

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112663.D
 Acq On : 22 Feb 2019 13:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:54 AM

Quant Time: Feb 22 14:30:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103295	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	411105	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	208378	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	392408	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	272298	20.00	ng	-0.03
87) Perylene-d12	15.44	264	214986	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	494233	101.63	ng	-0.03
7) Phenol-d6	6.47	99	606222	89.71	ng	-0.02
23) Nitrobenzene-d5	7.39	82	586696	82.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	197708	81.51	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1181635	80.20	ng	-0.04
79) Terphenyl-d14	12.92	244	1259257	87.10	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	95414	49.252	ng	93
3) Pyridine	3.32	79	242405	49.190	ng	98
4) n-Nitrosodimethylamine	3.29	42	109674	52.973	ng	# 84
6) Aniline	6.48	93	360491	44.845	ng	# 68
8) 2-Chlorophenol	6.61	128	280555	42.885	ng	95
9) Benzaldehyde	6.37	77	142512	40.349	ng	98
10) Phenol	6.49	94	327944	44.235	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	240907	41.274	ng	97
12) 1,3-Dichlorobenzene	6.76	146	307822	40.402	ng	98
13) 1,4-Dichlorobenzene	6.83	146	321858	41.047	ng	99
14) 1,2-Dichlorobenzene	6.99	146	301408	41.056	ng	95
15) Benzyl Alcohol	6.97	79	237471	41.688	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	290316	38.739	ng	# 14
17) 2-Methylphenol	7.09	107	207705	40.051	ng	# 85
18) Hexachloroethane	7.32	117	116558	42.331	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	202373	43.432	ng	100
20) 3+4-Methylphenols	7.24	107	289782	43.696	ng	# 78
22) Acetophenone	7.23	105	413798	41.337	ng	95
24) Nitrobenzene	7.40	77	286771	40.245	ng	100
25) Isophorone	7.64	82	458739	40.985	ng	99
26) 2-Nitrophenol	7.72	139	157833	41.448	ng	# 92
27) 2,4-Dimethylphenol	7.76	122	210542	40.130	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	307985	40.411	ng	99
29) 2,4-Dichlorophenol	7.97	162	237850	40.511	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	265070	39.276	ng	97
31) Naphthalene	8.12	128	762526	39.663	ng	98
32) Benzoic acid	7.93	122	125436	41.914	ng	96
33) 4-Chloroaniline	8.17	127	339242	40.526	ng	97
34) Hexachlorobutadiene	8.23	225	154935	39.122	ng	97
35) Caprolactam	8.56	113	82985m	40.066	ng	
36) 4-Chloro-3-methylphenol	8.67	107	260453	41.904	ng	97
37) 2-Methylnaphthalene	8.81	142	523975	39.812	ng	96
38) 1-Methylnaphthalene	8.91	142	505766	40.093	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	259448	37.921	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112663.D
 Acq On : 22 Feb 2019 13:46
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

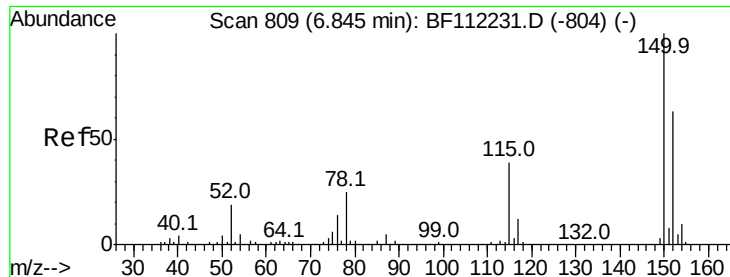
Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:54 AM

Quant Time: Feb 22 14:30:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	76095	35.364	nq	96
43) 2,4,6-Trichlorophenol	9.10	196	162790	38.600	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	167211	37.936	nq	95
46) 1,1'-Biphenyl	9.27	154	718990	39.468	nq	99
47) 2-Chloronaphthalene	9.30	162	551877	39.066	nq	96
48) 2-Nitroaniline	9.41	65	162336	42.161	nq	93
49) Acenaphthylene	9.72	152	807693	39.008	nq	98
50) Dimethylphthalate	9.57	163	623859	38.534	nq	99
51) 2,6-Dinitrotoluene	9.65	165	143858	39.675	nq	93
52) Acenaphthene	9.89	154	494055	39.943	nq	99
53) 3-Nitroaniline	9.82	138	161704	41.165	nq	91
54) 2,4-Dinitrophenol	9.95	184	43712	37.564	nq	85
55) Dibenzofuran	10.06	168	753202	39.848	nq	91
56) 4-Nitrophenol	10.02	139	84207	40.546	nq	92
57) 2,4-Dinitrotoluene	10.06	165	187939	40.714	nq	# 71
58) Fluorene	10.40	166	571404	40.397	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	135966m	40.820	nq	
60) Diethylphthalate	10.27	149	635325	39.543	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	300014	38.992	nq	# 88
62) 4-Nitroaniline	10.45	138	146775	38.093	nq	89
63) Azobenzene	10.55	77	589314	41.706	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	82247	37.384	nq	86
66) n-Nitrosodiphenylamine	10.51	169	544140	41.144	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	182588	39.562	nq	93
68) Hexachlorobenzene	10.96	284	197508	39.887	nq	# 91
69) Atrazine	11.03	200	136983	32.100	nq	95
70) Pentachlorophenol	11.16	266	72480	37.618	nq	95
71) Phenanthrene	11.36	178	815769	39.987	nq	99
72) Anthracene	11.42	178	831134	40.899	nq	99
73) Carbazole	11.57	167	819336	40.873	nq	98
74) Di-n-butylphthalate	11.89	149	987101	39.672	nq	99
75) Fluoranthene	12.56	202	817658	37.368	nq	96
77) Benzidine	12.67	184	298954	39.889	nq	96
78) Pyrene	12.79	202	839564	44.534	nq	99
80) Butylbenzylphthalate	13.38	149	377230	41.358	nq	95
81) Benzo(a)anthracene	13.97	228	642877	40.162	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	232954	38.887	nq	99
83) Chrysene	14.01	228	600314	39.289	nq	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	483960	37.379	nq	97
85) Di-n-octyl phthalate	14.54	149	694913	34.885	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	490874	40.544	nq	96
88) Benzo(b)fluoranthene	15.02	252	498267	38.754	nq	99
89) Benzo(k)fluoranthene	15.05	252	490461m	39.825	nq	
90) Benzo(a)pyrene	15.39	252	459266	39.699	nq	100
91) Dibenzo(a,h)anthracene	16.93	278	408180	43.778	nq	98
92) Benzo(g,h,i)perylene	17.38	276	408450	46.433	nq	96

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



#1

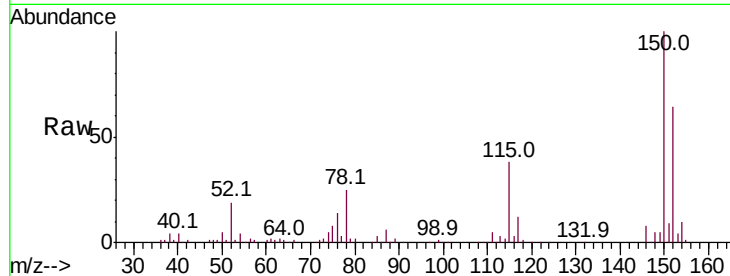
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.4	191.0
115	59.1	45.5	68.3

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM

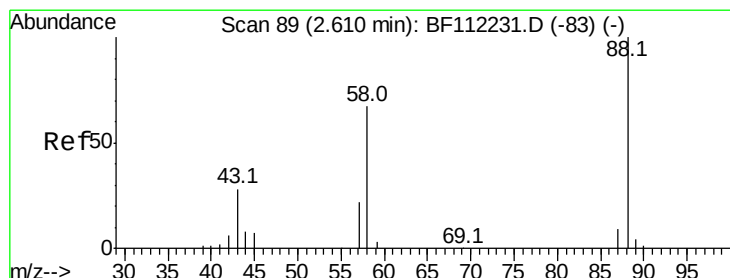
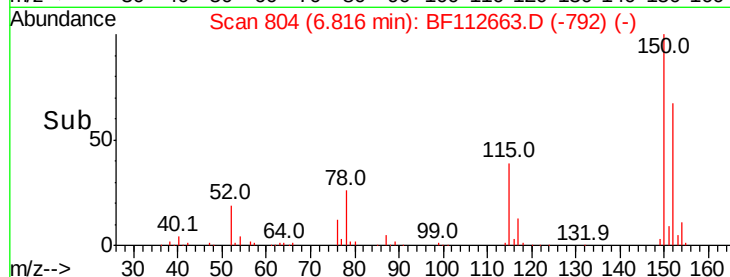
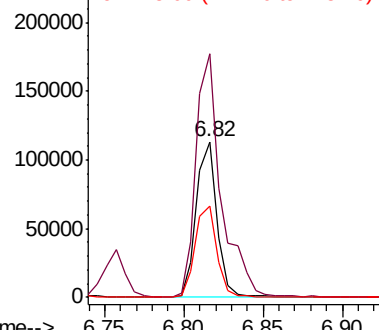


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

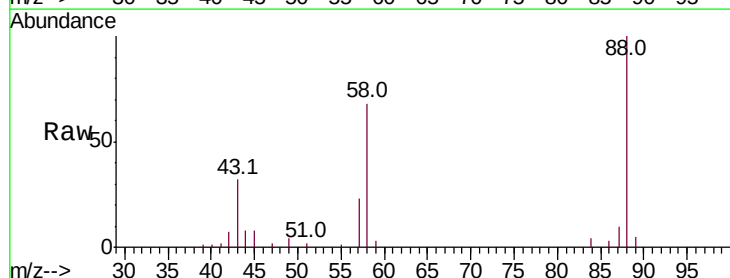
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 49.252 ng
RT: 2.57 min Scan# 82
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	57.4	86.2
43	31.6	22.2	33.4

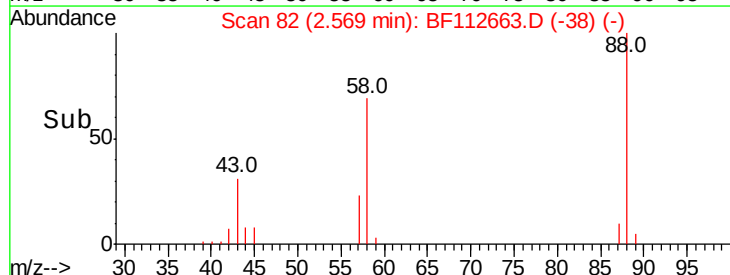
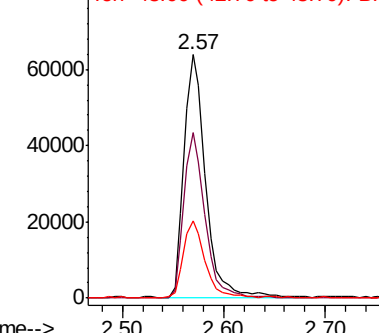


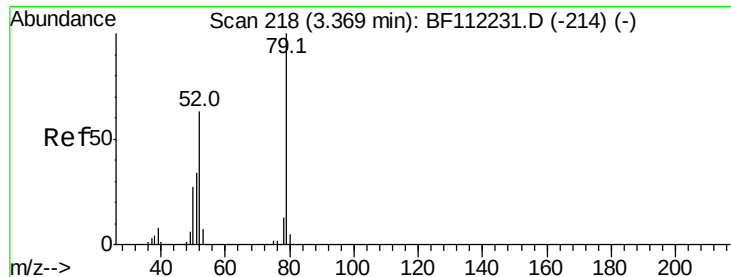
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 49.190 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.05 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

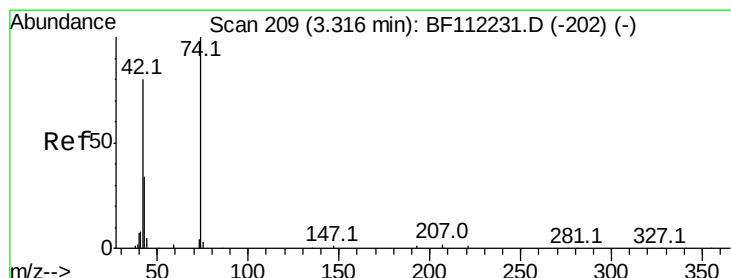
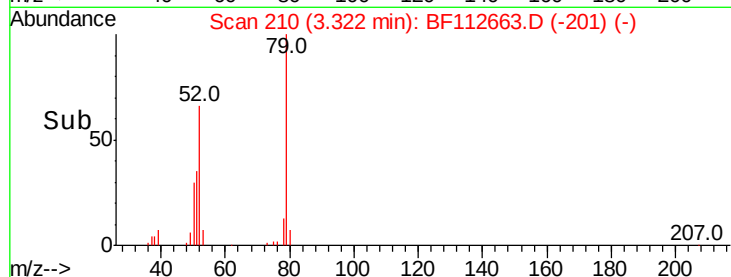
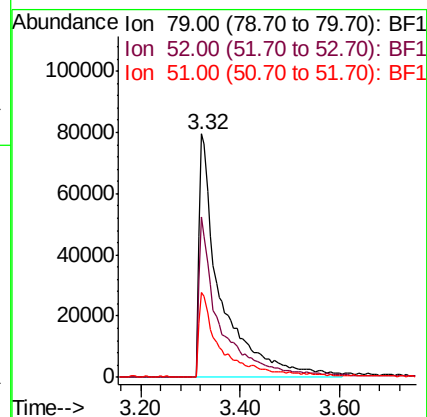
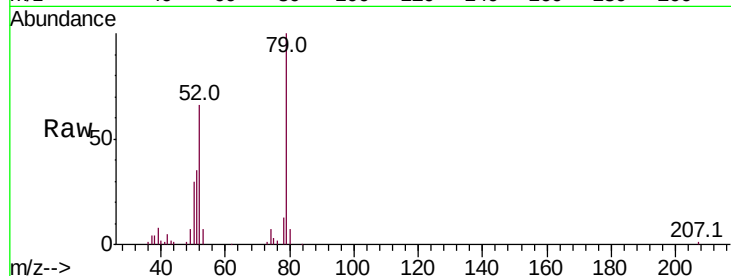
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.9	52.4	78.6
51	34.7	26.1	39.1

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#4

n-Nitrosodimethylamine

Concen: 52.973 ng

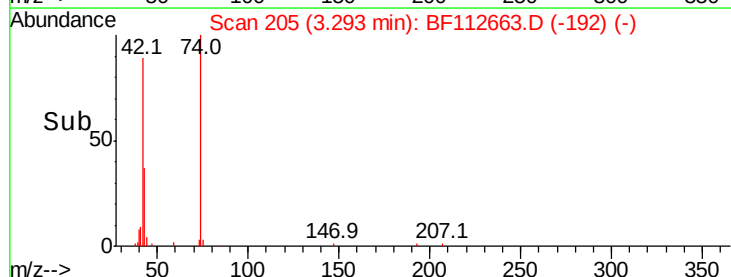
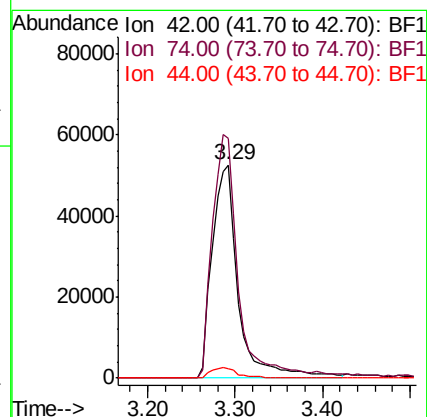
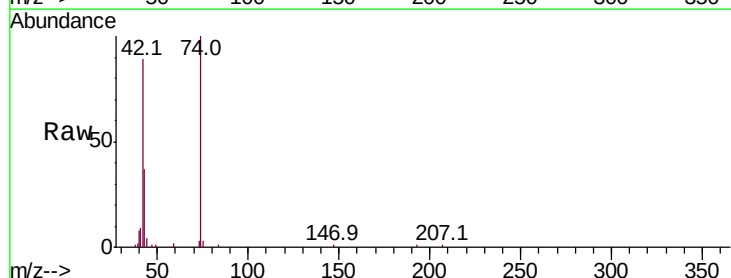
RT: 3.29 min Scan# 205

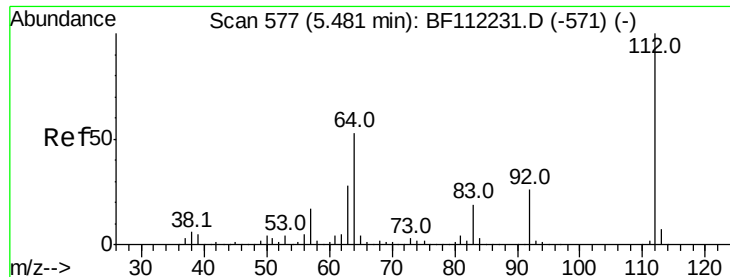
Delta R.T. -0.02 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.3	105.6	158.4
44	4.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 101.630 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

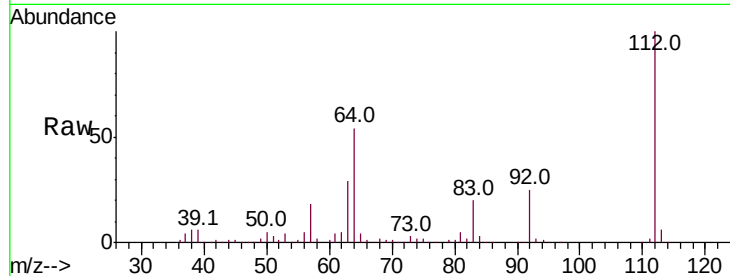
ClientSampled :

SSTDCCC040

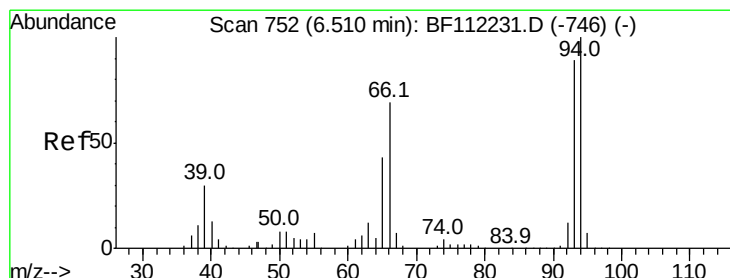
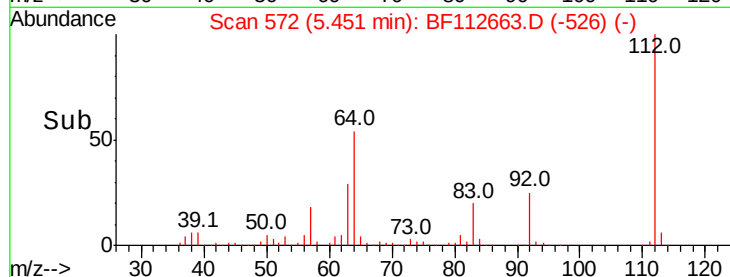
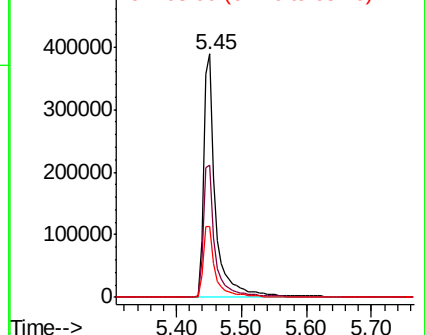
Tot Ion	Ratio	Resp	Lower	Upper
112	100	494233		
64	54.1	45.7	68.5	
63	29.3	23.6	35.4	

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 44.845 ng

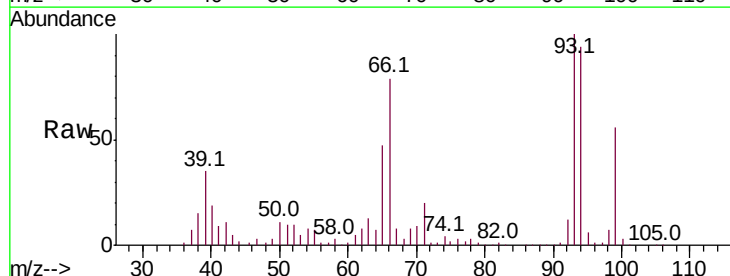
RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

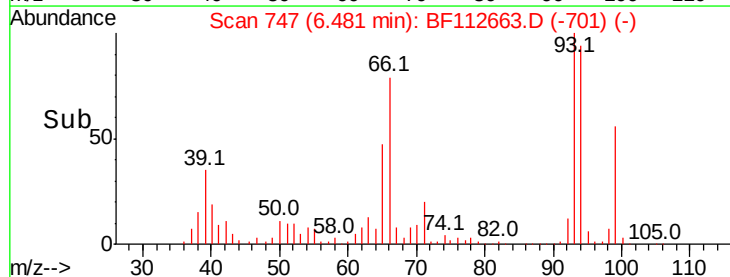
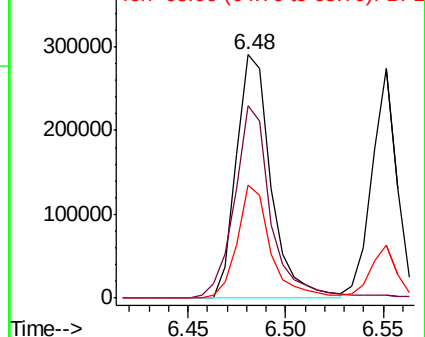
Lab File: BF112663.D

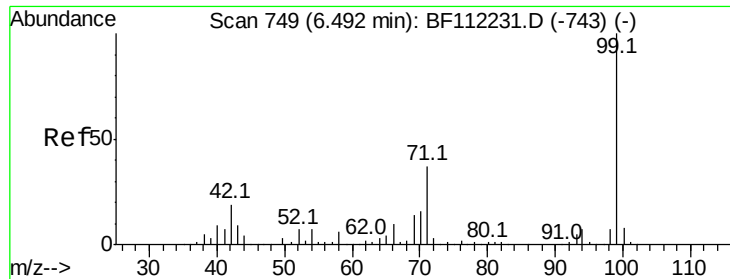
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	360491		
66	79.1	43.4	65.2#	
65	46.6	25.3	37.9#	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.711 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

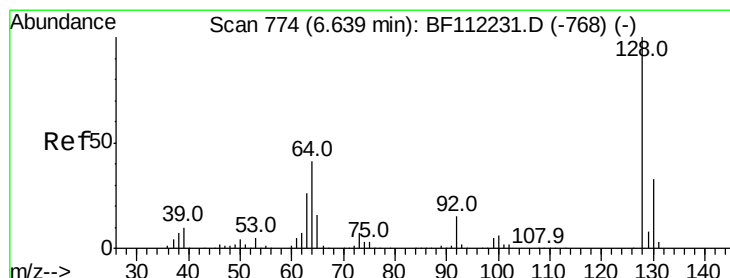
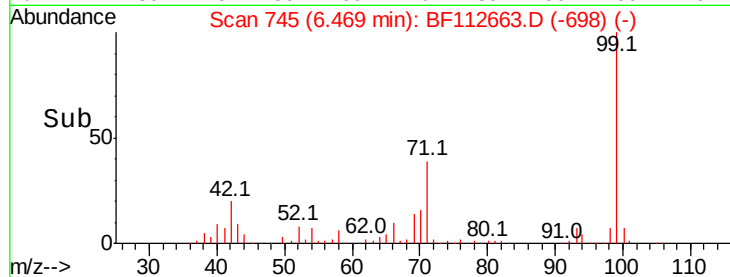
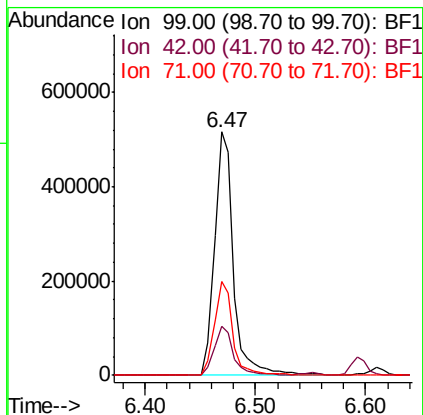
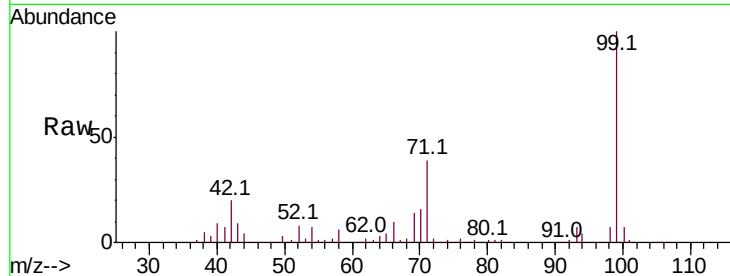
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	606222
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.1	22.7
71	38.8	26.9	40.3

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#8

2-Chlorophenol

Concen: 42.885 ng

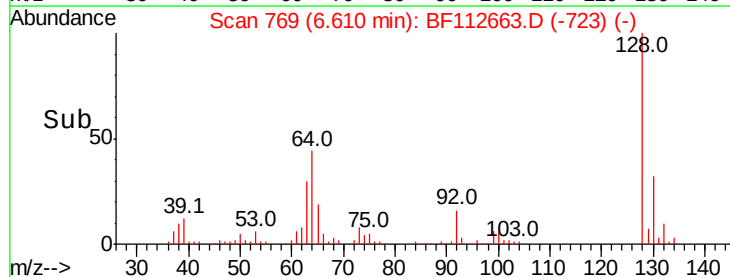
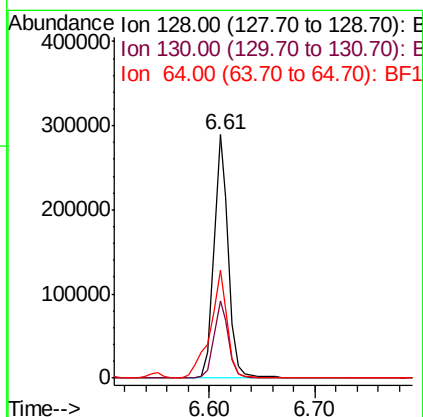
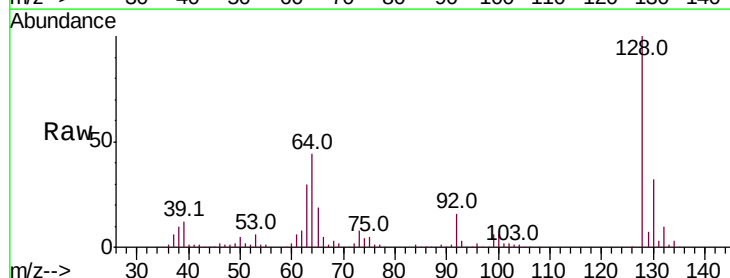
RT: 6.61 min Scan# 769

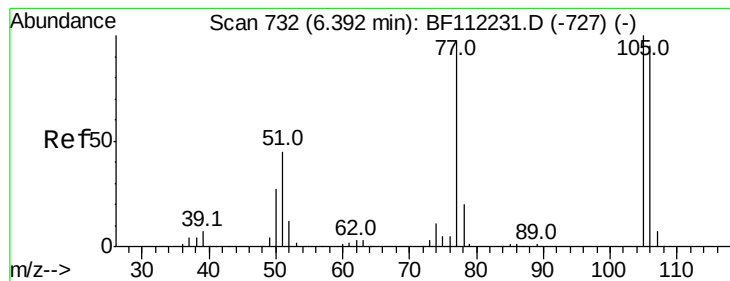
Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion:	128	Resp:	280555
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.4	53.4
64	44.5	20.5	60.5





#9

Benzaldehyde

Concen: 40.349 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

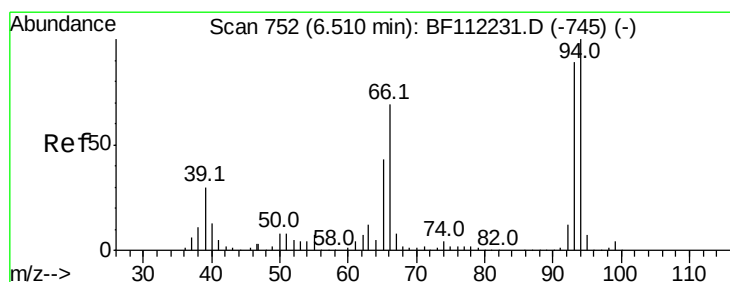
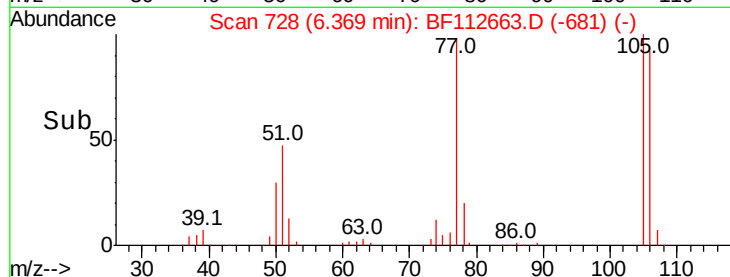
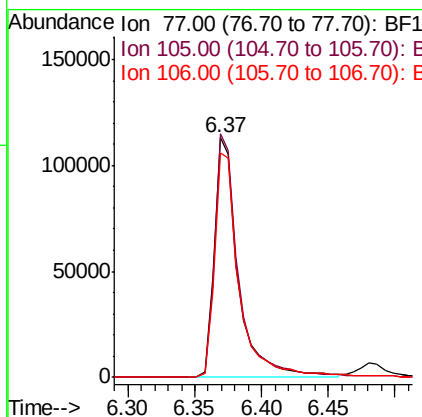
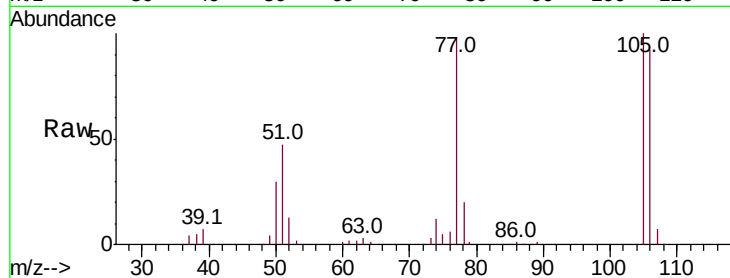
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	142512
Ion Ratio	Lower	Upper	
77	100		
105	101.6	80.8	120.8
106	93.5	75.7	115.7

