

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113785.D
 Acq On : 16 Apr 2019 11:01
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:45:30 PM

Quant Time: Apr 16 11:30:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	171100	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	666170	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	325895	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	648530	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	488536	20.00	ng	-0.01
87) Perylene-d12	15.24	264	374992	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	831231	82.84	ng	0.00
7) Phenol-d6	6.34	99	995216	80.48	ng	0.00
23) Nitrobenzene-d5	7.25	82	937960	82.47	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	318341	81.32	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1630150	80.53	ng	-0.02
79) Terphenyl-d14	12.77	244	1762760	73.46	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	186042	39.148	ng	98
3) Pyridine	3.02	79	484055	38.921	ng	99
4) n-Nitrosodimethylamine	2.99	42	221887	41.991	ng	96
6) Aniline	6.34	93	617342	41.183	ng	# 64
8) 2-Chlorophenol	6.47	128	481184	41.449	ng	99
9) Benzaldehyde	6.23	77	320587	43.598	ng	99
10) Phenol	6.36	94	586754	41.543	ng	# 73
11) bis(2-Chloroethyl)ether	6.42	93	449262	40.891	ng	99
12) 1,3-Dichlorobenzene	6.62	146	511707	40.930	ng	97
13) 1,4-Dichlorobenzene	6.69	146	515465	40.801	ng	98
14) 1,2-Dichlorobenzene	6.85	146	461208	40.444	ng	98
15) Benzyl Alcohol	6.84	79	293505	35.101	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	671822	39.284	ng	76
17) 2-Methylphenol	6.96	107	385647	42.866	ng	# 87
18) Hexachloroethane	7.18	117	183304	39.862	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	318193	41.725	ng	99
20) 3+4-Methylphenols	7.12	107	492327	45.164	ng	91
22) Acetophenone	7.09	105	615853	42.092	ng	# 97
24) Nitrobenzene	7.27	77	488520	41.710	ng	99
25) Isophorone	7.51	82	874602	39.921	ng	100
26) 2-Nitrophenol	7.58	139	269319	42.725	ng	97
27) 2,4-Dimethylphenol	7.63	122	372607	41.347	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	556531	40.180	ng	99
29) 2,4-Dichlorophenol	7.84	162	410007	42.524	ng	100
30) 1,2,4-Trichlorobenzene	7.90	180	428201	40.895	ng	97
31) Naphthalene	7.98	128	1312674	40.668	ng	100
32) Benzoic acid	7.82	122	266342	38.168	ng	99
33) 4-Chloroaniline	8.04	127	572018	44.694	ng	99
34) Hexachlorobutadiene	8.09	225	260165	40.755	ng	99
35) Caprolactam	8.43	113	132998m	43.454	ng	
36) 4-Chloro-3-methylphenol	8.55	107	419672	43.359	ng	98
37) 2-Methylnaphthalene	8.67	142	868427	40.908	ng	100
38) 1-Methylnaphthalene	8.77	142	831506	40.621	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	429452	40.746	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113785.D
 Acq On : 16 Apr 2019 11:01
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

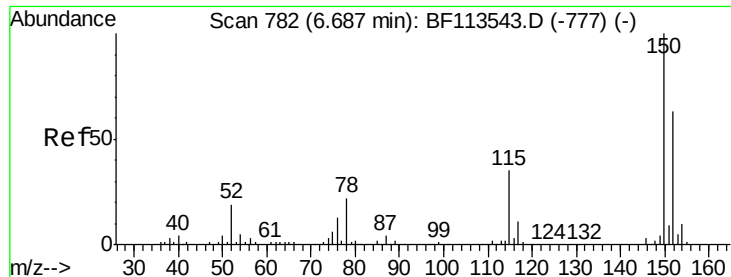
Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:45:30 PM

Quant Time: Apr 16 11:30:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	106165	37.346	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	258410	38.841	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	255700	35.800	ng	97
46) 1,1'-Biphenyl	9.13	154	1089972	40.531	ng	99
47) 2-Chloronaphthalene	9.16	162	827047	40.619	ng	98
48) 2-Nitroaniline	9.27	65	263620	42.312	ng	99
49) Acenaphthylene	9.57	152	1289071	38.933	ng	99
50) Dimethylphthalate	9.44	163	927364	38.603	ng	99
51) 2,6-Dinitrotoluene	9.52	165	214854	40.574	ng #	86
52) Acenaphthene	9.75	154	761574	40.182	ng	100
53) 3-Nitroaniline	9.69	138	255485	42.436	ng	93
54) 2,4-Dinitrophenol	9.82	184	91203	36.814	ng	90
55) Dibenzofuran	9.92	168	1126635	40.524	ng	97
56) 4-Nitrophenol	9.89	139	130795m	35.022	ng	
57) 2,4-Dinitrotoluene	9.93	165	280377	43.780	ng	91
58) Fluorene	10.26	166	898108	40.843	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	270826	43.805	ng	90
60) Diethylphthalate	10.14	149	912927	39.416	ng	98
61) 4-Chlorophenyl-phenylether	10.25	204	444212	41.071	ng	97
62) 4-Nitroaniline	10.31	138	241853	39.505	ng	98
63) Azobenzene	10.41	77	862526	39.330	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	138115	40.453	ng	96
66) n-Nitrosodiphenylamine	10.37	169	799842	40.174	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	290189	39.897	ng	99
68) Hexachlorobenzene	10.82	284	332514	39.898	ng	99
69) Atrazine	10.90	200	223991	35.694	ng	96
70) Pentachlorophenol	11.02	266	168829	42.990	ng	99
71) Phenanthrene	11.22	178	1275483	39.579	ng	100
72) Anthracene	11.27	178	1329797	40.558	ng	100
73) Carbazole	11.43	167	1294980	42.229	ng	99
74) Di-n-butylphthalate	11.75	149	1405467	38.528	ng	100
75) Fluoranthene	12.40	202	1403300	40.637	ng	99
77) Benzidine	12.53	184	756985	41.668	ng	99
78) Pyrene	12.63	202	1397613	37.598	ng	99
80) Butylbenzylphthalate	13.24	149	586248	38.744	ng	95
81) Benzo(a)anthracene	13.82	228	1164692	41.328	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	442054	40.725	ng	99
83) Chrysene	13.86	228	1133942	39.693	ng	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	738677	40.377	ng #	98
85) Di-n-octyl phthalate	14.41	149	1143319	38.447	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	890239	33.751	ng	99
88) Benzo(b)fluoranthene	14.84	252	959541	41.802	ng	99
89) Benzo(k)fluoranthene	14.87	252	875214	42.484	ng	98
90) Benzo(a)pyrene	15.19	252	855312	41.933	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	734187	38.491	ng	99
92) Benzo(g,h,i)perylene	17.02	276	765891	39.339	ng	99

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



#1

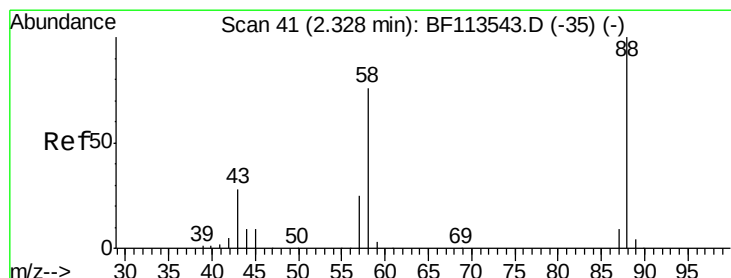
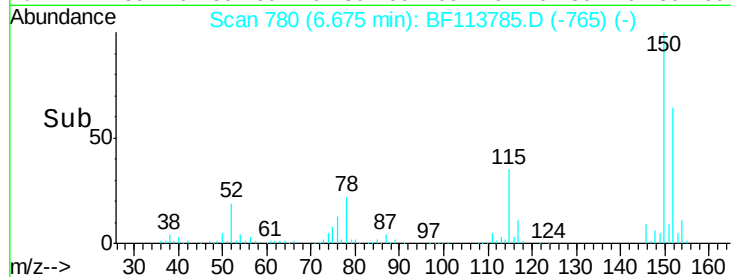
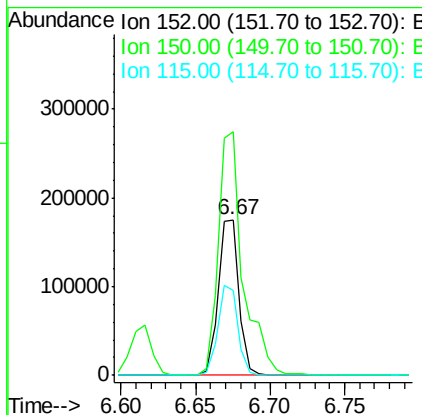
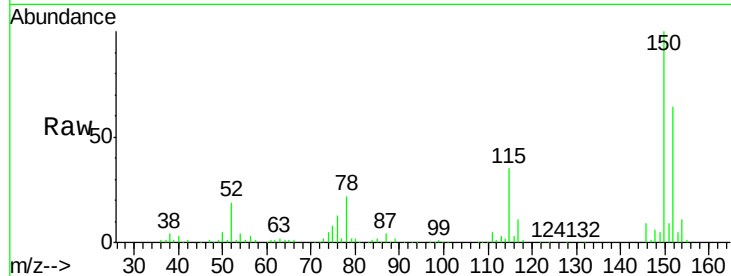
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.7	187.1
115	54.9	46.0	69.0

Manual Integrations
 APPROVED

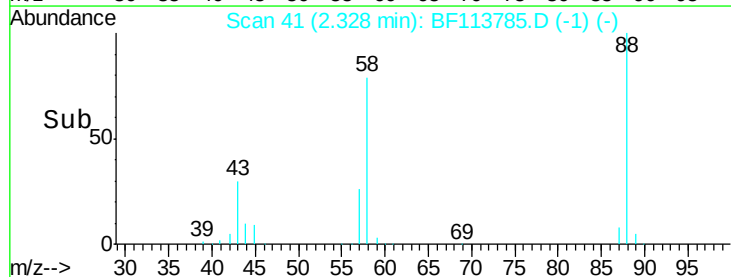
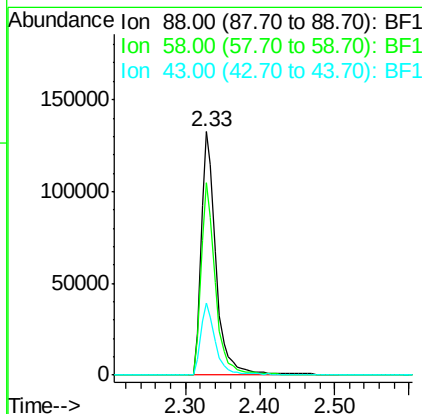
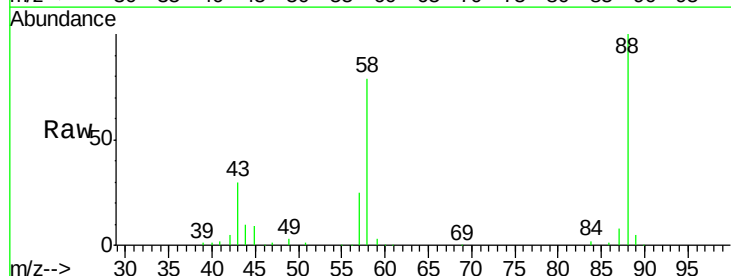
Sohil
 4/17/2019 3:45:30 PM

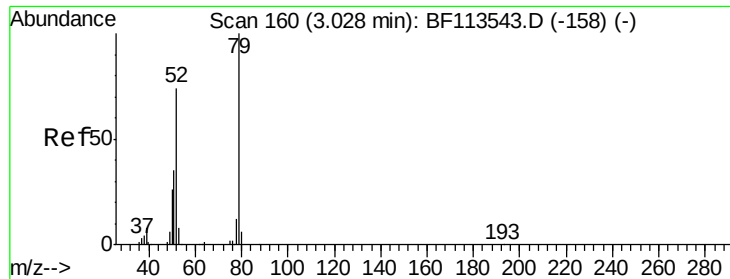


#2

1,4-Dioxane
 Concen: 39.148 ng
 RT: 2.33 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	61.9	92.9
43	28.9	24.2	36.4





#3

Pyridine

Concen: 38.921 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

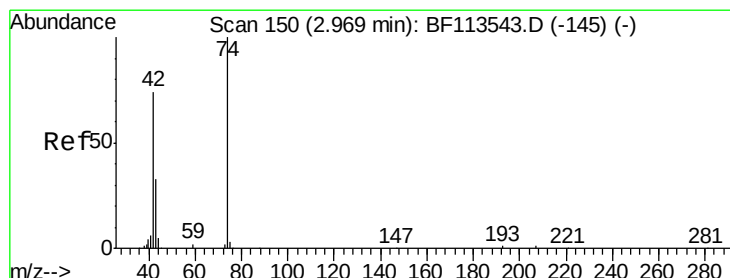
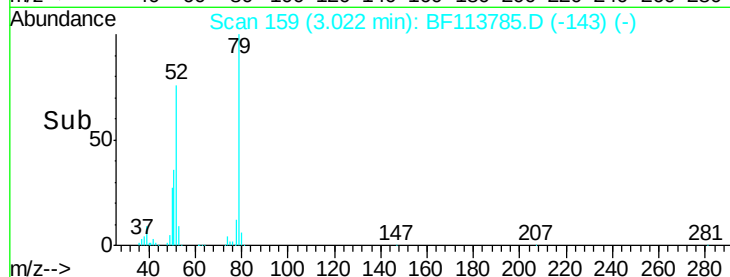
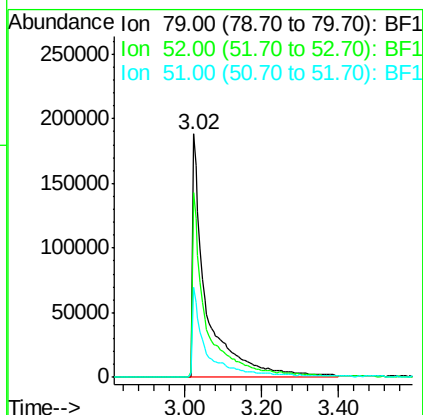
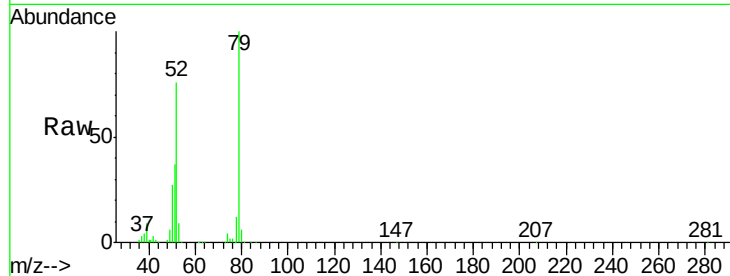
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	484055
Ion Ratio	Lower	Upper	
79	100		
52	76.0	61.0	91.4
51	36.7	30.6	45.8

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#4

n-Nitrosodimethylamine

Concen: 41.991 ng

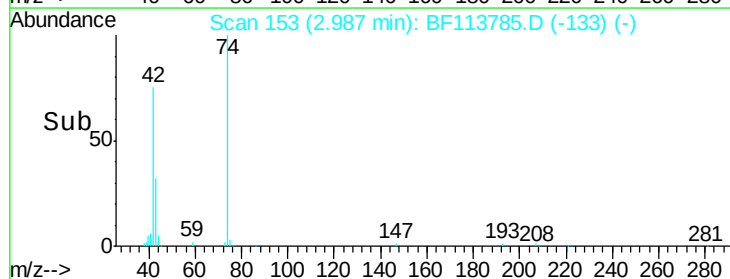
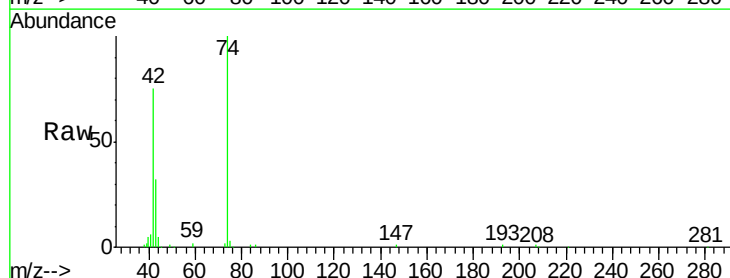
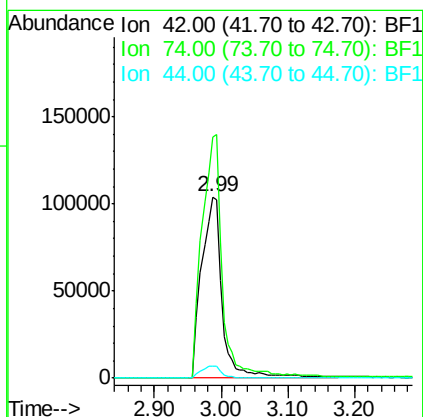
RT: 2.99 min Scan# 153

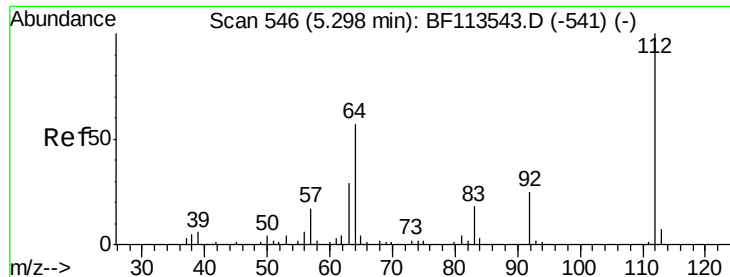
Delta R.T. 0.02 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:	42	Resp:	221887
Ion Ratio	Lower	Upper	
42	100		
74	133.2	102.4	153.6
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 82.843 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

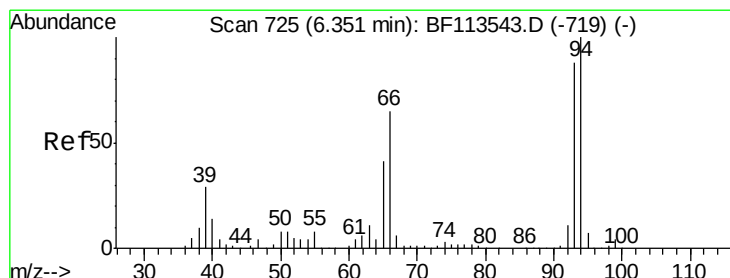
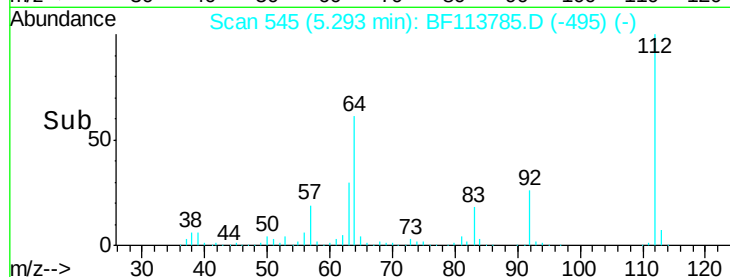
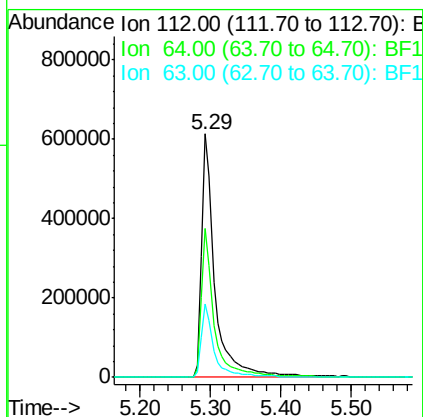
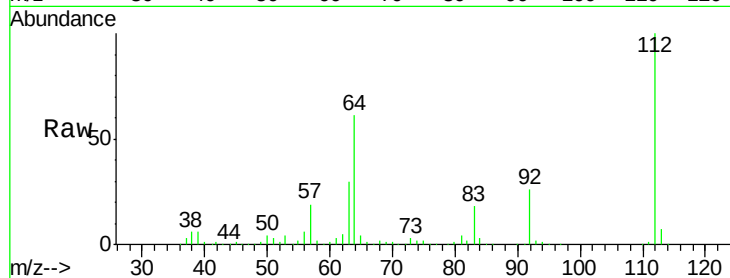
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	831231
Ion Ratio	Lower	Upper	
112	100		
64	61.2	49.2	73.8
63	30.3	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#6

Aniline

Concen: 41.183 ng

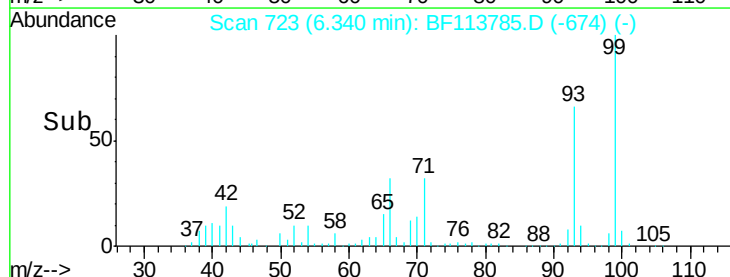
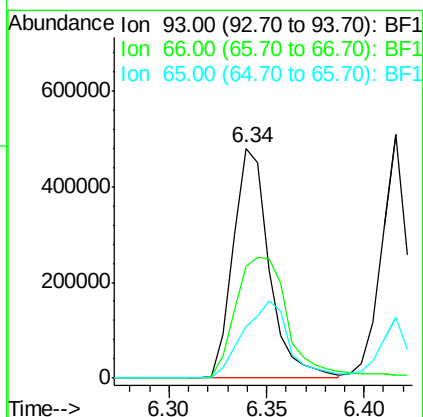
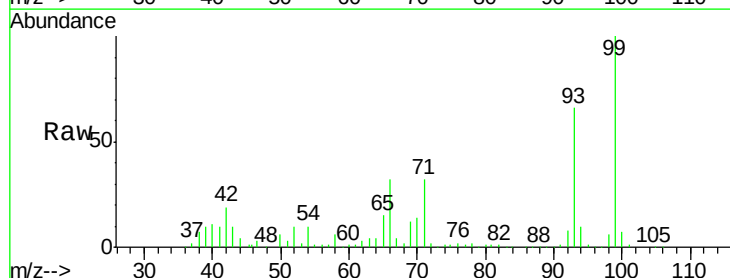
RT: 6.34 min Scan# 723

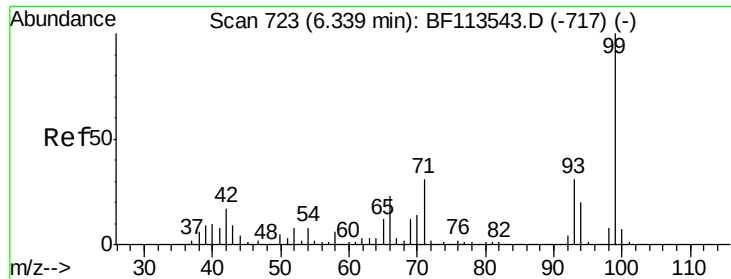
Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:	93	Resp:	617342
Ion Ratio	Lower	Upper	
93	100		
66	48.4	62.1	93.1#
65	22.3	38.7	58.1#





#7

Phenol-d6

Concen: 80.475 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

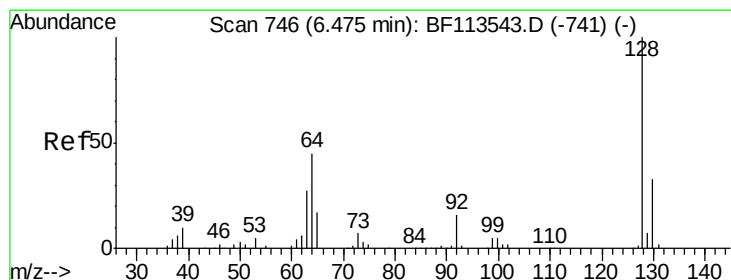
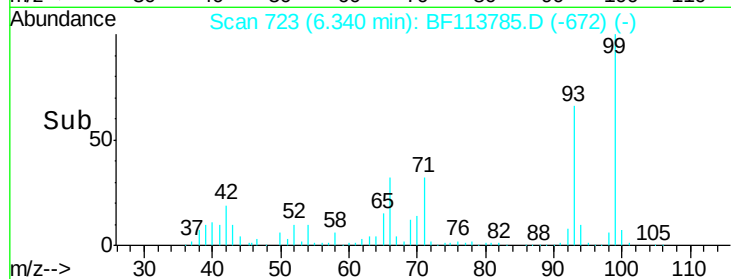
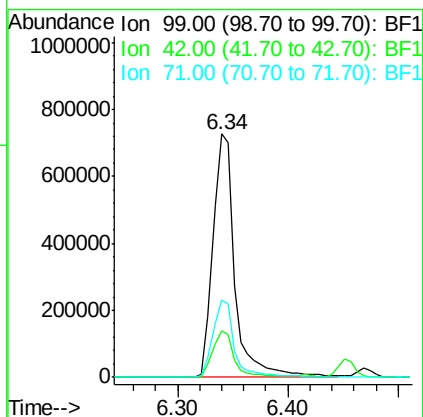
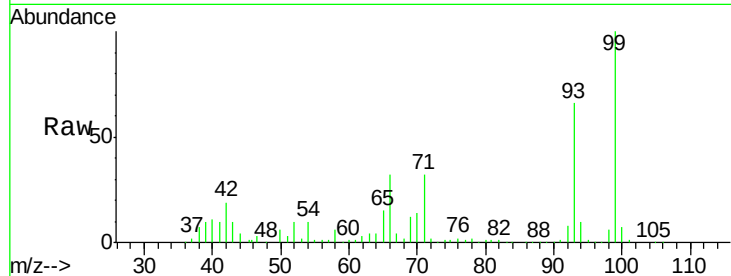
ClientSampled :

SSTDCCC040

Tgt Ion:	99	Resp:	995216
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.8	22.2
71	31.8	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#8

2-Chlorophenol

Concen: 41.449 ng

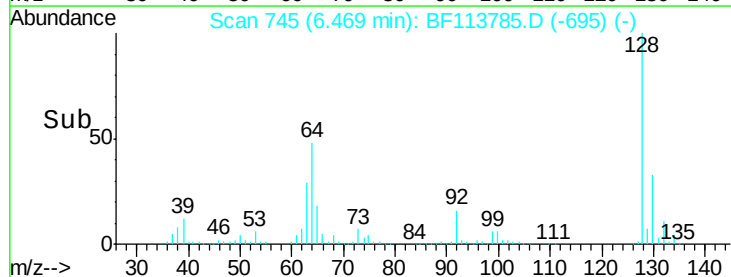
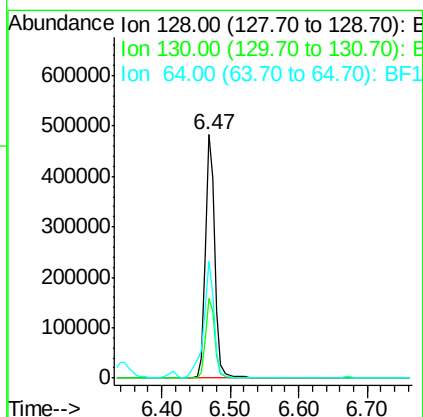
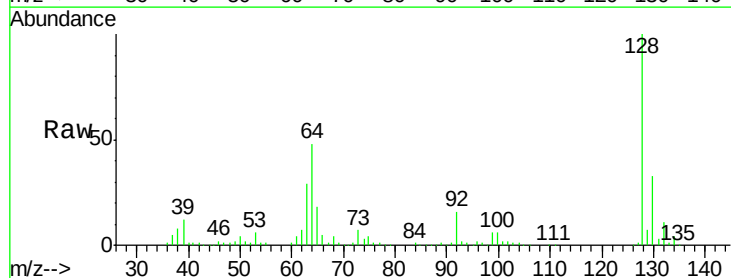
RT: 6.47 min Scan# 745

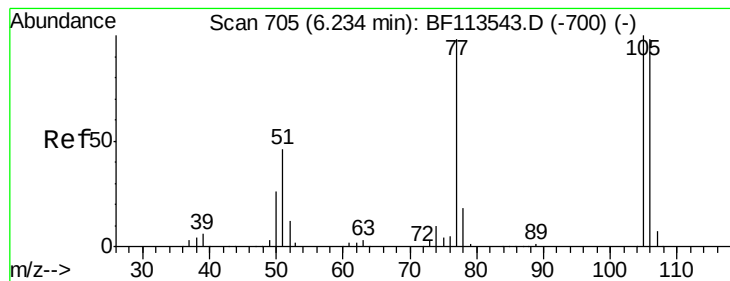
Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:	128	Resp:	481184
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.6	52.6
64	47.9	29.4	69.4





#9

Benzaldehyde

Concen: 43.598 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 320587
Ion Ratio Lower Upper

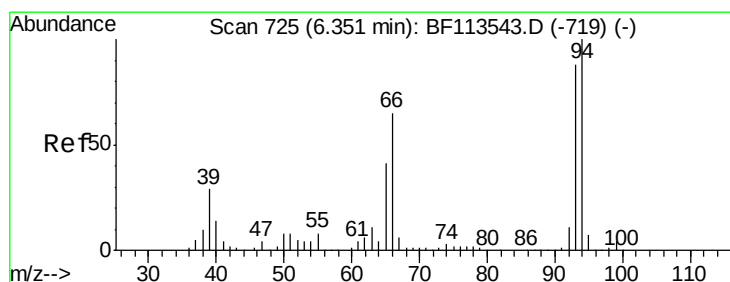
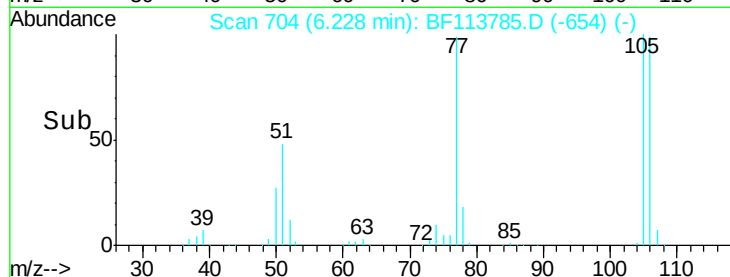
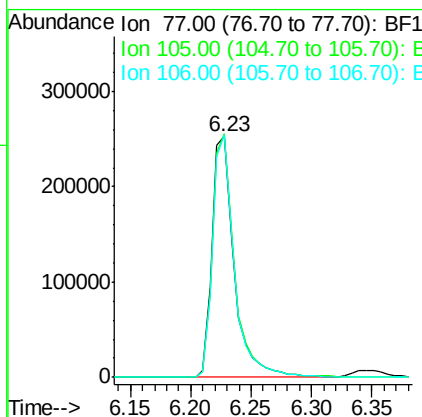
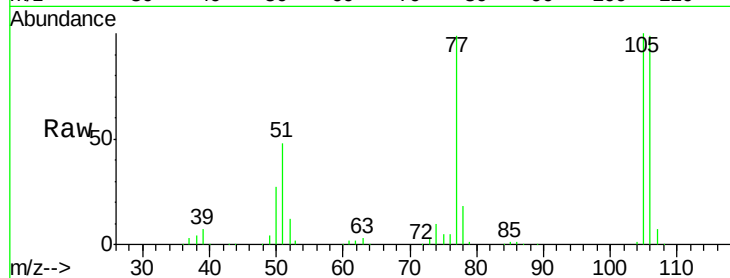
77 100

