

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114482.D
 Acq On : 22 May 2019 3:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:54 AM

Quant Time: May 22 08:23:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	166503	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	681491	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	309649	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	514605	20.00	ng	0.00
76) Chrysene-d12	14.00	240	343635	20.00	ng	0.00
87) Perylene-d12	15.46	264	316049	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	818409	79.10	ng	-0.01
7) Phenol-d6	6.47	99	1024839	83.75	ng	-0.01
23) Nitrobenzene-d5	7.40	82	973902	80.20	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	208292	65.07	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1707885	83.43	ng	0.00
79) Terphenyl-d14	12.93	244	1284988	77.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	191081	33.599	ng	99
3) Pyridine	3.30	79	542735	34.637	ng	100
4) n-Nitrosodimethylamine	3.25	42	256830	33.990	ng	97
6) Aniline	6.49	93	711775	40.266	ng	# 56
8) 2-Chlorophenol	6.62	128	473959	42.910	ng	95
9) Benzaldehyde	6.38	77	314818	36.748	ng	99
10) Phenol	6.49	94	587071	40.782	ng	# 67
11) bis(2-Chloroethyl)ether	6.56	93	465965	42.636	ng	99
12) 1,3-Dichlorobenzene	6.77	146	523741	42.242	ng	98
13) 1,4-Dichlorobenzene	6.85	146	527901	42.253	ng	99
14) 1,2-Dichlorobenzene	7.00	146	486684	42.637	ng	99
15) Benzyl Alcohol	6.97	79	381581	39.980	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	869748	41.044	ng	73
17) 2-Methylphenol	7.09	107	375787	41.416	ng	93
18) Hexachloroethane	7.34	117	168791	35.992	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	322567	41.587	ng	98
20) 3+4-Methylphenols	7.25	107	476549	45.458	ng	# 64
22) Acetophenone	7.24	105	629330	41.685	ng	# 91
24) Nitrobenzene	7.42	77	496113	40.112	ng	96
25) Isophorone	7.65	82	893766	39.685	ng	99
26) 2-Nitrophenol	7.73	139	224140	37.353	ng	97
27) 2,4-Dimethylphenol	7.77	122	363168	38.535	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	598912	40.986	ng	99
29) 2,4-Dichlorophenol	7.98	162	388768	41.427	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	428608	40.164	ng	98
31) Naphthalene	8.13	128	1314202	41.284	ng	99
32) Benzoic acid	7.89	122	113083m	21.387	ng	
33) 4-Chloroaniline	8.19	127	604233	41.653	ng	99
34) Hexachlorobutadiene	8.25	225	251530	41.425	ng	98
35) Caprolactam	8.56	113	130704	42.713	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	399582	42.300	ng	97
37) 2-Methylnaphthalene	8.83	142	868600	42.291	ng	98
38) 1-Methylnaphthalene	8.93	142	819454	42.367	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	403104	42.975	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114482.D
 Acq On : 22 May 2019 3:45
 Operator : JU/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040EC

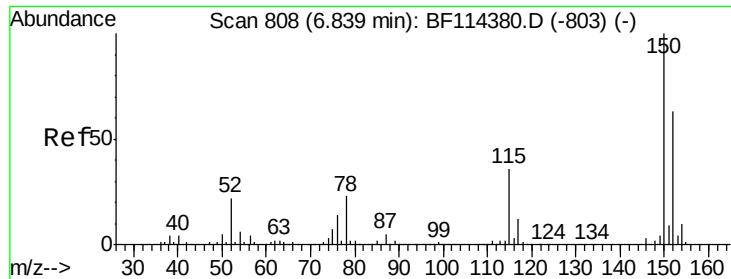
Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:54 AM

Quant Time: May 22 08:23:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	534	4.440	ng	90
43) 2,4,6-Trichlorophenol	9.12	196	256385	39.739	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	255338	38.591	ng	99
46) 1,1'-Biphenyl	9.29	154	1073404	42.910	ng	97
47) 2-Chloronaphthalene	9.32	162	837085	41.579	ng	99
48) 2-Nitroaniline	9.42	65	295844	41.436	ng	99
49) Acenaphthylene	9.73	152	1270009	41.477	ng	97
50) Dimethylphthalate	9.59	163	978155	43.031	ng	100
51) 2,6-Dinitrotoluene	9.66	165	207436	41.144	ng	91
52) Acenaphthene	9.90	154	741088	39.441	ng	99
53) 3-Nitroaniline	9.83	138	260301	41.591	ng	99
54) 2,4-Dinitrophenol	9.98	184	3001	7.829	ng	97
55) Dibenzofuran	10.07	168	1088192	39.496	ng	97
56) 4-Nitrophenol	10.01	139	100154	22.629	ng	89
57) 2,4-Dinitrotoluene	10.07	165	245541	35.881	ng	# 89
58) Fluorene	10.42	166	850328	39.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	179380	31.420	ng	99
60) Diethylphthalate	10.28	149	974608	42.198	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	441660	42.254	ng	99
62) 4-Nitroaniline	10.44	138	257113	39.095	ng	98
63) Azobenzene	10.56	77	866554	38.762	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	11661	4.716	ng	79
66) n-Nitrosodiphenylamine	10.52	169	757391	48.494	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	262025	46.245	ng	98
68) Hexachlorobenzene	10.97	284	262810	41.928	ng	# 92
69) Atrazine	11.05	200	220841	45.437	ng	98
70) Pentachlorophenol	11.17	266	90980	30.619	ng	97
71) Phenanthrene	11.38	178	1052047	42.021	ng	99
72) Anthracene	11.43	178	1059253	42.123	ng	98
73) Carbazole	11.59	167	980610	40.893	ng	97
74) Di-n-butylphthalate	11.91	149	1387198	50.213	ng	99
75) Fluoranthene	12.57	202	985134	36.540	ng	98
77) Benzidine	12.69	184	524763	34.020	ng	97
78) Pyrene	12.80	202	1001310	36.222	ng	99
80) Butylbenzylphthalate	13.40	149	458124	39.373	ng	97
81) Benzo(a)anthracene	13.99	228	939918	42.289	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	371745	43.115	ng	98
83) Chrysene	14.03	228	931680	42.761	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	637926	41.920	ng	99
85) Di-n-octyl phthalate	14.57	149	1125051	45.606	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	633362	32.892	ng	100
88) Benzo(b)fluoranthene	15.04	252	897398	44.321	ng	99
89) Benzo(k)fluoranthene	15.07	252	869023	46.722	ng	98
90) Benzo(a)pyrene	15.40	252	741483	41.610	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	538481	36.366	ng	99
92) Benzo(g,h,i)perylene	17.39	276	497676	33.538	ng	99

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



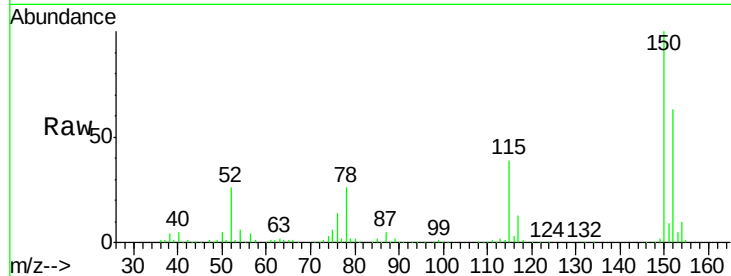
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.3	186.5
115	62.4	49.1	73.7

Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:54 AM

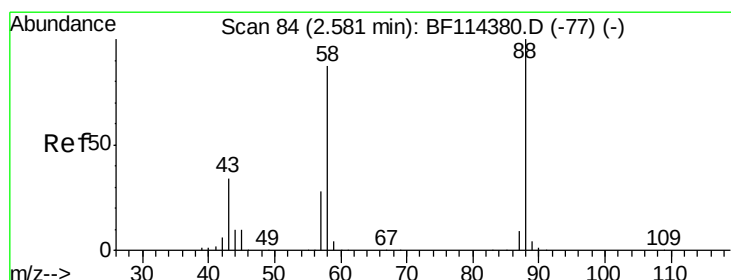
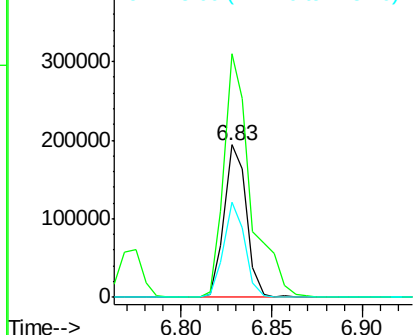
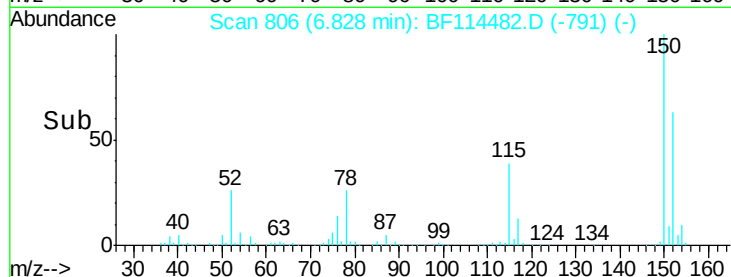


Abundance

Ion 152.00 (151.70 to 152.70): E

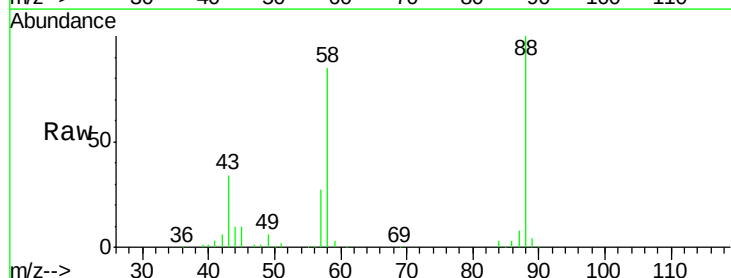
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 33.599 ng
 RT: 2.55 min Scan# 78
 Delta R.T. -0.04 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	68.7	103.1
43	34.0	28.2	42.2

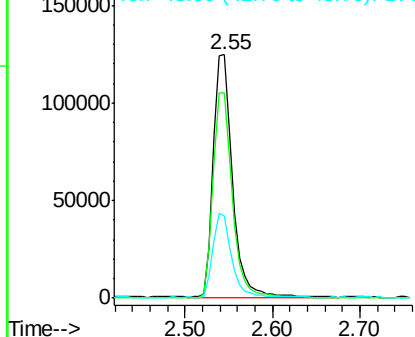
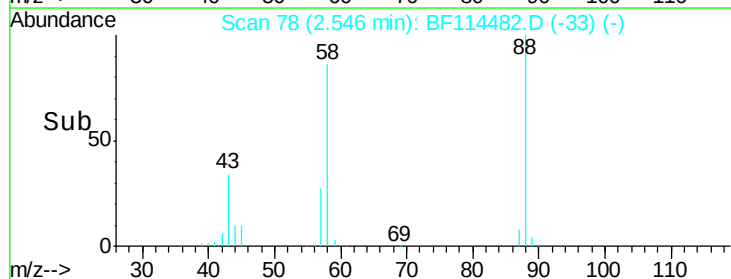


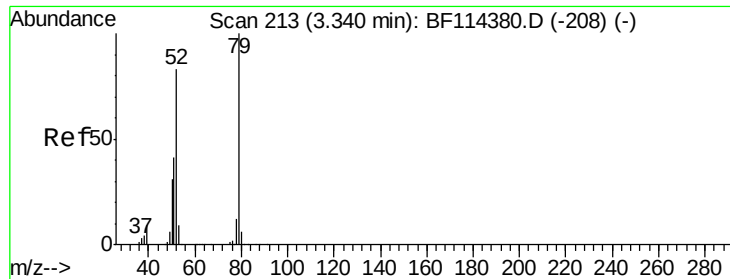
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.637 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.04 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

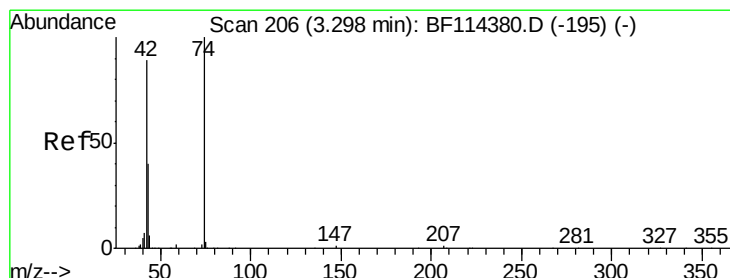
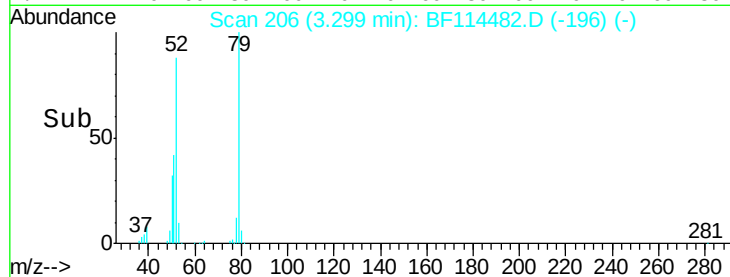
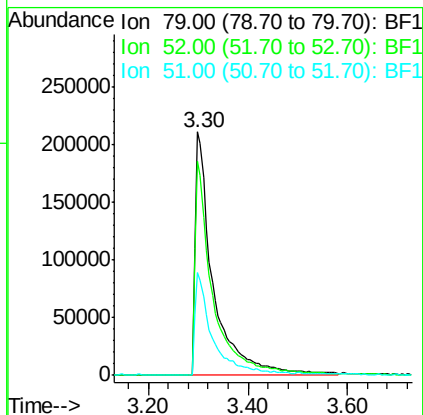
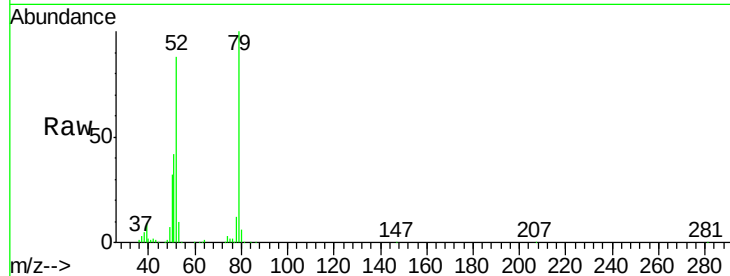
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	542735
Ion Ratio	Lower	Upper	
79	100		
52	88.2	70.6	105.8
51	42.1	34.2	51.2

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#4

n-Nitrosodimethylamine

Concen: 33.990 ng

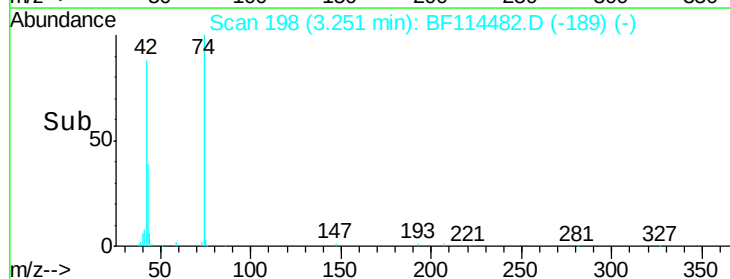
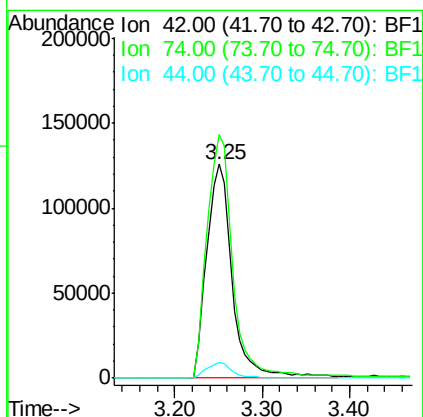
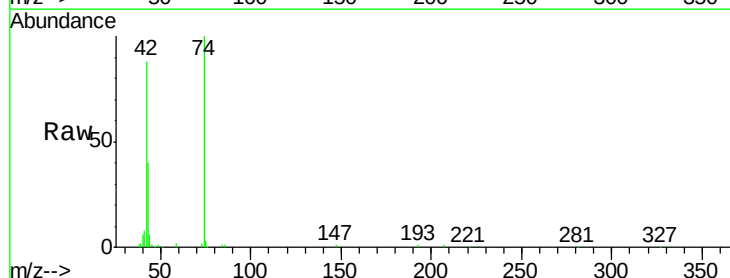
RT: 3.25 min Scan# 198

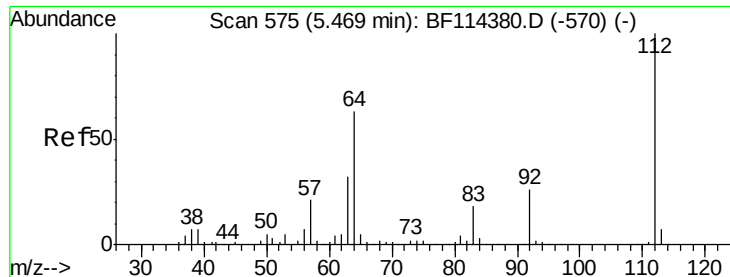
Delta R.T. -0.05 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	42	Resp:	256830
Ion Ratio	Lower	Upper	
42	100		
74	113.9	88.6	132.8
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 79.100 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

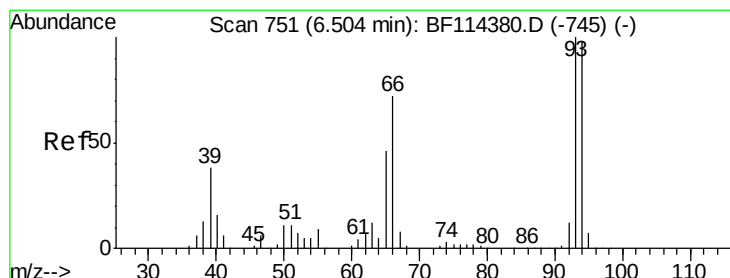
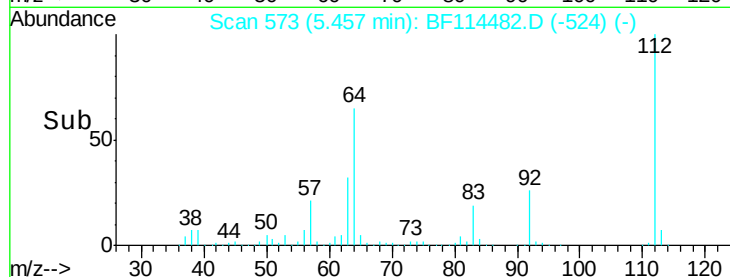
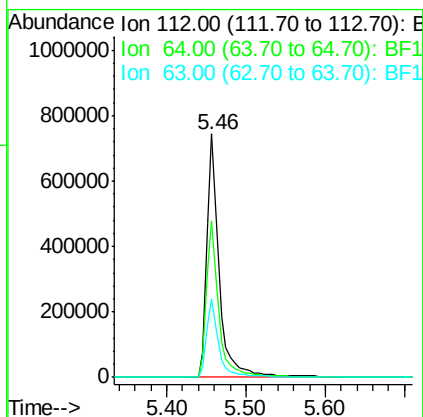
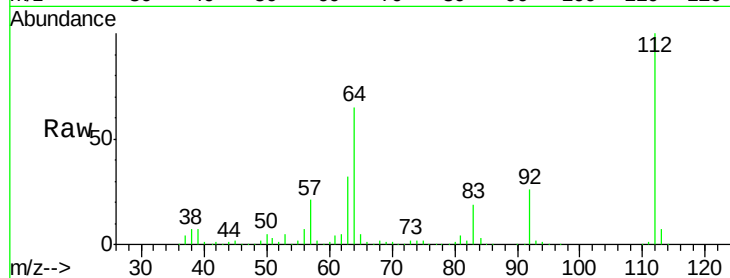
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	818409
Ion Ratio	Lower	Upper	
112	100		
64	64.5	49.0	73.6
63	32.2	24.6	37.0

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#6

Aniline

Concen: 40.266 ng

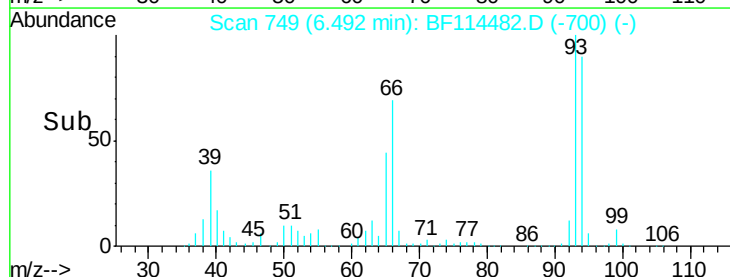
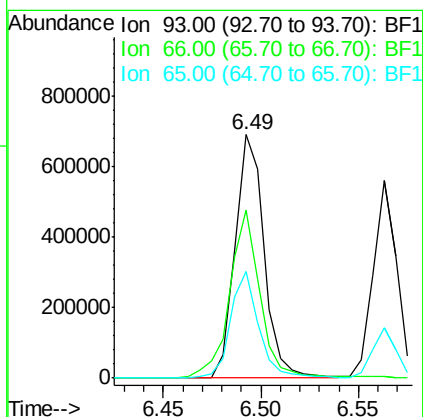
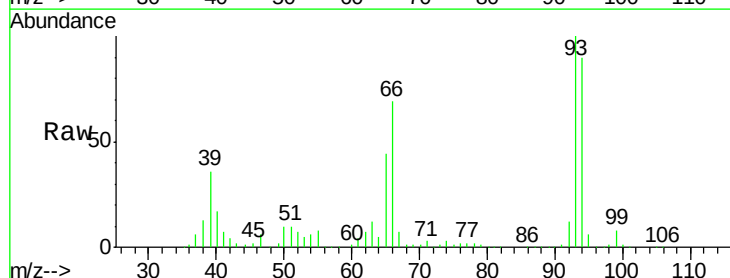
RT: 6.49 min Scan# 749

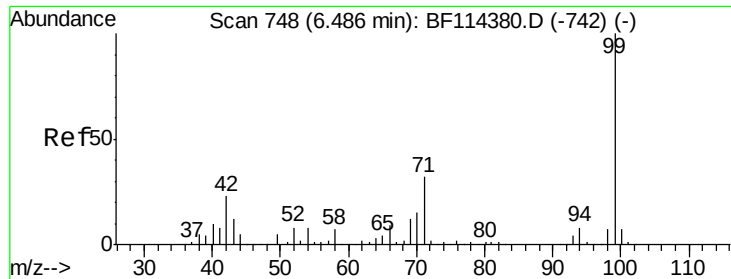
Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	93	Resp:	711775
Ion Ratio	Lower	Upper	
93	100		
66	68.8	33.2	49.8#
65	43.9	17.6	26.4#





#7

Phenol-d6

Concen: 83.748 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1024839

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

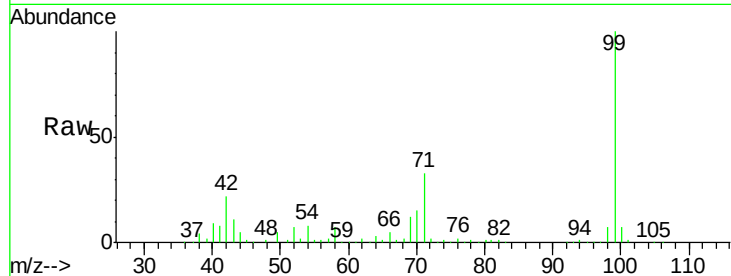
71 32.6 26.2 39.2

Manual Integrations

APPROVED

Sohil

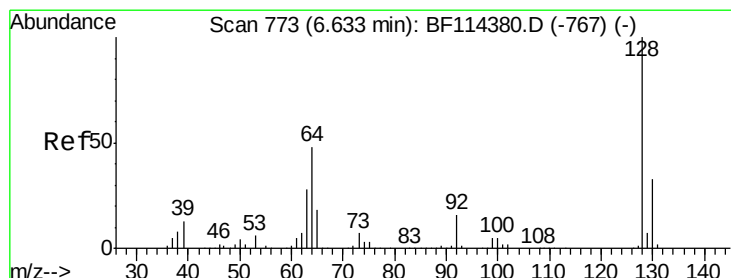
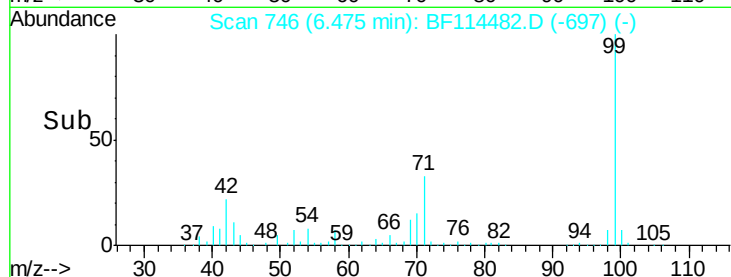
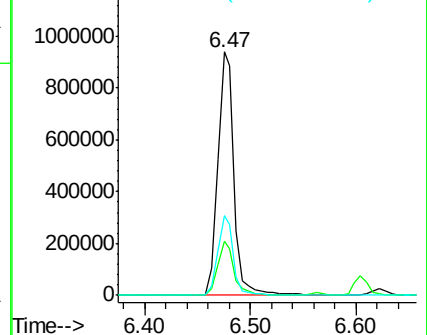
5/23/2019 8:15:54 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.910 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

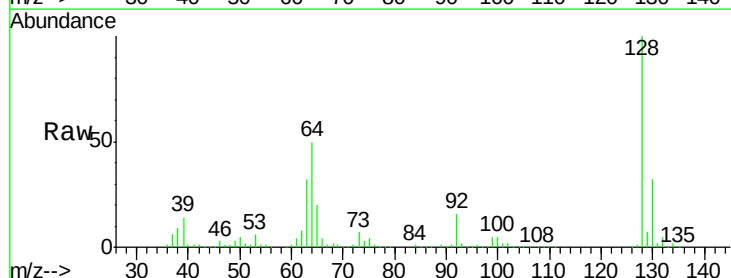
Tgt Ion: 128 Resp: 473959

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

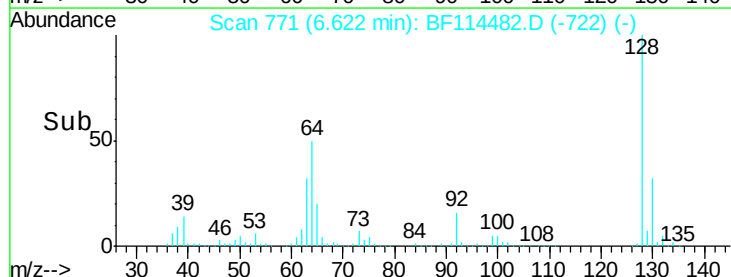
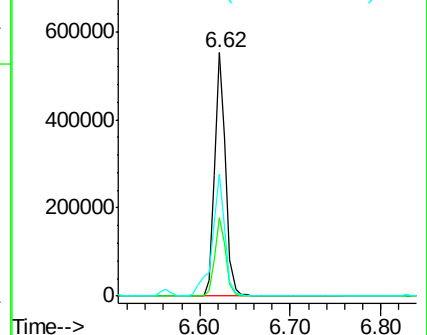
64 50.3 35.9 75.9

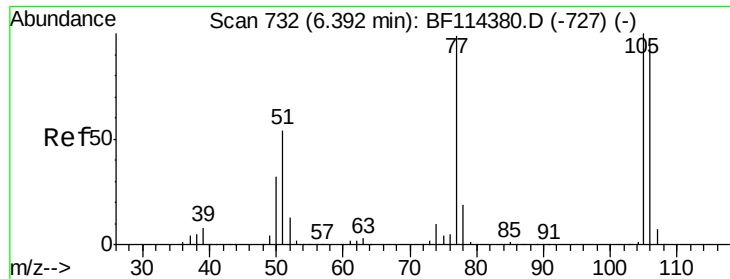


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.748 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

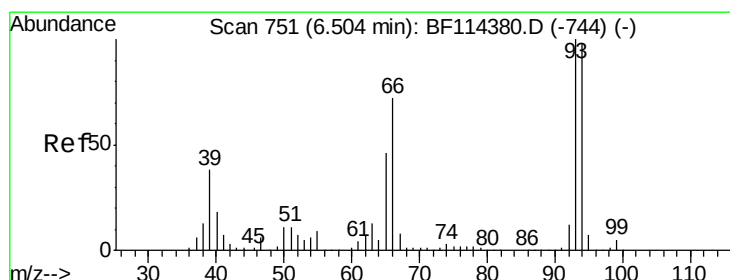
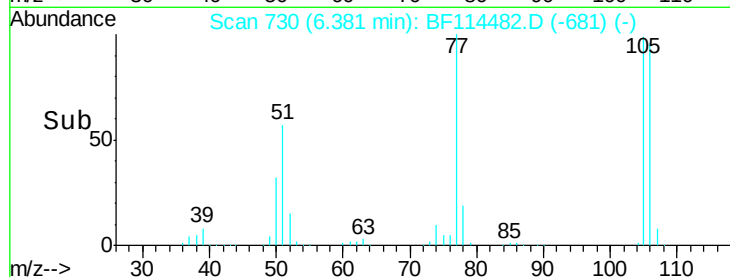
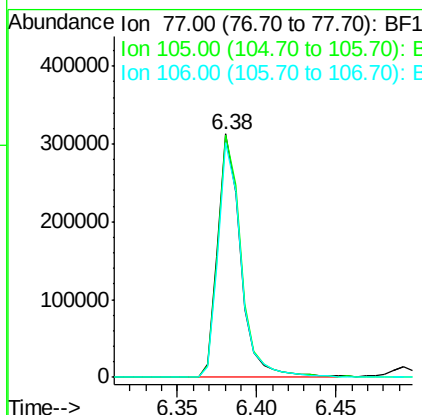
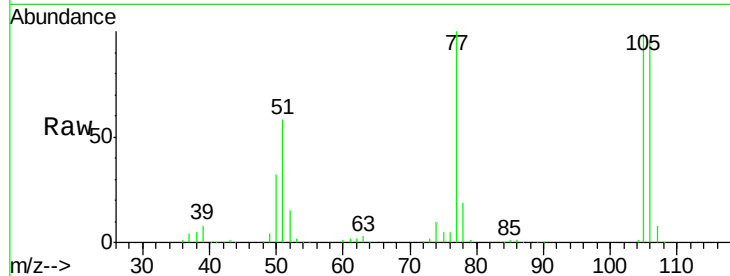
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	314818
Ion Ratio	Lower	Upper	
77	100		
105	99.4	79.3	119.3
106	96.1	77.0	117.0

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#10

Phenol

Concen: 40.782 ng

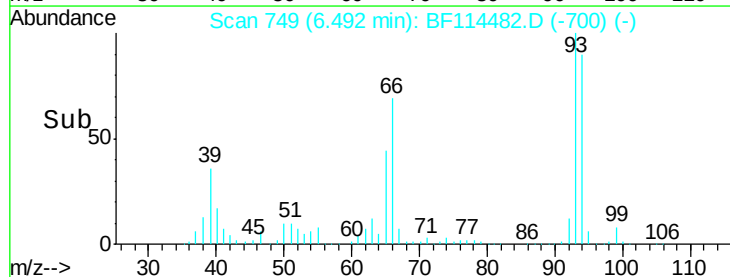
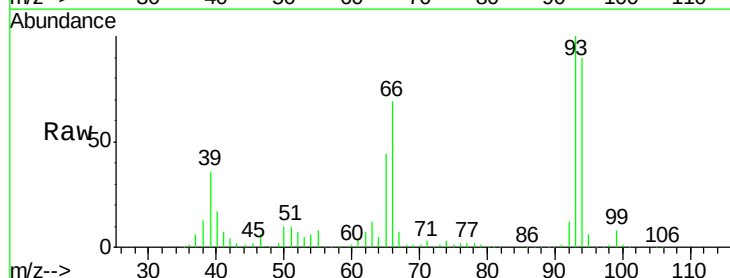
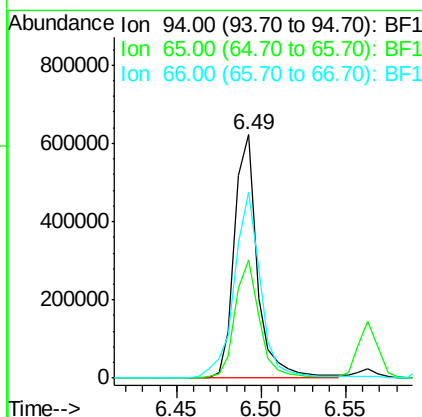
RT: 6.49 min Scan# 749