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#10

Phenol

Concen: 44.235 ng

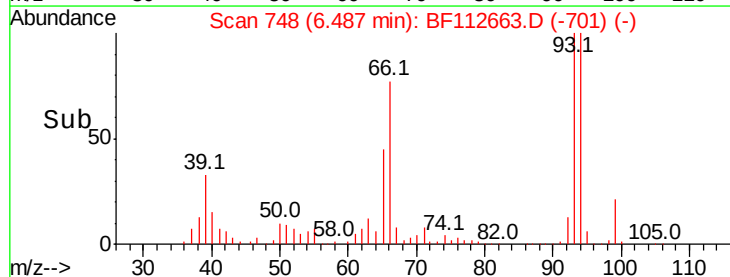
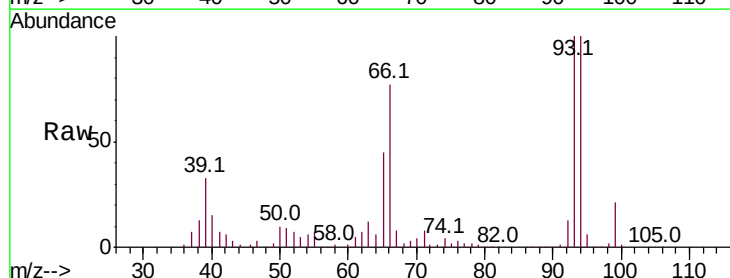
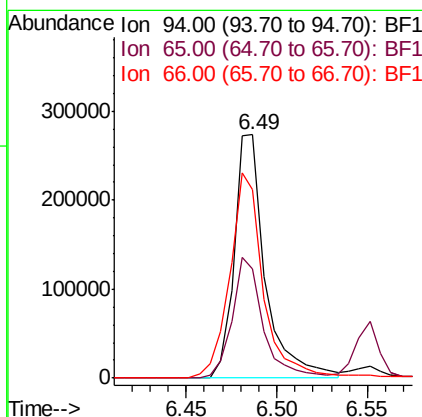
RT: 6.49 min Scan# 748

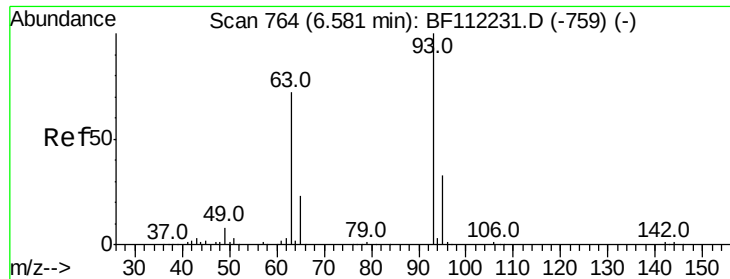
Delta R.T. -0.02 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion:	94	Resp:	327944
Ion Ratio	Lower	Upper	
94	100		
65	45.1	20.3	60.3
66	77.3	42.4	82.4





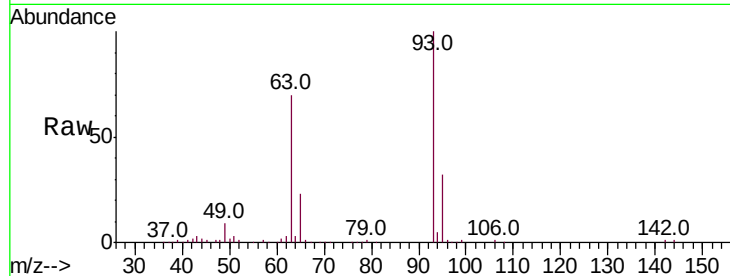
#11
bis(2-Chloroethyl)ether
Concen: 41.274 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

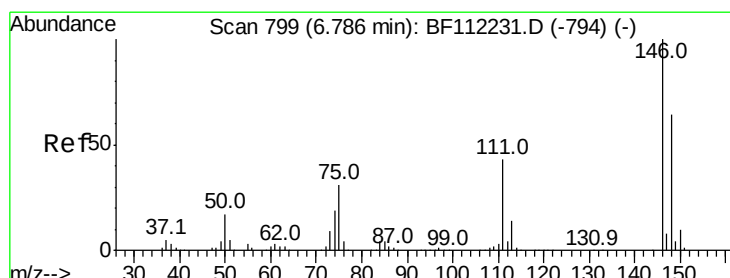
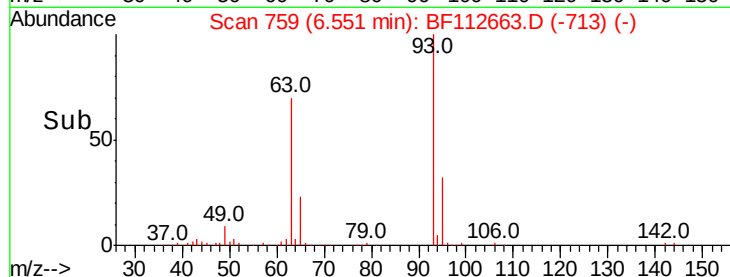
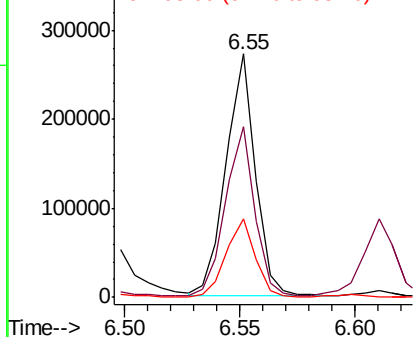
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.9	53.3	93.3
95	32.4	13.4	53.4

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM

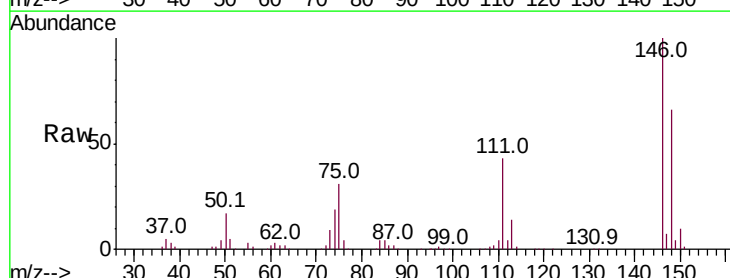


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

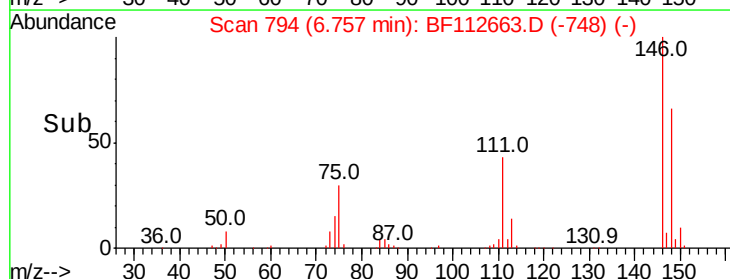
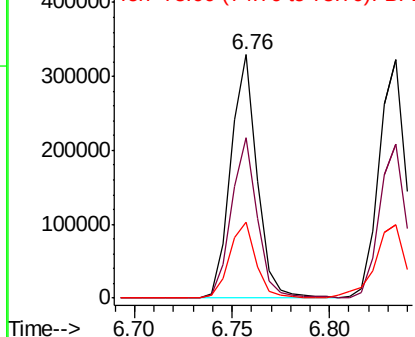


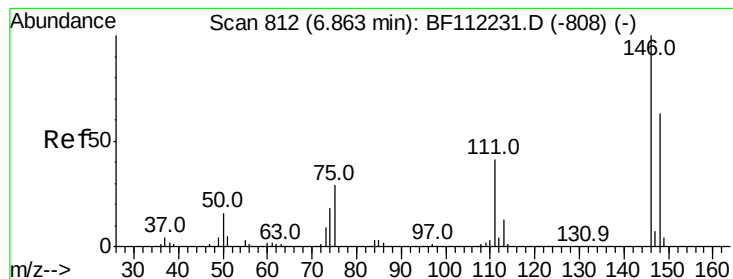
#12
1,3-Dichlorobenzene
Concen: 40.402 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.8
75	31.1	23.1	34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.047 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

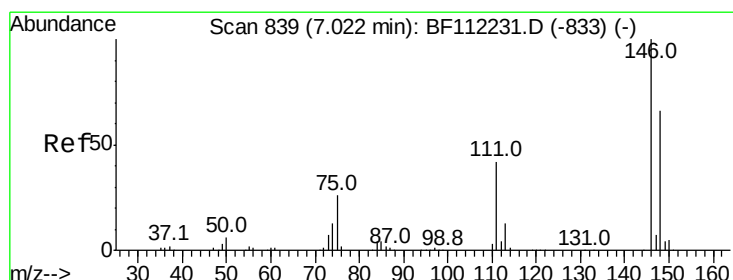
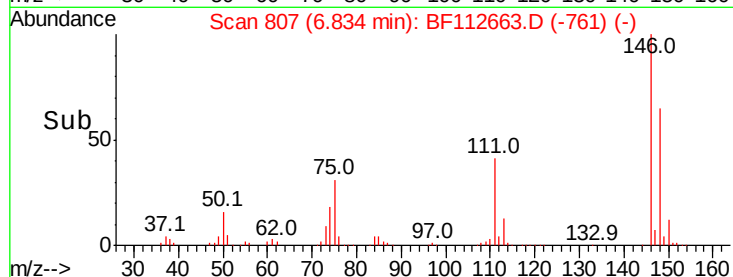
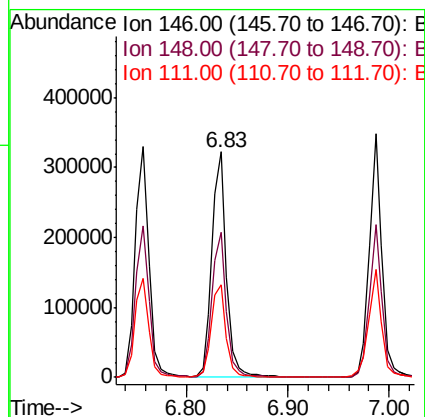
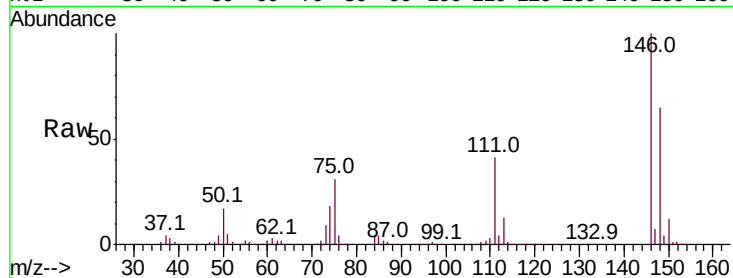
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	321858
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.0	78.0
111	40.8	31.2	46.8

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#14

1,2-Dichlorobenzene

Concen: 41.056 ng

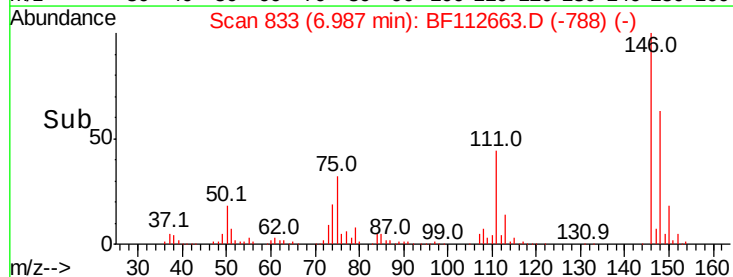
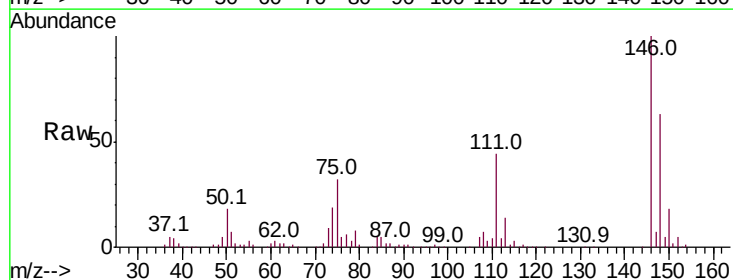
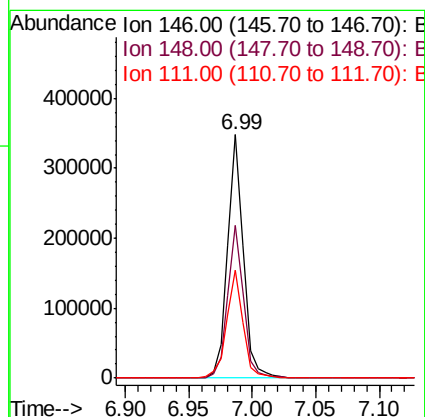
RT: 6.99 min Scan# 833

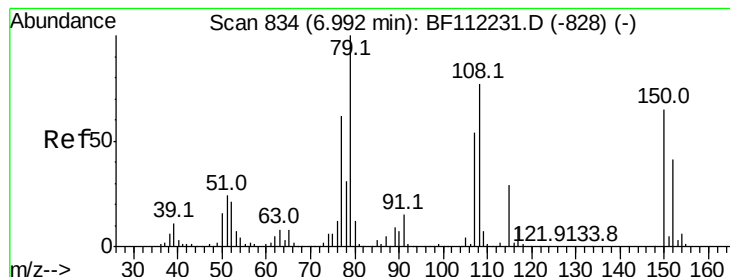
Delta R.T. -0.04 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion:	146	Resp:	301408
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.2	78.4
111	44.4	31.2	46.8





#15

Benzyl Alcohol

Concen: 41.688 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

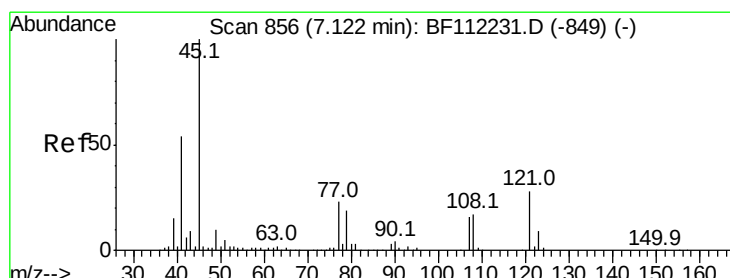
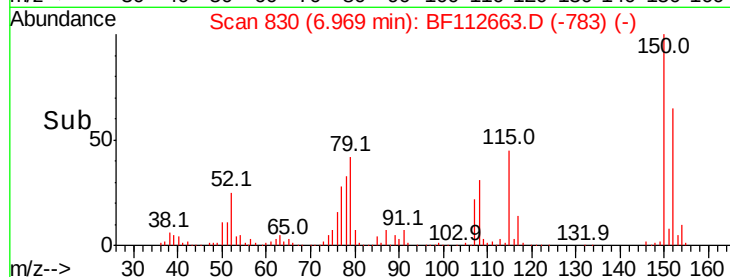
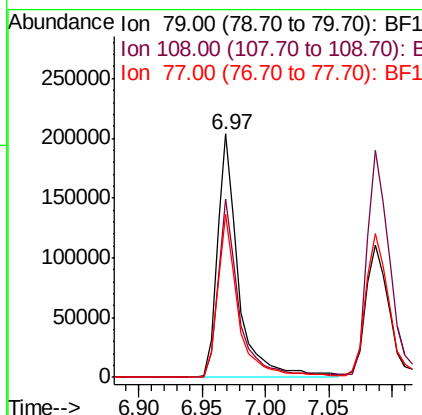
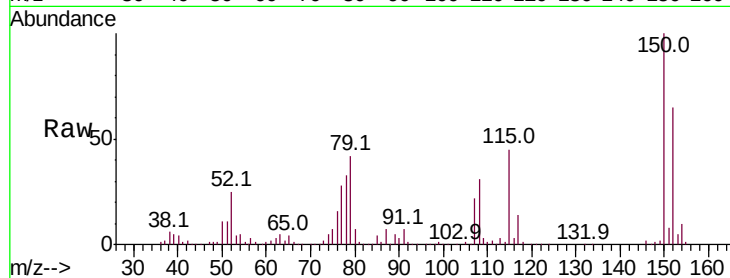
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	237471
Ion Ratio	Lower	Upper	
79	100		
108	73.1	64.2	96.2
77	67.0	50.3	75.5

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.739 ng

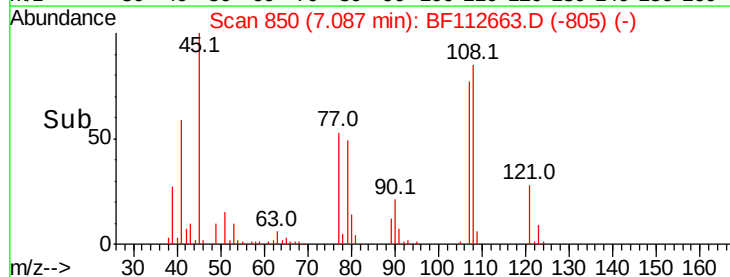
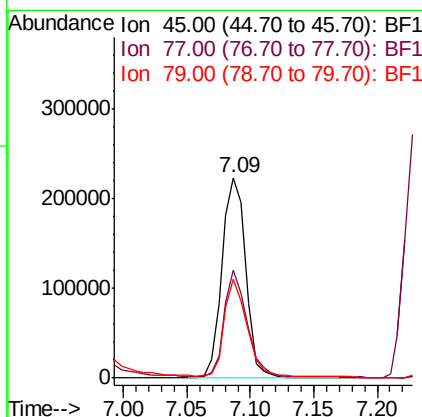
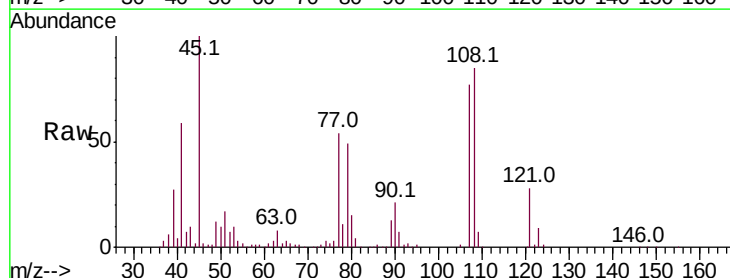
RT: 7.09 min Scan# 850

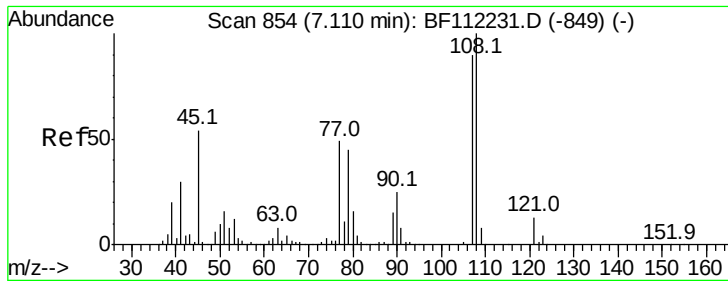
Delta R.T. -0.04 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion:	45	Resp:	290316
Ion Ratio	Lower	Upper	
45	100		
77	53.7	0.0	36.9#
79	49.4	0.0	34.0#





#17

2-Methylphenol

Concen: 40.051 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 207705
Ion Ratio Lower Upper

107 100

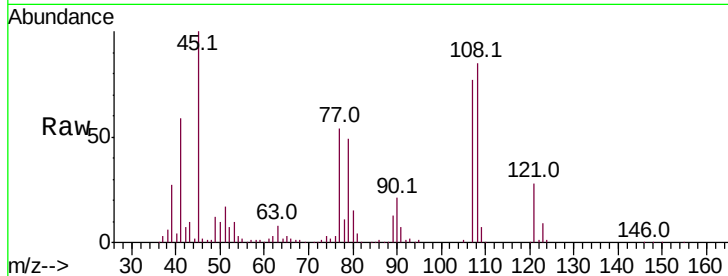
108 110.6 91.3 136.9

77 69.7 39.0 58.6#

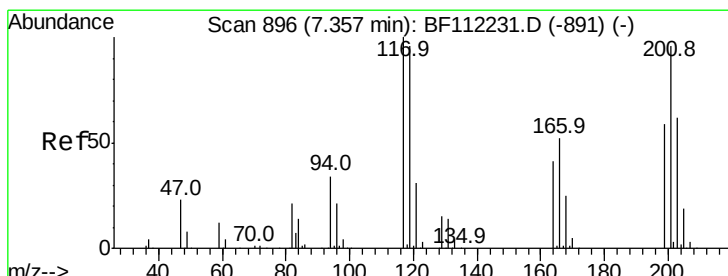
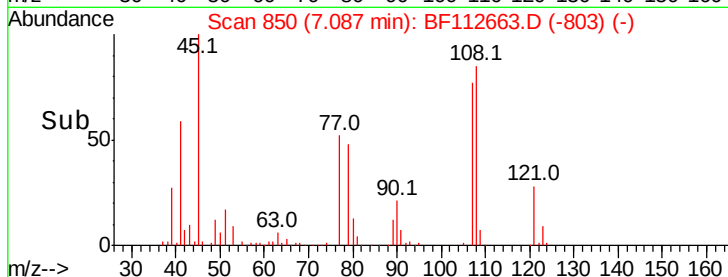
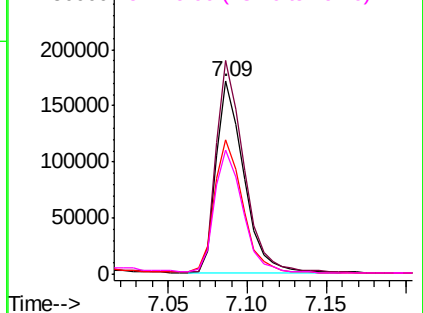
79 64.1 37.0 55.4#

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



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: 42.331 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF112663.D

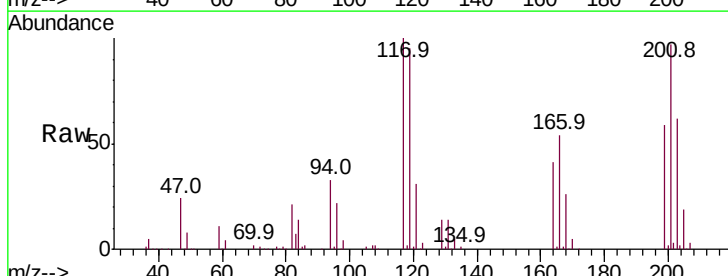
Acq: 22 Feb 2019 13:46

Tgt Ion:117 Resp: 116558
Ion Ratio Lower Upper

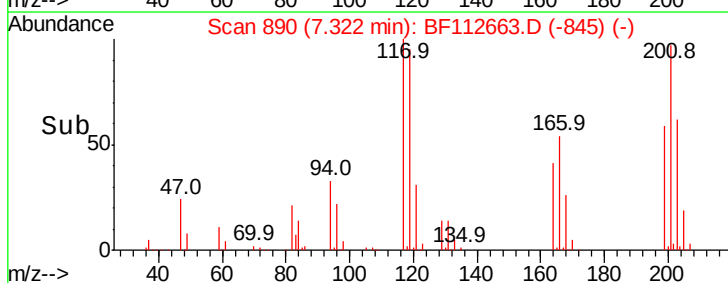
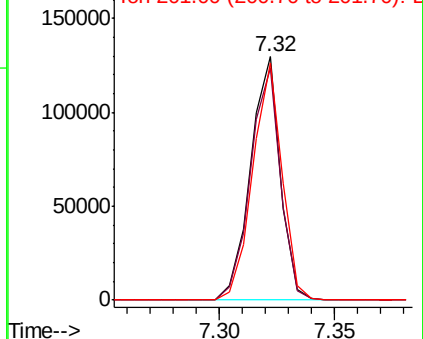
117 100

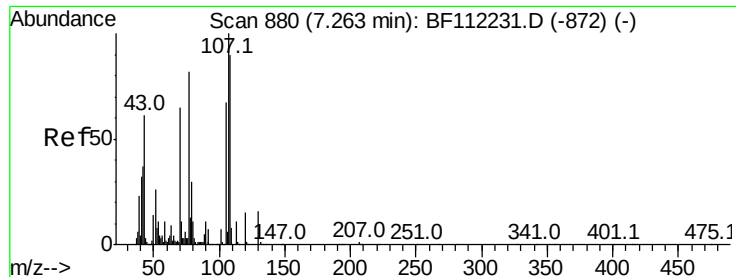
119 95.2 77.0 115.4

201 97.3 74.1 111.1



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





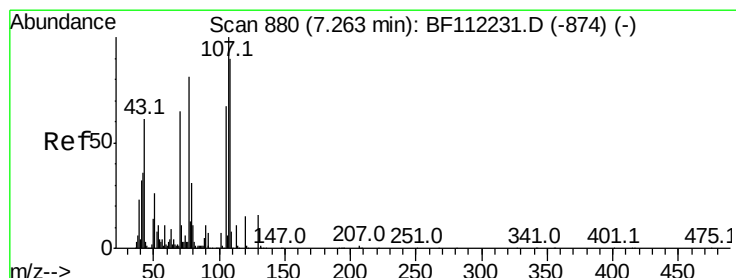
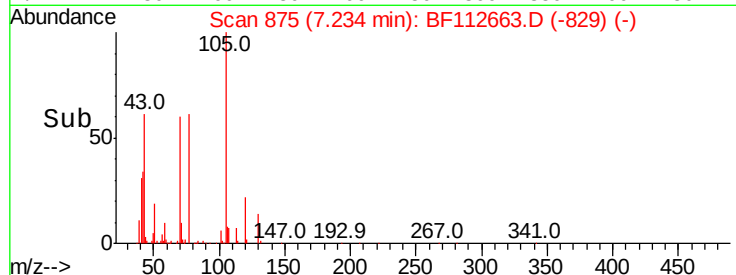
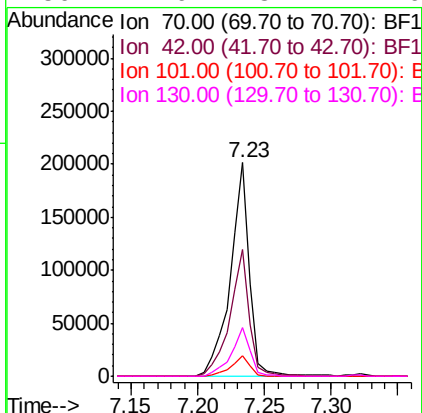
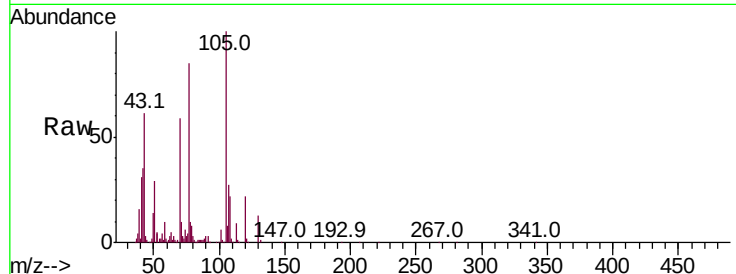
#19
n-Nitroso-di-n-propylamine
Concen: 43.432 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.6	71.4
101	9.6	7.9	11.9
130	22.6	18.4	27.6

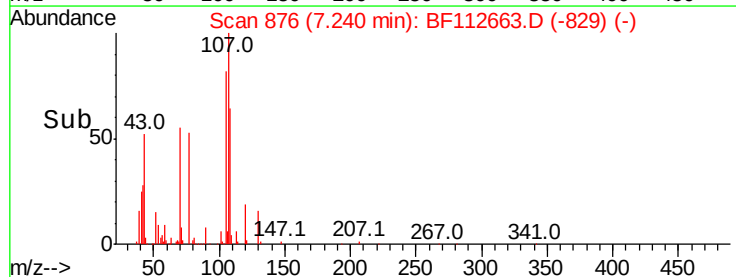
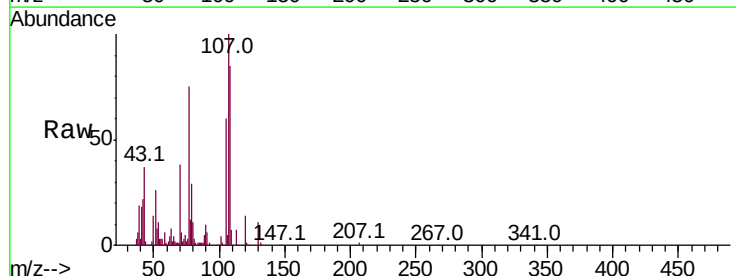
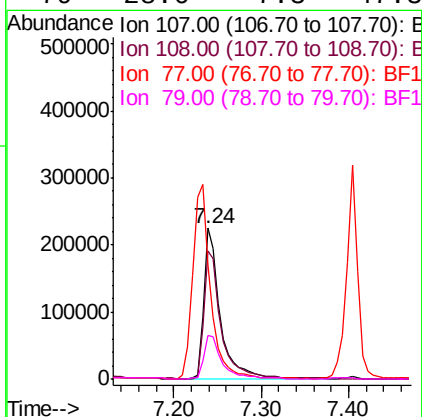
Manual Integrations
APPROVED

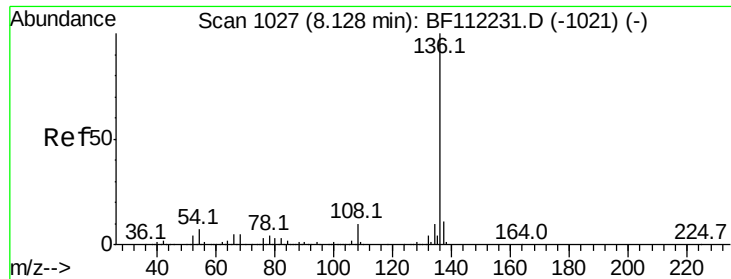
Sohil
2/25/2019 9:20:54 AM



#20
3+4-Methylphenols
Concen: 43.696 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	68.2	108.2
77	75.4	100.7	140.7#
79	28.6	7.3	47.3





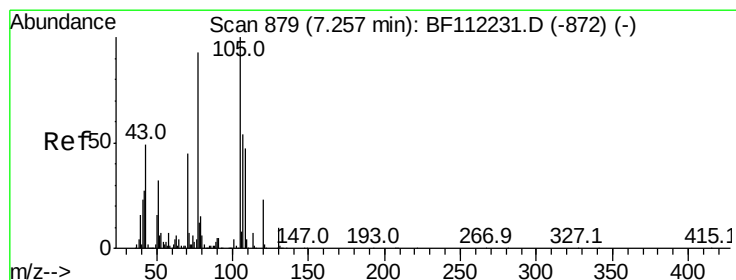
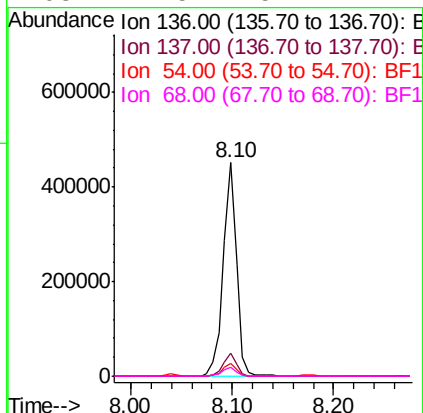
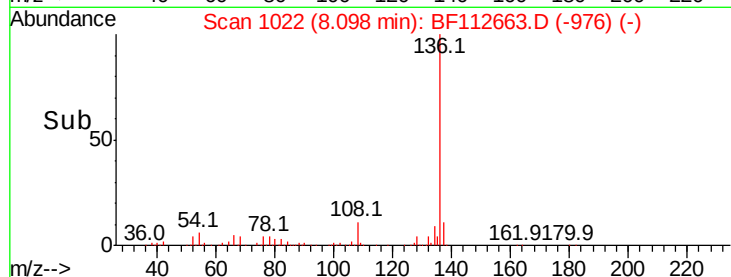
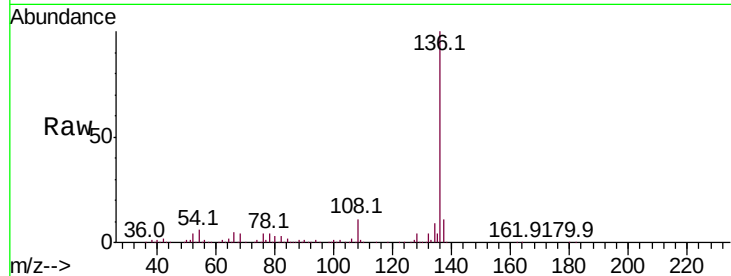
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	6.0	5.9	8.9	
68	4.5	5.1	7.7	

