

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101139.D
 Acq On : 5 Dec 2017 22:51
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:34 PM

Quant Time: Dec 06 02:52:21 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	49696	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	188051	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	86744	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	159216	20.00	ng	0.00
75) Chrysene-d12	14.02	240	98427	20.00	ng	0.00
86) Perylene-d12	15.49	264	107080	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	248859	82.75	ng	0.00
7) Phenol-d6	6.49	99	291223	79.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	255919	81.18	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	76379	73.30	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	529641	83.54	ng	0.00
78) Terphenyl-d14	12.96	244	442049	98.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	50668	40.743	ng	97
3) Pyridine	3.38	79	140411	43.554	ng	94
4) n-Nitrosodimethylamine	3.33	42	68294	43.373	ng	# 86
6) Aniline	6.52	93	185584	39.086	ng	99
8) 2-Chlorophenol	6.63	128	130361	39.755	ng	97
9) Benzaldehyde	6.40	77	82376	36.861	ng	98
10) Phenol	6.50	94	158126	38.947	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	116505	38.257	ng	99
12) 1,3-Dichlorobenzene	6.79	146	154725	40.523	ng	97
13) 1,4-Dichlorobenzene	6.86	146	157942	39.954	ng	97
14) 1,2-Dichlorobenzene	7.02	146	146524	39.738	ng	97
15) Benzyl Alcohol	6.99	79	109177	38.714	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	156813m	37.882	ng	
17) 2-Methylphenol	7.10	107	100988	38.140	ng	99
18) Hexachloroethane	7.36	117	47315	37.255	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	90679	36.876	ng	94
20) 3+4-Methylphenols	7.26	107	131821	38.174	ng	# 75
22) Acetophenone	7.26	105	182479	40.165	ng	# 93
24) Nitrobenzene	7.44	77	126206	40.849	ng	97
25) Isophorone	7.67	82	210154	39.028	ng	98
26) 2-Nitrophenol	7.75	139	64548	38.058	ng	93
27) 2,4-Dimethylphenol	7.79	122	99157	40.415	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	141919	39.215	ng	98
29) 2,4-Dichlorophenol	7.99	162	109330	40.938	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	117513	40.017	ng	93
31) Naphthalene	8.16	128	368295	39.738	ng	99
32) Benzoic acid	7.92	122	65232m	34.184	ng	
33) 4-Chloroaniline	8.20	127	147867	39.707	ng	99
34) Hexachlorobutadiene	8.26	225	75019	41.652	ng	98
35) Caprolactam	8.59	113	30300	36.406	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	108842	39.344	ng	98
37) 2-Methylnaphthalene	8.85	142	244323	38.797	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	133132	42.248	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	12438	17.895	ng	93

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101139.D
 Acq On : 5 Dec 2017 22:51
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:34 PM

Quant Time: Dec 06 02:52:21 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	77249	41.818	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	82208	41.627	nq #	90
45) 1,1'-Biphenyl	9.31	154	324854	40.875	nq	98
46) 2-Chloronaphthalene	9.33	162	232270	41.152	nq	96
47) 2-Nitroaniline	9.43	65	66437	39.785	nq	97
48) Acenaphthylene	9.75	152	371755	40.079	nq	100
49) Dimethylphthalate	9.61	163	275807	39.425	nq	99
50) 2,6-Dinitrotoluene	9.68	165	56890	38.610	nq #	79
51) Acenaphthene	9.92	154	217757	39.206	nq	98
52) 3-Nitroaniline	9.85	138	64155	38.718	nq	100
53) 2,4-Dinitrophenol	9.96	184	8516	15.388	nq #	14
54) Dibenzofuran	10.09	168	312442	39.036	nq	100
55) 4-Nitrophenol	10.01	139	36574	32.729	nq	92
56) 2,4-Dinitrotoluene	10.09	165	72098	36.511	nq #	90
57) Fluorene	10.44	166	251782	38.697	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	60277	38.120	nq #	85
59) Diethylphthalate	10.30	149	265710	38.508	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	127130	39.573	nq	89
61) 4-Nitroaniline	10.46	138	60895	35.403	nq	93
62) Azobenzene	10.59	77	220444	37.645	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	22106	20.700	nq #	74
65) n-Nitrosodiphenylamine	10.55	169	241762	43.041	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	75035	42.104	nq #	88
67) Hexachlorobenzene	10.99	284	76077	39.830	nq #	91
68) Atrazine	11.07	200	70381	40.848	nq	98
69) Pentachlorophenol	11.18	266	34580	32.927	nq	97
70) Phenanthrene	11.40	178	339277	38.695	nq	98
71) Anthracene	11.46	178	345699	38.957	nq	99
72) Carbazole	11.61	167	298922	36.868	nq	99
73) Di-n-butylphthalate	11.93	149	401644	39.522	nq	98
74) Fluoranthene	12.59	202	318944	32.816	nq	94
76) Benzidine	12.71	184	125929	39.345	nq	99
77) Pyrene	12.82	202	313634	46.179	nq	98
79) Butylbenzylphthalate	13.43	149	133730	44.660	nq	95
80) Benzo(a)anthracene	14.01	228	244384	39.325	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	86314	40.104	nq #	96
82) Chrysene	14.05	228	229716	39.801	nq	97
83) Bis(2-ethylhexyl)phthalate	13.98	149	177785	41.640	nq	98
84) Di-n-octyl phthalate	14.60	149	265512	37.349	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	259013	50.478	nq #	92
87) Benzo(b)fluoranthene	15.06	252	259993	40.536	nq	98
88) Benzo(k)fluoranthene	15.09	252	217765	34.462	nq	98
89) Benzo(a)pyrene	15.43	252	227312	38.984	nq	96
90) Dibenzo(a,h)anthracene	17.00	278	218619	42.528	nq #	95
91) Benzo(g,h,i)perylene	17.43	276	203760	42.060	nq #	90

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

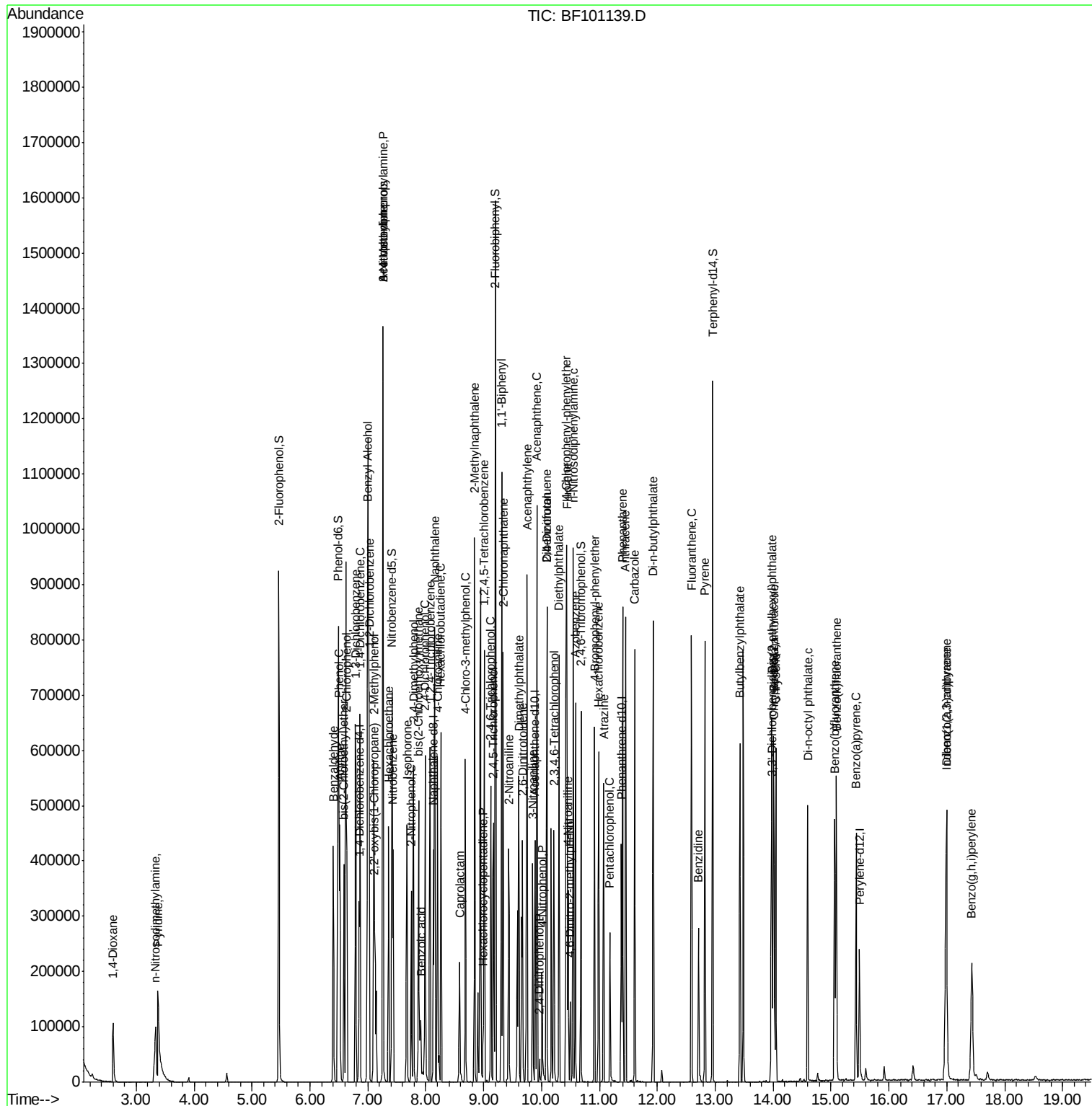
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\  
Data File : BF101139.D  
Acq On    : 5 Dec 2017 22:51  
Operator  : SJ/JU  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

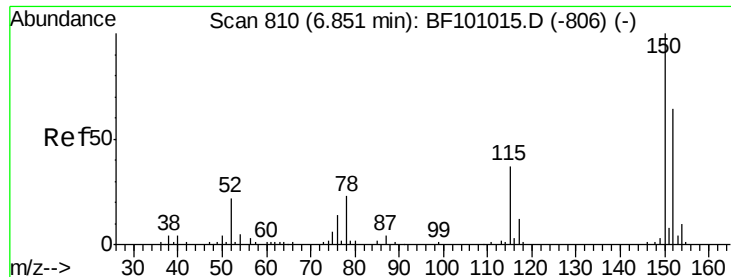
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil
12/6/2017 5:12:34 PM

Quant Time: Dec 06 02:52:21 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

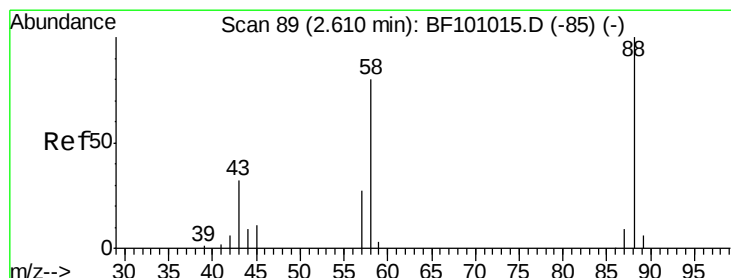
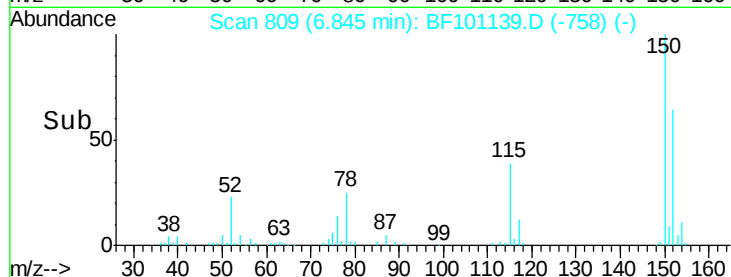
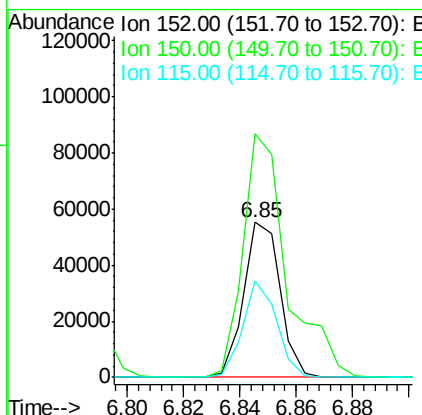
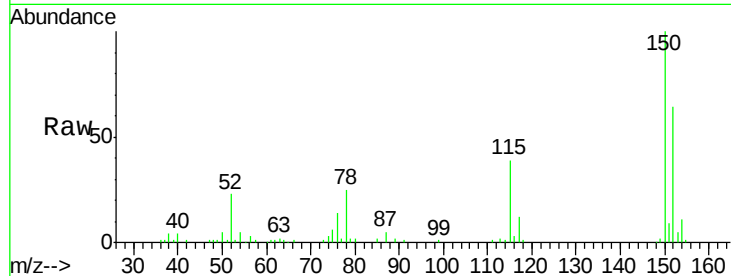
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
APPROVED

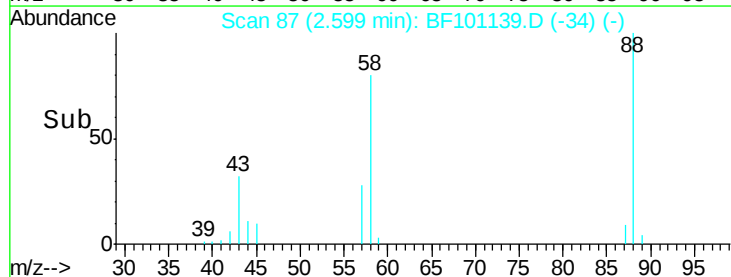
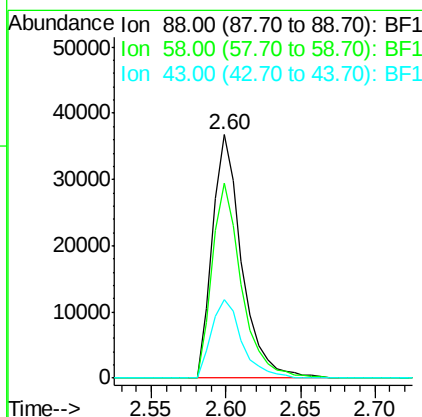
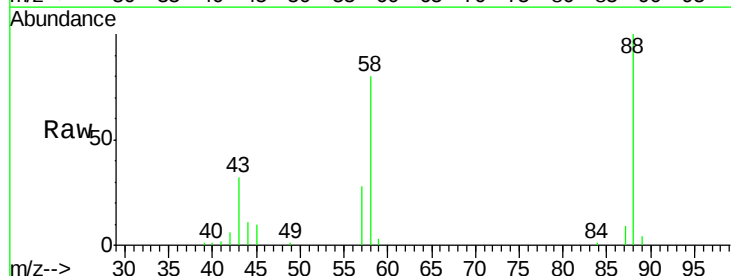
Sohil
12/6/2017 5:12:34 PM

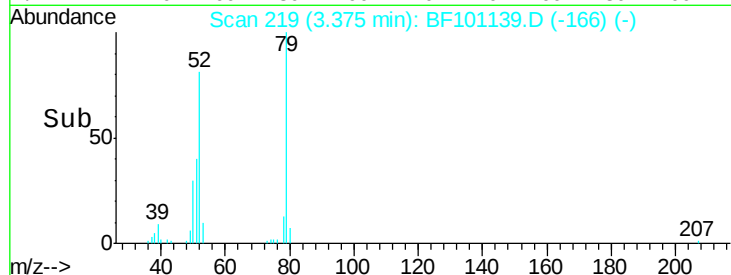
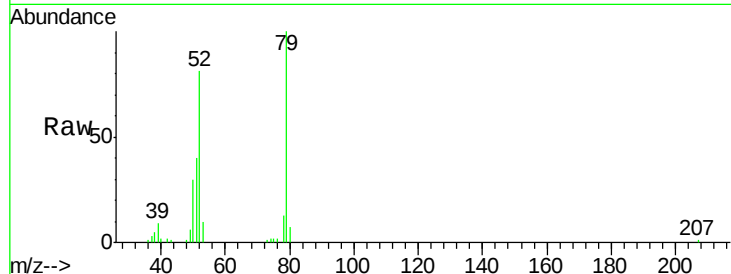
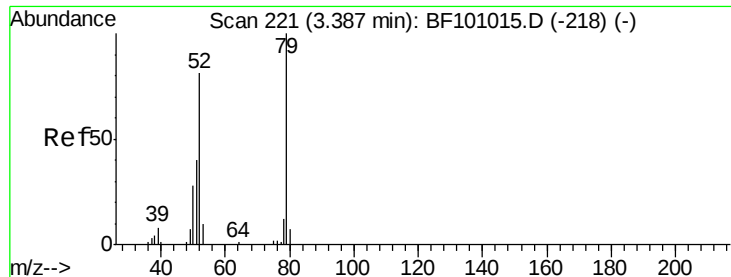


#2

1,4-Dioxane
Concen: 40.743 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	62.6	93.8
43	33.0	24.6	37.0





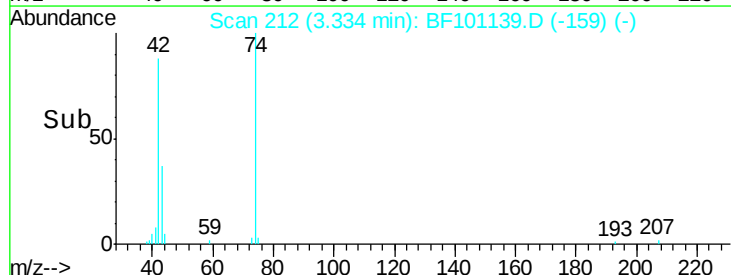
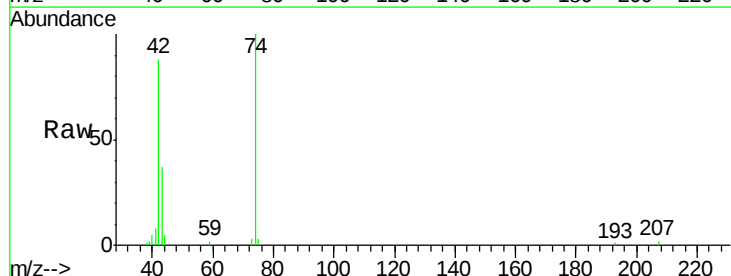
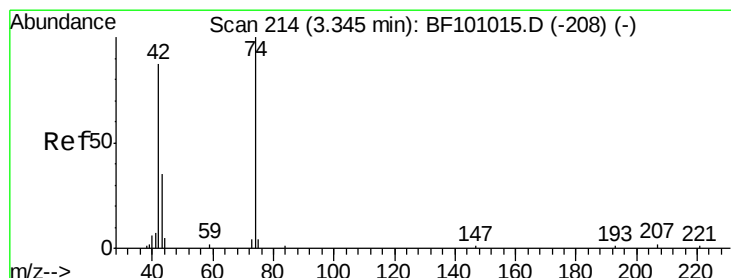
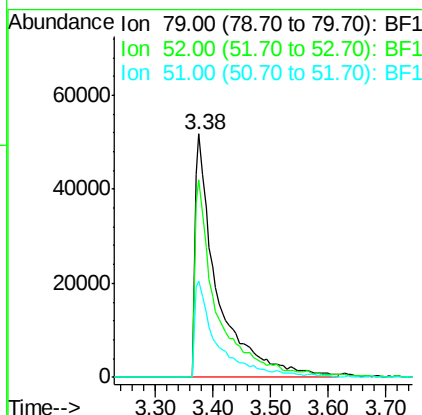
#3
 Pvridine
 Concen: 43.554 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		140411		
52	81.1	59.8	89.6		
51	39.7	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

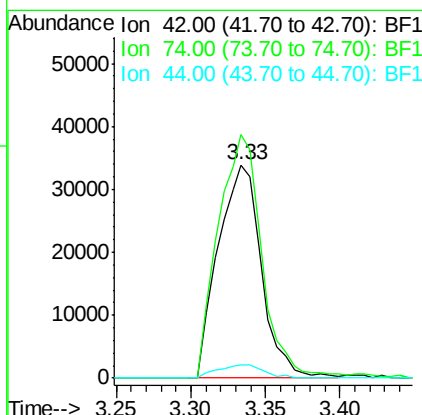
Manual Integrations
 APPROVED

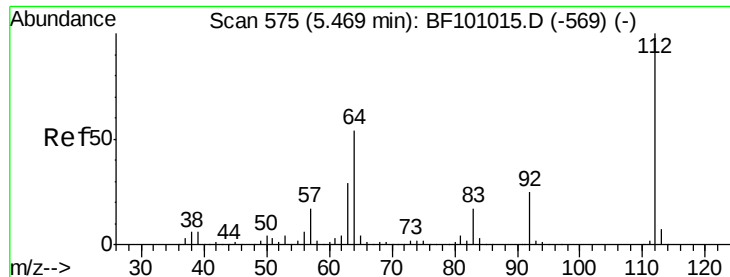
Sohil
 12/6/2017 5:12:34 PM



#4
 n-Nitrosodimethylamine
 Concen: 43.373 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		68294		
74	114.3	104.9	157.3		
44	6.0	6.9	10.3		





#5

2-Fluorophenol

Concen: 82.748 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

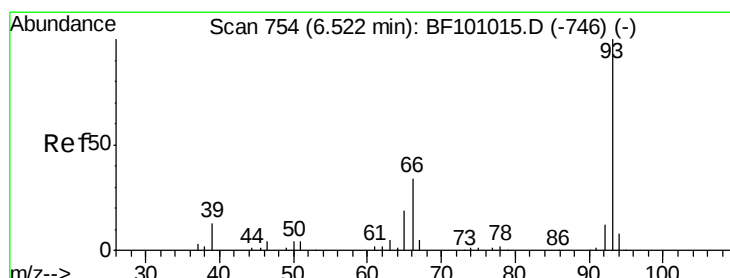
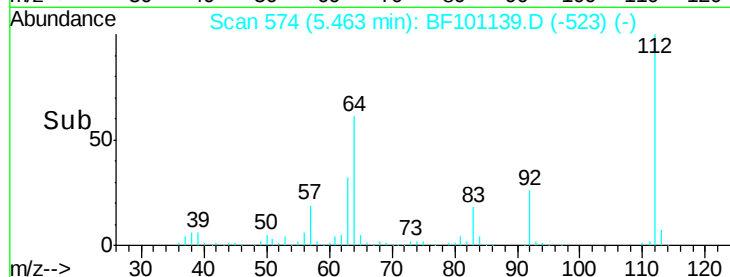
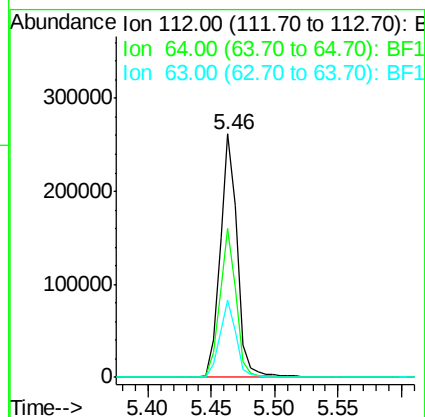
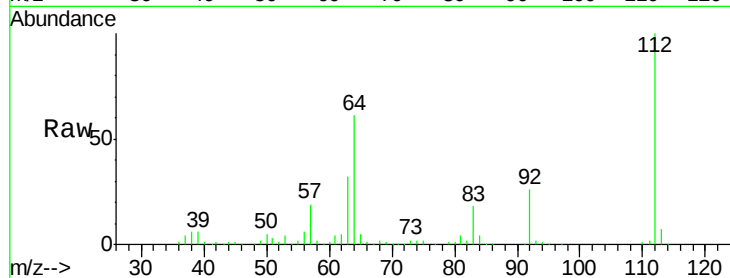
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	248859
Ion Ratio		Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.7	23.7	35.5

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



#6

Aniline

Concen: 39.086 ng

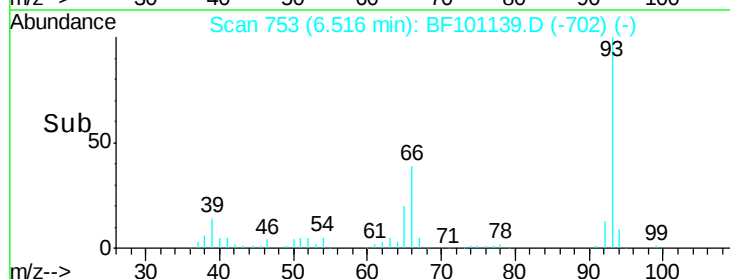
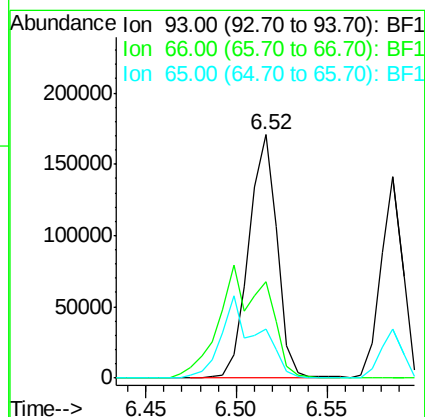
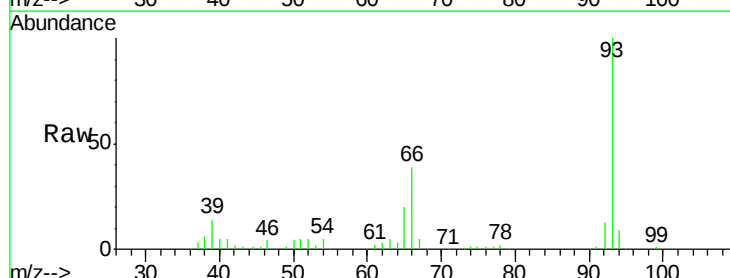
RT: 6.52 min Scan# 753

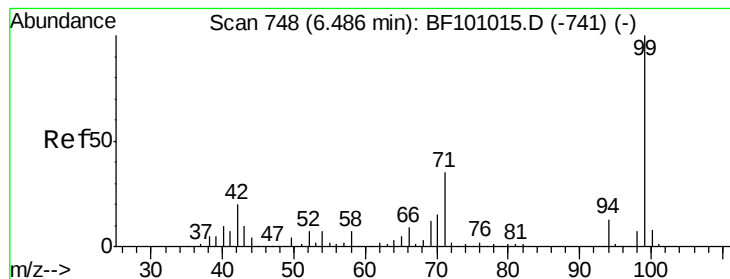
Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Tgt Ion:	93	Resp:	185584
Ion Ratio		Lower	Upper
93	100		
66	39.4	32.2	48.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 79.759 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

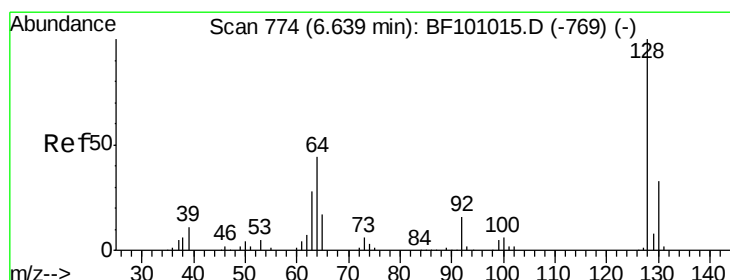
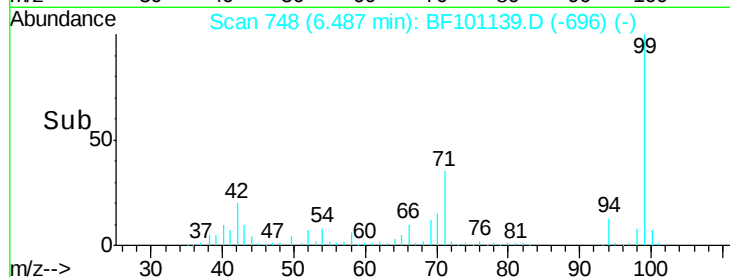
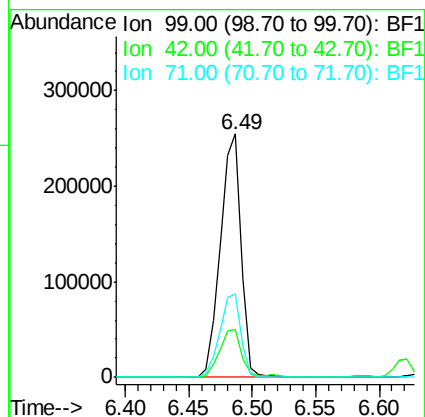
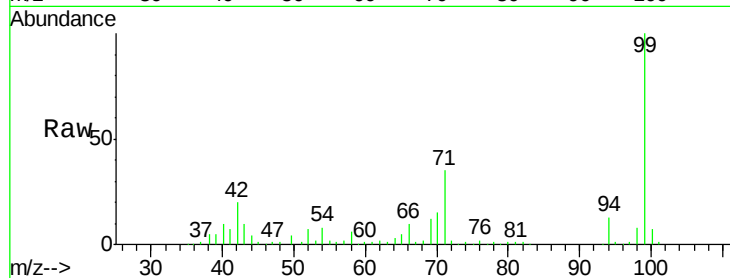
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	291223
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	34.5	25.4	38.0

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



#8

2-Chlorophenol

Concen: 39.755 ng

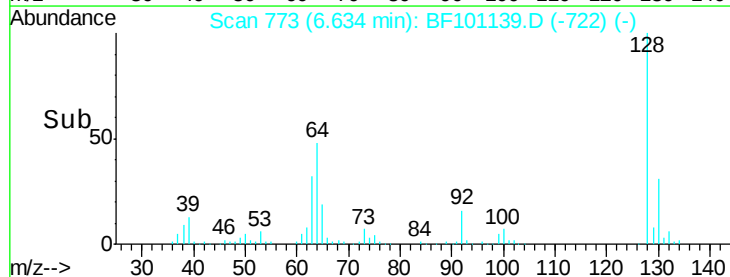
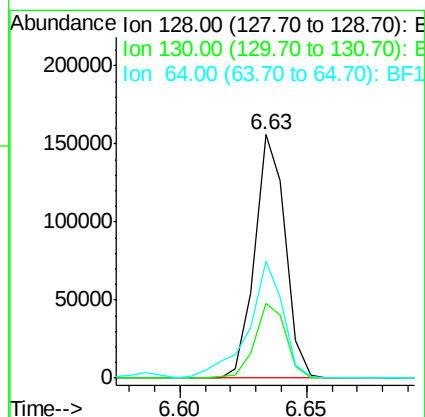
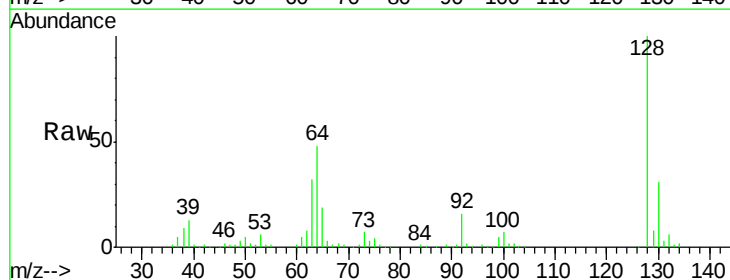
RT: 6.63 min Scan# 773

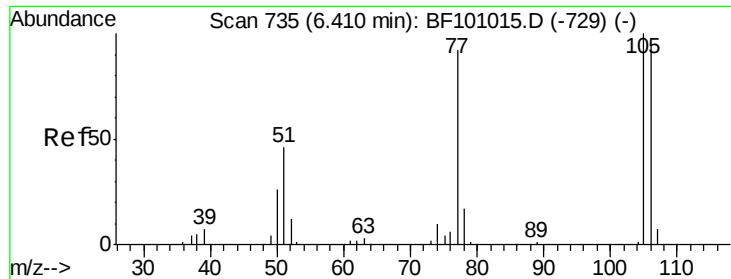
Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Tgt Ion:	128	Resp:	130361
Ion Ratio	Lower	Upper	
128	100		
130	30.7	13.0	53.0
64	47.9	29.4	69.4