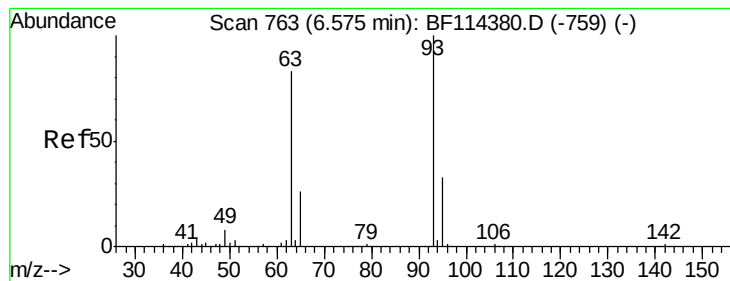
Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	94	Resp:	587071
Ion Ratio	Lower	Upper	
94	100		
65	48.8	14.7	54.7
66	76.5	29.6	69.6#





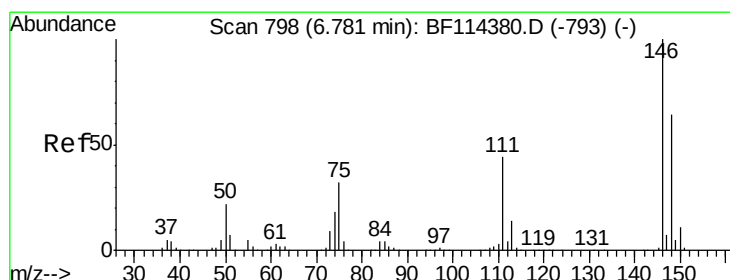
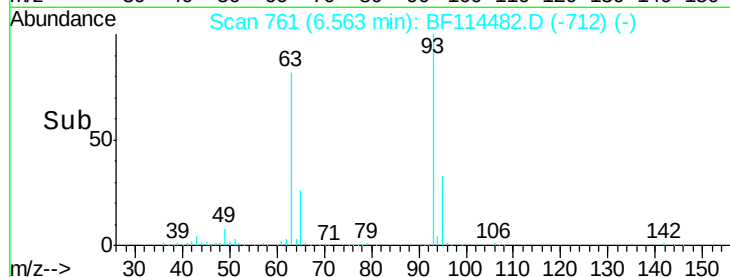
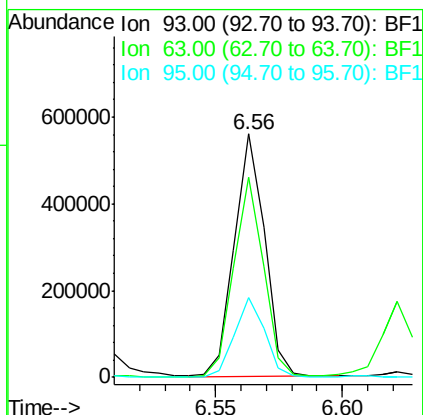
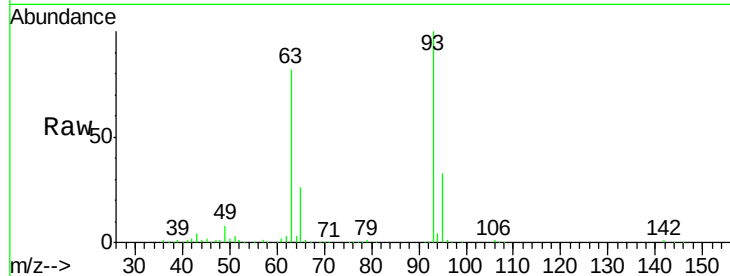
#11
bis(2-Chloroethyl)ether
Concen: 42.636 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	465965		
63	82.2	63.6	103.6	
95	32.9	13.1	53.1	

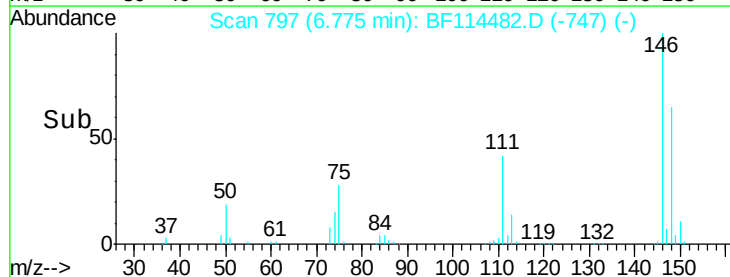
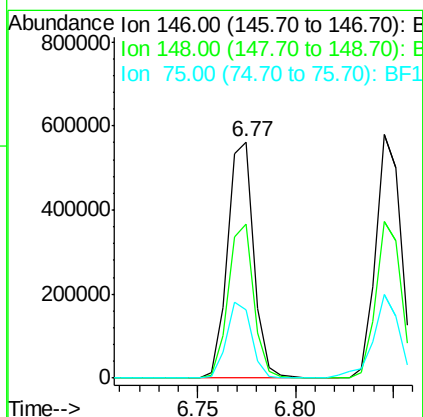
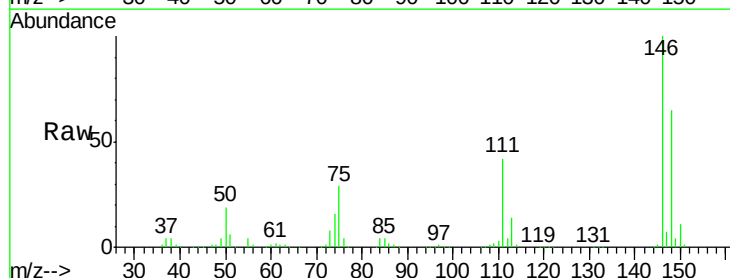
Manual Integrations
APPROVED

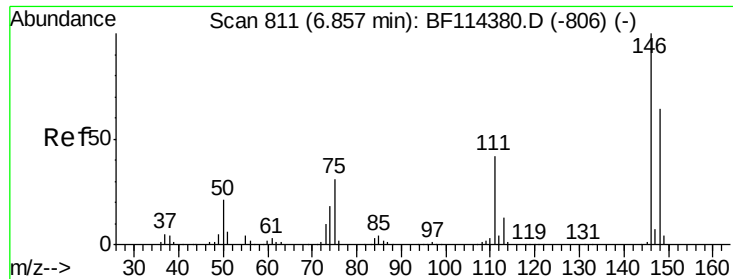
Sohil
5/23/2019 8:15:54 AM



#12
1,3-Dichlorobenzene
Concen: 42.242 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	523741		
148	65.2	51.6	77.4	
75	28.6	24.2	36.2	





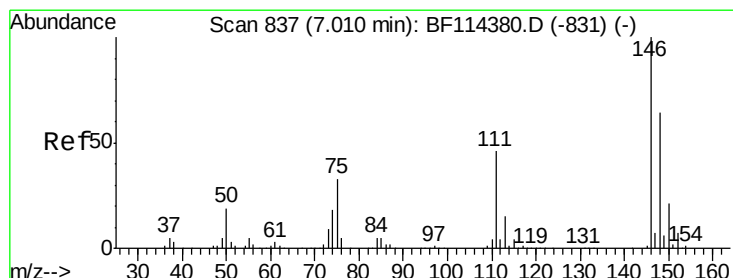
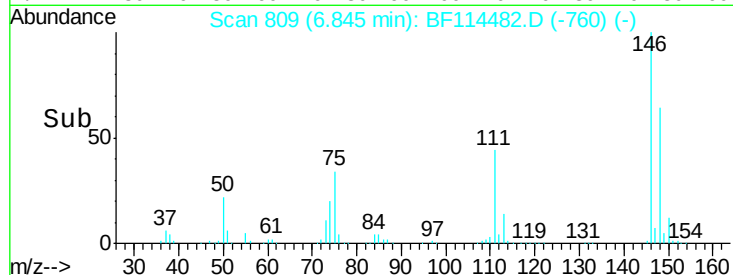
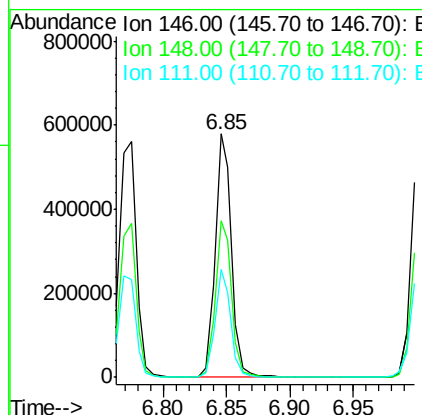
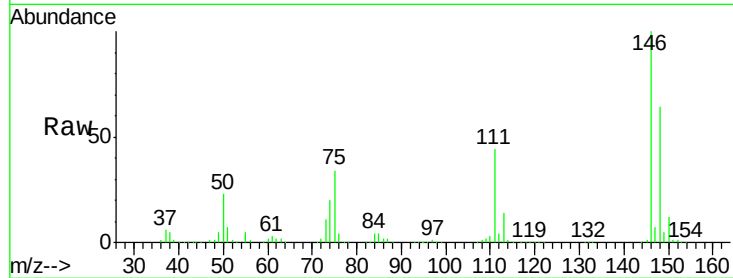
#13
 1,4-Dichlorobenzene
 Concen: 42.253 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	44.3	35.8	53.6

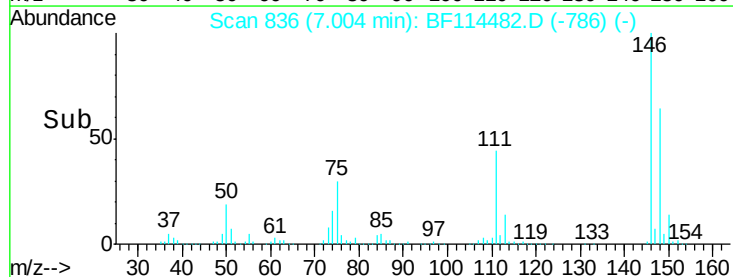
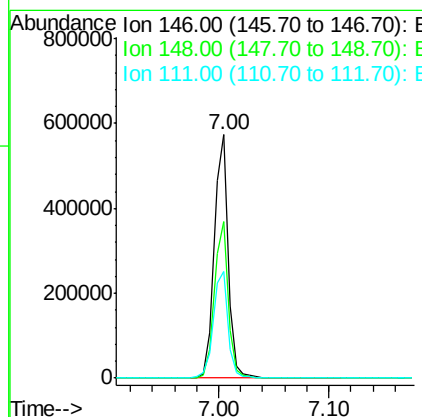
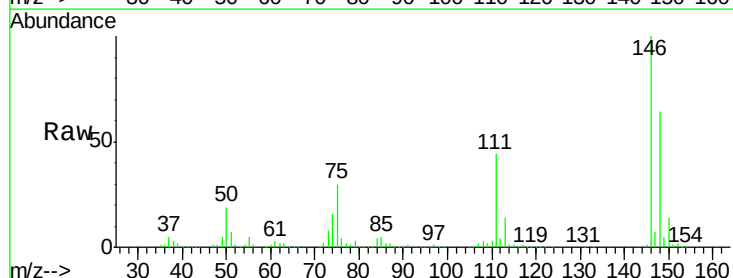
Manual Integrations
 APPROVED

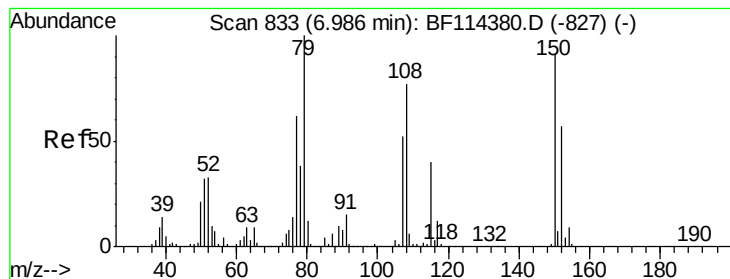
Sohil
 5/23/2019 8:15:54 AM



#14
 1,2-Dichlorobenzene
 Concen: 42.637 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	43.8	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.980 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

ClientSampled :

SSTDCCC040EC

Tgt Ion: 79 Resp: 381581
Ion Ratio Lower Upper

79 100

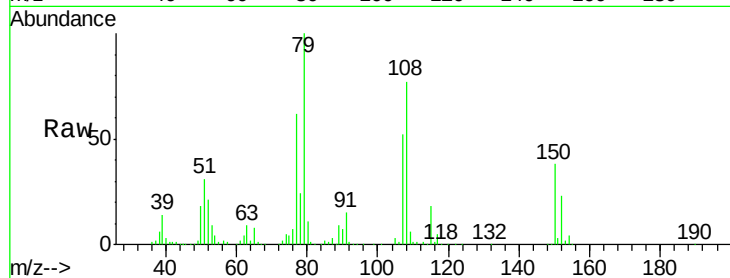
108 76.7 62.1 93.1

77 62.1 51.0 76.6

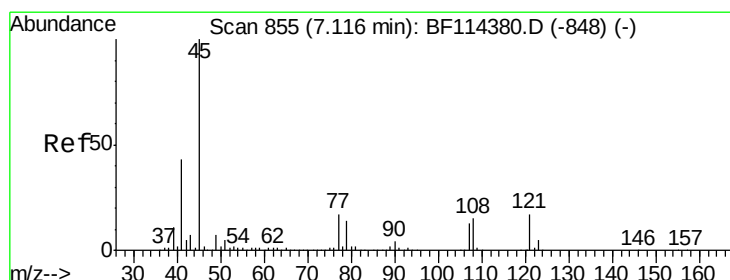
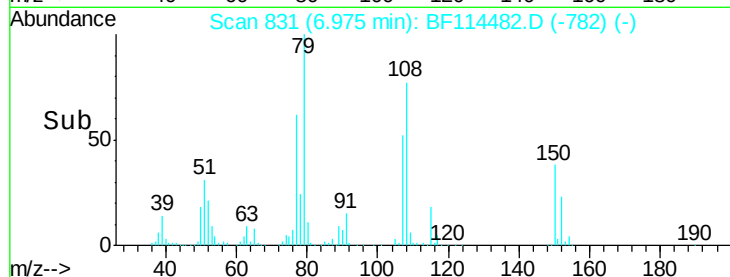
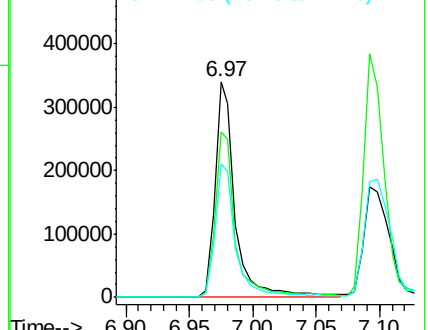
Manual Integrations
APPROVED

Sohil

5/23/2019 8:15:54 AM



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.044 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114482.D

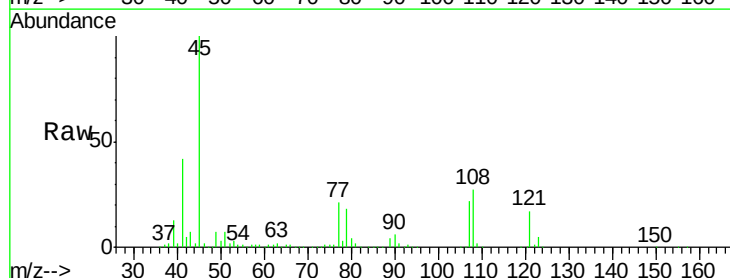
Acq: 22 May 2019 3:45

Tgt Ion: 45 Resp: 869748
Ion Ratio Lower Upper

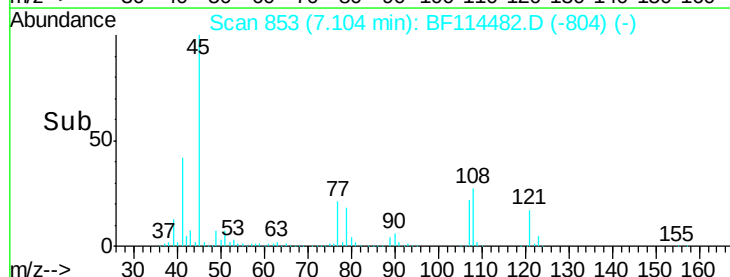
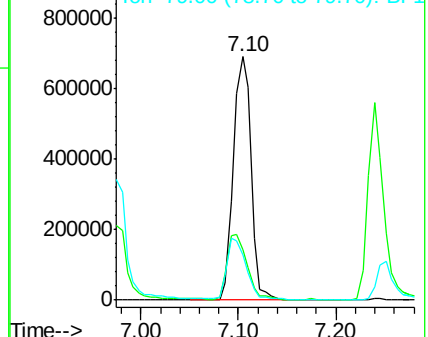
45 100

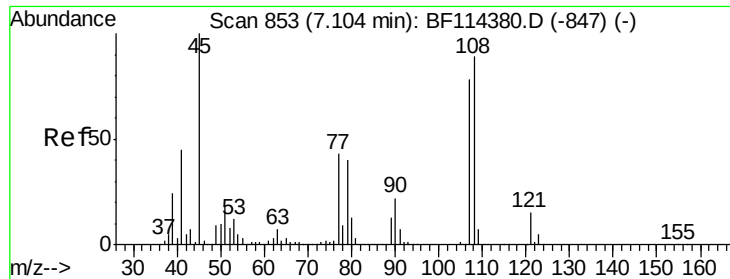
77 20.9 0.0 31.1

79 18.4 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





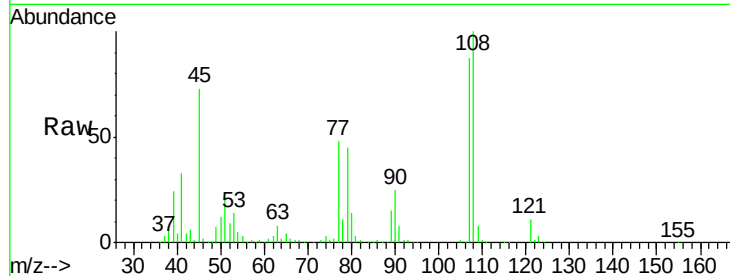
#17
2-Methylphenol
Concen: 41.416 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	375787		
108	115.2	90.5	135.7	
77	55.0	37.0	55.4	
79	52.1	35.8	53.8	

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



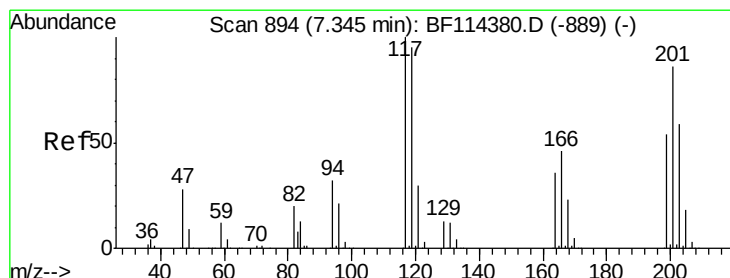
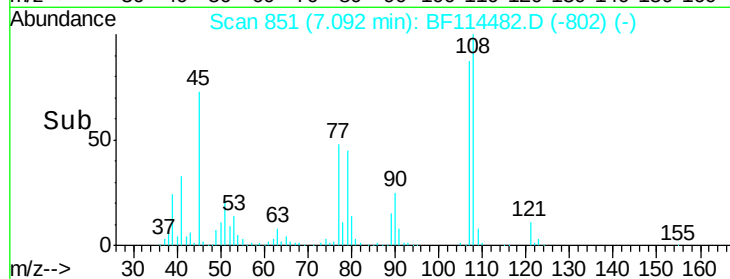
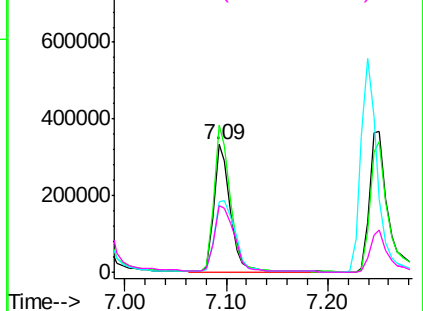
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.992 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

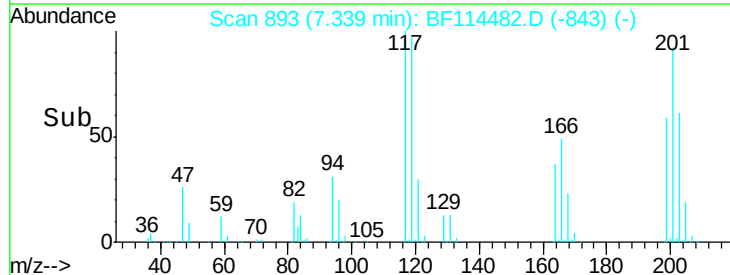
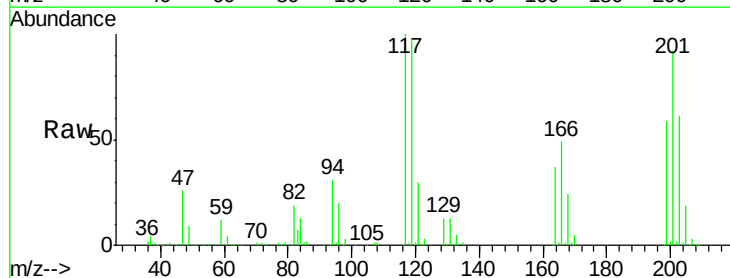
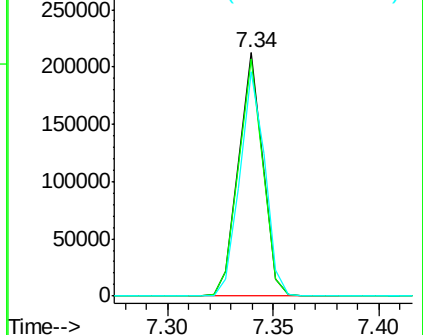
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	168791		
119	97.2	77.4	116.2	
201	92.1	74.5	111.7	

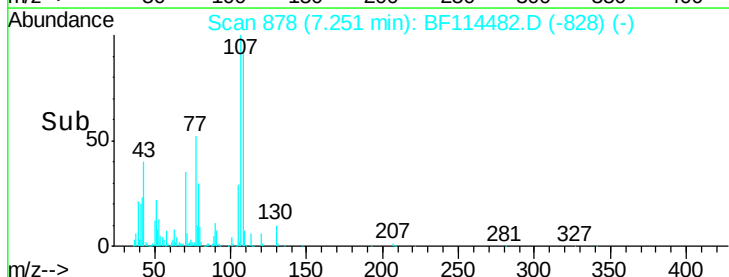
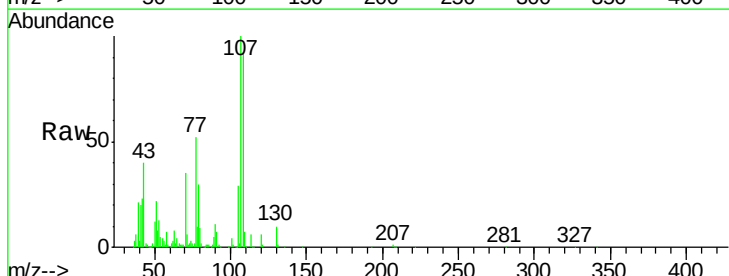
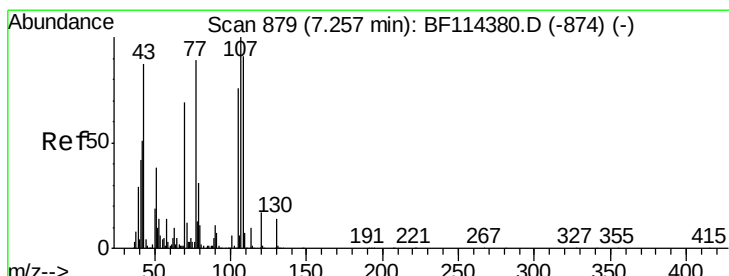
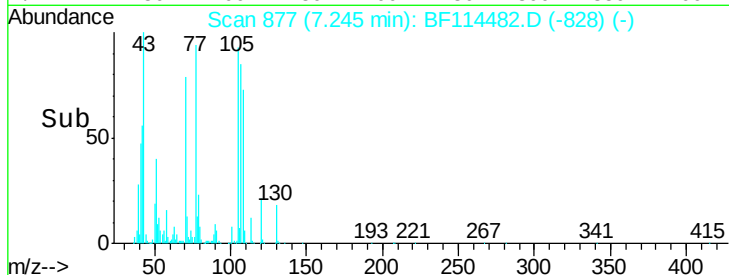
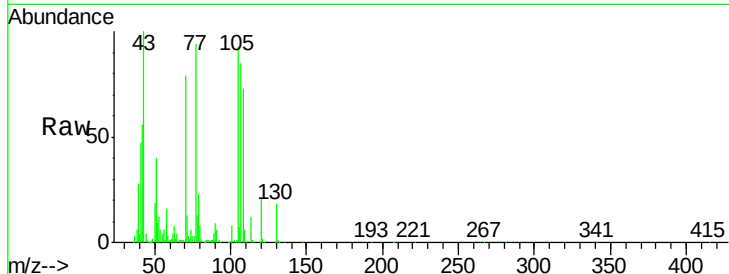
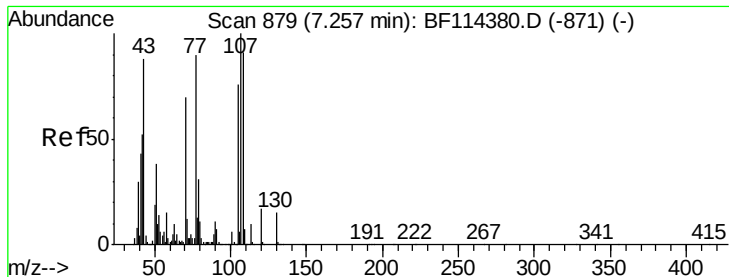
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





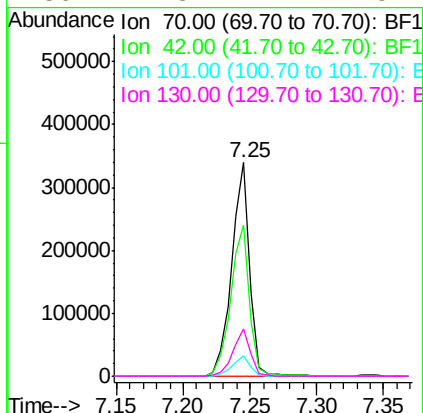
#19
n-Nitroso-di-n-propylamine
Concen: 41.587 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.9	58.6	87.8
101	9.6	7.8	11.8
130	22.3	17.1	25.7

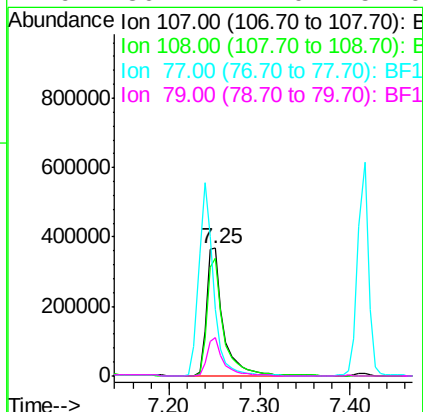
Manual Integrations
APPROVED

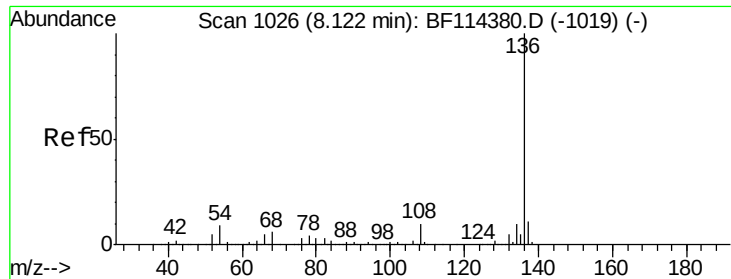
Sohil
5/23/2019 8:15:54 AM



#20
3+4-Methylphenols
Concen: 45.458 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.8	113.8
77	51.7	111.5	151.5#
79	30.1	12.0	52.0





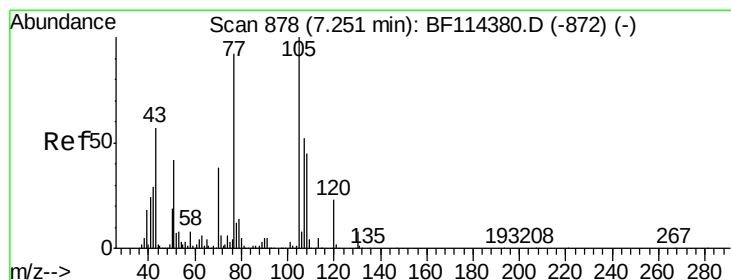
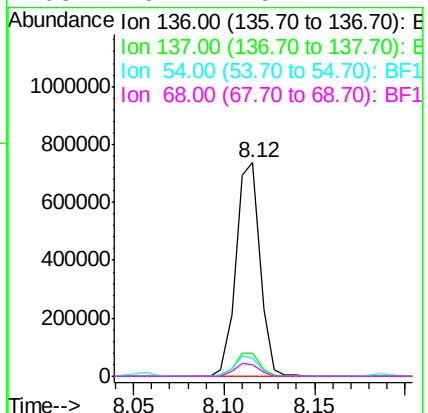
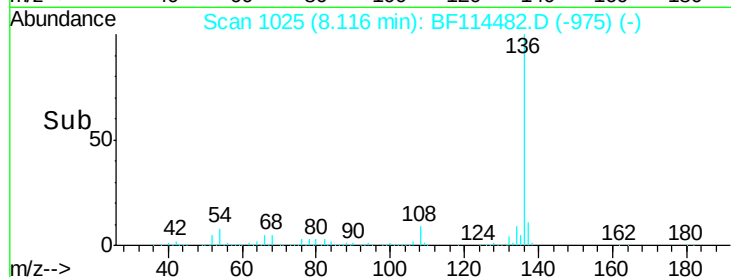
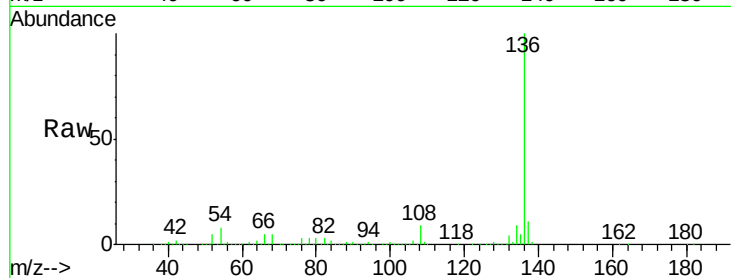
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	681491		
137	10.7	8.8	13.2	
54	8.3	7.8	11.8	
68	5.4	5.1	7.7	

