

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
 Data File : BF113254.D
 Acq On : 23 Mar 2019 10:47
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil

3/25/2019 12:48:12 PM

Quant Time: Mar 23 22:59:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	214026	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	838502	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	418445	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	778736	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	587794	20.00	ng	0.00
87) Perylene-d12	15.27	264	508292	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1020257	74.15	ng	-0.02
7) Phenol-d6	6.37	99	1288663	74.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	1233965	88.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	424145	95.48	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	2112587	83.17	ng	-0.01
79) Terphenyl-d14	12.82	244	2176281	71.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	237284	34.404	ng	98
3) Pyridine	3.08	79	615818	33.375	ng	99
4) n-Nitrosodimethylamine	3.03	42	275451	34.126	ng	100
6) Aniline	6.38	93	807412	33.938	ng	# 41
8) 2-Chlorophenol	6.51	128	610964	39.890	ng	92
9) Benzaldehyde	6.26	77	442934	35.567	ng	99
10) Phenol	6.39	94	740487	36.715	ng	82
11) bis(2-Chloroethyl)ether	6.46	93	585617	37.829	ng	97
12) 1,3-Dichlorobenzene	6.66	146	650355	41.105	ng	97
13) 1,4-Dichlorobenzene	6.73	146	657032	41.408	ng	98
14) 1,2-Dichlorobenzene	6.89	146	596134	40.984	ng	97
15) Benzyl Alcohol	6.87	79	482339	36.598	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	919366	35.587	ng	80
17) 2-Methylphenol	6.99	107	488406	39.308	ng	94
18) Hexachloroethane	7.23	117	242370	39.876	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	409390	37.400	ng	97
20) 3+4-Methylphenols	7.14	107	575040	40.993	ng	# 86
22) Acetophenone	7.13	105	853269	43.520	ng	92
24) Nitrobenzene	7.30	77	629940	40.390	ng	98
25) Isophorone	7.55	82	1170281	38.766	ng	98
26) 2-Nitrophenol	7.62	139	349746	53.870	ng	96
27) 2,4-Dimethylphenol	7.67	122	488914	40.478	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	754652	39.983	ng	98
29) 2,4-Dichlorophenol	7.87	162	530016	45.250	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	570016	45.291	ng	99
31) Naphthalene	8.02	128	1685037	40.477	ng	99
32) Benzoic acid	7.82	122	408081	48.204	ng	92
33) 4-Chloroaniline	8.07	127	733246	41.585	ng	100
34) Hexachlorobutadiene	8.15	225	337793	47.591	ng	99
35) Caprolactam	8.46	113	169022m	40.971	ng	
36) 4-Chloro-3-methylphenol	8.57	107	541321	41.760	ng	98
37) 2-Methylnaphthalene	8.72	142	1126763	41.912	ng	99
38) 1-Methylnaphthalene	8.81	142	1084288	41.636	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	549751	45.053	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
 Data File : BF113254.D
 Acq On : 23 Mar 2019 10:47
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Manual Integrations
 APPROVED

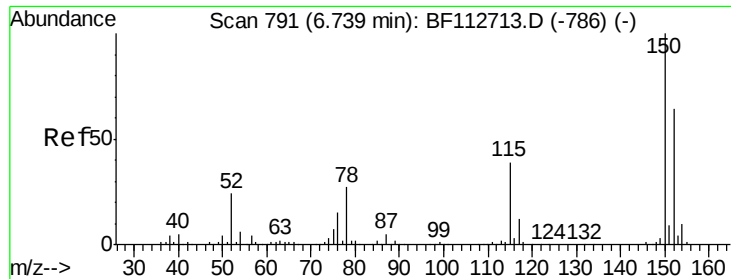
Sohil

3/25/2019 12:48:12 PM

Quant Time: Mar 23 22:59:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	251638	37.659	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	367132	43.717	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	384702	42.381	ng	95
46) 1,1'-Biphenyl	9.18	154	1406832	41.219	ng	99
47) 2-Chloronaphthalene	9.20	162	1061108	39.816	ng	98
48) 2-Nitroaniline	9.30	65	358690	44.280	ng	99
49) Acenaphthylene	9.62	152	1669630	36.903	ng	100
50) Dimethylphthalate	9.48	163	1294971	41.971	ng	100
51) 2,6-Dinitrotoluene	9.55	165	287948	44.816	ng #	82
52) Acenaphthene	9.79	154	985826	37.260	ng	99
53) 3-Nitroaniline	9.72	138	332713	42.497	ng	97
54) 2,4-Dinitrophenol	9.82	184	140951	55.759	ng	95
55) Dibenzofuran	9.96	168	1459270	37.948	ng	98
56) 4-Nitrophenol	9.89	139	236700	37.201	ng	94
57) 2,4-Dinitrotoluene	9.95	165	359898	45.063	ng	91
58) Fluorene	10.30	166	1106003	40.524	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	323250	42.743	ng	93
60) Diethylphthalate	10.17	149	1226634	37.642	ng	98
61) 4-Chlorophenyl-phenylether	10.29	204	550277	43.334	ng	93
62) 4-Nitroaniline	10.33	138	340882	47.119	ng	96
63) Azobenzene	10.45	77	1181818	35.408	ng	97
65) 4,6-Dinitro-2-methylphenol	10.36	198	187786	57.661	ng #	77
66) n-Nitrosodiphenylamine	10.42	169	1030723	41.270	ng	100
67) 4-Bromophenyl-phenylether	10.78	248	391295	47.705	ng #	91
68) Hexachlorobenzene	10.85	284	442121	47.816	ng #	91
69) Atrazine	10.94	200	276047	36.089	ng	99
70) Pentachlorophenol	11.05	266	235915	43.350	ng	98
71) Phenanthrene	11.26	178	1569718	40.514	ng	100
72) Anthracene	11.31	178	1604207	39.553	ng	100
73) Carbazole	11.46	167	1565837	39.577	ng	100
74) Di-n-butylphthalate	11.80	149	1825877	38.488	ng	99
75) Fluoranthene	12.44	202	1728943	41.650	ng	98
77) Benzidine	12.56	184	738545	24.218	ng	99
78) Pyrene	12.67	202	1769362	35.707	ng	99
80) Butylbenzylphthalate	13.29	149	801223	36.631	ng	93
81) Benzo(a)anthracene	13.86	228	1401463	34.402	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	579467	37.610	ng	99
83) Chrysene	13.89	228	1413635	35.426	ng	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	928666	36.198	ng	100
85) Di-n-octyl phthalate	14.46	149	1555128	35.300	ng	98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1351383	39.724	ng	94
88) Benzo(b)fluoranthene	14.87	252	1310171	39.850	ng	98
89) Benzo(k)fluoranthene	14.90	252	1158211m	38.891	ng	
90) Benzo(a)pyrene	15.22	252	1149577	39.530	ng	97
91) Dibenzo(a,h)anthracene	16.66	278	1093211	44.054	ng	96
92) Benzo(g,h,i)perylene	17.05	276	1137654	45.656	ng	96

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

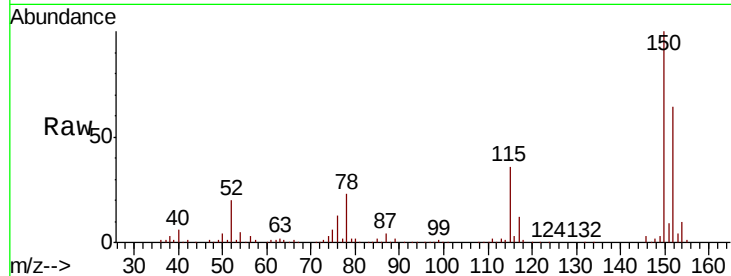
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	56.4	48.2	72.4

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

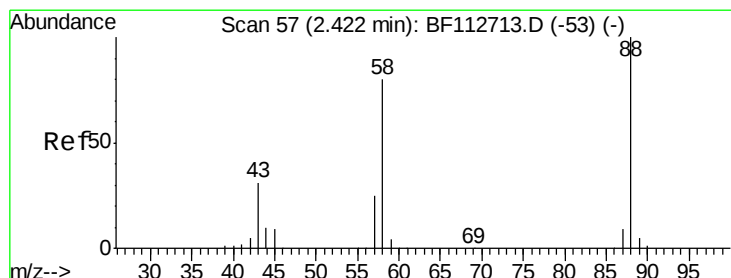
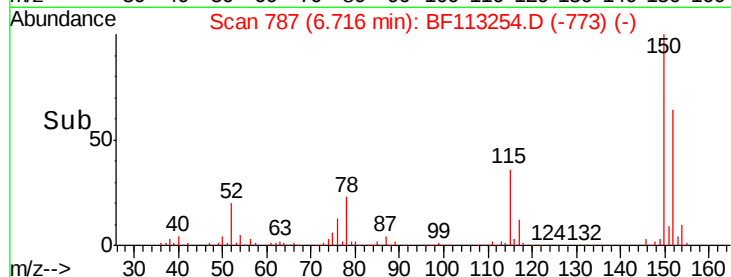
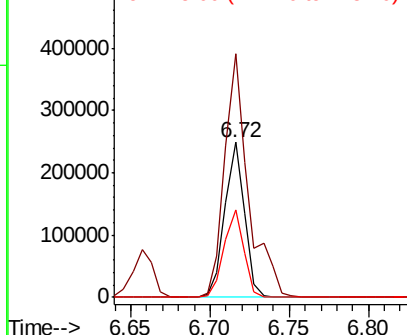


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.404 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.06 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

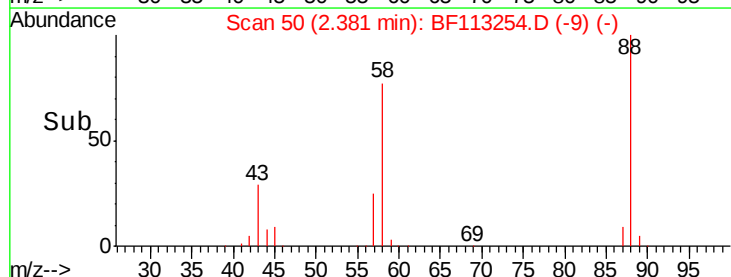
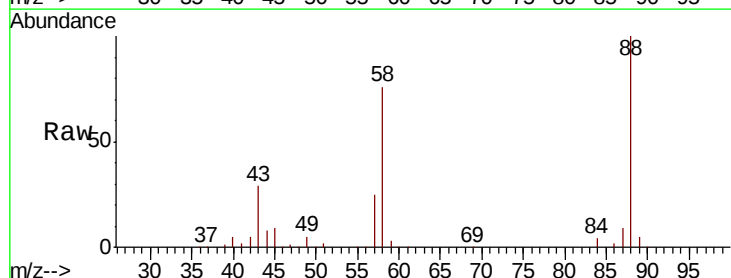
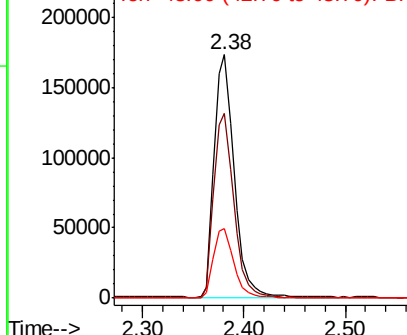
Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	63.1	94.7
43	29.2	24.3	36.5

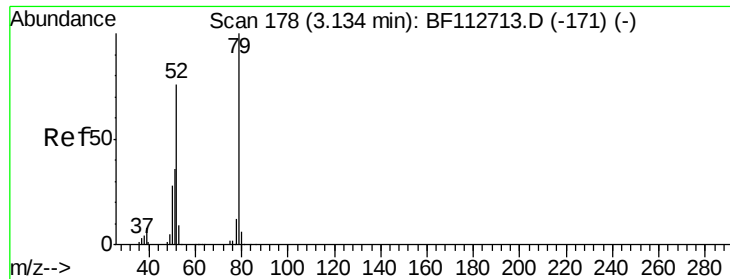
Abundance

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: 33.375 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.06 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 615818

Ion Ratio Lower Upper

79 100

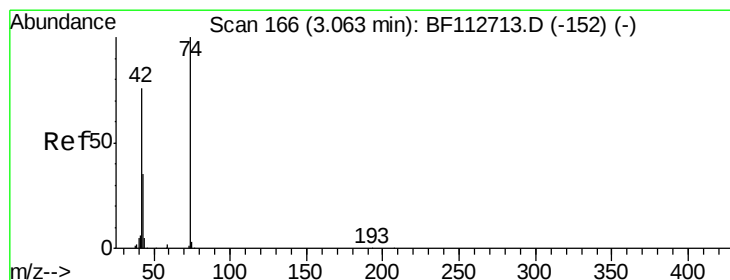
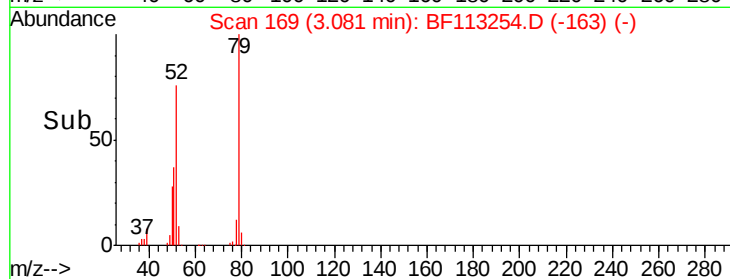
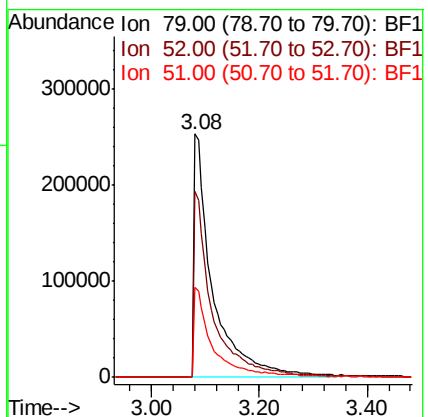
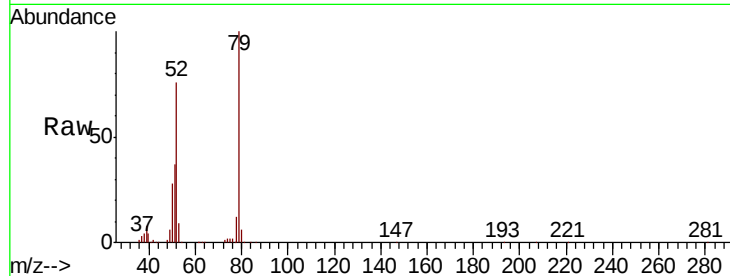
52 76.2 60.5 90.7

51 37.2 28.8 43.2

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#4

n-Nitrosodimethylamine

Concen: 34.126 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.05 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

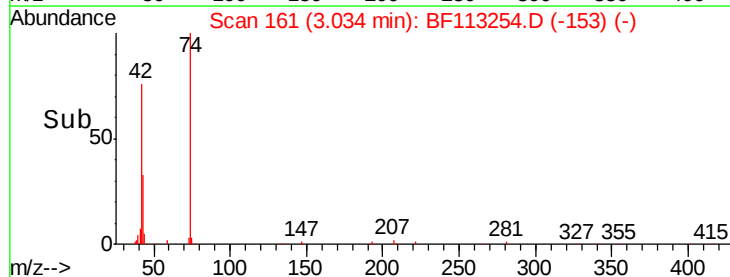
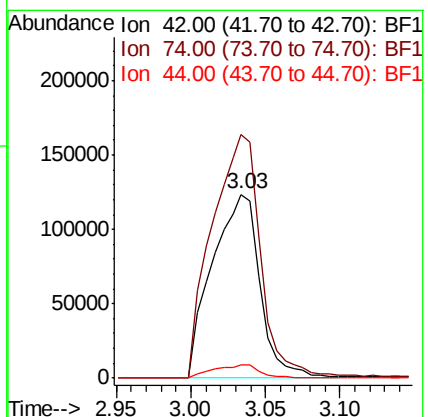
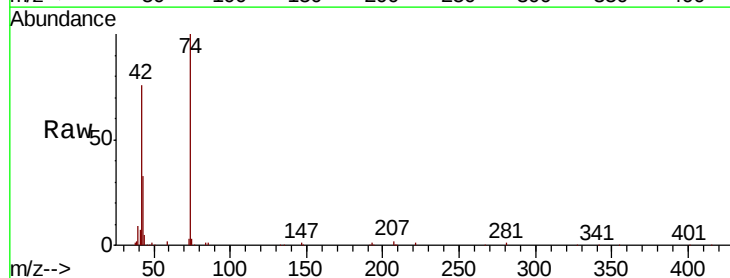
Tgt Ion: 42 Resp: 275451

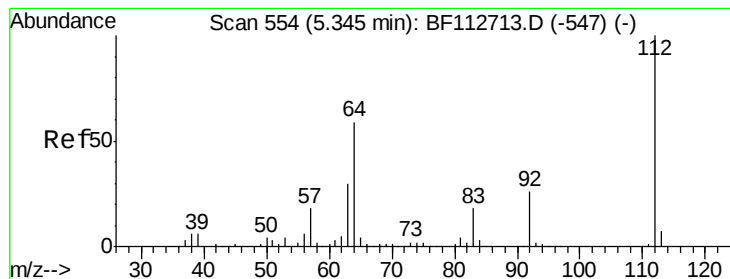
Ion Ratio Lower Upper

42 100

74 132.3 105.8 158.8

44 7.2 6.2 9.2





#5
2-Fluorophenol
Concen: 74.152 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

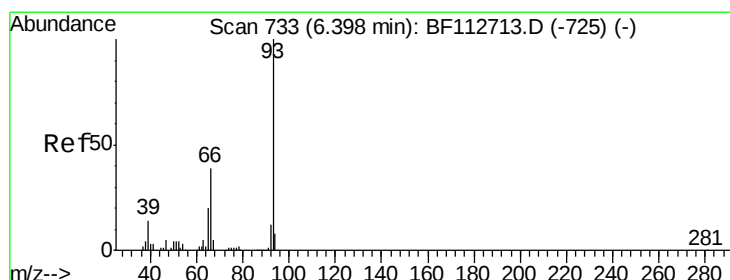
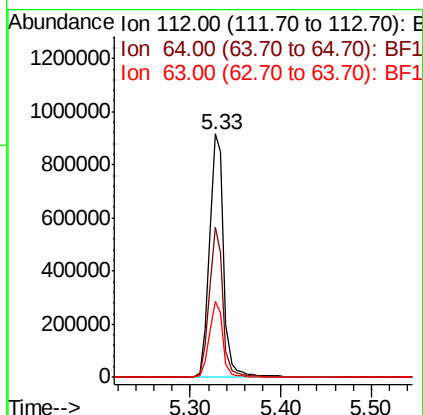
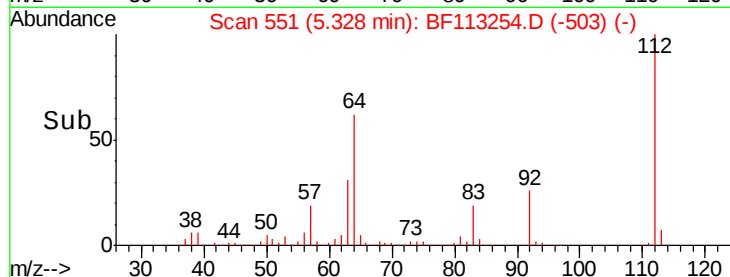
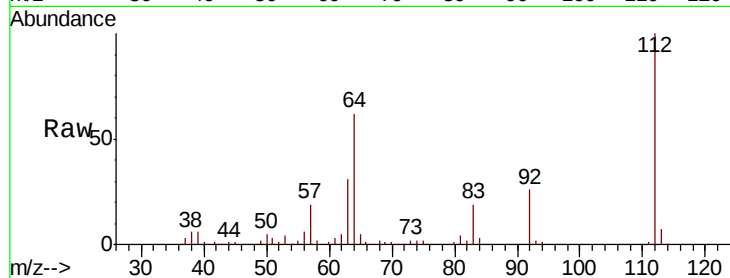
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	112	Resp:	1020257
Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.6	71.4
63	31.3	24.4	36.6

Manual Integrations
APPROVED

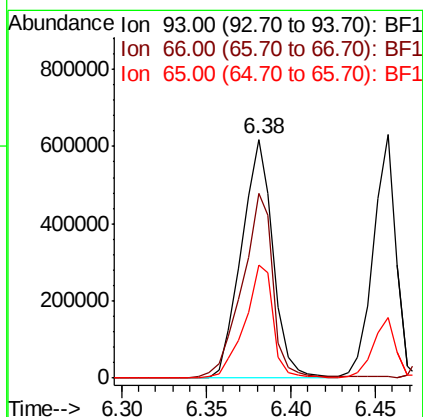
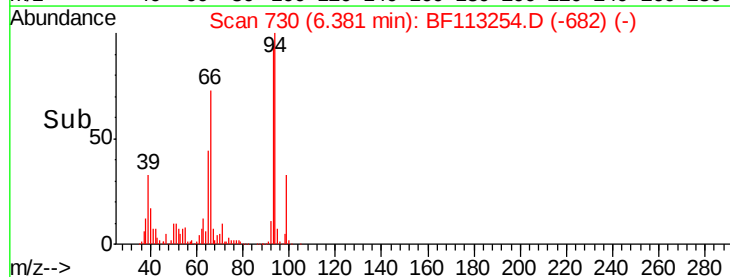
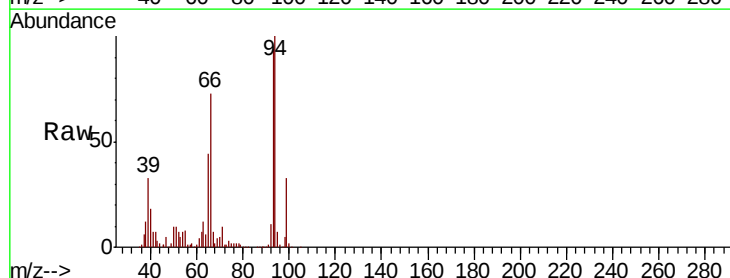
Sohil

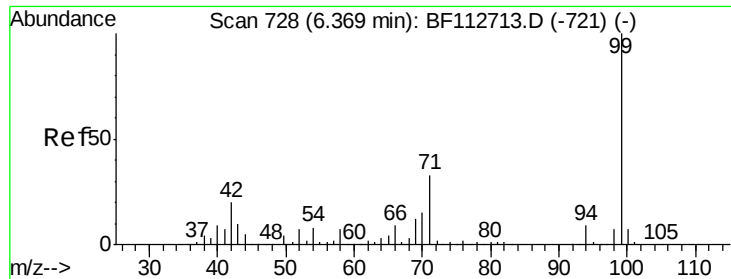
3/25/2019 12:48:12 PM



#6
Aniline
Concen: 33.938 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:	93	Resp:	807412
Ion	Ratio	Lower	Upper
93	100		
66	77.2	32.2	48.2#
65	47.3	16.2	24.4#





#7

Phenol-d6

Concen: 74.560 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1288663

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

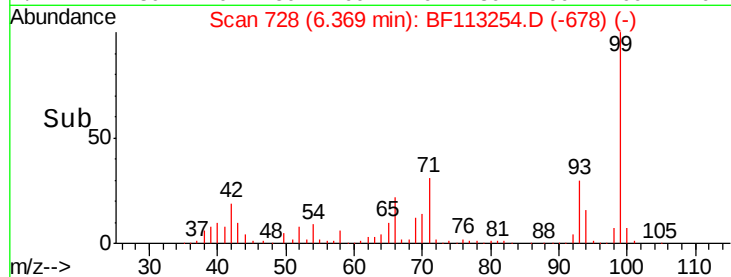
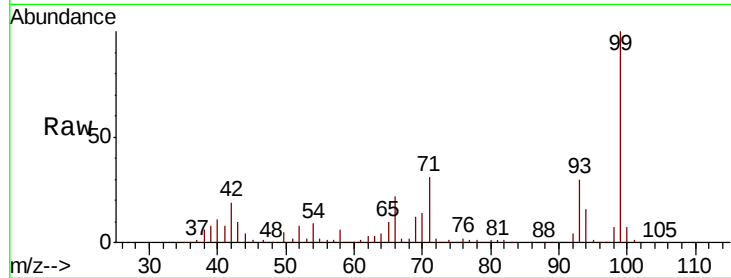
71 31.3 26.2 39.4

Manual Integrations

APPROVED

Sohil

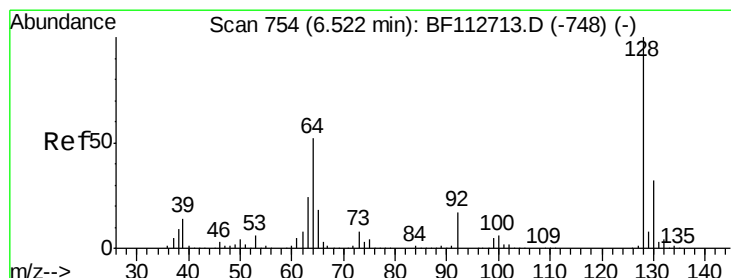
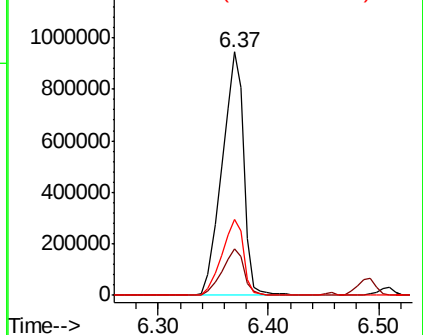
3/25/2019 12:48:12 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.890 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

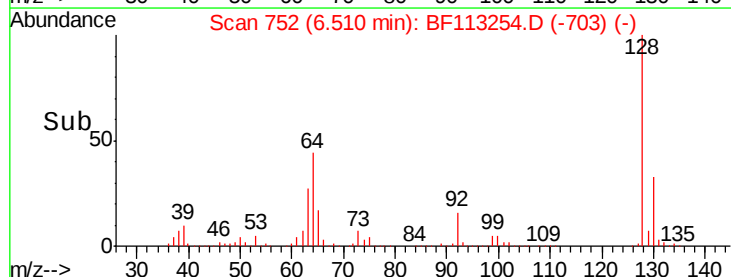
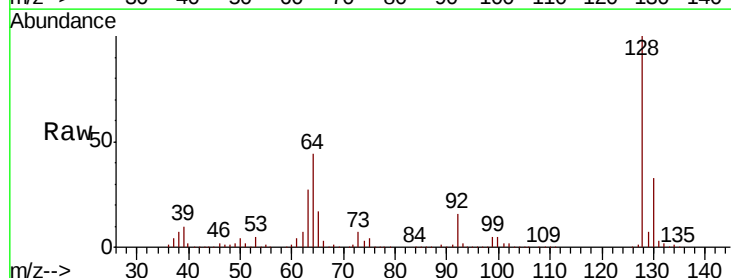
Tgt Ion: 128 Resp: 610964

Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

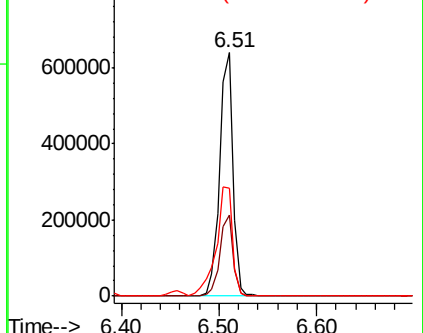
64 44.3 32.2 72.2

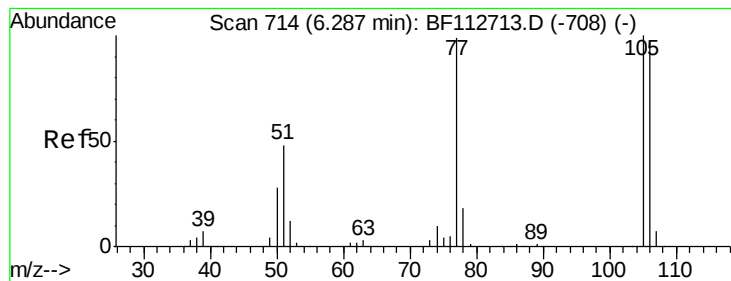


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.567 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampled :

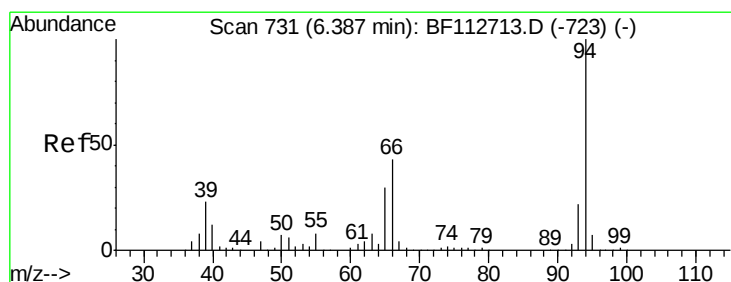
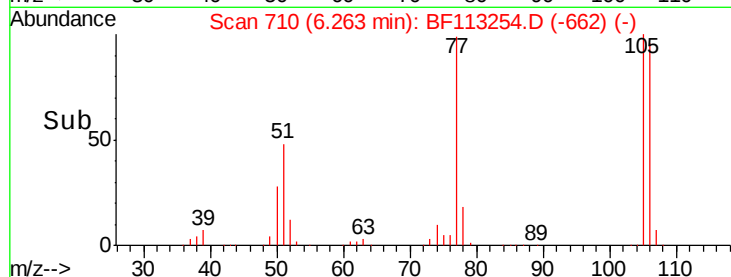
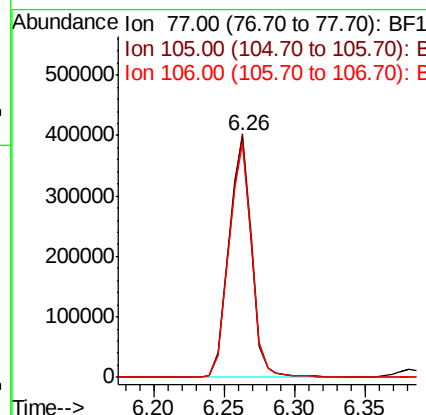
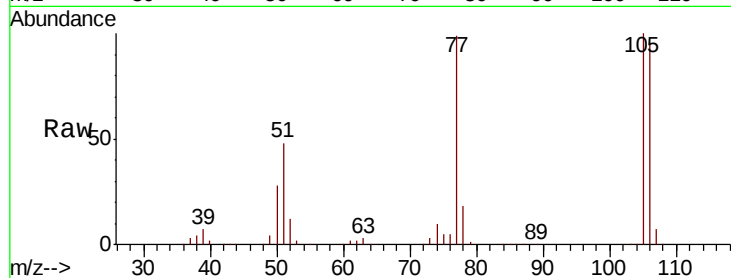
SSTDCCC040

Tot Ion:	77	Resp:	442934
Ion	Ratio	Lower	Upper
77	100		
105	100.9	81.4	121.4
106	96.9	78.3	118.3