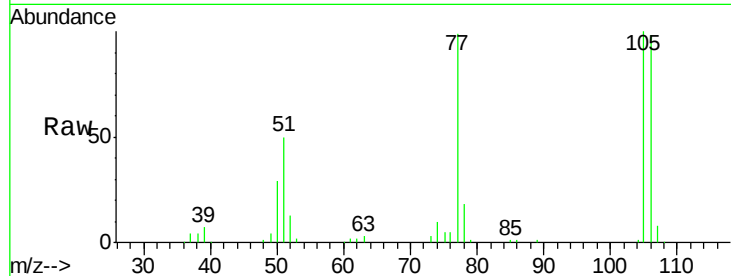
#9
Benzaldehyde
Concen: 36.861 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

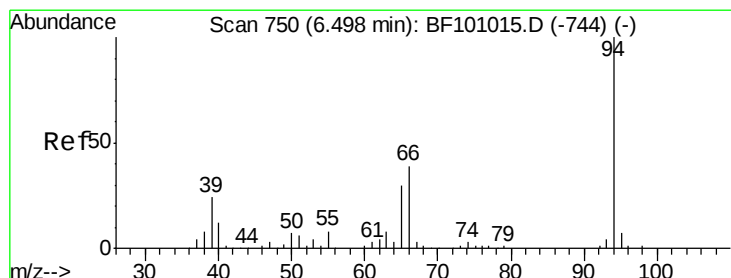
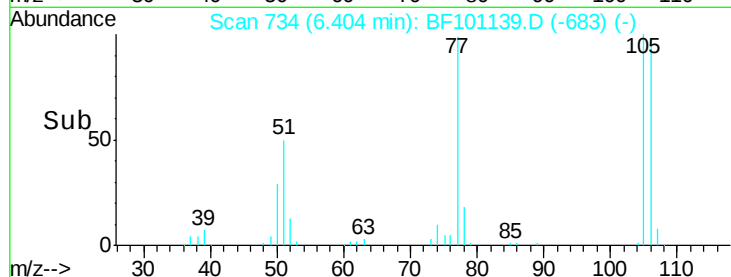
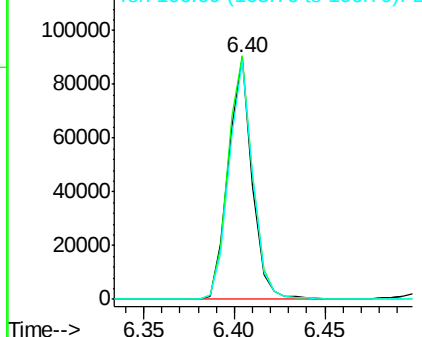
Tot Ion: 77 Resp: 82376
Ion Ratio Lower Upper
77 100
105 100.5 81.1 121.1
106 98.7 74.5 114.5

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM

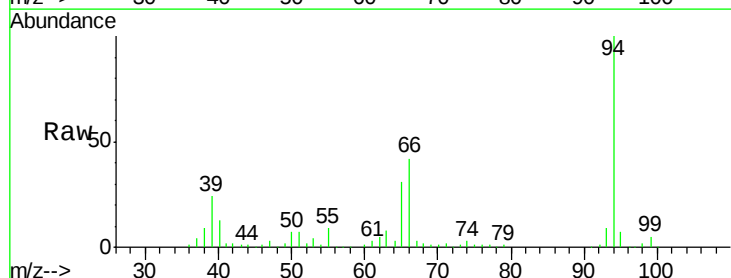


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

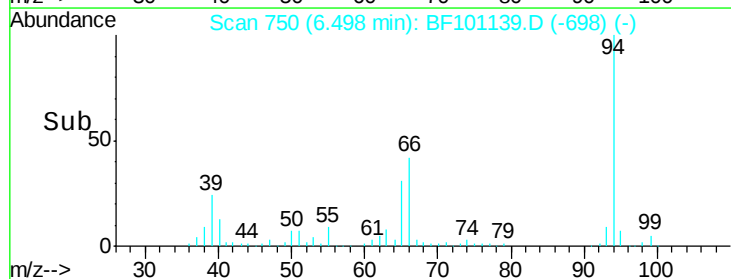
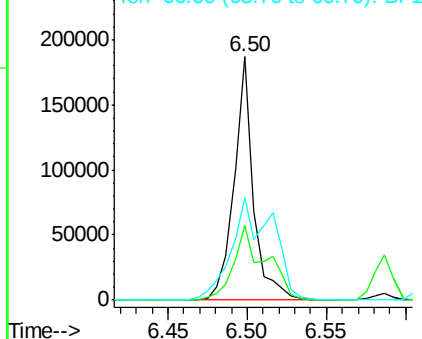


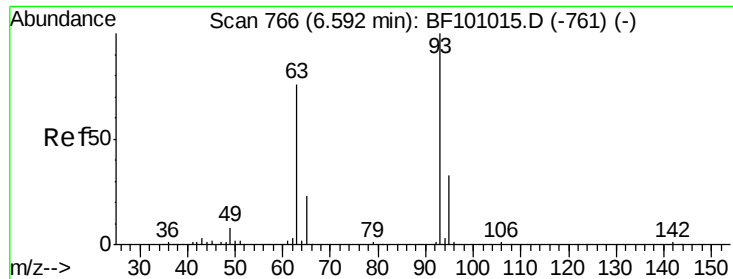
#10
Phenol
Concen: 38.947 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion: 94 Resp: 158126
Ion Ratio Lower Upper
94 100
65 30.9 7.9 47.9
66 42.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





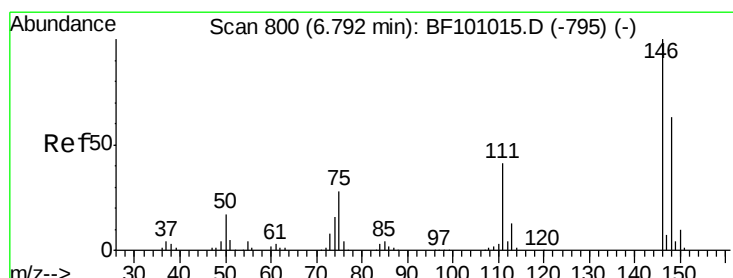
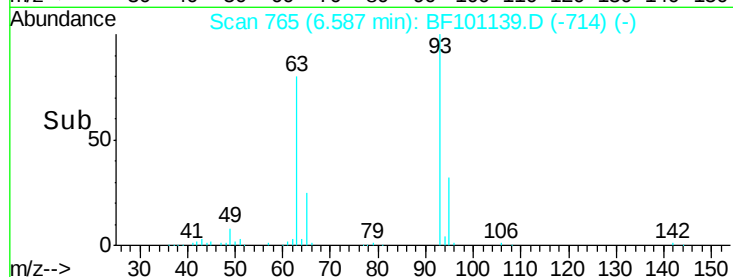
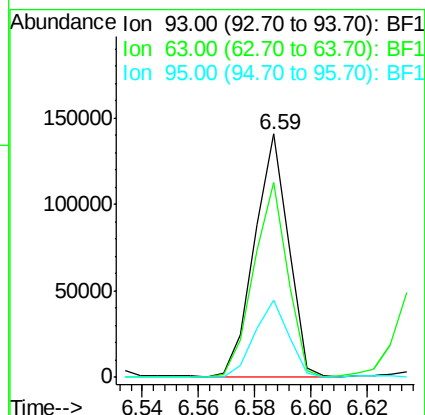
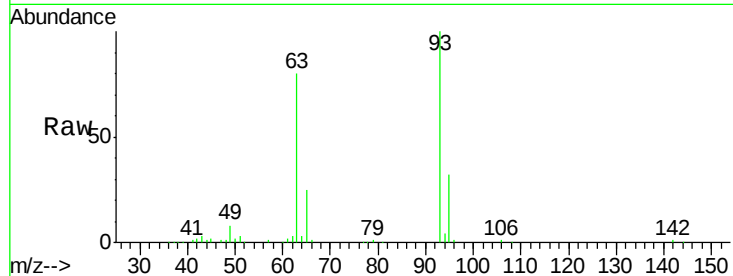
#11
bis(2-Chloroethyl)ether
Concen: 38.257 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	116505
Ion Ratio	Lower	Upper	
93	100		
63	80.1	58.6	98.6
95	31.6	11.8	51.8

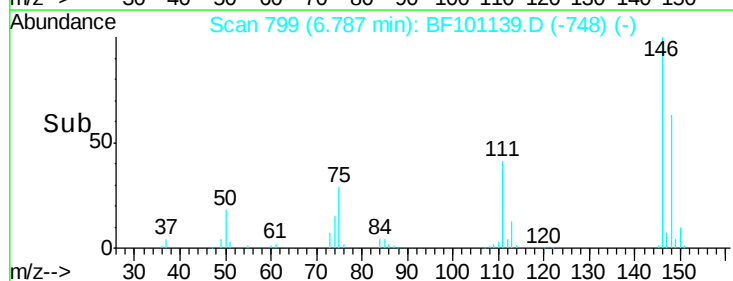
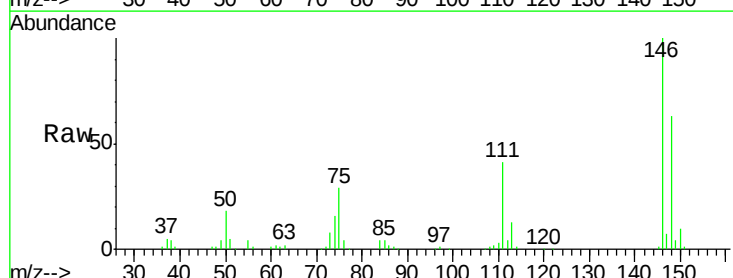
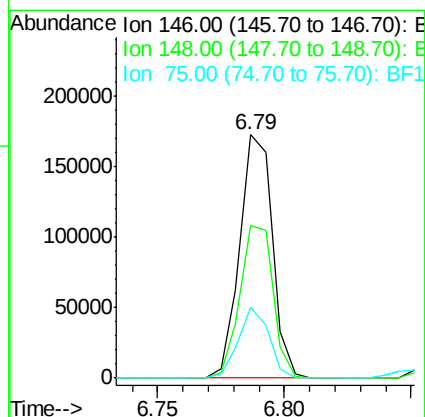
Manual Integrations
APPROVED

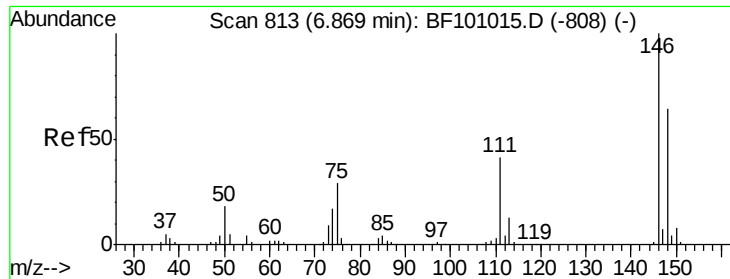
Sohil
12/6/2017 5:12:34 PM



#12
1,3-Dichlorobenzene
Concen: 40.523 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion:	146	Resp:	154725
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.8	77.8
75	29.1	24.2	36.4





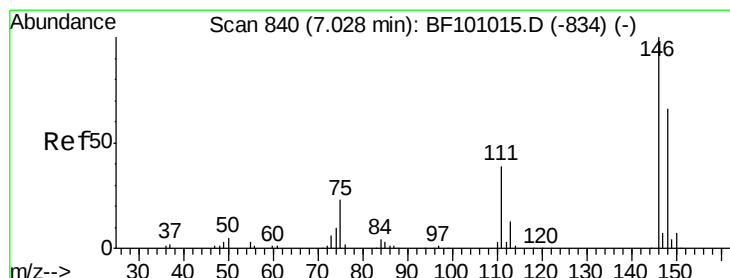
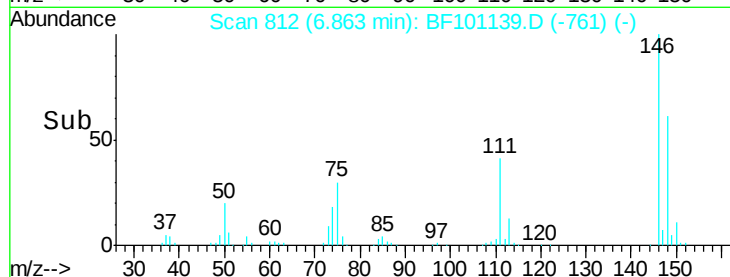
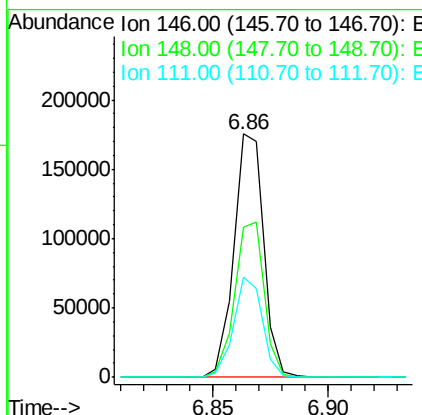
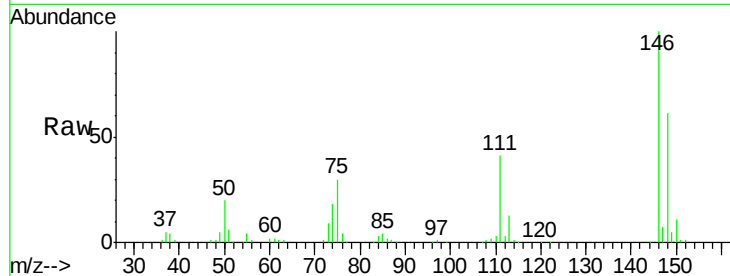
#13
 1,4-Dichlorobenzene
 Concen: 39.954 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.8	76.2
111	41.1	34.2	51.2

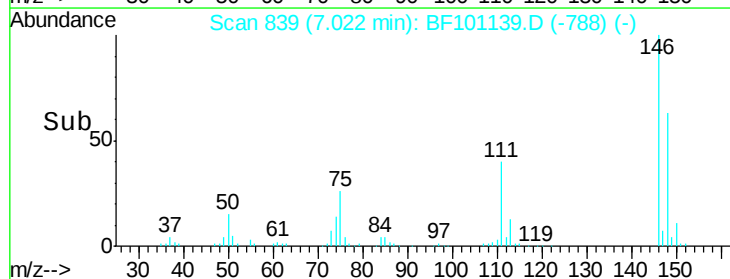
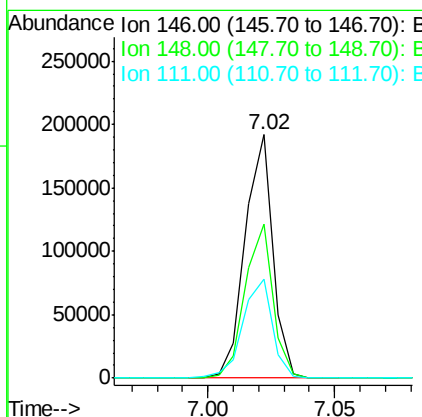
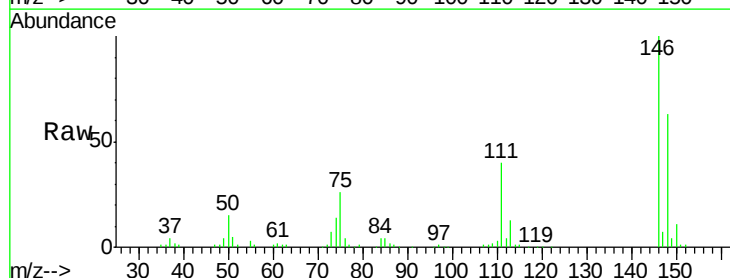
Manual Integrations
 APPROVED

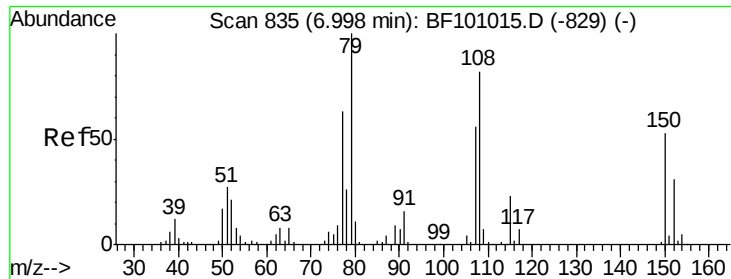
Sohil
 12/6/2017 5:12:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.738 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	40.5	36.0	54.0





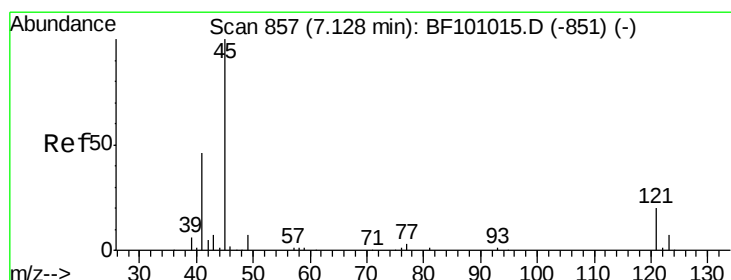
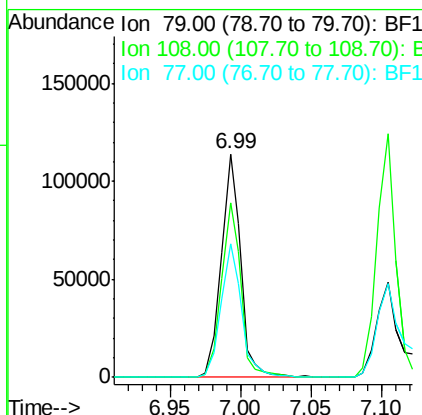
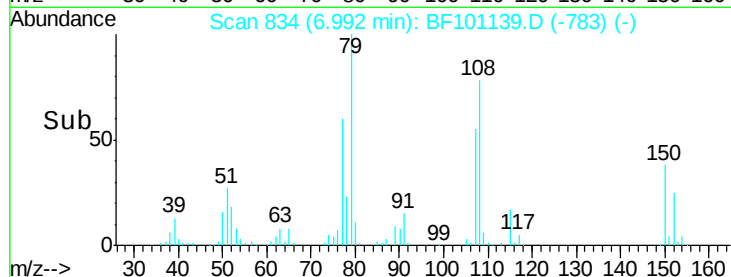
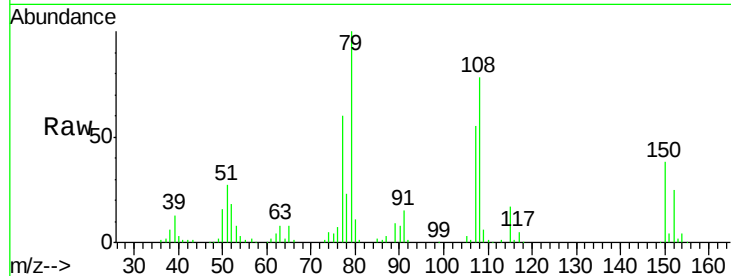
#15
Benzyl Alcohol
Concen: 38.714 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	65.1	97.7
77	59.9	50.6	75.8

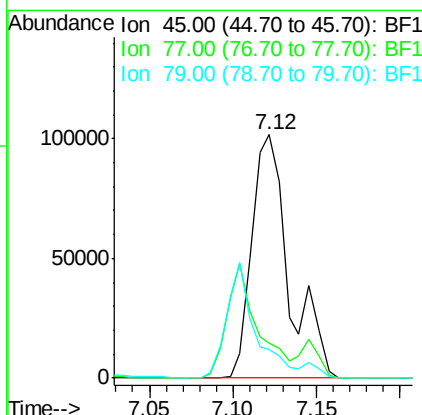
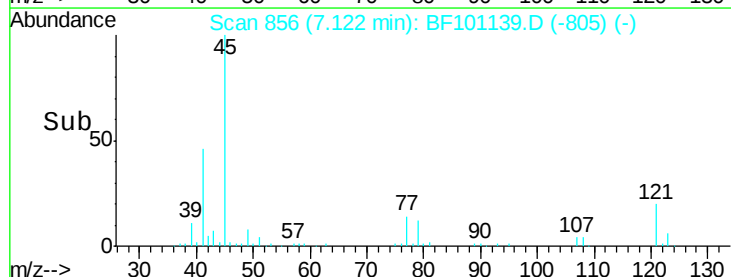
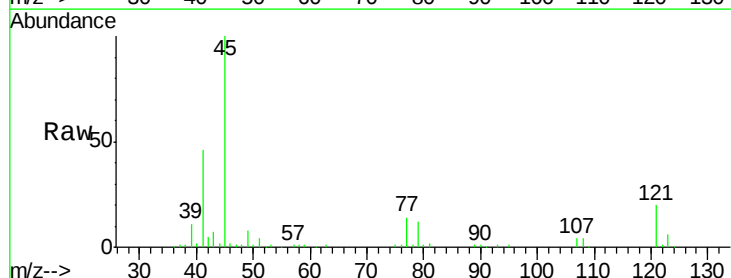
Manual Integrations
APPROVED

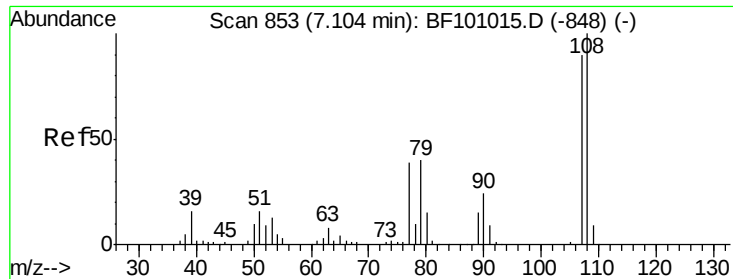
Sohil
12/6/2017 5:12:34 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.882 ng m
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	32.9
79	11.5	0.0	29.6





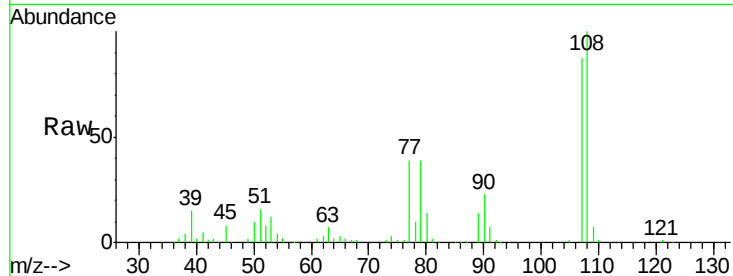
#17
2-Methylphenol
Concen: 38.140 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

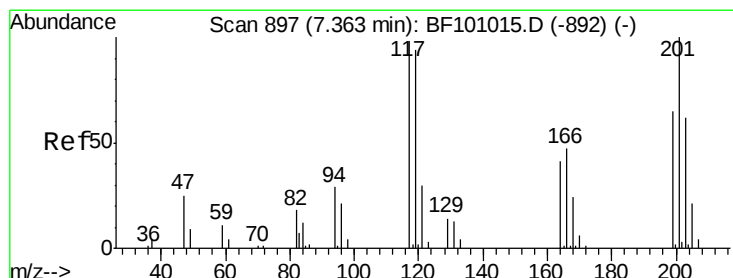
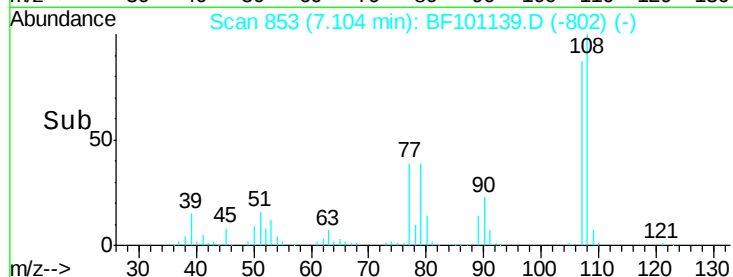
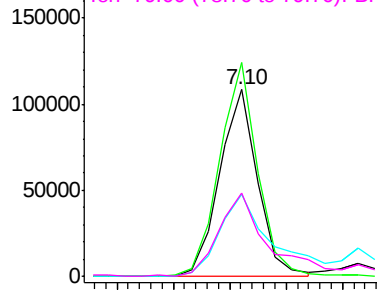
Tot Ion	Ratio	Resp	Lower	Upper
107	100	100988		
108	114.4	91.7	137.5	
77	44.1	33.8	50.8	
79	44.5	33.8	50.8	

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM

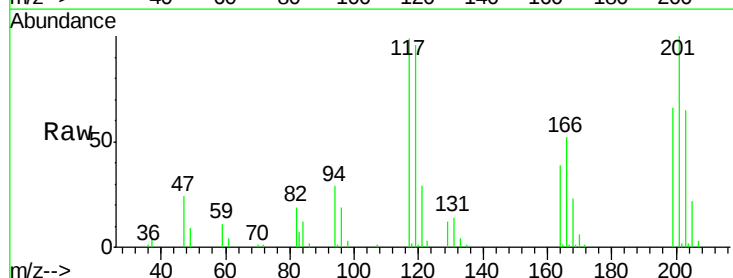


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

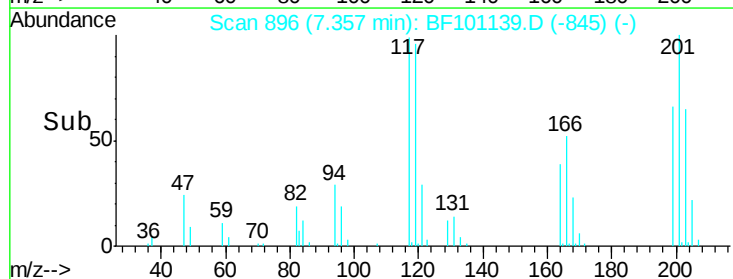
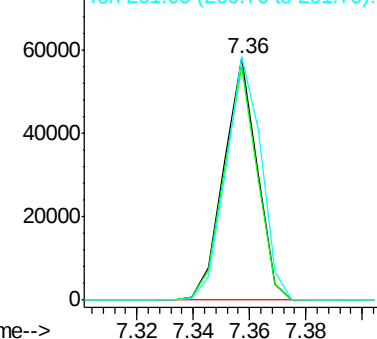


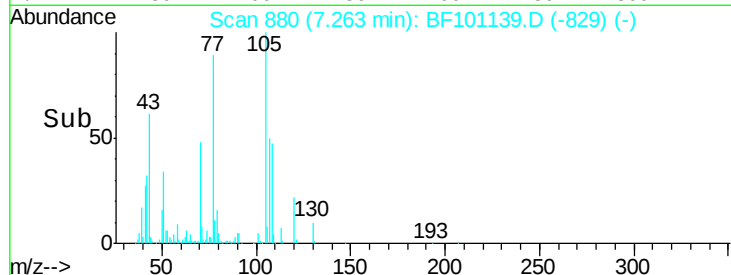
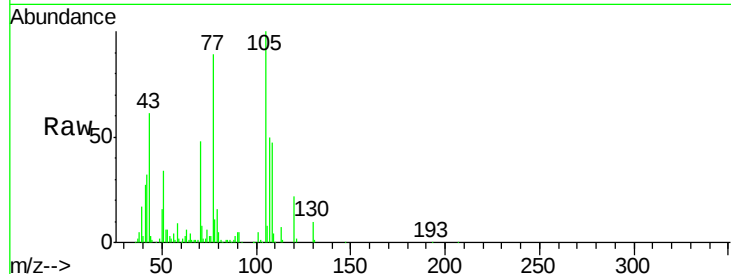
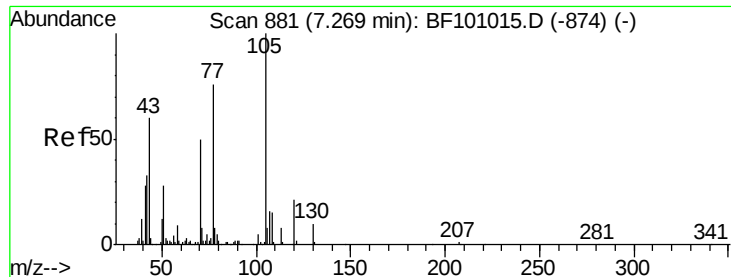
#18
Hexachloroethane
Concen: 37.255 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47315		
119	96.3	75.8	113.8	
201	100.6	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





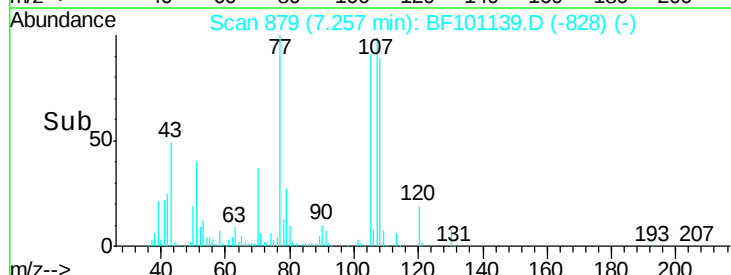
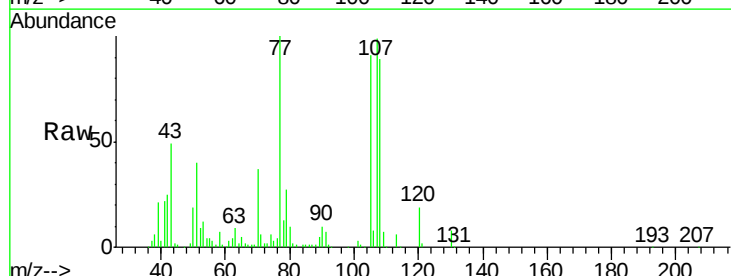
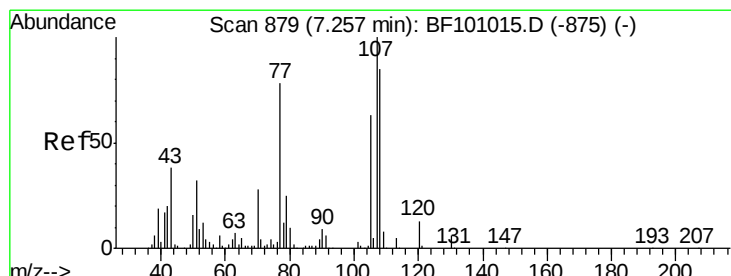
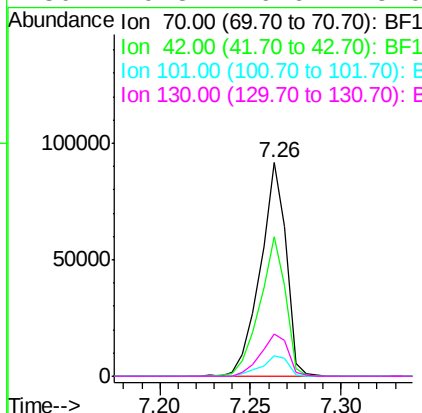
#19
n-Nitroso-di-n-propylamine
Concen: 36.876 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp:	90679
Ion	Ratio	Lower	Upper
70	100		
42	65.4	47.5	71.3
101	9.7	7.4	11.2
130	19.8	16.6	25.0