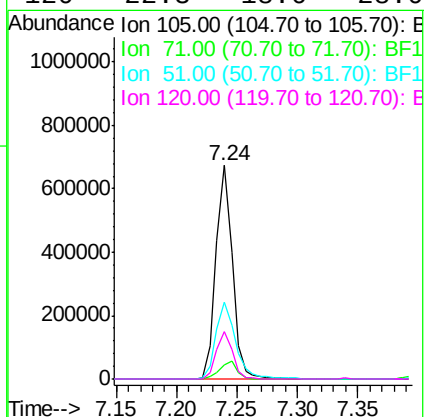
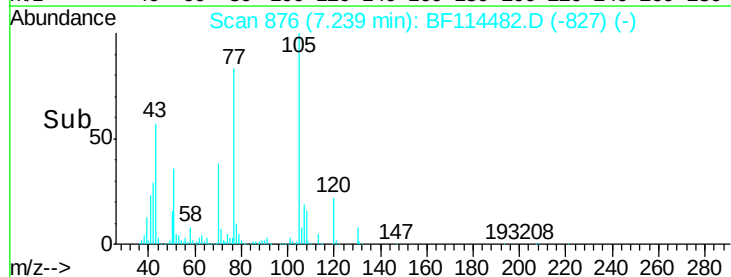
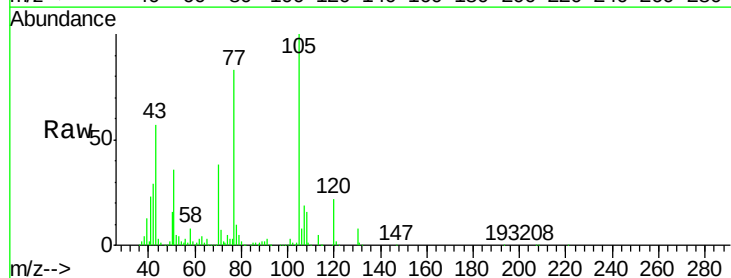
Manual Integrations
APPROVED

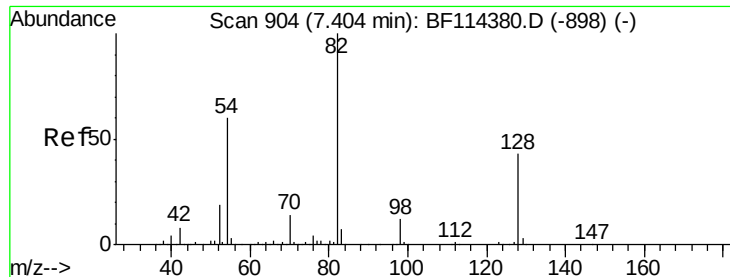
Sohil
5/23/2019 8:15:54 AM



#22
Acetophenone
Concen: 41.685 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	629330		
71	6.5	5.3	7.9	
51	35.9	36.2	54.4	#
120	22.3	18.6	28.0	





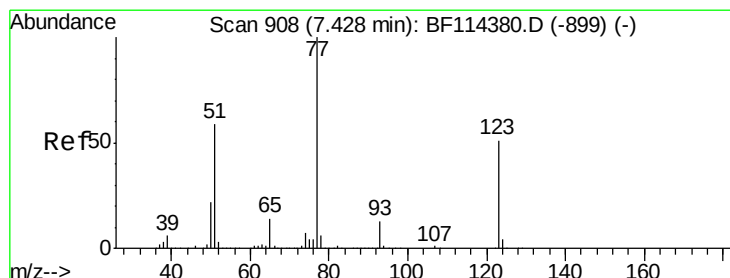
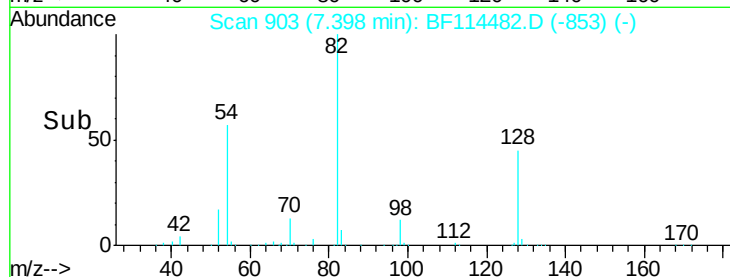
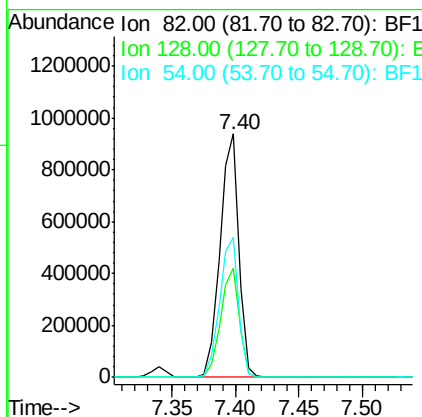
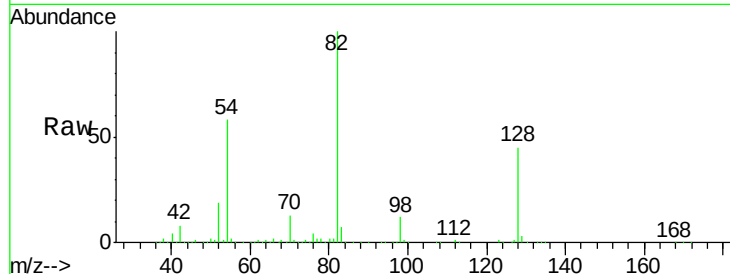
#23
 Nitrobenzene-d5
 Concen: 80.200 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.5	53.3
54	57.7	48.5	72.7

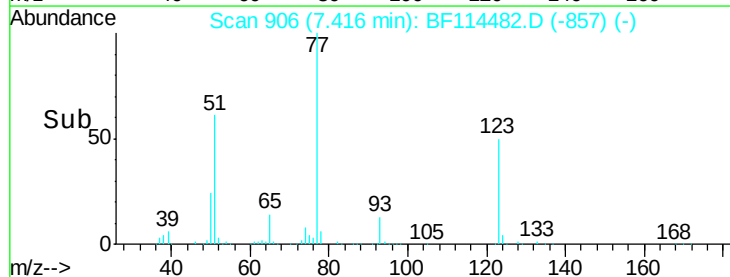
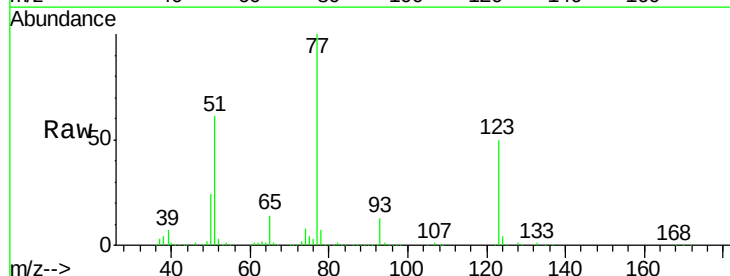
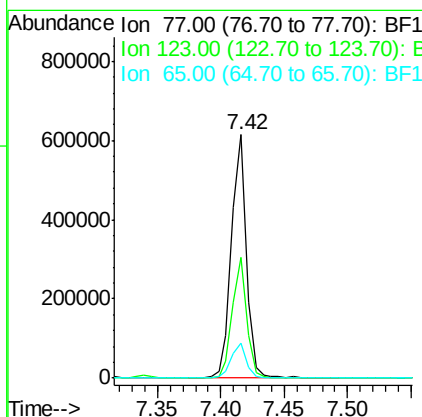
Manual Integrations
 APPROVED

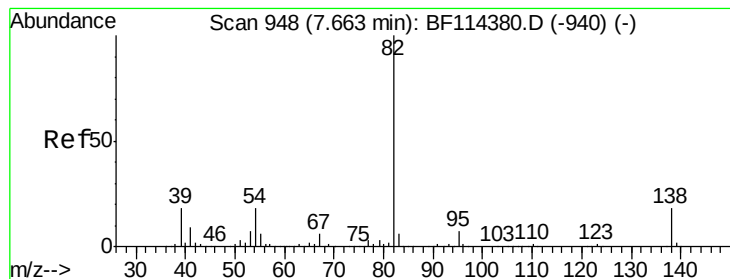
Sohil
 5/23/2019 8:15:54 AM



#24
 Nitrobenzene
 Concen: 40.112 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	36.9	55.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 39.685 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

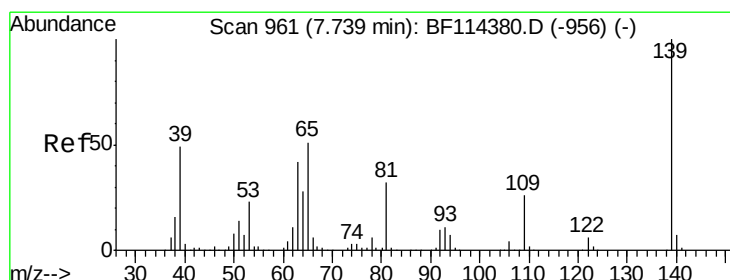
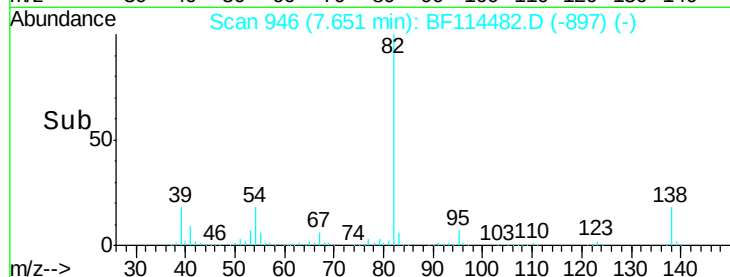
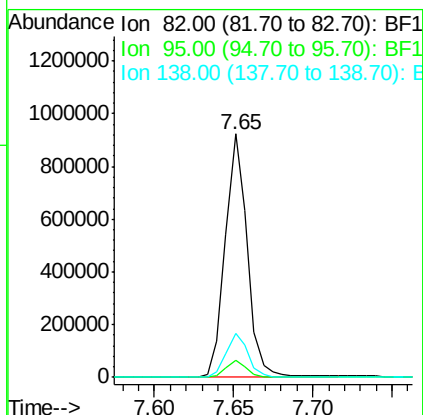
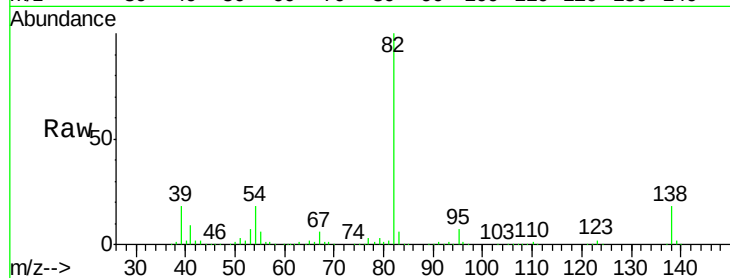
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	893766
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	18.0	14.8	22.2

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#26

2-Nitrophenol

Concen: 37.353 ng

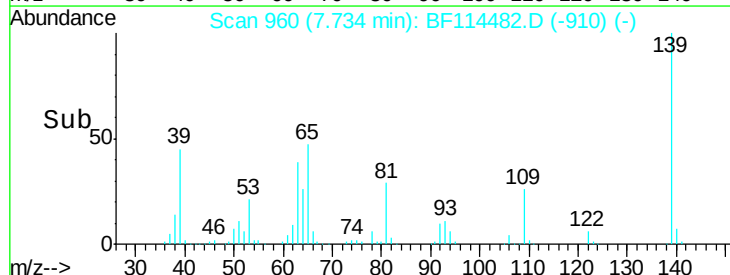
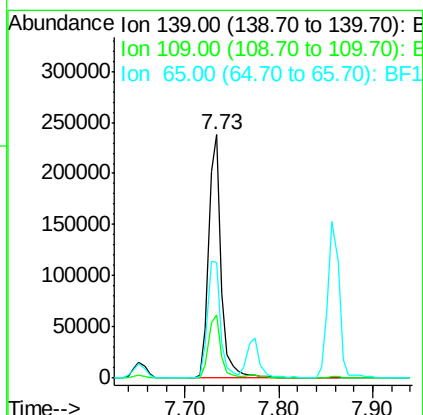
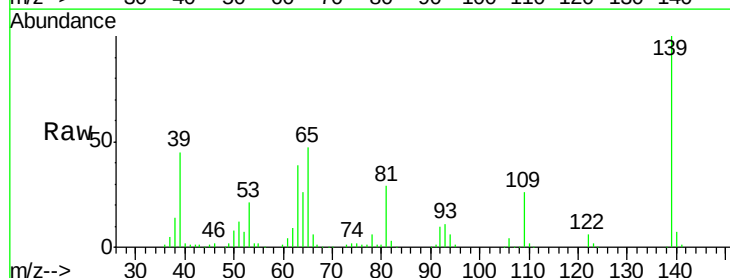
RT: 7.73 min Scan# 960

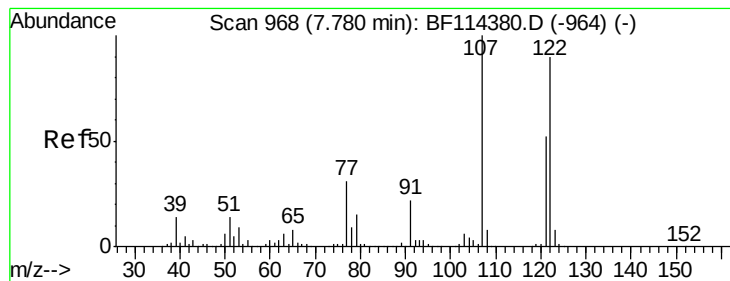
Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	139	Resp:	224140
Ion Ratio	Lower	Upper	
139	100		
109	26.0	20.7	31.1
65	47.5	40.2	60.2





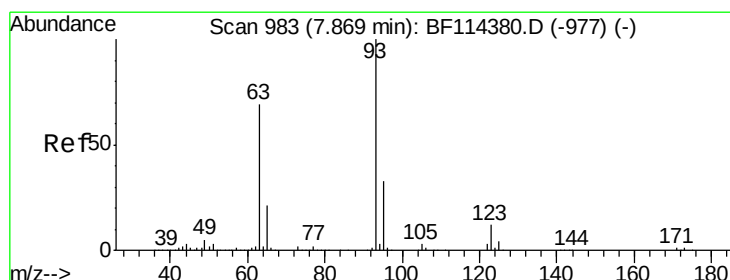
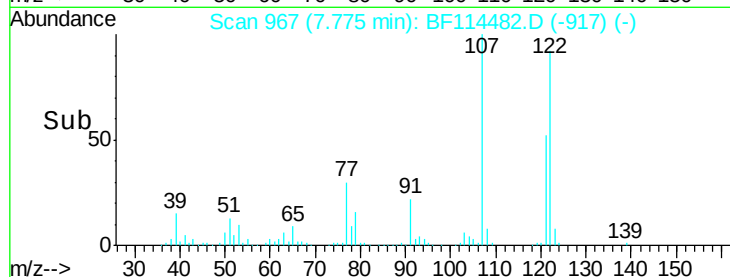
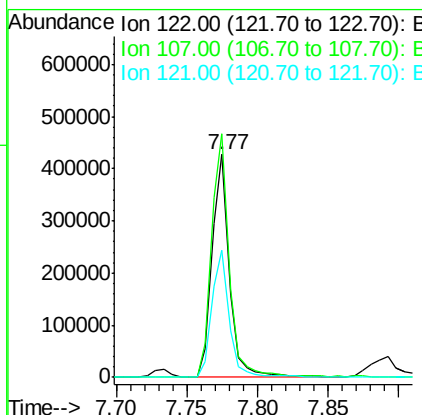
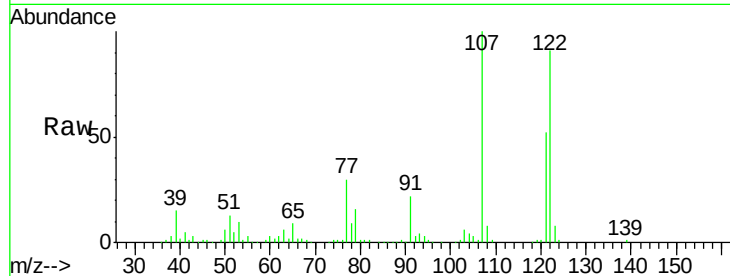
#27
2,4-Dimethylphenol
Concen: 38.535 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	363168		
107	109.3	88.4	132.6	
121	57.0	45.9	68.9	

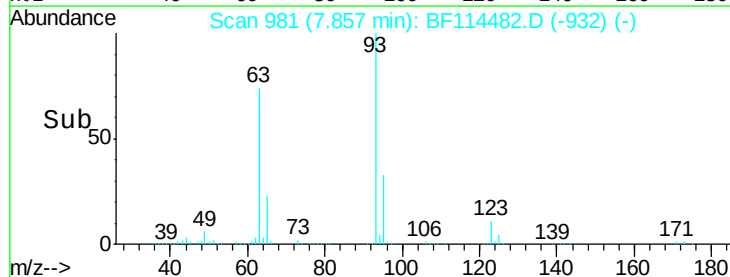
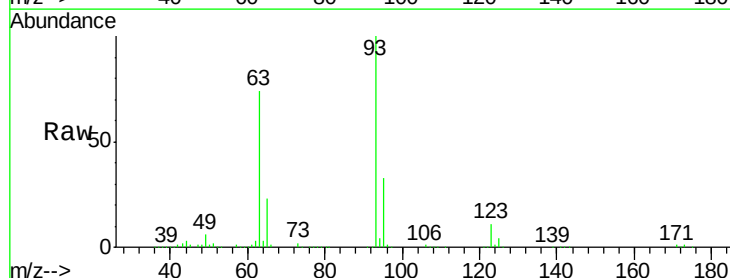
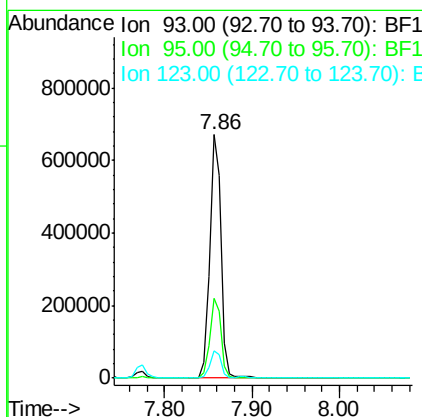
Manual Integrations
APPROVED

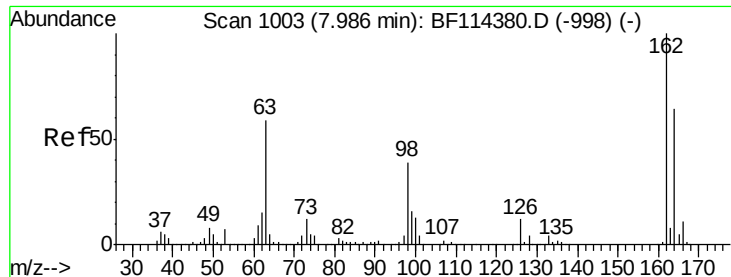
Sohil
5/23/2019 8:15:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.986 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	598912		
95	33.0	26.8	40.2	
123	11.3	9.5	14.3	





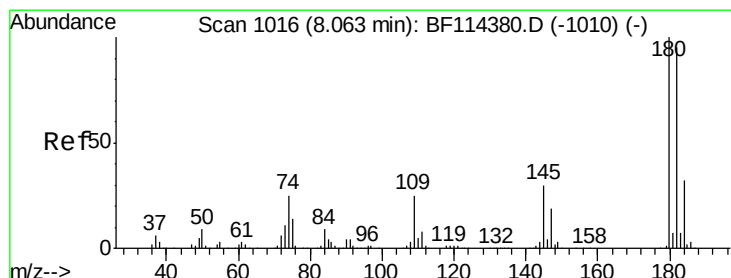
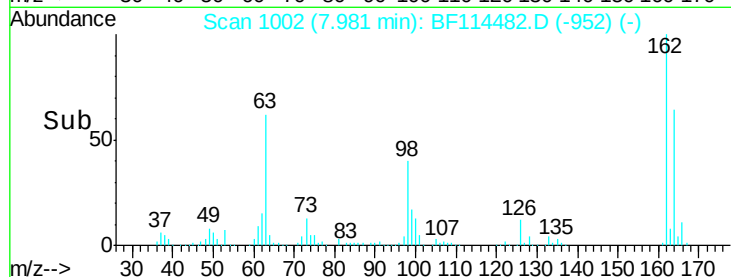
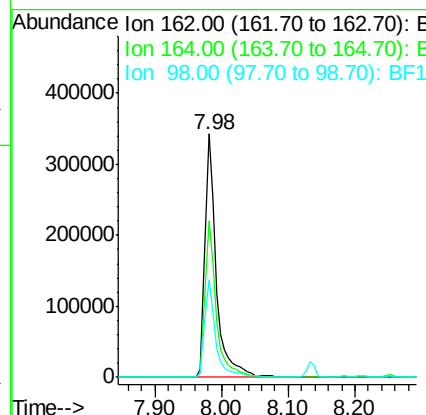
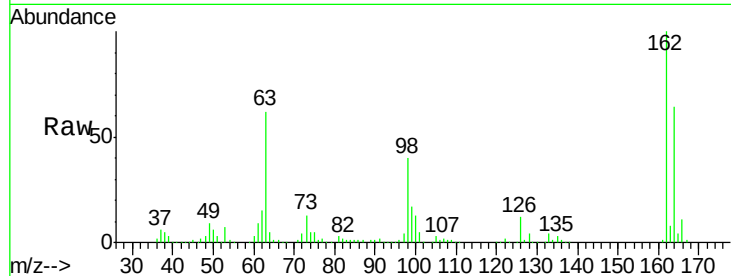
#29
 2,4-Dichlorophenol
 Concen: 41.427 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	43.6	83.6
98	40.0	20.6	60.6

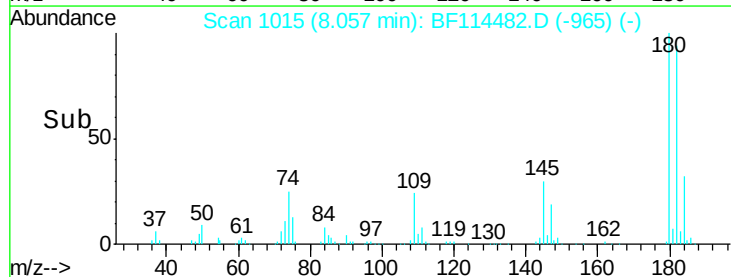
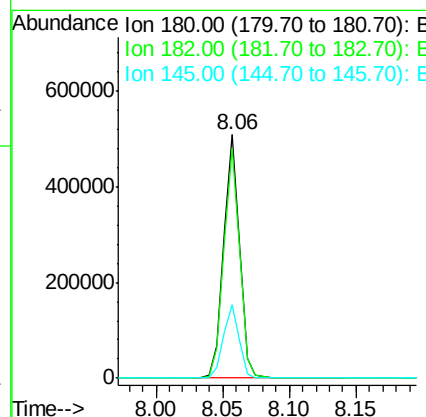
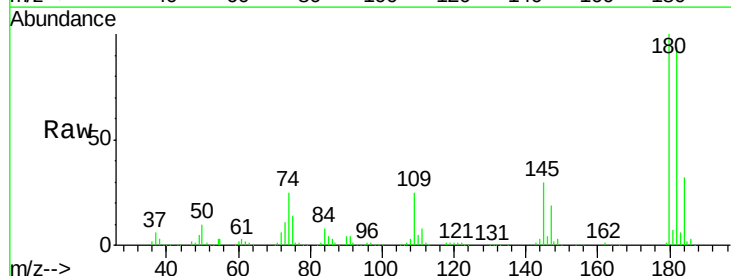
Manual Integrations
 APPROVED

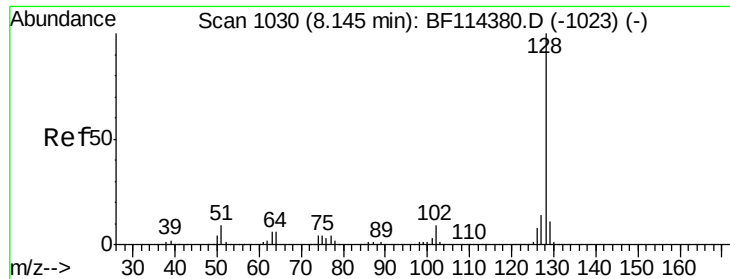
Sohil
 5/23/2019 8:15:54 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.164 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	76.6	114.8
145	30.4	25.1	37.7





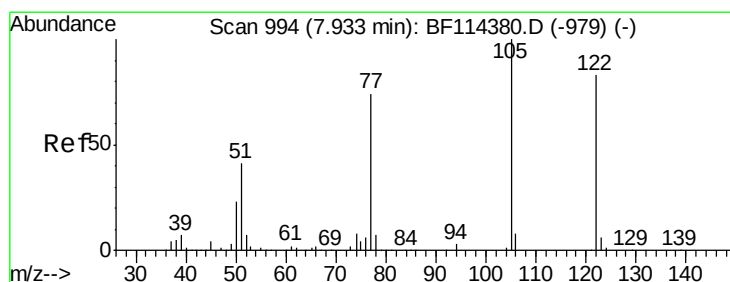
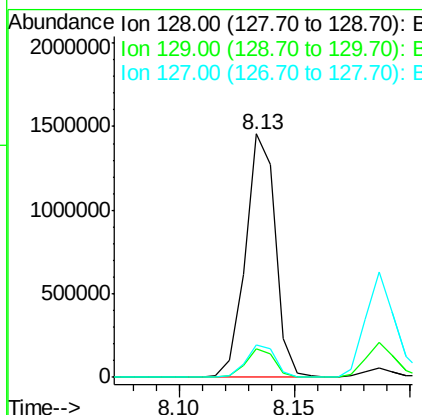
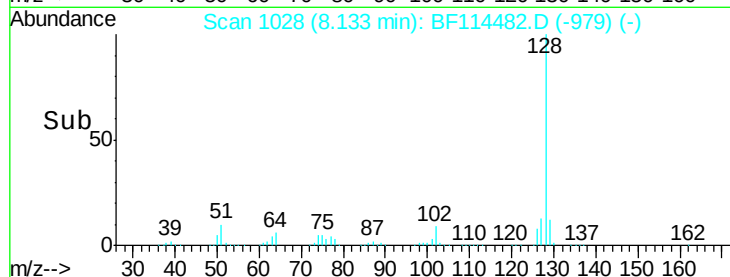
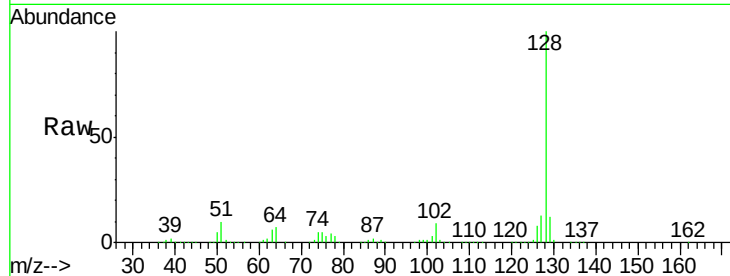
#31
Naphthalene
Concen: 41.284 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.5	11.3	16.9

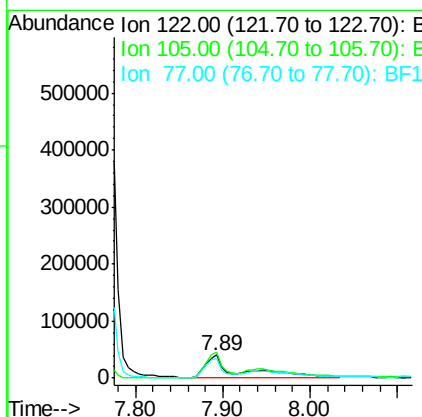
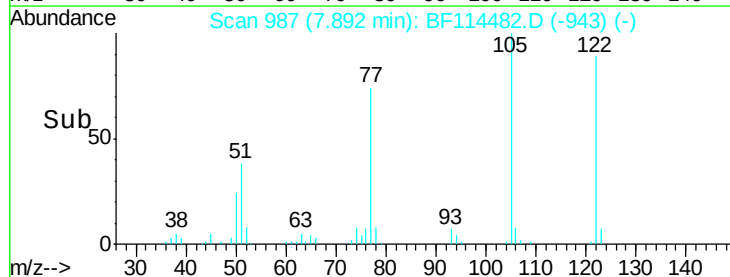
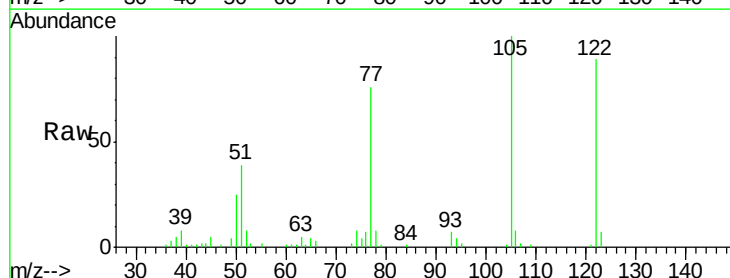
Manual Integrations
APPROVED

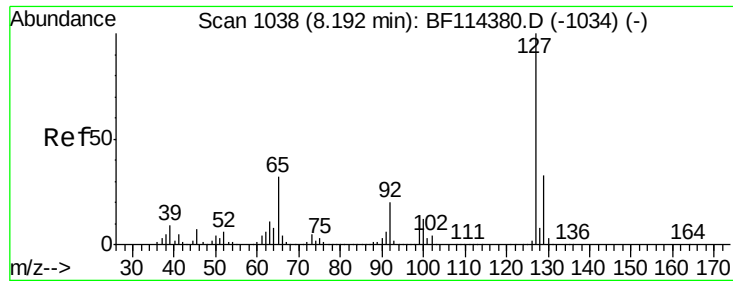
Sohil
5/23/2019 8:15:54 AM



#32
Benzoic acid
Concen: 21.387 ng m
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.0	99.9	139.9
77	85.8	69.4	109.4





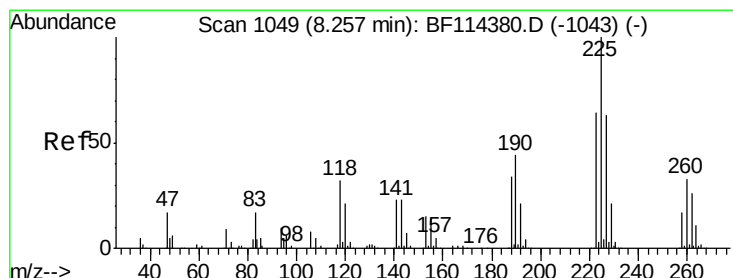
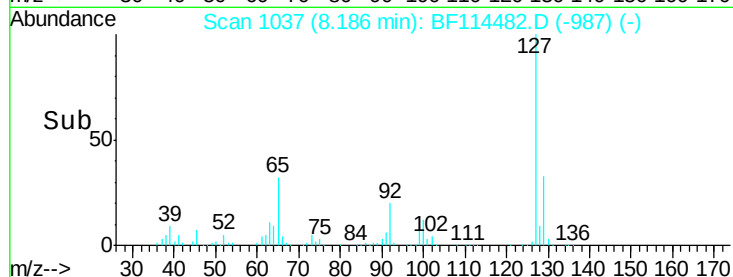
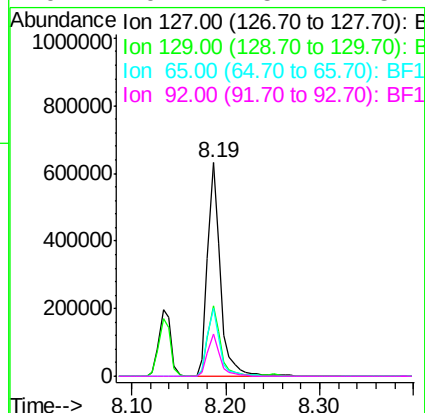
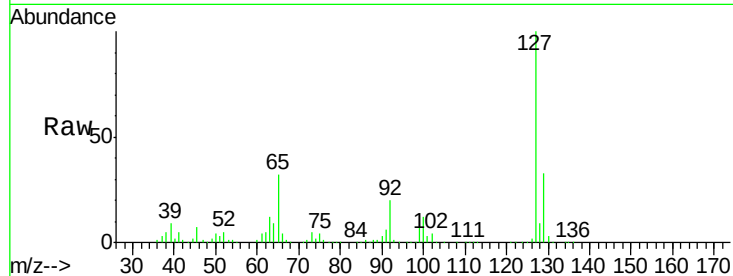
#33
4-Chloroaniline
Concen: 41.653 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		604233		
129	33.3	26.7	40.1		
65	32.1	25.4	38.0		
92	19.7	15.4	23.2		

