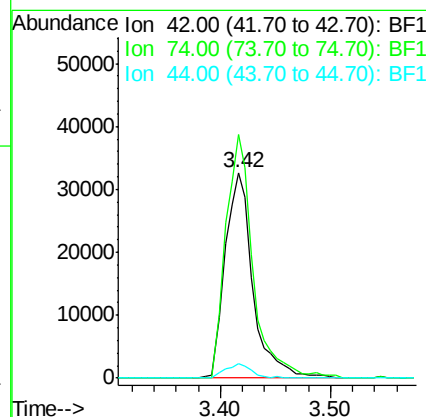
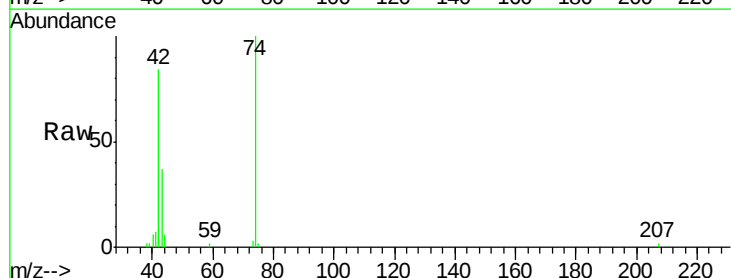
Manual Integrations
 APPROVED

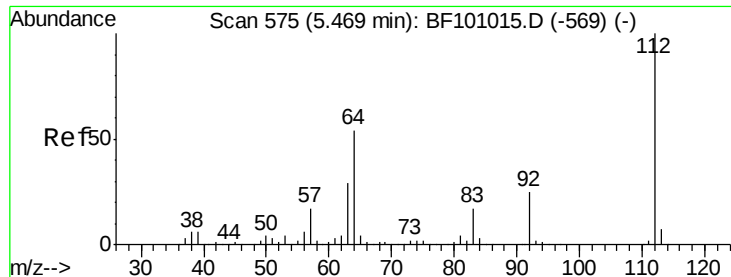
Sohil
 12/6/2017 5:12:48 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.687 ng/ml
 RT: 3.42 min Scan# 226
 Delta R.T. 0.09 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:	42	Resp:	57463
Ion Ratio	Lower	Upper	
42	100		
74	118.5	104.9	157.3
44	6.7	6.9	10.3





#5

2-Fluorophenol

Concen: 94.258 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

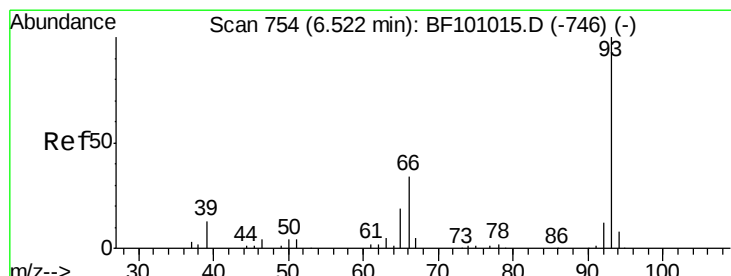
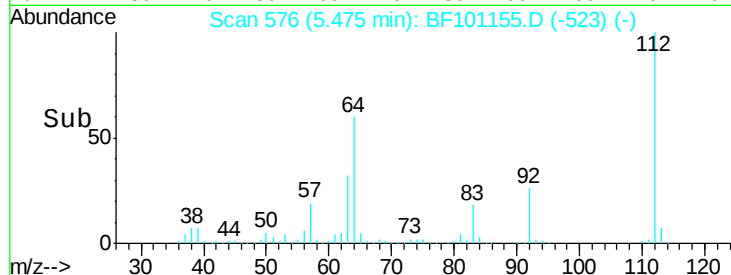
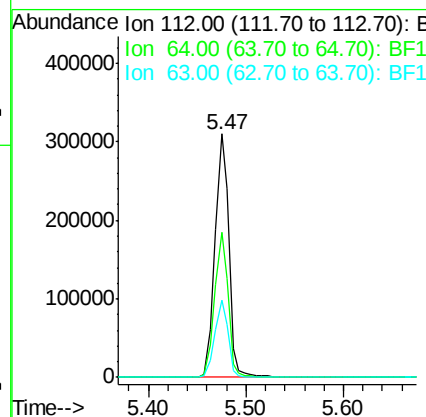
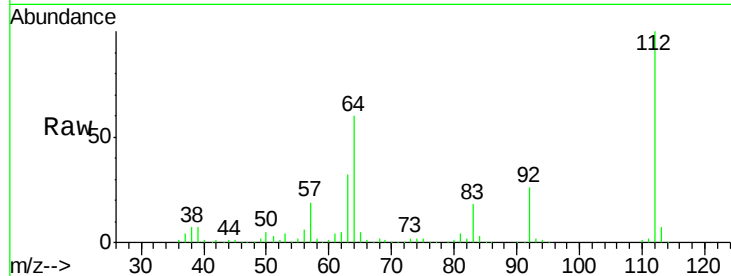
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:	112	Resp:	307095
Ion Ratio	Lower	Upper	
112	100		
64	59.8	47.9	71.9
63	31.7	23.7	35.5

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#6

Aniline

Concen: 10.617 ng

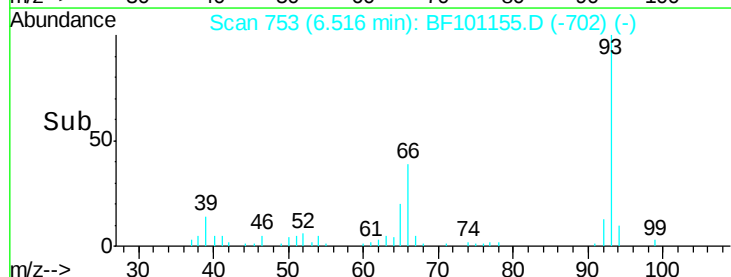
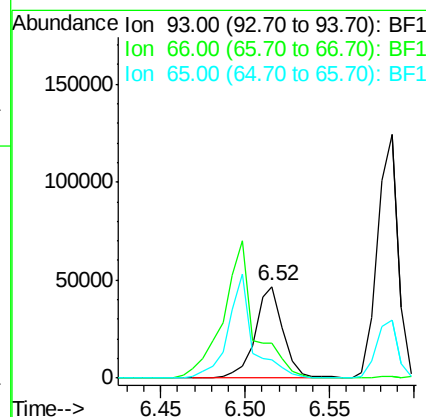
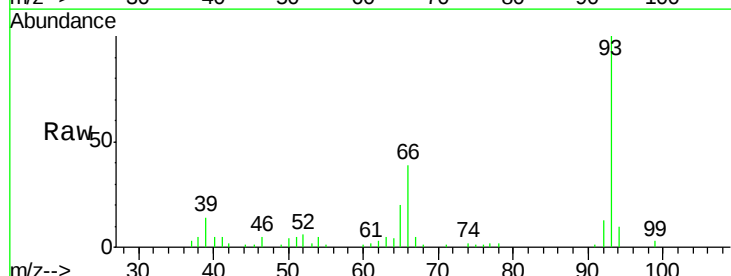
RT: 6.52 min Scan# 753

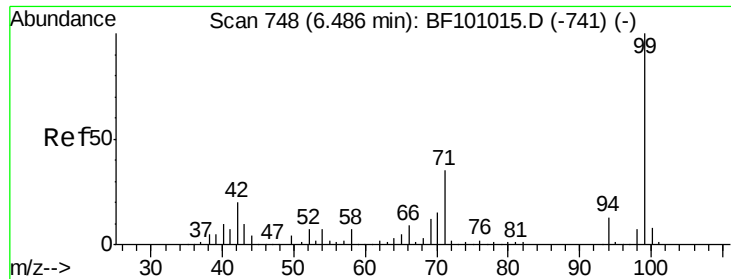
Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	93	Resp:	54613
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.2	48.2
65	20.3	16.4	24.6





#7

Phenol-d6

Concen: 92.436 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

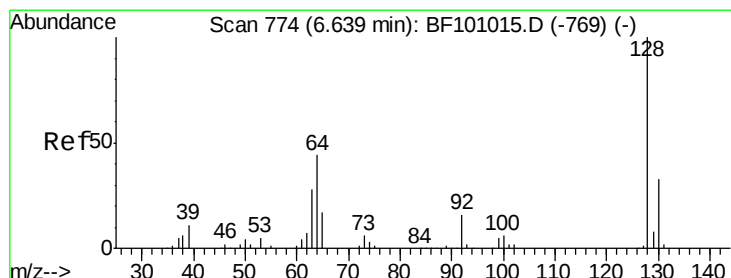
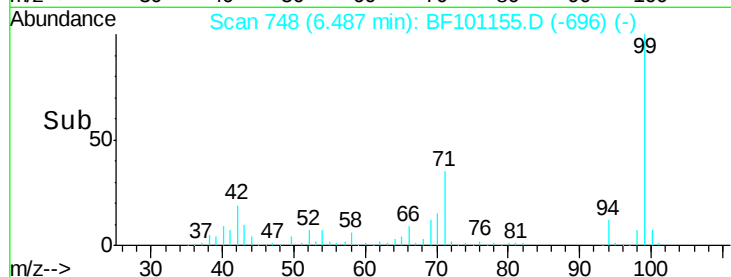
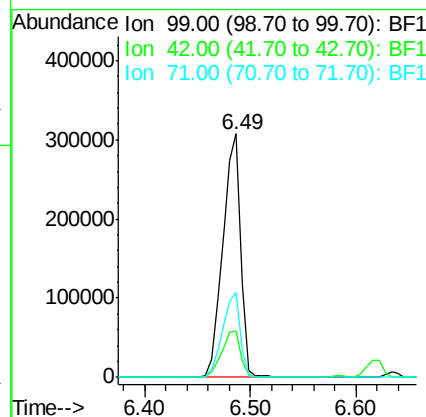
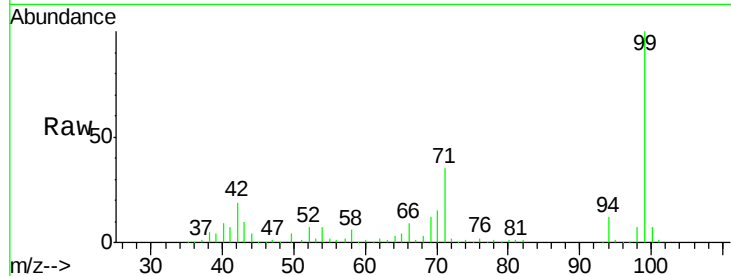
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:	99	Resp:	365637
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.5	21.7
71	34.8	25.4	38.0

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#8

2-Chlorophenol

Concen: 33.108 ng

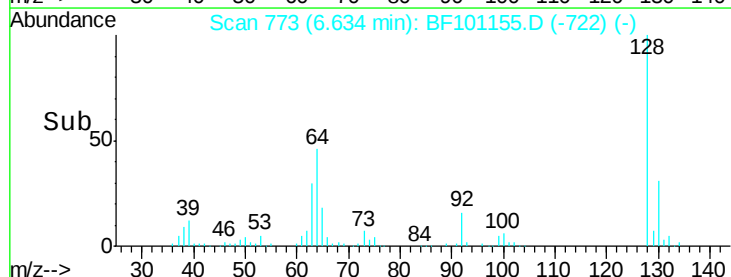
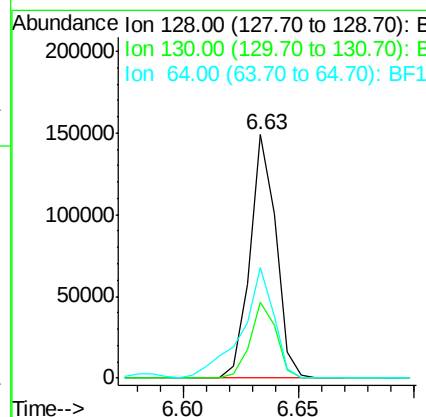
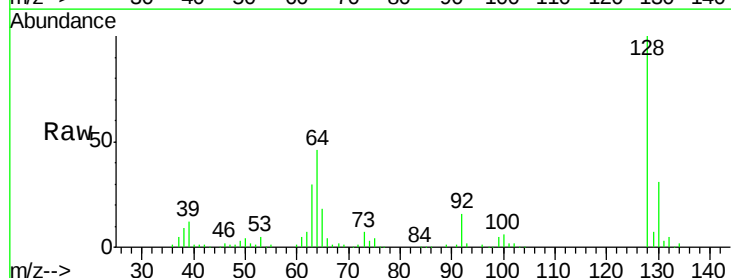
RT: 6.63 min Scan# 773

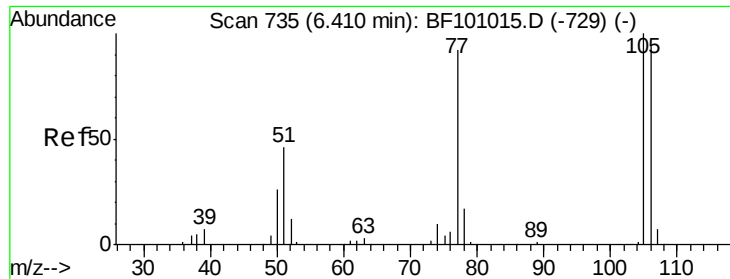
Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	128	Resp:	117610
Ion Ratio	Lower	Upper	
128	100		
130	31.1	13.0	53.0
64	45.6	29.4	69.4





#9

Benzaldehyde

Concen: 18.412 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

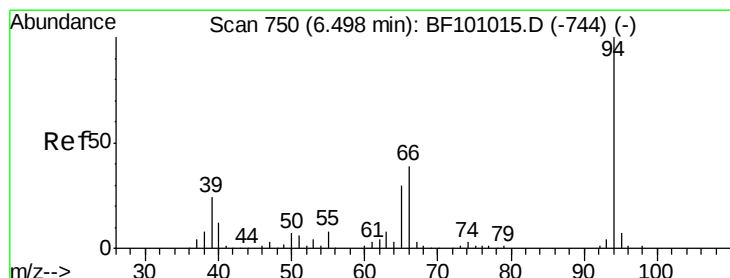
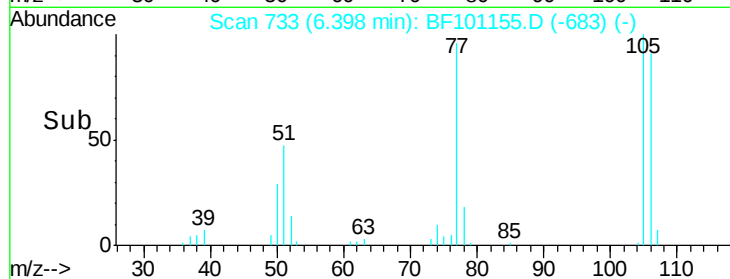
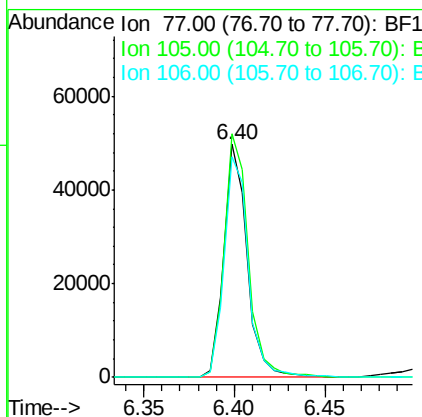
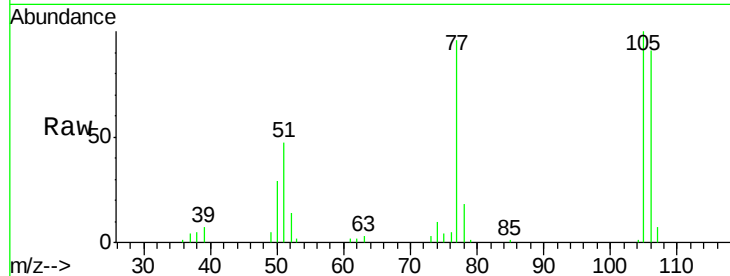
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.6	81.1	121.1		
106	95.0	74.5	114.5		

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#10

Phenol

Concen: 32.598 ng

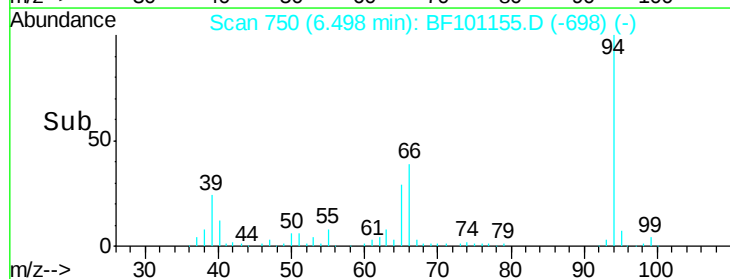
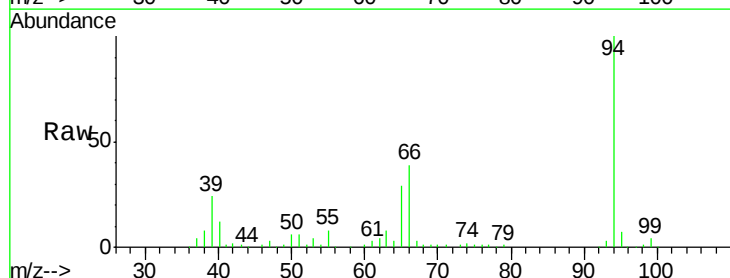
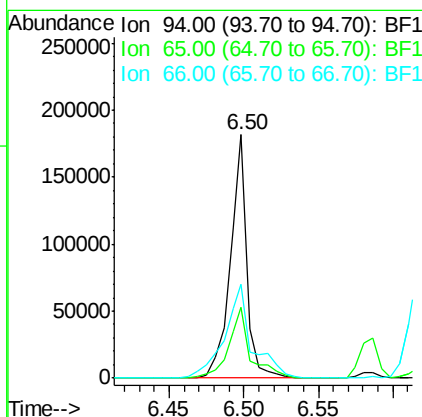
RT: 6.50 min Scan# 750

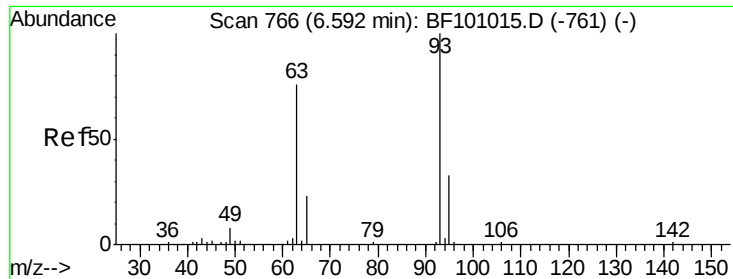
Delta R.T. 0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.3	7.9	47.9		
66	38.6	16.2	56.2		





#11

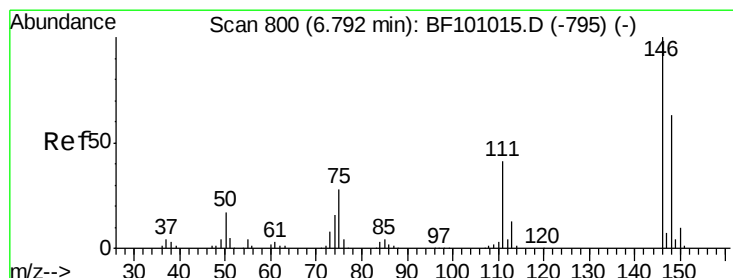
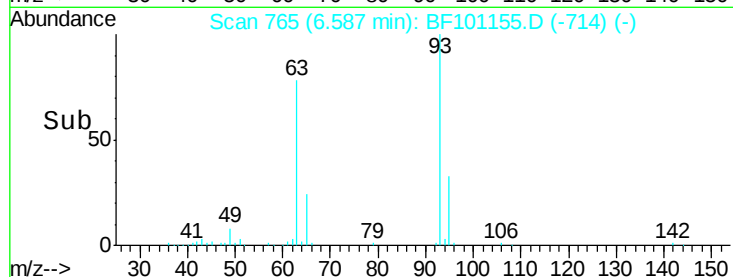
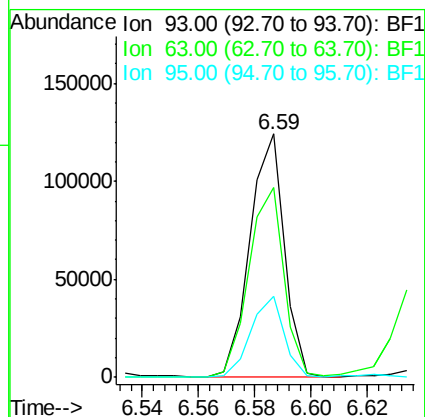
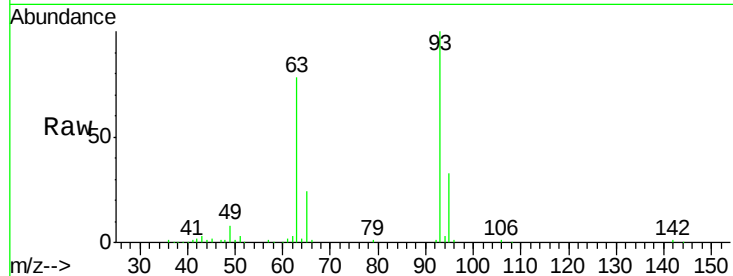
bis(2-Chloroethyl)ether
Concen: 31.616 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion:	93	Resp:	104305
Ion Ratio	Lower	Upper	
93	100		
63	78.2	58.6	98.6
95	33.2	11.8	51.8

Manual Integrations
APPROVED

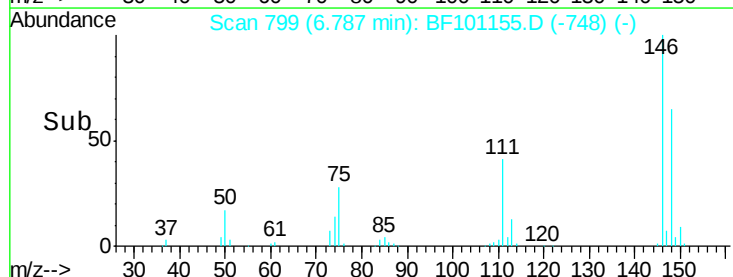
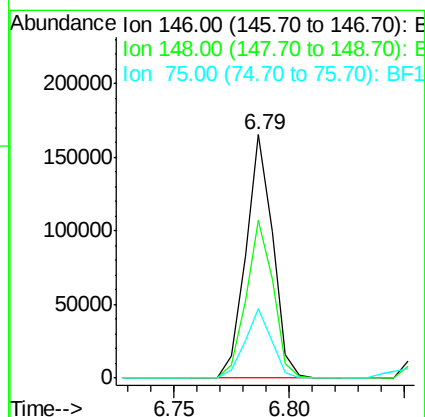
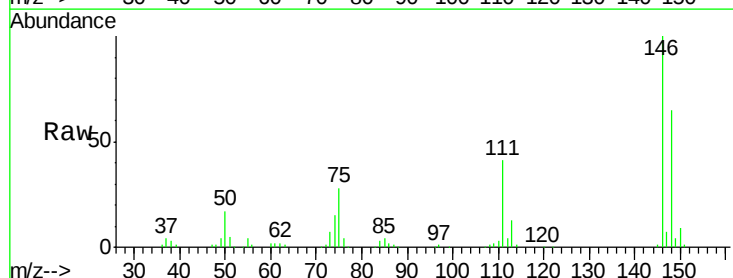
Sohil
12/6/2017 5:12:48 PM

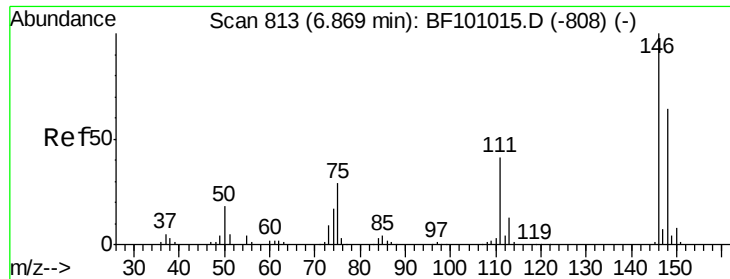


#12

1,3-Dichlorobenzene
Concen: 32.544 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion:	146	Resp:	134613
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	28.4	24.2	36.4





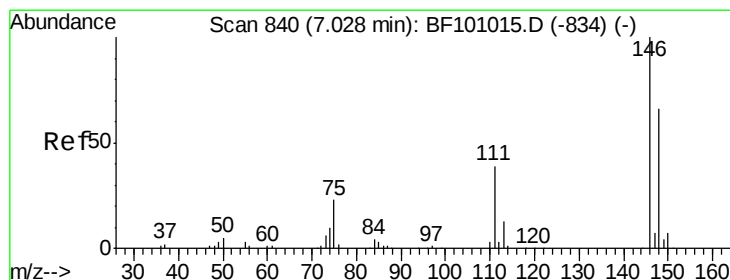
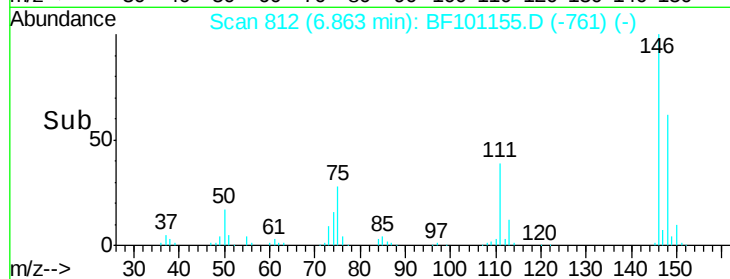
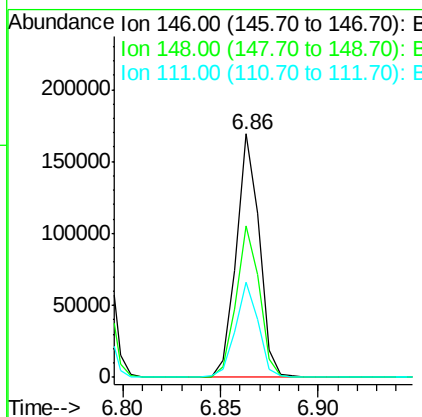
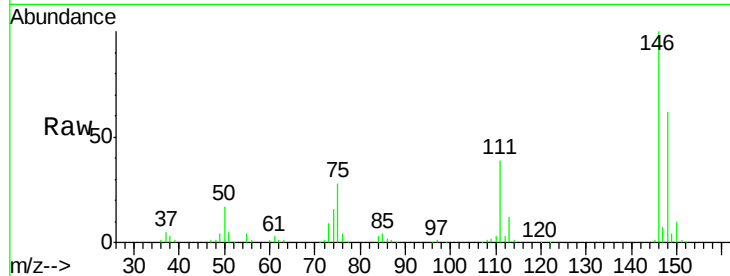
#13
 1,4-Dichlorobenzene
 Concen: 32.338 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.8	76.2
111	39.2	34.2	51.2

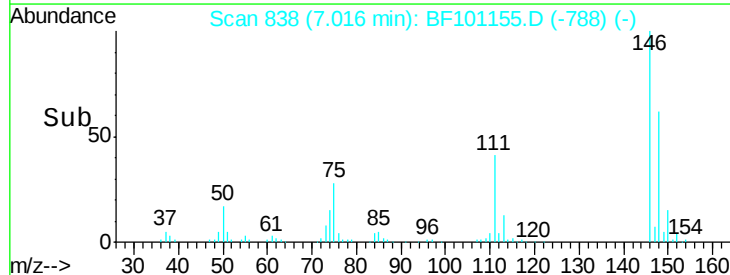
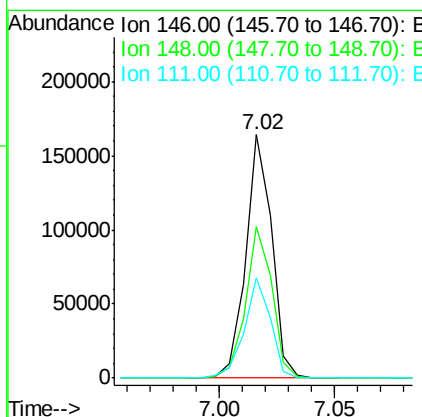
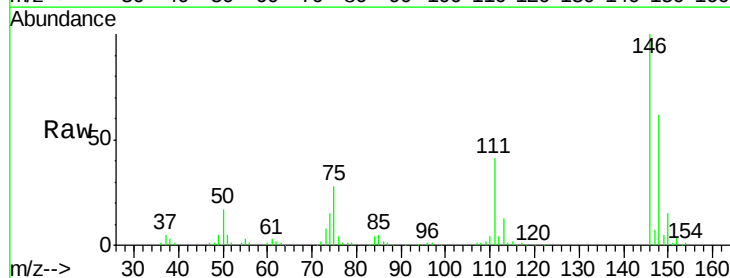
Manual Integrations
 APPROVED

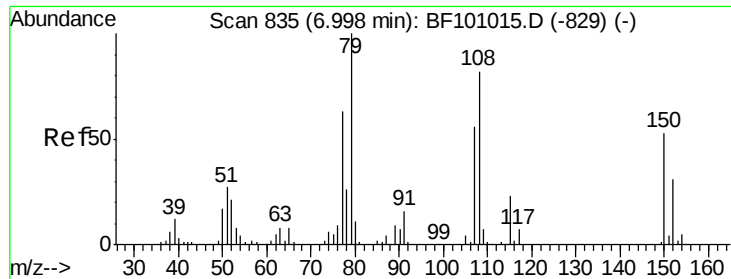
Sohil
 12/6/2017 5:12:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.299 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	75.8
111	41.0	36.0	54.0