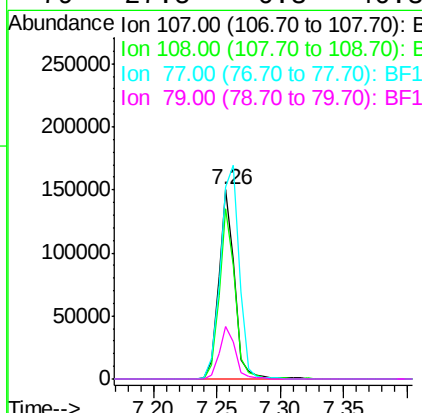
Manual Integrations
APPROVED

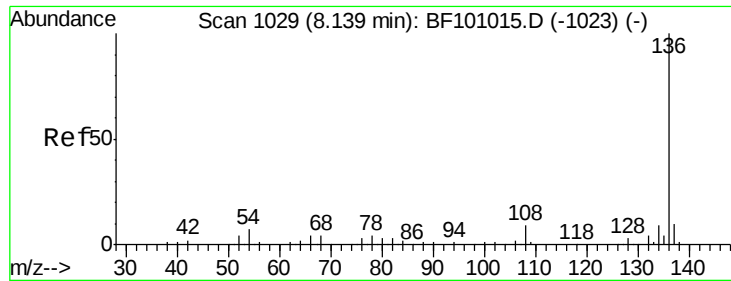
Sohil
12/6/2017 5:12:34 PM



#20
3+4-Methylphenols
Concen: 38.174 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	107	Resp:	131821
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	101.4	26.7	66.7#
79	27.5	6.3	46.3





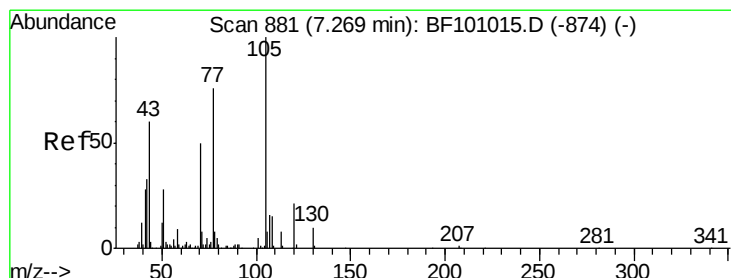
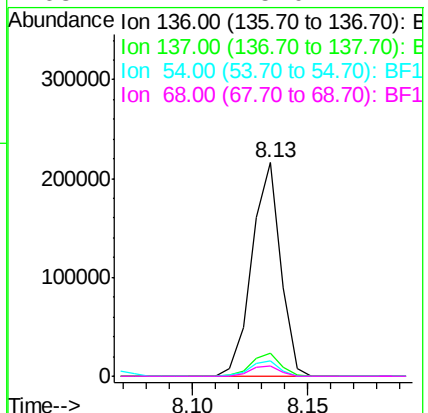
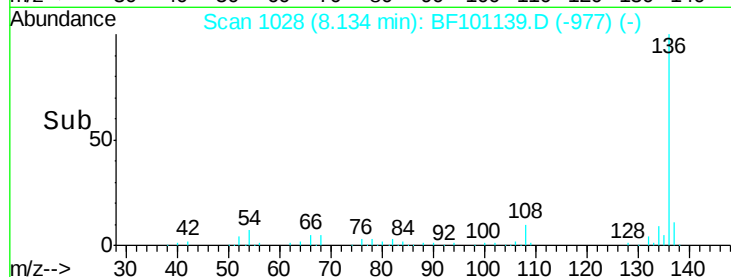
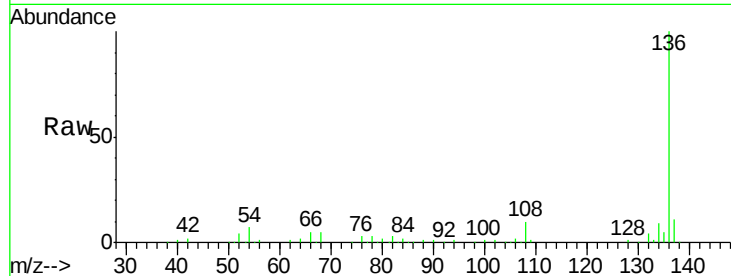
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		188051		
137	10.8		8.9	13.3	
54	7.0		6.6	9.8	
68	4.7		5.0	7.4	

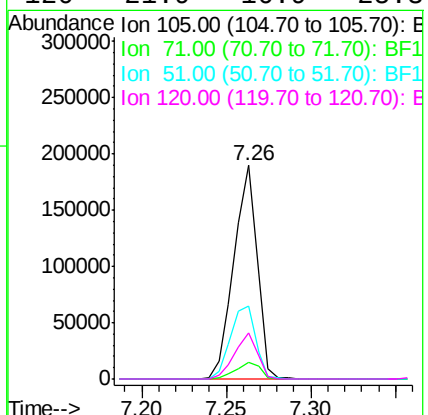
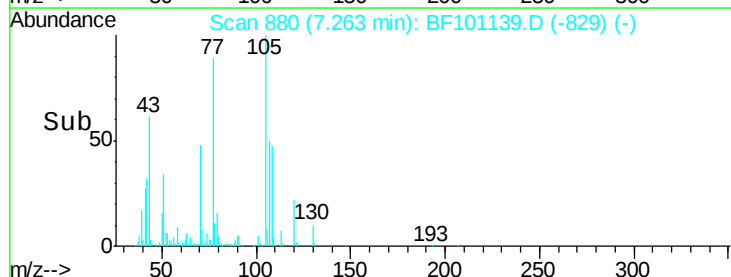
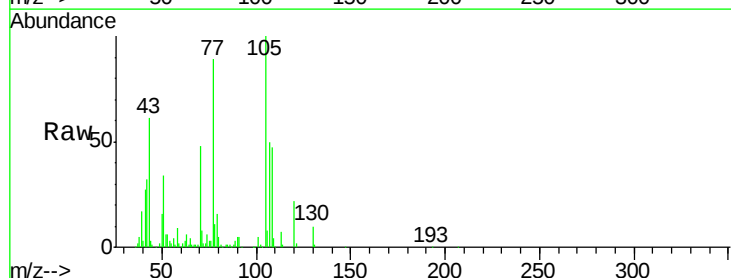
Manual Integrations
APPROVED

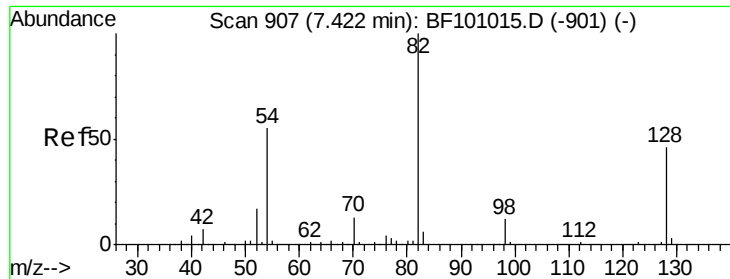
Sohil
12/6/2017 5:12:34 PM



#22
Acetophenone
Concen: 40.165 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		182479		
71	7.6		4.4	6.6	
51	34.1		22.3	33.5	
120	21.9		16.9	25.3	





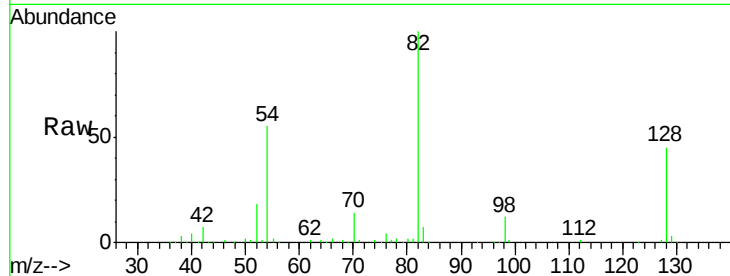
#23
Nitrobenzene-d5
Concen: 81.182 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

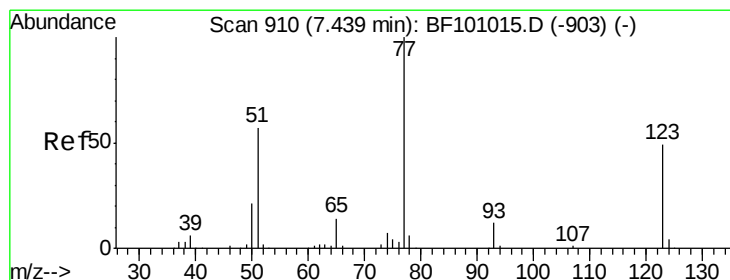
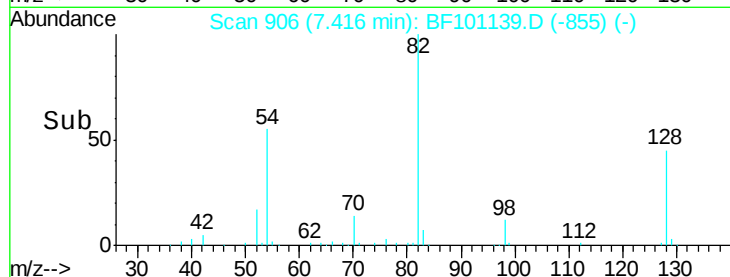
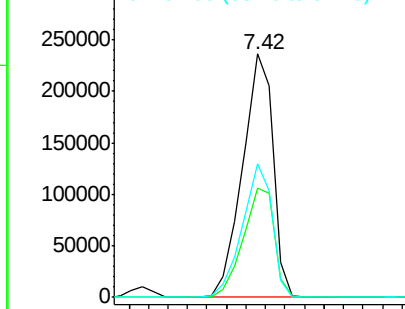
Tot Ion	Ratio	Resp	Lower	Upper
82	100	255919		
128	45.0	36.1	54.1	
54	55.0	41.4	62.2	

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM

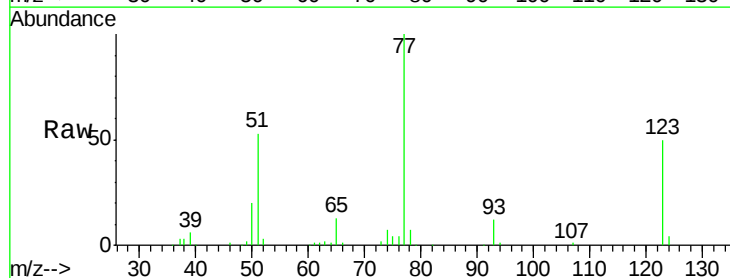


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

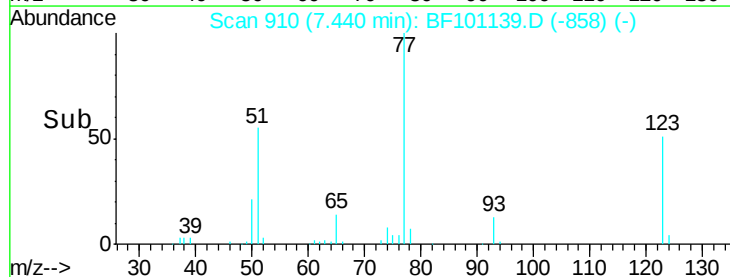
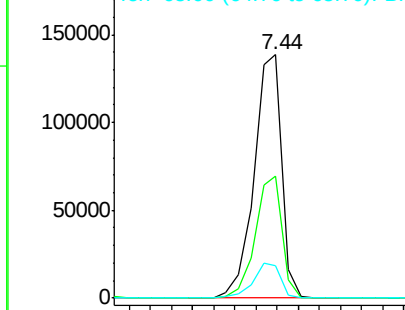


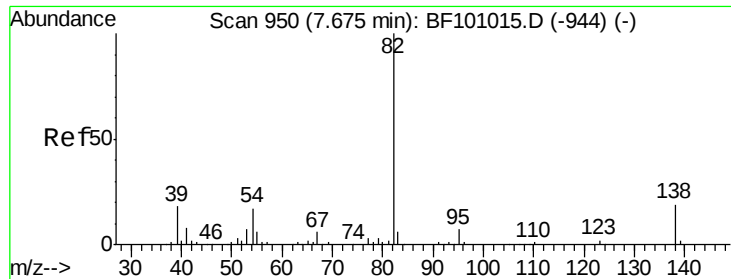
#24
Nitrobenzene
Concen: 40.849 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	126206		
123	50.0	37.9	56.9	
65	13.3	11.0	16.4	



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





#25

Isophorone

Concen: 39.028 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

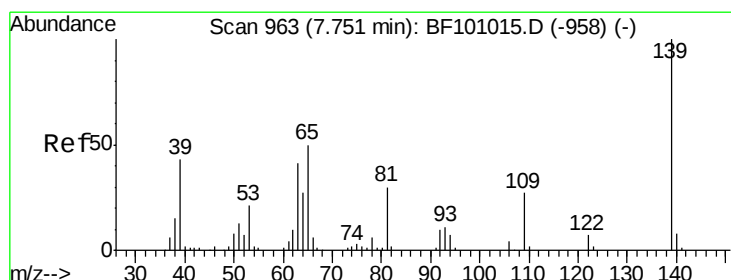
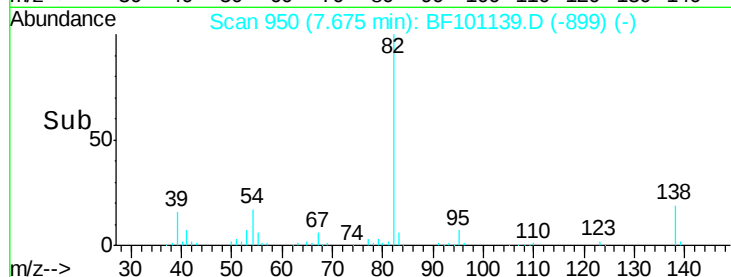
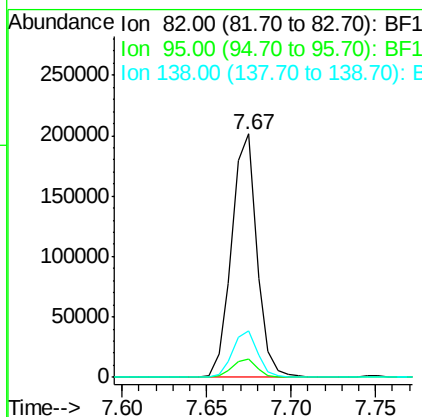
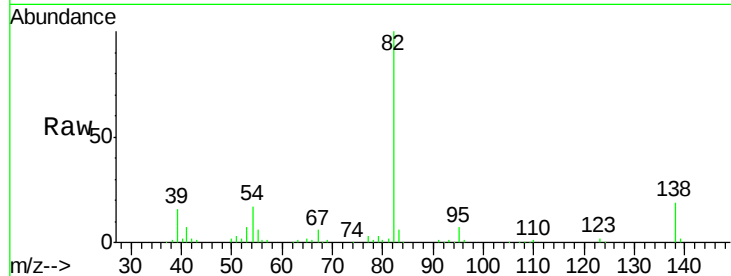
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	210154
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.2	7.8
138	19.2	14.9	22.3

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



#26

2-Nitrophenol

Concen: 38.058 ng

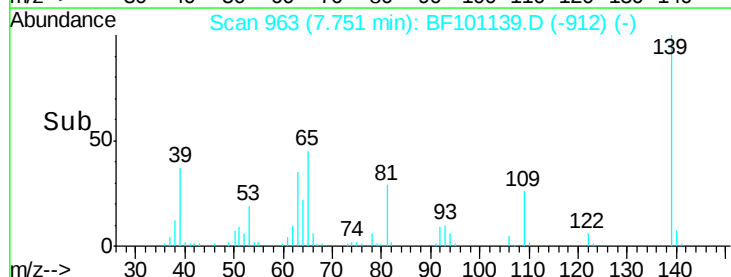
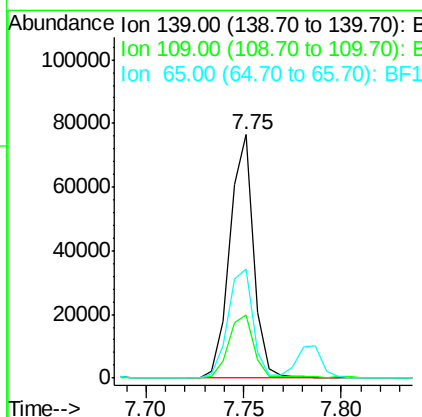
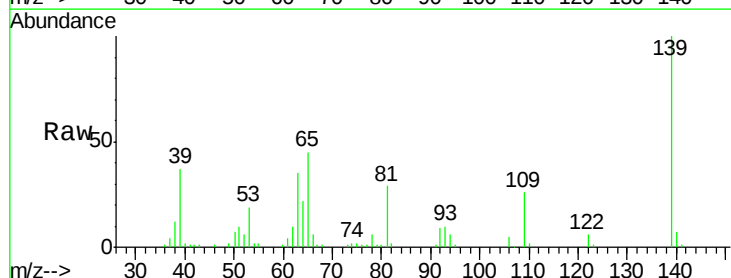
RT: 7.75 min Scan# 963

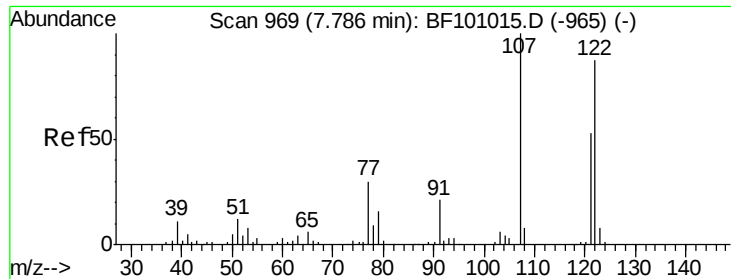
Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Tgt Ion:	139	Resp:	64548
Ion Ratio		Lower	Upper
139	100		
109	25.7	22.7	34.1
65	44.7	40.5	60.7





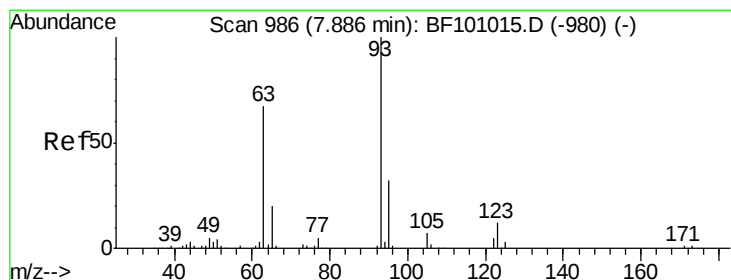
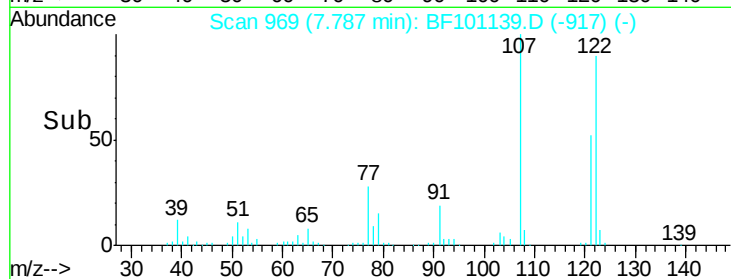
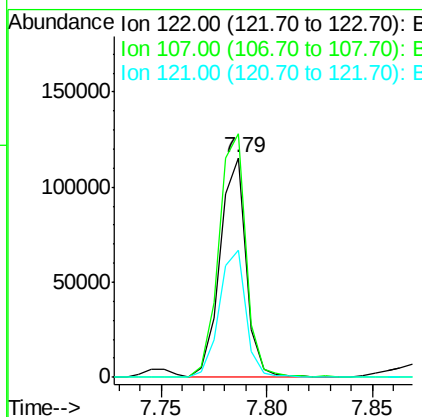
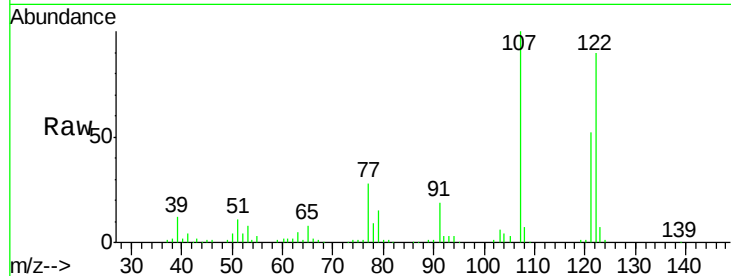
#27
2,4-Dimethylphenol
Concen: 40.415 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	91.2	136.8
121	57.8	47.2	70.8

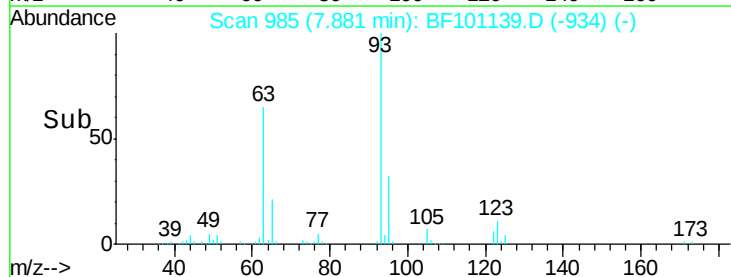
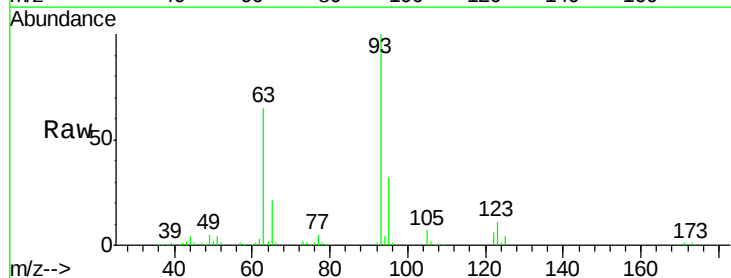
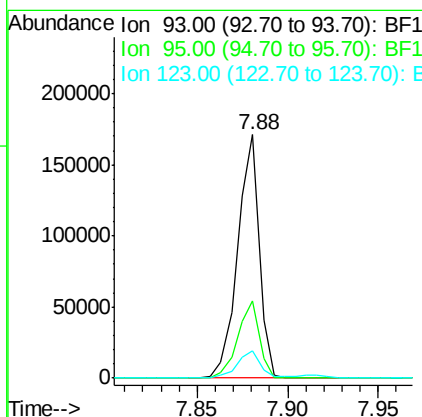
Manual Integrations
APPROVED

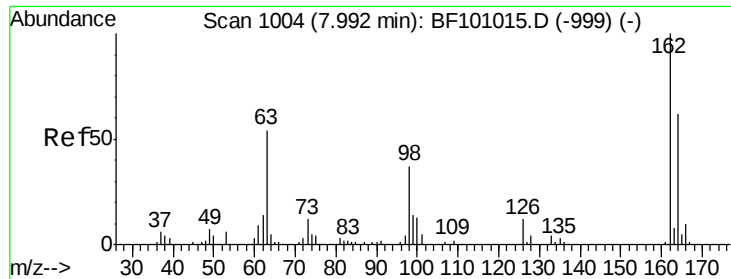
Sohil
12/6/2017 5:12:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.215 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.3	39.5
123	11.3	9.8	14.6





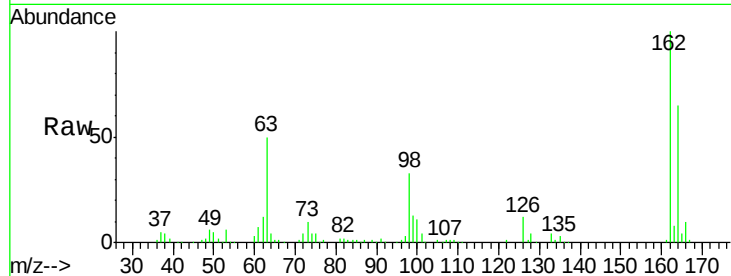
#29
 2,4-Dichlorophenol
 Concen: 40.938 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

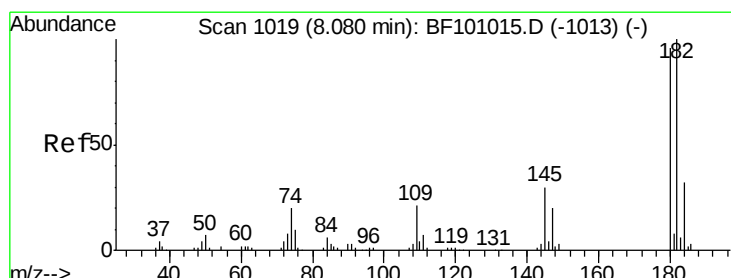
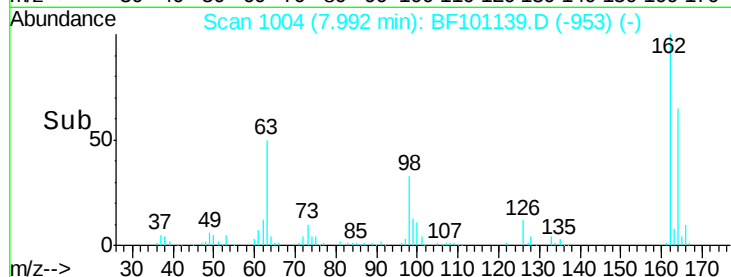
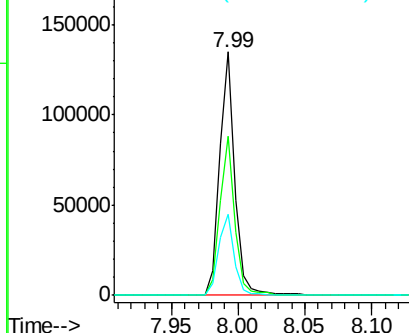
Tot Ion	Ratio	Resp	Lower	Upper
162	100	109330		
164	65.2	42.7	82.7	
98	33.2	18.1	58.1	

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:34 PM



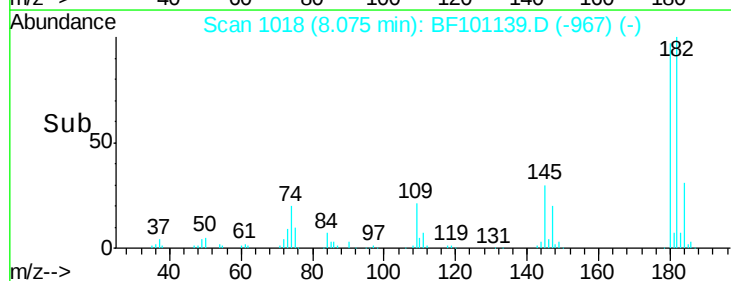
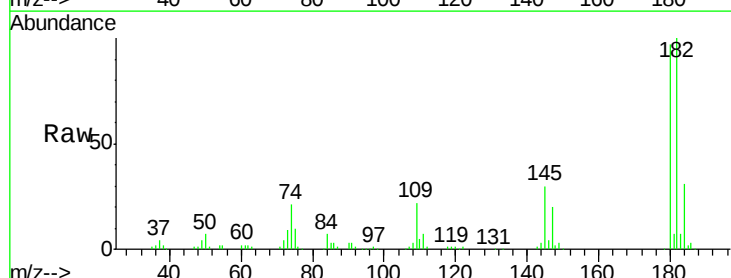
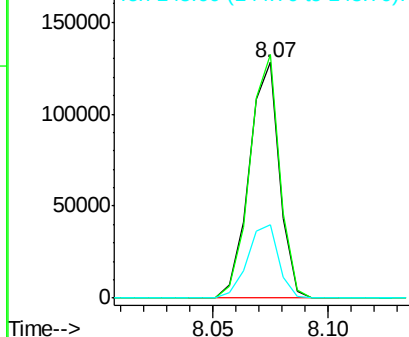
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

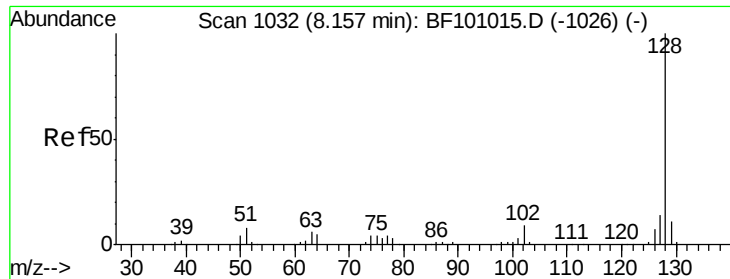


#30
 1,2,4-Trichlorobenzene
 Concen: 40.017 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117513		
182	103.2	76.8	115.2	
145	30.9	26.5	39.7	

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





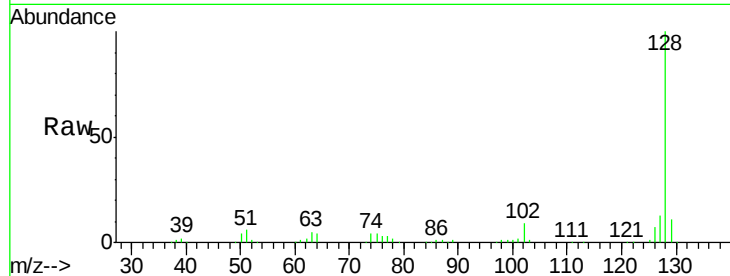
#31
Naphthalene
Concen: 39.738 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

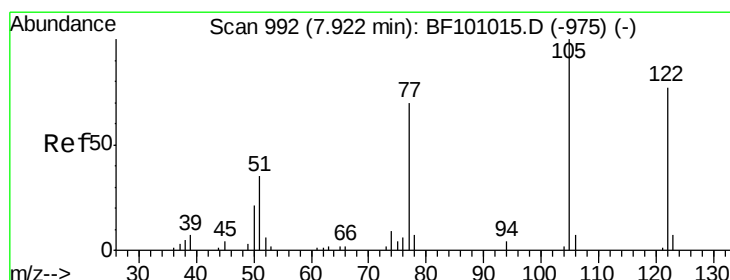
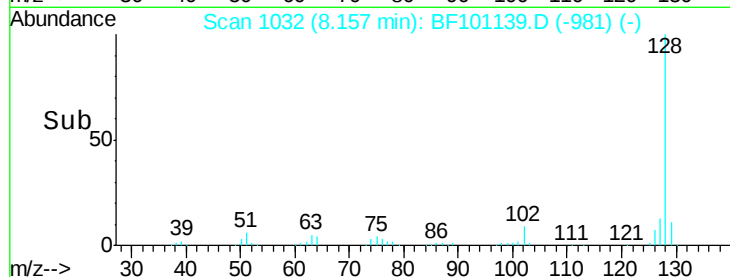
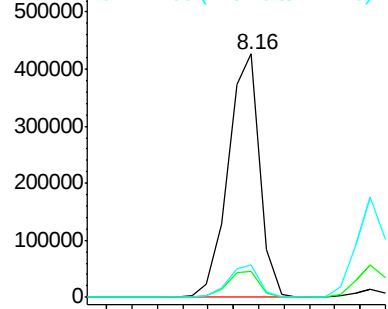
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.9	16.3

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM

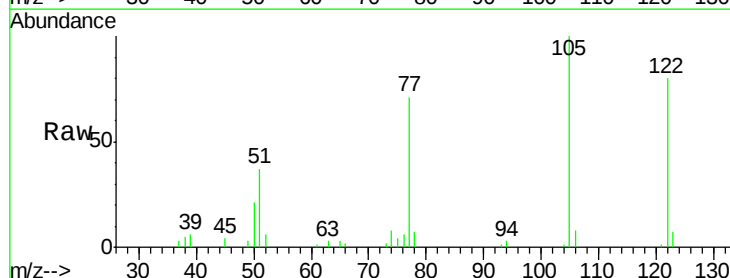


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

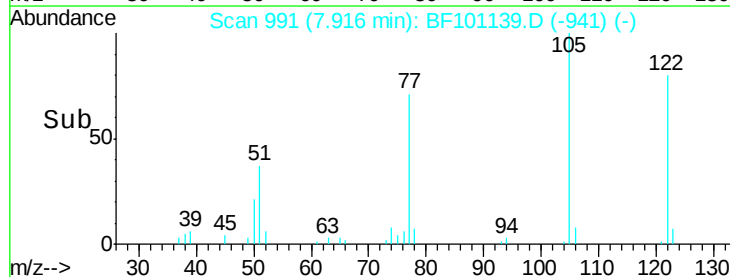
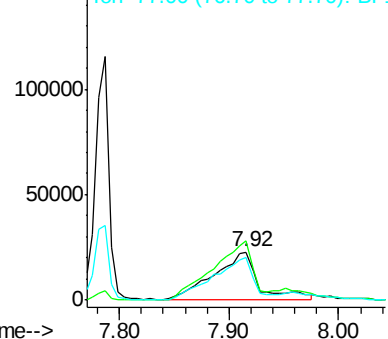


