

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101855.D
 Acq On : 3 Jan 2018 12:59
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:14 PM

Quant Time: Jan 04 01:14:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	113040	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	456606	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	211052	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	405834	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	309136	20.00	ng	-0.02
86) Perylene-d12	15.42	264	279431	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	629364	82.93	ng	-0.01
7) Phenol-d6	6.42	99	706427	74.80	ng	-0.01
23) Nitrobenzene-d5	7.35	82	633891	77.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	169604	83.40	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1057977	77.76	ng	-0.02
78) Terphenyl-d14	12.88	244	1027797	80.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	140875	36.128	ng	96
3) Pyridine	3.22	79	370696	34.216	ng	96
4) n-Nitrosodimethylamine	3.19	42	162967m	32.670	ng	
6) Aniline	6.44	93	473348	36.065	ng	# 78
8) 2-Chlorophenol	6.56	128	313067	39.218	ng	98
9) Benzaldehyde	6.34	77	224688	32.214	ng	98
10) Phenol	6.43	94	390219	36.251	ng	# 61
11) bis(2-Chloroethyl)ether	6.51	93	312432	37.002	ng	95
12) 1,3-Dichlorobenzene	6.71	146	353733	39.262	ng	98
13) 1,4-Dichlorobenzene	6.79	146	366923	39.881	ng	98
14) 1,2-Dichlorobenzene	6.94	146	323620	39.077	ng	97
15) Benzyl Alcohol	6.93	79	254821	39.199	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	476983	36.911	ng	# 25
17) 2-Methylphenol	7.04	107	269295	36.673	ng	# 90
18) Hexachloroethane	7.27	117	122451	38.280	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	239704	38.647	ng	94
20) 3+4-Methylphenols	7.20	107	357007	45.880	ng	# 66
22) Acetophenone	7.19	105	429624	41.236	ng	95
24) Nitrobenzene	7.36	77	348322	38.369	ng	100
25) Isophorone	7.60	82	597782	36.328	ng	98
26) 2-Nitrophenol	7.68	139	171793	44.047	ng	97
27) 2,4-Dimethylphenol	7.72	122	258715	39.046	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	396797	37.962	ng	99
29) 2,4-Dichlorophenol	7.93	162	267899	40.925	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	263523	38.147	ng	95
31) Naphthalene	8.07	128	883055	38.415	ng	100
32) Benzoic acid	7.89	122	184441	42.422	ng	99
33) 4-Chloroaniline	8.14	127	387035	38.738	ng	99
34) Hexachlorobutadiene	8.17	225	157166	39.336	ng	98
35) Caprolactam	8.52	113	86307m	37.970	ng	
36) 4-Chloro-3-methylphenol	8.63	107	287936	40.020	ng	99
37) 2-Methylnaphthalene	8.76	142	578214	38.608	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	280436	39.356	ng	98
40) Hexachlorocyclopentadiene	8.90	237	33260	36.706	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101855.D
 Acq On : 3 Jan 2018 12:59
 Operator : SJ/JU
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:14 PM

Quant Time: Jan 04 01:14:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	167819	39.120	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	161184	34.316	nq	95
45) 1,1'-Biphenyl	9.23	154	720905	38.516	nq	99
46) 2-Chloronaphthalene	9.26	162	542782	37.900	nq	98
47) 2-Nitroaniline	9.37	65	198752	40.173	nq	90
48) Acenaphthylene	9.67	152	857177	37.894	nq	100
49) Dimethylphthalate	9.53	163	644813	37.983	nq	100
50) 2,6-Dinitrotoluene	9.61	165	134682	39.035	nq #	85
51) Acenaphthene	9.84	154	514419	37.852	nq	99
52) 3-Nitroaniline	9.79	138	176701	41.077	nq	98
53) 2,4-Dinitrophenol	9.96	184	56361m	51.171	nq	
54) Dibenzofuran	10.02	168	738303	42.748	nq	98
55) 4-Nitrophenol	9.98	139	84179m	44.878	nq	
56) 2,4-Dinitrotoluene	10.03	165	193772	49.847	nq #	97
57) Fluorene	10.36	166	599004	40.999	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	136429	40.427	nq #	89
59) Diethylphthalate	10.23	149	652644	38.822	nq	96
60) 4-Chlorophenyl-phenylether	10.35	204	293114	41.860	nq #	88
61) 4-Nitroaniline	10.41	138	171135	39.579	nq	94
62) Azobenzene	10.50	77	635184	36.473	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	92324	44.579	nq	91
65) n-Nitrosodiphenylamine	10.47	169	560265	37.388	nq	95
66) 4-Bromophenyl-phenylether	10.83	248	180356	39.551	nq #	86
67) Hexachlorobenzene	10.91	284	188056	38.965	nq #	91
68) Atrazine	11.00	200	165214	36.975	nq	95
69) Pentachlorophenol	11.12	266	55775	33.839	nq	97
70) Phenanthrene	11.32	178	865871	38.365	nq	99
71) Anthracene	11.37	178	893523	38.758	nq	100
72) Carbazole	11.54	167	853420	39.539	nq	99
73) Di-n-butylphthalate	11.84	149	1034082	39.473	nq	99
74) Fluoranthene	12.52	202	926042	39.091	nq	99
76) Benzidine	12.64	184	426868	32.694	nq	99
77) Pyrene	12.74	202	948046	40.863	nq	100
79) Butylbenzylphthalate	13.34	149	433096	41.256	nq	95
80) Benzo(a)anthracene	13.94	228	772691	37.853	nq	99
81) 3,3'-Dichlorobenzidine	13.90	252	259023	38.916	nq #	98