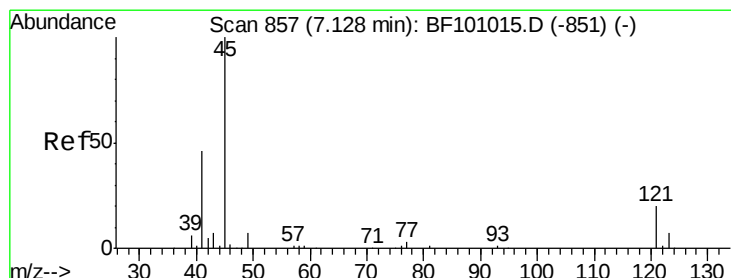
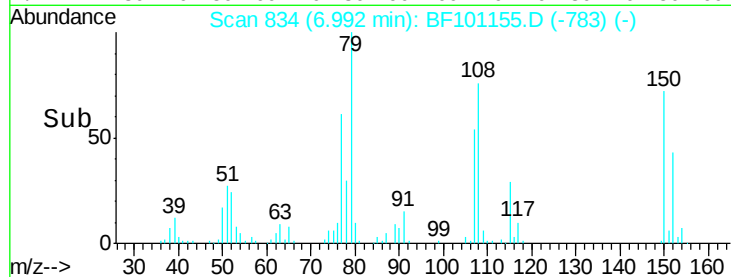
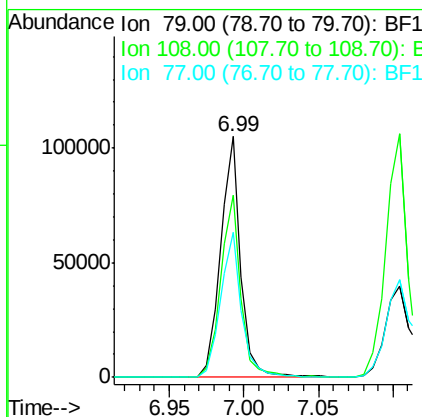
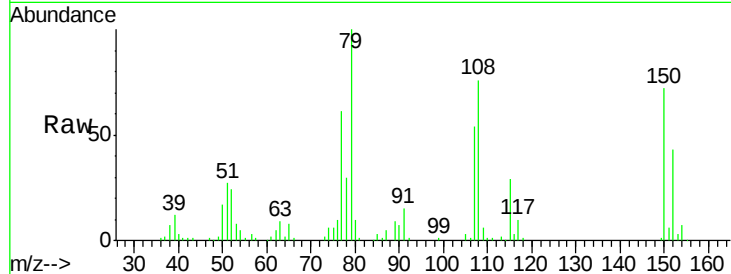
#15
Benzyl Alcohol
Concen: 32.565 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	65.1	97.7
77	60.5	50.6	75.8

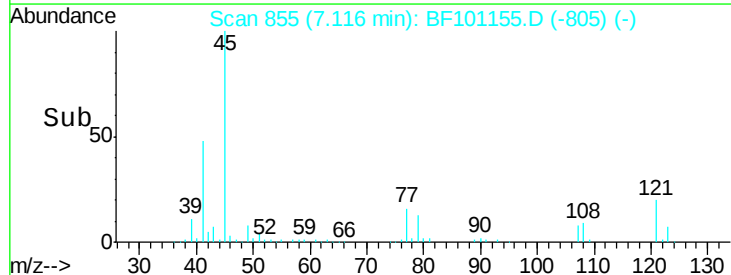
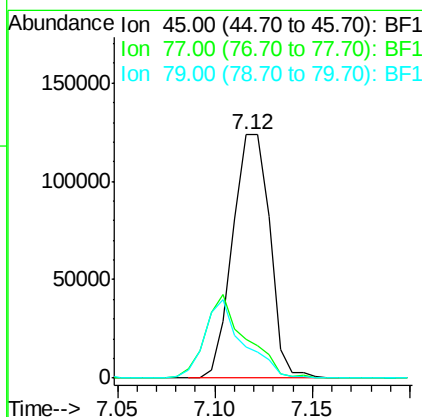
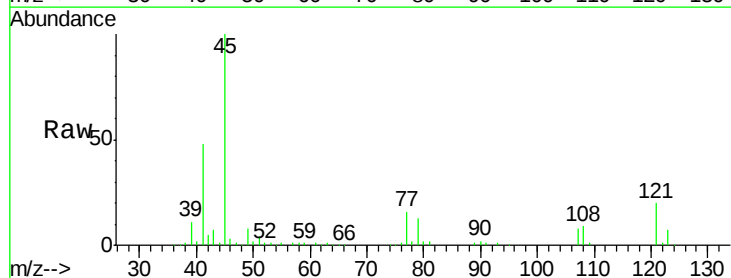
Manual Integrations
APPROVED

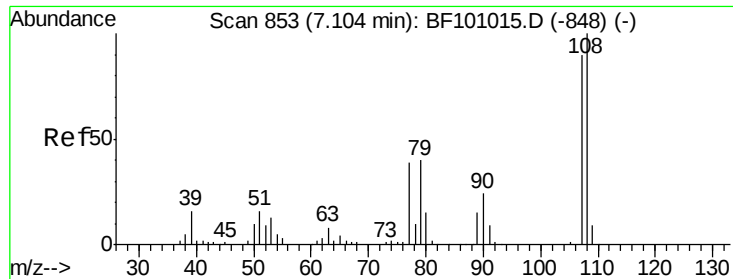
Sohil
12/6/2017 5:12:48 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.580 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	32.9
79	12.7	0.0	29.6





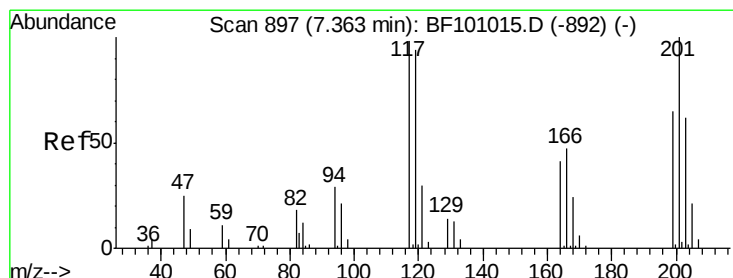
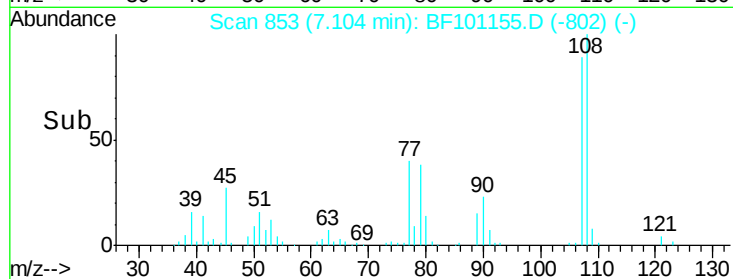
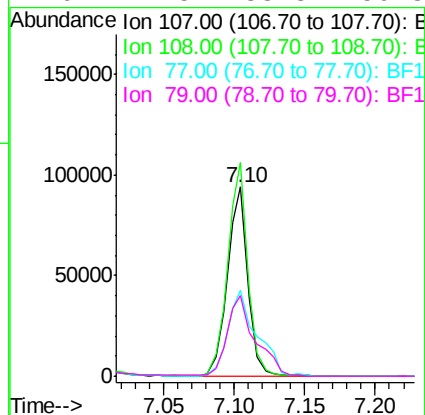
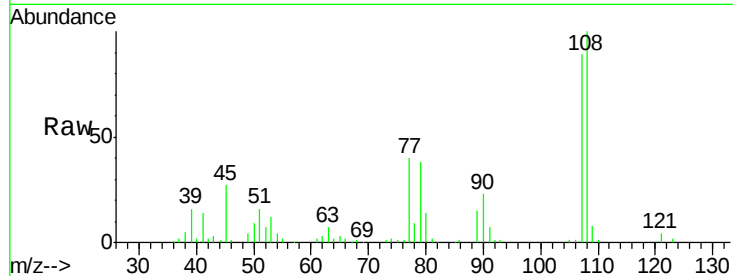
#17
2-Methylphenol
Concen: 32.981 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion:	107	Resp:	94605
Ion Ratio	Lower	Upper	
107	100		
108	112.8	91.7	137.5
77	45.4	33.8	50.8
79	42.5	33.8	50.8

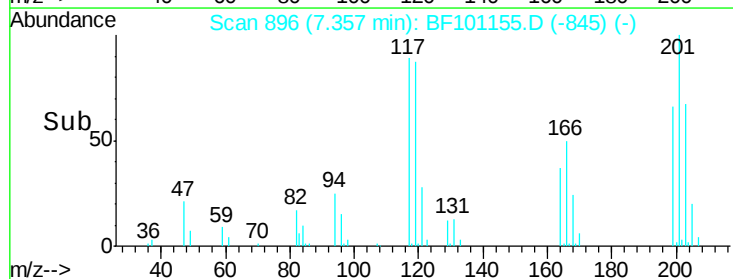
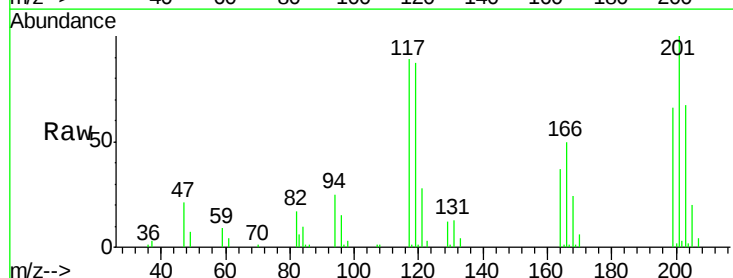
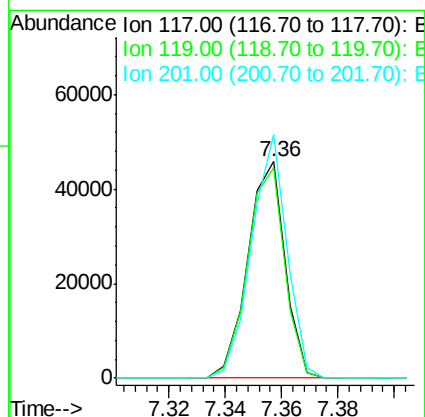
Manual Integrations
APPROVED

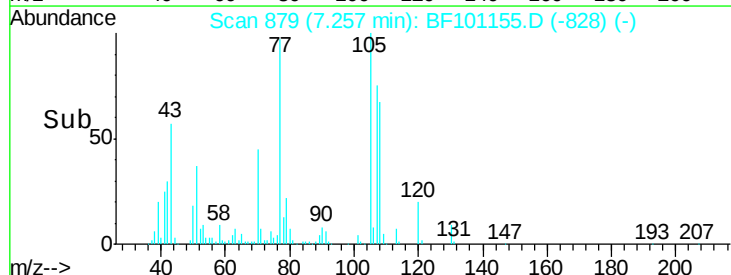
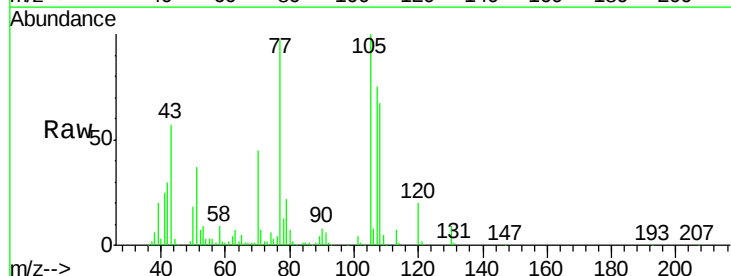
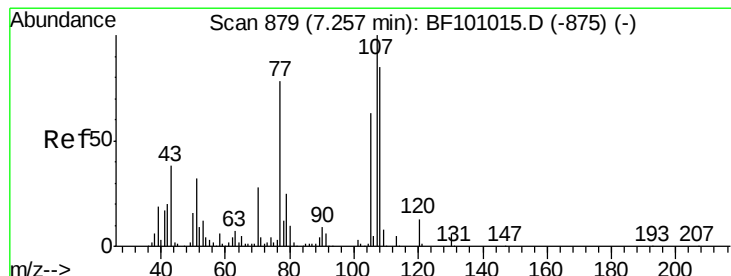
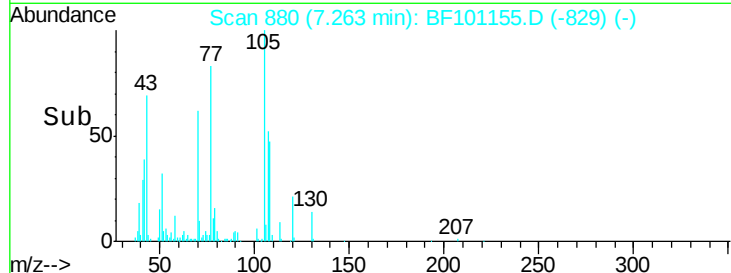
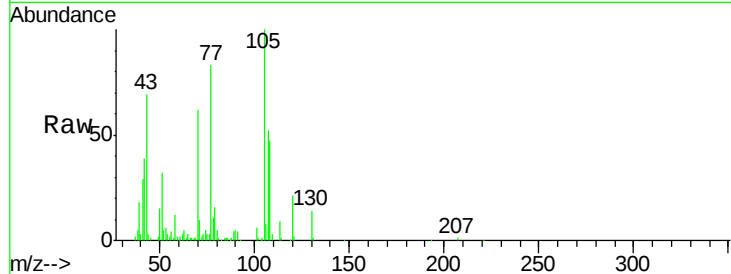
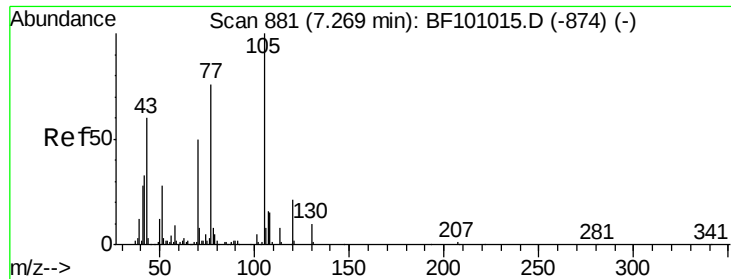
Sohil
12/6/2017 5:12:48 PM



#18
Hexachloroethane
Concen: 30.406 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

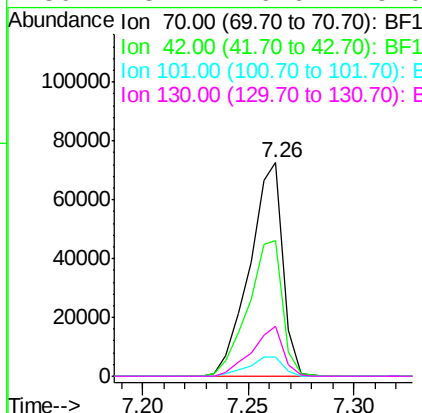
Tgt Ion:	117	Resp:	41835
Ion Ratio	Lower	Upper	
117	100		
119	97.3	75.8	113.8
201	112.4	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 29.736 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tot Ion	70	Resp	79213
Ion Ratio	Lower	Upper	
70	100		
42	63.4	47.5	71.3
101	8.9	7.4	11.2
130	23.2	16.6	25.0



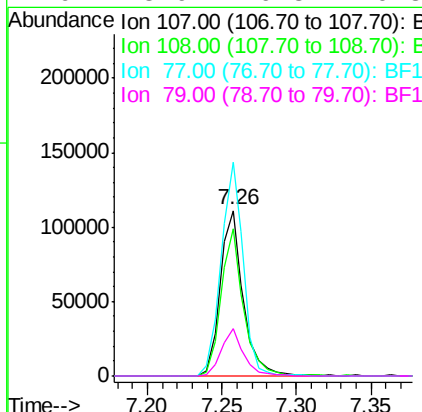
Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

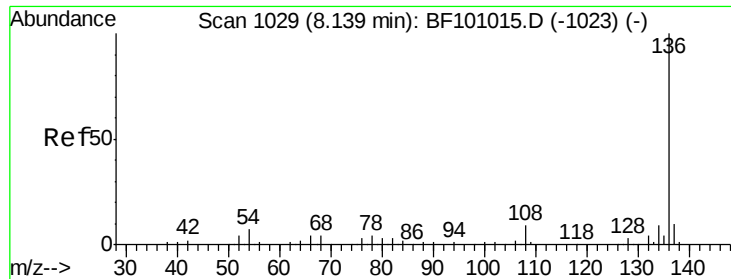
Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM

#20
3+4-Methylphenols
Concen: 32.114 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	107	Resp	120137
Ion Ratio	Lower	Upper	
107	100		
108	89.2	68.2	108.2
77	129.3	26.7	66.7#
79	28.9	6.3	46.3





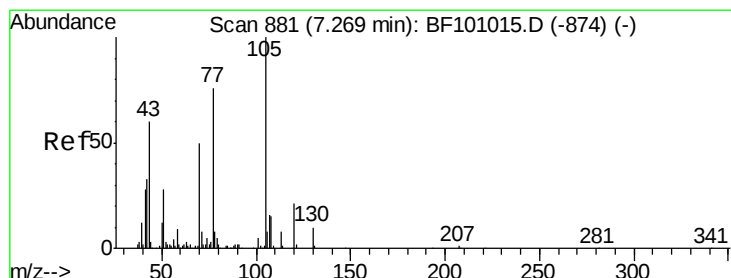
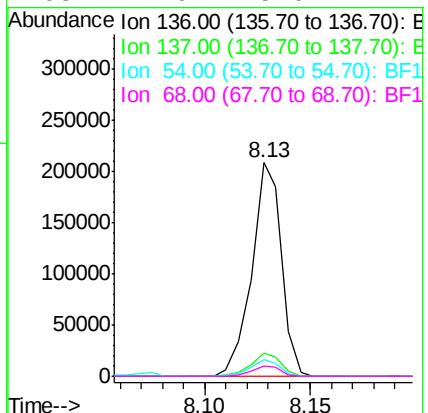
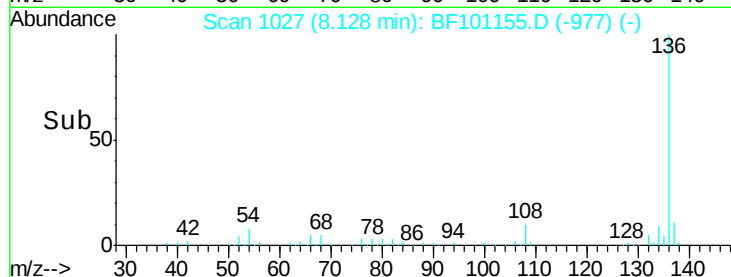
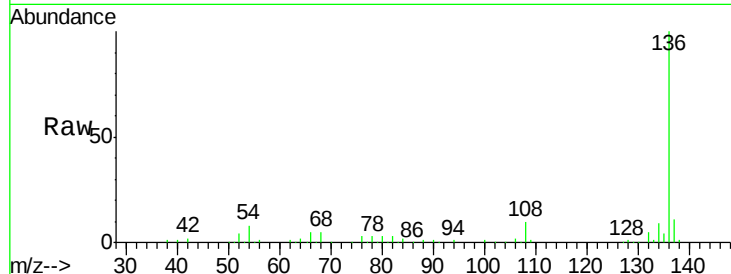
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.6	9.8
68	4.9	5.0	7.4#

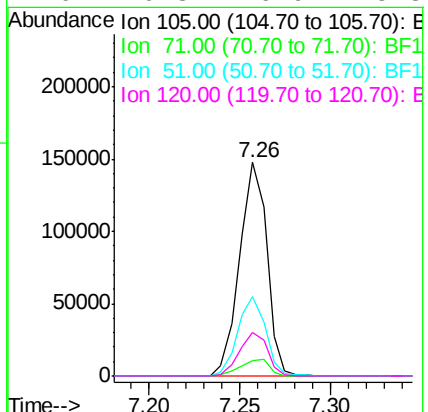
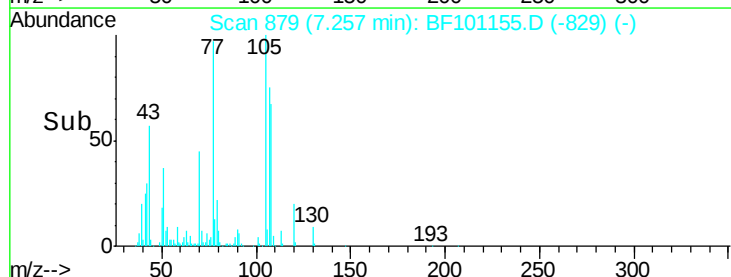
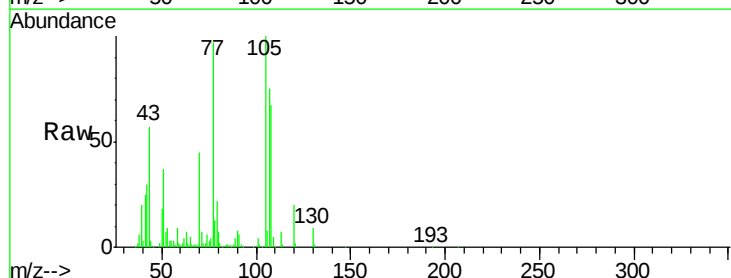
Manual Integrations
APPROVED

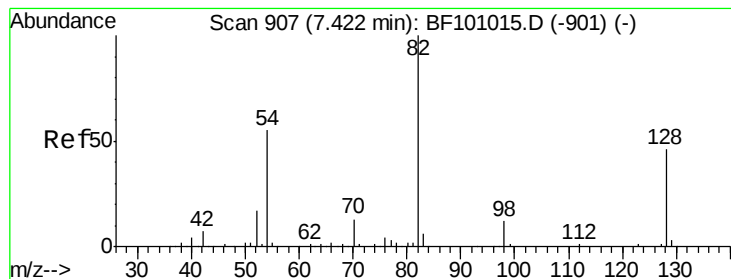
Sohil
12/6/2017 5:12:48 PM



#22
Acetophenone
Concen: 31.569 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.2	4.4	6.6#
51	37.3	22.3	33.5#
120	20.3	16.9	25.3





#23

Nitrobenzene-d5

Concen: 66.180 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

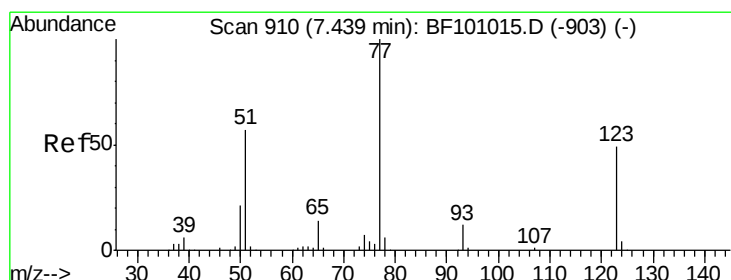
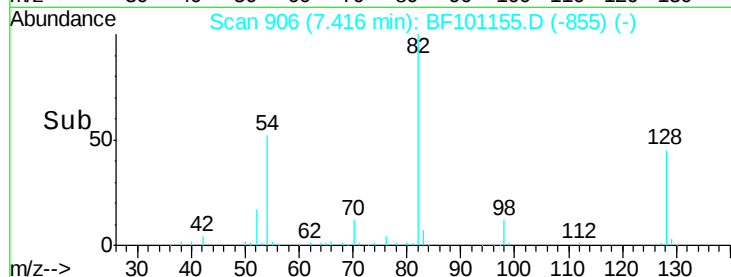
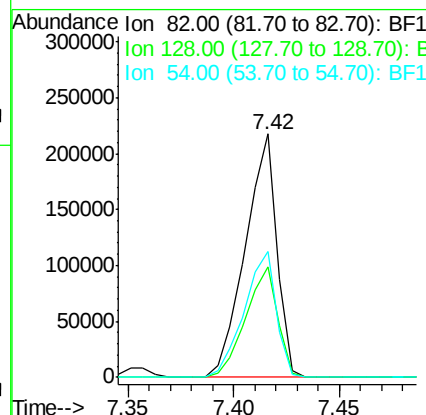
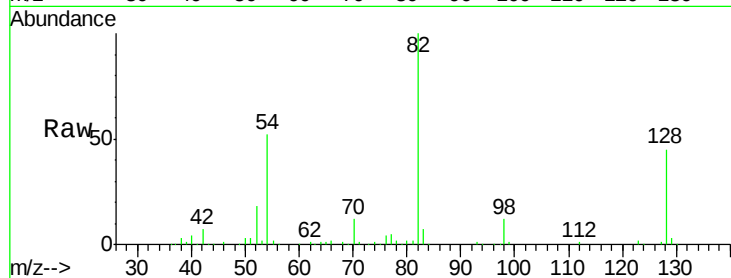
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:	82	Resp:	225599
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	51.8	41.4	62.2

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#24

Nitrobenzene

Concen: 34.464 ng

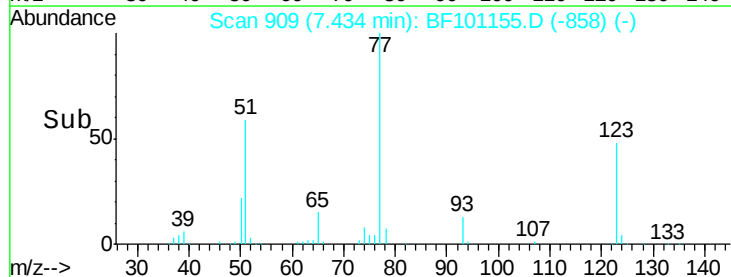
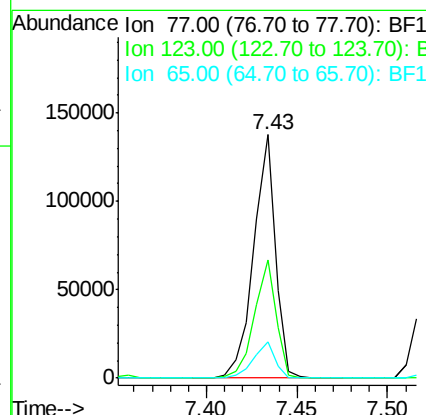
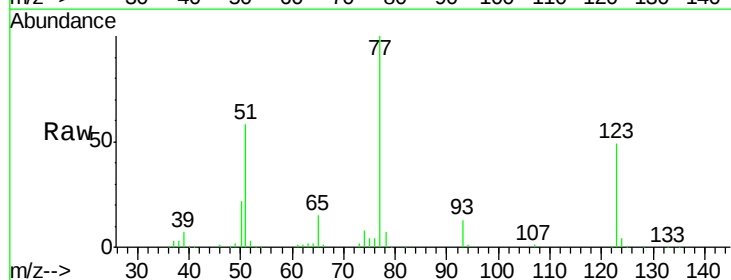
RT: 7.43 min Scan# 909

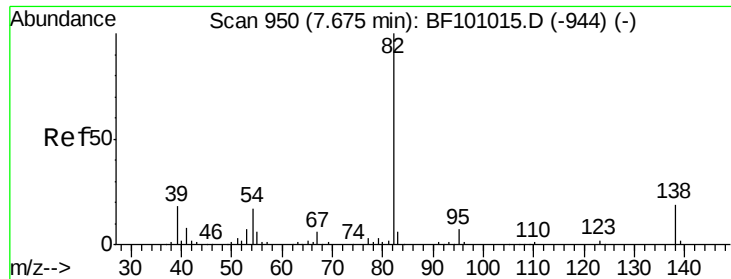
Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	77	Resp:	115142
Ion Ratio	Lower	Upper	
77	100		
123	48.5	37.9	56.9
65	14.8	11.0	16.4





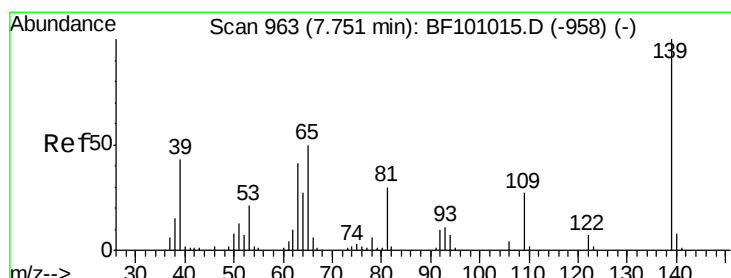
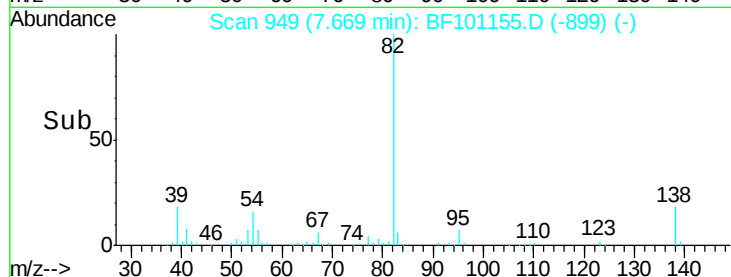
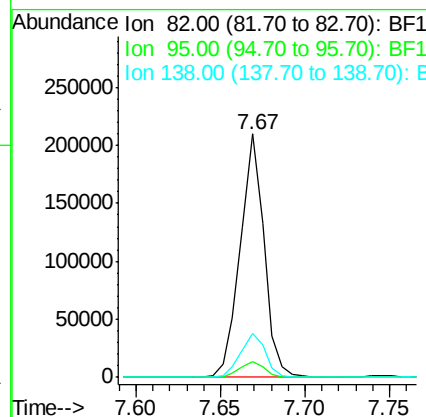
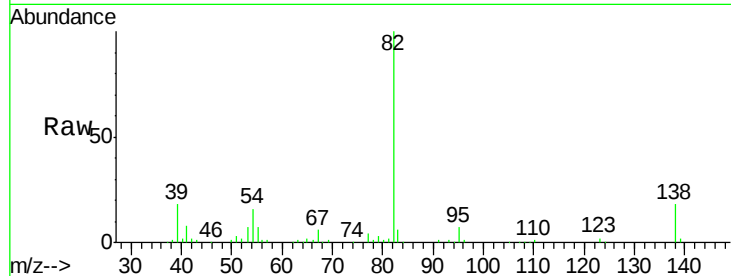
#25
Isophorone
Concen: 35.636 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	82	Resp	207502
Ion Ratio	100	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	18.2	14.9	22.3