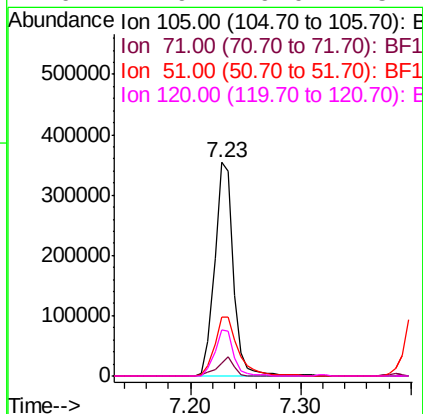
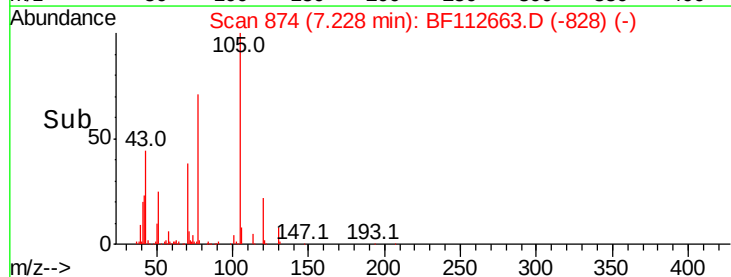
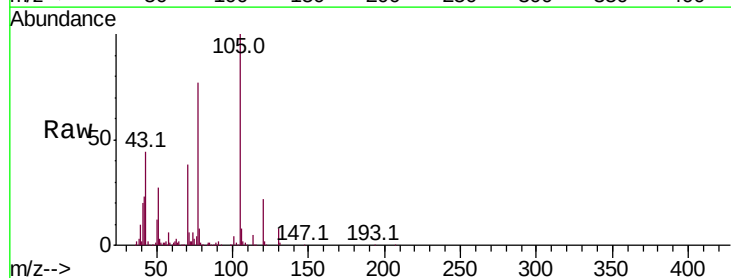
Manual Integrations
APPROVED

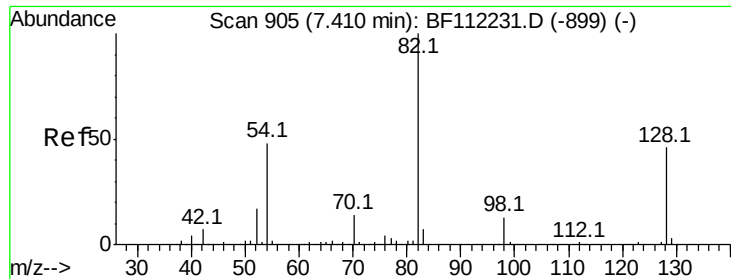
Sohil
2/25/2019 9:20:54 AM



#22
Acetophenone
Concen: 41.337 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.2	4.6	6.8	
51	27.4	25.0	37.6	
120	21.9	19.0	28.4	





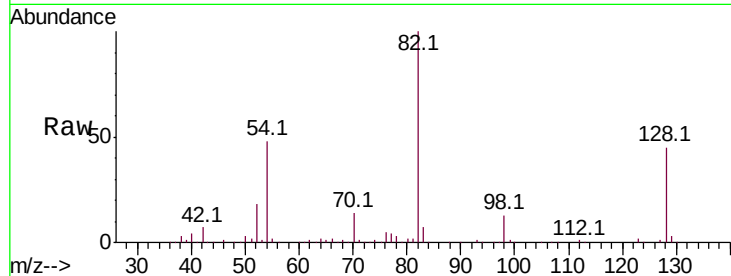
#23
 Nitrobenzene-d5
 Concen: 82.230 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

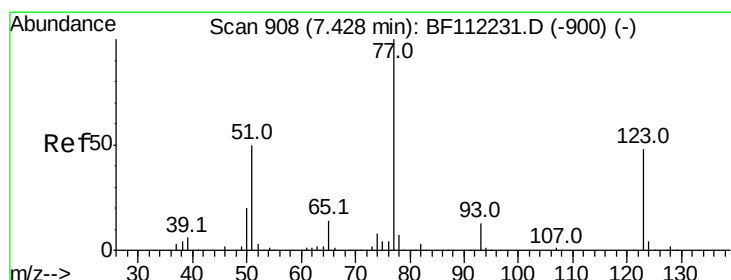
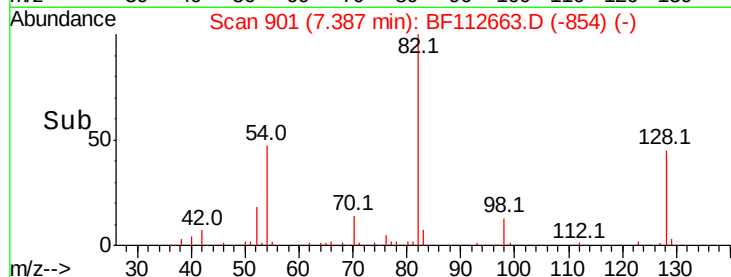
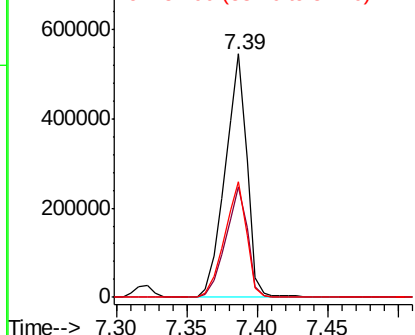
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	37.8	56.8	
54	47.5	39.7	59.5	

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:54 AM

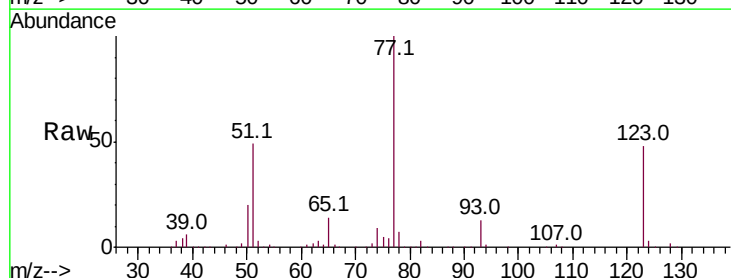


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

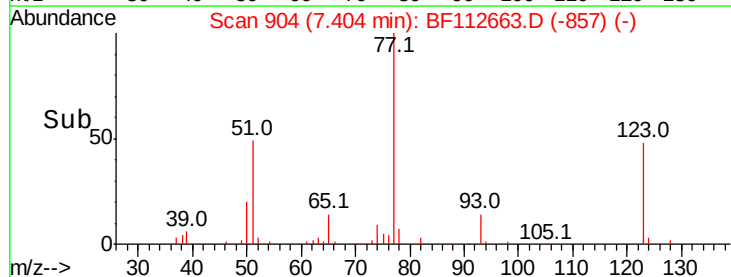
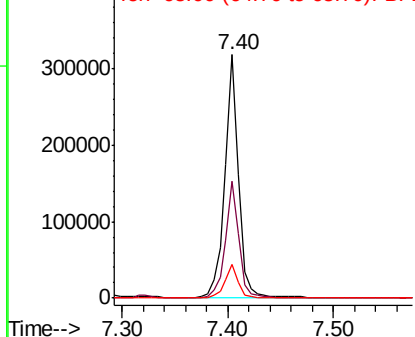


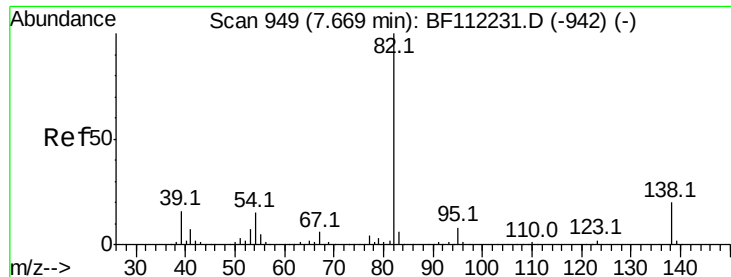
#24
 Nitrobenzene
 Concen: 40.245 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.0	38.4	57.6	
65	13.9	10.6	15.8	



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





#25

Isophorone

Concen: 40.985 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

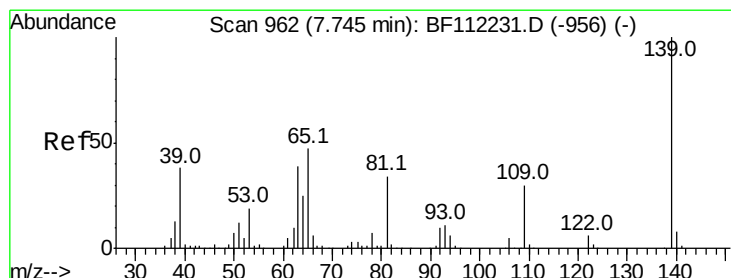
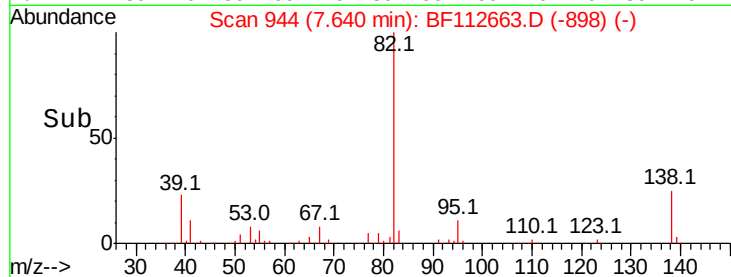
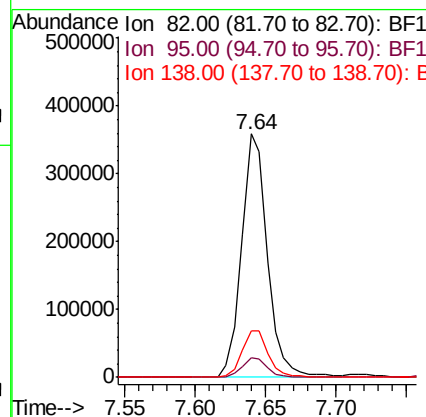
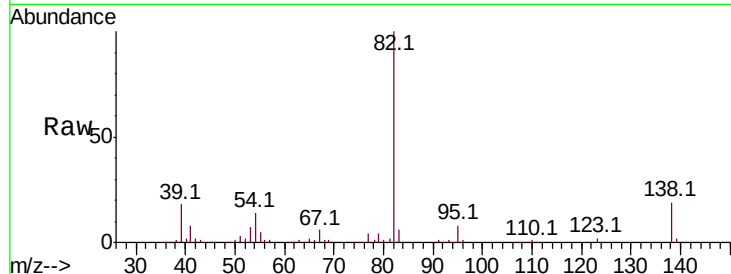
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	458739
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.7	8.5
138	18.9	15.4	23.0

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#26

2-Nitrophenol

Concen: 41.448 ng

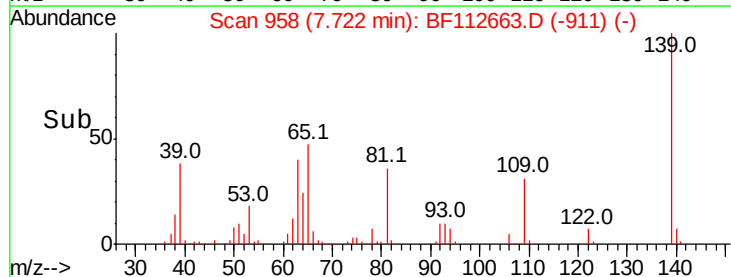
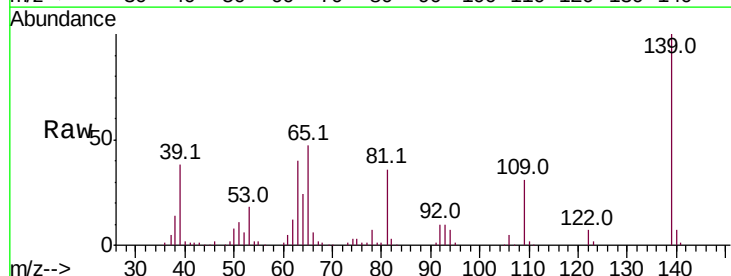
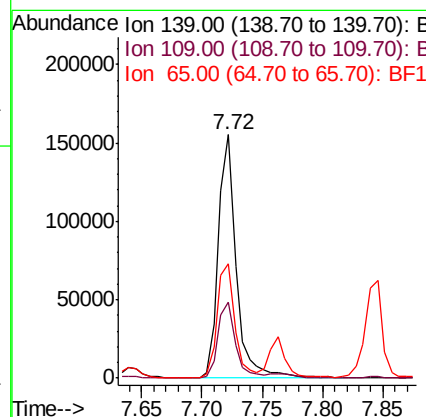
RT: 7.72 min Scan# 958

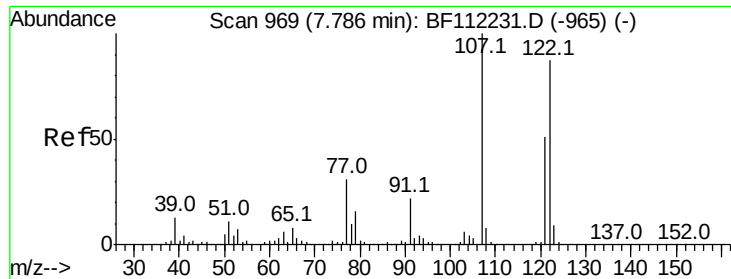
Delta R.T. -0.02 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion:	139	Resp:	157833
Ion Ratio	Lower	Upper	
139	100		
109	31.4	20.8	31.2#
65	47.2	34.4	51.6





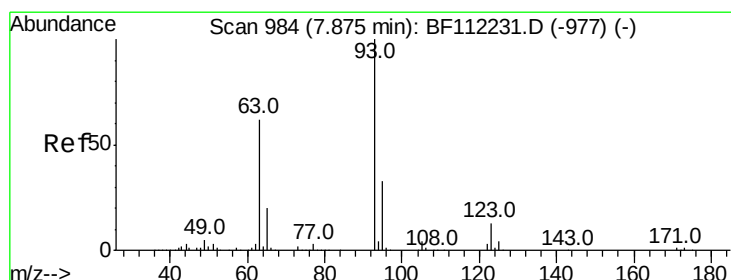
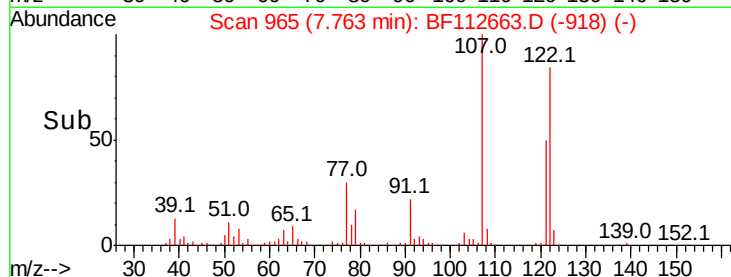
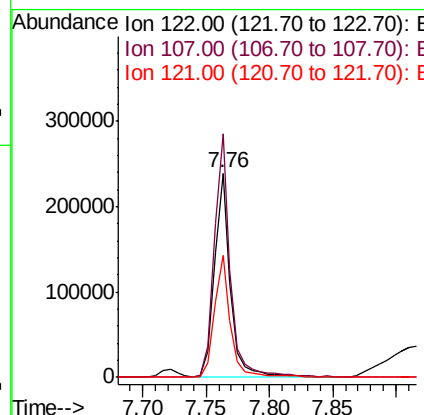
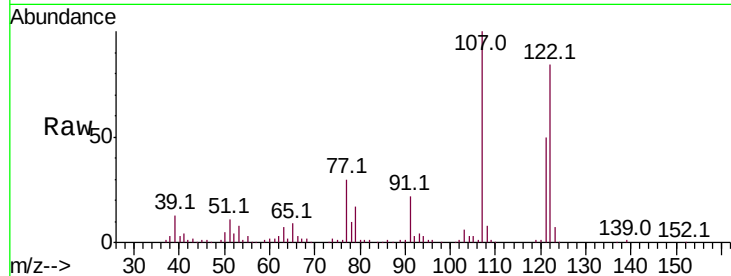
#27
2,4-Dimethylphenol
Concen: 40.130 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	85.4	128.0
121	59.8	47.0	70.4

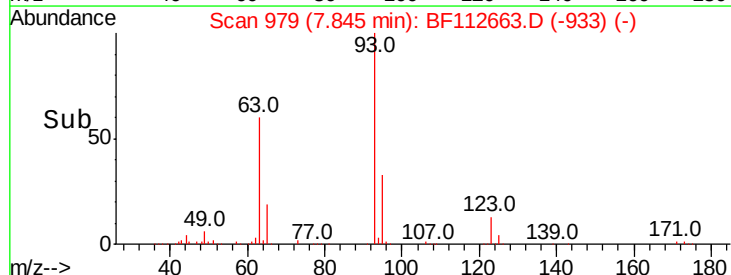
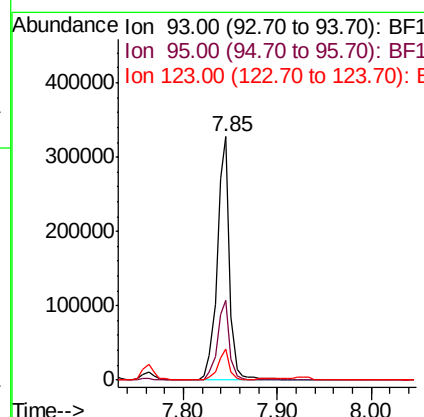
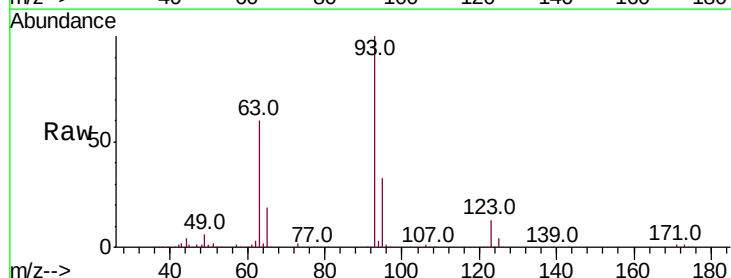
Manual Integrations
APPROVED

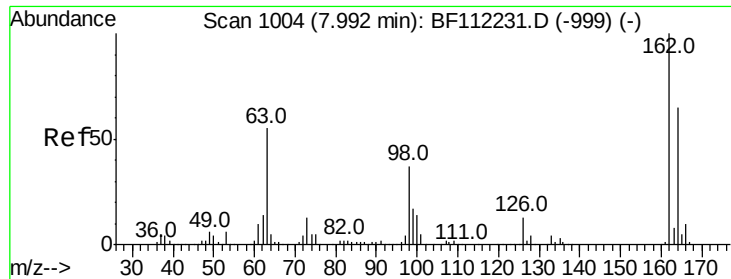
Sohil
2/25/2019 9:20:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.411 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.8	40.2
123	12.6	10.2	15.2





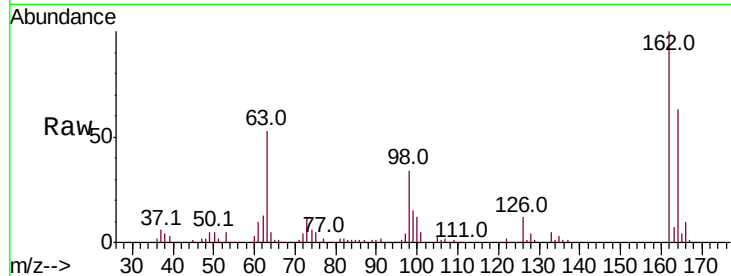
#29
 2,4-Dichlorophenol
 Concen: 40.511 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

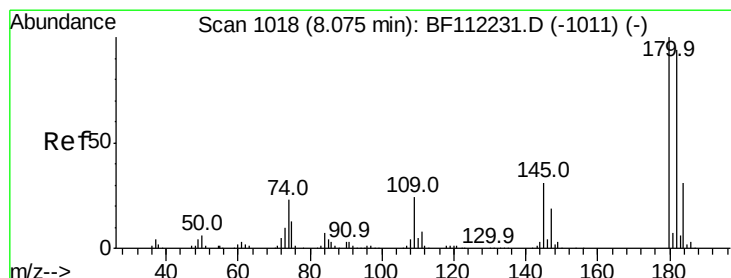
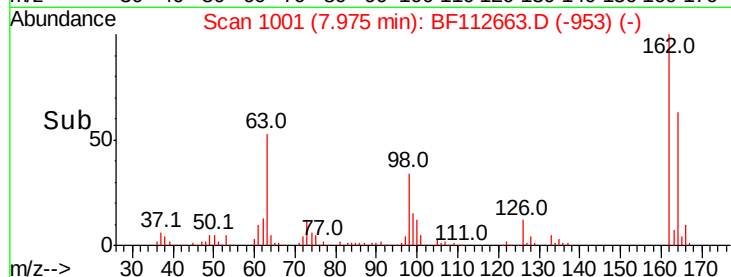
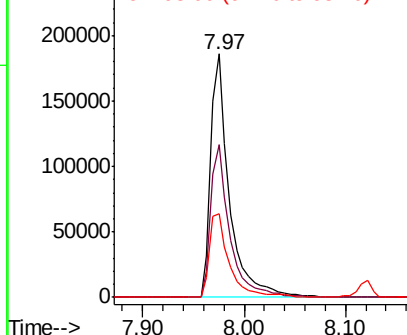
Tot Ion	Ratio	Resp	Lower	Upper
162	100	237850		
164	62.8		44.6	84.6
98	34.3		14.6	54.6

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:54 AM

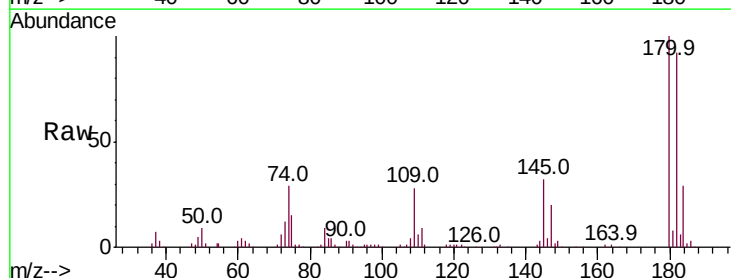


Abundance Ion 162.00 (161.70 to 162.70): E
 250000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

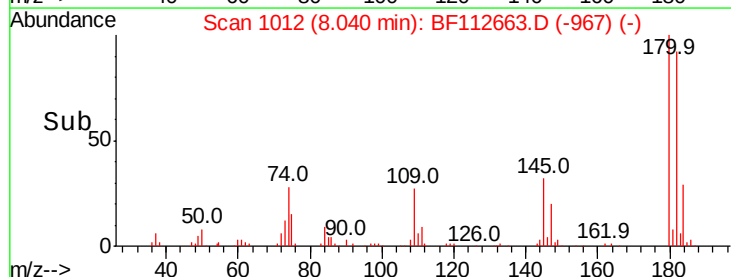
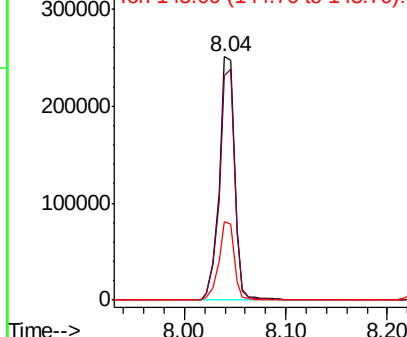


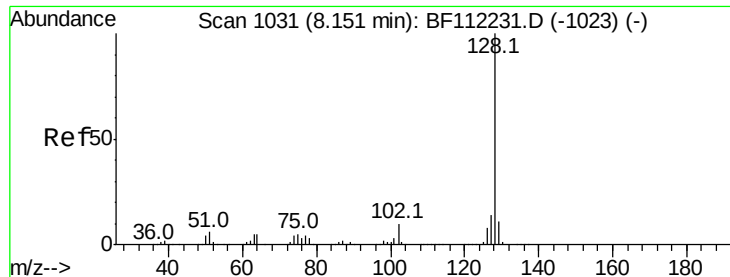
#30
 1,2,4-Trichlorobenzene
 Concen: 39.276 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.04 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	265070		
182	92.3		76.4	114.6
145	32.1		25.0	37.4



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





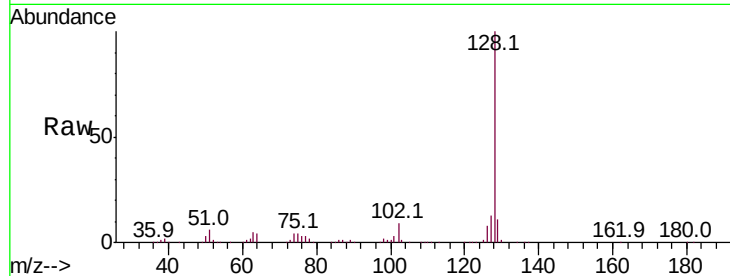
#31
Naphthalene
Concen: 39.663 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.6	14.4
127	13.4	11.1	16.7

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM

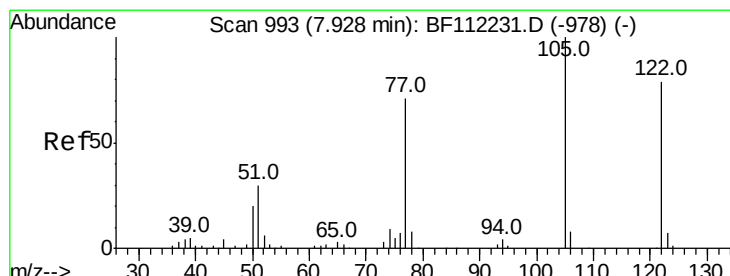
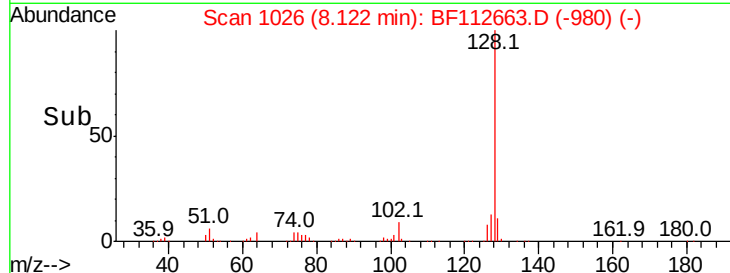
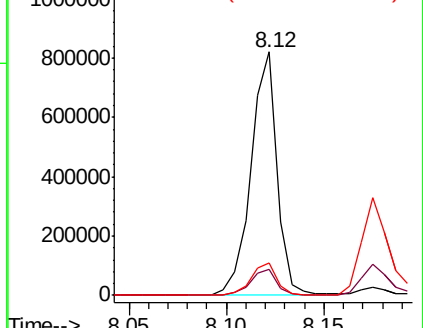


Abundance

Ion 128.00 (127.70 to 128.70): E

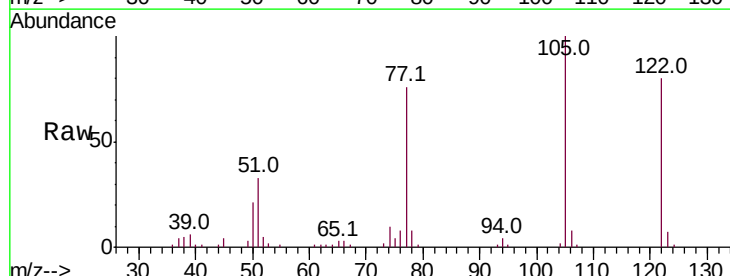
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.914 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	101.2	141.2
77	94.8	70.4	110.4

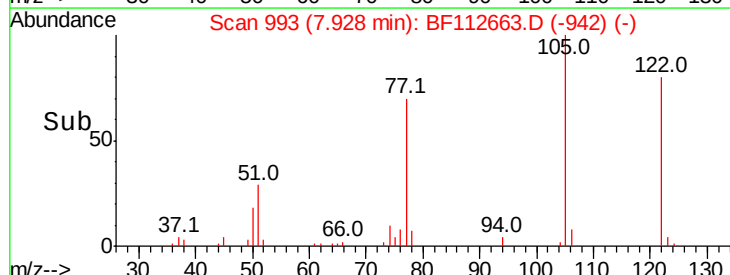
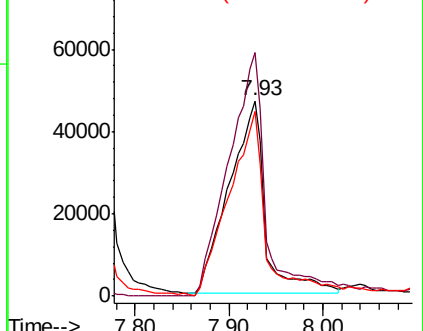


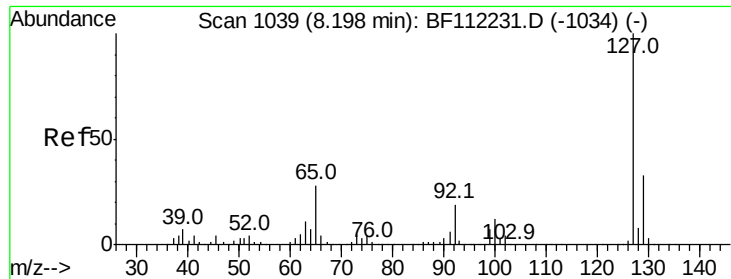
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





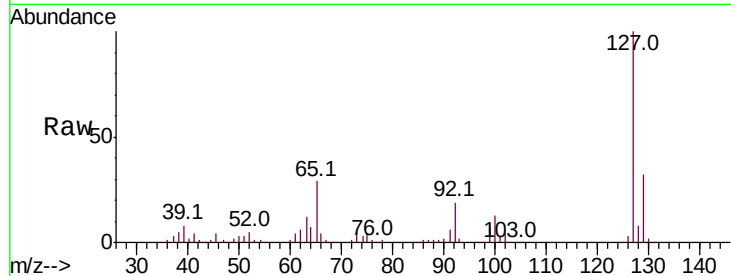
#33
4-Chloroaniline
Concen: 40.526 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.6	39.8		
65	29.4	21.4	32.2		
92	18.6	14.2	21.2		