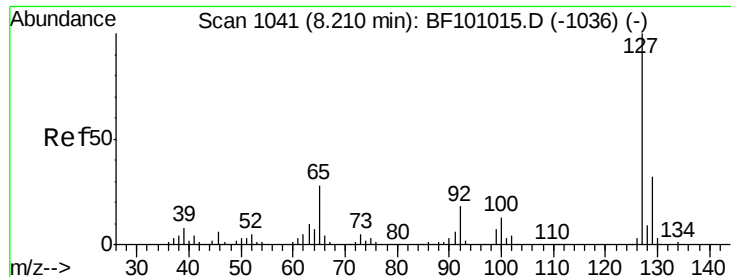
#32
Benzoic acid
Concen: 34.184 ng m
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	101.1	141.1
77	88.1	70.7	110.7



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





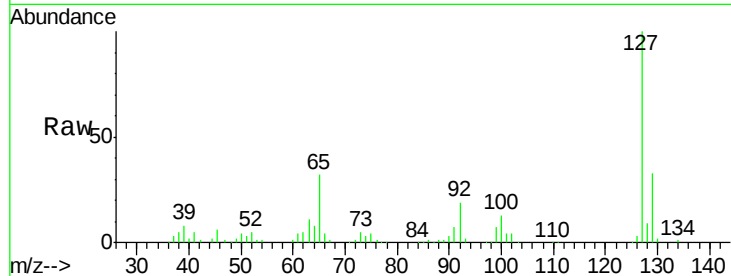
#33
4-Chloroaniline
Concen: 39.707 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

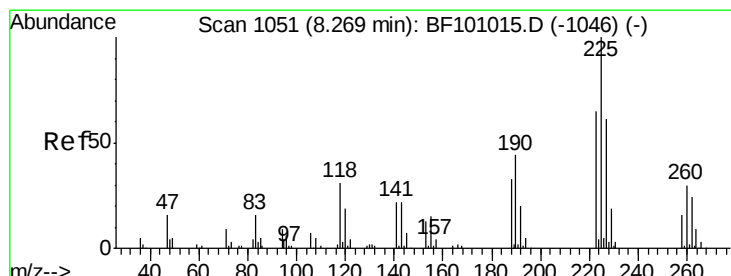
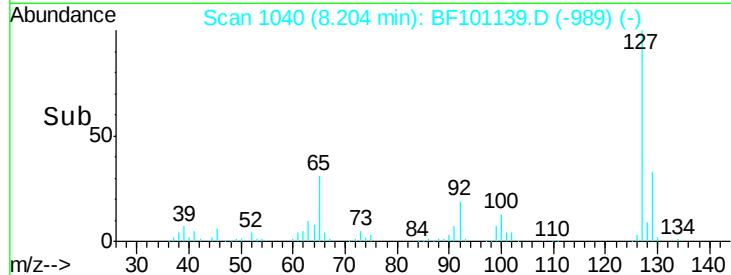
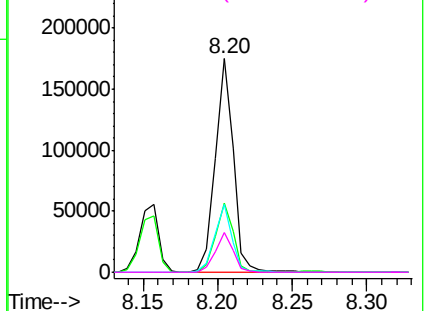
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	31.9	25.0	37.4		
92	18.6	15.2	22.8		

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



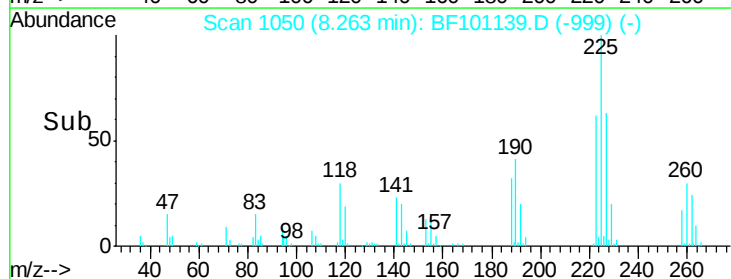
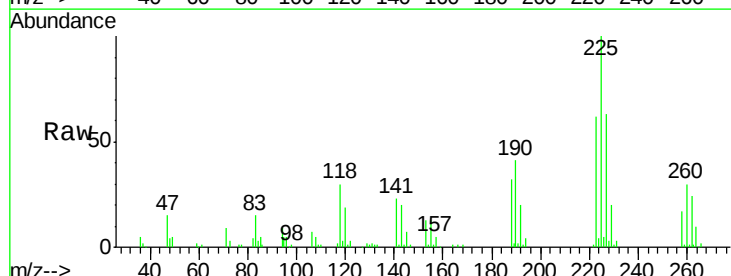
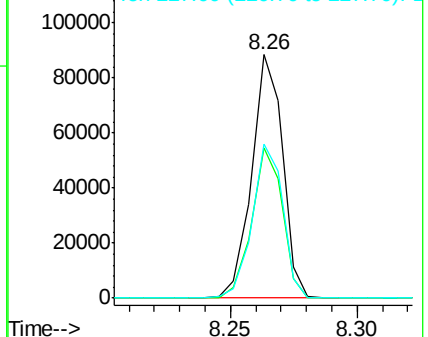
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

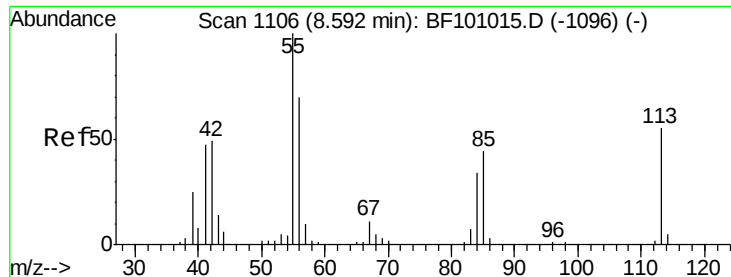


#34
Hexachlorobutadiene
Concen: 41.652 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.6	76.0		
227	63.4	51.9	77.9		

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





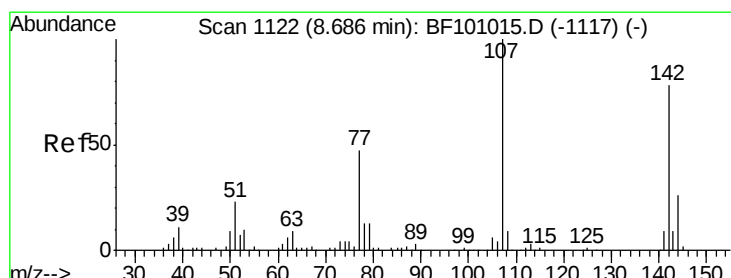
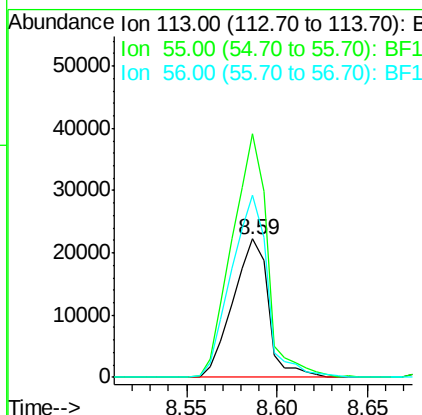
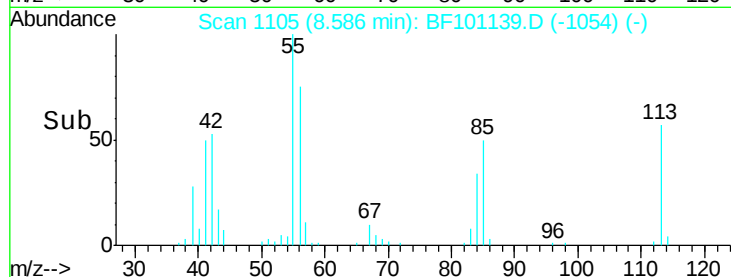
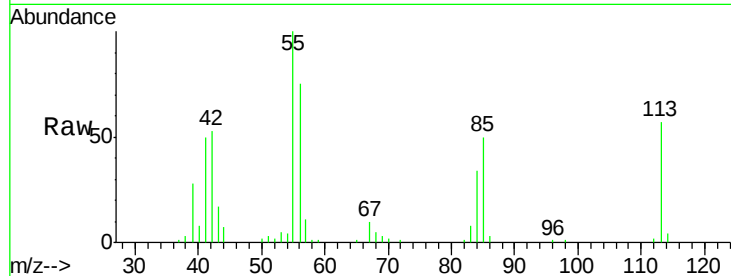
#35
Caprolactam
Concen: 36.406 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.6	163.3	203.3
56	131.6	115.7	155.7

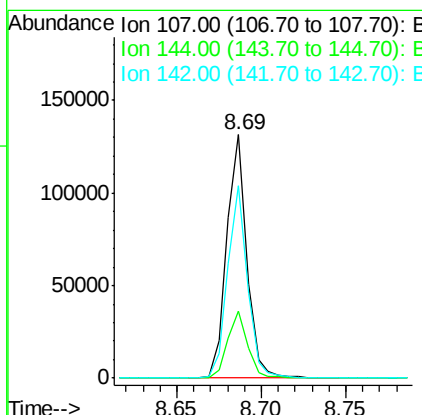
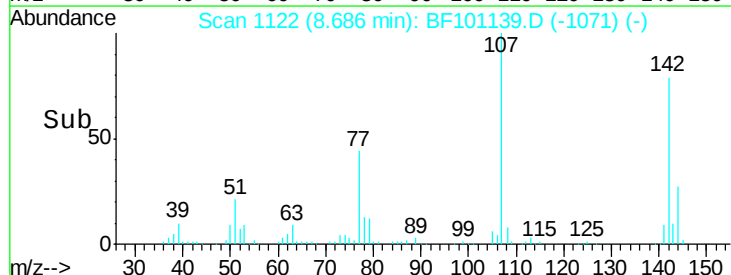
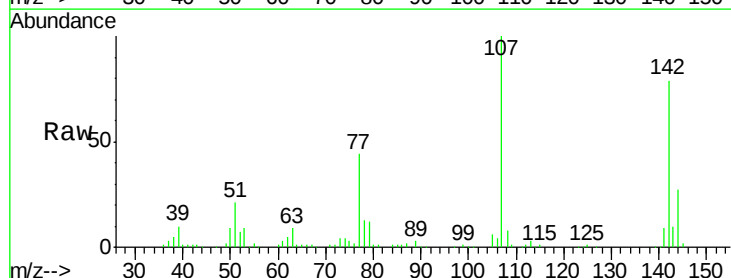
Manual Integrations
APPROVED

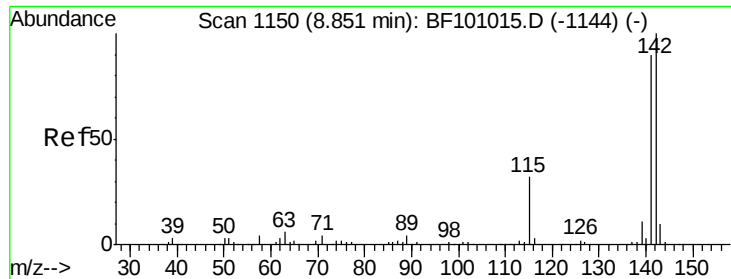
Sohil
12/6/2017 5:12:34 PM



#36
4-Chloro-3-methylphenol
Concen: 39.344 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.5	30.7
142	79.0	62.0	93.0





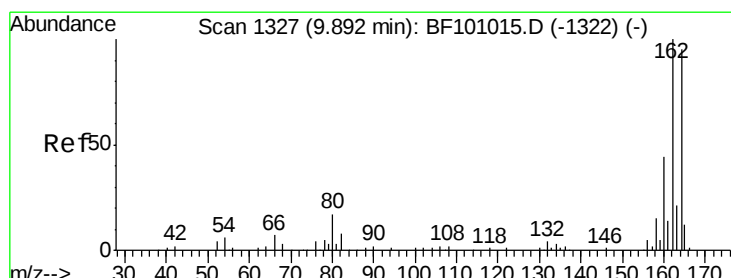
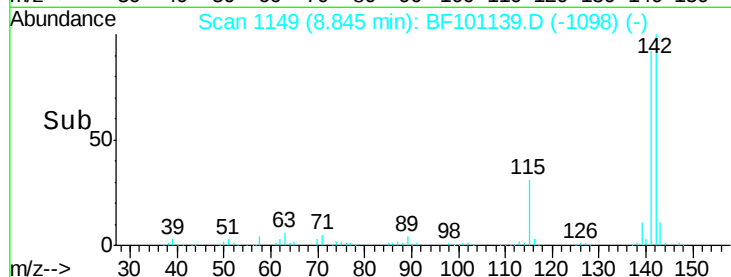
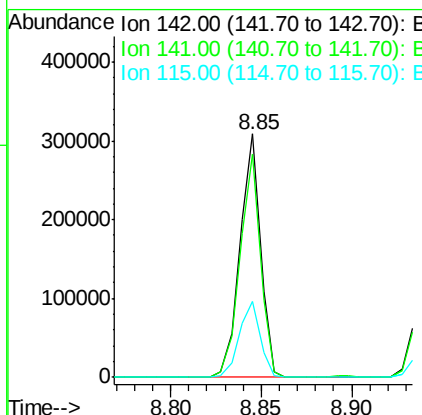
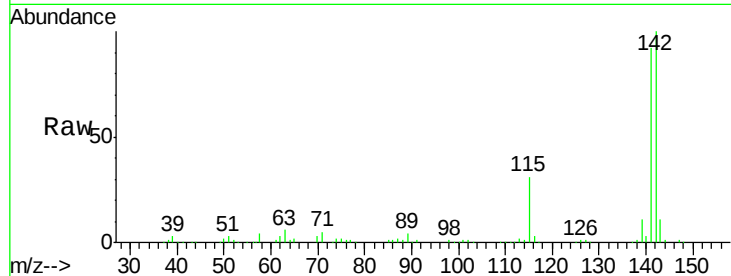
#37
2-Methylnaphthalene
Concen: 38.797 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.8	106.2
115	31.4	26.1	39.1

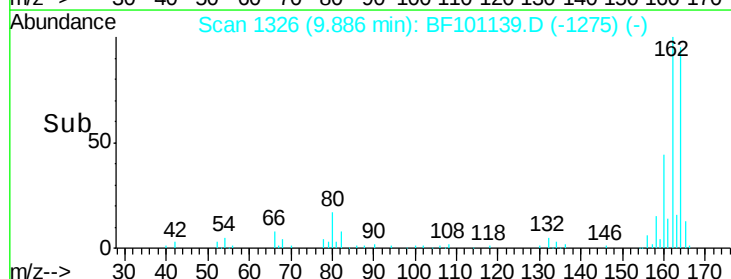
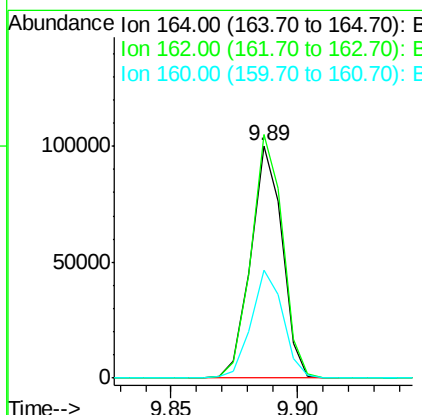
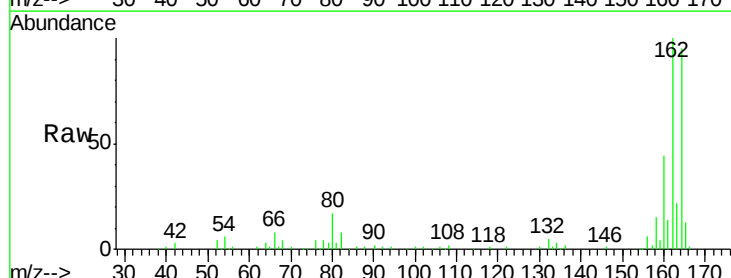
Manual Integrations
APPROVED

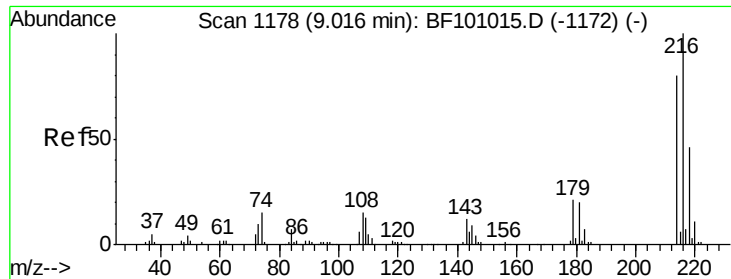
Sohil
12/6/2017 5:12:34 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.5	38.3	57.5





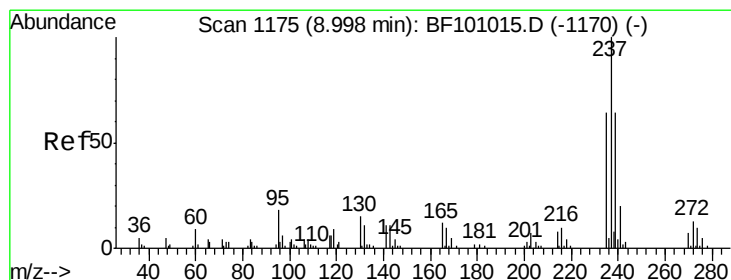
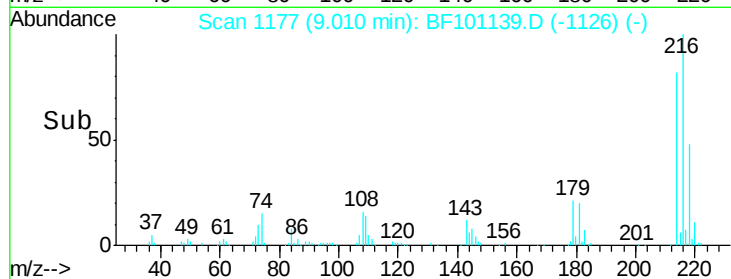
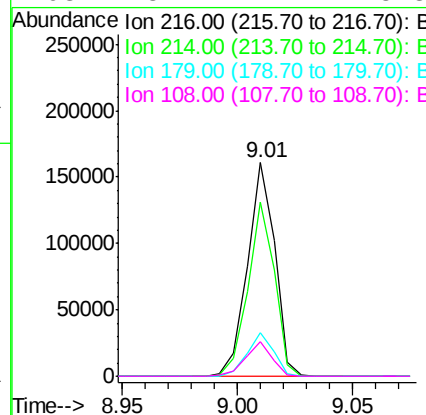
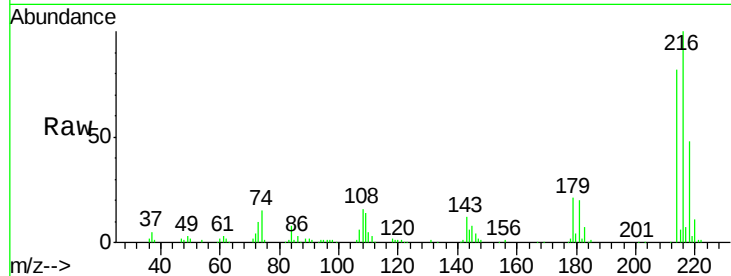
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.248 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.0	94.4	
179	20.0	18.1	27.1	
108	15.7	17.2	25.8	

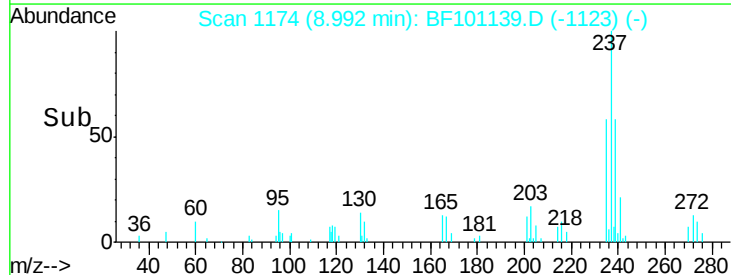
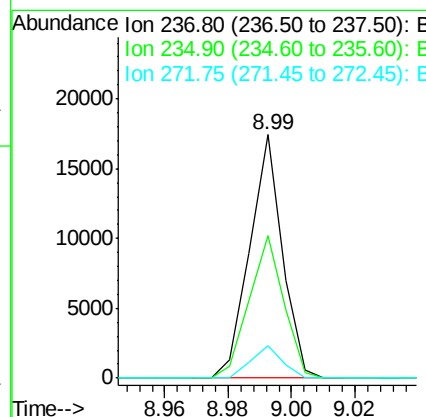
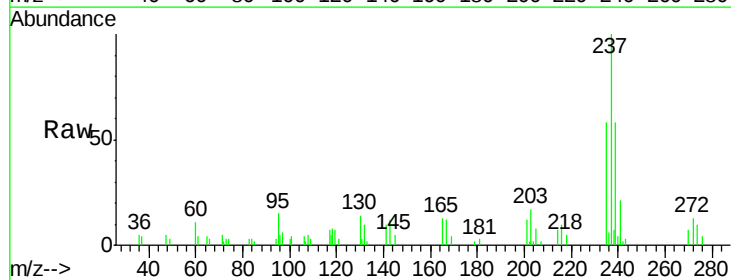
Manual Integrations
 APPROVED

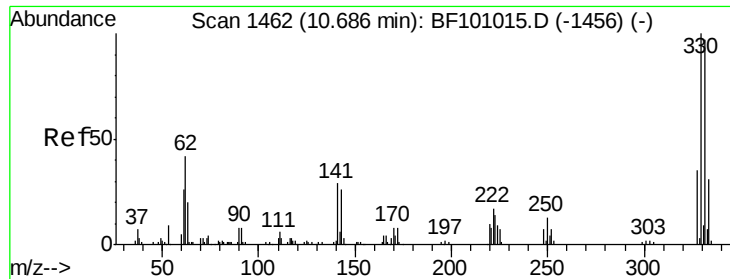
Sohil
 12/6/2017 5:12:34 PM



#40
 Hexachlorocyclopentadiene
 Concen: 17.895 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	58.4	44.8	84.8	
272	13.1	0.0	33.3	





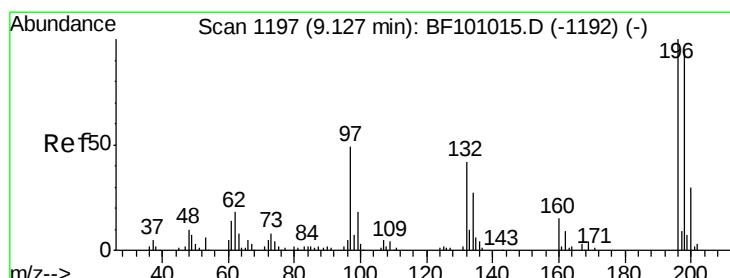
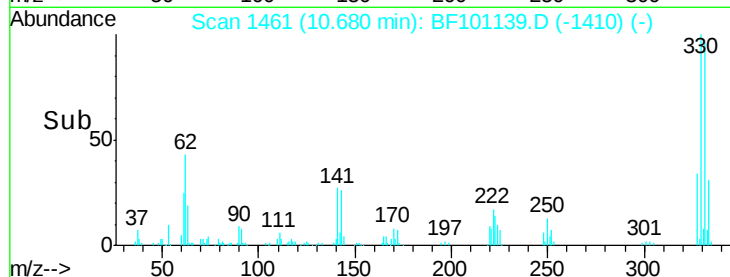
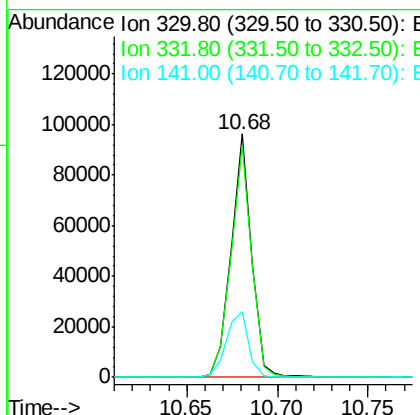
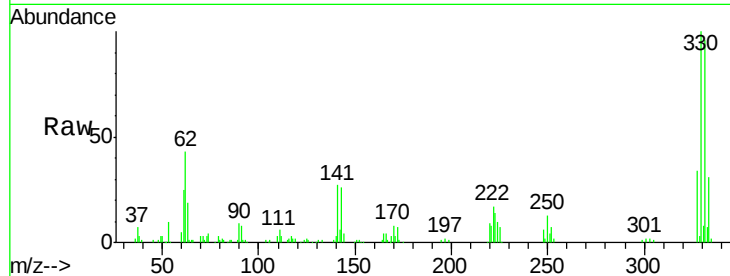
#41
 2,4,6-Tribromophenol
 Concen: 73.297 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.1	29.9	44.9#

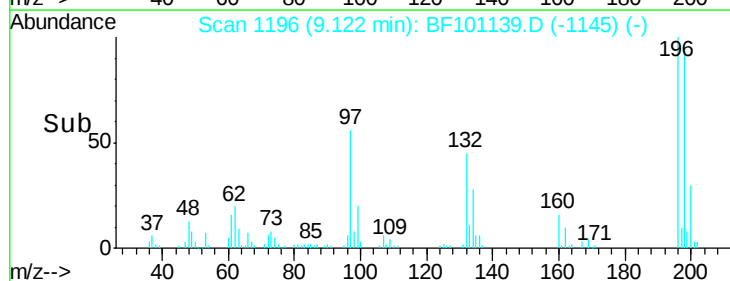
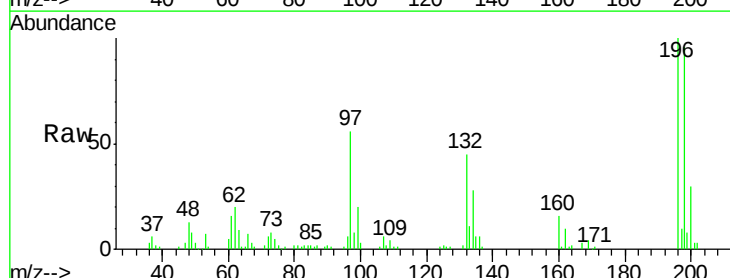
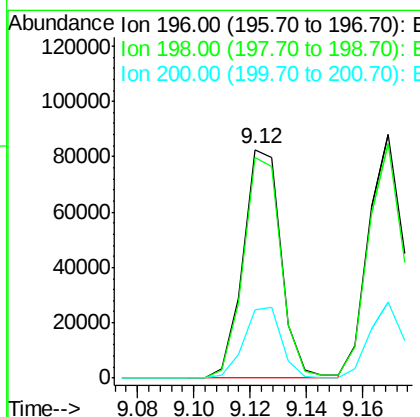
Manual Integrations
 APPROVED

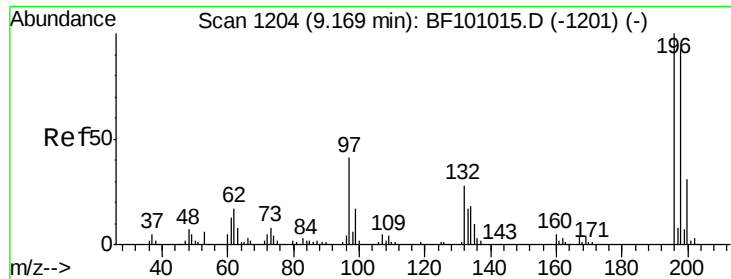
Sohil
 12/6/2017 5:12:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.818 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	29.8	24.5	36.7





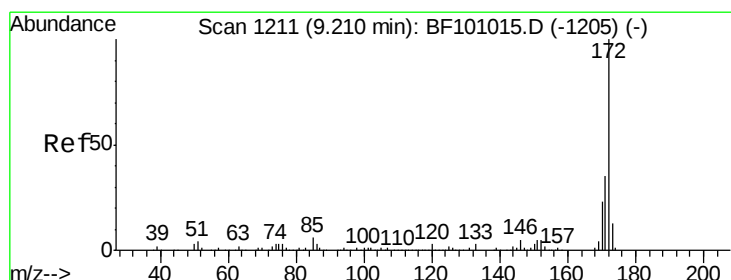
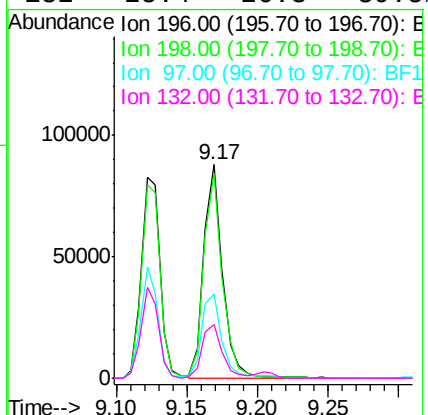
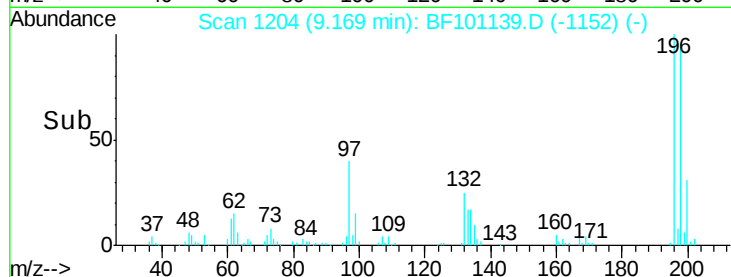
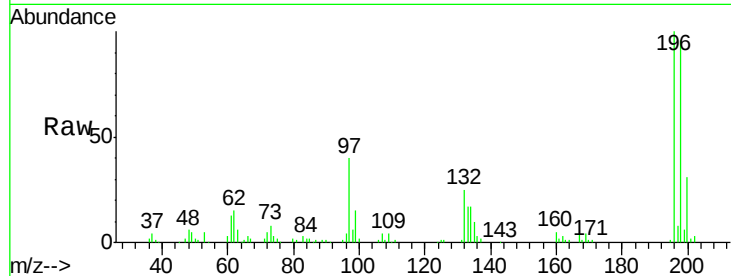
#43
2,4,5-Trichlorophenol
Concen: 41.627 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	39.6	42.9	64.3
132	25.4	26.3	39.5