105 101.1 80.9 120.9

106 100.6 77.8 117.8

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#10

Phenol

Concen: 41.543 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113785.D

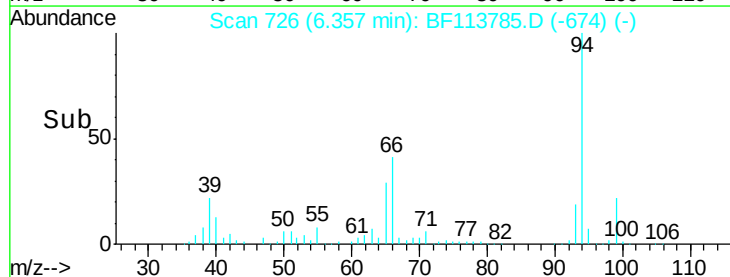
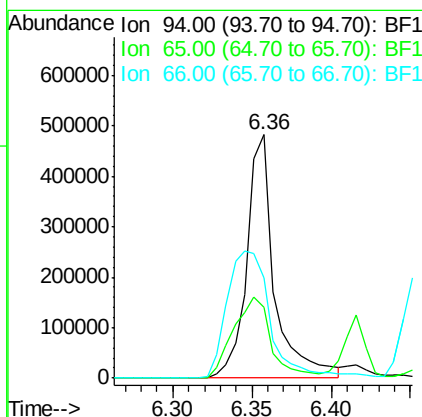
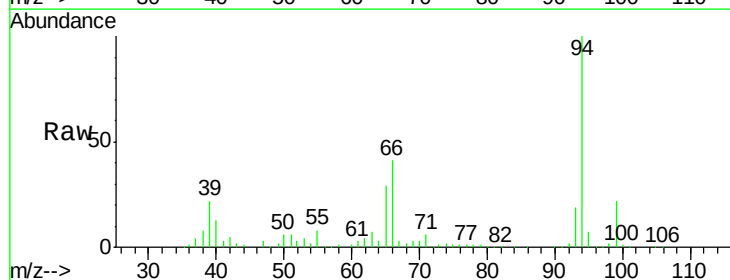
Acq: 16 Apr 2019 11:01

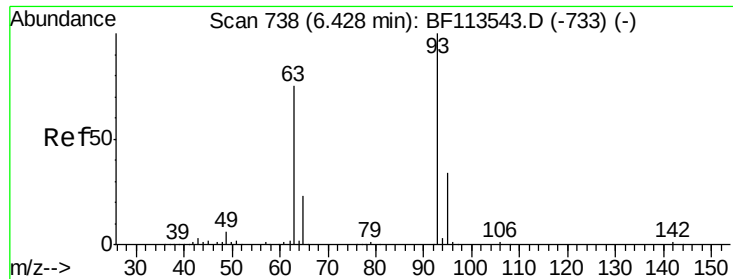
Tgt Ion: 94 Resp: 586754
Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

66 41.0 46.4 86.4#





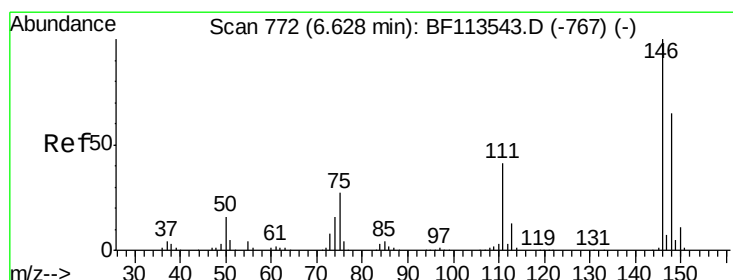
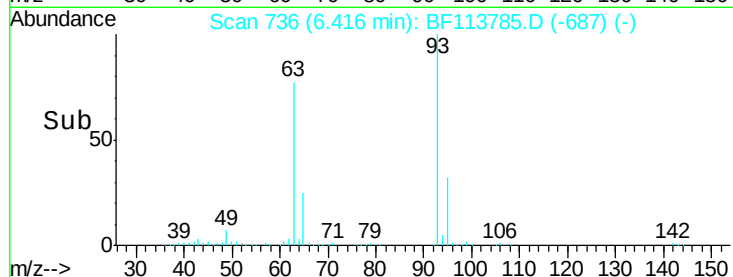
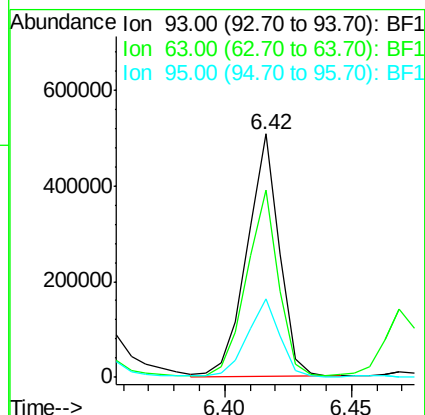
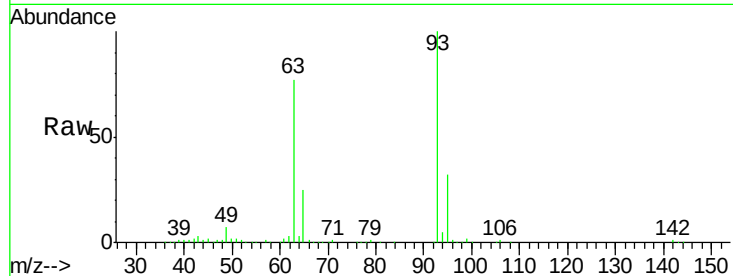
#11
bis(2-Chloroethyl)ether
Concen: 40.891 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.7	56.1	96.1
95	32.3	12.8	52.8

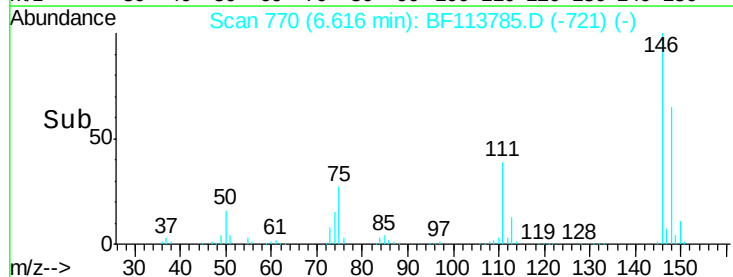
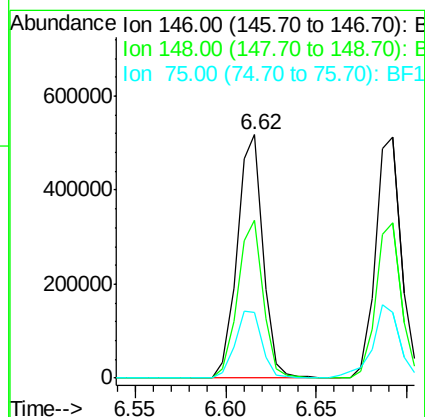
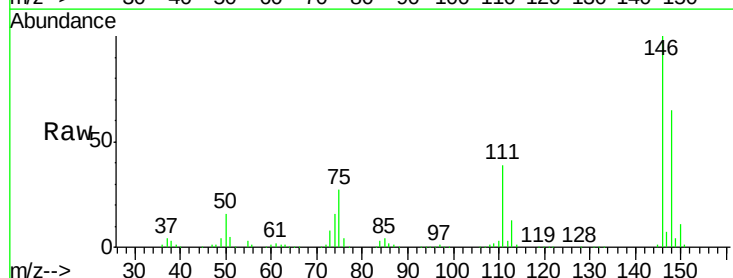
Manual Integrations
APPROVED

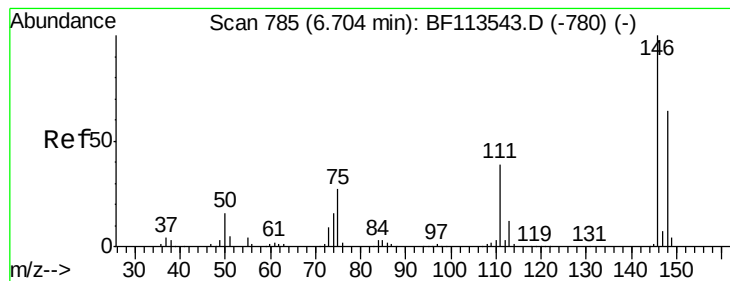
Sohil
4/17/2019 3:45:30 PM



#12
1,3-Dichlorobenzene
Concen: 40.930 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	27.1	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 40.801 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

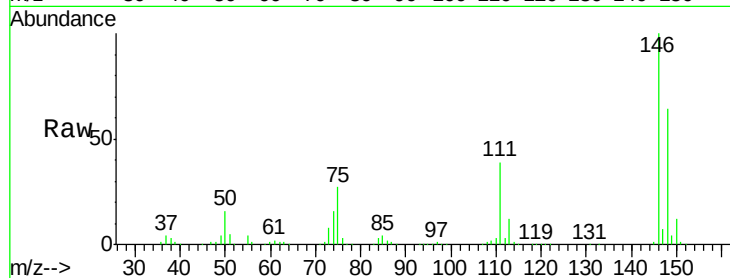
ClientSampleId :

SSTDCCC040

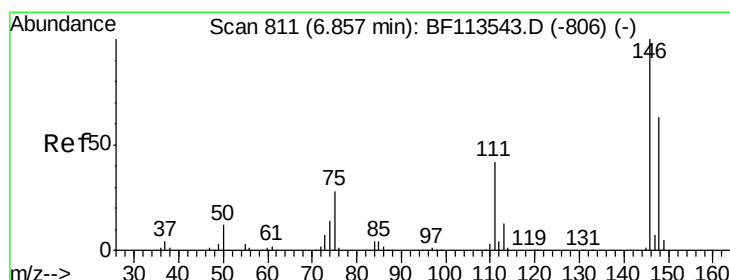
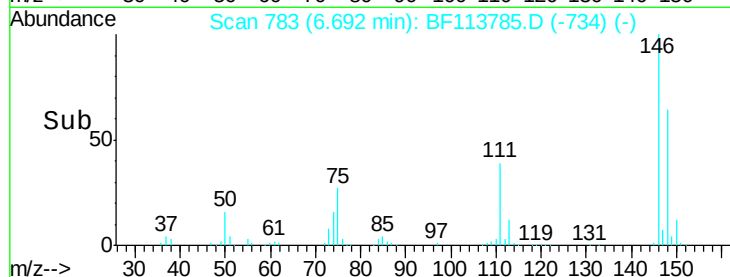
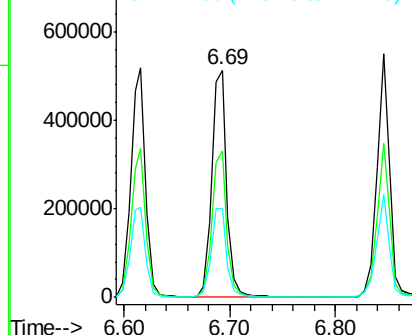
Tgt Ion:	146	Resp:	515465
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.1	76.7
111	38.8	32.8	49.2

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.444 ng

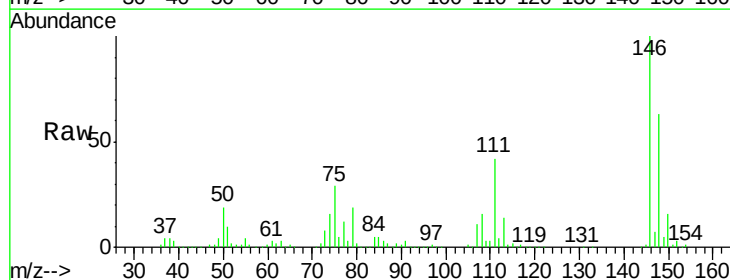
RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

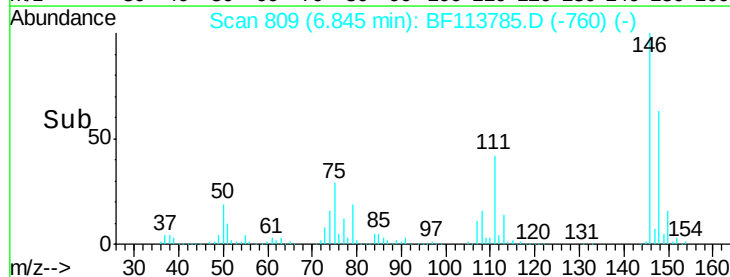
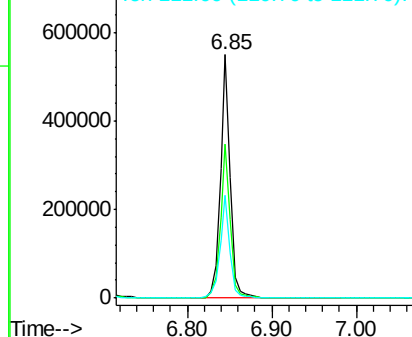
Lab File: BF113785.D

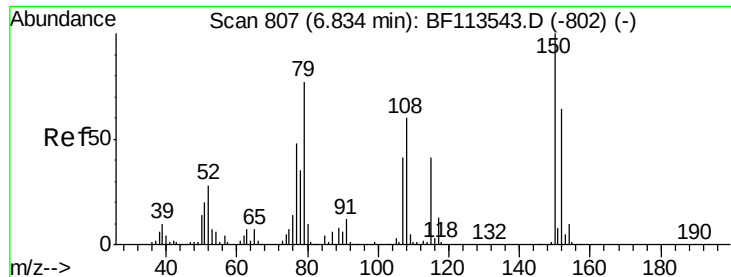
Acq: 16 Apr 2019 11:01

Tgt Ion:	146	Resp:	461208
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.2	75.4
111	42.0	35.4	53.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.101 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

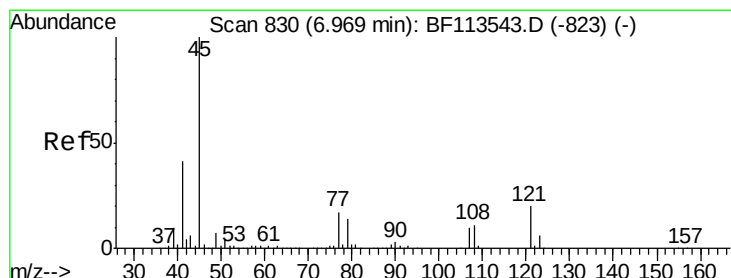
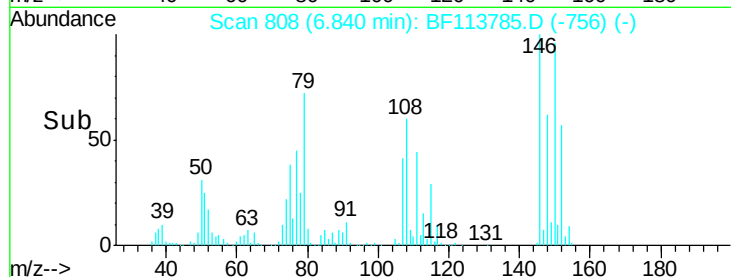
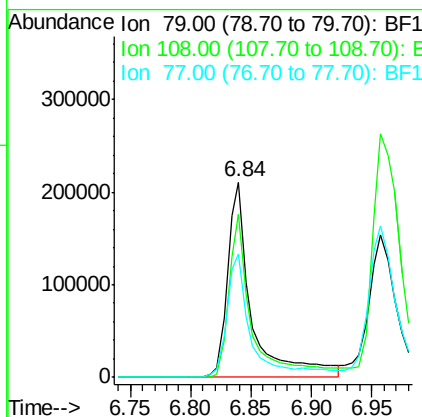
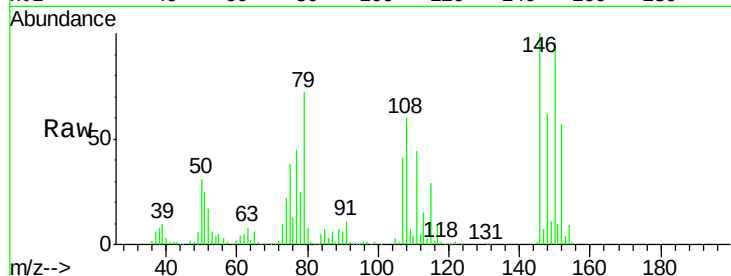
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	293505
Ion Ratio	Lower	Upper	
79	100		
108	83.6	62.0	93.0
77	63.1	49.9	74.9

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.284 ng

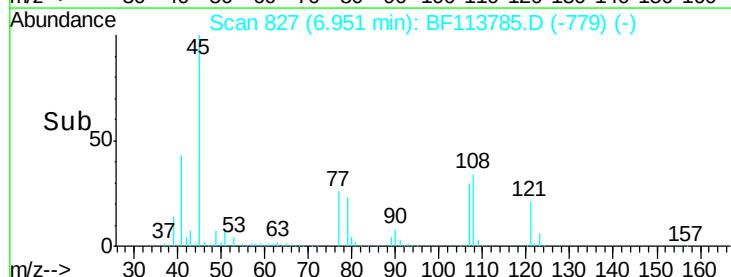
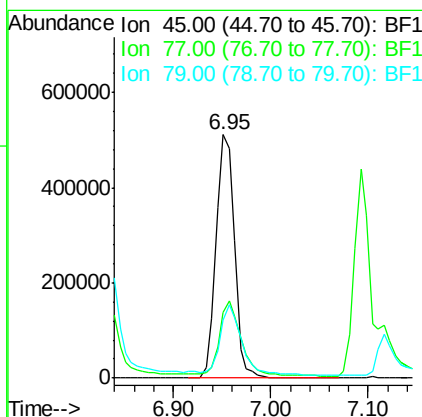
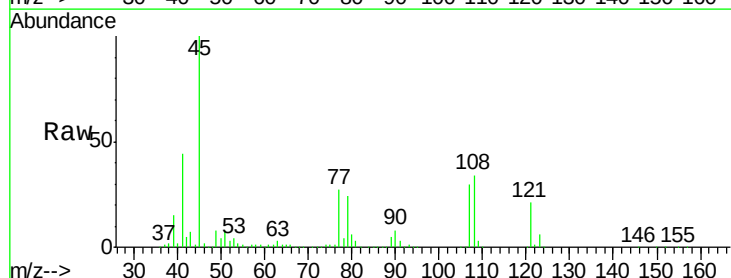
RT: 6.95 min Scan# 827

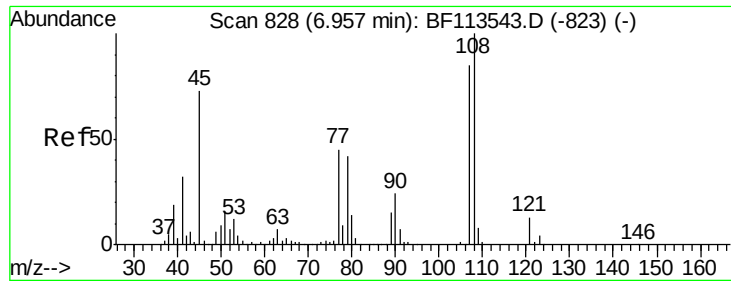
Delta R.T. -0.02 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:	45	Resp:	671822
Ion Ratio	Lower	Upper	
45	100		
77	26.8	0.0	36.6
79	23.9	0.0	34.0





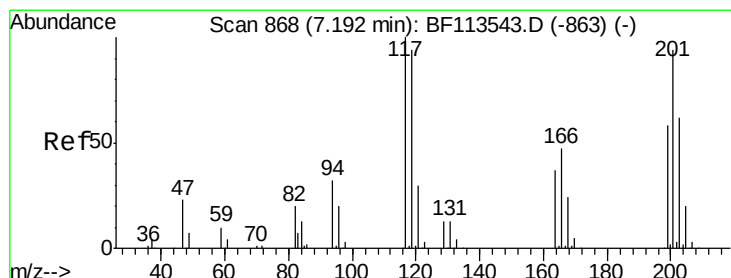
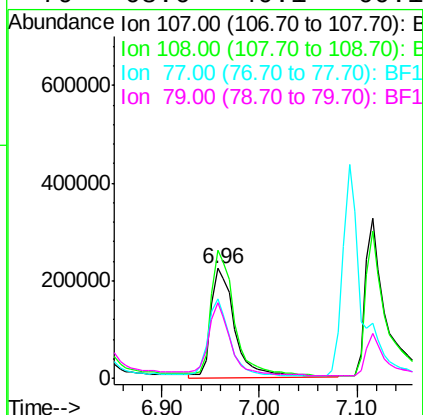
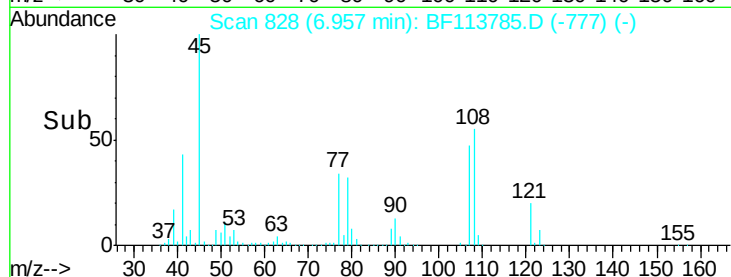
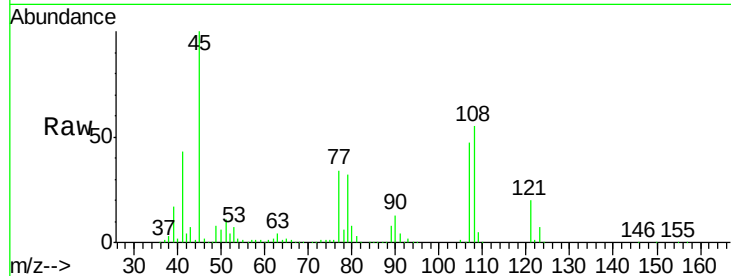
#17
2-Methylphenol
Concen: 42.866 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	385647		
108	116.8	93.4	140.0	
77	72.6	41.2	61.8#	
79	68.6	40.1	60.1#	

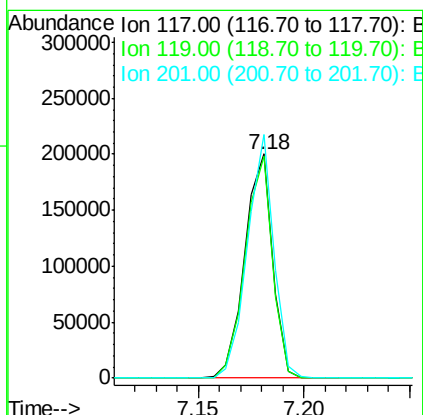
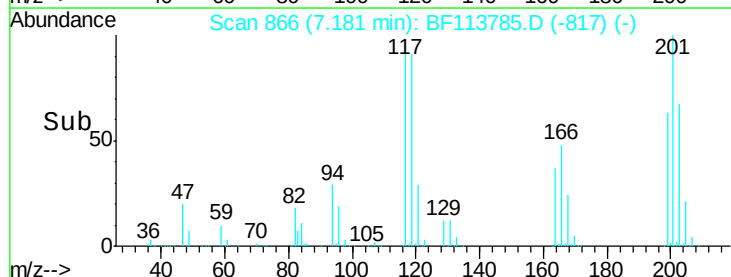
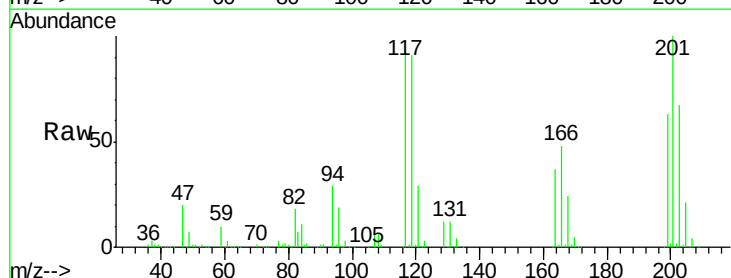
Manual Integrations
APPROVED

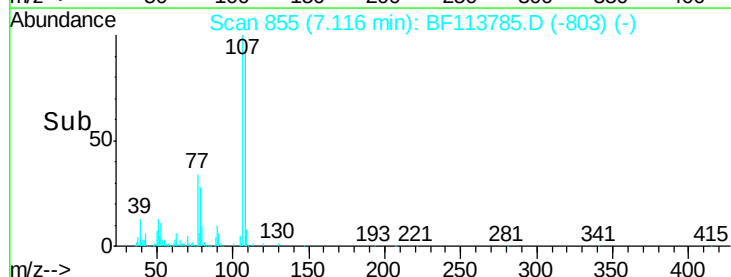
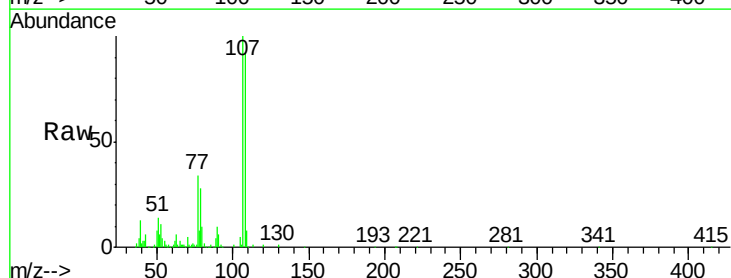
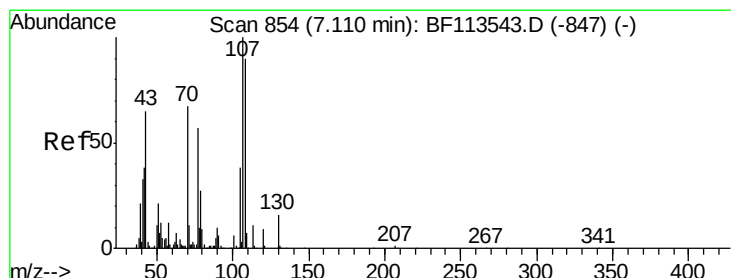
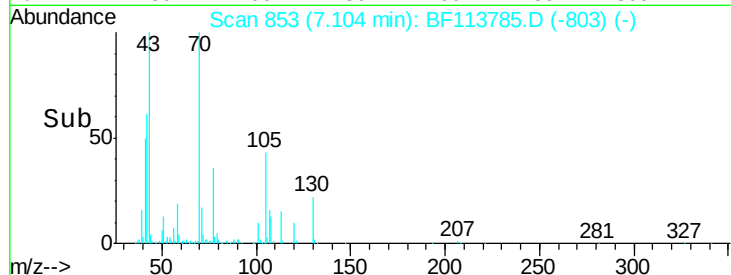
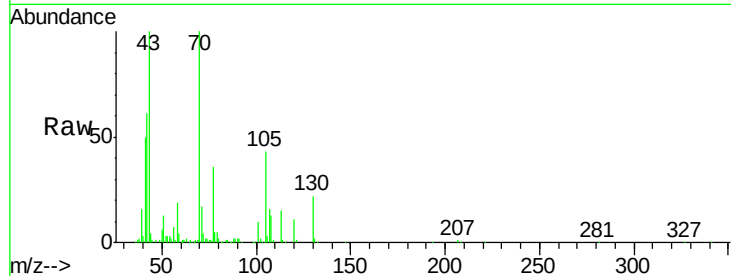
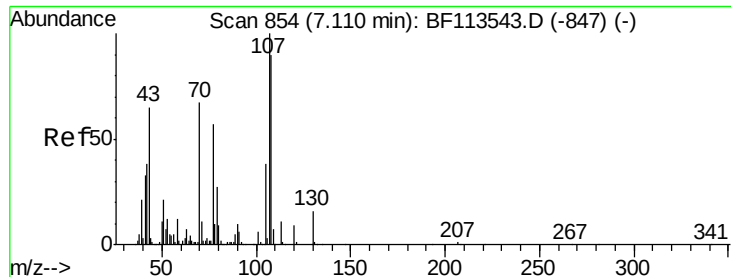
Sohil
4/17/2019 3:45:30 PM



#18
Hexachloroethane
Concen: 39.862 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

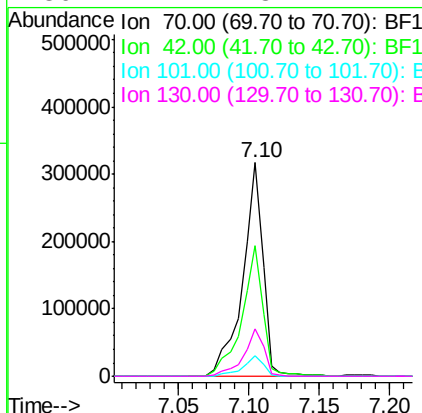
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	183304		
119	98.9	76.9	115.3	
201	108.8	78.7	118.1	





#19
n-Nitroso-di-n-propylamine
Concen: 41.725 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	318193		
42	61.3	48.4	72.6	
101	9.7	7.8	11.8	
130	22.2	18.2	27.4	



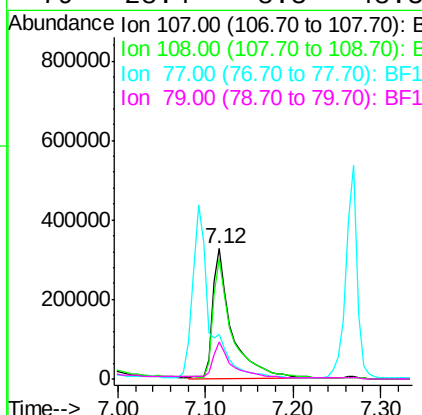
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

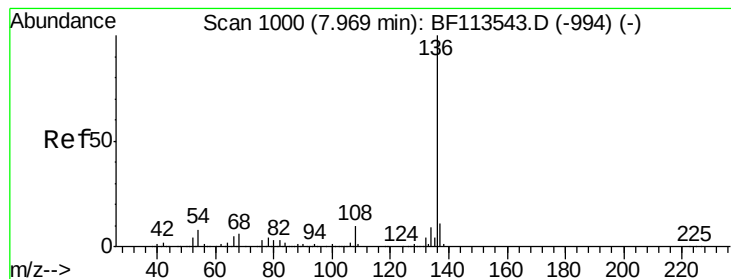
Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM

#20
3+4-Methylphenols
Concen: 45.164 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	492327		
108	92.4	71.4	111.4	
77	34.3	33.5	73.5	
79	28.4	8.3	48.3	





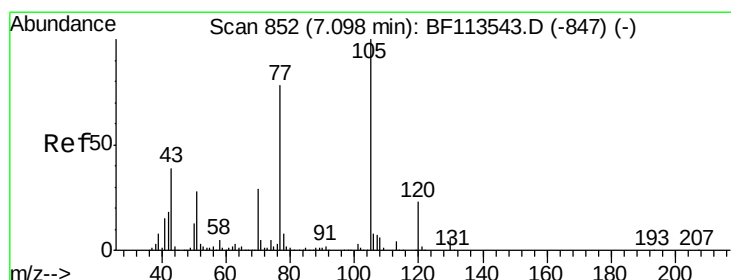
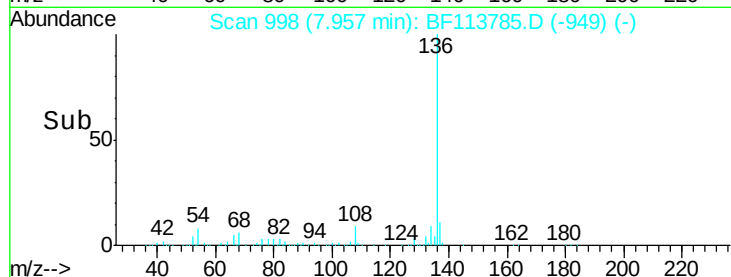
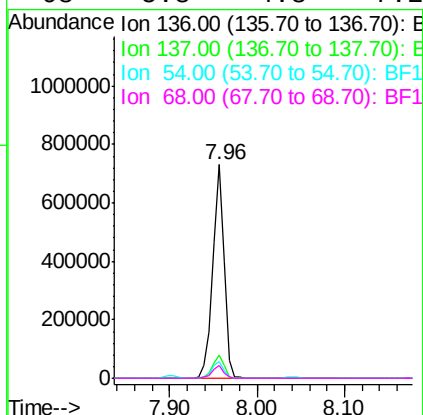
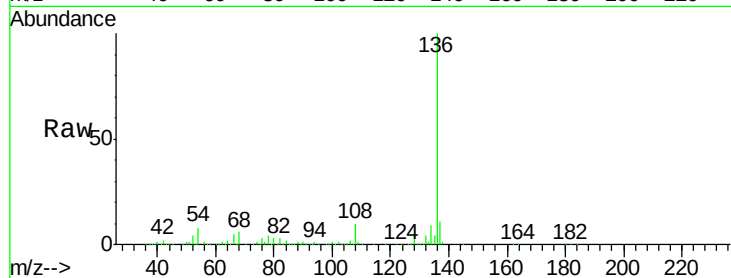
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	666170		
137	11.0	8.9	13.3	
54	8.0	7.0	10.6	
68	5.8	4.8	7.2	