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#10

Phenol

Concen: 36.715 ng

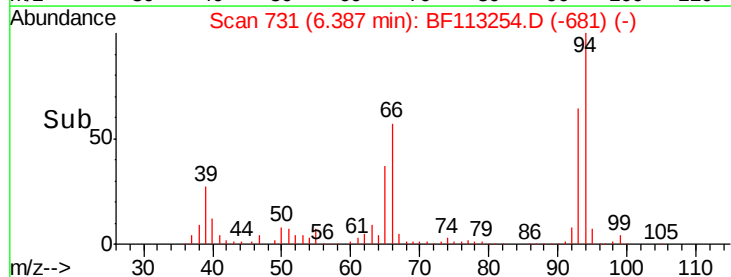
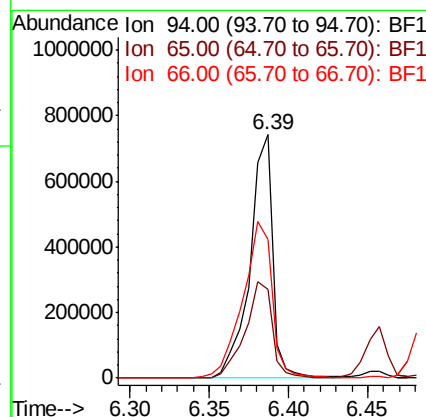
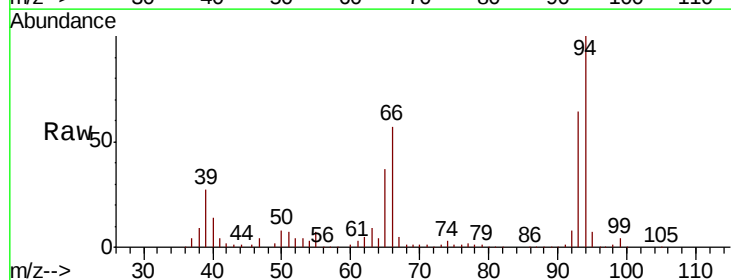
RT: 6.39 min Scan# 731

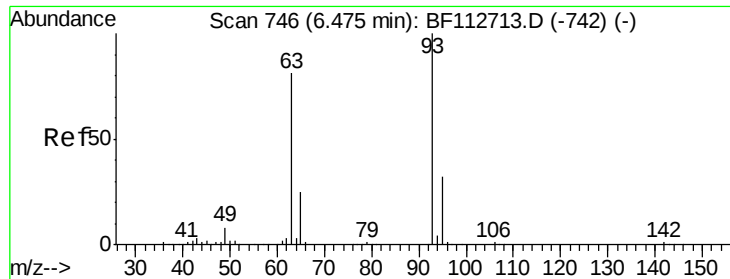
Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Tgt Ion:	94	Resp:	740487
Ion	Ratio	Lower	Upper
94	100		
65	36.6	10.5	50.5
66	56.7	22.6	62.6





#11
bis(2-Chloroethyl)ether
Concen: 37.829 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

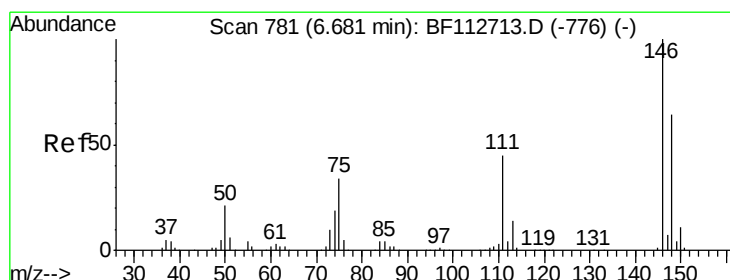
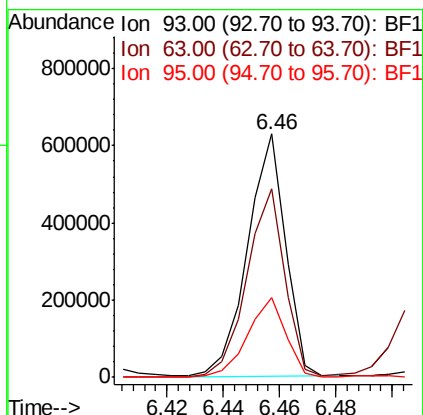
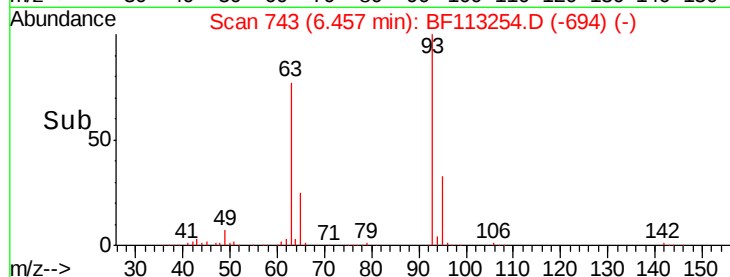
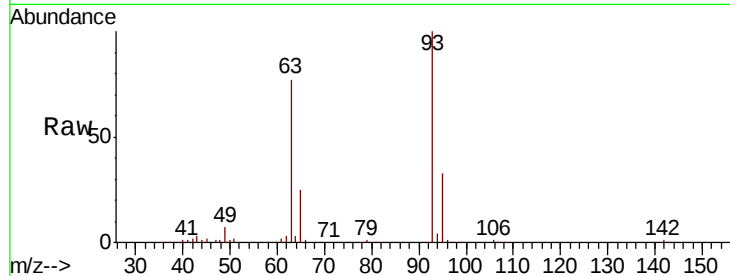
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	585617
Ion Ratio	Lower	Upper	
93	100		
63	77.2	60.5	100.5
95	32.9	12.1	52.1

Manual Integrations
APPROVED

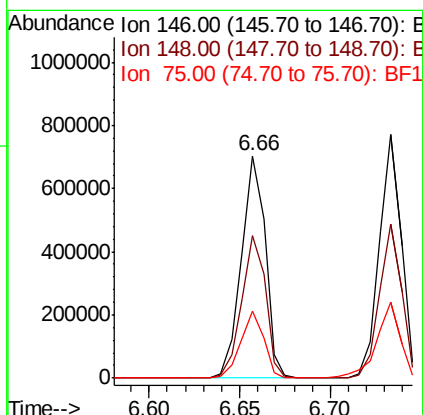
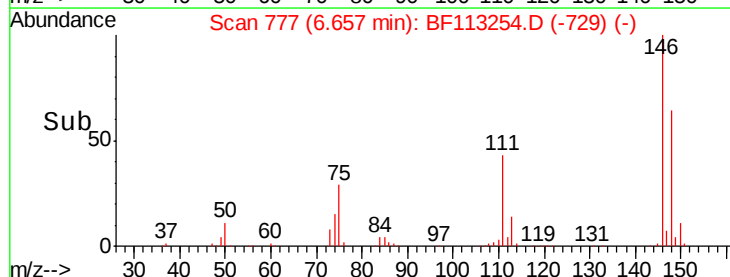
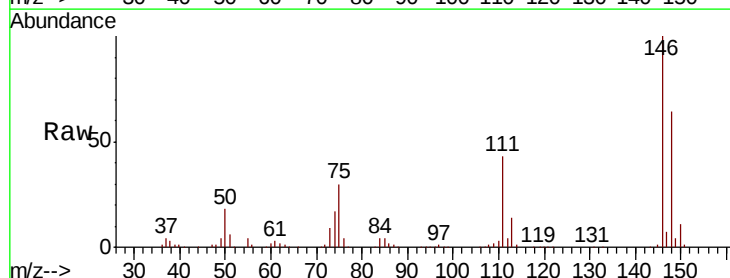
Sohil

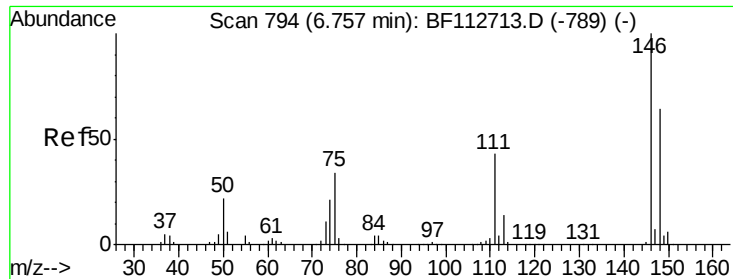
3/25/2019 12:48:12 PM



#12
1,3-Dichlorobenzene
Concen: 41.105 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:	146	Resp:	650355
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.9	76.3
75	30.2	26.9	40.3





#13
1,4-Dichlorobenzene
Concen: 41.408 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

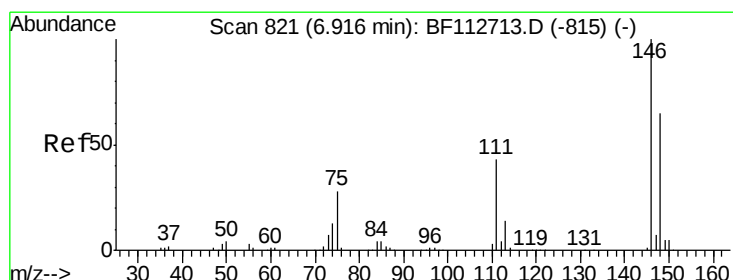
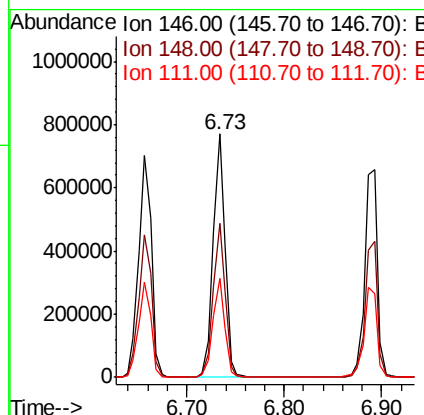
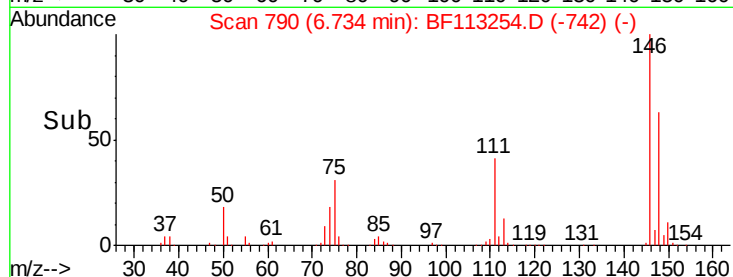
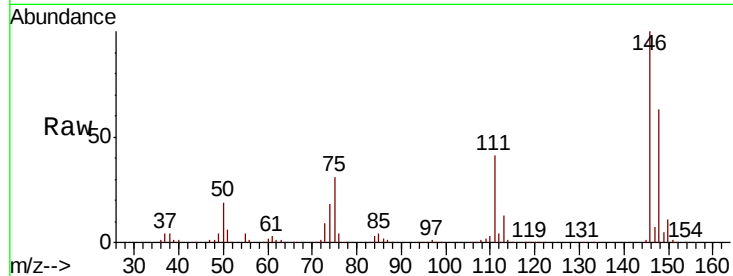
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.4
111	40.6	34.5	51.7

Manual Integrations
APPROVED

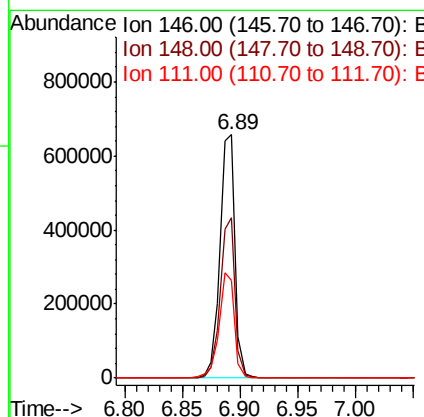
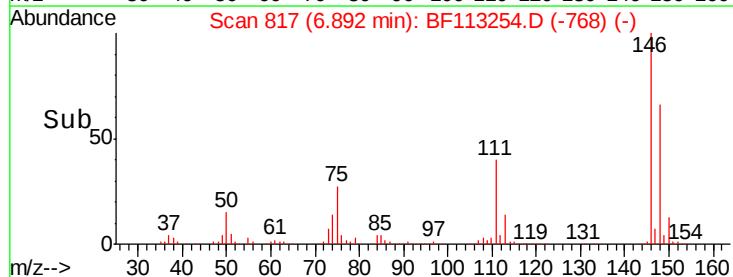
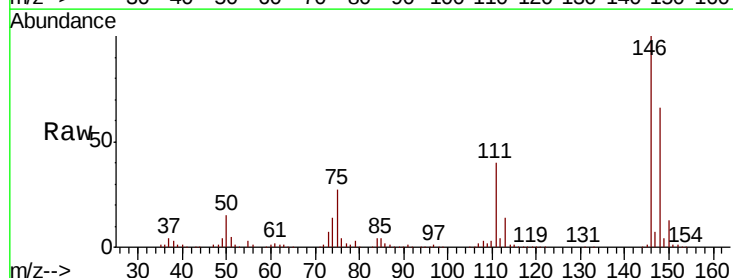
Sohil

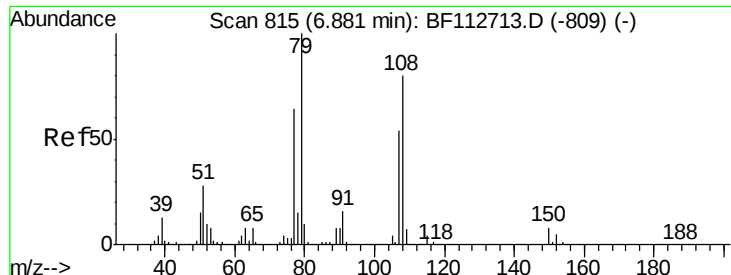
3/25/2019 12:48:12 PM



#14
1,2-Dichlorobenzene
Concen: 40.984 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.0	78.0
111	40.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 36.598 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

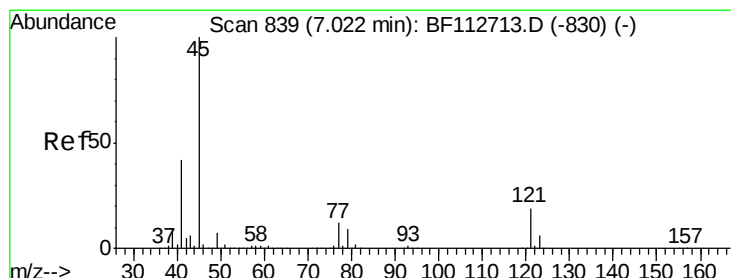
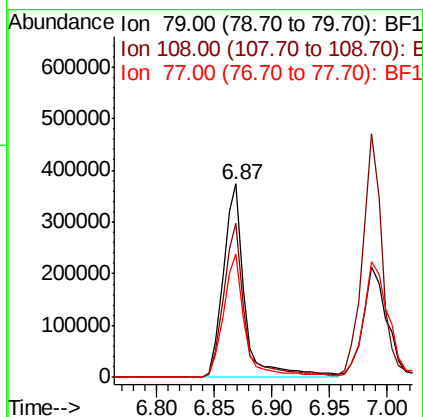
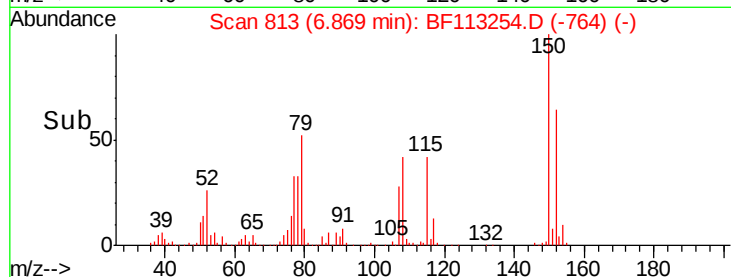
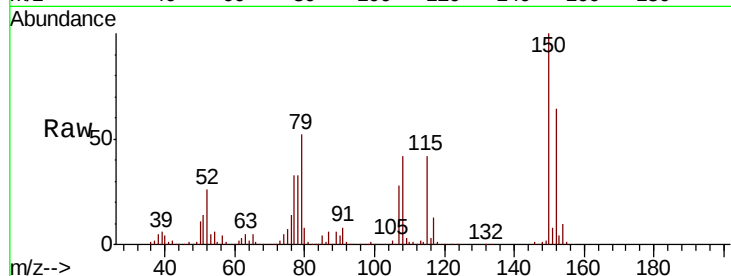
SSTDCCC040

Tot Ion:	79	Resp:	482339
Ion Ratio	Lower	Upper	
79	100		
108	79.6	64.2	96.4
77	64.1	51.1	76.7

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.587 ng

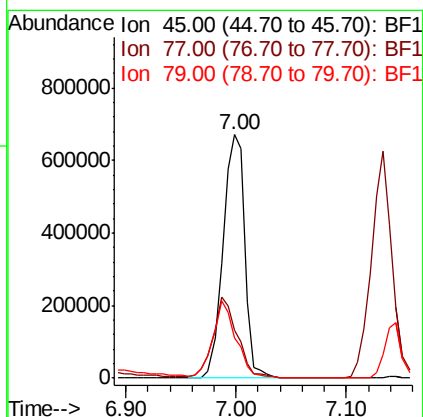
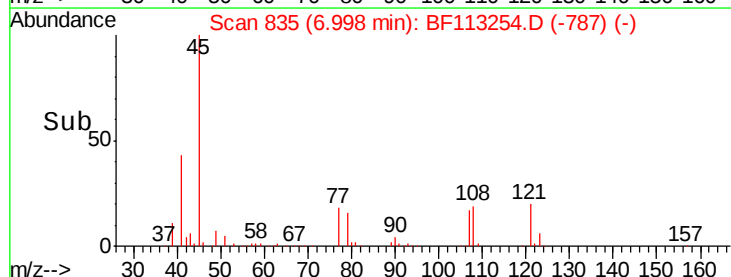
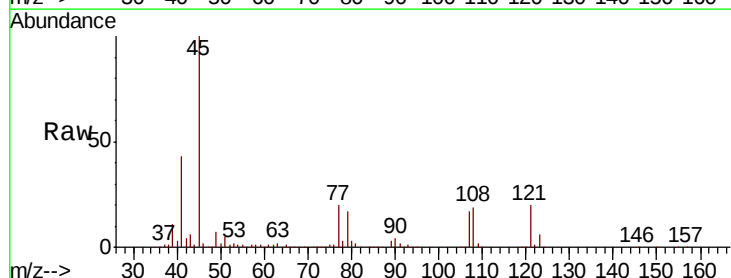
RT: 7.00 min Scan# 835

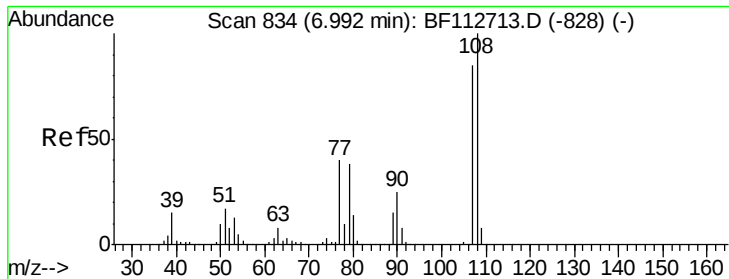
Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Tgt Ion:	45	Resp:	919366
Ion Ratio	Lower	Upper	
45	100		
77	19.6	0.0	32.1
79	16.7	0.0	29.4





#17

2-Methylphenol

Concen: 39.308 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

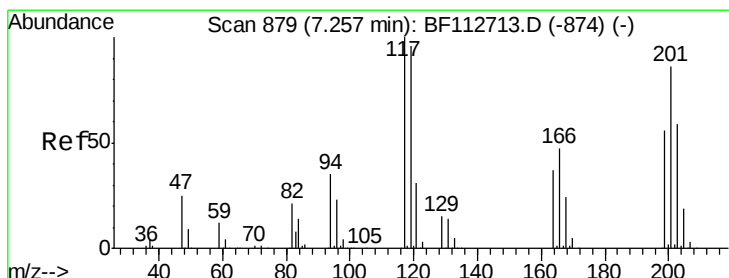
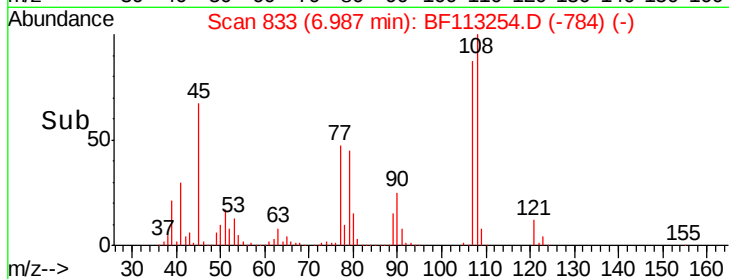
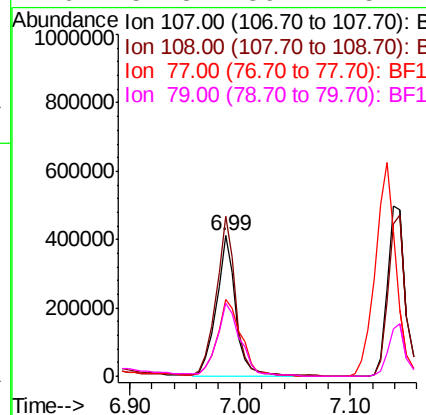
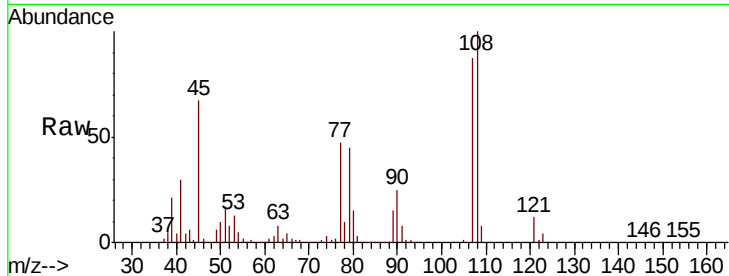
SSTDCCC040

Tot Ion:	107	Resp:	488406
Ion Ratio	Lower	Upper	
107	100		
108	114.6	94.6	142.0
77	54.4	37.8	56.8
79	51.8	36.2	54.2

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#18

Hexachloroethane

Concen: 39.876 ng

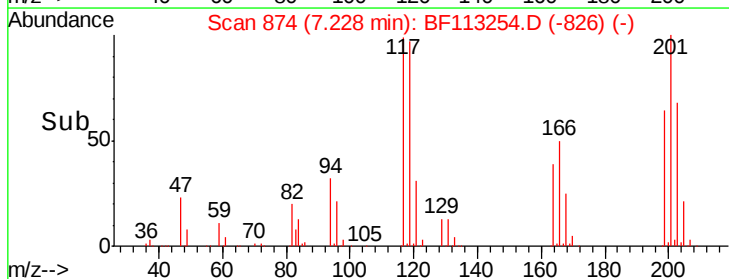
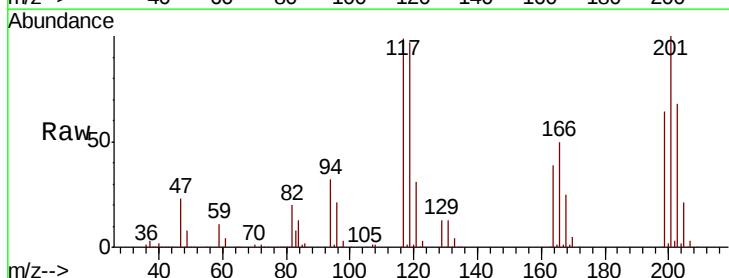
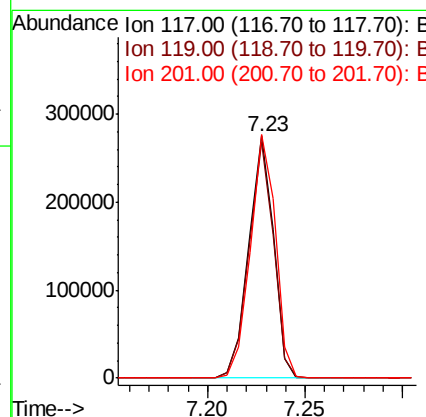
RT: 7.23 min Scan# 874

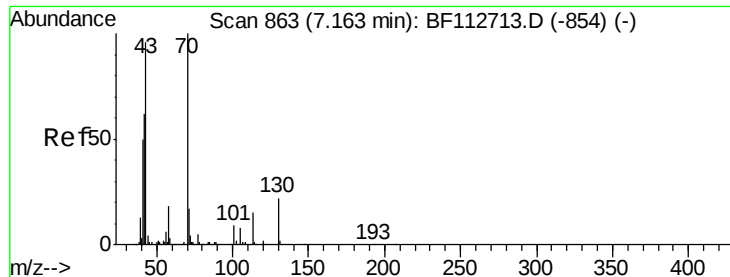
Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Tgt Ion:	117	Resp:	242370
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.6	115.0
201	100.6	68.9	103.3





#19
n-Nitroso-di-n-propylamine
Concen: 37.400 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

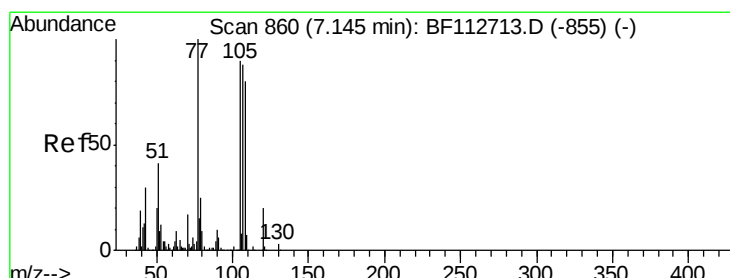
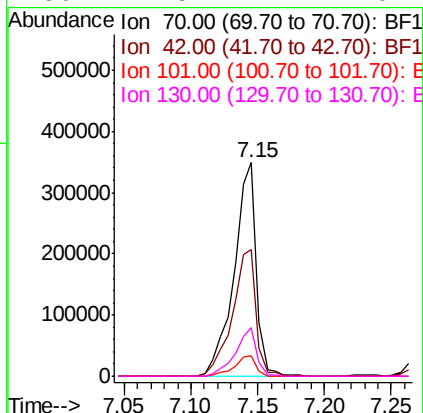
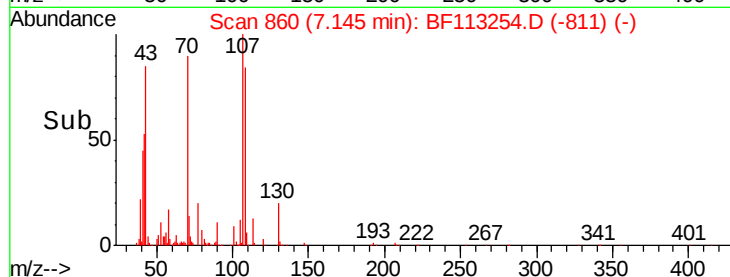
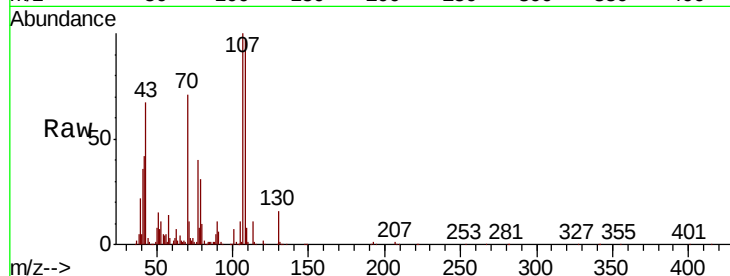
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.9	74.9
101	9.4	7.4	11.2
130	22.5	17.4	26.2

Manual Integrations
APPROVED

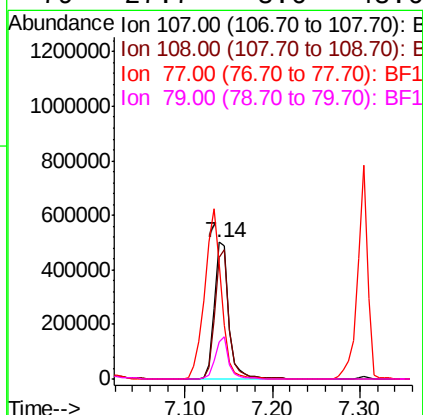
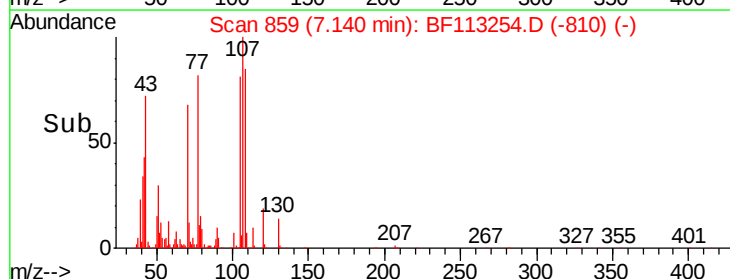
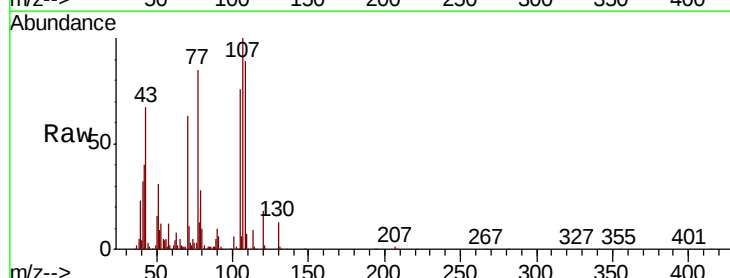
Sohil

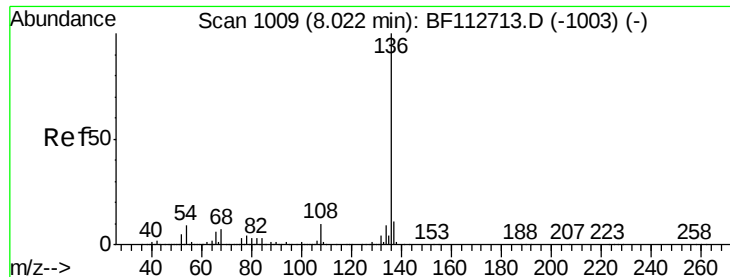
3/25/2019 12:48:12 PM



#20
3+4-Methylphenols
Concen: 40.993 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.4	111.4
77	84.9	94.1	134.1#
79	27.7	8.6	48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