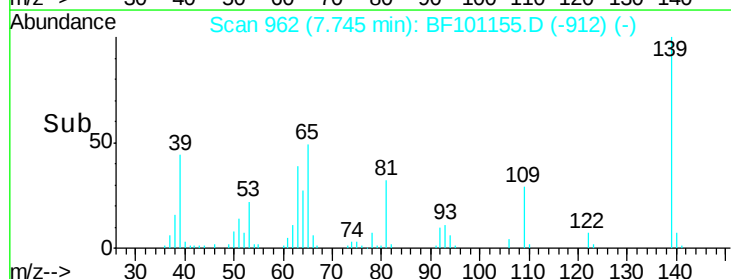
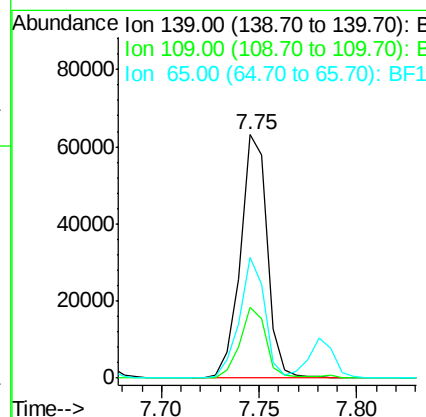
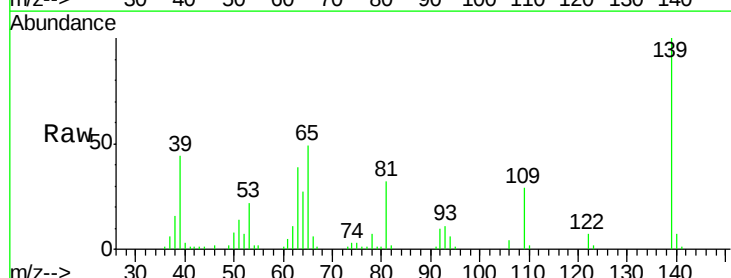
Manual Integrations
APPROVED

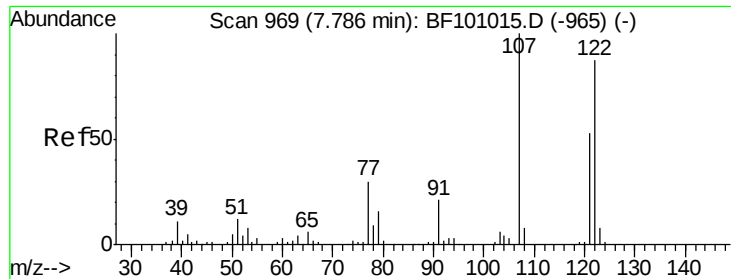
Sohil
12/6/2017 5:12:48 PM



#26
2-Nitrophenol
Concen: 32.819 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	139	Resp	60190
Ion Ratio	100	Lower	Upper
139	100		
109	29.0	22.7	34.1
65	49.4	40.5	60.7





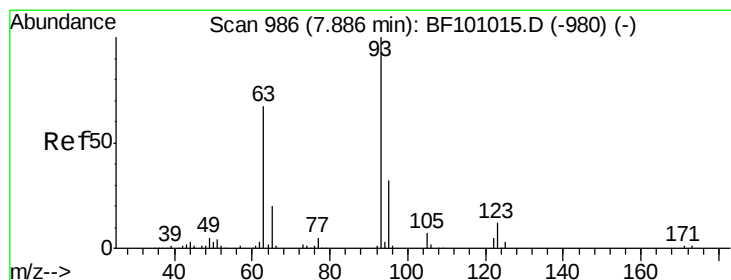
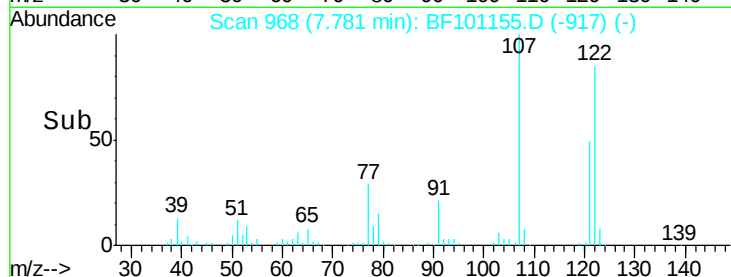
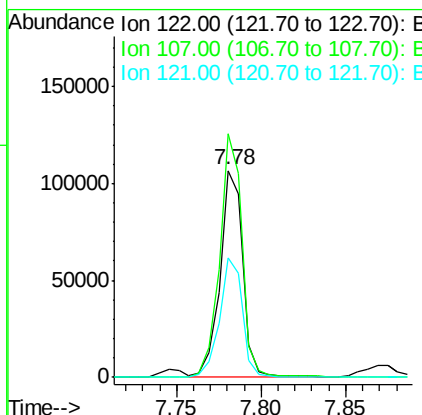
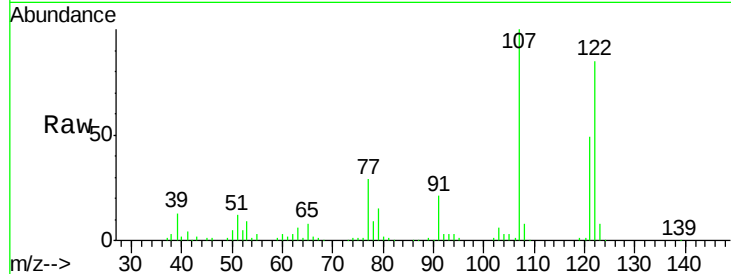
#27
 2,4-Dimethylphenol
 Concen: 37.816 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	100330		
107	117.8	91.2	136.8	
121	57.9	47.2	70.8	

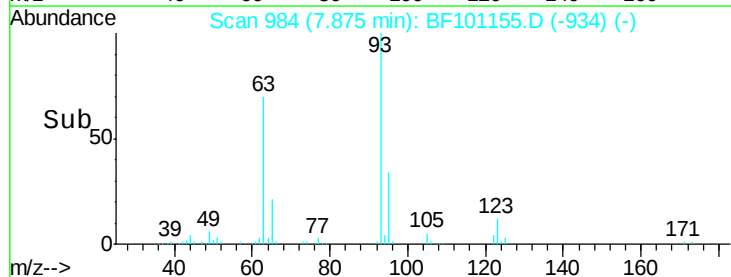
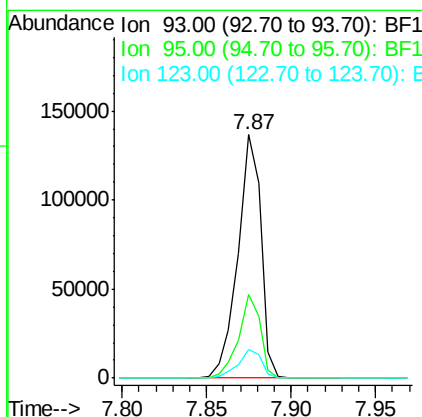
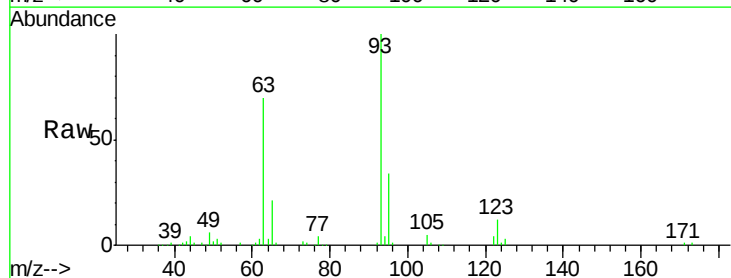
Manual Integrations
 APPROVED

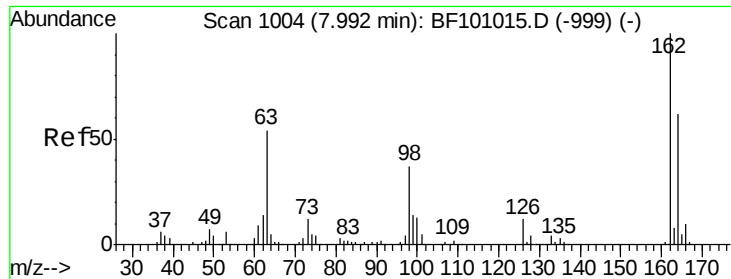
Sohil
 12/6/2017 5:12:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.290 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	130280		
95	34.4	26.3	39.5	
123	12.0	9.8	14.6	





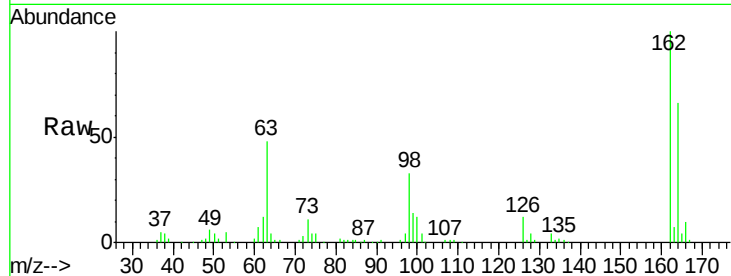
#29
 2,4-Dichlorophenol
 Concen: 34.824 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

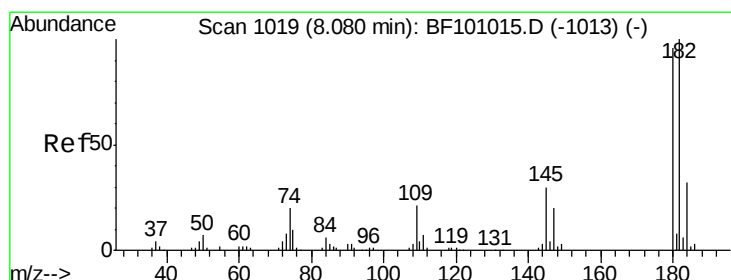
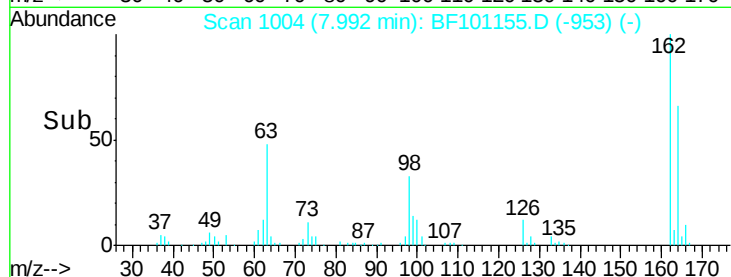
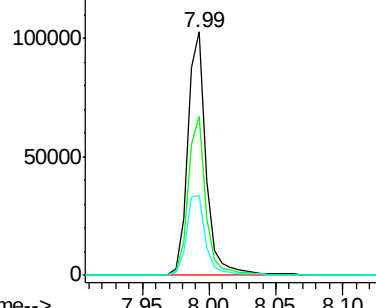
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.6	42.7	82.7
98	32.5	18.1	58.1

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:48 PM

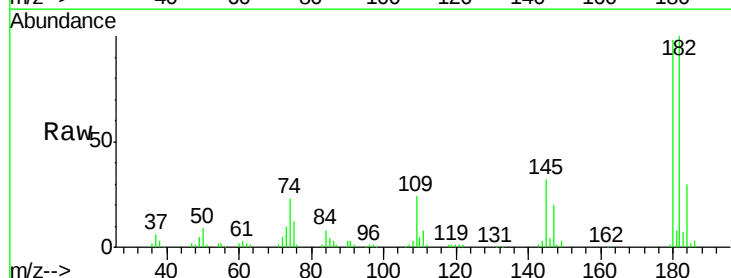


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

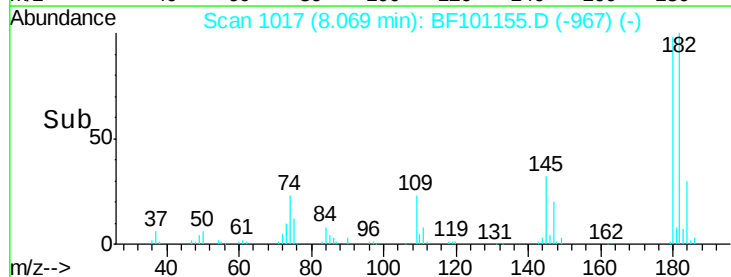
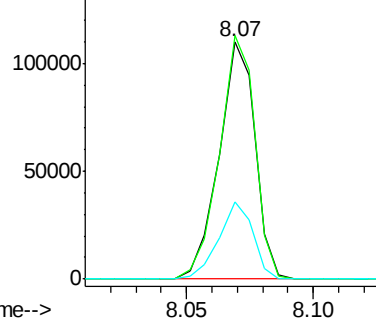


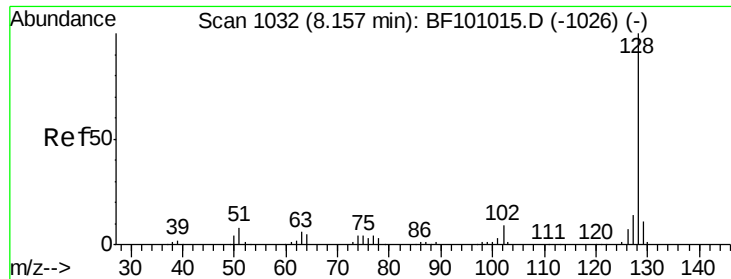
#30
 1,2,4-Trichlorobenzene
 Concen: 34.400 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	102.4	76.8	115.2
145	32.5	26.5	39.7



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





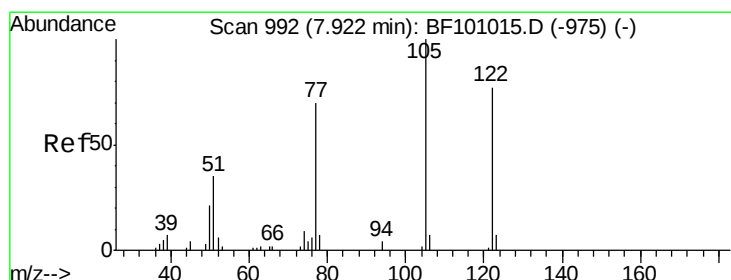
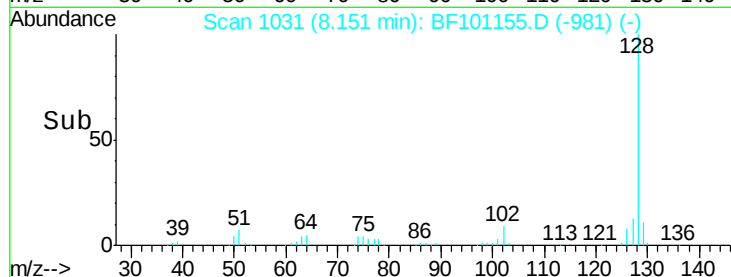
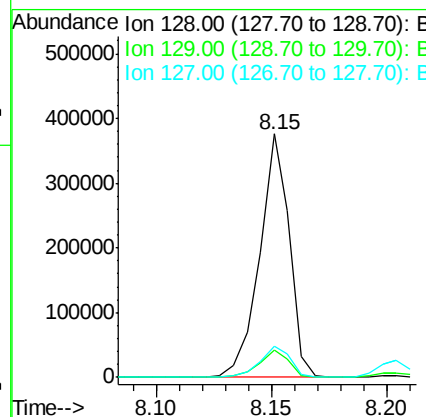
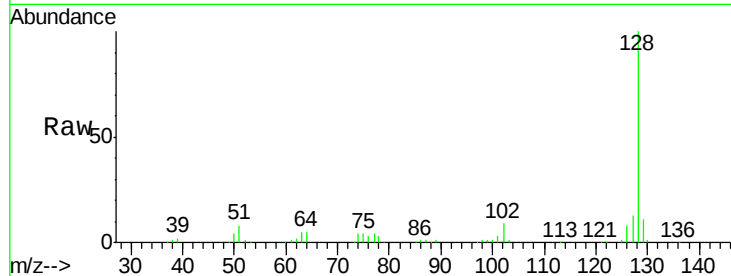
#31
Naphthalene
Concen: 33.585 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.9	16.3

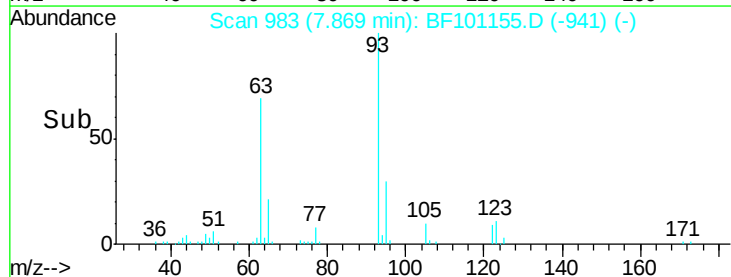
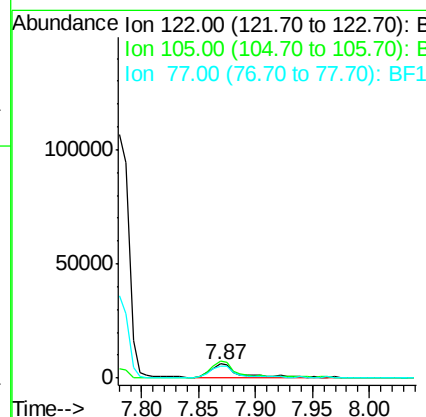
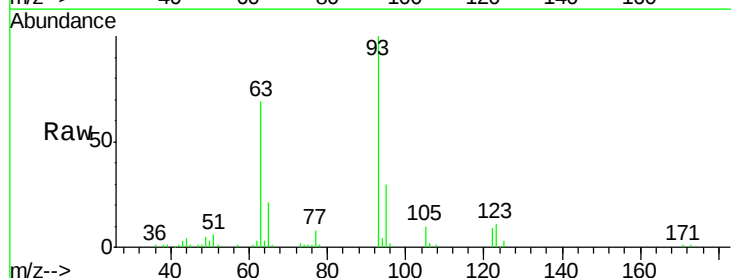
Manual Integrations
APPROVED

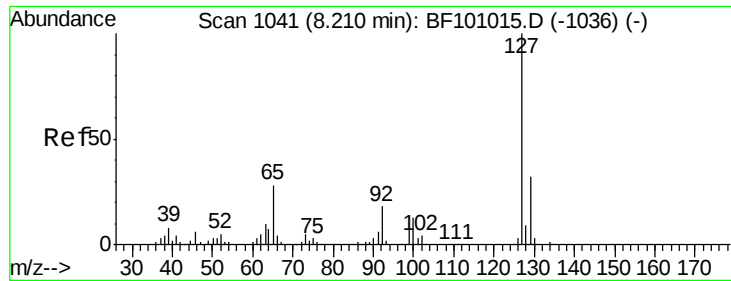
Sohil
12/6/2017 5:12:48 PM



#32
Benzoic acid
Concen: 5.850 ng m
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	101.1	141.1
77	86.4	70.7	110.7





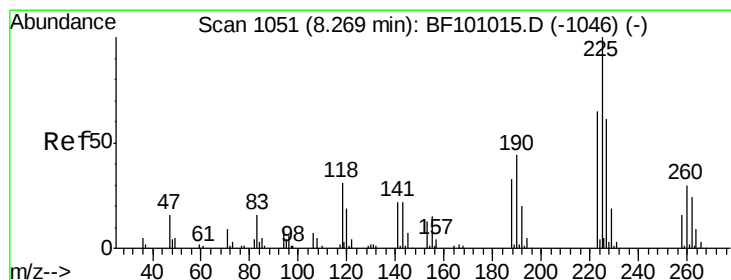
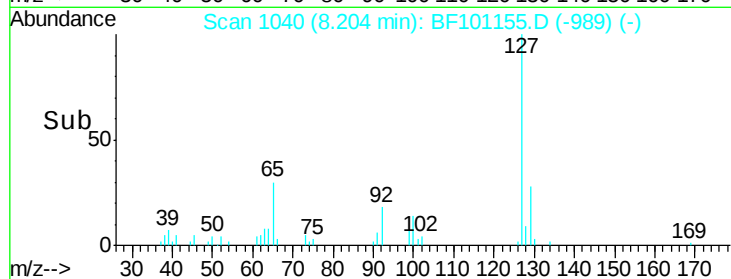
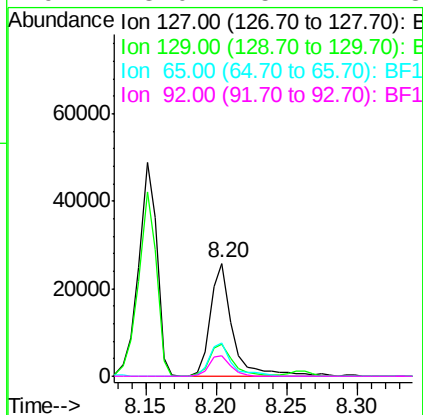
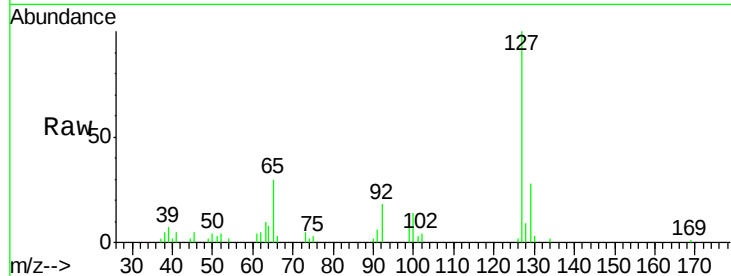
#33
4-Chloroaniline
Concen: 7.023 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	28.5	25.9	38.9
65	29.9	25.0	37.4
92	18.0	15.2	22.8

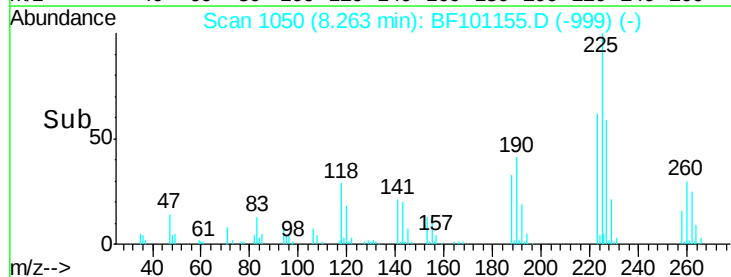
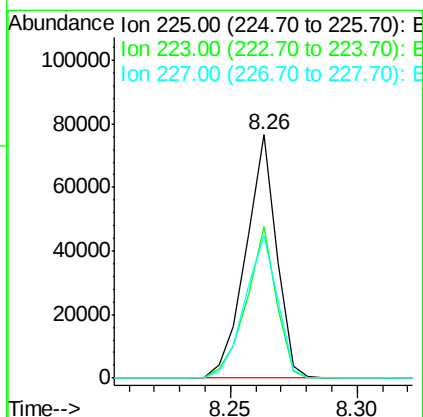
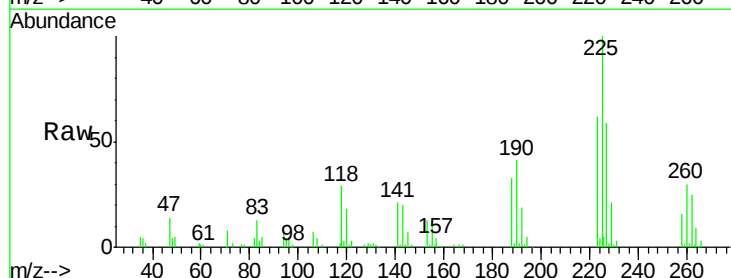
Manual Integrations
APPROVED

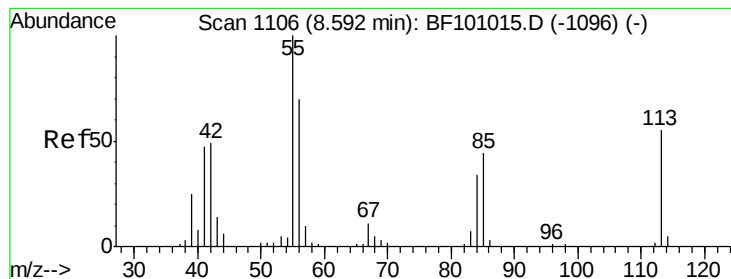
Sohil
12/6/2017 5:12:48 PM



#34
Hexachlorobutadiene
Concen: 33.131 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	58.7	51.9	77.9





#35

Caprolactam

Concen: 28.540 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

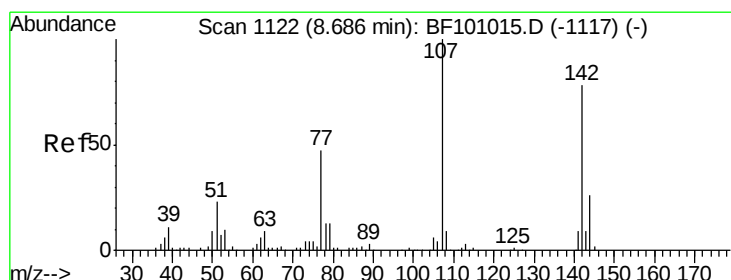
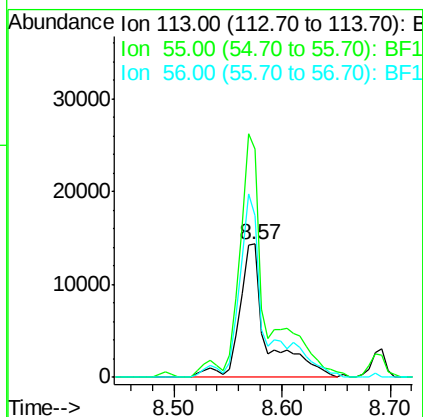
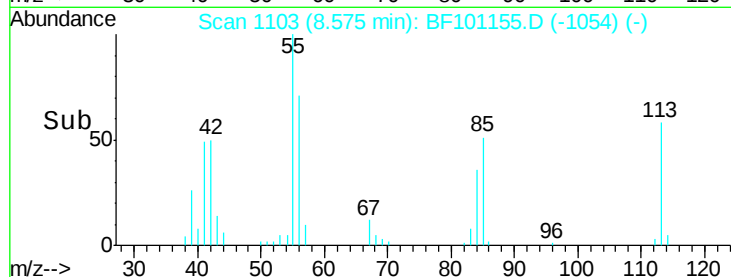
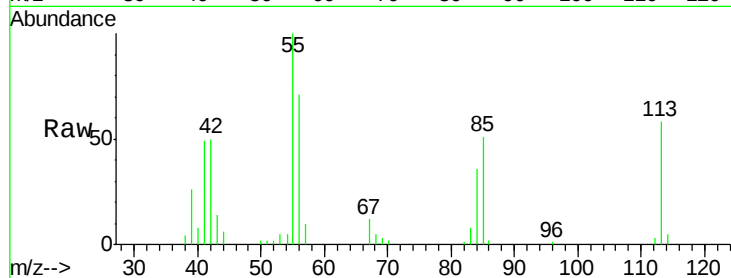
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:	113	Resp:	25686
Ion Ratio	Lower	Upper	
113	100		
55	171.7	163.3	203.3
56	121.6	115.7	155.7

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#36

4-Chloro-3-methylphenol

Concen: 33.235 ng/mL

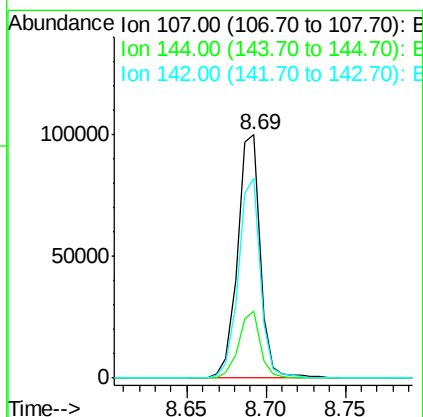
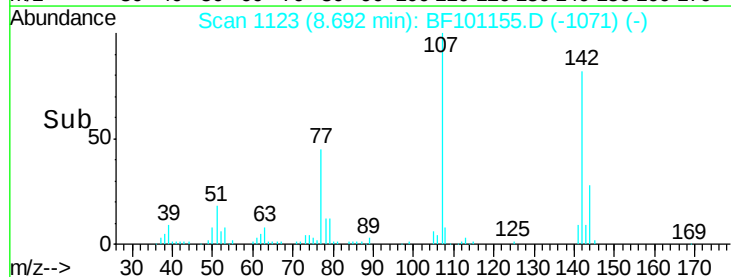
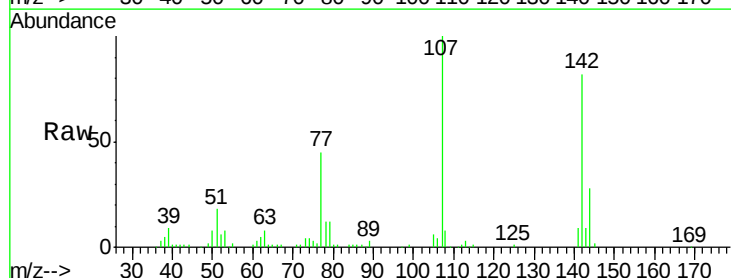
RT: 8.69 min Scan# 1123