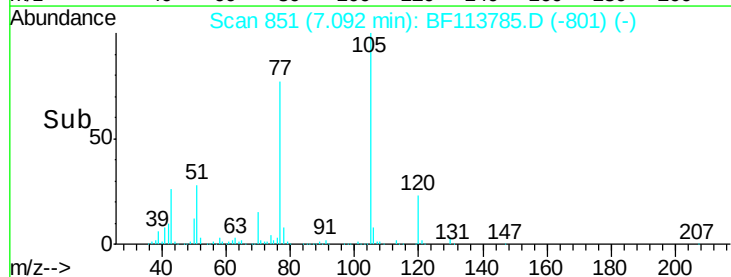
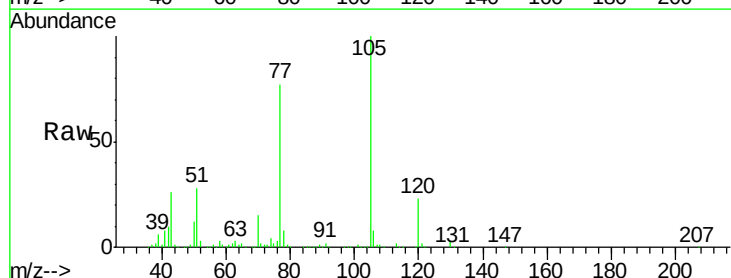
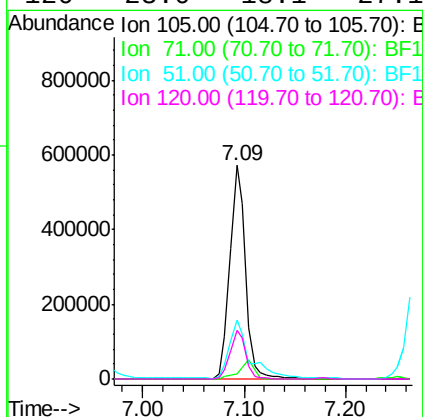
Manual Integrations
APPROVED

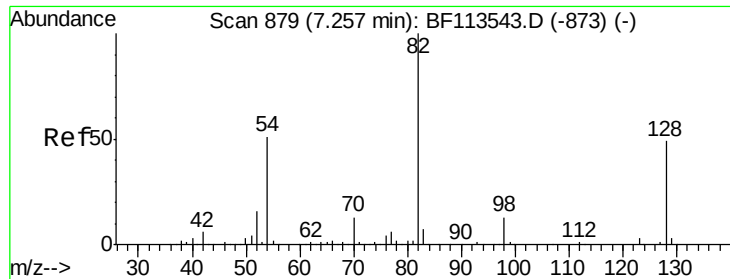
Sohil
4/17/2019 3:45:30 PM



#22
Acetophenone
Concen: 42.092 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	615853		
71	2.4	3.3	4.9#	
51	27.9	24.2	36.2	
120	23.0	18.1	27.1	





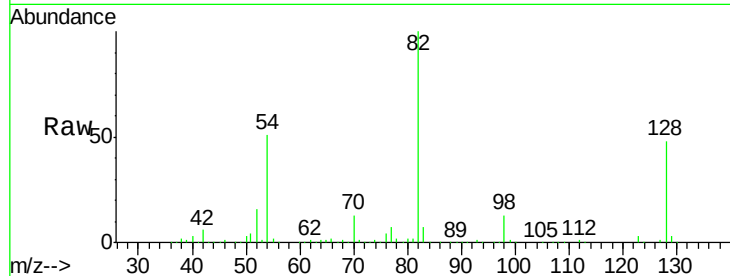
#23
 Nitrobenzene-d5
 Concen: 82.473 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

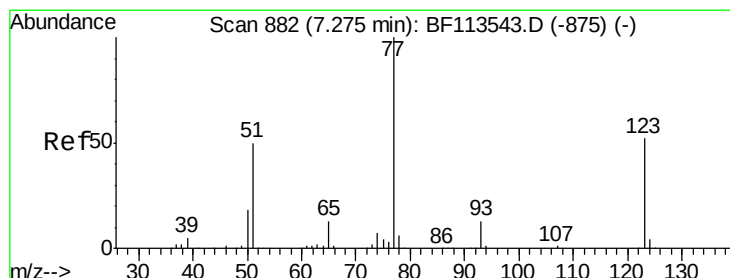
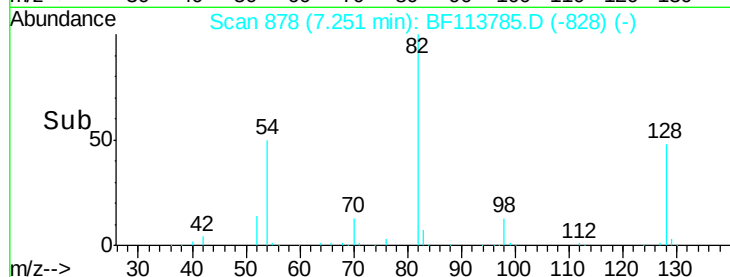
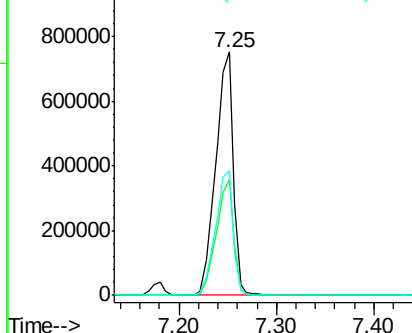
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	937960		
128	47.7	36.5	54.7	
54	51.2	42.2	63.2	

Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:45:30 PM

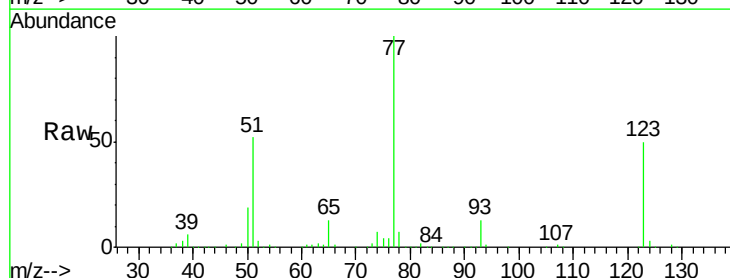


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

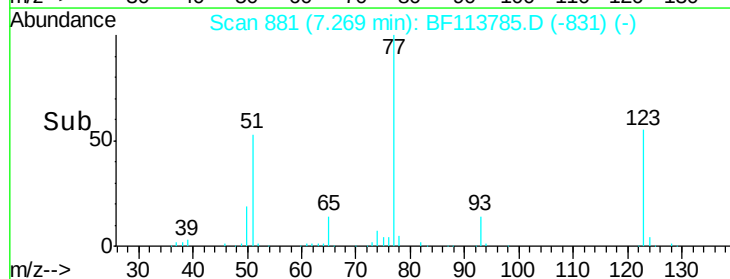
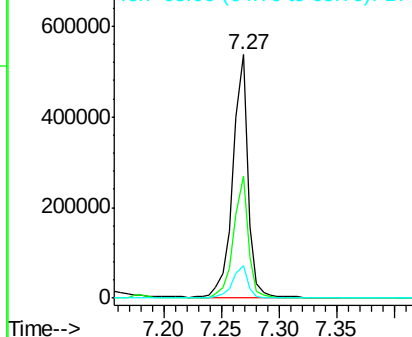


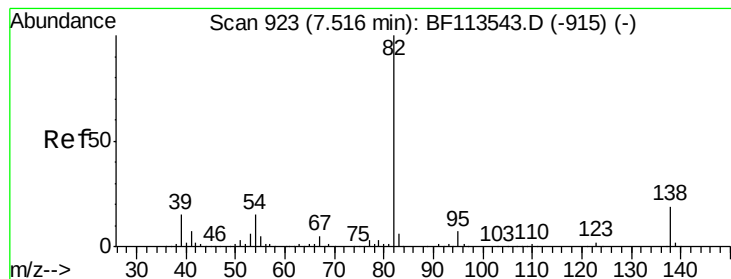
#24
 Nitrobenzene
 Concen: 41.710 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	488520		
123	50.1	40.8	61.2	
65	13.5	10.6	16.0	



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





#25

Isophorone

Concen: 39.921 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 874602

Ion Ratio Lower Upper

82 100

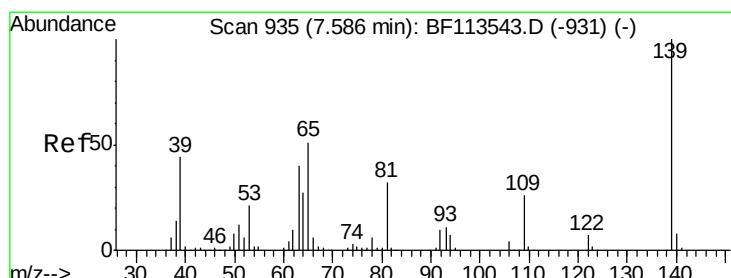
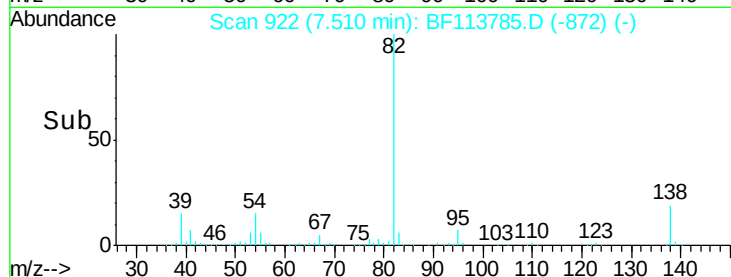
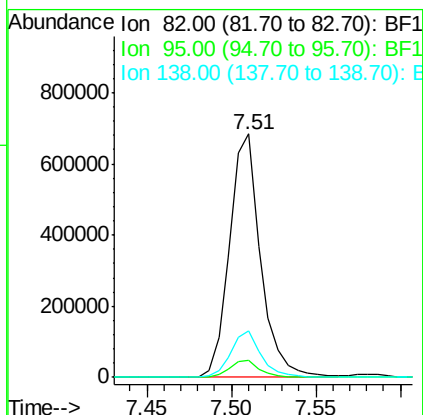
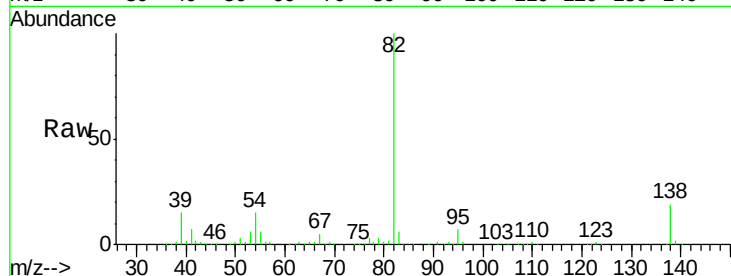
95 6.8 5.5 8.3

138 18.9 15.2 22.8

Manual Integrations
APPROVED

Sohil

4/17/2019 3:45:30 PM



#26

2-Nitrophenol

Concen: 42.725 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

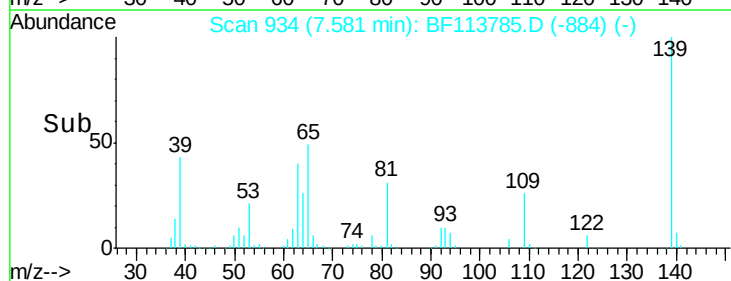
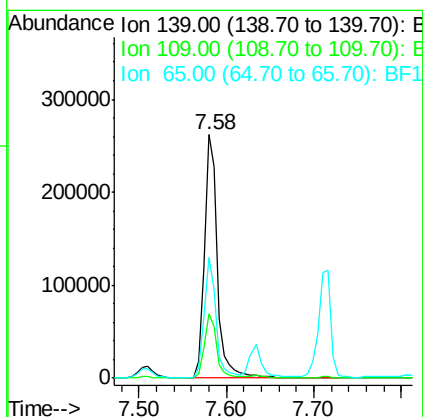
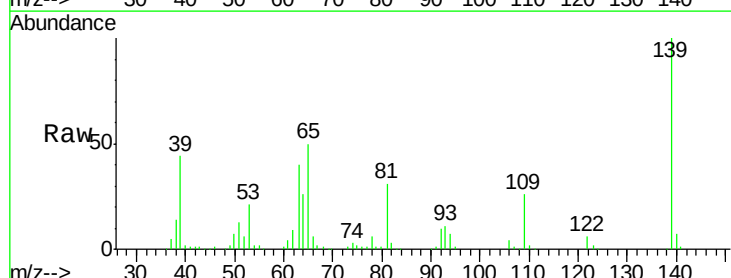
Tgt Ion: 139 Resp: 269319

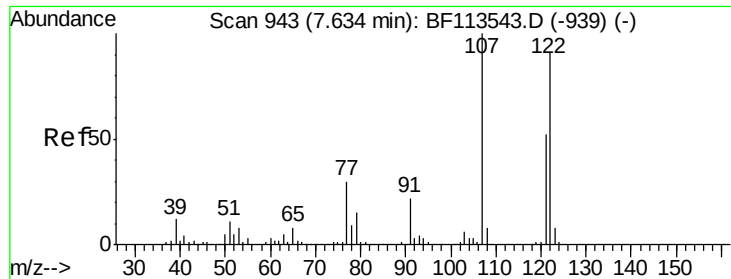
Ion Ratio Lower Upper

139 100

109 26.4 21.7 32.5

65 49.7 41.6 62.4





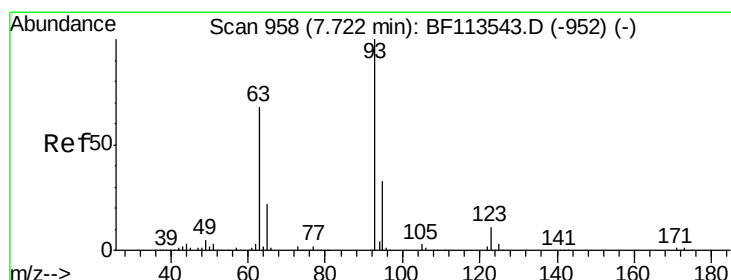
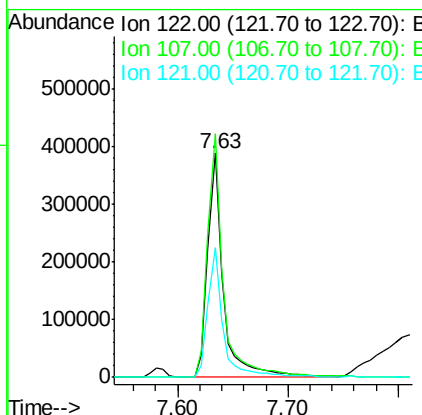
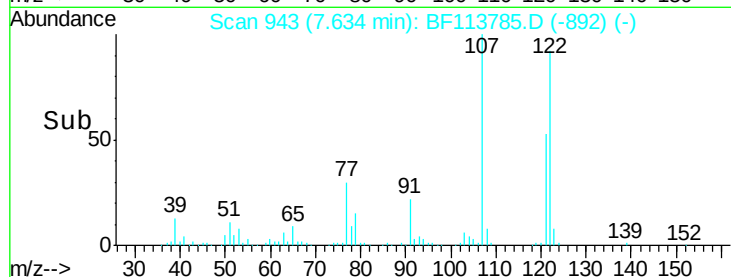
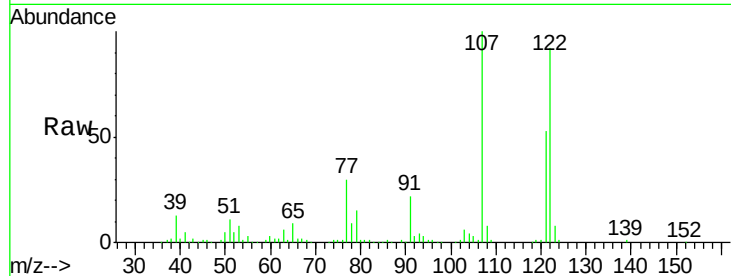
#27
 2,4-Dimethylphenol
 Concen: 41.347 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	372607		
107	108.6	88.8	133.2	
121	58.0	45.5	68.3	

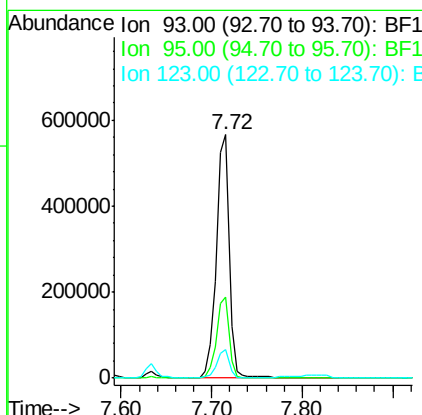
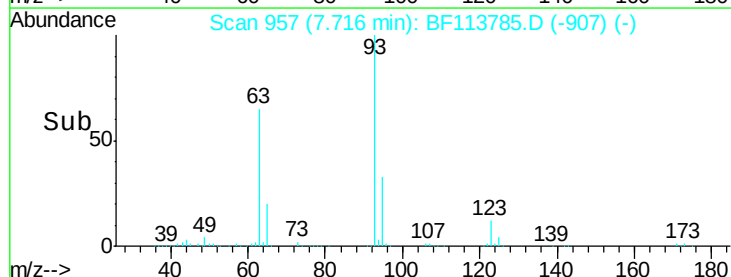
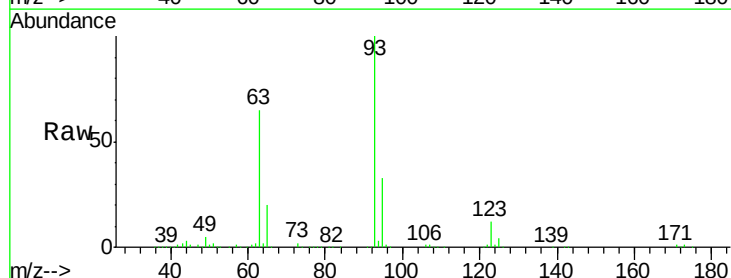
Manual Integrations
 APPROVED

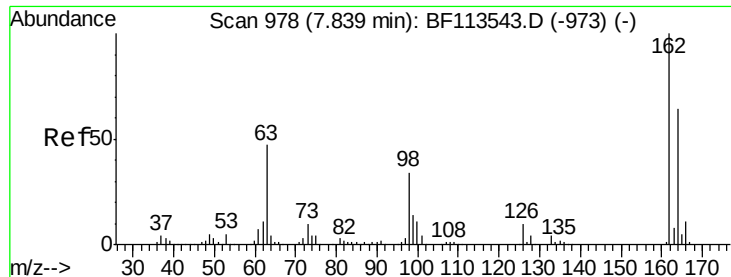
Sohil
 4/17/2019 3:45:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.180 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	556531		
95	33.3	26.0	39.0	
123	11.8	9.1	13.7	





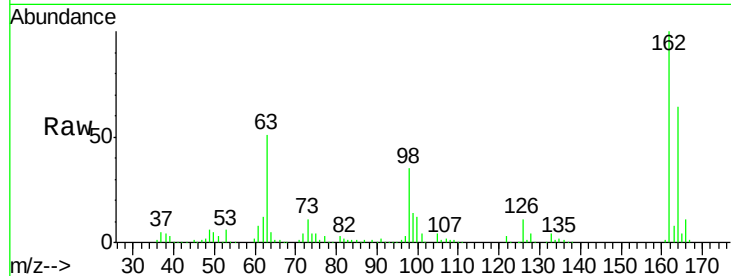
#29
 2,4-Dichlorophenol
 Concen: 42.524 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

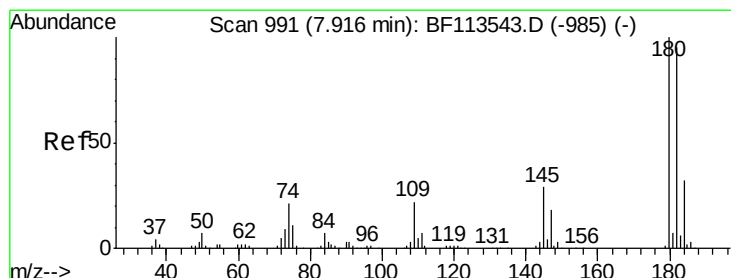
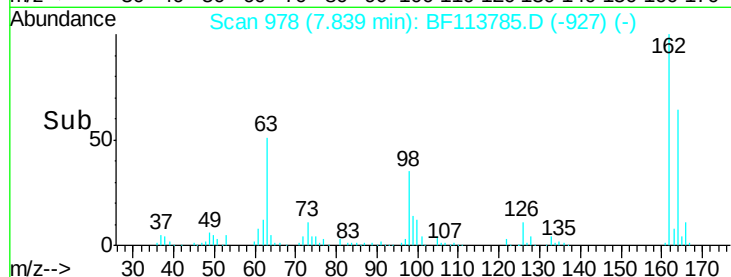
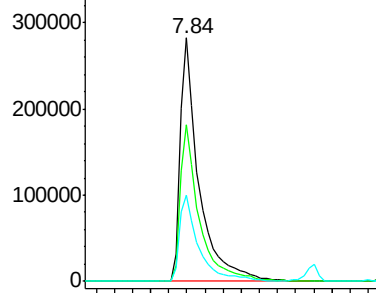
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	410007		
164	64.3		44.6	84.6
98	35.3		15.6	55.6

Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:45:30 PM

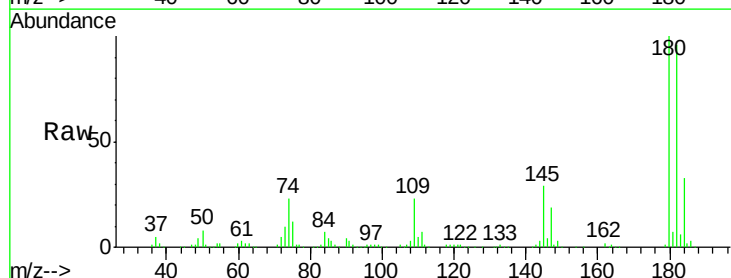


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

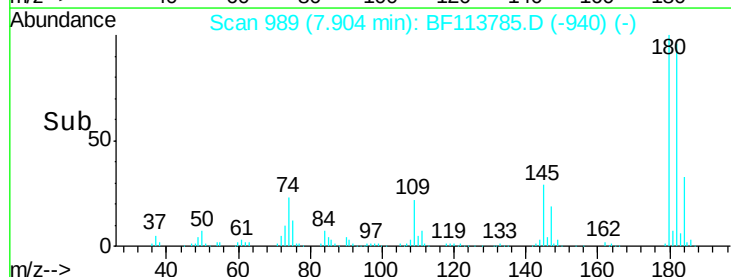
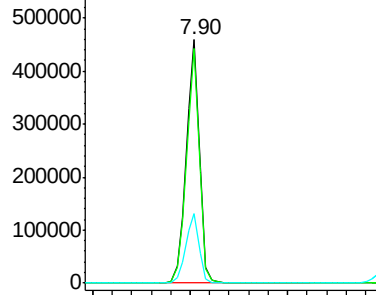


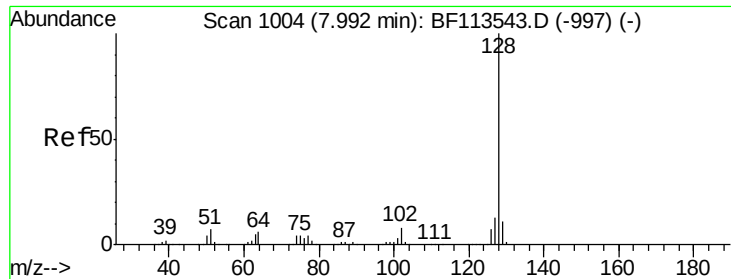
#30
 1,2,4-Trichlorobenzene
 Concen: 40.895 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	428201		
182	96.2		74.6	111.8
145	28.7		23.4	35.0



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





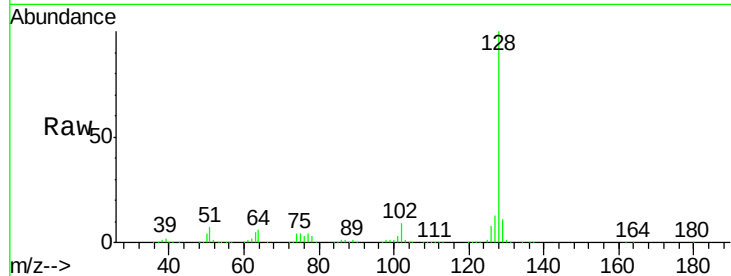
#31
Naphthalene
Concen: 40.668 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

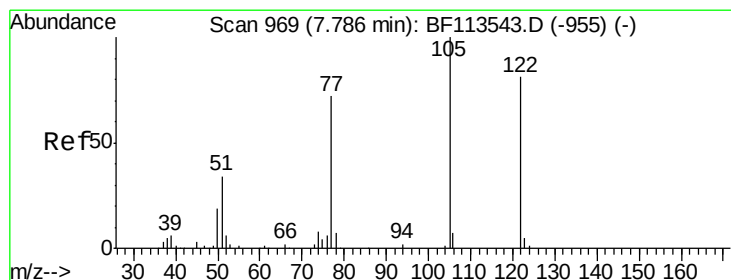
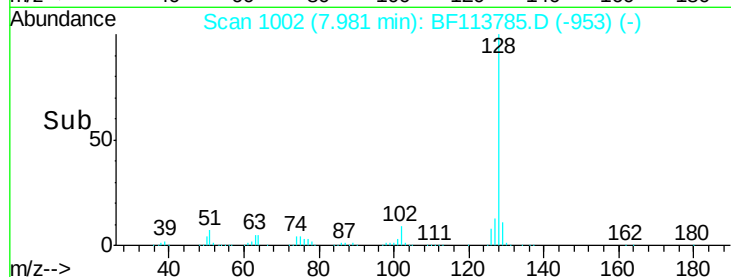
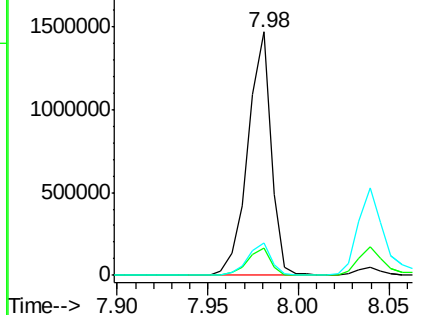
Tgt Ion:128 Resp: 1312674
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.9 16.3

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM

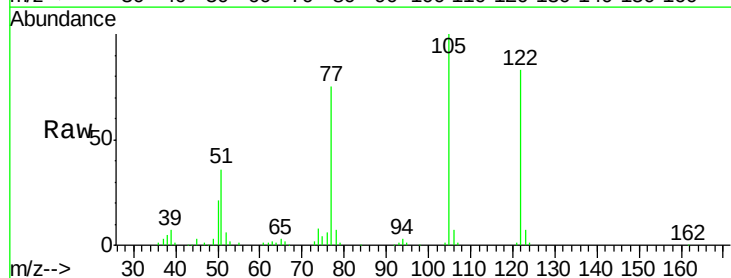


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

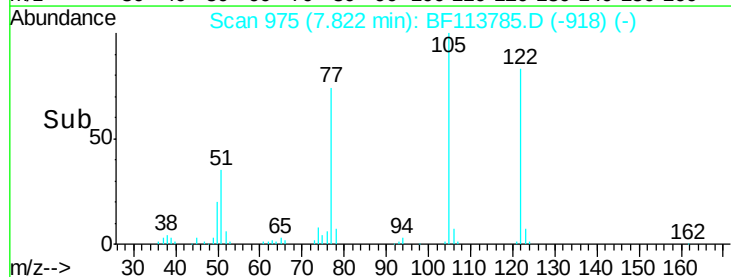
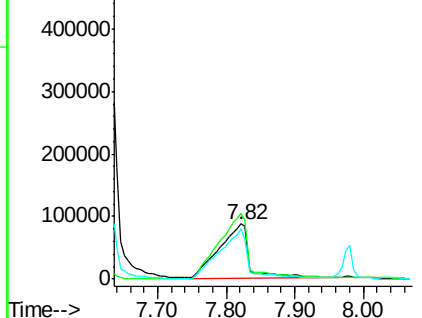


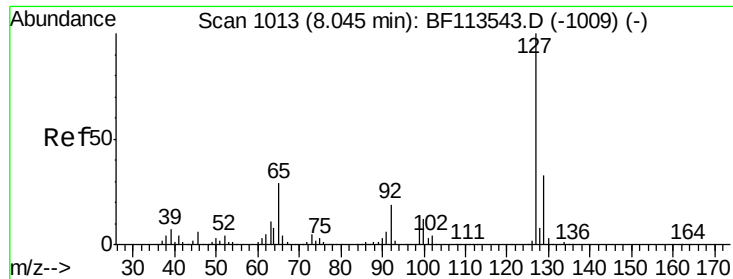
#32
Benzoic acid
Concen: 38.168 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.04 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion:122 Resp: 266342
Ion Ratio Lower Upper
122 100
105 120.6 100.4 140.4
77 90.8 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
500000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





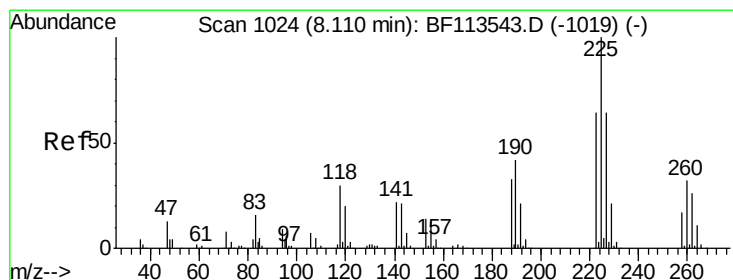
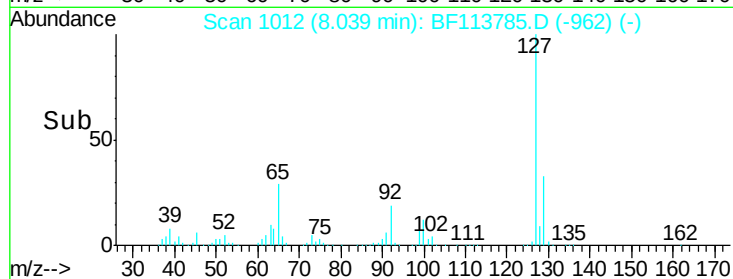
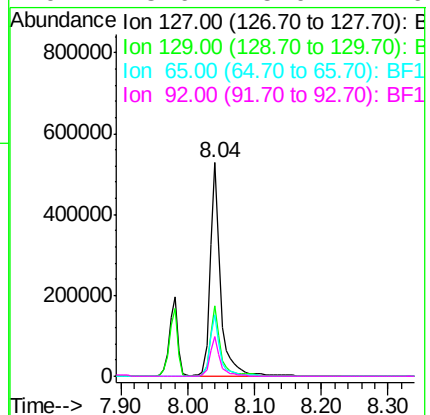
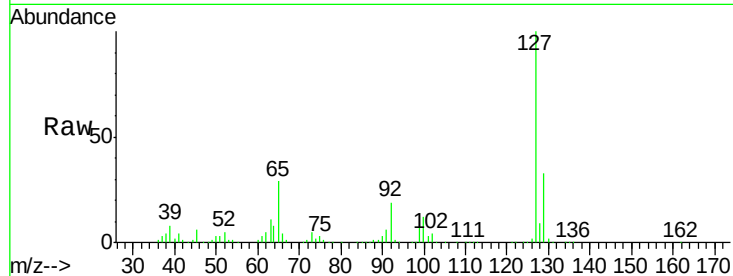
#33
4-Chloroaniline
Concen: 44.694 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.3	39.5	
65	29.0	24.2	36.4	
92	18.6	15.0	22.6	