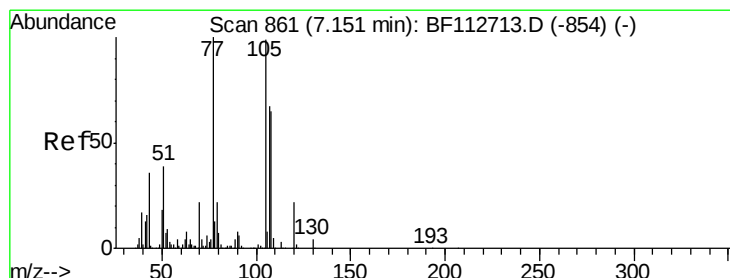
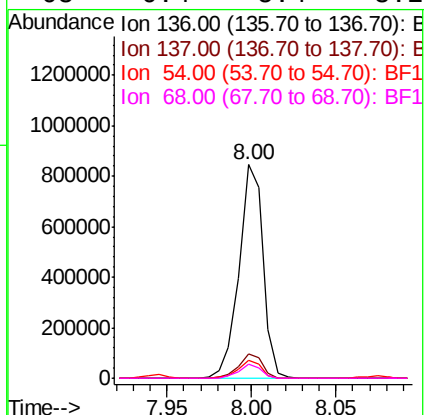
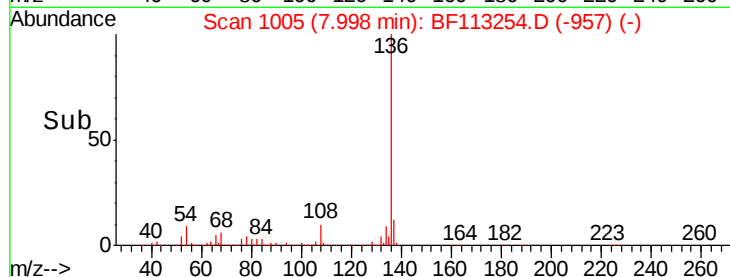
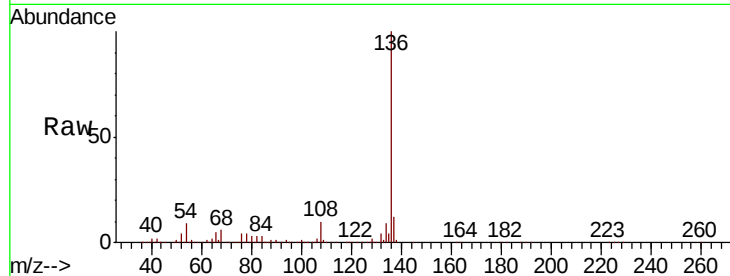
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	838502		
137	11.7		8.9	13.3
54	8.7		7.3	10.9
68	6.4		5.4	8.2

Manual Integrations
APPROVED

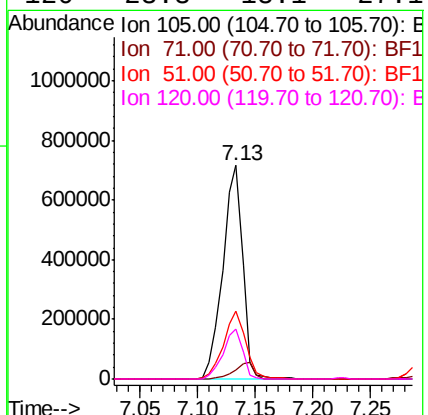
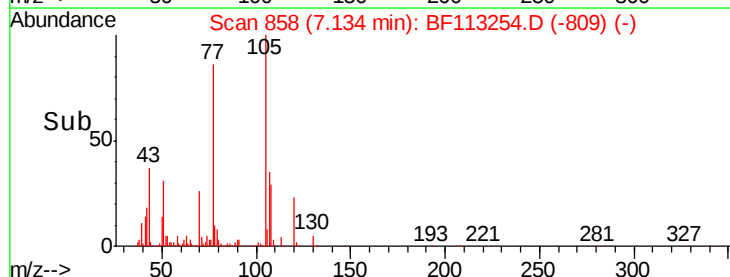
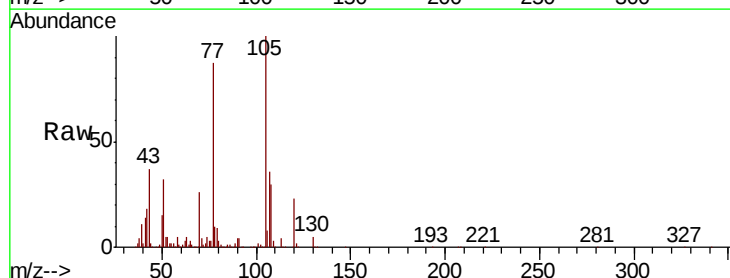
Sohil

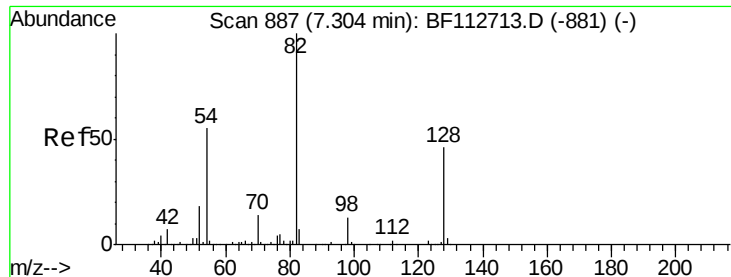
3/25/2019 12:48:12 PM



#22
Acetophenone
Concen: 43.520 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	853269		
71	4.3		3.0	4.4
51	31.9		31.5	47.3
120	23.3		18.1	27.1





#23
Nitrobenzene-d5
Concen: 88.059 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

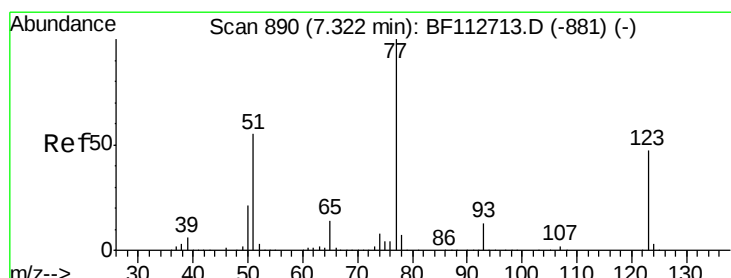
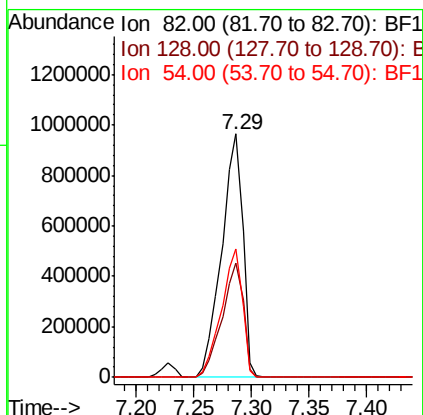
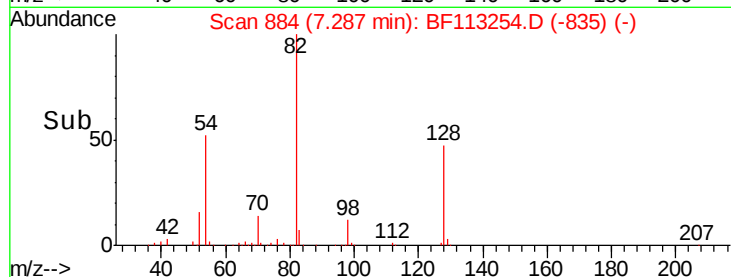
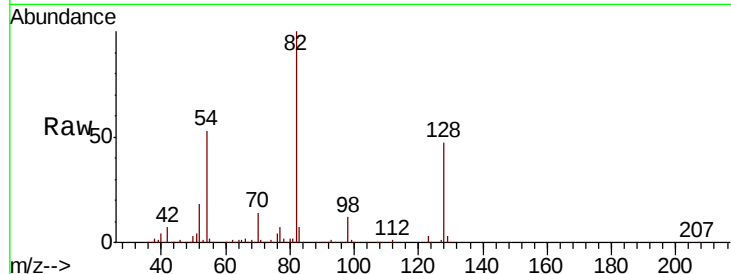
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	52.9	43.7	65.5

Manual Integrations
APPROVED

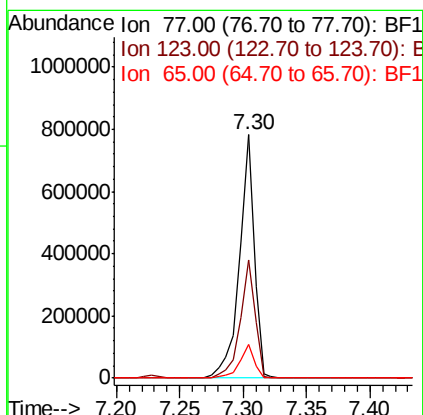
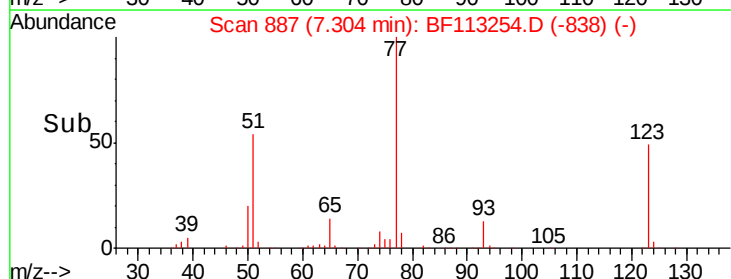
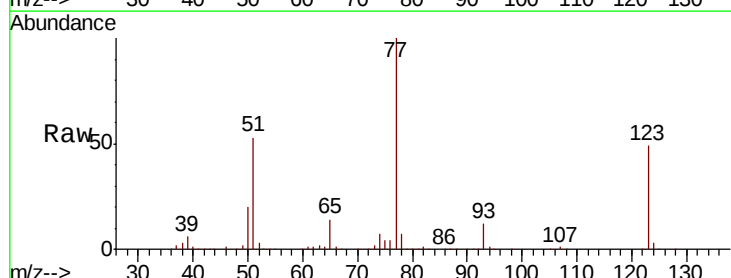
Sohil

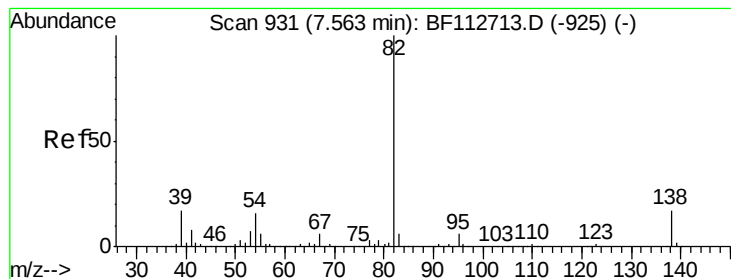
3/25/2019 12:48:12 PM



#24
Nitrobenzene
Concen: 40.390 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.8	56.6
65	13.9	11.1	16.7





#25

Isophorone

Concen: 38.766 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1170281

Ion Ratio Lower Upper

82 100

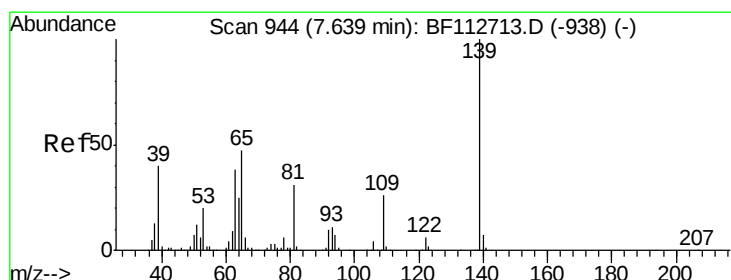
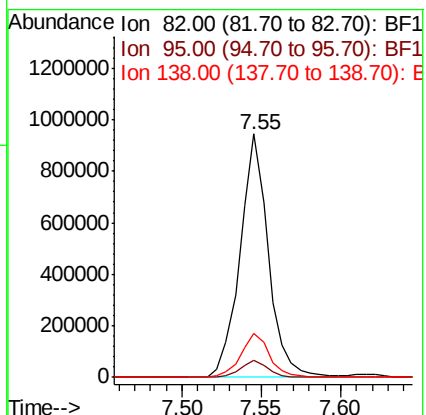
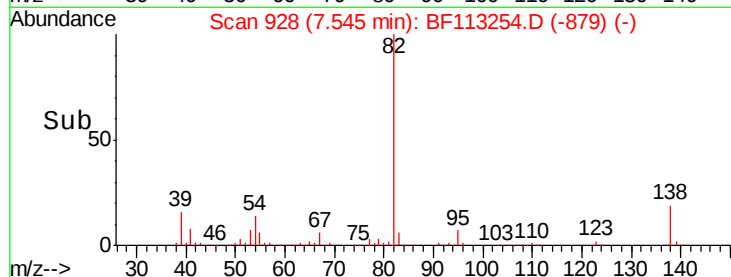
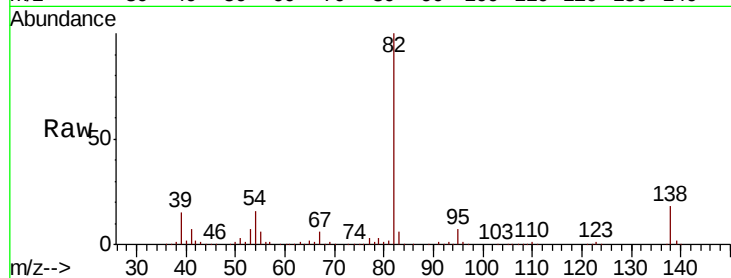
95 6.8 5.2 7.8

138 18.2 13.8 20.8

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#26

2-Nitrophenol

Concen: 53.870 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

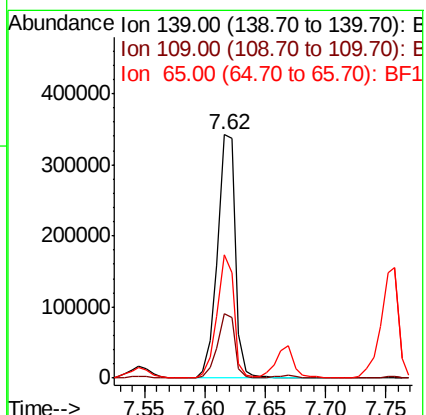
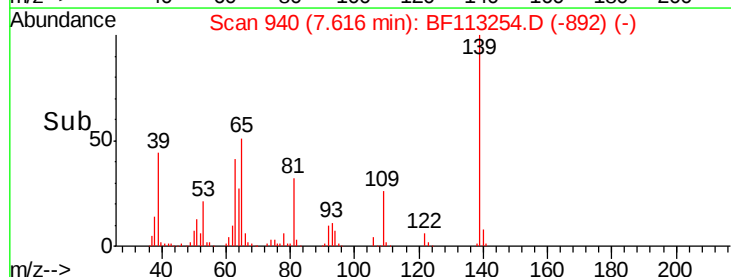
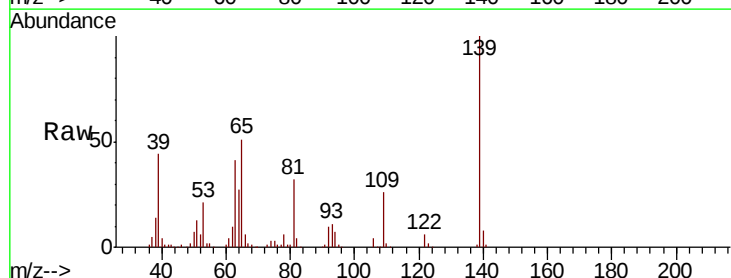
Tgt Ion: 139 Resp: 349746

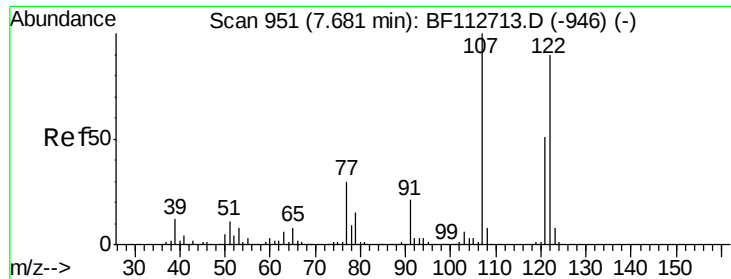
Ion Ratio Lower Upper

139 100

109 26.3 20.6 31.0

65 50.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 40.478 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

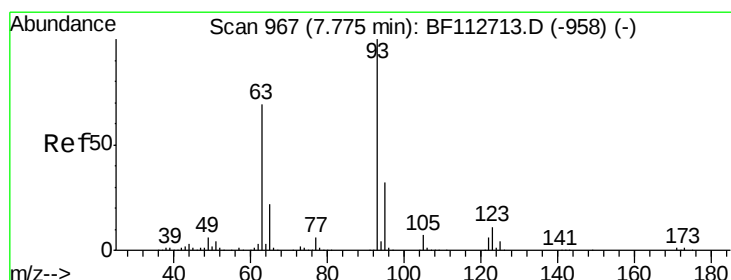
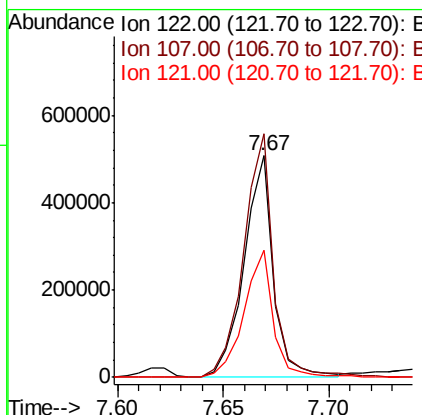
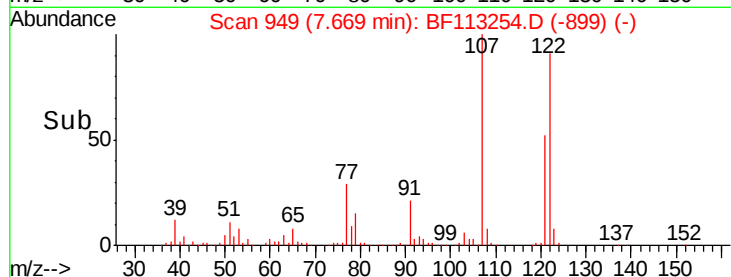
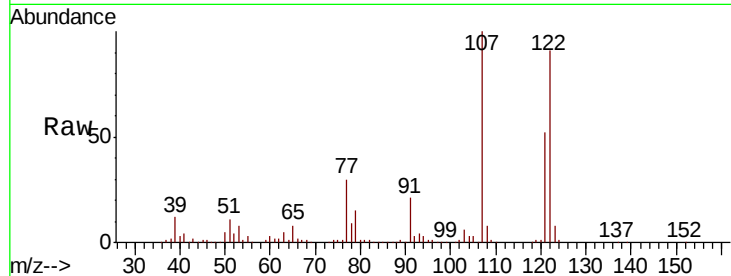
SSTDCCC040

Tot Ion:	122	Resp:	488914
Ion Ratio	Lower	Upper	
122	100		
107	109.9	89.4	134.0
121	57.5	45.5	68.3

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.983 ng

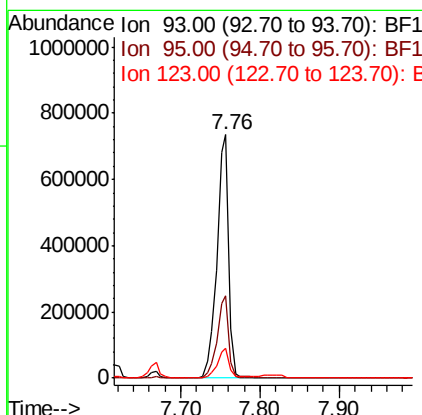
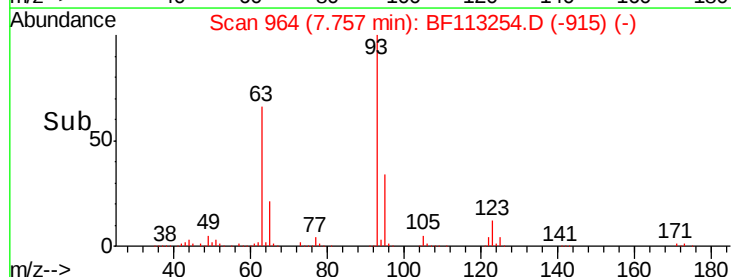
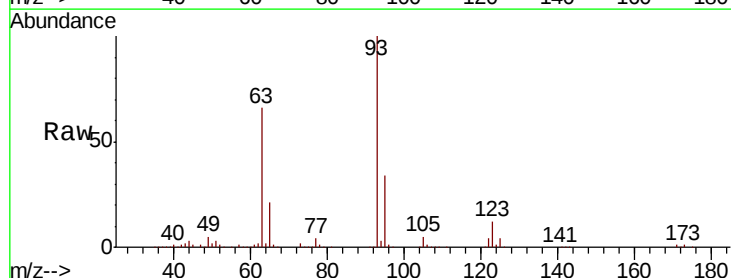
RT: 7.76 min Scan# 964

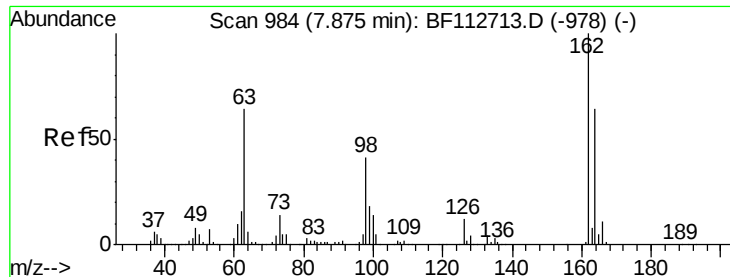
Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Tgt Ion:	93	Resp:	754652
Ion Ratio	Lower	Upper	
93	100		
95	33.8	26.0	39.0
123	12.0	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 45.250 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

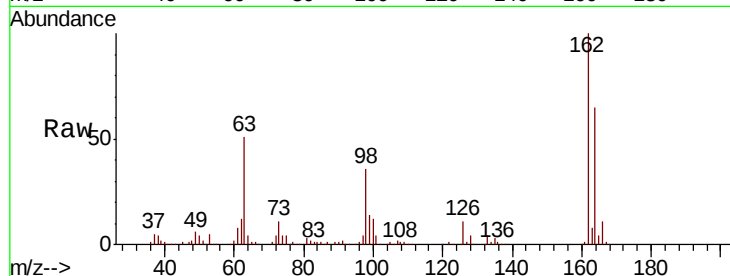
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	530016
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.0	84.0
98	35.6	20.7	60.7

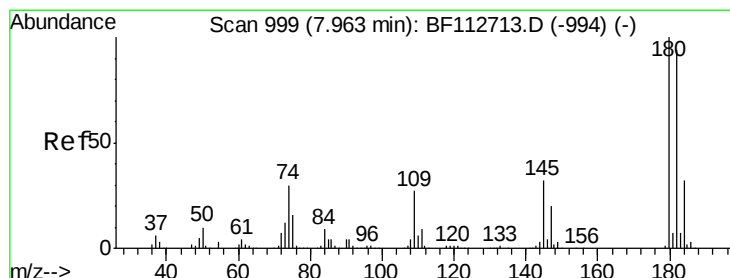
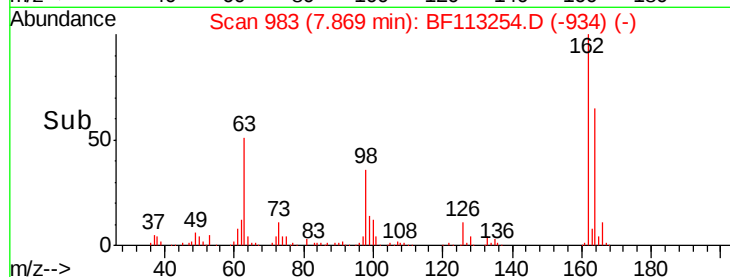
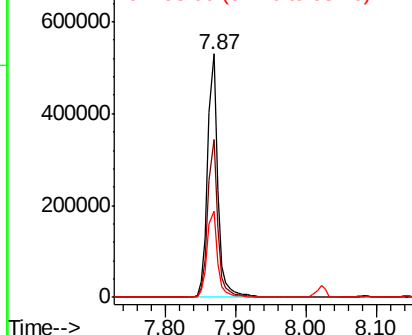
Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

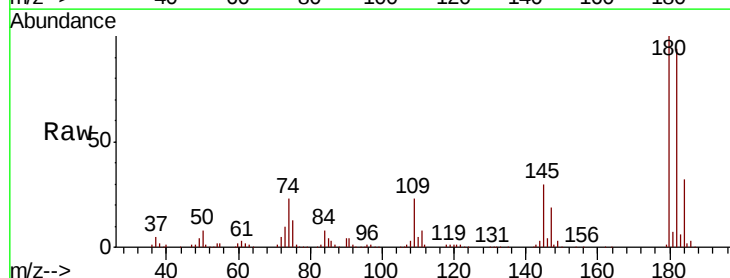


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

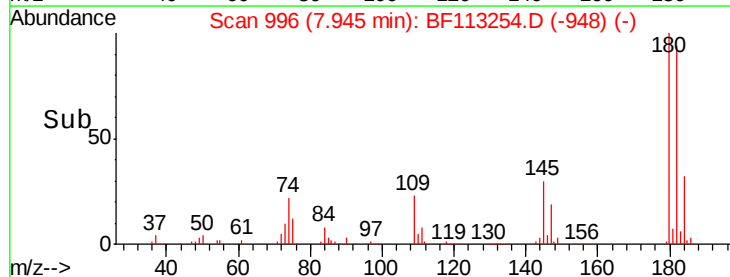
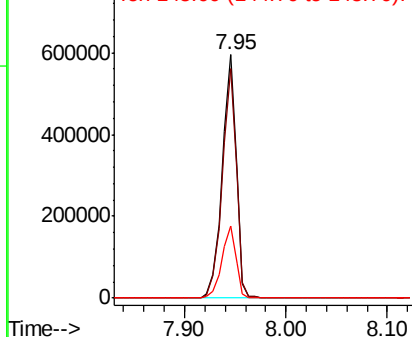


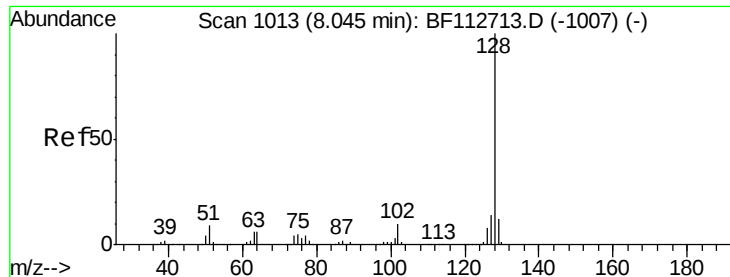
#30
1,2,4-Trichlorobenzene
Concen: 45.291 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:	180	Resp:	570016
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.2	112.8
145	29.5	25.4	38.0



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: 40.477 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

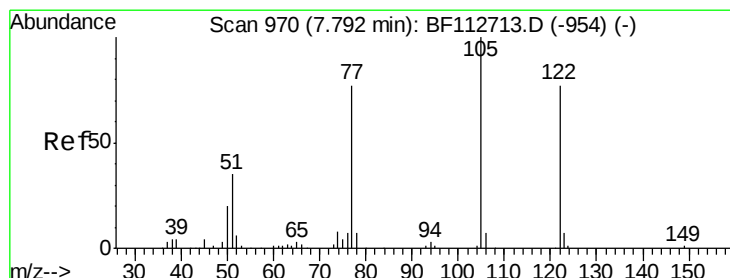
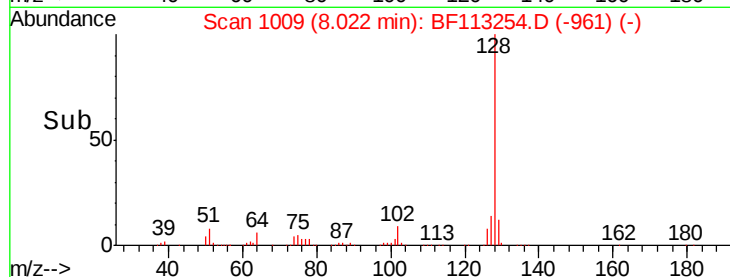
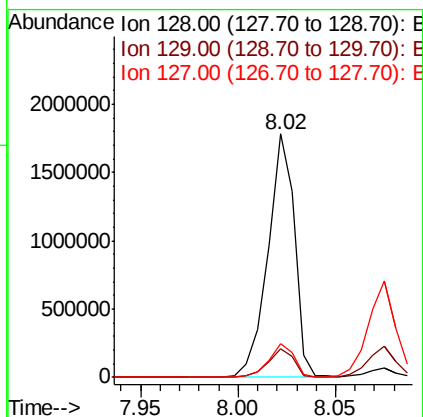
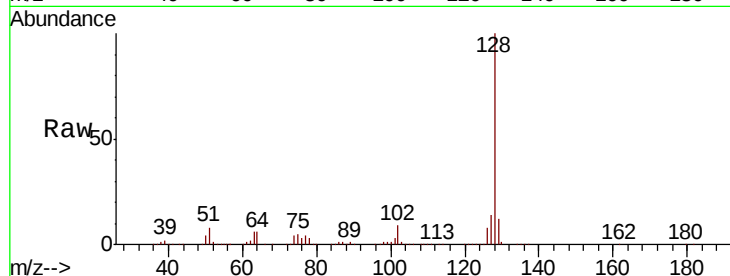
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1685037
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.0 10.9 16.3

Manual Integrations
APPROVED

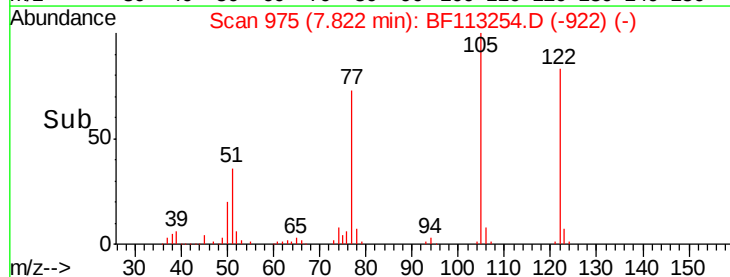
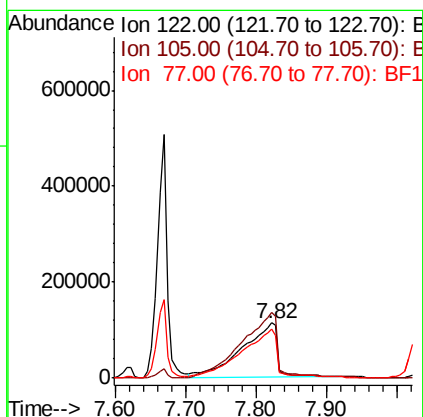
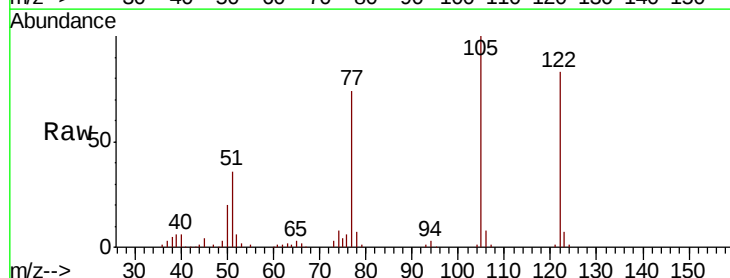
Sohil

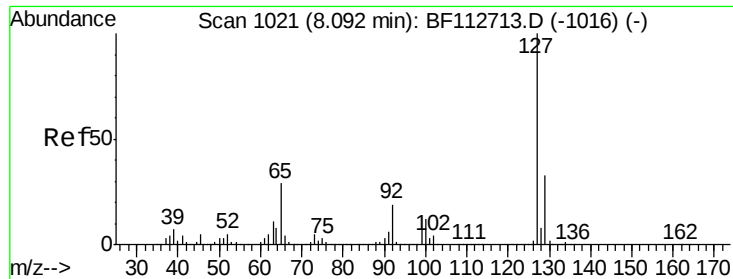
3/25/2019 12:48:12 PM



#32
Benzoic acid
Concen: 48.204 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:122 Resp: 408081
Ion Ratio Lower Upper
122 100
105 120.6 106.8 146.8
77 89.1 79.4 119.4





#33
4-Chloroaniline
Concen: 41.585 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