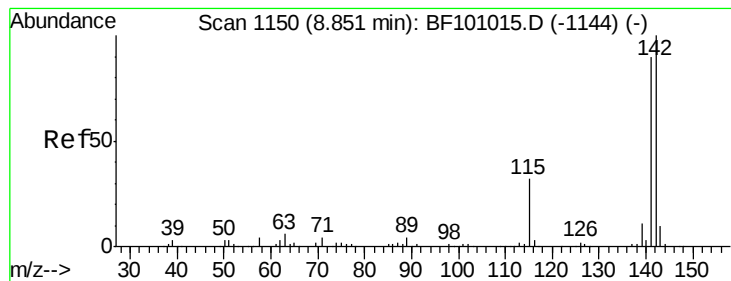
Delta R.T. 0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	107	Resp:	99421
Ion Ratio	Lower	Upper	
107	100		
144	27.5	20.5	30.7
142	82.2	62.0	93.0





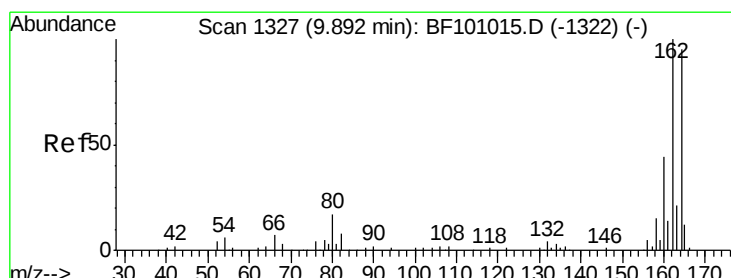
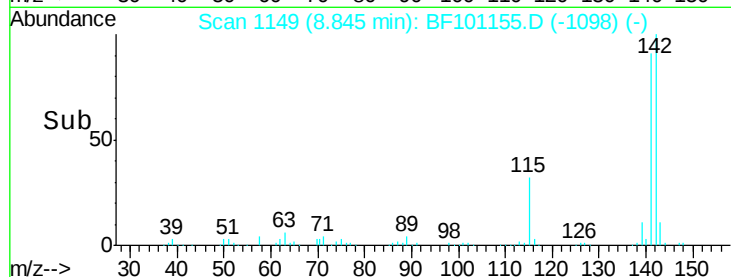
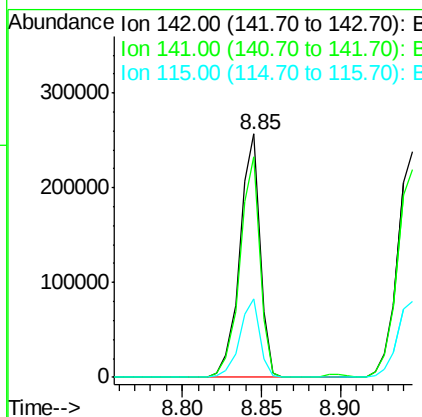
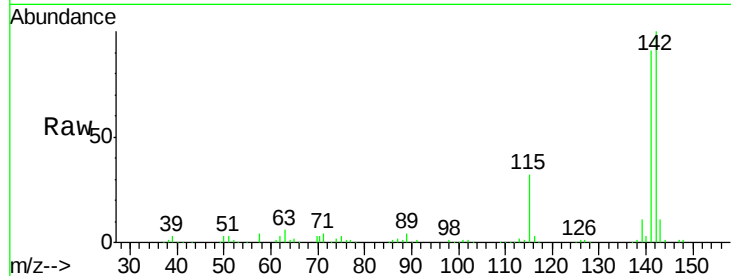
#37
2-Methylnaphthalene
Concen: 33.581 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	32.3	26.1	39.1

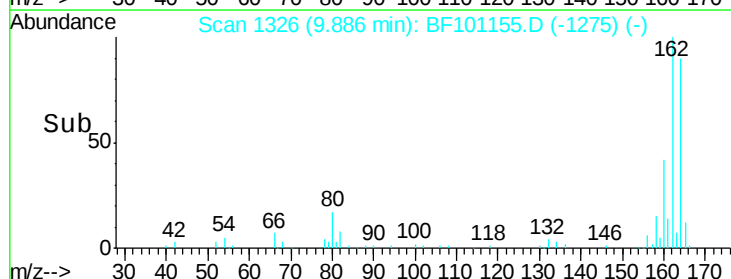
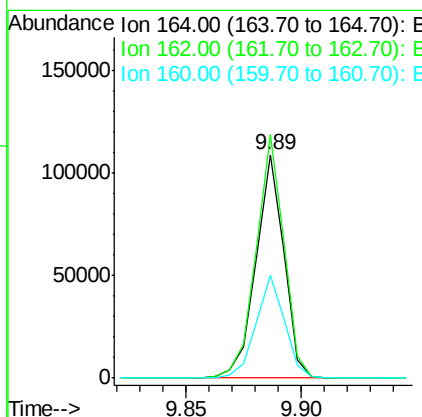
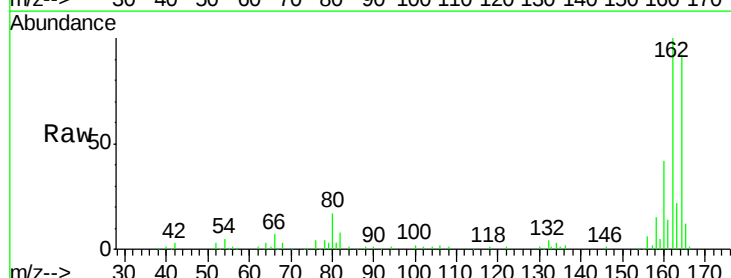
Manual Integrations
APPROVED

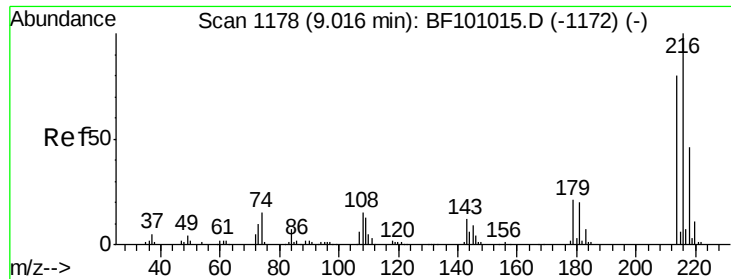
Sohil
12/6/2017 5:12:48 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.1	86.1	129.1
160	46.4	38.3	57.5





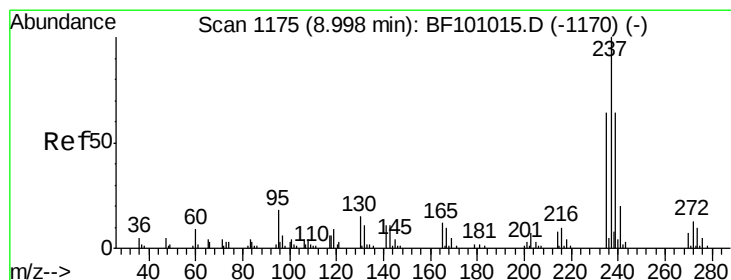
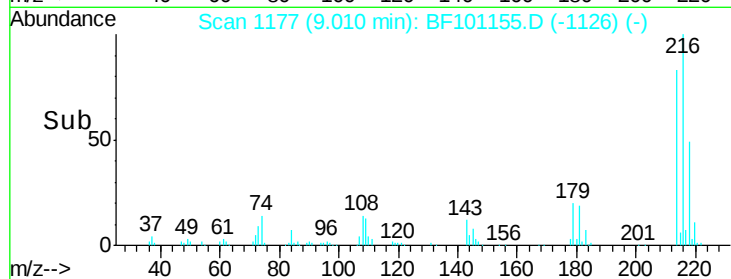
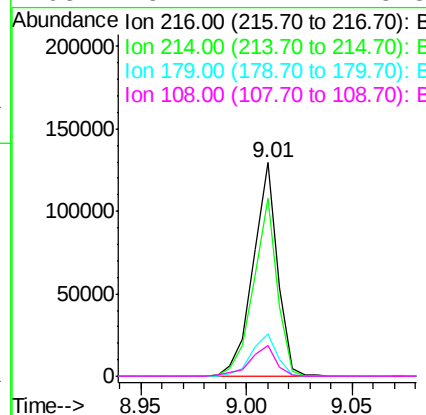
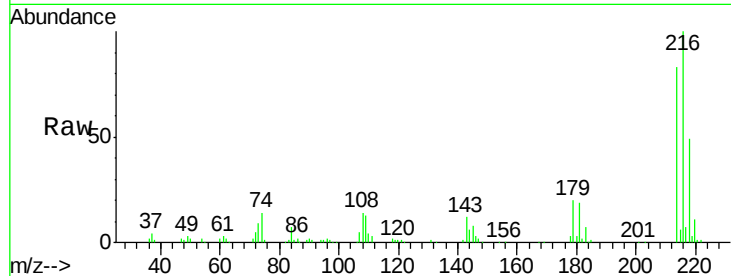
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.130 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.9	63.0	94.4
179	20.3	18.1	27.1
108	15.2	17.2	25.8

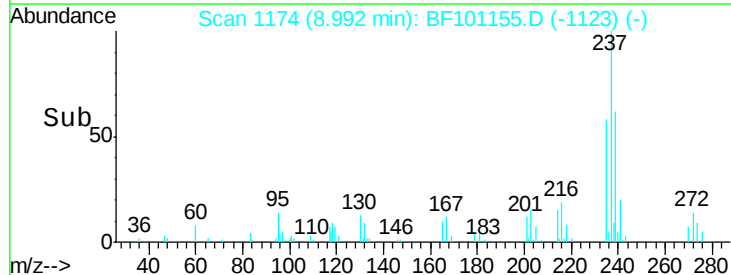
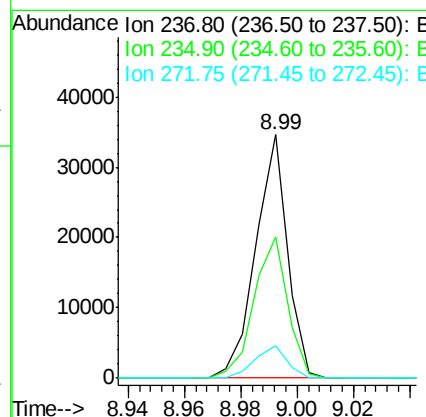
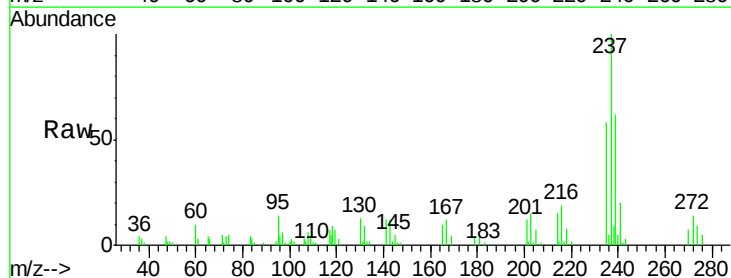
Manual Integrations
 APPROVED

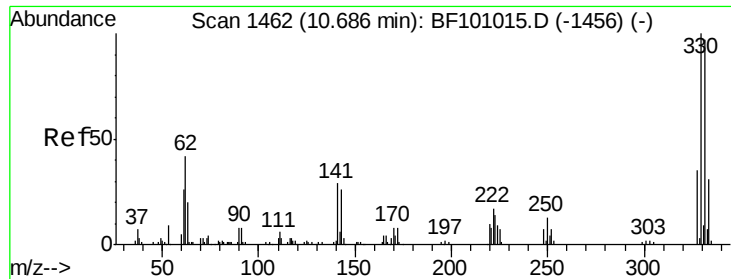
Sohil
 12/6/2017 5:12:48 PM



#40
 Hexachlorocyclopentadiene
 Concen: 28.031 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	58.1	44.8	84.8
272	13.5	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 85.445 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

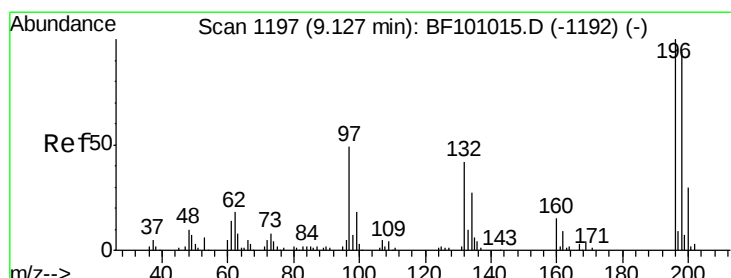
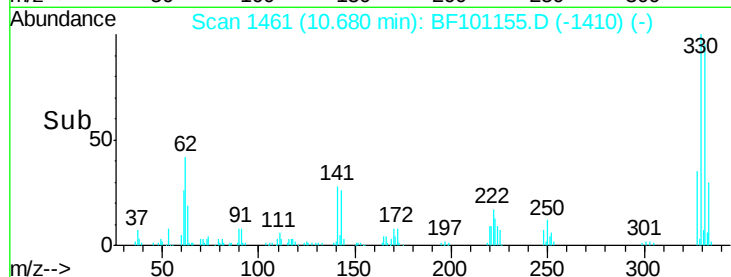
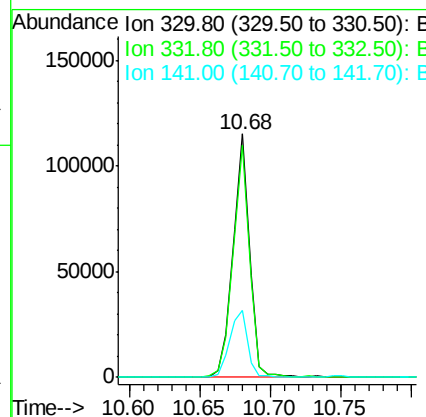
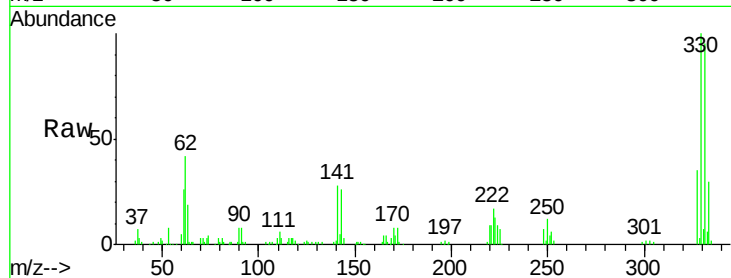
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:	330	Resp:	94696
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	29.7	29.9	44.9#

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#42

2,4,6-Trichlorophenol

Concen: 35.215 ng

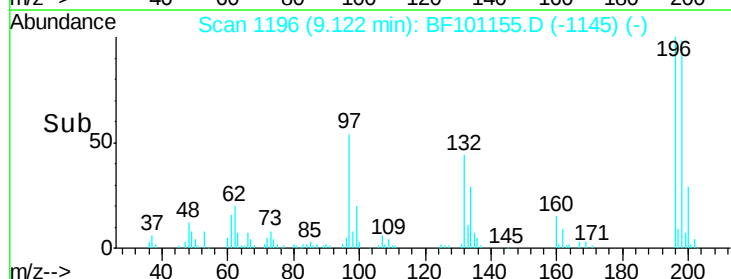
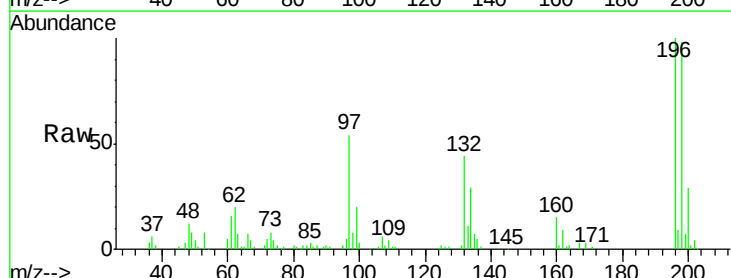
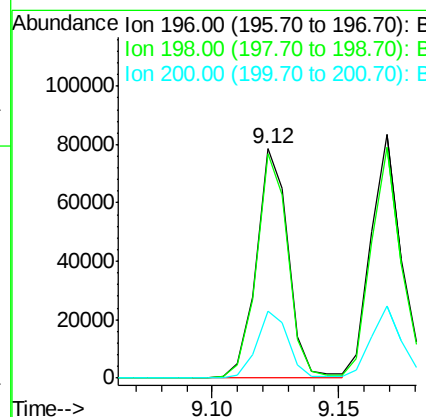
RT: 9.12 min Scan# 1196

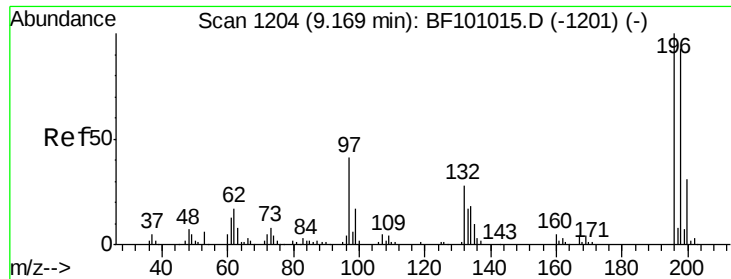
Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	196	Resp:	69186
Ion Ratio	Lower	Upper	
196	100		
198	98.2	75.7	113.5
200	29.2	24.5	36.7





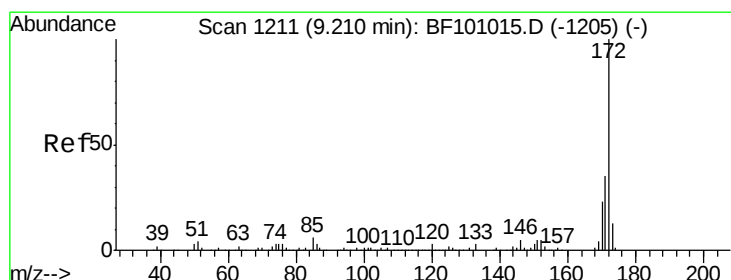
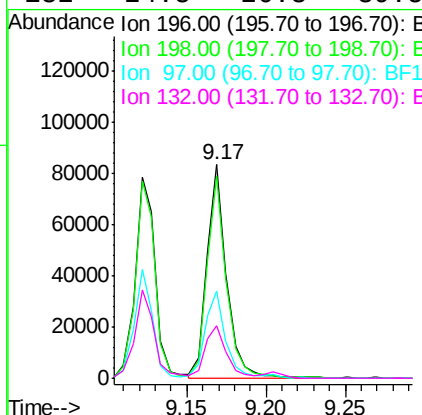
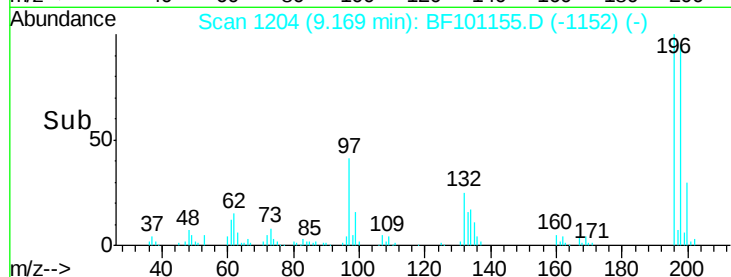
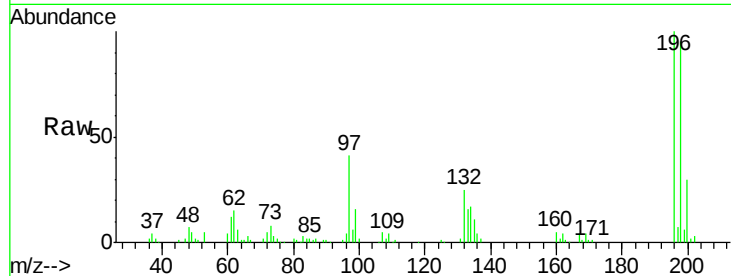
#43
 2,4,5-Trichlorophenol
 Concen: 34.693 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		72870		
198	94.8	74.6	112.0		
97	40.6	42.9	64.3		
132	24.8	26.3	39.5		

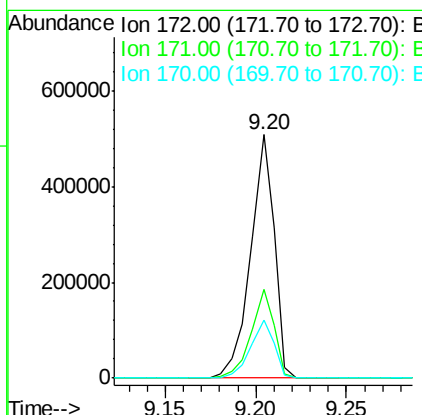
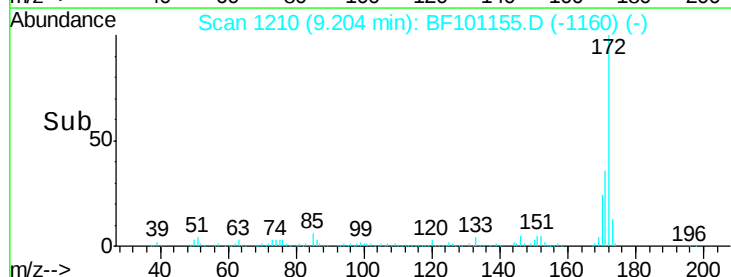
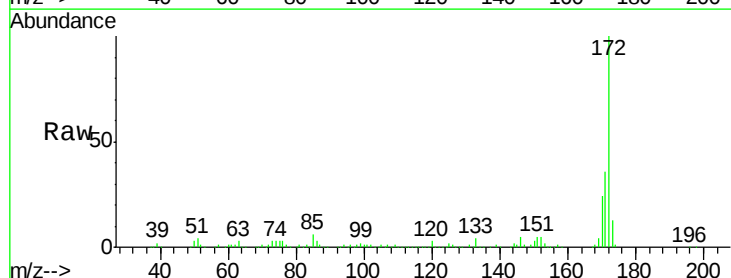
Manual Integrations
 APPROVED

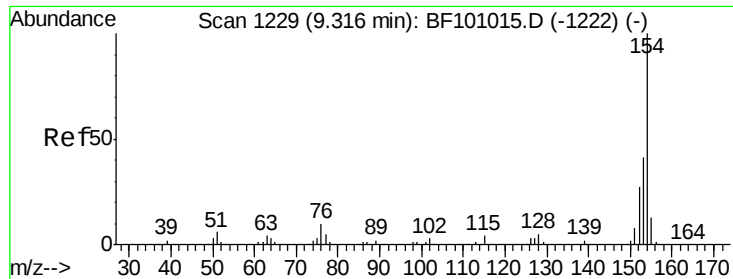
Sohil
 12/6/2017 5:12:48 PM



#44
 2-Fluorobiphenyl
 Concen: 68.267 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		460322		
171	36.3	29.7	44.5		
170	23.7	19.6	29.4		





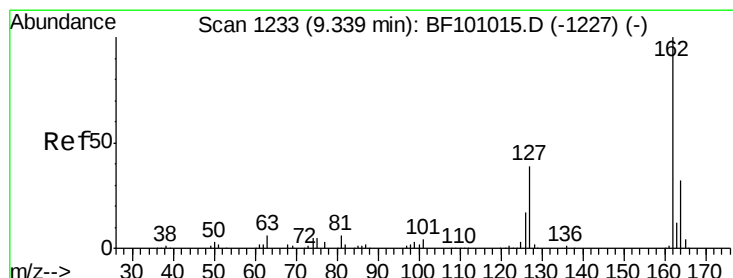
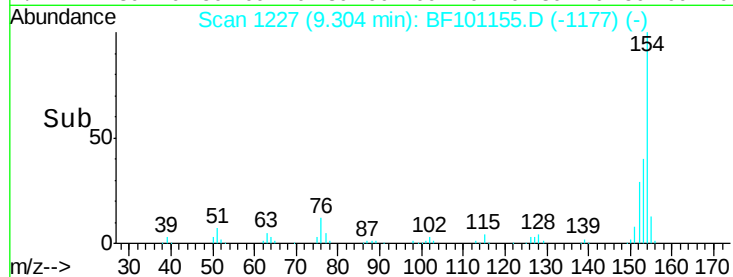
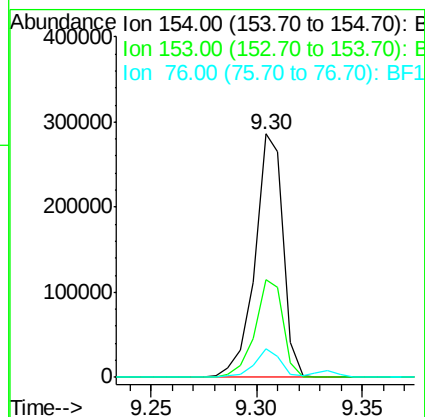
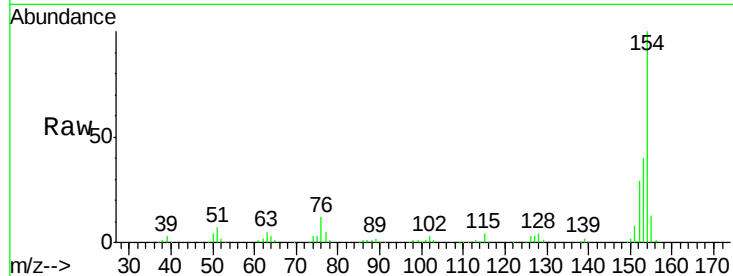
#45
 1,1'-Biphenyl
 Concen: 31.372 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion:	154	Resp:	265177
Ion Ratio	Lower	Upper	
154	100		
153	39.9	21.3	61.3
76	11.6	0.0	34.0

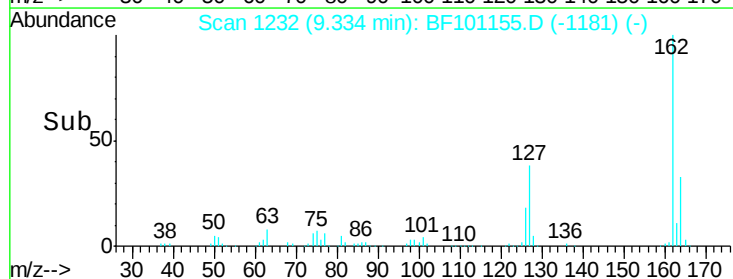
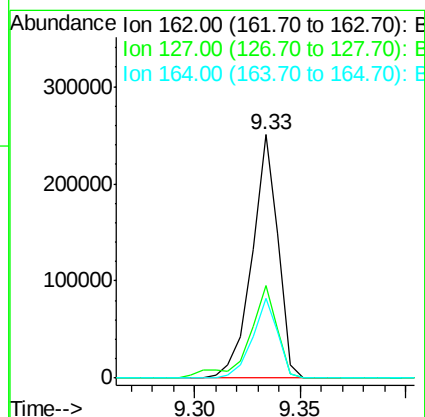
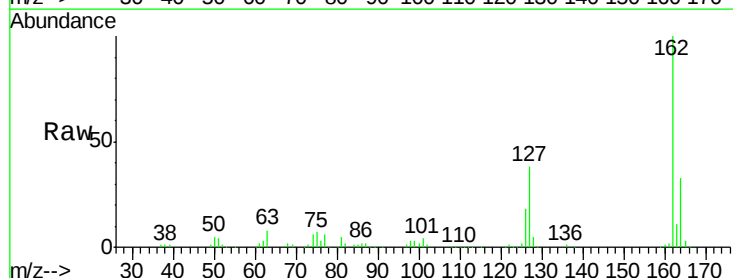
Manual Integrations
 APPROVED

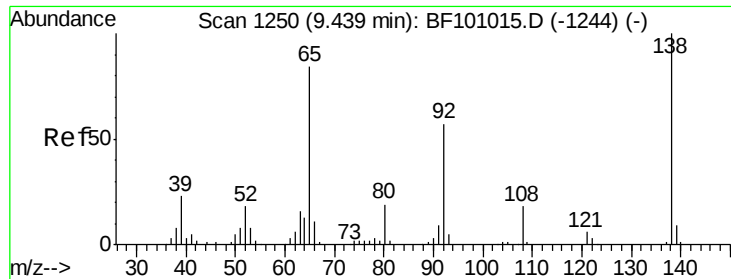
Sohil
 12/6/2017 5:12:48 PM



#46
 2-Chloronaphthalene
 Concen: 35.633 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion:	162	Resp:	213898
Ion Ratio	Lower	Upper	
162	100		
127	38.2	33.9	50.9
164	32.7	26.5	39.7





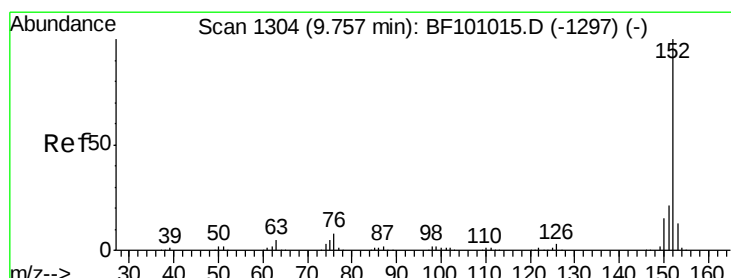
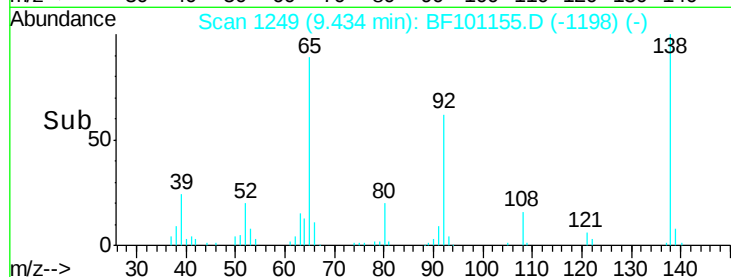
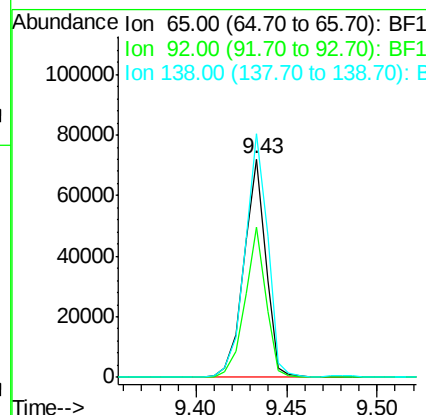
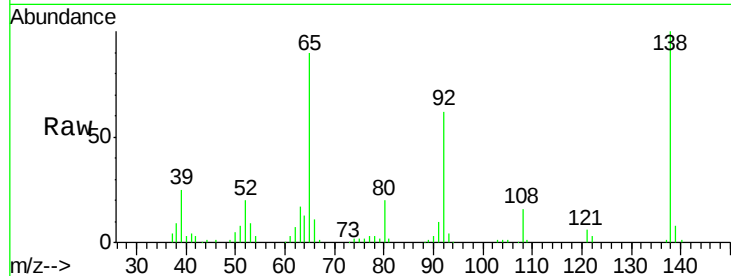
#47
2-Nitroaniline
Concen: 34.136 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.8	83.6
138	111.5	91.2	136.8