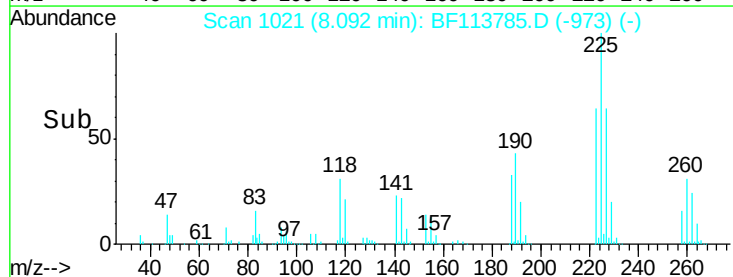
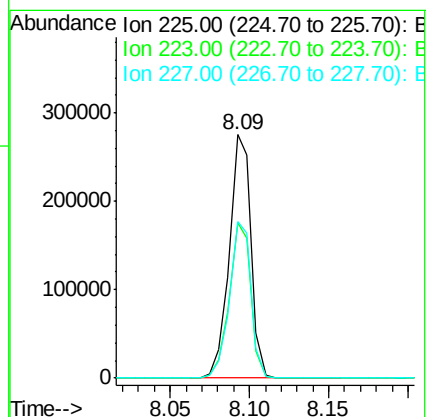
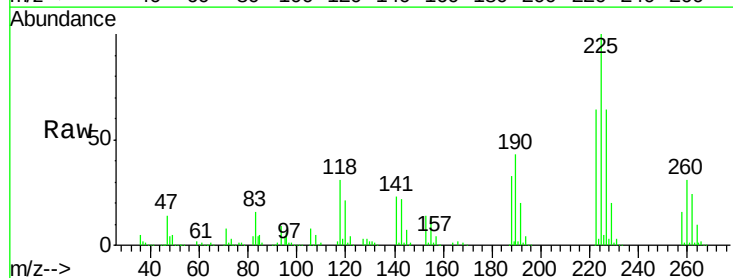
Manual Integrations
APPROVED

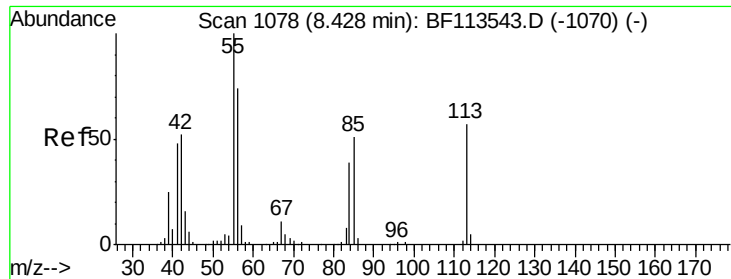
Sohil
4/17/2019 3:45:30 PM



#34
Hexachlorobutadiene
Concen: 40.755 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	51.4	77.2	
227	64.1	51.1	76.7	





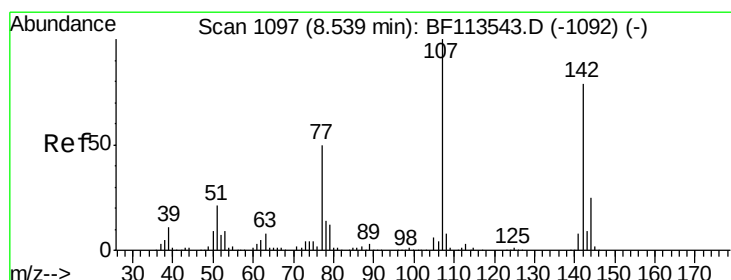
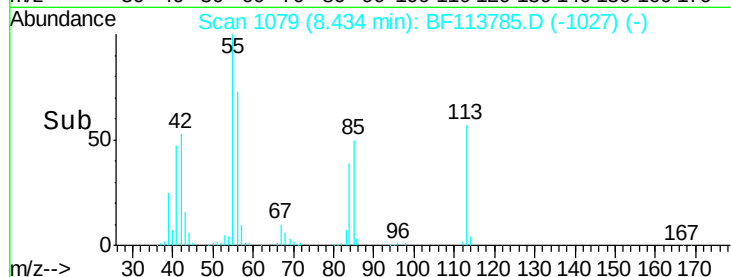
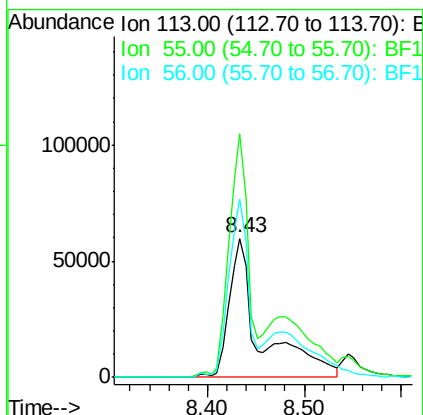
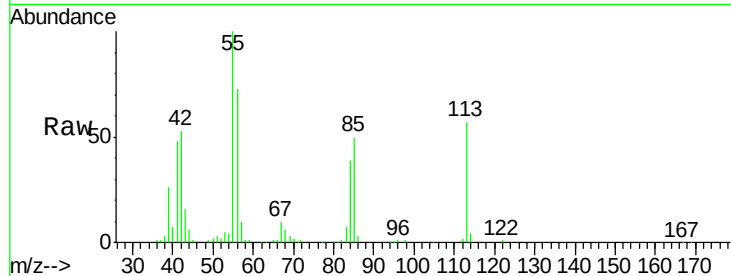
#35
 Caprolactam
 Concen: 43.454 ng m
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion:113 Resp: 132998
 Ion Ratio Lower Upper
 113 100
 55 175.2 152.7 192.7
 56 128.0 108.3 148.3

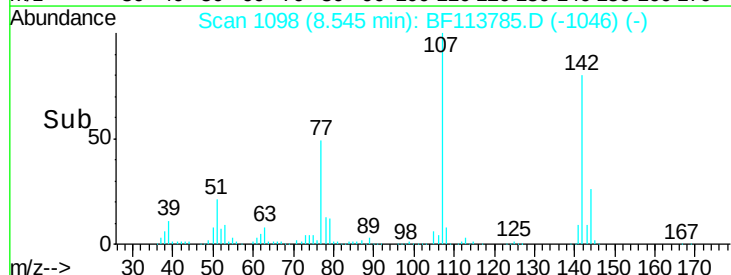
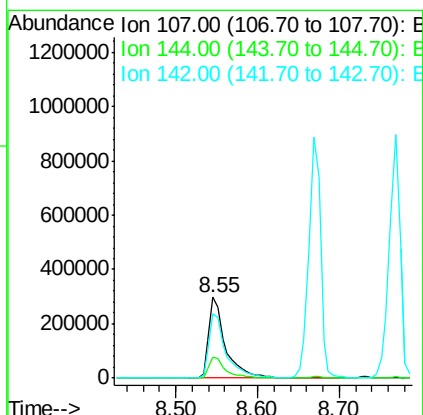
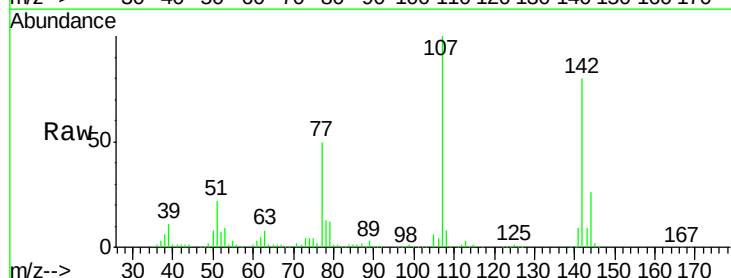
Manual Integrations
 APPROVED

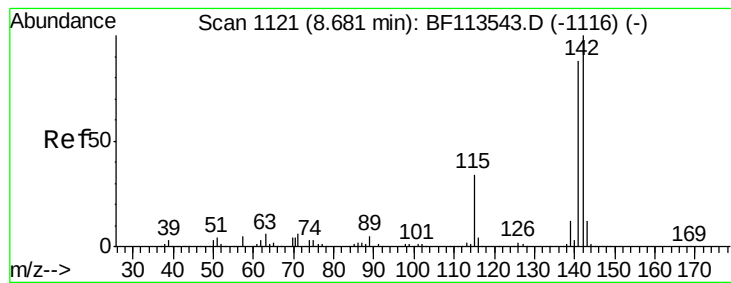
Sohil
 4/17/2019 3:45:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.359 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion:107 Resp: 419672
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.4 32.0
 142 80.3 65.6 98.4





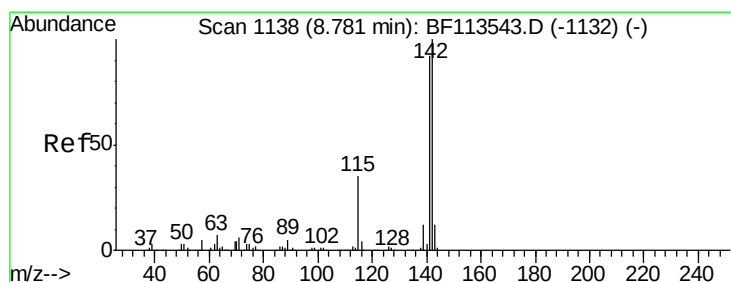
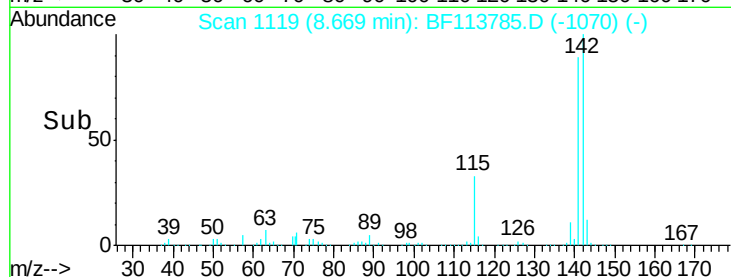
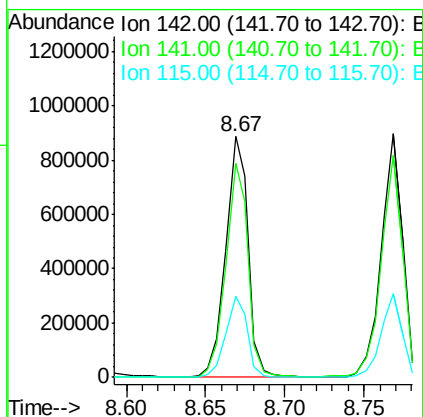
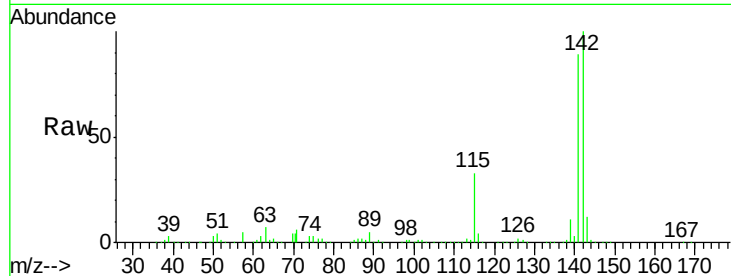
#37
2-Methylnaphthalene
Concen: 40.908 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	33.5	26.6	39.8

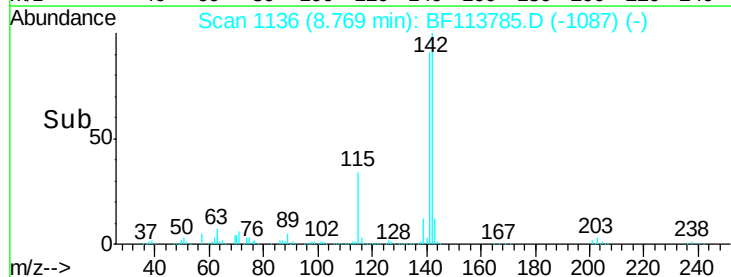
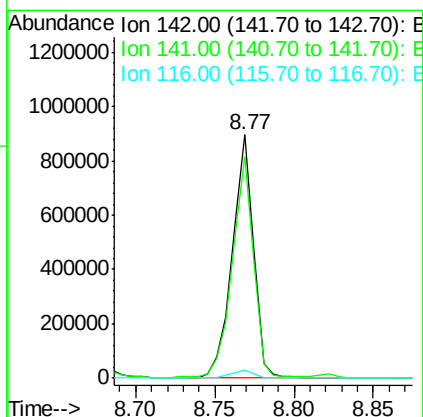
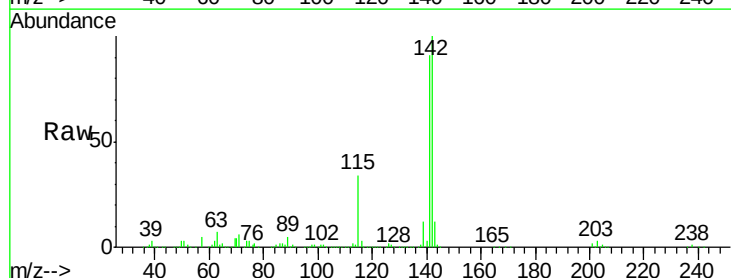
Manual Integrations
APPROVED

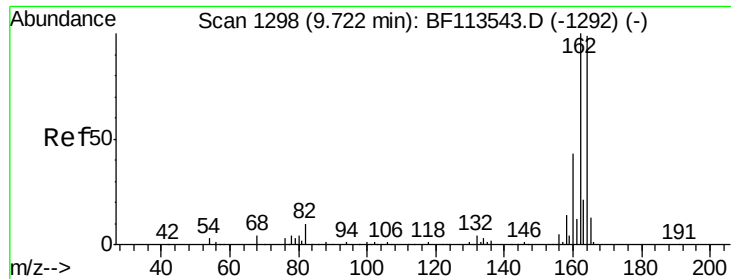
Sohil
4/17/2019 3:45:30 PM



#38
1-Methylnaphthalene
Concen: 40.621 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
116	3.5	3.0	4.4





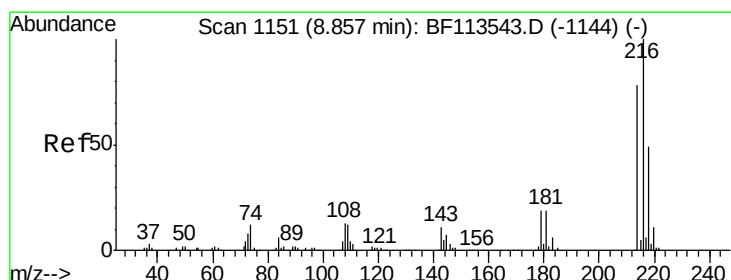
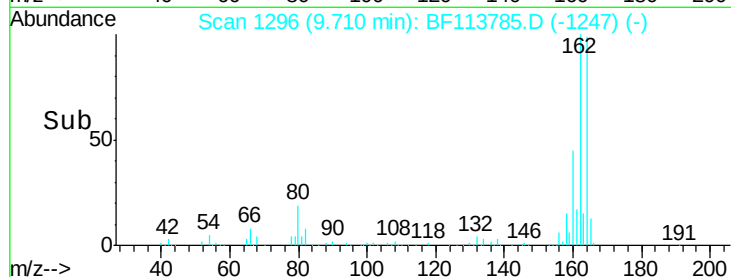
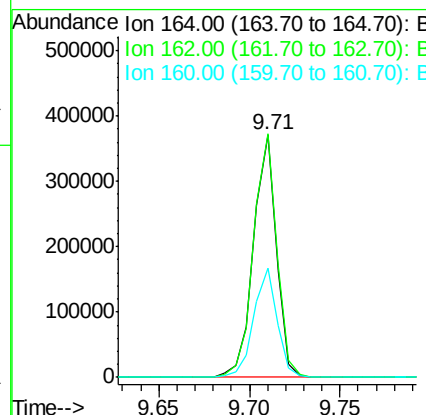
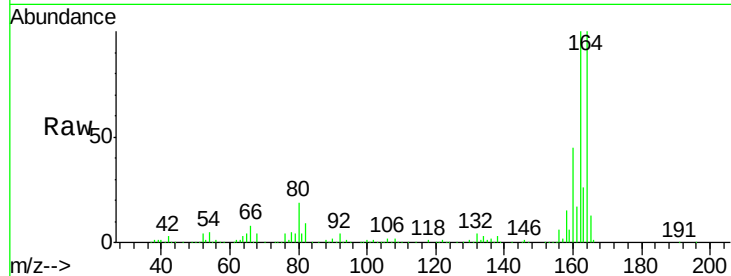
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	325895		
162	100.2	81.8	122.6	
160	44.7	36.4	54.6	

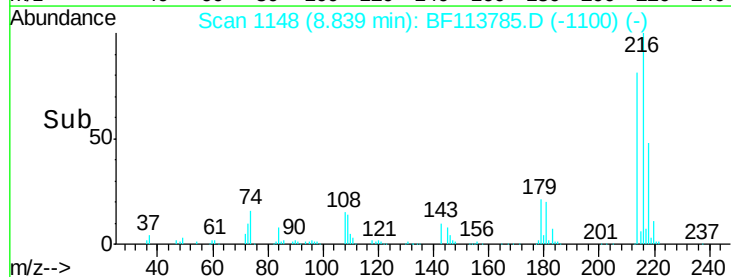
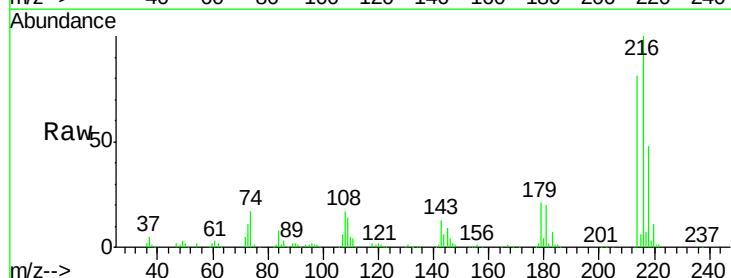
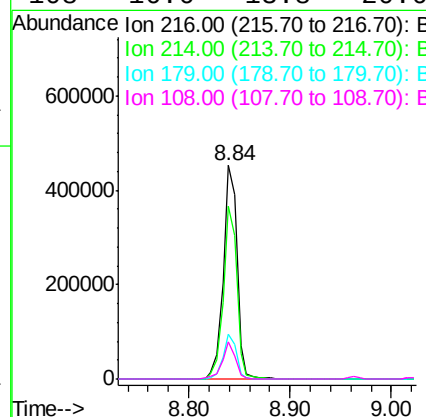
Manual Integrations
 APPROVED

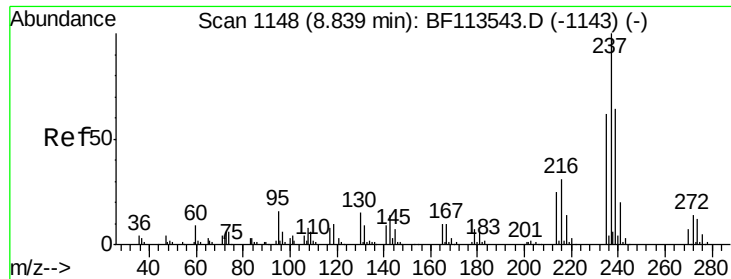
Sohil
 4/17/2019 3:45:30 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.746 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	429452		
214	79.4	63.0	94.6	
179	20.2	16.8	25.2	
108	16.6	13.8	20.6	





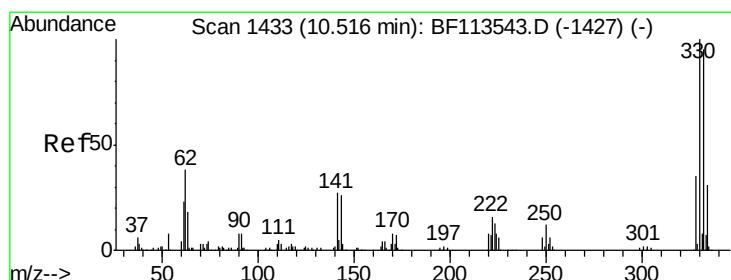
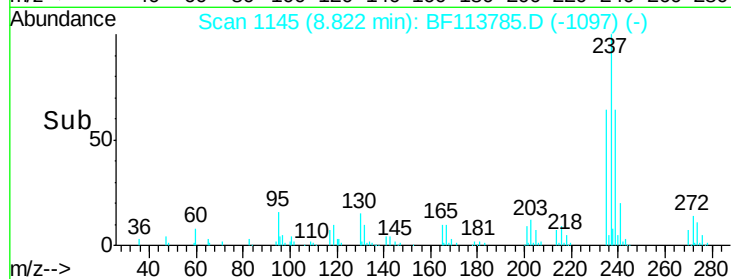
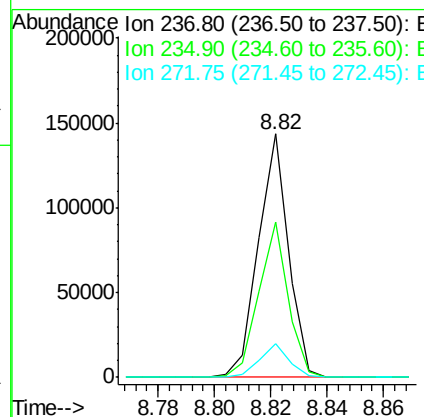
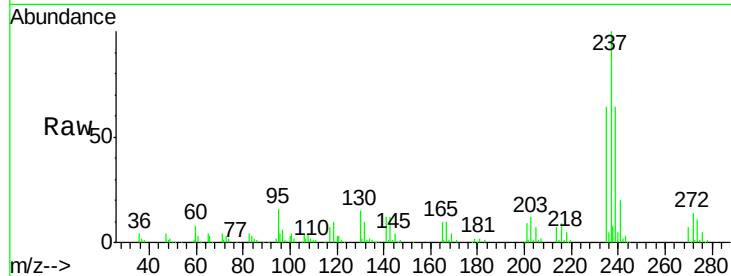
#41
Hexachlorocyclopentadiene
Concen: 37.346 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.9	43.4	83.4
272	14.0	0.0	33.7

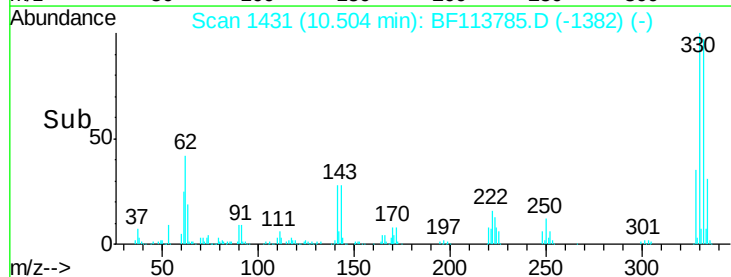
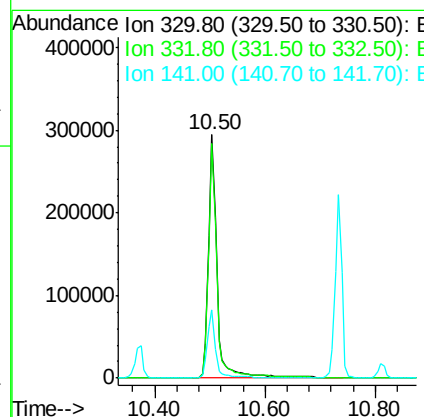
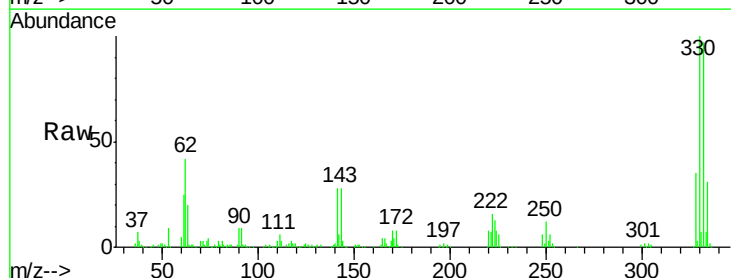
Manual Integrations
APPROVED

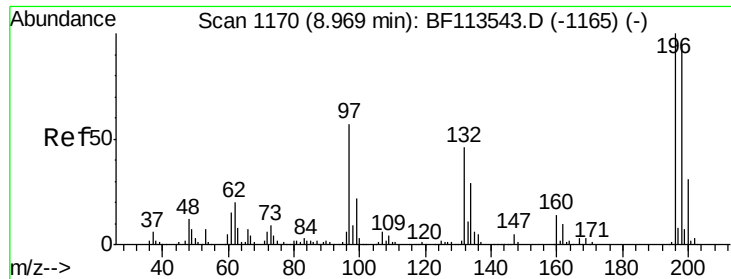
Sohil
4/17/2019 3:45:30 PM



#42
2,4,6-Tribromophenol
Concen: 81.317 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.0	77.8	116.6
141	26.2	22.7	34.1





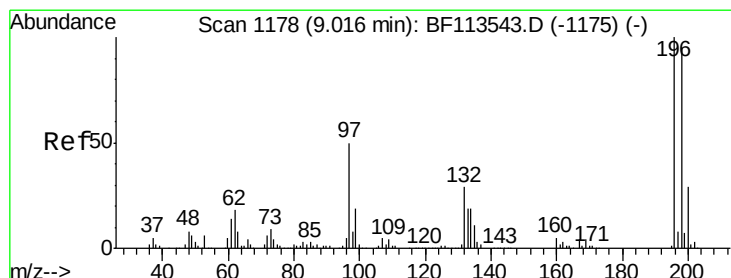
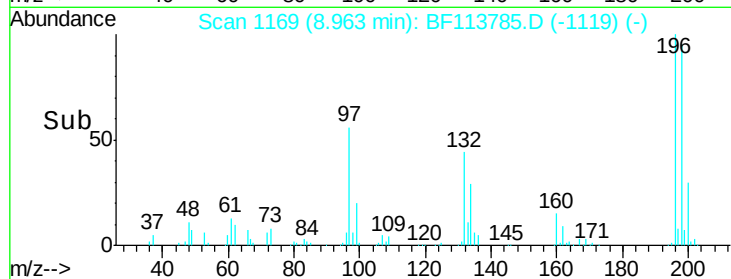
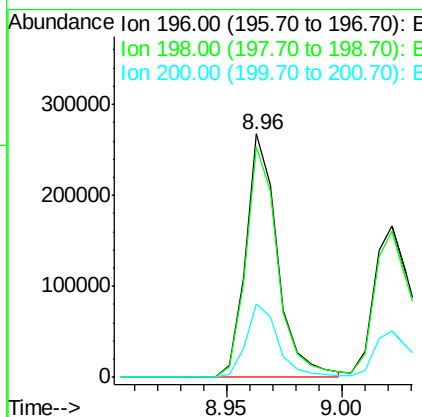
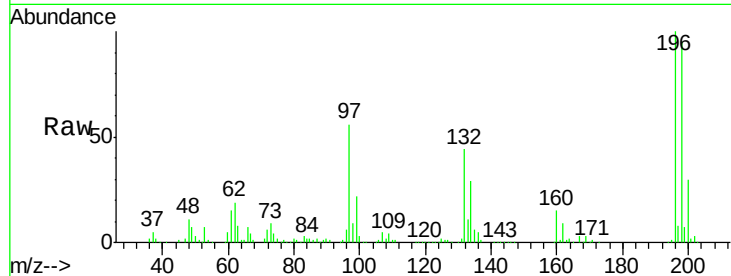
#43
 2,4,6-Trichlorophenol
 Concen: 38.841 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	258410
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.7	116.5
200	30.2	24.9	37.3

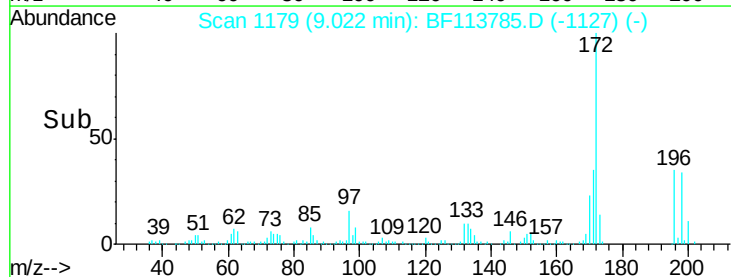
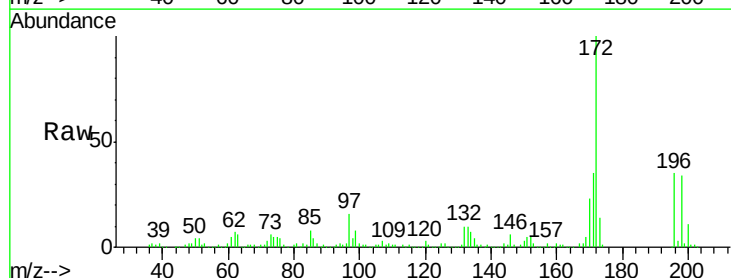
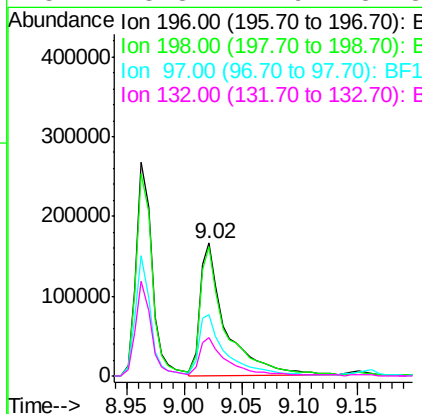
Manual Integrations
 APPROVED

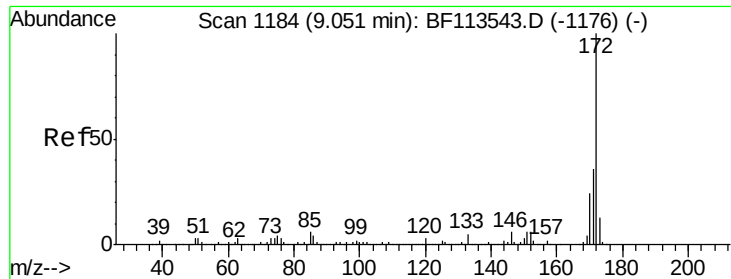
Sohil
 4/17/2019 3:45:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 35.800 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion:	196	Resp:	255700
Ion Ratio	Lower	Upper	
196	100		
198	97.2	75.4	113.2
97	46.0	38.6	58.0
132	28.8	22.9	34.3