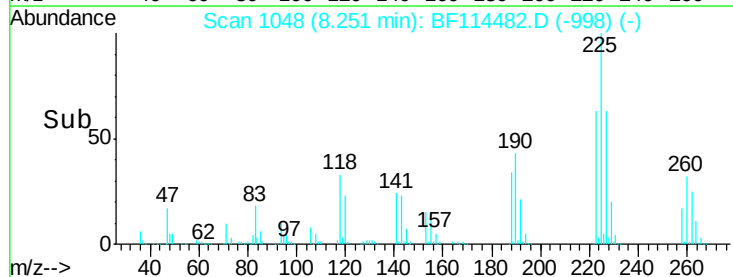
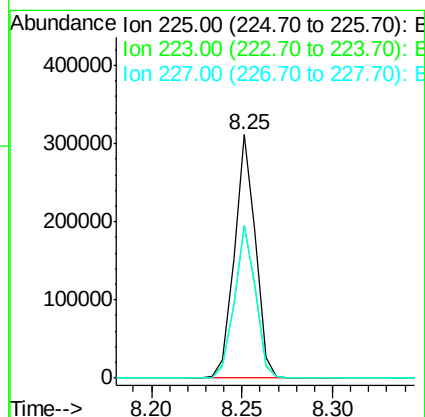
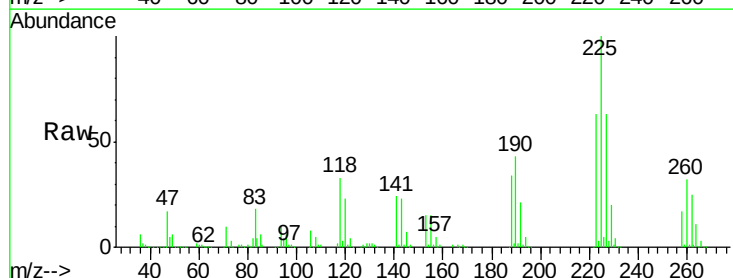
Manual Integrations
APPROVED

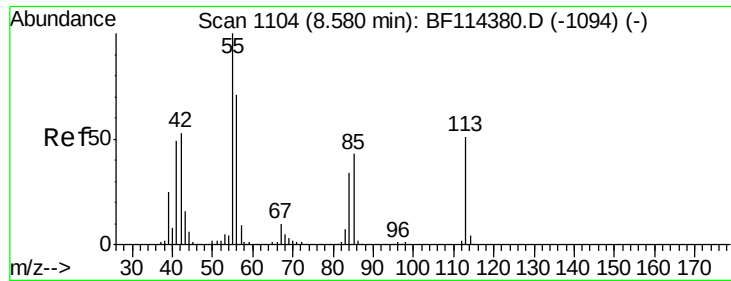
Sohil
5/23/2019 8:15:54 AM



#34
Hexachlorobutadiene
Concen: 41.425 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		251530		
223	62.9	50.2	75.2		
227	62.6	52.6	79.0		





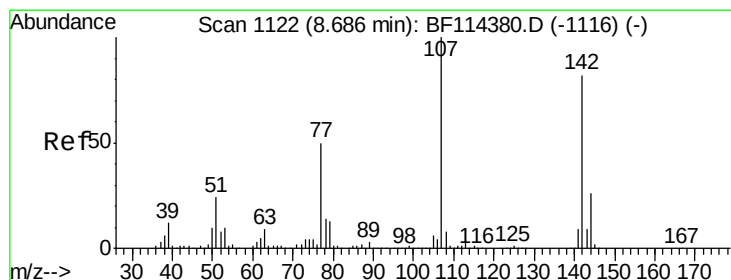
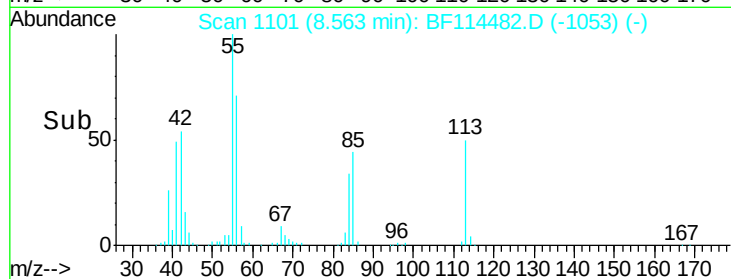
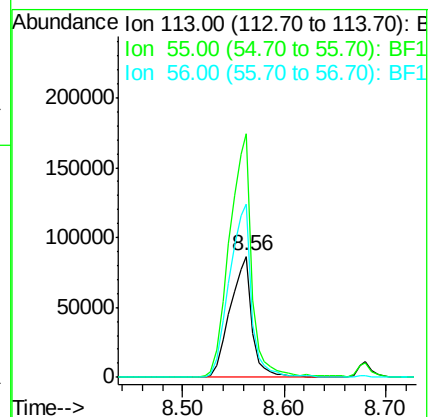
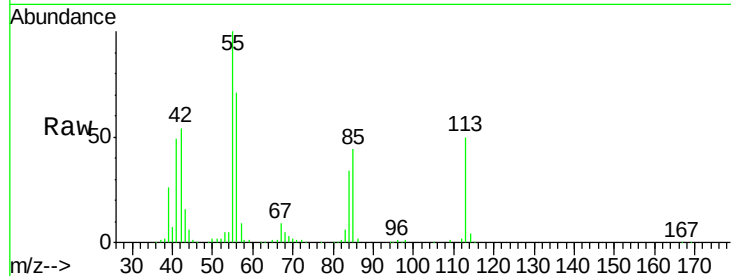
#35
 Caprolactam
 Concen: 42.713 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 130704
 Ion Ratio Lower Upper
 113 100
 55 200.8 183.5 223.5
 56 143.2 128.8 168.8

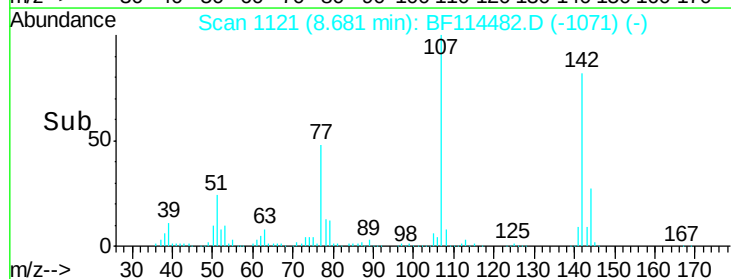
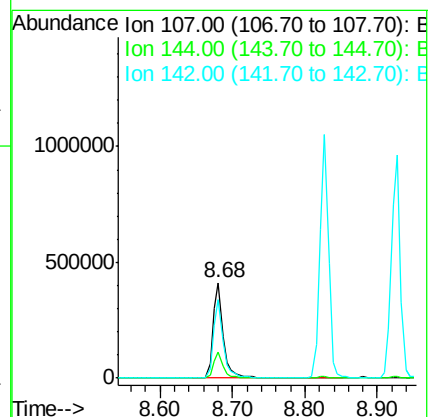
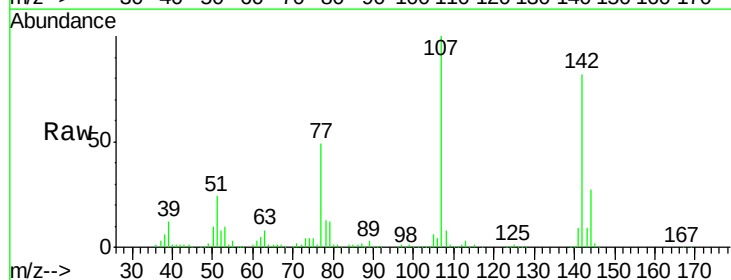
Manual Integrations
 APPROVED

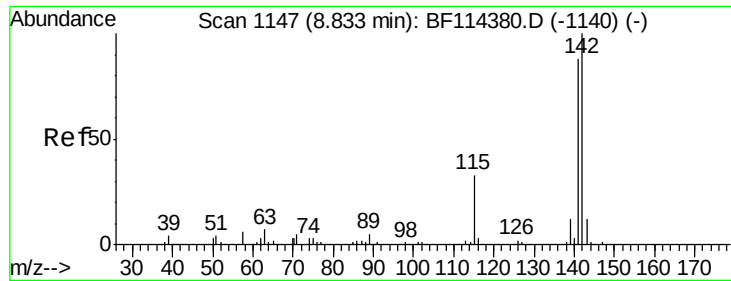
Sohil
 5/23/2019 8:15:54 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.300 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion:107 Resp: 399582
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.4 30.6
 142 82.3 64.2 96.4





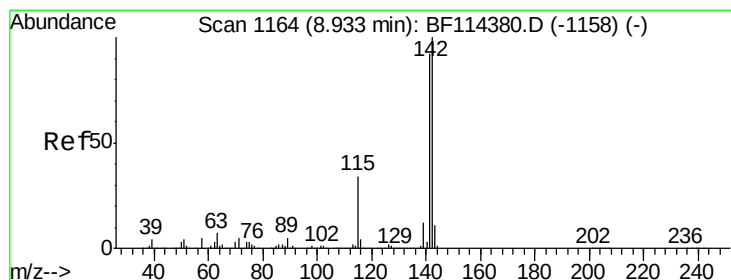
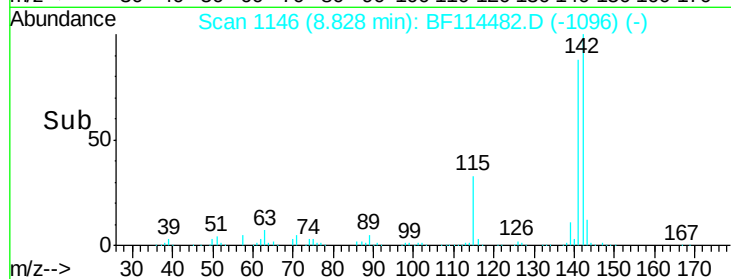
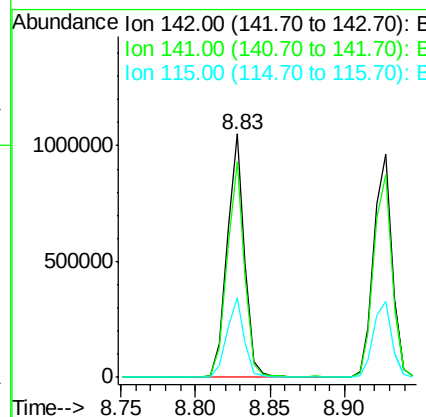
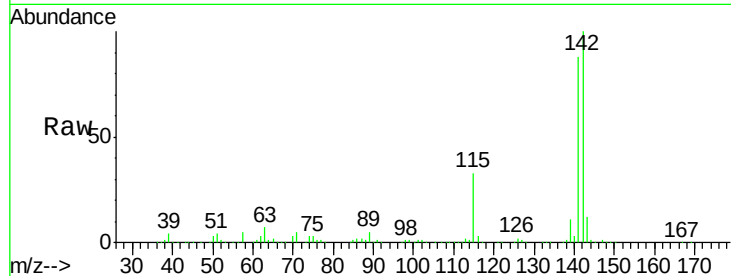
#37
2-Methylnaphthalene
Concen: 42.291 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	868600		
141	88.4	72.1	108.1	
115	32.9	28.0	42.0	

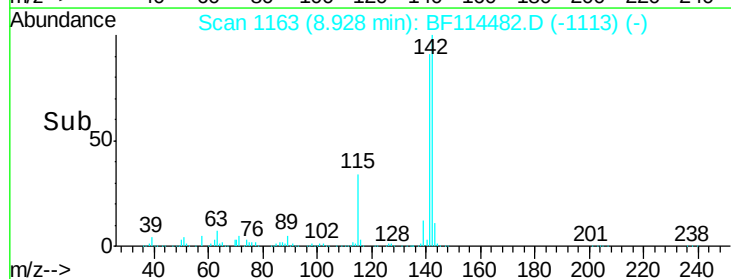
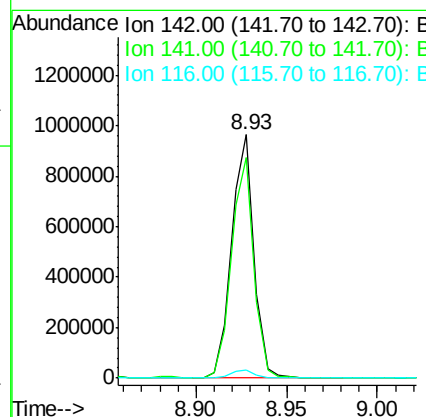
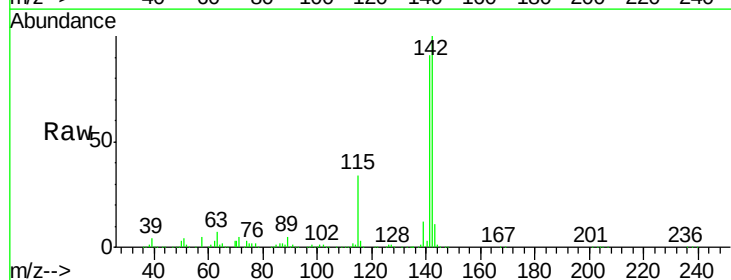
Manual Integrations
APPROVED

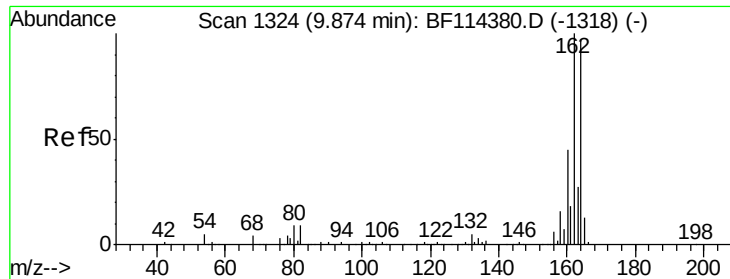
Sohil
5/23/2019 8:15:54 AM



#38
1-Methylnaphthalene
Concen: 42.367 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	819454		
141	90.8	73.4	110.0	
116	3.5	3.1	4.7	





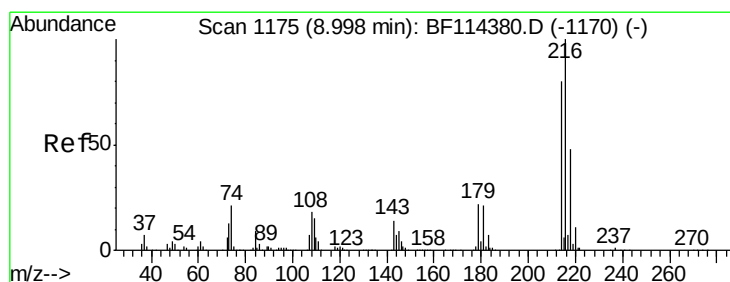
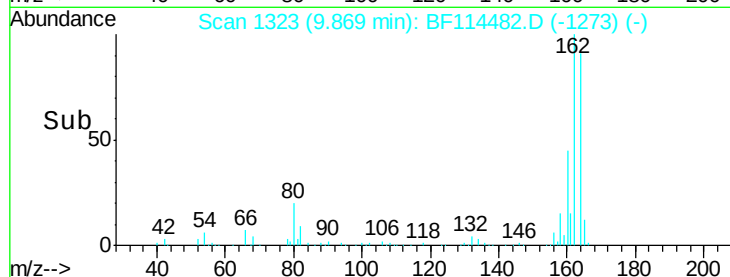
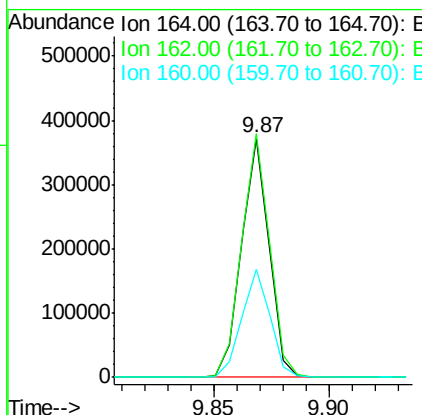
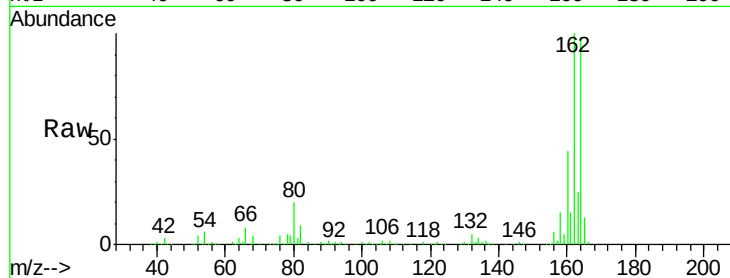
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	309649		
162	101.9	80.6	120.8	
160	45.2	36.5	54.7	

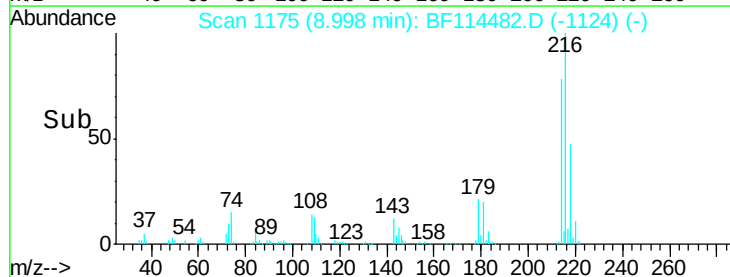
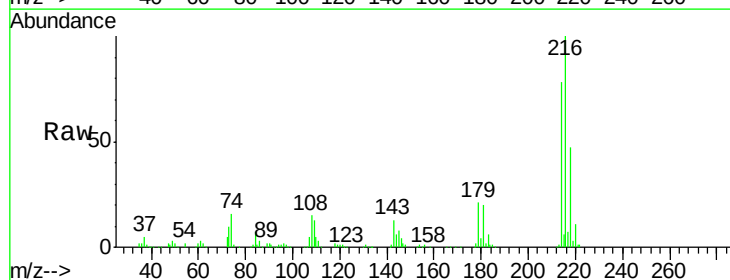
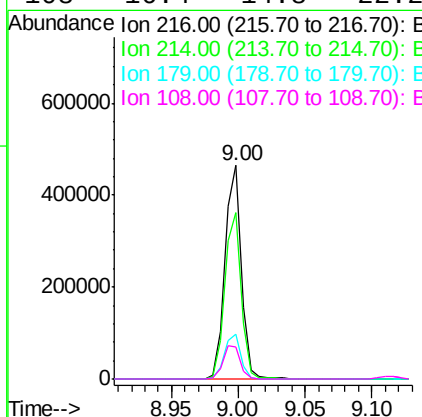
Manual Integrations
 APPROVED

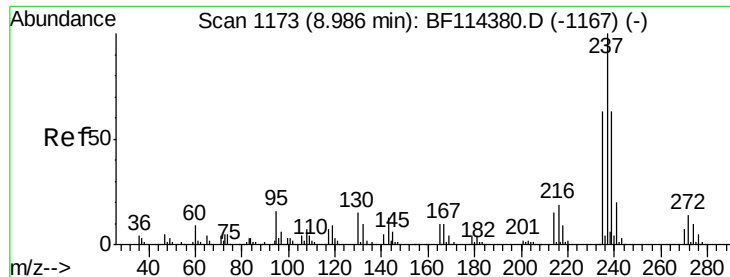
Sohil
 5/23/2019 8:15:54 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.975 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	403104		
214	78.7	63.9	95.9	
179	21.4	17.0	25.6	
108	16.4	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 4.440 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

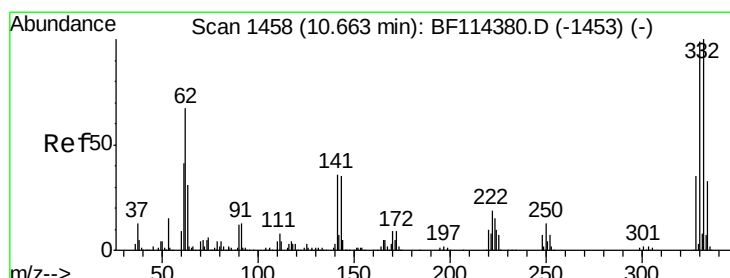
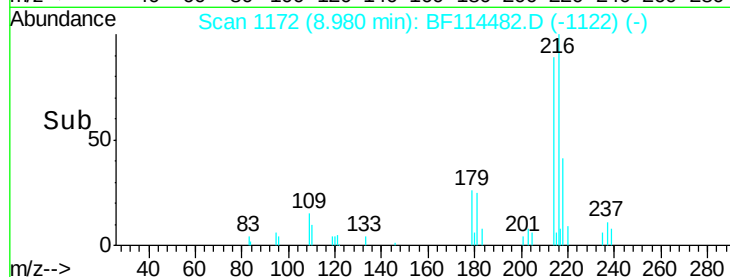
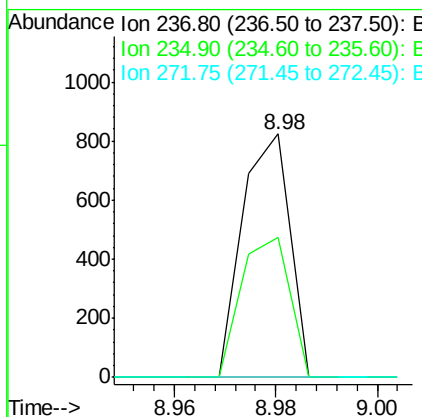
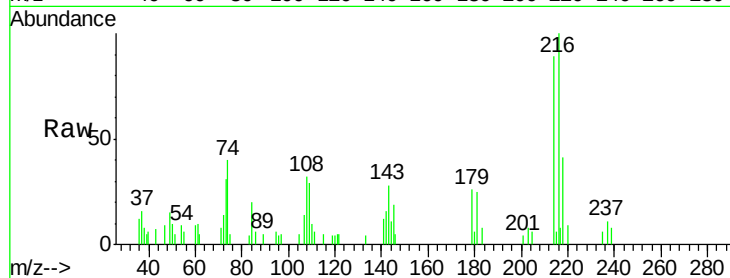
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	237	Resp:	534
Ion Ratio	Lower	Upper	
237	100		
235	57.5	42.0	82.0
272	0.0	0.0	32.4

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#42

2,4,6-Tribromophenol

Concen: 65.066 ng

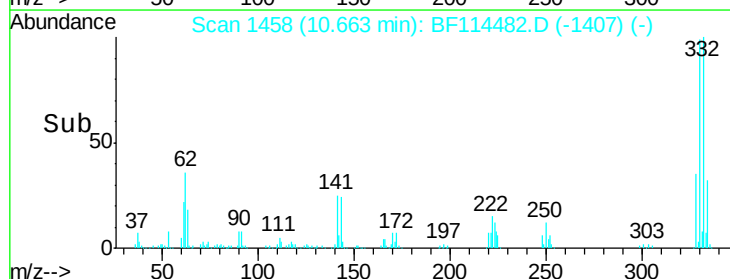
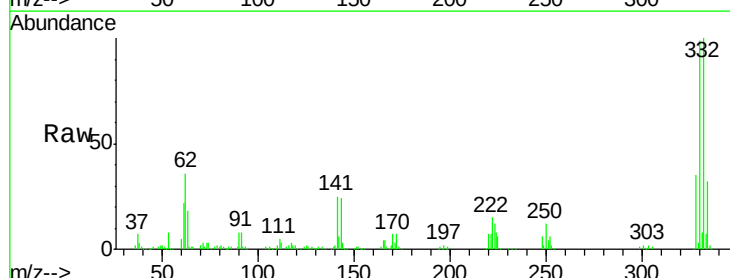
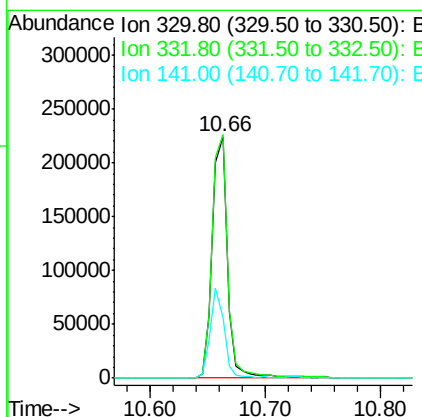
RT: 10.66 min Scan# 1458

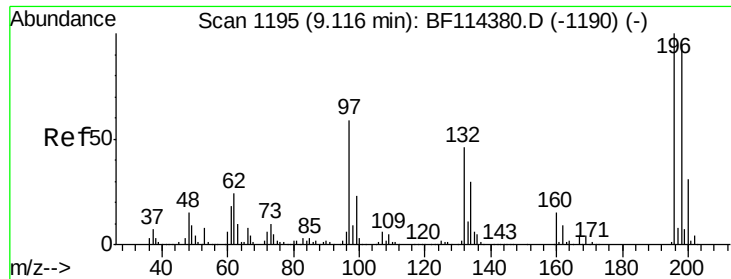
Delta R.T. 0.00 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	330	Resp:	208292
Ion Ratio	Lower	Upper	
330	100		
332	101.9	81.4	122.2
141	34.0	26.6	40.0





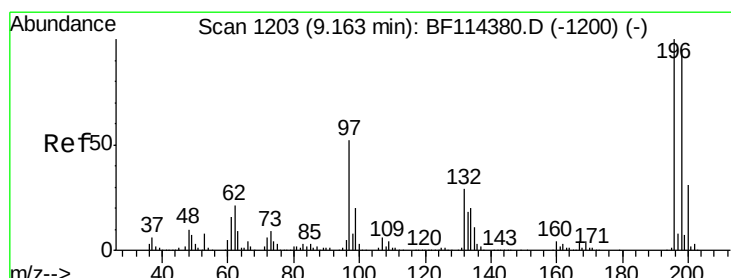
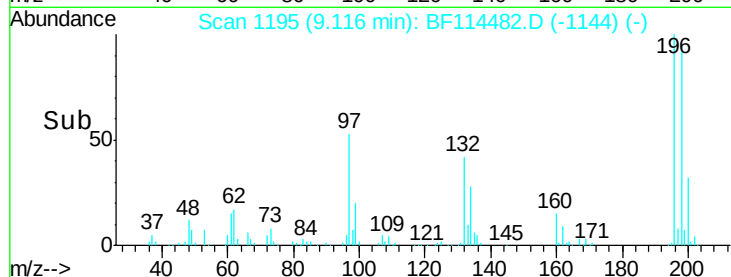
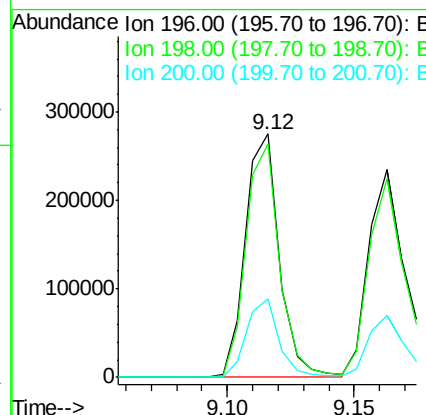
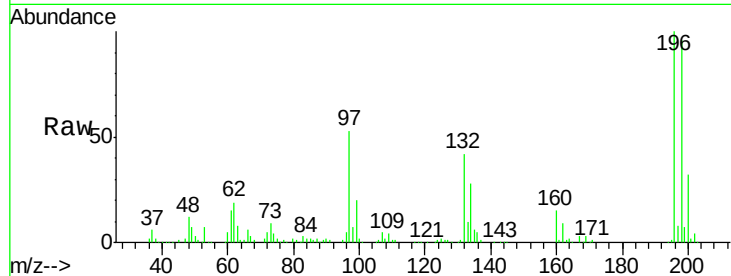
#43
 2,4,6-Trichlorophenol
 Concen: 39.739 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	196	Resp:	256385
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.9	113.9
200	32.3	23.5	35.3

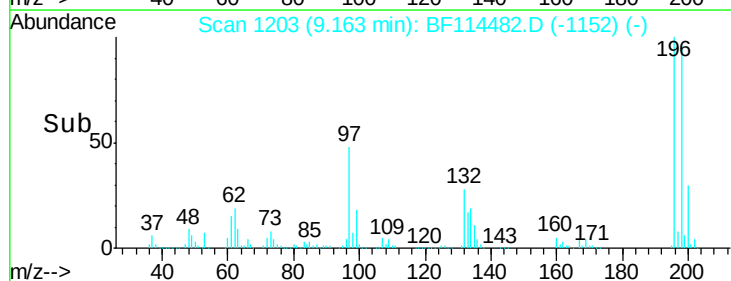
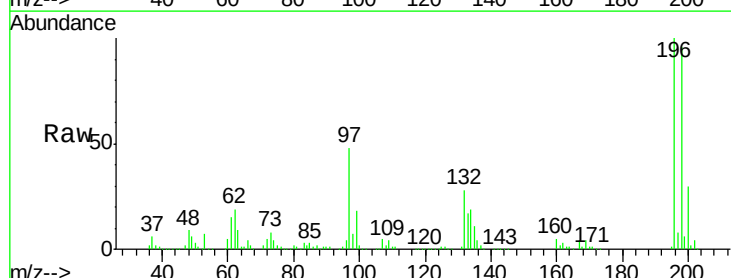
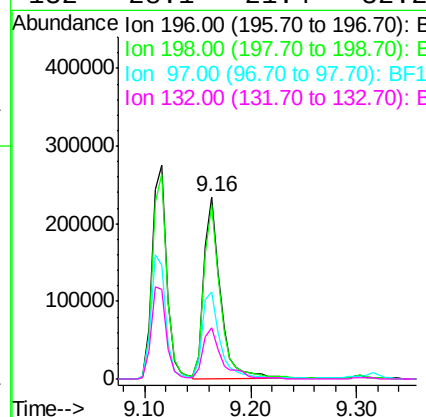
Manual Integrations
 APPROVED

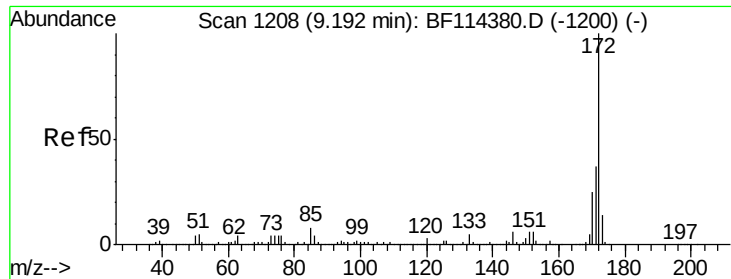
Sohil
 5/23/2019 8:15:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.591 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion:	196	Resp:	255338
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.7	116.5
97	48.0	38.2	57.2
132	28.1	21.4	32.2