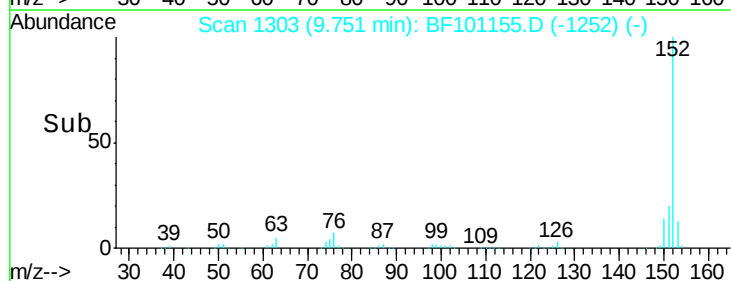
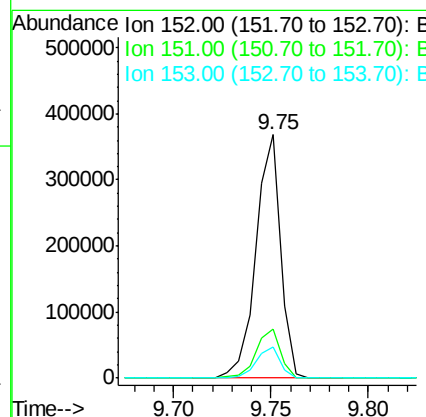
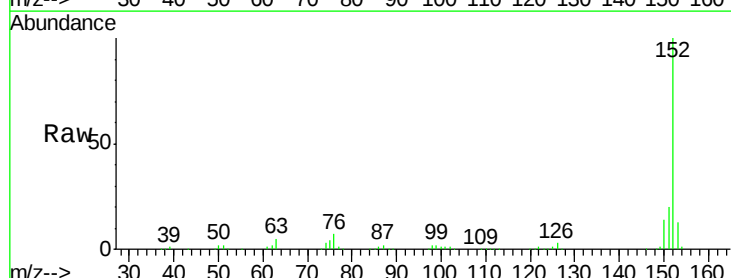
Manual Integrations
APPROVED

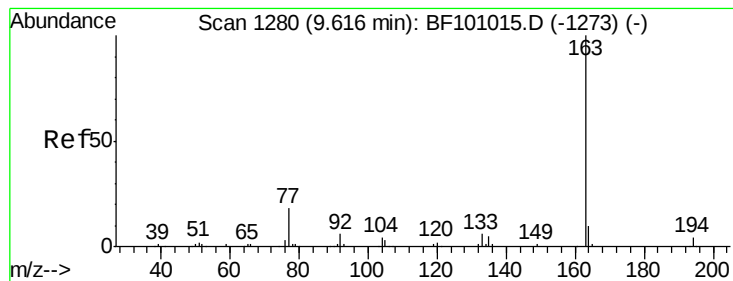
Sohil
12/6/2017 5:12:48 PM



#48
Acenaphthylene
Concen: 32.602 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.7	16.1





#49

Dimethylphthalate

Concen: 36.581 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

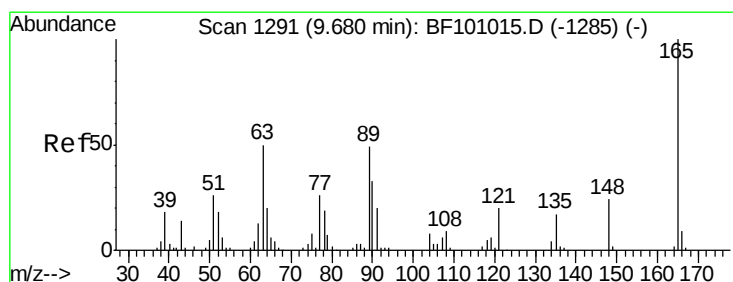
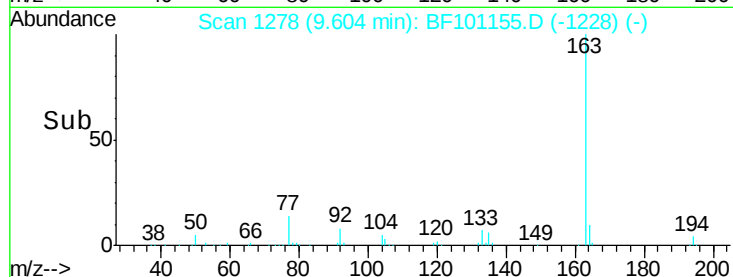
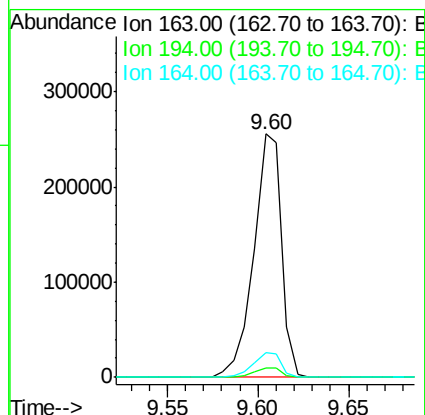
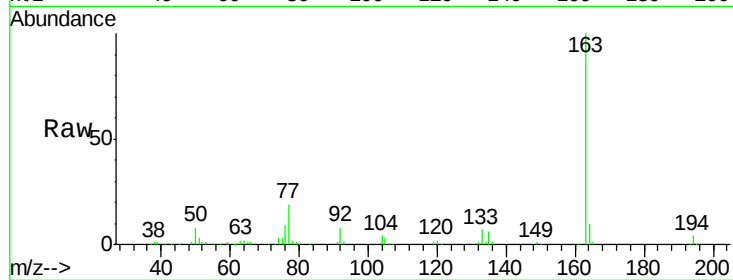
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:	163	Resp:	272175
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#50

2,6-Dinitrotoluene

Concen: 33.517 ng

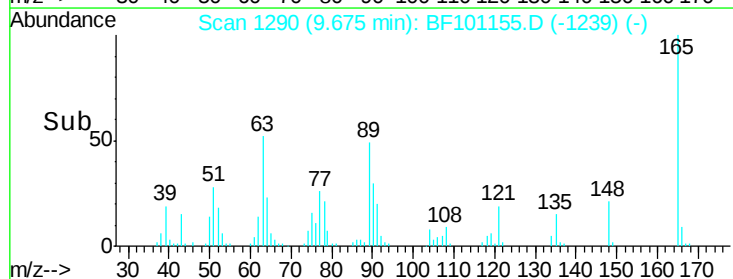
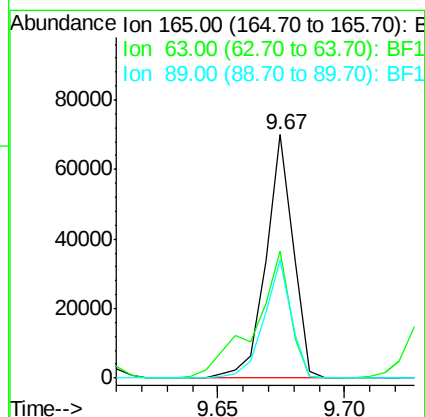
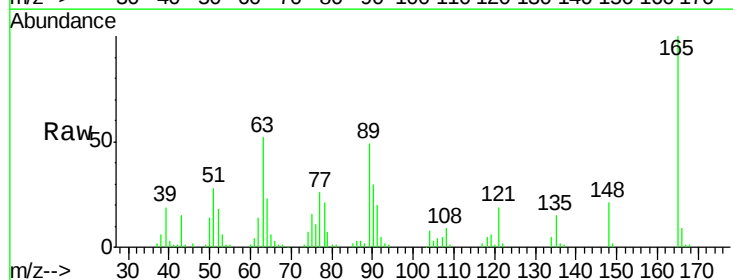
RT: 9.67 min Scan# 1290

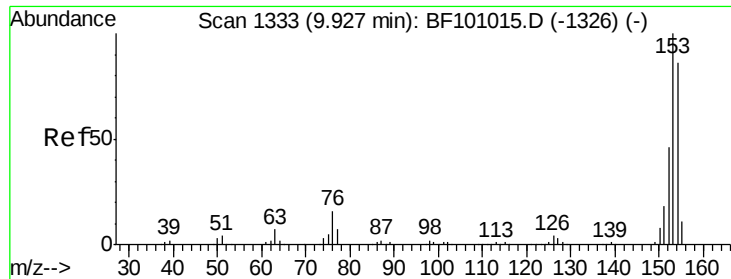
Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	165	Resp:	52524
Ion Ratio	Lower	Upper	
165	100		
63	52.1	44.7	67.1
89	48.6	44.0	66.0





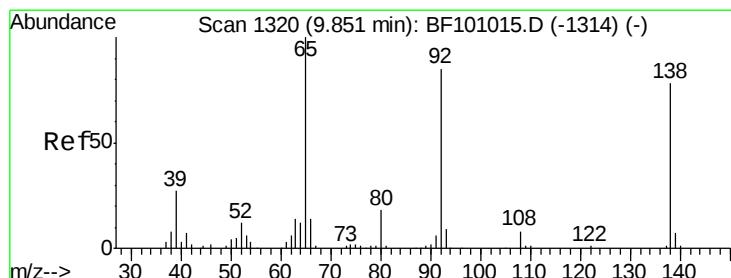
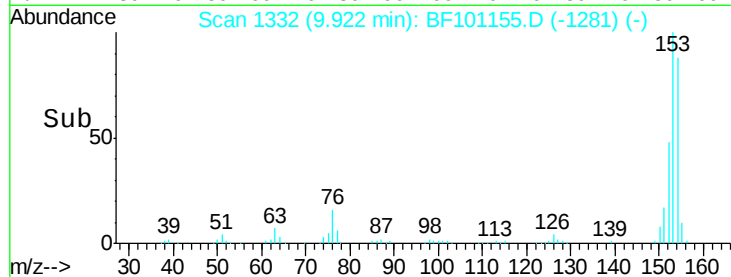
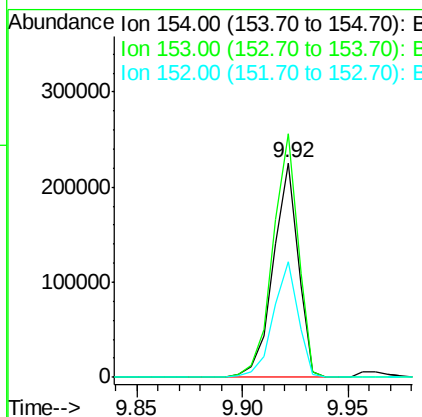
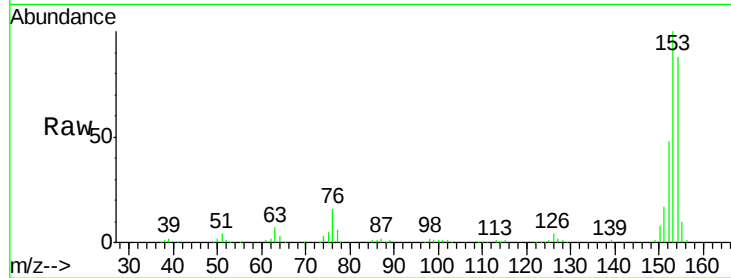
#51
Acenaphthene
Concen: 31.473 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.2	136.8
152	54.0	43.8	65.8

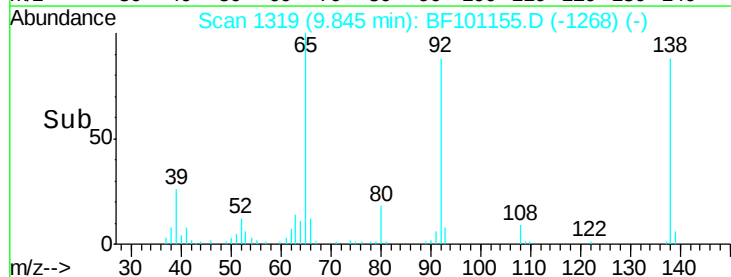
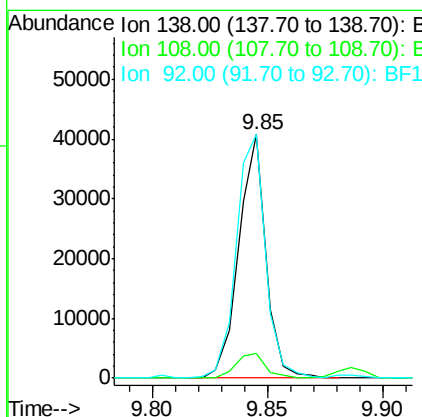
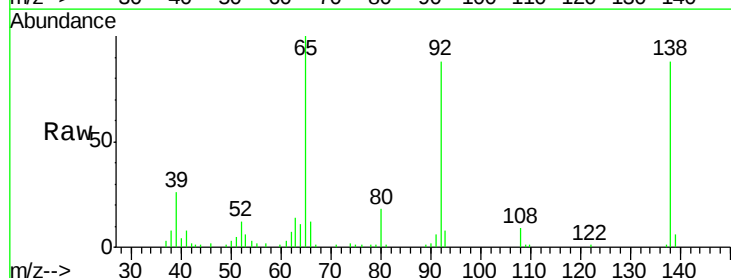
Manual Integrations
APPROVED

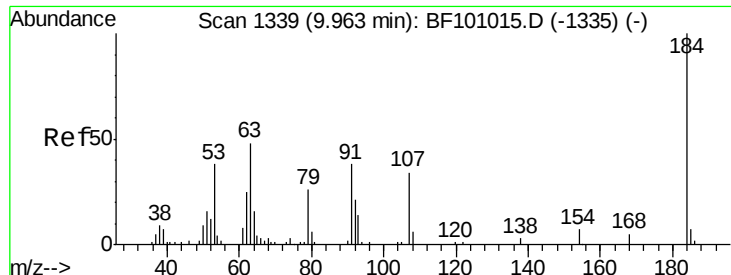
Sohil
12/6/2017 5:12:48 PM



#52
3-Nitroaniline
Concen: 18.873 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	100.1	89.4	134.2





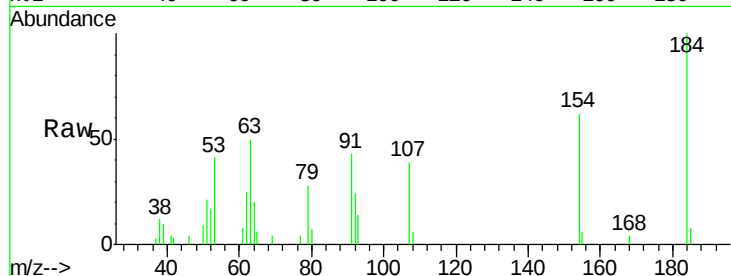
#53
2,4-Dinitrophenol
Concen: 17.494 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	49.6	54.2	81.2	#
154	62.0	184.0	276.0	#

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM

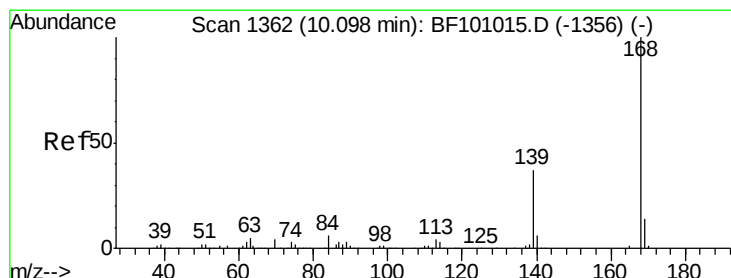
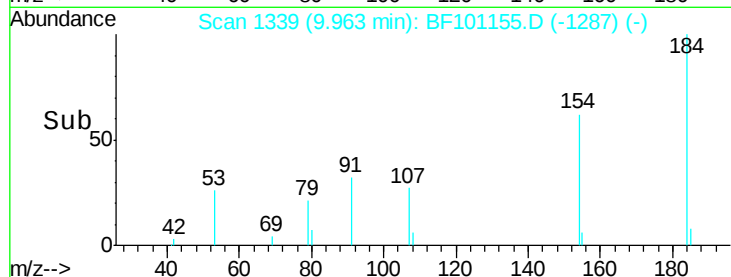
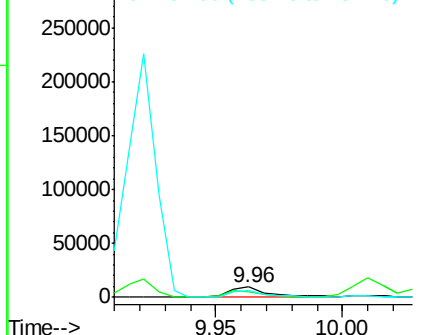


Abundance

Ion 184.00 (183.70 to 184.70): E

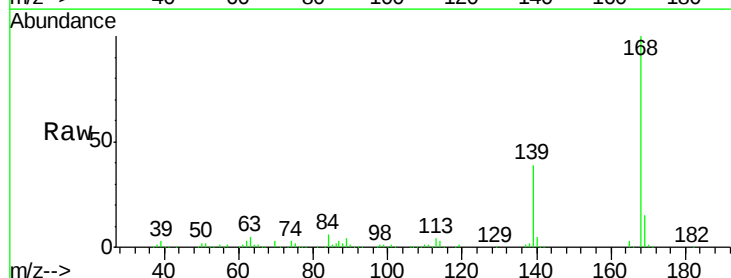
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 32.740 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	30.1	45.1	
169	14.9	10.9	16.3	

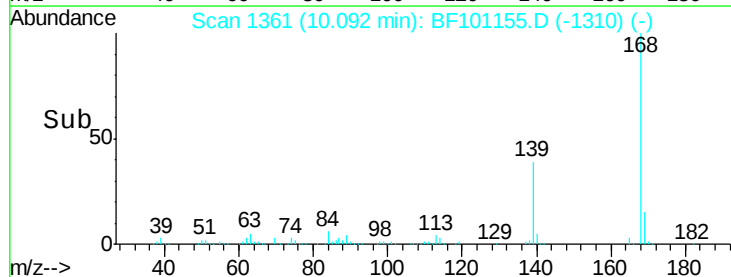
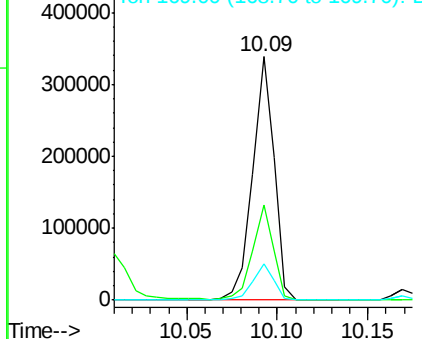


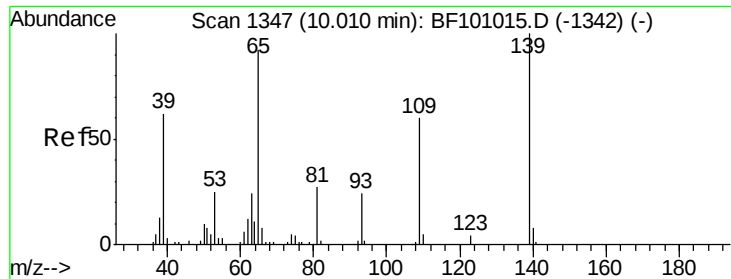
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





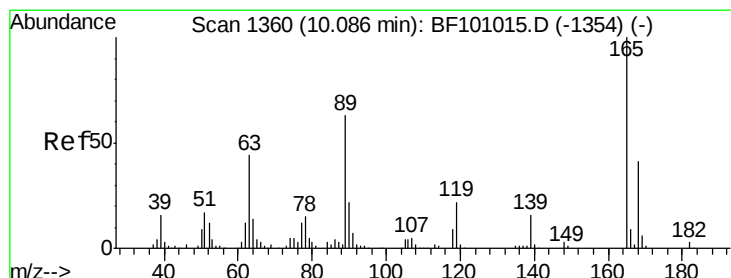
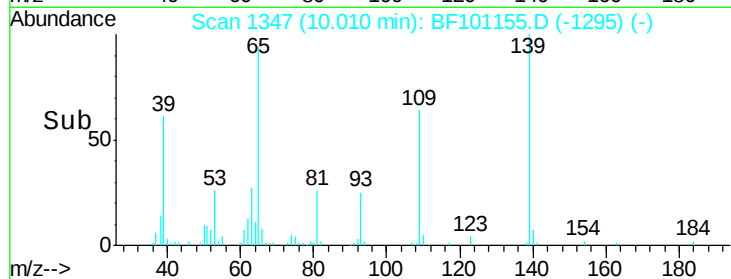
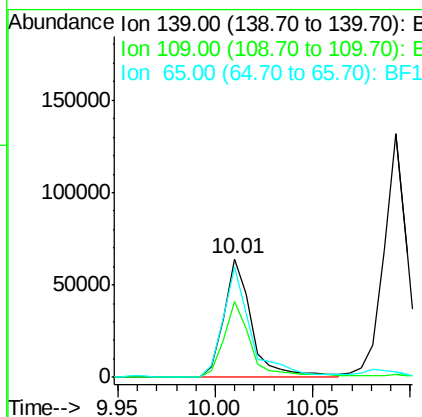
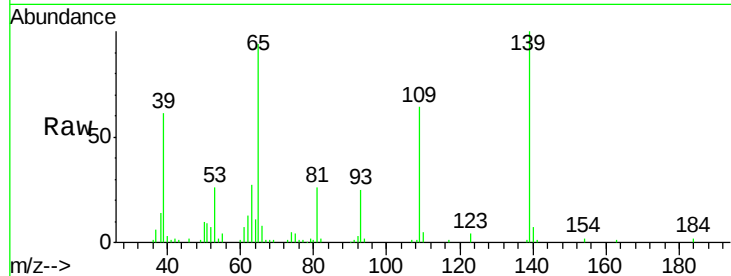
#55
4-Nitrophenol
Concen: 53.653 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.4	48.4	88.4
65	93.6	72.6	112.6

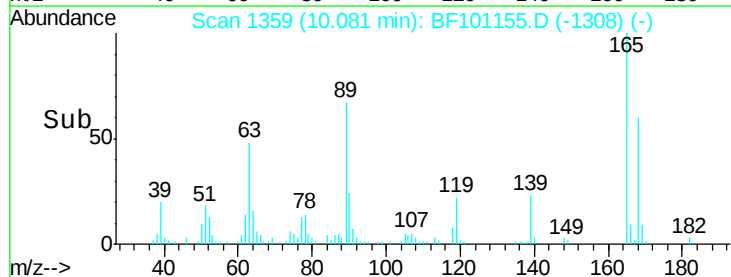
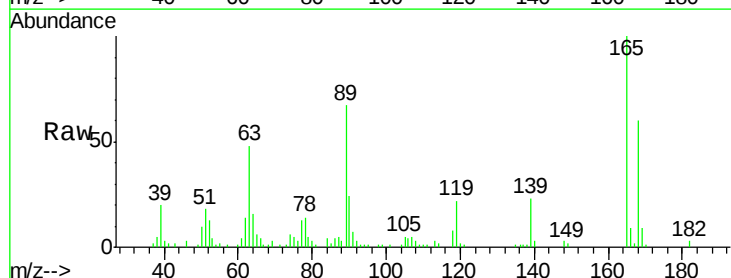
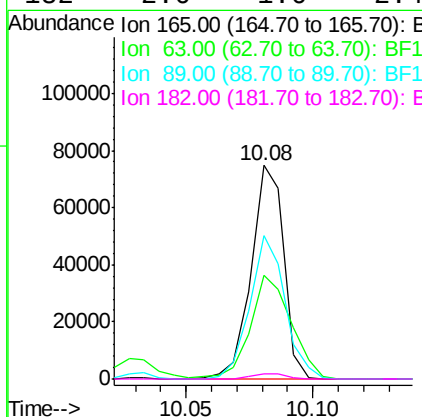
Manual Integrations
APPROVED

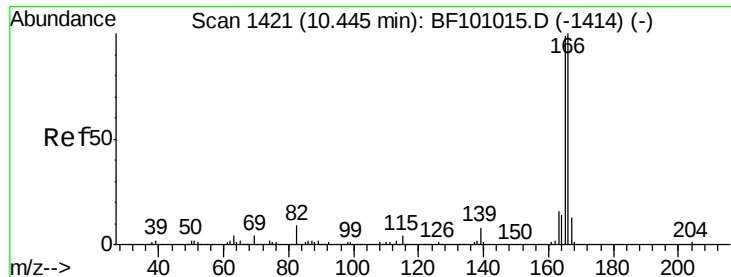
Sohil
12/6/2017 5:12:48 PM



#56
2,4-Dinitrotoluene
Concen: 31.795 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.4	36.4	54.6
89	67.0	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 32.377 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:166 Resp: 224054

Ion Ratio Lower Upper

166 100

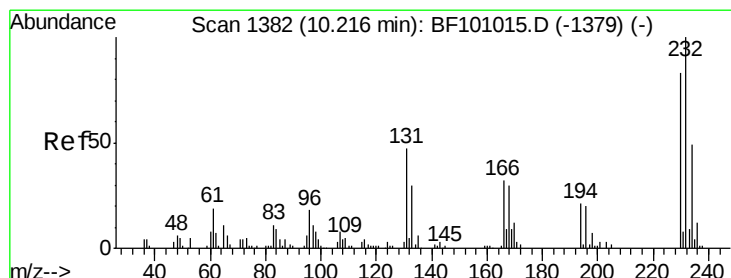
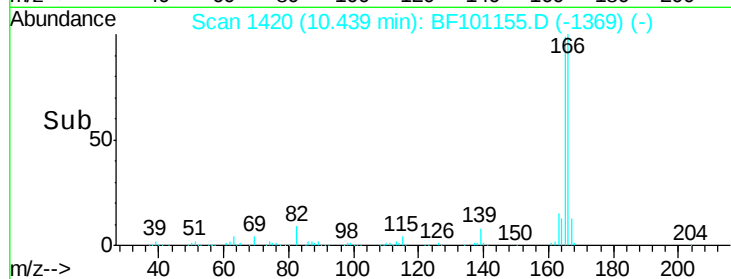
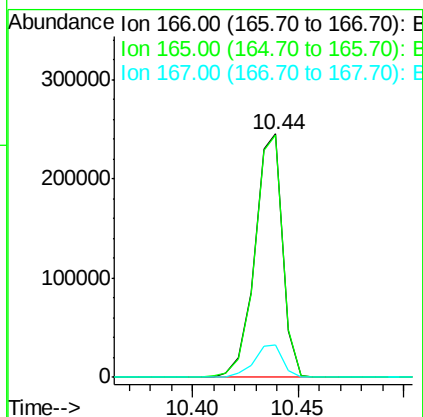
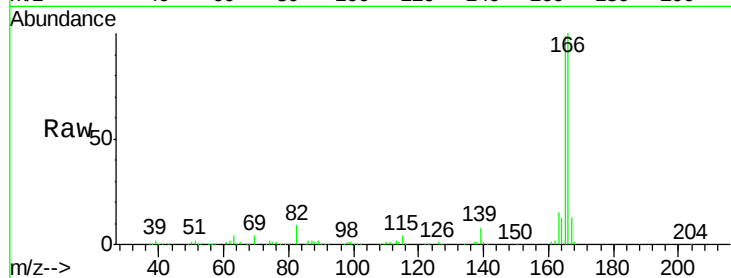
165 99.5 79.8 119.8

167 13.2 10.6 16.0

Manual Integrations
APPROVED

Sohil

12/6/2017 5:12:48 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.433 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:232 Resp: 56226

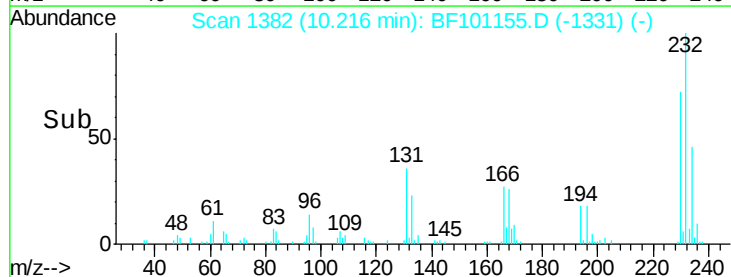
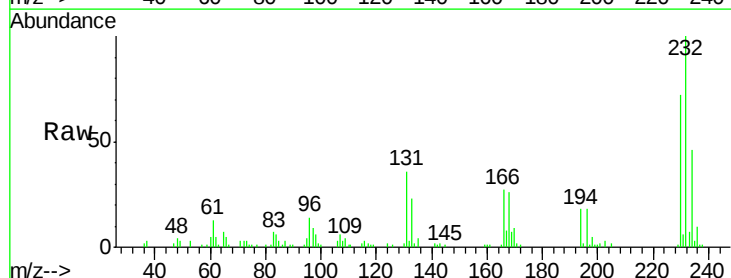
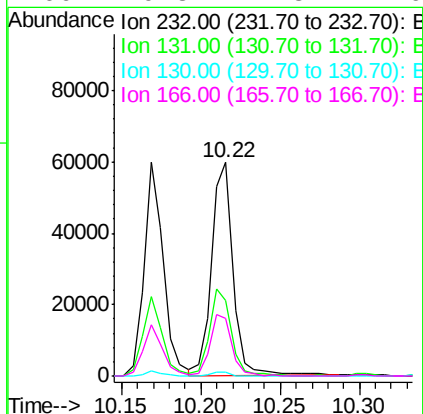
Ion Ratio Lower Upper