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



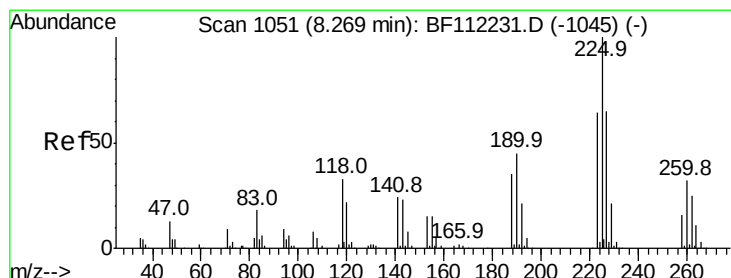
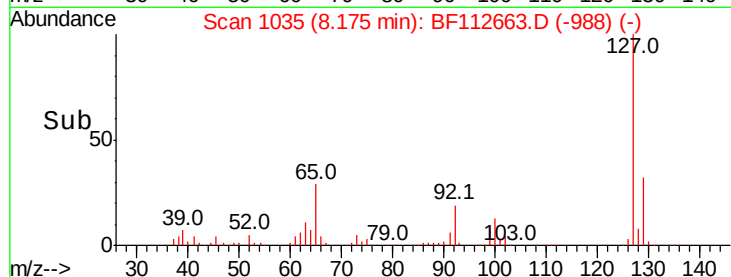
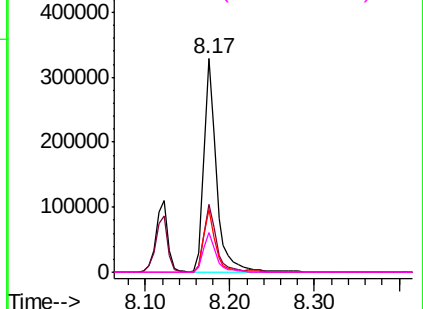
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.122 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

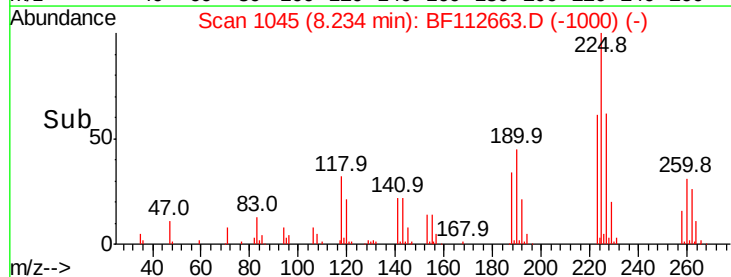
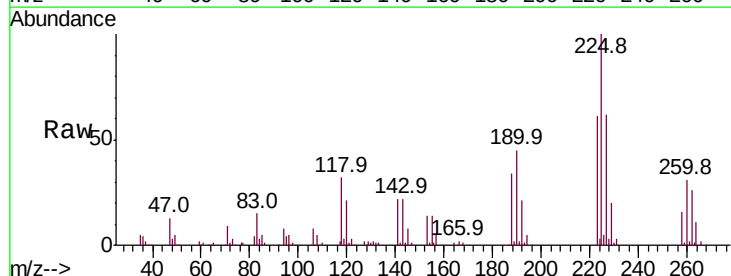
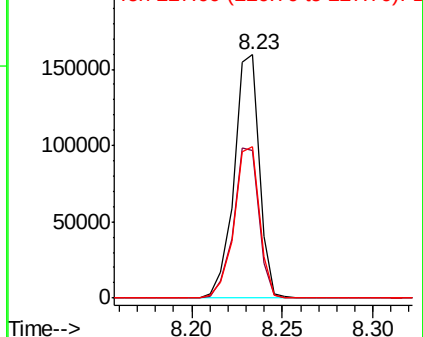
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	50.3	75.5		
227	62.4	51.8	77.8		

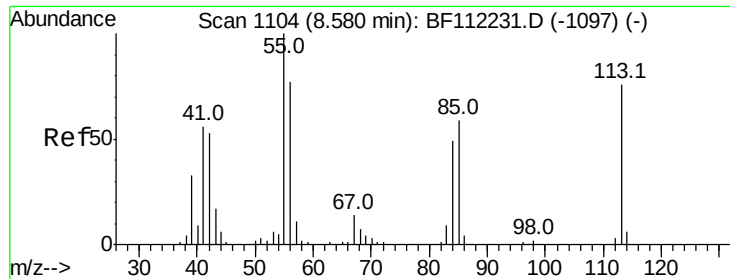
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





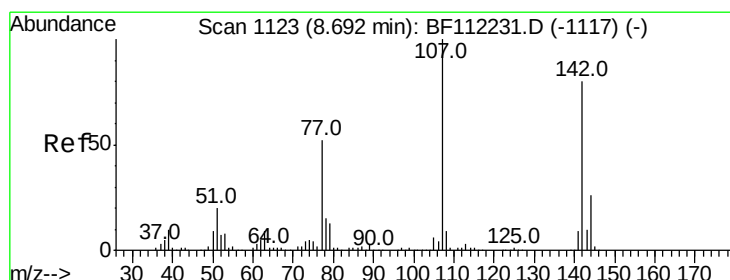
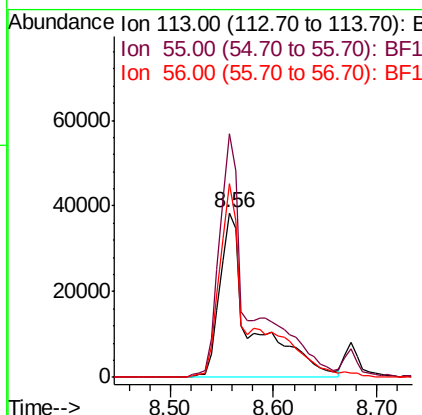
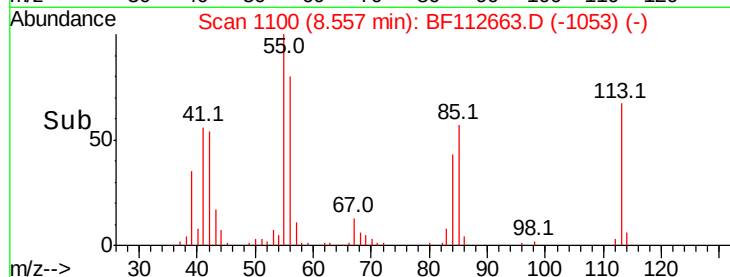
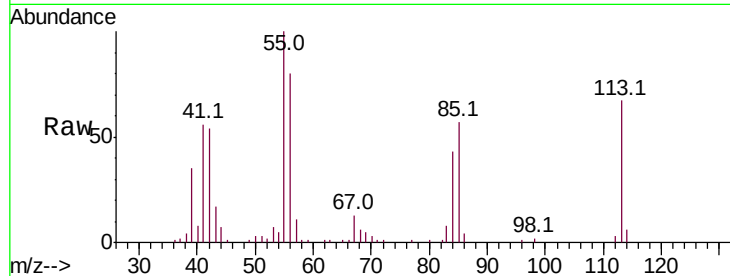
#35
Caprolactam
Concen: 40.066 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.2	121.6	161.6
56	118.1	86.7	126.7

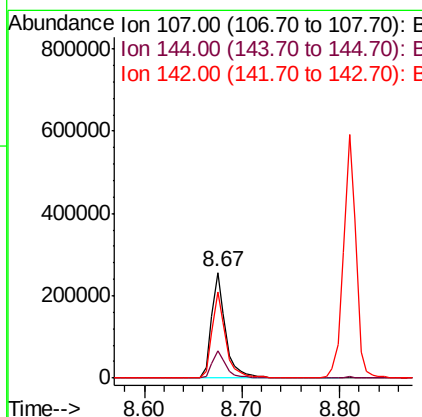
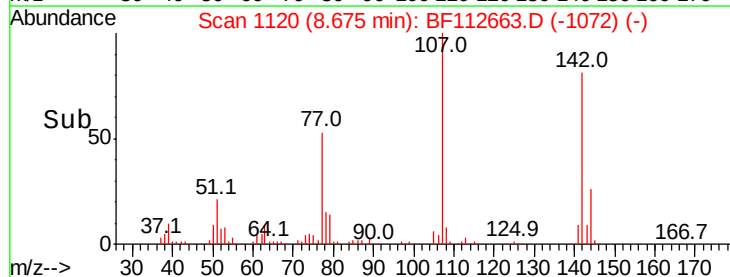
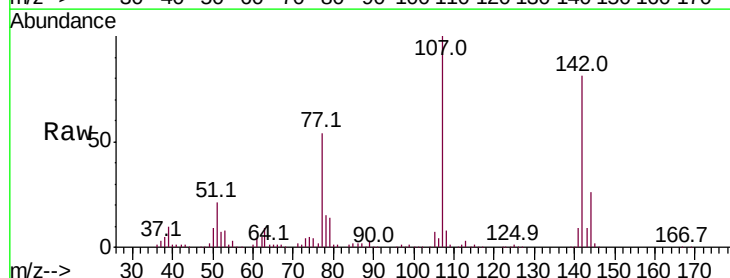
Manual Integrations
APPROVED

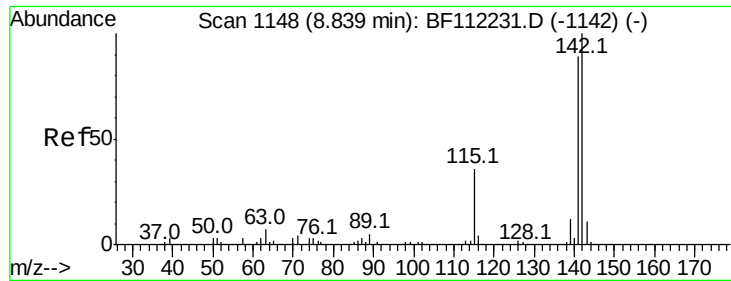
Sohil
2/25/2019 9:20:54 AM



#36
4-Chloro-3-methylphenol
Concen: 41.904 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	22.2	33.2
142	81.4	67.7	101.5





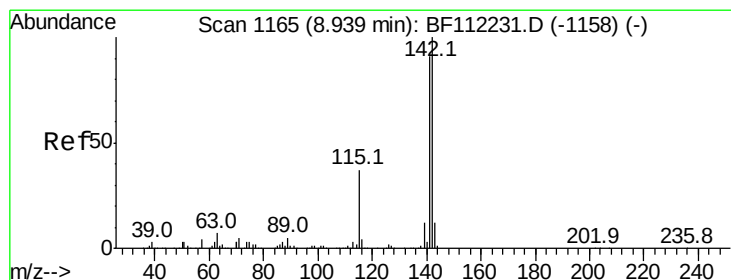
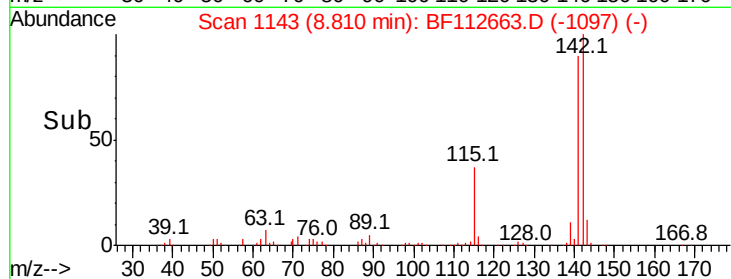
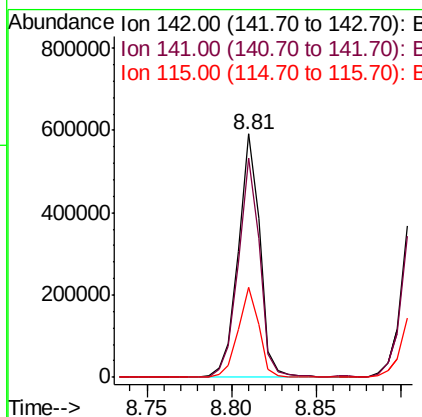
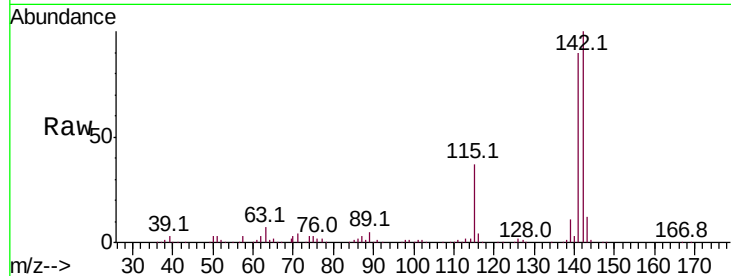
#37
2-Methylnaphthalene
Concen: 39.812 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3
115	37.0	24.9	37.3

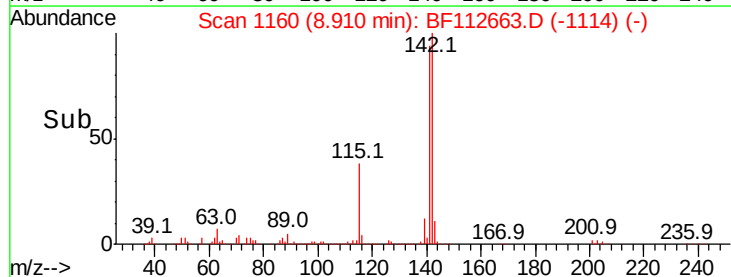
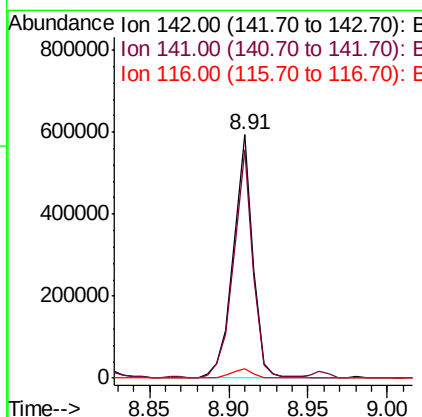
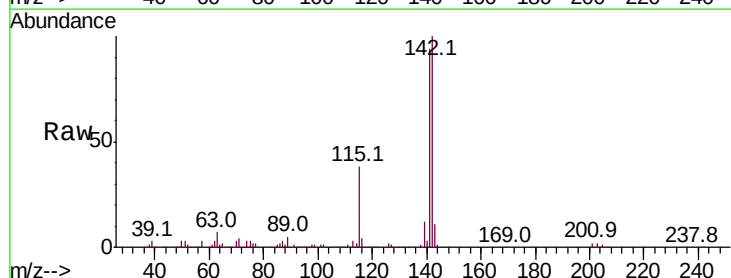
Manual Integrations
APPROVED

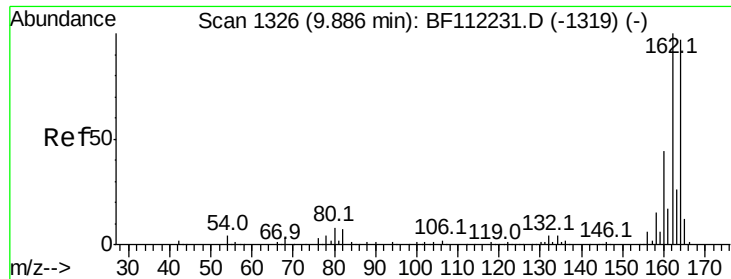
Sohil
2/25/2019 9:20:54 AM



#38
1-Methylnaphthalene
Concen: 40.093 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.6	108.8
116	3.8	2.8	4.2





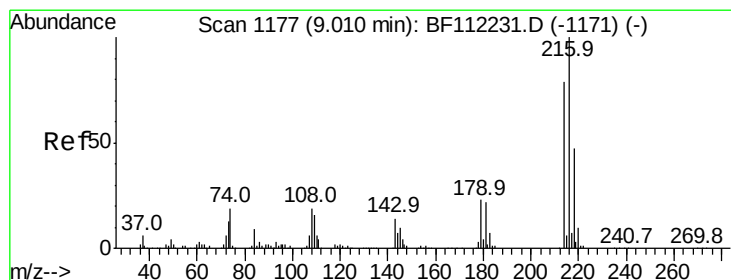
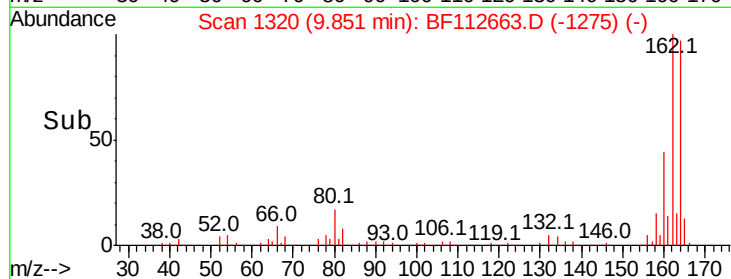
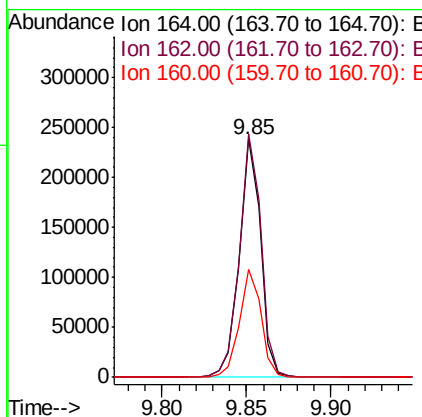
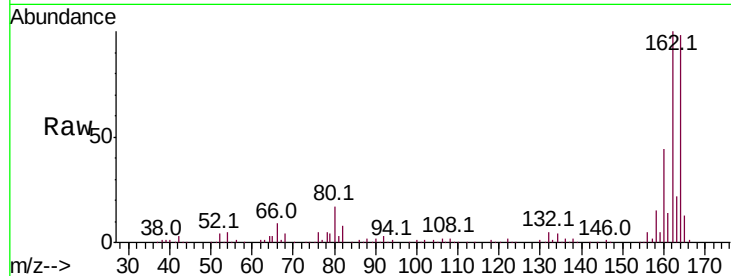
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	208378		
162	102.2		82.2	123.4
160	45.2		36.2	54.4

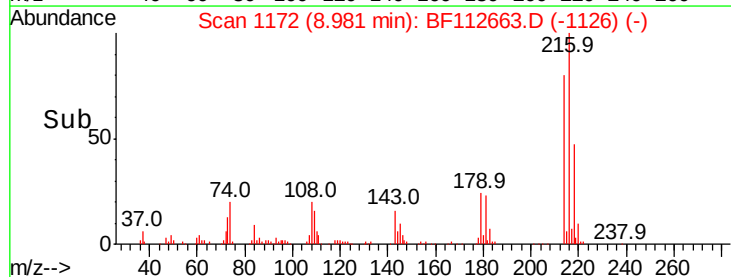
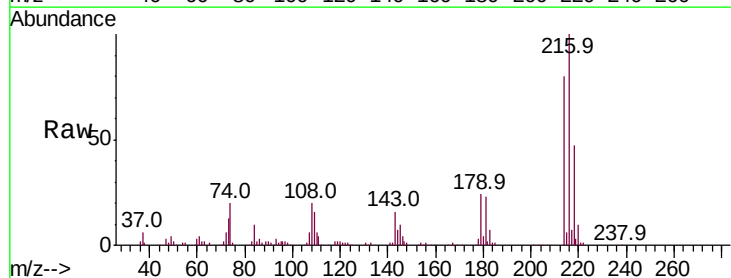
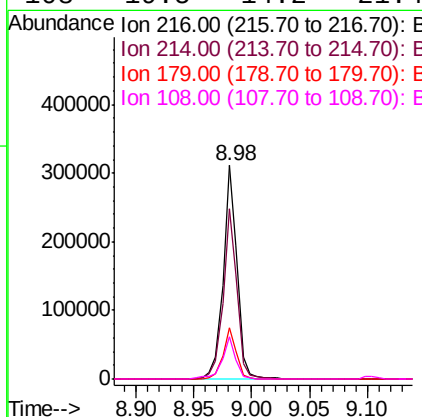
Manual Integrations
APPROVED

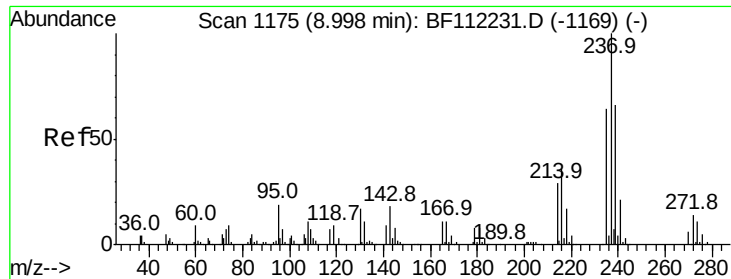
Sohil
2/25/2019 9:20:54 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.921 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	259448		
214	79.4		63.8	95.6
179	22.9		16.9	25.3
108	19.5		14.2	21.4





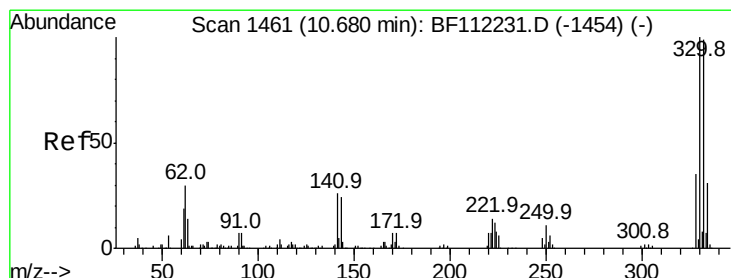
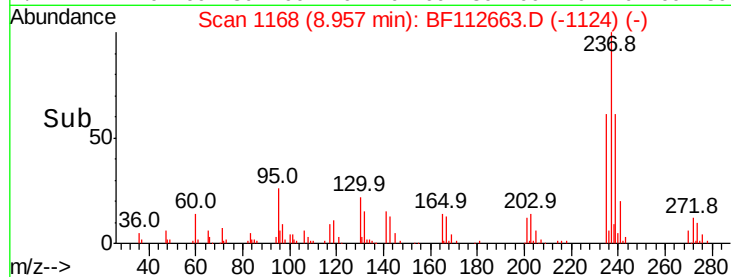
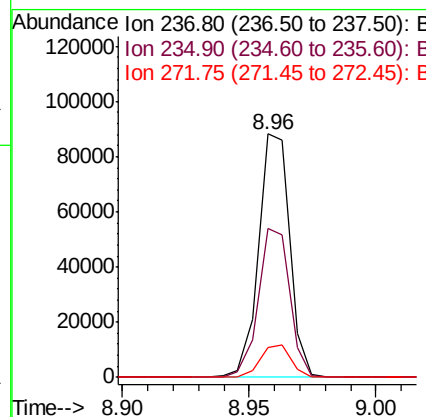
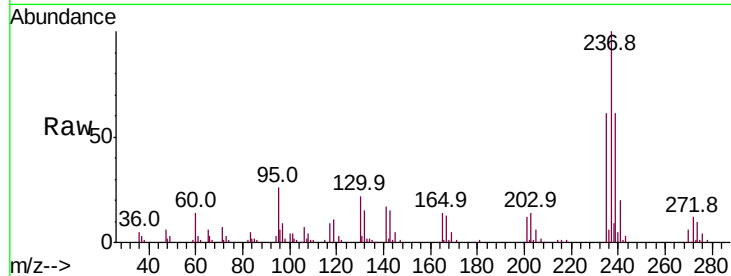
#41
Hexachlorocyclopentadiene
Concen: 35.364 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.0	44.0	84.0
272	12.5	0.0	33.3

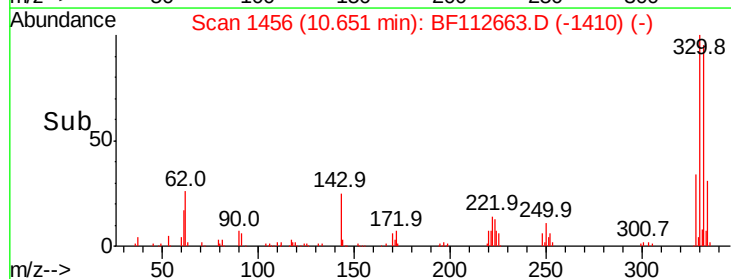
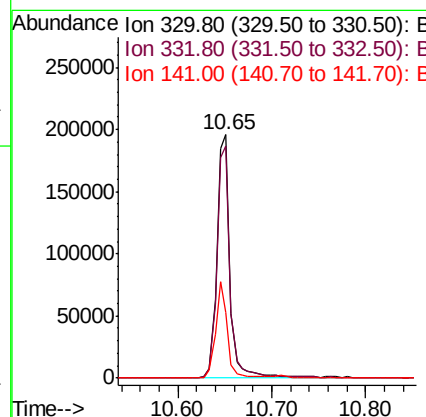
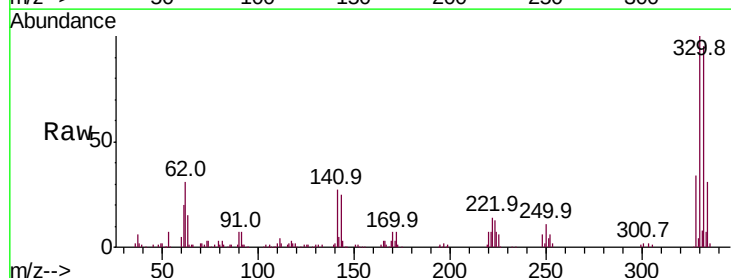
Manual Integrations
APPROVED

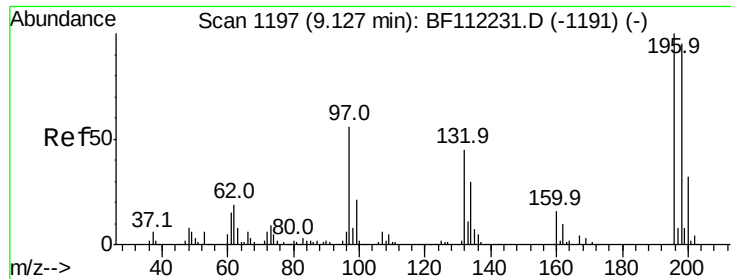
Sohil
2/25/2019 9:20:54 AM



#42
2,4,6-Tribromophenol
Concen: 81.514 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	76.6	114.8
141	34.8	24.3	36.5





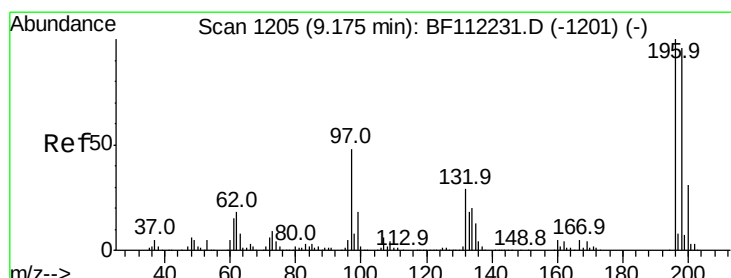
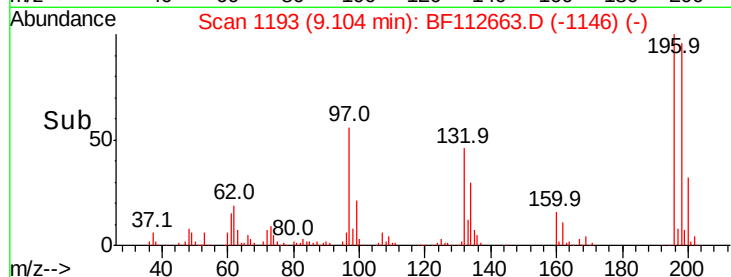
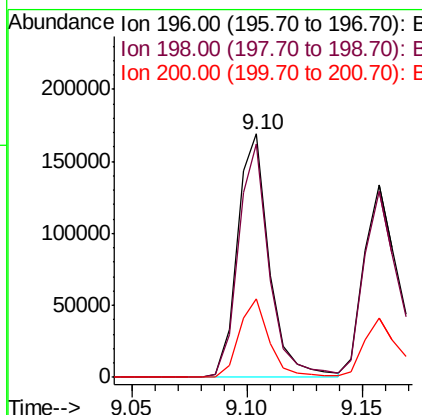
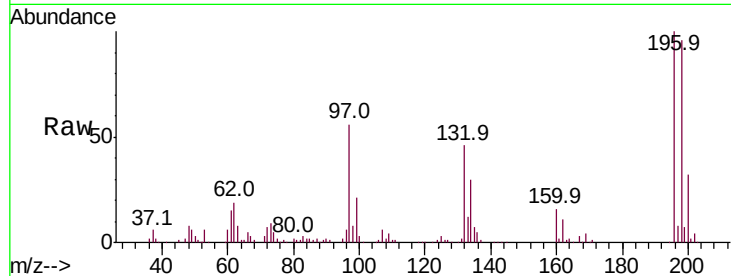
#43
 2,4,6-Trichlorophenol
 Concen: 38.600 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162790		
198	96.1	76.2	114.4	
200	32.2	24.3	36.5	

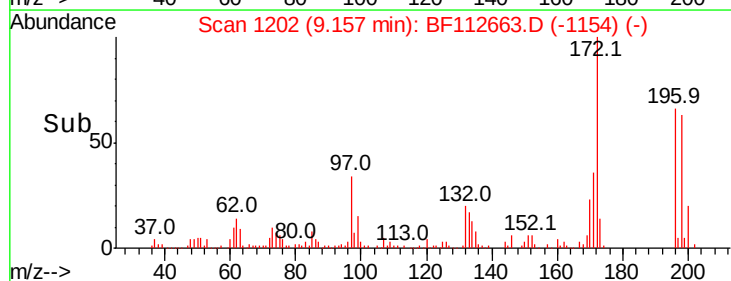
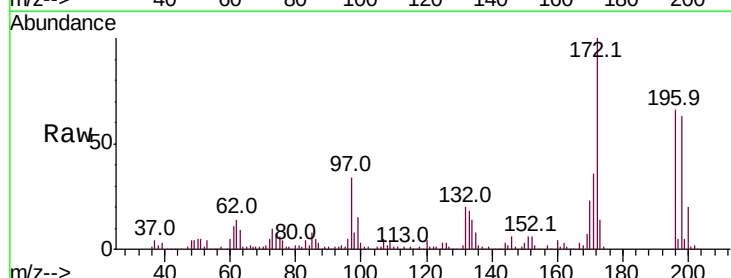
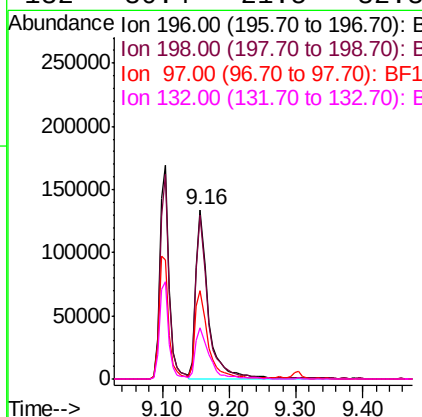
Manual Integrations
 APPROVED

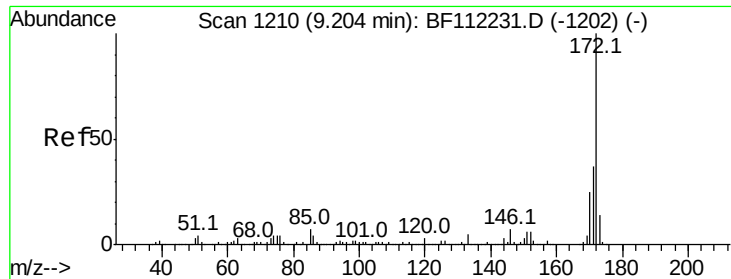
Sohil
 2/25/2019 9:20:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.936 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167211		
198	96.6	76.0	114.0	
97	52.1	36.4	54.6	
132	30.4	21.5	32.3	