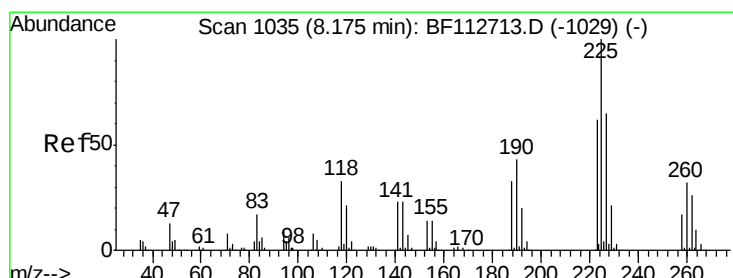
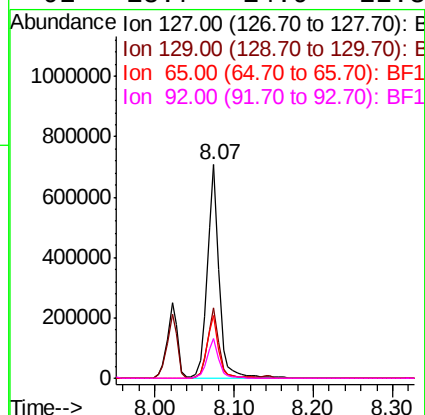
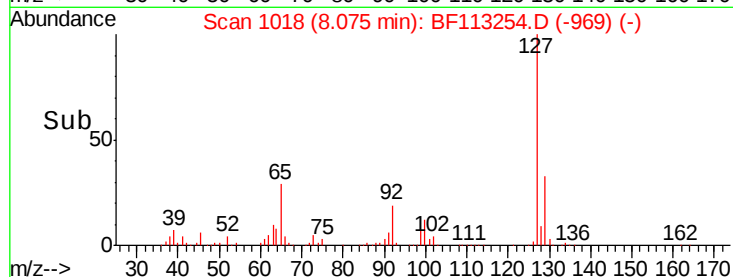
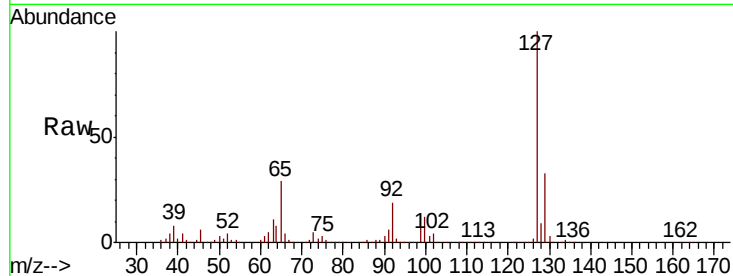
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		733246		
129	32.8	26.4	39.6		
65	29.3	23.1	34.7		
92	18.7	14.9	22.3		

Manual Integrations
APPROVED

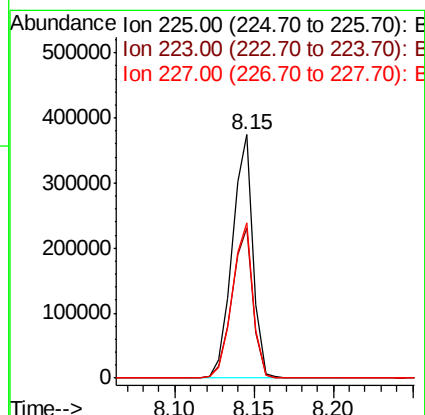
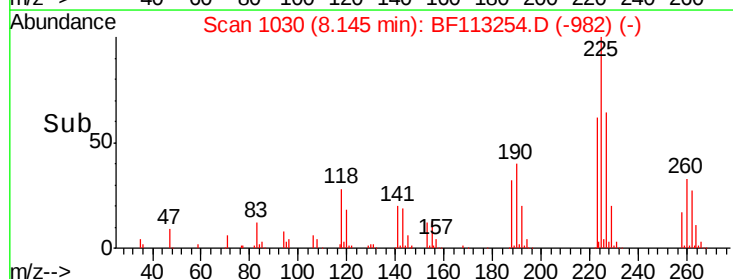
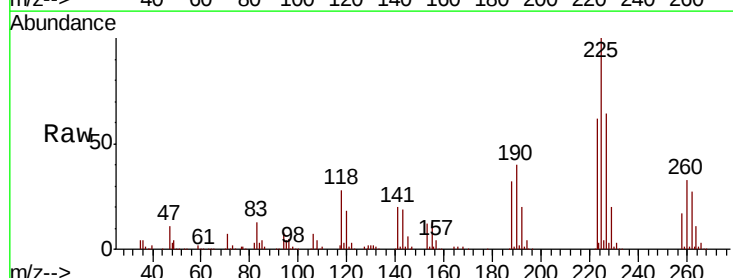
Sohil

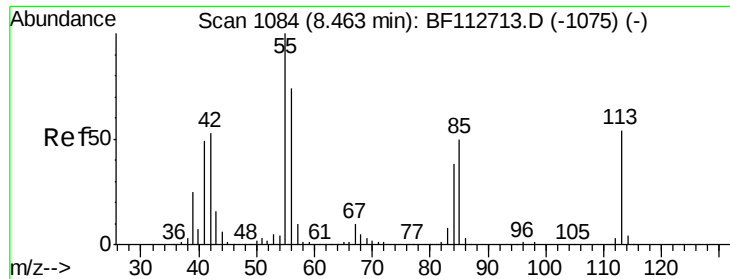
3/25/2019 12:48:12 PM



#34
Hexachlorobutadiene
Concen: 47.591 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		337793		
223	61.6	49.7	74.5		
227	63.7	52.1	78.1		





#35
Caprolactam
Concen: 40.971 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

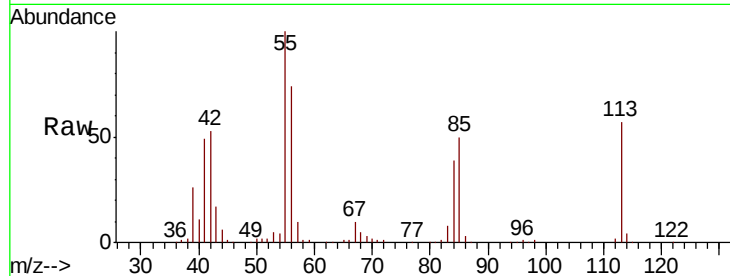
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	174.0	163.5	203.5	
56	129.0	115.3	155.3	

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

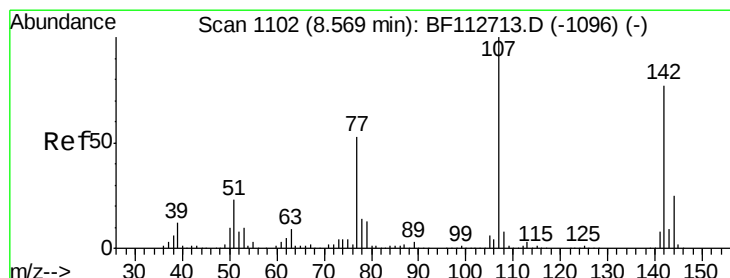
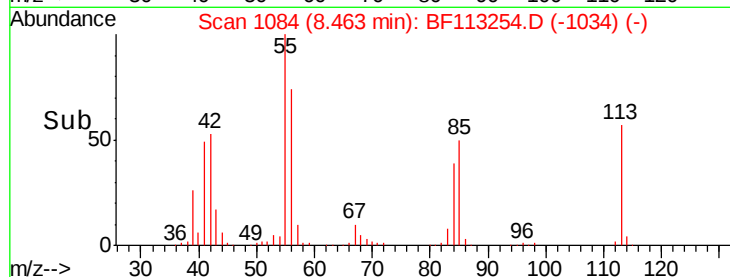
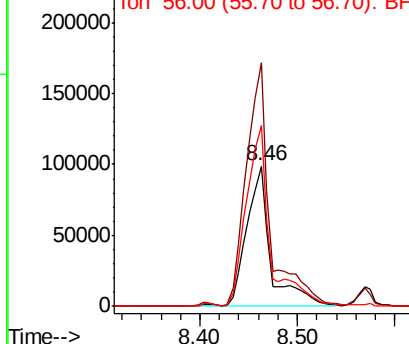


Abundance

Ion 113.00 (112.70 to 113.70): E

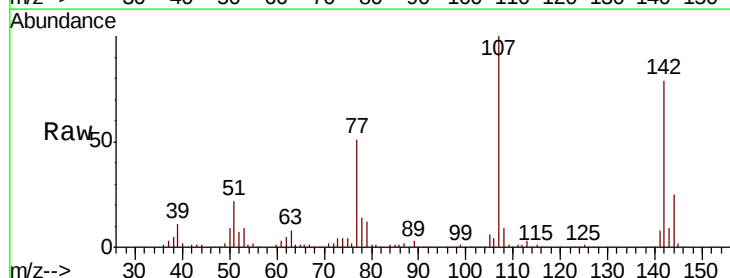
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 41.760 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.4	20.1	30.1	
142	79.4	61.9	92.9	

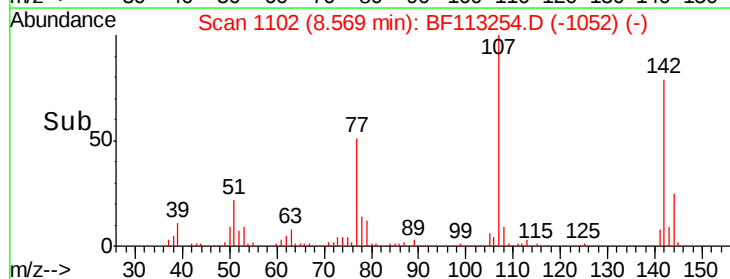
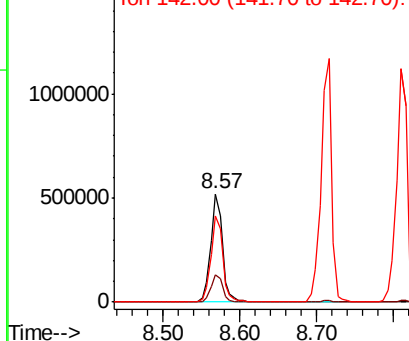


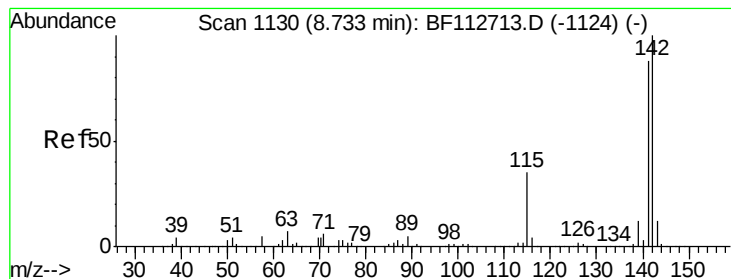
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 41.912 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

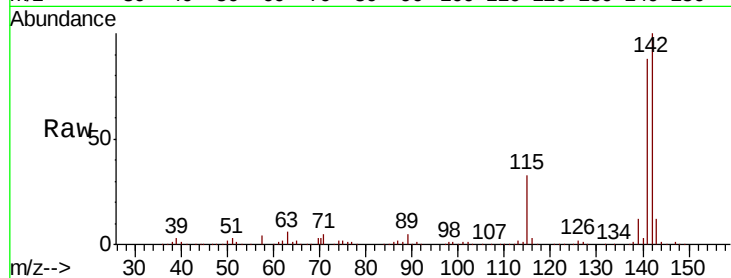
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.3	105.5
115	32.8	27.8	41.6

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

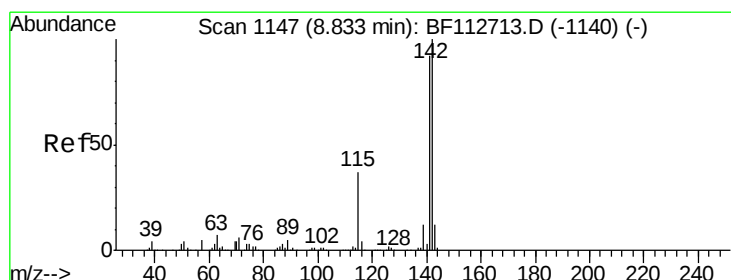
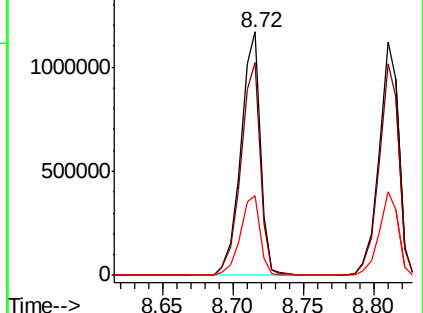
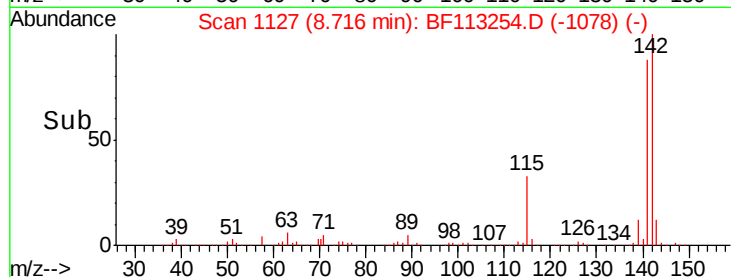


Abundance

Ion 142.00 (141.70 to 142.70): E

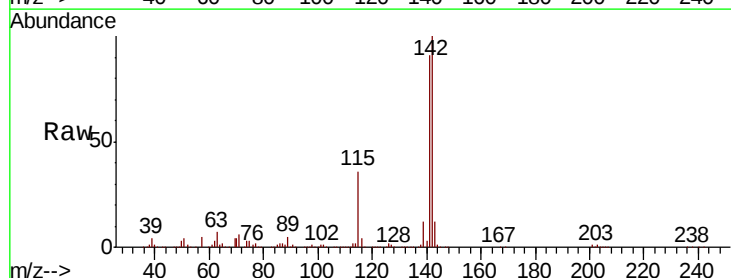
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.636 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.7	110.5
116	3.8	3.1	4.7

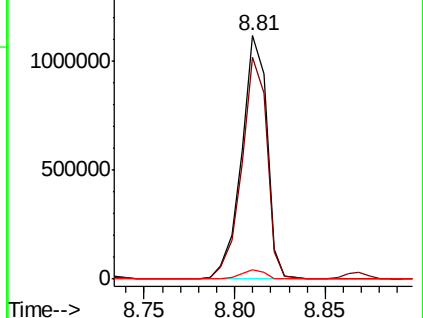
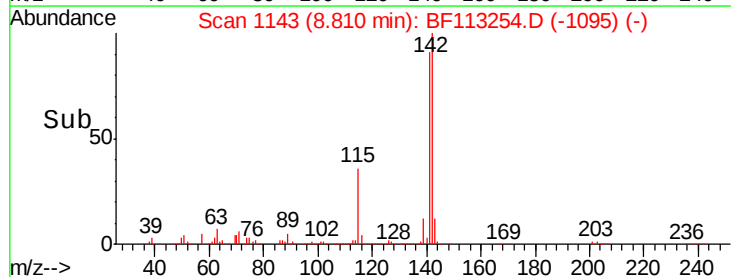


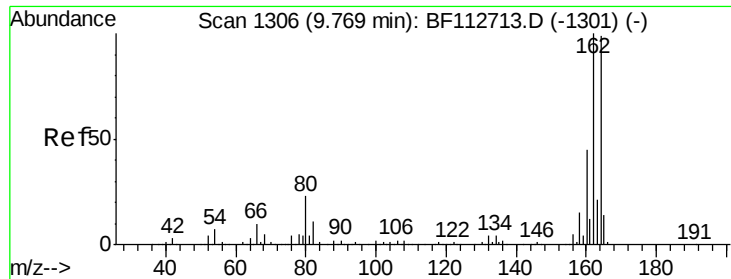
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

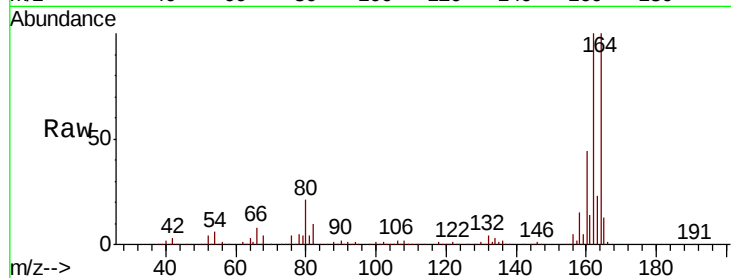
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.3	36.0	54.0

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

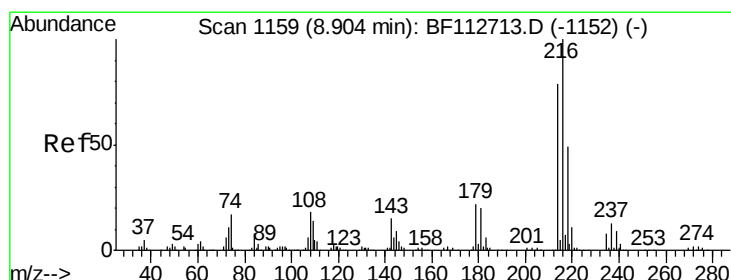
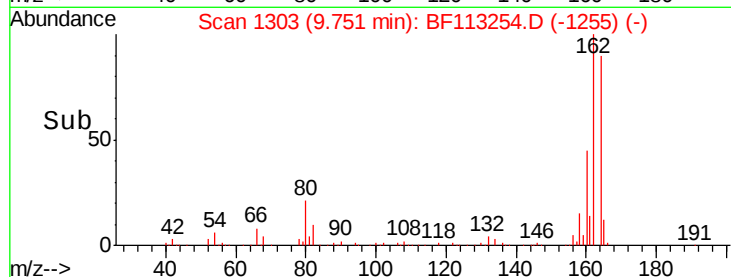
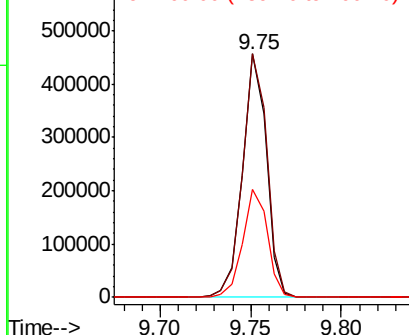


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.053 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.2	94.8
179	20.4	17.5	26.3
108	17.5	16.7	25.1

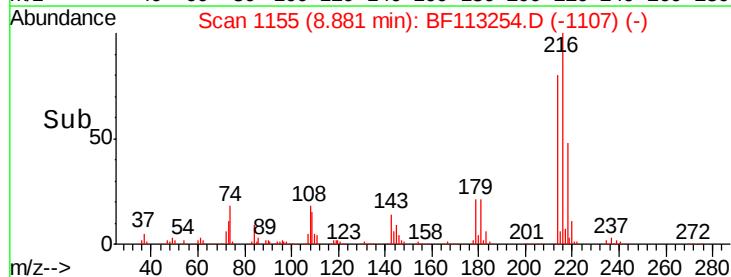
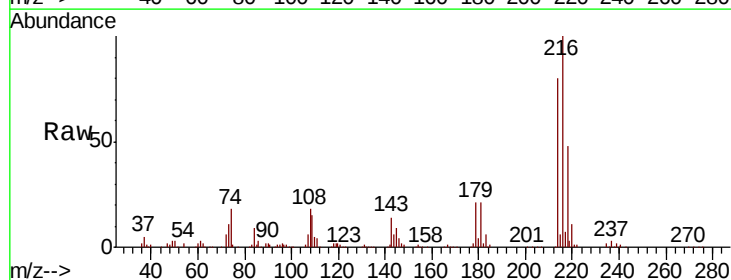
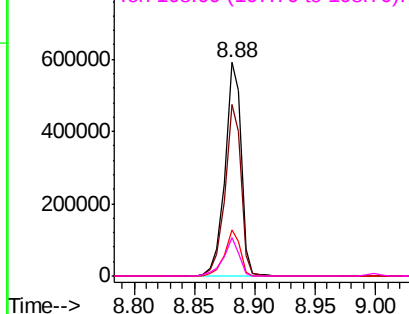
Abundance

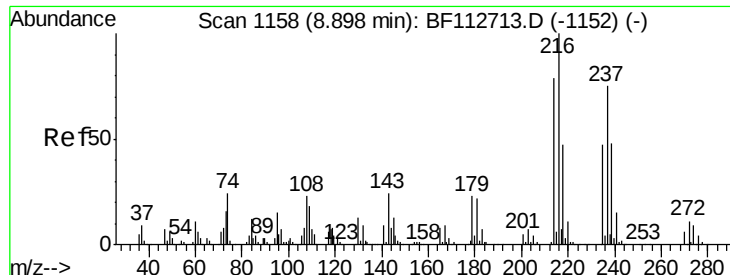
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.659 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

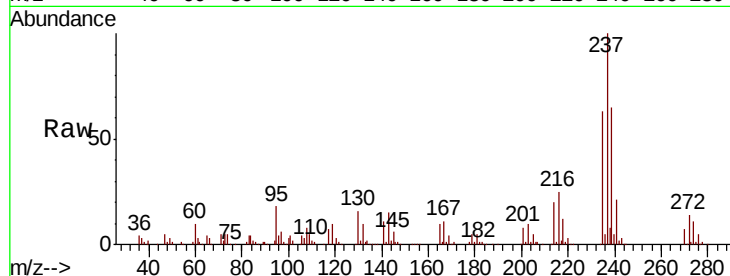
SSTDCCC040

Tot Ion:	237	Resp:	251638
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.2	82.2
272	13.9	0.0	34.0

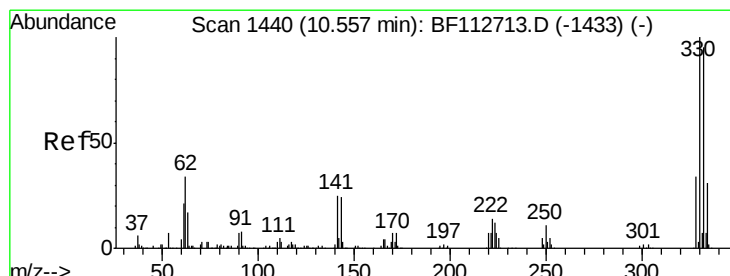
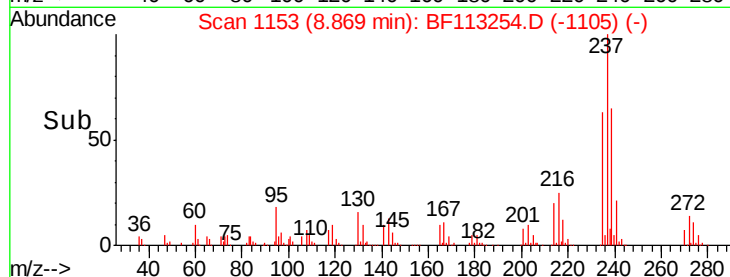
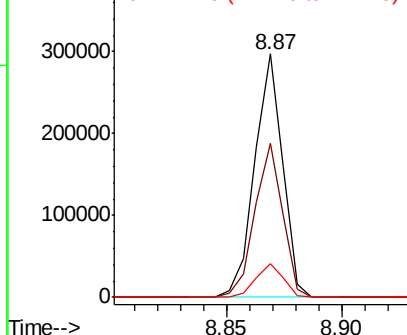
Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



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



#42

2,4,6-Tribromophenol

Concen: 95.478 ng

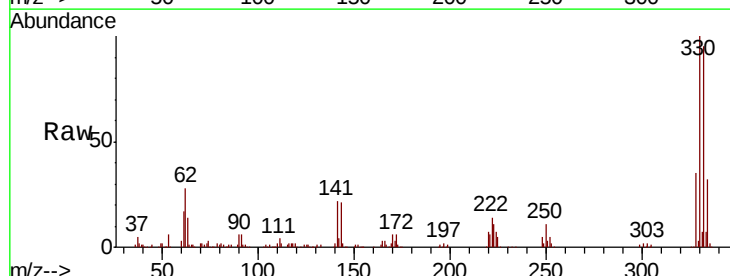
RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

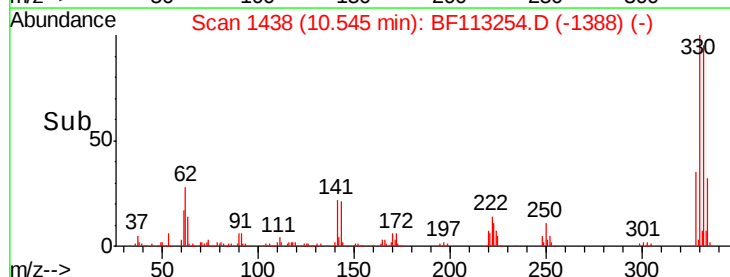
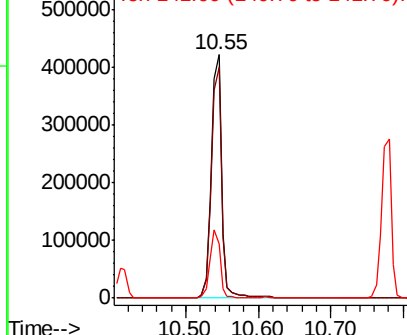
Lab File: BF113254.D

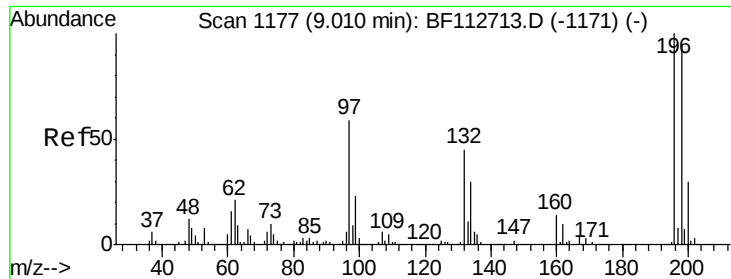
Acq: 23 Mar 2019 10:47

Tgt Ion:	330	Resp:	424145
Ion Ratio	Lower	Upper	
330	100		
332	94.2	76.2	114.4
141	27.4	27.0	40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43
 2,4,6-Trichlorophenol
 Concen: 43.717 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

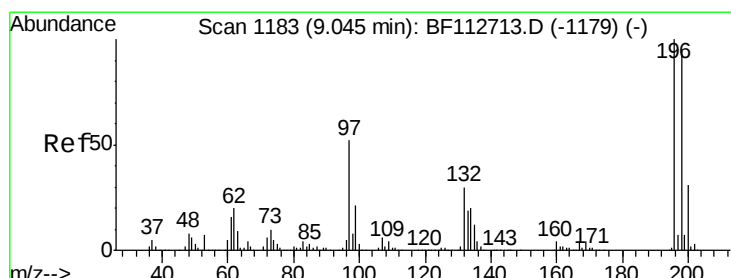
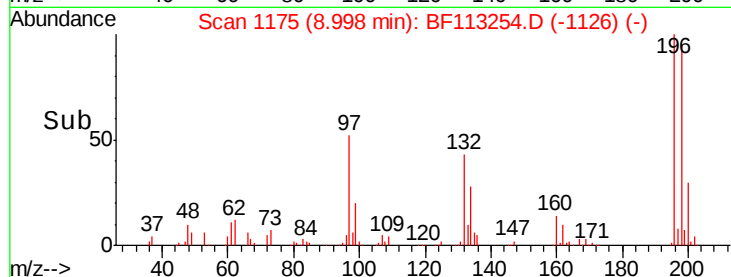
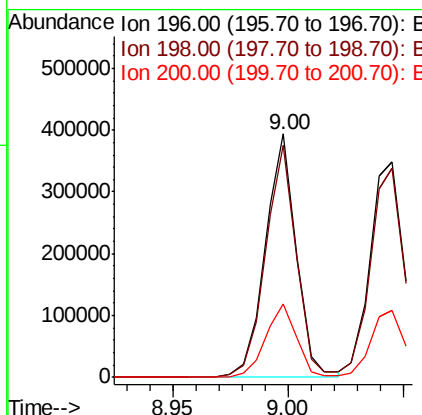
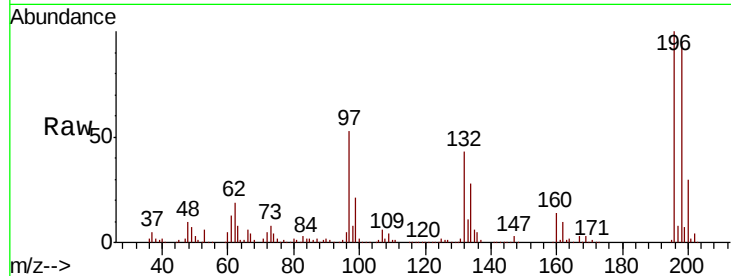
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	196	Resp:	367132
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.8	113.8
200	30.2	24.3	36.5

Manual Integrations
 APPROVED

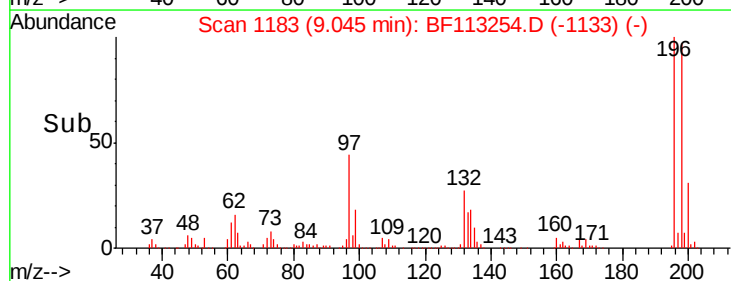
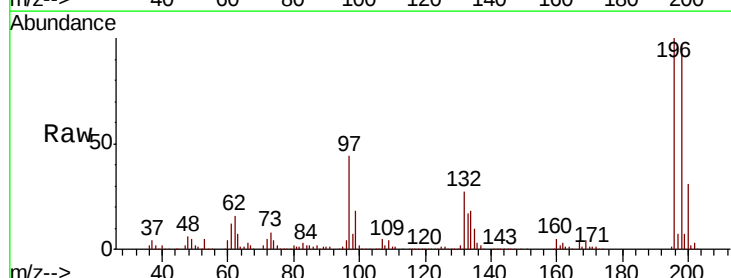
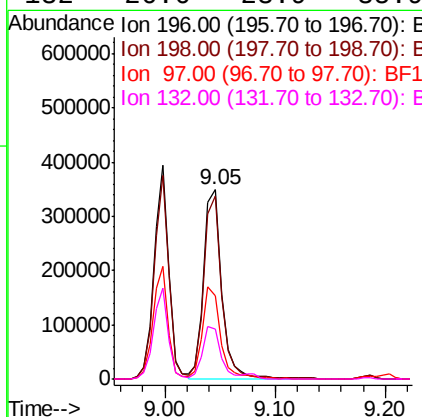
Sohil

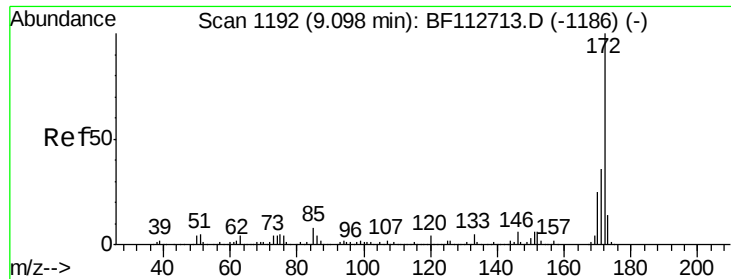
3/25/2019 12:48:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.381 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion:	196	Resp:	384702
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.2	114.2
97	43.9	41.5	62.3
132	26.6	23.9	35.9