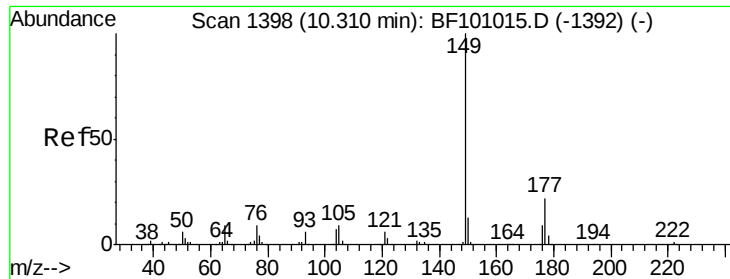
232 100

131 41.8 43.8 65.8#

130 1.7 2.1 3.1#

166 29.3 27.8 41.6





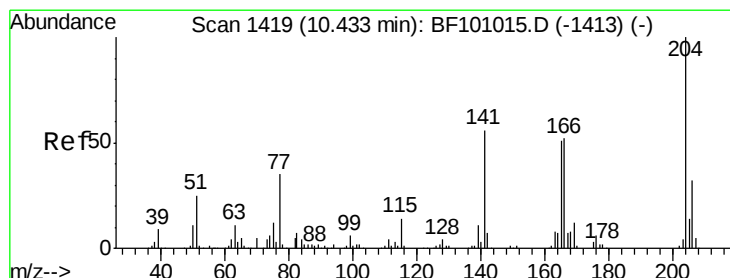
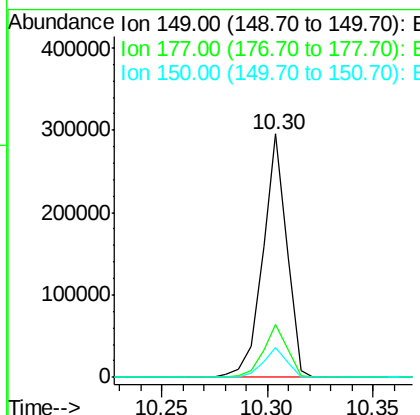
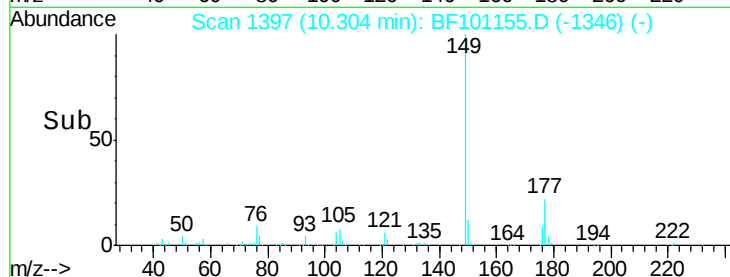
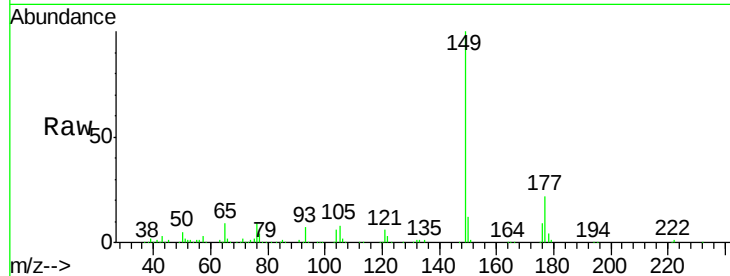
#59
Diethylphthalate
Concen: 31.835 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.0	16.1	24.1
150	12.3	10.1	15.1

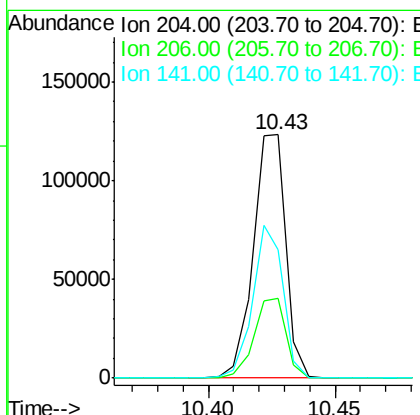
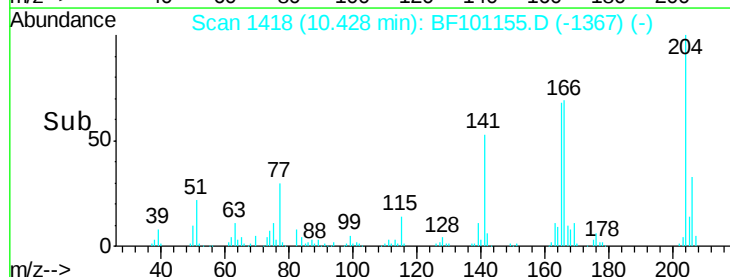
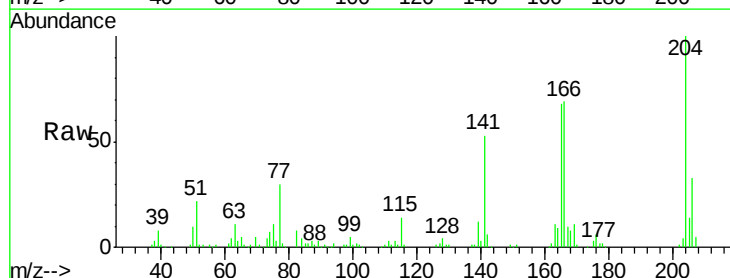
Manual Integrations
APPROVED

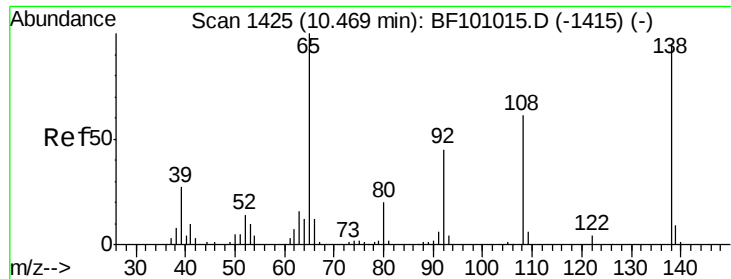
Sohil
12/6/2017 5:12:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.205 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.5	26.5	39.7
141	53.0	54.6	81.8#





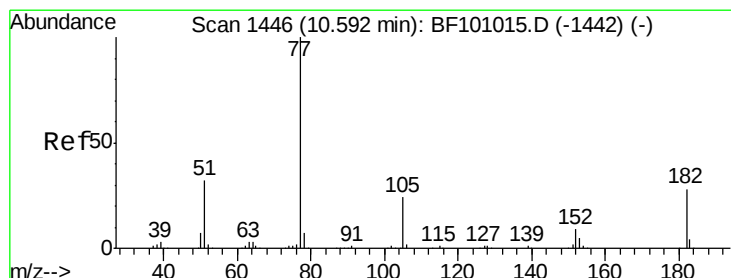
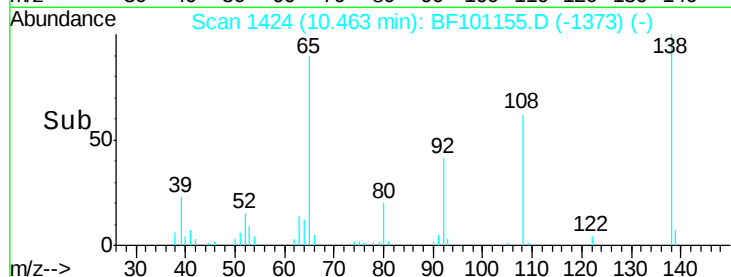
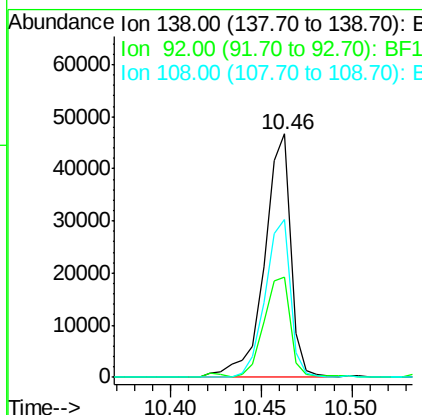
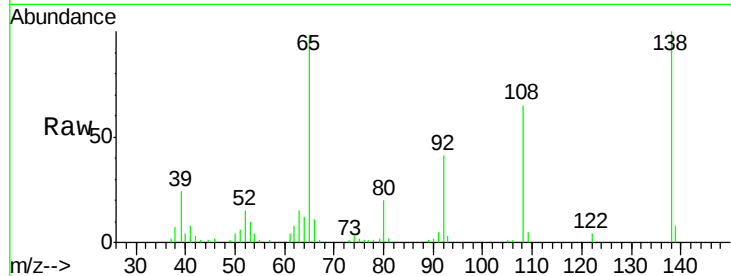
#61
4-Nitroaniline
Concen: 25.904 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.1	30.2	70.2
108	64.9	52.5	92.5

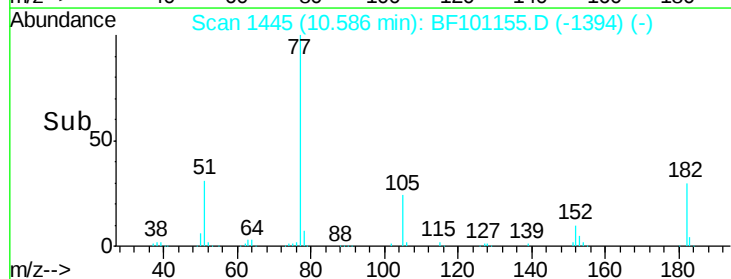
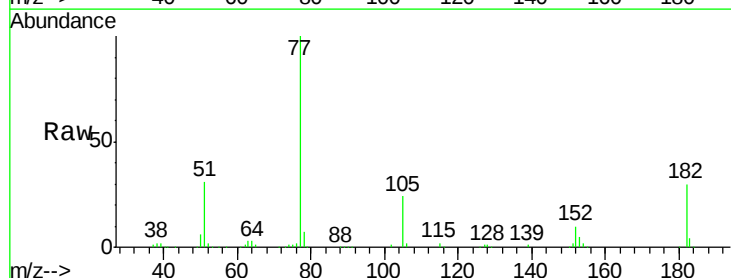
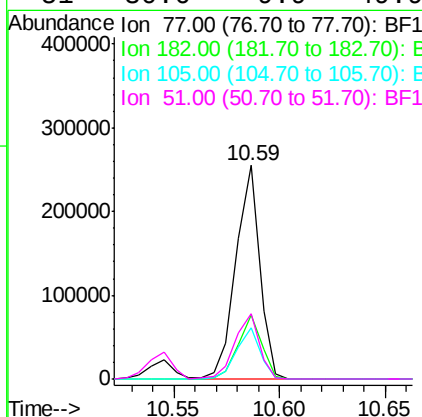
Manual Integrations
APPROVED

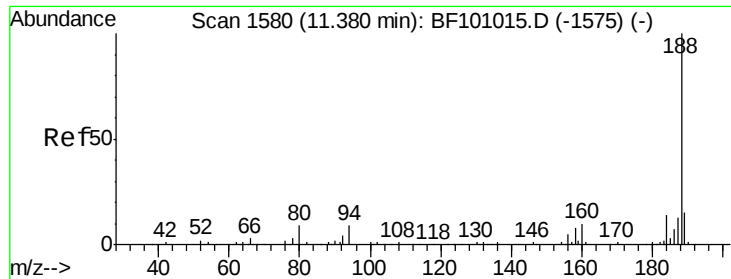
Sohil
12/6/2017 5:12:48 PM



#62
Azobenzene
Concen: 31.981 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.8	1.7	41.7
105	24.1	3.0	43.0
51	30.6	9.9	49.9





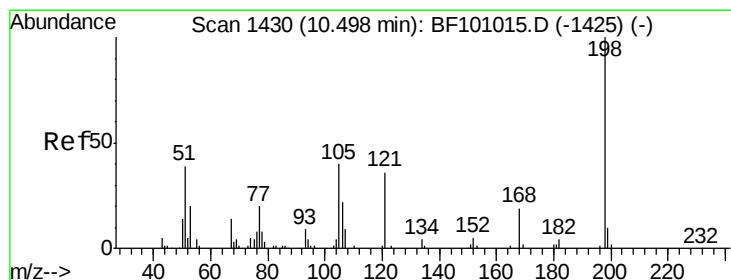
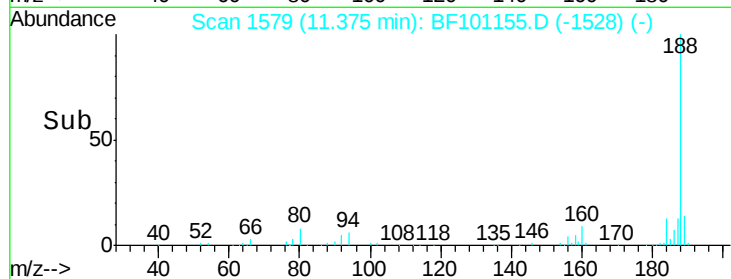
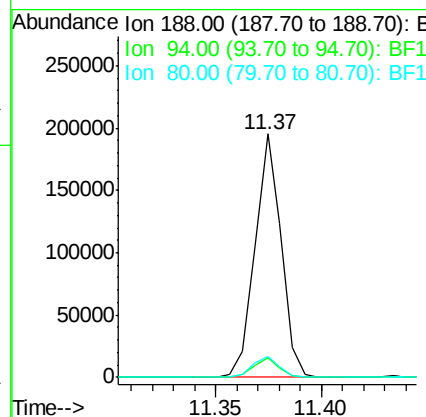
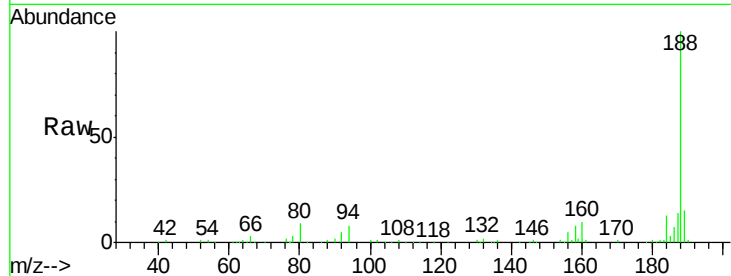
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.6	9.2	13.8#

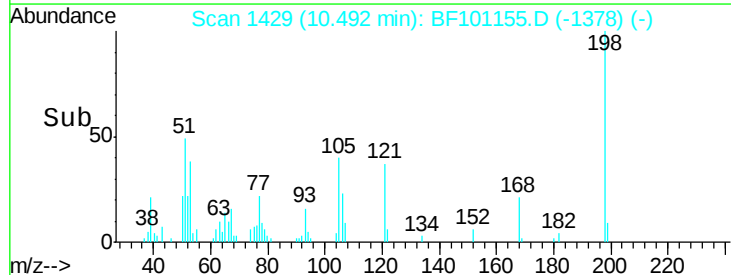
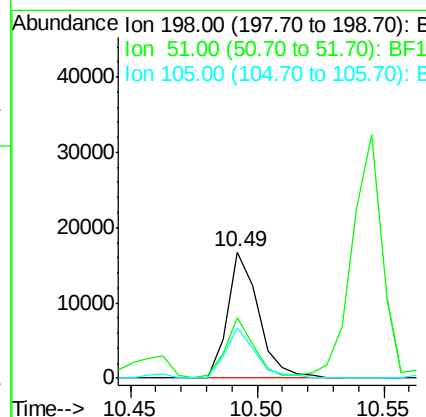
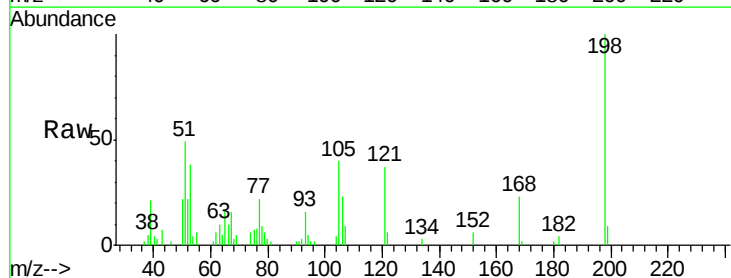
Manual Integrations
 APPROVED

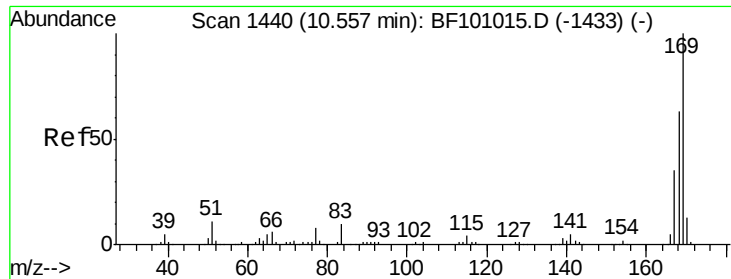
Sohil
 12/6/2017 5:12:48 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.614 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.6	37.7	77.7
105	40.5	36.3	76.3





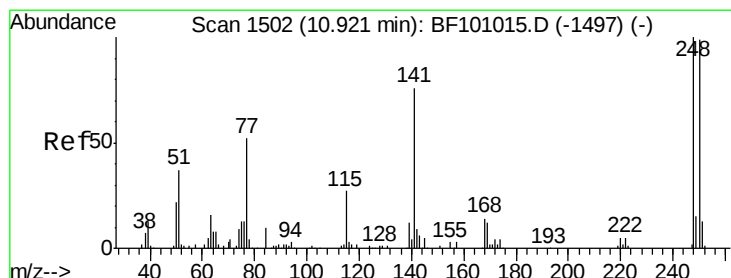
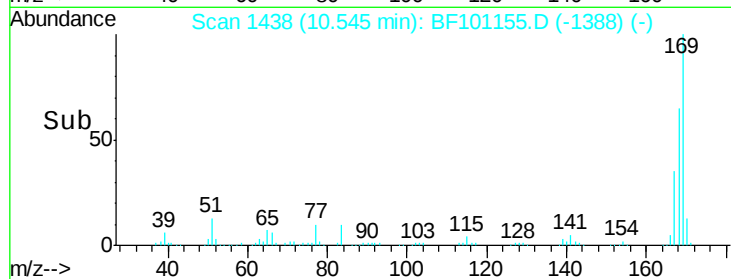
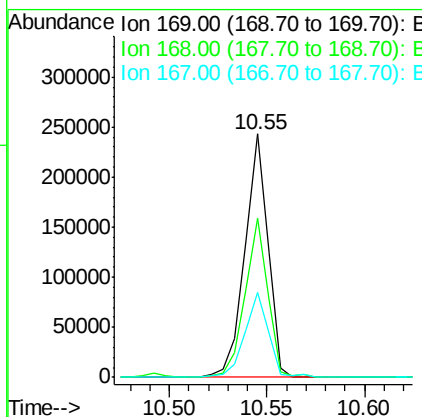
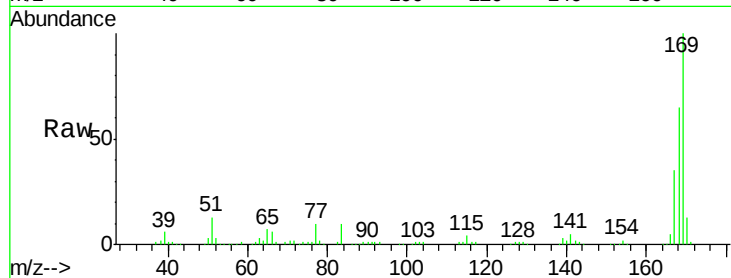
#65
n-Nitrosodiphenylamine
Concen: 33.776 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	199932		
168	65.5	54.4	81.6	
167	34.8	29.8	44.6	

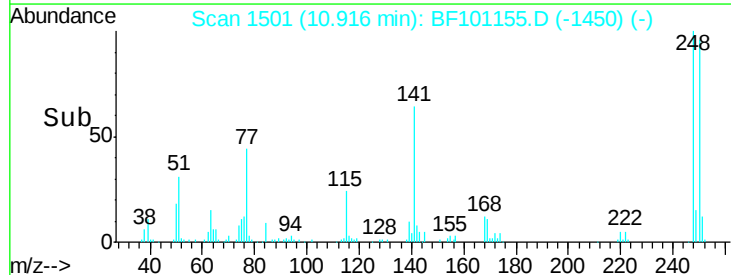
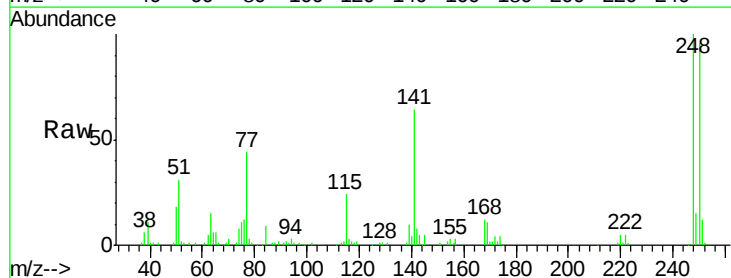
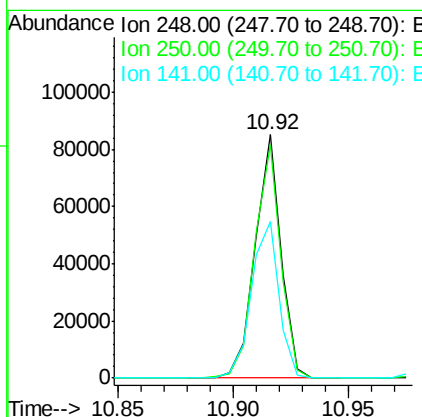
Manual Integrations
APPROVED

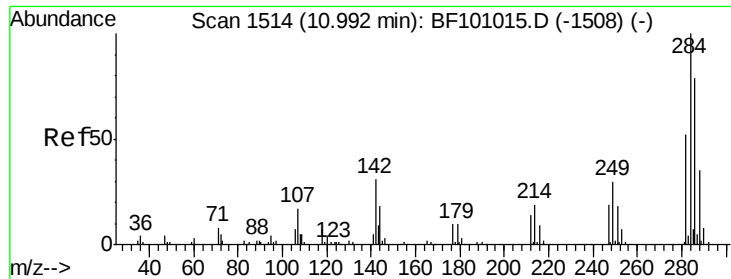
Sohil
12/6/2017 5:12:48 PM



#66
4-Bromophenyl-phenylether
Concen: 35.484 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	66641		
250	95.9	76.9	115.3	
141	64.1	74.4	111.6	





#67

Hexachlorobenzene

Concen: 33.287 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

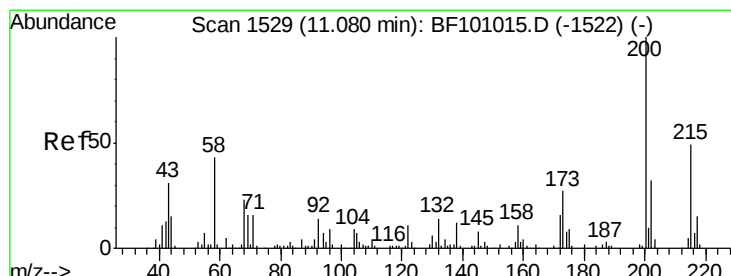
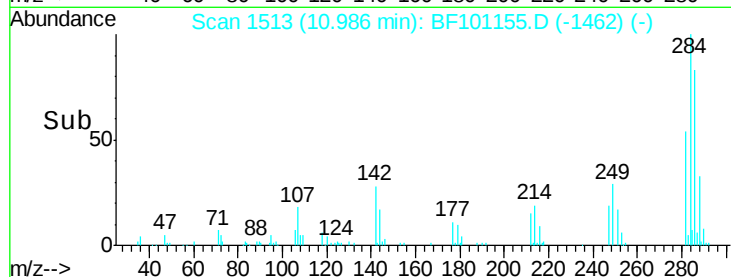
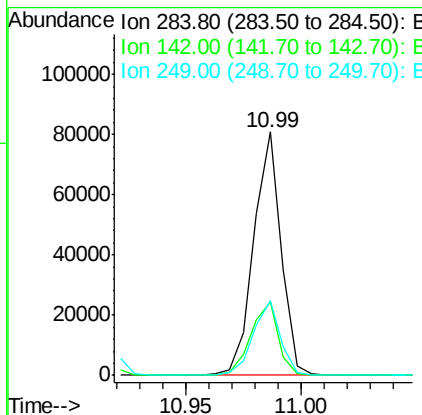
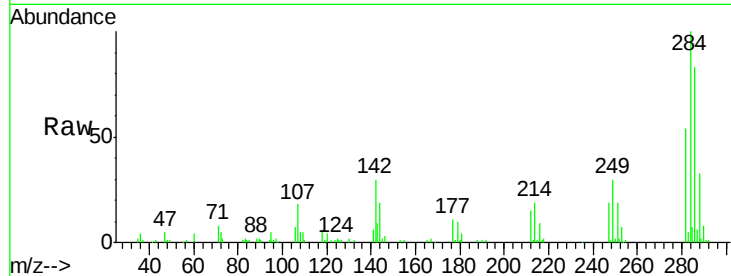
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:	284	Resp:	67000
Ion Ratio	Lower	Upper	
284	100		
142	30.1	34.6	52.0#
249	30.4	24.8	37.2

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#68

Atrazine

Concen: 35.568 ng

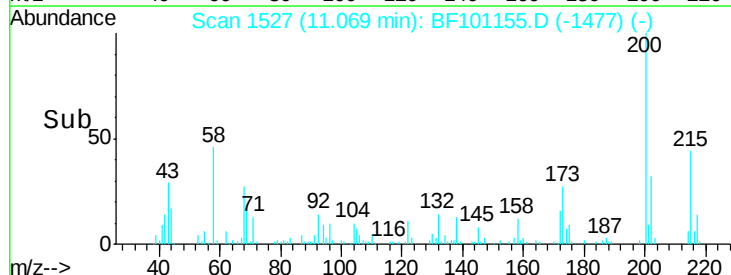
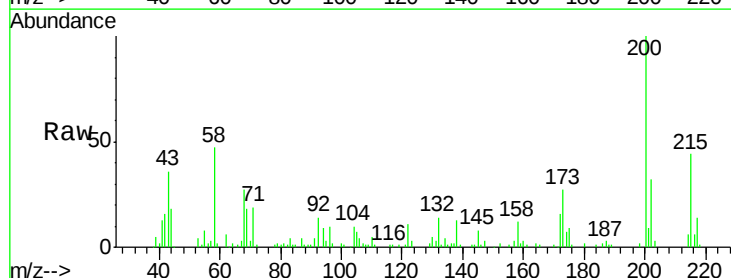
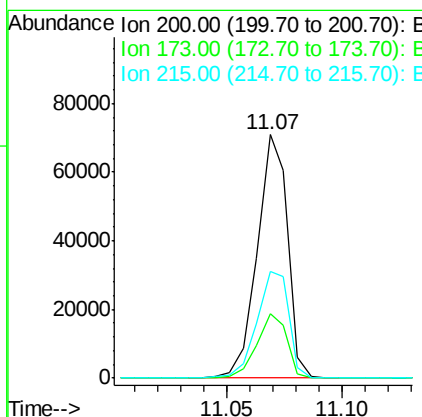
RT: 11.07 min Scan# 1527

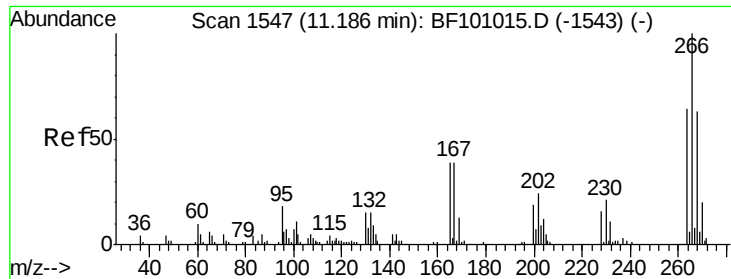
Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	200	Resp:	64582
Ion Ratio	Lower	Upper	
200	100		
173	26.6	8.6	48.6
215	43.6	25.1	65.1





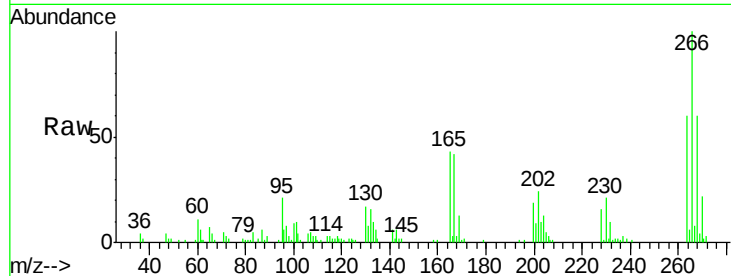
#69
 Pentachlorophenol
 Concen: 49.438 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