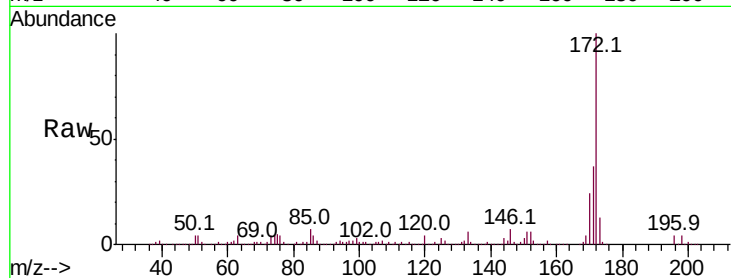
#45
2-Fluorobiphenyl
Concen: 80.202 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.1	20.2	30.4

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM

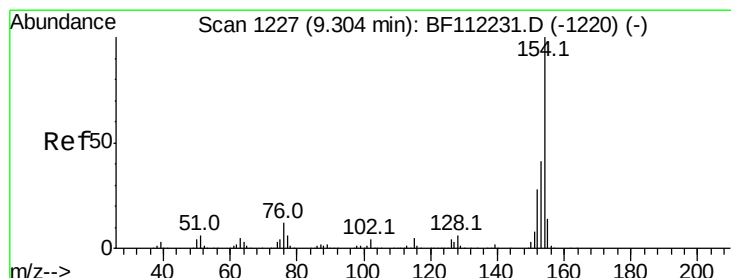
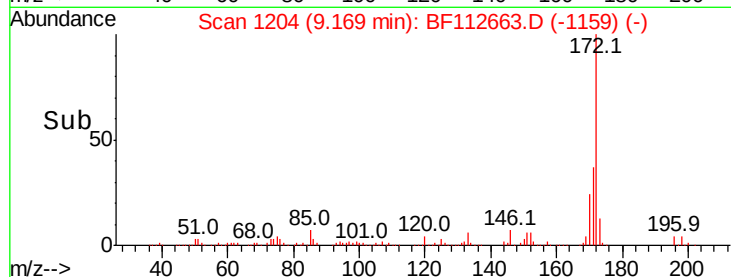
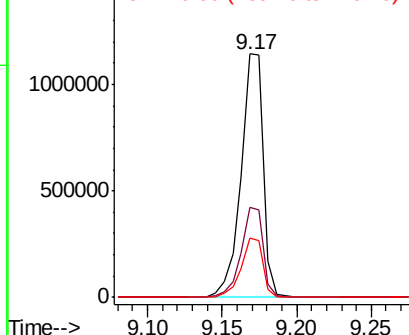


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.468 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

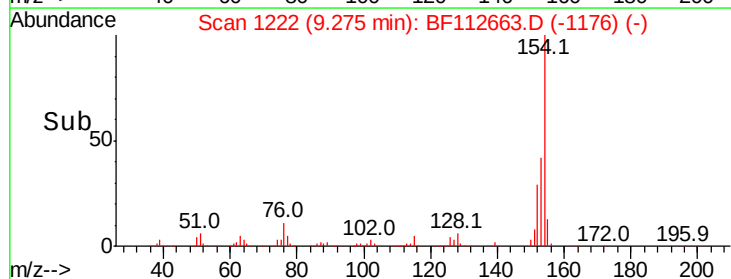
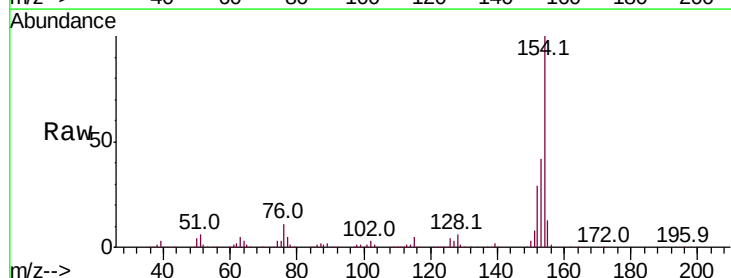
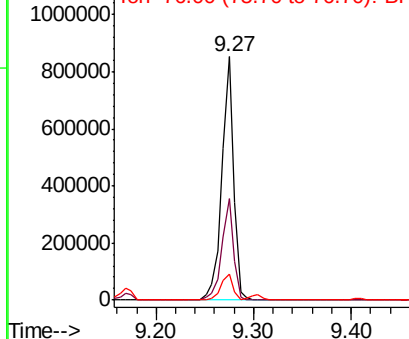
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.5	61.5
76	10.9	0.0	33.1

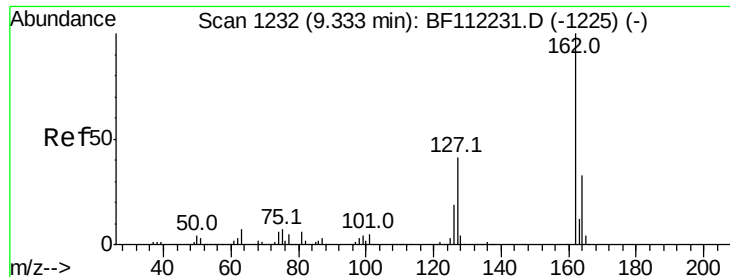
Abundance

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





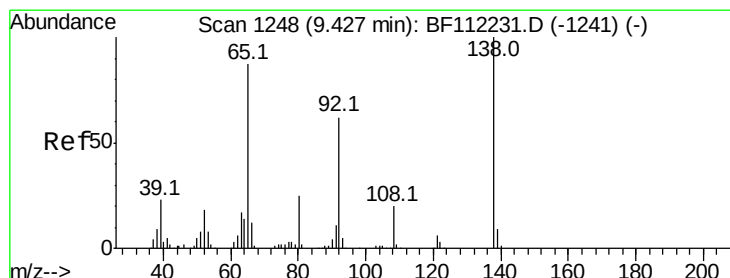
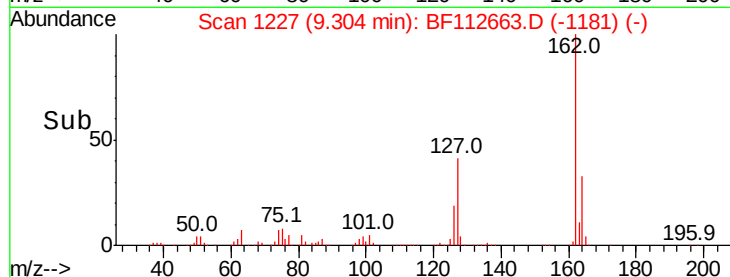
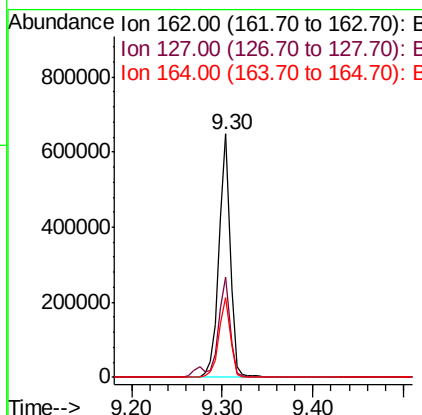
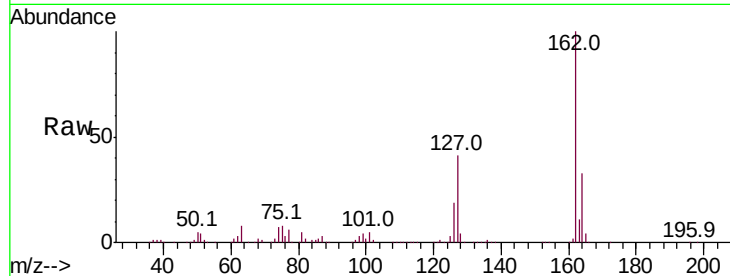
#47
 2-Chloronaphthalene
 Concen: 39.066 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.4	30.4	45.6		
164	32.8	27.4	41.2		

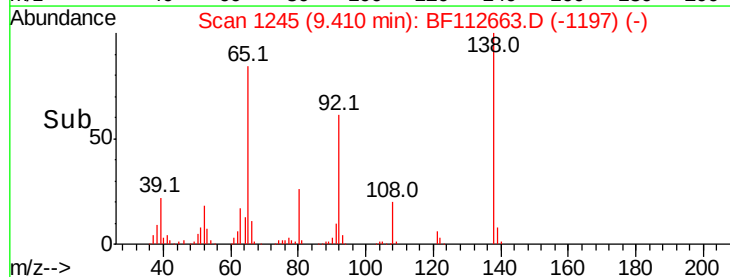
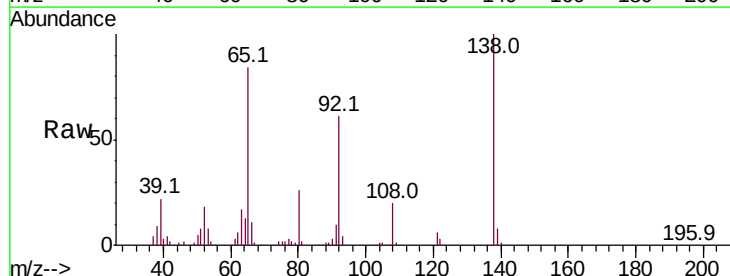
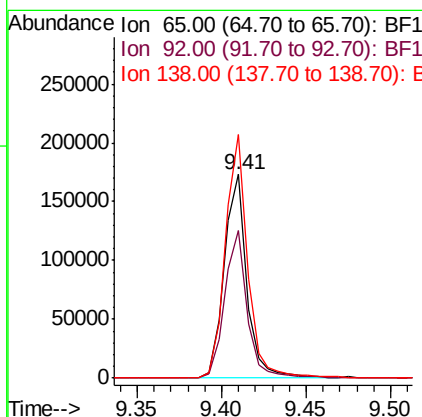
Manual Integrations
 APPROVED

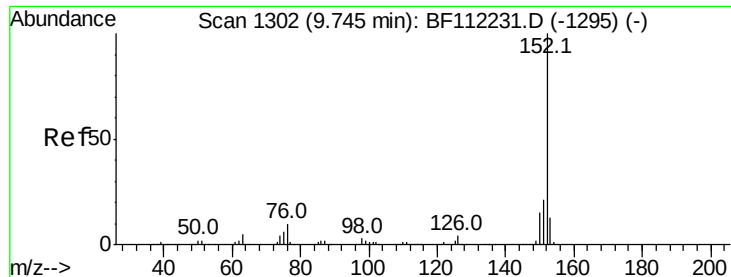
Sohil
 2/25/2019 9:20:54 AM



#48
 2-Nitroaniline
 Concen: 42.161 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	72.5	60.4	90.6		
138	119.5	104.4	156.6		





#49

Acenaphthylene

Concen: 39.008 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

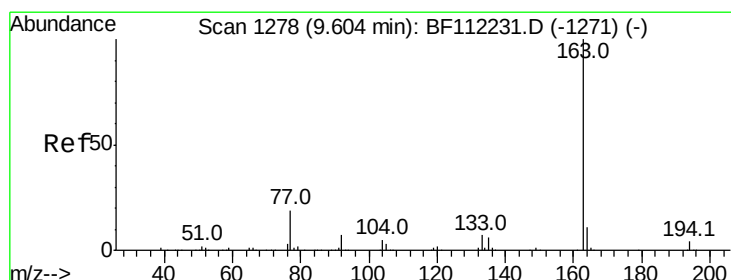
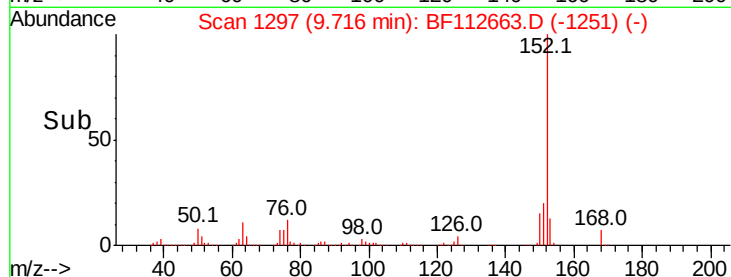
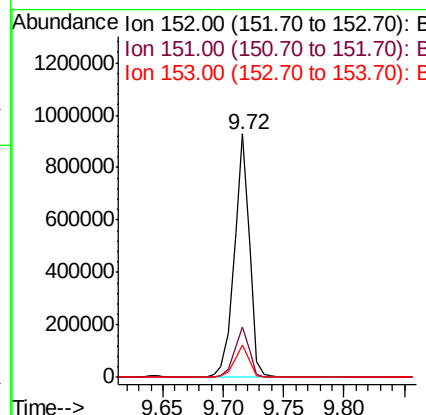
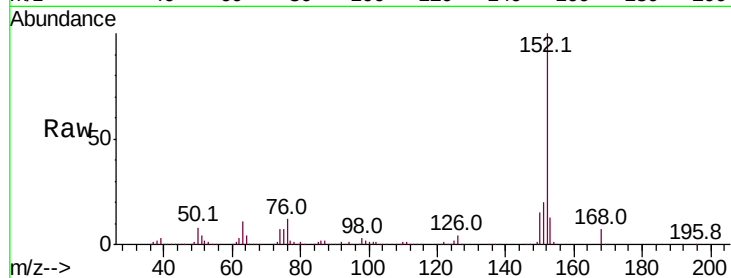
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	807693
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.0	25.6
153	13.2	11.2	16.8

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#50

Dimethylphthalate

Concen: 38.534 ng

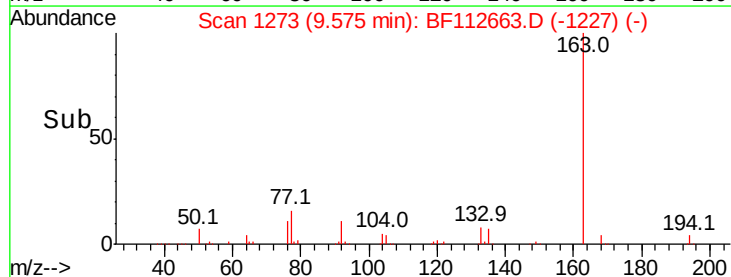
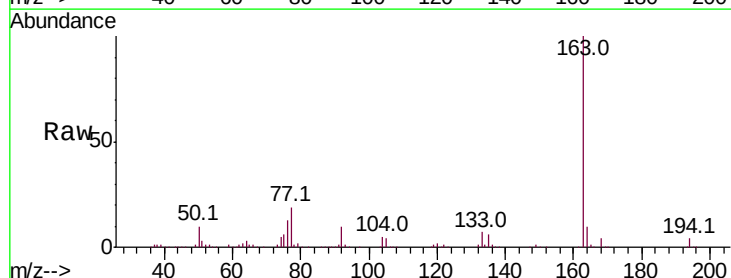
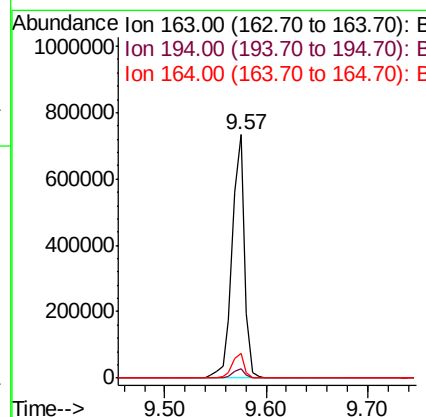
RT: 9.57 min Scan# 1273

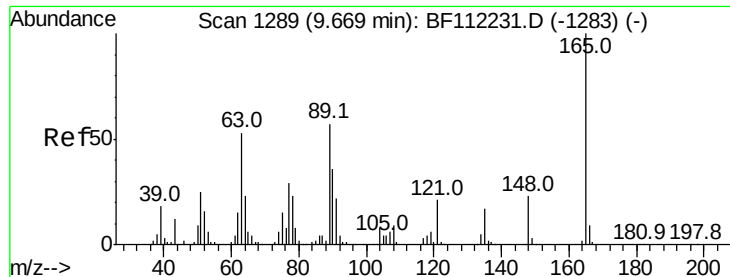
Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion:	163	Resp:	623859
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.3	4.9
164	10.0	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 39.675 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

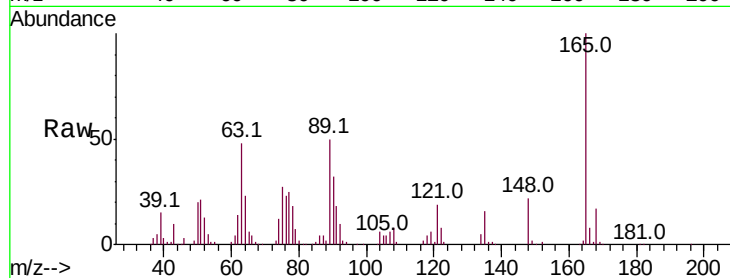
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	143858
Ion Ratio	Lower	Upper	
165	100		
63	47.9	33.8	50.8
89	50.1	36.9	55.3

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM

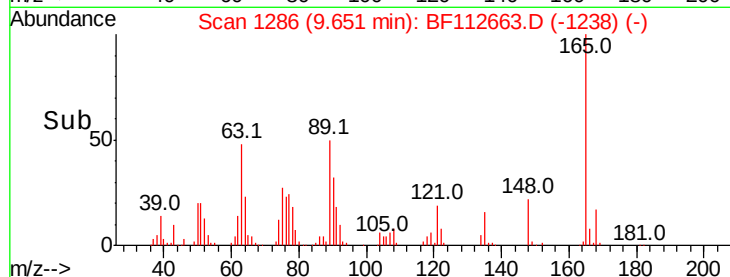


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

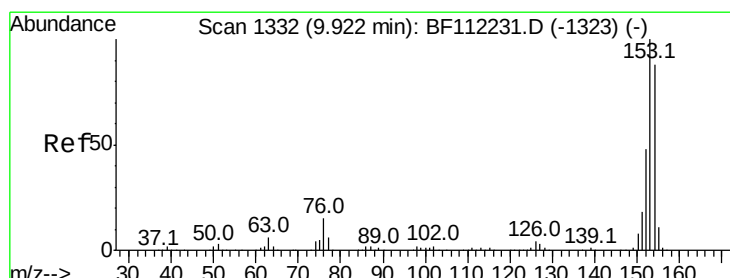
Ion 89.00 (88.70 to 89.70): BF1

Time-->



Abundance

Time-->



#52

Acenaphthene

Concen: 39.943 ng

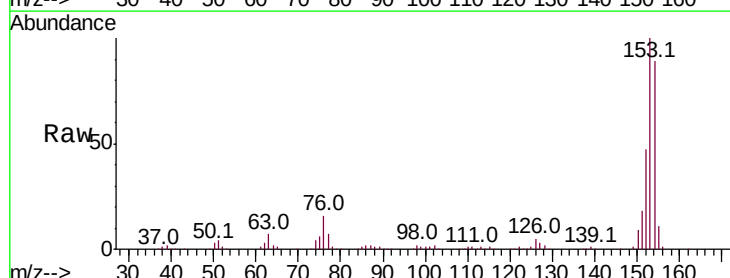
RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion:	154	Resp:	494055
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.8	134.6
152	53.5	43.5	65.3

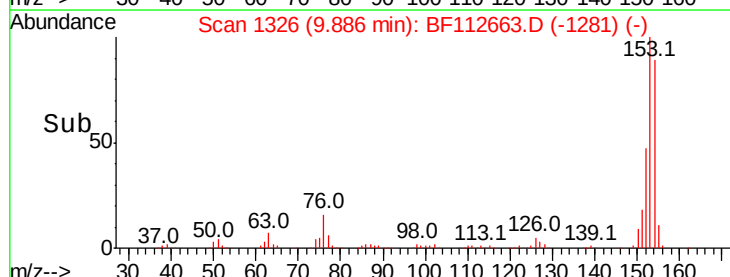


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

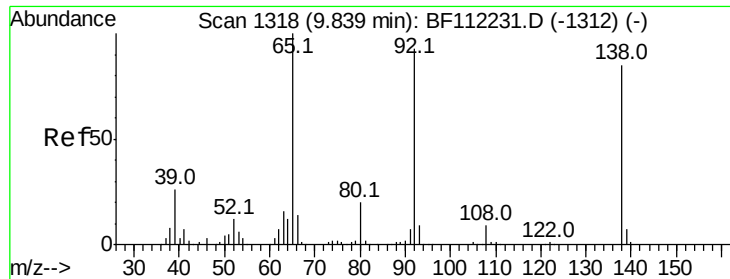
Ion 152.00 (151.70 to 152.70): E

Time-->



Abundance

Time-->



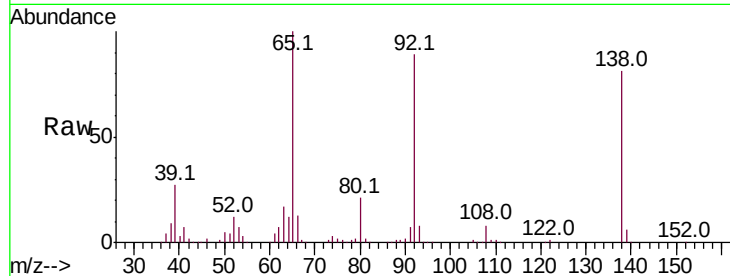
#53
3-Nitroaniline
Concen: 41.165 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

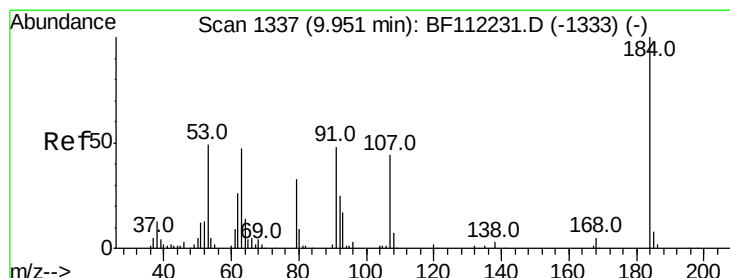
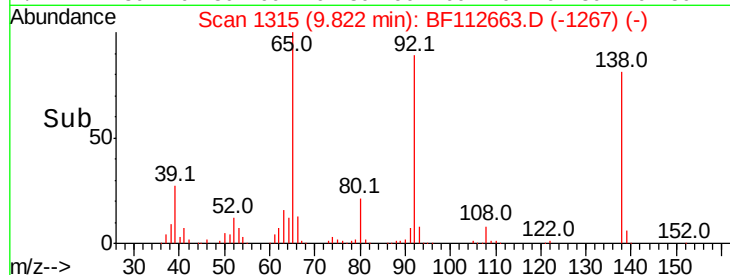
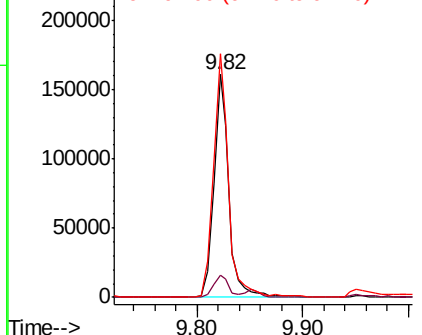
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.8	14.6
92	109.2	79.4	119.2

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



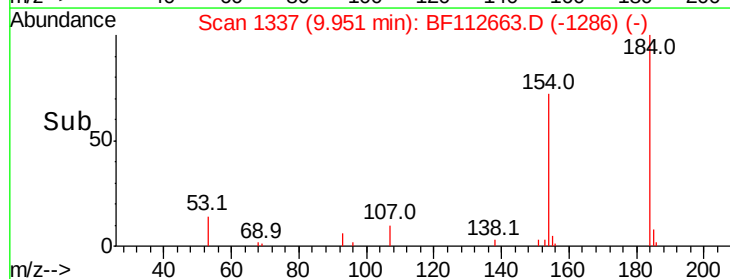
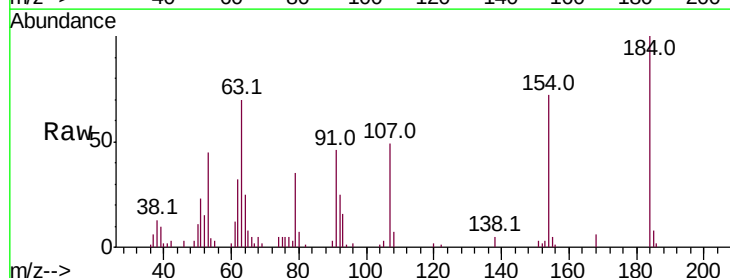
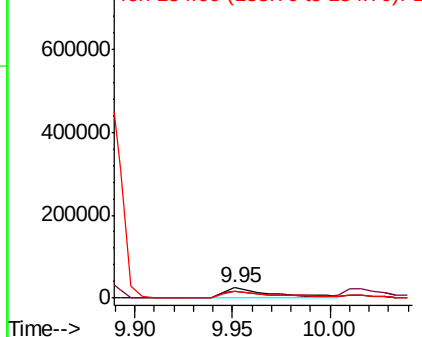
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

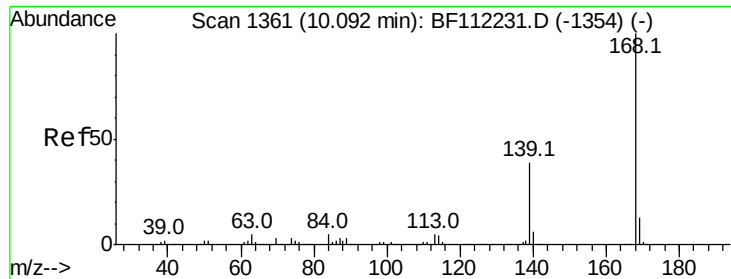


#54
2,4-Dinitrophenol
Concen: 37.564 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.1	47.1	70.7
154	71.9	48.9	73.3

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





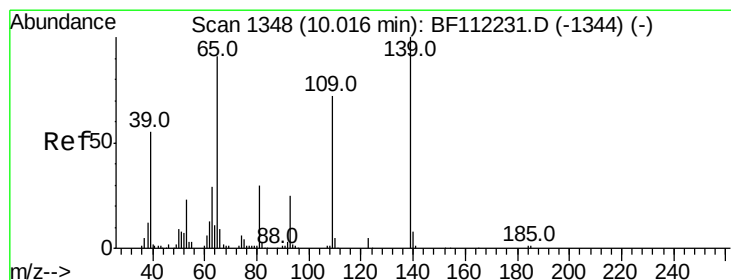
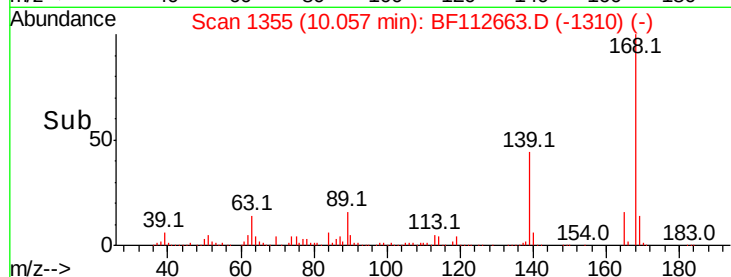
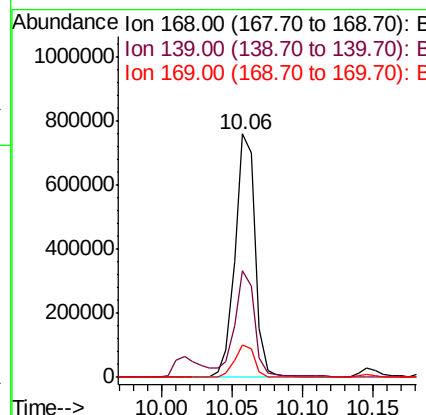
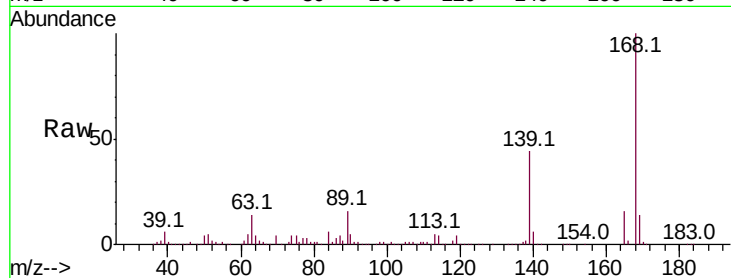
#55
Dibenzofuran
Concen: 39.848 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.7	29.2	43.8
169	13.5	11.4	17.0

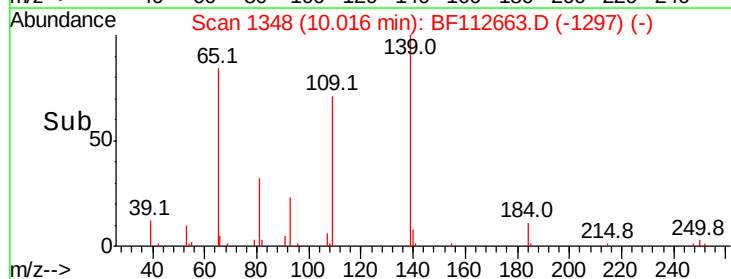
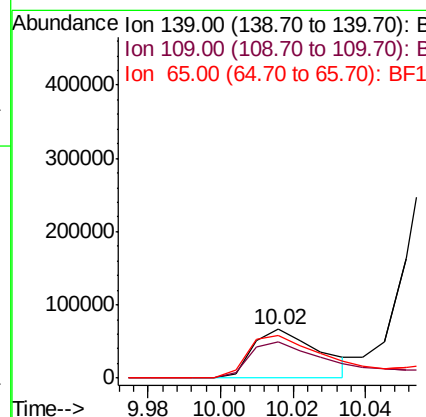
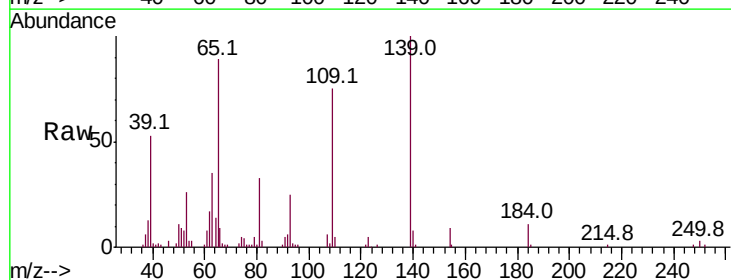
Manual Integrations
APPROVED

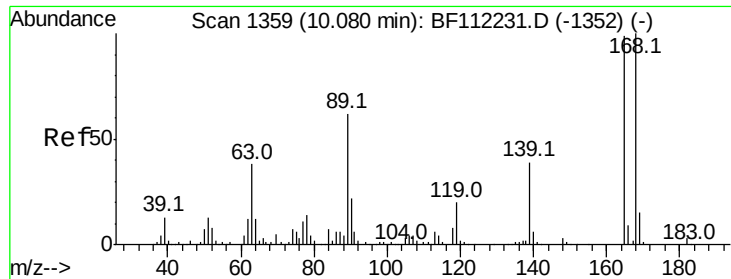
Sohil
2/25/2019 9:20:54 AM



#56
4-Nitrophenol
Concen: 40.546 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.2	42.8	82.8
65	88.7	66.1	106.1