#45
2-Fluorobiphenyl
Concen: 83.174 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

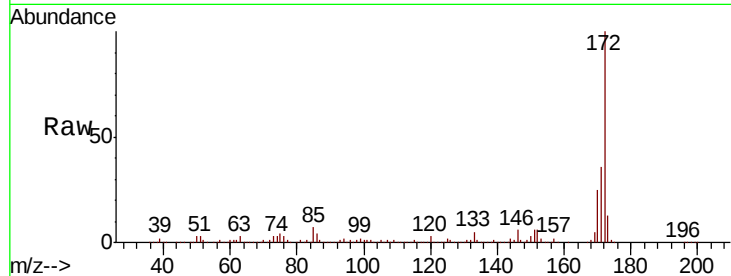
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2112587
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.8 20.0 30.0

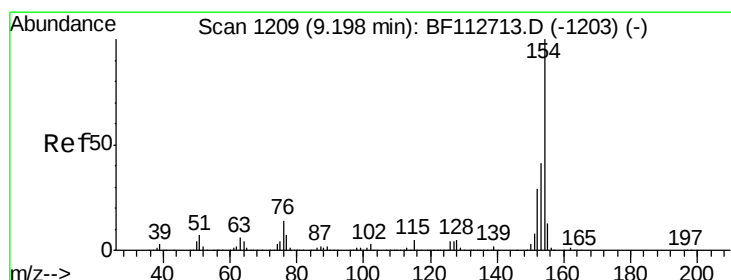
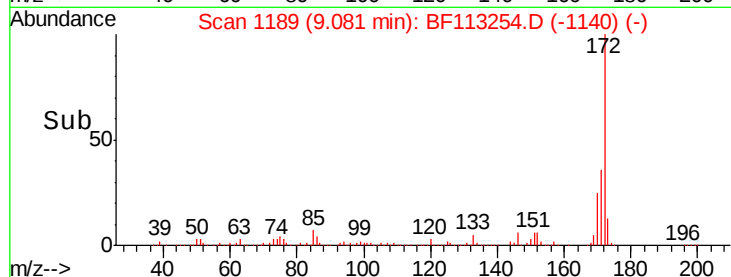
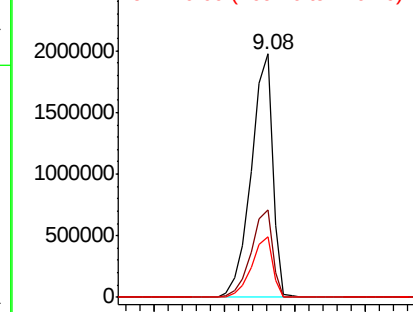
Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

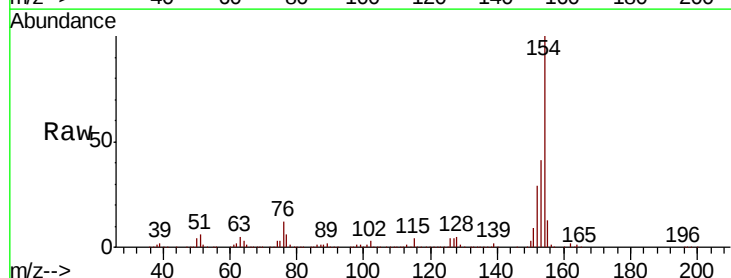


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

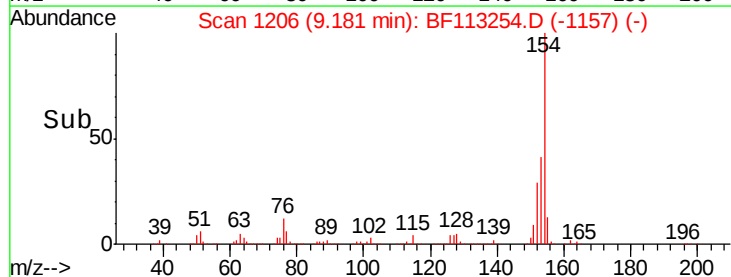
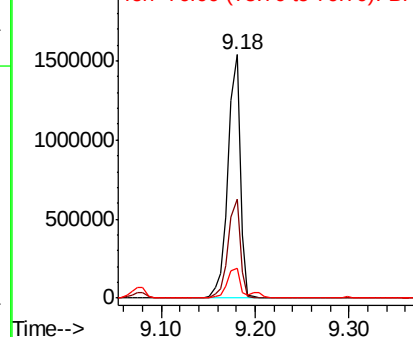


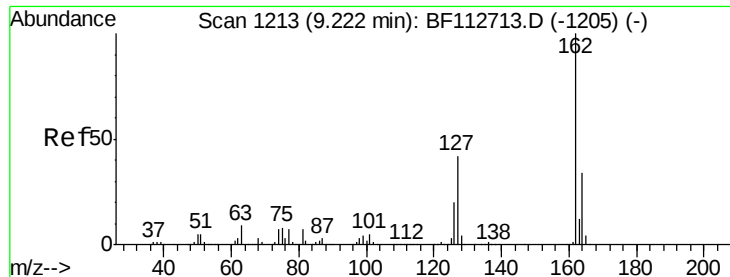
#46
1,1'-Biphenyl
Concen: 41.219 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:154 Resp: 1406832
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.1 0.0 33.8



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: 39.816 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

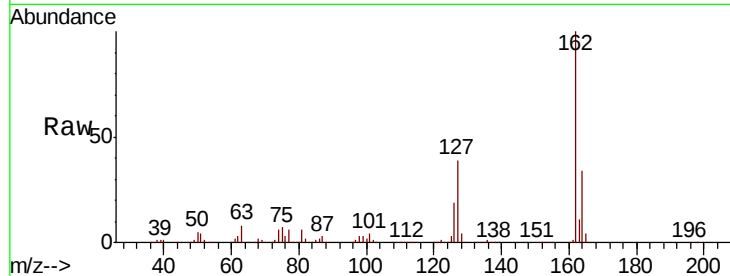
Instrument :
 BNA_F
 ClientSampleID :
 SSTCCCC040

Tot Ion:	162	Resp:	1061108
Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.4	50.2
164	33.8	26.9	40.3

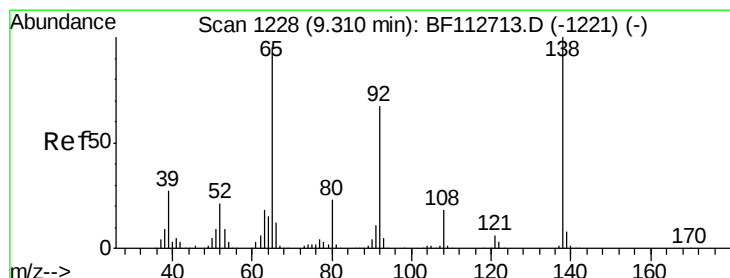
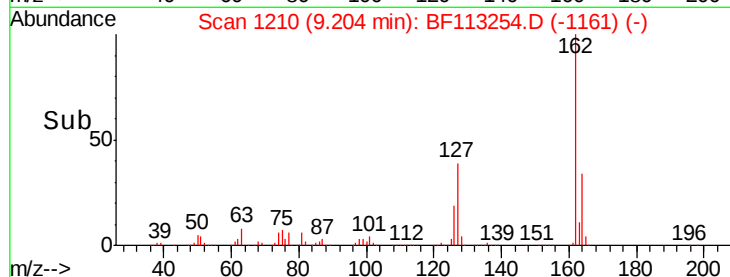
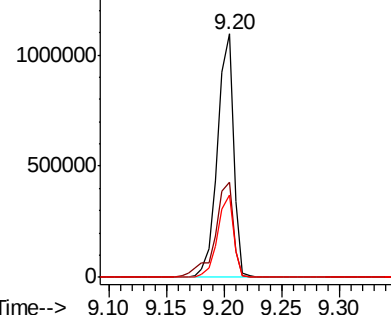
Manual Integrations
 APPROVED

Sohil

3/25/2019 12:48:12 PM

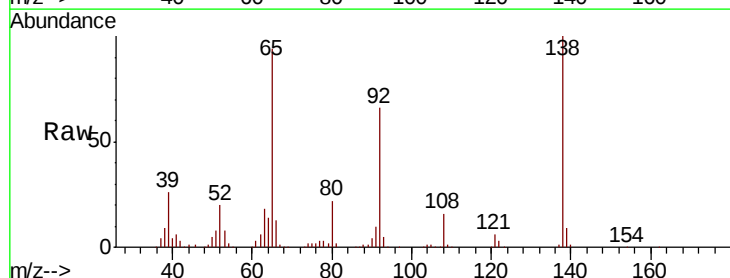


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

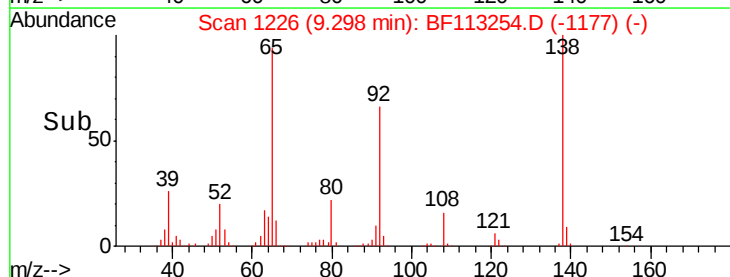
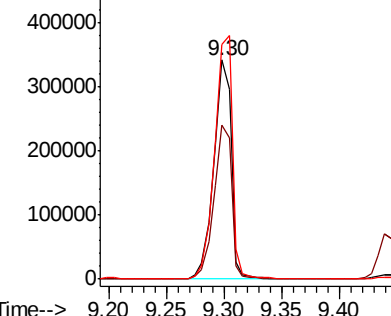


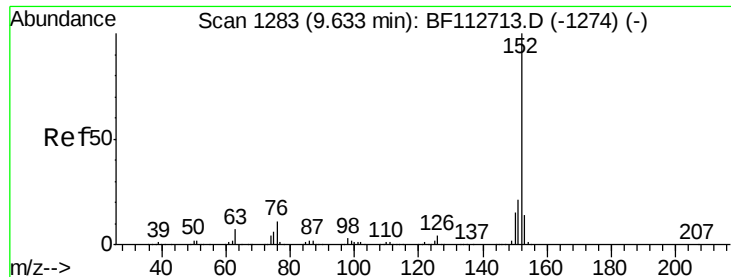
#48
 2-Nitroaniline
 Concen: 44.280 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion:	65	Resp:	358690
Ion	Ratio	Lower	Upper
65	100		
92	70.0	56.4	84.6
138	106.8	84.6	126.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.903 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1669630

Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

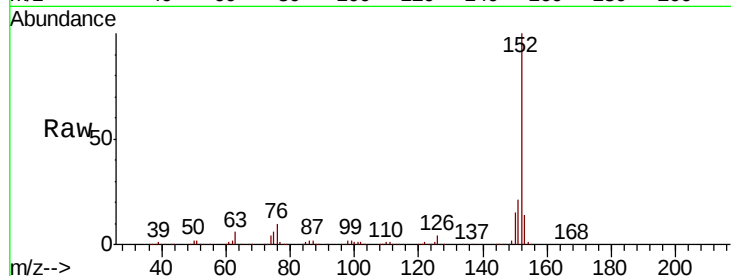
153 13.9 11.0 16.6

Manual Integrations

APPROVED

Sohil

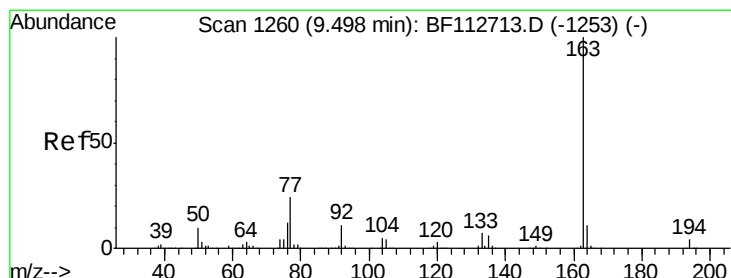
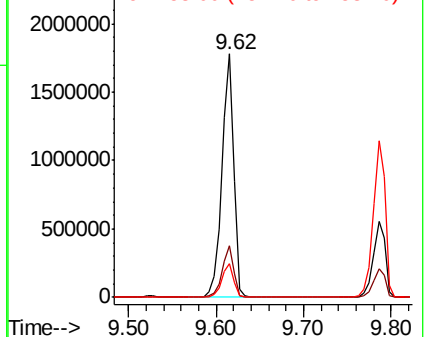
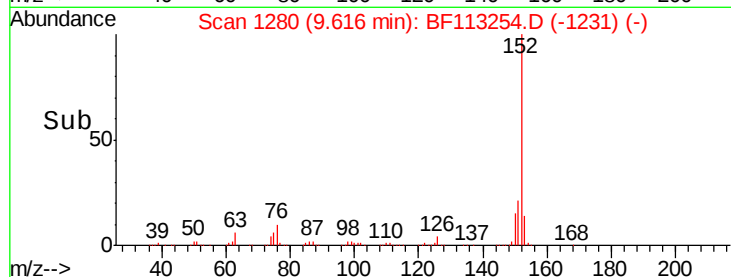
3/25/2019 12:48:12 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.971 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

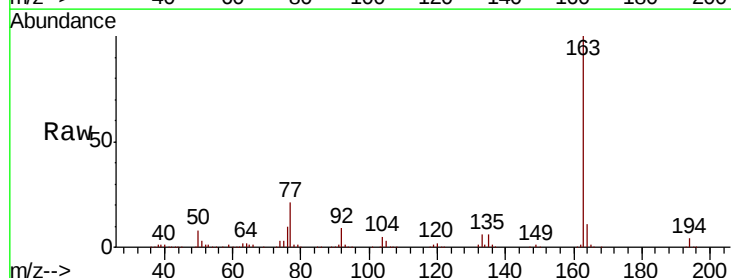
Tgt Ion:163 Resp: 1294971

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

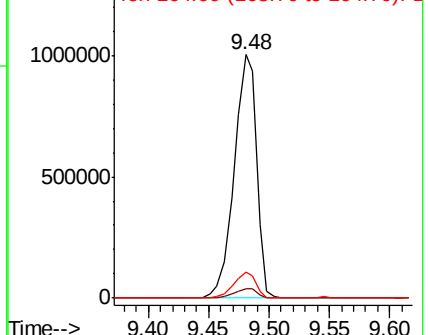
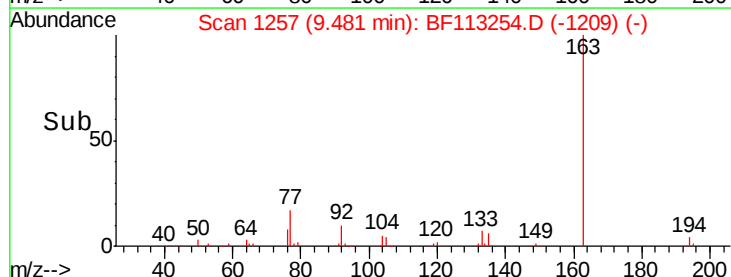
164 10.6 8.4 12.6

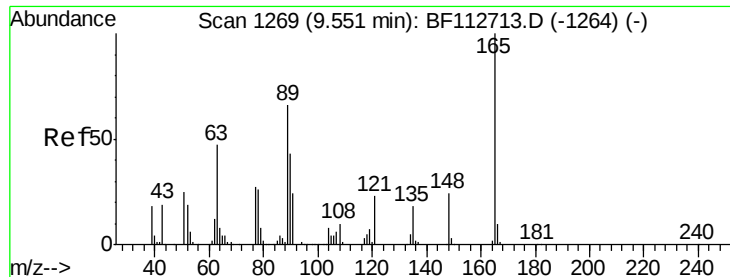


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51
2,6-Dinitrotoluene
Concen: 44.816 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

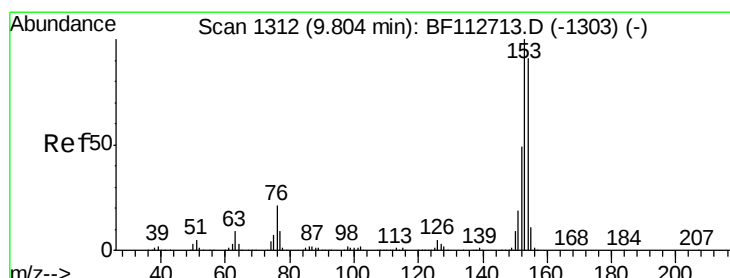
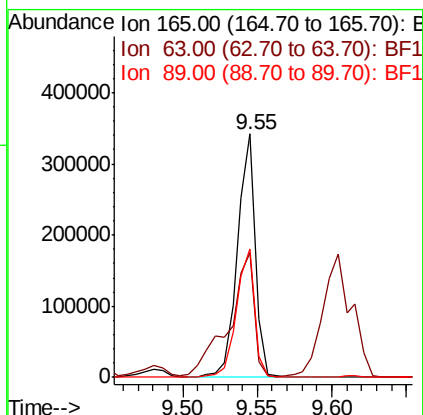
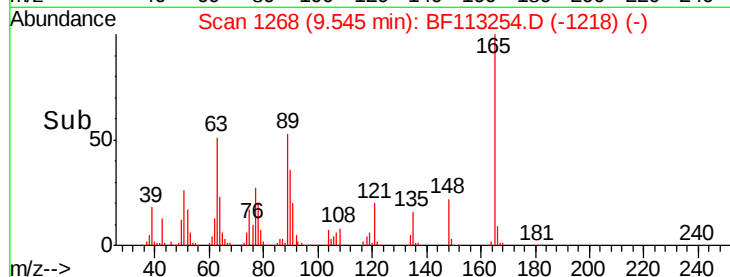
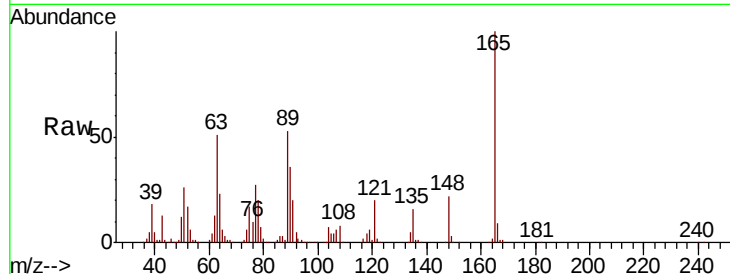
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	287948		
63	51.3		54.1	81.1#
89	52.8		52.8	79.2

Manual Integrations
APPROVED

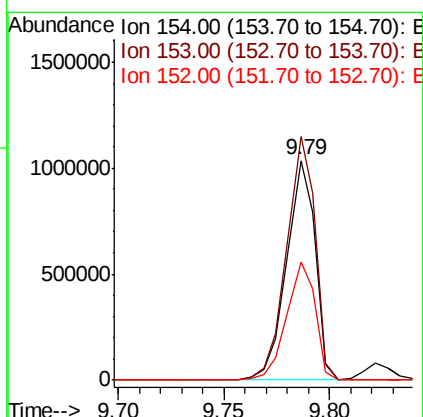
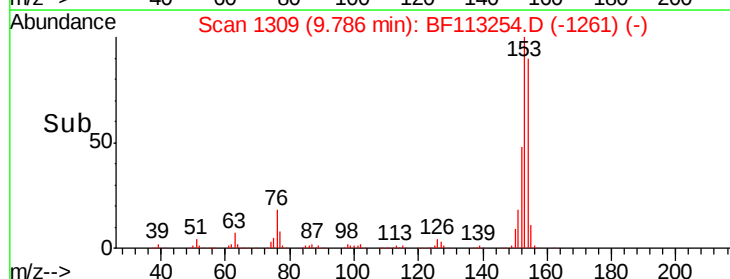
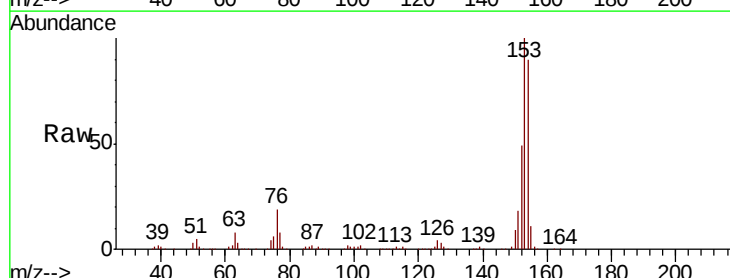
Sohil

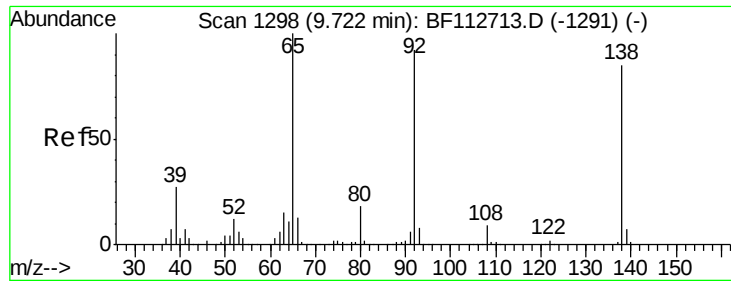
3/25/2019 12:48:12 PM



#52
Acenaphthene
Concen: 37.260 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	985826		
153	110.8		87.8	131.8
152	53.8		43.0	64.6





#53
3-Nitroaniline
Concen: 42.497 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

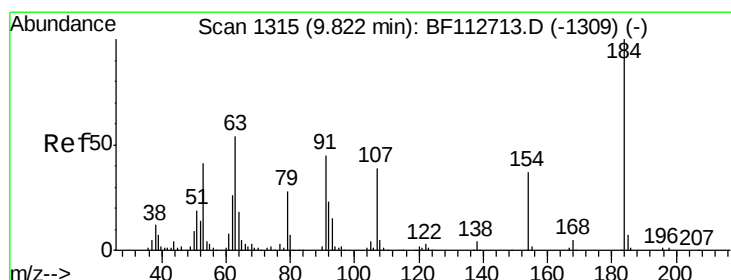
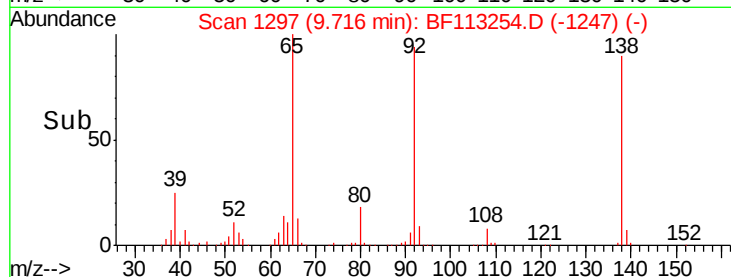
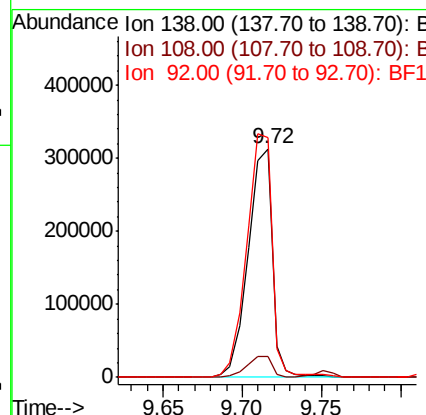
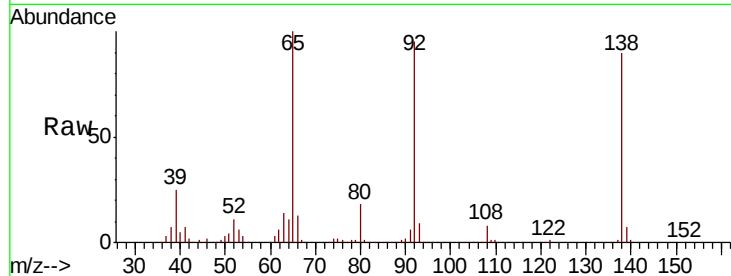
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.6	13.0
92	104.7	86.6	129.8

Manual Integrations
APPROVED

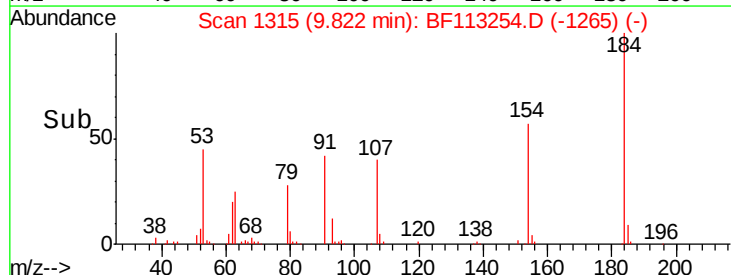
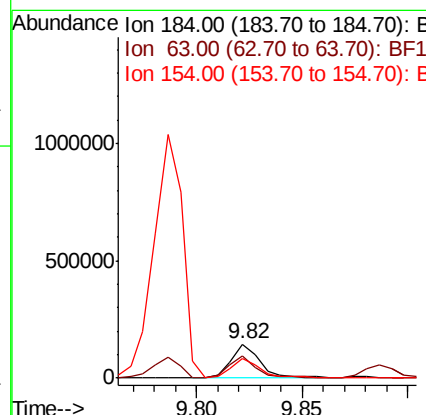
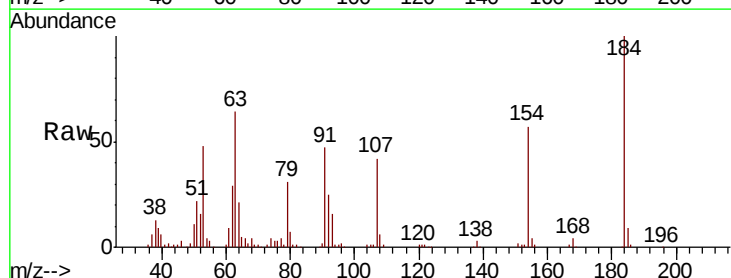
Sohil

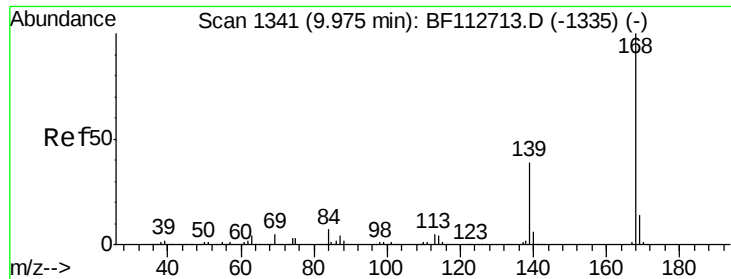
3/25/2019 12:48:12 PM



#54
2,4-Dinitrophenol
Concen: 55.759 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	45.3	67.9
154	57.4	46.0	69.0





#55
Dibenzofuran
Concen: 37.948 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

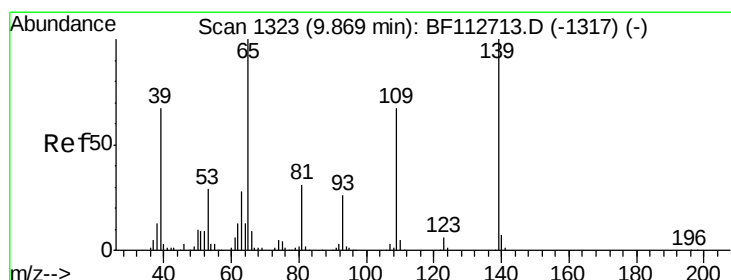
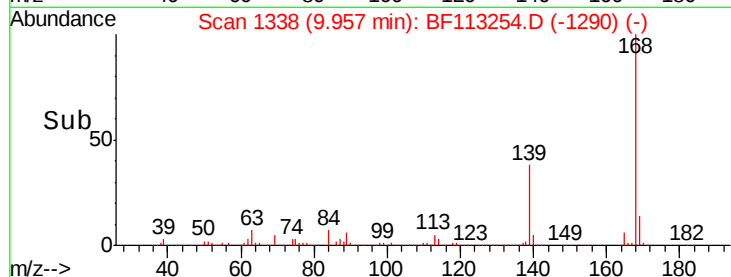
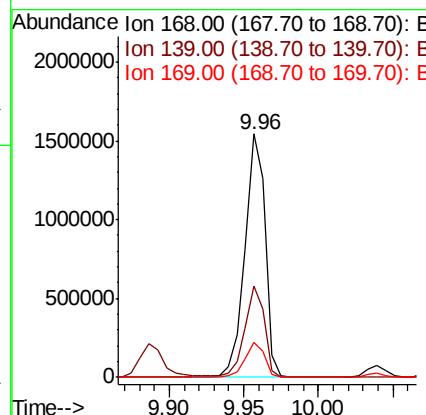
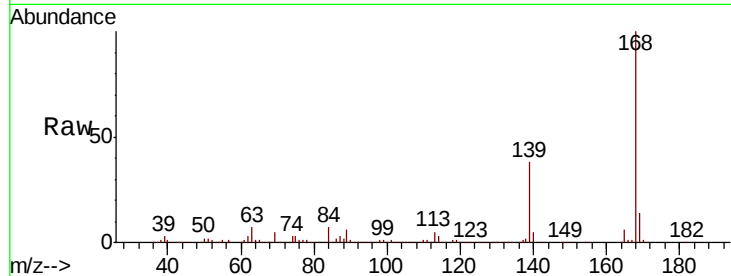
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.3	46.9
169	14.2	11.3	16.9

Manual Integrations
APPROVED

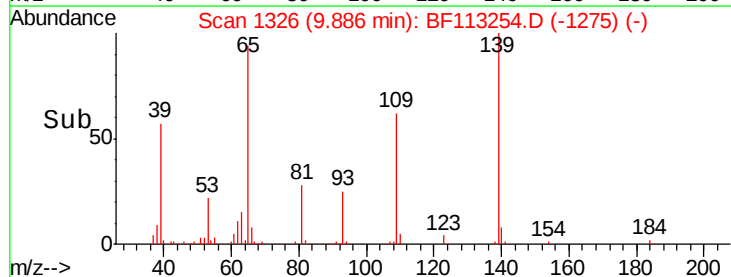
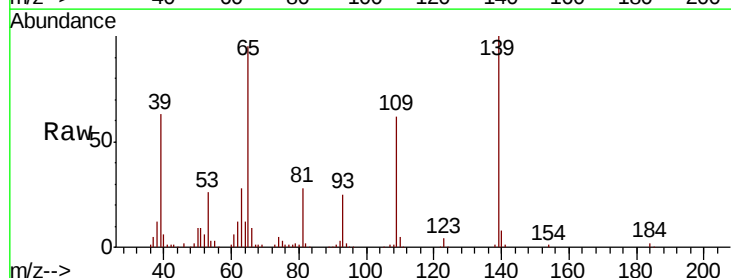
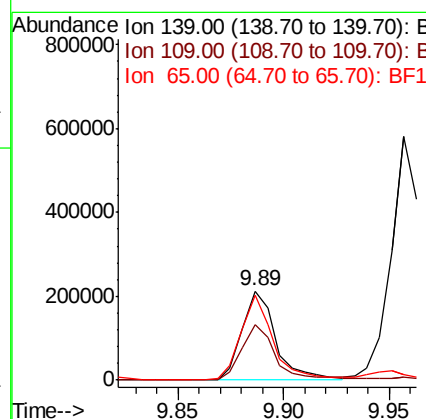
Sohil