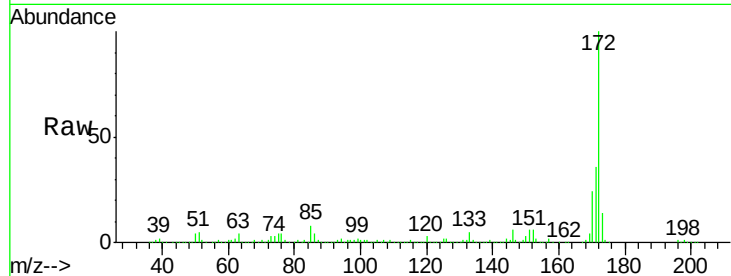
#45
2-Fluorobiphenyl
Concen: 83.432 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

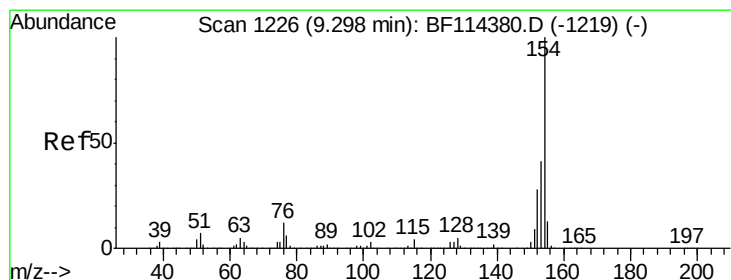
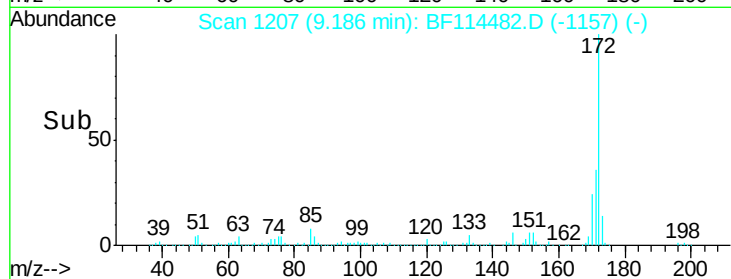
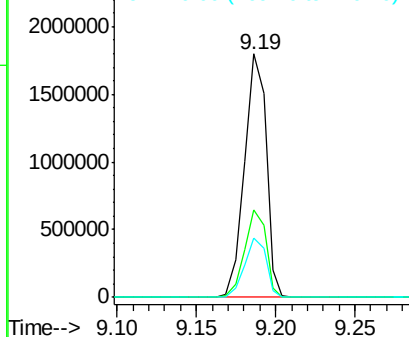
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	24.2	20.5	30.7

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



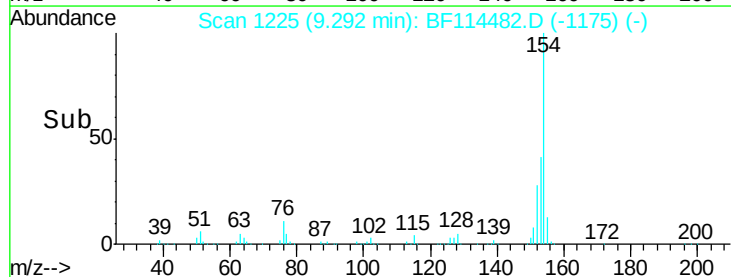
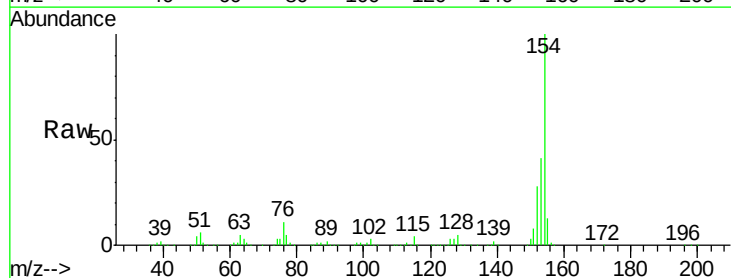
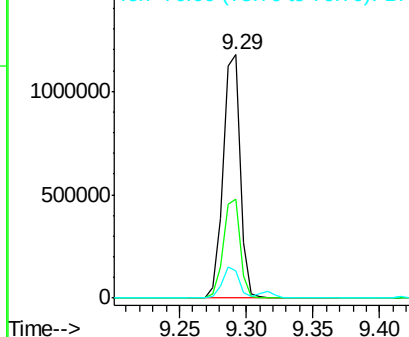
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

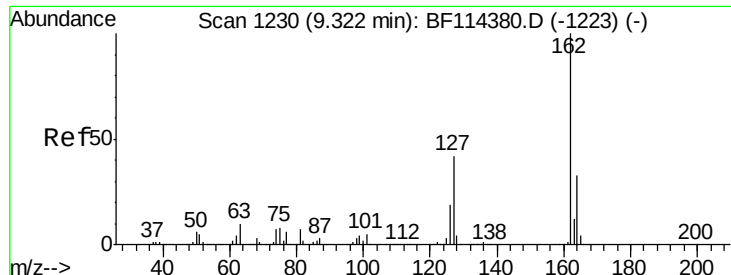


#46
1,1'-Biphenyl
Concen: 42.910 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.9	61.9
76	11.2	0.0	32.8

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





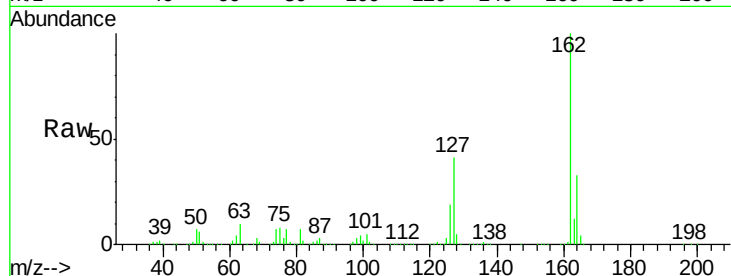
#47
 2-Chloronaphthalene
 Concen: 41.579 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

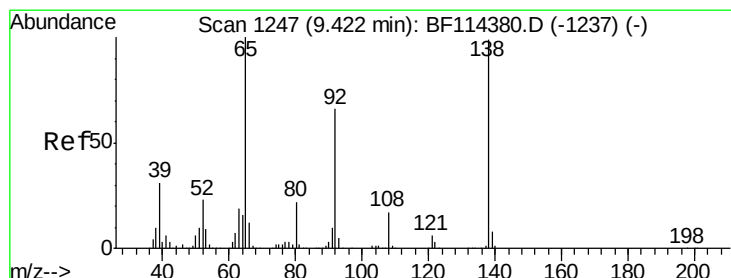
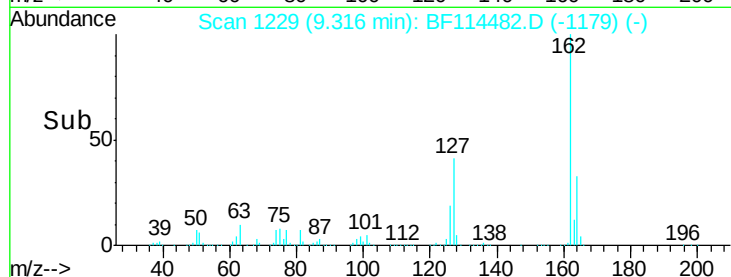
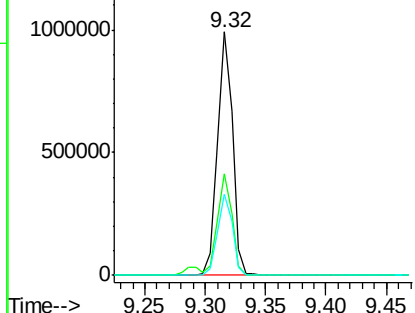
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	837085		
127	41.5	34.0	51.0	
164	33.4	26.7	40.1	

Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:54 AM

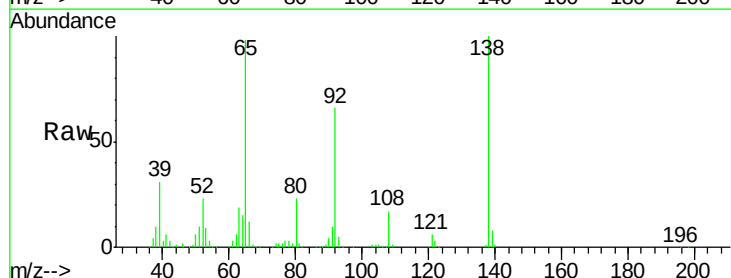


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

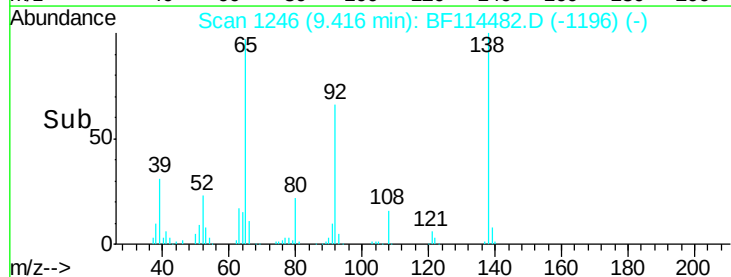
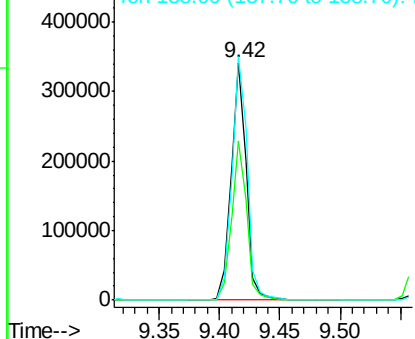


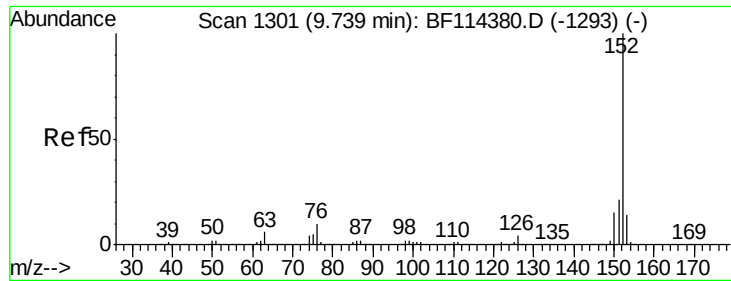
#48
 2-Nitroaniline
 Concen: 41.436 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	295844		
92	67.2	53.9	80.9	
138	102.5	81.4	122.0	



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





#49

Acenaphthylene

Concen: 41.477 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:152 Resp: 1270009

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

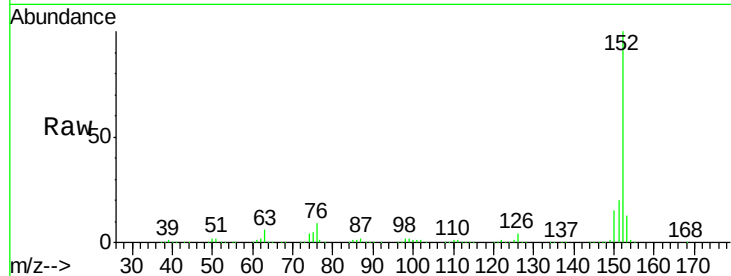
153 12.9 11.4 17.2

Manual Integrations

APPROVED

Sohil

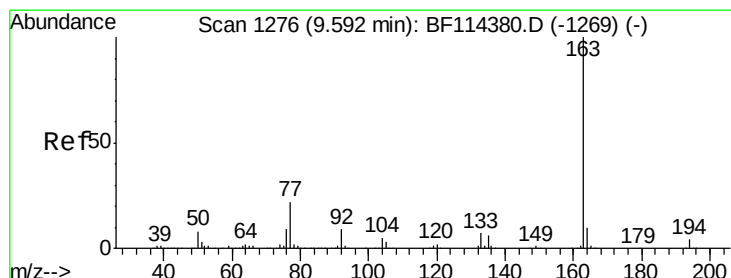
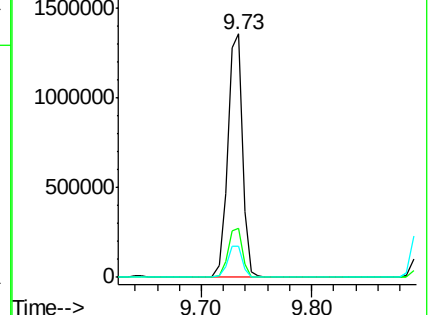
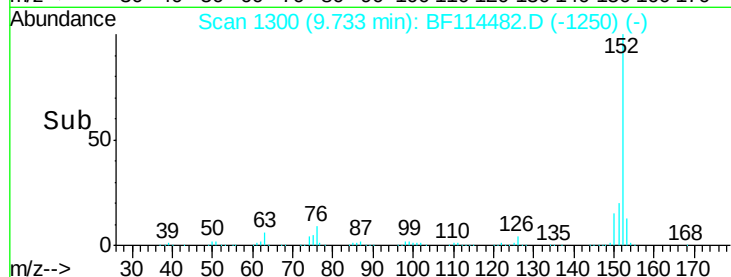
5/23/2019 8:15:54 AM



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: 43.031 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

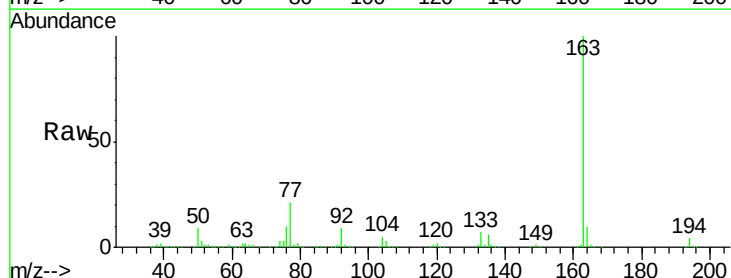
Tgt Ion:163 Resp: 978155

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

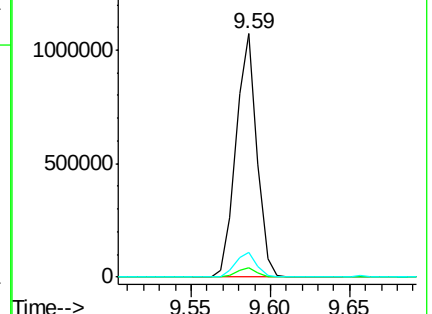
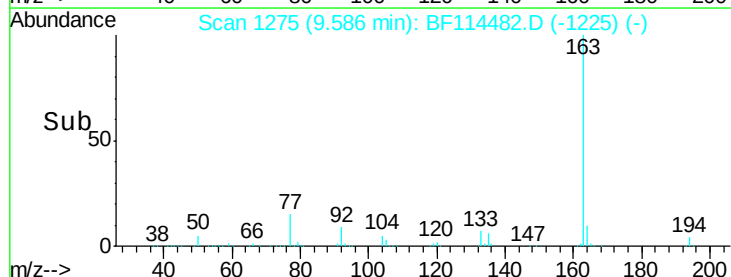
164 10.4 8.2 12.2

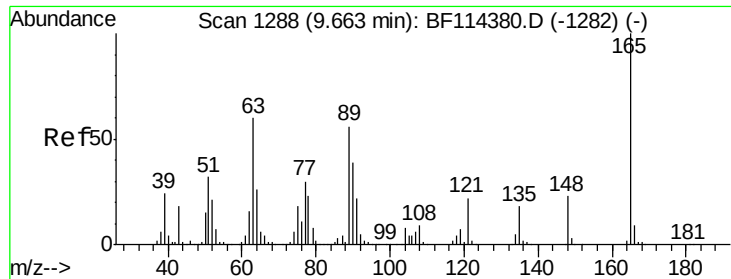


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





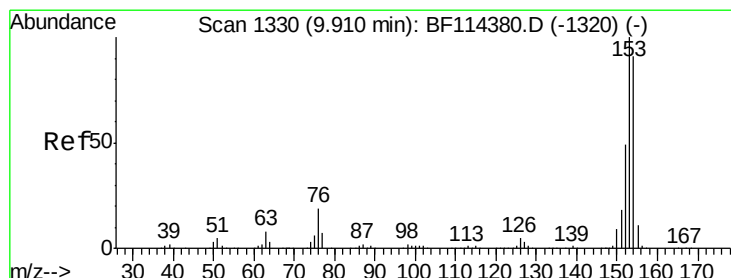
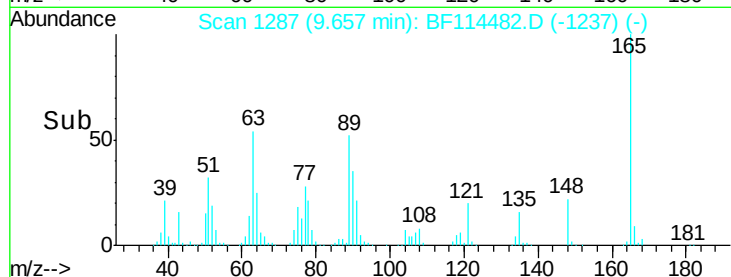
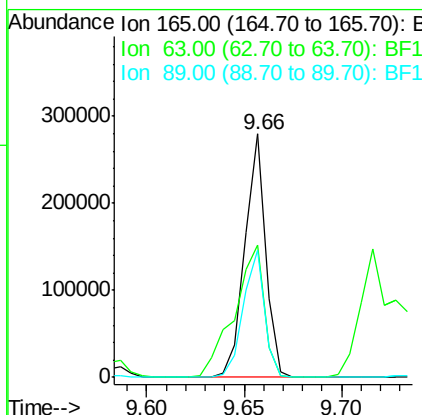
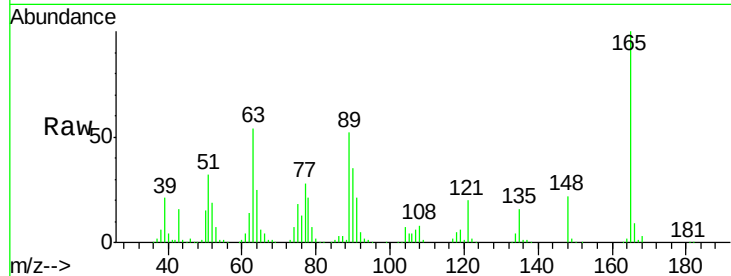
#51
 2,6-Dinitrotoluene
 Concen: 41.144 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	54.4	50.2	75.4
89	52.4	46.6	69.8

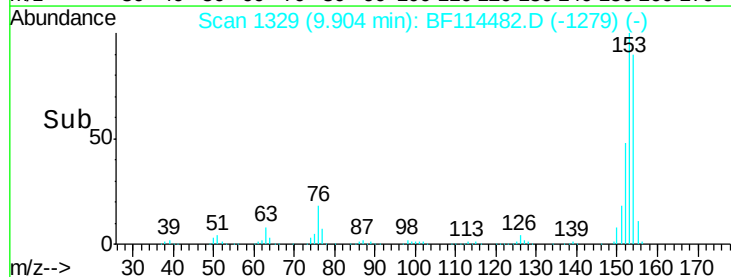
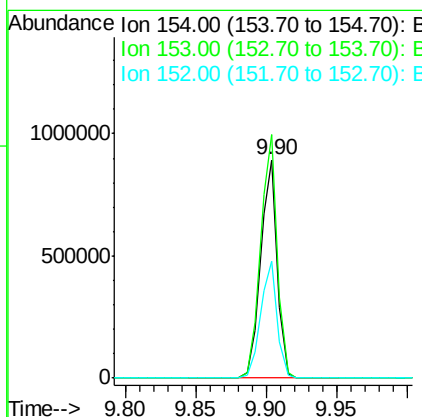
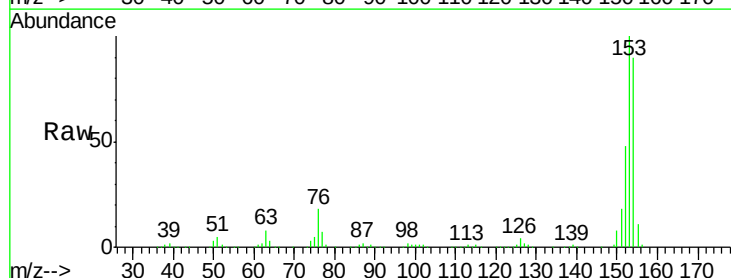
Manual Integrations
 APPROVED

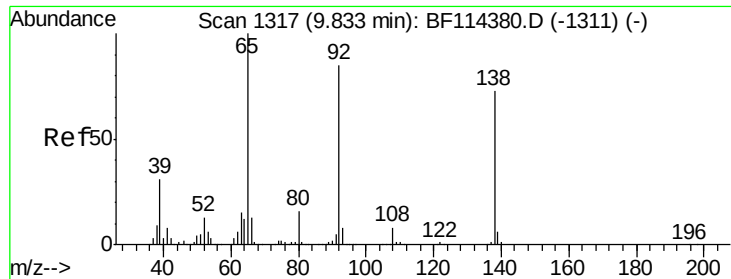
Sohil
 5/23/2019 8:15:54 AM



#52
 Acenaphthene
 Concen: 39.441 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.6	90.5	135.7
152	53.5	43.4	65.2





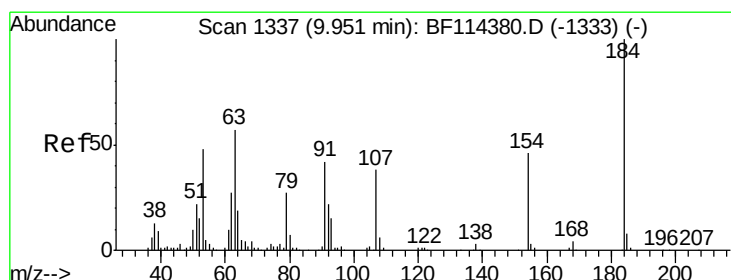
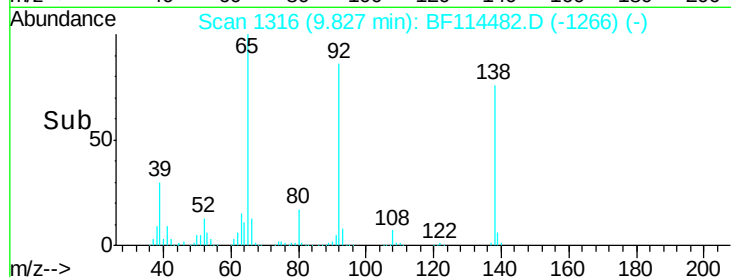
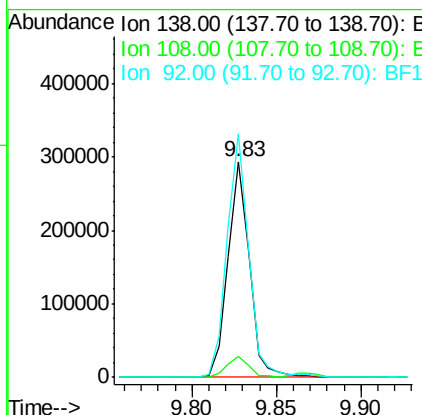
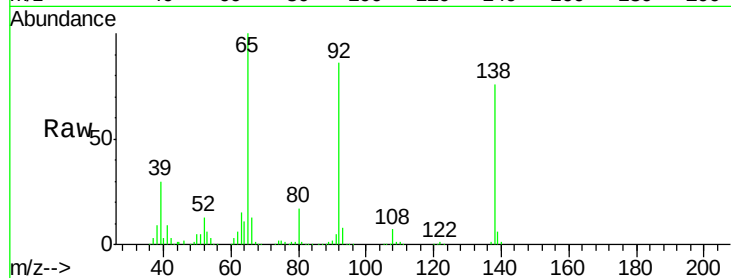
#53
3-Nitroaniline
Concen: 41.591 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	260301		
108	9.8	7.8	11.6	
92	112.9	91.2	136.8	

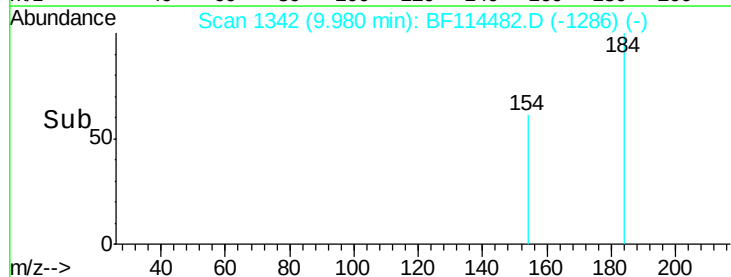
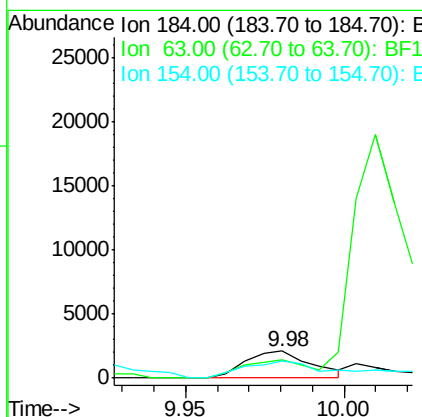
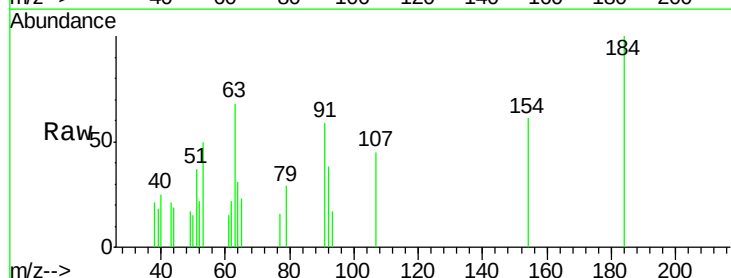
Manual Integrations
APPROVED

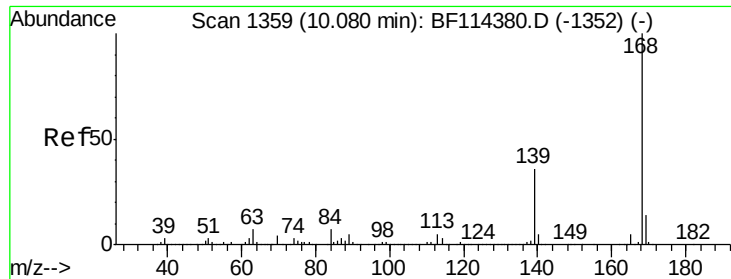
Sohil
5/23/2019 8:15:54 AM



#54
2,4-Dinitrophenol
Concen: 7.829 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.03 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	3001		
63	67.7	55.6	83.4	
154	61.1	46.0	69.0	





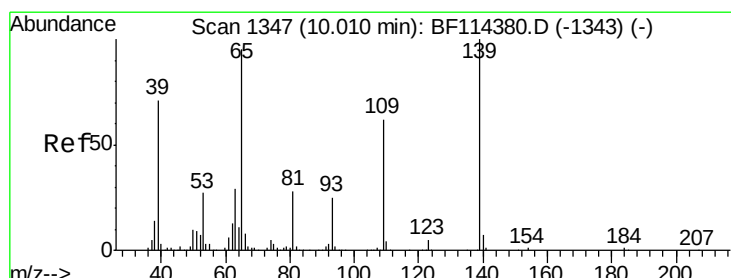
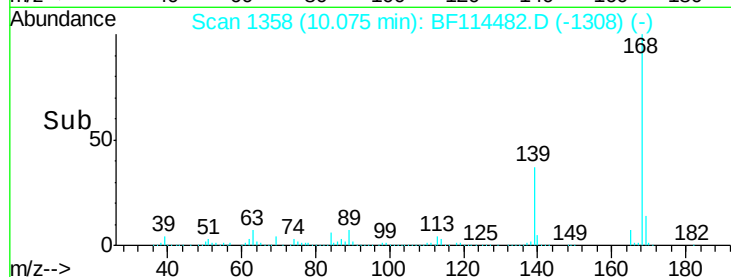
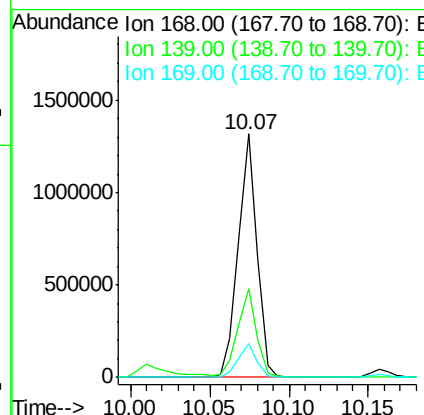
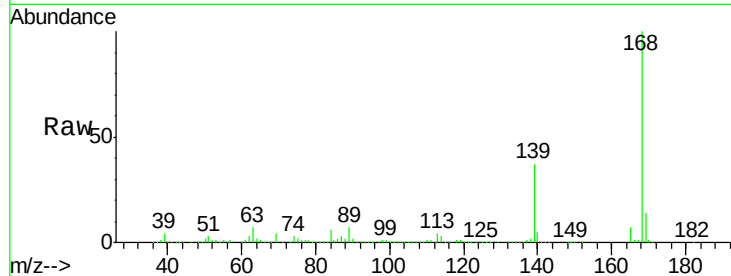
#55
Dibenzenofuran
Concen: 39.496 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.1	46.7
169	13.6	11.4	17.0

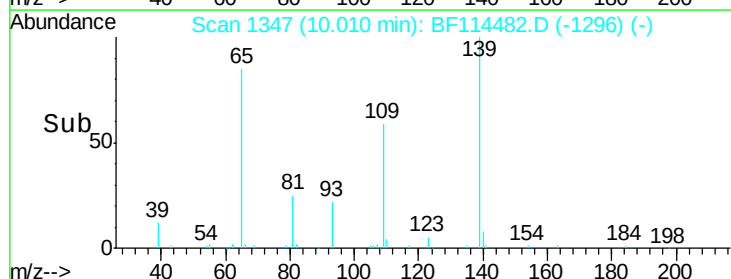
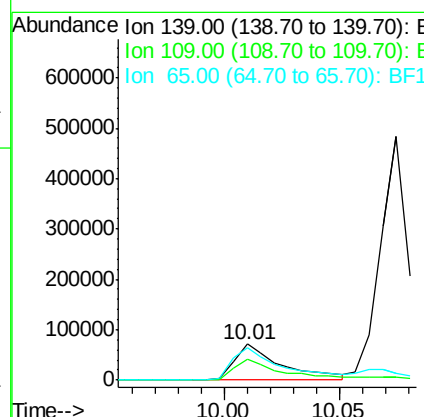
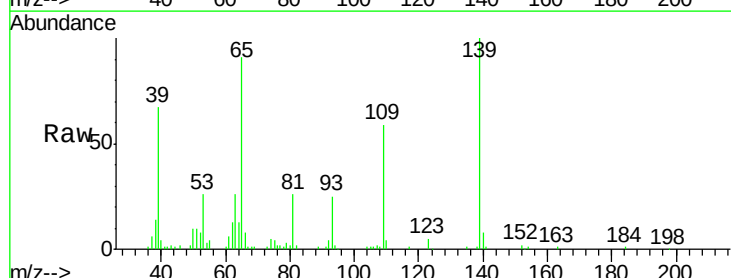
Manual Integrations
APPROVED

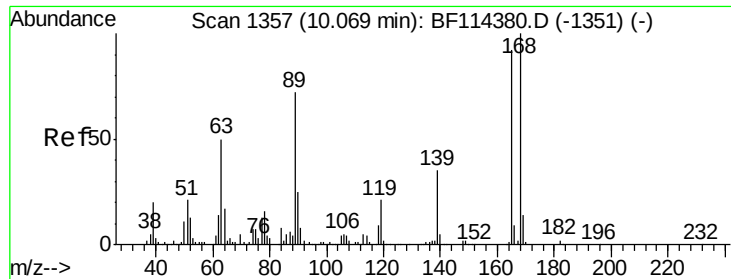
Sohil
5/23/2019 8:15:54 AM



#56
4-Nitrophenol
Concen: 22.629 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.1	43.9	83.9
65	91.2	85.7	125.7