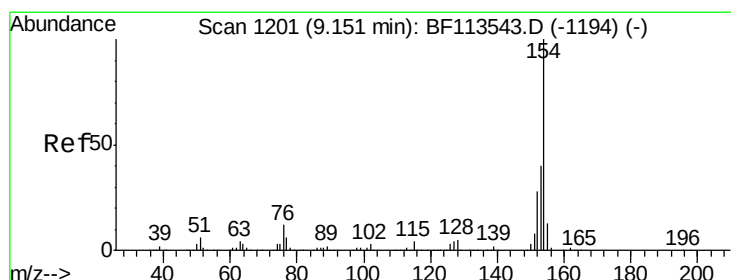
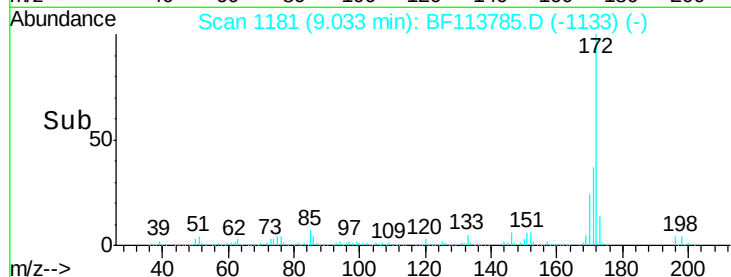
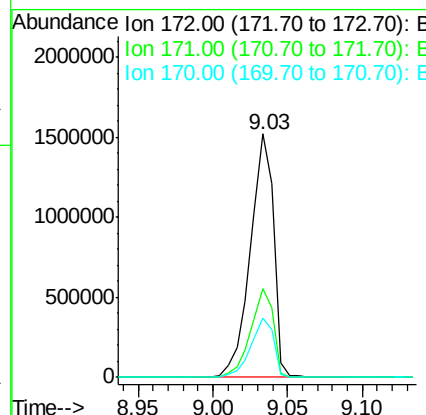
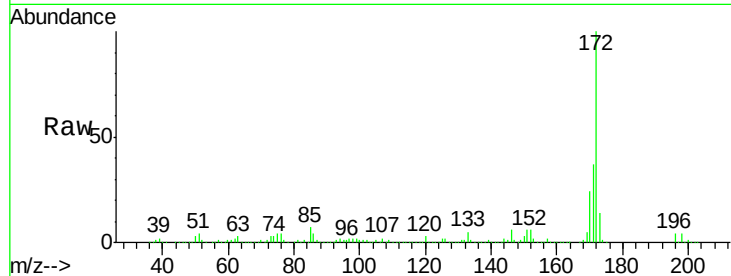
#45
2-Fluorobiphenyl
Concen: 80.528 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.5	19.5	29.3

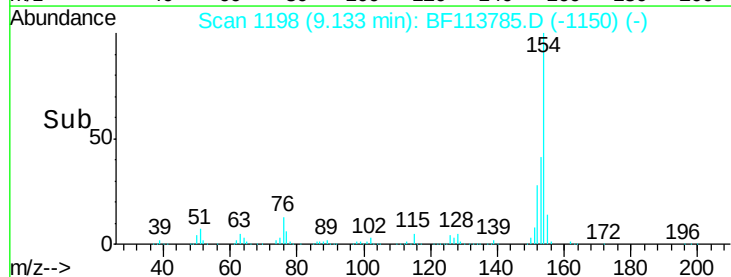
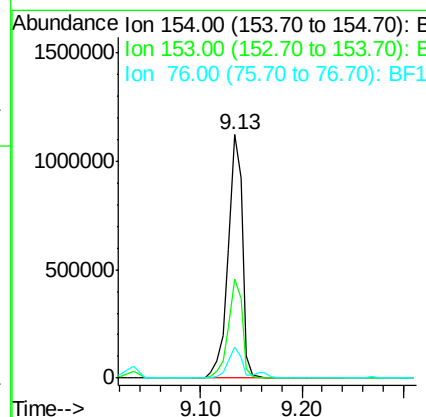
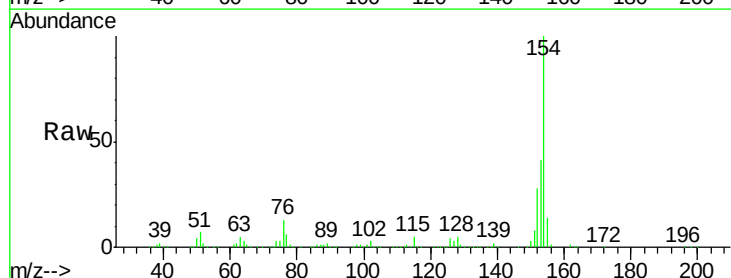
Manual Integrations
APPROVED

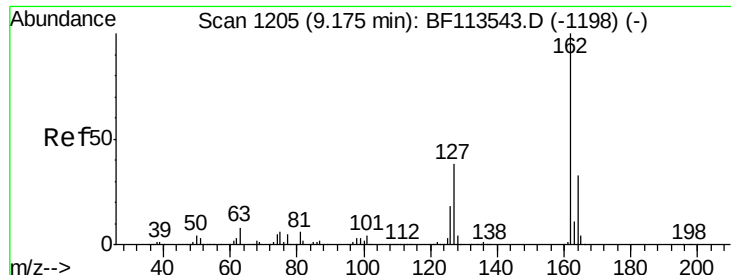
Sohil
4/17/2019 3:45:30 PM



#46
1,1'-Biphenyl
Concen: 40.531 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	12.7	0.0	31.9





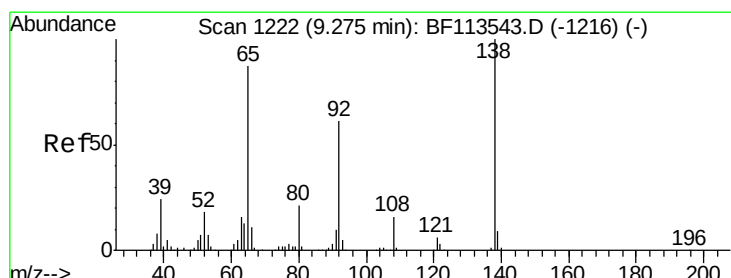
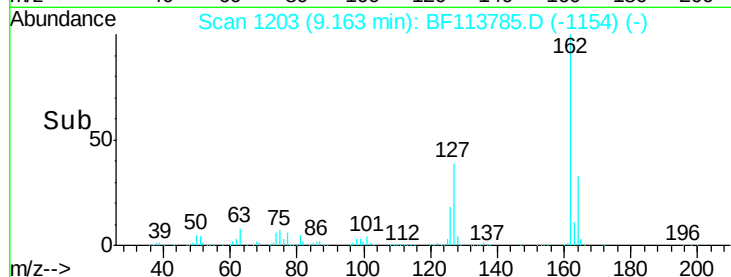
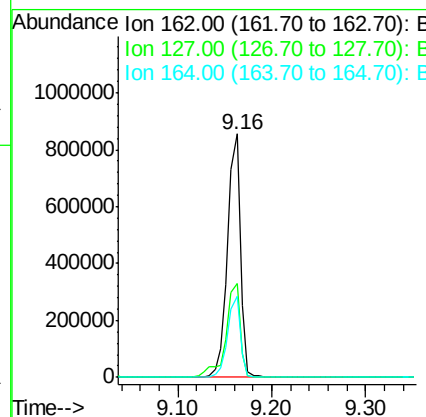
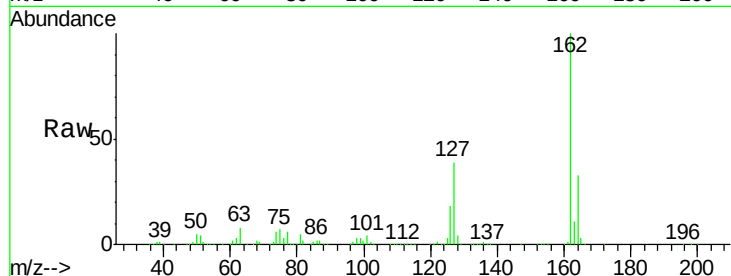
#47
 2-Chloronaphthalene
 Concen: 40.619 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	827047		
127	38.8	32.6	49.0	
164	33.3	26.6	39.8	

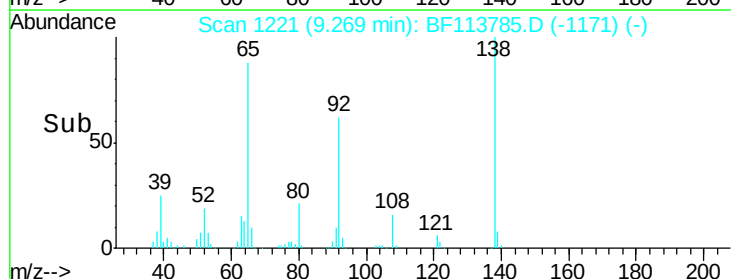
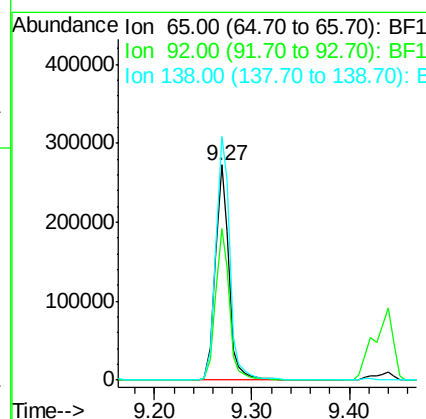
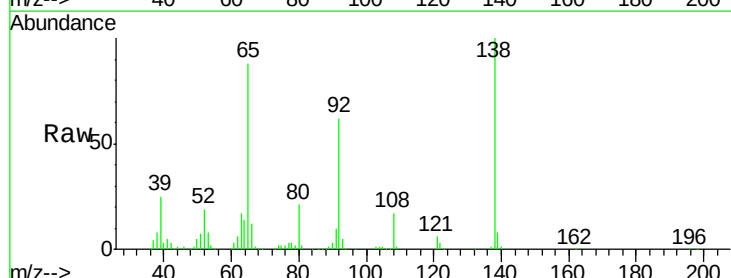
Manual Integrations
 APPROVED

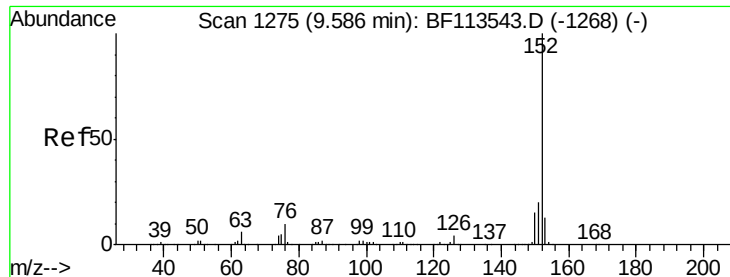
Sohil
 4/17/2019 3:45:30 PM



#48
 2-Nitroaniline
 Concen: 42.312 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	263620		
92	70.6	56.8	85.2	
138	113.1	92.3	138.5	





#49

Acenaphthylene

Concen: 38.933 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1289071

Ion Ratio Lower Upper

152 100

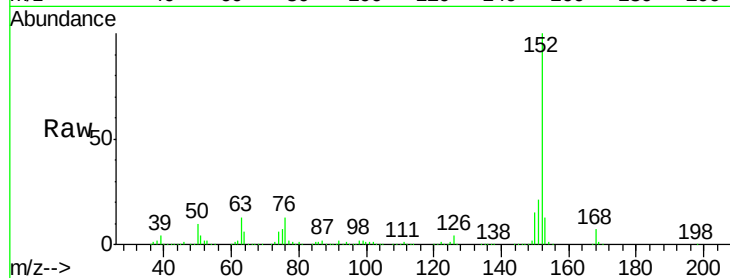
151 20.7 16.2 24.4

153 13.3 11.0 16.6

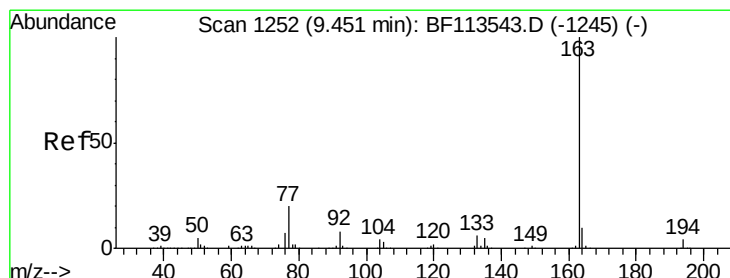
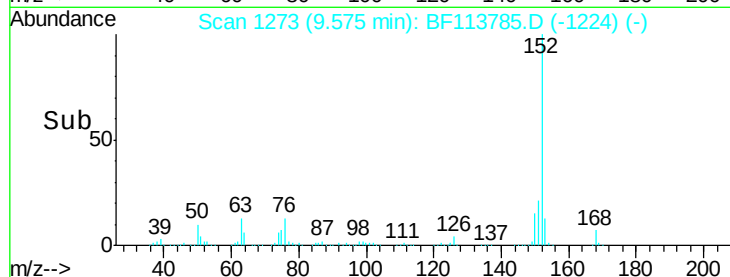
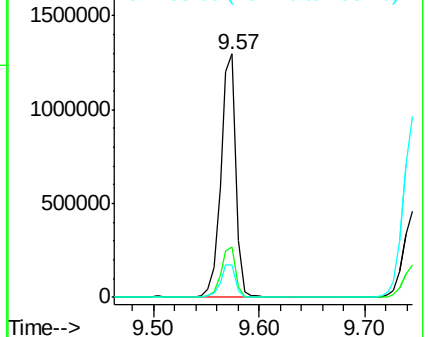
Manual Integrations
APPROVED

Sohil

4/17/2019 3:45:30 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: 38.603 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

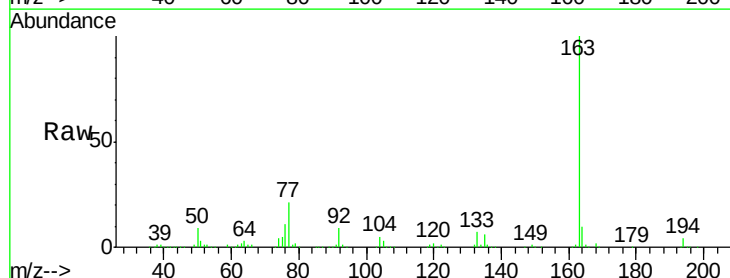
Tgt Ion:163 Resp: 927364

Ion Ratio Lower Upper

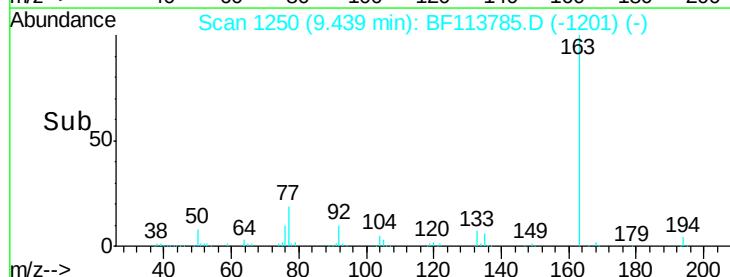
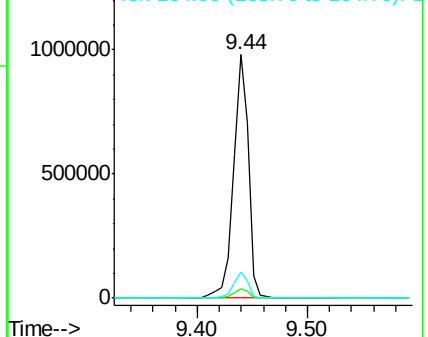
163 100

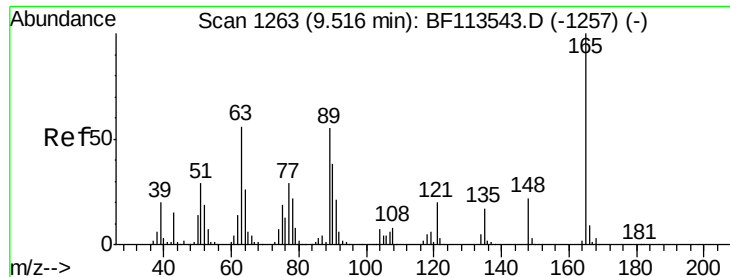
194 3.9 3.0 4.6

164 10.4 8.1 12.1



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: 40.574 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 214854
Ion Ratio Lower Upper

165 100

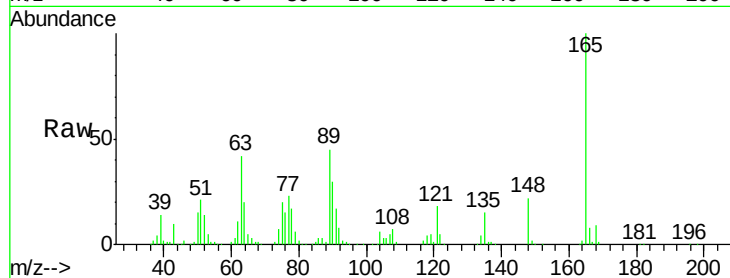
63 42.3 43.4 65.0#

89 45.2 43.1 64.7

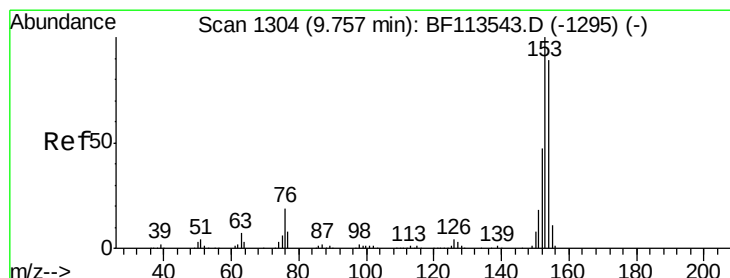
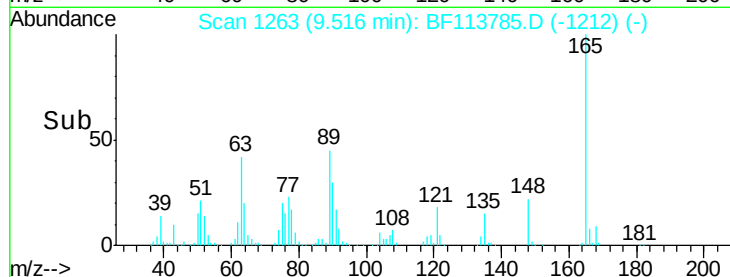
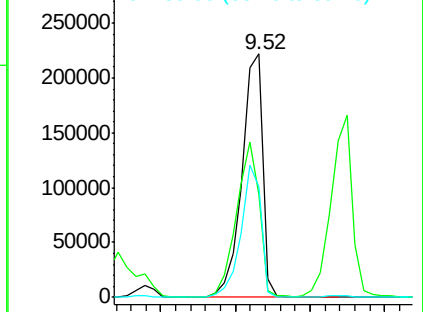
Manual Integrations
APPROVED

Sohil

4/17/2019 3:45:30 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



#52

Acenaphthene

Concen: 40.182 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF113785.D

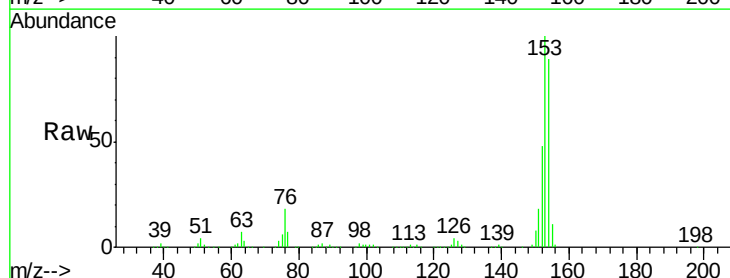
Acq: 16 Apr 2019 11:01

Tgt Ion:154 Resp: 761574
Ion Ratio Lower Upper

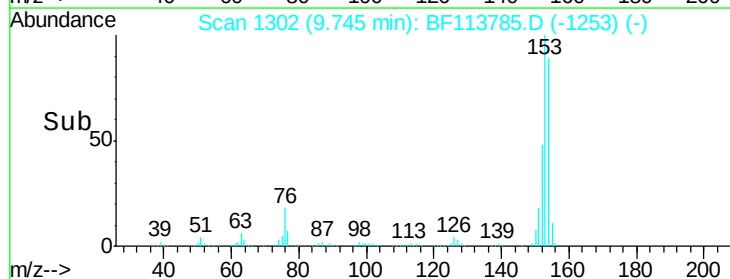
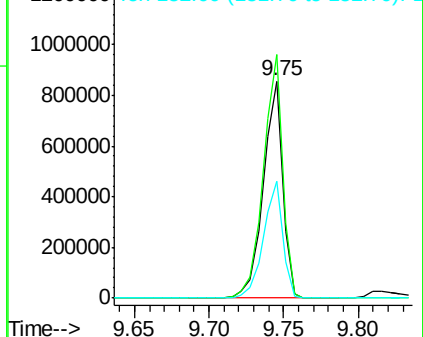
154 100

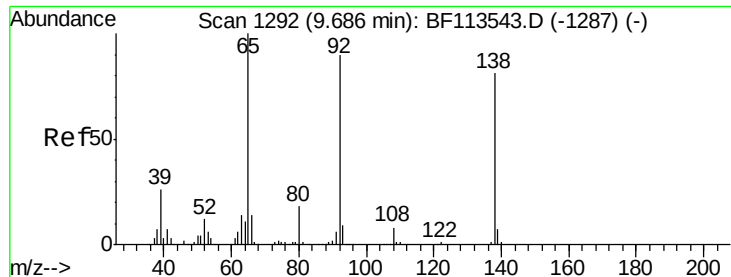
153 112.2 89.5 134.3

152 53.6 43.3 64.9



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





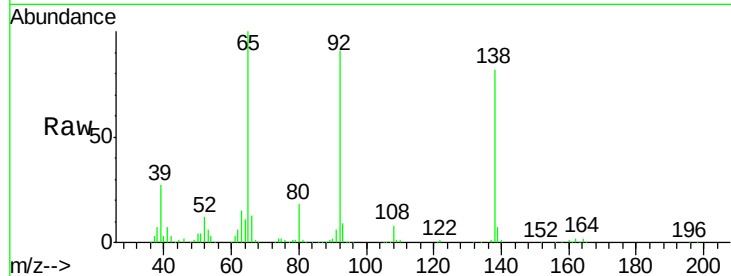
#53
3-Nitroaniline
Concen: 42.436 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

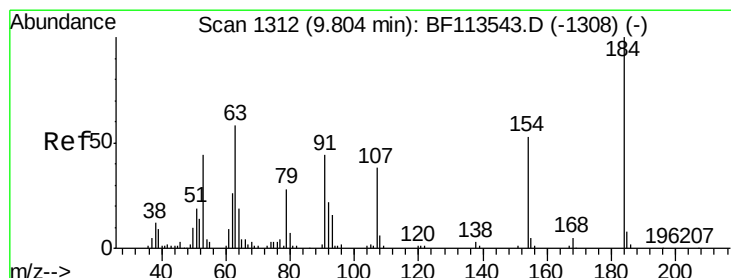
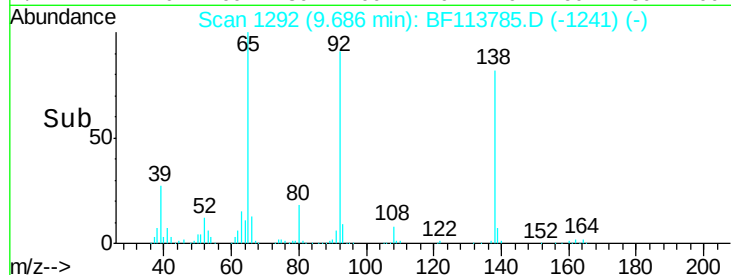
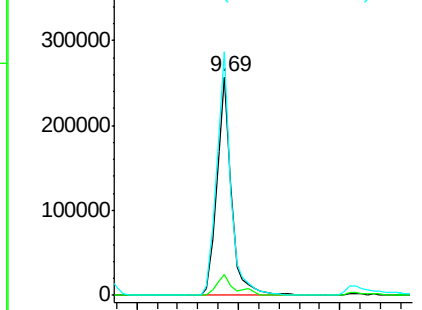
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	255485		
108	9.3	7.8	11.6	
92	111.4	82.6	124.0	

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM

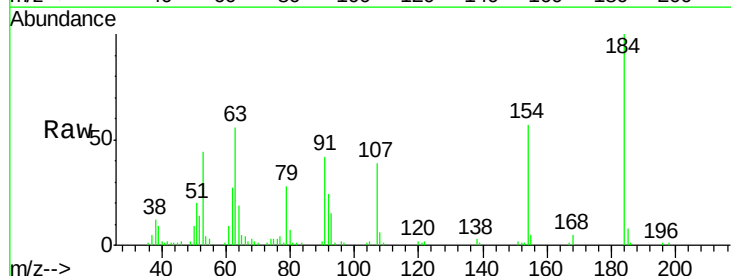


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

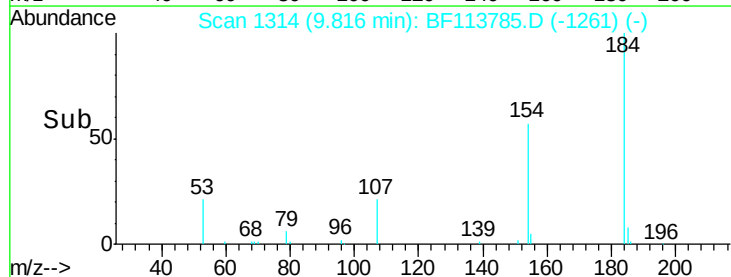
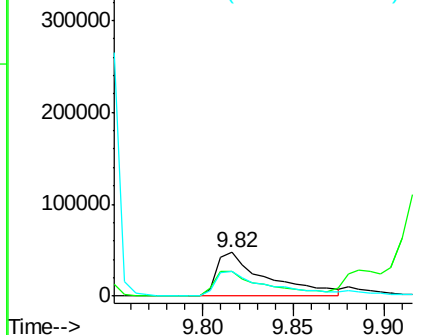


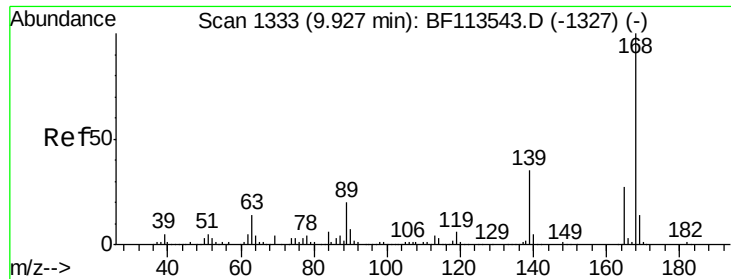
#54
2,4-Dinitrophenol
Concen: 36.814 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	91203		
63	56.2	54.3	81.5	
154	56.8	48.4	72.6	



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





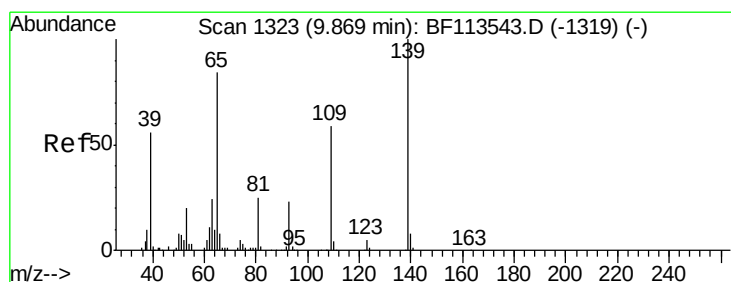
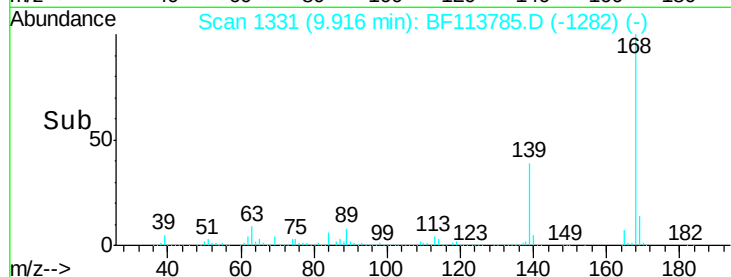
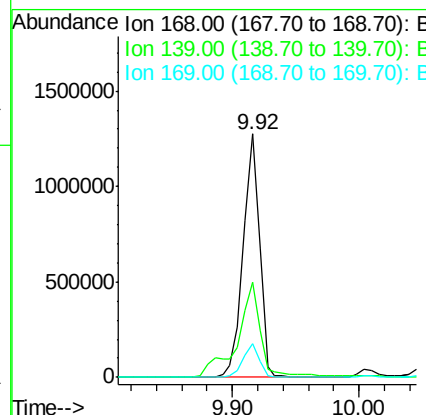
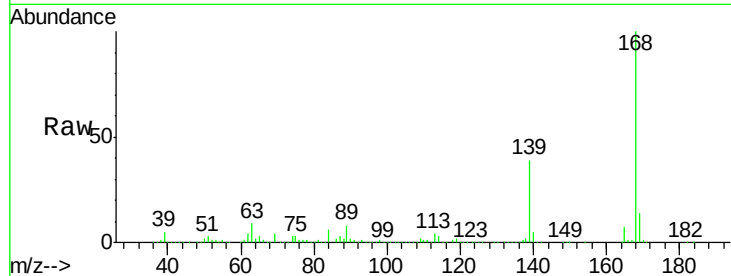
#55
Dibenzenofuran
Concen: 40.524 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1126635
Ion Ratio Lower Upper
168 100
139 38.9 29.7 44.5
169 14.0 10.7 16.1

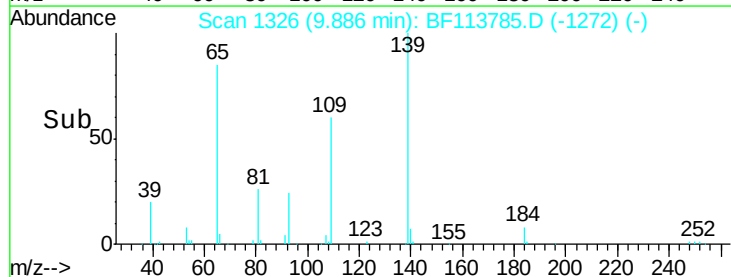
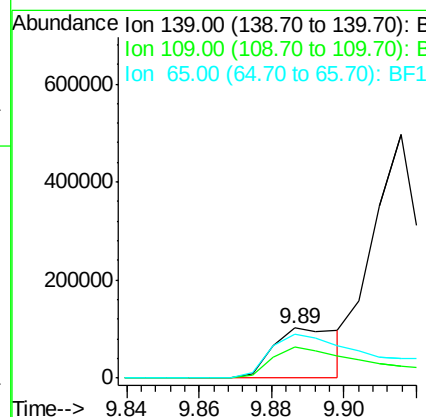
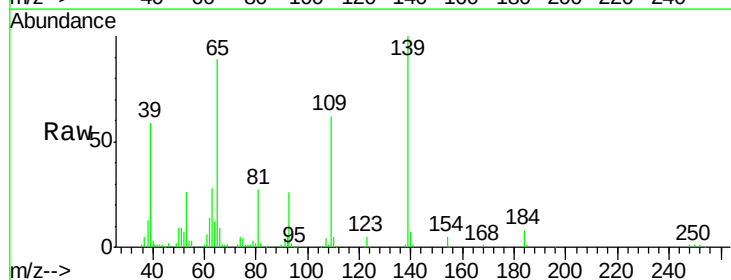
Manual Integrations
APPROVED