82) Chrysene	13.97	228	754967	39.172	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	527607	39.680	nq	99
84) Di-n-octyl phthalate	14.50	149	930531	39.241	nq	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	601983	35.075	nq	97
87) Benzo(b)fluoranthene	14.99	252	615036	36.111	nq	99
88) Benzo(k)fluoranthene	15.02	252	695437	41.996	nq	98
89) Benzo(a)pyrene	15.36	252	592989	37.768	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	508497	37.720	nq	98
91) Benzo(g,h,i)perylene	17.33	276	513207	38.446	nq	97

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

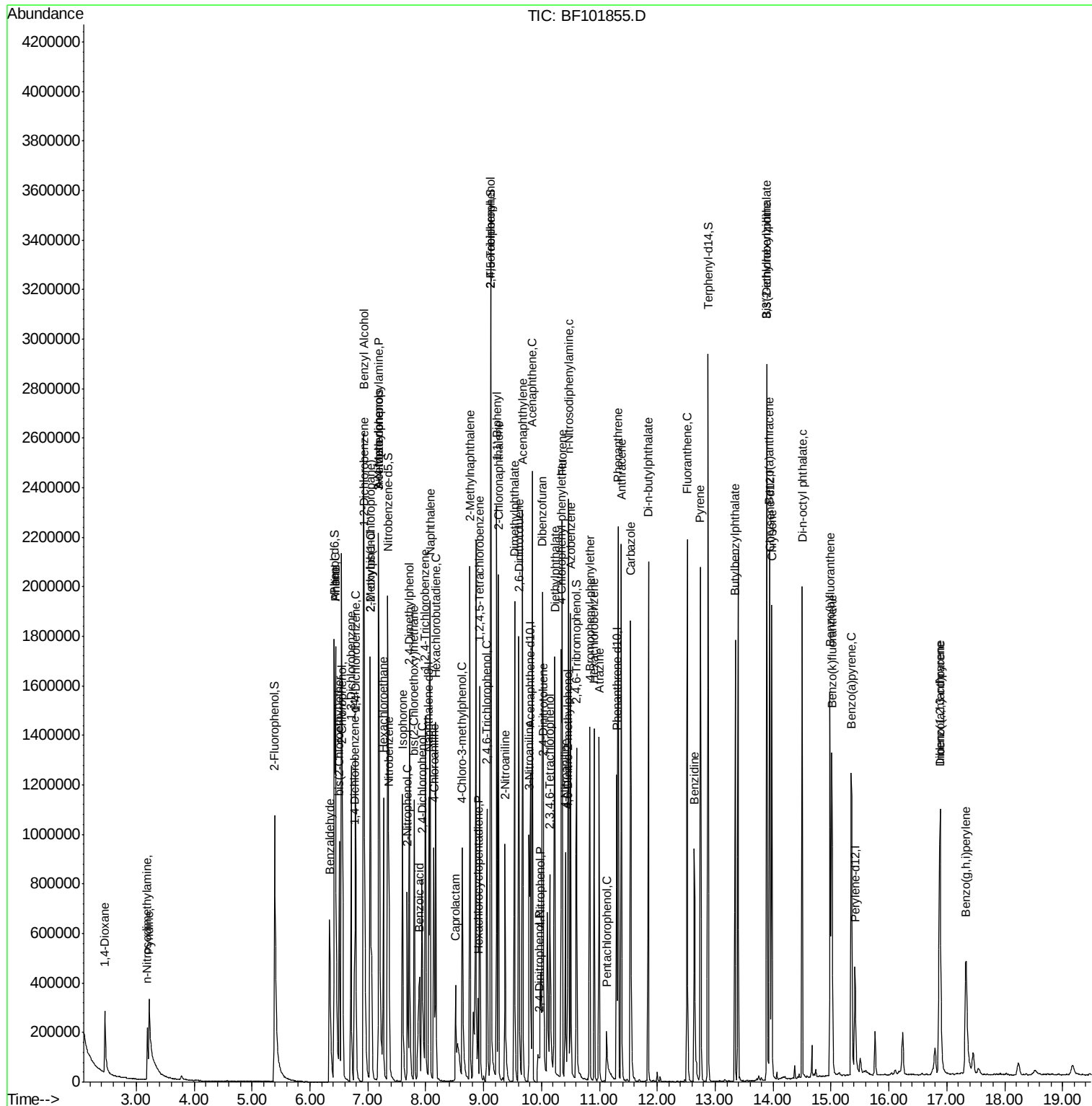
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101855.D
Acq On    : 3 Jan 2018 12:59
Operator  : SJ/JU
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
```

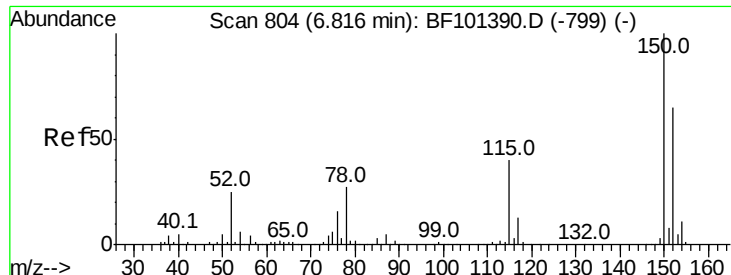
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Sohil
1/4/2018 1:56:14 PM

Quant Time: Jan 04 01:14:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration





#1

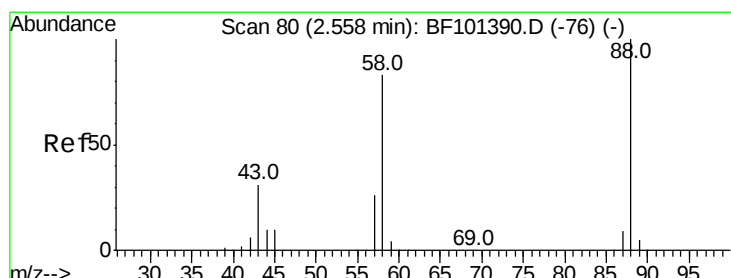
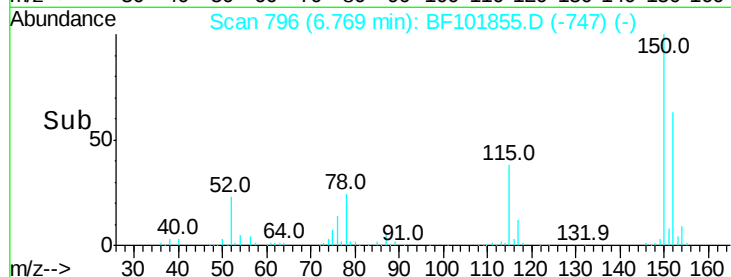
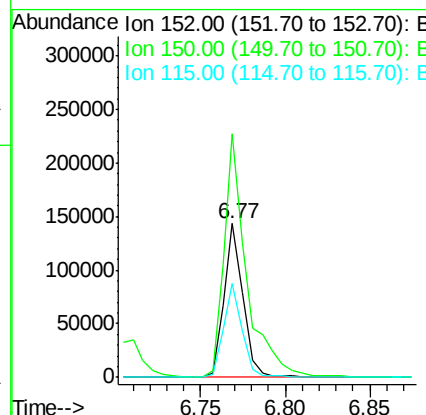
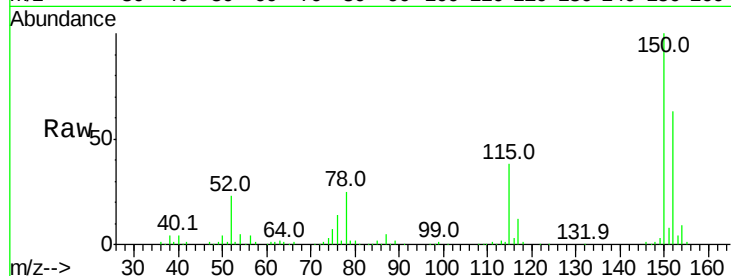
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	60.6	50.1	75.1

Manual Integrations
APPROVED

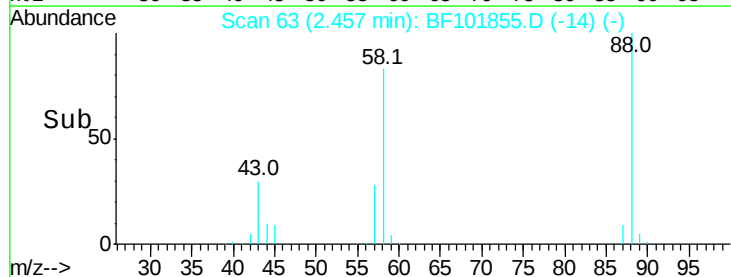
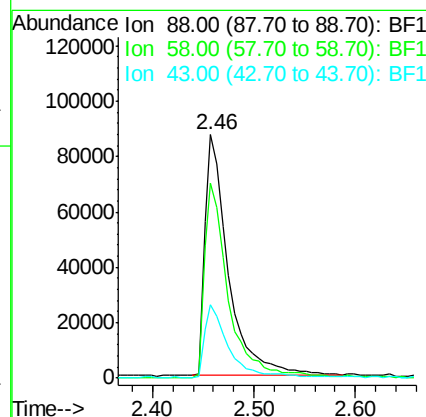
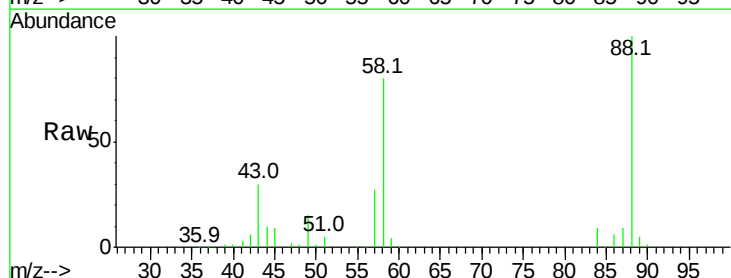
Sohil
1/4/2018 1:56:14 PM



#2

1,4-Dioxane
Concen: 36.128 ng
RT: 2.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	31.6	24.6	37.0





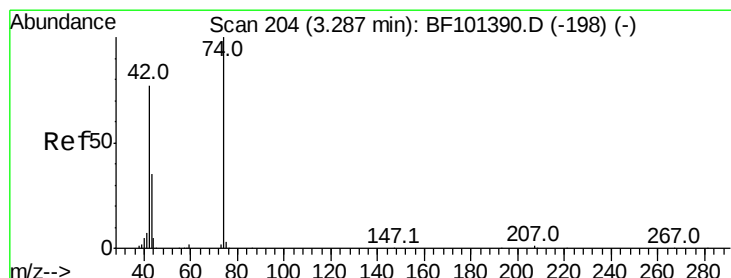
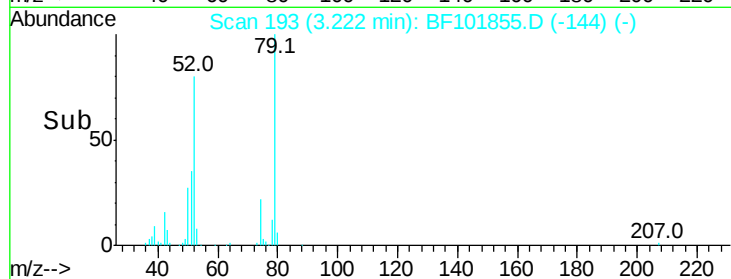
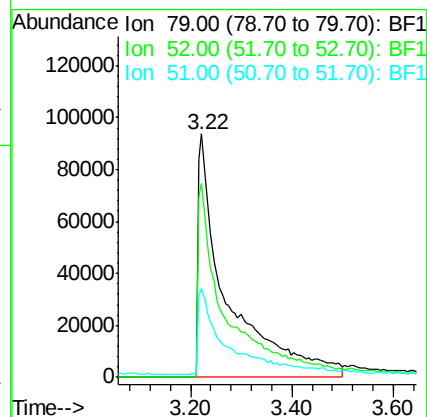
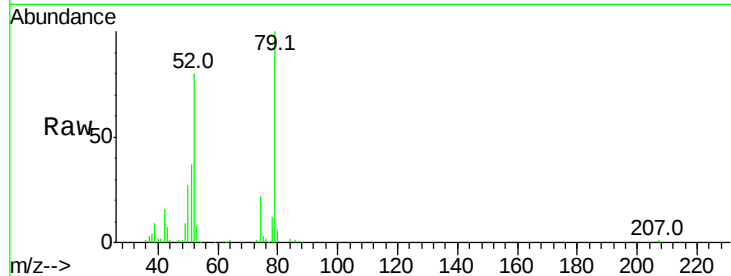
#3
 Pvrindine
 Concen: 34.216 ng
 RT: 3.22 min Scan# 193
 Delta R.T. -0.01 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.7	59.8	89.6
51	36.7	29.8	44.8

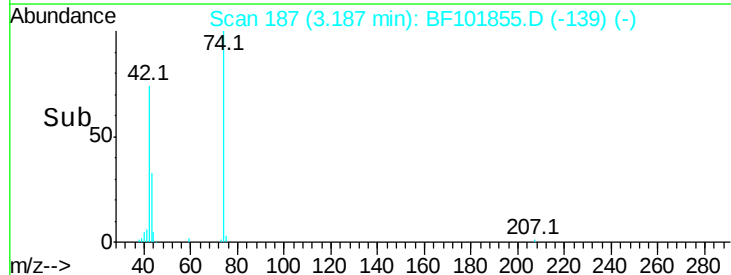
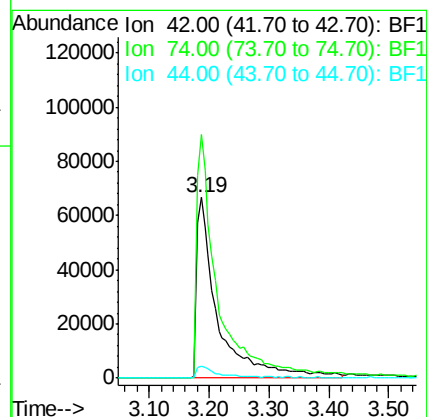
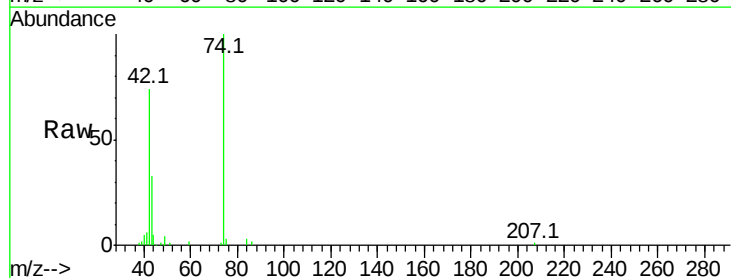
Manual Integrations
 APPROVED

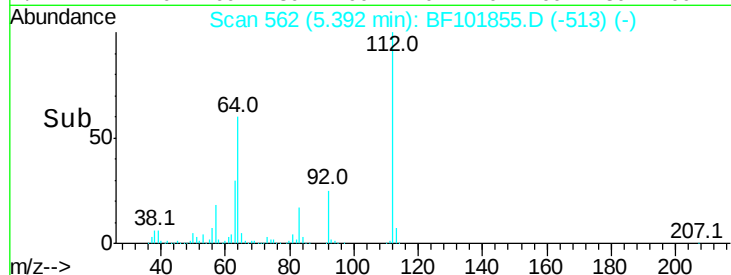
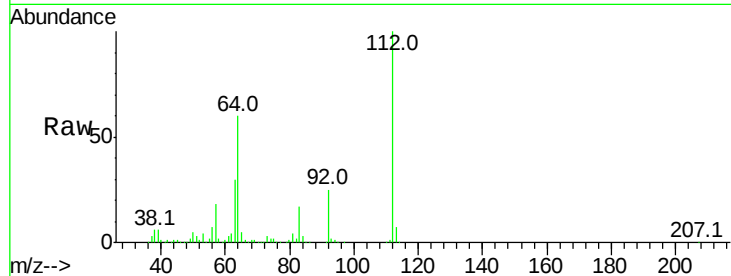
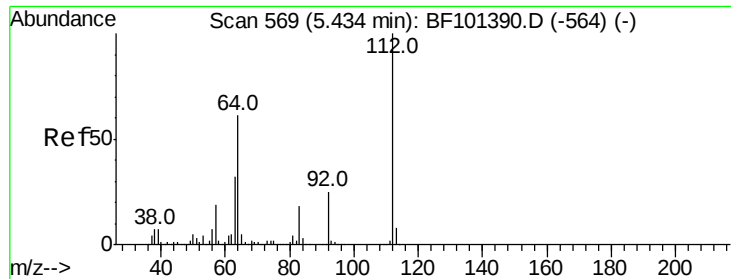
Sohil
 1/4/2018 1:56:14 PM



#4
 n-Nitrosodimethylamine
 Concen: 32.670 ng m
 RT: 3.19 min Scan# 187
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.0	104.9	157.3
44	6.3	6.9	10.3#





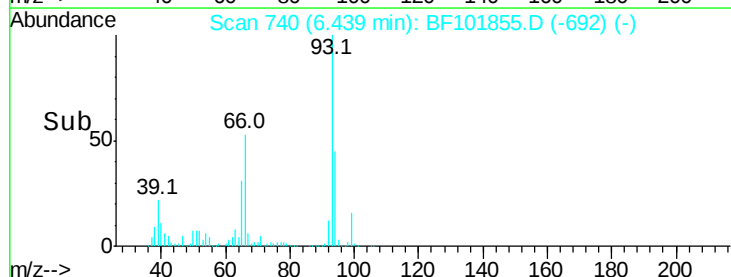
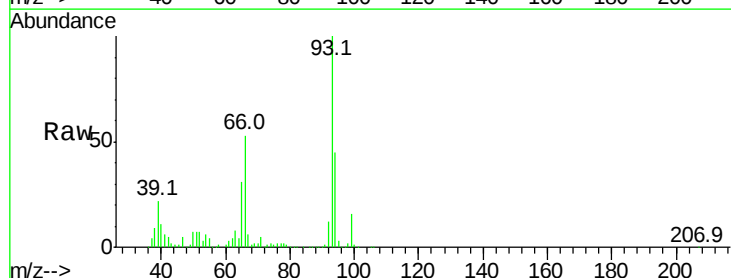
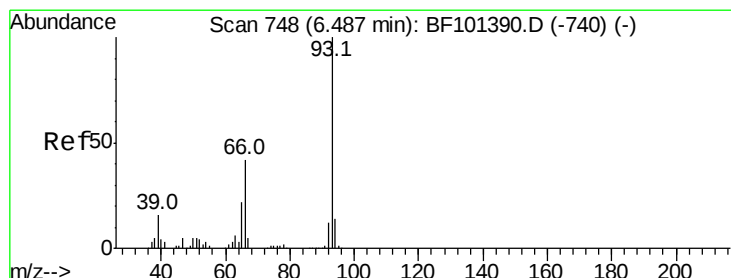
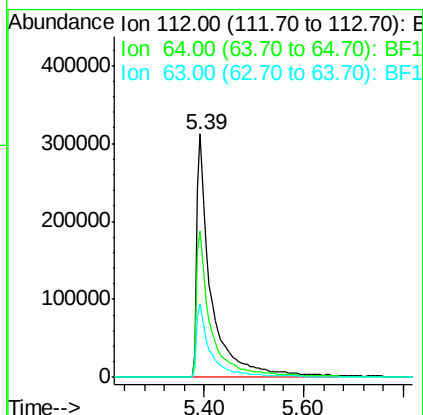
#5
2-Fluorophenol
Concen: 82.934 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tot Ion	Ratio	Resp	Lower	Upper
112	100	629364		
64	60.3	47.9	71.9	
63	30.1	23.7	35.5	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

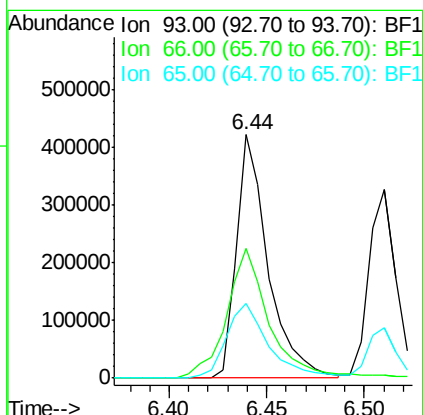
Manual Integrations
APPROVED

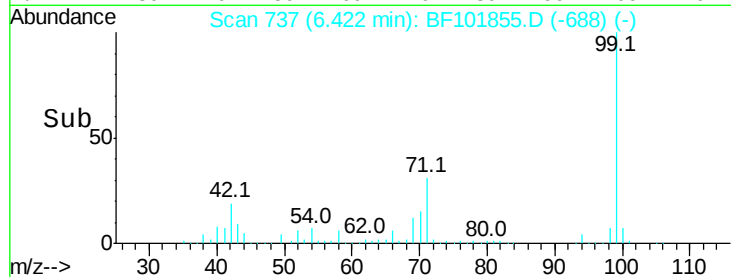
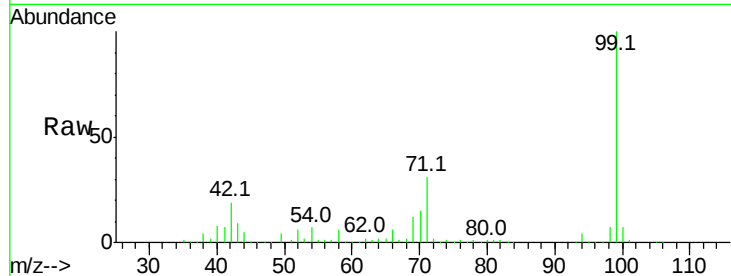
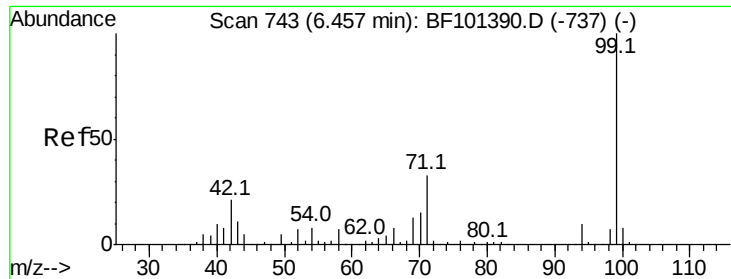
Sohil
1/4/2018 1:56:14 PM



#6
Aniline
Concen: 36.065 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	473348		
66	53.4	32.2	48.2#	
65	30.8	16.4	24.6#	





#7

Phenol-d6

Concen: 74.798 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tot Ion:	99	Resp:	706427
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	31.0	25.4	38.0

Instrument :

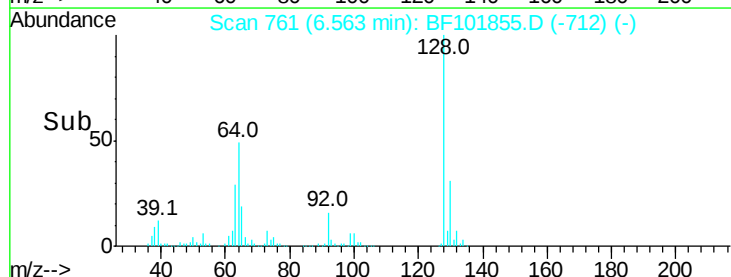
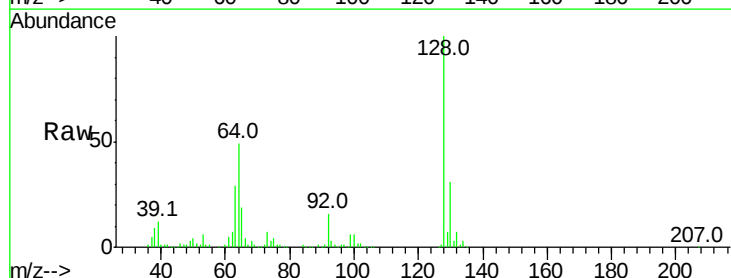
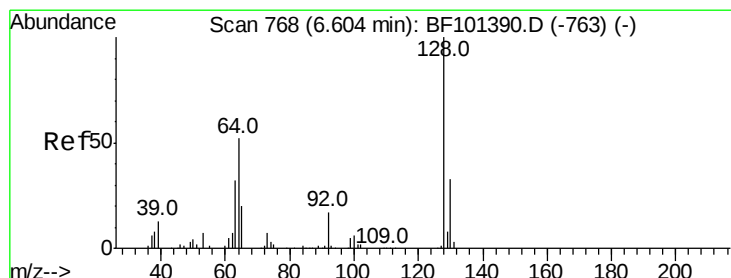
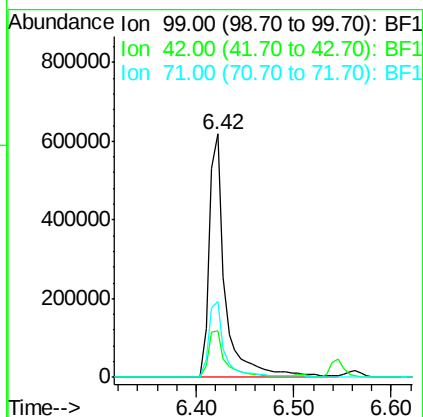
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#8

2-Chlorophenol

Concen: 39.218 ng

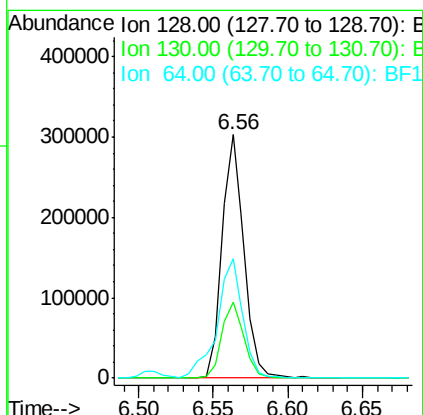
RT: 6.56 min Scan# 761

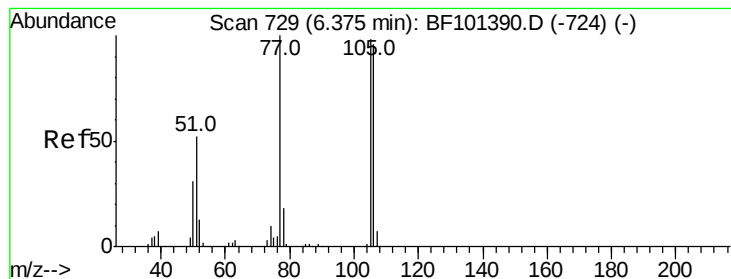
Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion:	128	Resp:	313067
Ion Ratio	Lower	Upper	
128	100		
130	31.3	13.0	53.0
64	49.0	29.4	69.4





#9

Benzaldehyde

Concen: 32.214 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

ClientSampleId :

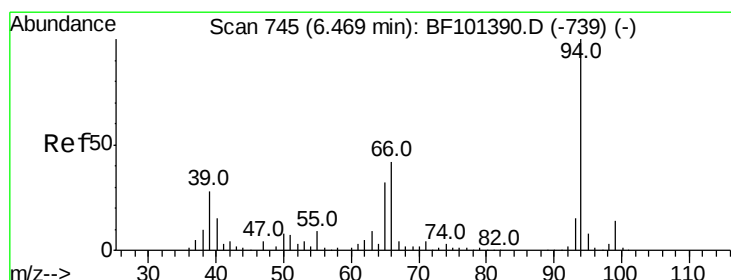
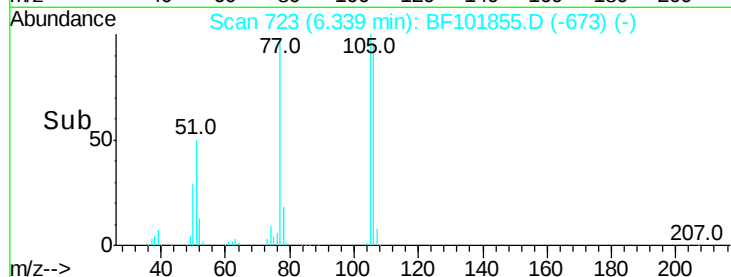
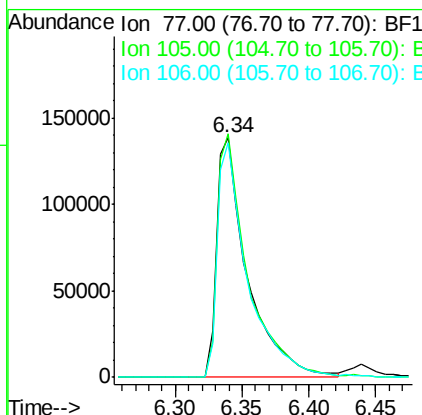
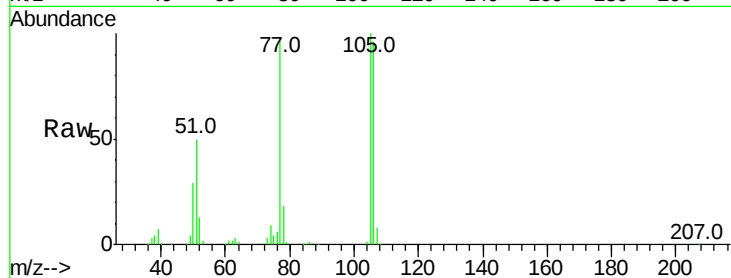
SSTDCCC040

Tot Ion: 77 Resp: 224688

Ion	Ratio	Lower	Upper
77	100		
105	101.7	81.1	121.1
106	97.8	74.5	114.5

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#10

Phenol

Concen: 36.251 ng

RT: 6.43 min Scan# 739

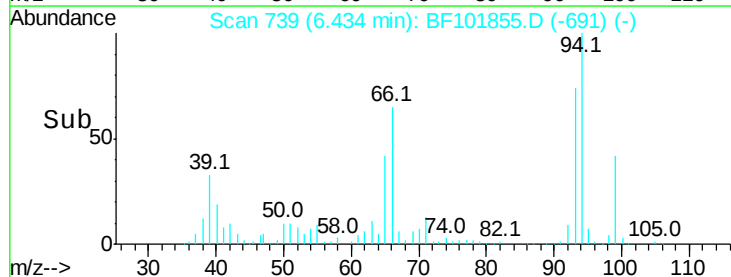
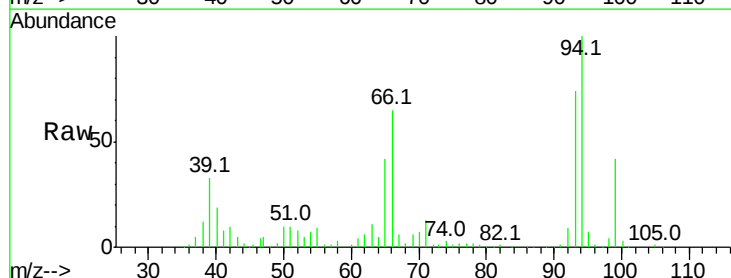
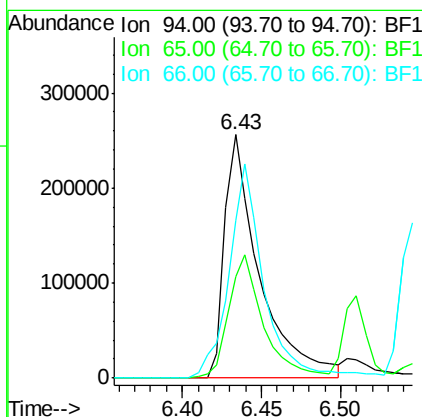
Delta R.T. -0.02 min

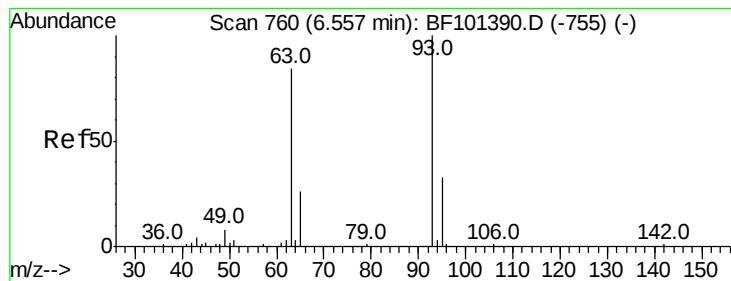
Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion: 94 Resp: 390219

Ion	Ratio	Lower	Upper
94	100		
65	41.8	7.9	47.9
66	65.1	16.2	56.2





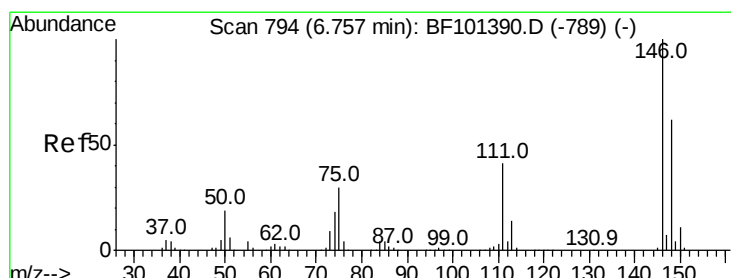
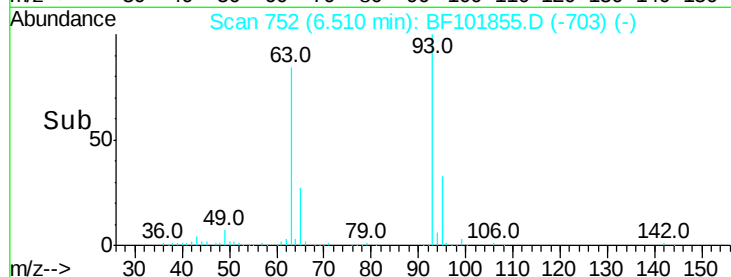
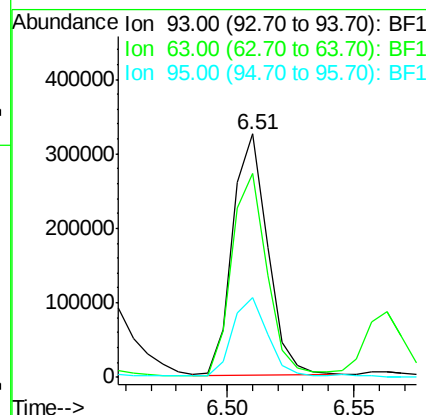
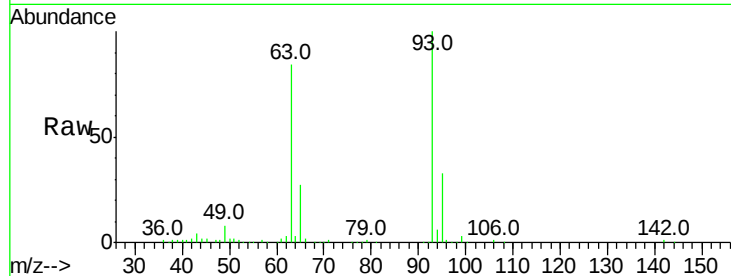
#11
bis(2-Chloroethyl)ether
Concen: 37.002 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	58.6	98.6