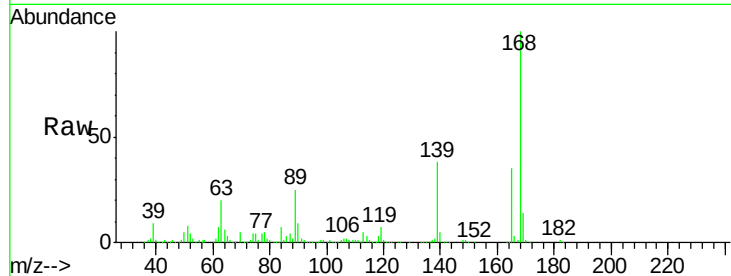
#57
 2,4-Dinitrotoluene
 Concen: 35.881 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	245541		
63	56.7	35.5	53.3#	
89	73.5	55.2	82.8	
182	2.4	2.2	3.2	

Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:54 AM

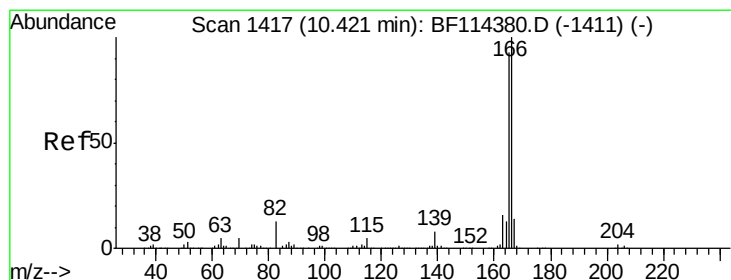
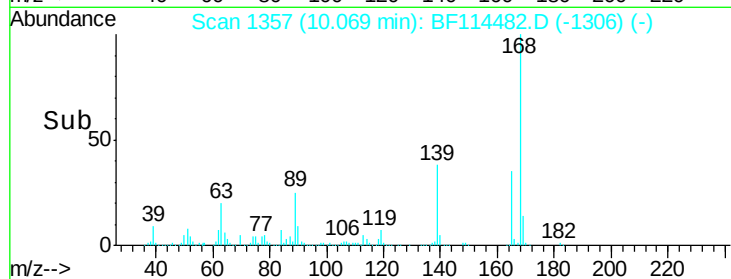
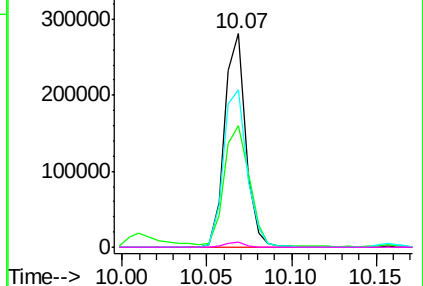


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

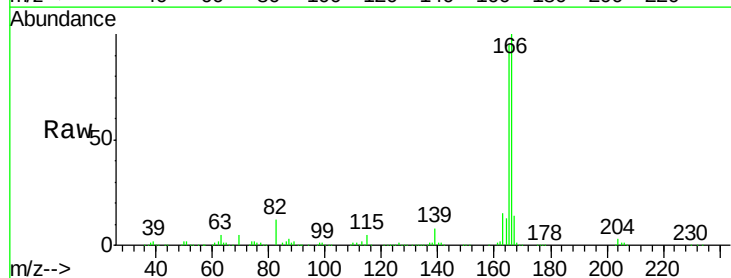
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.956 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

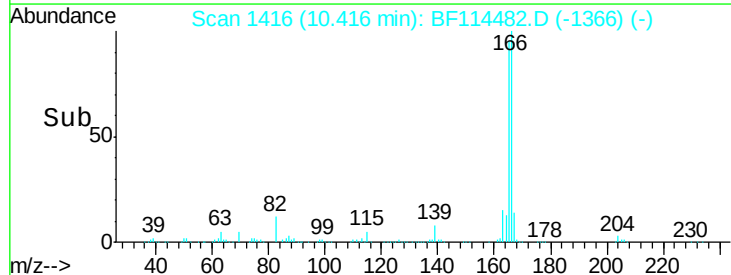
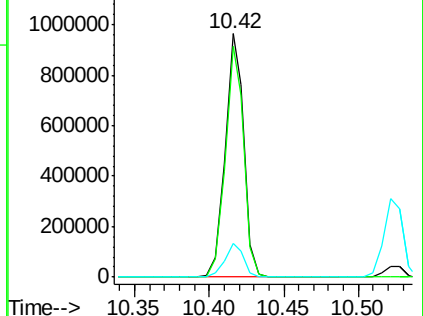
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	850328		
165	94.7	76.1	114.1	
167	14.0	11.1	16.7	

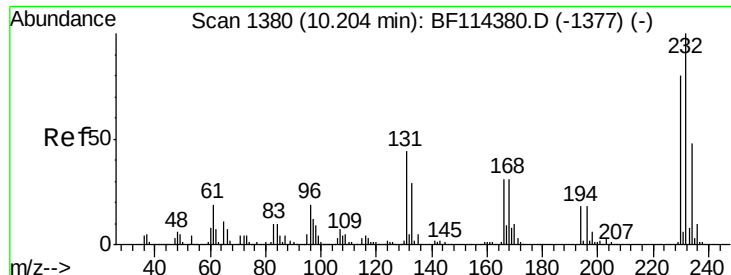


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





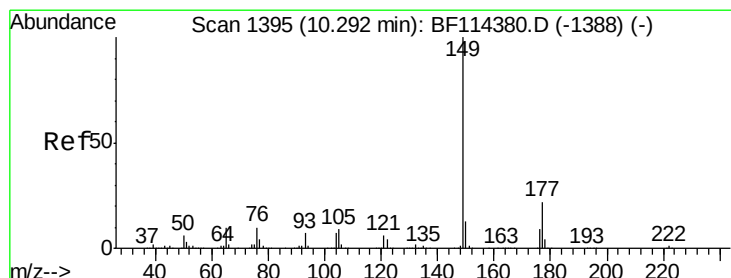
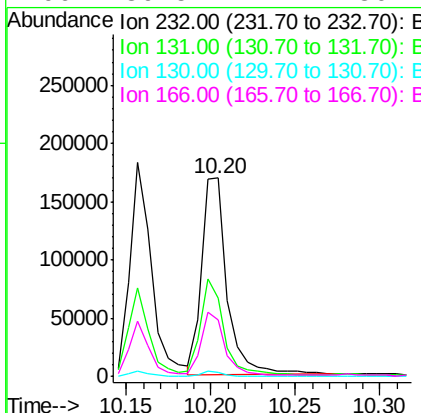
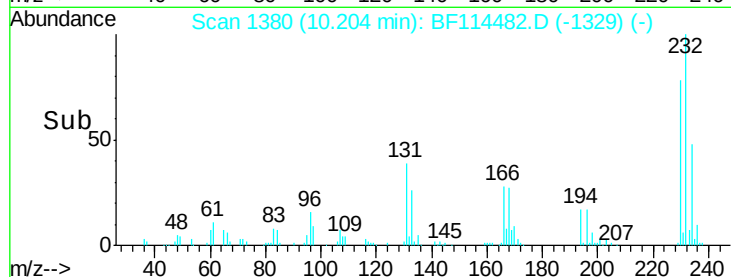
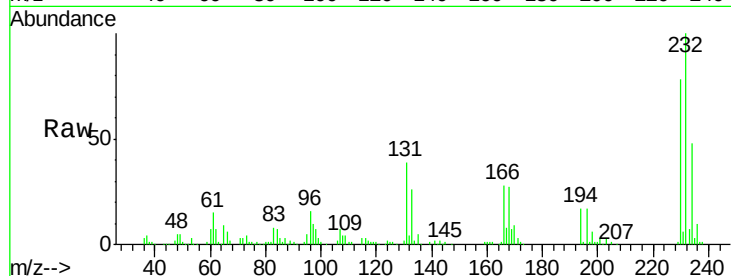
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.420 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	179380		
131	44.8	35.6	53.4	
130	2.2	1.6	2.4	
166	30.5	24.1	36.1	

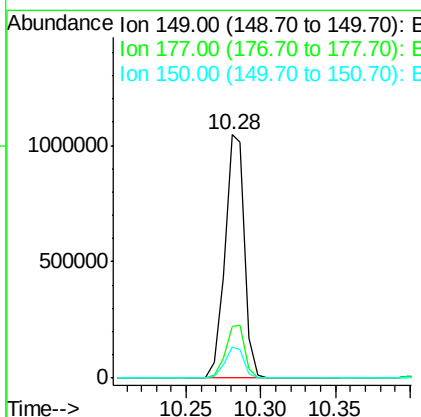
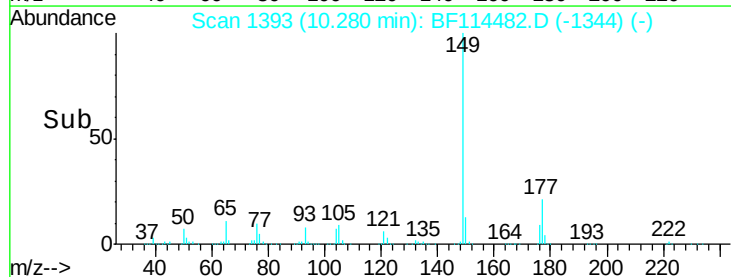
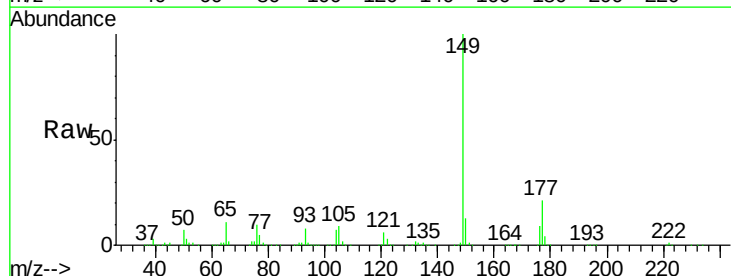
Manual Integrations
 APPROVED

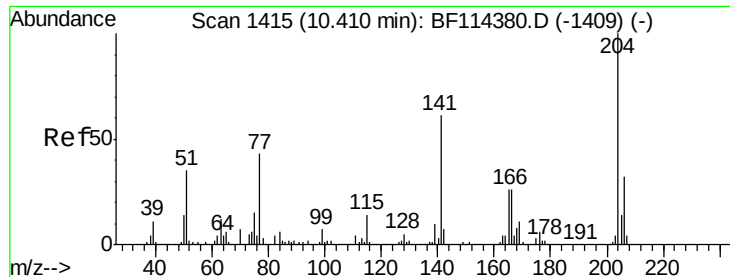
Sohil
 5/23/2019 8:15:54 AM



#60
 Diethylphthalate
 Concen: 42.198 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	974608		
177	21.1	17.8	26.6	
150	12.9	10.2	15.2	





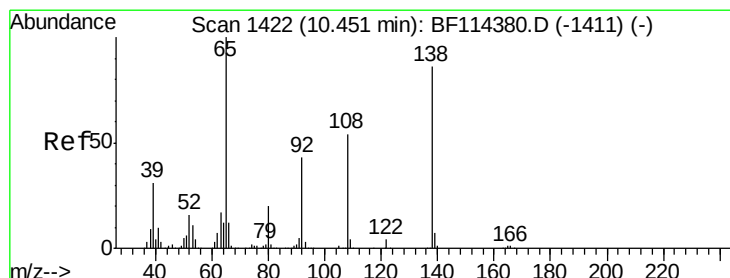
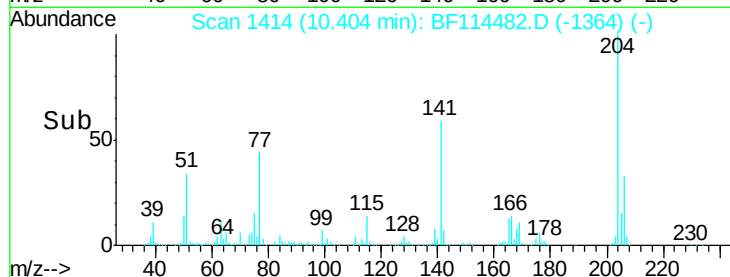
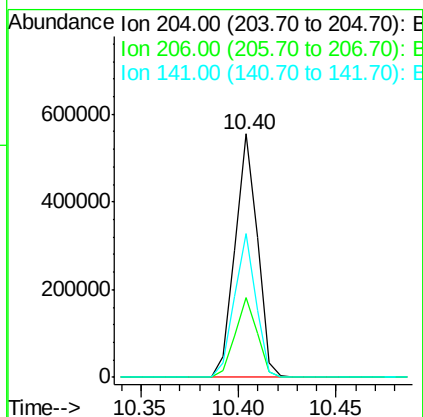
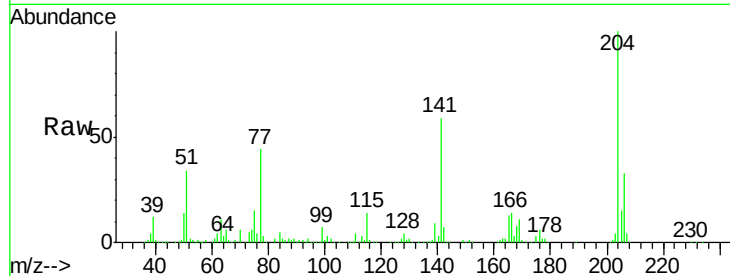
#61
 4-Chlorophenyl-phenylether
 Concen: 42.254 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	59.3	46.4	69.6

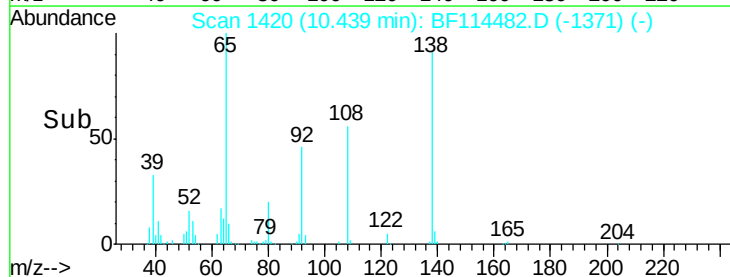
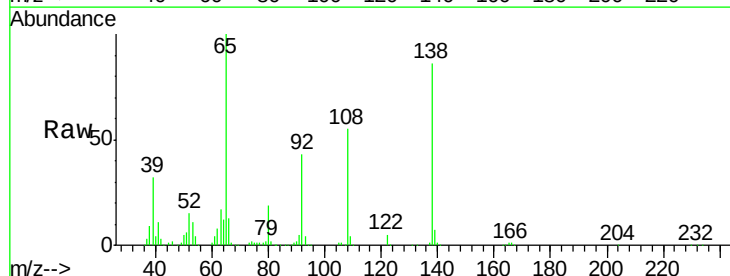
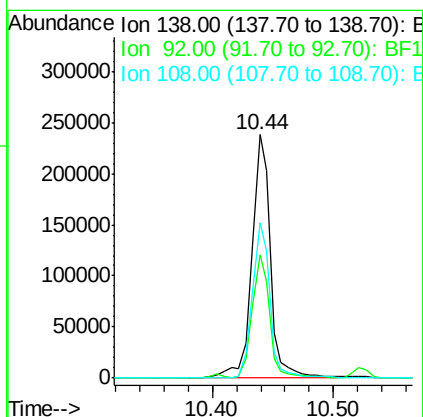
Manual Integrations
 APPROVED

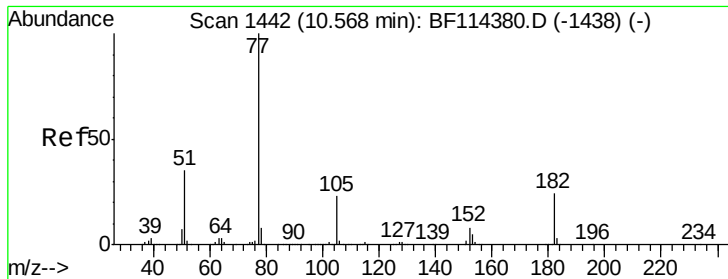
Sohil
 5/23/2019 8:15:54 AM



#62
 4-Nitroaniline
 Concen: 39.095 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	33.0	73.0
108	63.7	44.9	84.9





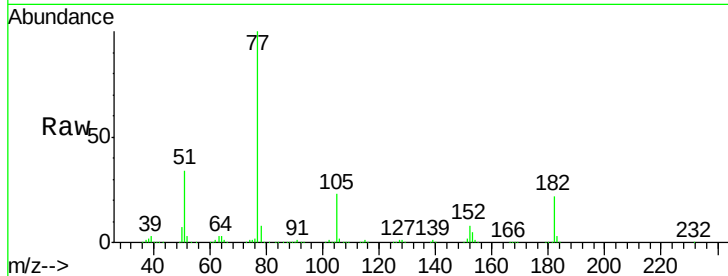
#63
Azobenzene
Concen: 38.762 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

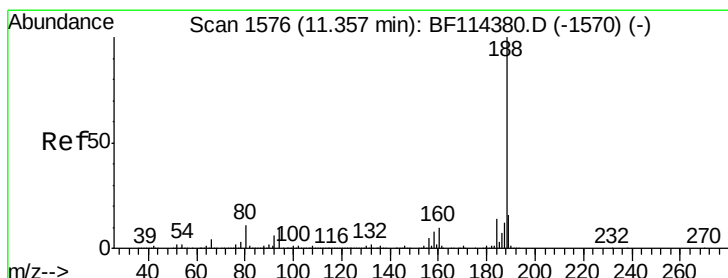
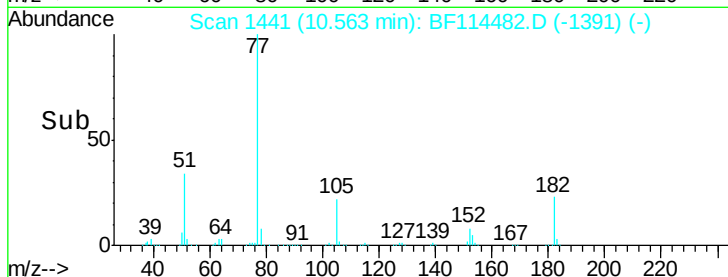
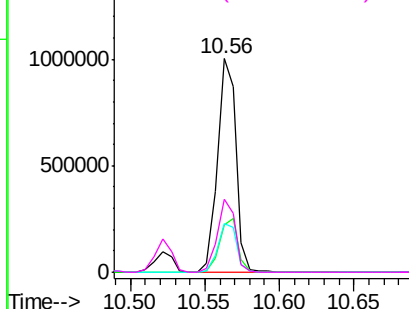
Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.7	44.7
105	22.6	2.9	42.9
51	34.3	14.6	54.6

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM

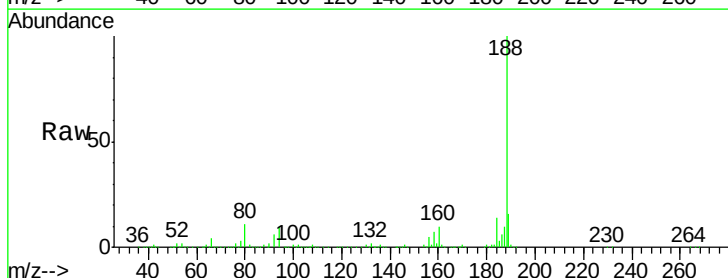


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

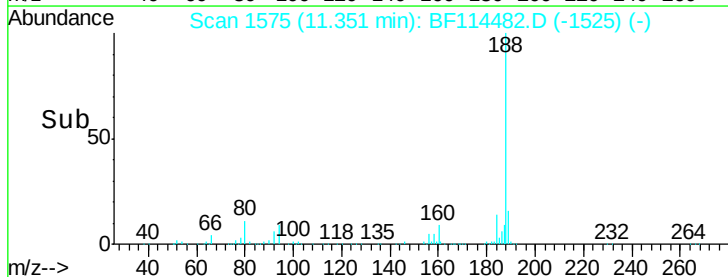
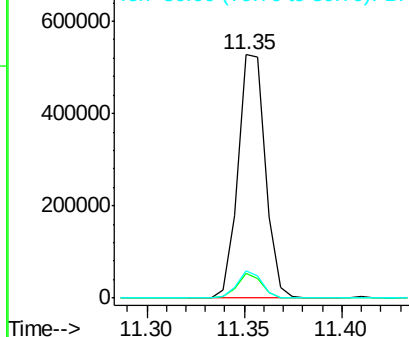


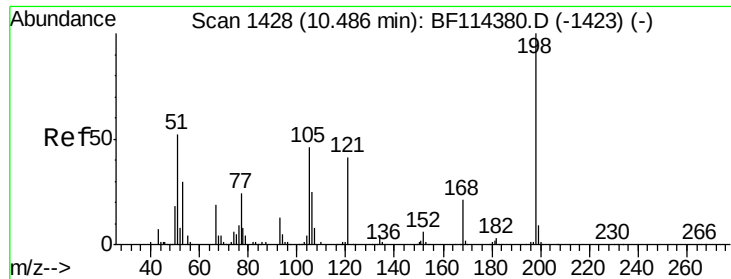
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	11.3	9.2	13.8



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: 4.716 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

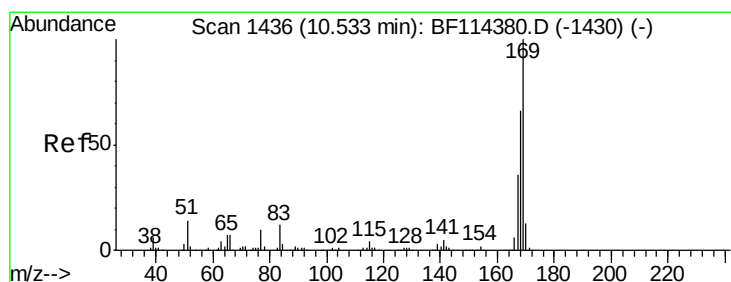
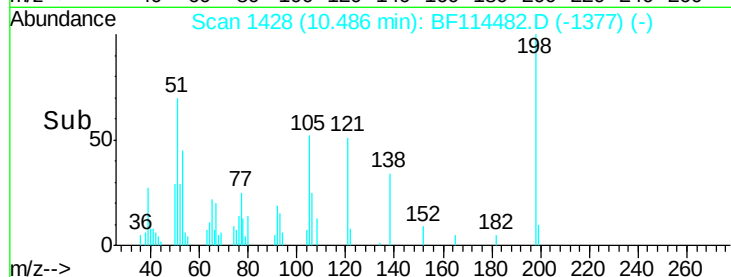
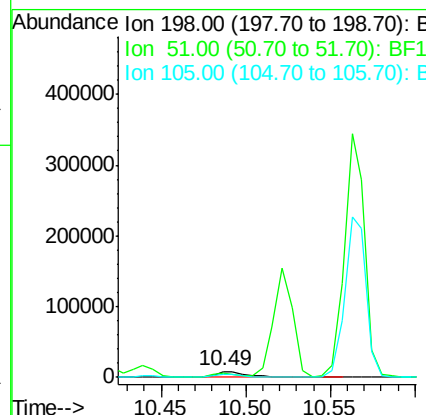
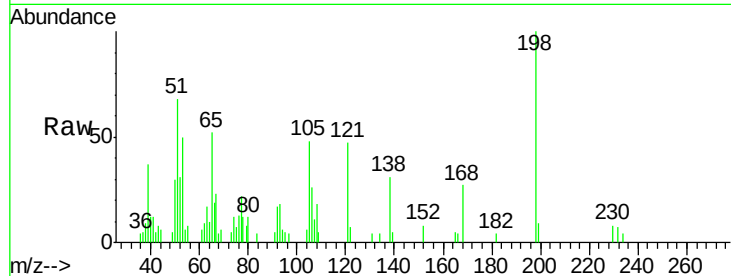
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	198	Resp:	11661
Ion Ratio	Lower	Upper	
198	100		
51	68.0	28.0	68.0
105	48.0	21.1	61.1

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#66

n-Nitrosodiphenylamine

Concen: 48.494 ng

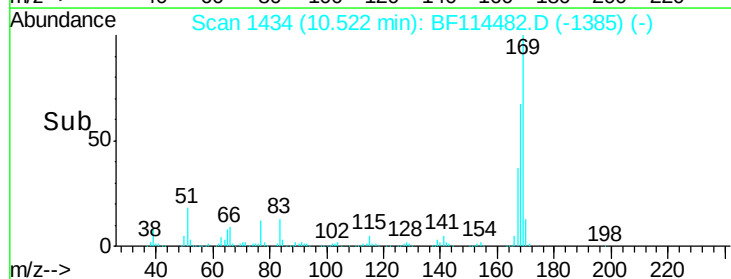
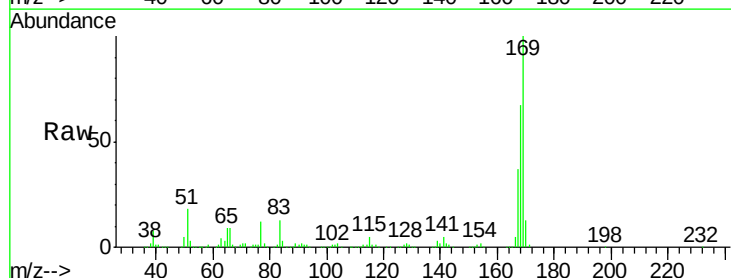
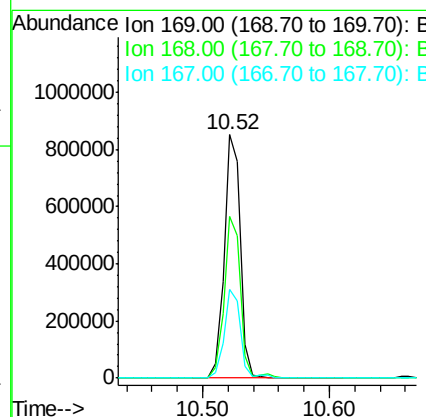
RT: 10.52 min Scan# 1434

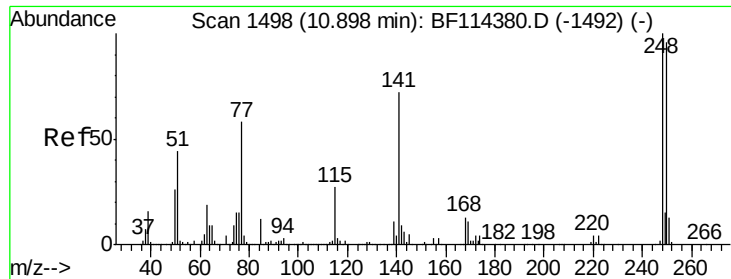
Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	169	Resp:	757391
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.2	81.2
167	36.7	29.8	44.8





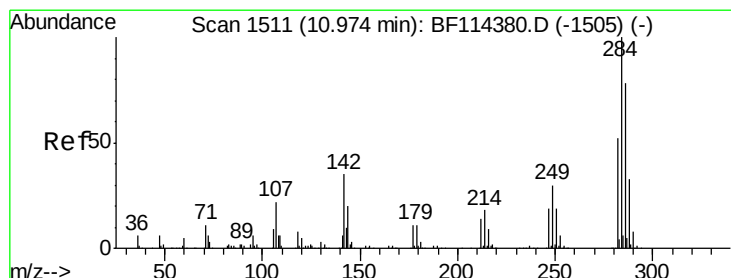
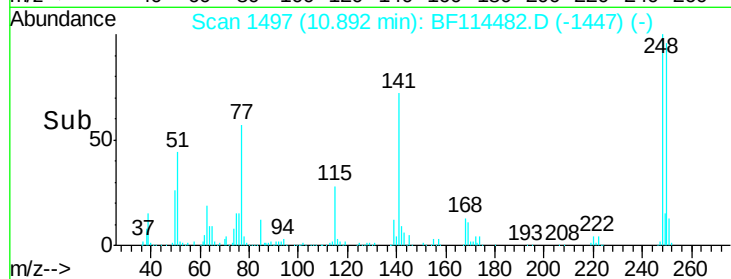
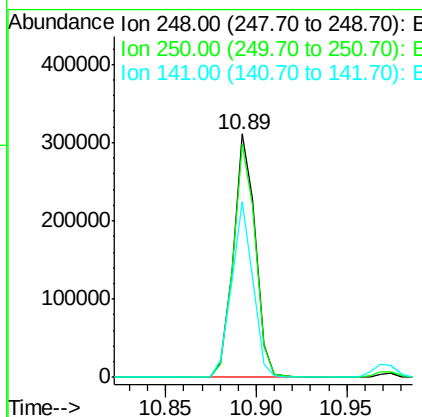
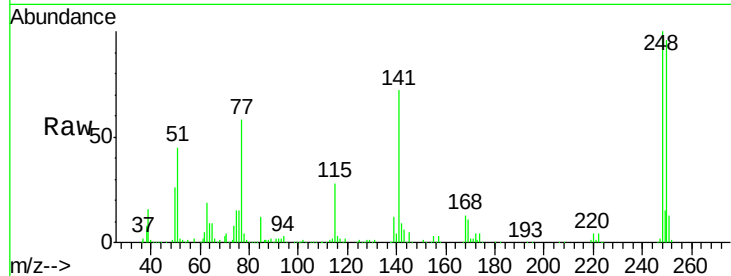
#67
 4-Bromophenyl-phenylether
 Concen: 46.245 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.4	116.2
141	72.0	55.6	83.4

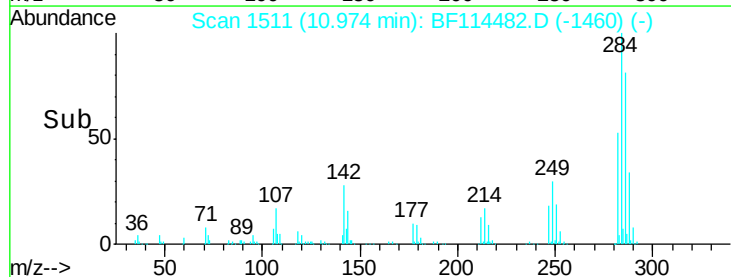
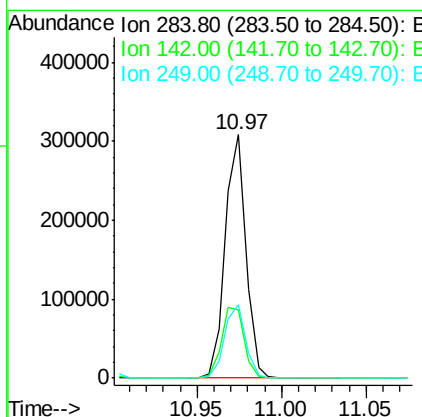
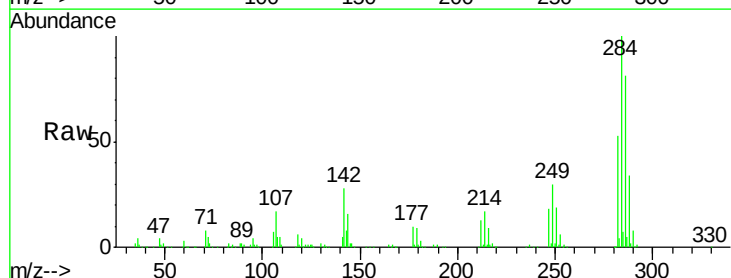
Manual Integrations
 APPROVED