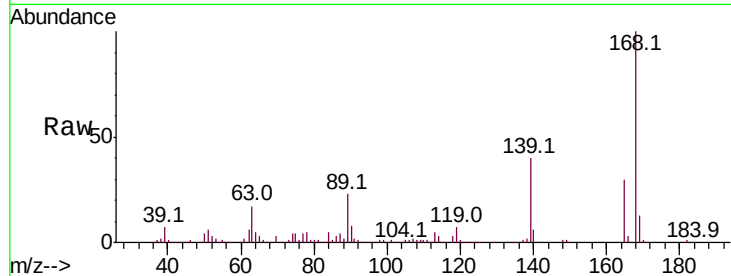
#57
 2,4-Dinitrotoluene
 Concen: 40.714 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.0	27.9	41.9#	
89	78.2	47.9	71.9#	
182	2.6	2.2	3.4	

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:54 AM



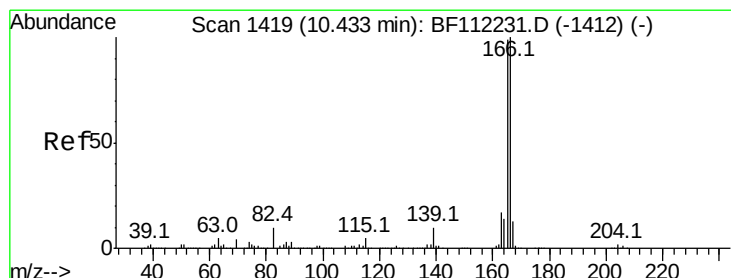
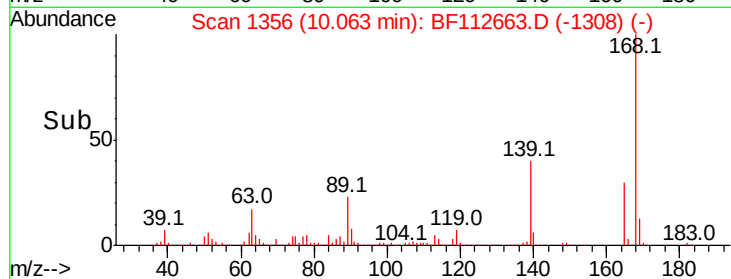
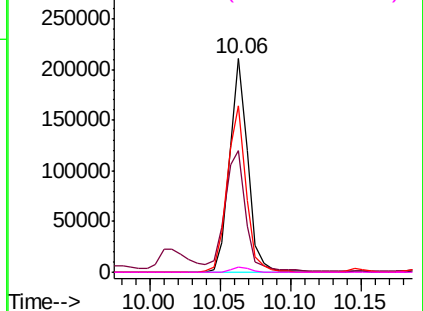
Abundance

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



#58
 Fluorene
 Concen: 40.397 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.03 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

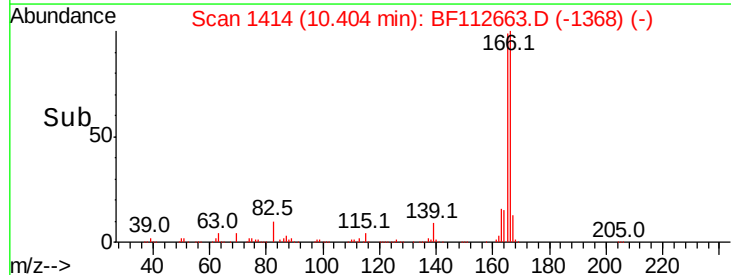
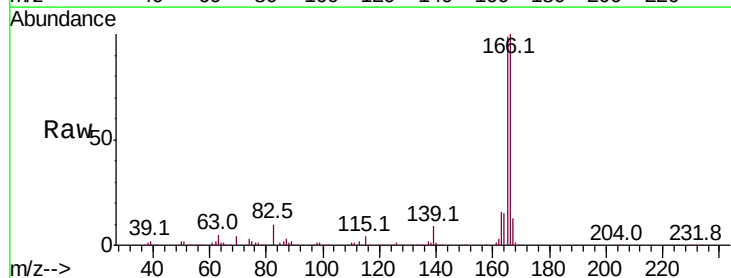
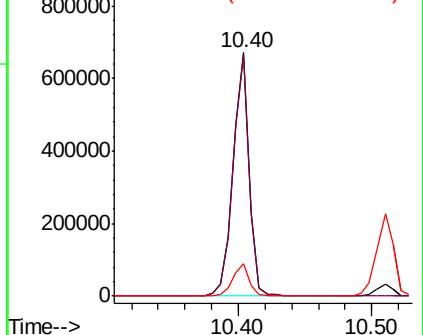
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.0	77.1	115.7	
167	13.3	11.3	16.9	

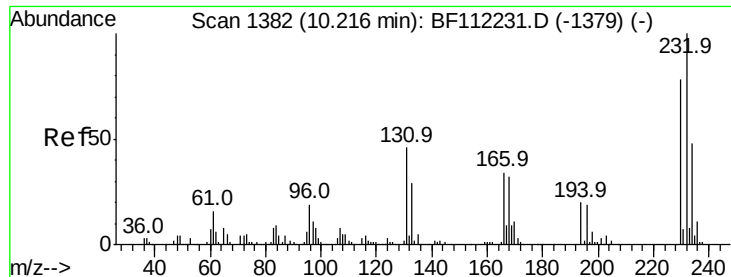
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





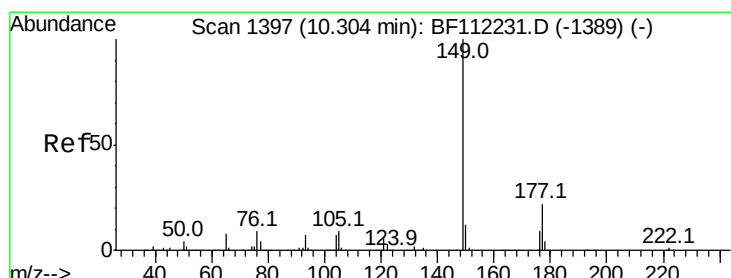
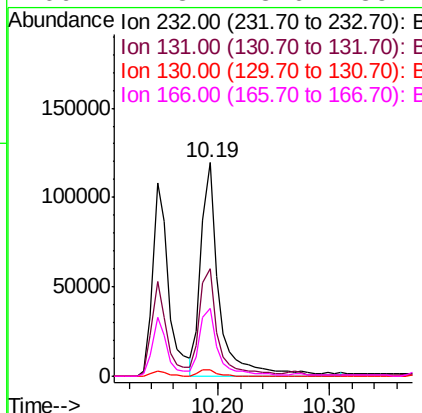
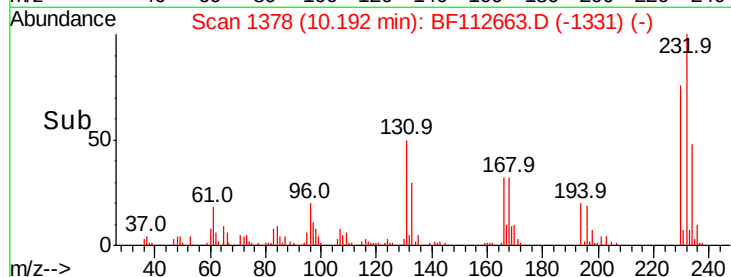
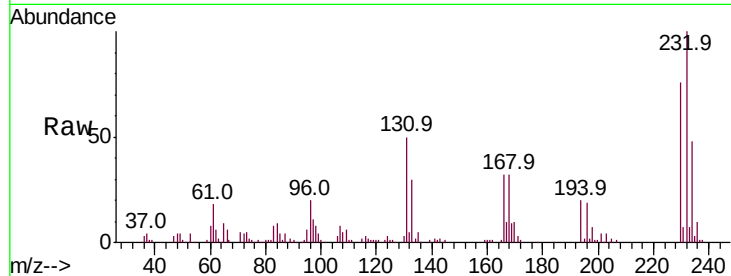
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.820 ng/ml
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	36.4	33.9	50.9
130	1.9	1.8	2.6
166	22.3	23.6	35.4

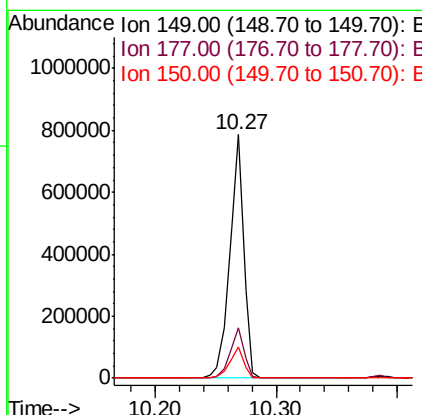
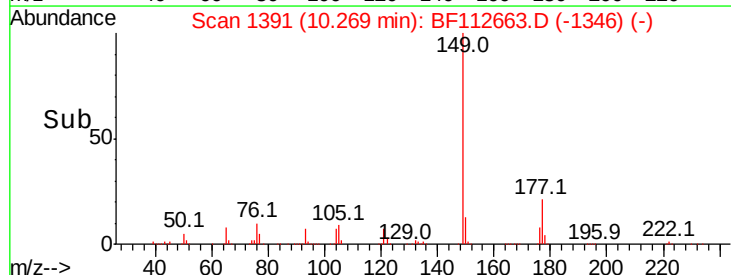
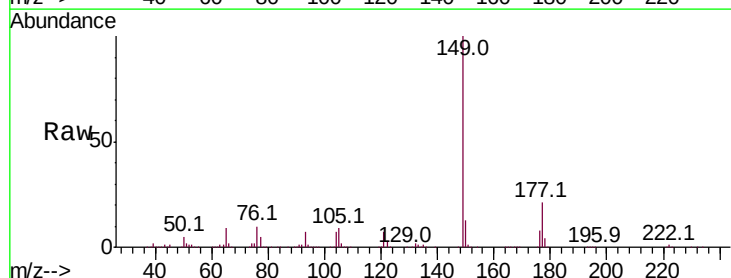
Manual Integrations
APPROVED

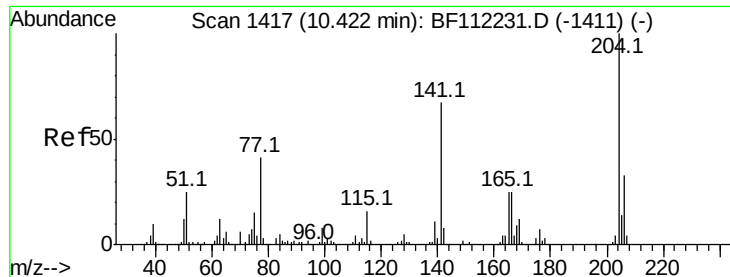
Sohil
2/25/2019 9:20:54 AM



#60
Diethylphthalate
Concen: 39.543 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.8	18.2	27.2
150	12.7	10.4	15.6





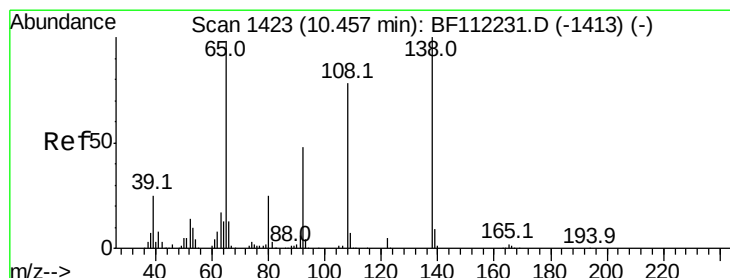
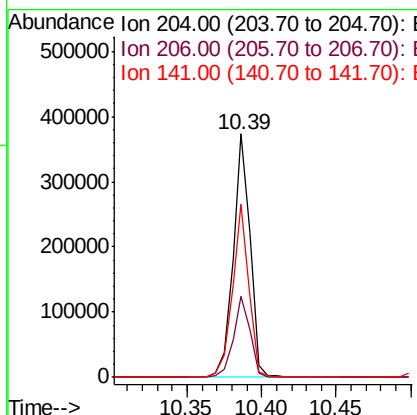
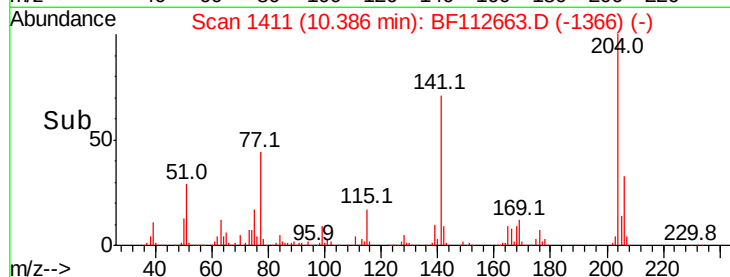
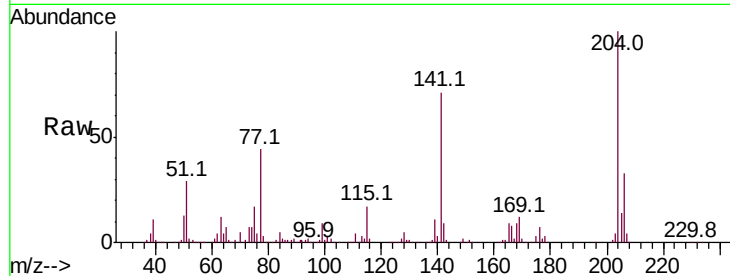
#61
 4-Chlorophenyl-phenylether
 Concen: 38.992 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion:	204	Resp:	300014
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.5	39.7
141	71.3	45.9	68.9

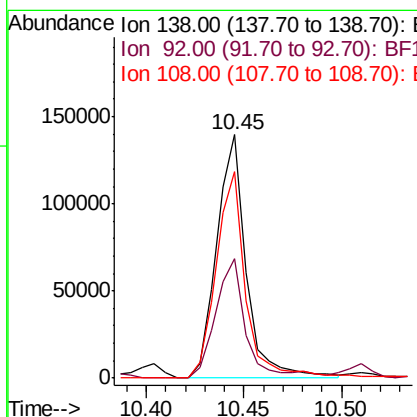
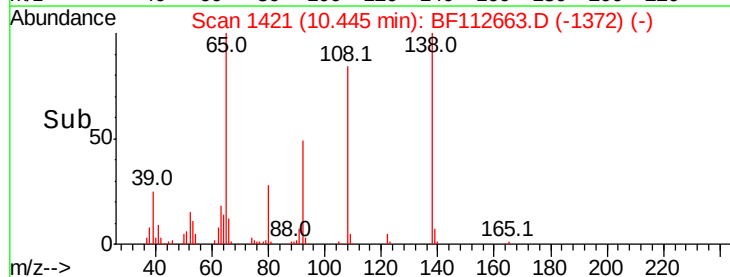
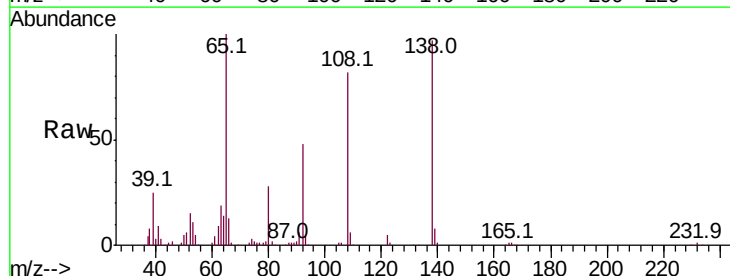
Manual Integrations
 APPROVED

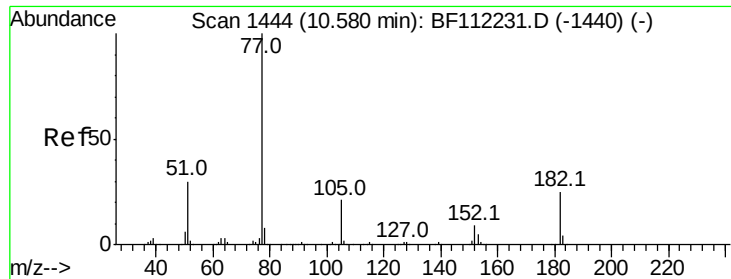
Sohil
 2/25/2019 9:20:54 AM



#62
 4-Nitroaniline
 Concen: 38.093 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion:	138	Resp:	146775
Ion Ratio	Lower	Upper	
138	100		
92	48.8	30.6	70.6
108	84.6	50.0	90.0





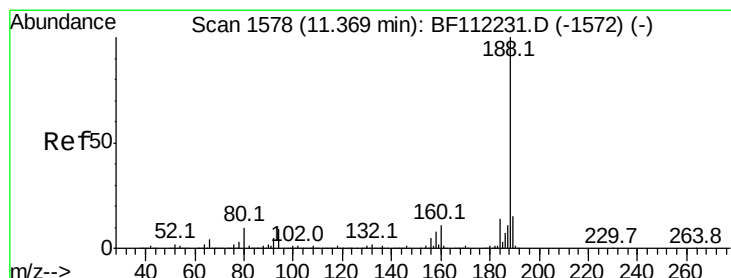
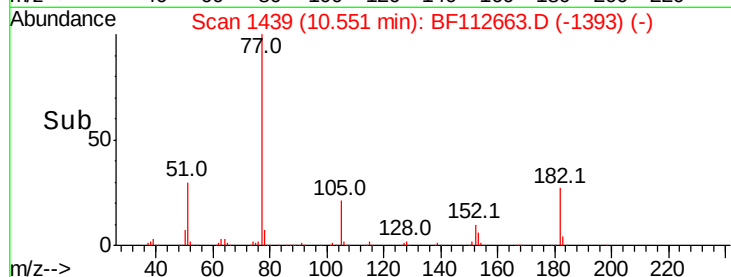
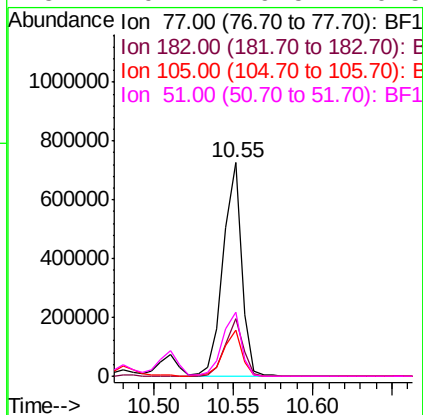
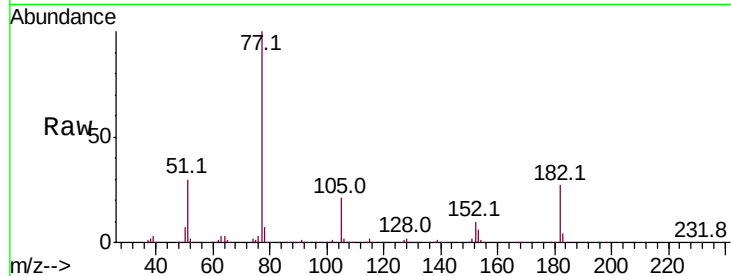
#63
Azobenzene
Concen: 41.706 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	5.7	45.7
105	21.4	1.4	41.4
51	29.7	9.5	49.5

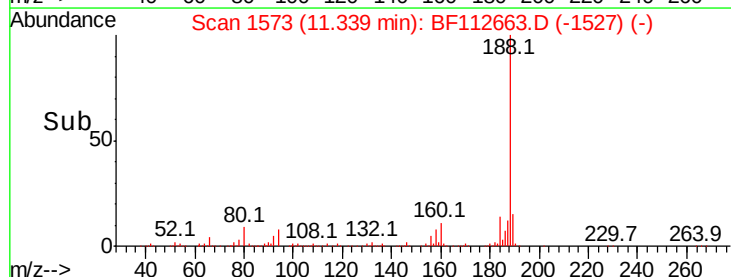
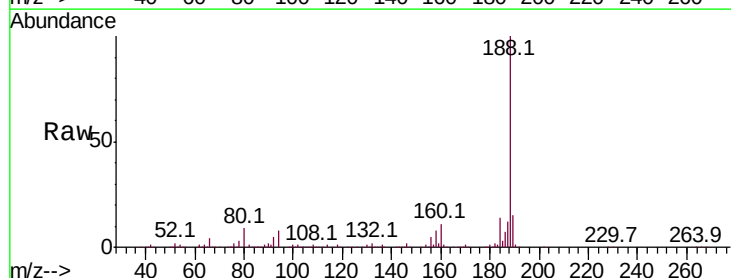
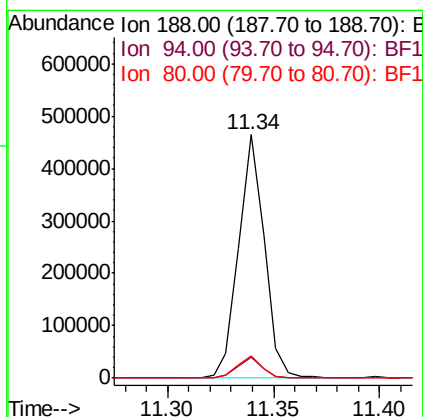
Manual Integrations
APPROVED

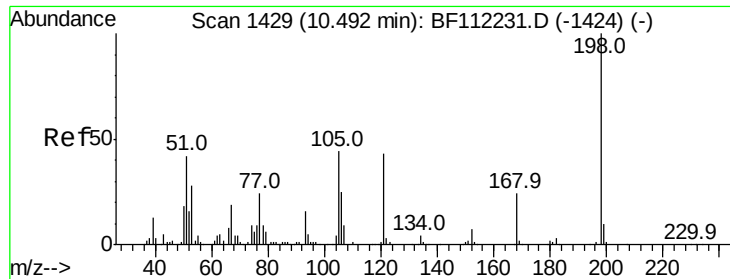
Sohil
2/25/2019 9:20:54 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	9.2	8.9	13.3





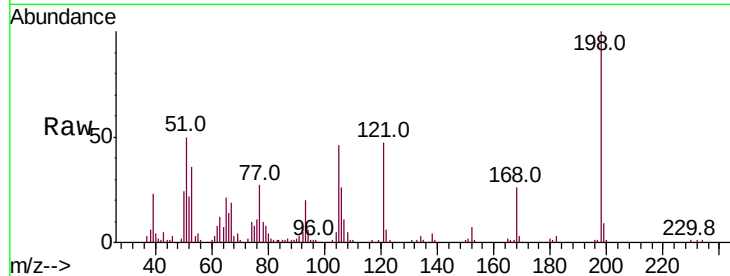
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.384 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	50.0	17.2	57.2
105	46.0	21.9	61.9

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:54 AM

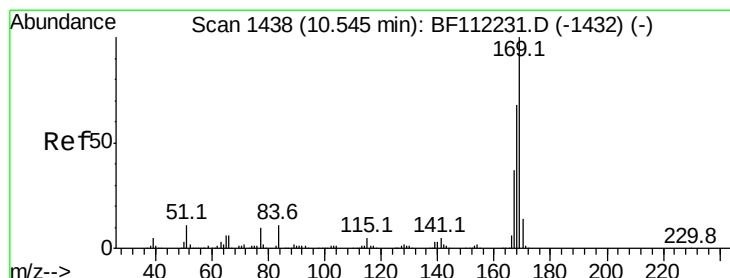
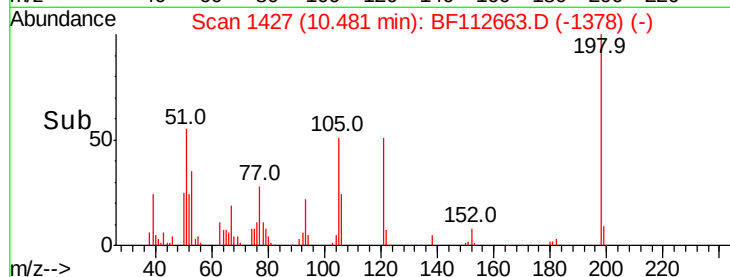
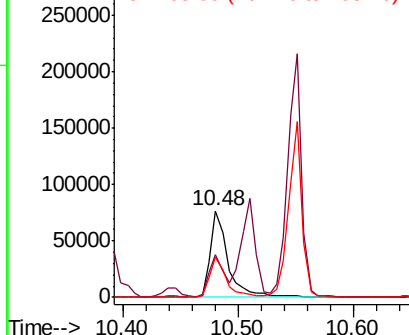


Abundance

Ion 198.00 (197.70 to 198.70): E

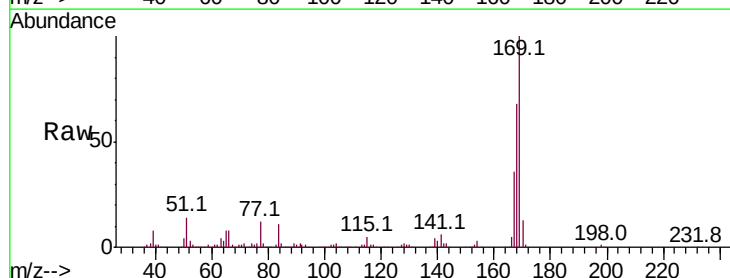
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 41.144 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.9	80.9
167	36.5	28.9	43.3

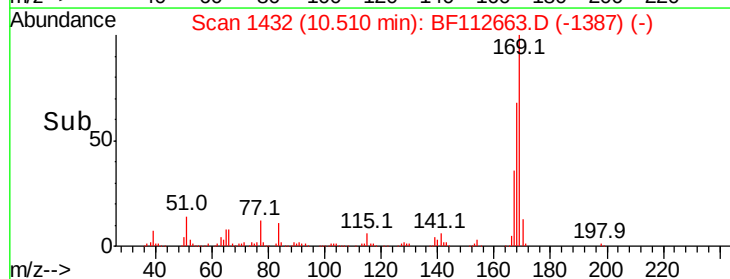
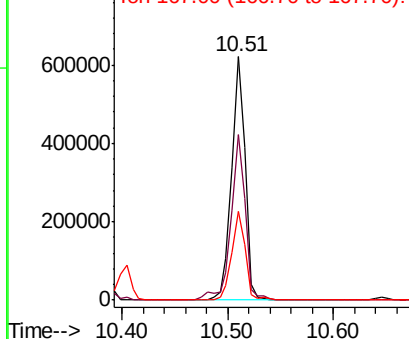


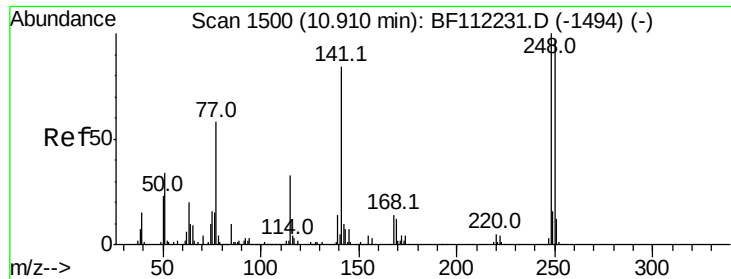
Abundance

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





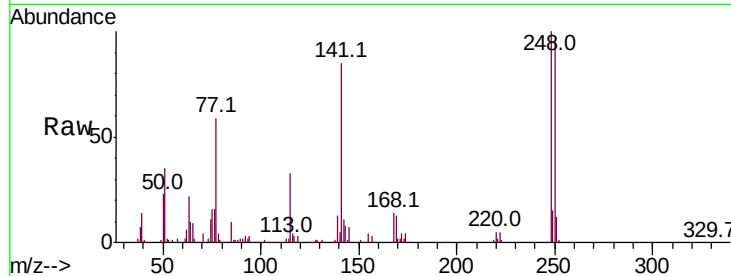
#67
4-Bromophenyl-phenylether
Concen: 39.562 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	79.7	119.5
141	84.6	60.3	90.5

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM

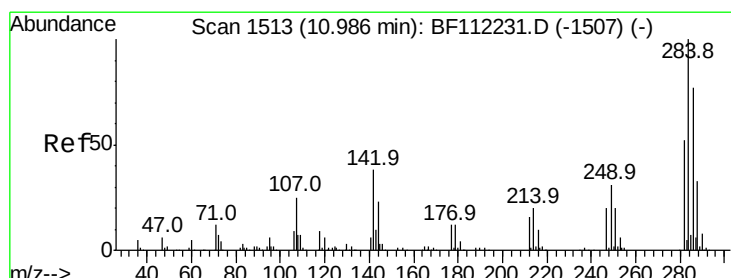
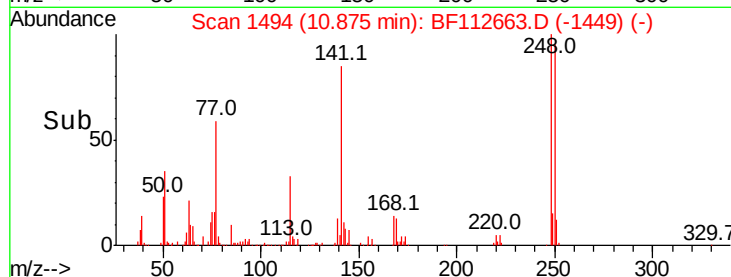
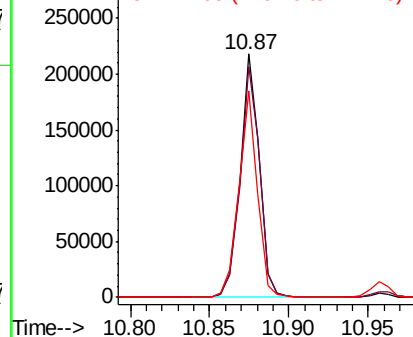


Abundance

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



#68
Hexachlorobenzene
Concen: 39.887 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

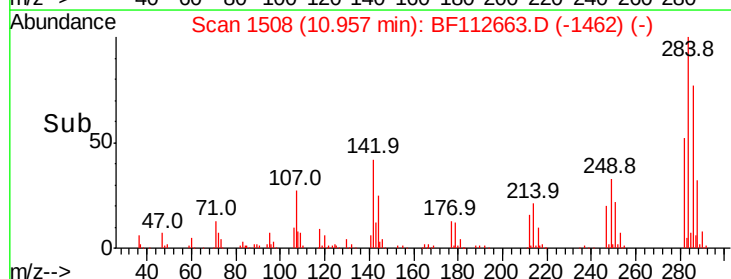
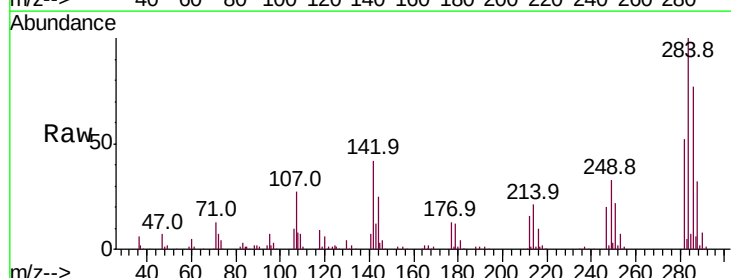
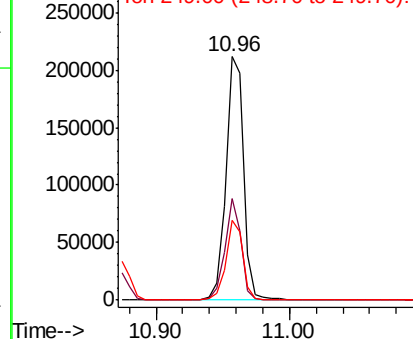
Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.5	27.6	41.4#
249	32.6	24.1	36.1

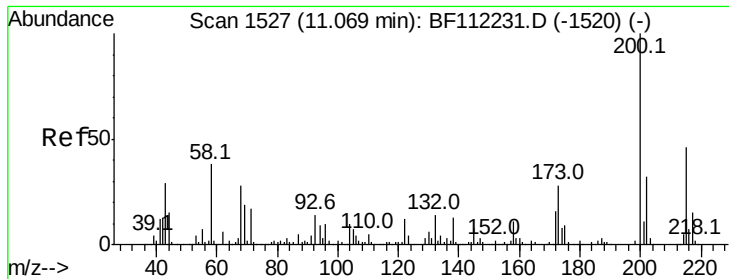
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