95	32.5	11.8	51.8

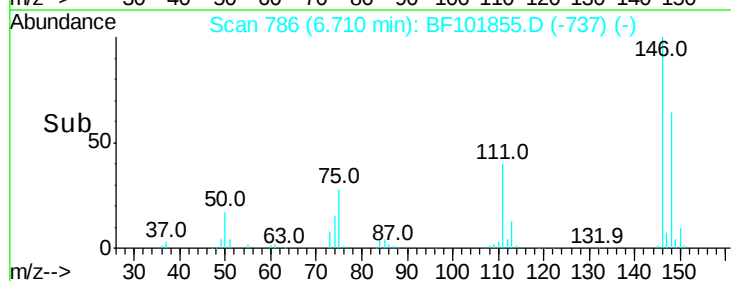
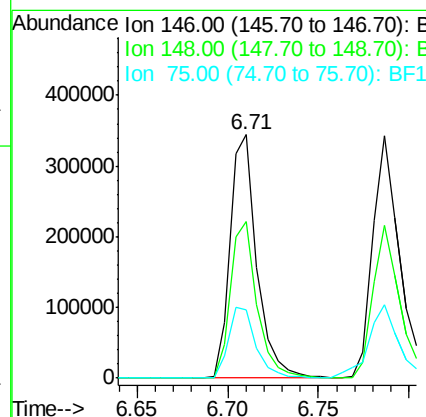
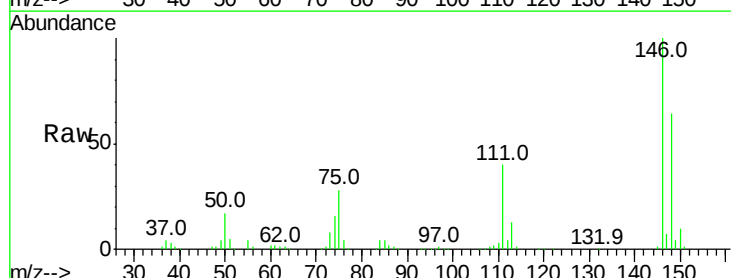
Manual Integrations
APPROVED

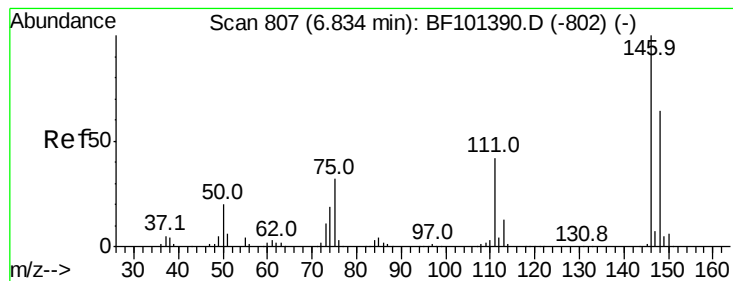
Sohil
1/4/2018 1:56:14 PM



#12
1,3-Dichlorobenzene
Concen: 39.262 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	28.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.881 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

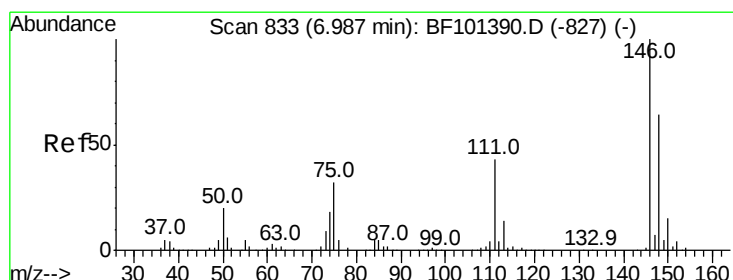
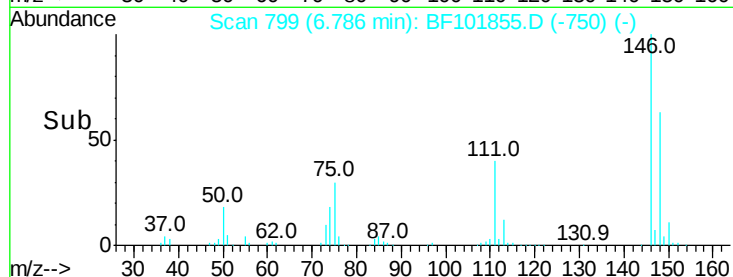
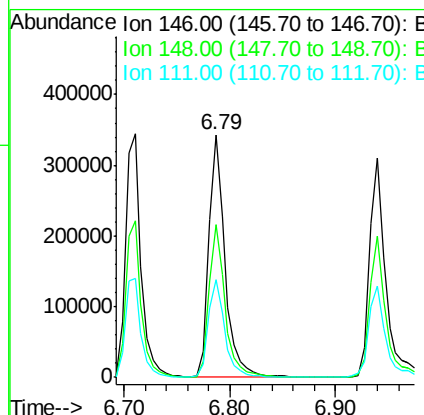
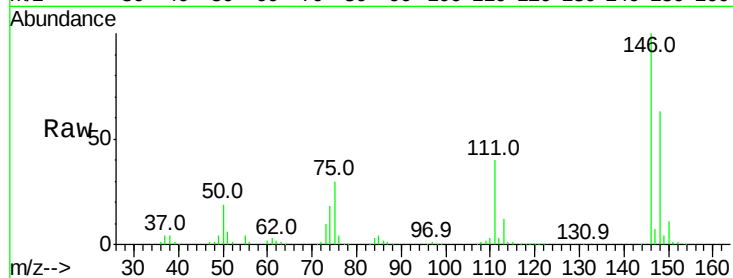
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	40.3	34.2	51.2

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#14

1,2-Dichlorobenzene

Concen: 39.077 ng

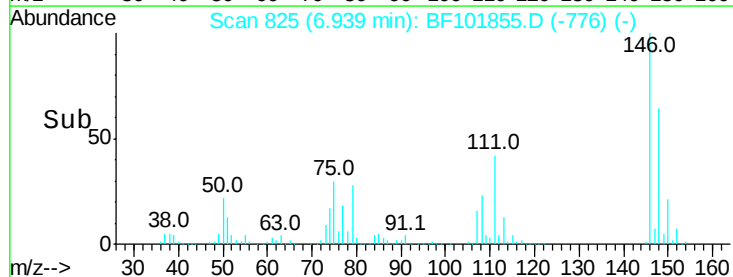
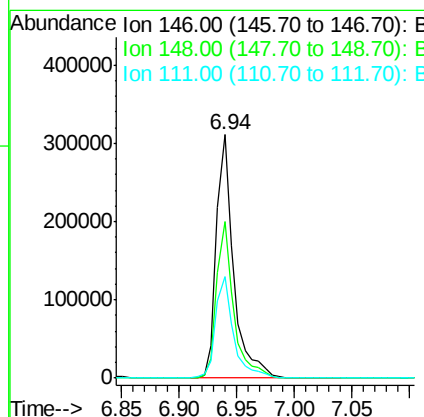
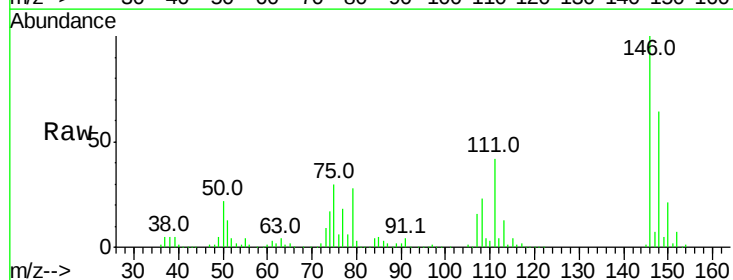
RT: 6.94 min Scan# 825

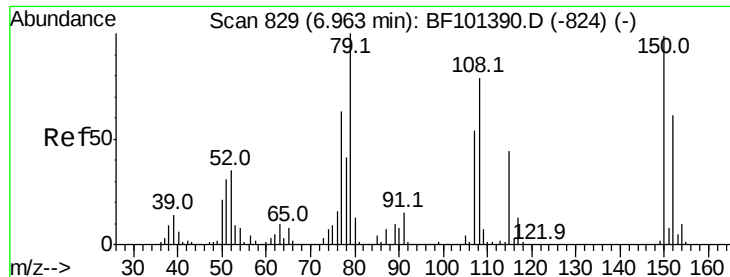
Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	41.7	36.0	54.0





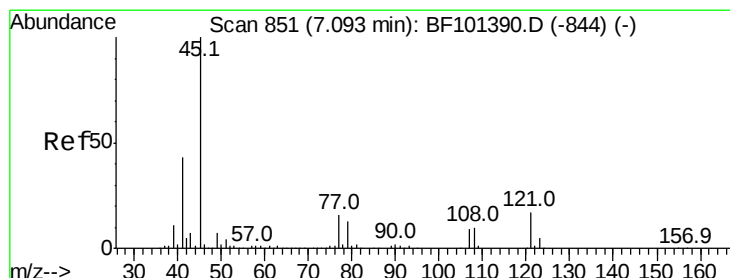
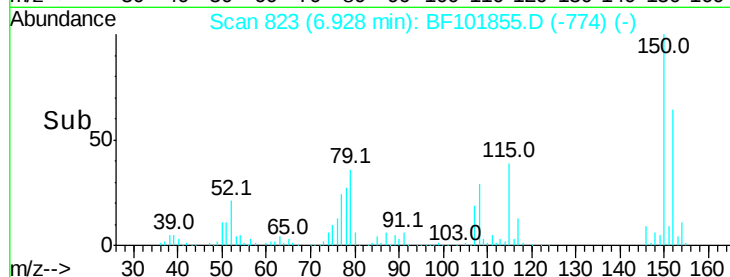
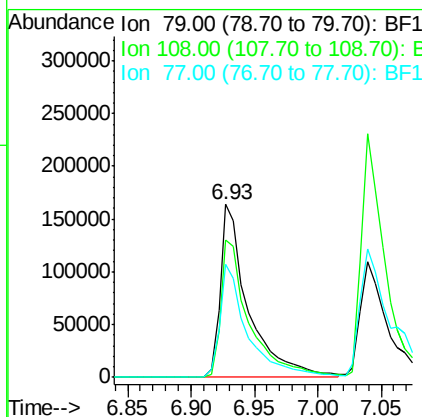
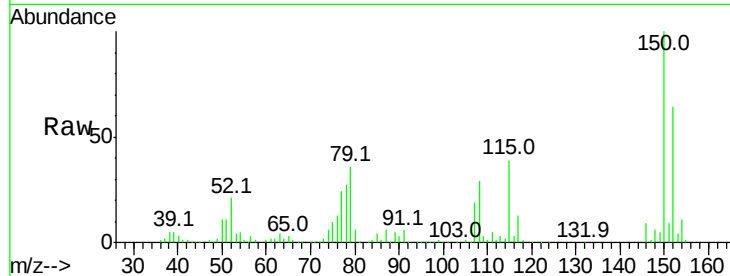
#15
Benzyl Alcohol
Concen: 39.199 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	65.1	97.7
77	65.2	50.6	75.8

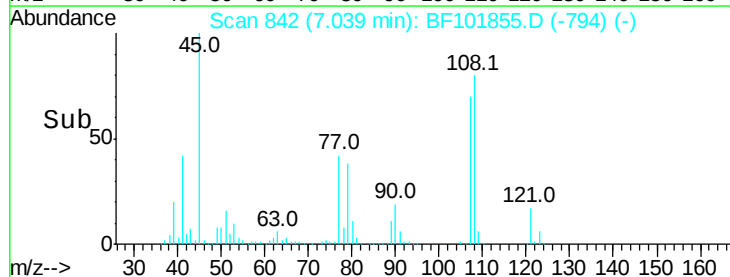
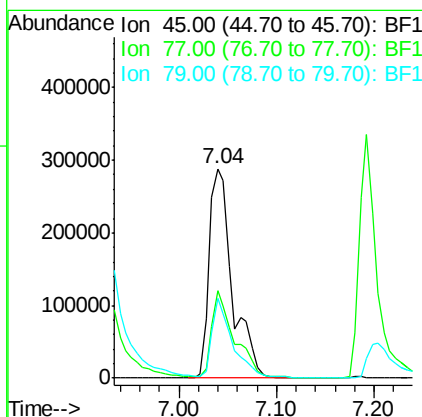
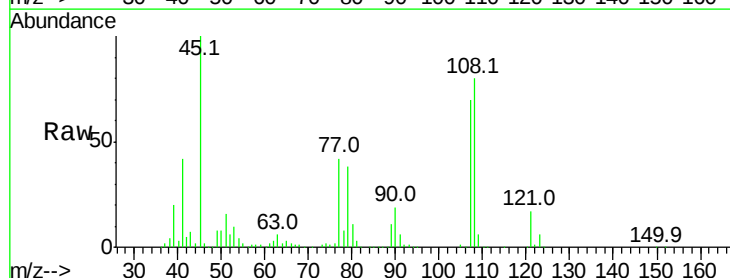
Manual Integrations
APPROVED

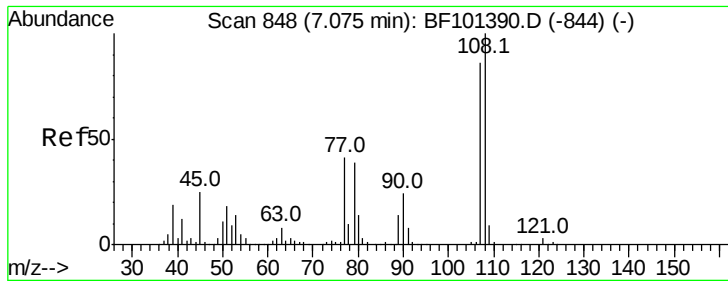
Sohil
1/4/2018 1:56:14 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.911 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	42.0	0.0	32.9#
79	37.9	0.0	29.6#





#17

2-Methylphenol

Concen: 36.673 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:107 Resp: 269295
Ion Ratio Lower Upper

107 100

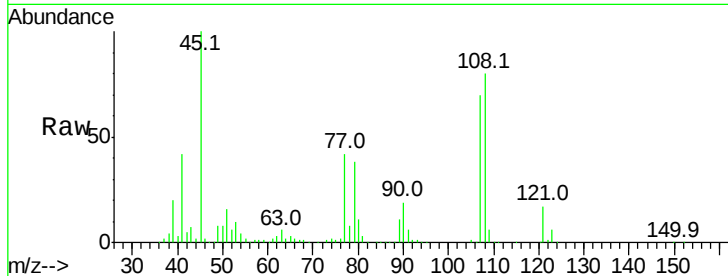
108 114.4 91.7 137.5

77 60.1 33.8 50.8#

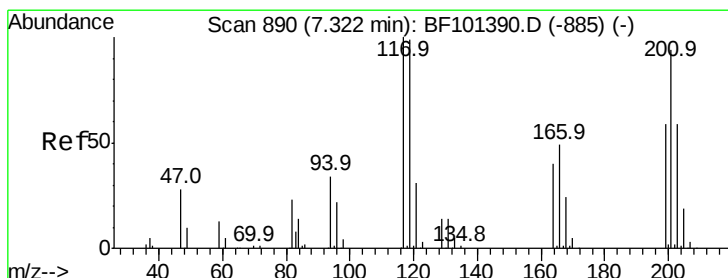
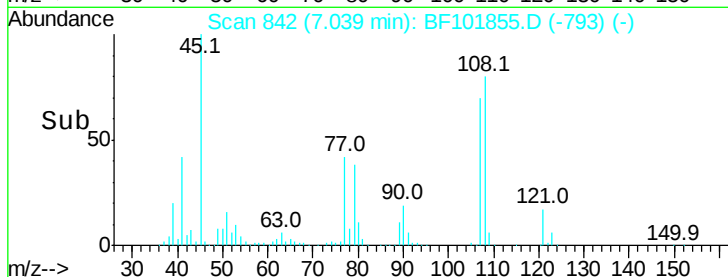
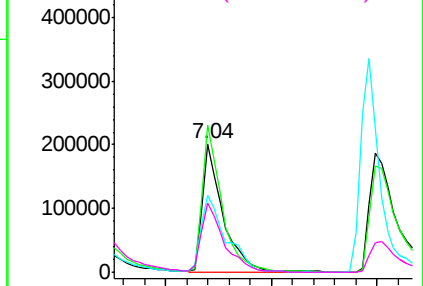
79 54.2 33.8 50.8#

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 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: 38.280 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF101855.D

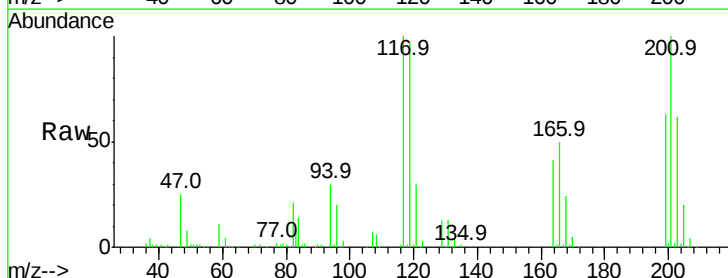
Acq: 3 Jan 2018 12:59

Tgt Ion:117 Resp: 122451
Ion Ratio Lower Upper

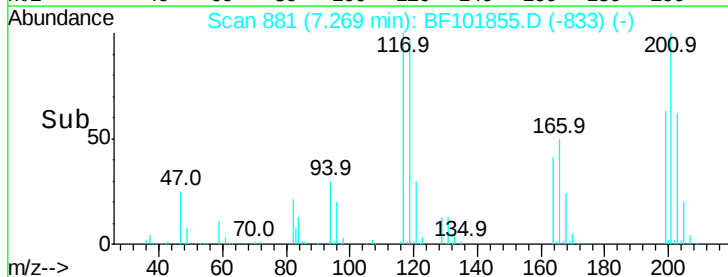
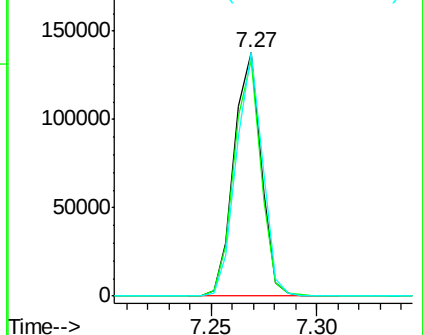
117 100

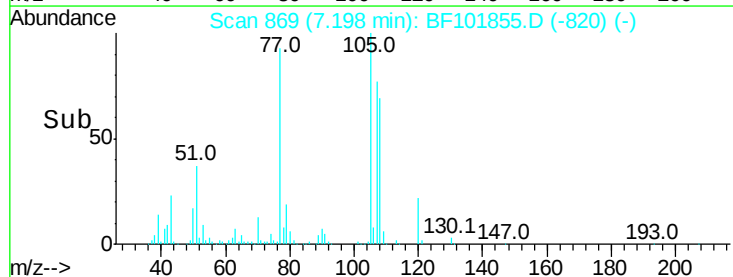
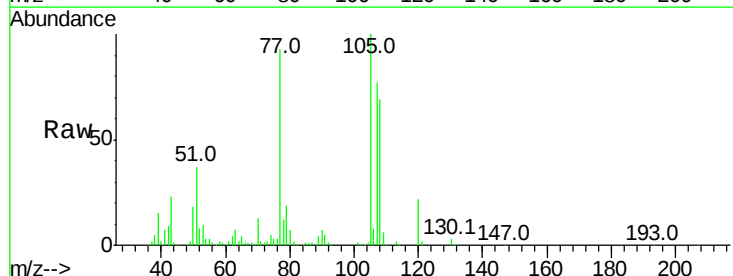
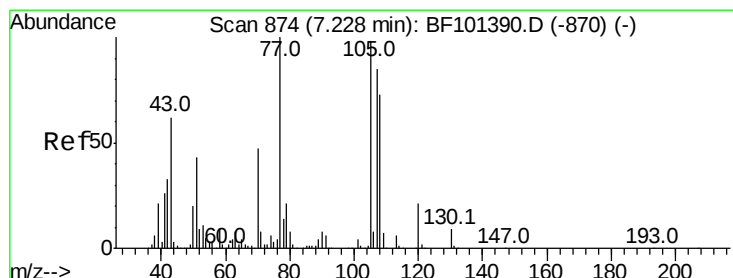
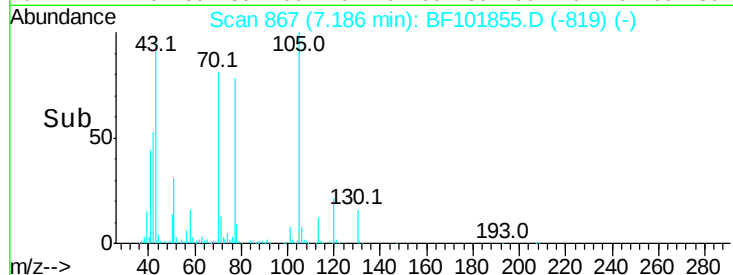
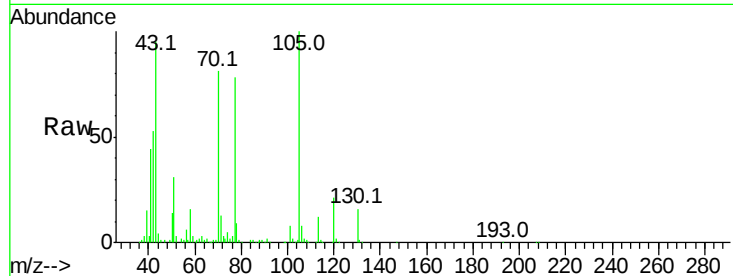
119 97.0 75.8 113.8

201 99.9 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: 38.647 ng

RT: 7.19 min Scan# 867

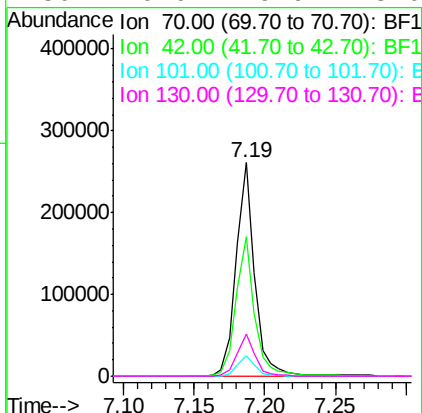
Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.5	71.3
101	9.6	7.4	11.2
130	19.9	16.6	25.0



Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM

#20

3+4-Methylphenols

Concen: 45.880 ng

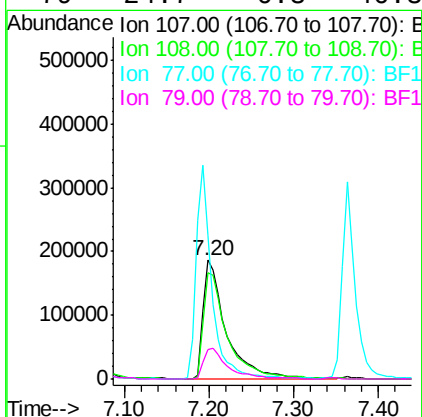
RT: 7.20 min Scan# 869

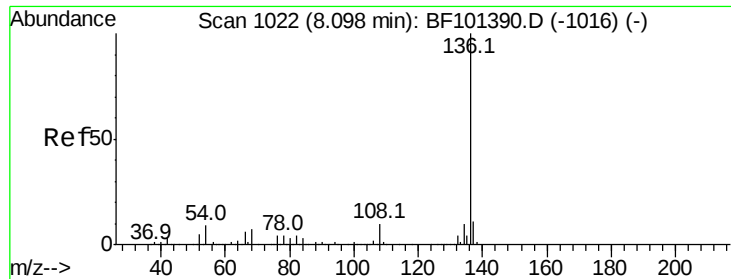
Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	120.8	26.7	66.7#
79	24.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

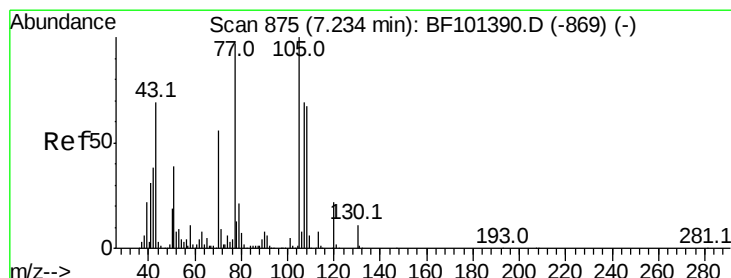
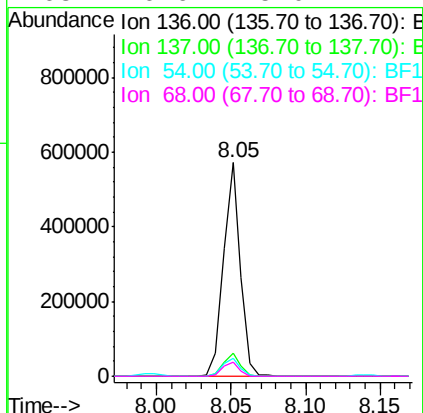
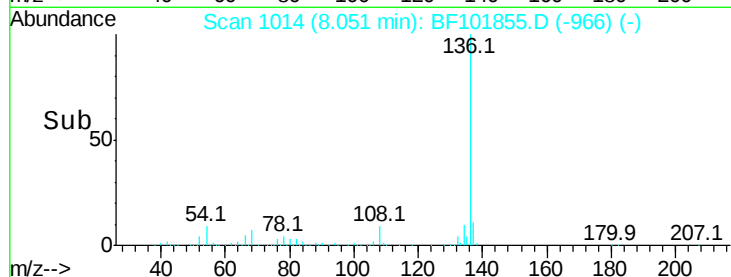
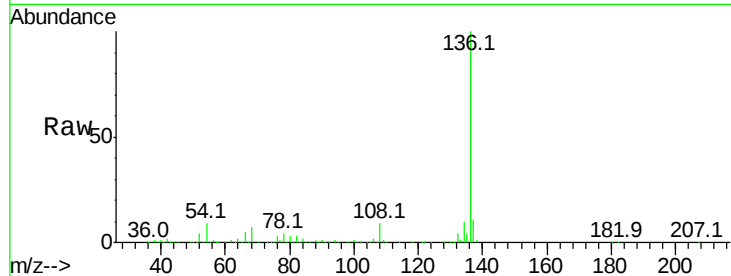
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	456606		
137	10.9		8.9	13.3
54	8.7		6.6	9.8
68	6.6		5.0	7.4

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#22

Acetophenone

Concen: 41.236 ng

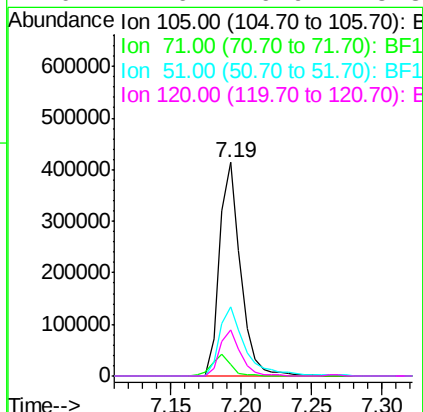
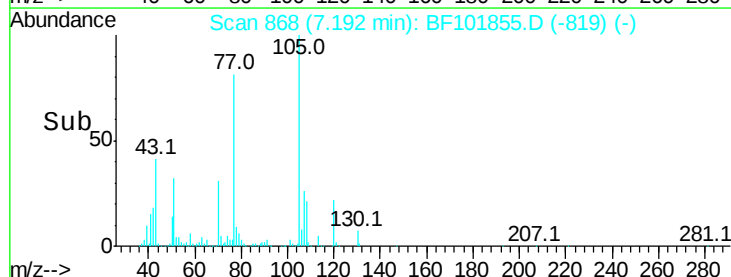
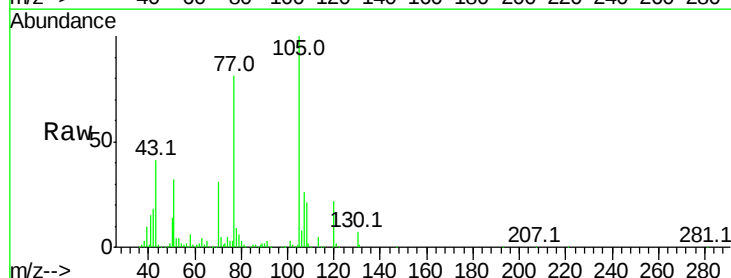
RT: 7.19 min Scan# 868

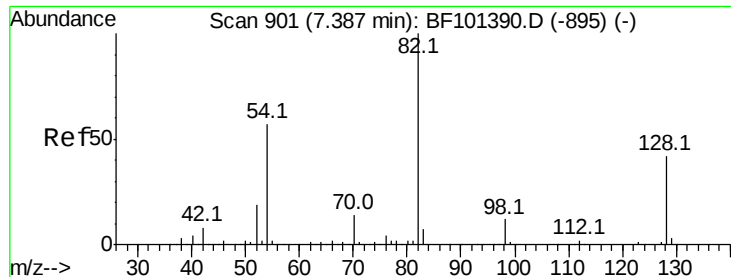
Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	429624		
71	5.4		4.4	6.6
51	32.1		22.3	33.5
120	21.6		16.9	25.3





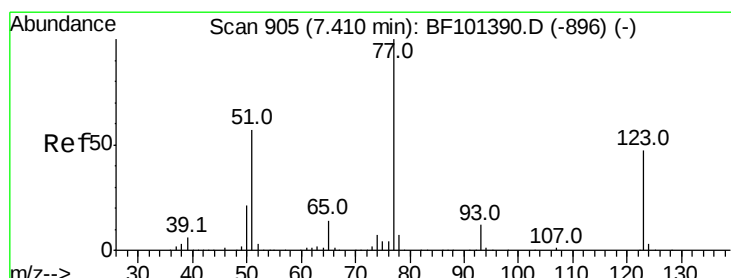
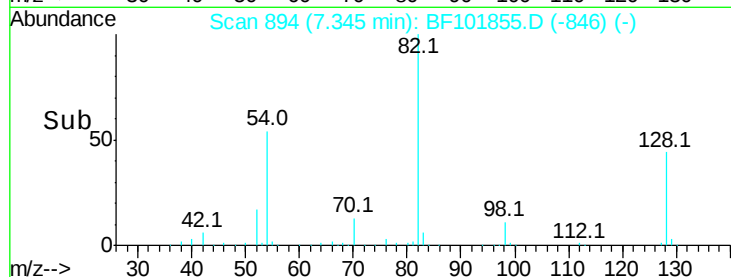
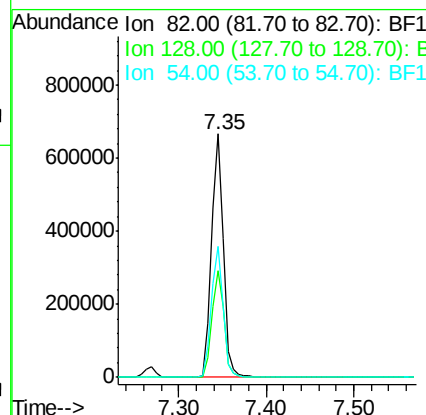
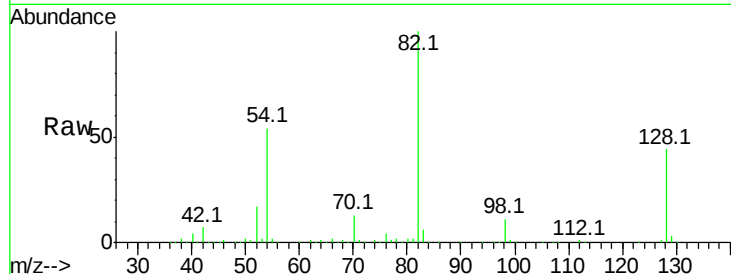
#23
Nitrobenzene-d5
Concen: 77.279 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	633891		
128	43.6	36.1	54.1	
54	54.1	41.4	62.2	

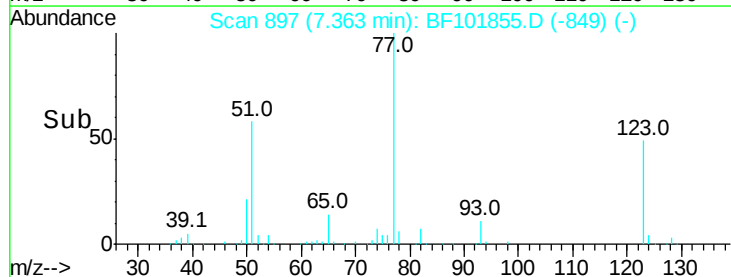
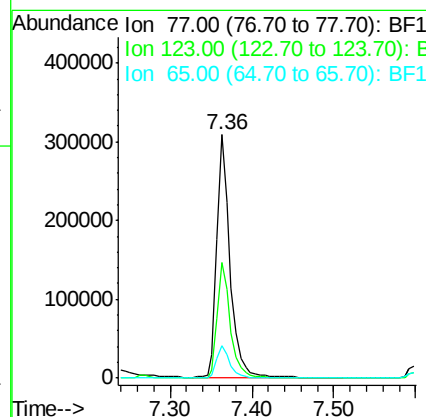
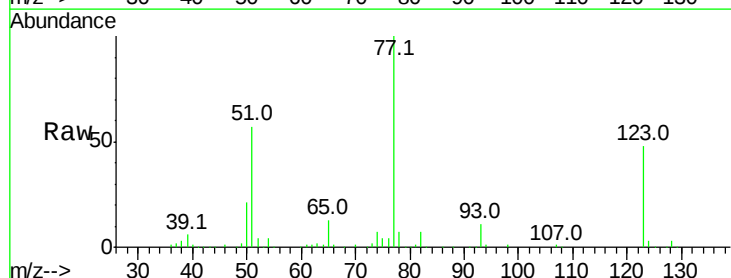
Manual Integrations
APPROVED

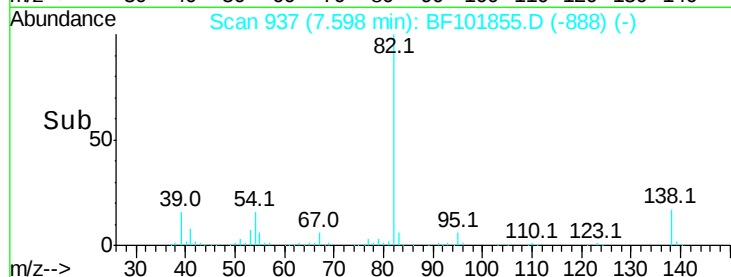
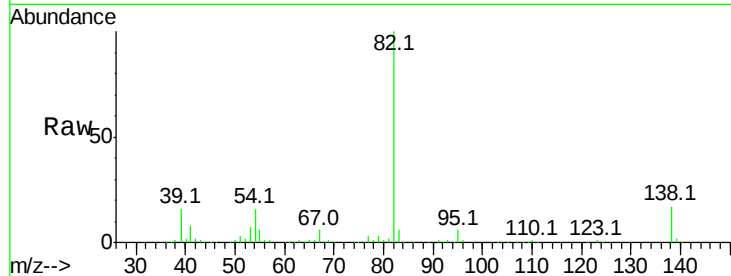
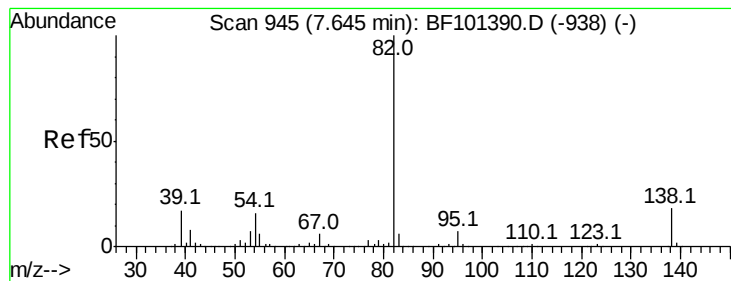
Sohil
1/4/2018 1:56:14 PM



#24
Nitrobenzene
Concen: 38.369 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	348322		
123	47.6	37.9	56.9	
65	13.4	11.0	16.4	





#25

Isophorone

Concen: 36.328 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tot Ion	82	Resp	597782