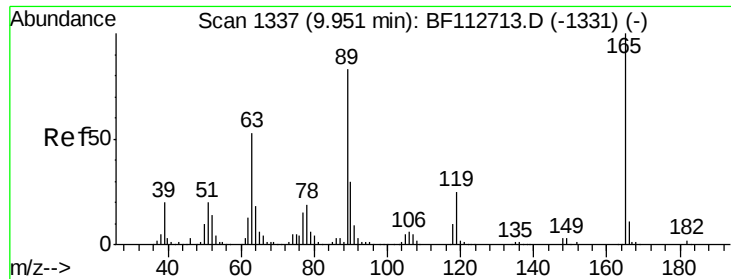
3/25/2019 12:48:12 PM



#56
4-Nitrophenol
Concen: 37.201 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.8	46.8	86.8
65	94.9	80.7	120.7





#57
2,4-Dinitrotoluene
Concen: 45.063 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

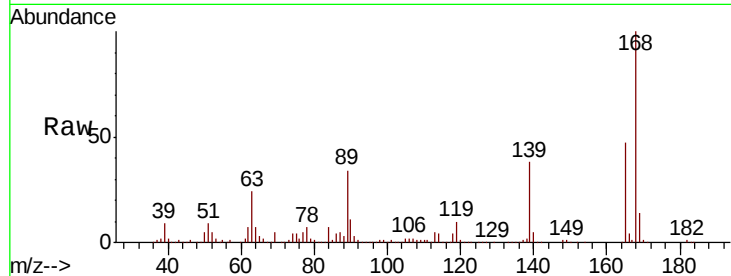
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		359898		
63	50.2	42.2	63.2		
89	71.4	66.2	99.4		
182	2.5	1.8	2.6		

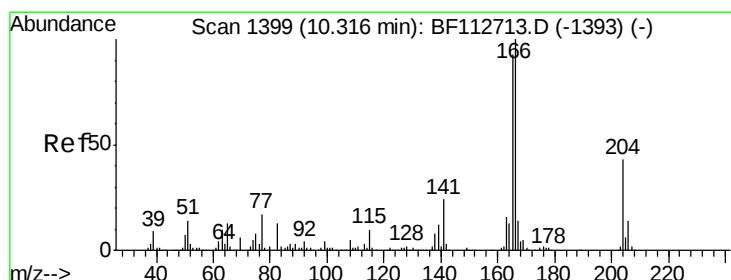
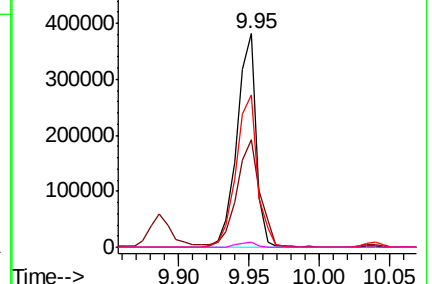
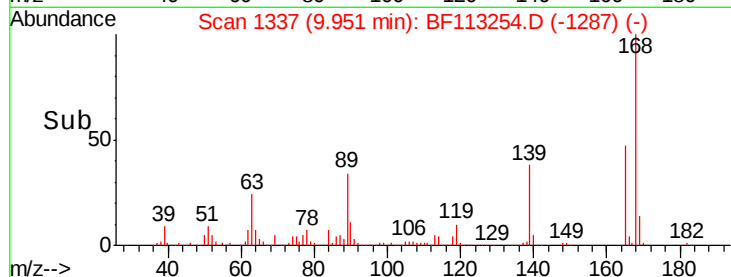
Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

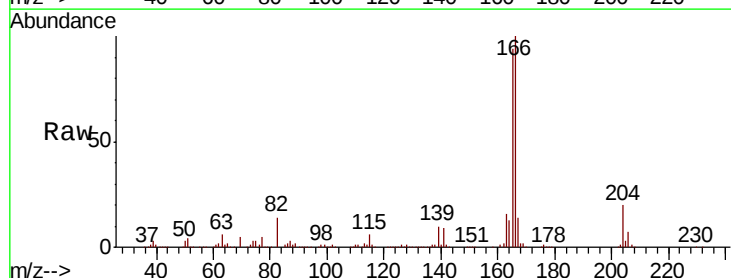


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

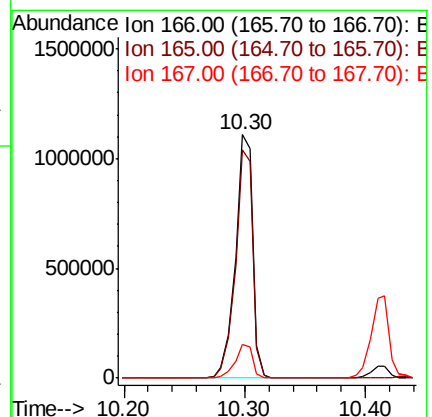
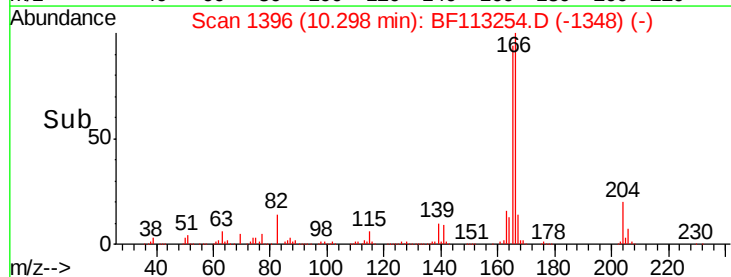


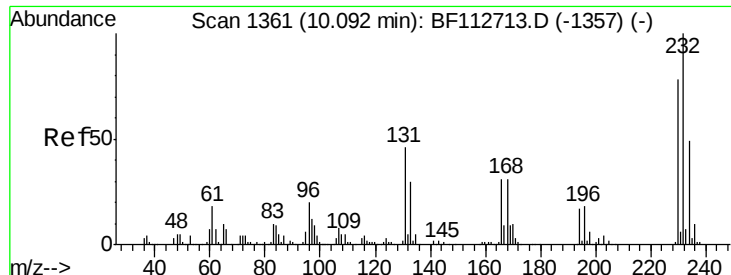
#58
Fluorene
Concen: 40.524 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1106003		
165	94.0	74.7	112.1		
167	14.1	11.0	16.6		



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: 42.743 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

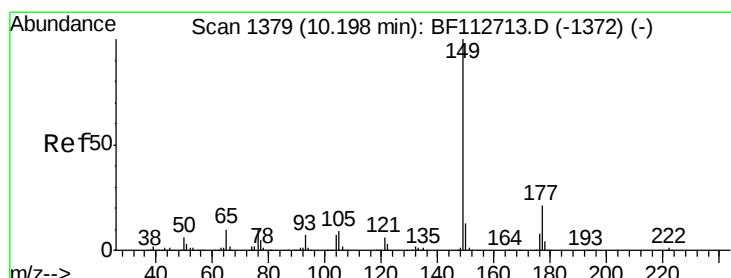
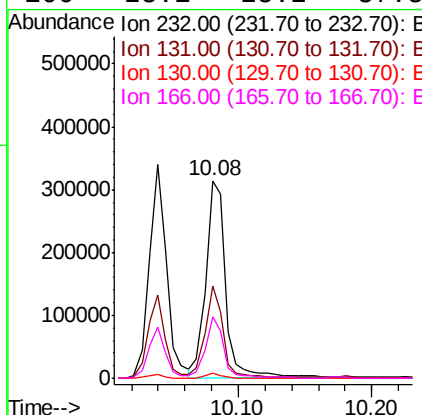
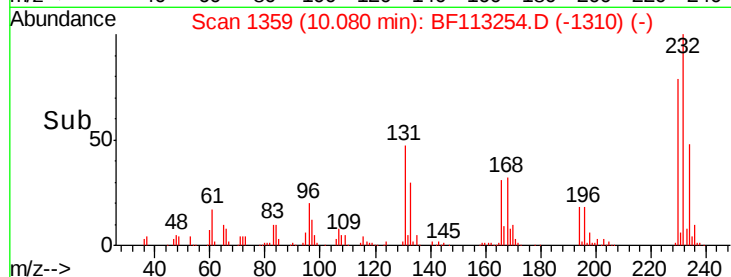
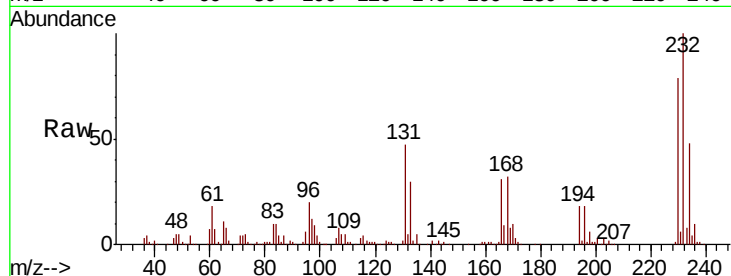
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	38.7	58.1
130	2.0	1.9	2.9
166	28.1	25.2	37.8

Manual Integrations
APPROVED

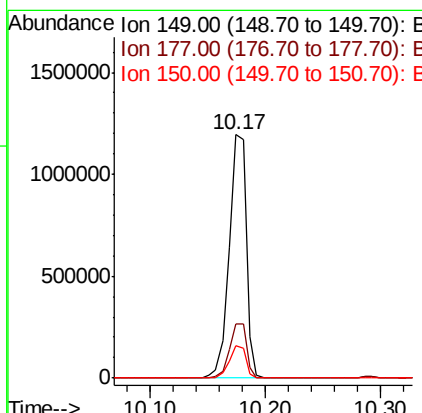
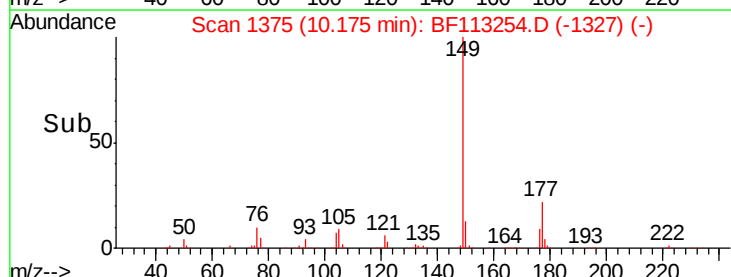
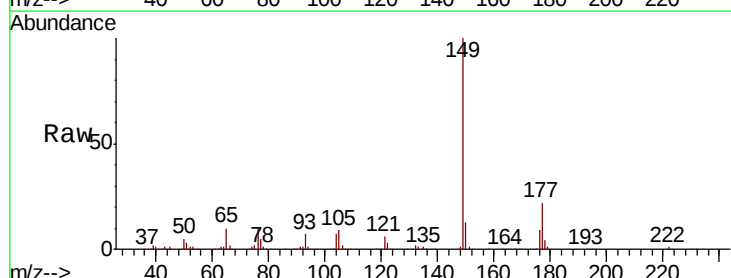
Sohil

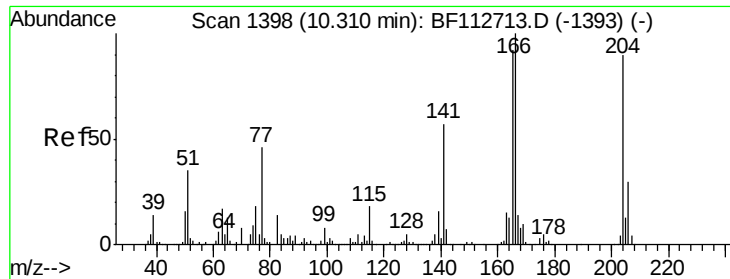
3/25/2019 12:48:12 PM



#60
Diethylphthalate
Concen: 37.642 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	13.1	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.334 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

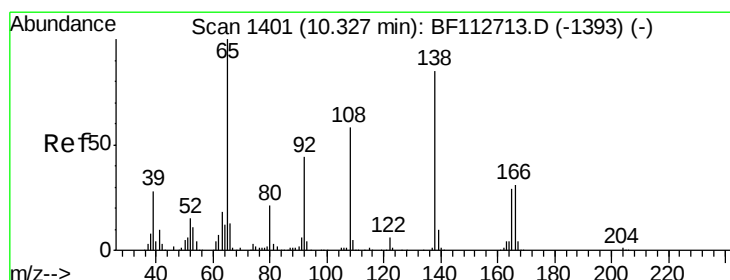
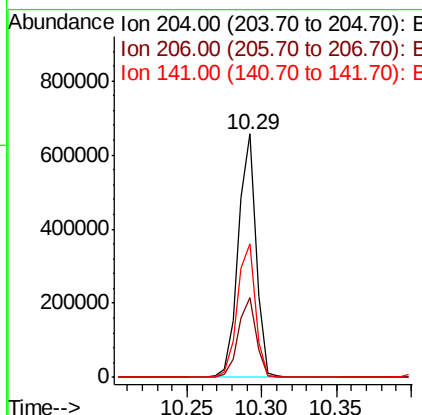
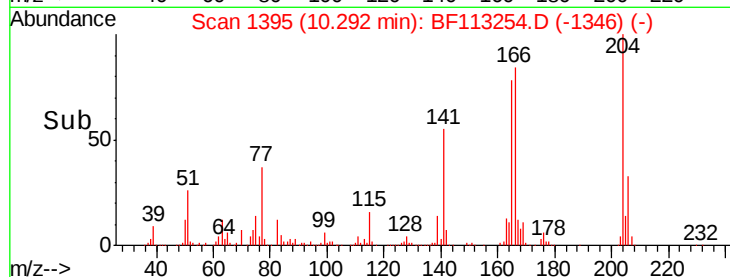
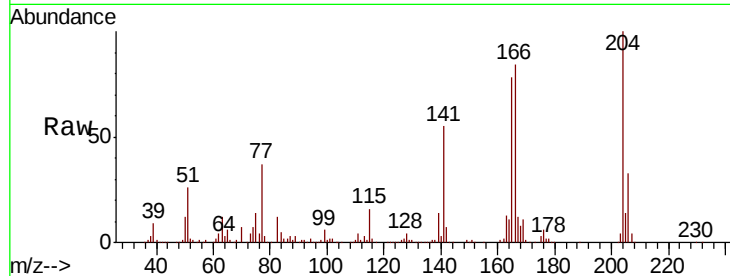
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	54.9	50.8	76.2

Manual Integrations
APPROVED

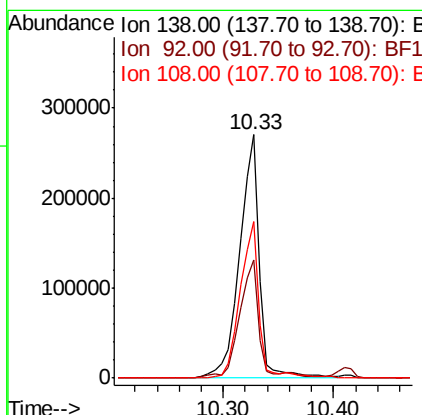
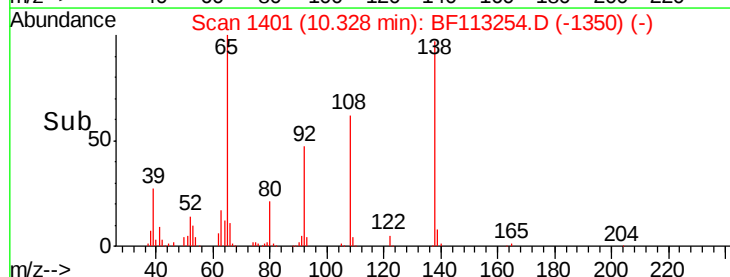
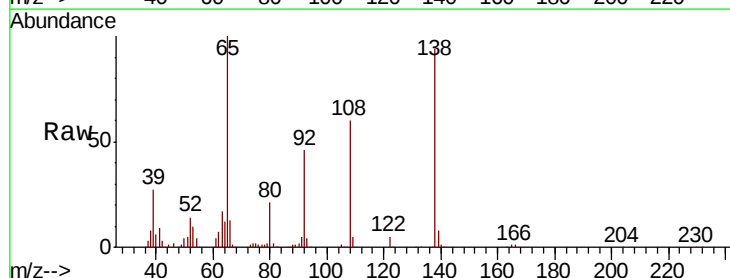
Sohil

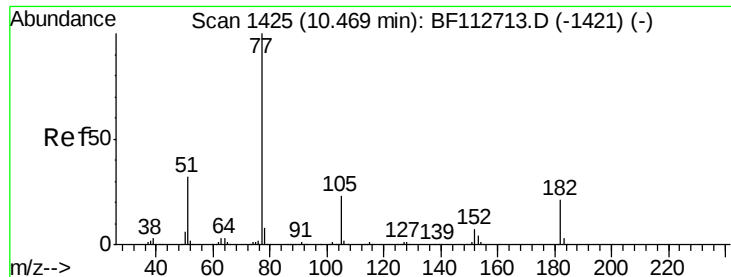
3/25/2019 12:48:12 PM



#62
4-Nitroaniline
Concen: 47.119 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	31.3	71.3
108	64.4	48.1	88.1





#63
Azobenzene
Concen: 35.408 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

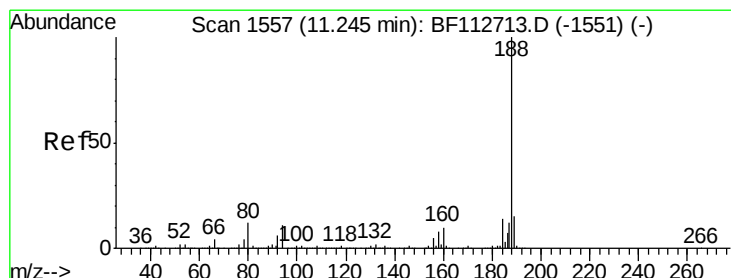
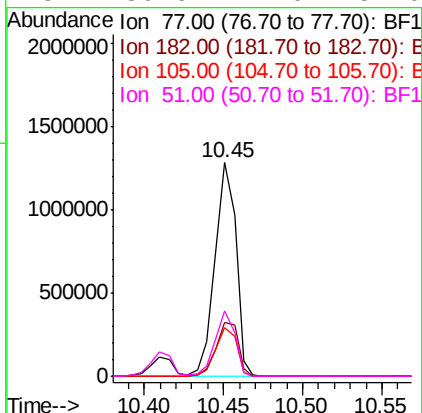
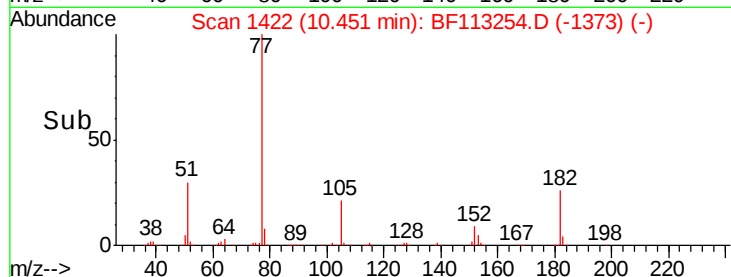
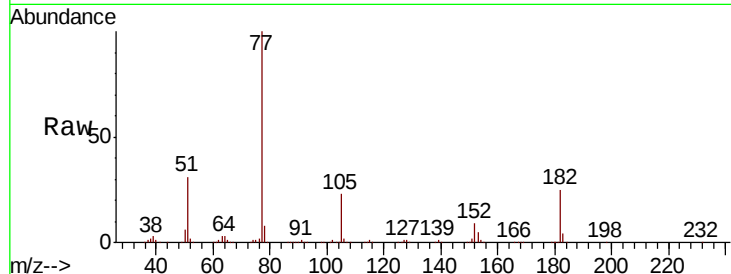
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	1.4	41.4
105	22.7	2.6	42.6
51	30.6	12.0	52.0

Manual Integrations
APPROVED

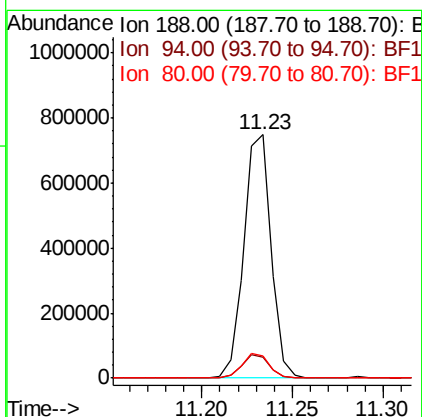
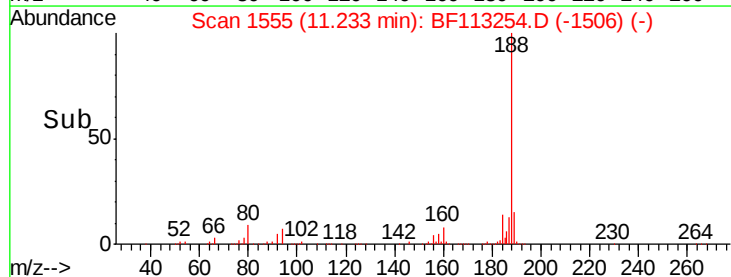
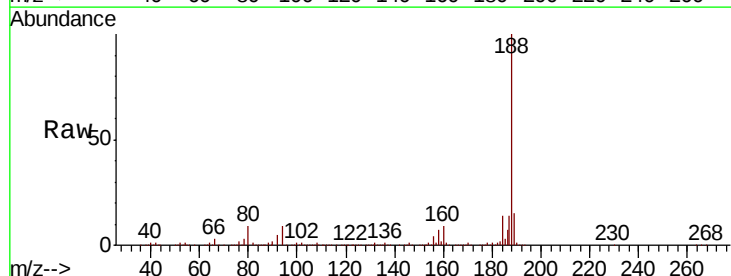
Sohil

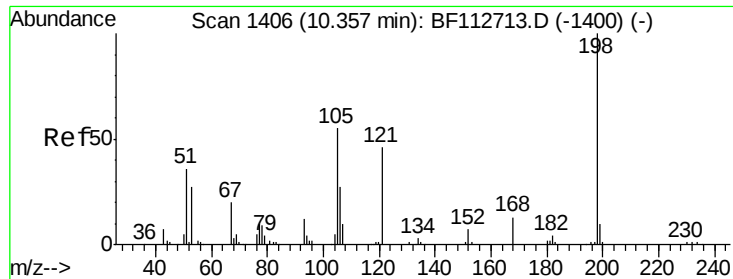
3/25/2019 12:48:12 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.2	9.2	13.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 57.661 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 187786

Ion Ratio Lower Upper

198 100

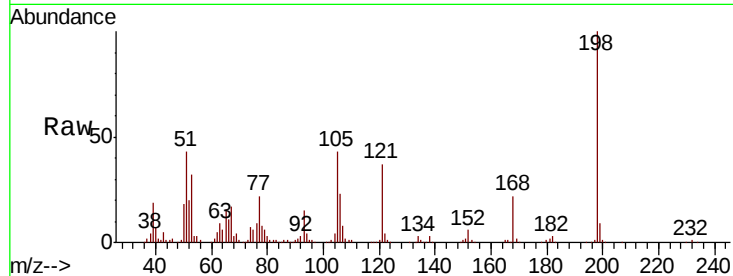
51 43.0 43.8 83.8#

105 42.8 36.5 76.5

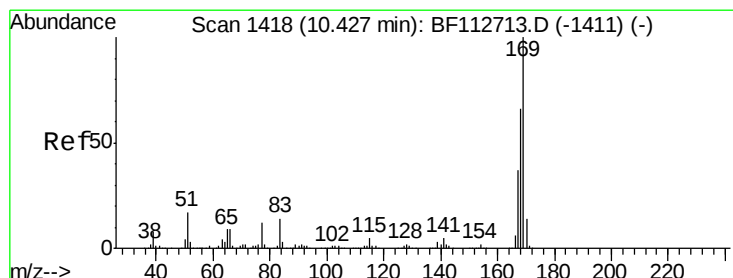
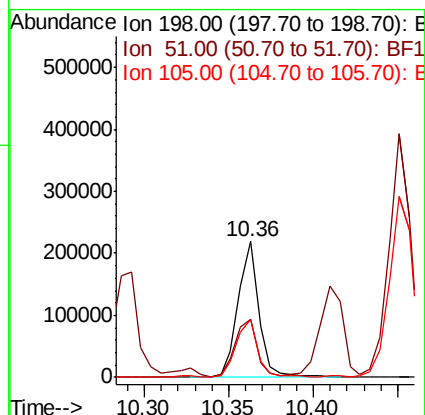
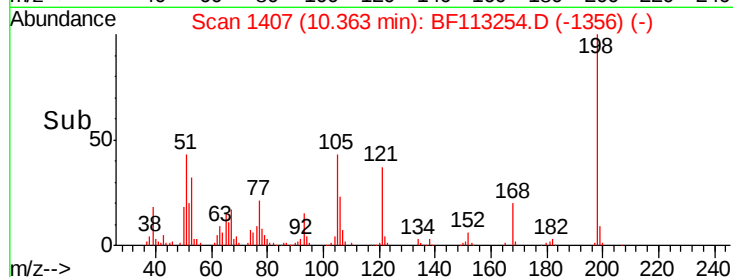
Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



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: 41.270 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

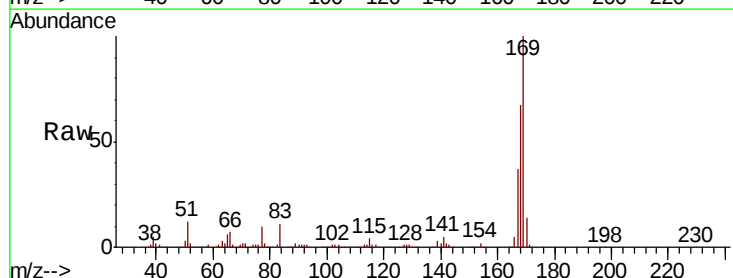
Tgt Ion:169 Resp: 1030723

Ion Ratio Lower Upper

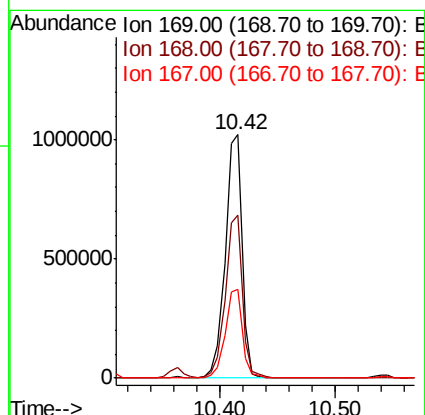
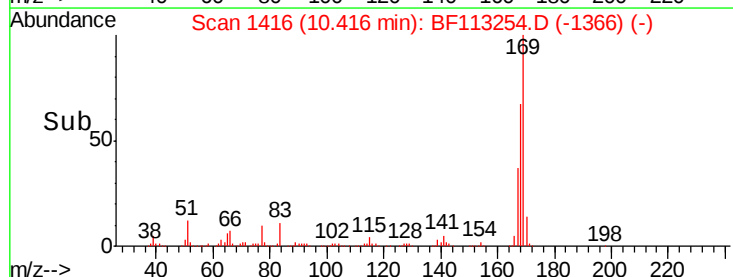
169 100

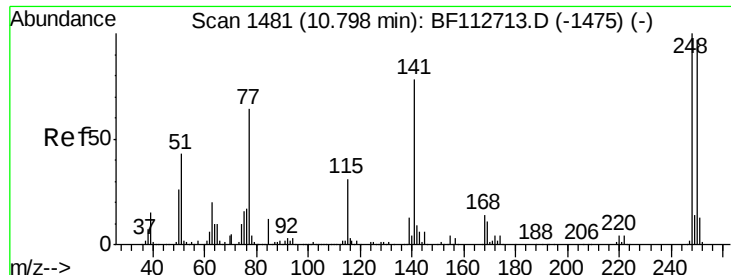
168 66.8 53.0 79.6

167 36.6 29.3 43.9



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: 47.705 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

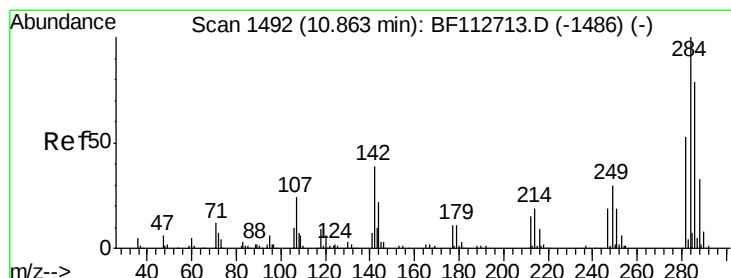
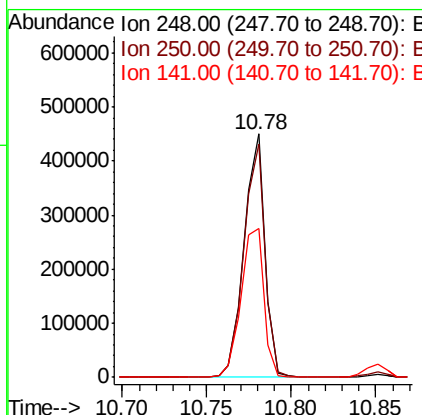
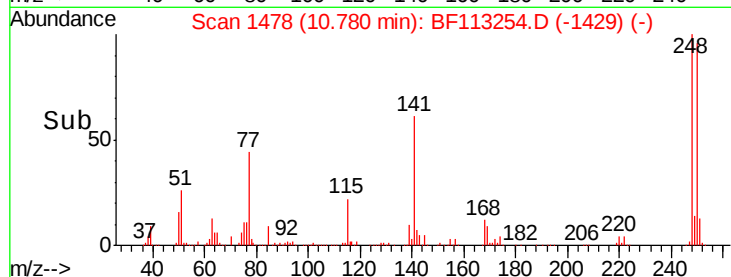
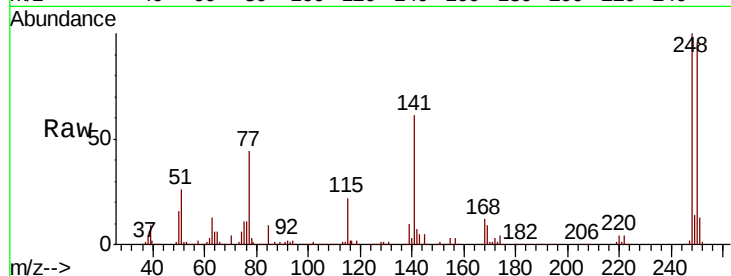
SSTDCCC040

Tot Ion:	248	Resp:	391295
Ion Ratio	Lower	Upper	
248	100		
250	96.1	77.5	116.3
141	61.3	62.4	93.6