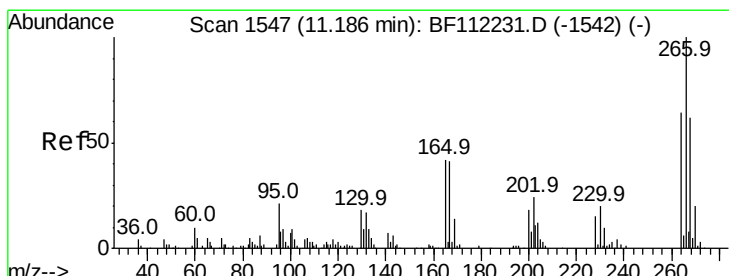
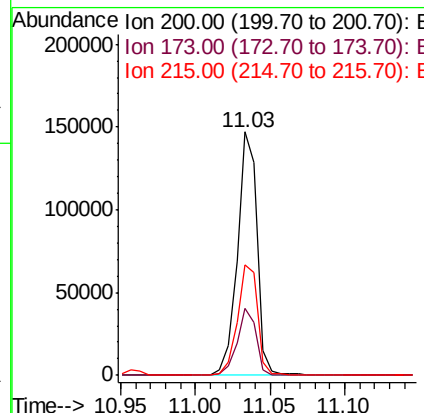
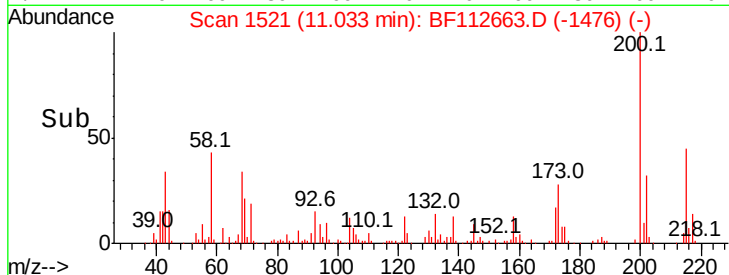
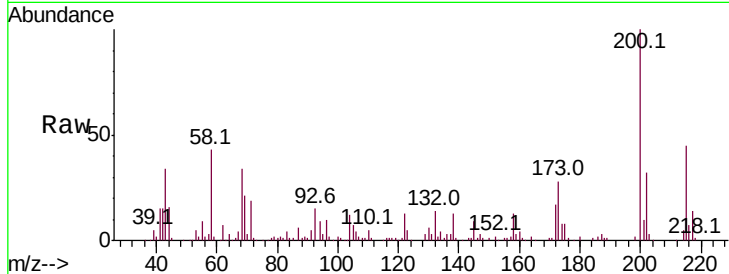
#69
Atrazine
Concen: 32.100 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.5	7.1	47.1	
215	45.5	30.4	70.4	

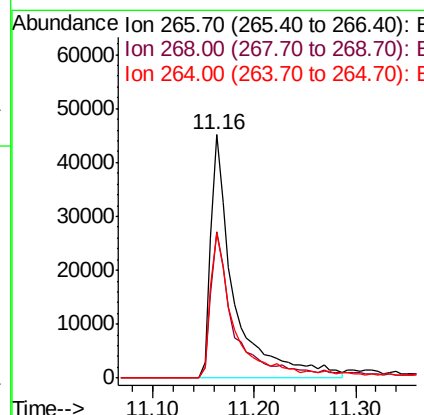
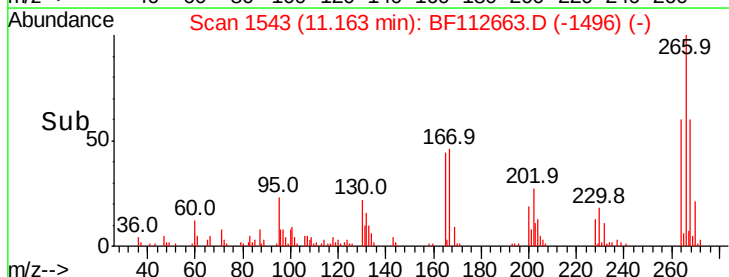
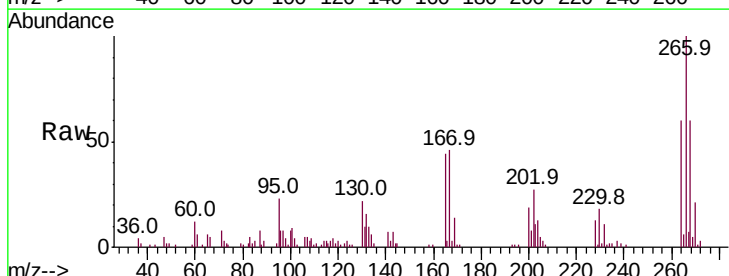
Manual Integrations
APPROVED

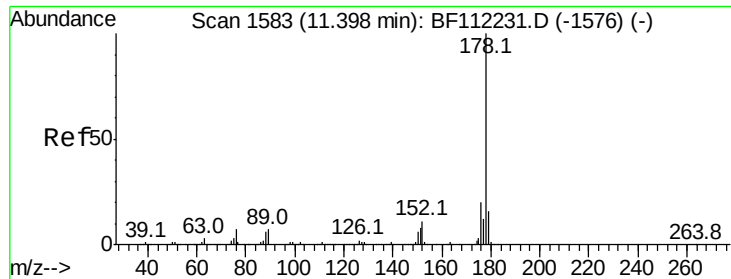
Sohil
2/25/2019 9:20:54 AM



#70
Pentachlorophenol
Concen: 37.618 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	59.9	51.2	76.8	
264	59.7	50.9	76.3	





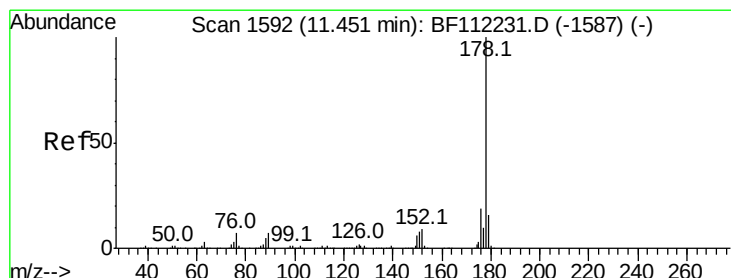
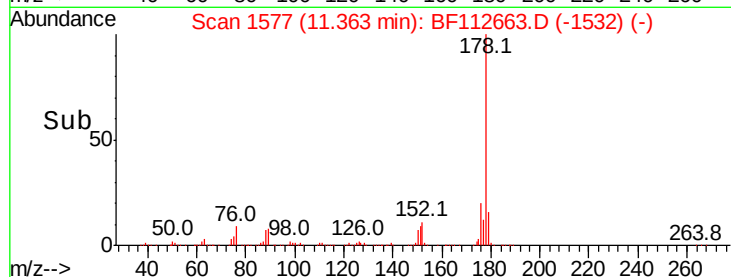
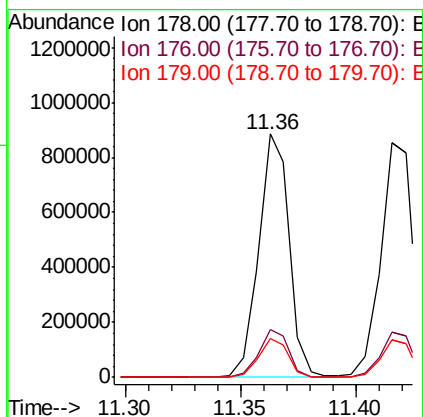
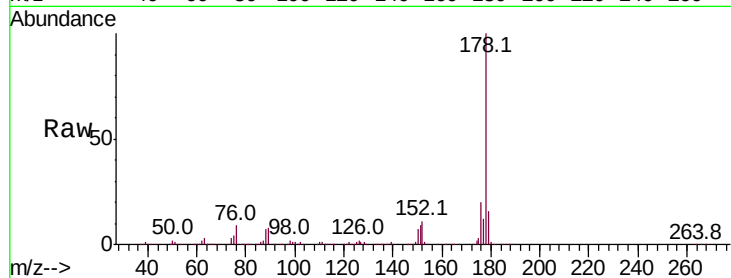
#71
Phenanthrene
Concen: 39.987 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.7	13.0	19.4

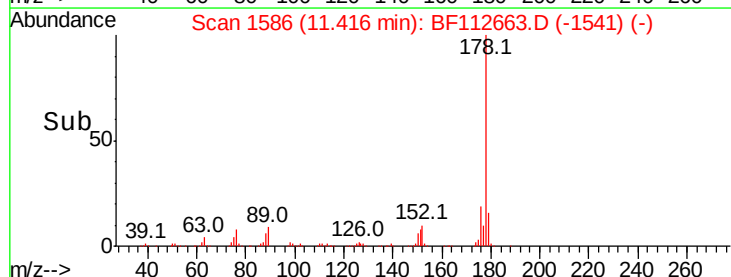
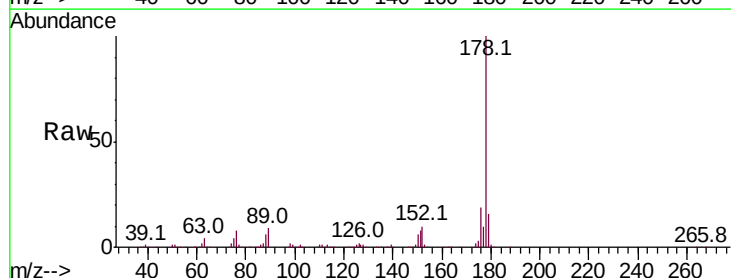
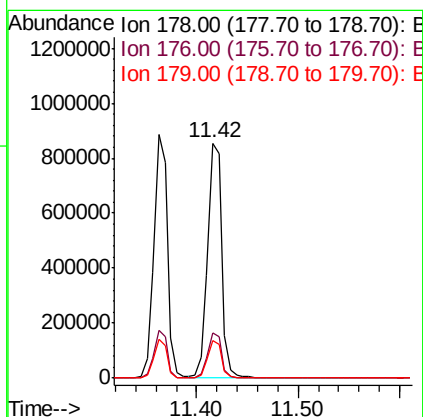
Manual Integrations
APPROVED

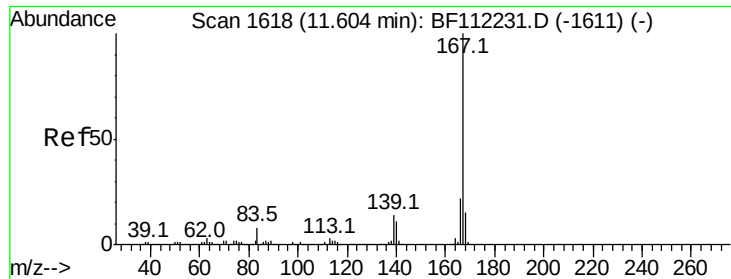
Sohil
2/25/2019 9:20:54 AM



#72
Anthracene
Concen: 40.899 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.8	12.8	19.2





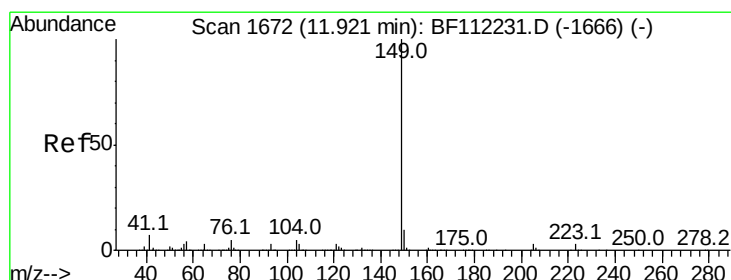
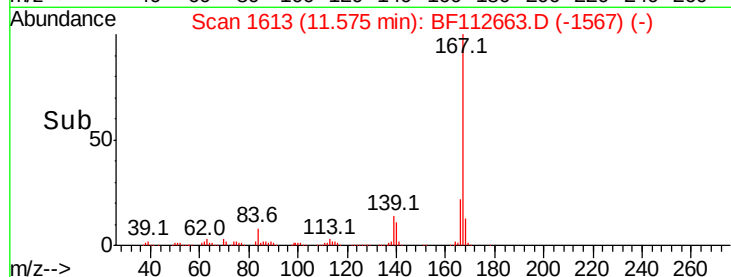
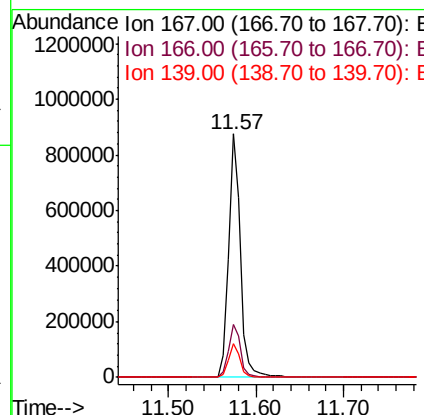
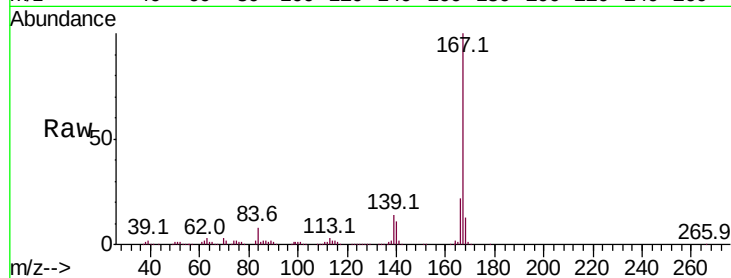
#73
 Carbazole
 Concen: 40.873 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.03 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.6	17.9	26.9	
139	14.0	10.2	15.2	

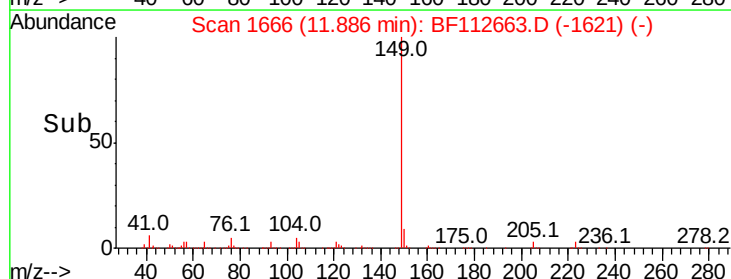
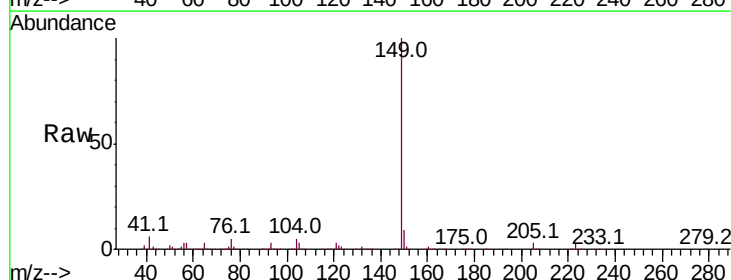
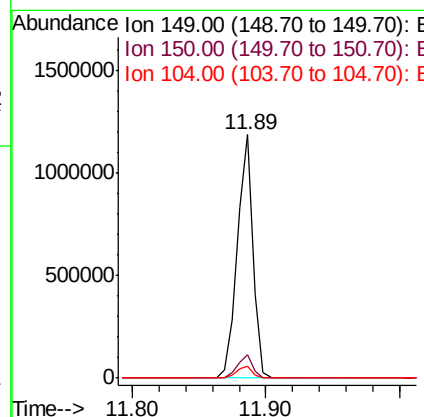
Manual Integrations
 APPROVED

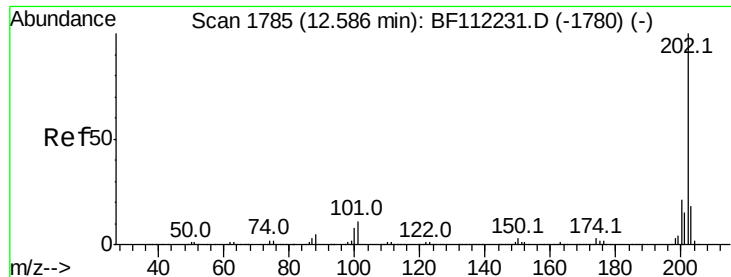
Sohil
 2/25/2019 9:20:54 AM



#74
 Di-n-butylphthalate
 Concen: 39.672 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	8.1	12.1	
104	5.1	3.9	5.9	





#75

Fluoranthene

Concen: 37.368 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

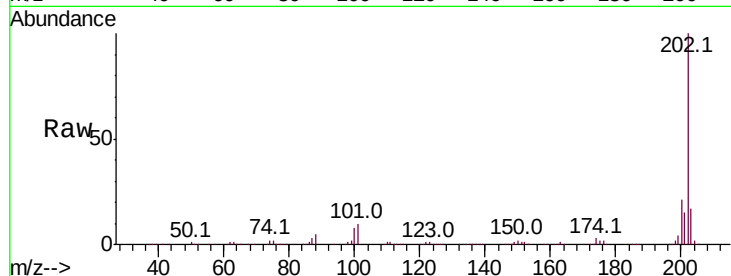
ClientSampleId :

SSTDCCC040

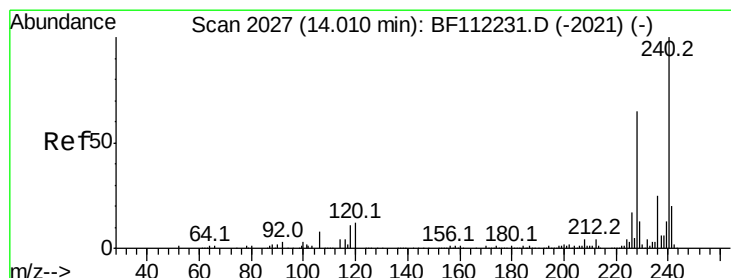
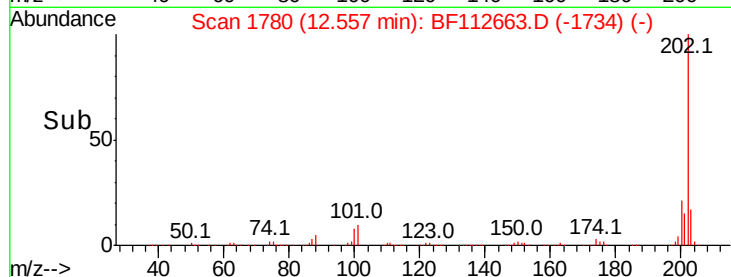
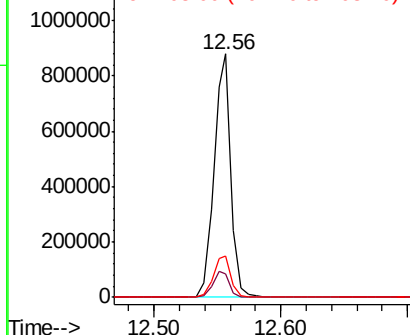
Tot Ion	Ratio	Resp	Lower	Upper
202	100	817658		
101	9.8	0.0	31.8	
203	17.2	0.0	38.4	

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
1000000
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

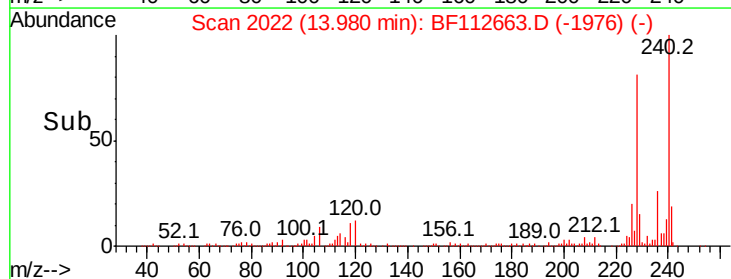
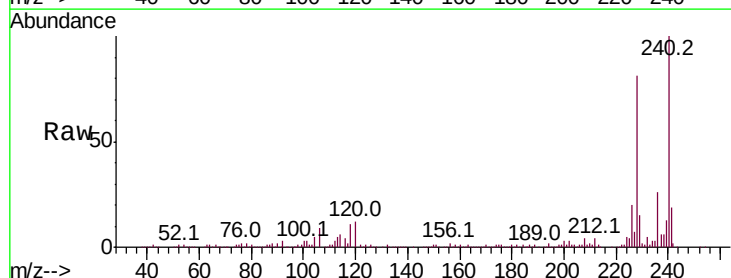
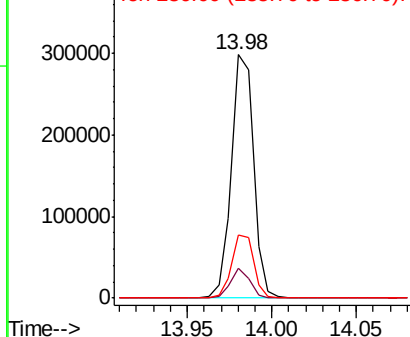
Delta R.T. -0.03 min

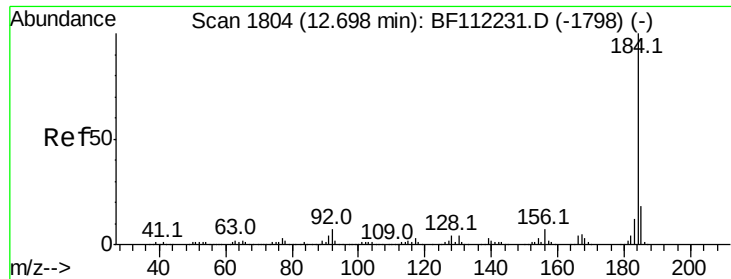
Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	272298		
120	12.3	9.0	13.6	
236	26.0	20.7	31.1	

Abundance Ion 240.00 (239.70 to 240.70): E
400000
Ion 120.00 (119.70 to 120.70): E
300000
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.889 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

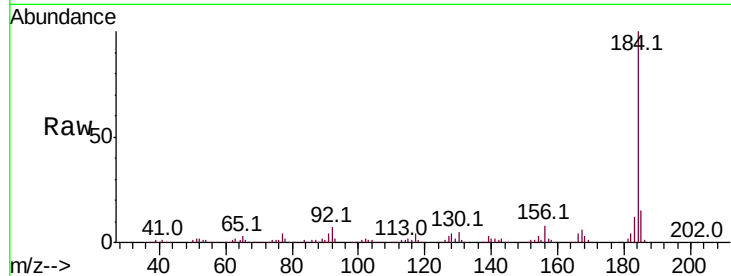
ClientSampleId :

SSTDCCC040

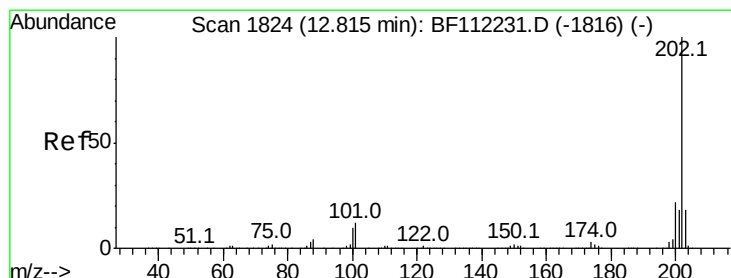
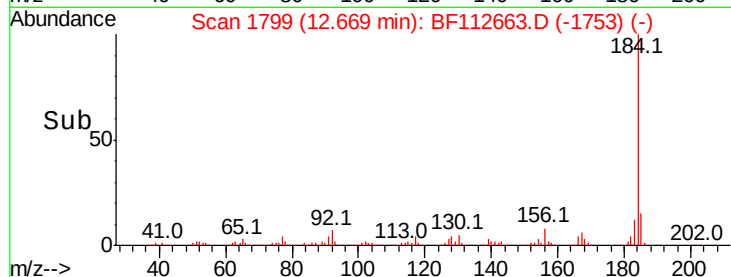
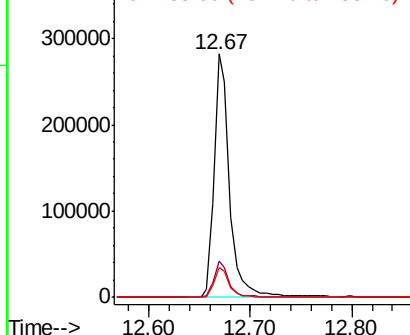
Tot Ion:	184	Resp:	298954
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.9	20.9
183	12.2	10.0	15.0

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.534 ng

RT: 12.79 min Scan# 1819

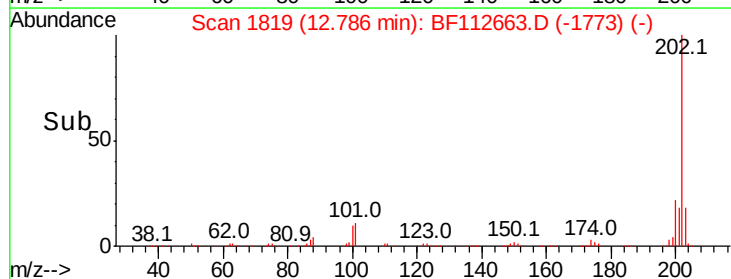
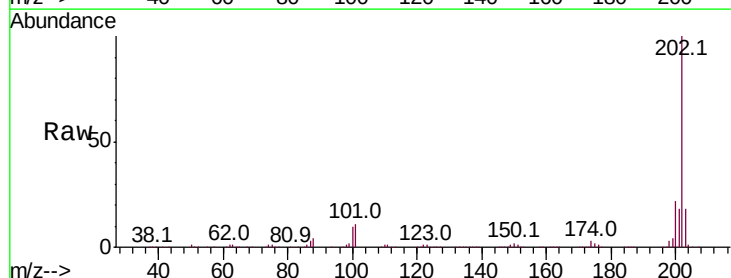
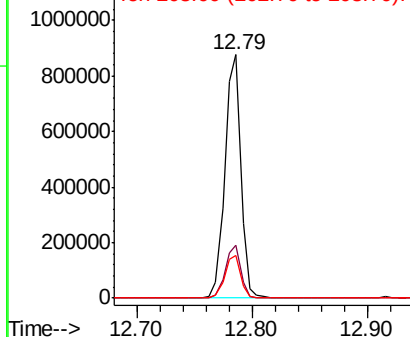
Delta R.T. -0.03 min

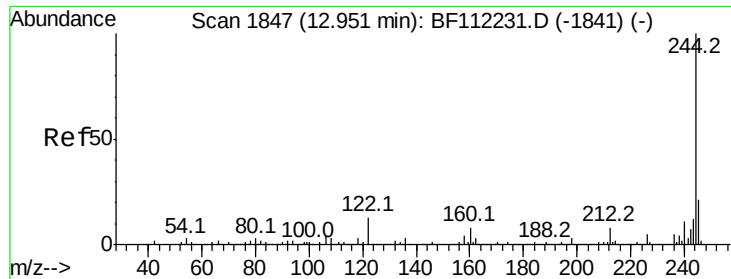
Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion:	202	Resp:	839564
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	17.7	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





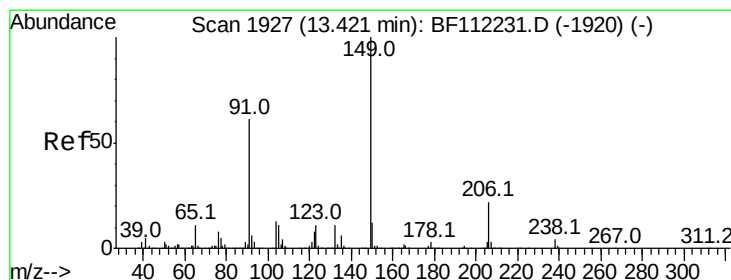
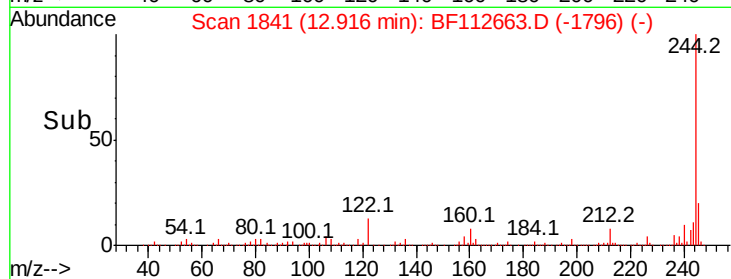
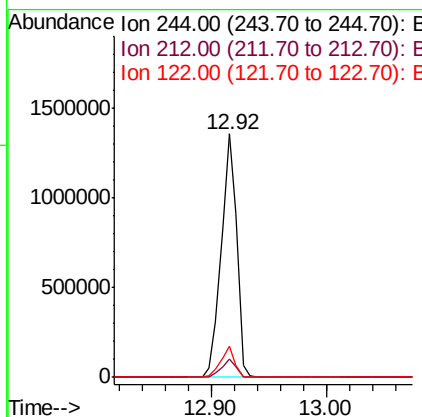
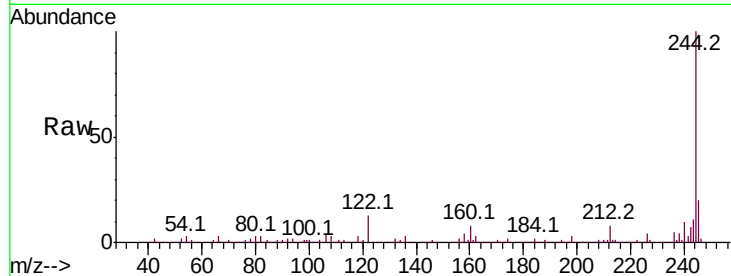
#79
 Terphenyl-d14
 Concen: 87.101 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.7	9.8	14.6

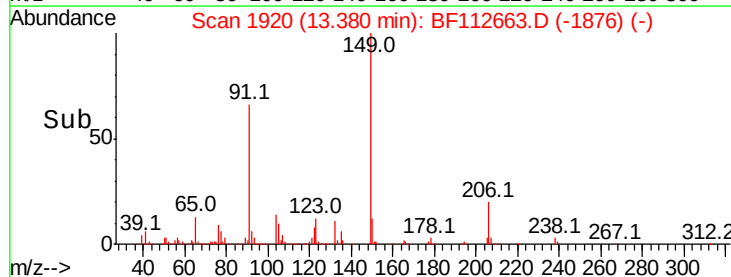
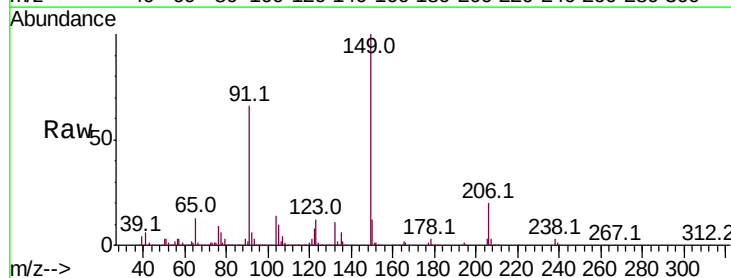
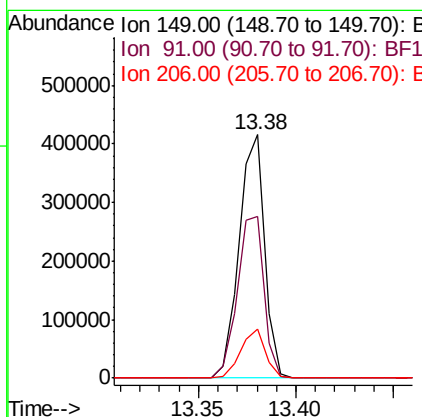
Manual Integrations
 APPROVED