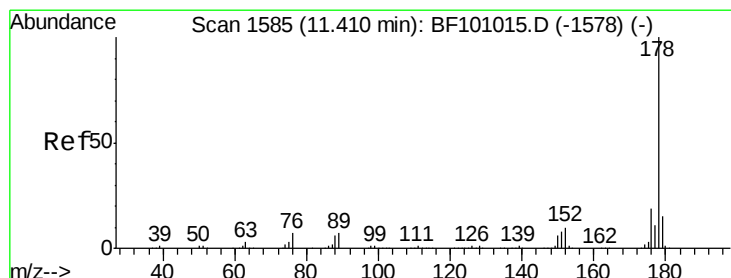
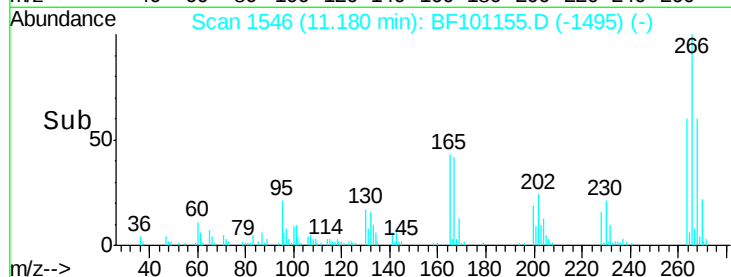
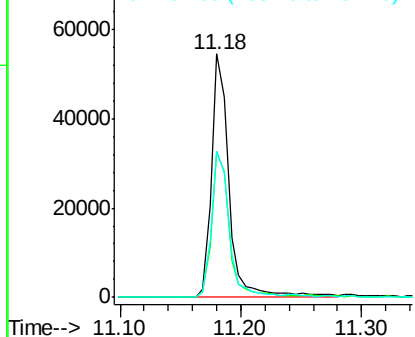
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.8	51.1	76.7
264	60.2	49.5	74.3

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:48 PM

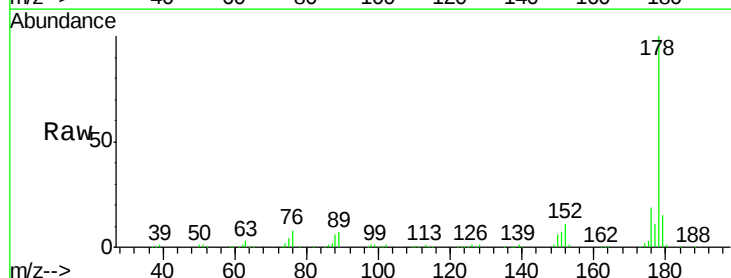


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

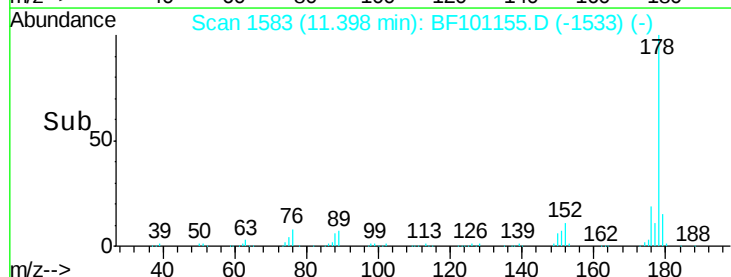
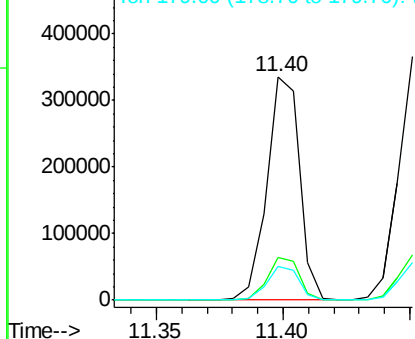


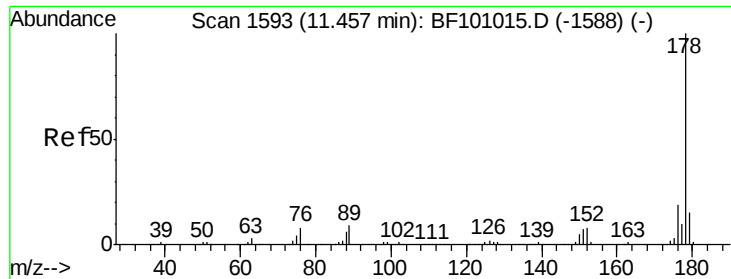
#70
 Phenanthrene
 Concen: 33.002 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.9	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





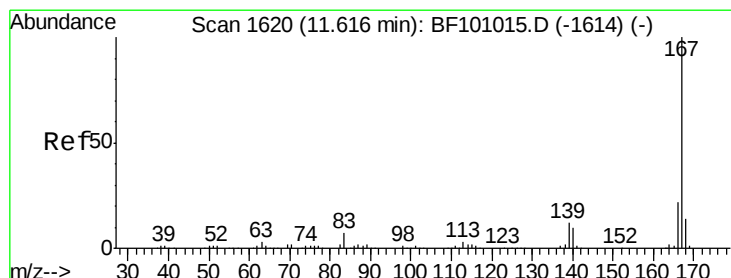
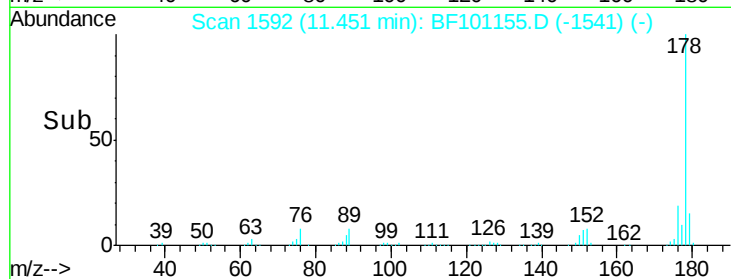
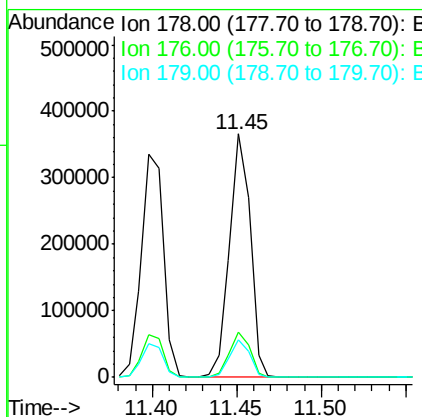
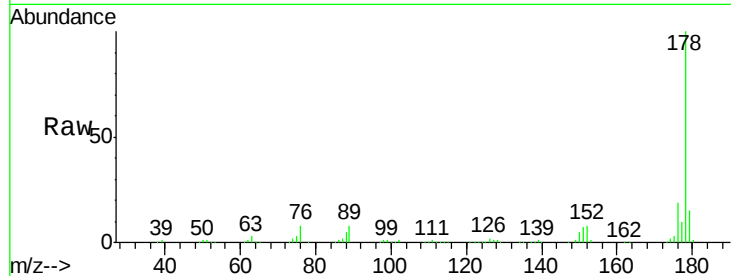
#71
 Anthracene
 Concen: 33.563 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.2	12.6	19.0

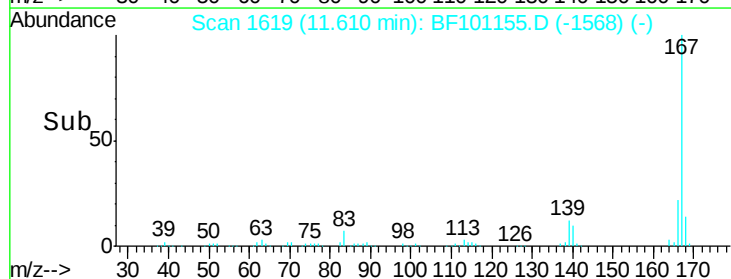
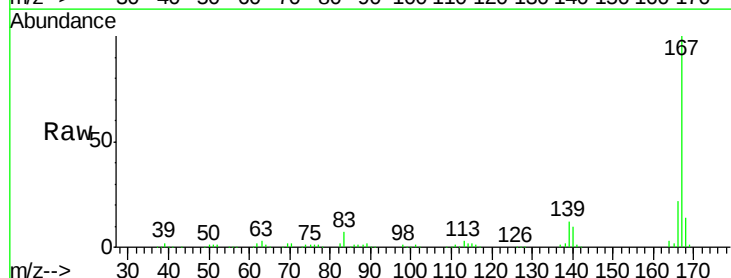
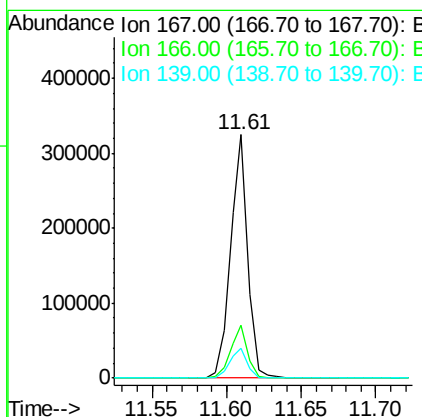
Manual Integrations
 APPROVED

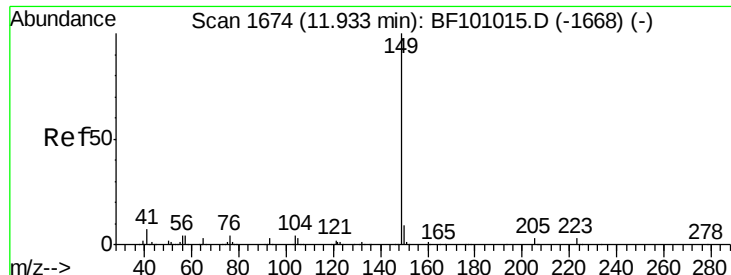
Sohil
 12/6/2017 5:12:48 PM



#72
 Carbazole
 Concen: 30.997 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.5	10.9	16.3





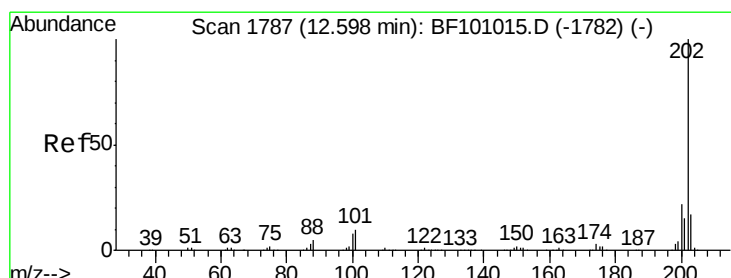
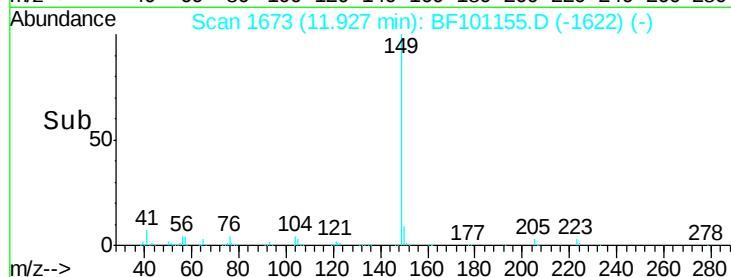
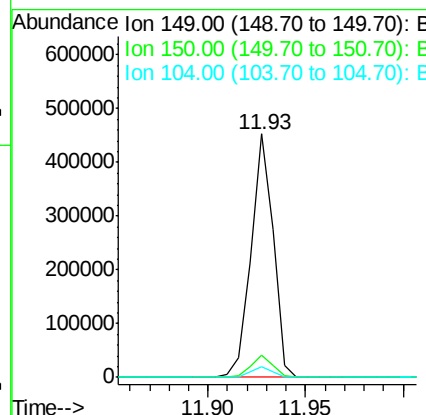
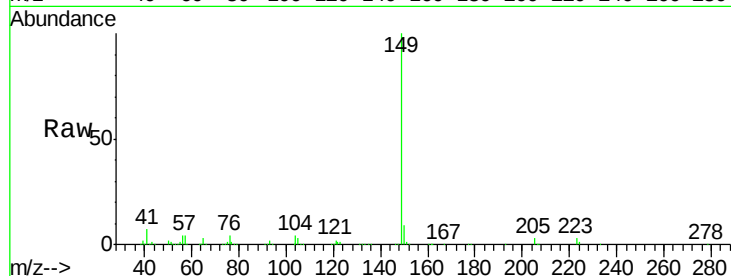
#73
Di-n-butylphthalate
Concen: 33.234 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.8	11.6	
104	4.2	3.8	5.8	

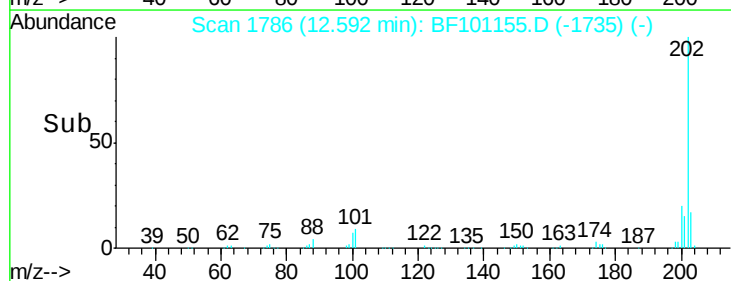
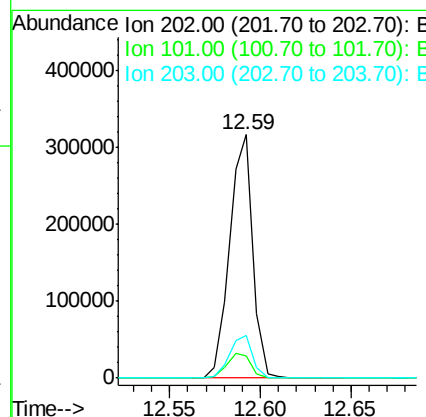
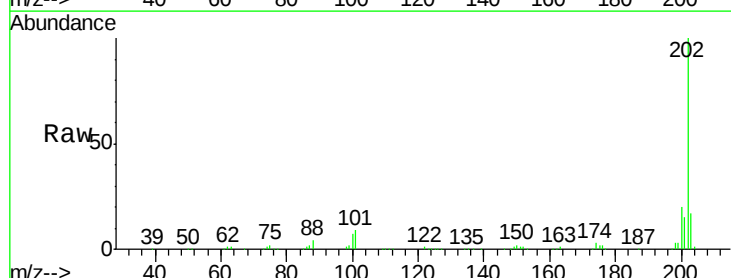
Manual Integrations
APPROVED

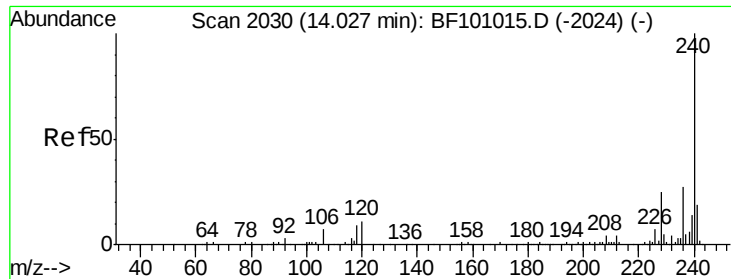
Sohil
12/6/2017 5:12:48 PM



#74
Fluoranthene
Concen: 27.432 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.0	0.0	34.1	
203	17.3	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

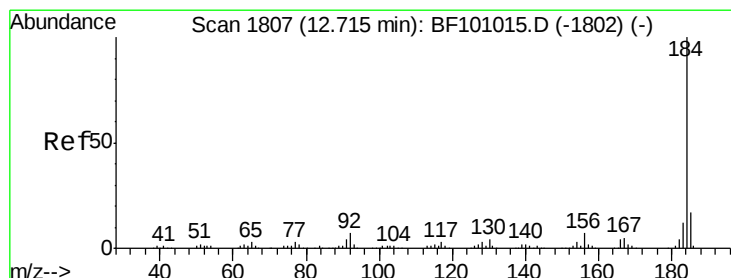
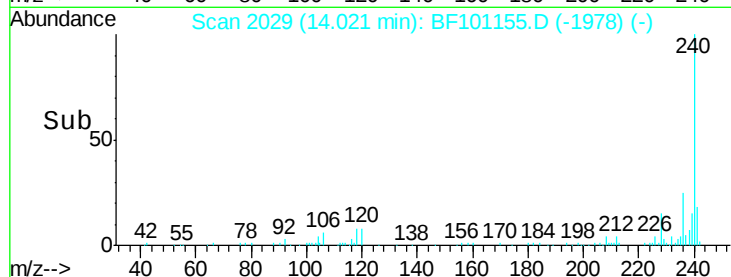
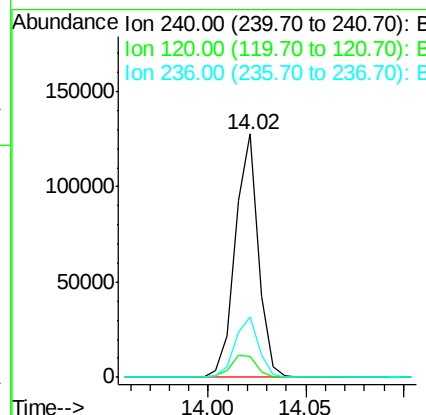
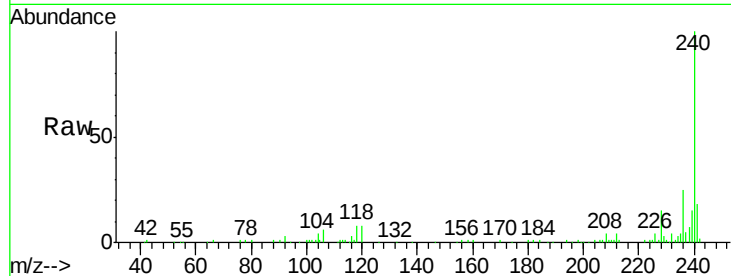
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	24.9	20.7	31.1

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#76

Benzidine

Concen: 8.694 ng

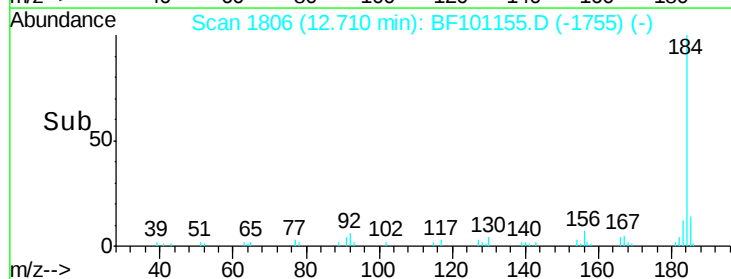
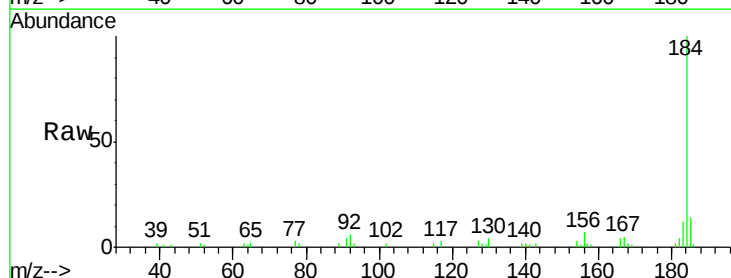
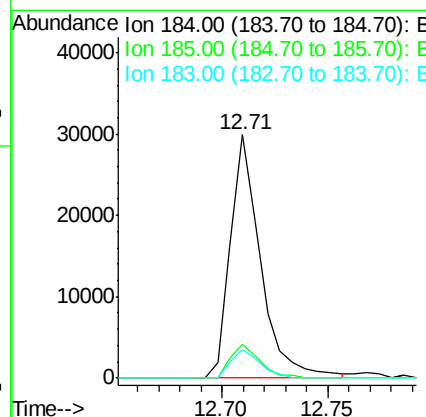
RT: 12.71 min Scan# 1806

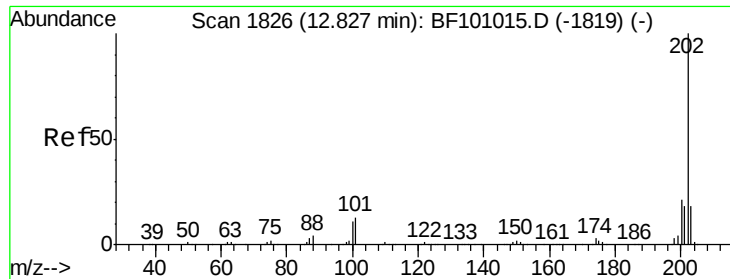
Delta R.T. 0.00 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	12.0	9.3	13.9





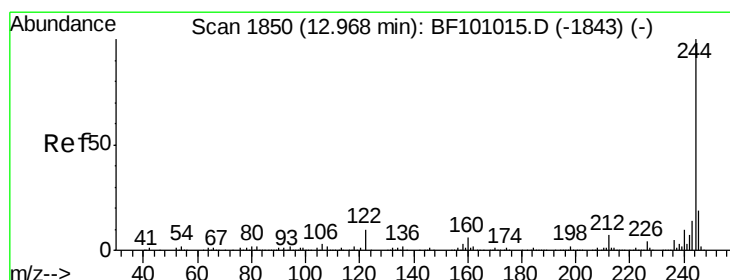
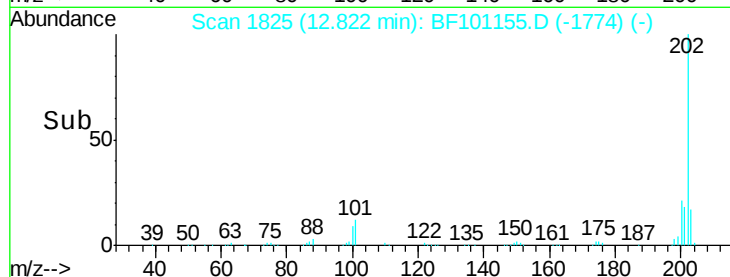
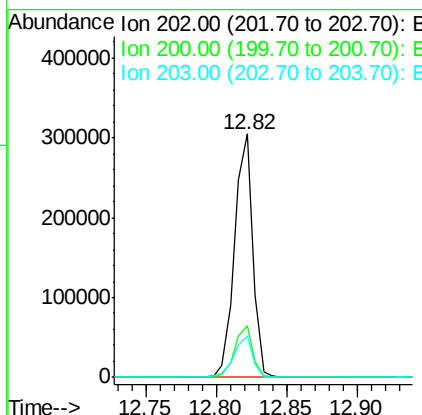
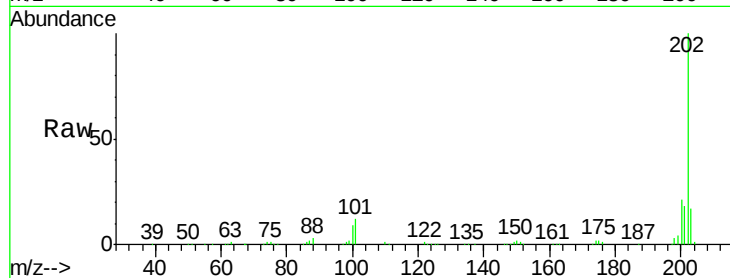
#77
Pvrene
Concen: 37.922 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.9	14.3	21.5

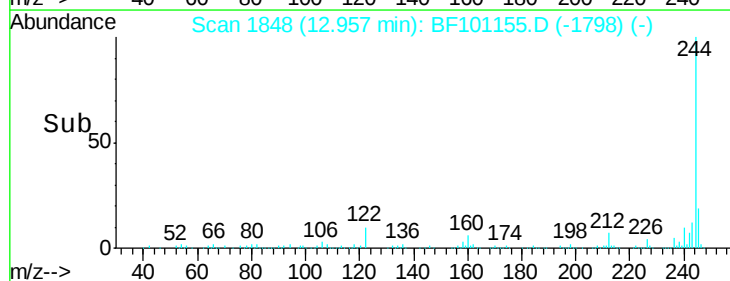
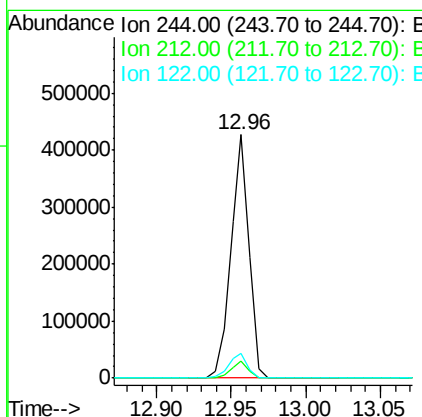
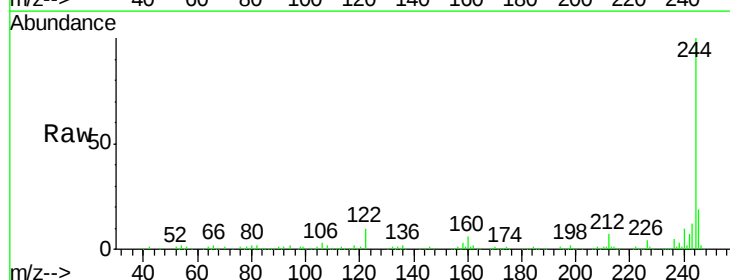
Manual Integrations
APPROVED

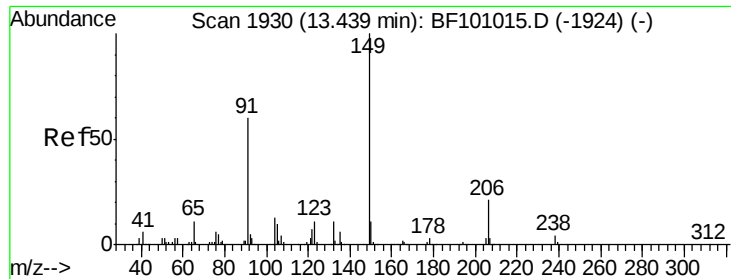
Sohil
12/6/2017 5:12:48 PM



#78
Terphenyl-d14
Concen: 76.515 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.2	11.0	16.4#





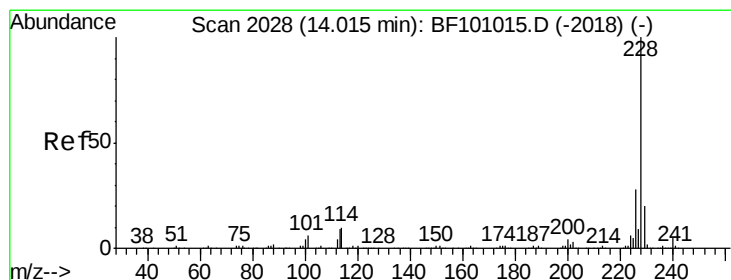
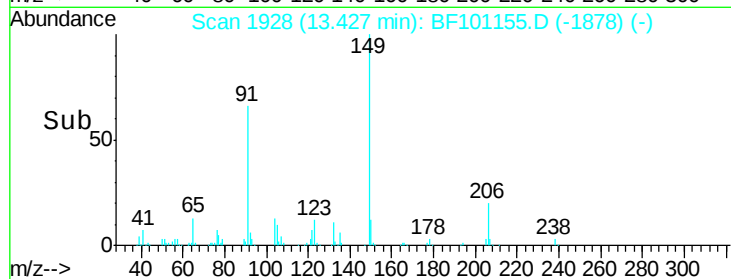
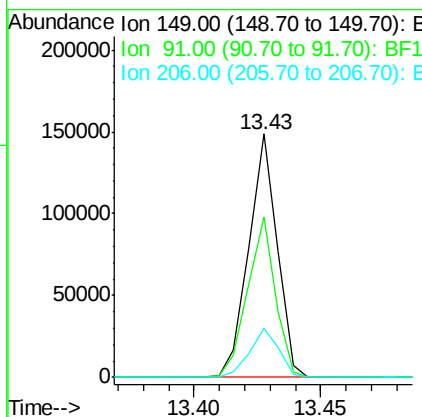
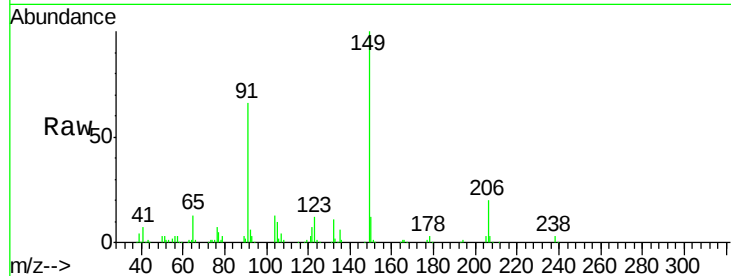
#79
Butylbenzylphthalate
Concen: 36.541 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	56.8	85.2
206	19.9	14.1	21.1

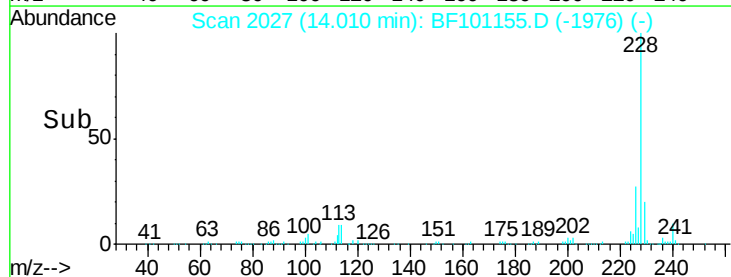
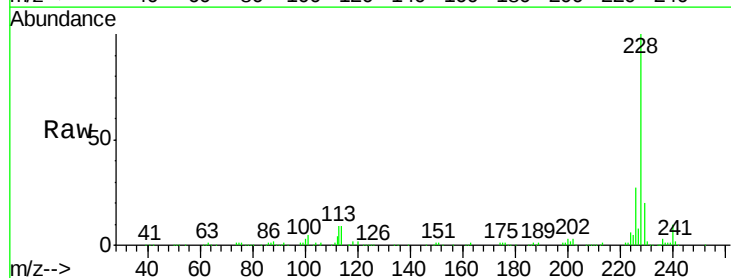
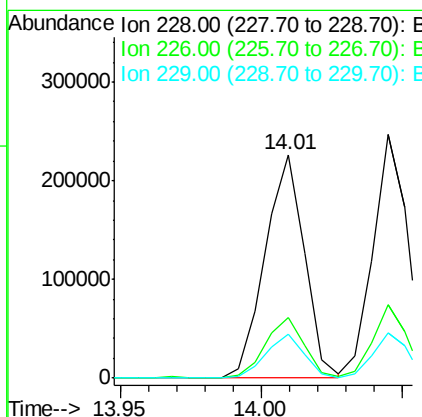
Manual Integrations
APPROVED