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#68

Hexachlorobenzene

Concen: 47.816 ng

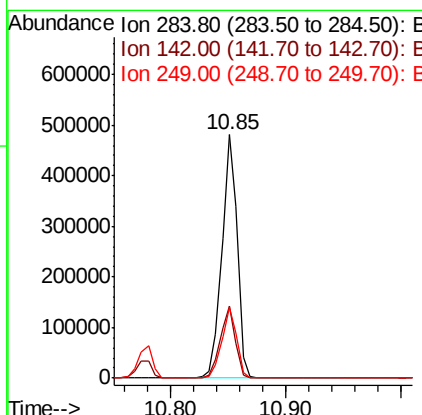
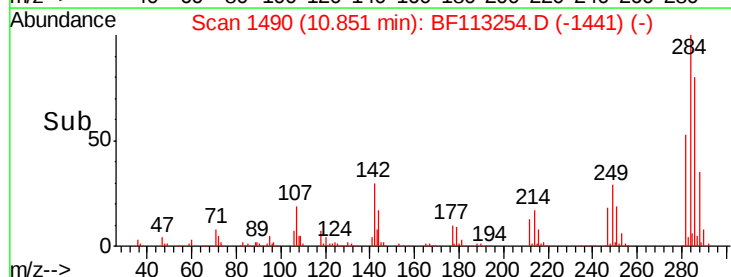
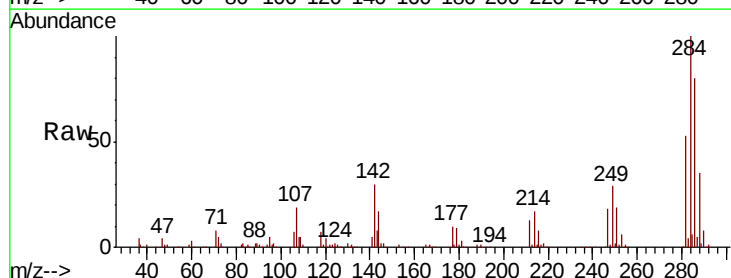
RT: 10.85 min Scan# 1490

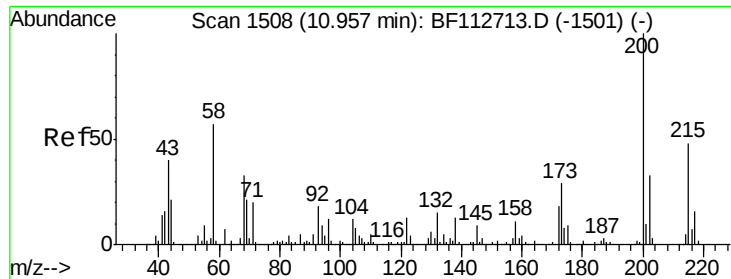
Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Tgt Ion:	284	Resp:	442121
Ion Ratio	Lower	Upper	
284	100		
142	29.8	31.0	46.6
249	29.1	23.6	35.4





#69
Atrazine
Concen: 36.089 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

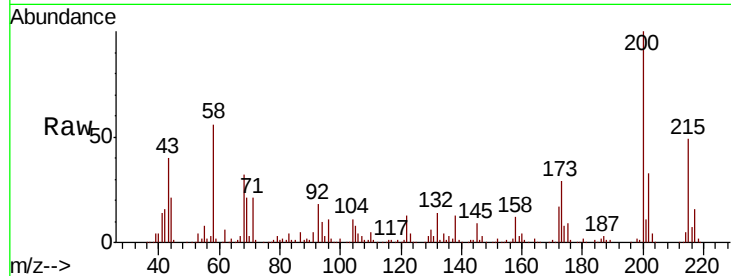
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	9.1	49.1
215	48.8	28.2	68.2

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

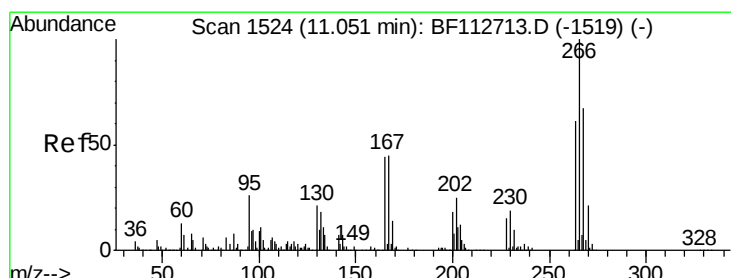
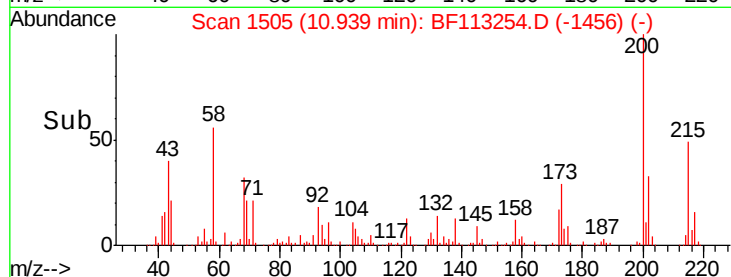
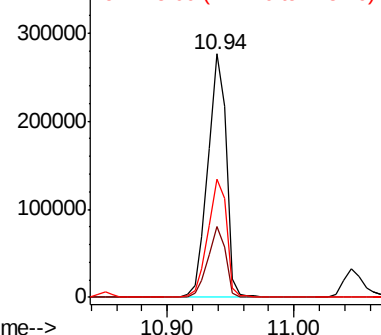


Abundance

Ion 200.00 (199.70 to 200.70): E

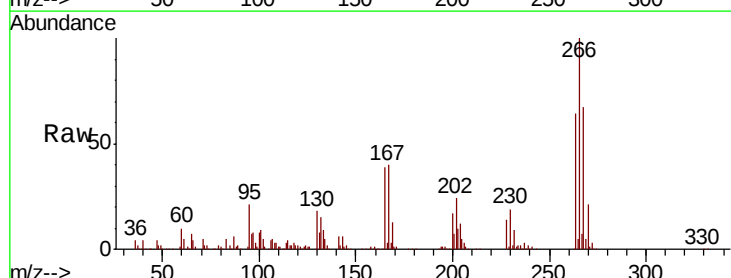
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 43.350 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.0	53.3	79.9
264	63.7	48.9	73.3

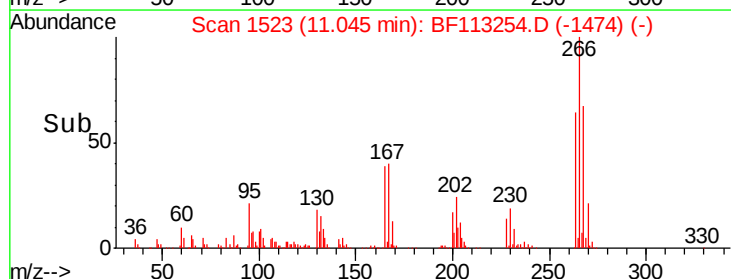
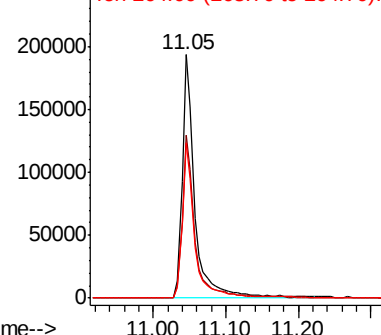


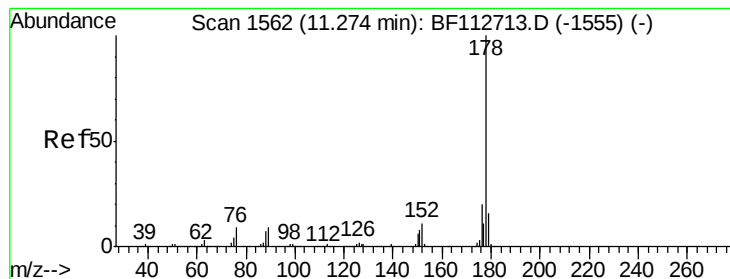
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.514 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1569718

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

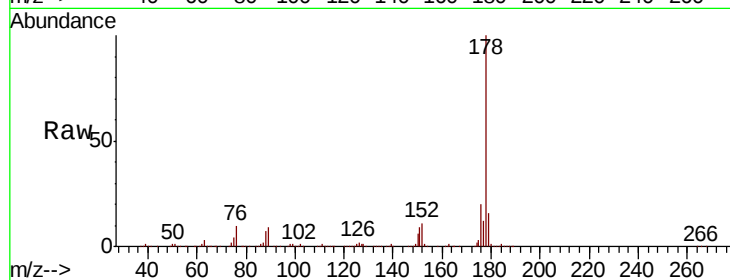
179 16.1 12.7 19.1

Manual Integrations

APPROVED

Sohil

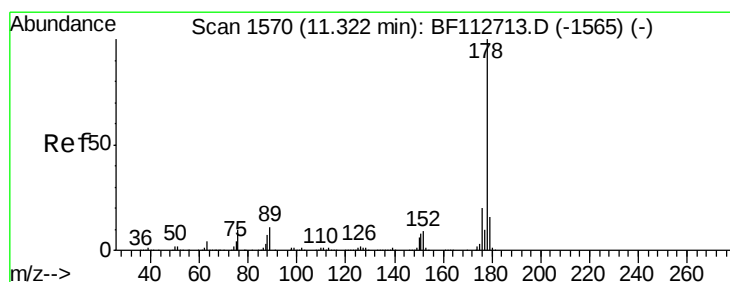
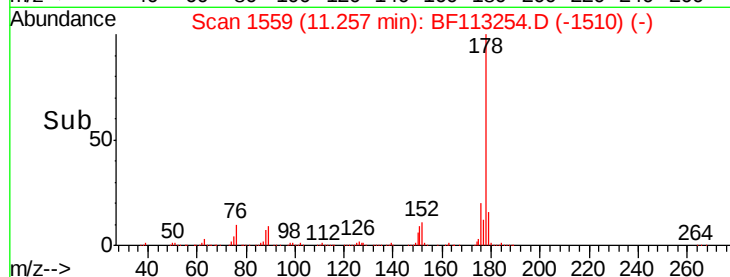
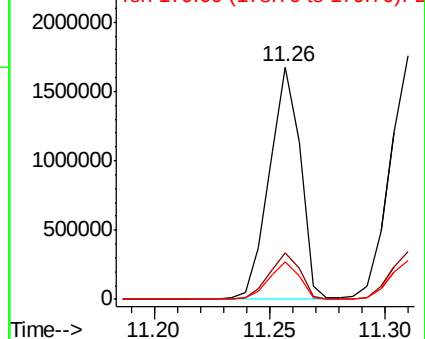
3/25/2019 12:48:12 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.553 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Tgt Ion:178 Resp: 1604207

Ion Ratio Lower Upper

178 100

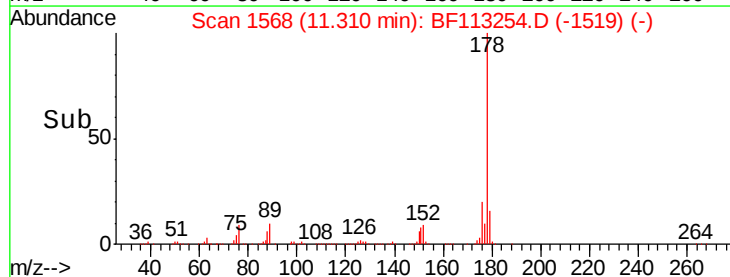
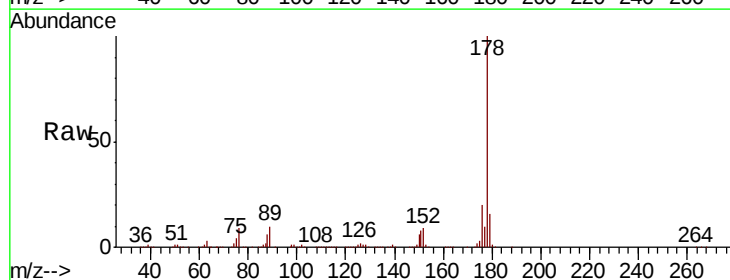
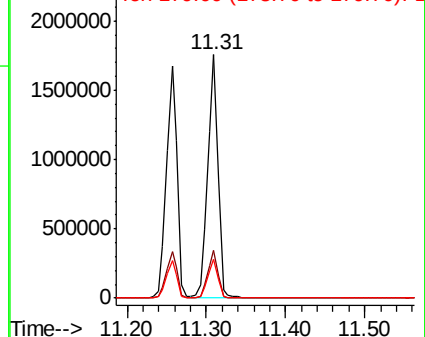
176 19.7 15.8 23.6

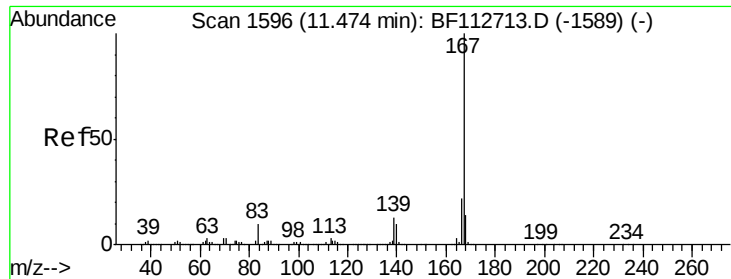
179 16.0 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 39.577 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

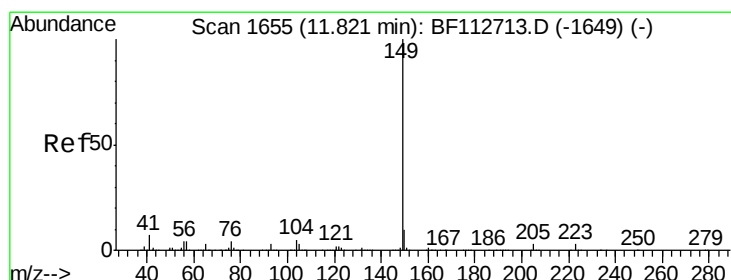
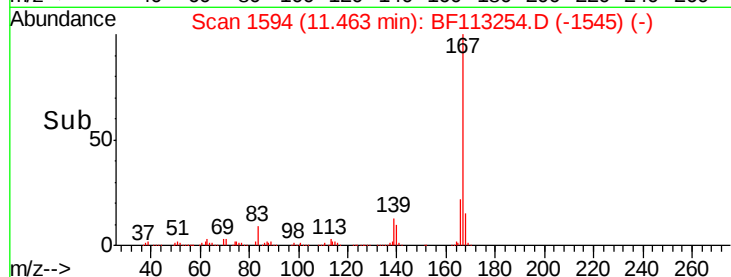
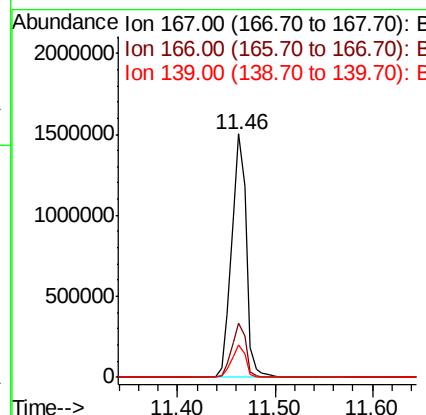
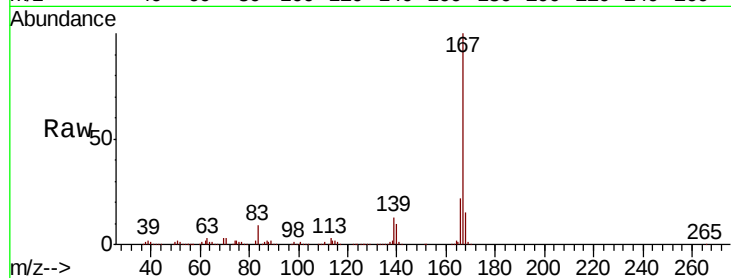
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	13.2	10.8	16.2

Manual Integrations
 APPROVED

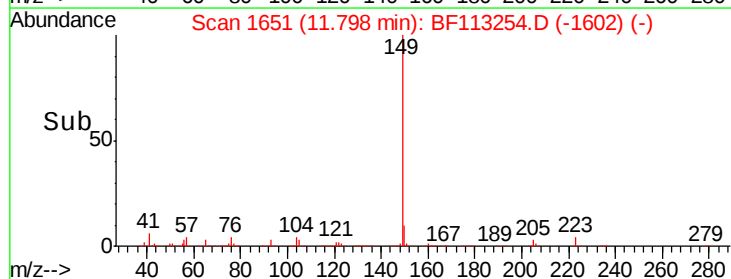
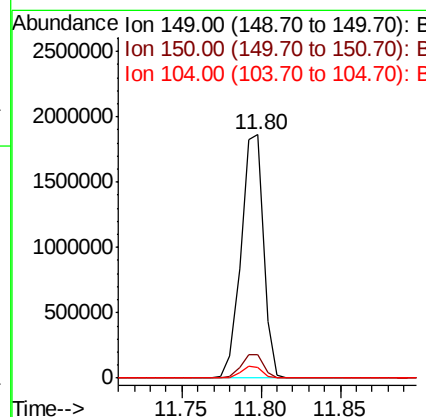
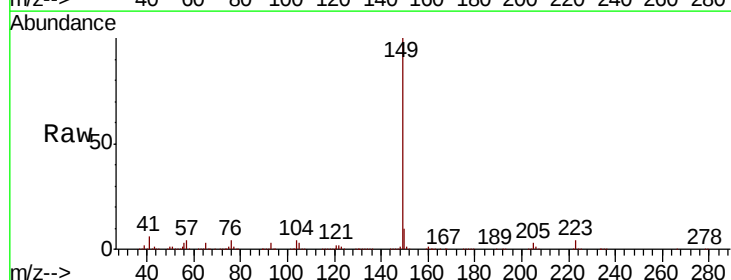
Sohil

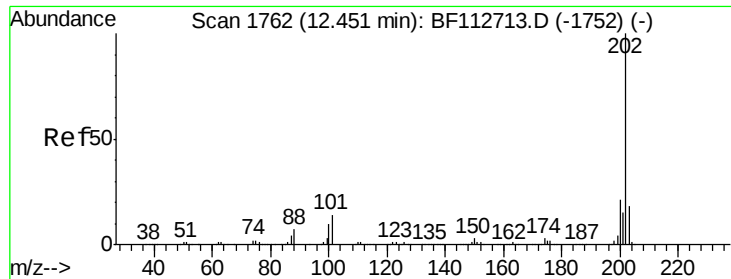
3/25/2019 12:48:12 PM



#74
 Di-n-butylphthalate
 Concen: 38.488 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 41.650 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

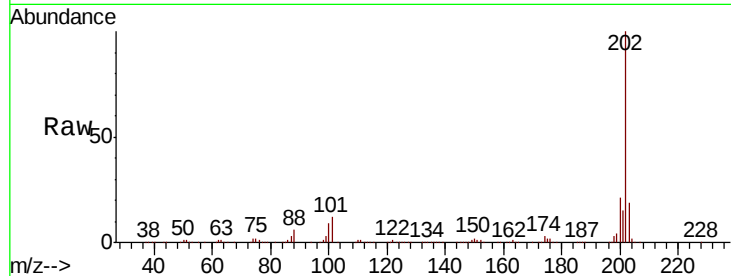
SSTDCCC040

Tot Ion:	202	Resp:	1728943
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.8
203	18.6	0.0	38.4

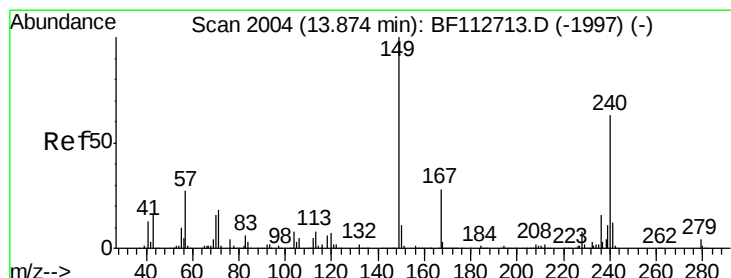
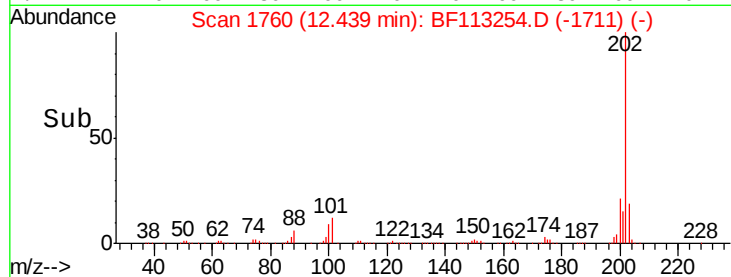
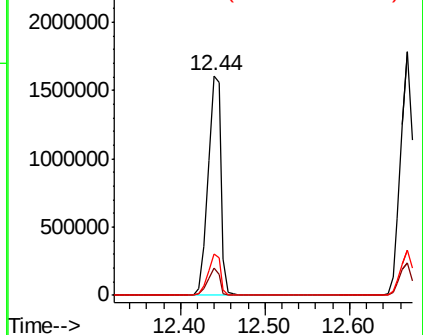
Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

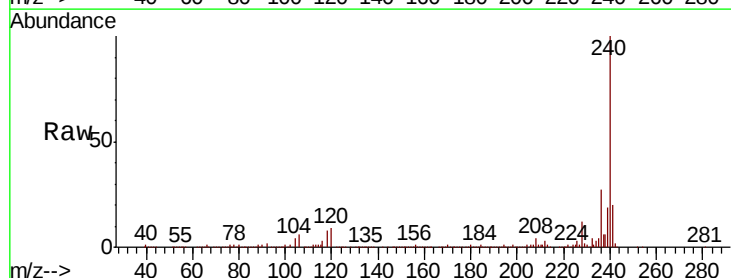
RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

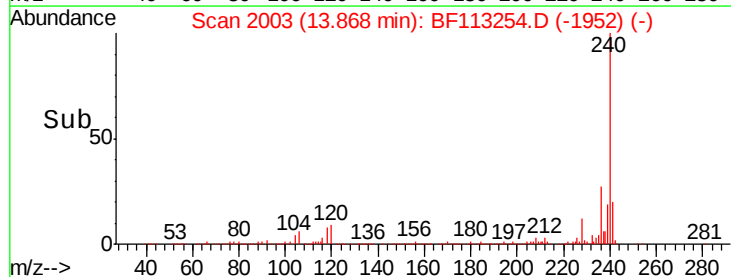
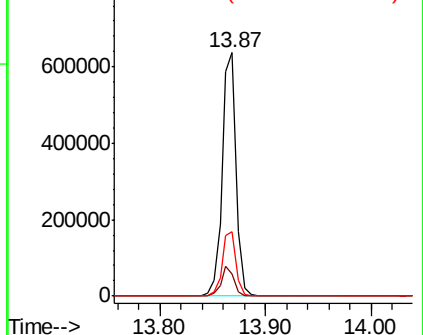
Lab File: BF113254.D

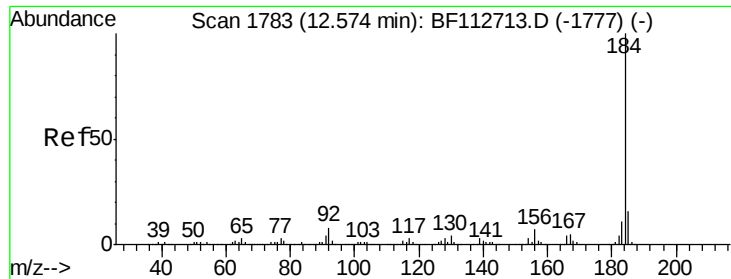
Acq: 23 Mar 2019 10:47

Tgt Ion:	240	Resp:	587794
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.9	13.3
236	26.6	20.7	31.1



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





#77

Benzidine

Concen: 24.218 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

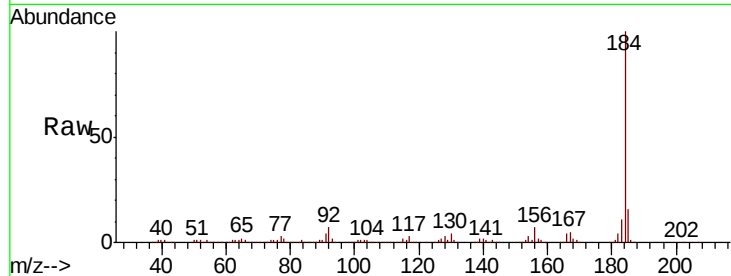
SSTDCCC040

Tot Ion:	184	Resp:	738545
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.6	18.8
183	10.9	8.6	12.8

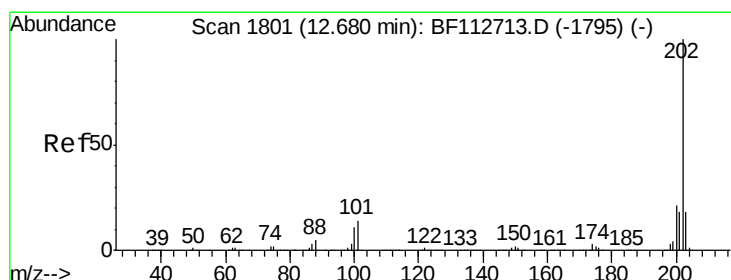
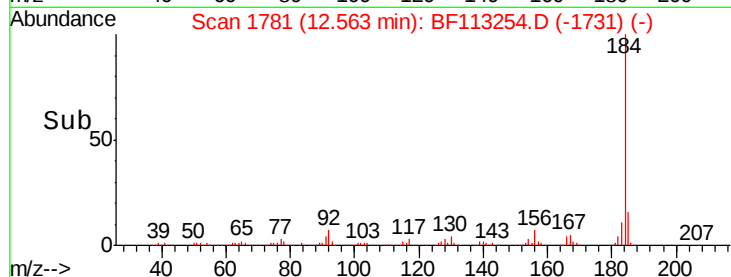
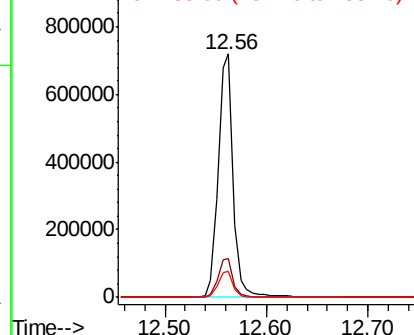
Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



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: 35.707 ng

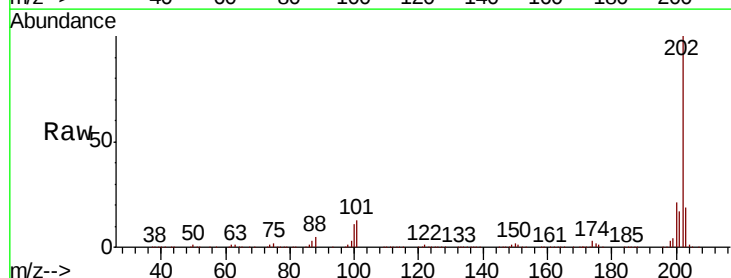
RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

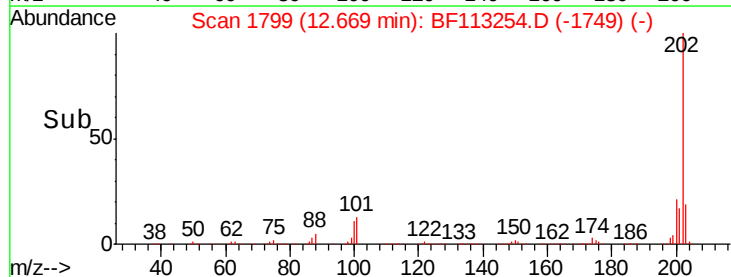
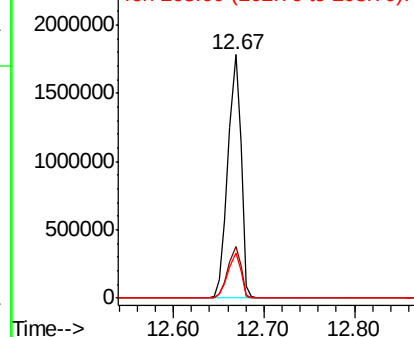
Lab File: BF113254.D

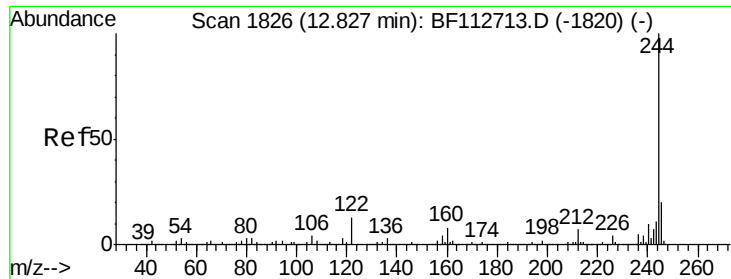
Acq: 23 Mar 2019 10:47

Tgt Ion:	202	Resp:	1769362
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	18.5	14.4	21.6



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: 71.772 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2176281

Ion Ratio Lower Upper

244 100

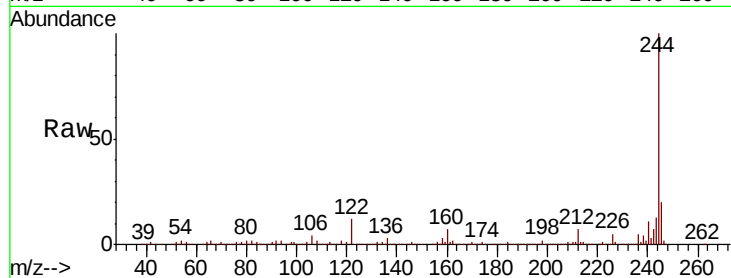
212 7.2 5.6 8.4

122 11.5 10.5 15.7

Manual Integrations
APPROVED

Sohil

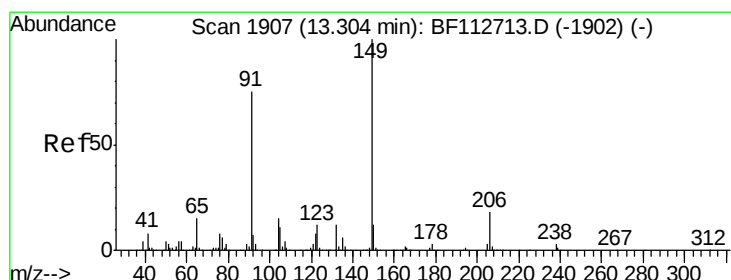
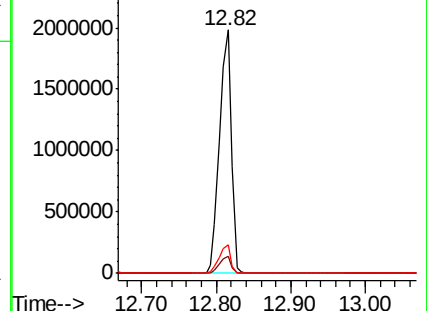
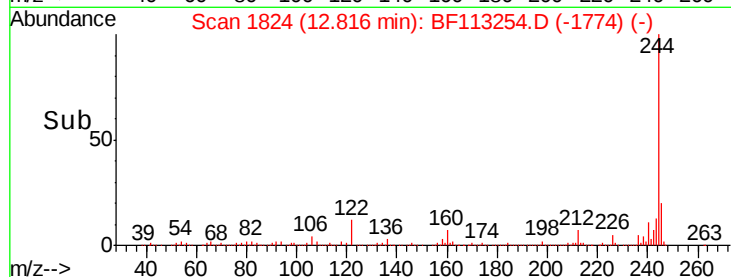
3/25/2019 12:48:12 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.631 ng