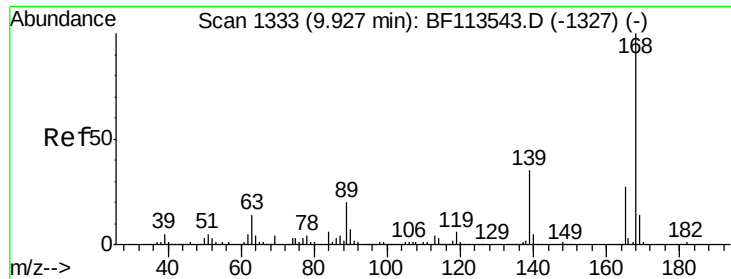
Sohil
4/17/2019 3:45:30 PM



#56
4-Nitrophenol
Concen: 35.022 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion:139 Resp: 130795
Ion Ratio Lower Upper
139 100
109 62.2 46.9 86.9
65 89.4 77.2 117.2





#57

2,4-Dinitrotoluene

Concen: 43.780 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF113785.D

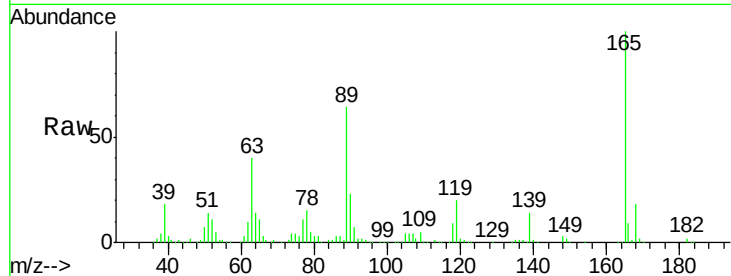
Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

ClientSampleId :

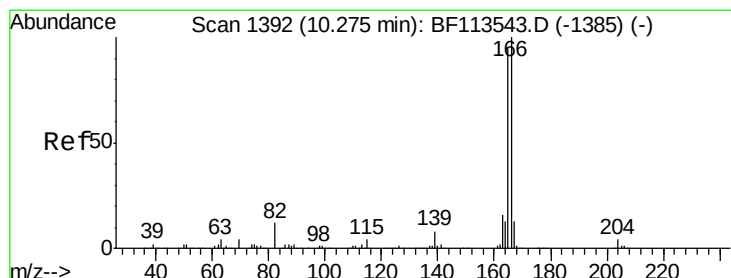
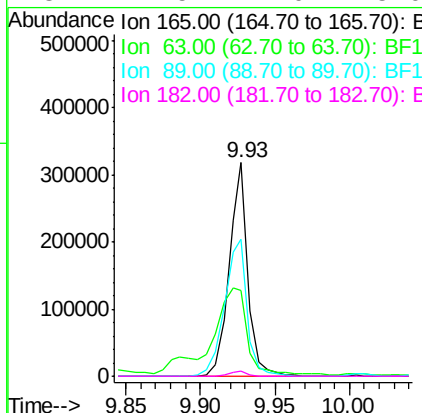
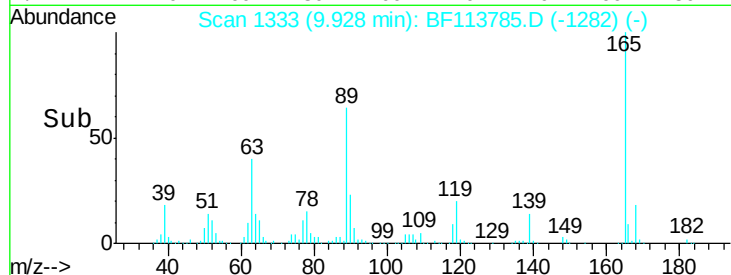
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	280377		
63	40.2	37.5	56.3	
89	64.1	57.4	86.2	
182	2.5	2.0	3.0	

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#58

Fluorene

Concen: 40.843 ng

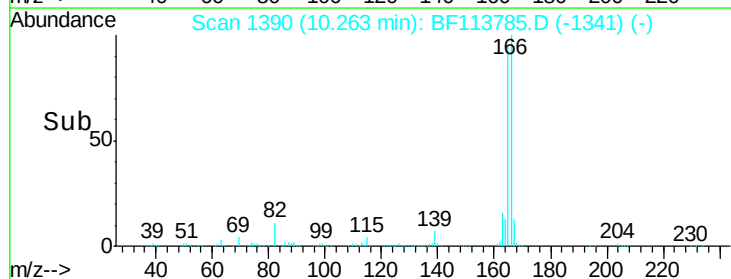
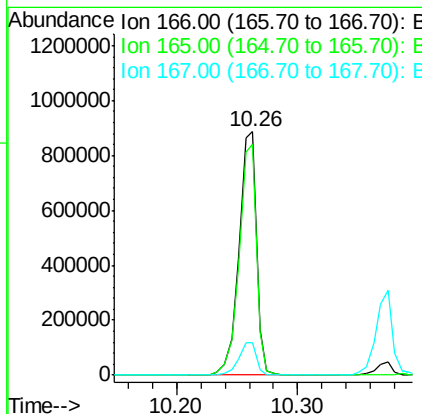
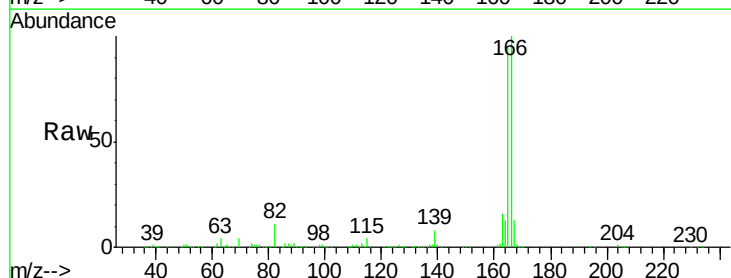
RT: 10.26 min Scan# 1390

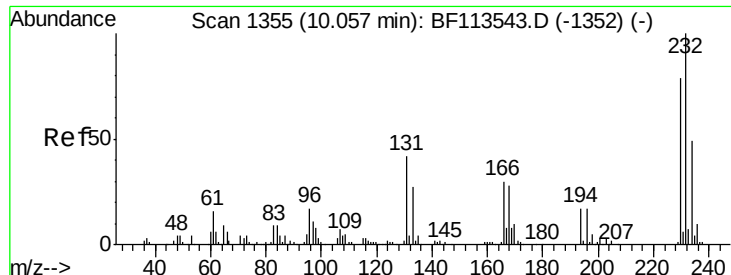
Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	898108		
165	95.0	76.2	114.2	
167	13.4	10.7	16.1	





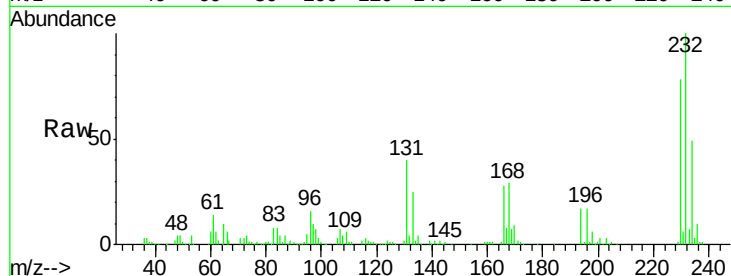
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.805 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

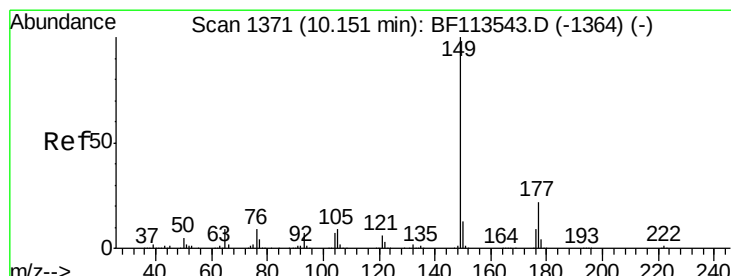
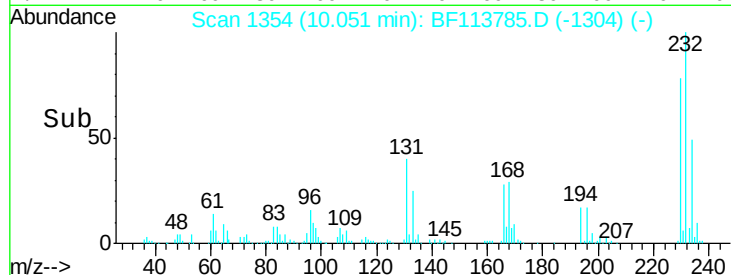
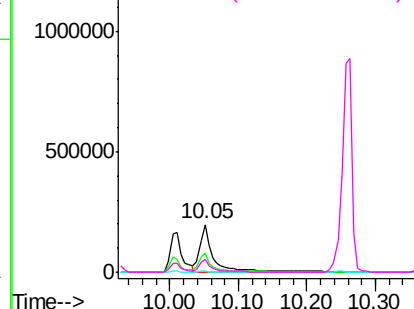
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	270826		
131	33.5	33.2	49.8	
130	1.8	1.6	2.4	
166	22.7	21.0	31.6	

Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:45:30 PM

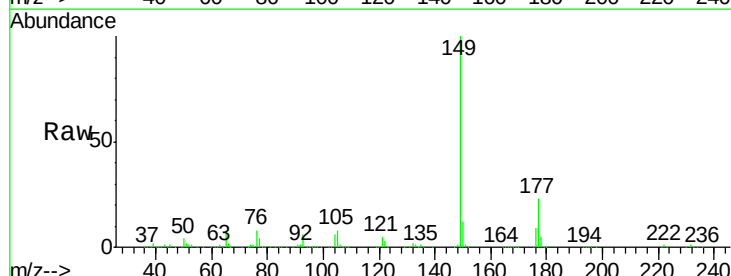


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

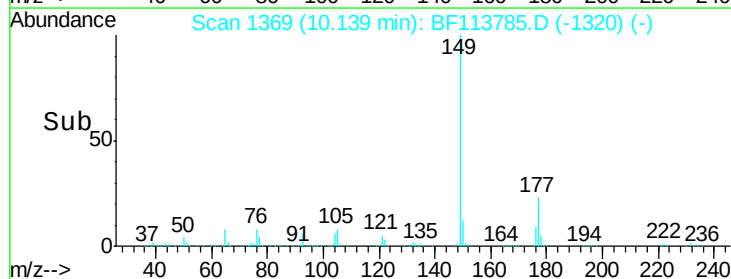
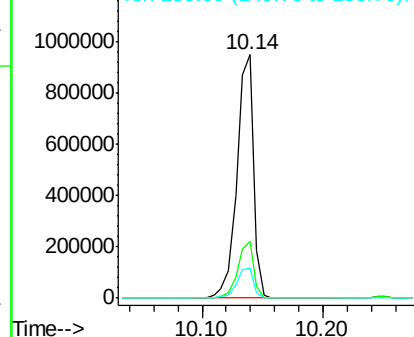


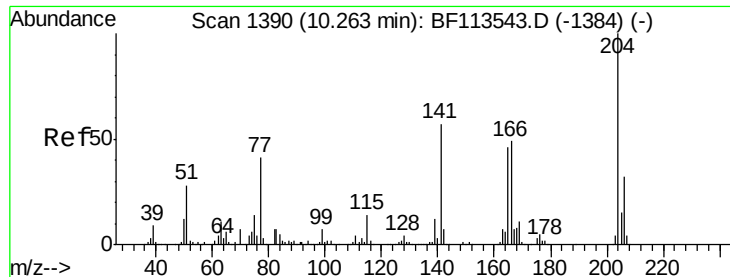
#60
 Diethylphthalate
 Concen: 39.416 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	912927		
177	23.2	17.4	26.0	
150	12.4	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





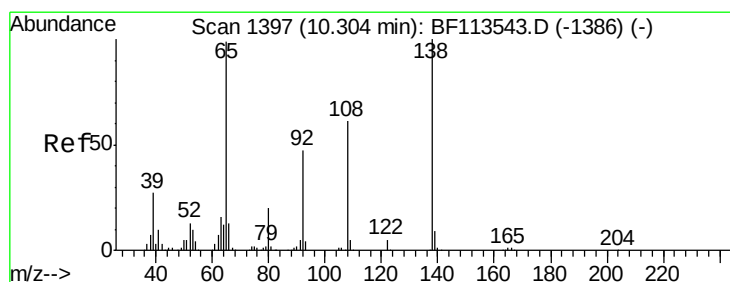
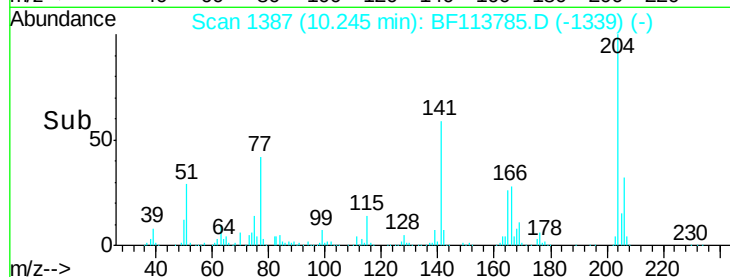
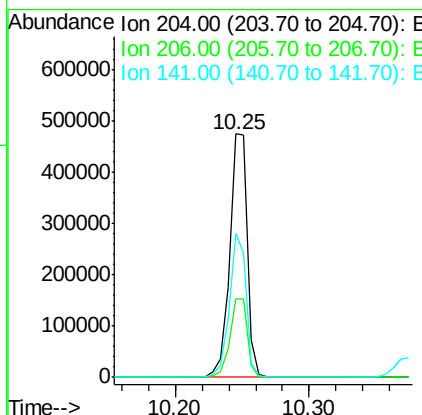
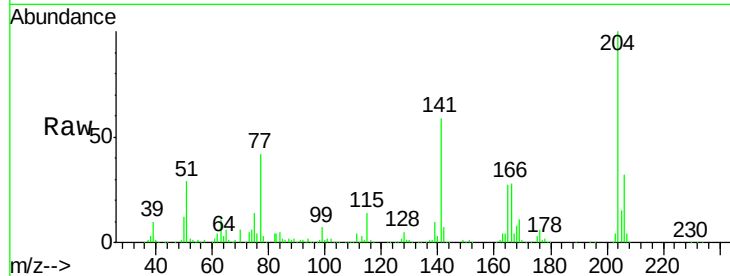
#61
4-Chlorophenyl-phenylether
Concen: 41.071 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.9	40.3
141	58.9	48.8	73.2

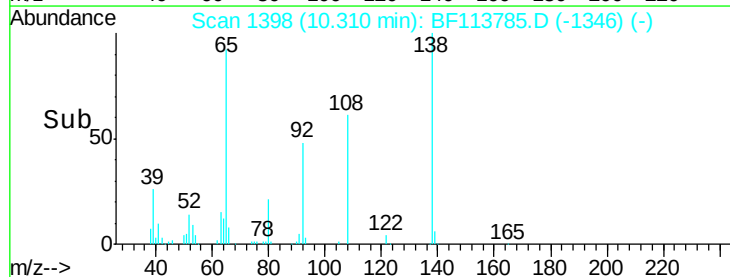
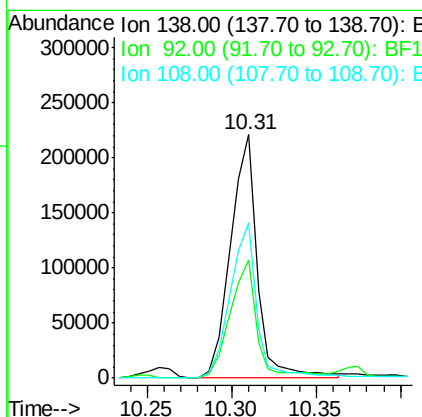
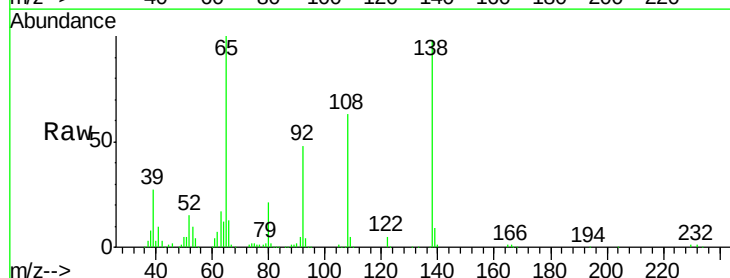
Manual Integrations
APPROVED

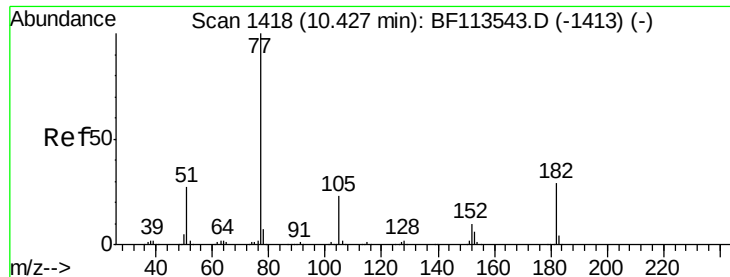
Sohil
4/17/2019 3:45:30 PM



#62
4-Nitroaniline
Concen: 39.505 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	25.8	65.8
108	64.0	44.0	84.0





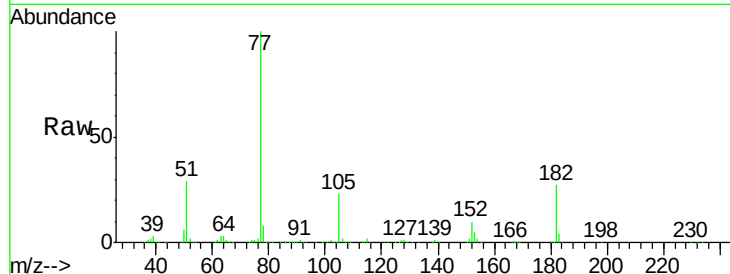
#63
Azobenzene
Concen: 39.330 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

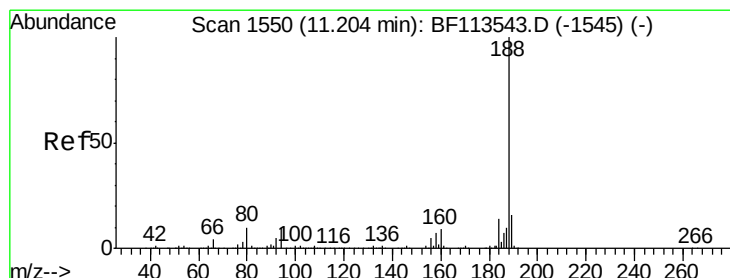
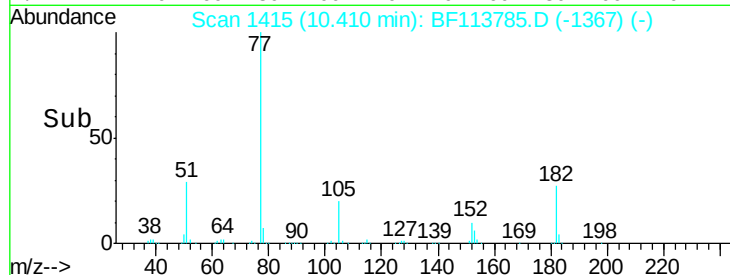
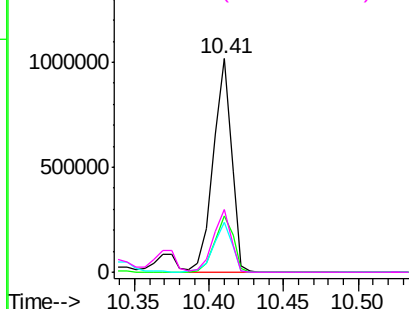
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.7	48.7
105	23.1	2.9	42.9
51	29.3	8.8	48.8

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



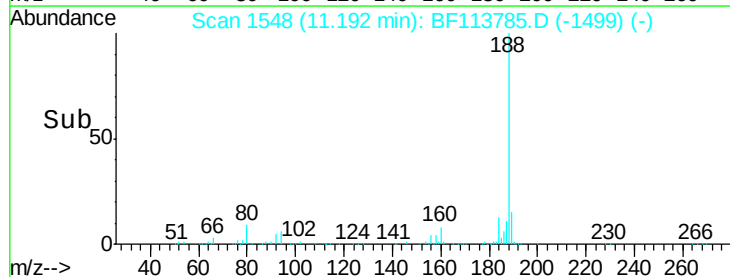
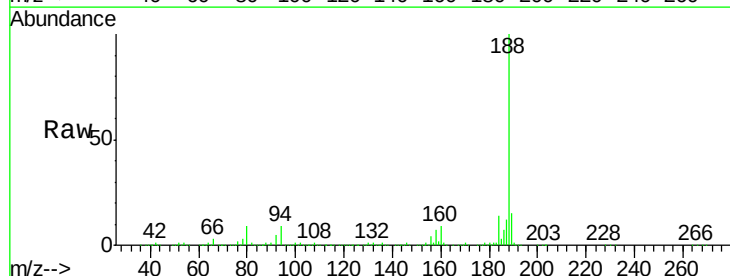
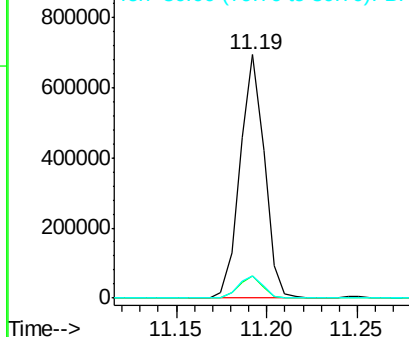
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

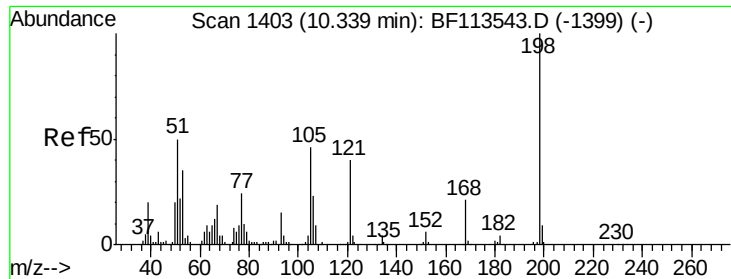


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.3	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.453 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

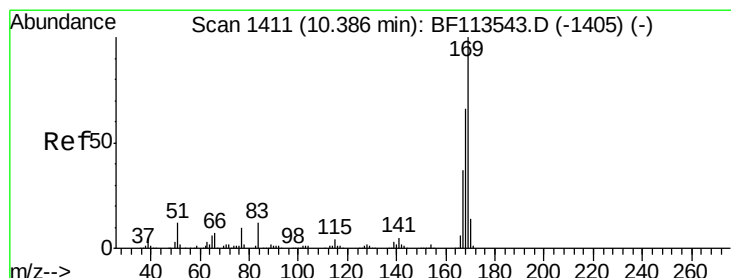
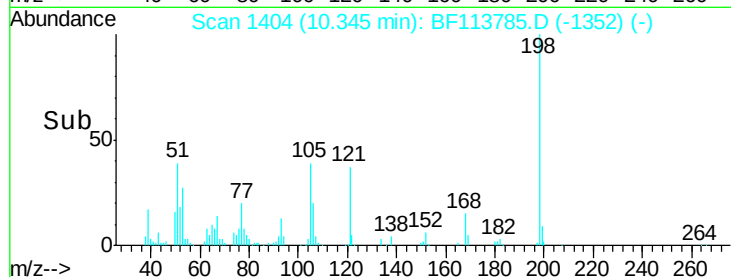
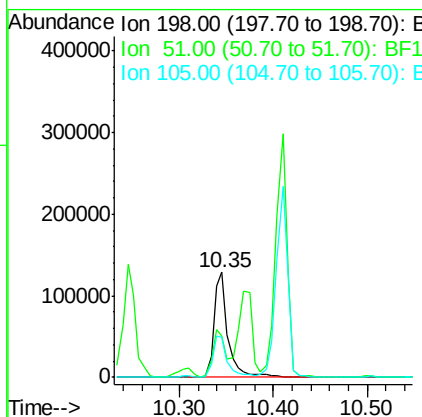
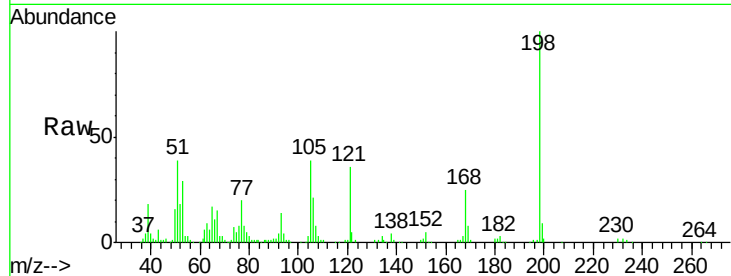
ClientSampleId :

SSTDCCC040

Tgt Ion:	198	Resp:	138115
Ion Ratio	Lower	Upper	
198	100		
51	39.0	21.6	61.6
105	38.8	20.6	60.6

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#66

n-Nitrosodiphenylamine

Concen: 40.174 ng

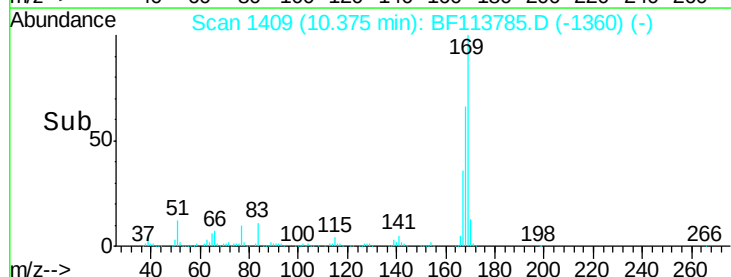
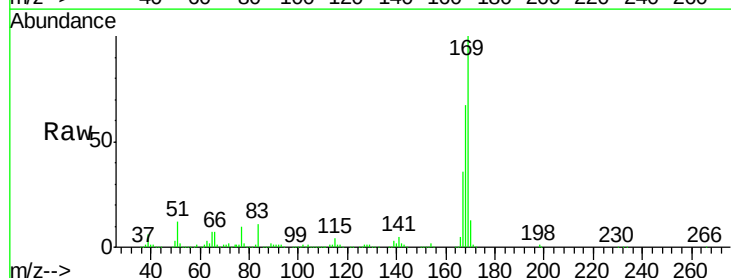
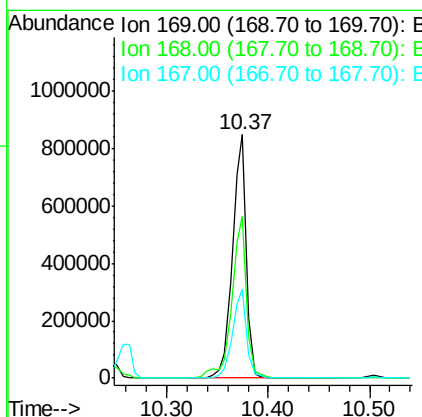
RT: 10.37 min Scan# 1409

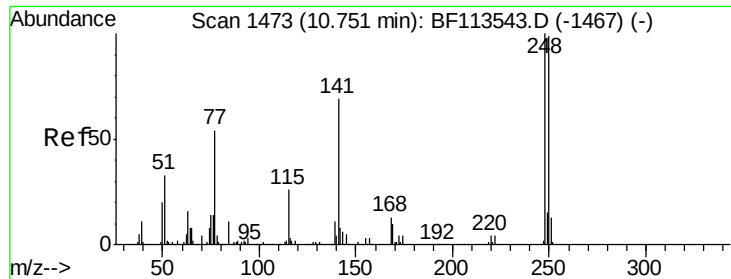
Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:	169	Resp:	799842
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.7	80.5
167	36.5	29.5	44.3





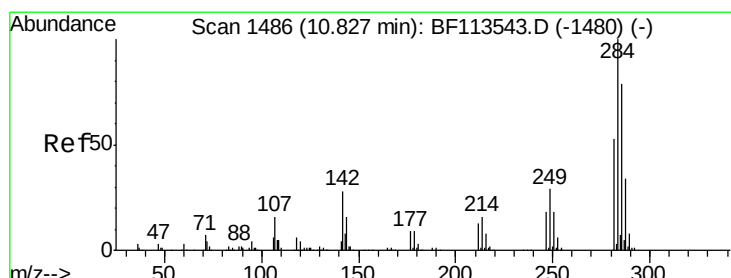
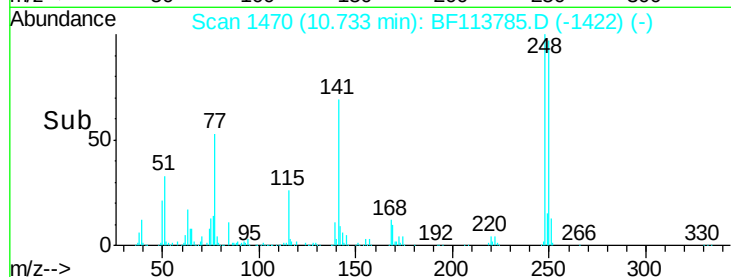
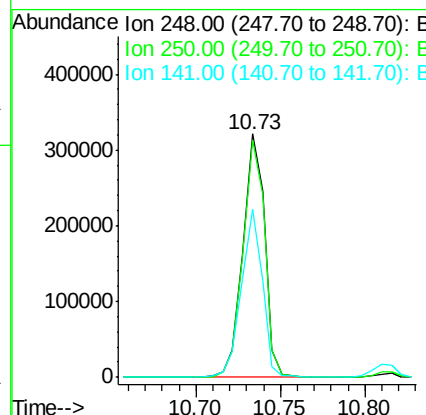
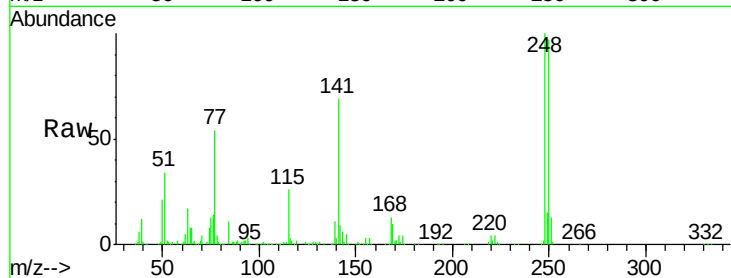
#67
4-Bromophenyl-phenylether
Concen: 39.897 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.3	117.5
141	69.1	56.2	84.4

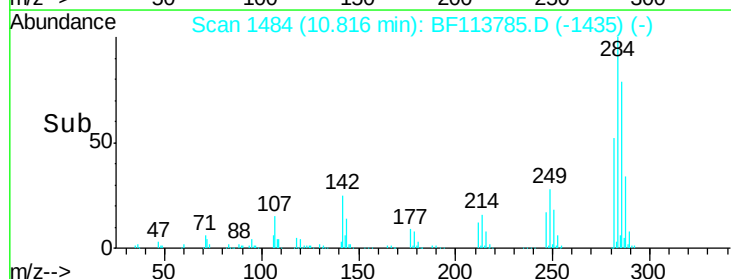
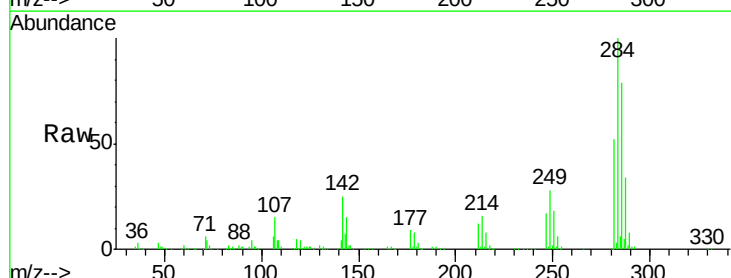
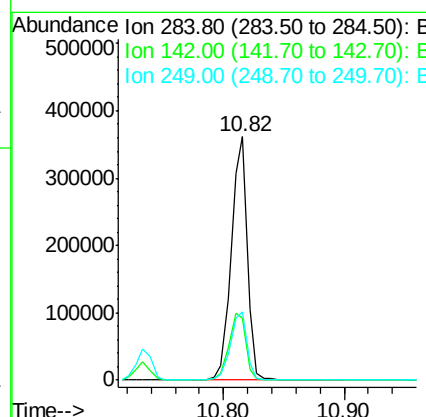
Manual Integrations
APPROVED