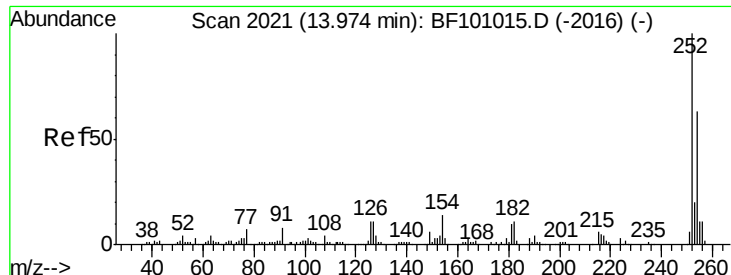
Sohil
12/6/2017 5:12:48 PM



#80
Benzo(a)anthracene
Concen: 33.144 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.7	15.8	23.6





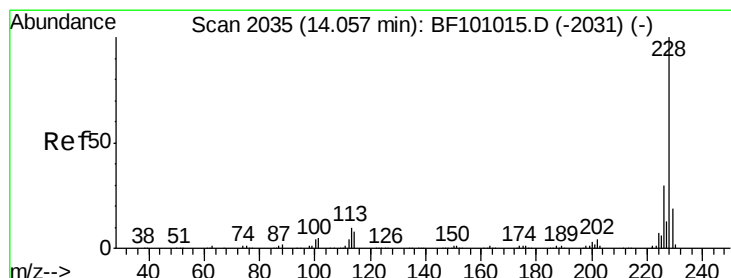
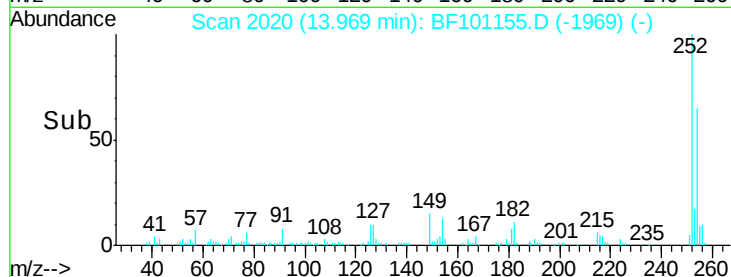
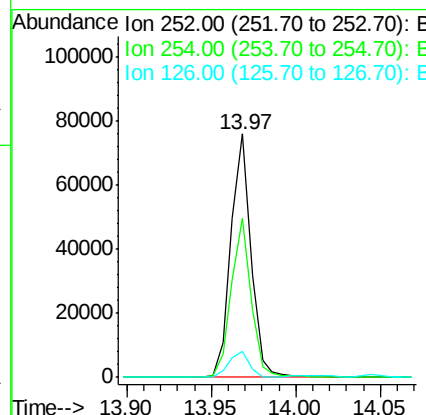
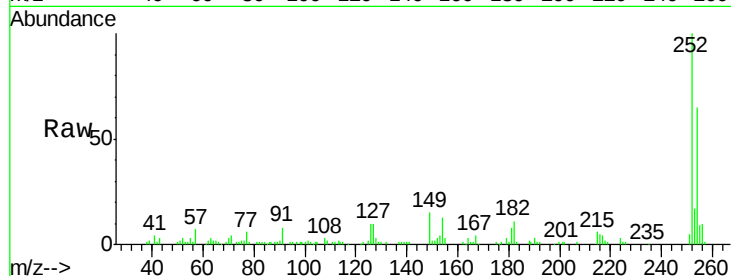
#81
 3,3'-Dichlorobenzidine
 Concen: 27.507 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	10.5	11.3	16.9

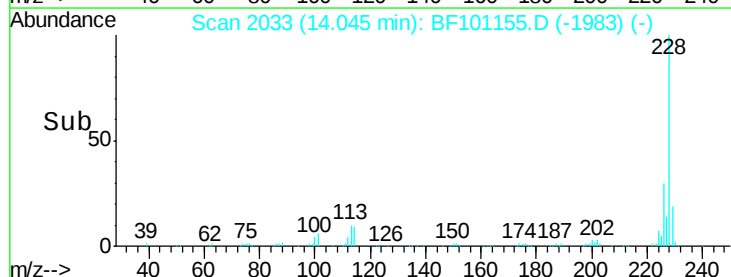
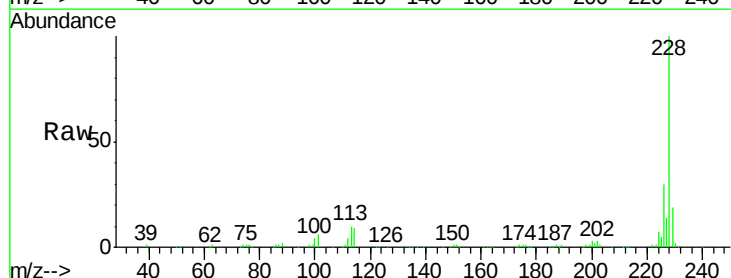
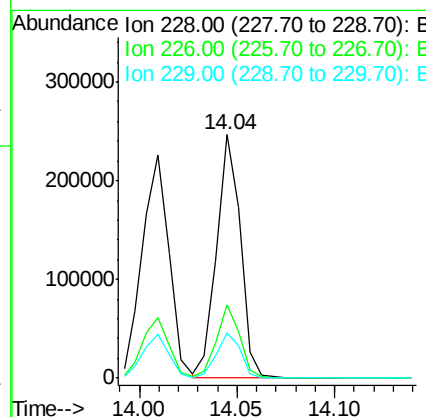
Manual Integrations
 APPROVED

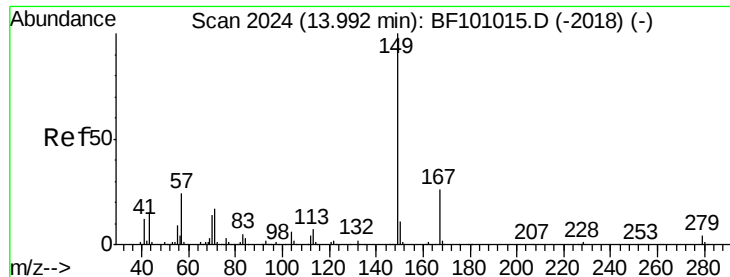
Sohil
 12/6/2017 5:12:48 PM



#82
 Chrysene
 Concen: 34.184 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	18.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.271 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

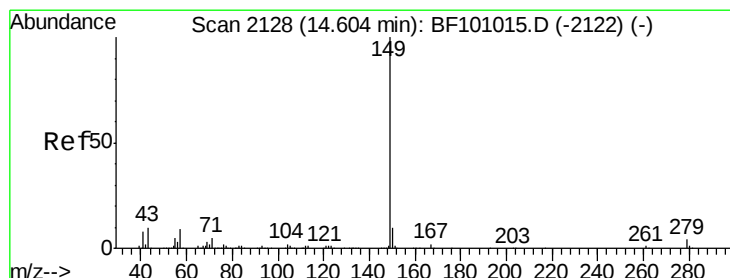
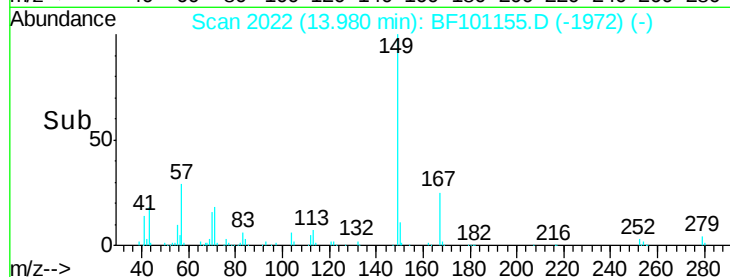
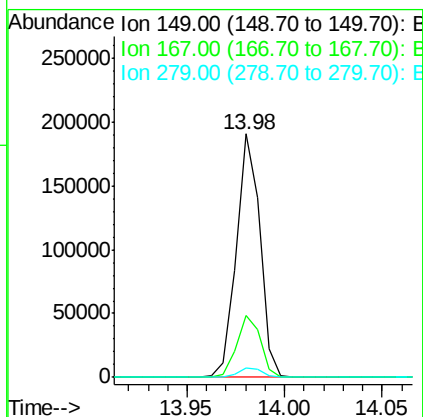
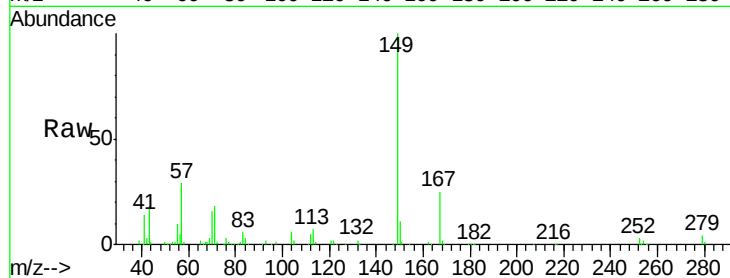
ClientSampleId :

MH-1-E(7-8)MSD

Tot Ion:	149	Resp:	159964
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.3	31.9
279	3.7	3.0	4.4

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



#84

Di-n-octyl phthalate

Concen: 31.982 ng

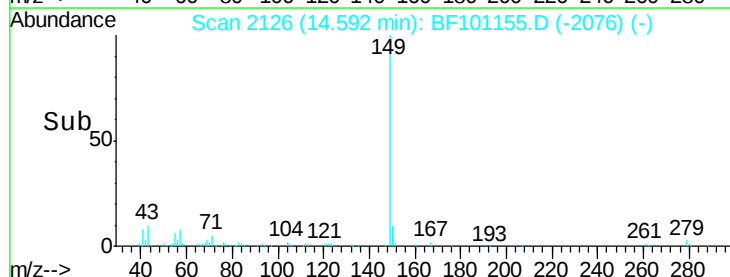
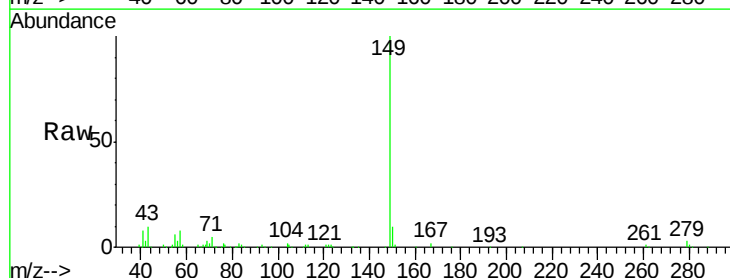
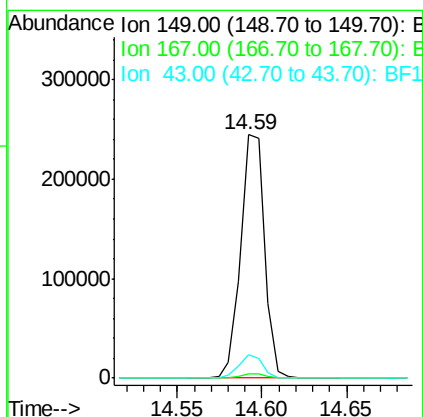
RT: 14.59 min Scan# 2126

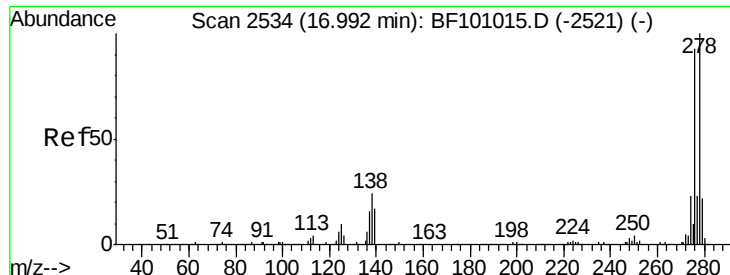
Delta R.T. -0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	149	Resp:	241501
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.186 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Instrument :

BNA_F

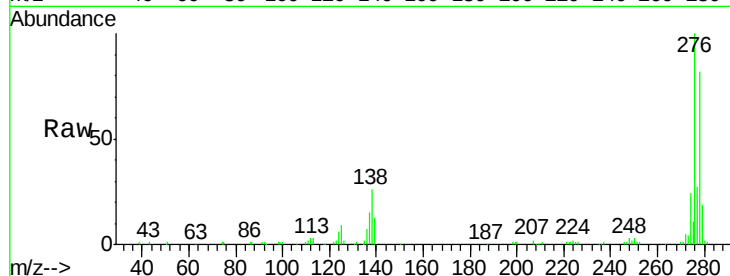
ClientSampleId :

MH-1-E(7-8)MSD

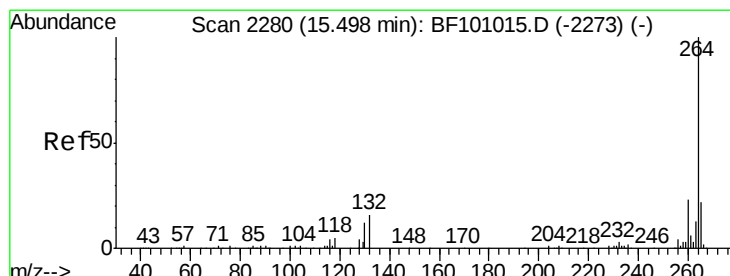
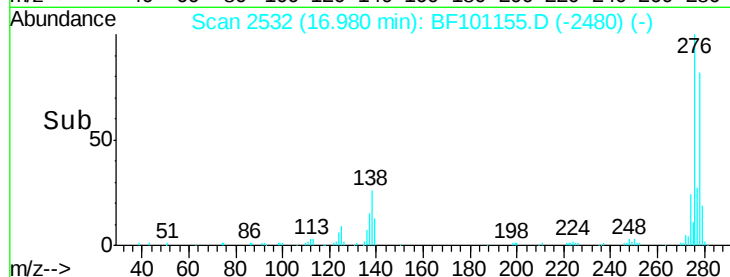
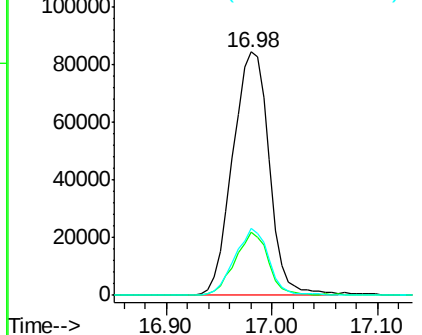
Tot Ion:	276	Resp:	202683
Ion Ratio	Lower	Upper	
276	100		
138	23.7	25.0	37.6#
277	25.7	20.1	30.1

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:48 PM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

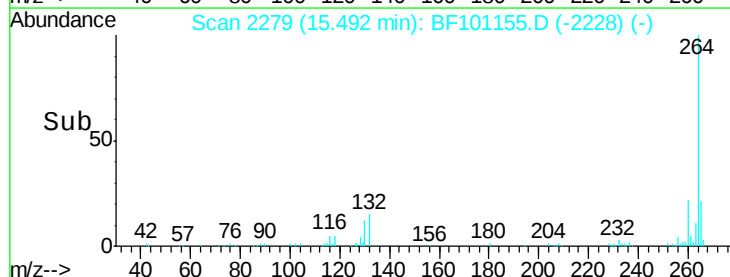
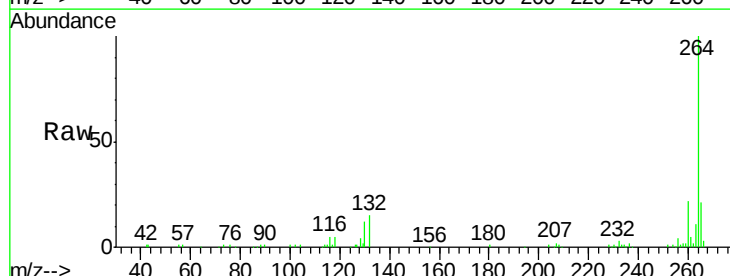
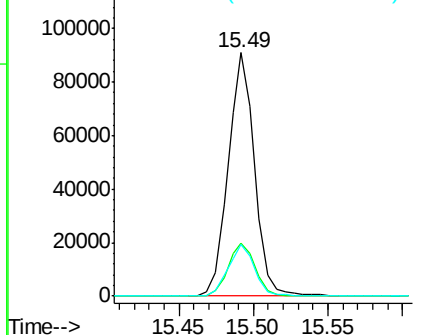
Delta R.T. 0.00 min

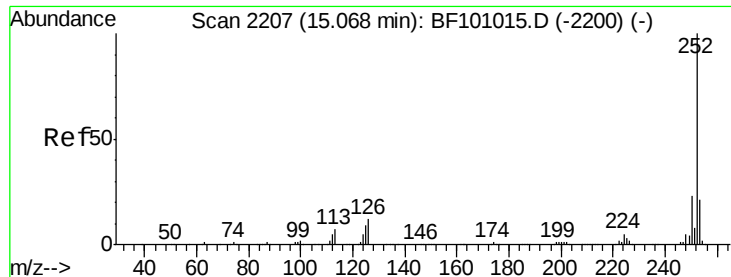
Lab File: BF101155.D

Acq: 6 Dec 2017 6:01

Tgt Ion:	264	Resp:	112450
Ion Ratio	Lower	Upper	
264	100		
260	21.8	19.2	28.8
265	21.2	17.5	26.3

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





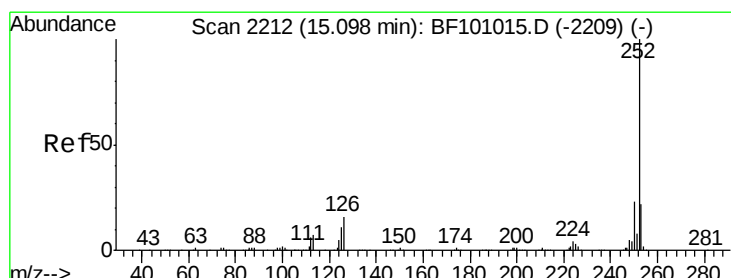
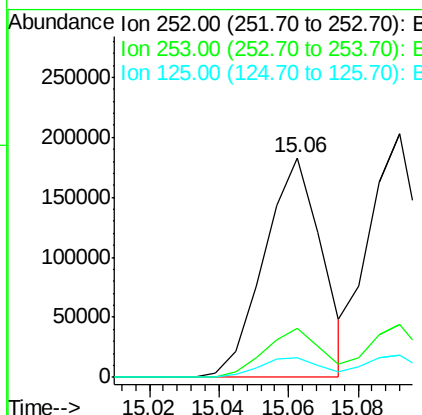
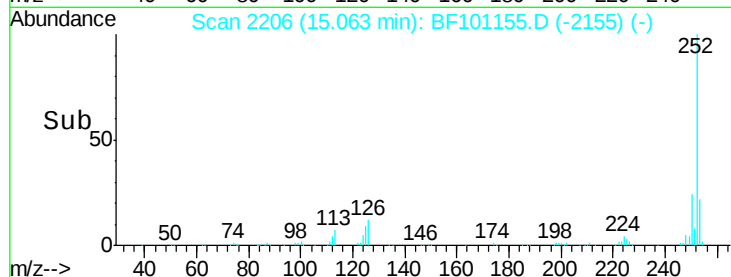
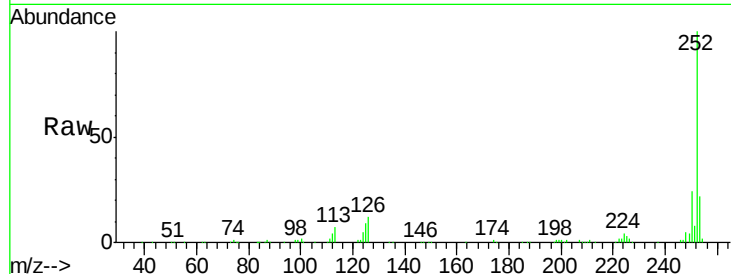
#87
Benzo(b)fluoranthene
Concen: 31.251 ng/mL
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.0	9.0	13.6

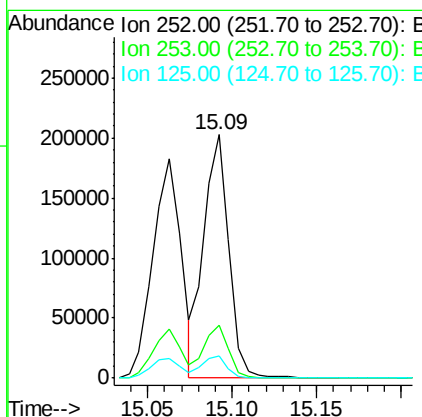
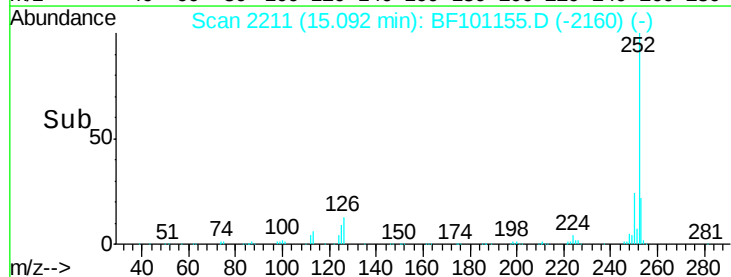
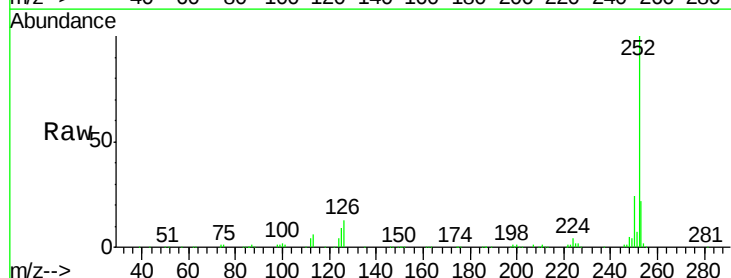
Manual Integrations
APPROVED

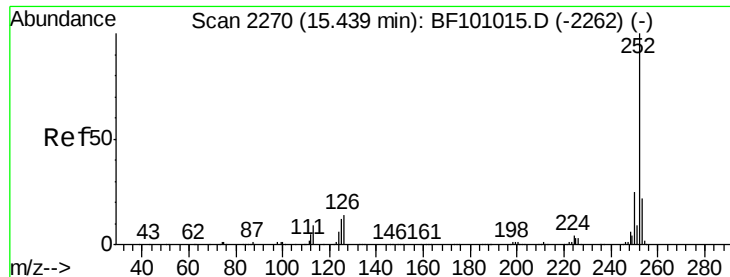
Sohil
12/6/2017 5:12:48 PM



#88
Benzo(k)fluoranthene
Concen: 31.437 ng/mL
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.1	10.2	15.2





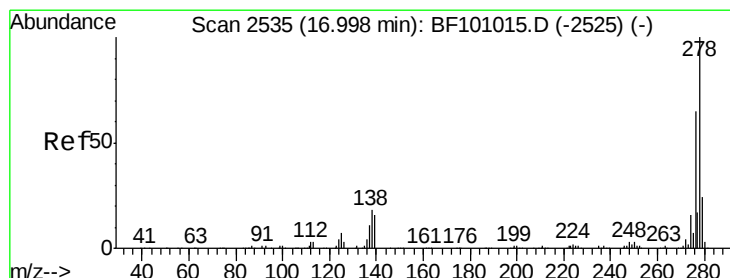
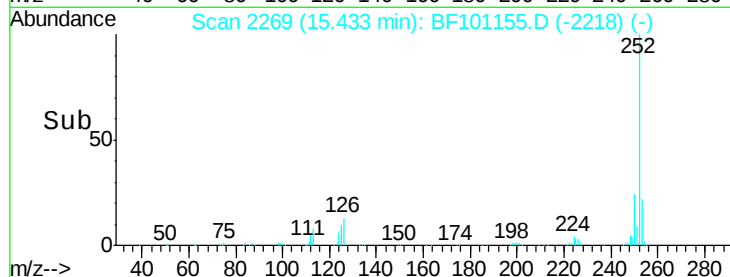
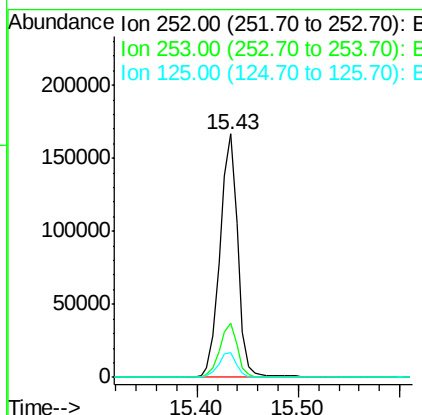
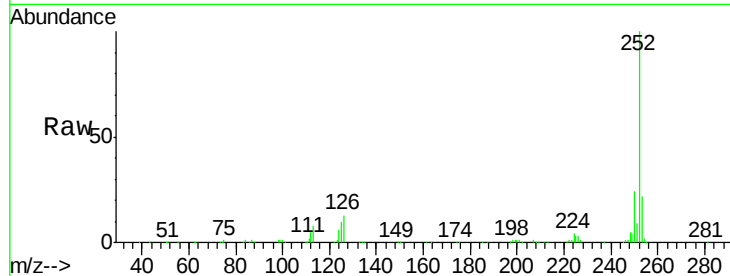
#89
Benzo(a)pyrene
Concen: 33.176 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Instrument :
BNA_F
ClientSampleId :
MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.1	9.8	14.6

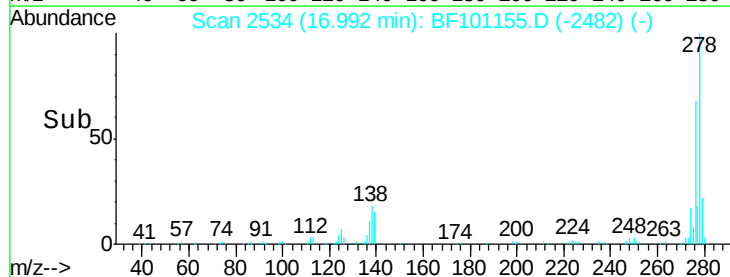
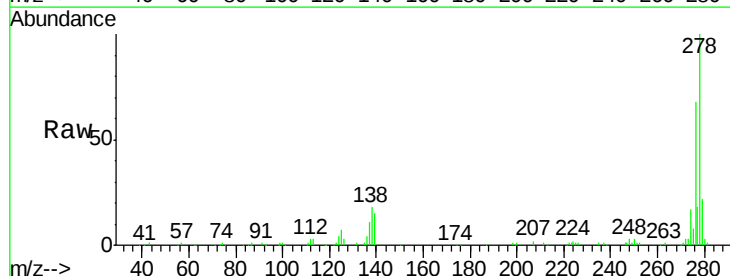
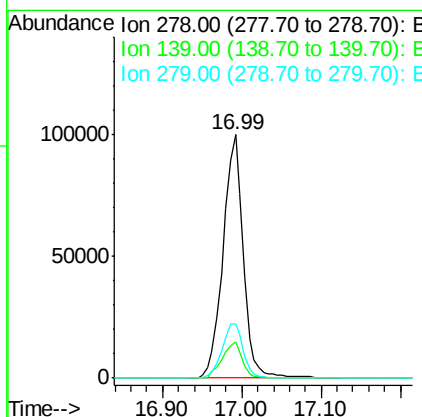
Manual Integrations
APPROVED

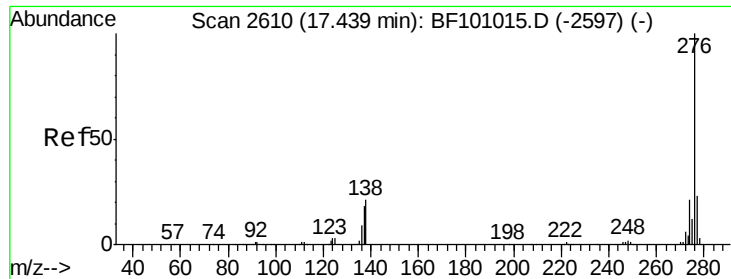
Sohil
12/6/2017 5:12:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.738 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF101155.D
Acq: 6 Dec 2017 6:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.9	23.9#
279	22.2	19.0	28.4





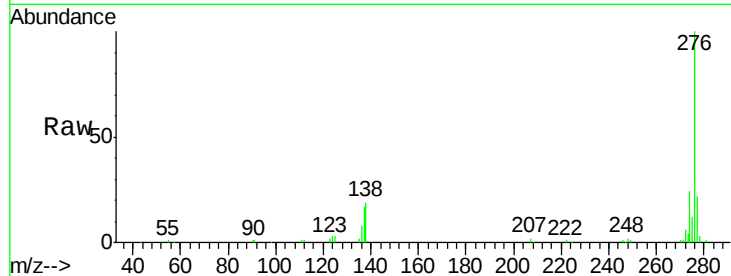
#91
 Benzo(a,h,i)perylene
 Concen: 31.095 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: BF101155.D
 Acq: 6 Dec 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	19.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:48 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