RT: 13.29 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

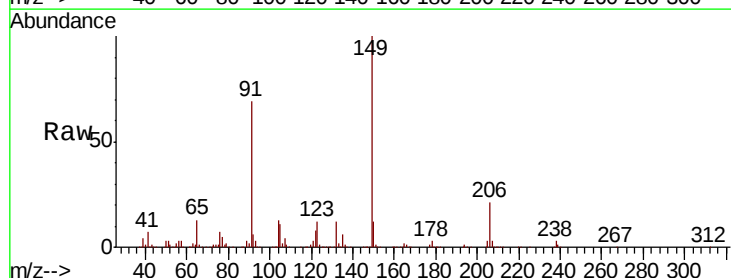
Tgt Ion:149 Resp: 801223

Ion Ratio Lower Upper

149 100

91 68.7 59.9 89.9

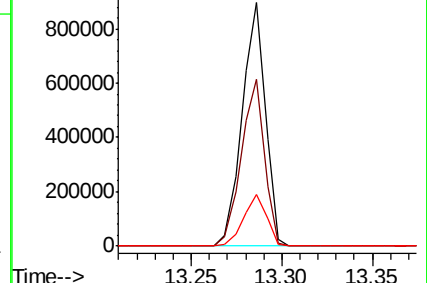
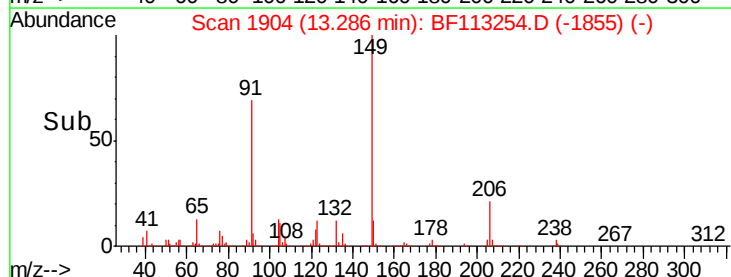
206 21.1 14.7 22.1

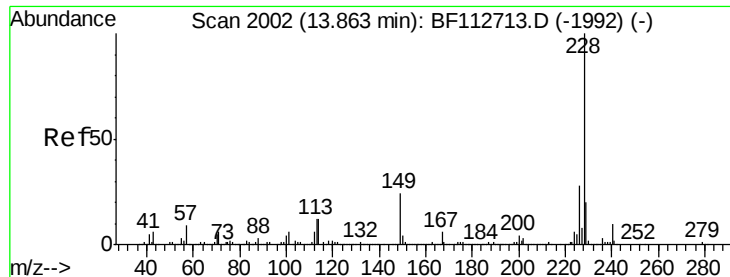


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.402 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1401463

Ion Ratio Lower Upper

228 100

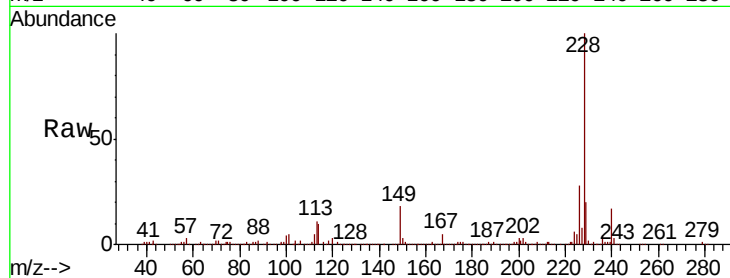
226 27.6 22.2 33.4

229 20.3 16.0 24.0

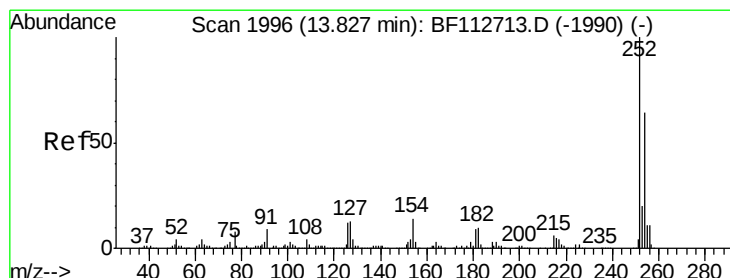
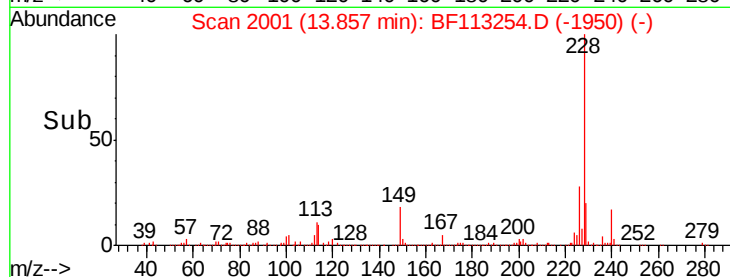
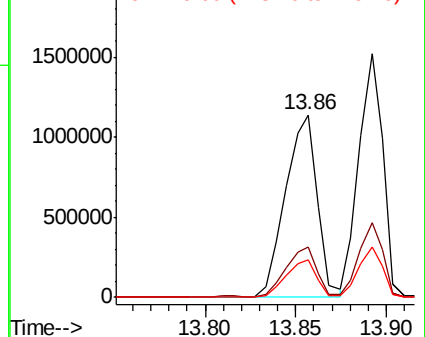
Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.610 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

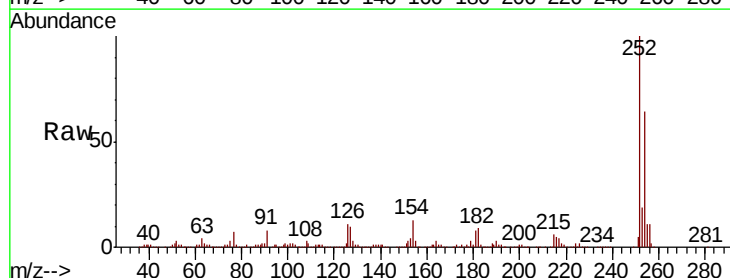
Tgt Ion:252 Resp: 579467

Ion Ratio Lower Upper

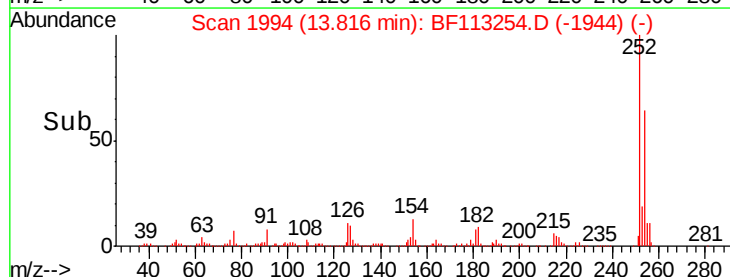
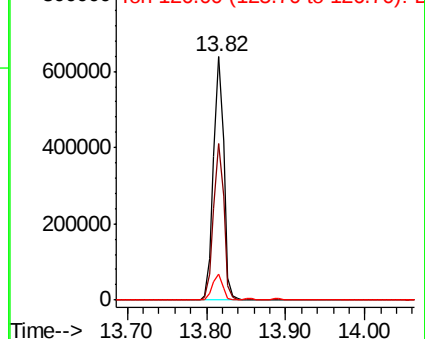
252 100

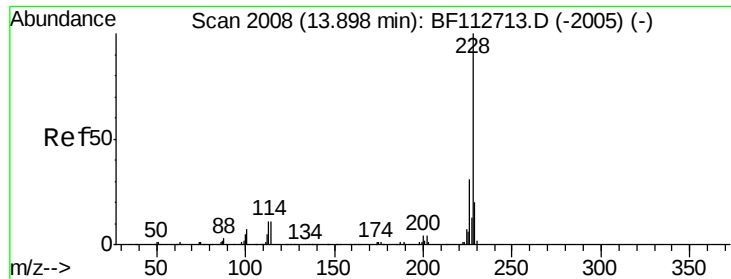
254 64.4 51.1 76.7

126 10.8 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83
Chrysene
Concen: 35.426 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

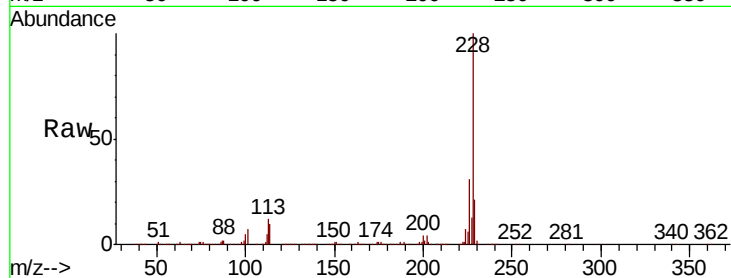
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	228	Resp:	1413635
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	16.3	24.5

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

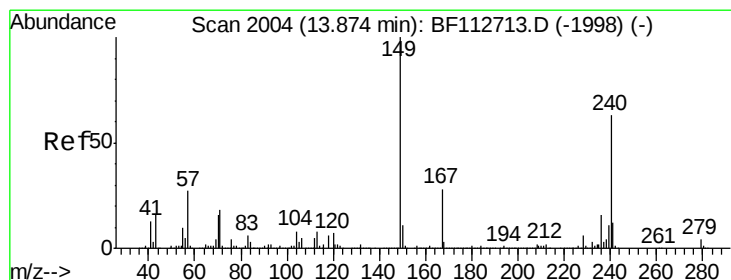
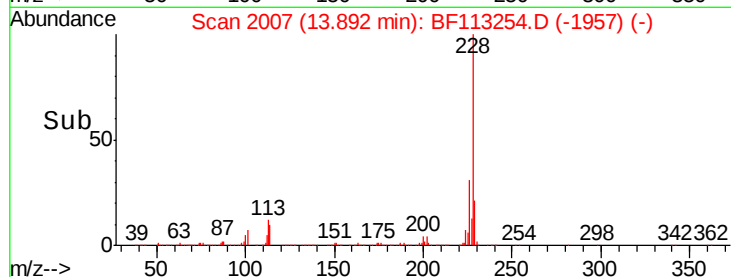
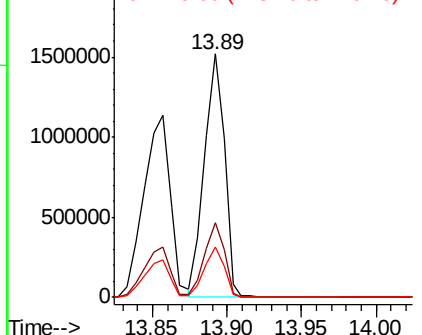


Abundance

Ion 228.00 (227.70 to 228.70): E

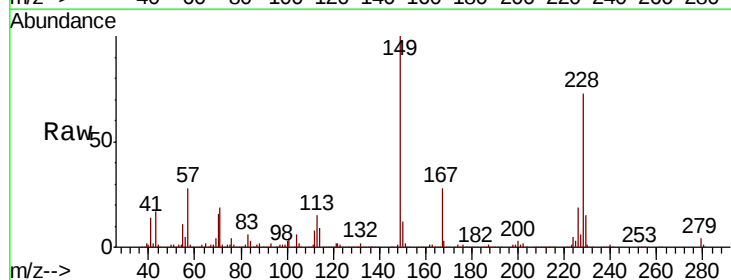
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.198 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:	149	Resp:	928666
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.1	3.3	4.9

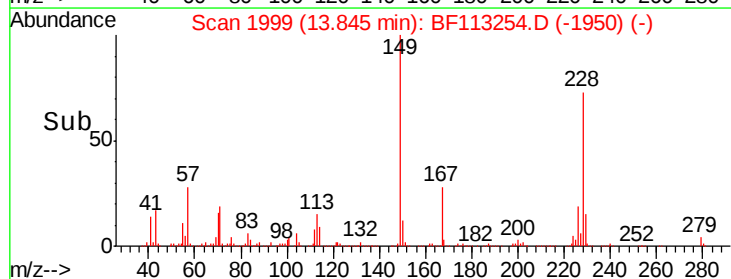
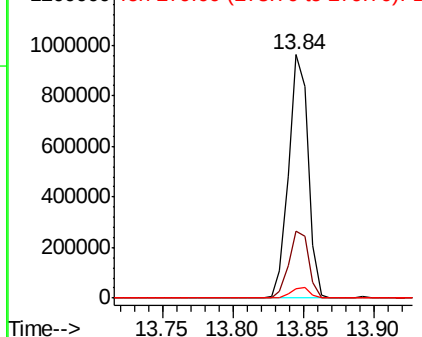


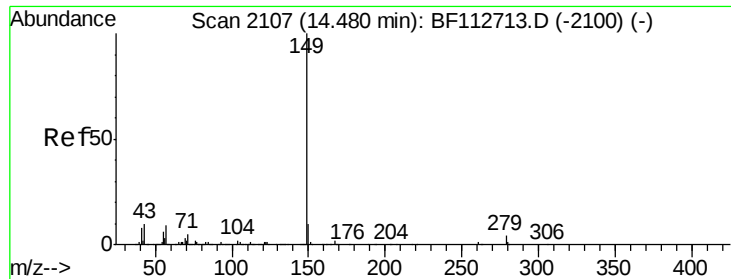
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85
Di-n-octyl phthalate
Concen: 35.300 ng
RT: 14.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

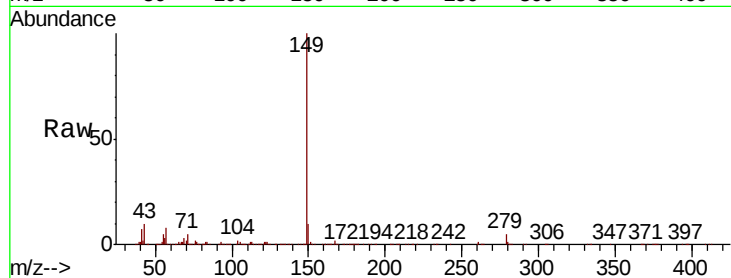
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.4	9.0	13.4

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM

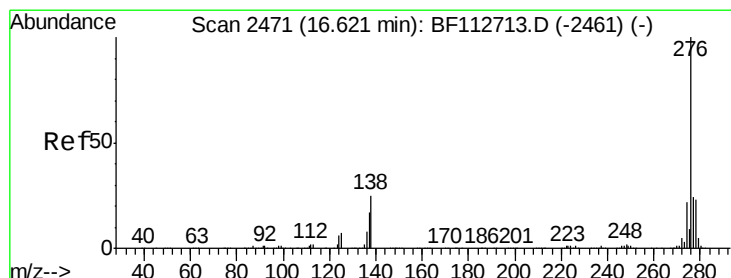
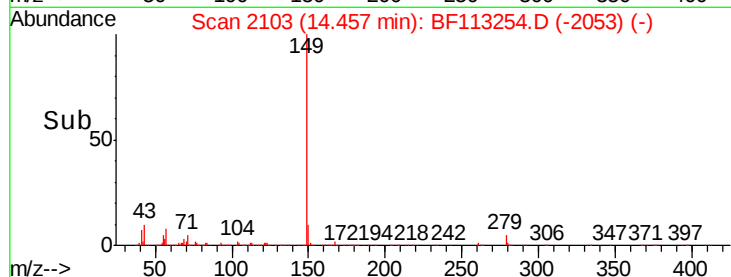
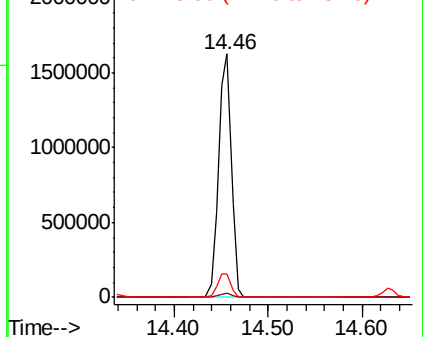


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.724 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

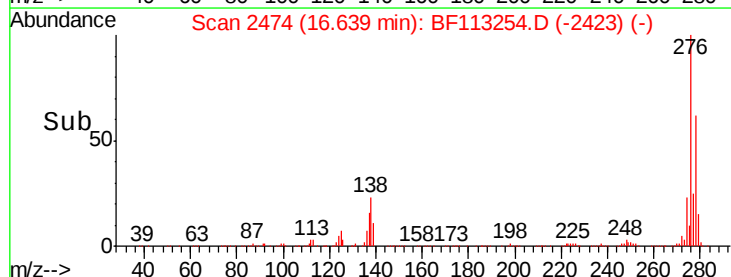
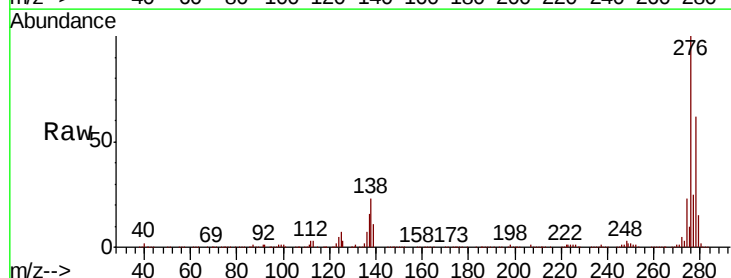
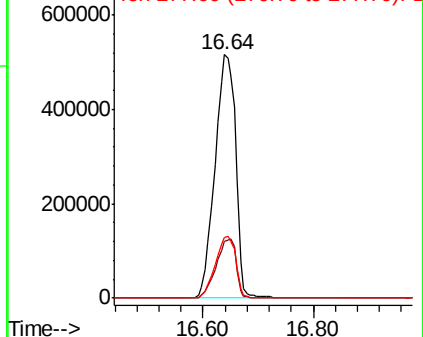
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	23.2	34.8
277	25.2	19.9	29.9

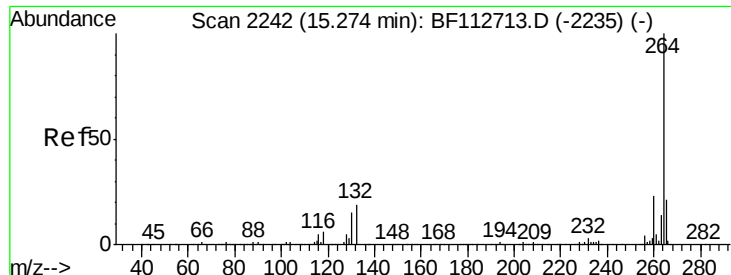
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

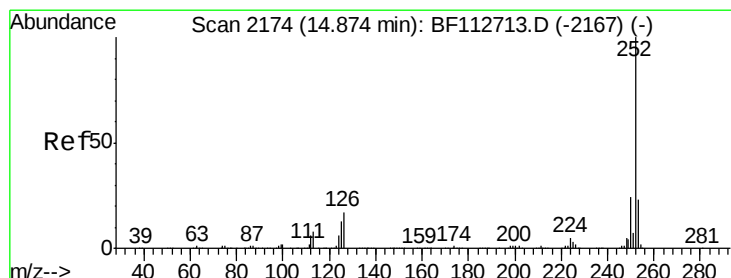
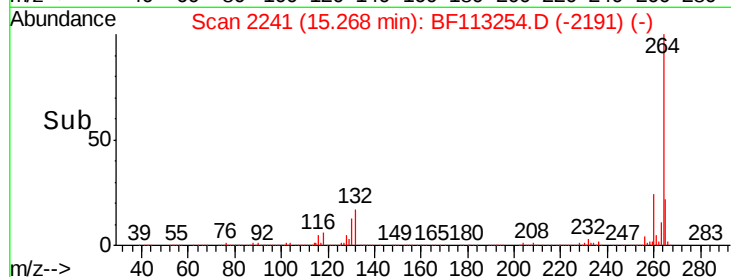
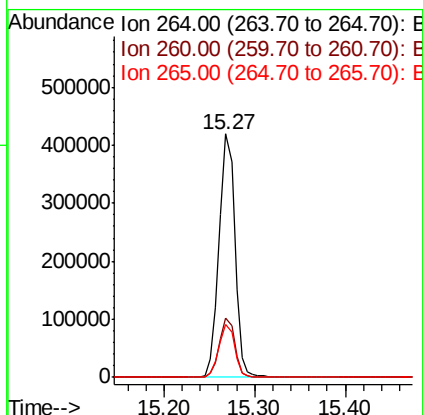
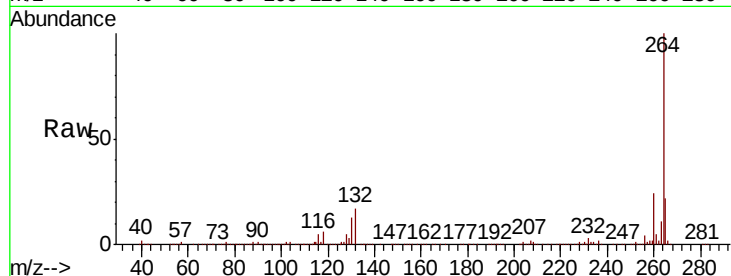
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.0	17.2	25.8

Manual Integrations
APPROVED

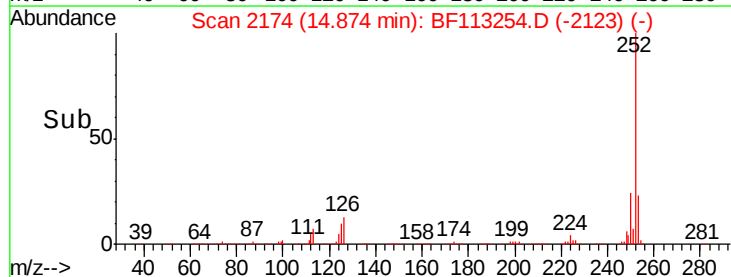
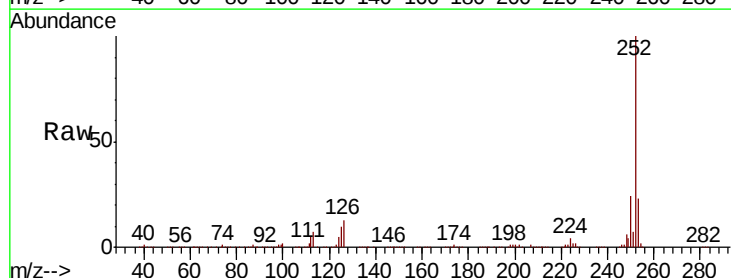
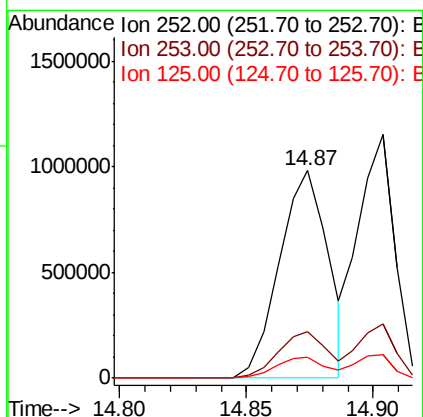
Sohil

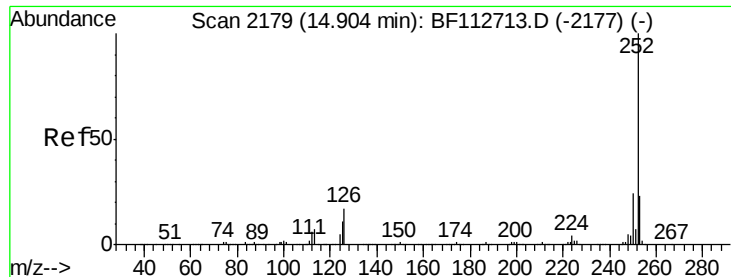
3/25/2019 12:48:12 PM



#88
Benzo(b)fluoranthene
Concen: 39.850 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.2	10.2	15.2





#89

Benzo(k)fluoranthene

Concen: 38.891 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1158211

Ion Ratio Lower Upper

252 100

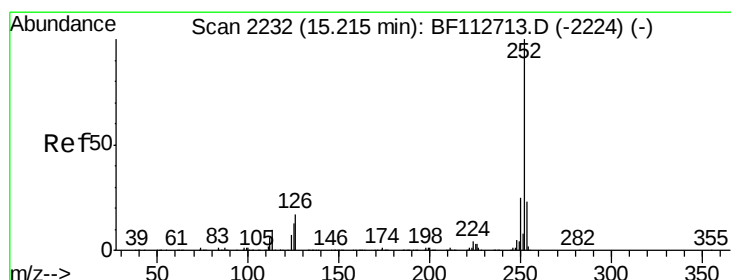
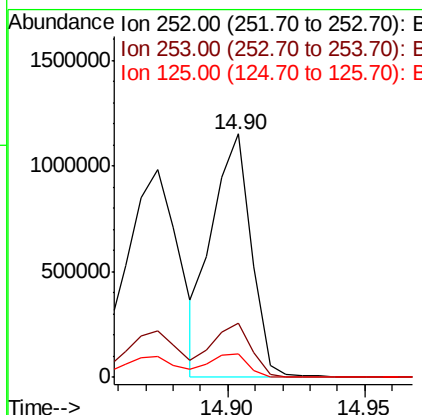
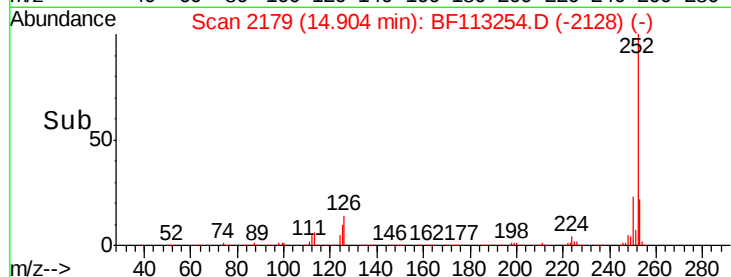
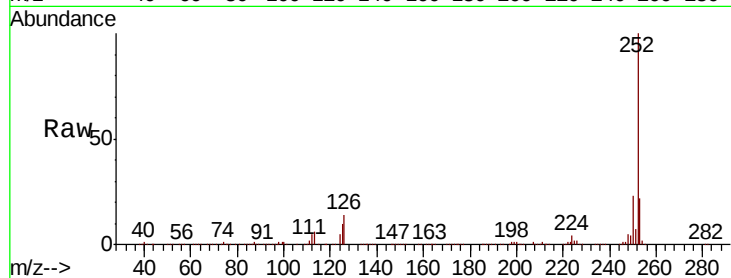
253 22.3 18.2 27.2

125 9.7 9.8 14.6#

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#90

Benzo(a)pyrene

Concen: 39.530 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

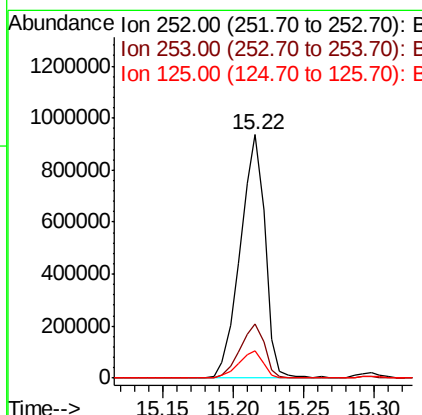
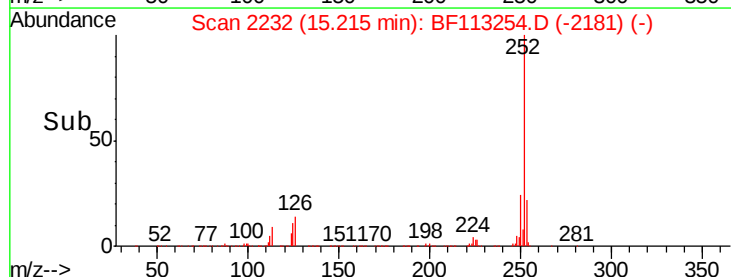
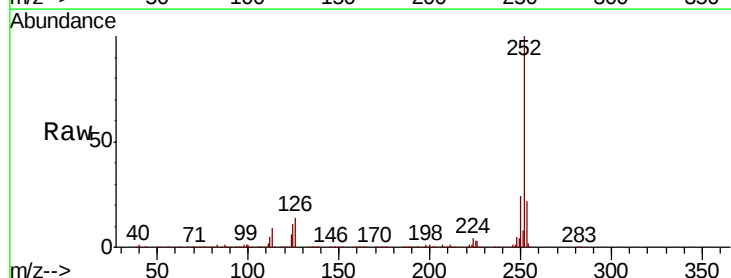
Tgt Ion:252 Resp: 1149577

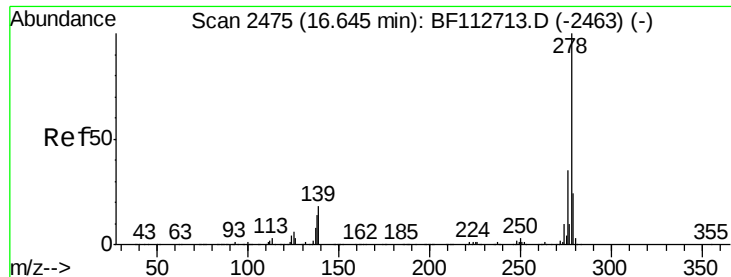
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 11.2 10.7 16.1





#91
Dibenzo(a,h)anthracene
Concen: 44.054 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

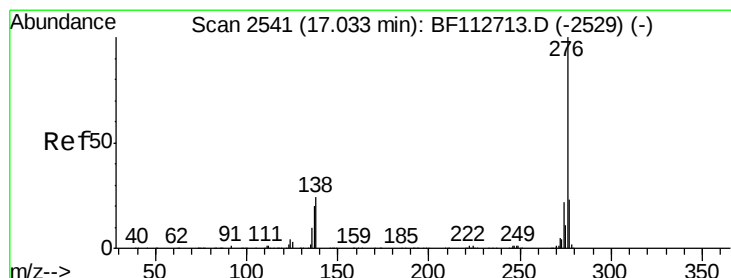
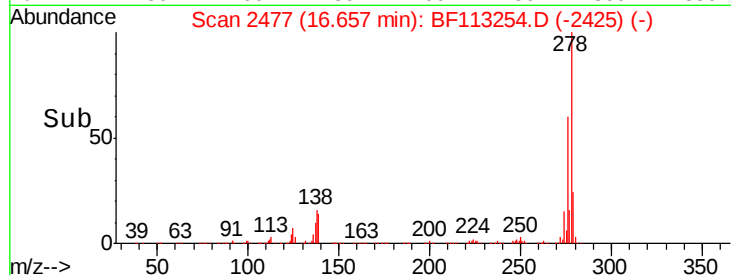
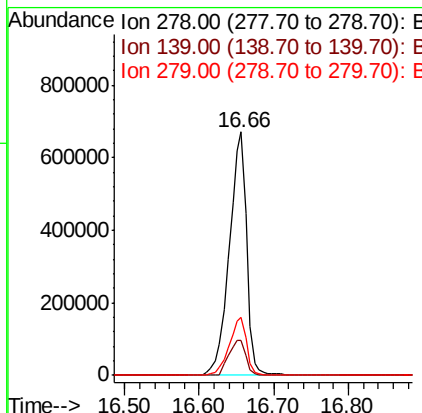
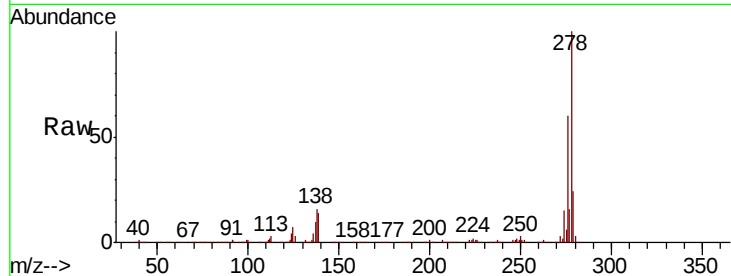
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	14.3	14.3	21.5	
279	23.6	19.4	29.0	

Manual Integrations
APPROVED

Sohil

3/25/2019 12:48:12 PM



#92
Benzo(g,h,i)perylene
Concen: 45.656 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.6	18.6	27.8	
138	20.4	19.4	29.0	