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.3	14.9	22.3

Instrument :

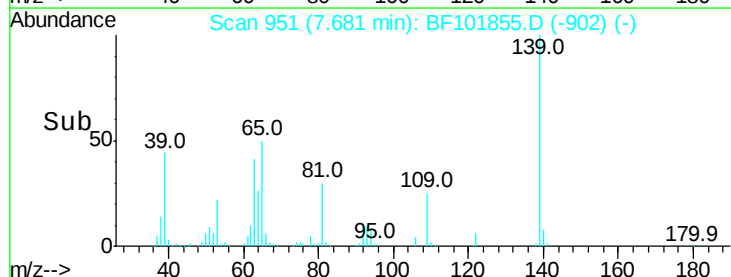
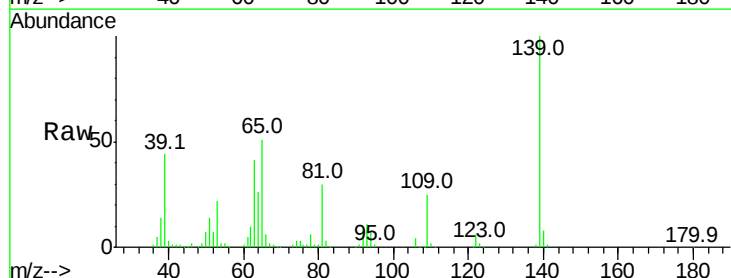
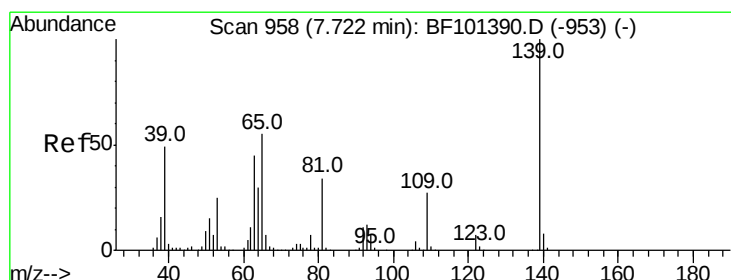
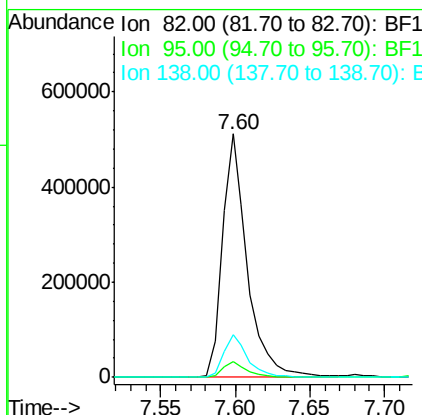
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#26

2-Nitrophenol

Concen: 44.047 ng

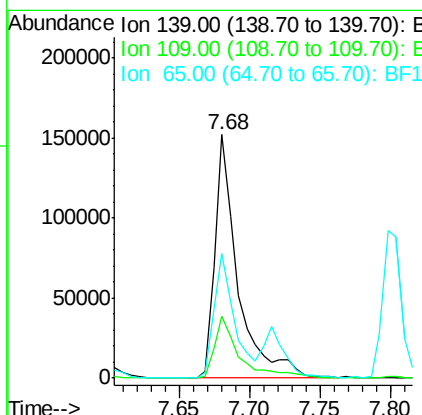
RT: 7.68 min Scan# 951

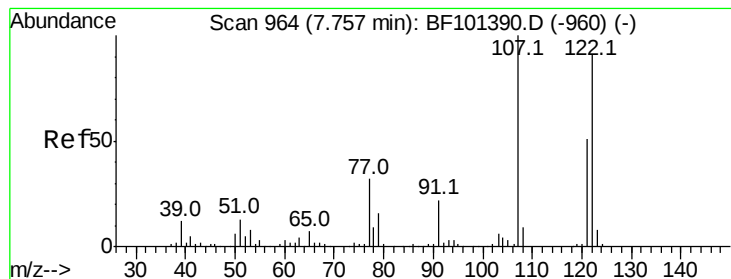
Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion	139	Resp	171793
Ion Ratio	Lower	Upper	
139	100		
109	25.4	22.7	34.1
65	51.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.046 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

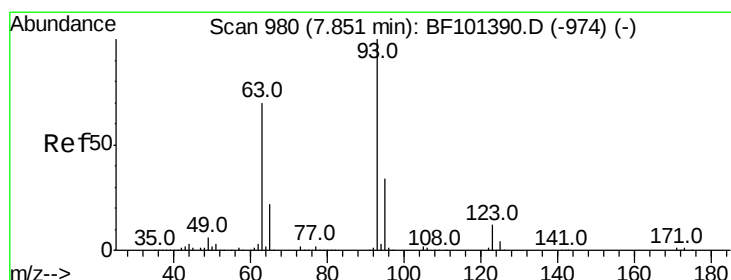
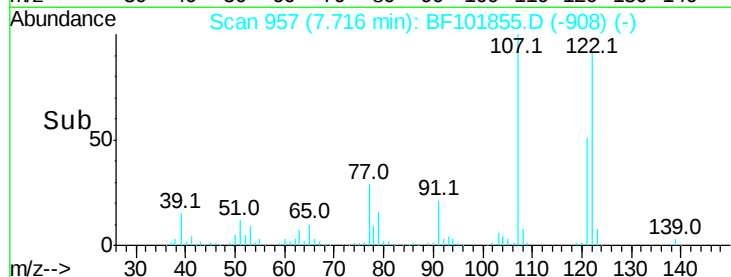
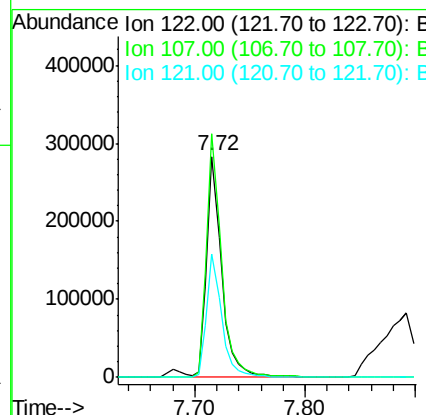
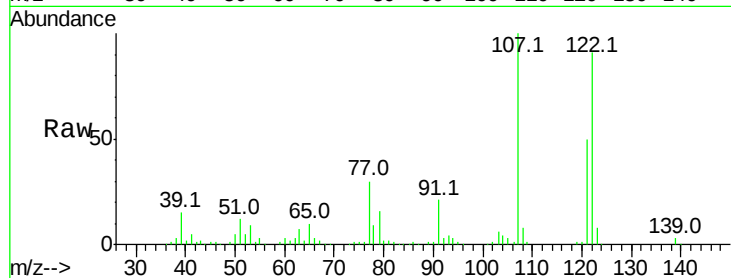
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	258715
Ion Ratio	Lower	Upper	
122	100		
107	110.1	91.2	136.8
121	55.6	47.2	70.8

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#28

bis(2-Chloroethoxy)methane

Concen: 37.962 ng

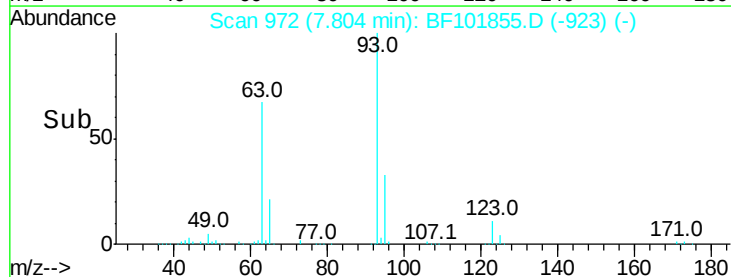
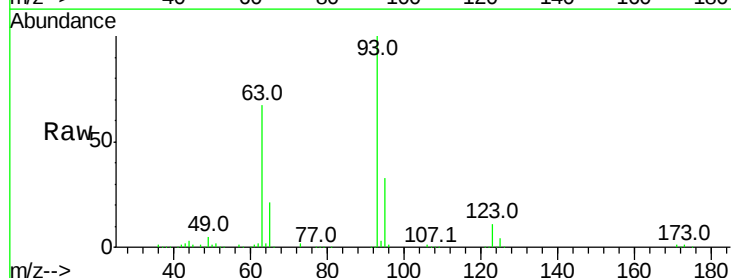
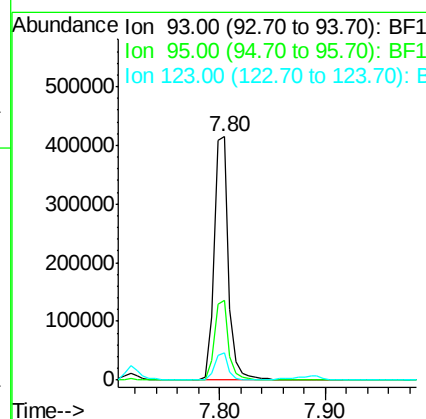
RT: 7.80 min Scan# 972

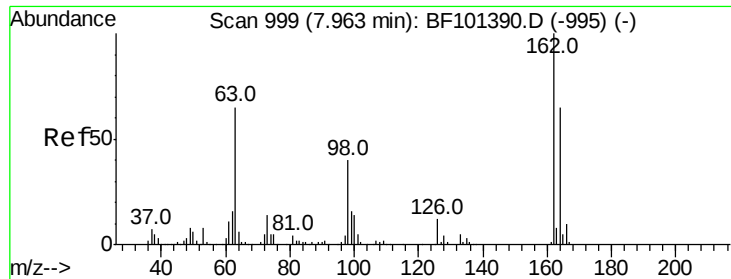
Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion:	93	Resp:	396797
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.3	9.8	14.6





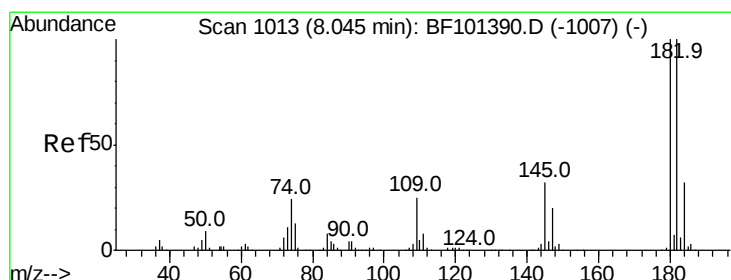
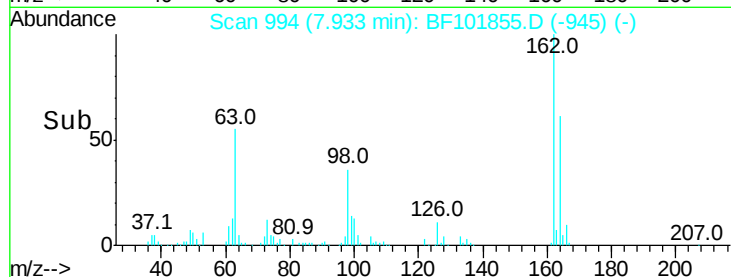
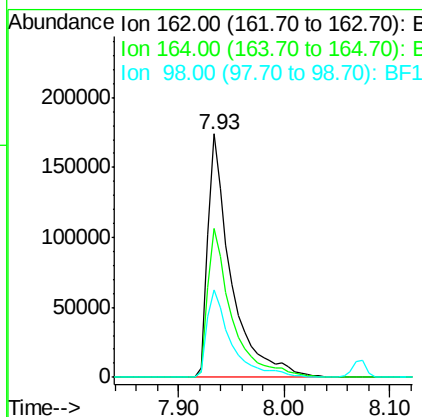
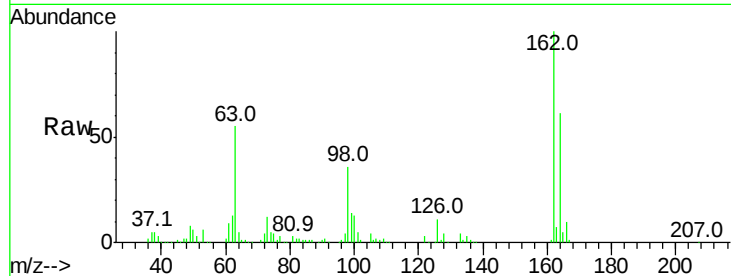
#29
2,4-Dichlorophenol
Concen: 40.925 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	267899		
164	61.4	42.7	82.7	
98	35.7	18.1	58.1	

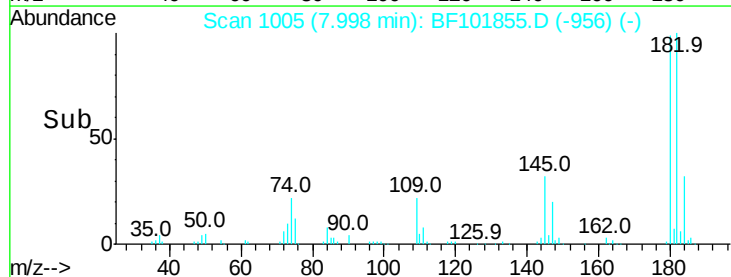
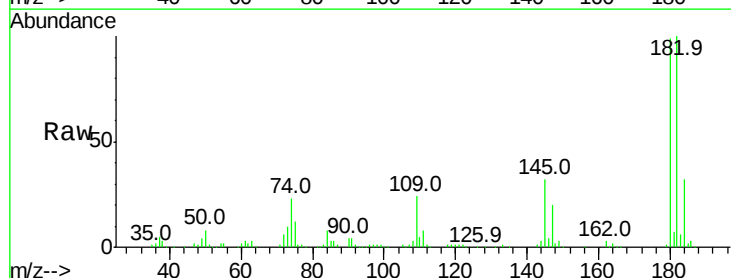
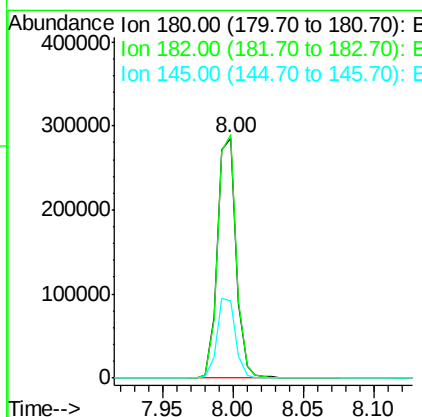
Manual Integrations
APPROVED

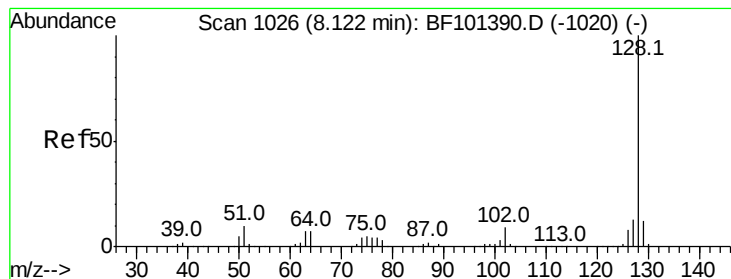
Sohil
1/4/2018 1:56:14 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.147 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263523		
182	101.3	76.8	115.2	
145	32.0	26.5	39.7	





#31

Naphthalene

Concen: 38.415 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

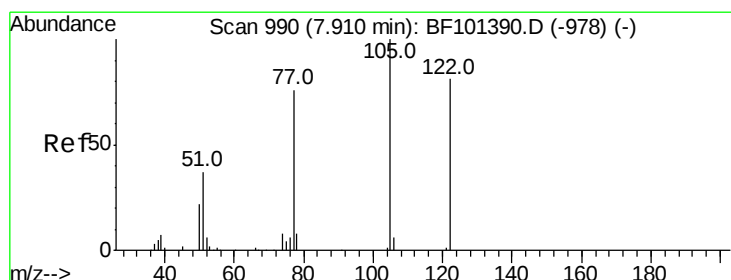
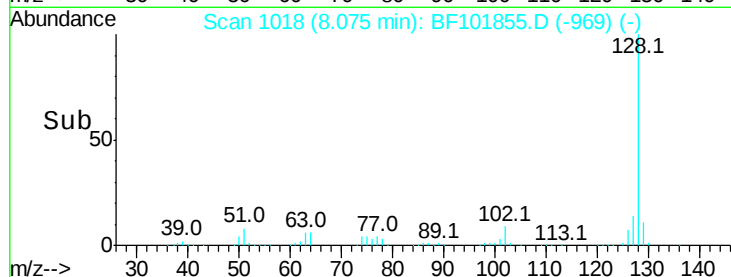
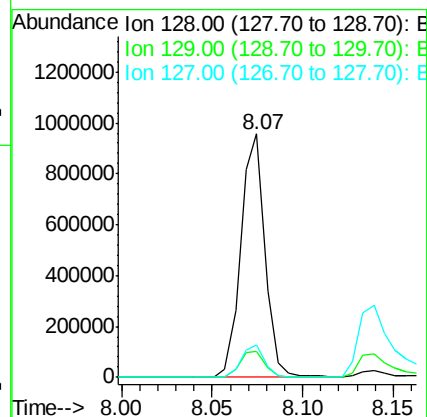
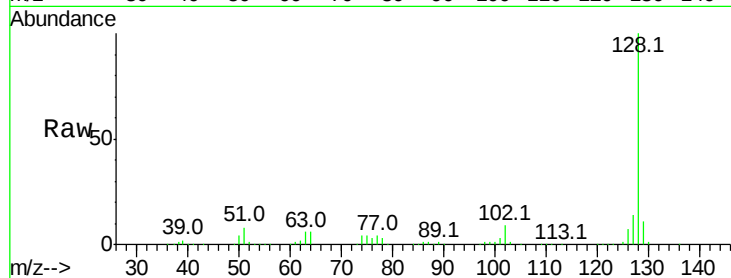
ClientSampleId :

SSTDCCC040

Tot Ion:128	Resp:	883055
Ion Ratio	Lower	Upper
128 100		
129 10.8	8.8	13.2
127 13.5	10.9	16.3

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#32

Benzoic acid

Concen: 42.422 ng

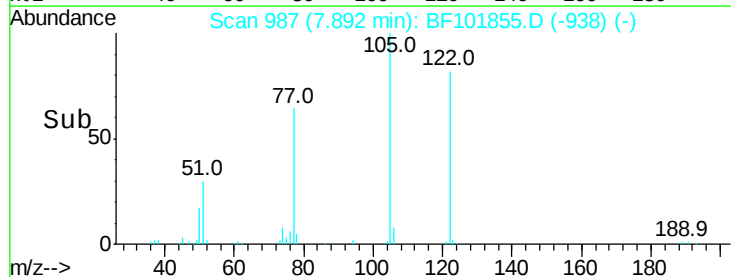
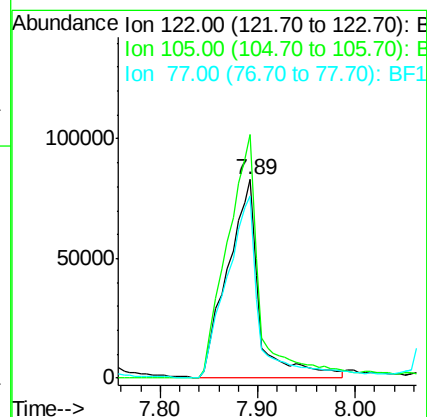
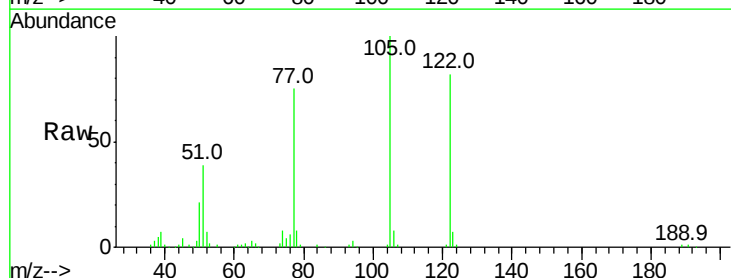
RT: 7.89 min Scan# 987

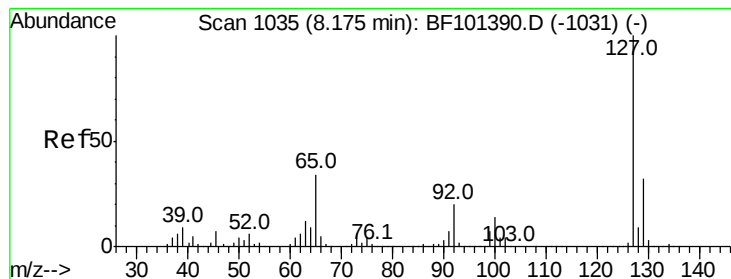
Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion:122	Resp:	184441
Ion Ratio	Lower	Upper
122 100		
105 122.5	101.1	141.1
77 91.7	70.7	110.7





#33

4-Chloroaniline

Concen: 38.738 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

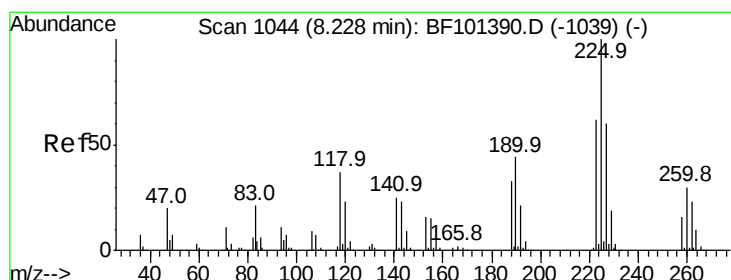
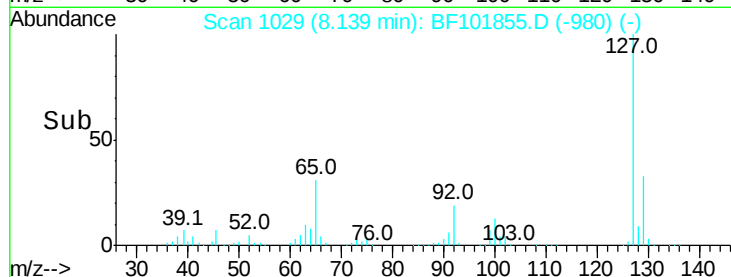
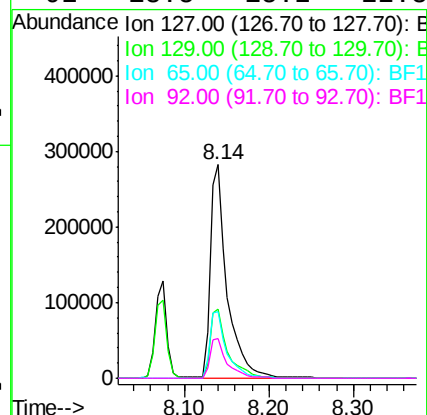
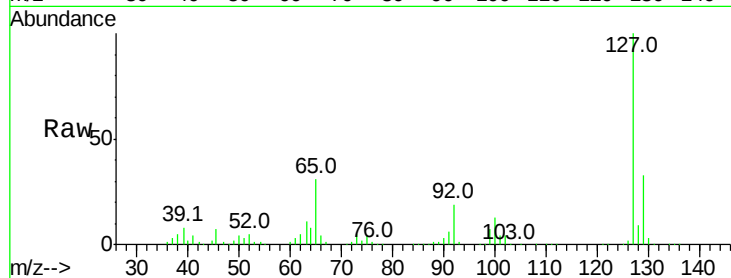
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	31.0	25.0	37.4
92	18.5	15.2	22.8

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#34

Hexachlorobutadiene

Concen: 39.336 ng

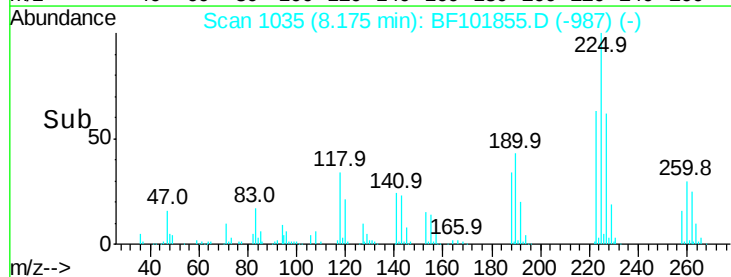
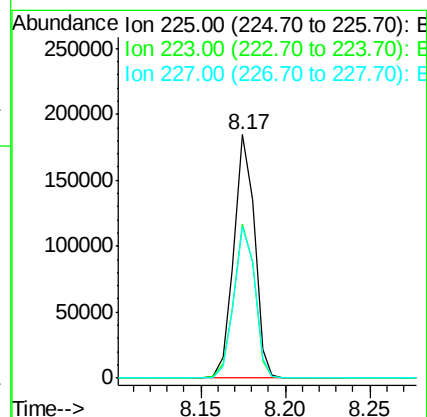
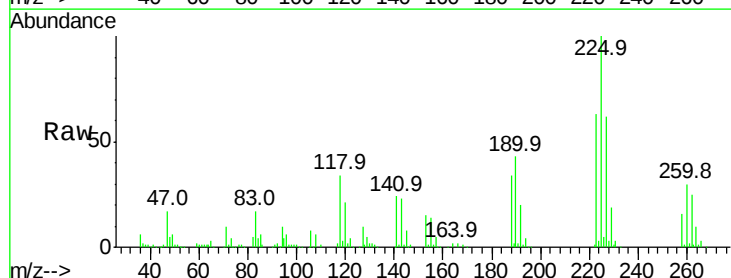
RT: 8.17 min Scan# 1035

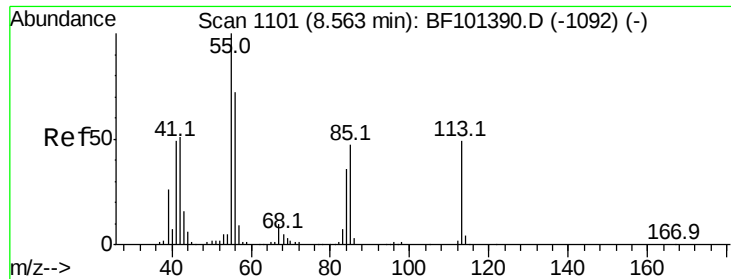
Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	62.4	51.9	77.9





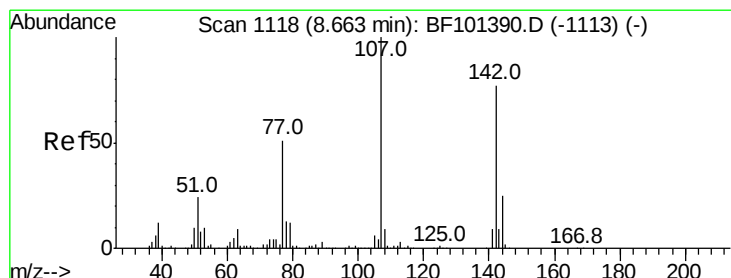
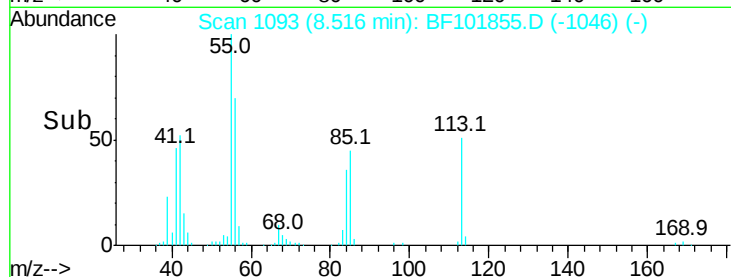
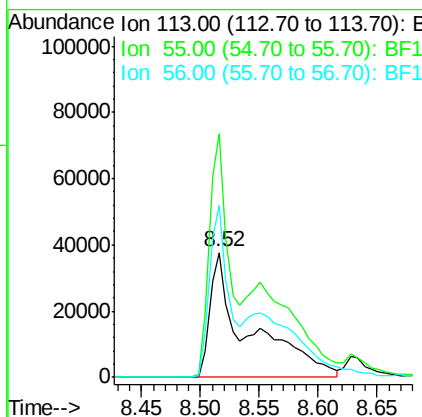
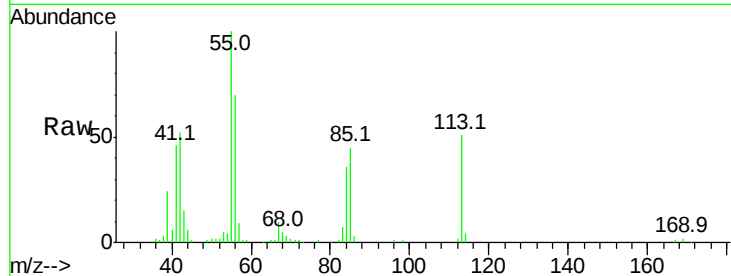
#35
 Caprolactam
 Concen: 37.970 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.3	163.3	203.3
56	137.6	115.7	155.7

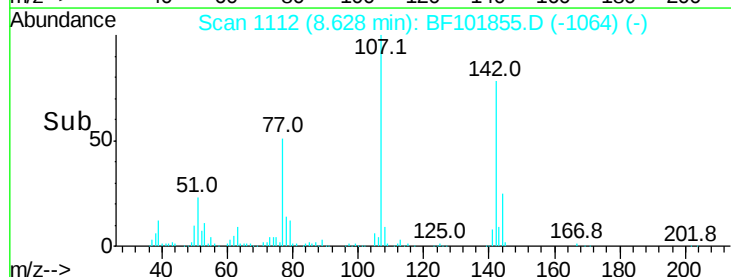
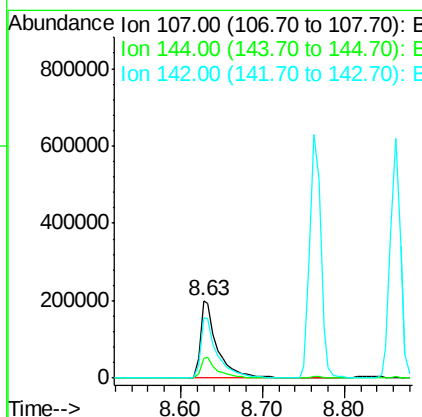
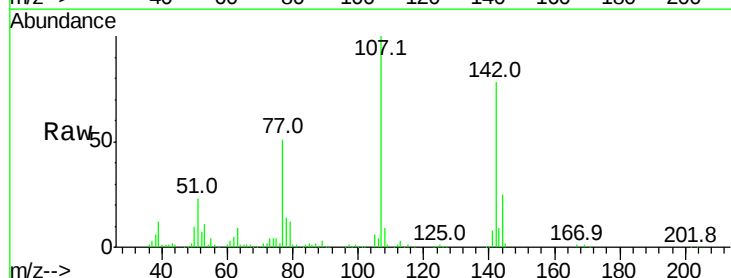
Manual Integrations
 APPROVED

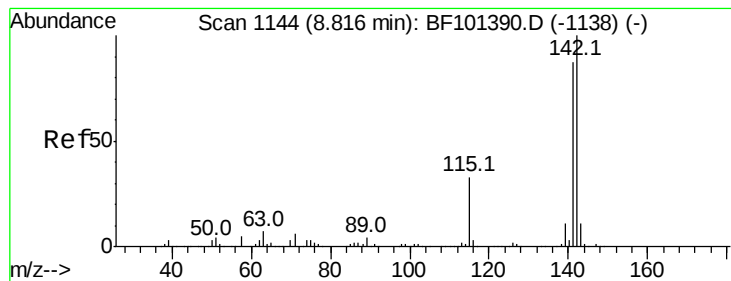
Sohil
 1/4/2018 1:56:14 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.020 ng/ml
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.5	30.7
142	77.9	62.0	93.0





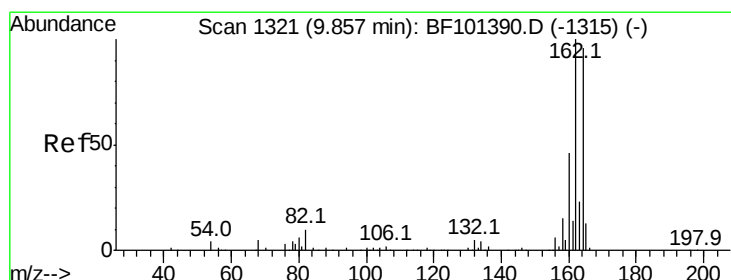
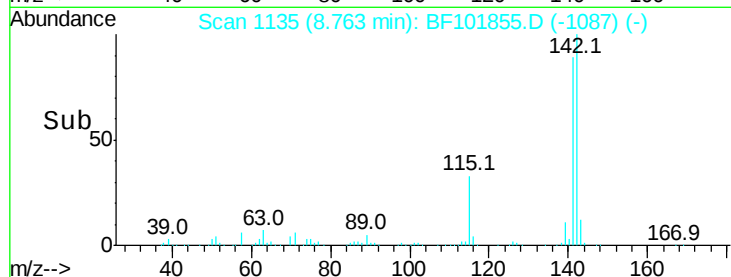
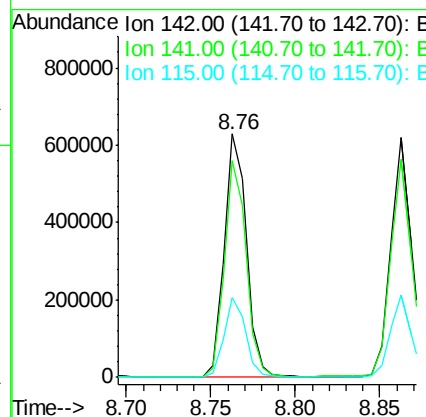
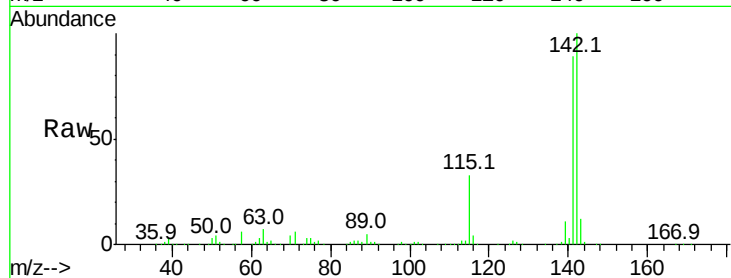
#37
2-Methylnaphthalene
Concen: 38.608 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.0	26.1	39.1

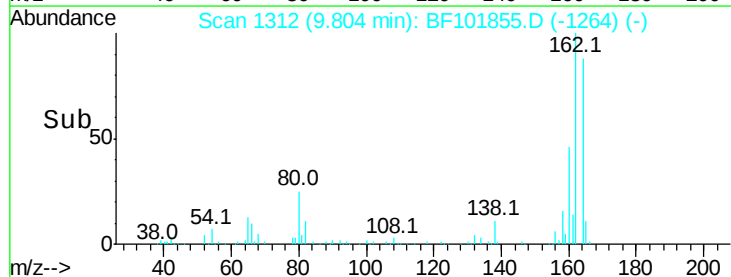
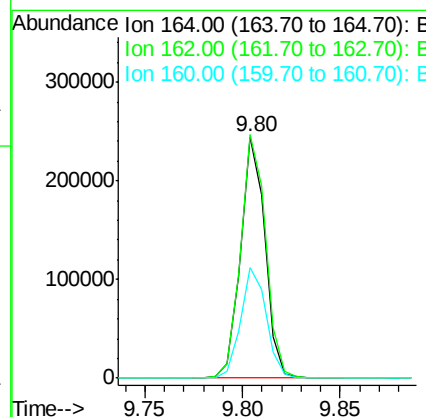
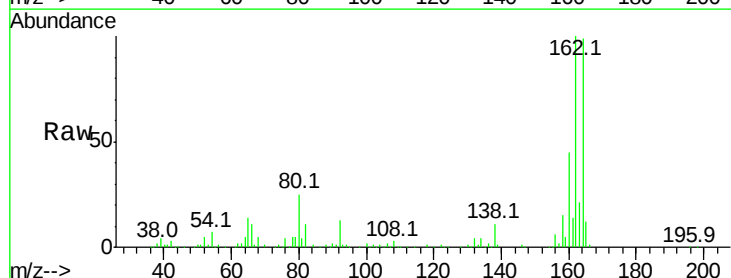
Manual Integrations
APPROVED

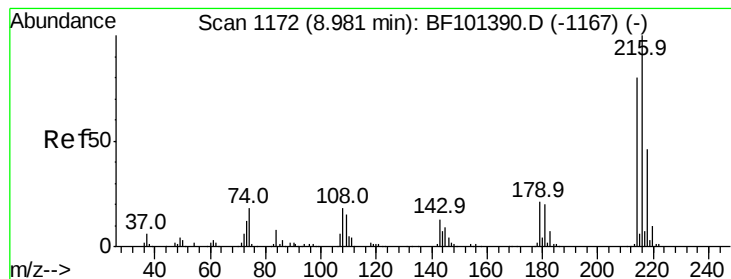