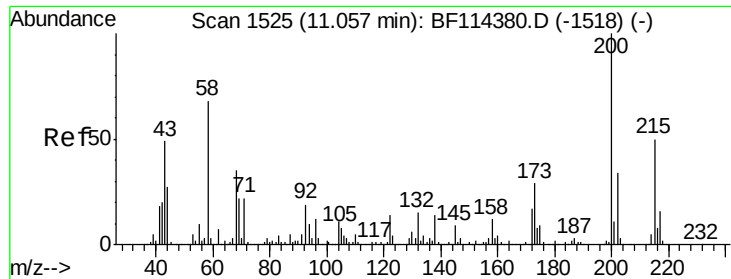
Sohil
 5/23/2019 8:15:54 AM



#68
 Hexachlorobenzene
 Concen: 41.928 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	28.4	42.6#
249	30.2	25.2	37.8





#69

Atrazine

Concen: 45.437 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

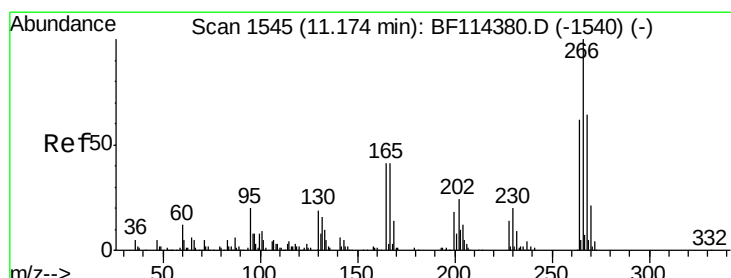
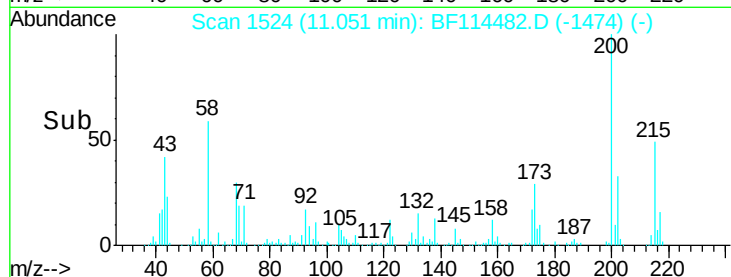
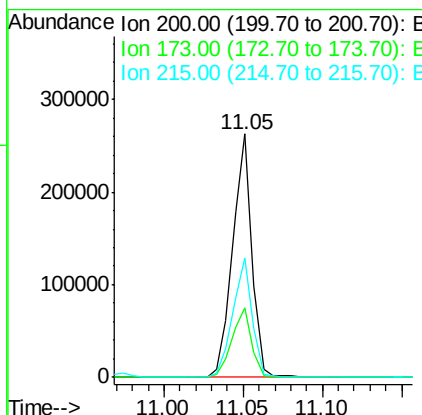
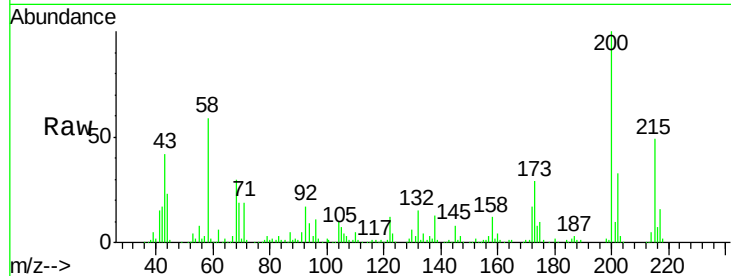
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	200	Resp:	220841
Ion Ratio	Lower	Upper	
200	100		
173	28.7	8.9	48.9
215	49.0	30.7	70.7

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#70

Pentachlorophenol

Concen: 30.619 ng

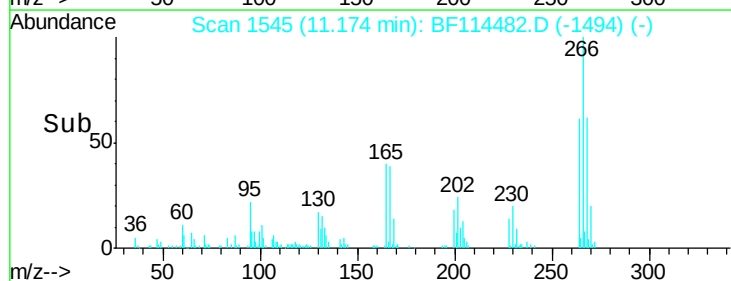
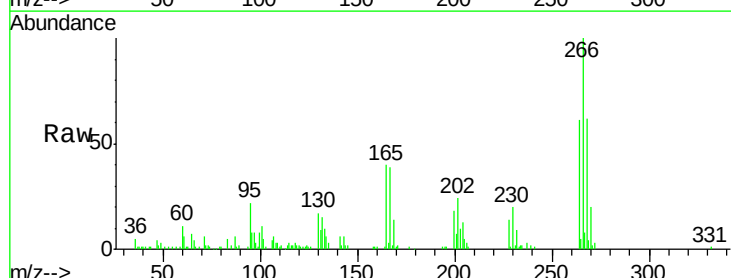
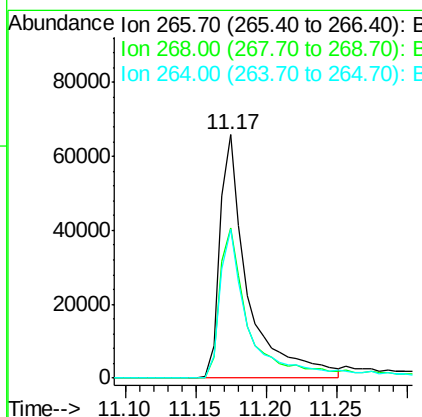
RT: 11.17 min Scan# 1545

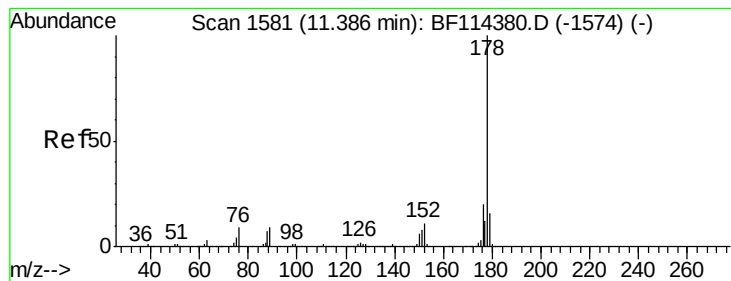
Delta R.T. 0.00 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	266	Resp:	90980
Ion Ratio	Lower	Upper	
266	100		
268	61.7	51.1	76.7
264	61.3	51.1	76.7





#71

Phenanthrene

Concen: 42.021 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 1052047

Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

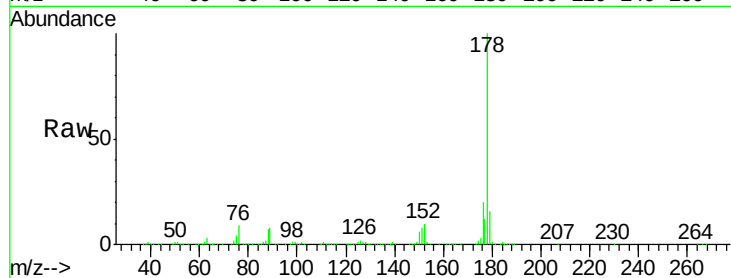
179 15.8 13.2 19.8

Manual Integrations

APPROVED

Sohil

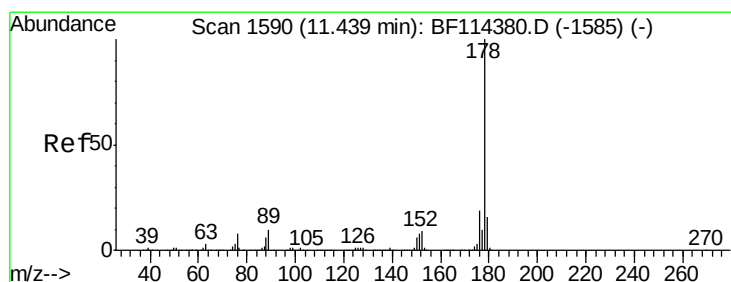
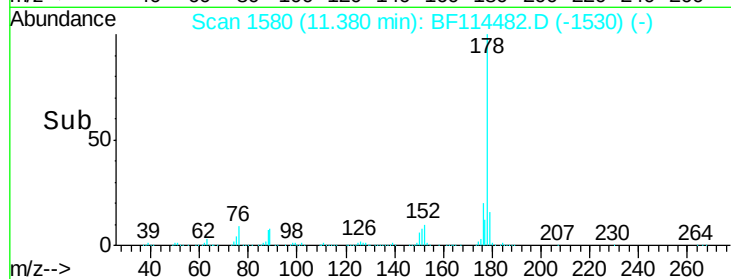
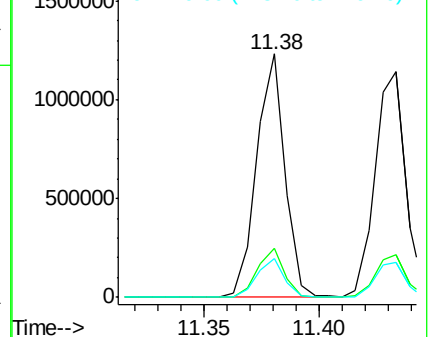
5/23/2019 8:15:54 AM



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: 42.123 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:178 Resp: 1059253

Ion Ratio Lower Upper

178 100

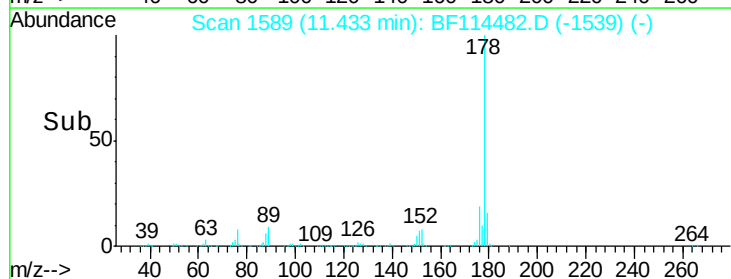
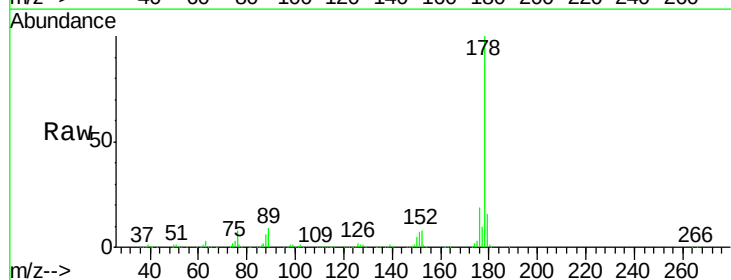
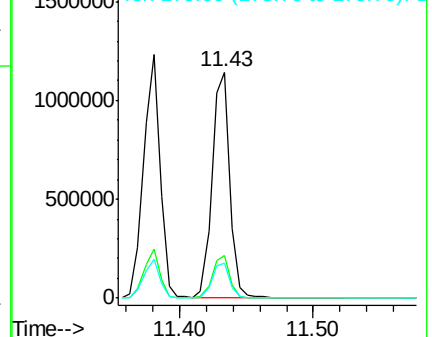
176 18.9 15.8 23.8

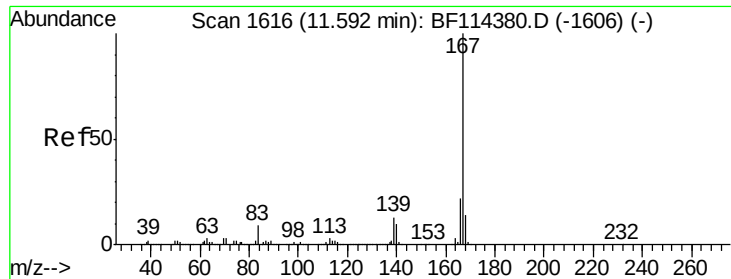
179 15.6 13.0 19.4

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





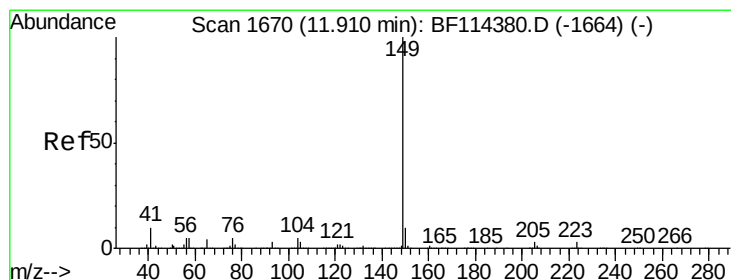
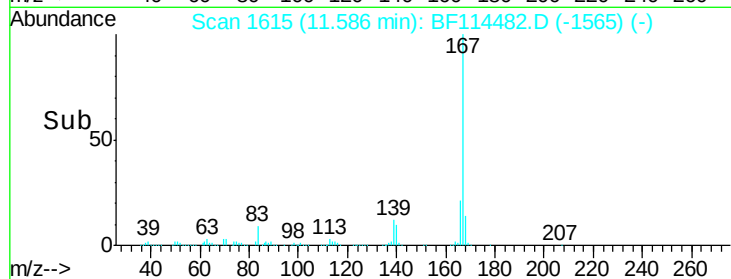
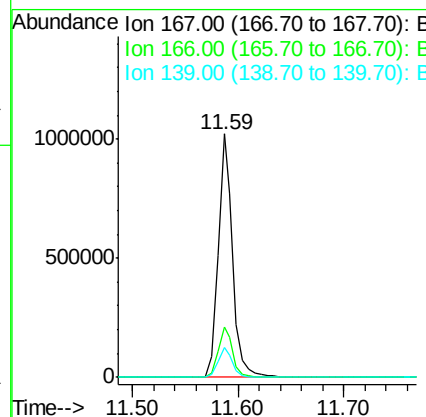
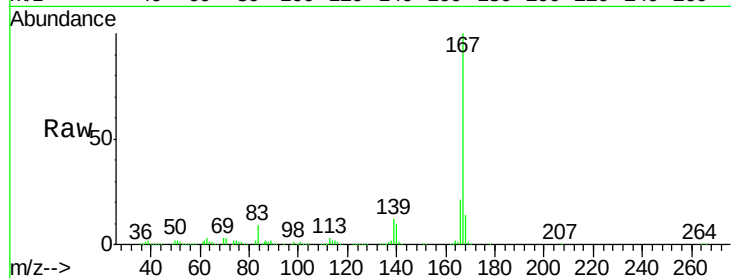
#73
 Carbazole
 Concen: 40.893 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	980610		
166	20.8	18.2	27.2	
139	12.4	10.6	16.0	

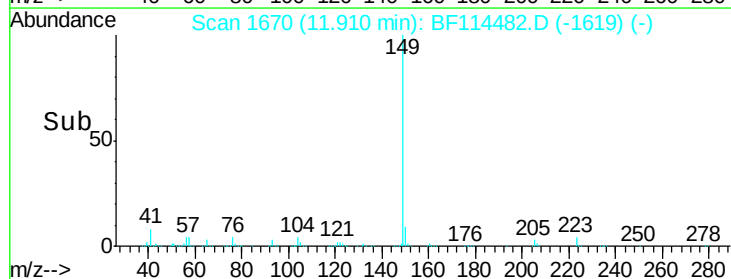
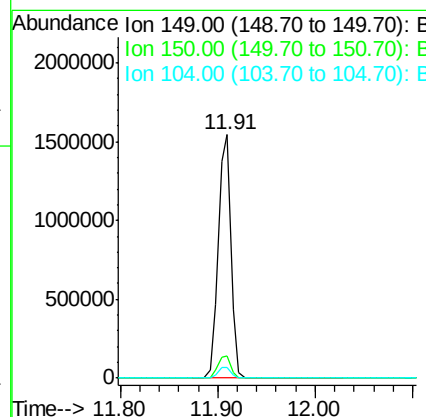
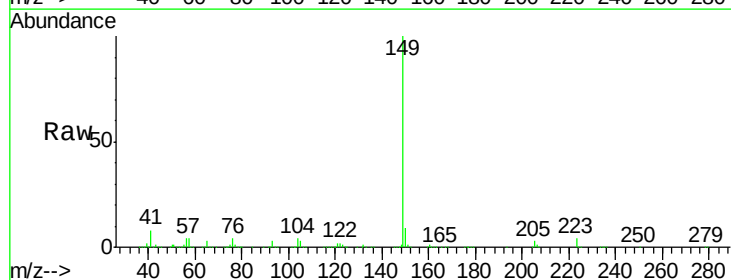
Manual Integrations
 APPROVED

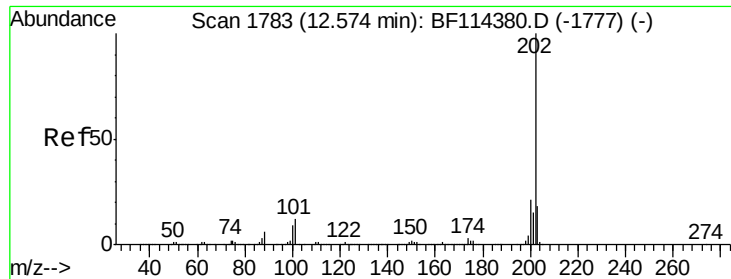
Sohil
 5/23/2019 8:15:54 AM



#74
 Di-n-butylphthalate
 Concen: 50.213 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1387198		
150	9.3	7.7	11.5	
104	4.3	3.6	5.4	





#75

Fluoranthene

Concen: 36.540 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

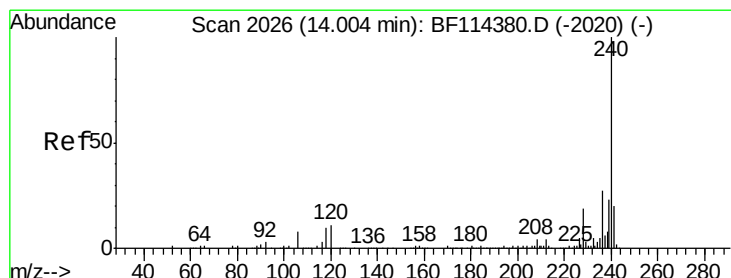
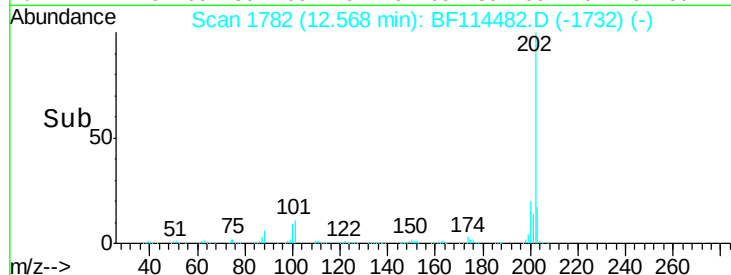
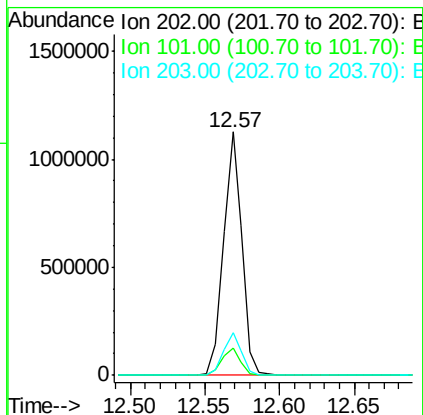
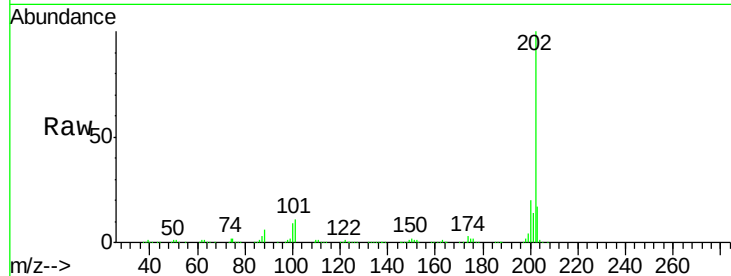
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	202	Resp:	985134
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.0
203	17.4	0.0	38.4

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#76

Chrysene-d12

Concen: 20.000 ng

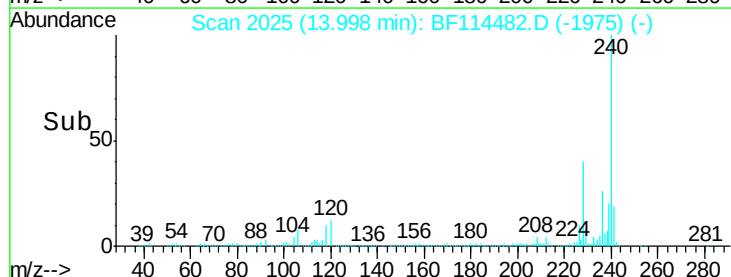
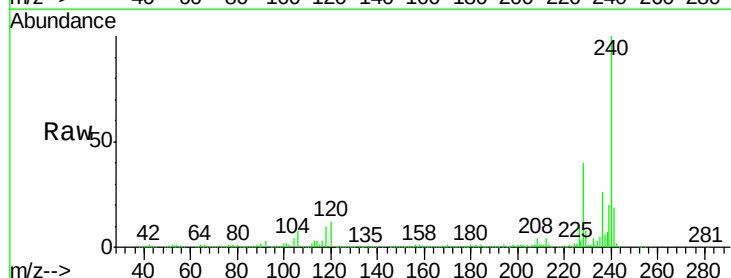
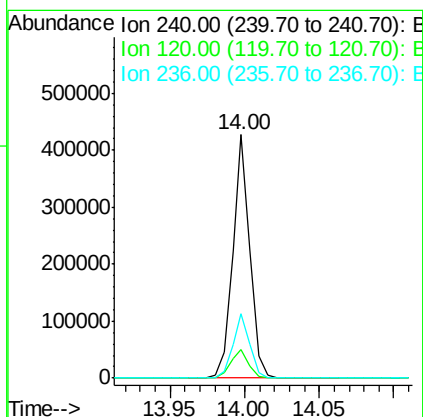
RT: 14.00 min Scan# 2025

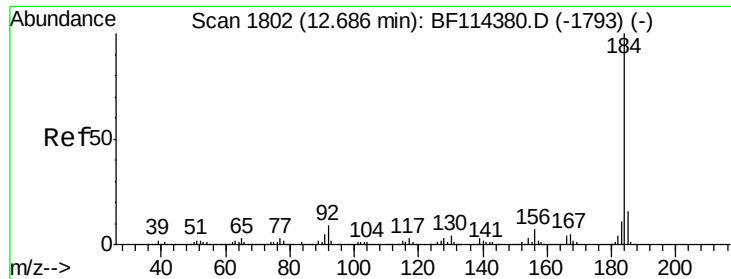
Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	240	Resp:	343635
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.3	12.5
236	26.3	20.8	31.2





#77

Benzidine

Concen: 34.020 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

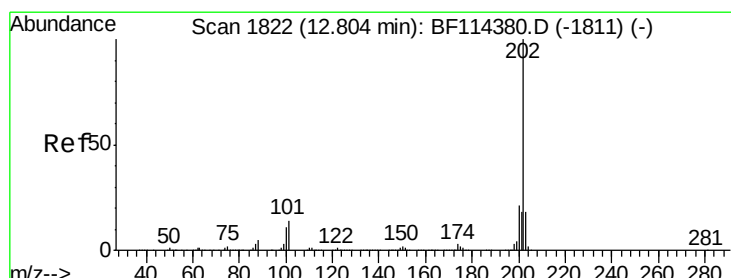
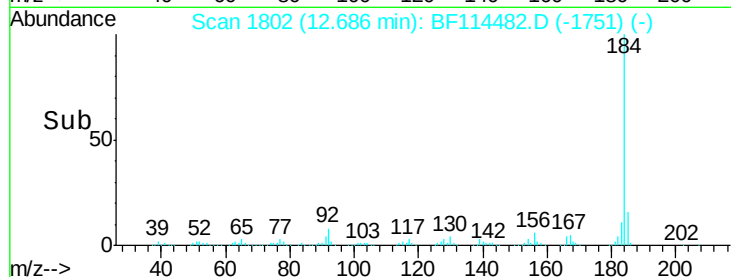
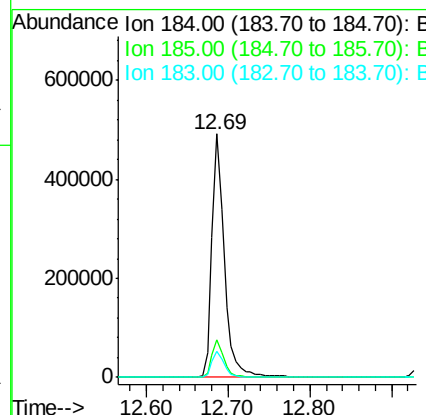
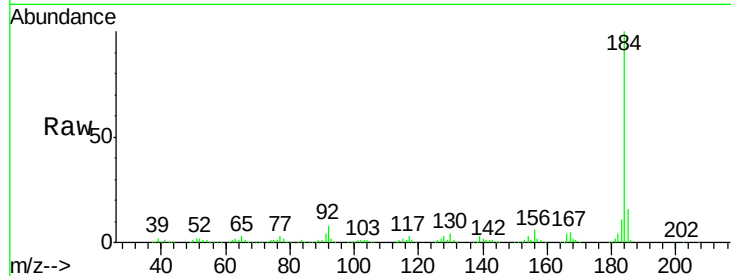
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	184	Resp:	524763
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.6	20.4
183	10.8	9.2	13.8

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#78

Pyrene

Concen: 36.222 ng

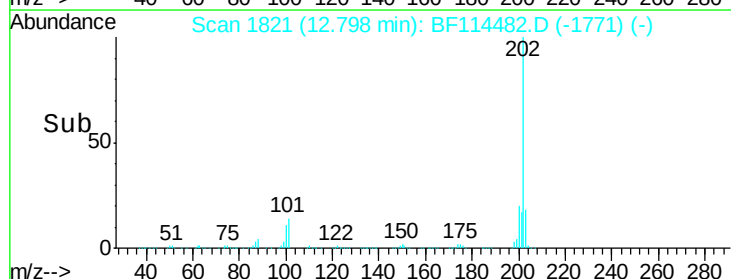
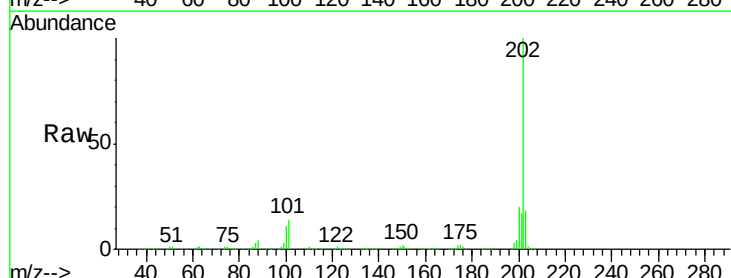
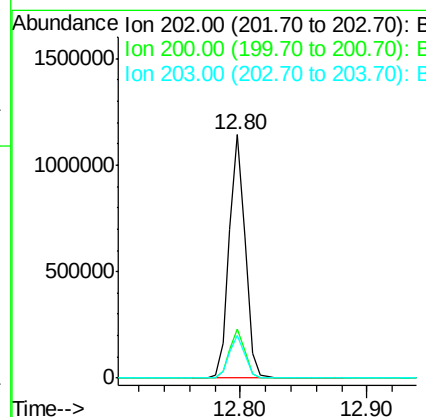
RT: 12.80 min Scan# 1821

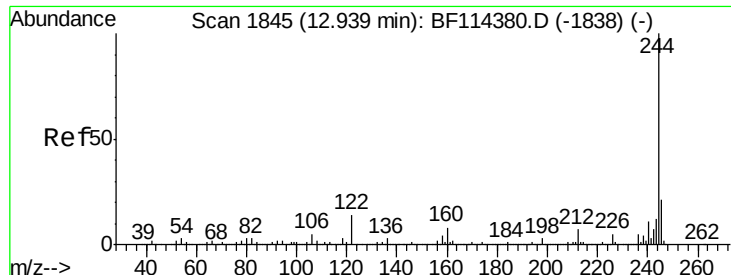
Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	202	Resp:	1001310
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.9	25.3
203	17.7	14.5	21.7





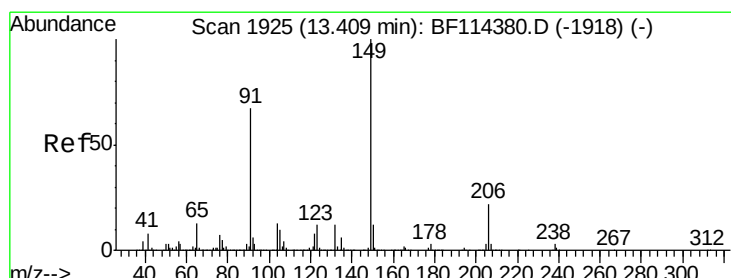
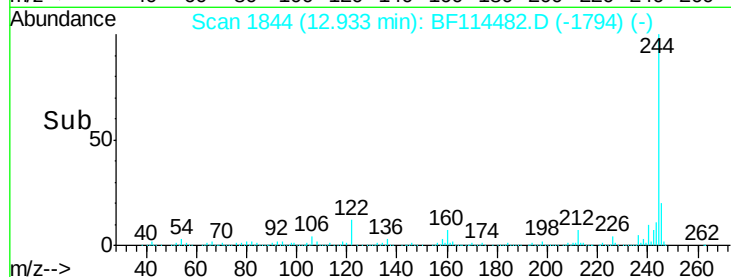
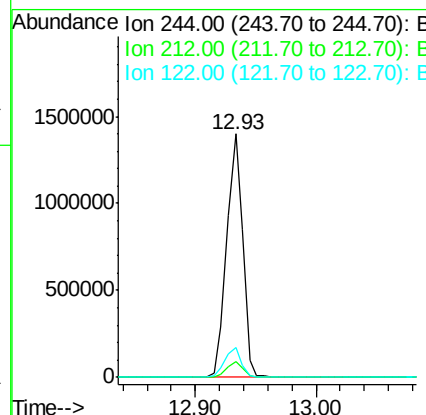
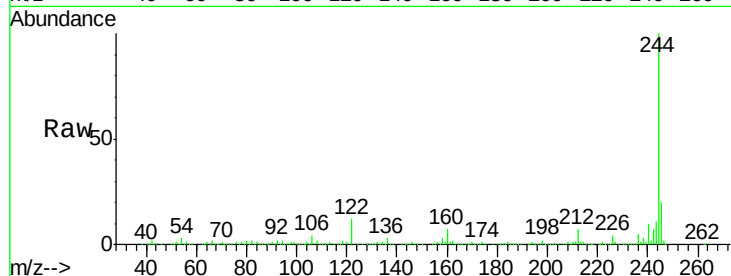
#79
 Terphenyl-d14
 Concen: 77.085 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.3	9.4	14.2