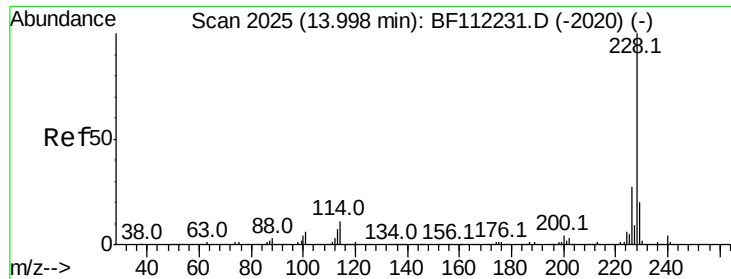
Sohil
 2/25/2019 9:20:54 AM



#80
 Butylbenzylphthalate
 Concen: 41.358 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.04 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	50.3	75.5
206	20.1	18.2	27.4





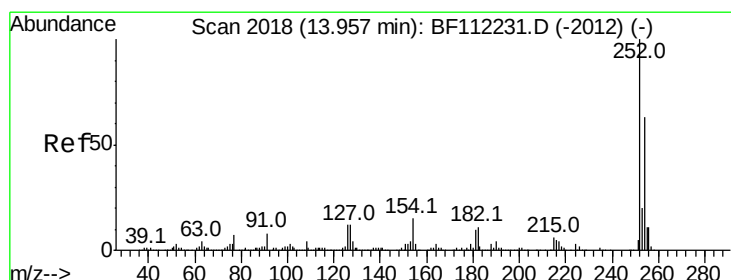
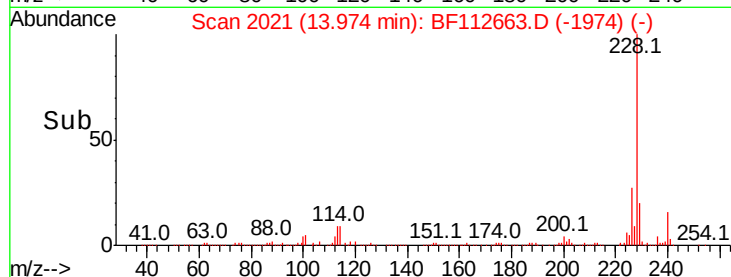
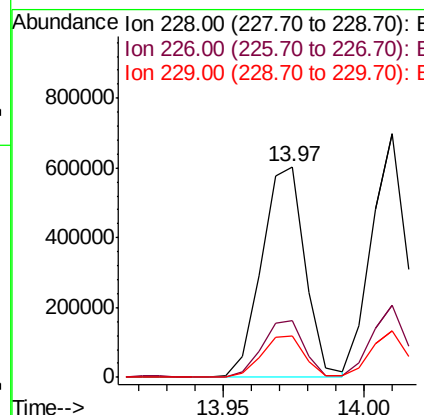
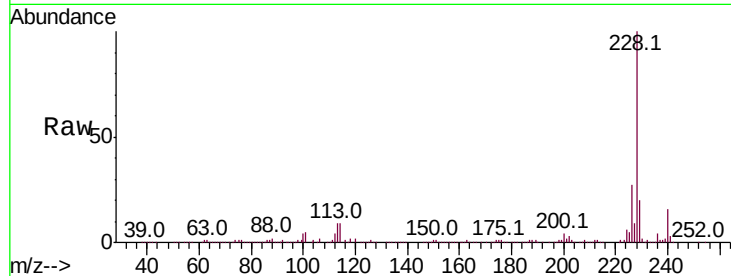
#81
Benzo(a)anthracene
Concen: 40.162 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	34.0
229	19.5	16.5	24.7

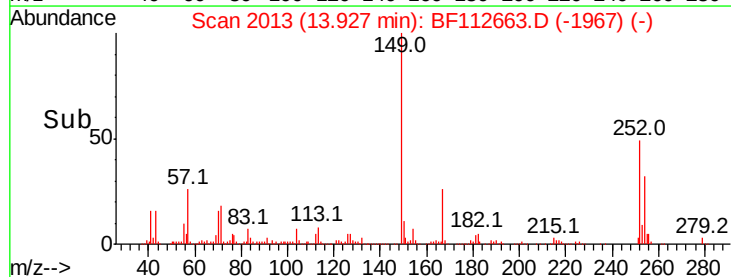
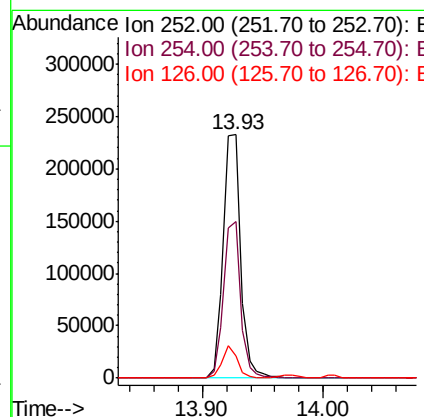
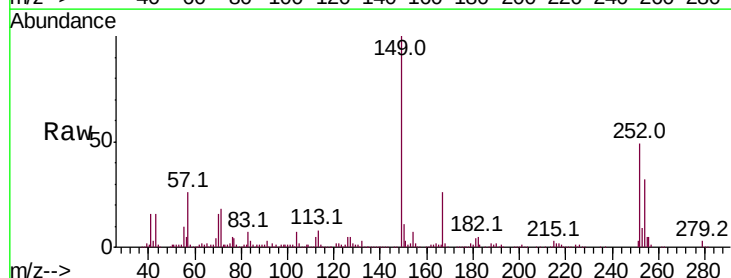
Manual Integrations
APPROVED

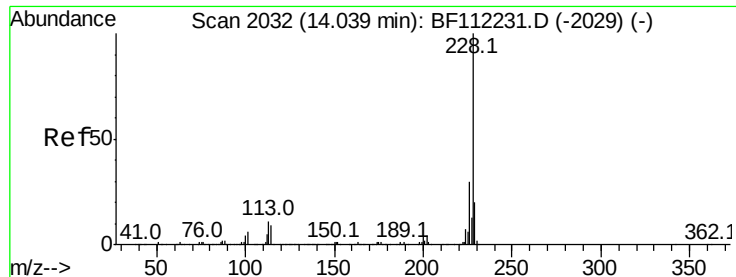
Sohil
2/25/2019 9:20:54 AM



#82
3,3'-Dichlorobenzidine
Concen: 38.887 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.6	77.4
126	9.4	8.6	12.8





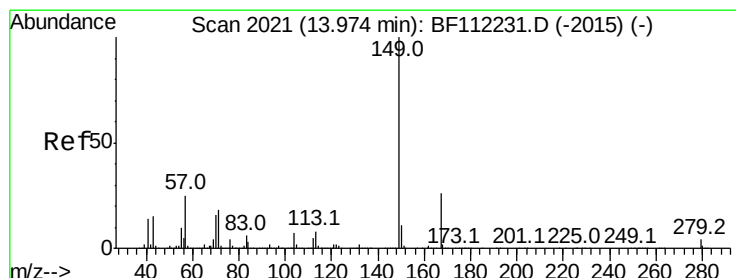
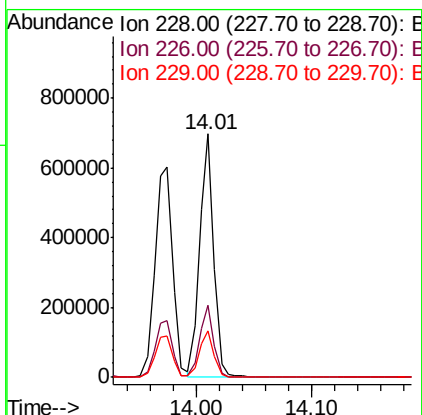
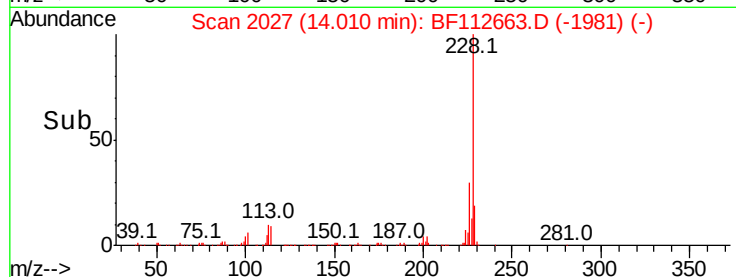
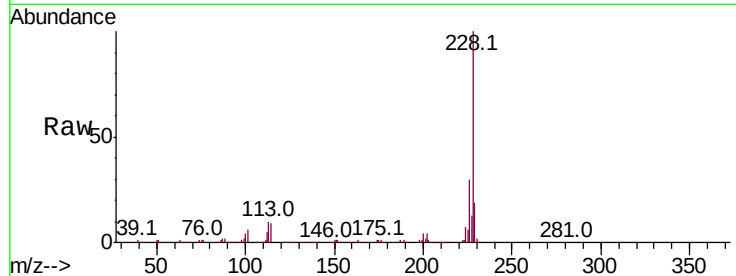
#83
 Chrysene
 Concen: 39.289 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.03 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	228	Resp:	600314
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	19.1	16.6	24.8

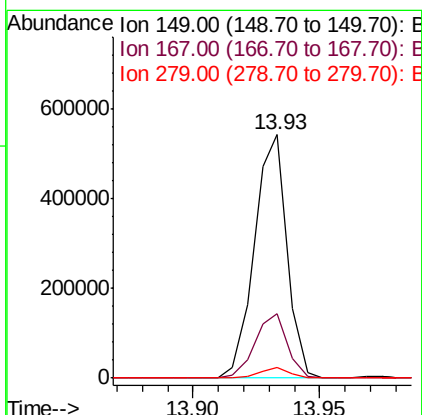
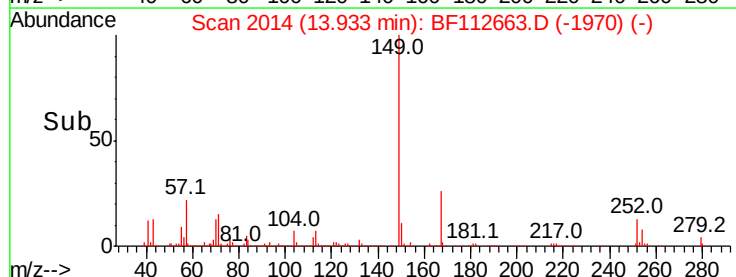
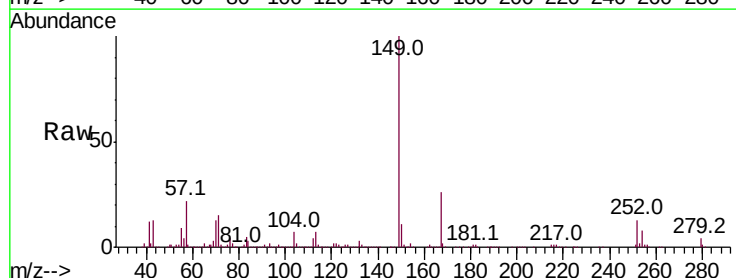
Manual Integrations
 APPROVED

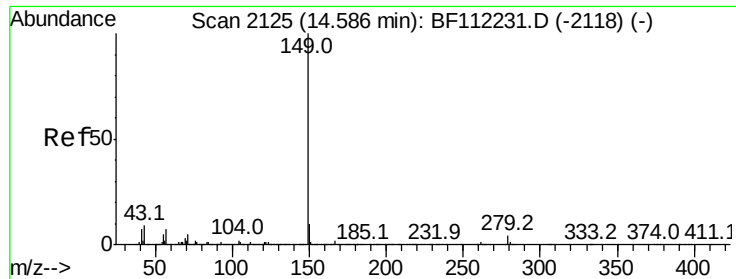
Sohil
 2/25/2019 9:20:54 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.379 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.04 min
 Lab File: BF112663.D
 Acq: 22 Feb 2019 13:46

Tgt Ion:	149	Resp:	483960
Ion Ratio	Lower	Upper	
149	100		
167	26.4	22.5	33.7
279	4.2	3.8	5.6





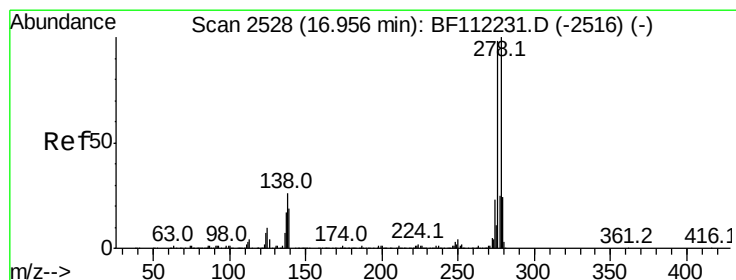
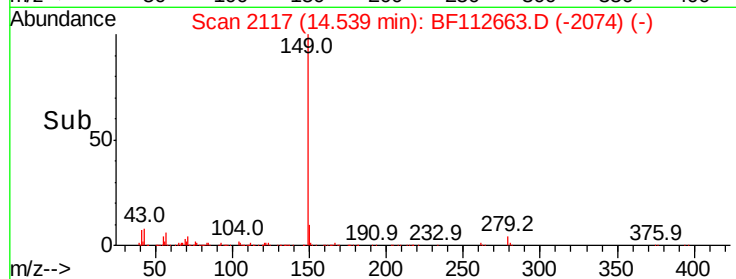
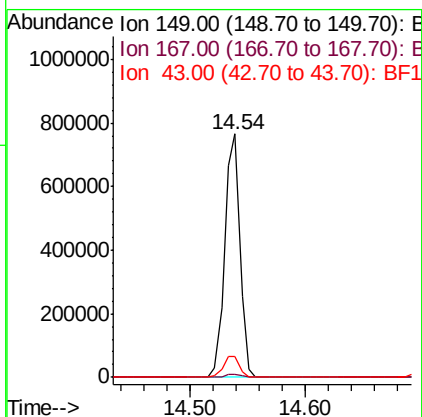
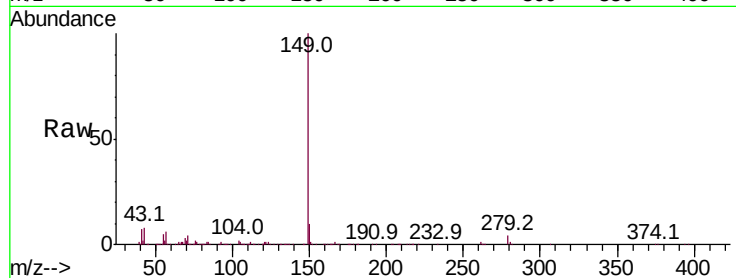
#85
Di-n-octyl phthalate
Concen: 34.885 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.05 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.1	7.8	11.6

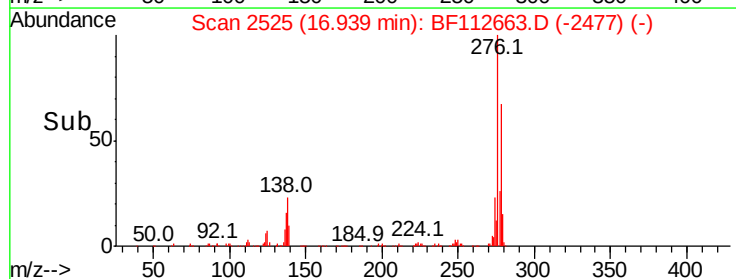
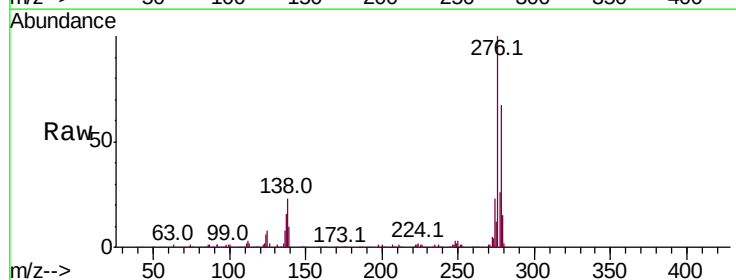
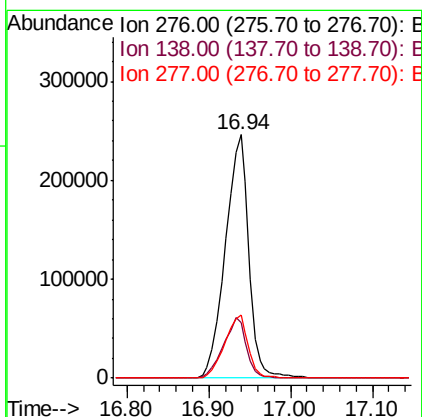
Manual Integrations
APPROVED

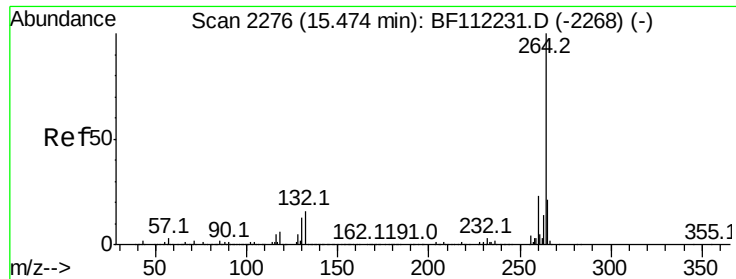
Sohil
2/25/2019 9:20:54 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.544 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.7	22.6	34.0
277	26.1	20.3	30.5





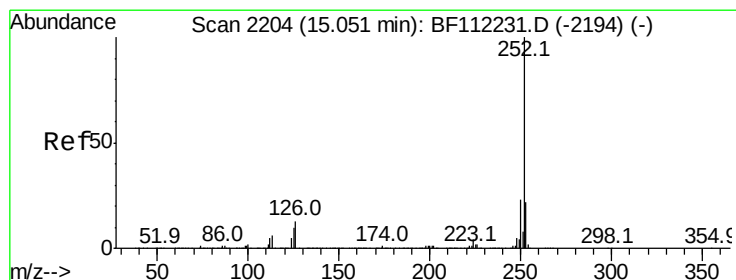
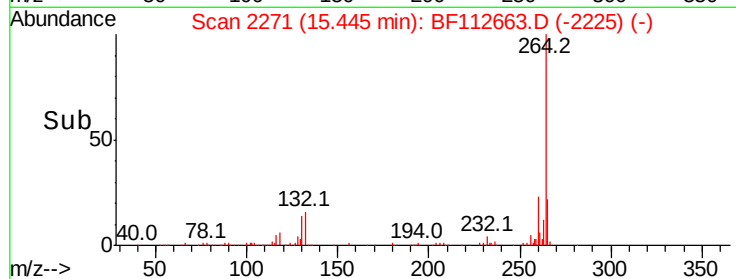
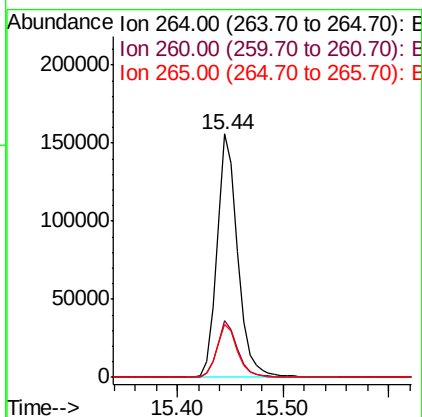
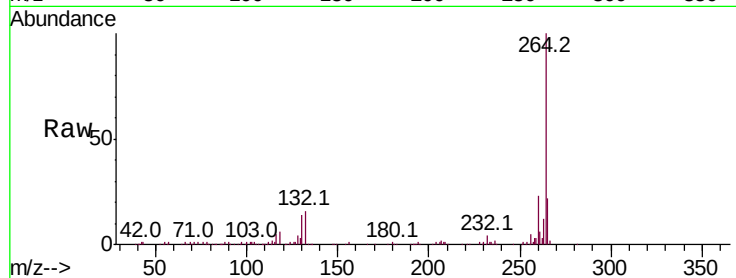
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.8	17.0	25.4

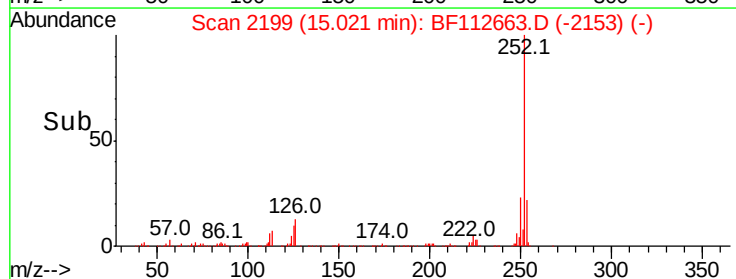
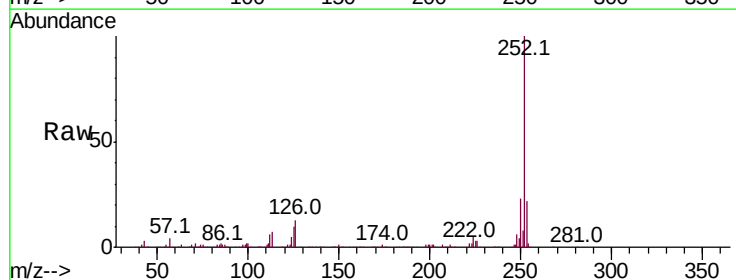
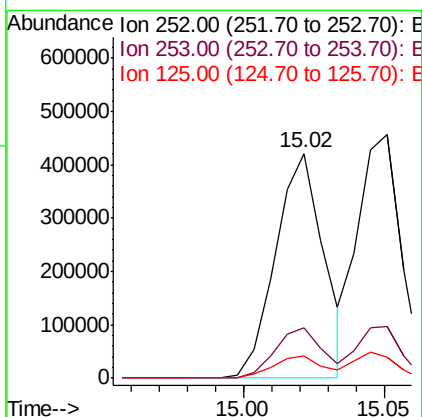
Manual Integrations
APPROVED

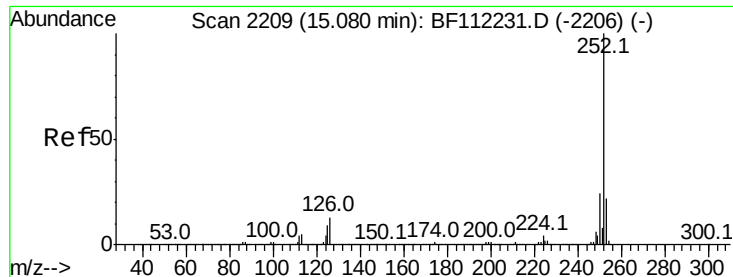
Sohil
2/25/2019 9:20:54 AM



#88
Benzo(b)fluoranthene
Concen: 38.754 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.1	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 39.825 ng/mL

RT: 15.05 min Scan# 2204

Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Instrument :

BNA_F

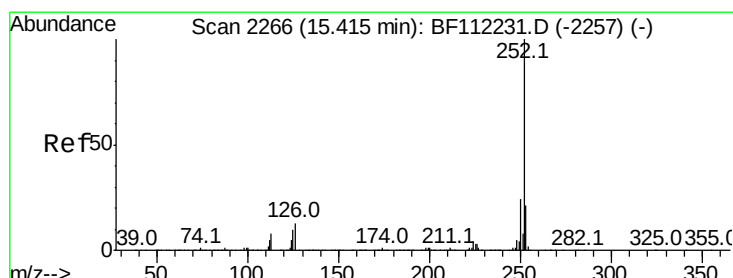
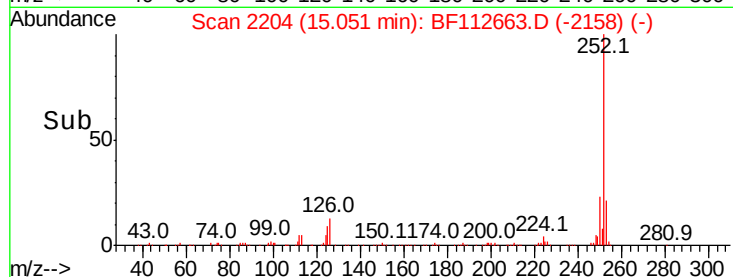
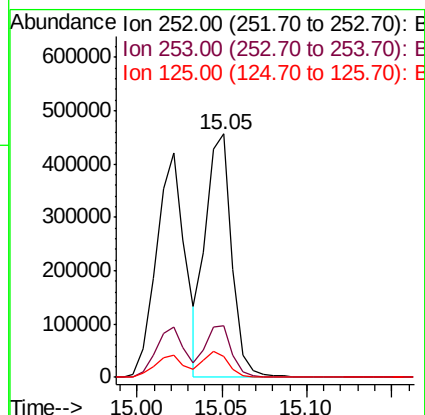
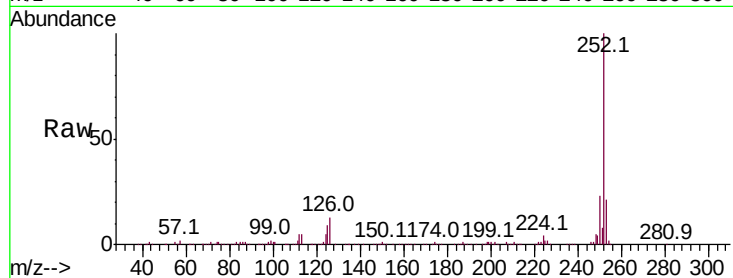
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.0	27.0
125	8.8	9.1	13.7

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#90

Benzo(a)pyrene

Concen: 39.699 ng/mL

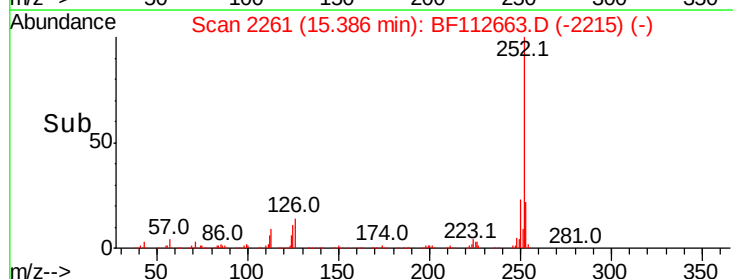
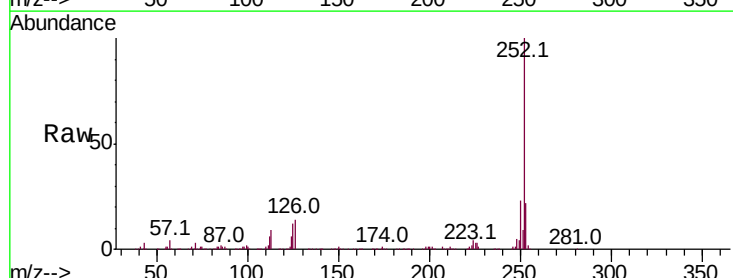
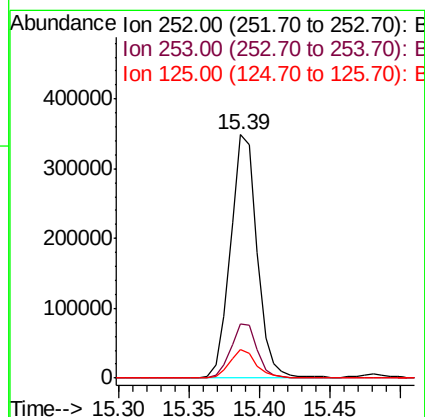
RT: 15.39 min Scan# 2261

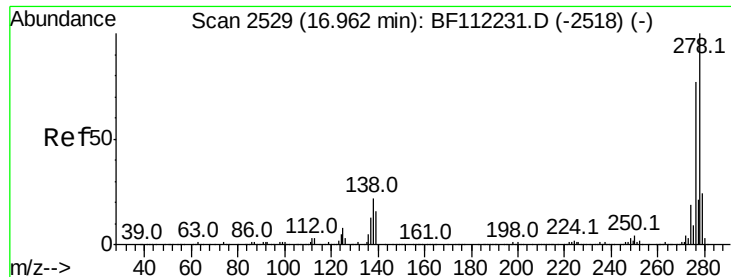
Delta R.T. -0.03 min

Lab File: BF112663.D

Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.5	9.0	13.4





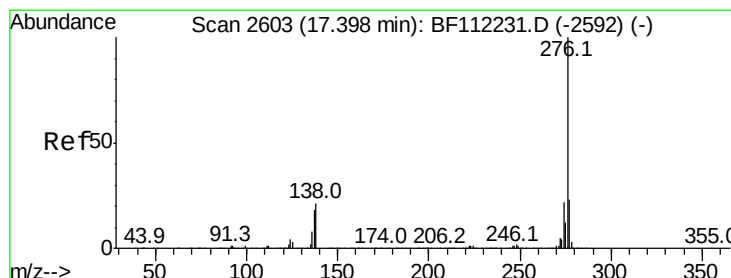
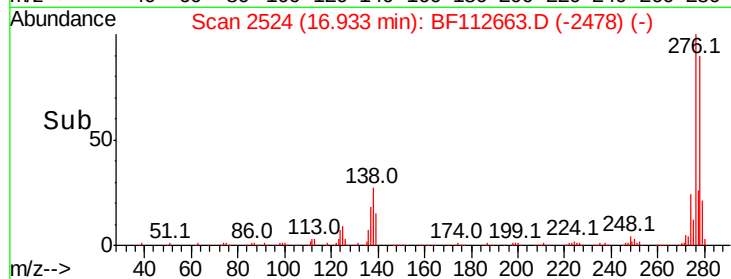
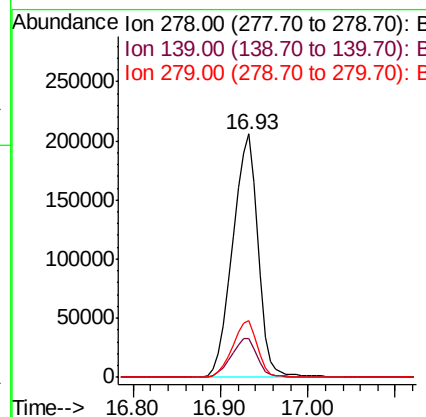
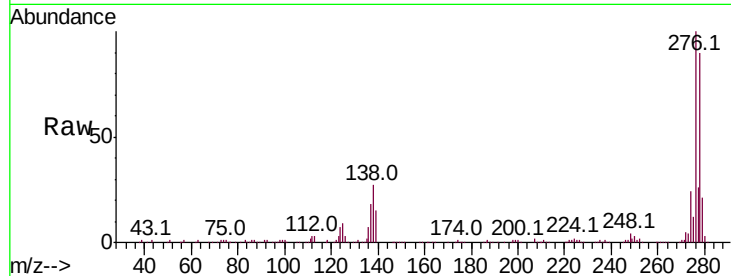
#91
Dibenzo(a,h)anthracene
Concen: 43.778 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.03 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	23.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:54 AM



#92
Benzo(g,h,i)perylene
Concen: 46.433 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF112663.D
Acq: 22 Feb 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	20.5	19.1	28.7