Sohil
1/4/2018 1:56:14 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.356 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

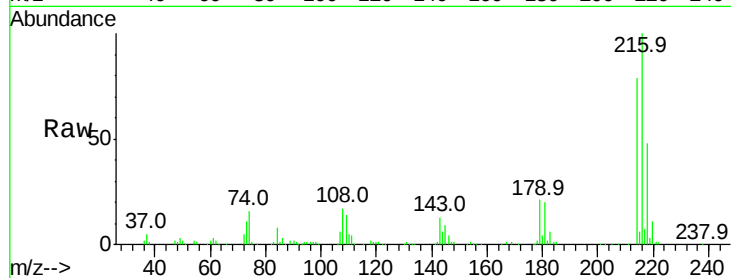
ClientSampleId :

SSTDCCC040

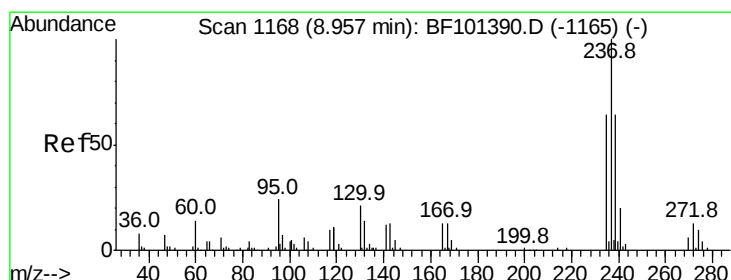
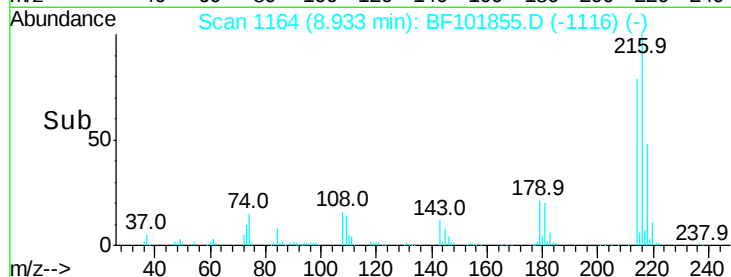
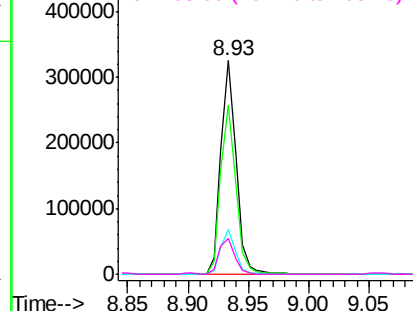
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.4	18.1	27.1
108	18.1	17.2	25.8

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.706 ng

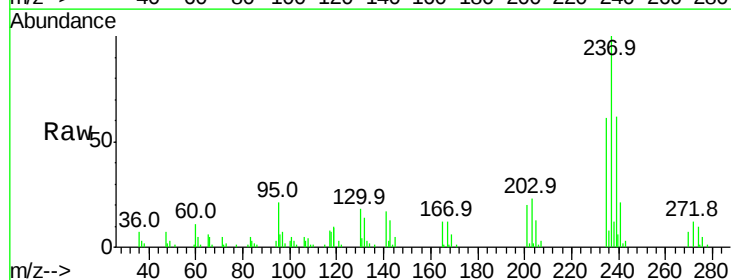
RT: 8.90 min Scan# 1159

Delta R.T. -0.02 min

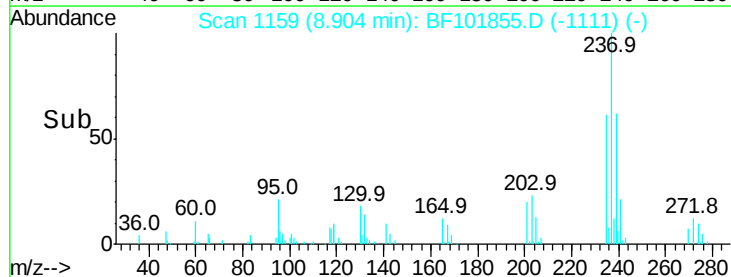
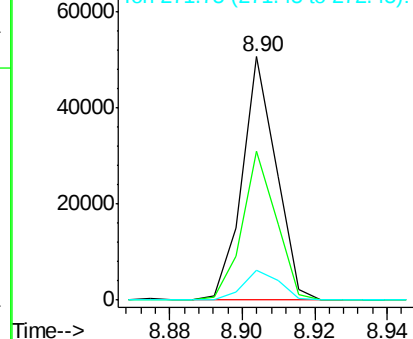
Lab File: BF101855.D

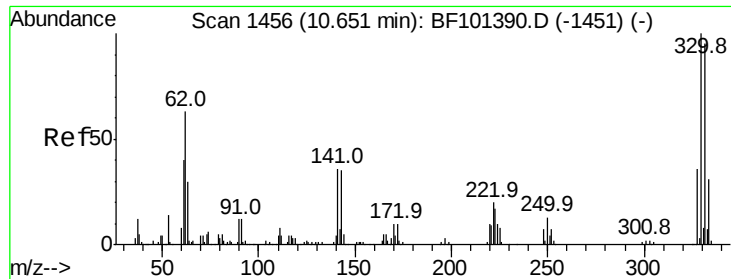
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.4	44.8	84.8
272	12.2	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





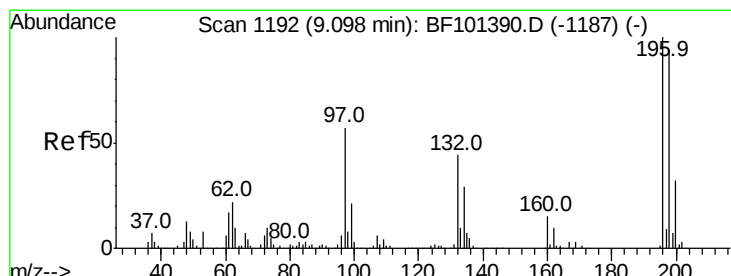
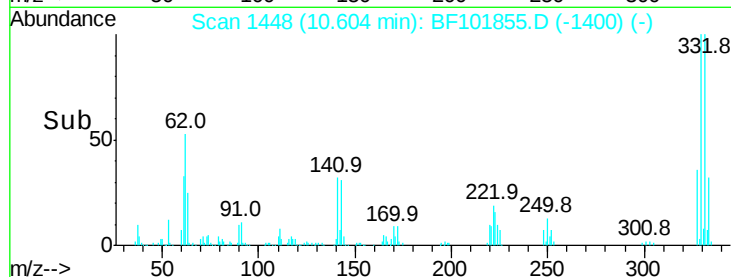
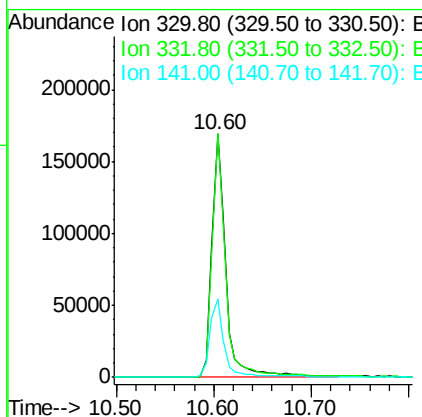
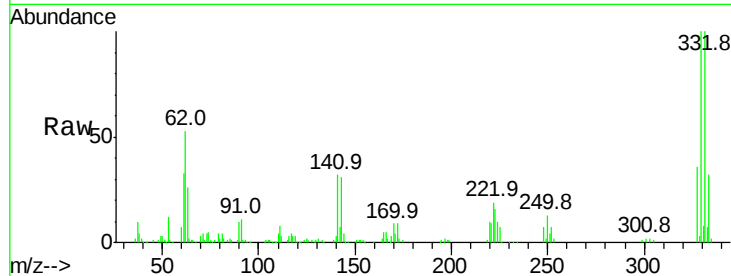
#41
 2,4,6-Tribromophenol
 Concen: 83.399 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	32.4	29.9	44.9

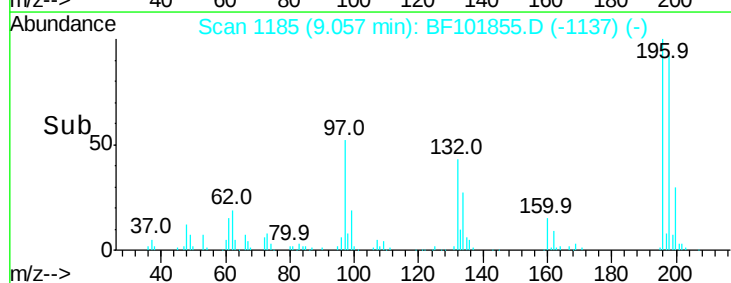
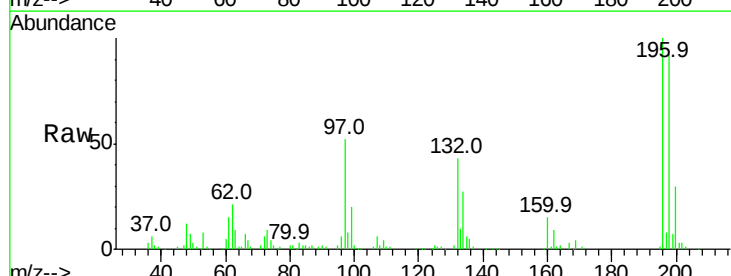
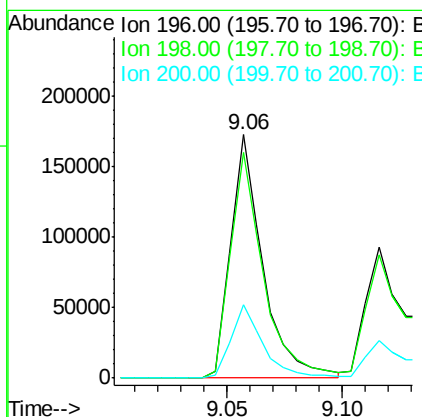
Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:14 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.120 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.7	113.5
200	30.0	24.5	36.7





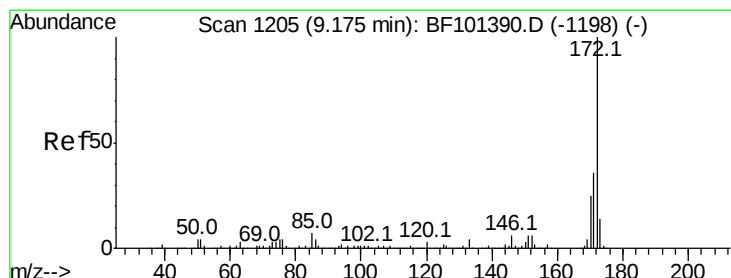
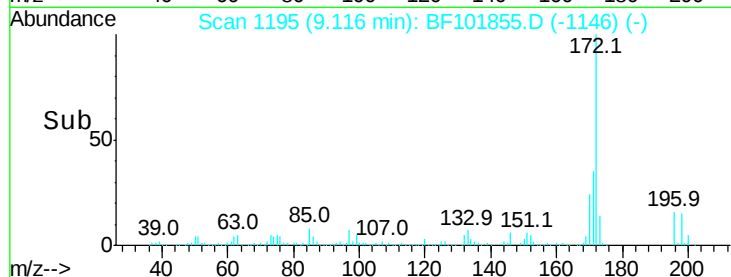
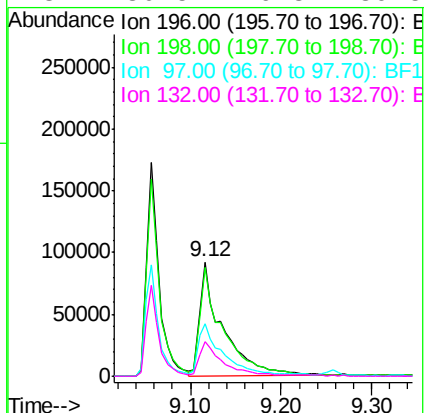
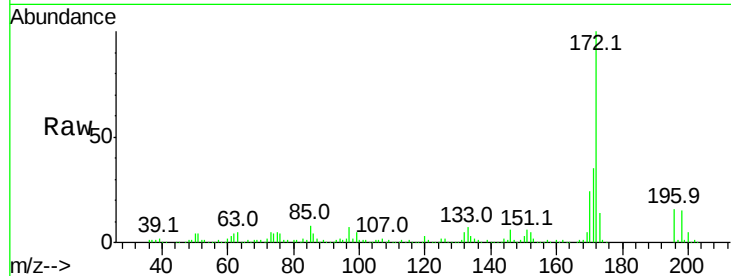
#43
 2,4,5-Trichlorophenol
 Concen: 34.316 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	196	Resp	161184
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.6	112.0
97	46.3	42.9	64.3
132	30.5	26.3	39.5

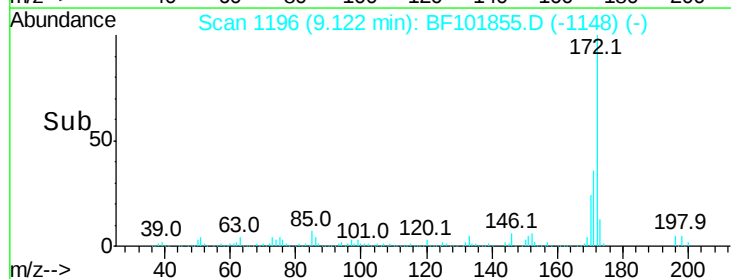
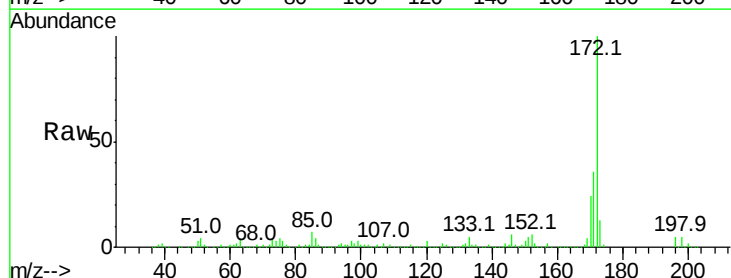
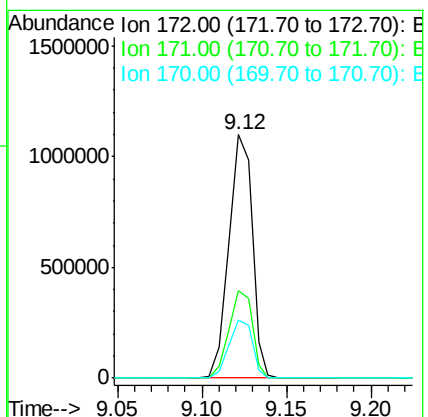
Manual Integrations
 APPROVED

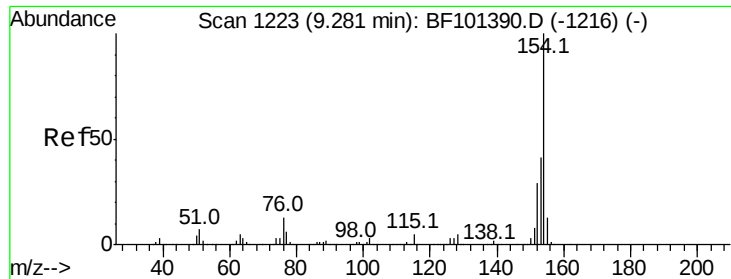
Sohil
 1/4/2018 1:56:14 PM



#44
 2-Fluorobiphenyl
 Concen: 77.762 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	172	Resp	1057977
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.516 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

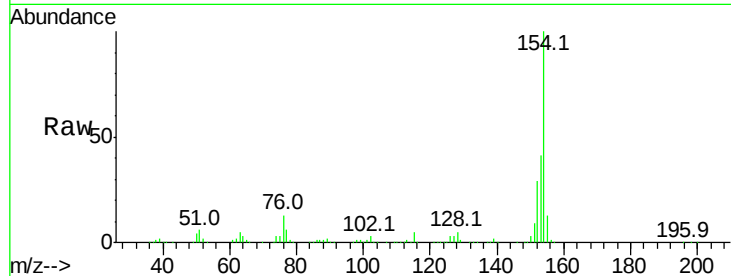
ClientSampleId :

SSTDCCC040

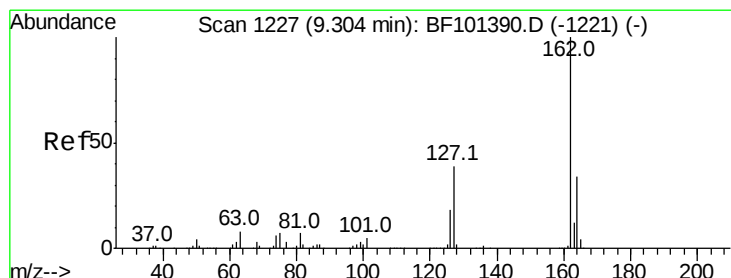
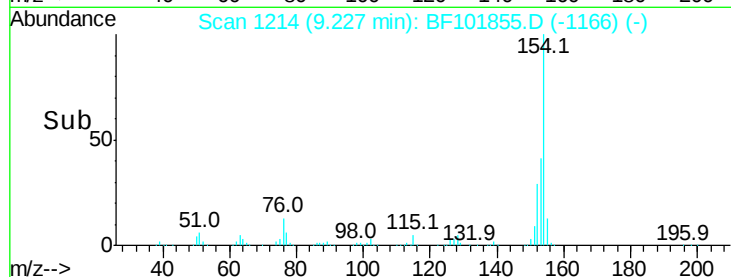
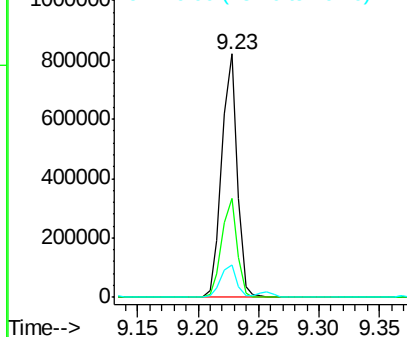
Tot Ion:	154	Resp:	720905
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	13.3	0.0	34.0

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



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



#46

2-Chloronaphthalene

Concen: 37.900 ng

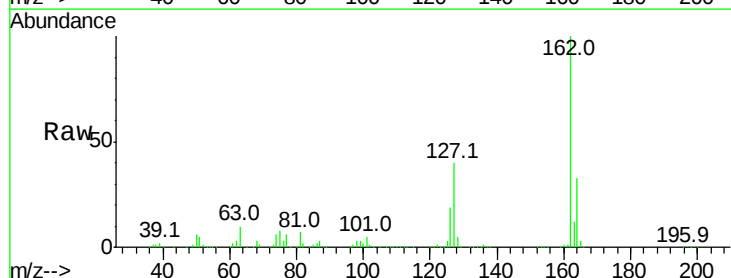
RT: 9.26 min Scan# 1219

Delta R.T. -0.02 min

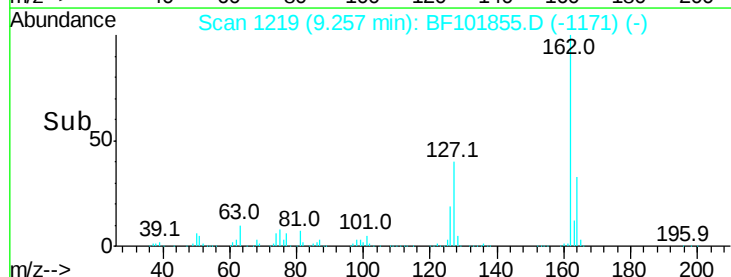
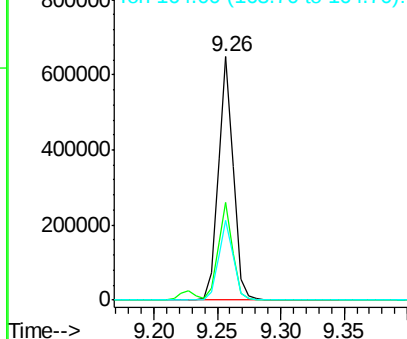
Lab File: BF101855.D

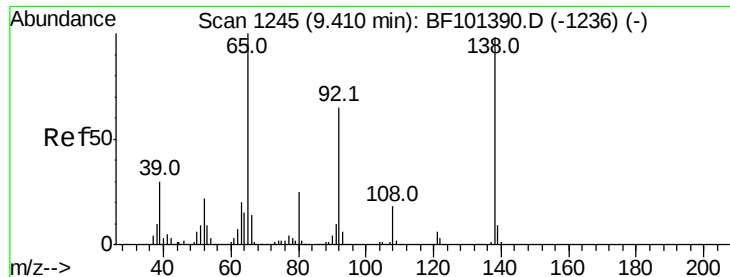
Acq: 3 Jan 2018 12:59

Tgt Ion:	162	Resp:	542782
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	32.7	26.5	39.7



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





#47

2-Nitroaniline

Concen: 40.173 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

ClientSampleId :

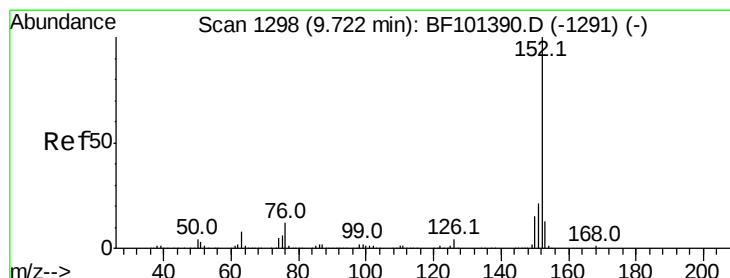
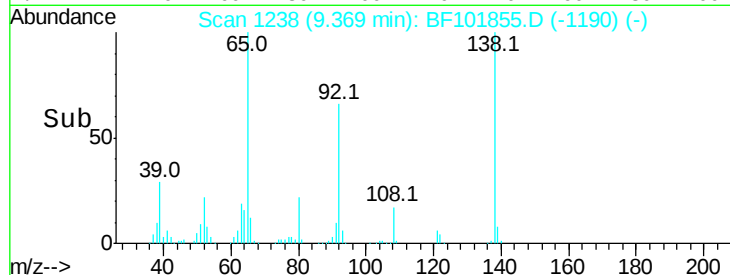
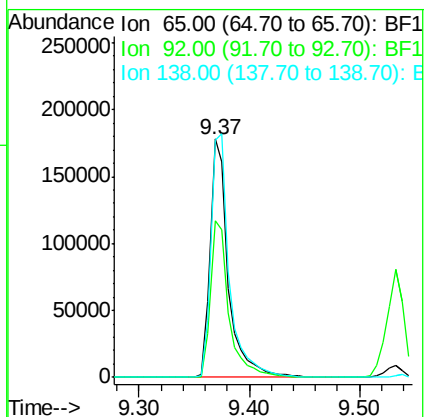
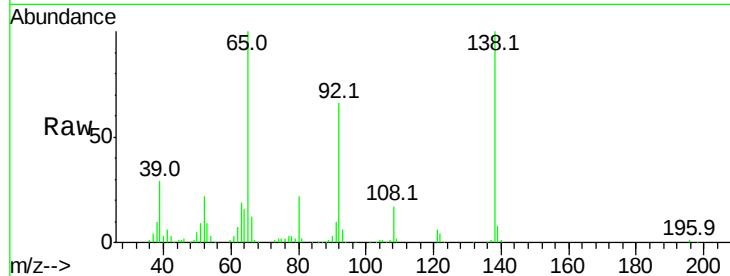
SSTDCCC040

Tot Ion: 65 Resp: 198752
Ion Ratio Lower Upper

65	100		
92	65.8	55.8	83.6
138	99.8	91.2	136.8

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#48

Acenaphthylene

Concen: 37.894 ng

RT: 9.67 min Scan# 1289

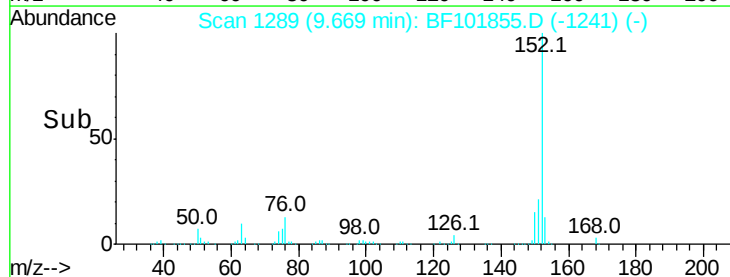
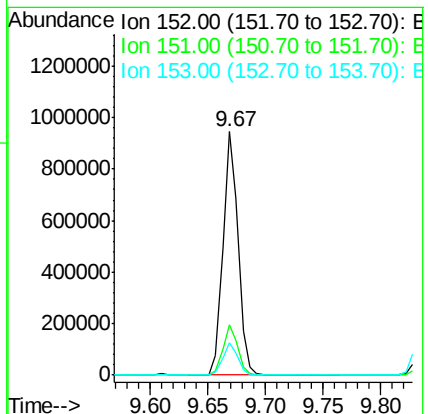
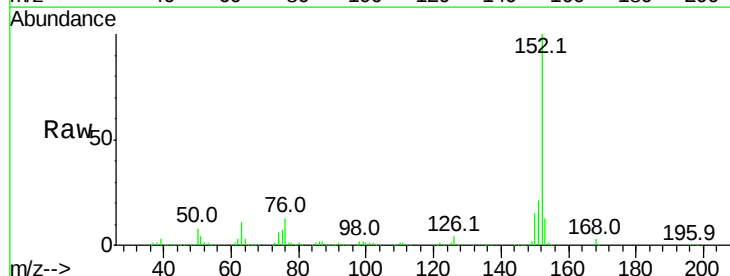
Delta R.T. -0.02 min

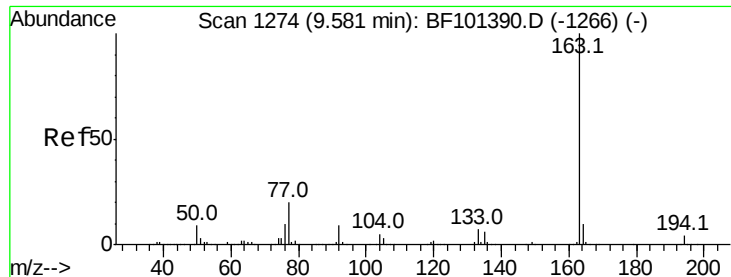
Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion: 152 Resp: 857177
Ion Ratio Lower Upper

152	100		
151	20.6	16.3	24.5
153	13.1	10.7	16.1





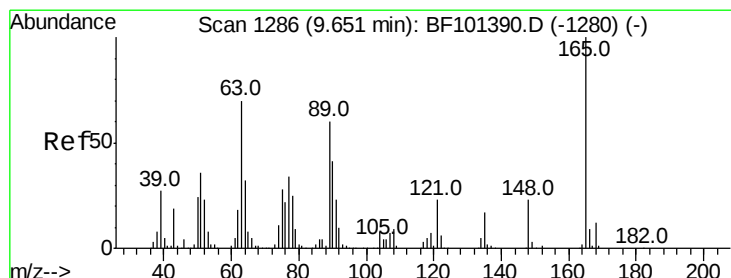
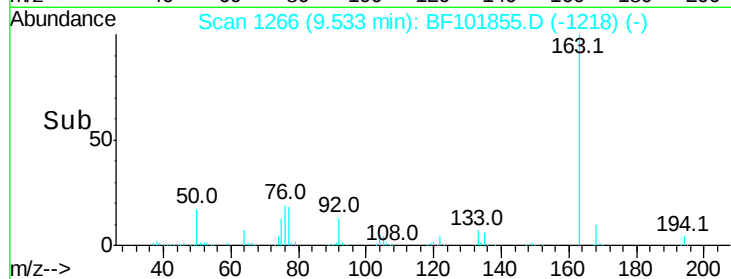
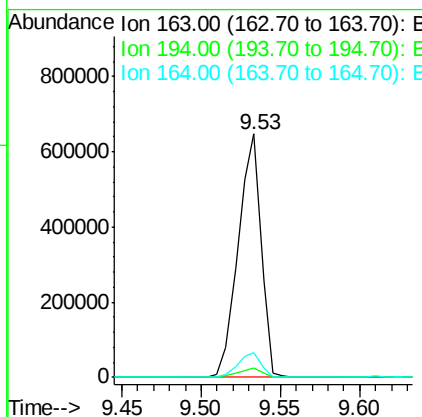
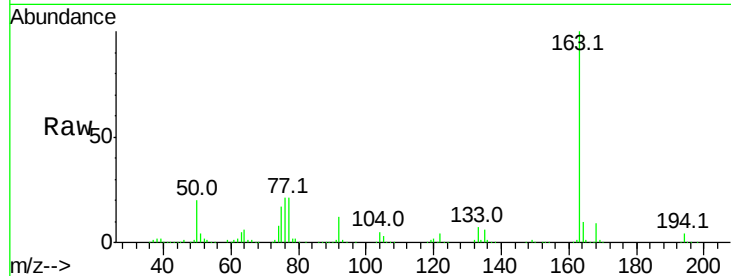
#49
 Dimethylphthalate
 Concen: 37.983 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	644813		
194	3.8	2.7	4.1	
164	10.1	8.2	12.2	

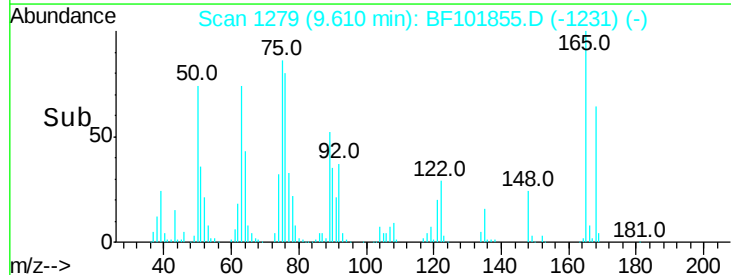
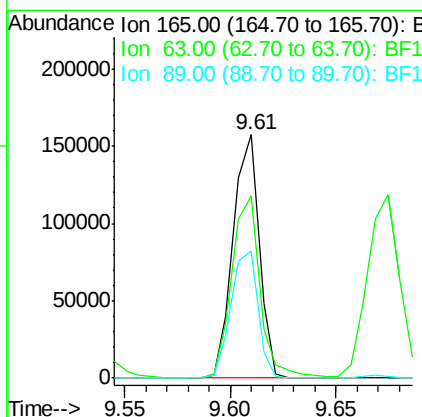
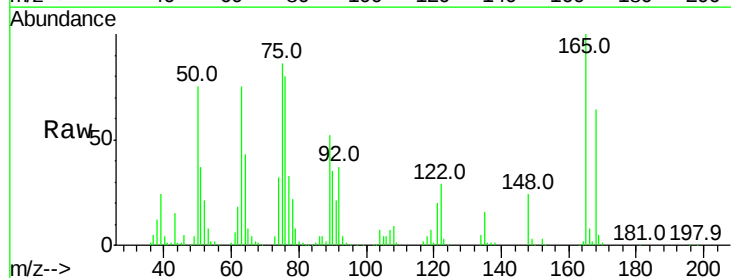
Manual Integrations
 APPROVED

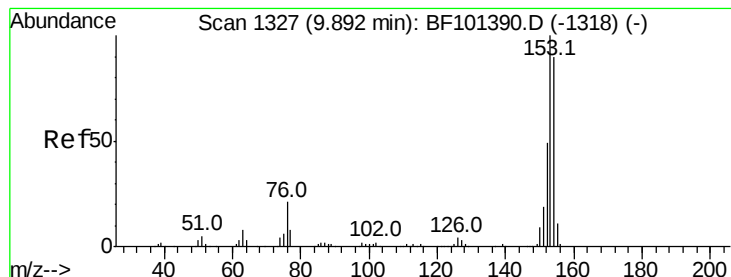
Sohil
 1/4/2018 1:56:14 PM



#50
 2,6-Dinitrotoluene
 Concen: 39.035 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134682		
63	74.7	44.7	67.1#	
89	52.2	44.0	66.0	





#51

Acenaphthene

Concen: 37.852 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

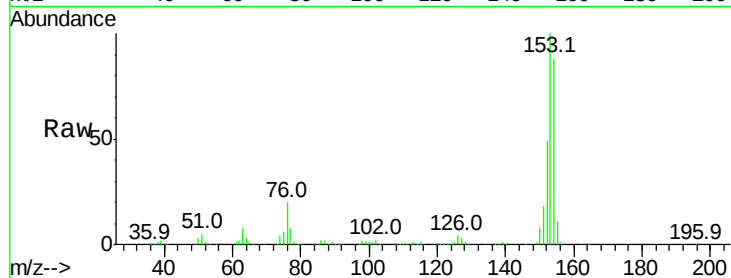