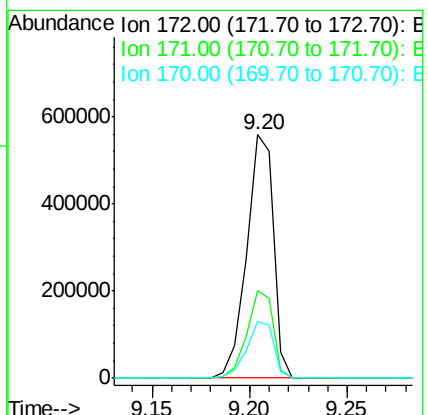
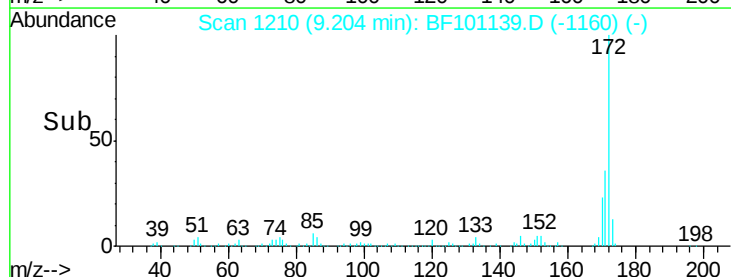
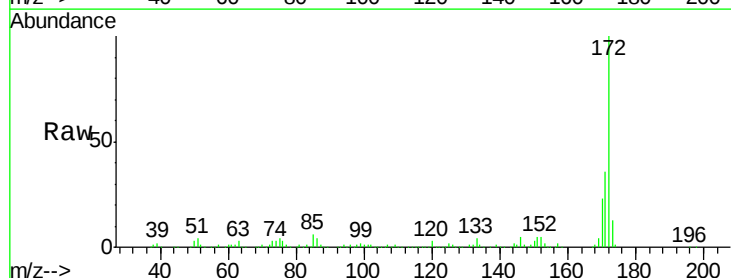
Manual Integrations
APPROVED

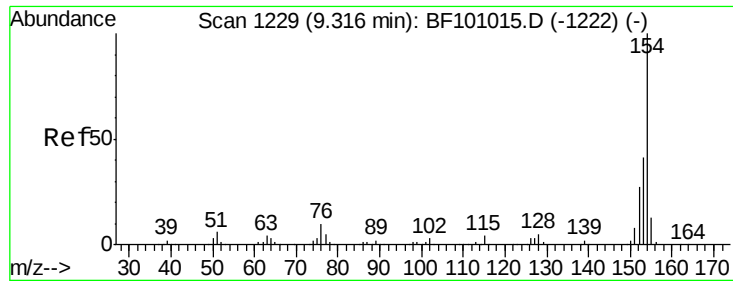
Sohil
12/6/2017 5:12:34 PM



#44
2-Fluorobiphenyl
Concen: 83.539 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.4	19.6	29.4





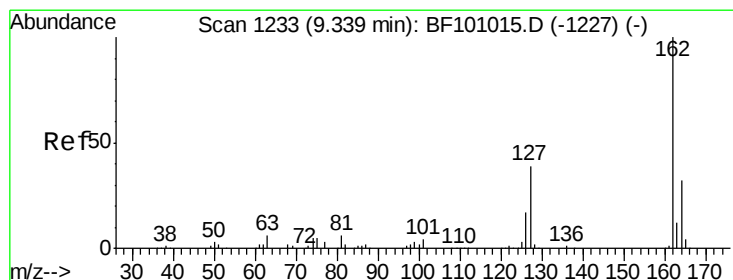
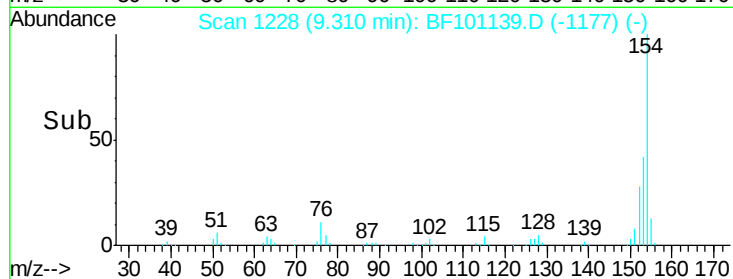
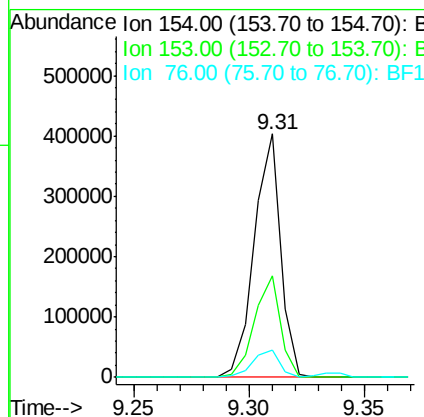
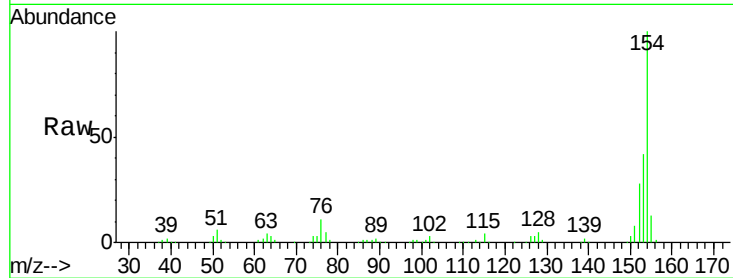
#45
1,1'-Biphenyl
Concen: 40.875 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	154	Resp:	324854
Ion Ratio	Lower	Upper	
154	100		
153	41.6	21.3	61.3
76	11.2	0.0	34.0

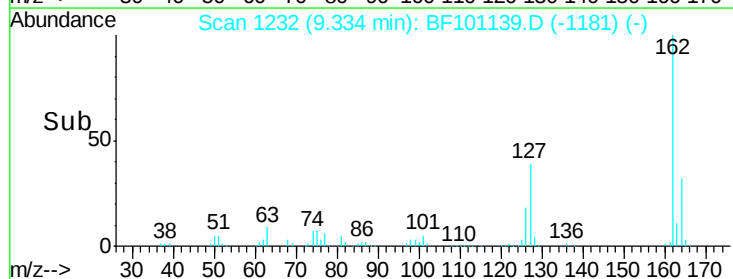
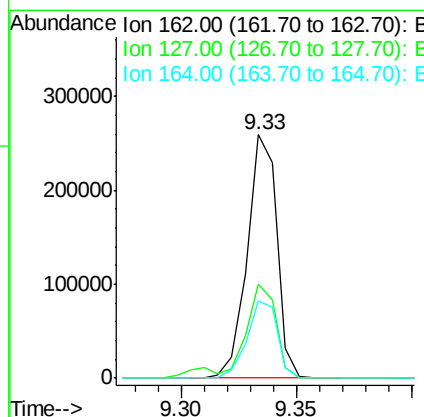
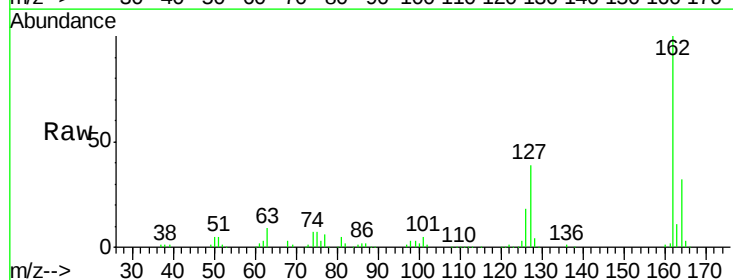
Manual Integrations
APPROVED

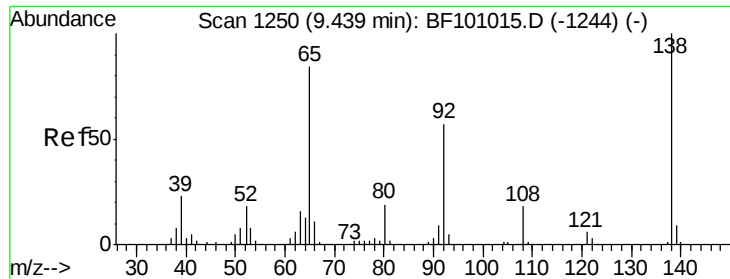
Sohil
12/6/2017 5:12:34 PM



#46
2-Chloronaphthalene
Concen: 41.152 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion:	162	Resp:	232270
Ion Ratio	Lower	Upper	
162	100		
127	38.6	33.9	50.9
164	31.7	26.5	39.7





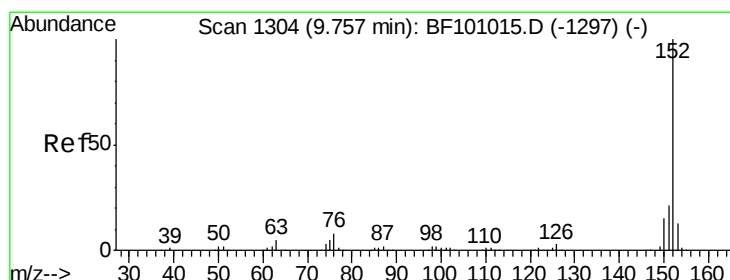
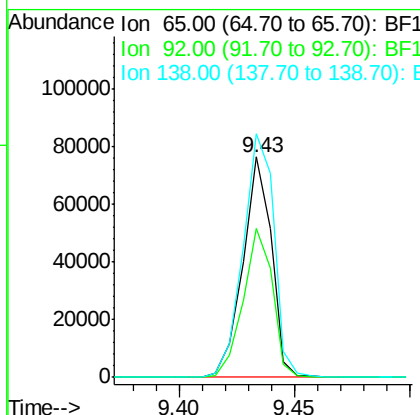
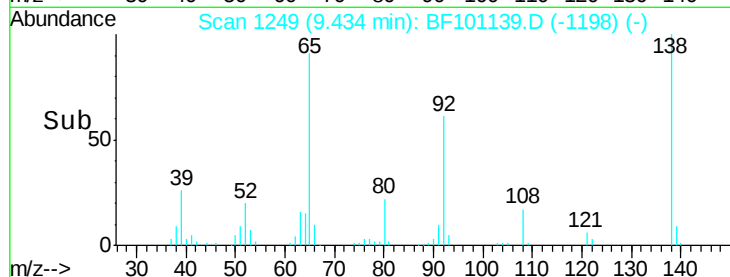
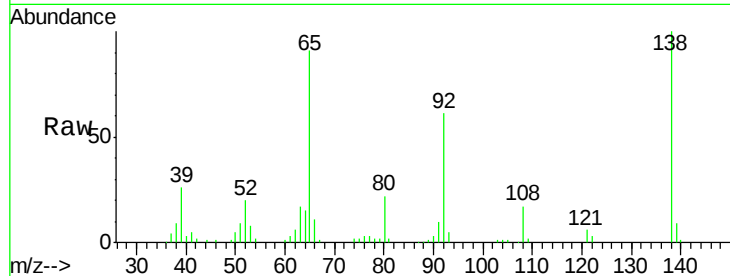
#47
 2-Nitroaniline
 Concen: 39.785 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	55.8	83.6
138	110.4	91.2	136.8

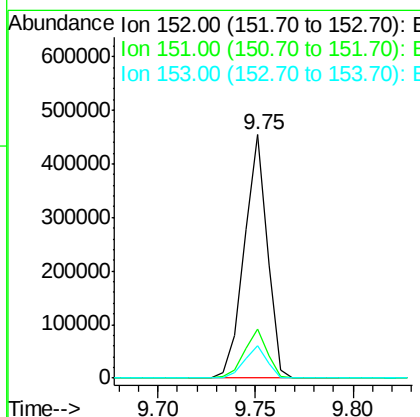
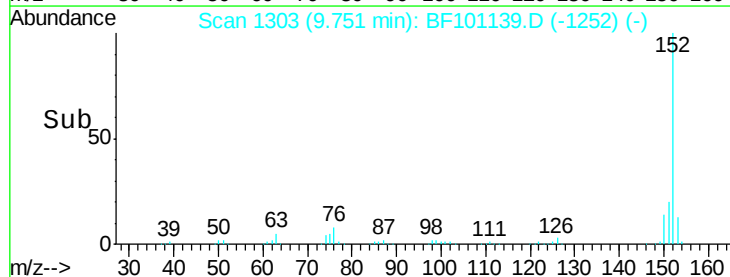
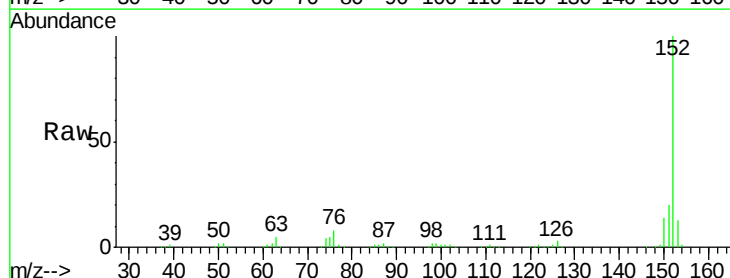
Manual Integrations
 APPROVED

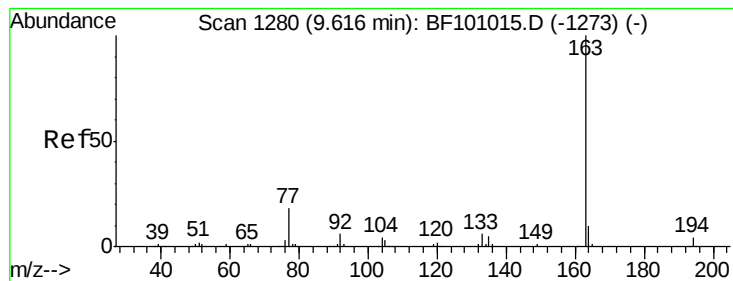
Sohil
 12/6/2017 5:12:34 PM



#48
 Acenaphthylene
 Concen: 40.079 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.7	16.1





#49

Dimethylphthalate

Concen: 39.425 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

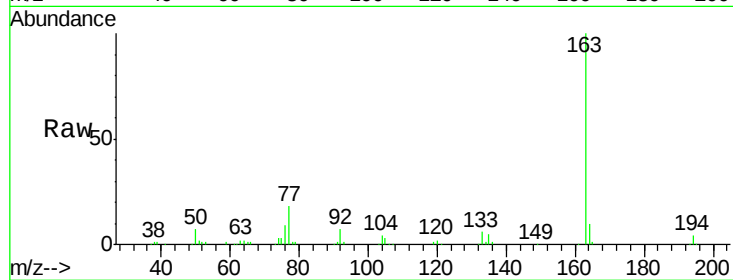
ClientSampleId :

SSTDCCC040

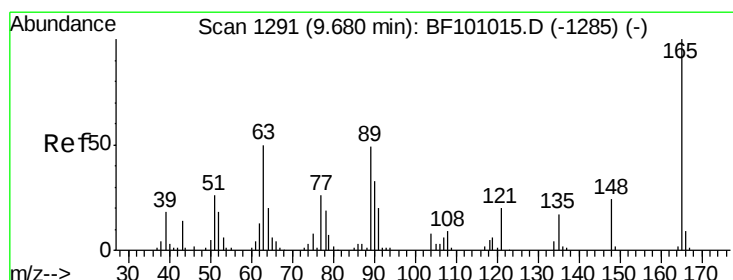
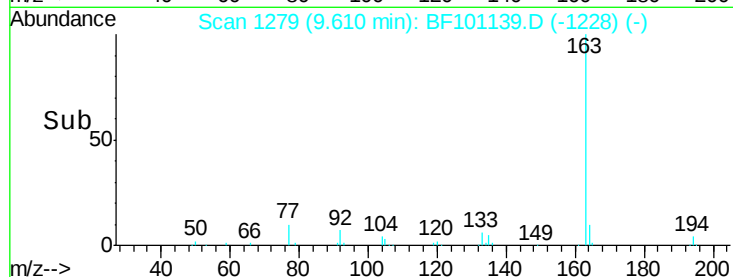
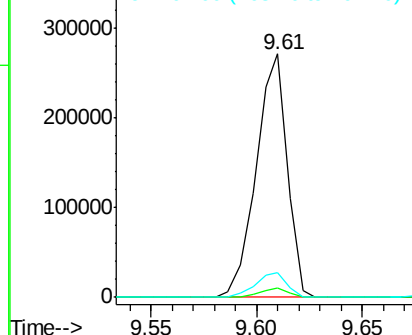
Tot Ion:	163	Resp:	275807
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



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



#50

2,6-Dinitrotoluene

Concen: 38.610 ng

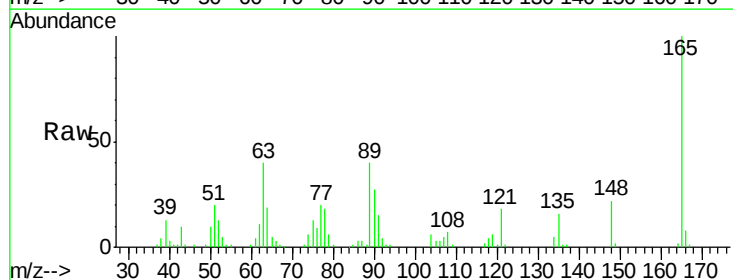
RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

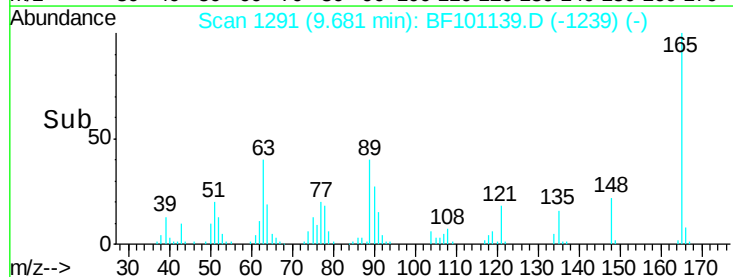
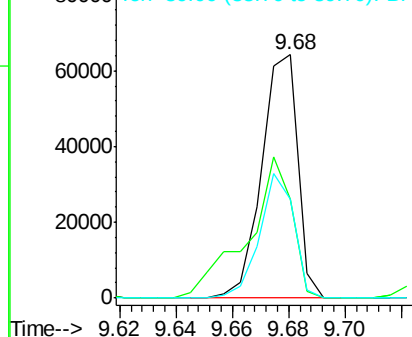
Lab File: BF101139.D

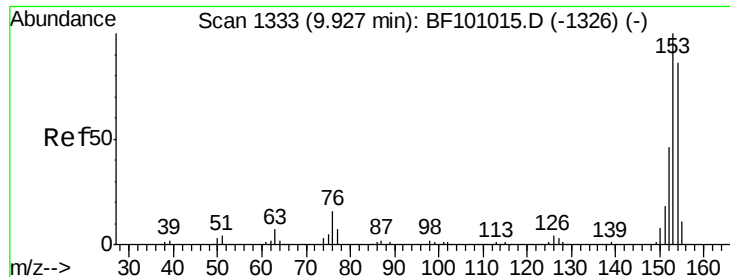
Acq: 5 Dec 2017 22:51

Tgt Ion:	165	Resp:	56890
Ion Ratio	Lower	Upper	
165	100		
63	40.5	44.7	67.1#
89	40.4	44.0	66.0#



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





#51

Acenaphthene

Concen: 39.206 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

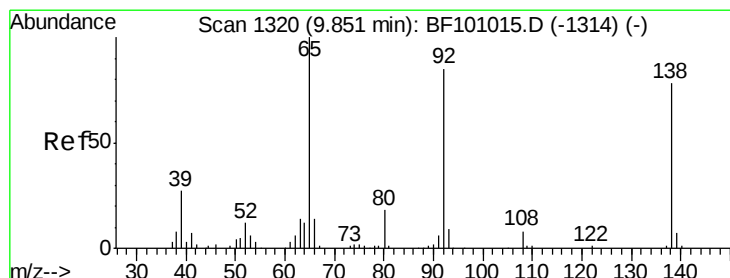
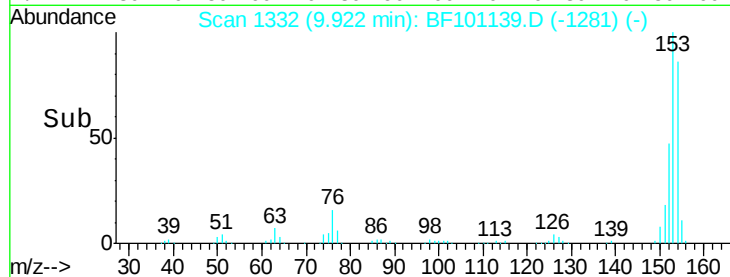
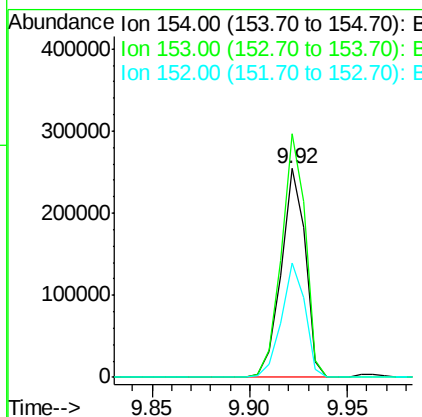
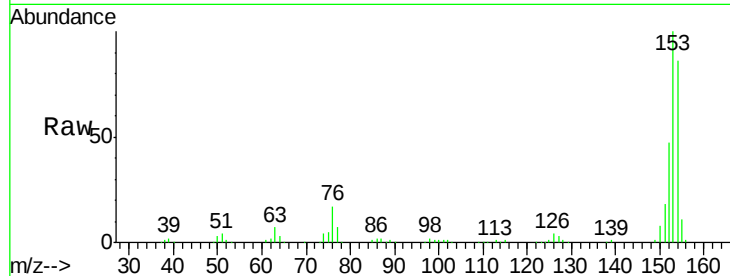
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	217757
Ion Ratio	Lower	Upper	
154	100		
153	116.6	91.2	136.8
152	54.9	43.8	65.8

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



#52

3-Nitroaniline

Concen: 38.718 ng

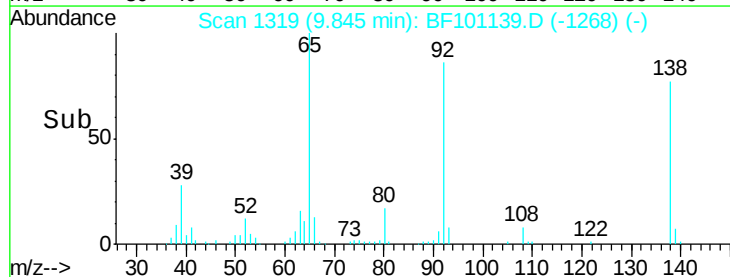
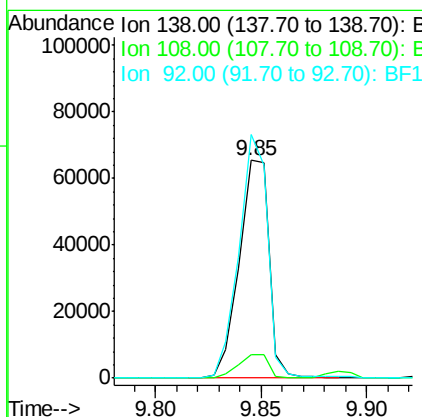
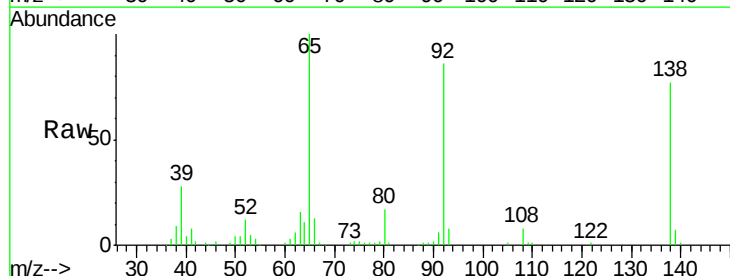
RT: 9.85 min Scan# 1319

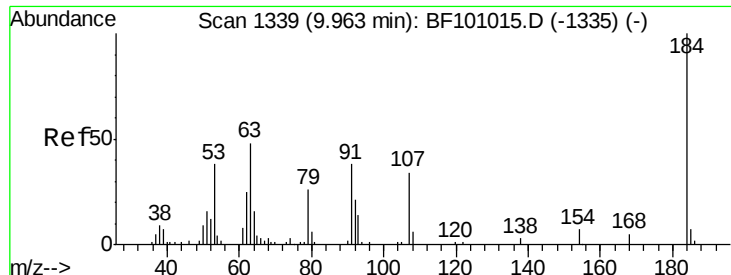
Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Tgt Ion:	138	Resp:	64155
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	111.8	89.4	134.2





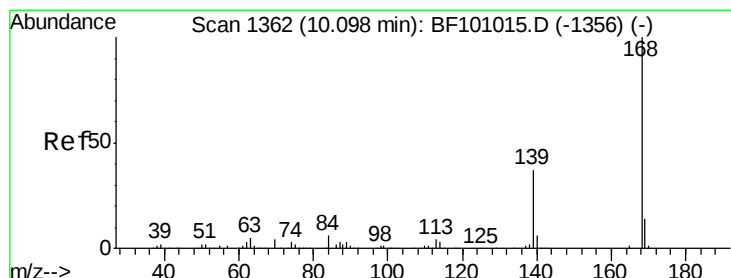
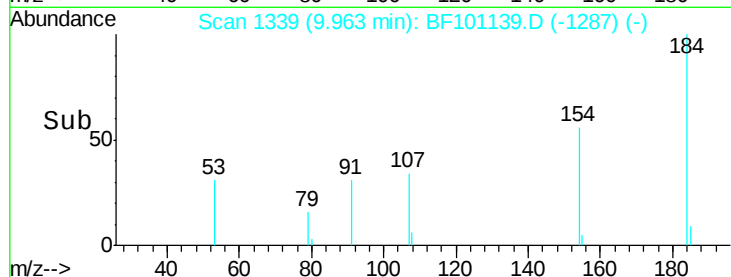
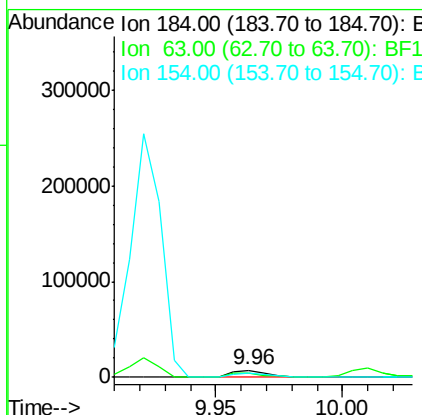
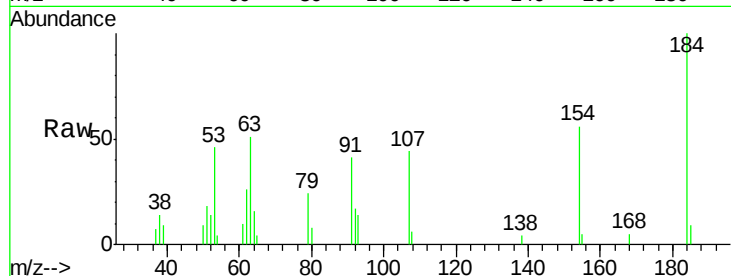
#53
 2,4-Dinitrophenol
 Concen: 15.388 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.8	54.2	81.2#	
154	56.3	184.0	276.0#	

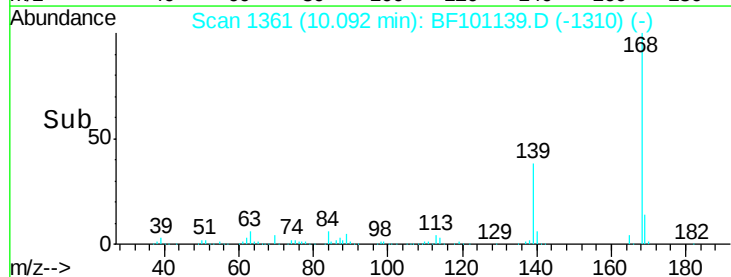
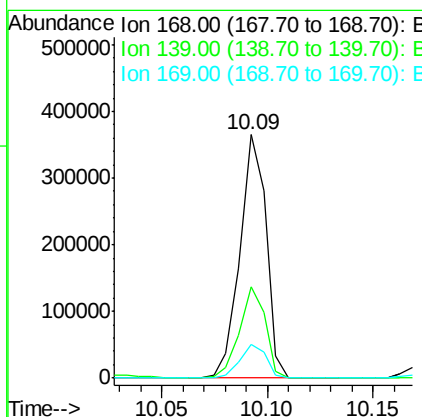
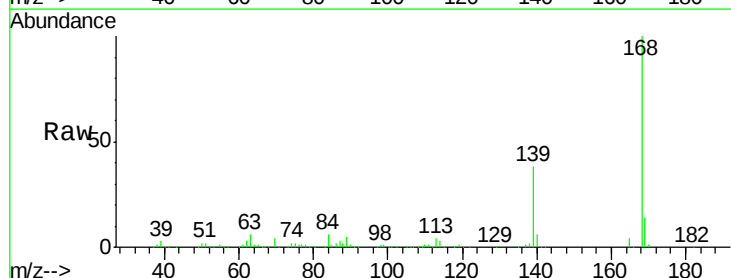
Manual Integrations
 APPROVED

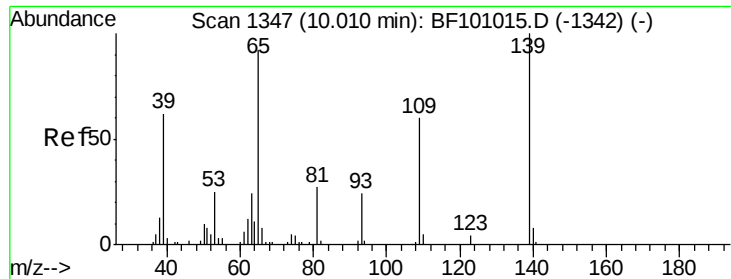
Sohil
 12/6/2017 5:12:34 PM



#54
 Dibenzofuran
 Concen: 39.036 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.5	30.1	45.1	
169	13.9	10.9	16.3	





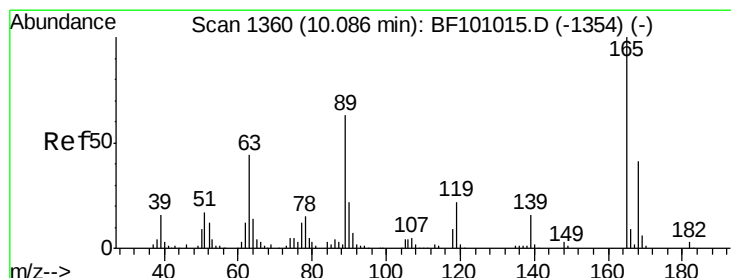
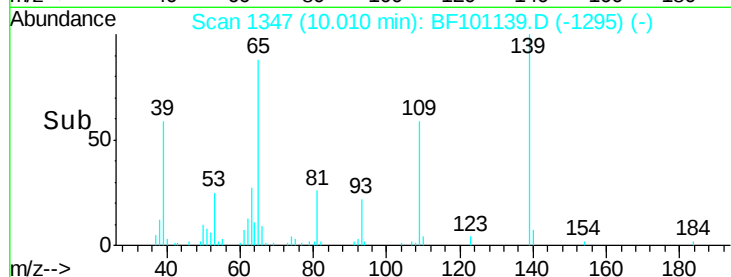
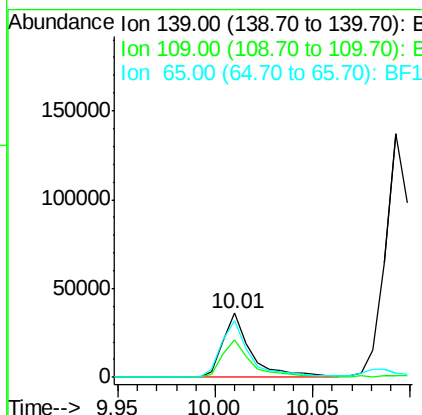
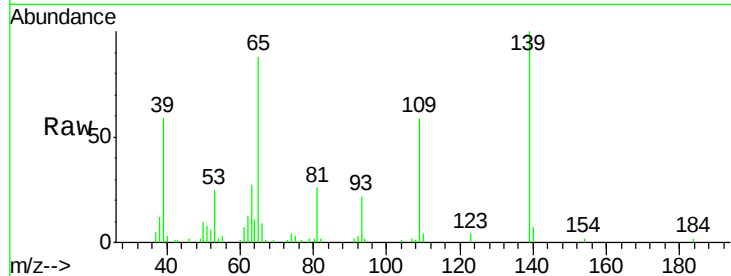
#55
4-Nitrophenol
Concen: 32.729 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.3	48.4	88.4
65	88.0	72.6	112.6