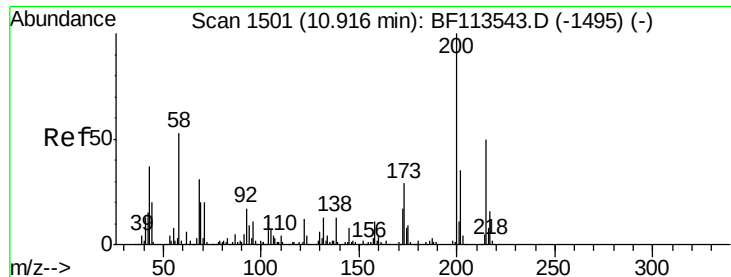
Sohil
4/17/2019 3:45:30 PM



#68
Hexachlorobenzene
Concen: 39.898 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	20.1	30.1
249	27.9	22.7	34.1





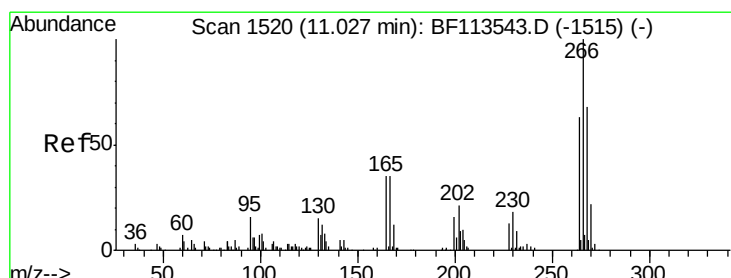
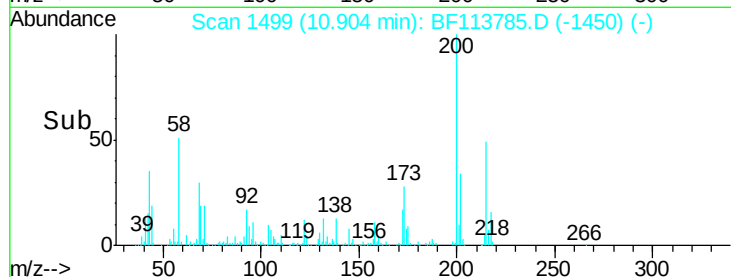
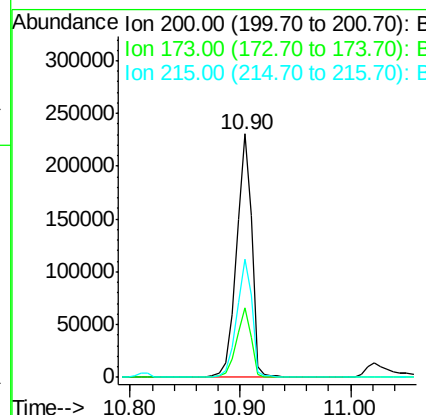
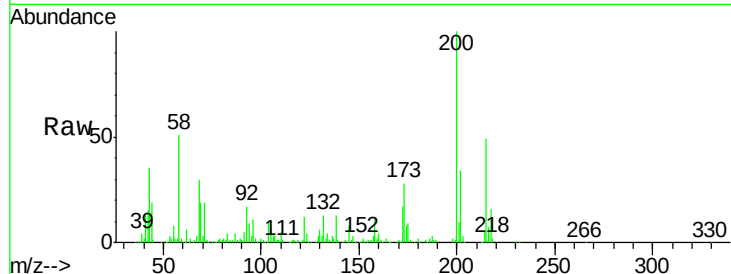
#69
Atrazine
Concen: 35.694 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	223991		
173	28.4	6.0	46.0	
215	48.7	31.3	71.3	

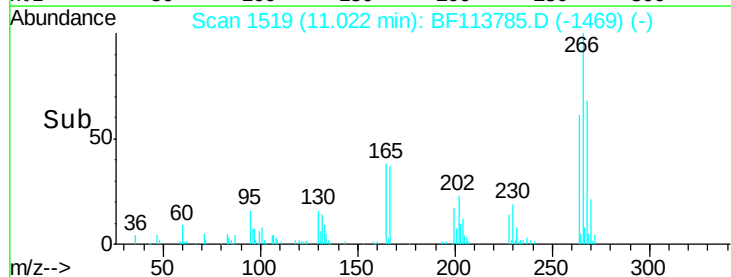
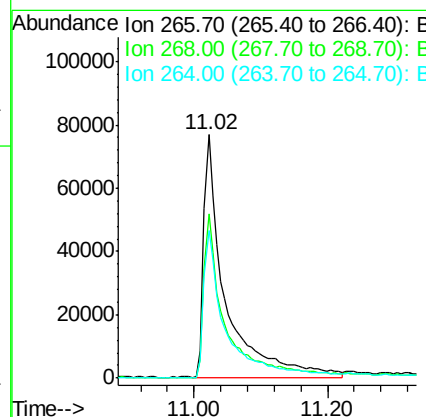
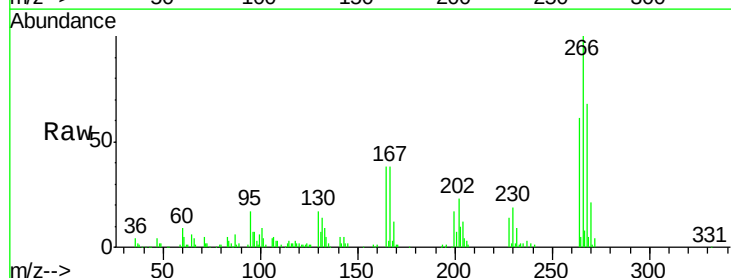
Manual Integrations
APPROVED

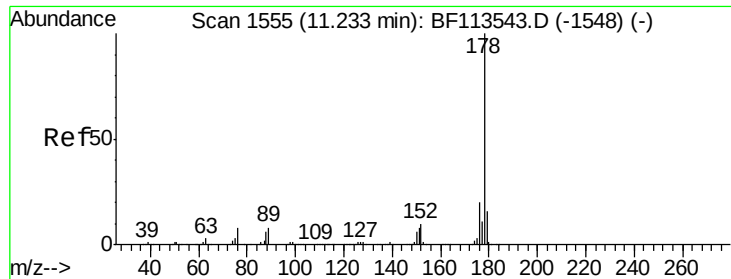
Sohil
4/17/2019 3:45:30 PM



#70
Pentachlorophenol
Concen: 42.990 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	168829		
268	67.7	53.8	80.6	
264	60.8	49.2	73.8	





#71

Phenanthrene

Concen: 39.579 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1275483

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

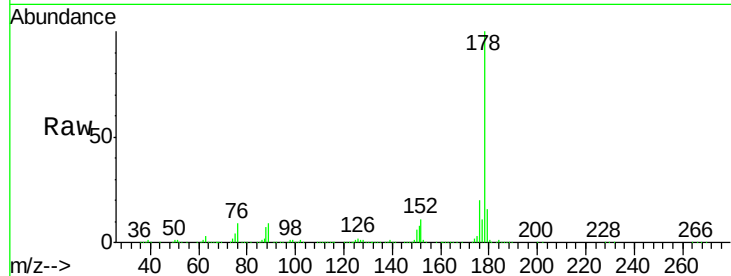
179 16.1 12.7 19.1

Manual Integrations

APPROVED

Sohil

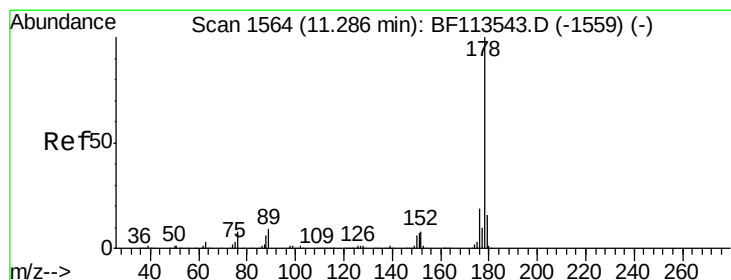
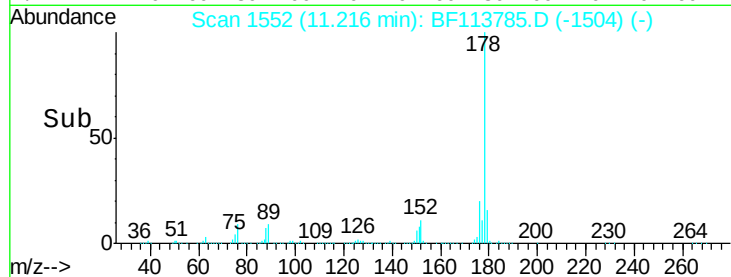
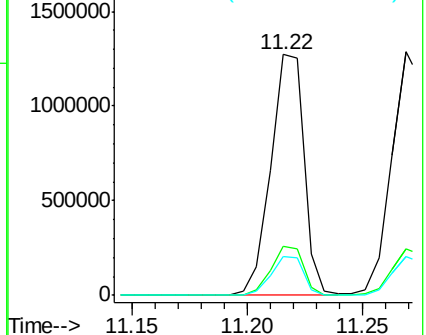
4/17/2019 3:45:30 PM



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: 40.558 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:178 Resp: 1329797

Ion Ratio Lower Upper

178 100

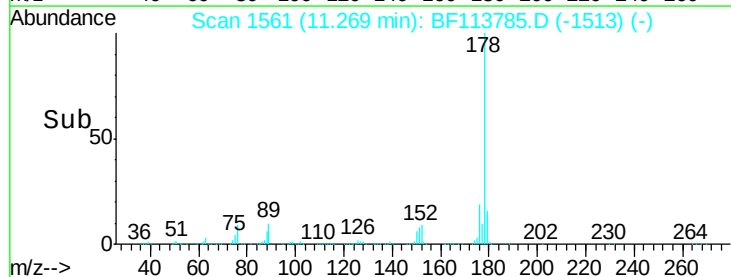
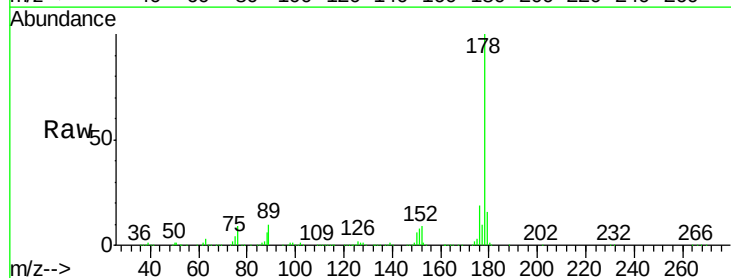
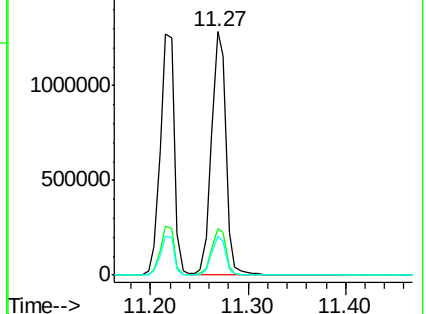
176 19.2 15.4 23.2

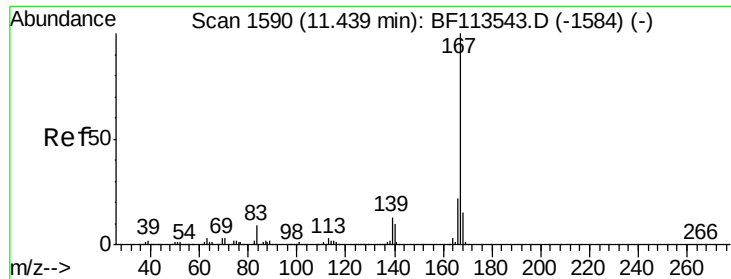
179 15.9 12.8 19.2

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





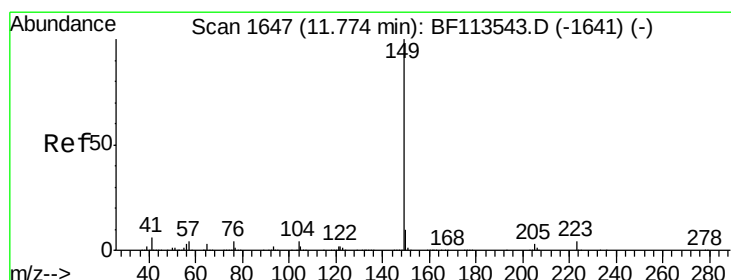
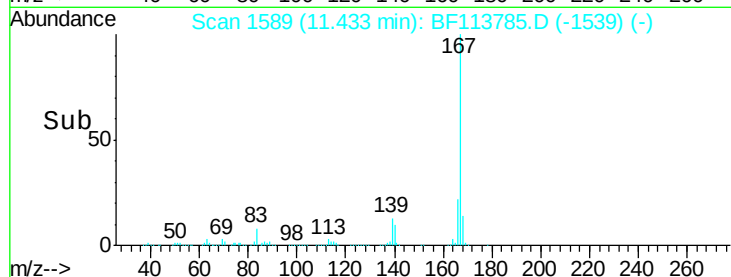
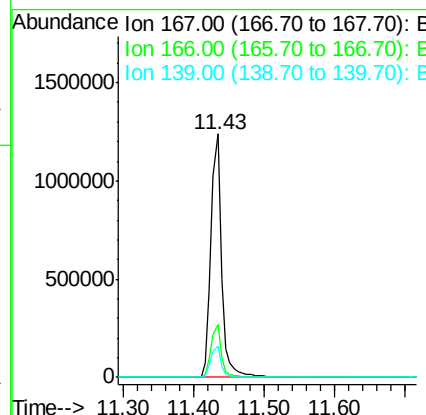
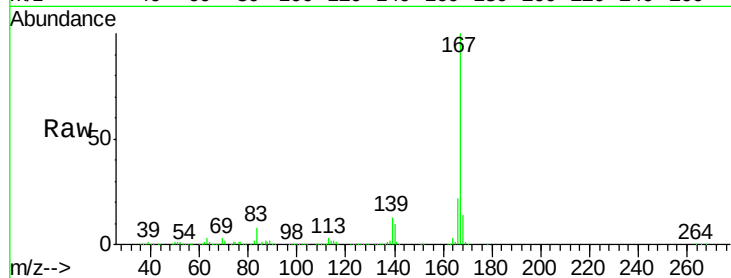
#73
 Carbazole
 Concen: 42.229 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	12.6	10.4	15.6

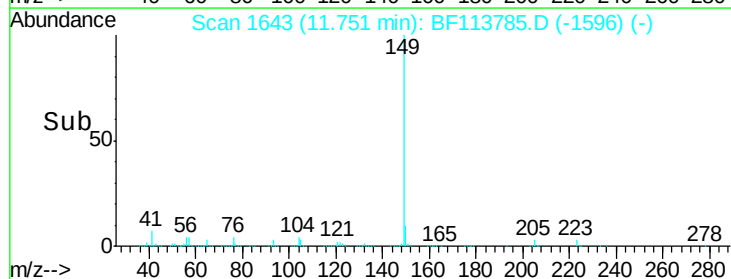
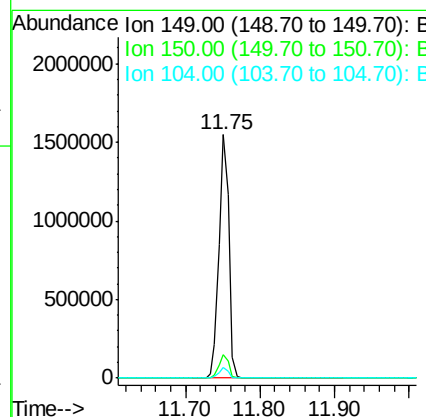
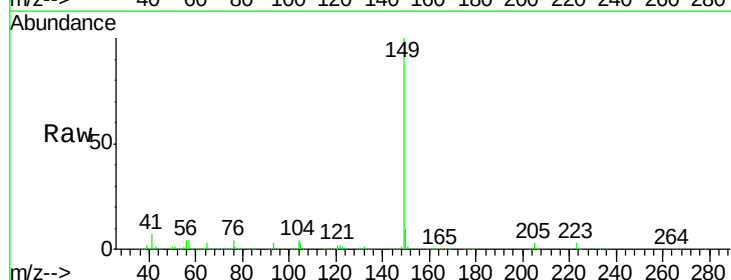
Manual Integrations
 APPROVED

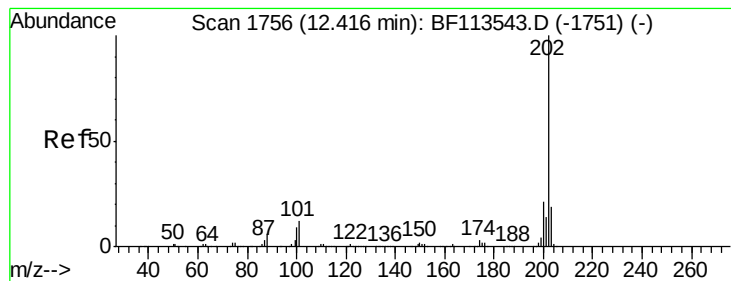
Sohil
 4/17/2019 3:45:30 PM



#74
 Di-n-butylphthalate
 Concen: 38.528 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.5	3.7	5.5





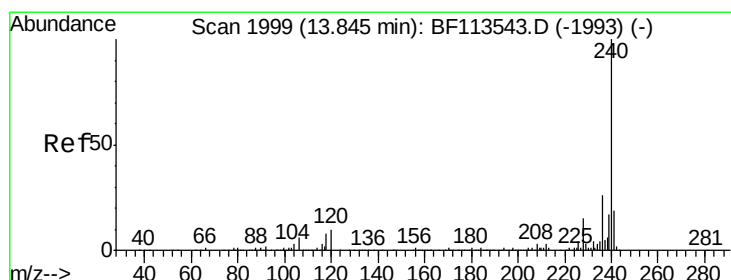
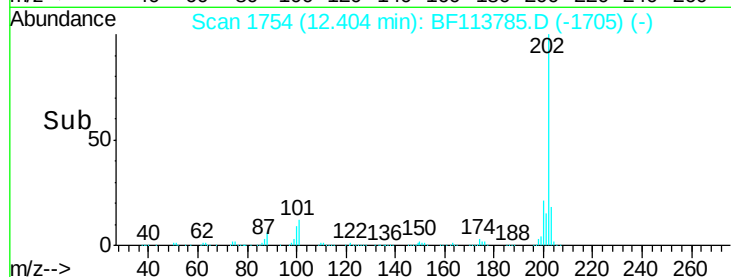
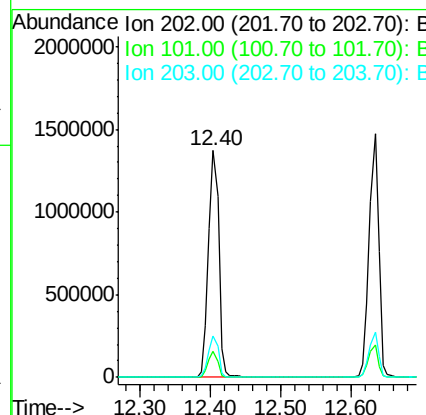
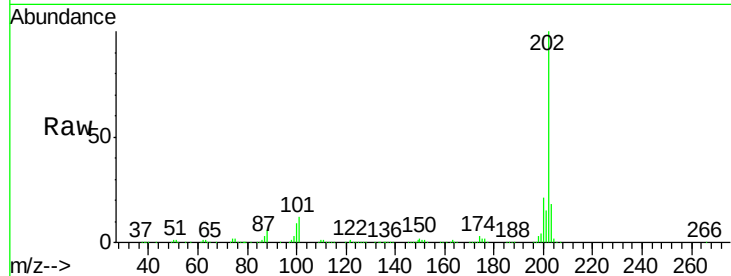
#75
Fluoranthene
Concen: 40.637 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1403300		
101	11.8	0.0	31.4	
203	18.2	0.0	38.0	

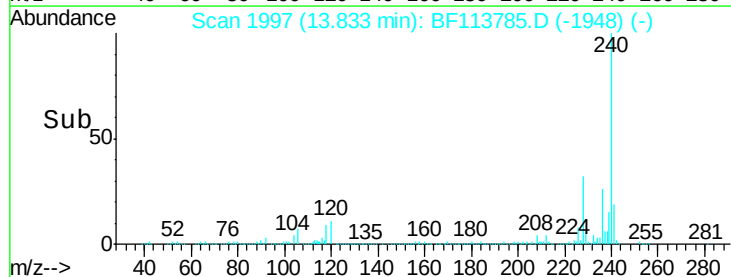
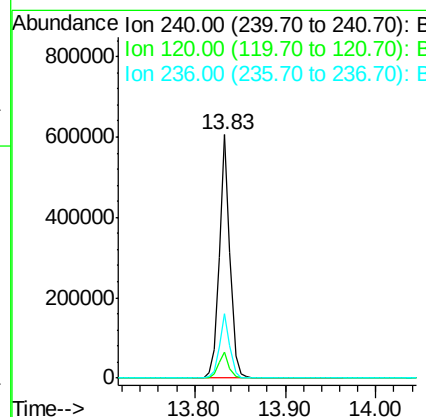
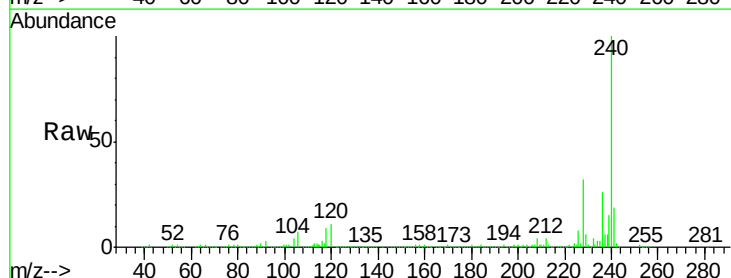
Manual Integrations
APPROVED

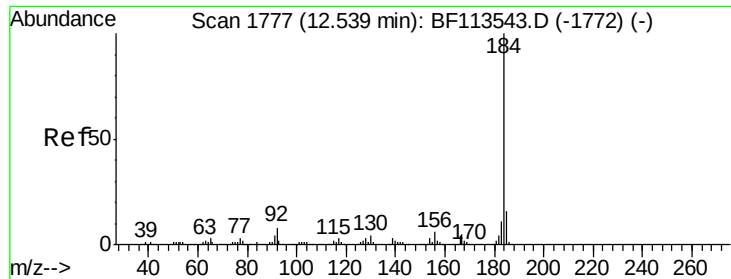
Sohil
4/17/2019 3:45:30 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	488536		
120	10.6	8.8	13.2	
236	26.3	20.9	31.3	





#77

Benzidine

Concen: 41.668 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

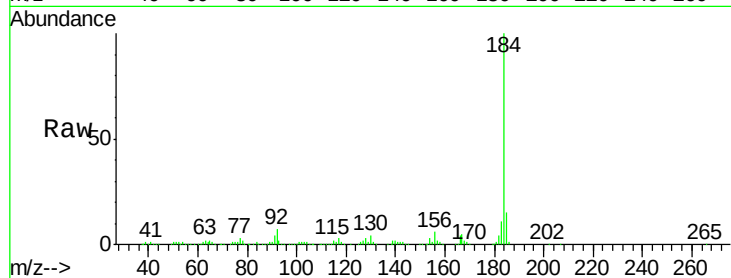
ClientSampleId :

SSTDCCC040

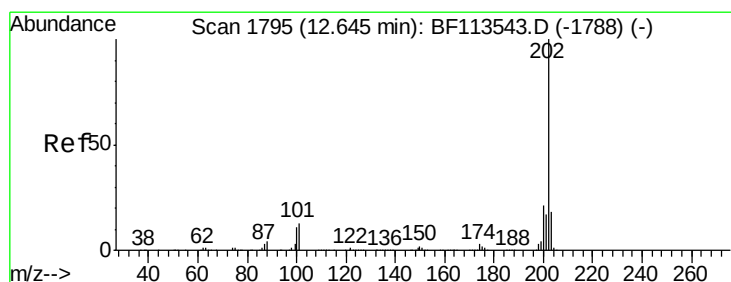
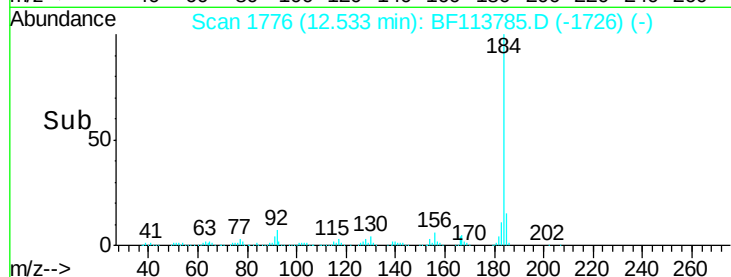
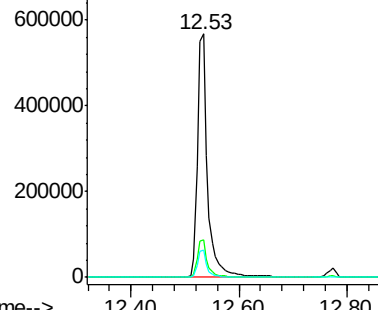
Tgt Ion:	184	Resp:	756985
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.0	19.6
183	11.0	9.0	13.4

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 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: 37.598 ng

RT: 12.63 min Scan# 1793

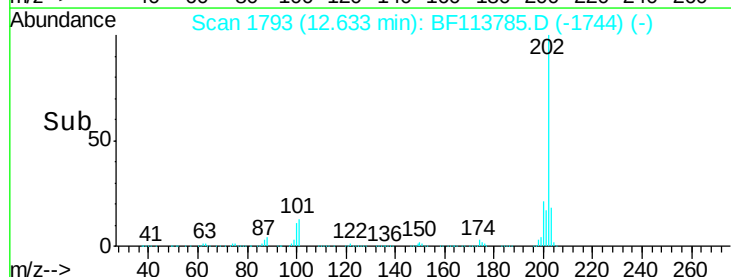
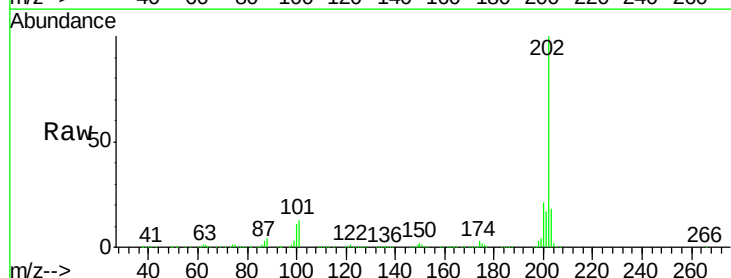
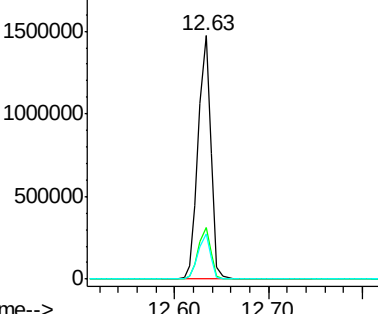
Delta R.T. -0.01 min

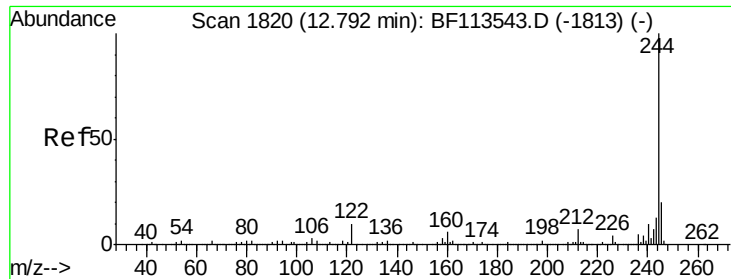
Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:	202	Resp:	1397613
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.8	25.2
203	18.4	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





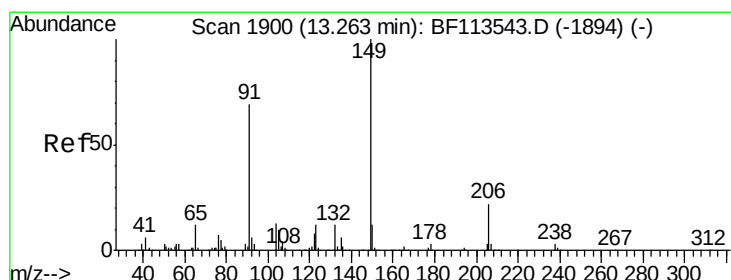
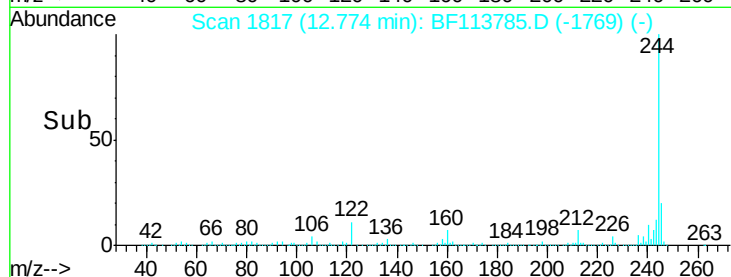
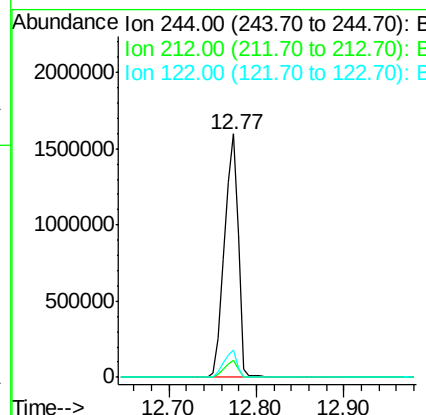
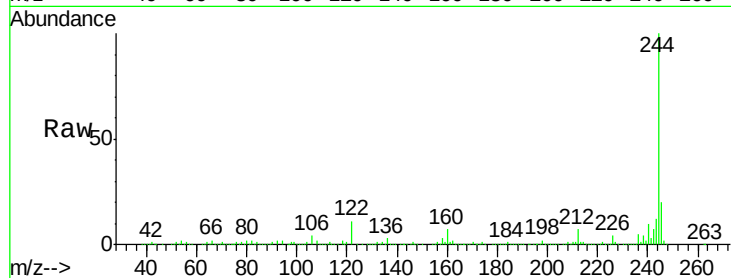
#79
 Terphenyl-d14
 Concen: 73.465 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.3	8.6	13.0