ClientSampleId :

SSTDCCC040

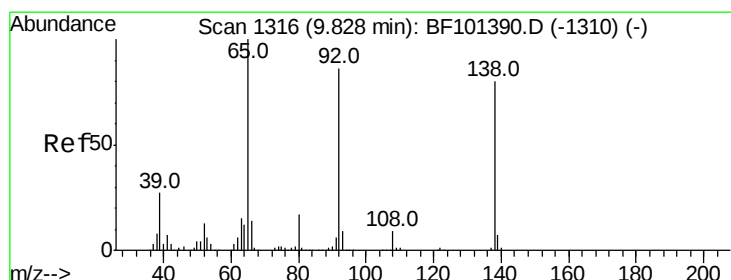
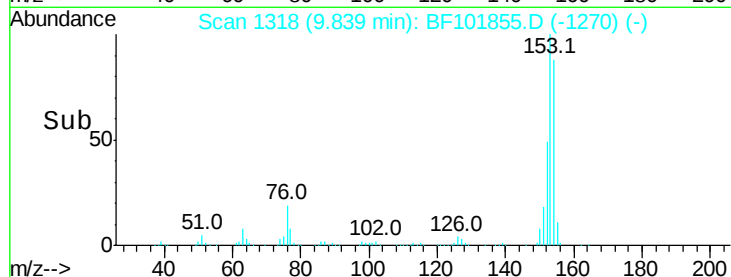
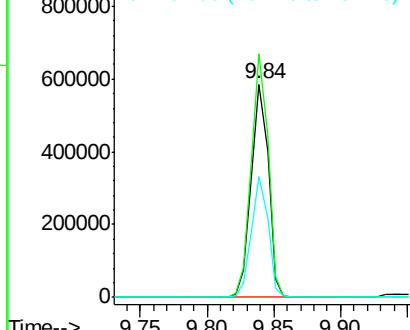
Tot Ion:	154	Resp:	514419
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	56.3	43.8	65.8

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



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



#52

3-Nitroaniline

Concen: 41.077 ng

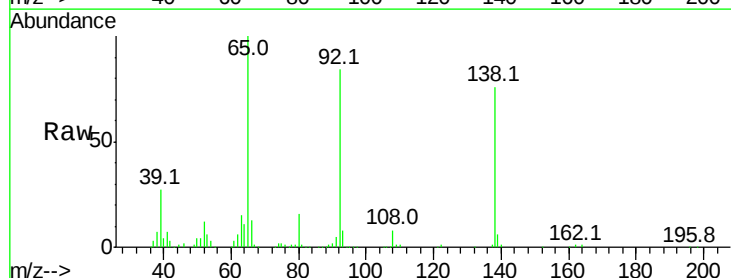
RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

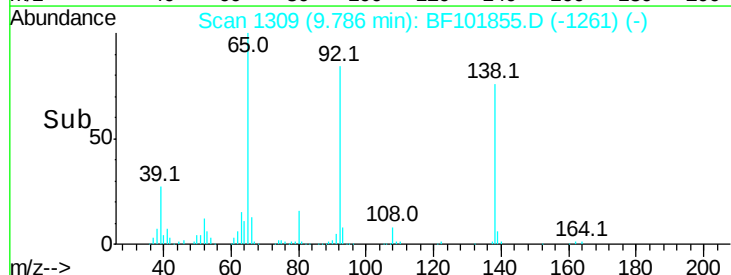
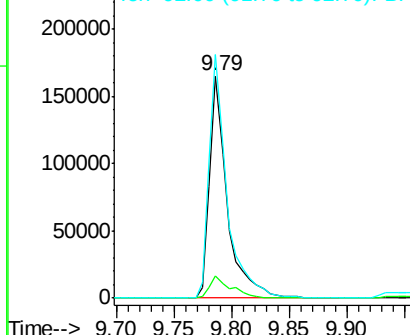
Lab File: BF101855.D

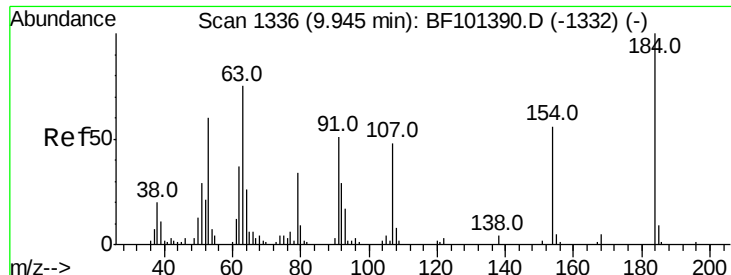
Acq: 3 Jan 2018 12:59

Tgt Ion:	138	Resp:	176701
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	109.7	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





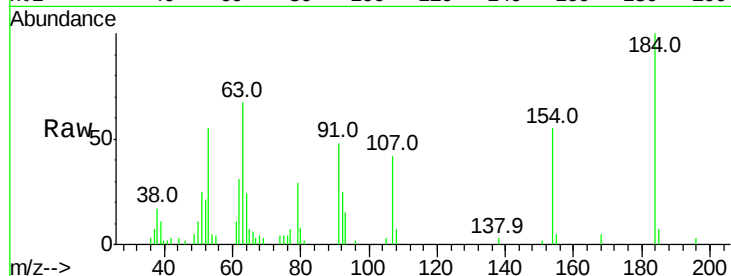
#53
2,4-Dinitrophenol
Concen: 51.171 ng/mL
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

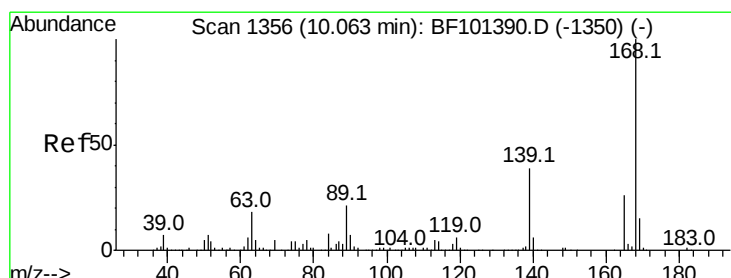
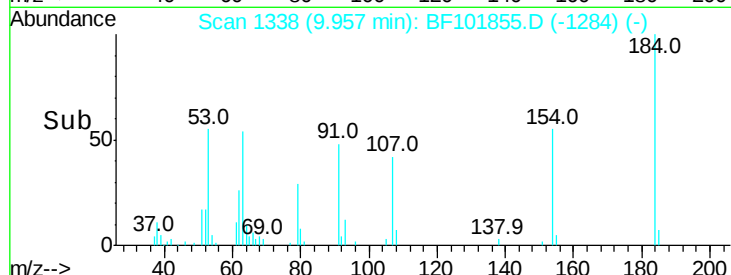
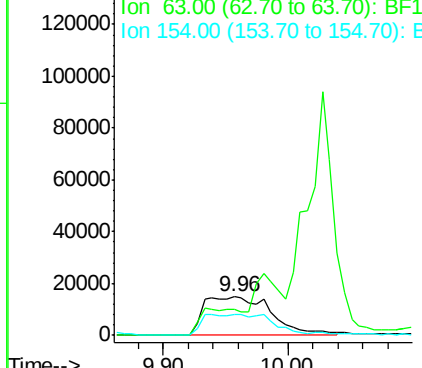
Tot Ion	Ratio	Lower	Upper
184	100		
63	66.7	54.2	81.2
154	54.7	184.0	276.0#

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM

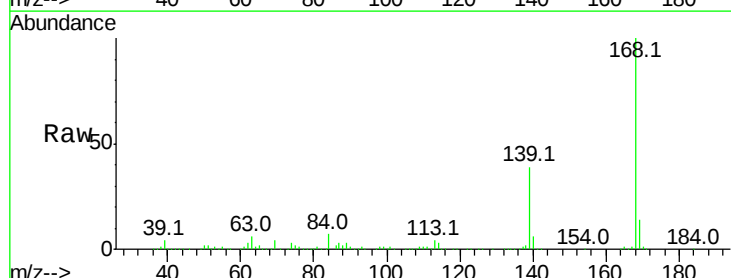


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

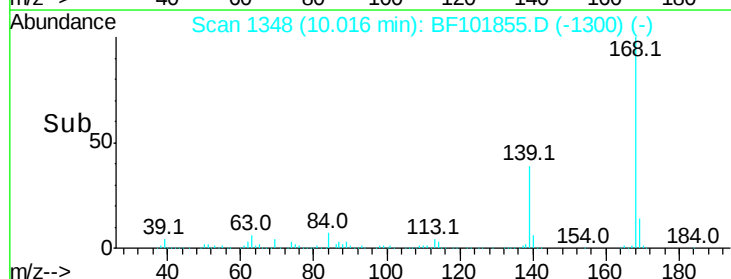
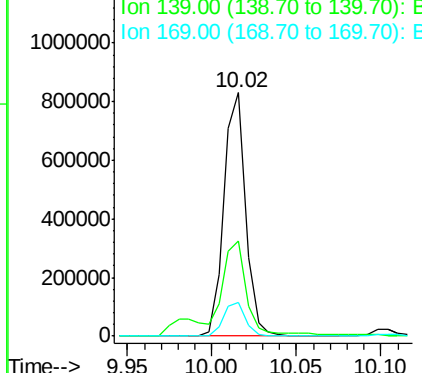


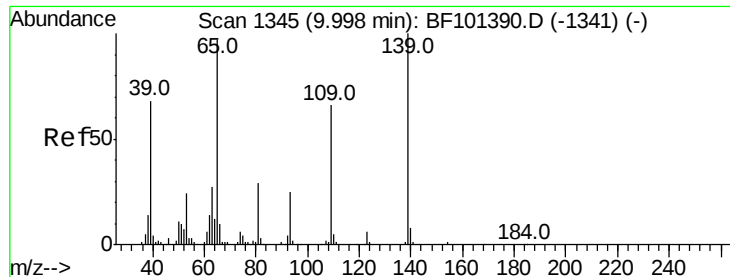
#54
Dibenzofuran
Concen: 42.748 ng/mL
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	14.1	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 44.878 ng m

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 84179

Ion Ratio Lower Upper

139 100

109 62.4 48.4 88.4

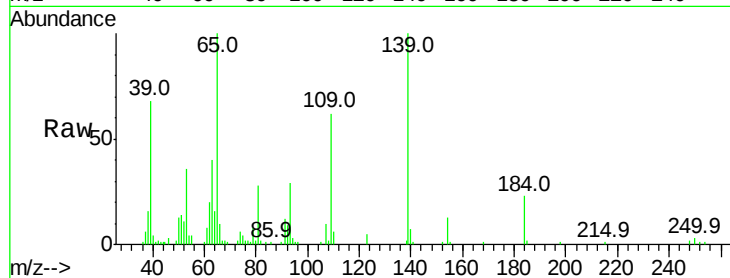
65 100.0 72.6 112.6

Manual Integrations

APPROVED

Sohil

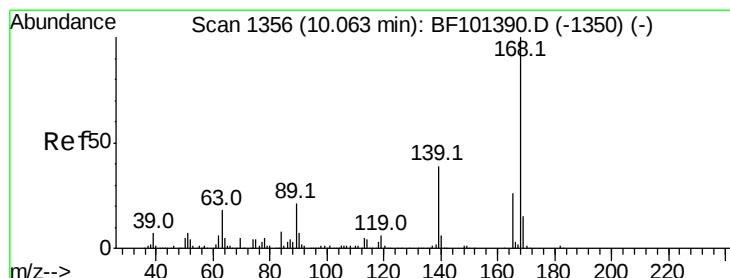
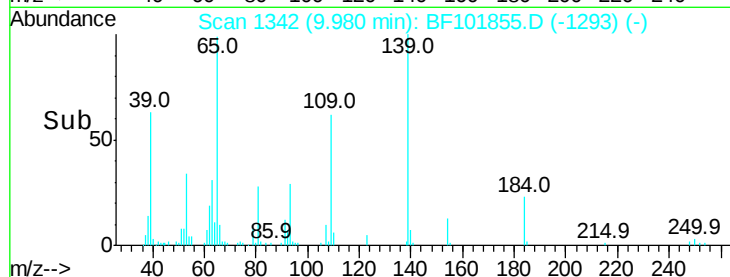
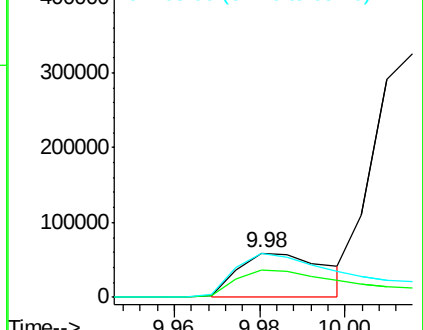
1/4/2018 1:56:14 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 49.847 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion:165 Resp: 193772

Ion Ratio Lower Upper

165 100

63 49.9 36.4 54.6

89 71.5 57.8 86.6

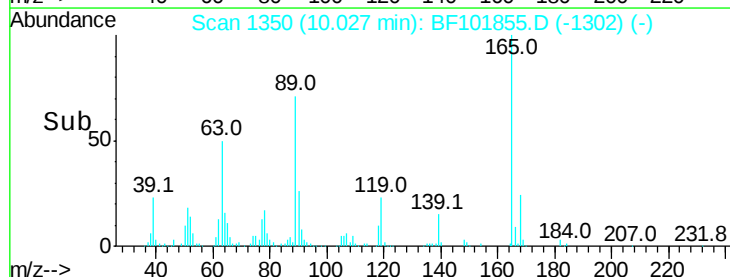
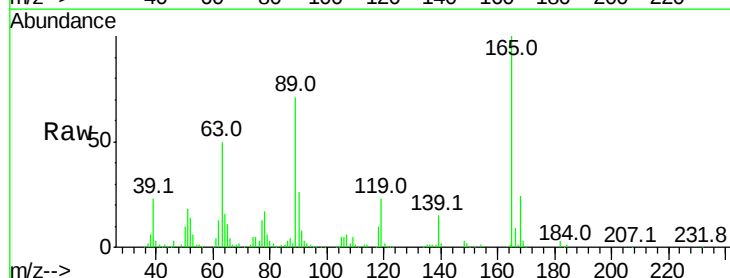
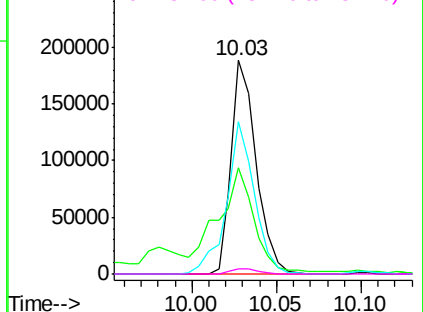
182 2.6 1.6 2.4#

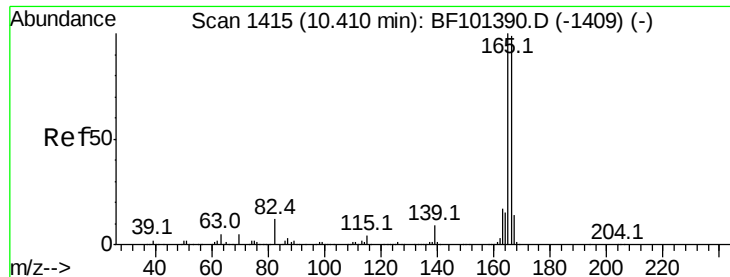
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.999 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

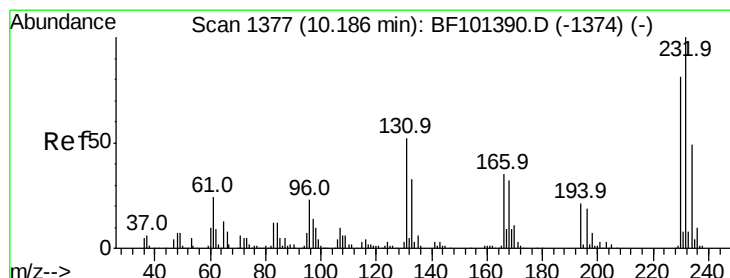
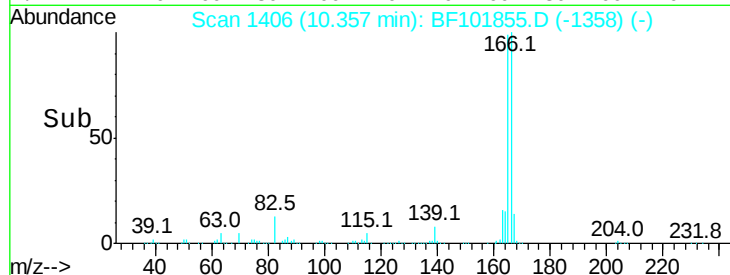
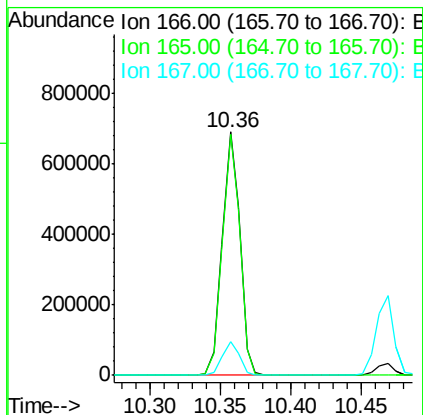
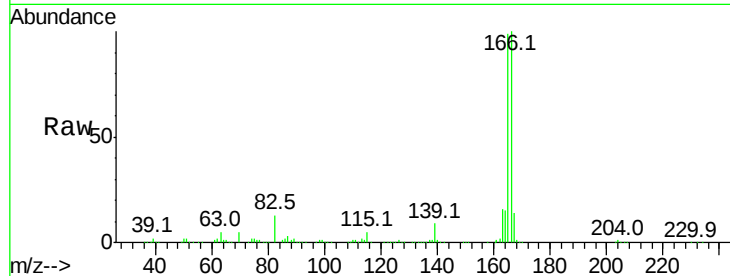
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	599004
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.7	10.6	16.0

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.427 ng

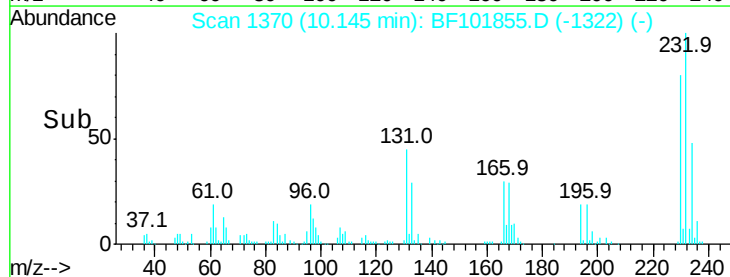
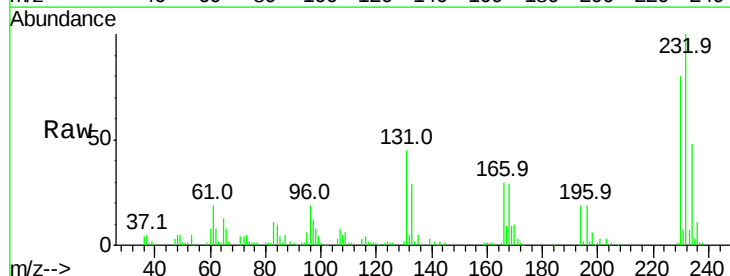
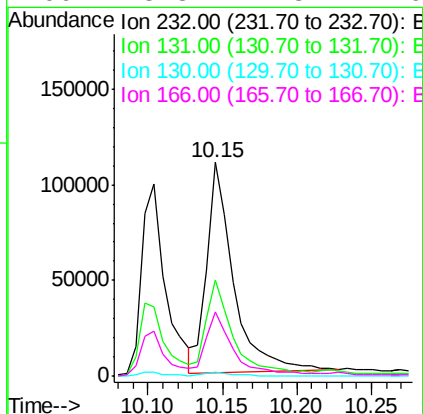
RT: 10.15 min Scan# 1370

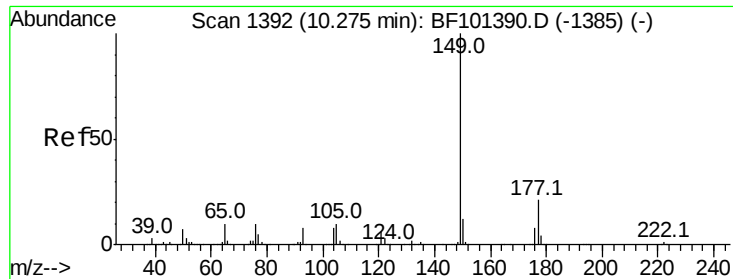
Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion:	232	Resp:	136429
Ion Ratio	Lower	Upper	
232	100		
131	46.1	43.8	65.8
130	1.9	2.1	3.1#
166	28.3	27.8	41.6





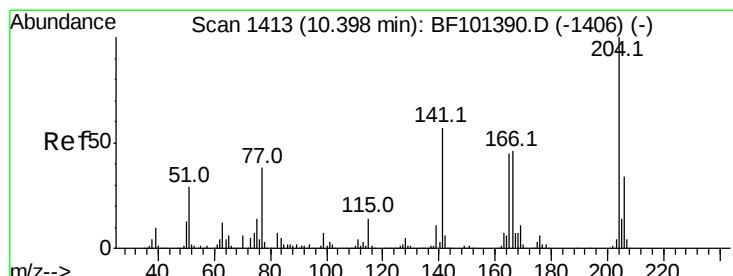
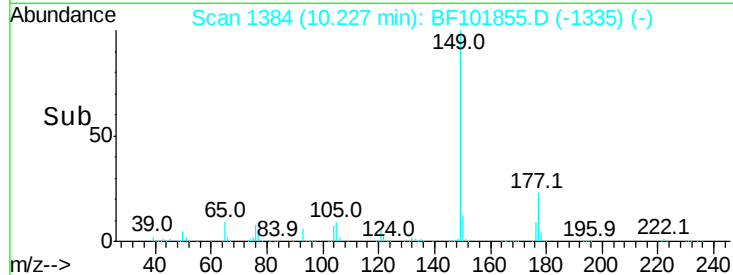
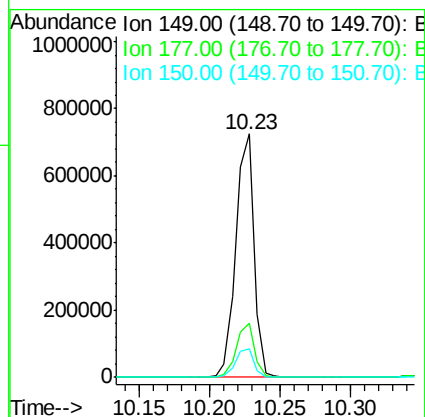
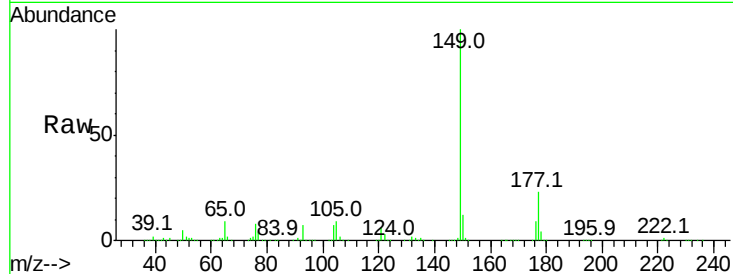
#59
Diethylphthalate
Concen: 38.822 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	652644		
177	22.5	16.1	24.1	
150	11.9	10.1	15.1	

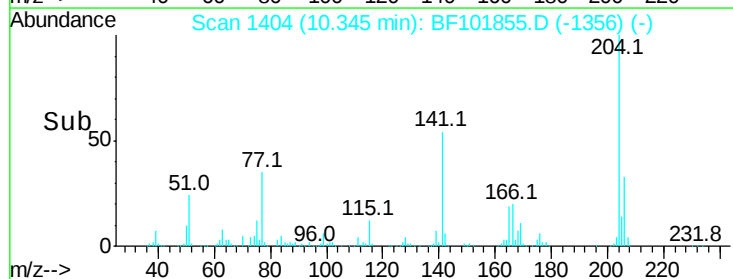
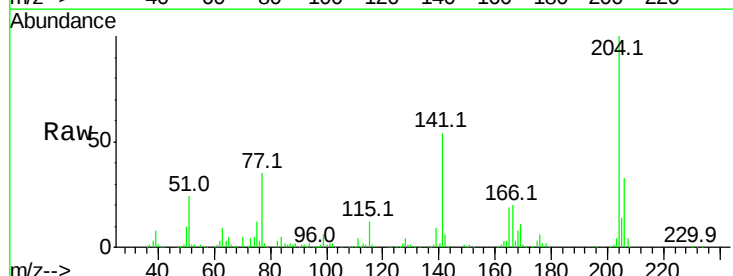
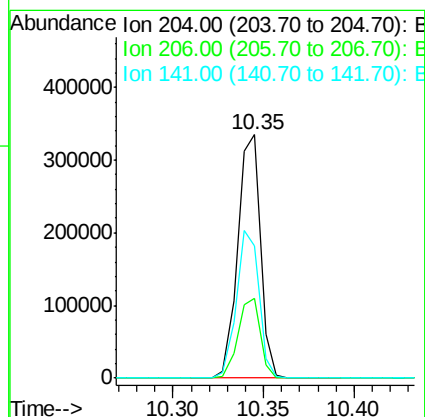
Manual Integrations
APPROVED

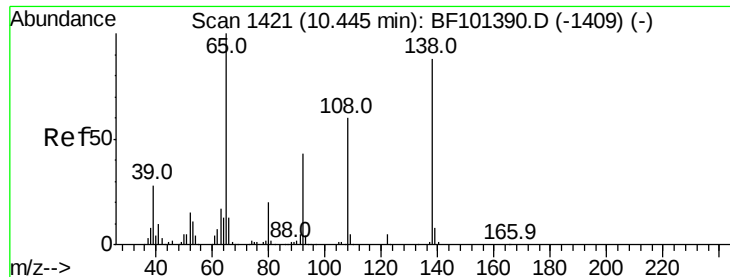
Sohil
1/4/2018 1:56:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.860 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	293114		
206	32.9	26.5	39.7	
141	54.2	54.6	81.8#	





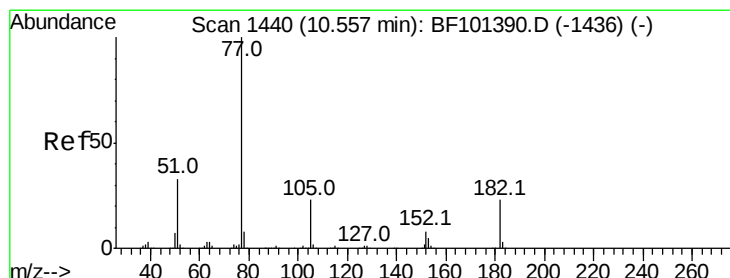
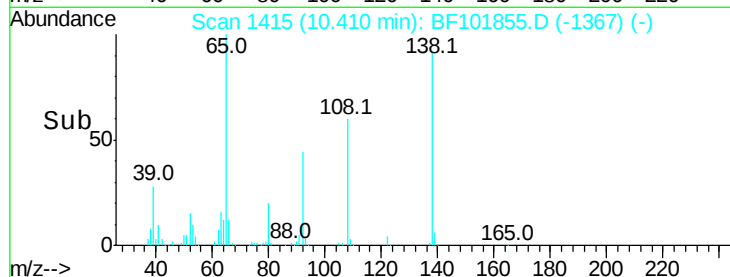
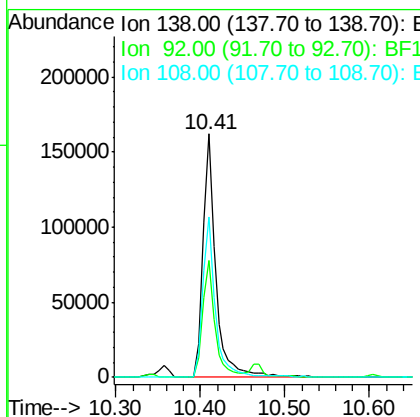
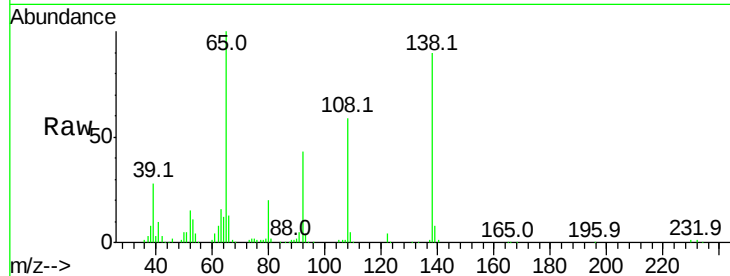
#61
4-Nitroaniline
Concen: 39.579 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.8	30.2	70.2
108	65.6	52.5	92.5

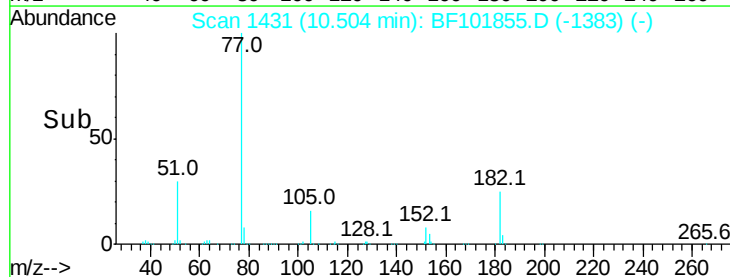
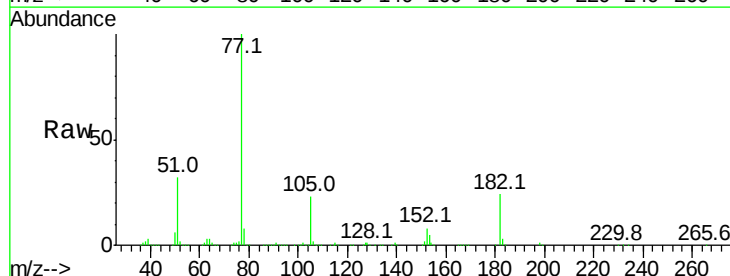
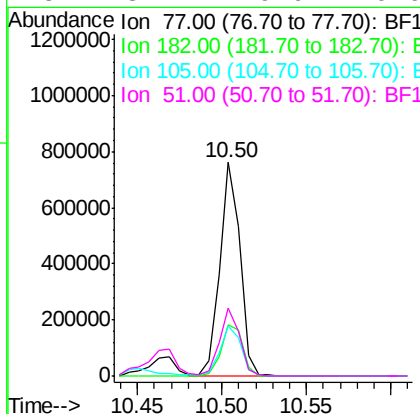
Manual Integrations
APPROVED

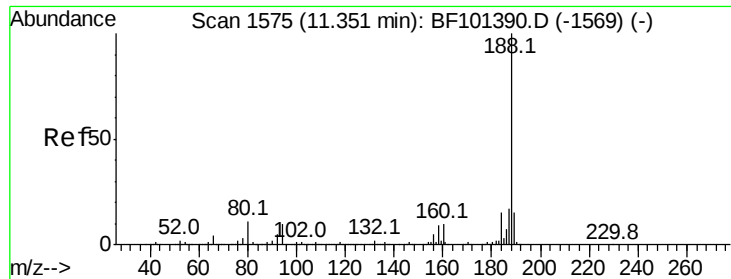
Sohil
1/4/2018 1:56:14 PM



#62
Azobenzene
Concen: 36.473 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	1.7	41.7
105	23.5	3.0	43.0
51	31.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

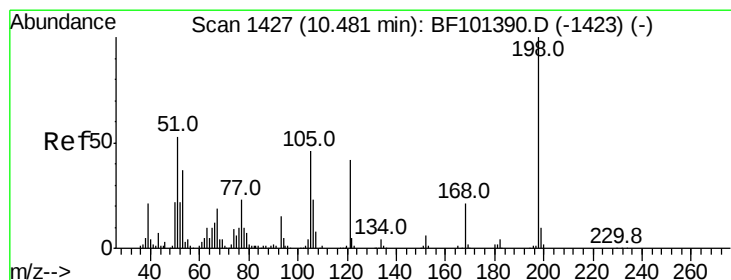
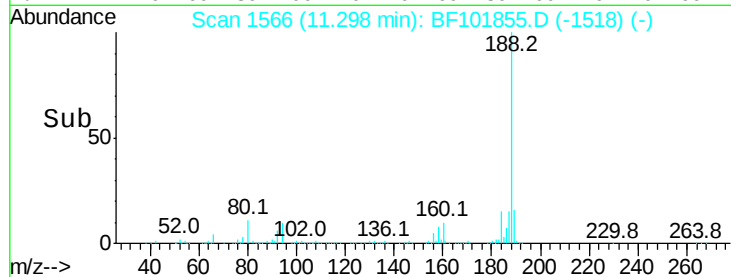
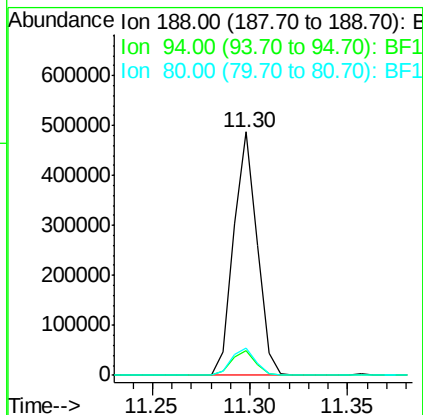
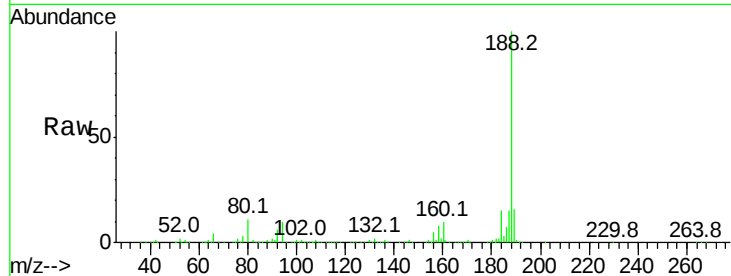
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	405834