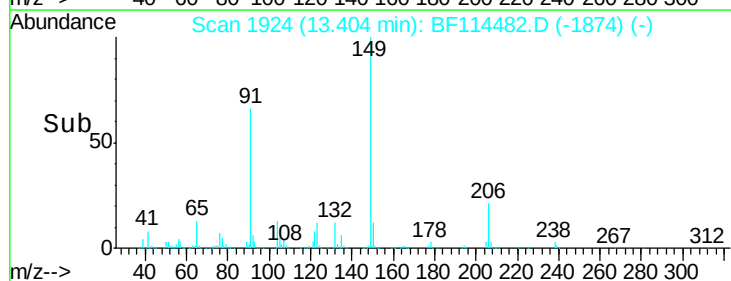
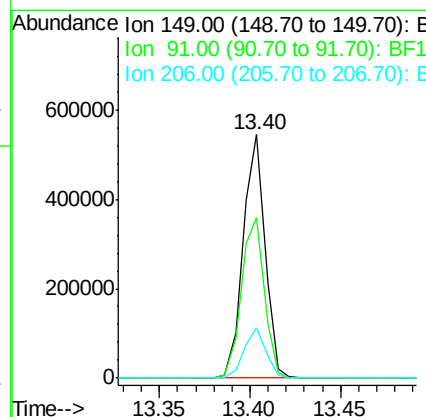
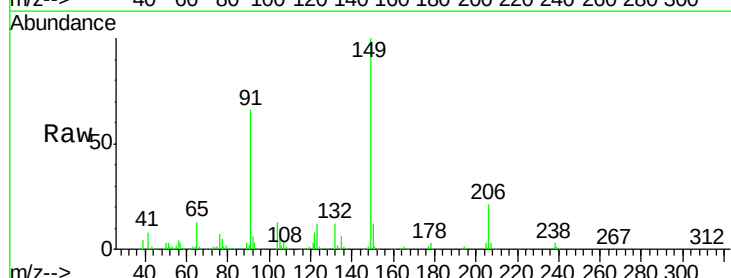
Manual Integrations
 APPROVED

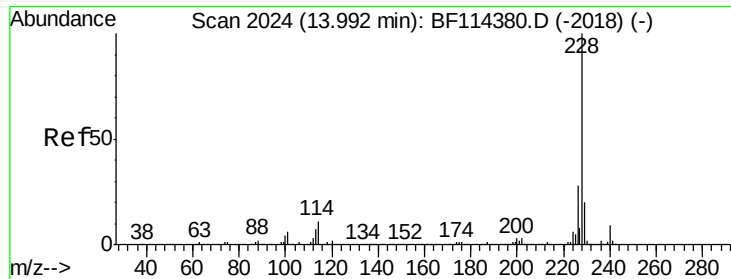
Sohil
 5/23/2019 8:15:54 AM



#80
 Butylbenzylphthalate
 Concen: 39.373 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF114482.D
 Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.8	55.0	82.4
206	20.9	16.9	25.3





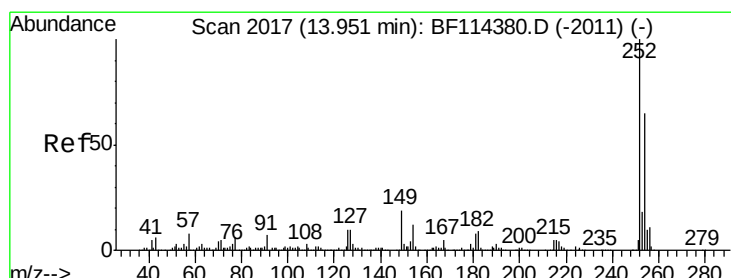
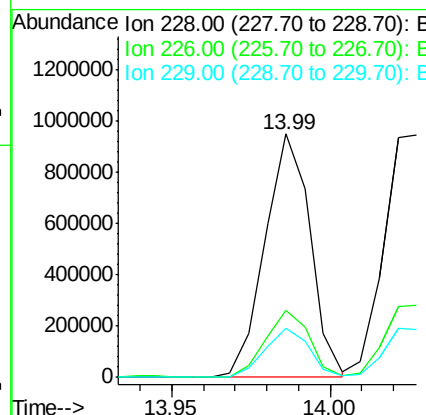
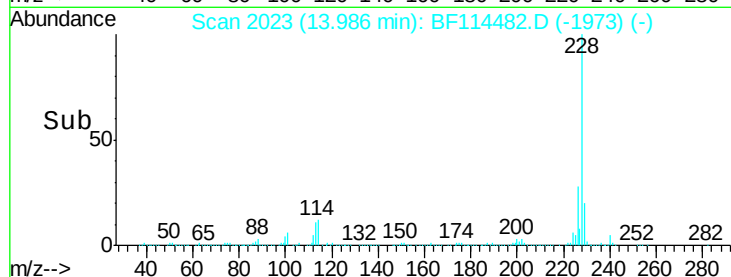
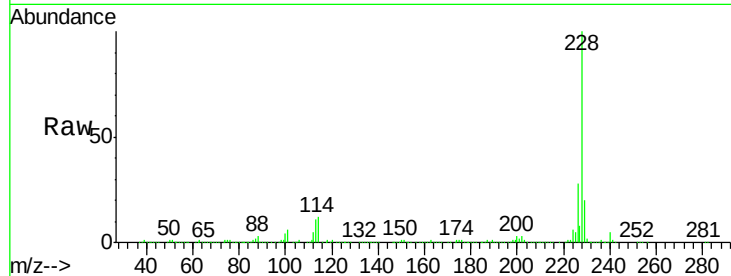
#81
Benzo(a)anthracene
Concen: 42.289 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.2	16.4	24.6

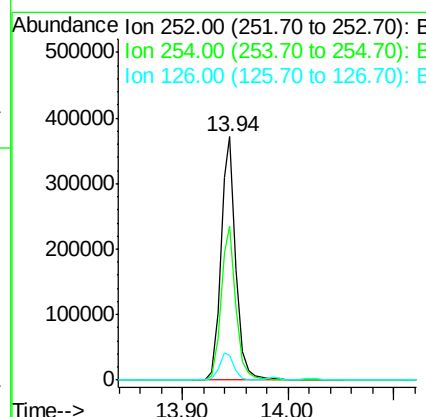
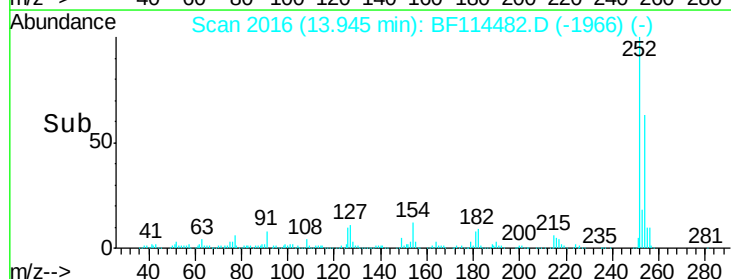
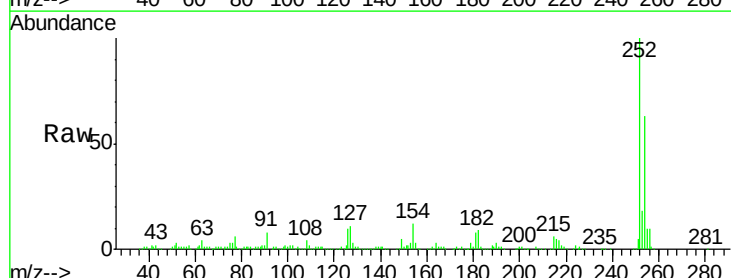
Manual Integrations
APPROVED

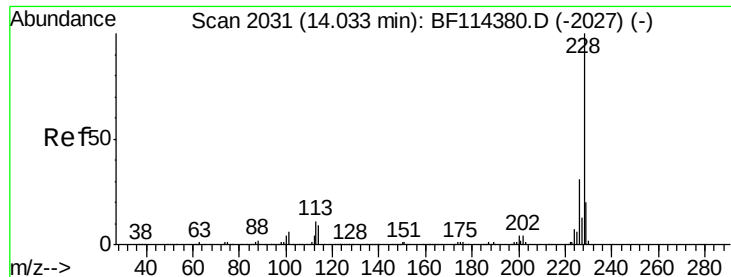
Sohil
5/23/2019 8:15:54 AM



#82
3,3'-Dichlorobenzidine
Concen: 43.115 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.9	77.9
126	10.0	7.9	11.9





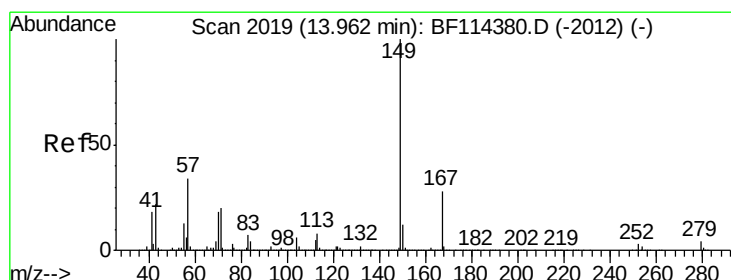
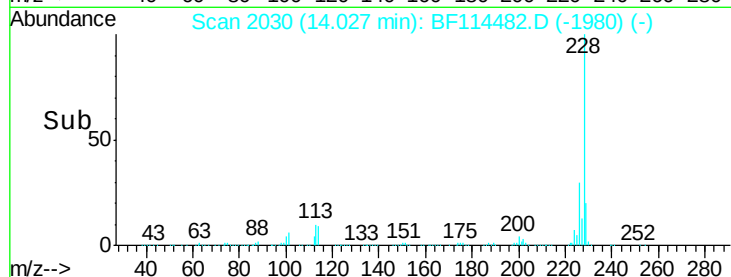
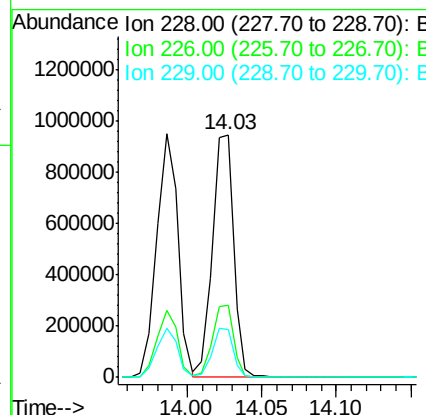
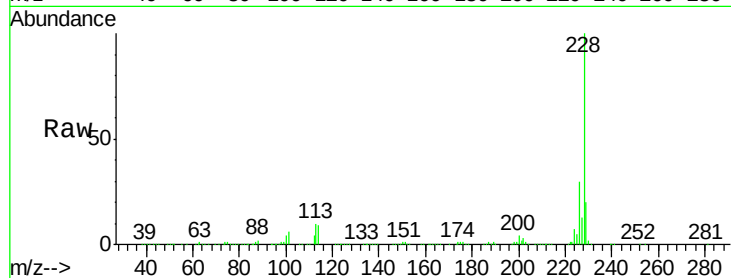
#83
Chrysene
Concen: 42.761 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.5	17.0	25.6

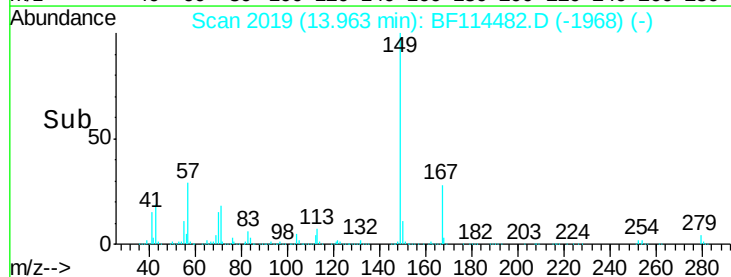
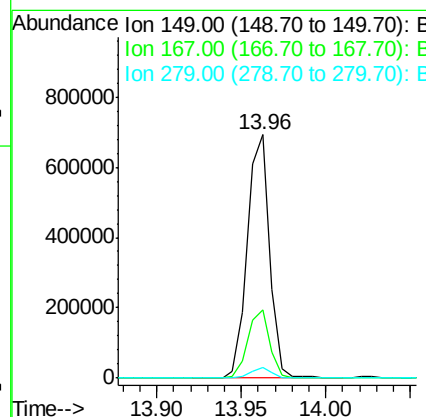
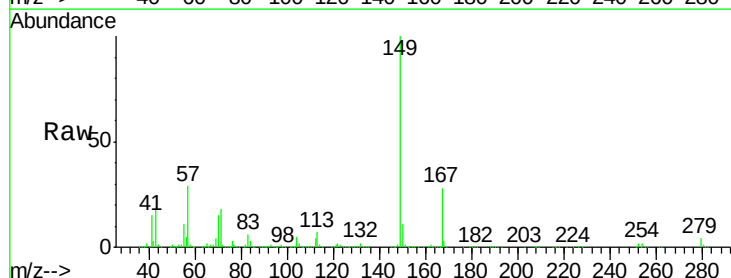
Manual Integrations
APPROVED

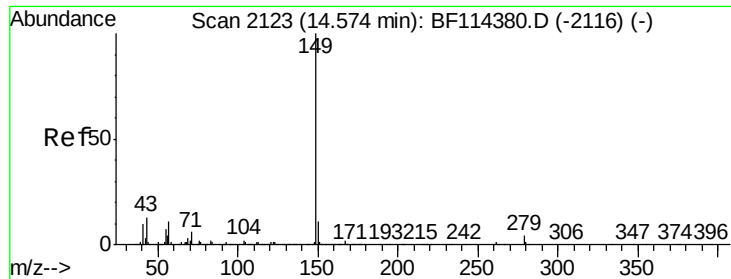
Sohil
5/23/2019 8:15:54 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.920 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.6	33.8
279	4.4	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 45.606 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

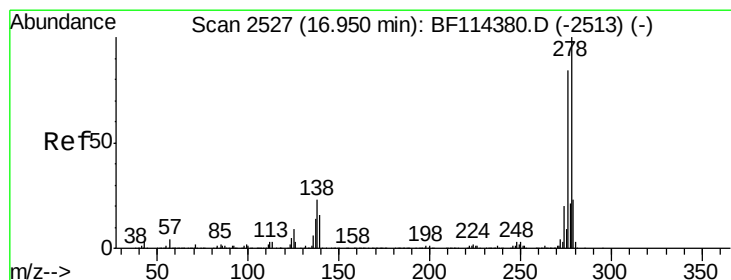
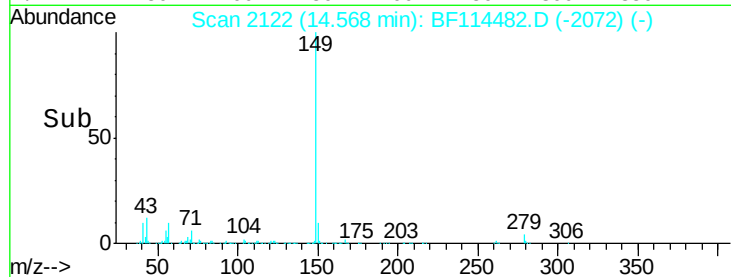
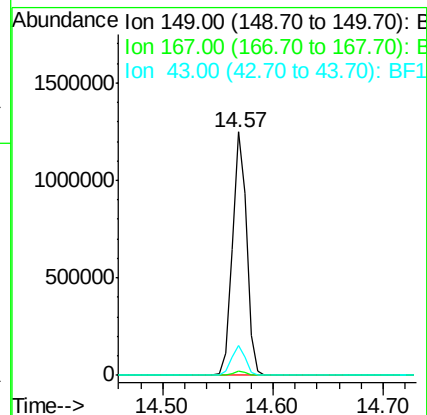
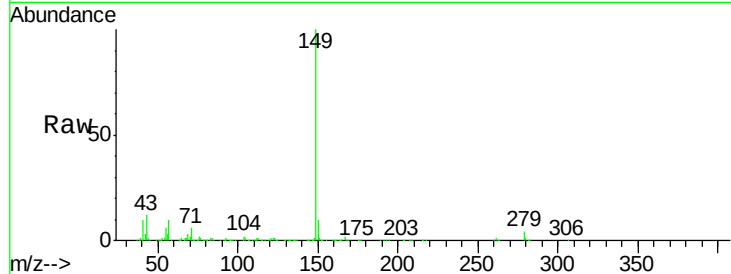
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	1125051
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	12.2	10.1	15.1

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.892 ng

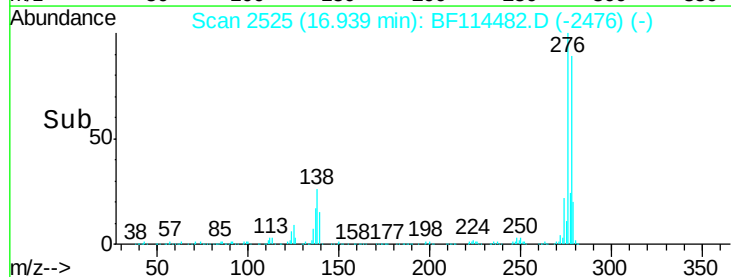
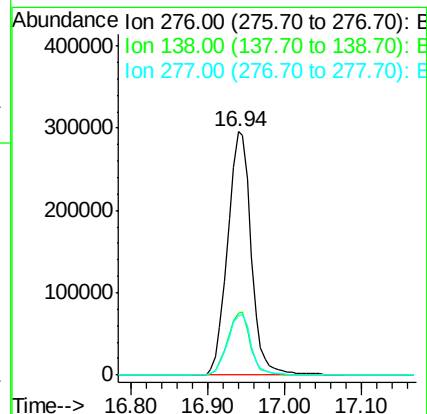
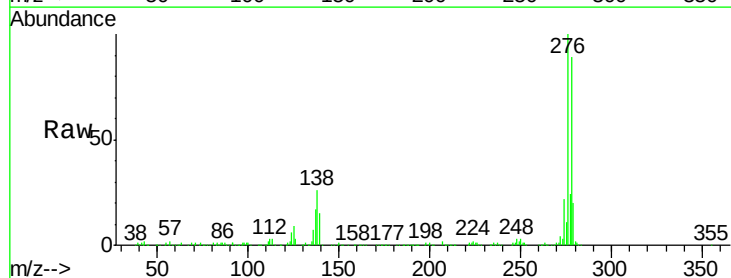
RT: 16.94 min Scan# 2525

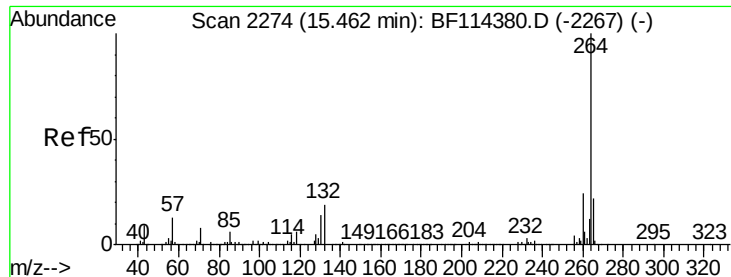
Delta R.T. -0.01 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	276	Resp:	633362
Ion Ratio	Lower	Upper	
276	100		
138	25.1	20.2	30.2
277	24.8	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Instrument :

BNA_F

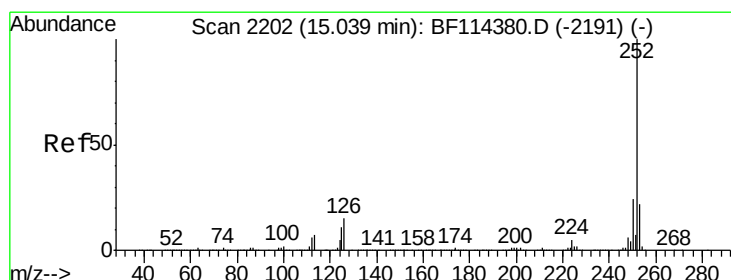
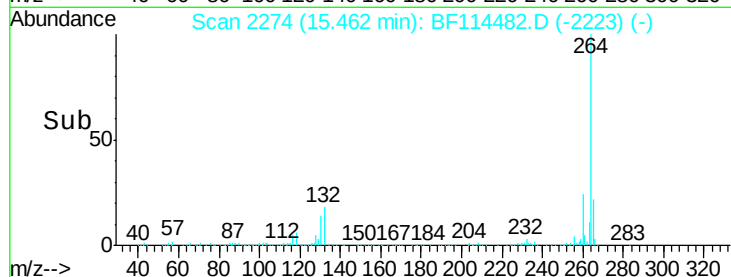
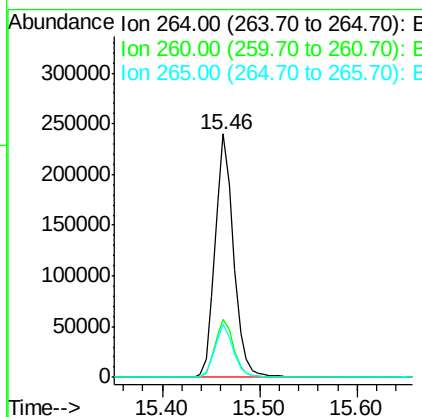
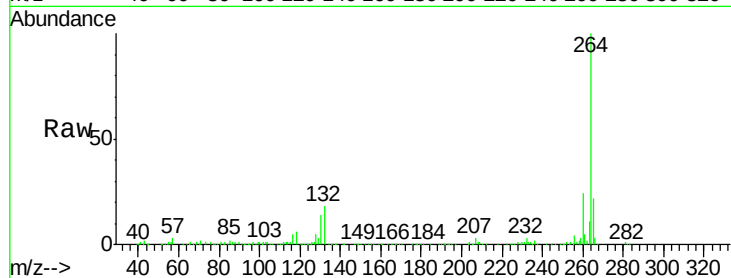
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	264	Resp:	316049
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.8	16.9	25.3

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



#88

Benzo(b)fluoranthene

Concen: 44.321 ng

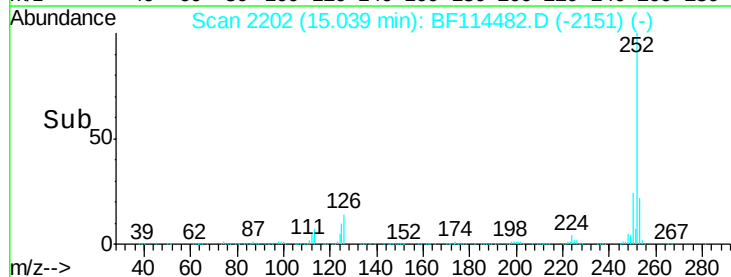
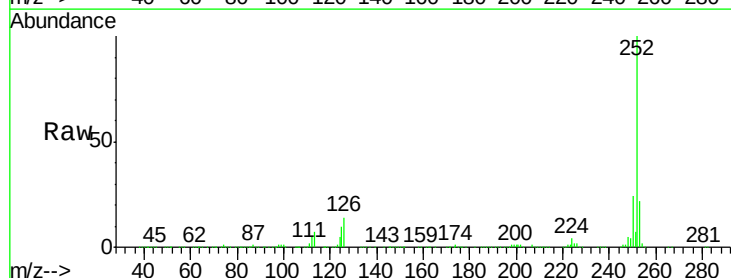
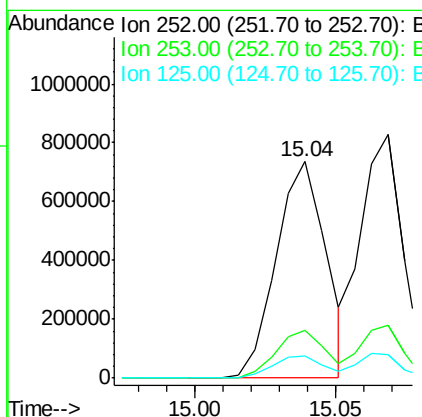
RT: 15.04 min Scan# 2202

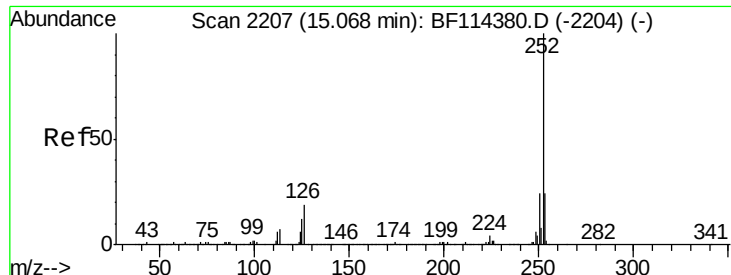
Delta R.T. 0.00 min

Lab File: BF114482.D

Acq: 22 May 2019 3:45

Tgt Ion:	252	Resp:	897398
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.1	8.3	12.5





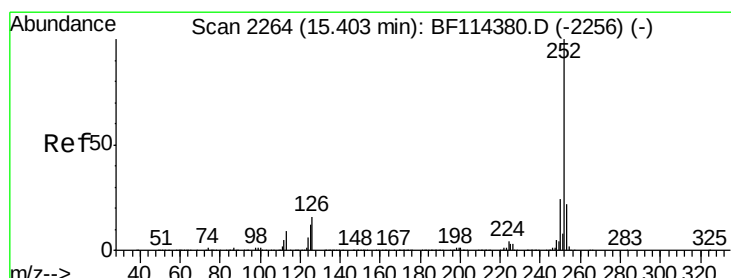
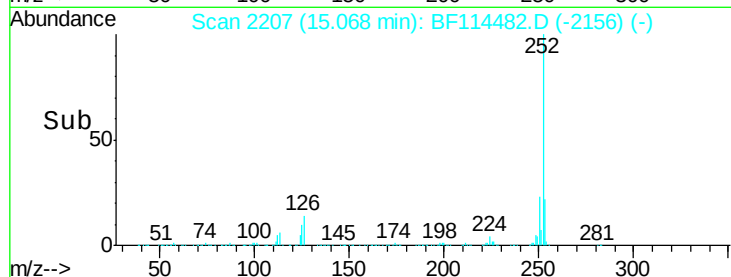
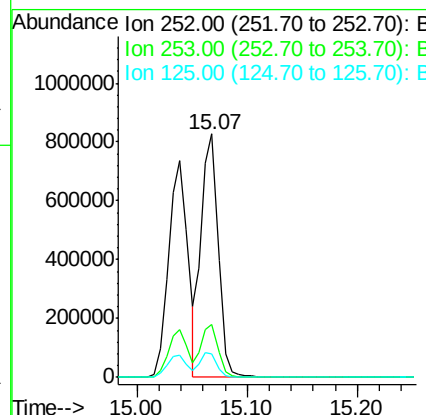
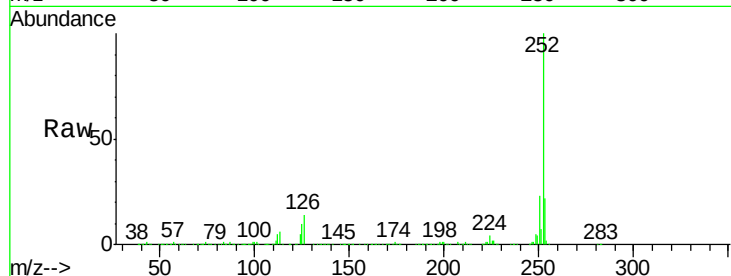
#89
Benzo(k)fluoranthene
Concen: 46.722 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.9	8.6	13.0

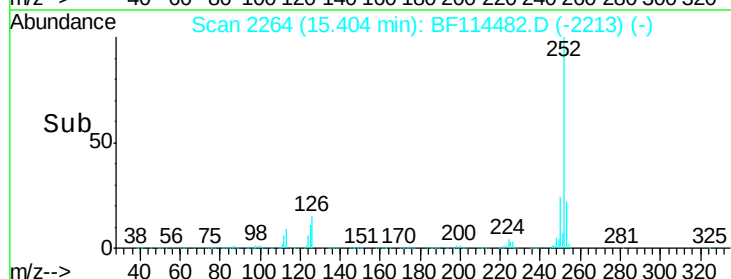
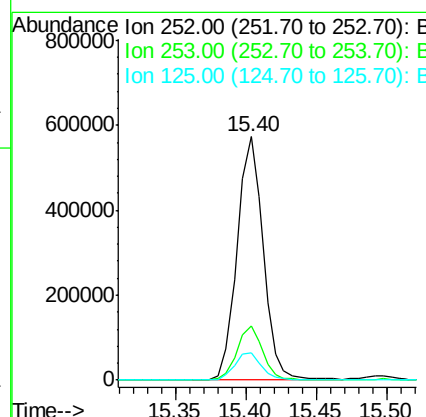
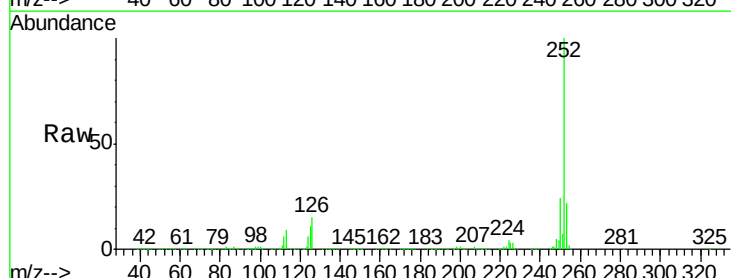
Manual Integrations
APPROVED

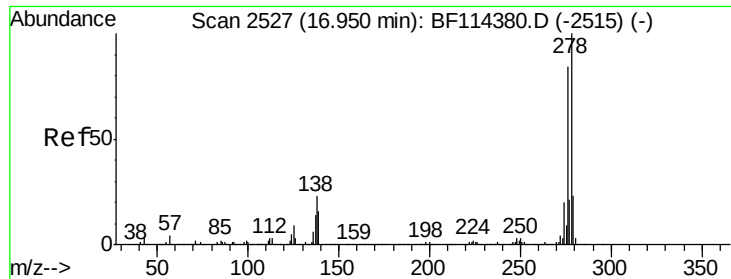
Sohil
5/23/2019 8:15:54 AM



#90
Benzo(a)pyrene
Concen: 41.610 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.5	9.5	14.3





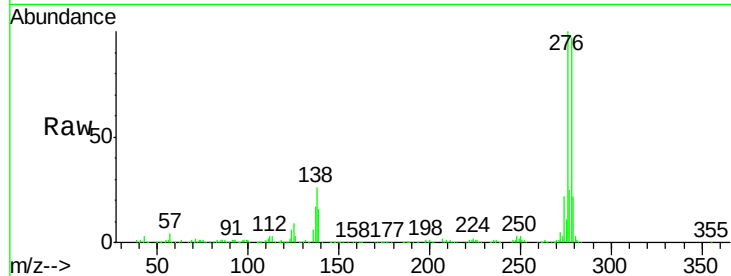
#91
Dibenzo(a,h)anthracene
Concen: 36.366 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

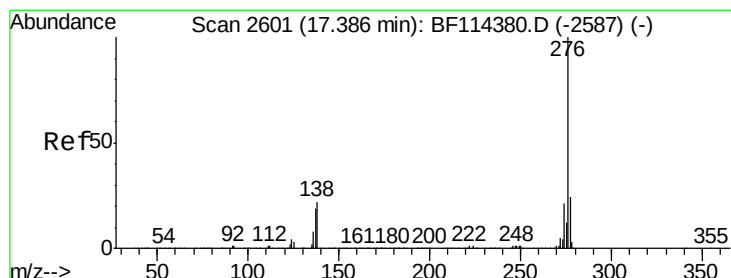
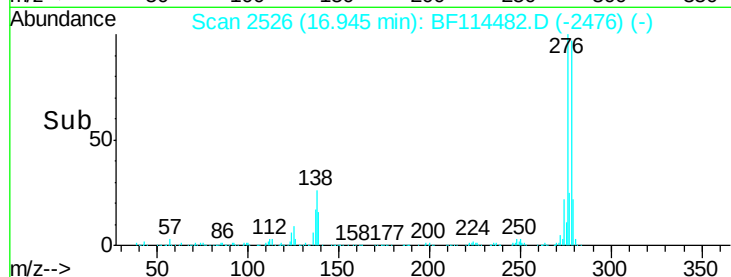
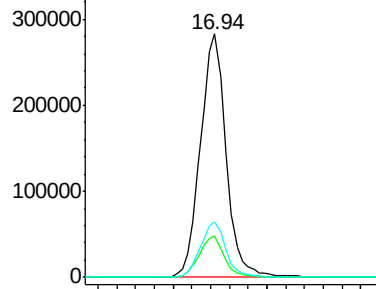
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	22.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:54 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.538 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BF114482.D
Acq: 22 May 2019 3:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	21.4	17.8	26.6

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