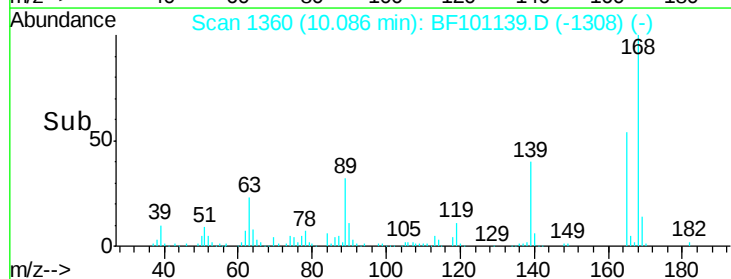
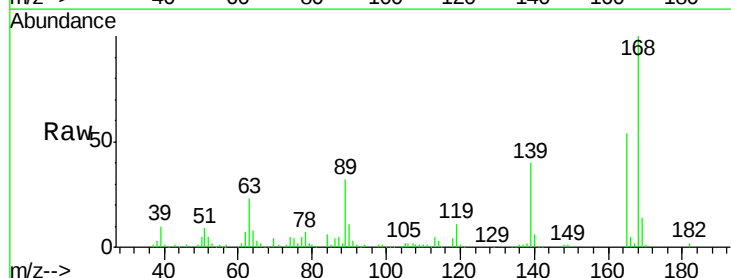
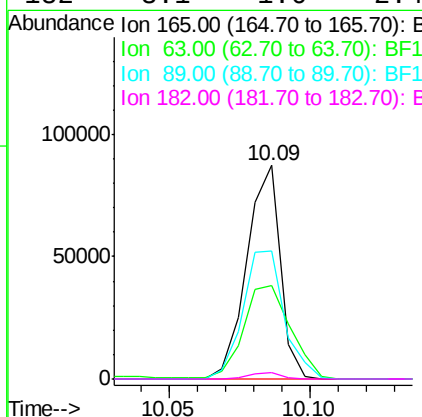
Manual Integrations
APPROVED

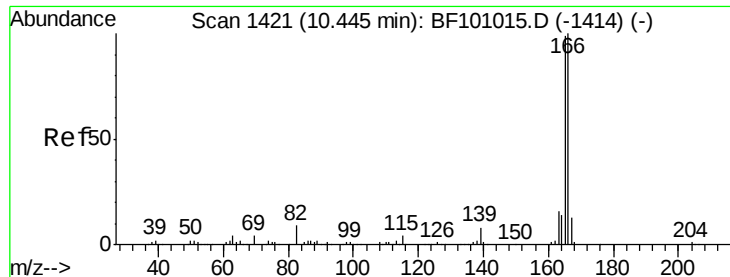
Sohil
12/6/2017 5:12:34 PM



#56
2,4-Dinitrotoluene
Concen: 36.511 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	36.4	54.6
89	60.1	57.8	86.6
182	3.1	1.6	2.4





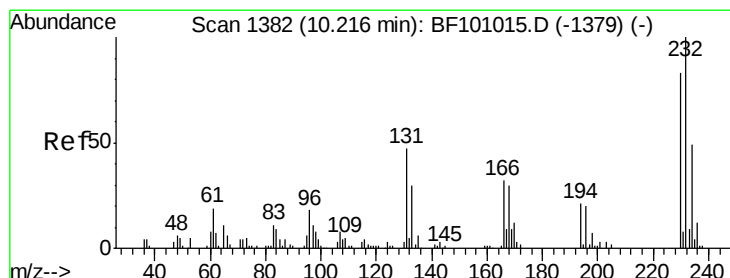
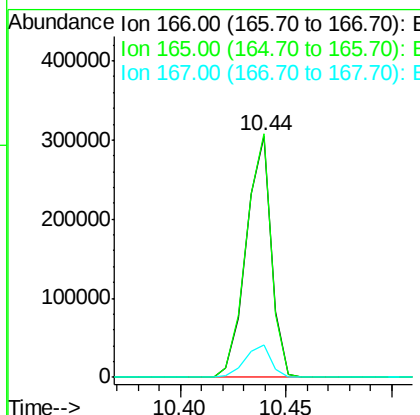
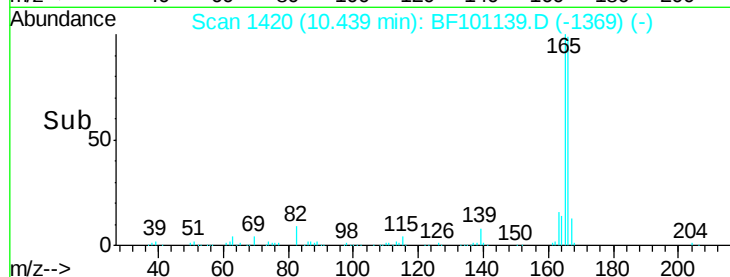
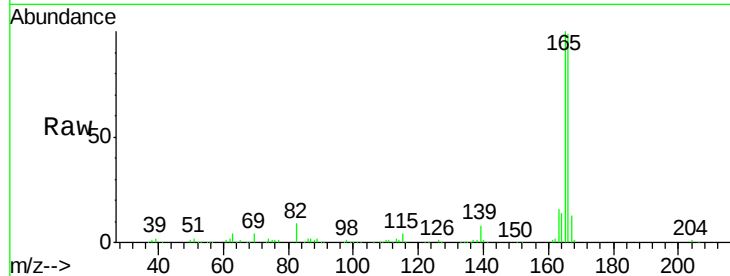
#57
 Fluorene
 Concen: 38.697 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.8	119.8
167	13.4	10.6	16.0

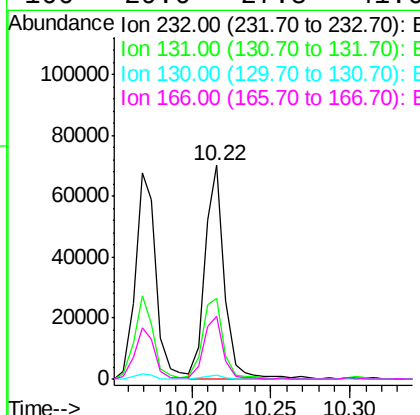
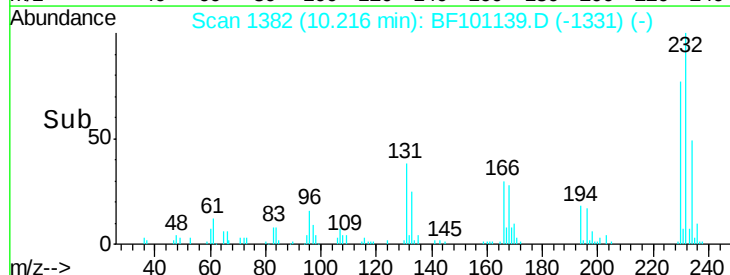
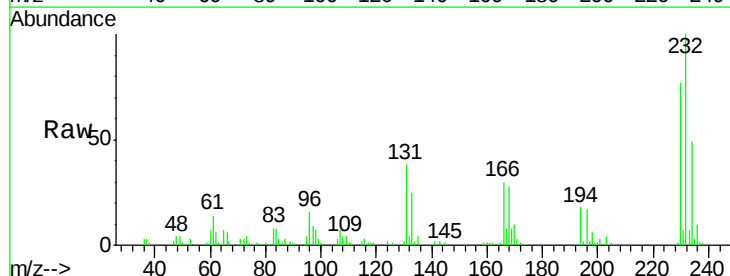
Manual Integrations
 APPROVED

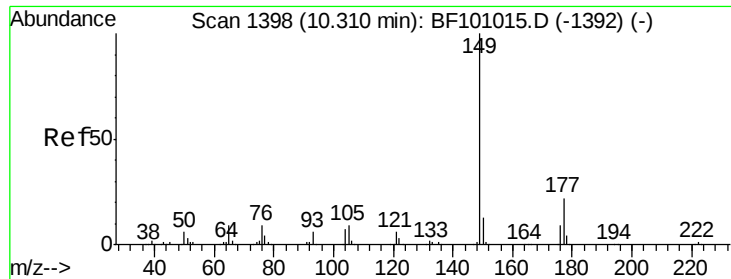
Sohil
 12/6/2017 5:12:34 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.120 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.4	43.8	65.8#
130	1.9	2.1	3.1#
166	29.6	27.8	41.6





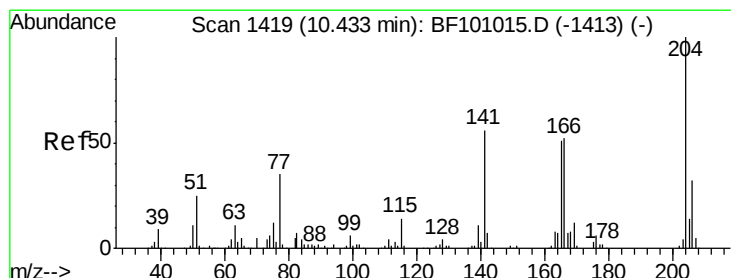
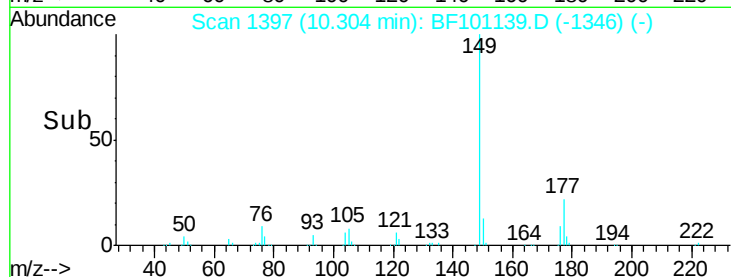
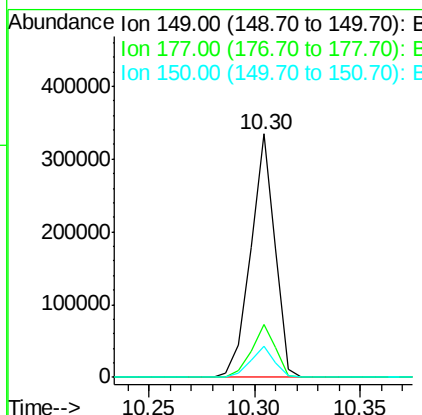
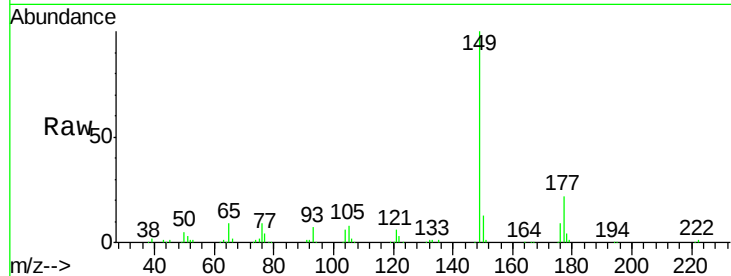
#59
Diethylphthalate
Concen: 38.508 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.5	10.1	15.1

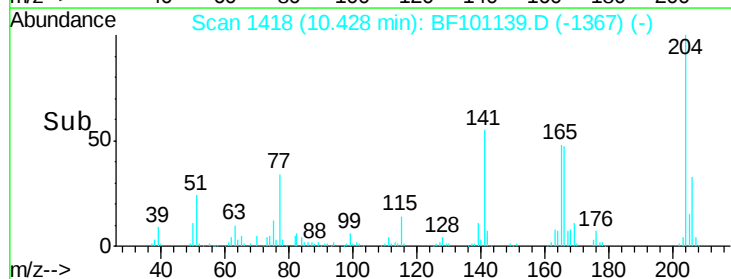
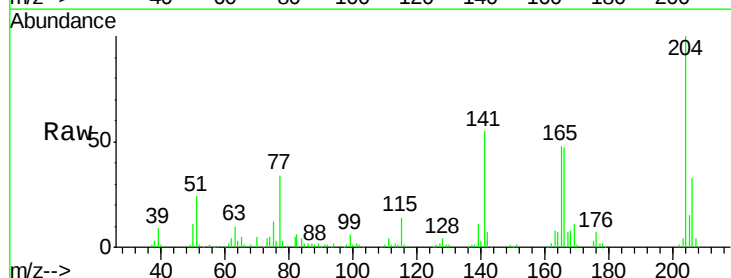
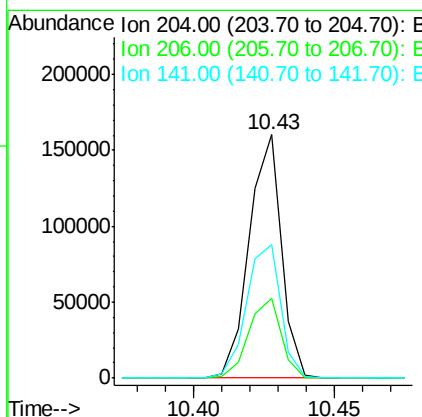
Manual Integrations
APPROVED

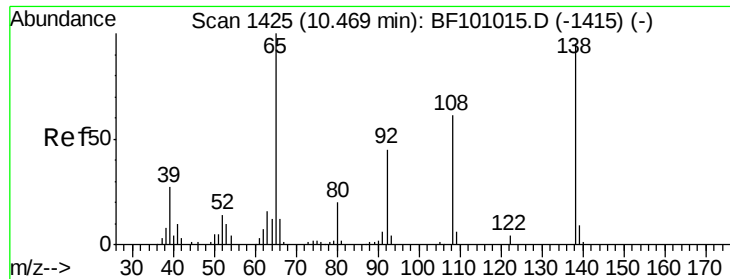
Sohil
12/6/2017 5:12:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.573 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	54.6	54.6	81.8





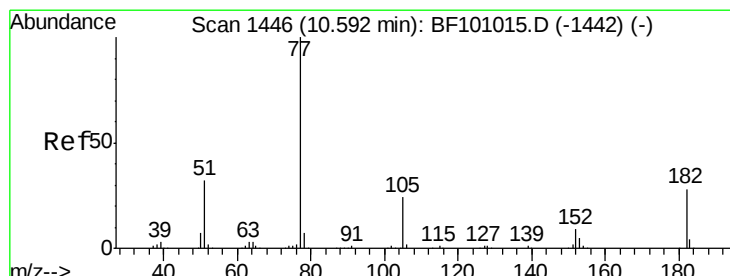
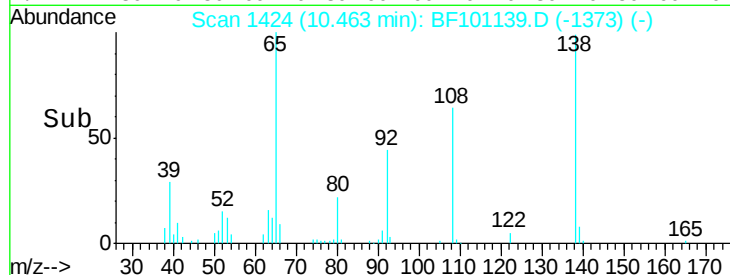
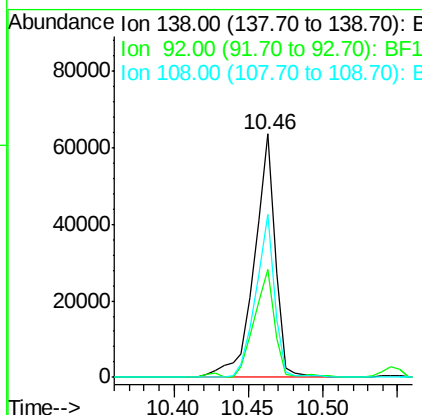
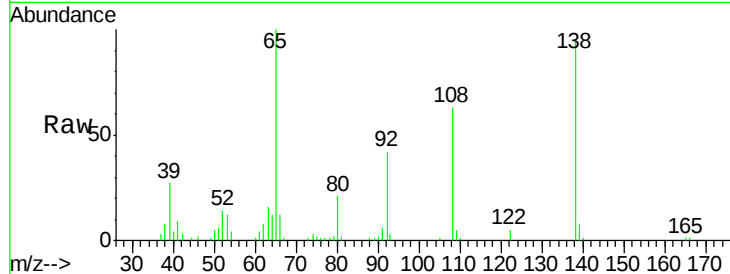
#61
4-Nitroaniline
Concen: 35.403 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.3	30.2	70.2
108	66.9	52.5	92.5

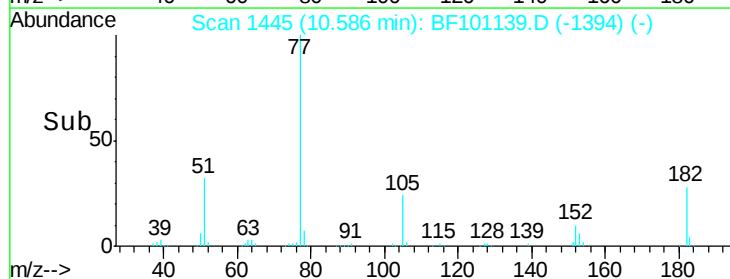
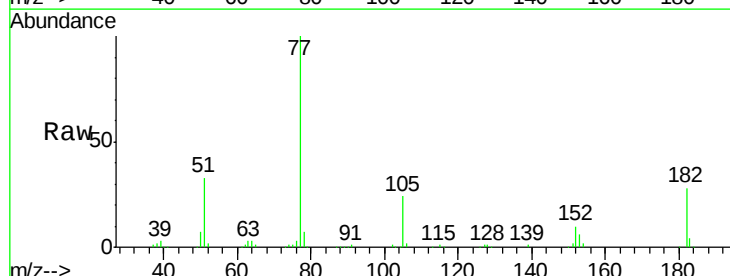
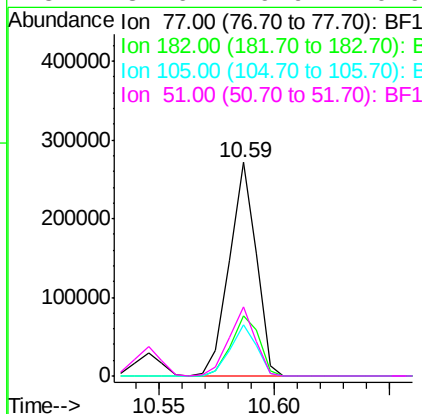
Manual Integrations
APPROVED

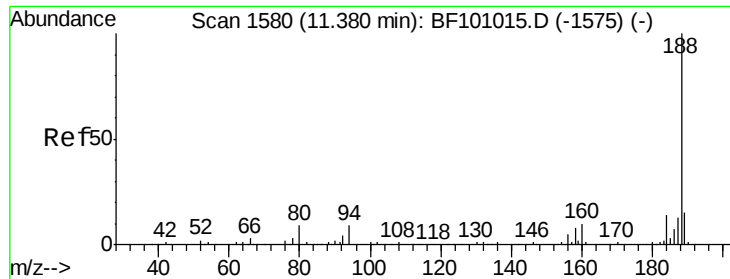
Sohil
12/6/2017 5:12:34 PM



#62
Azobenzene
Concen: 37.645 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	1.7	41.7
105	23.8	3.0	43.0
51	32.6	9.9	49.9





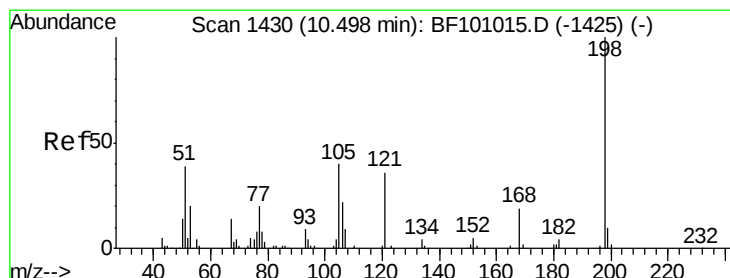
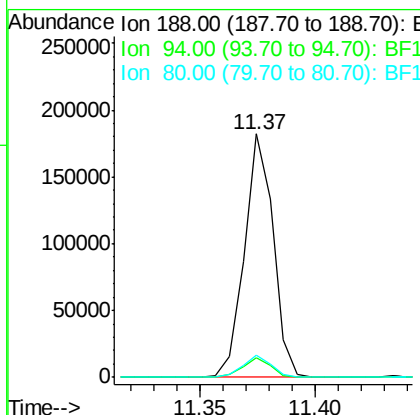
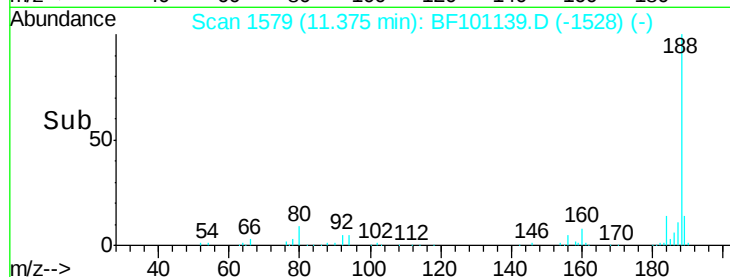
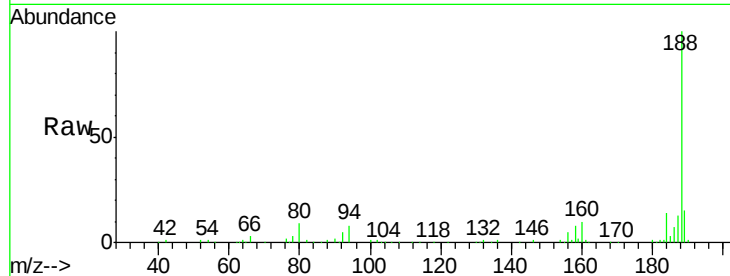
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.2	9.2	13.8#

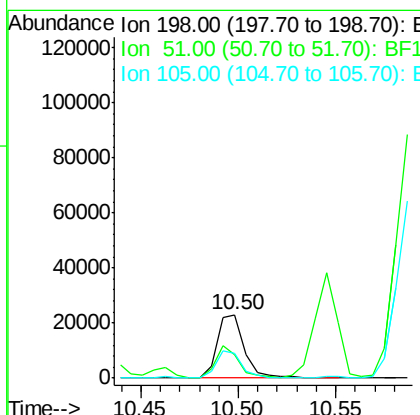
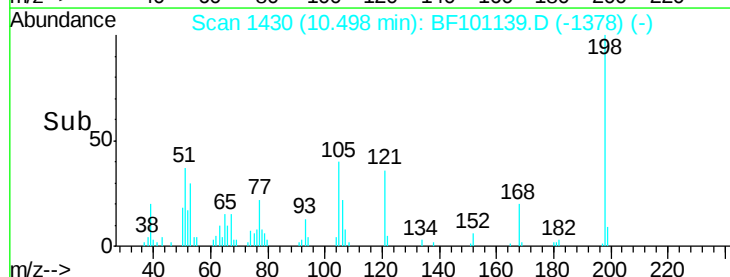
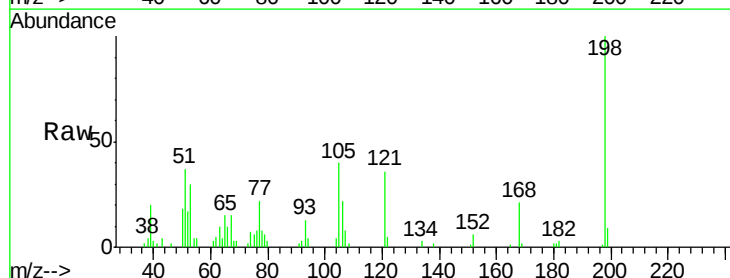
Manual Integrations
APPROVED

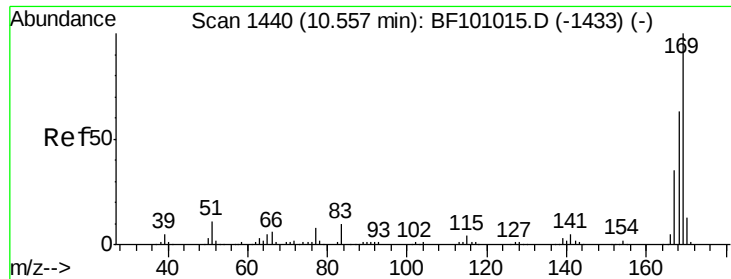
Sohil
12/6/2017 5:12:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.700 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	36.7	37.7	77.7#
105	39.6	36.3	76.3





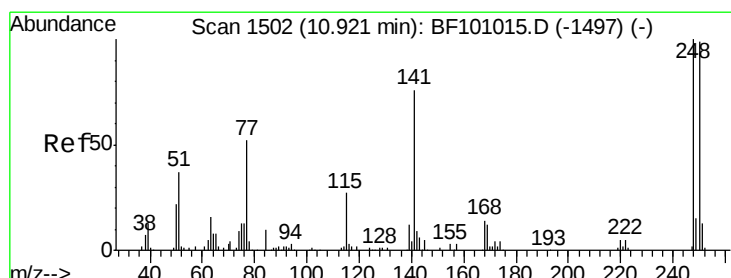
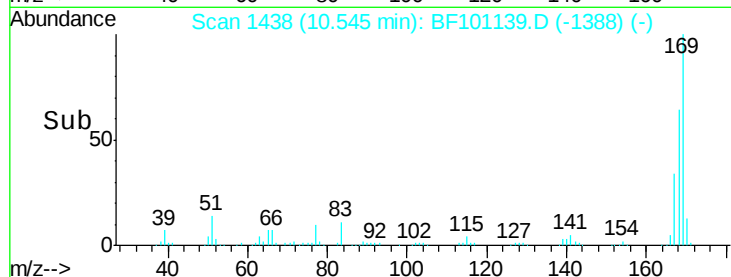
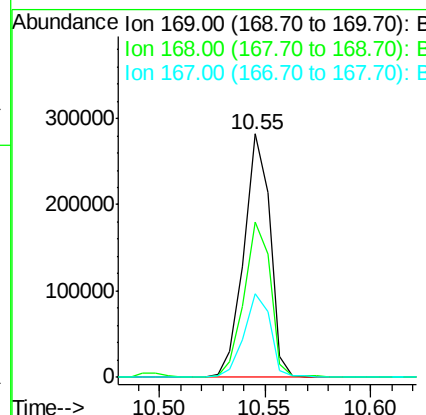
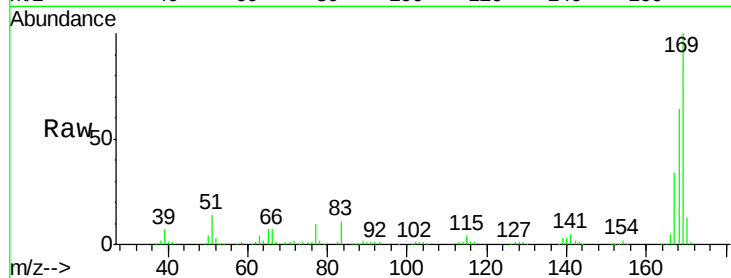
#65
n-Nitrosodiphenylamine
Concen: 43.041 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	241762		
168	64.0		54.4	81.6
167	34.4		29.8	44.6

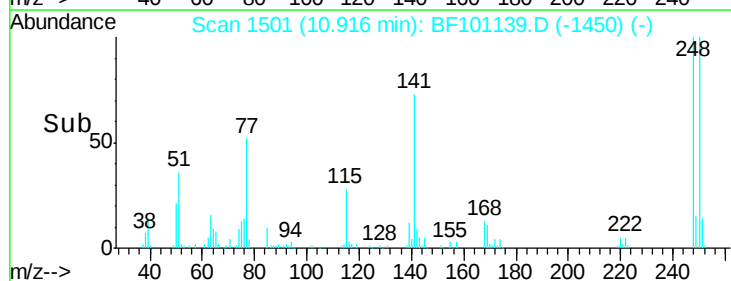
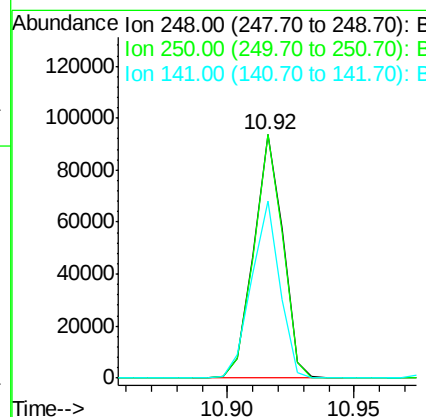
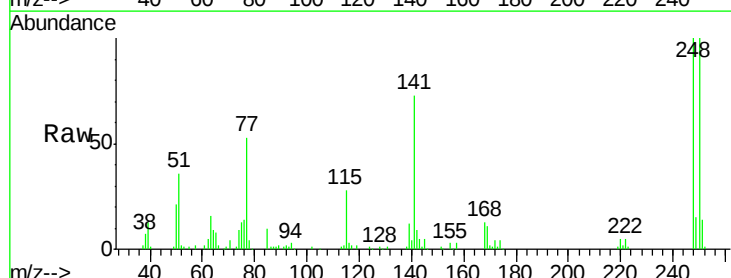
Manual Integrations
APPROVED

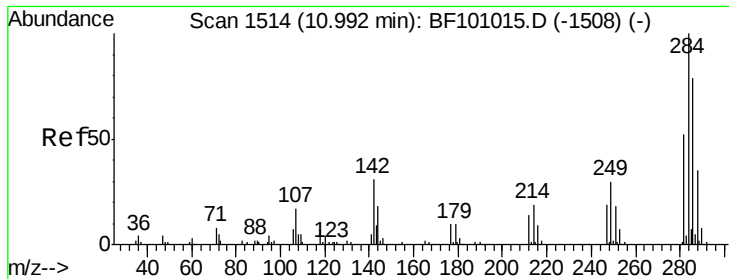
Sohil
12/6/2017 5:12:34 PM



#66
4-Bromophenyl-phenylether
Concen: 42.104 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	75035		
250	99.8		76.9	115.3
141	72.5		74.4	111.6#





#67

Hexachlorobenzene

Concen: 39.830 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

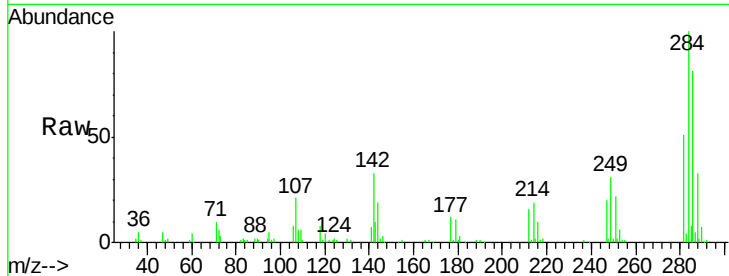
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.2	34.6	52.0#
249	31.3	24.8	37.2

Manual Integrations
APPROVED

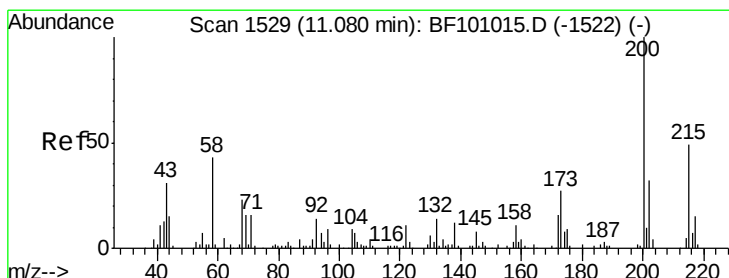
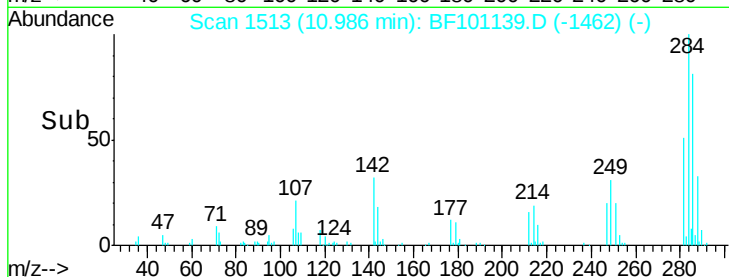
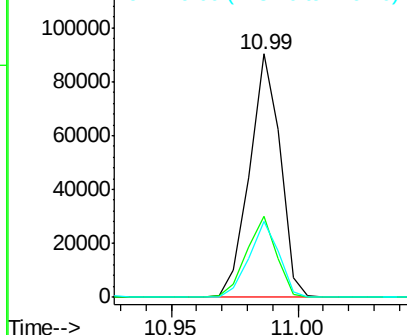
Sohil
12/6/2017 5:12:34 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.848 ng