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 44.579 ng

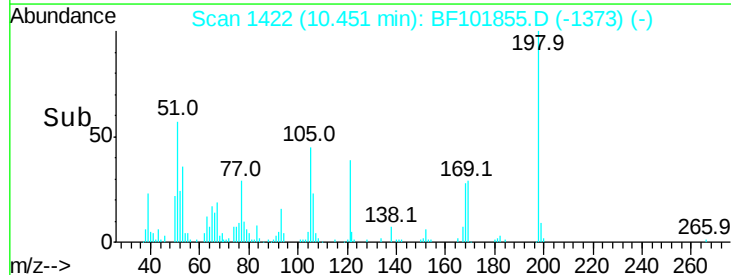
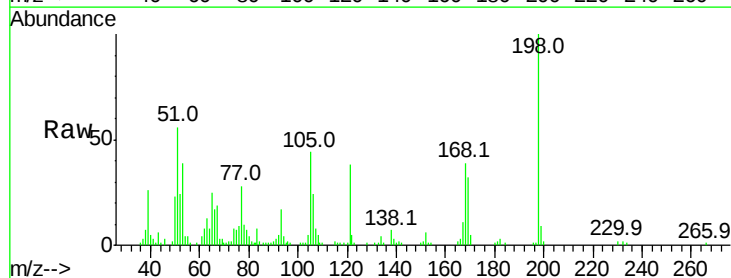
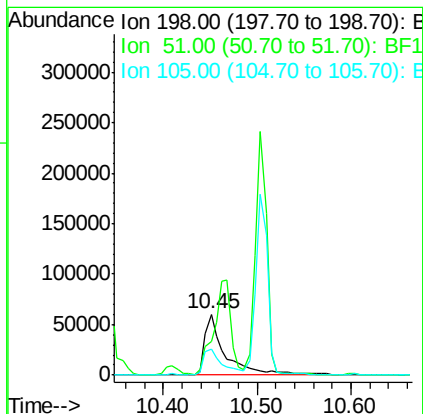
RT: 10.45 min Scan# 1422

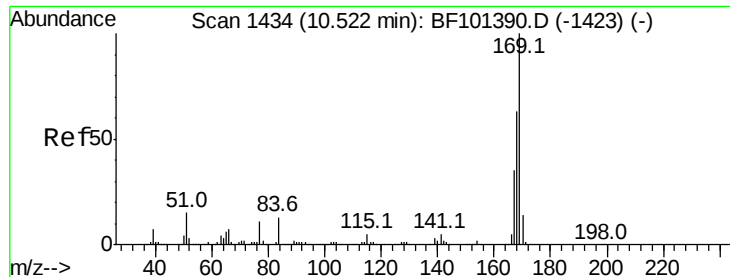
Delta R.T. -0.01 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion:	198	Resp:	92324
Ion Ratio	Lower	Upper	
198	100		
51	56.3	37.7	77.7
105	43.7	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.388 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 560265

Ion Ratio Lower Upper

169 100

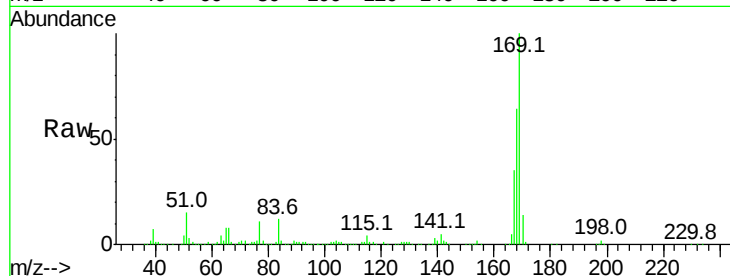
168 63.8 54.4 81.6

167 35.0 29.8 44.6

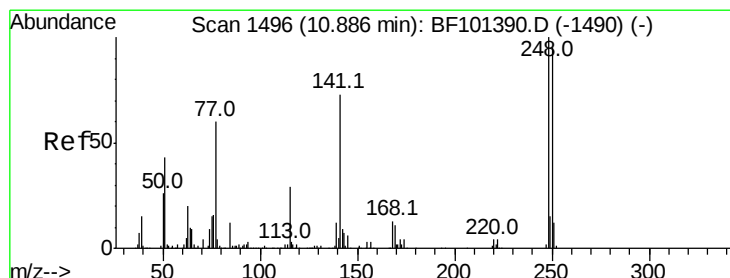
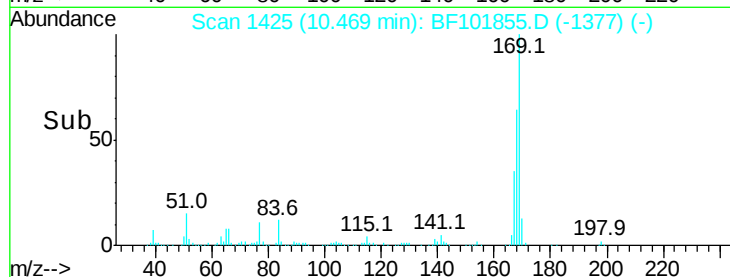
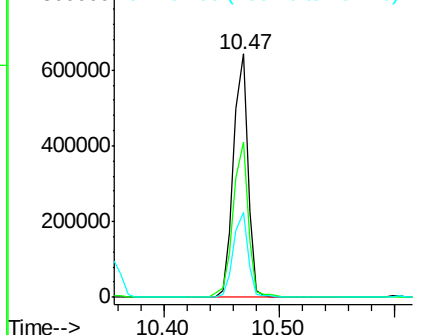
Manual Integrations
APPROVED

Sohil

1/4/2018 1:56:14 PM



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



#66

4-Bromophenyl-phenylether

Concen: 39.551 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

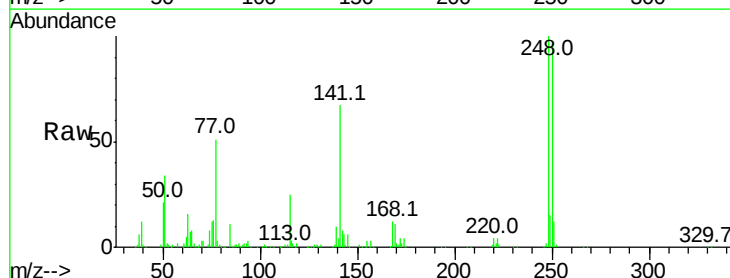
Tgt Ion:248 Resp: 180356

Ion Ratio Lower Upper

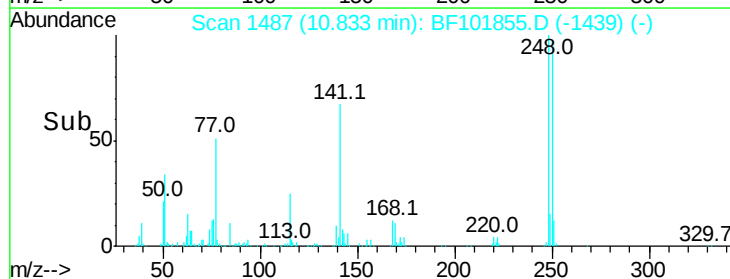
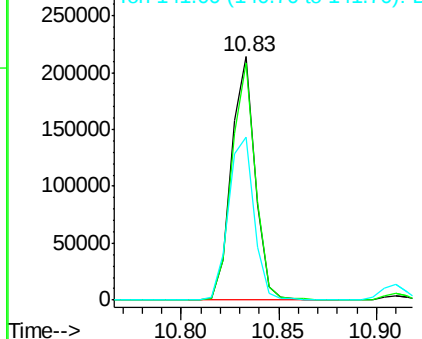
248 100

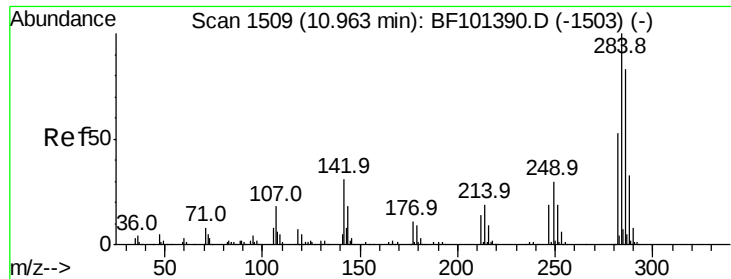
250 97.3 76.9 115.3

141 67.1 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 38.965 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

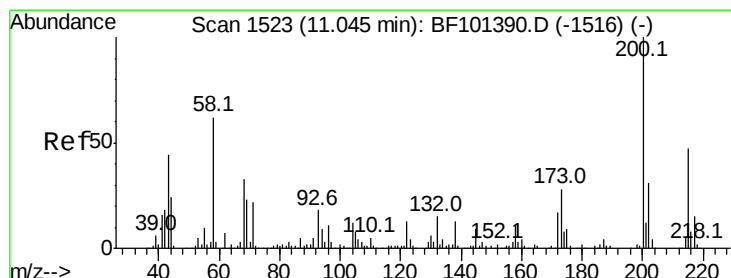
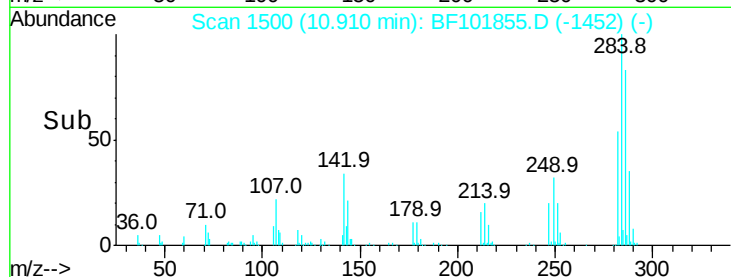
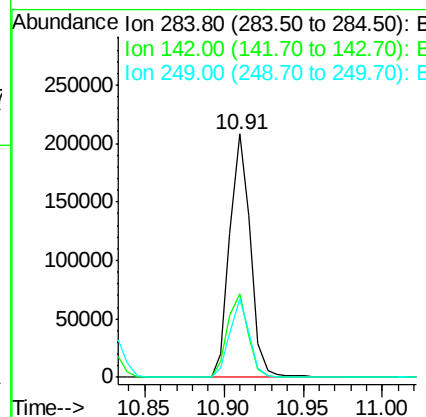
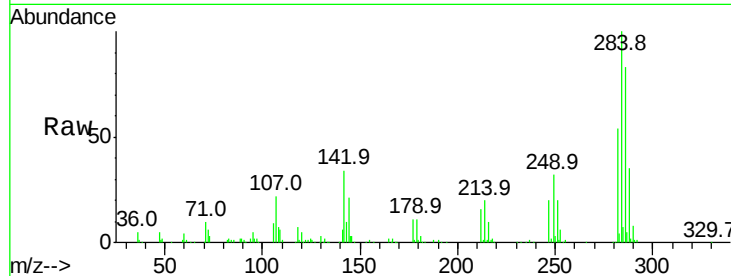
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.4	34.6	52.0#	
249	32.0	24.8	37.2	

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#68

Atrazine

Concen: 36.975 ng

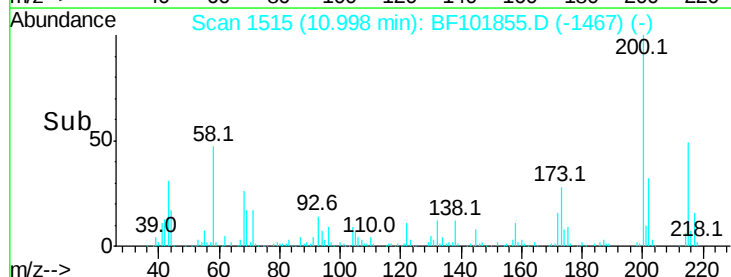
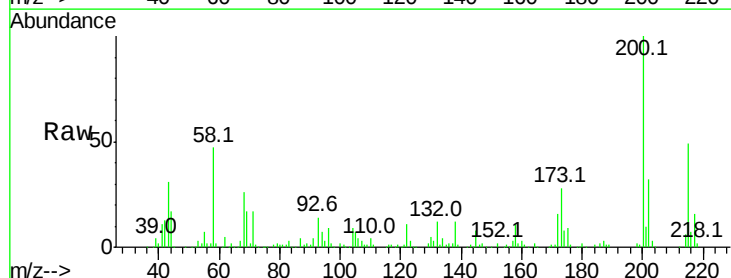
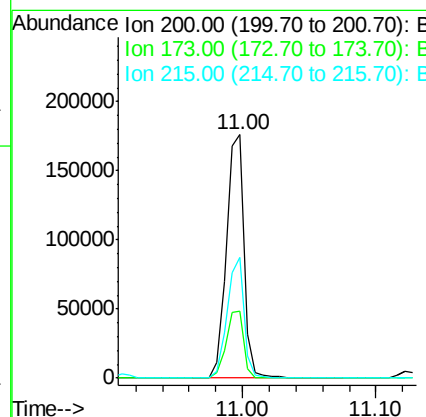
RT: 11.00 min Scan# 1515

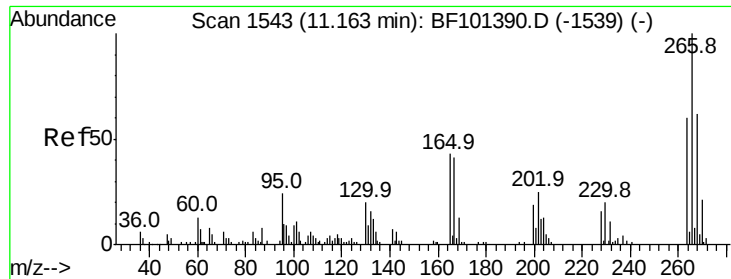
Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.5	8.6	48.6	
215	49.4	25.1	65.1	





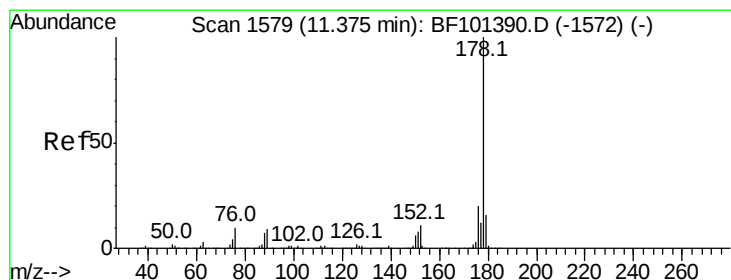
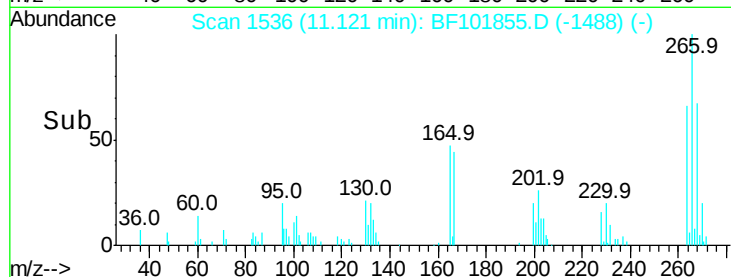
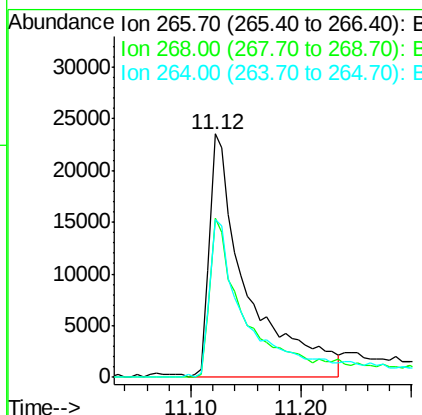
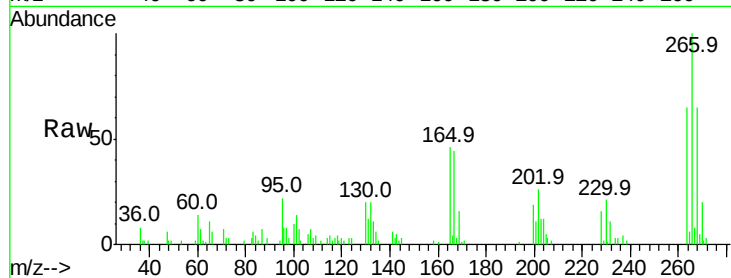
#69
 Pentachlorophenol
 Concen: 33.839 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	64.8	49.5	74.3

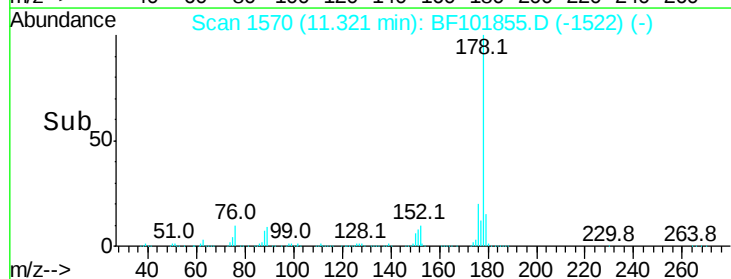
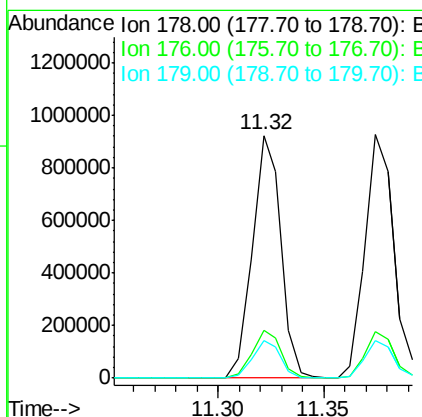
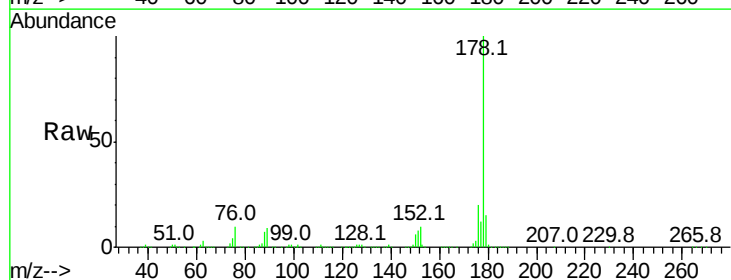
Manual Integrations
 APPROVED

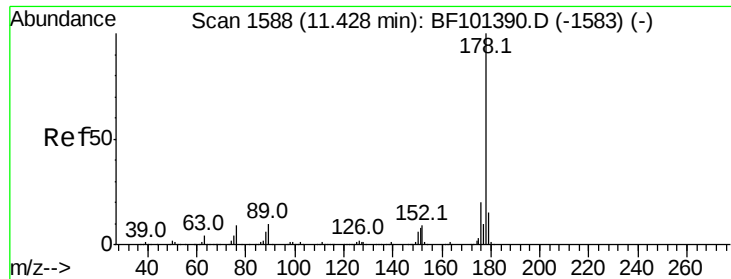
Sohil
 1/4/2018 1:56:14 PM



#70
 Phenanthrene
 Concen: 38.365 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	13.0	19.6





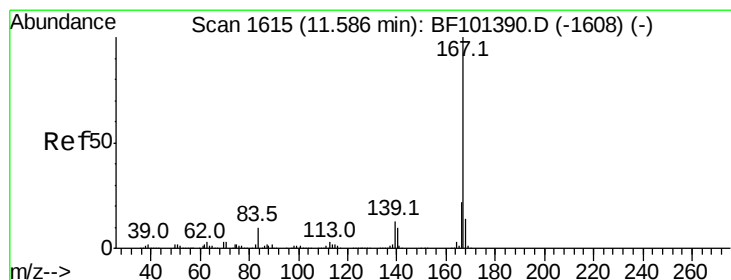
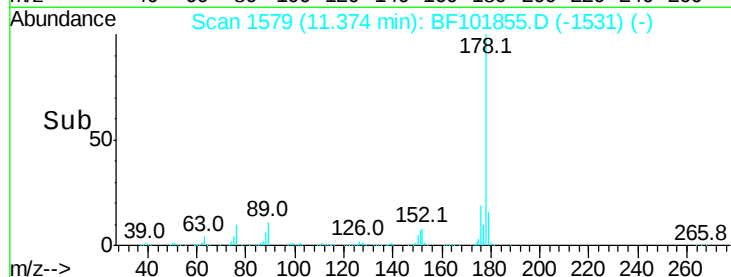
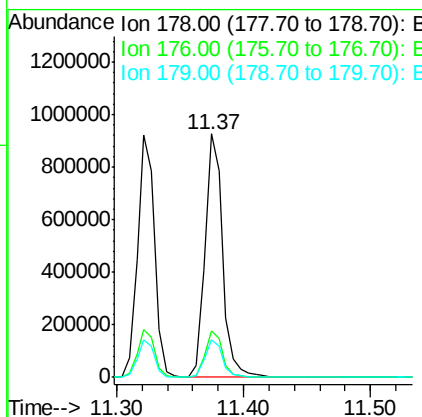
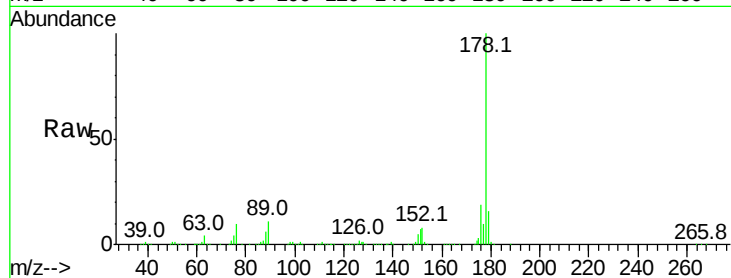
#71
 Anthracene
 Concen: 38.758 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0

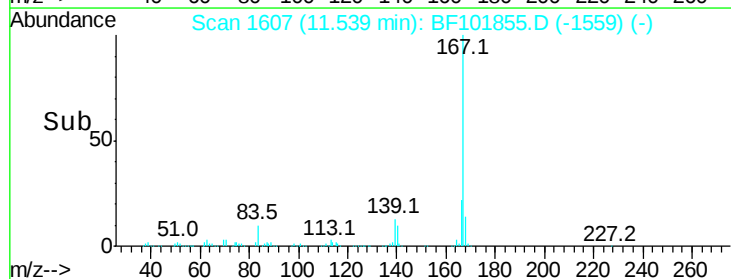
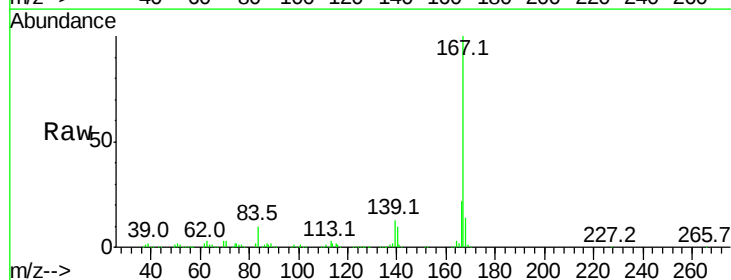
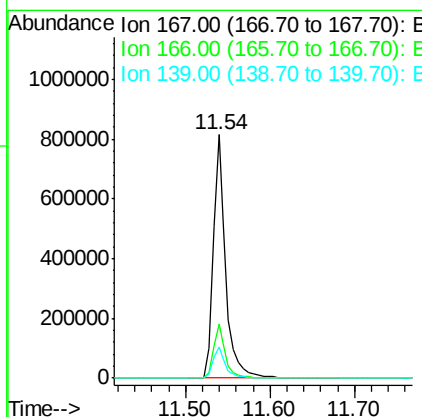
Manual Integrations
 APPROVED

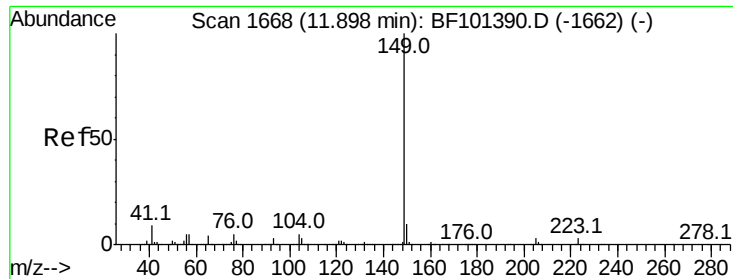
Sohil
 1/4/2018 1:56:14 PM



#72
 Carbazole
 Concen: 39.539 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.473 ng

RT: 11.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1034082

Ion Ratio Lower Upper

149 100

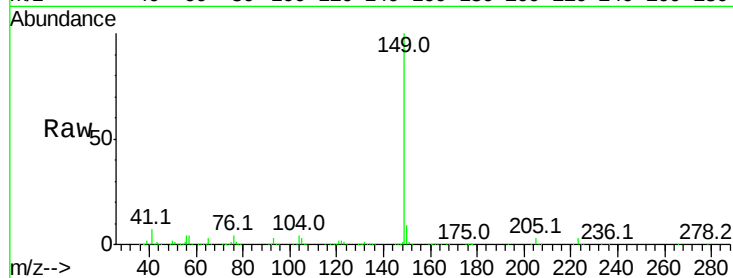
150 9.3 7.8 11.6

104 4.5 3.8 5.8

Manual Integrations
APPROVED

Sohil

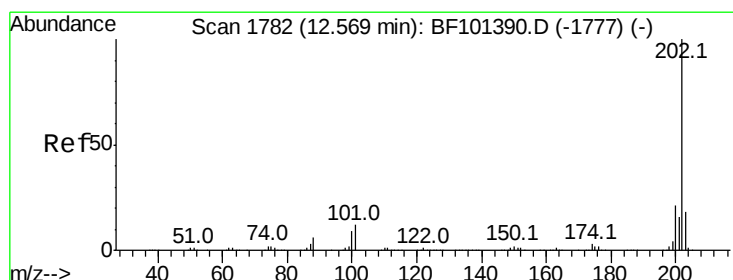
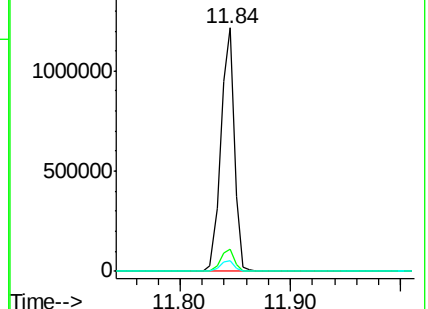
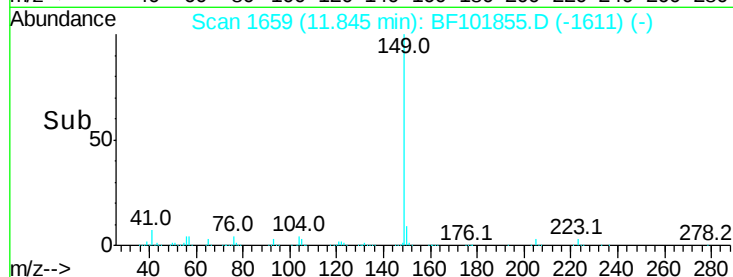
1/4/2018 1:56:14 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.091 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

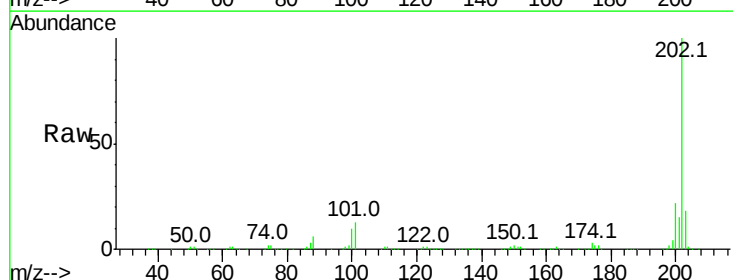
Tgt Ion:202 Resp: 926042

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

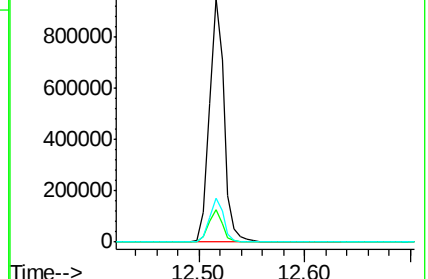
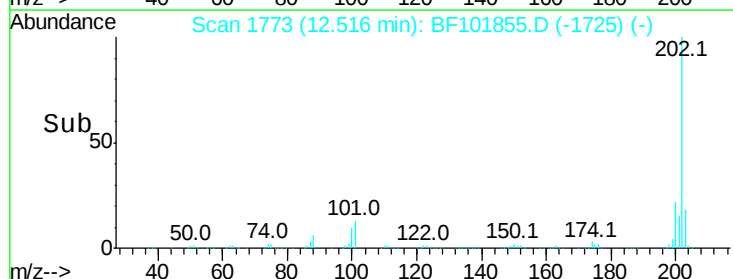
203 18.1 0.0 38.1

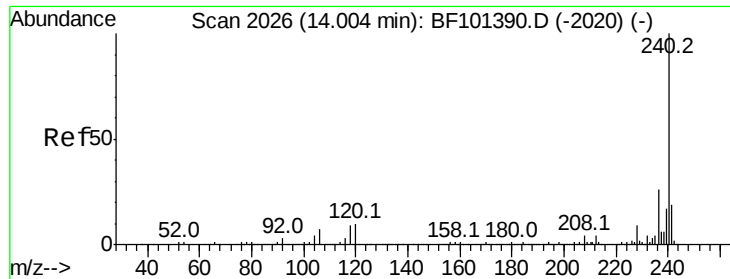


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

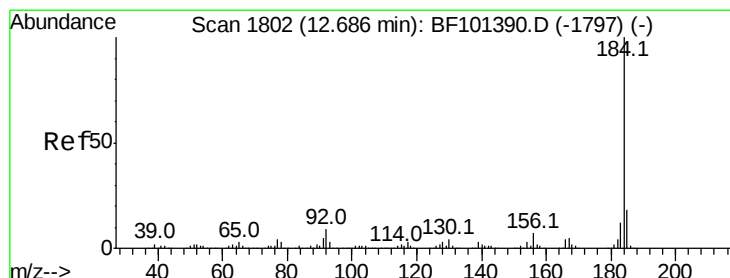
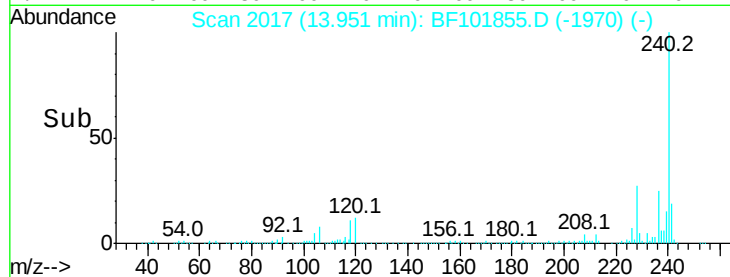
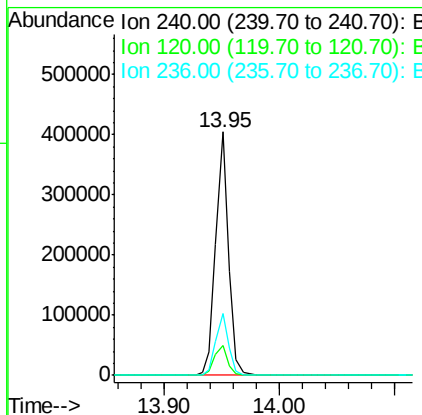
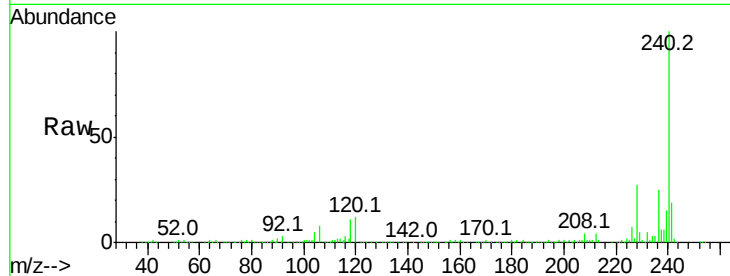
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



#76

Benzidine

Concen: 32.694 ng

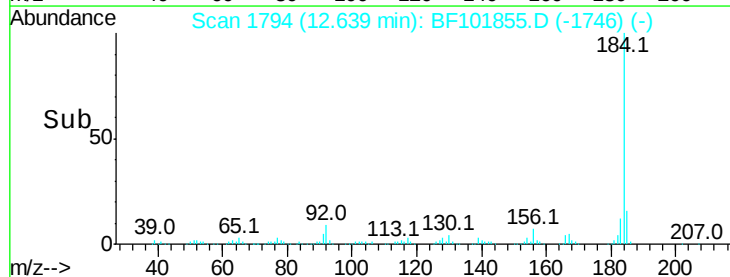
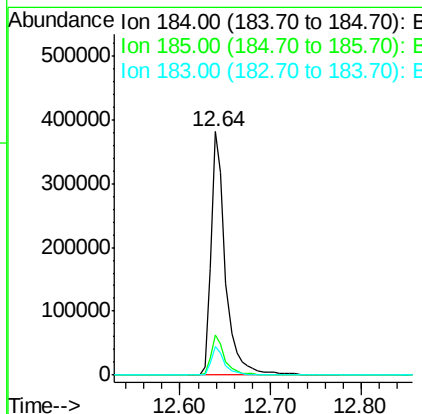
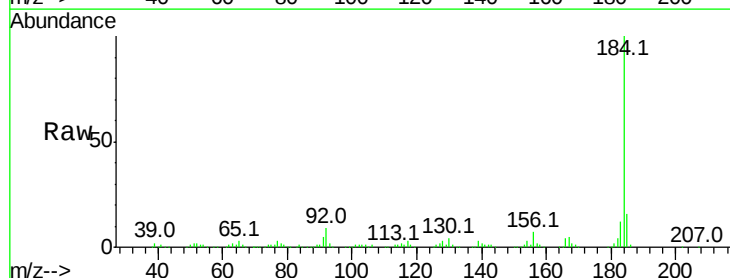
RT: 12.64 min Scan# 1794

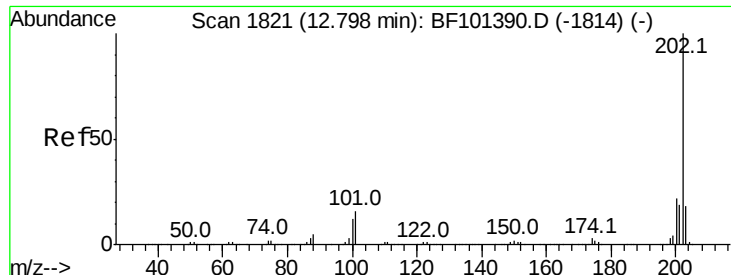
Delta R.T. -0.02 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	11.9	9.3	13.9





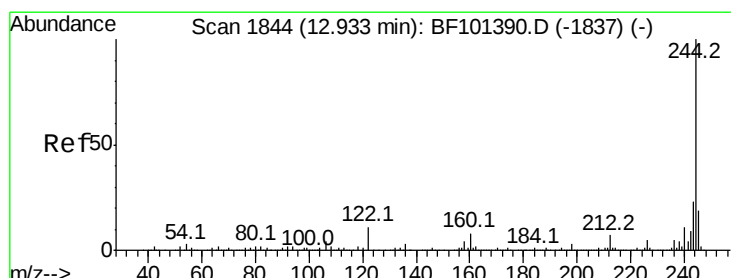
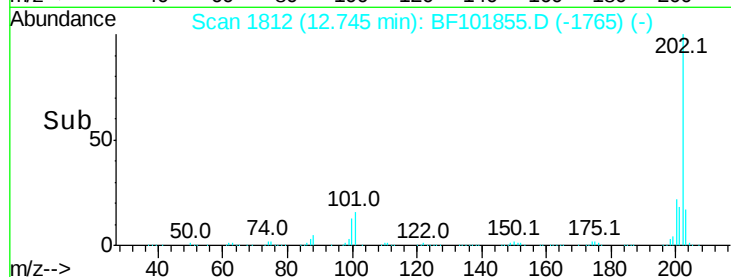
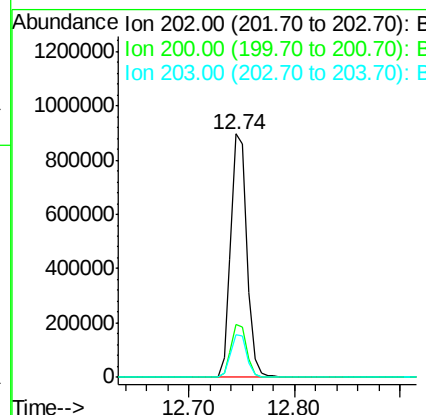
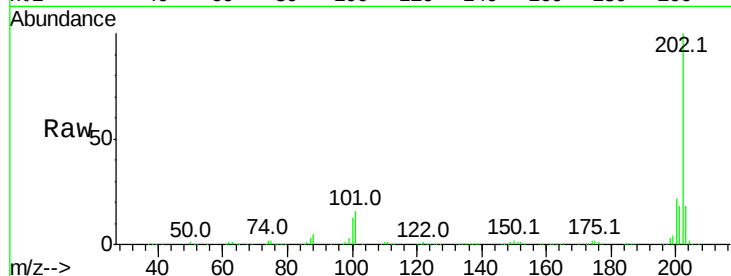
#77
Pvrene
Concen: 40.863 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5

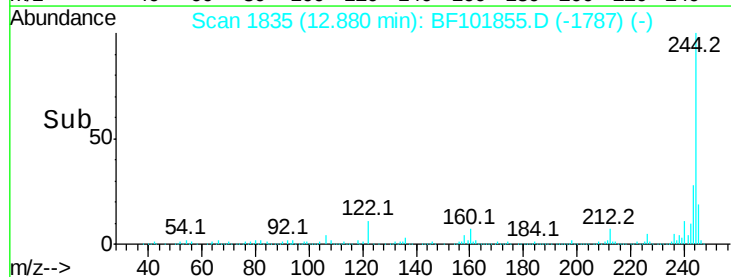
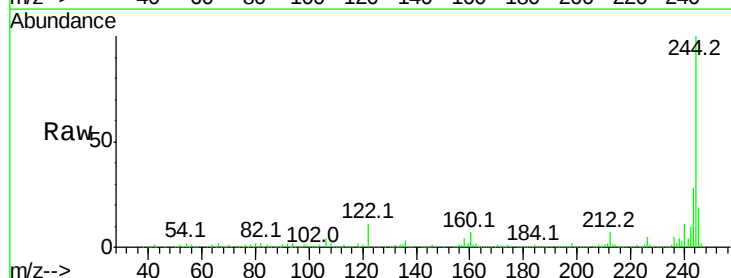