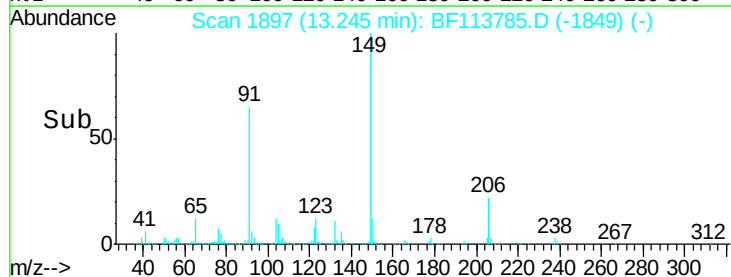
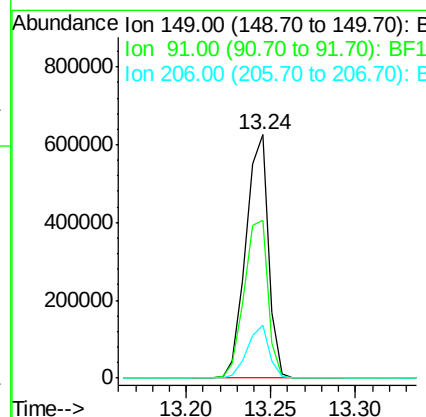
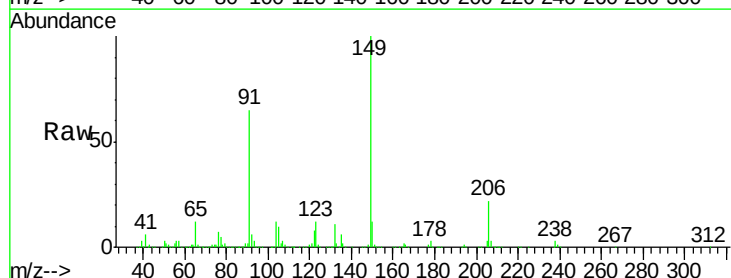
Manual Integrations
 APPROVED

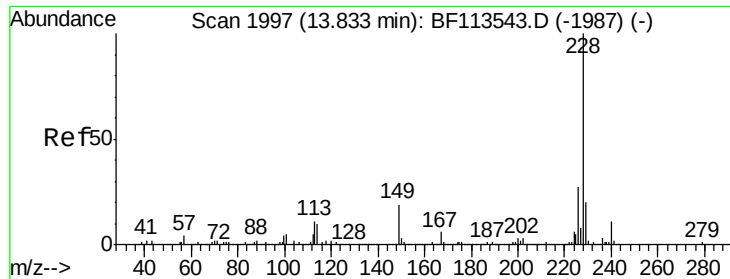
Sohil
 4/17/2019 3:45:30 PM



#80
 Butylbenzylphthalate
 Concen: 38.744 ng
 RT: 13.24 min Scan# 1897
 Delta R.T. -0.02 min
 Lab File: BF113785.D
 Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.7	55.2	82.8
206	21.6	16.1	24.1





#81

Benzo(a)anthracene

Concen: 41.328 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1164692

Ion Ratio Lower Upper

228 100

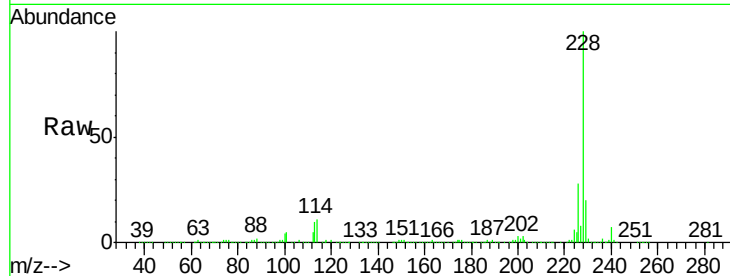
226 27.6 21.8 32.8

229 20.5 16.2 24.4

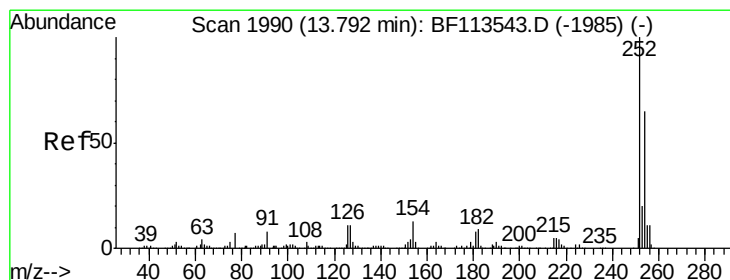
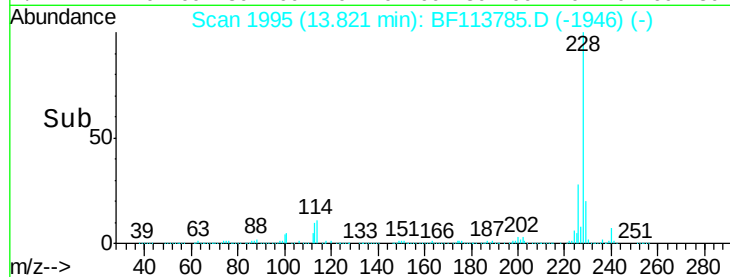
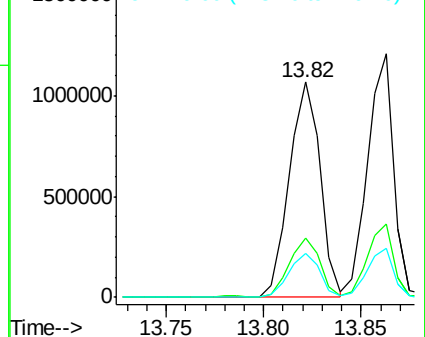
Manual Integrations
APPROVED

Sohil

4/17/2019 3:45:30 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: 40.725 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:252 Resp: 442054

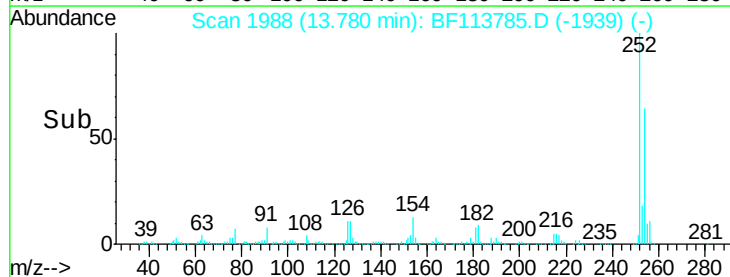
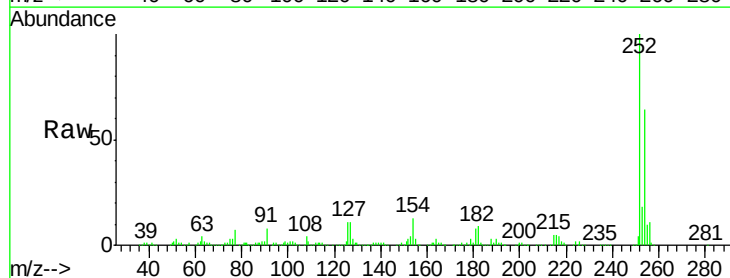
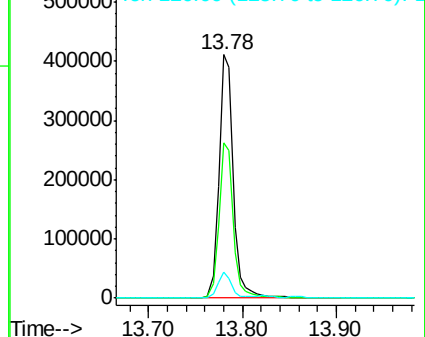
Ion Ratio Lower Upper

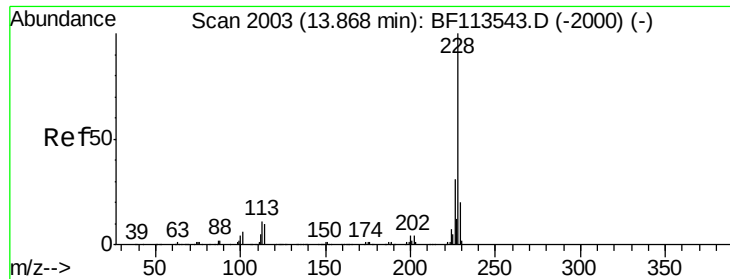
252 100

254 64.0 52.2 78.2

126 10.9 8.5 12.7

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





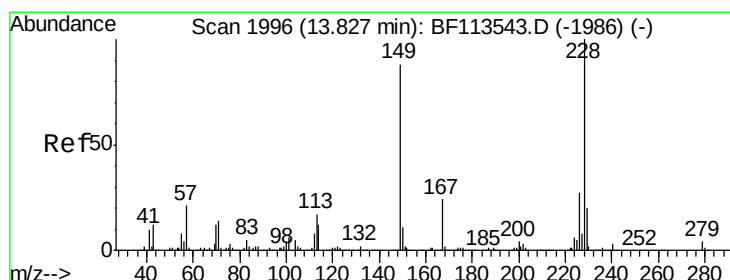
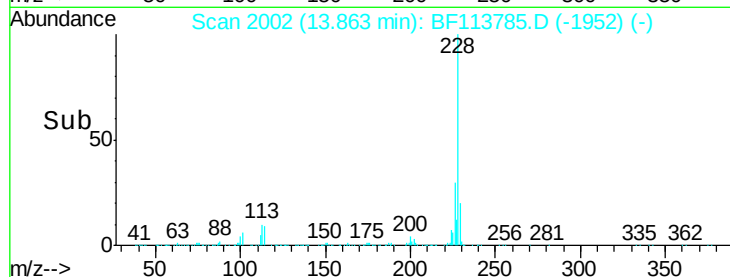
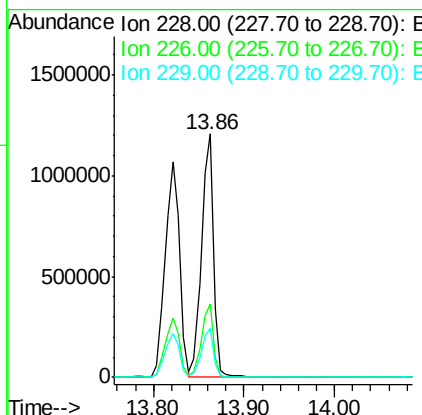
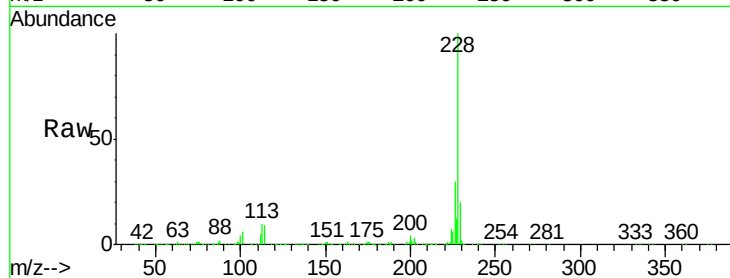
#83
Chrysene
Concen: 39.693 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1133942
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.2 16.3 24.5

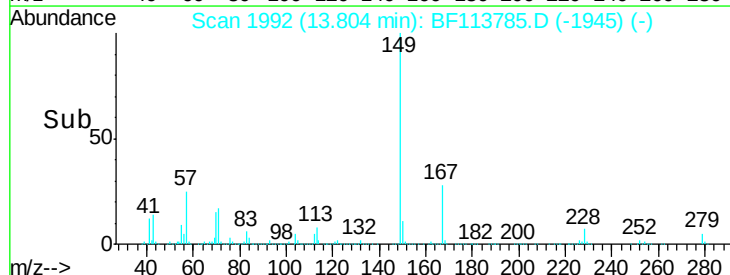
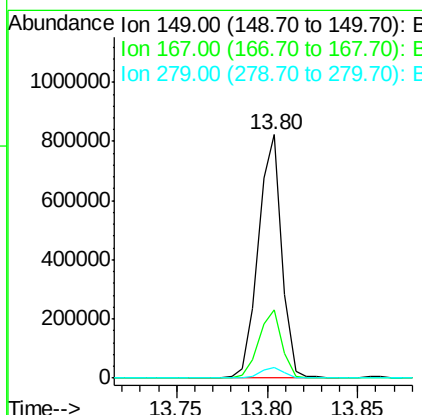
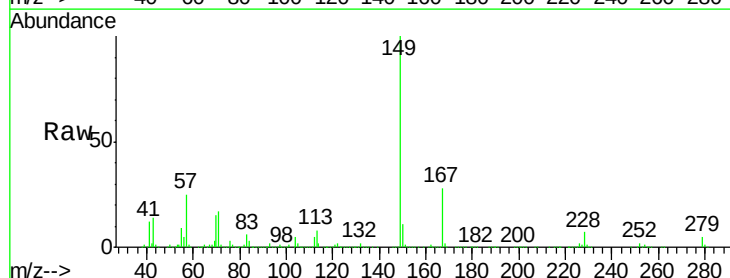
Manual Integrations
APPROVED

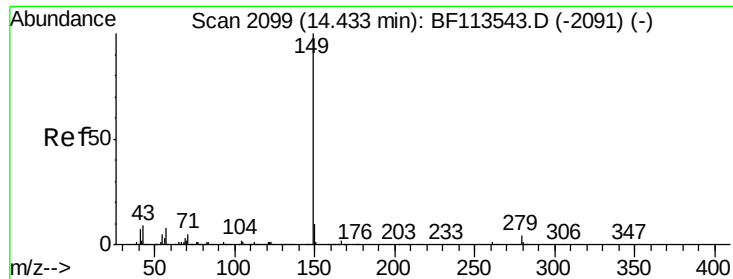
Sohil
4/17/2019 3:45:30 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.377 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion:149 Resp: 738677
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.8
279 4.6 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 38.447 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

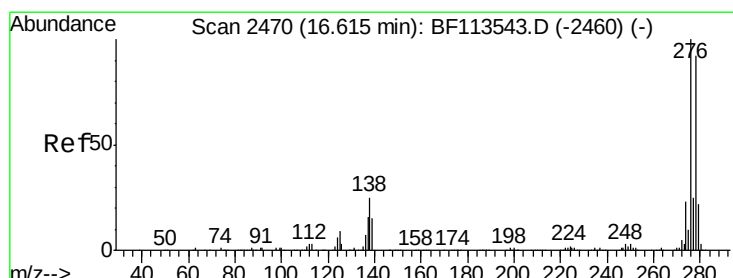
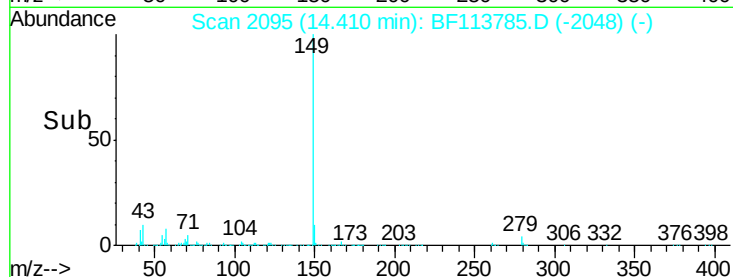
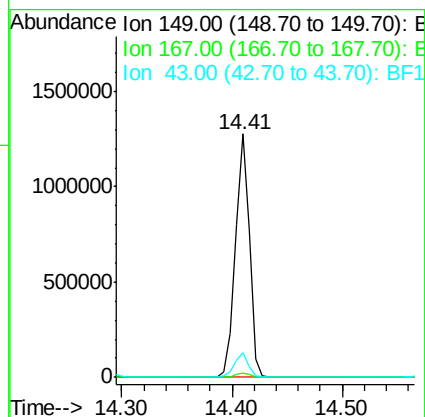
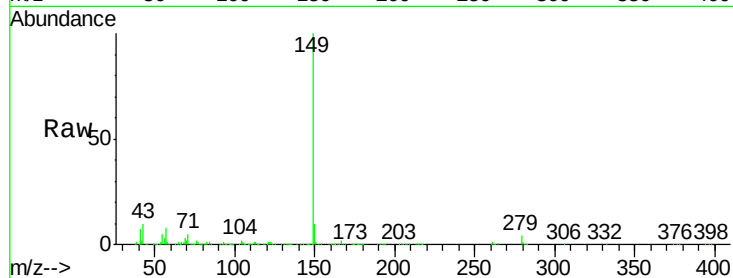
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1143319
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.8	7.7	11.5

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.751 ng

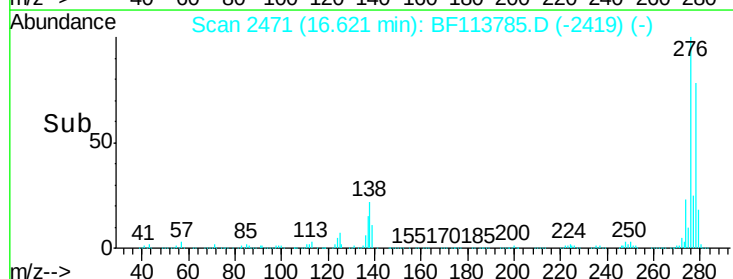
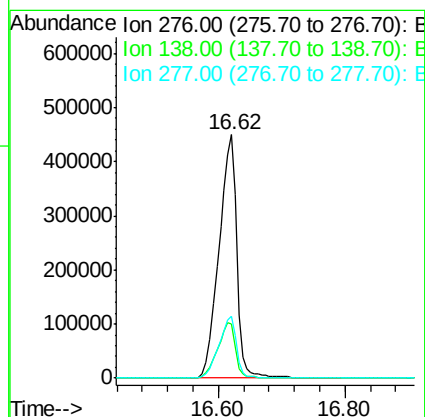
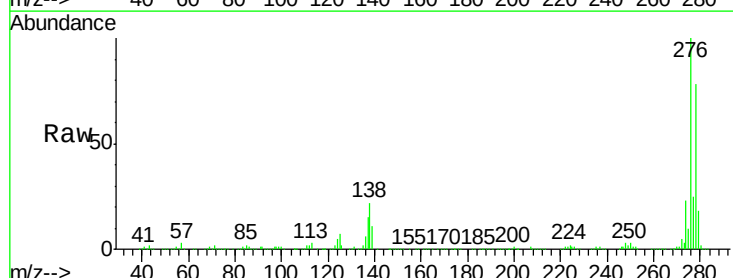
RT: 16.62 min Scan# 2471

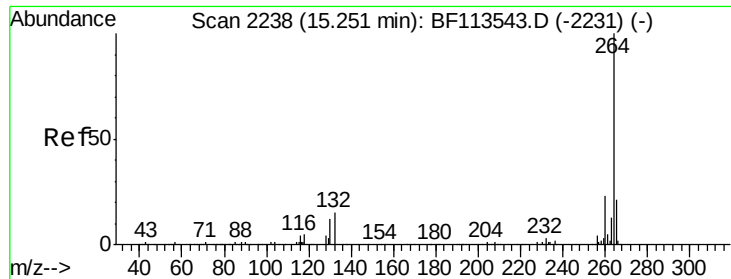
Delta R.T. 0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:	276	Resp:	890239
Ion Ratio	Lower	Upper	
276	100		
138	23.0	18.1	27.1
277	25.1	20.2	30.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Instrument :

BNA_F

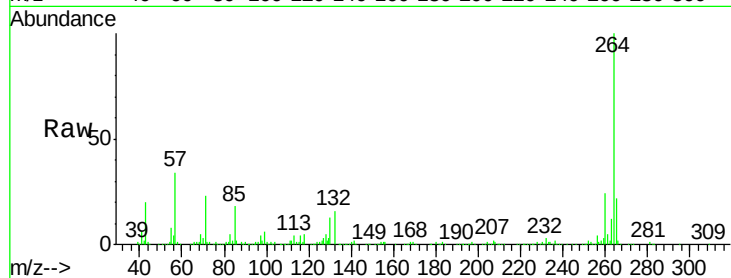
ClientSampleId :

SSTDCCC040

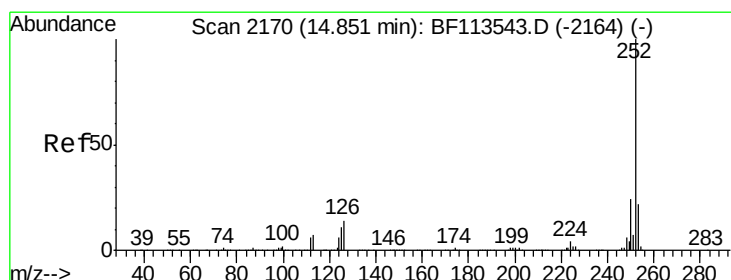
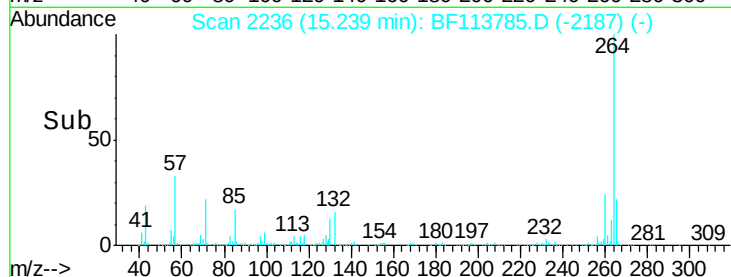
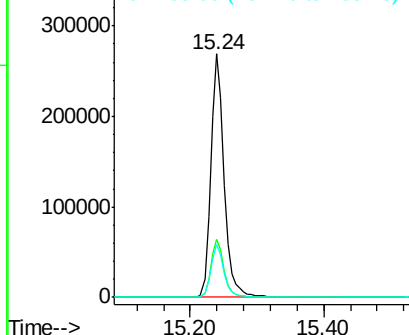
Tgt Ion:	264	Resp:	374992
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.1	28.7
265	21.7	17.1	25.7

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



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



#88

Benzo(b)fluoranthene

Concen: 41.802 ng

RT: 14.84 min Scan# 2169

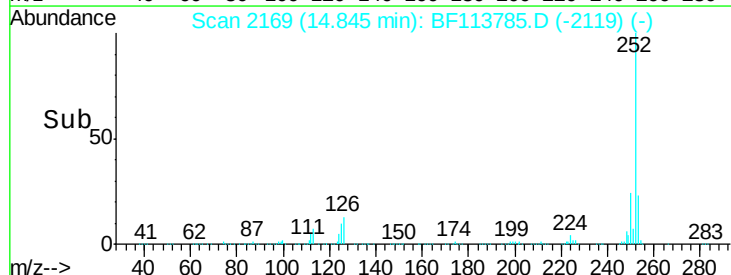
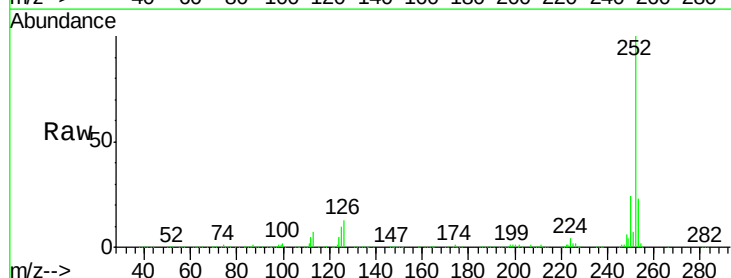
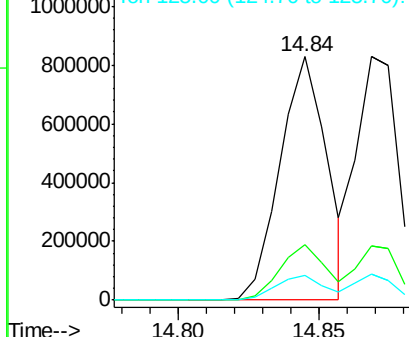
Delta R.T. -0.01 min

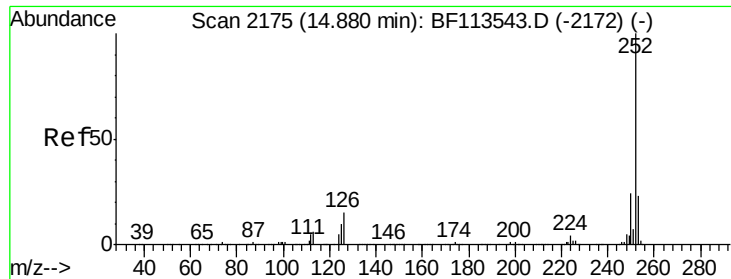
Lab File: BF113785.D

Acq: 16 Apr 2019 11:01

Tgt Ion:	252	Resp:	959541
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	10.4	7.6	11.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





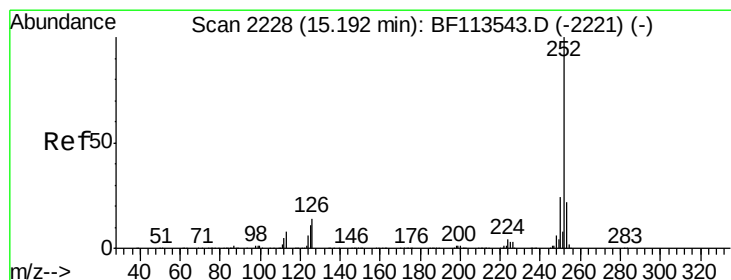
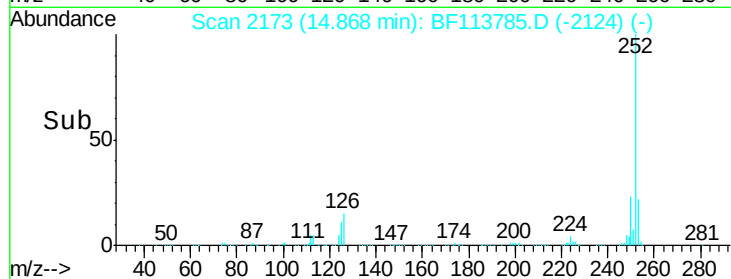
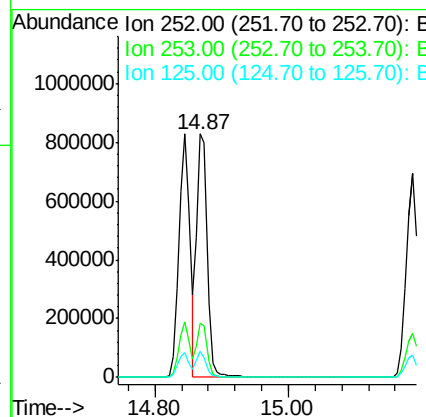
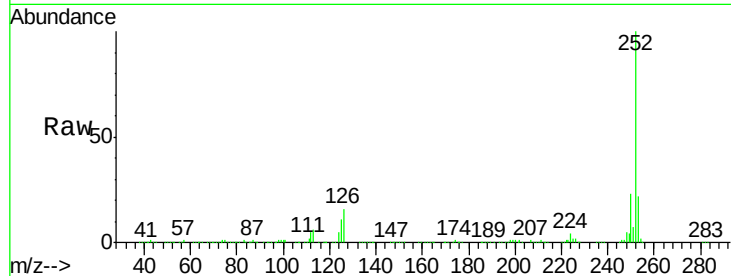
#89
Benzo(k)fluoranthene
Concen: 42.484 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.9	7.3	10.9

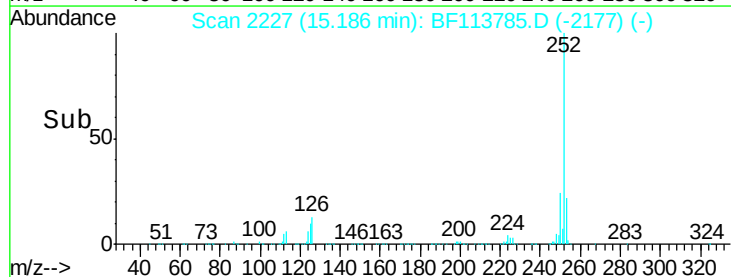
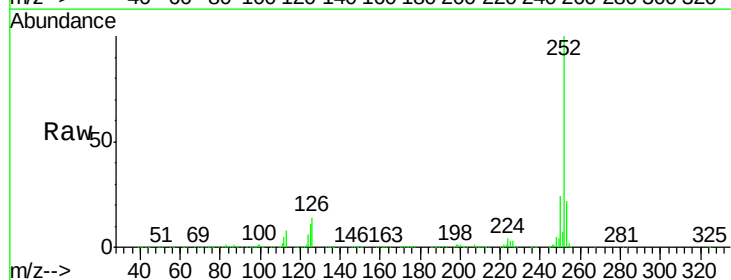
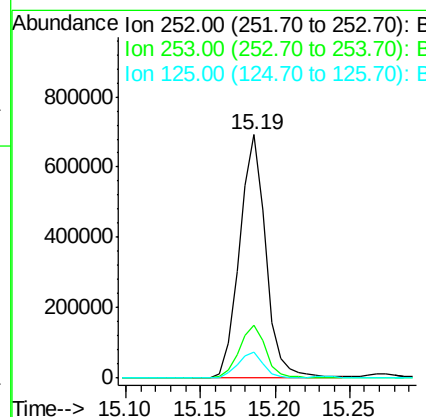
Manual Integrations
APPROVED

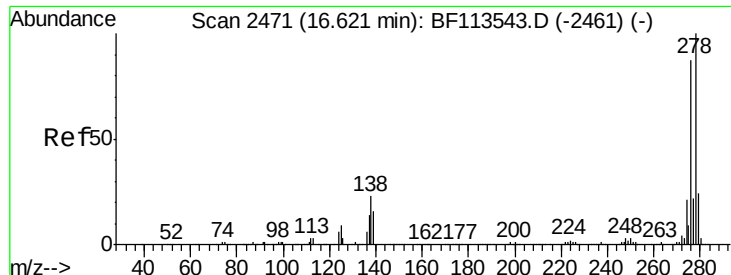
Sohil
4/17/2019 3:45:30 PM



#90
Benzo(a)pyrene
Concen: 41.933 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.6	8.8	13.2





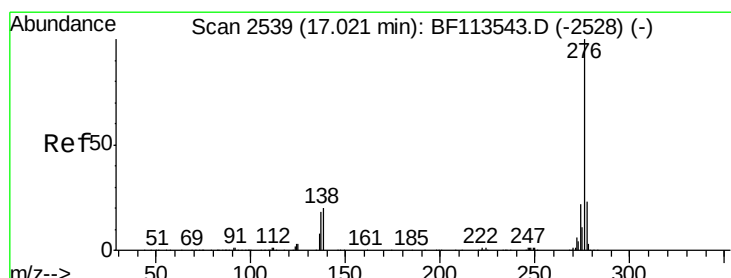
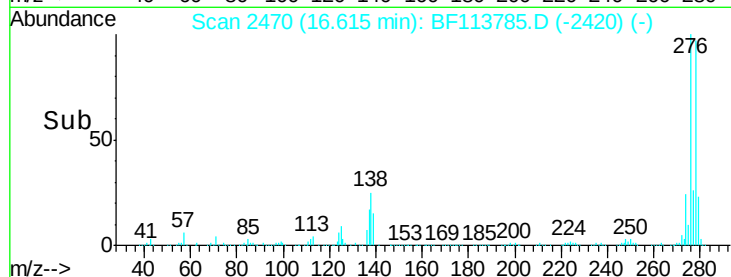
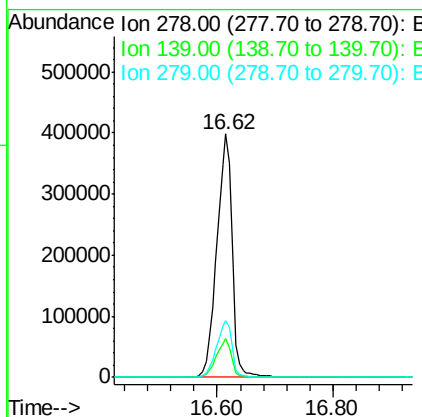
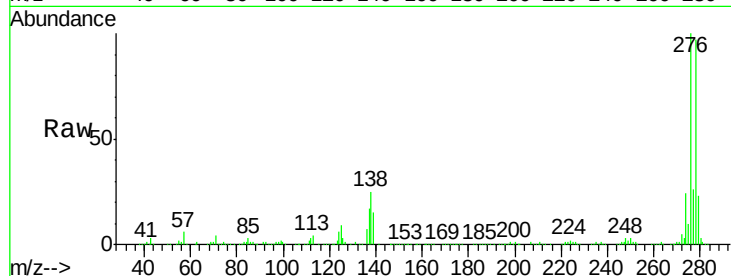
#91
Dibenzo(a,h)anthracene
Concen: 38.491 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.0	18.0
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:30 PM



#92
Benzo(g,h,i)perylene
Concen: 39.339 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113785.D
Acq: 16 Apr 2019 11:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.0	15.6	23.4