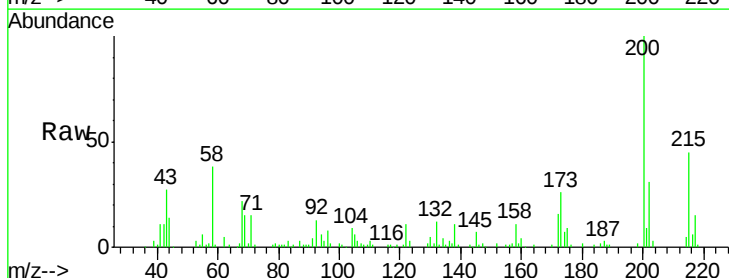
RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

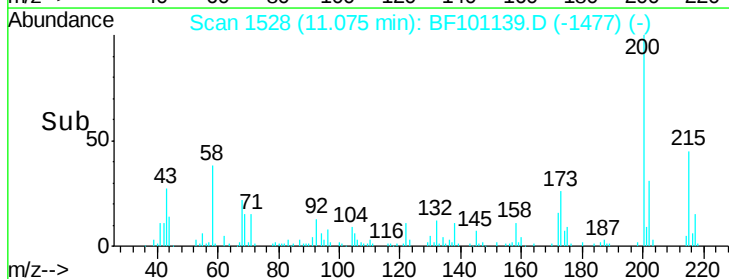
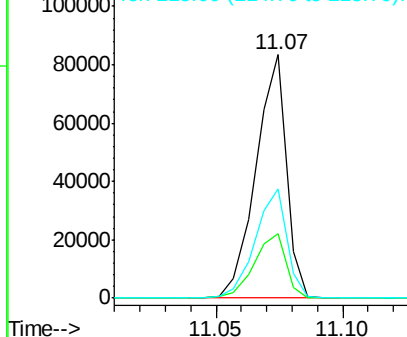
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	8.6	48.6
215	44.8	25.1	65.1

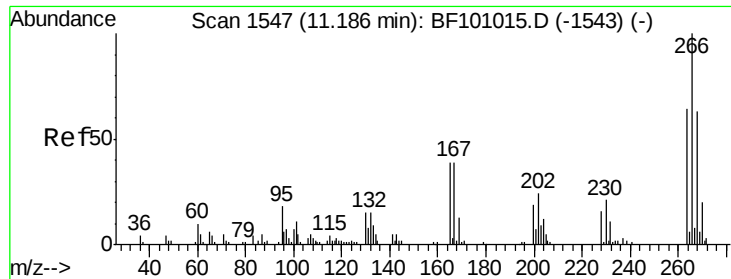


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





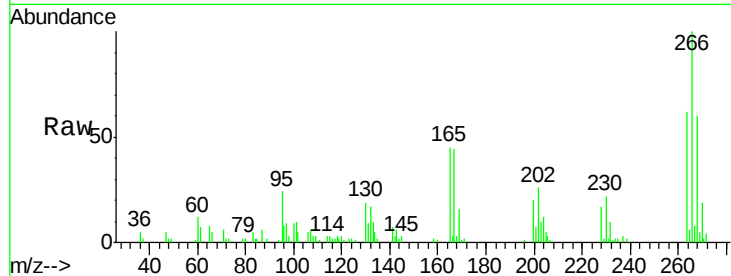
#69
 Pentachlorophenol
 Concen: 32.927 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

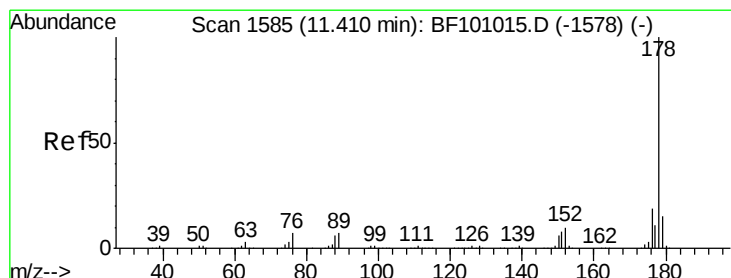
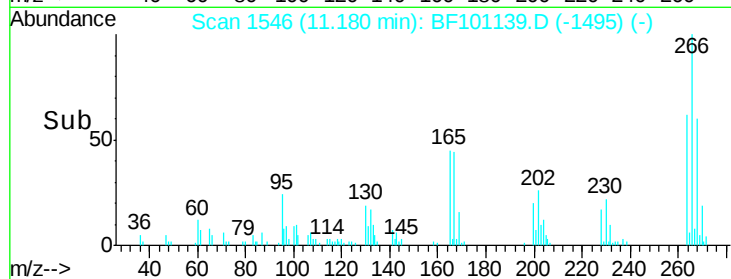
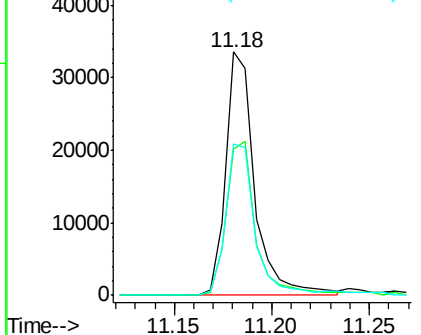
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	62.1	49.5	74.3

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:34 PM

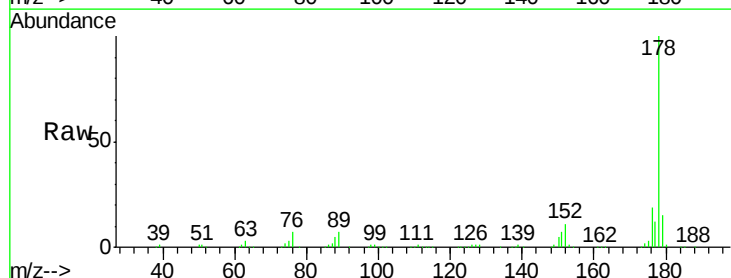


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

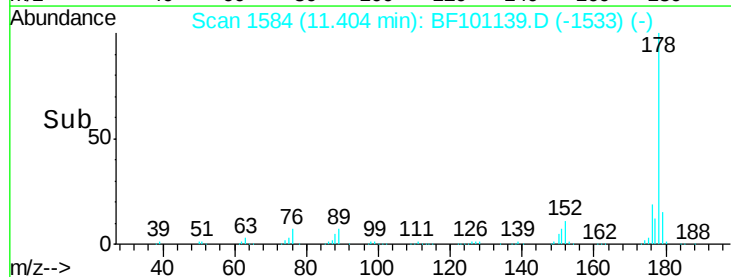
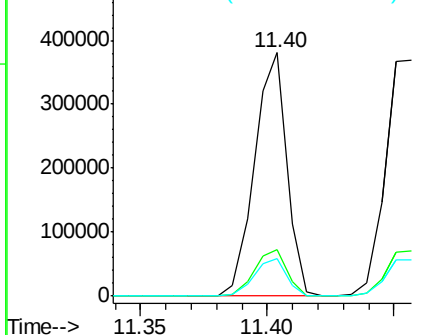


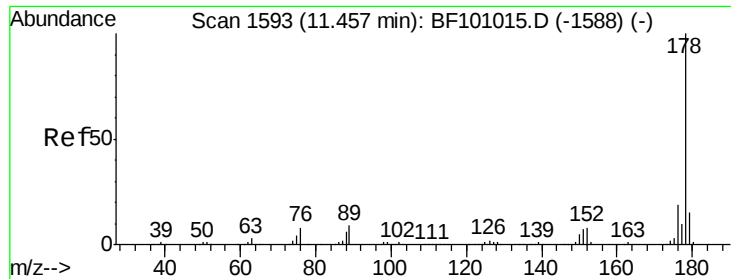
#70
 Phenanthrene
 Concen: 38.695 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	13.0	19.6



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





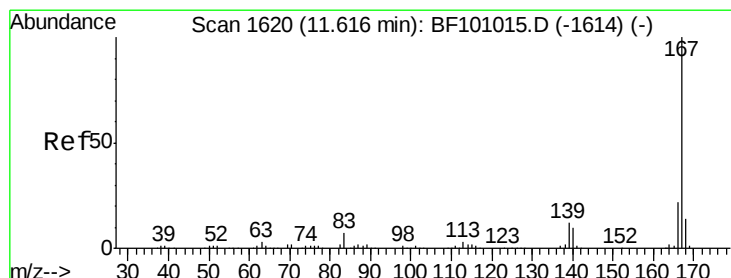
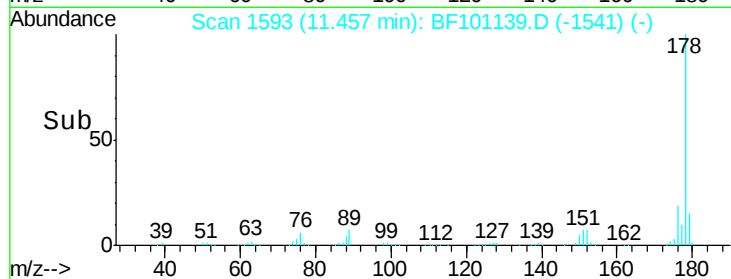
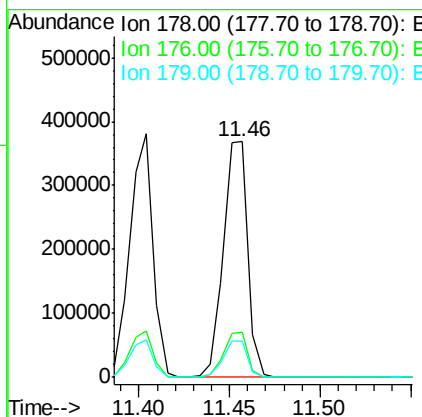
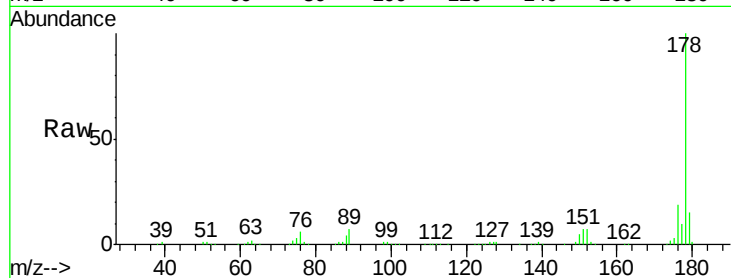
#71
 Anthracene
 Concen: 38.957 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.6	19.0

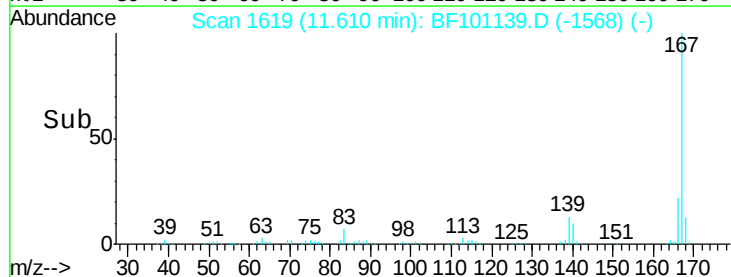
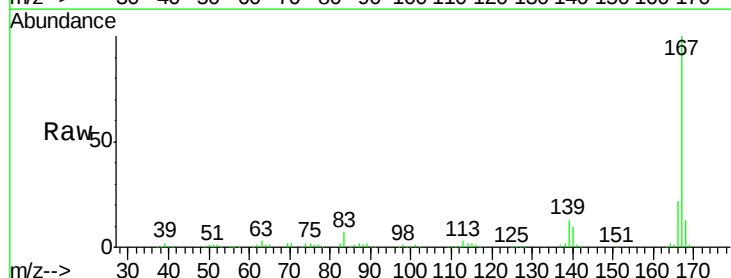
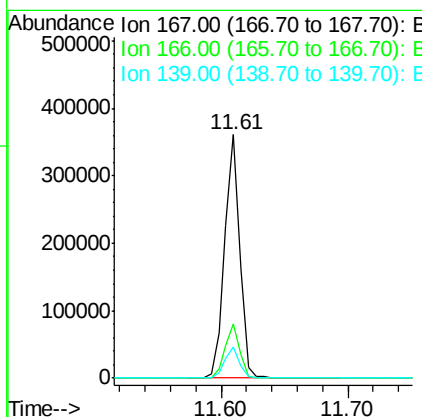
Manual Integrations
 APPROVED

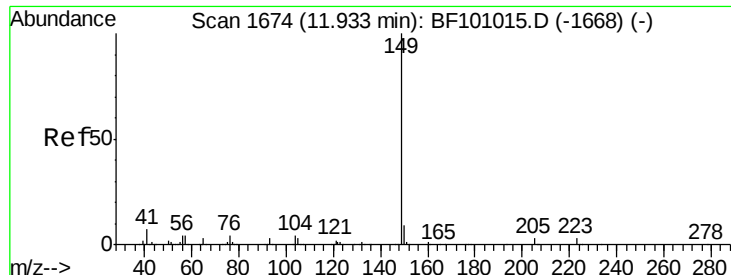
Sohil
 12/6/2017 5:12:34 PM



#72
 Carbazole
 Concen: 36.868 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.522 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

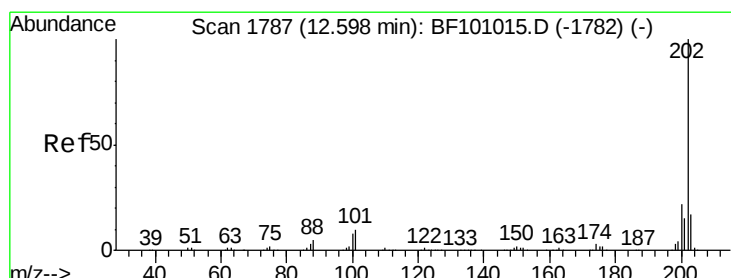
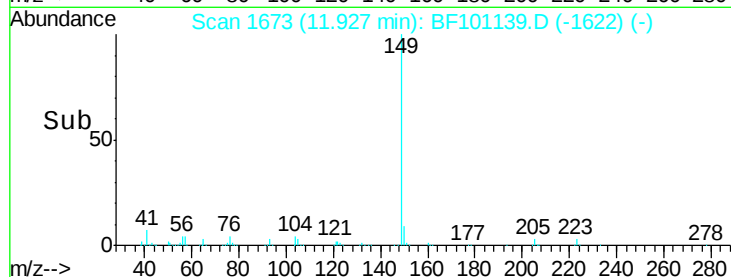
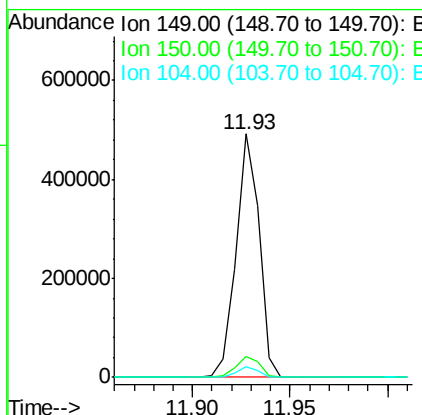
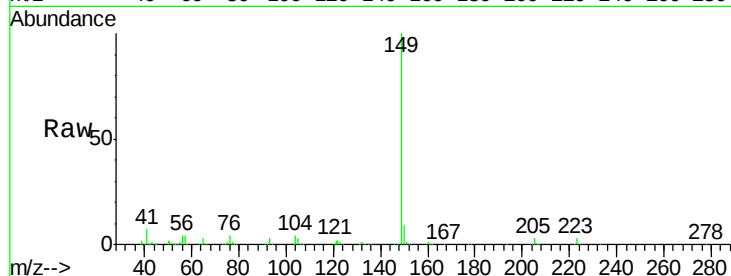
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	401644
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.8	11.6
104	4.1	3.8	5.8

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



#74

Fluoranthene

Concen: 32.816 ng

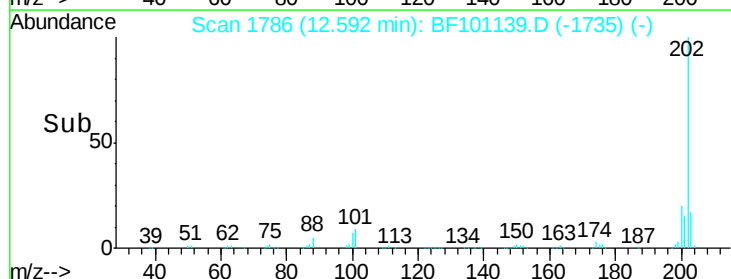
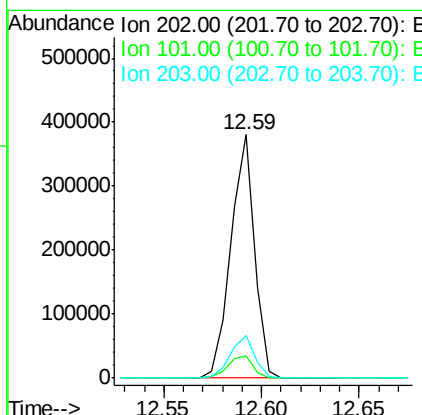
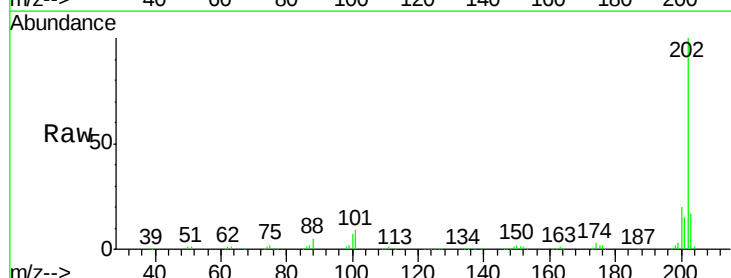
RT: 12.59 min Scan# 1786

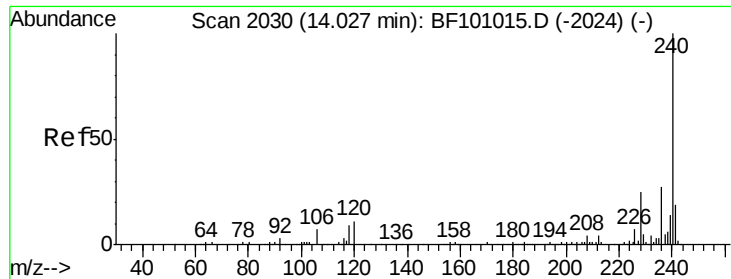
Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Tgt Ion:	202	Resp:	318944
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	34.1
203	17.4	0.0	38.1





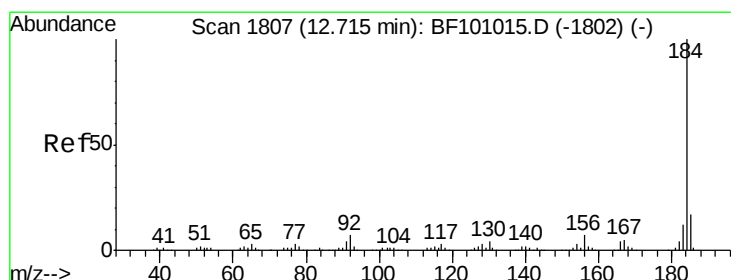
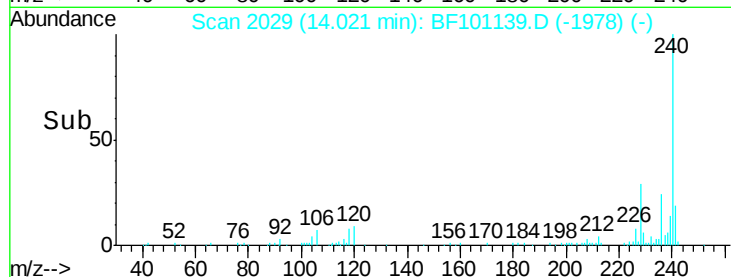
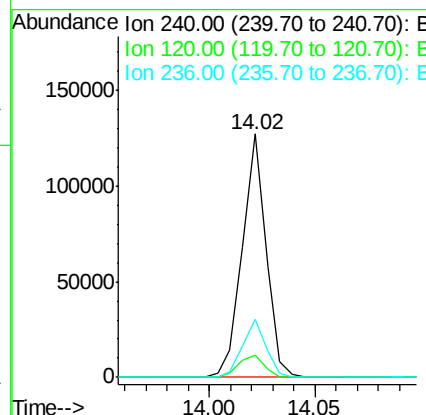
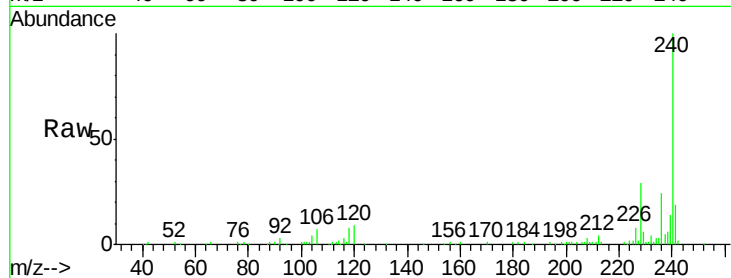
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	23.7	20.7	31.1

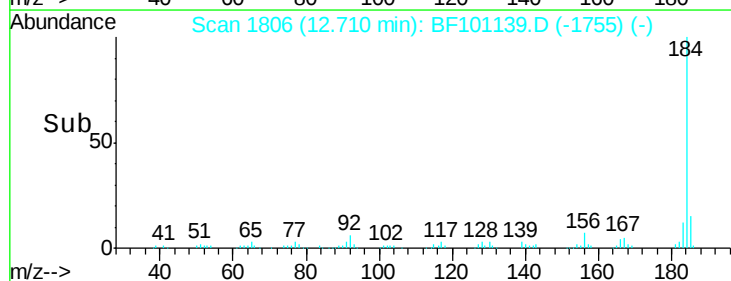
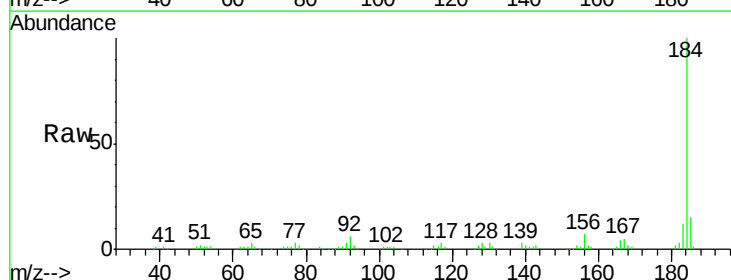
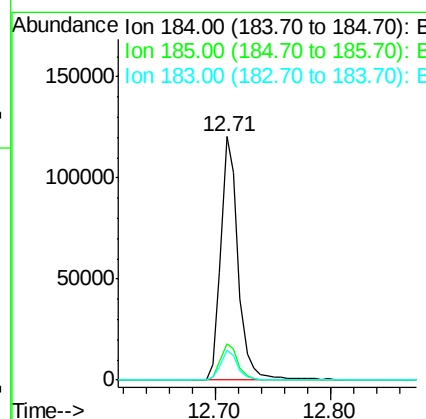
Manual Integrations
 APPROVED

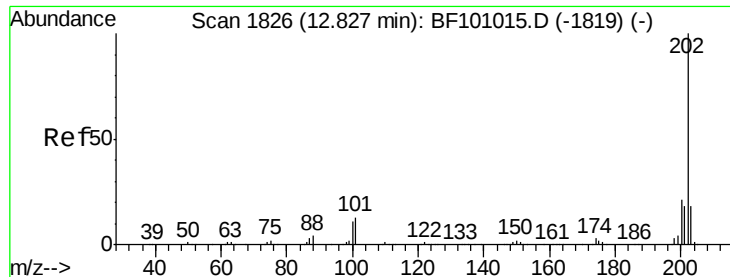
Sohil
 12/6/2017 5:12:34 PM



#76
 Benzidine
 Concen: 39.345 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	12.2	9.3	13.9





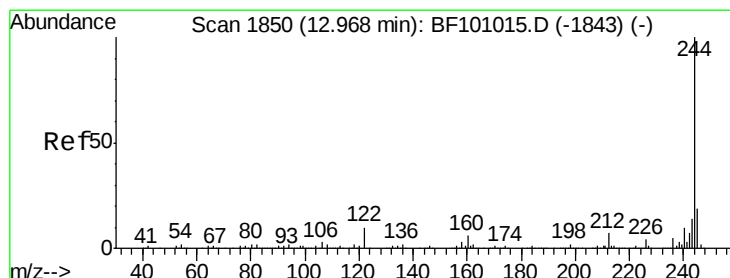
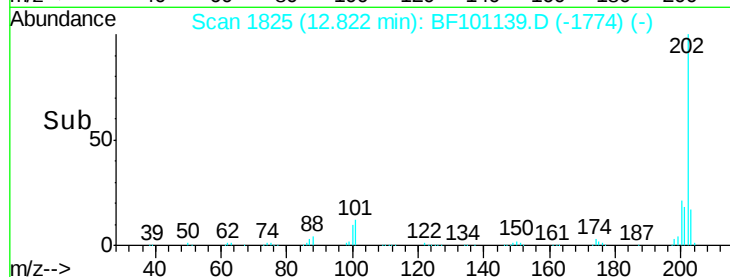
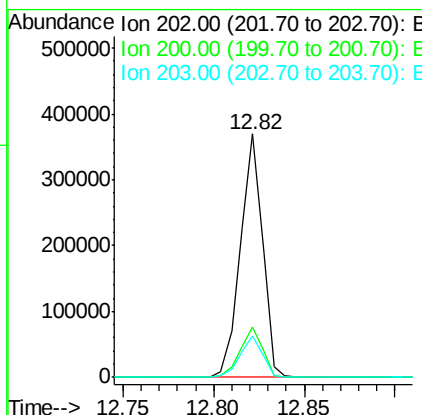
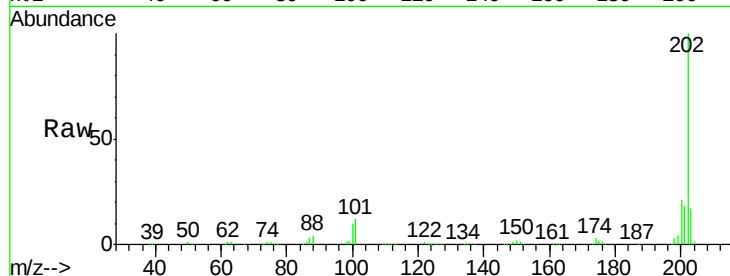
#77
Pvrene
Concen: 46.179 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.1	14.3	21.5

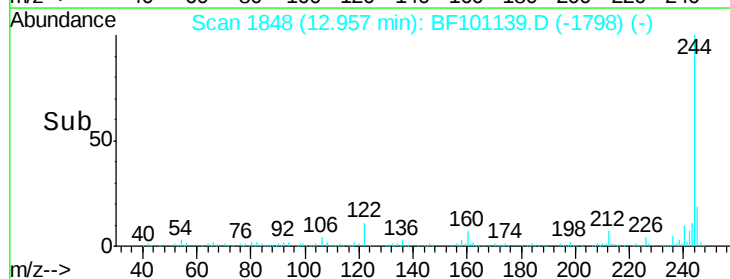
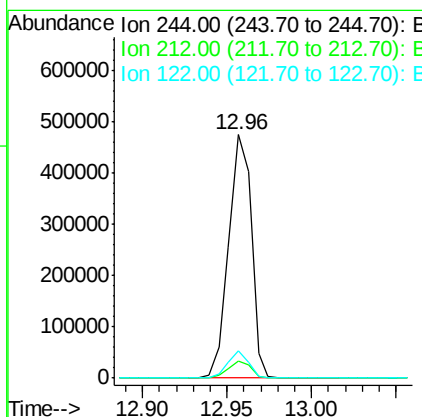
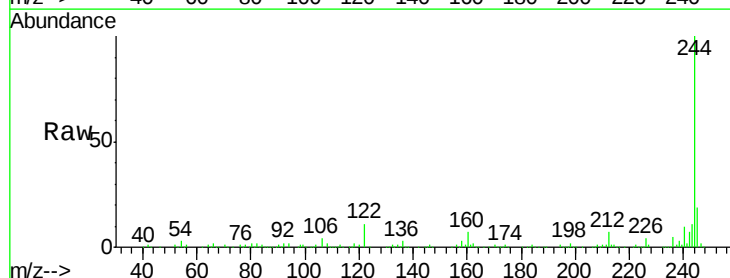
Manual Integrations
APPROVED

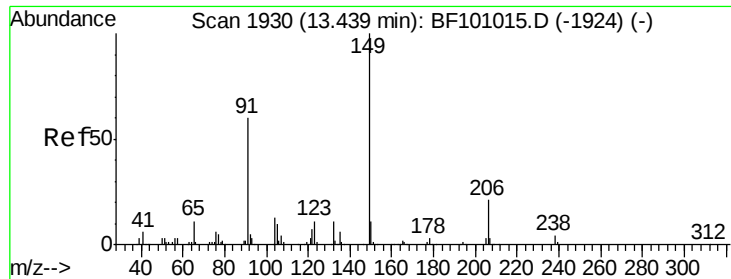
Sohil
12/6/2017 5:12:34 PM



#78
Terphenyl-d14
Concen: 98.233 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.3	11.0	16.4





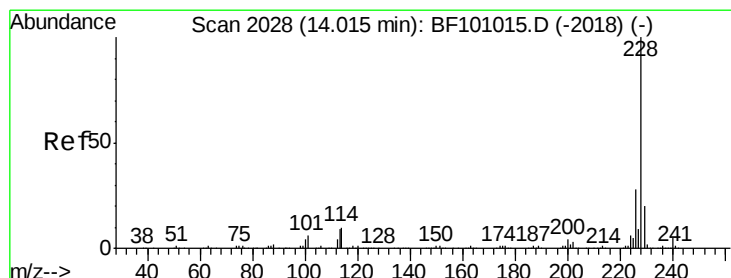
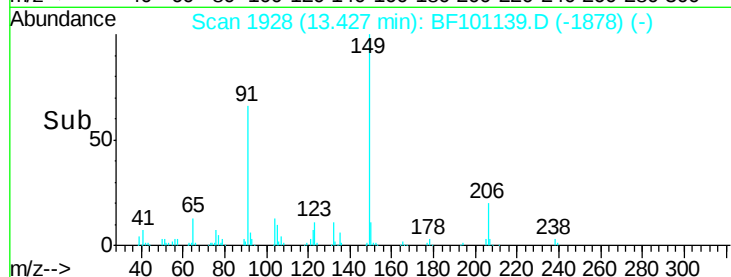
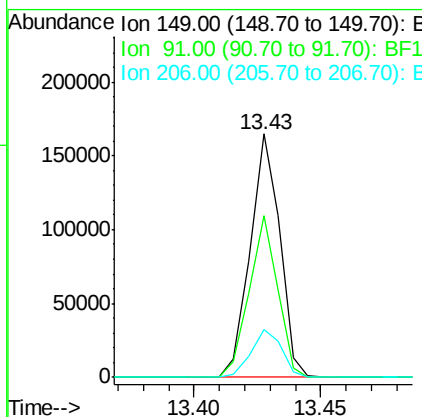
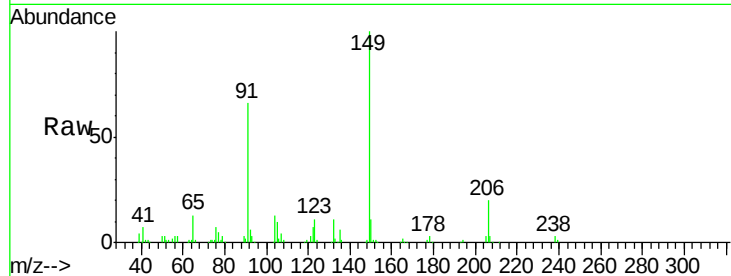
#79
Butylbenzylphthalate
Concen: 44.660 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	56.8	85.2
206	19.7	14.1	21.1