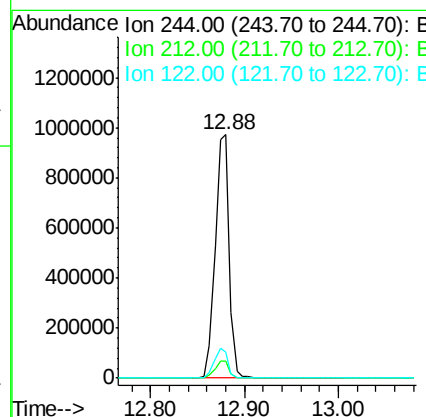
Manual Integrations
APPROVED

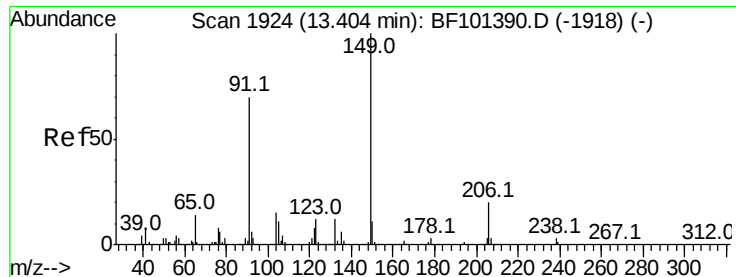
Sohil
1/4/2018 1:56:14 PM



#78
Terphenyl-d14
Concen: 80.152 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.6	11.0	16.4#





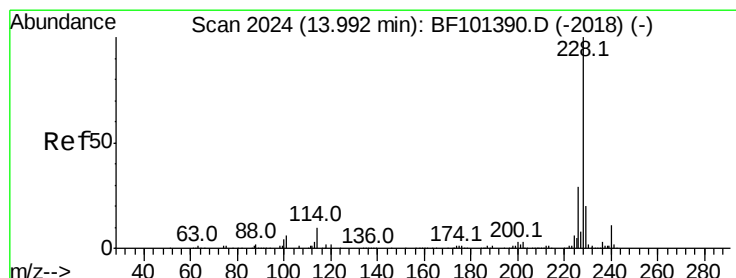
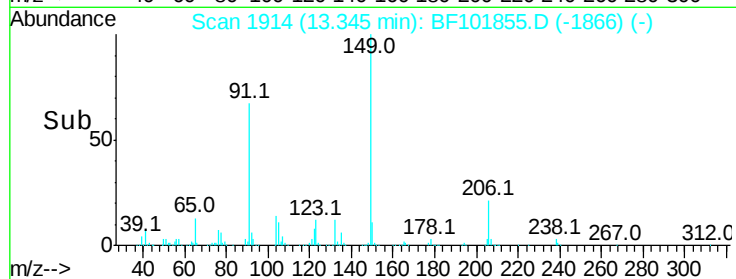
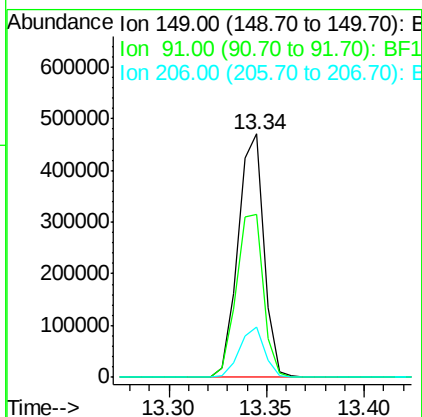
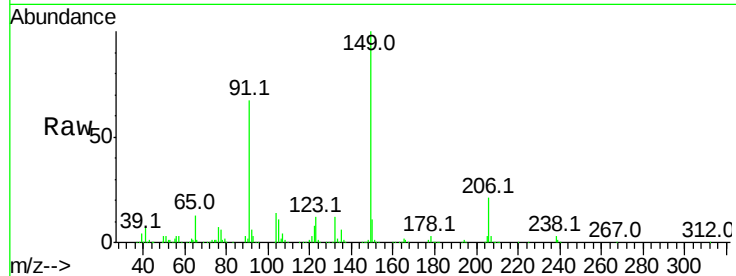
#79
Butylbenzylphthalate
Concen: 41.256 ng
RT: 13.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	56.8	85.2
206	20.9	14.1	21.1

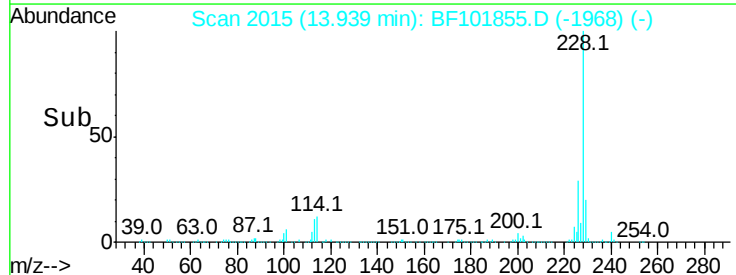
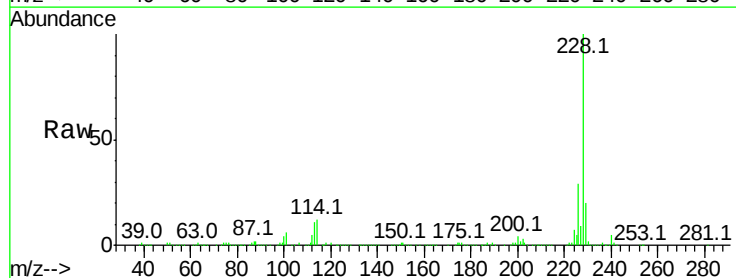
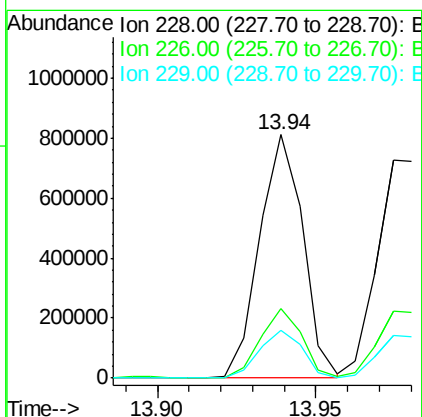
Manual Integrations
APPROVED

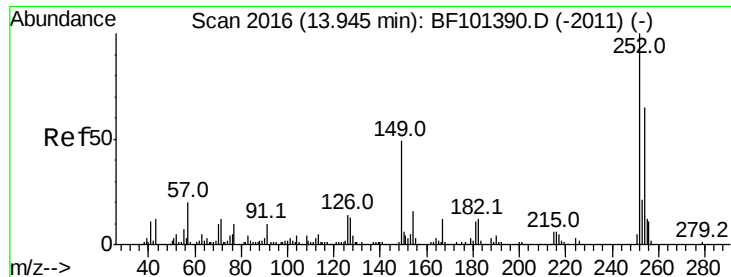
Sohil
1/4/2018 1:56:14 PM



#80
Benzo(a)anthracene
Concen: 37.853 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.9	15.8	23.6





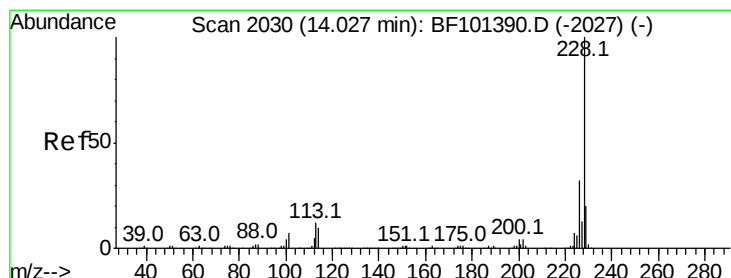
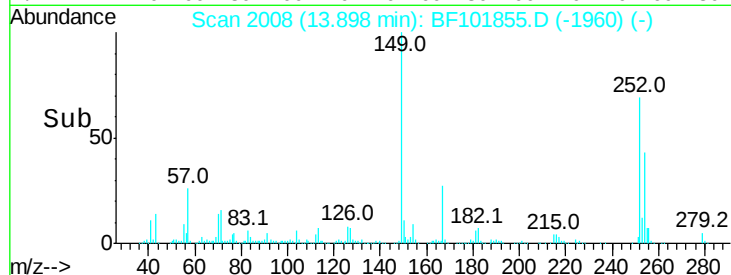
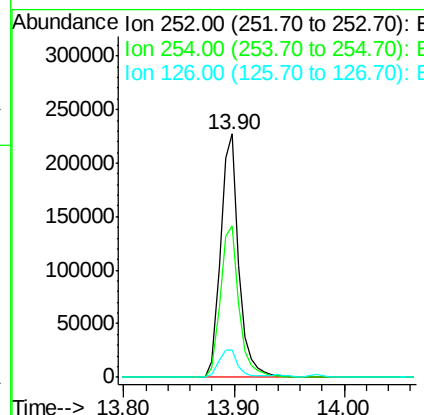
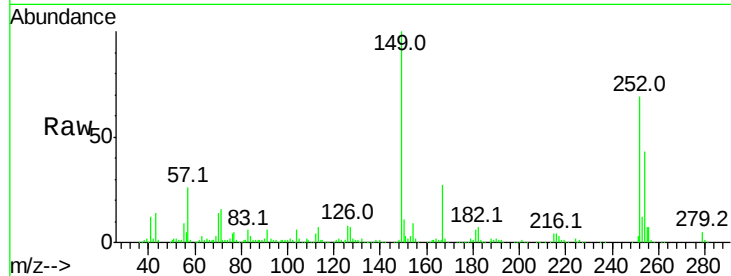
#81
 3,3'-Dichlorobenzidine
 Concen: 38.916 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.0	50.4	75.6
126	11.2	11.3	16.9

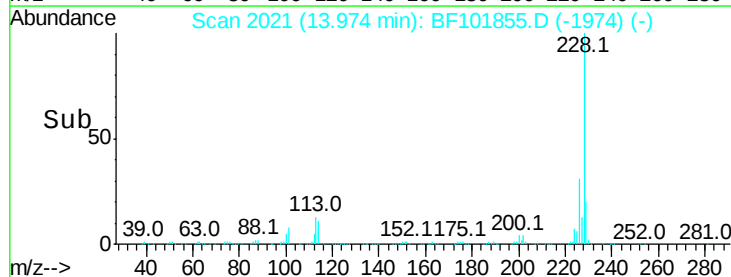
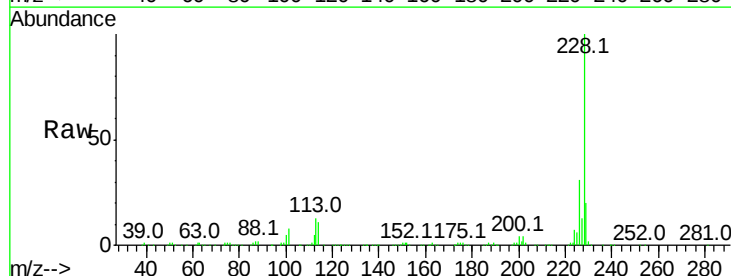
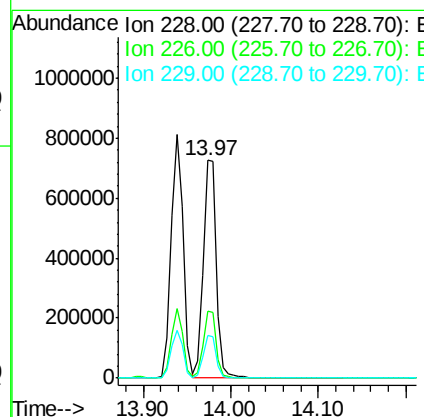
Manual Integrations
 APPROVED

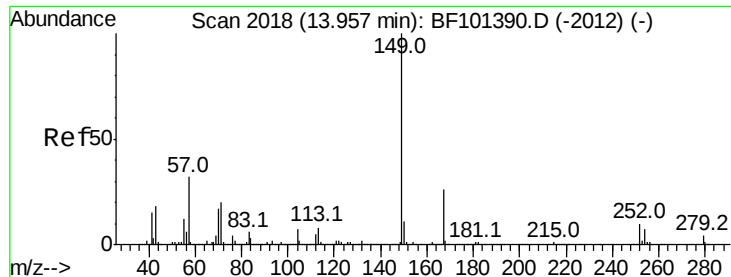
Sohil
 1/4/2018 1:56:14 PM



#82
 Chrysene
 Concen: 39.172 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.0	37.6
229	19.9	16.2	24.4





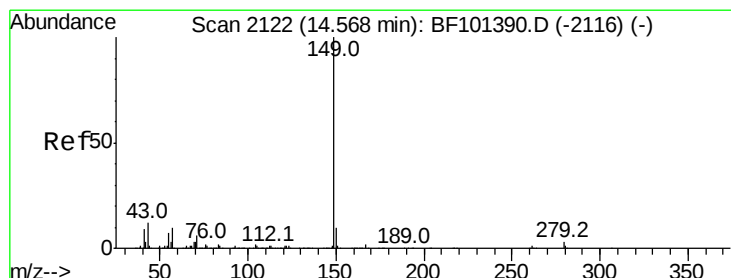
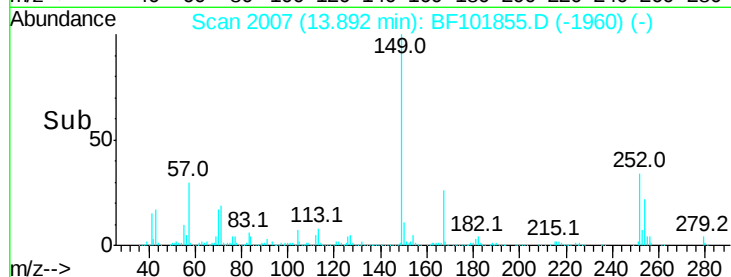
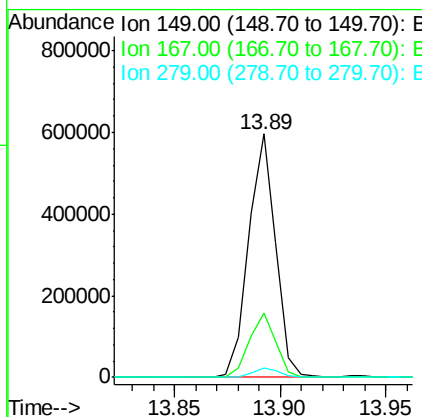
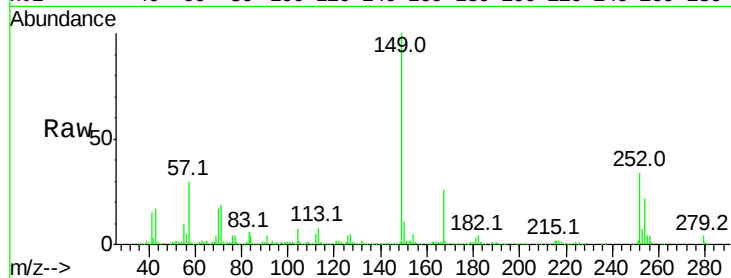
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.680 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	527607		
167	26.2		21.3	31.9
279	3.7		3.0	4.4

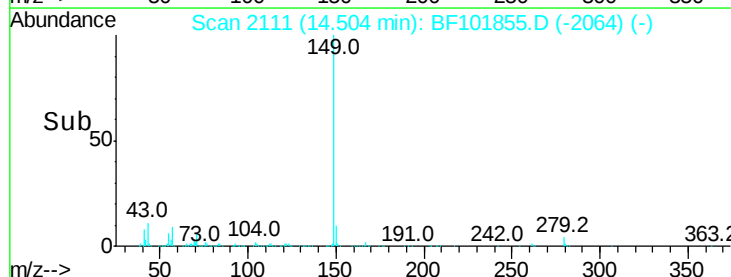
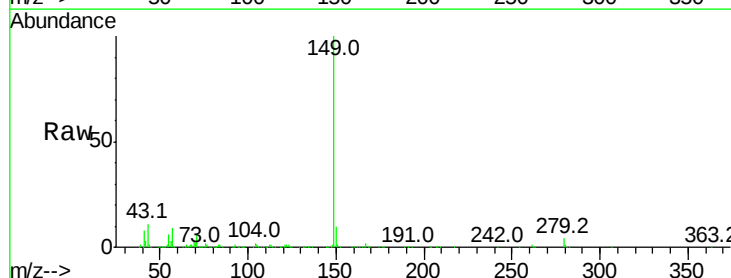
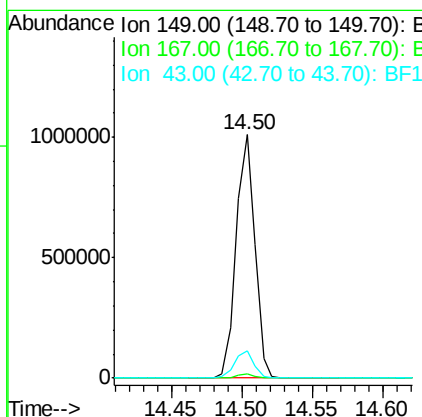
Manual Integrations
 APPROVED

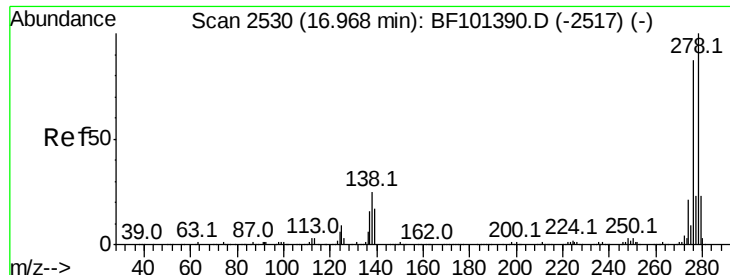
Sohil
 1/4/2018 1:56:14 PM



#84
 Di-n-octyl phthalate
 Concen: 39.241 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BF101855.D
 Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	930531		
167	1.5		1.2	1.8
43	11.1		8.4	12.6





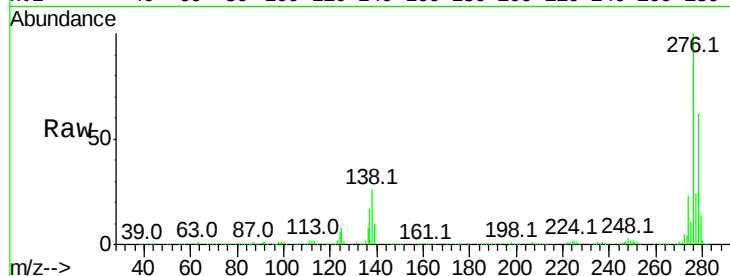
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.075 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.04 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

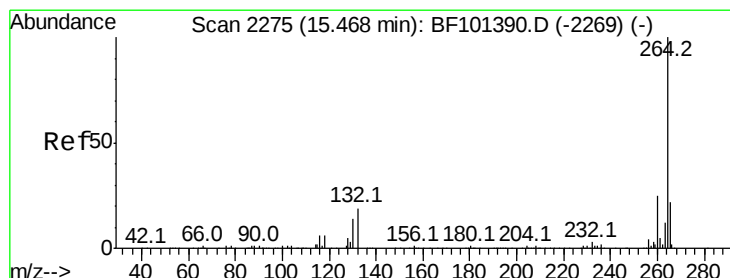
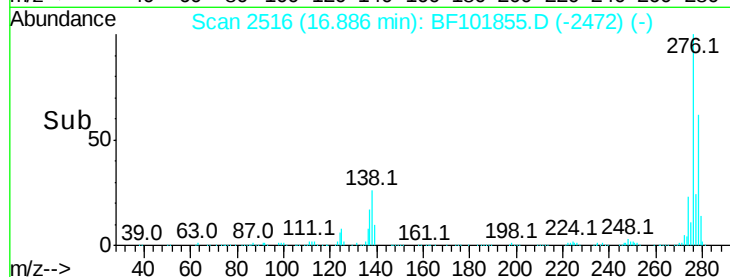
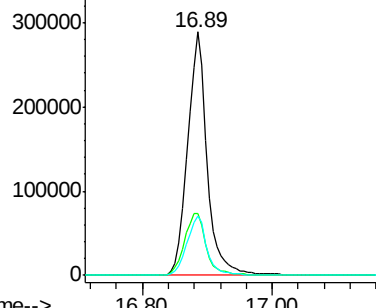
Tot Ion	Ratio	Resp	Lower	Upper
276	100	601983		
138	28.3	25.0	37.6	
277	24.8	20.1	30.1	

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM



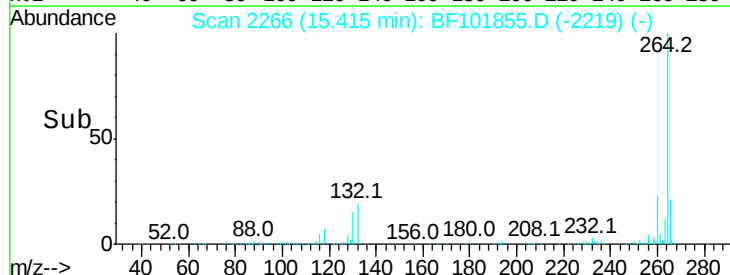
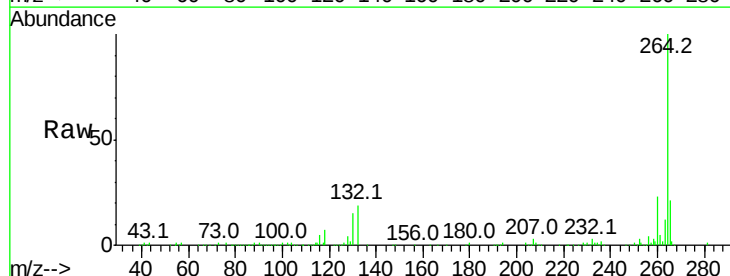
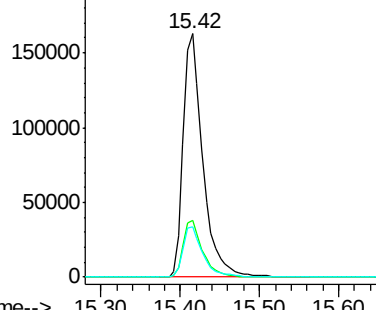
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

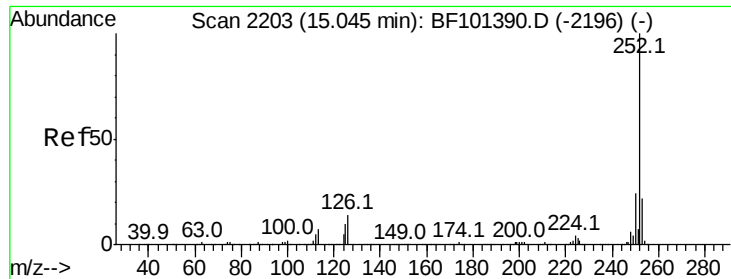


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	279431		
260	23.1	19.2	28.8	
265	20.8	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





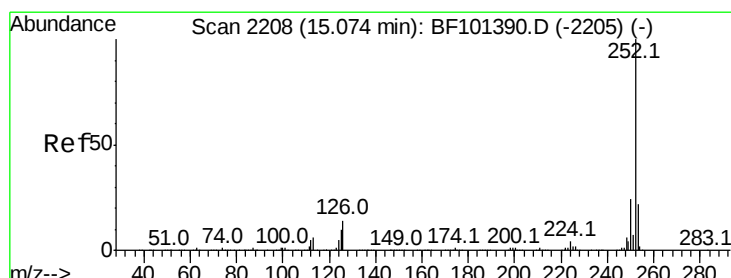
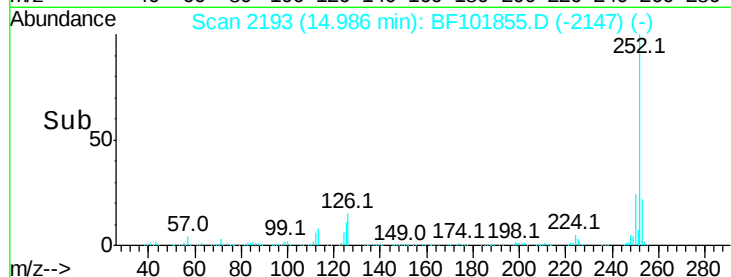
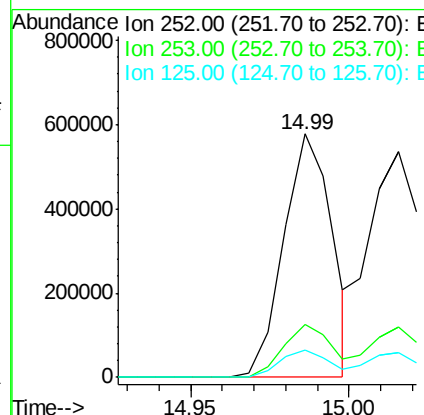
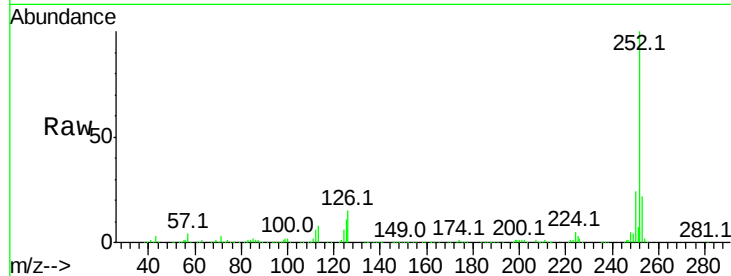
#87
Benzo(b)fluoranthene
Concen: 36.111 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.2	9.0	13.6

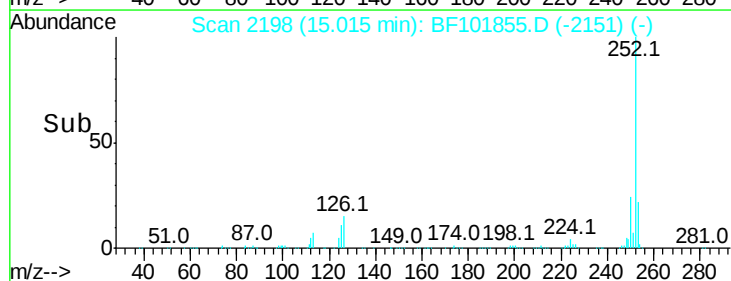
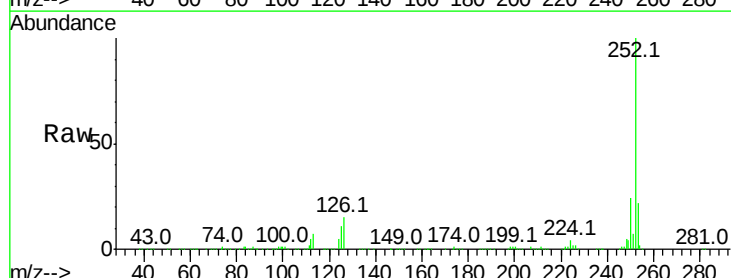
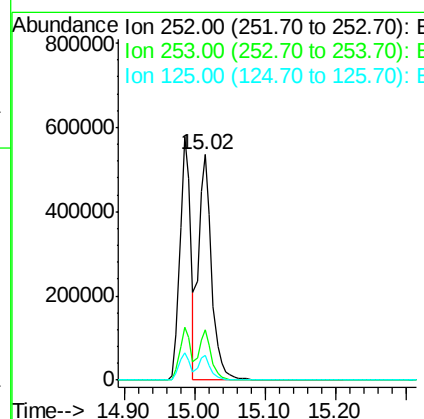
Manual Integrations
APPROVED

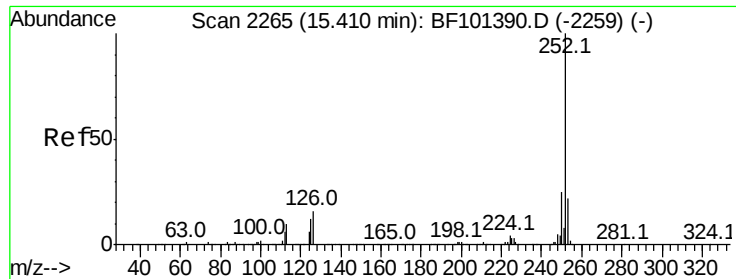
Sohil
1/4/2018 1:56:14 PM



#88
Benzo(k)fluoranthene
Concen: 41.996 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.0	10.2	15.2





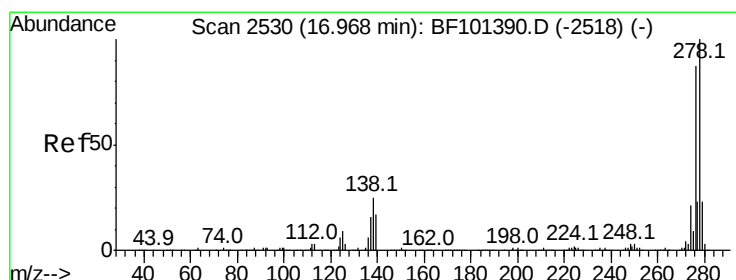
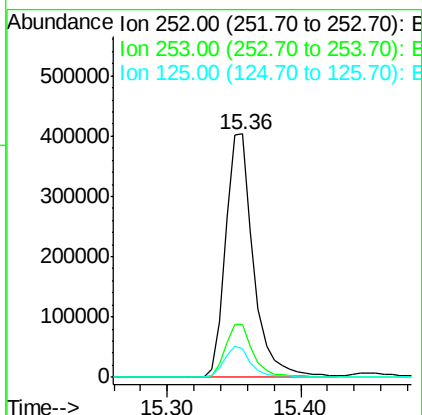
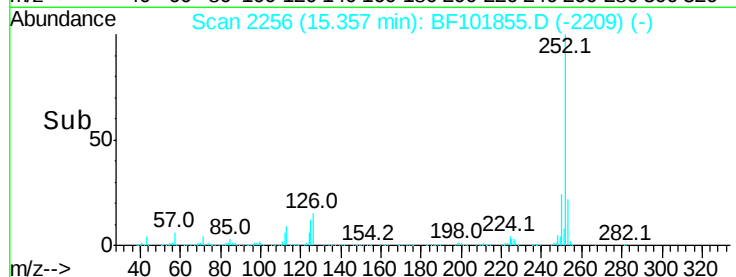
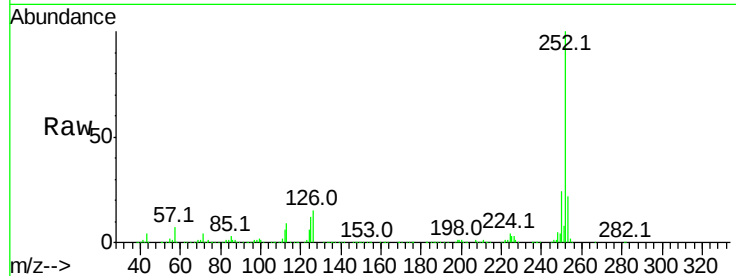
#89
Benzo(a)pyrene
Concen: 37.768 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.7	9.8	14.6

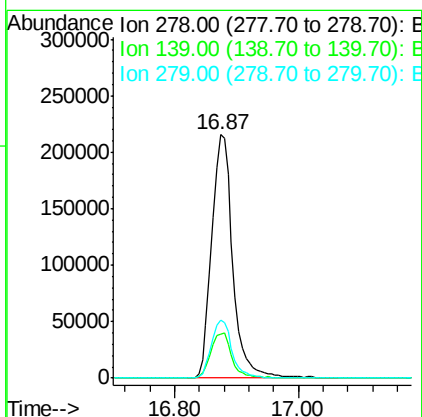
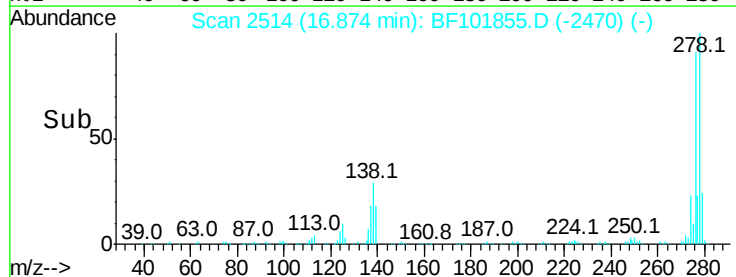
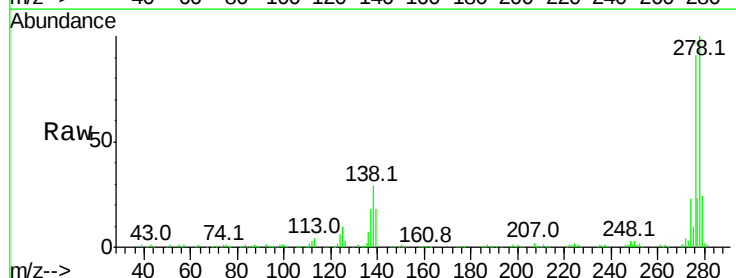
Manual Integrations
APPROVED

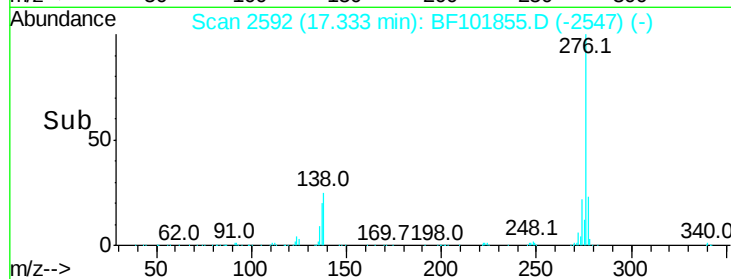
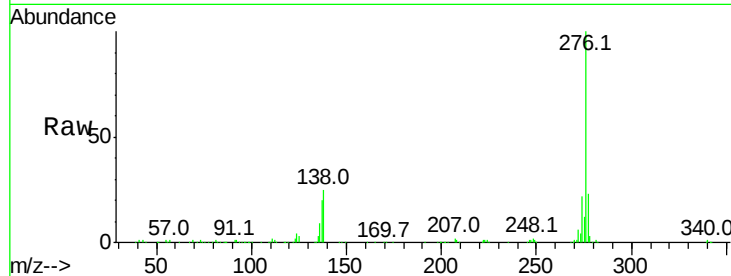
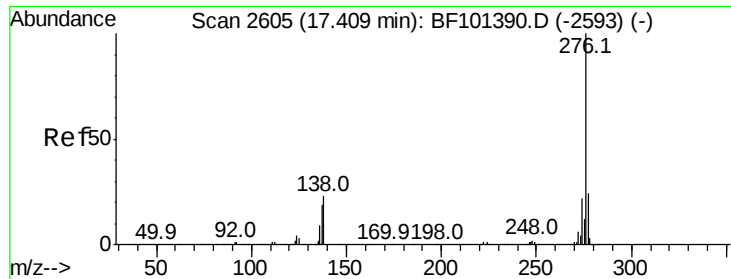
Sohil
1/4/2018 1:56:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.720 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.04 min
Lab File: BF101855.D
Acq: 3 Jan 2018 12:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.446 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF101855.D

Acq: 3 Jan 2018 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	276	Resp:	513207
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	24.9	21.8	32.8

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:14 PM