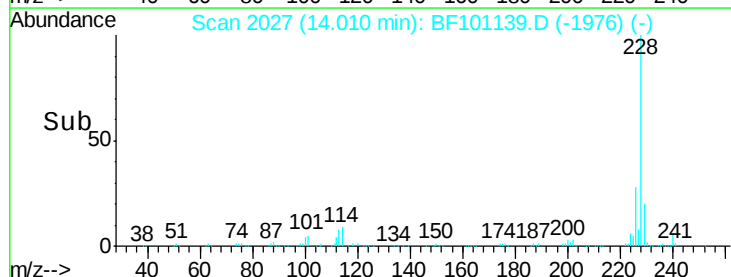
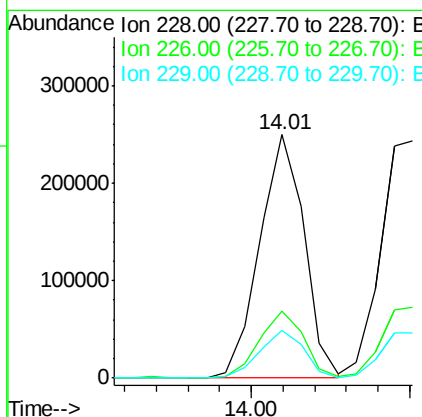
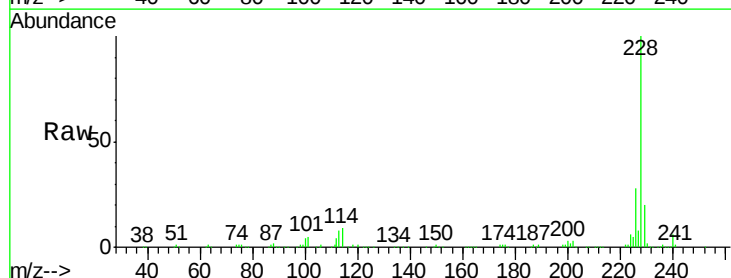
Manual Integrations
APPROVED

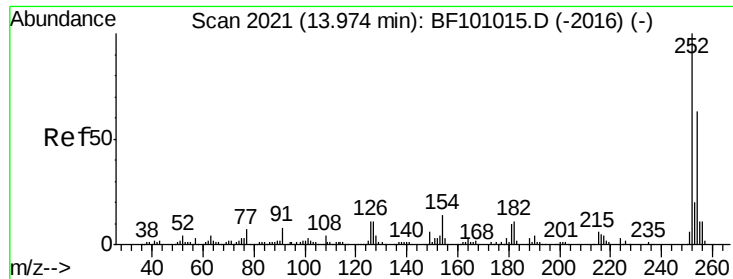
Sohil
12/6/2017 5:12:34 PM



#80
Benzo(a)anthracene
Concen: 39.325 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	15.8	23.6





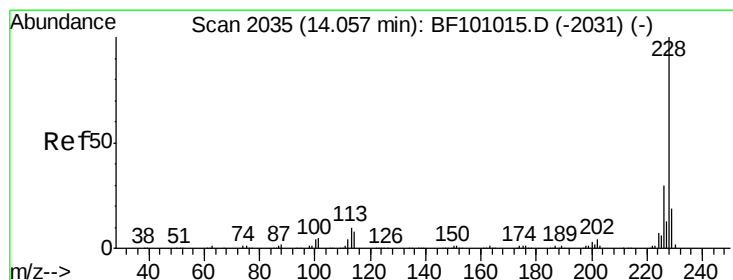
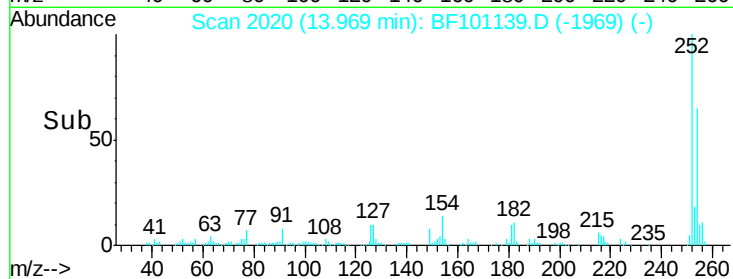
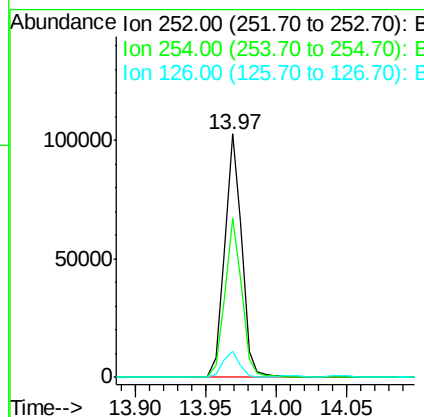
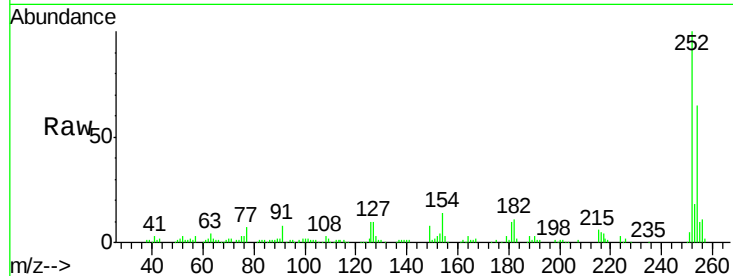
#81
 3,3'-Dichlorobenzidine
 Concen: 40.104 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	10.4	11.3	16.9

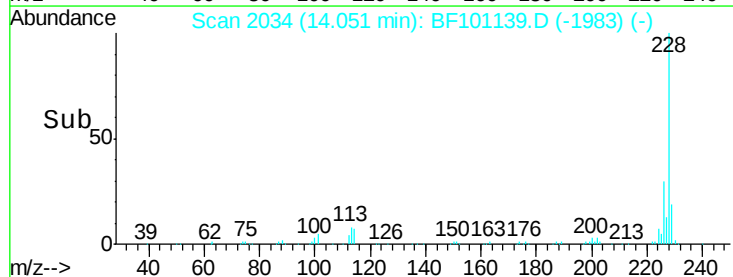
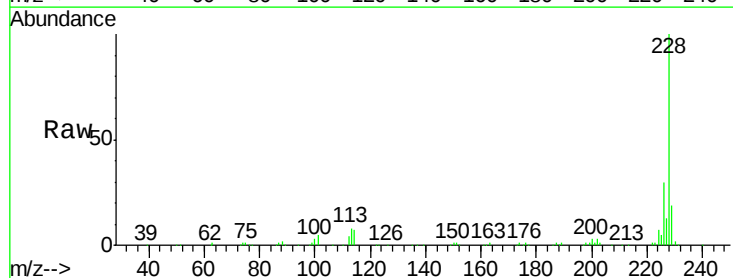
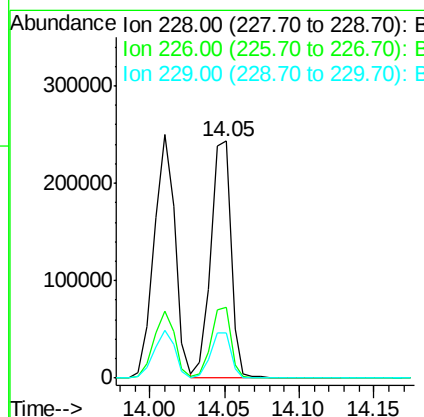
Manual Integrations
 APPROVED

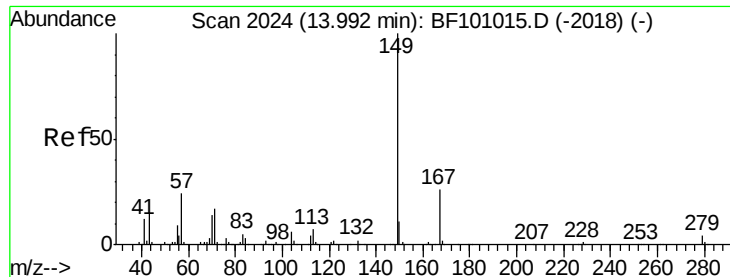
Sohil
 12/6/2017 5:12:34 PM



#82
 Chrysene
 Concen: 39.801 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101139.D
 Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.640 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

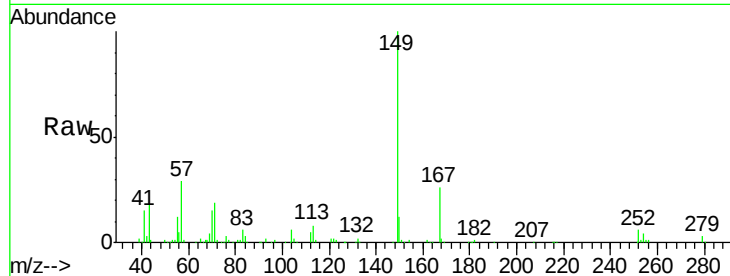
ClientSampleId :

SSTDCCC040

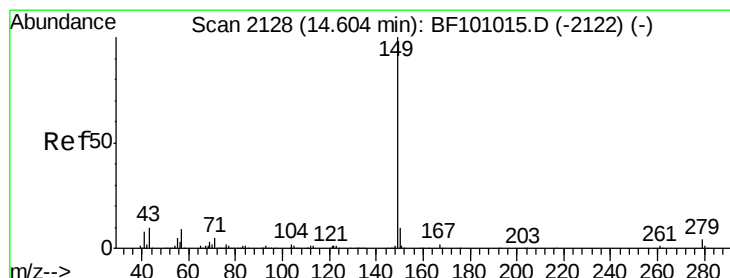
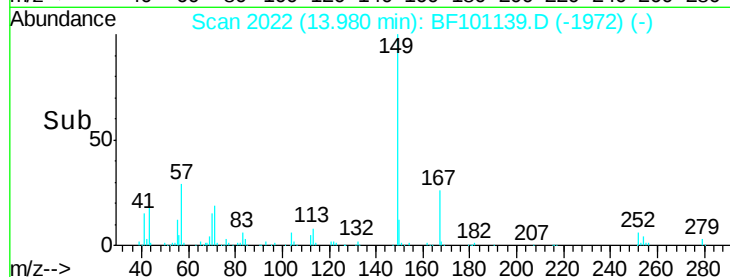
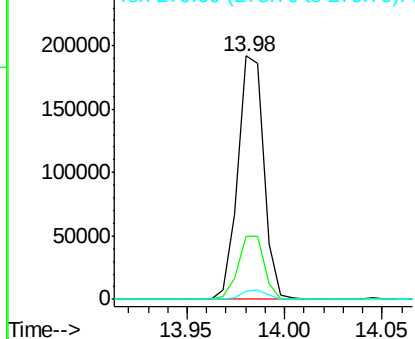
Tot Ion:	149	Resp:	177785
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.3	31.9
279	3.4	3.0	4.4

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.349 ng

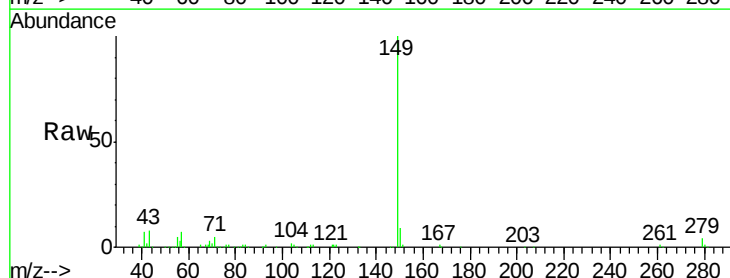
RT: 14.60 min Scan# 2127

Delta R.T. 0.00 min

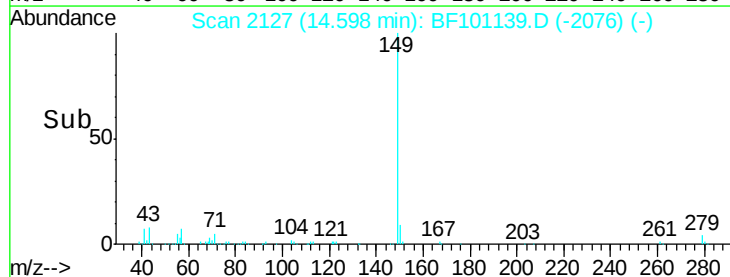
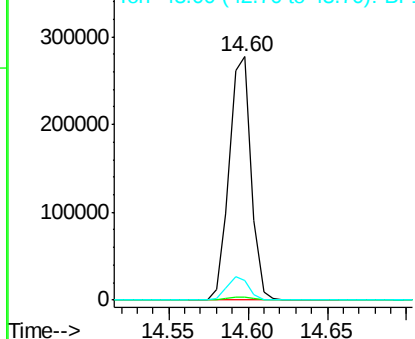
Lab File: BF101139.D

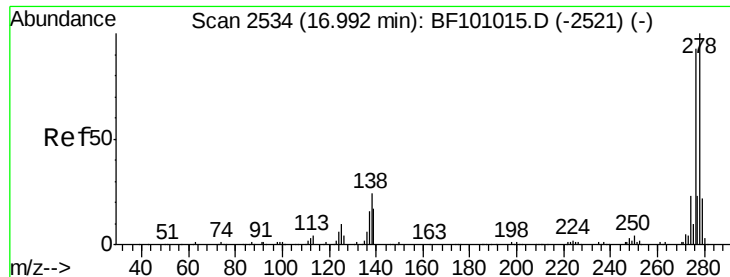
Acq: 5 Dec 2017 22:51

Tgt Ion:	149	Resp:	265512
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.7	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





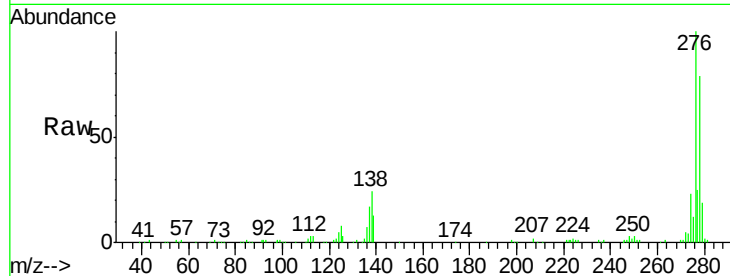
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.478 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

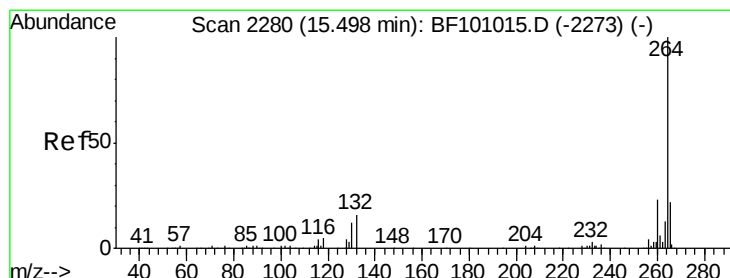
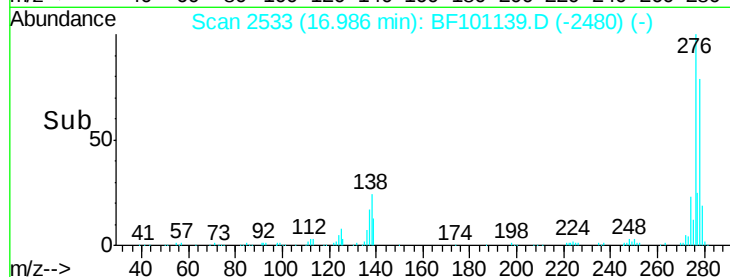
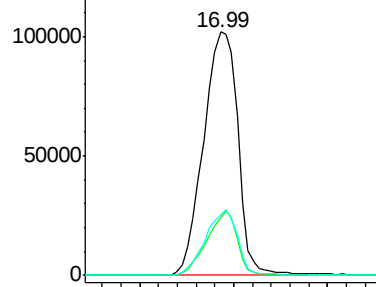
Tot Ion	Ratio	Resp	Lower	Upper
276	100	259013		
138	23.3	25.0	37.6#	
277	25.3	20.1	30.1	

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



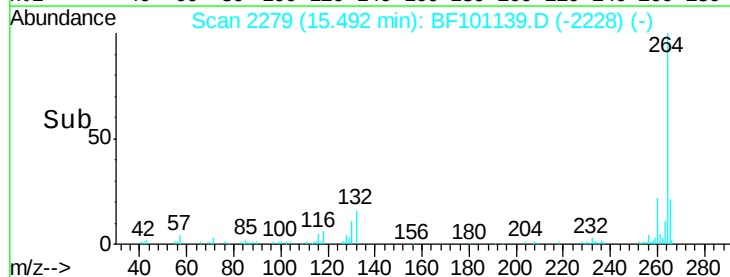
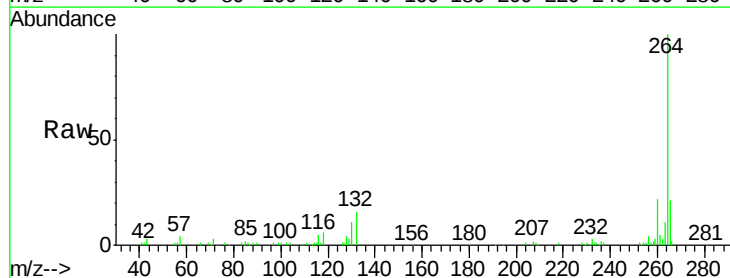
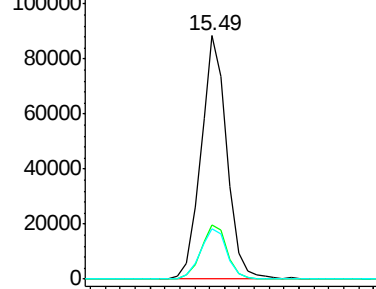
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

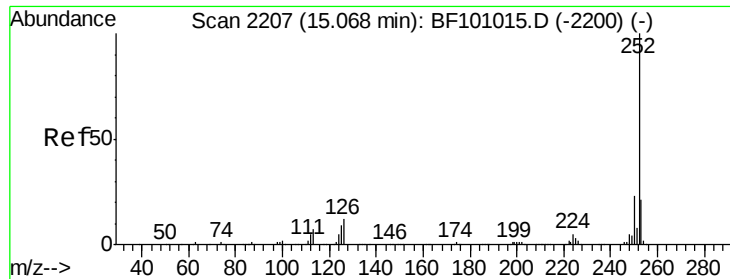


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	107080		
260	22.4	19.2	28.8	
265	20.7	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: 40.536 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

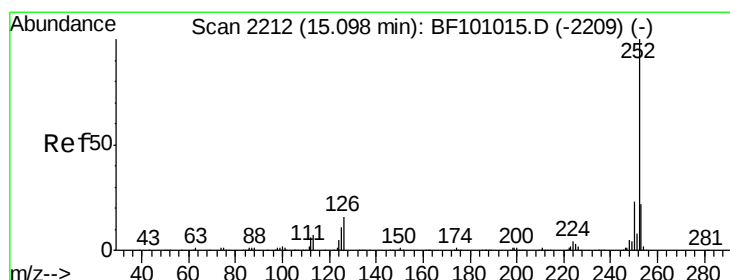
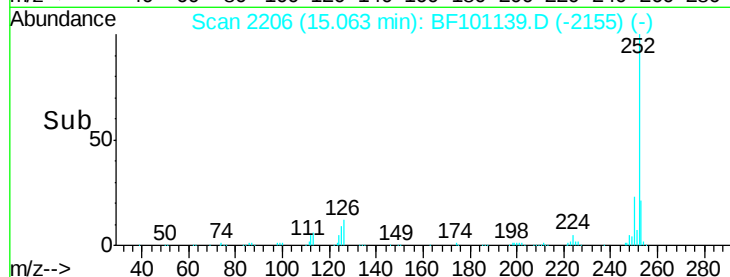
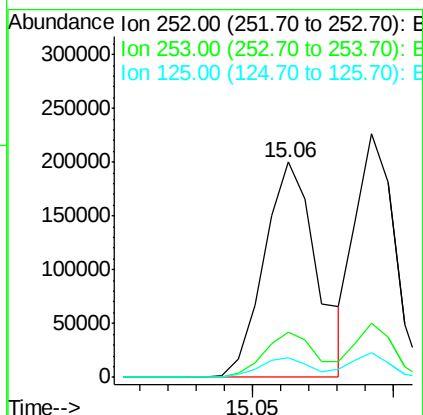
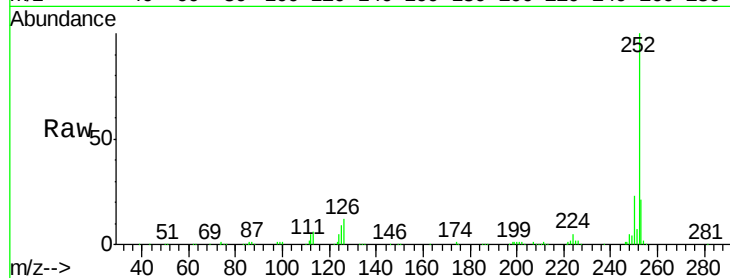
ClientSampleId :

SSTDCCC040

Tot Ion:252	Resp:	259993
Ion Ratio	Lower	Upper
252 100		
253 21.1	17.0	25.6
125 9.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM



#88

Benzo(k)fluoranthene

Concen: 34.462 ng

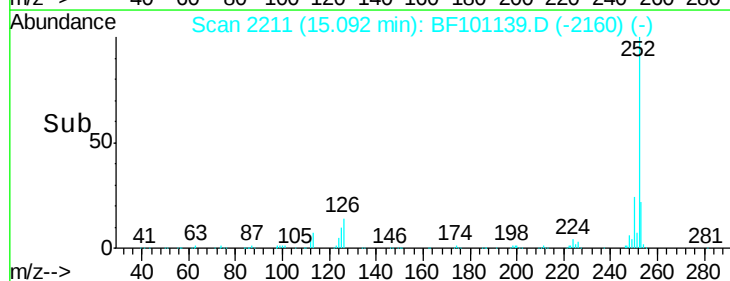
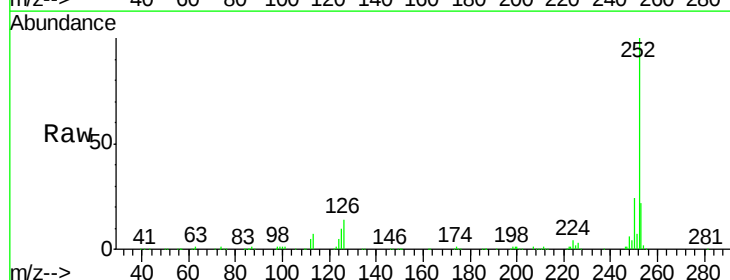
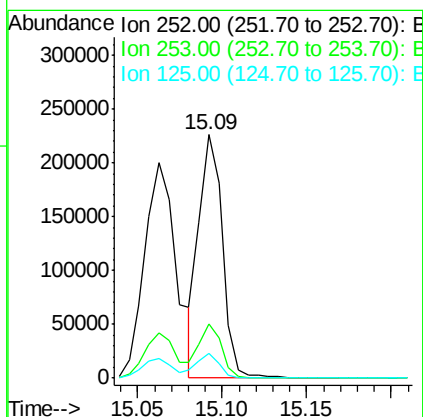
RT: 15.09 min Scan# 2211

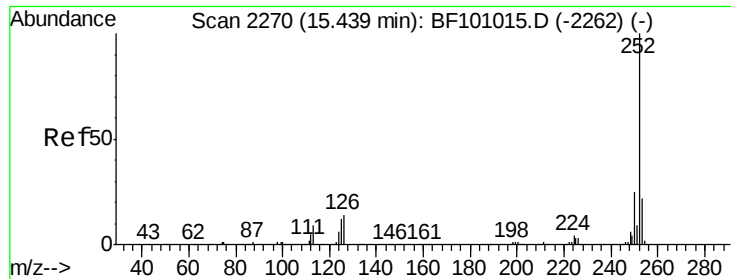
Delta R.T. 0.00 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Tgt Ion:252	Resp:	217765
Ion Ratio	Lower	Upper
252 100		
253 22.2	17.9	26.9
125 10.4	10.2	15.2





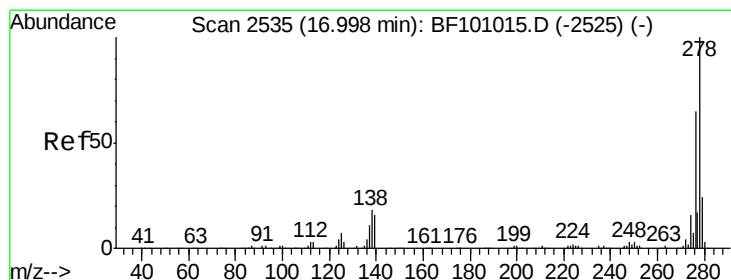
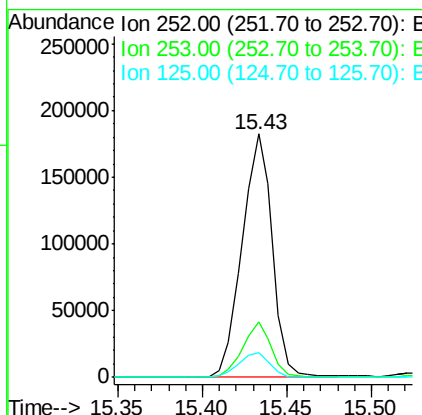
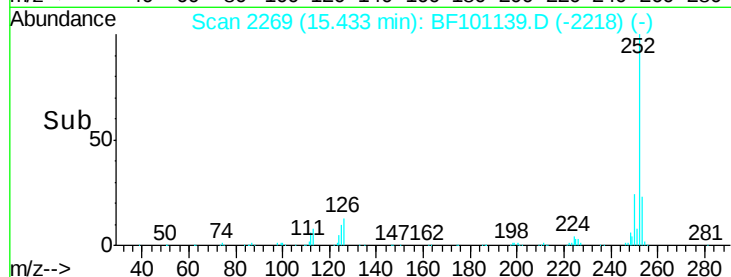
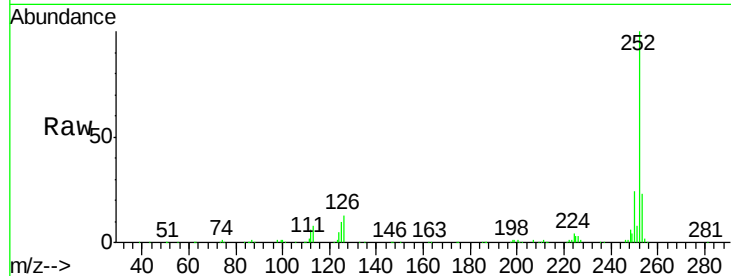
#89
Benzo(a)pyrene
Concen: 38.984 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	10.1	9.8	14.6

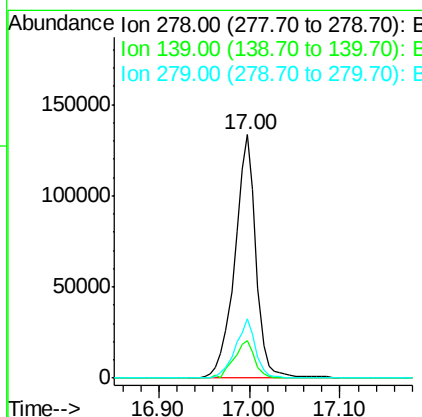
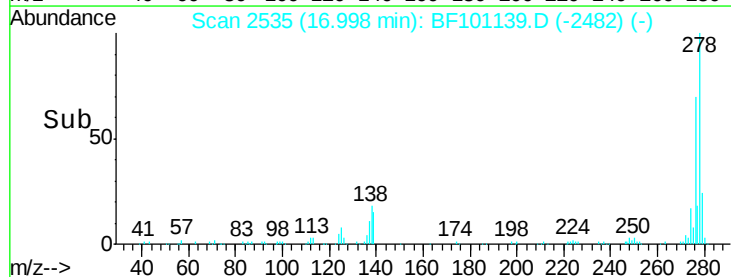
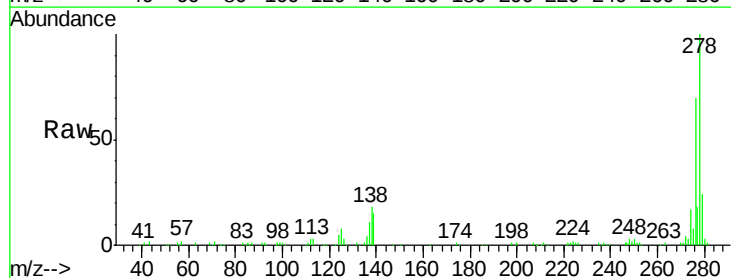
Manual Integrations
APPROVED

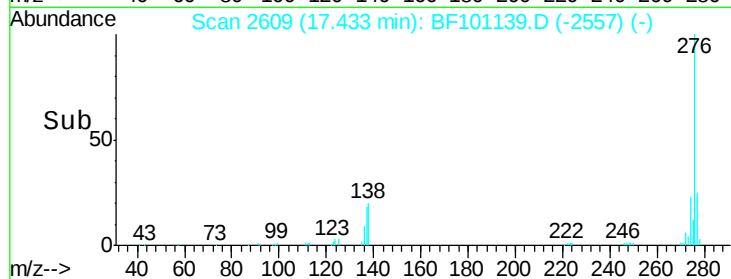
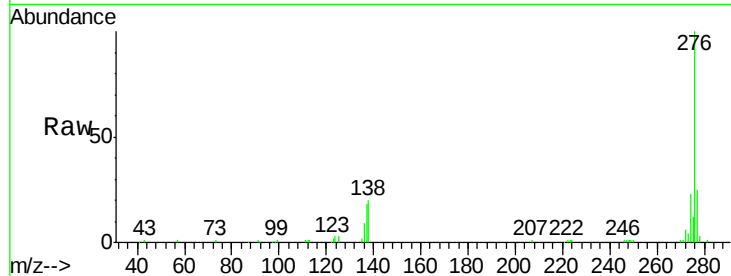
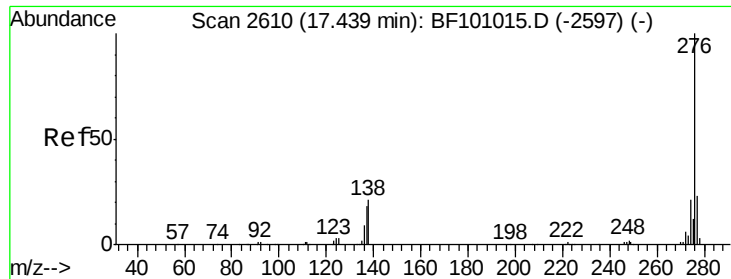
Sohil
12/6/2017 5:12:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.528 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF101139.D
Acq: 5 Dec 2017 22:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.9	23.9#
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 42.060 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF101139.D

Acq: 5 Dec 2017 22:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	19.6	21.8	32.8

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:34 PM

