

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114387.D
 Acq On : 18 May 2019 13:32
 Operator : JU/SJ
 Sample : PB119788BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:17:12 PM

Quant Time: May 20 05:05:47 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	236475	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	899824	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	437657	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	885875	20.00	ng	0.00
76) Chrysene-d12	14.00	240	599068	20.00	ng	0.00
87) Perylene-d12	15.46	264	596192	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1536721	104.58	ng	0.01
7) Phenol-d6	6.49	99	2005344	115.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	1260228	78.60	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	517828	114.45	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2244792	77.59	ng	0.00
79) Terphenyl-d14	12.94	244	2364723	81.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	221545	27.429	ng	98
3) Pyridine	3.42	79	608942	27.363	ng	95
4) n-Nitrosodimethylamine	3.36	42	332786	31.010	ng	96
6) Aniline	6.50	93	414913	16.527	ng	# 1
8) 2-Chlorophenol	6.63	128	602904	38.433	ng	93
9) Benzaldehyde	6.39	77	250578	20.595	ng	97
10) Phenol	6.50	94	725798	35.500	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	595481	38.365	ng	96
12) 1,3-Dichlorobenzene	6.78	146	619235	35.166	ng	99
13) 1,4-Dichlorobenzene	6.85	146	619649	34.921	ng	98
14) 1,2-Dichlorobenzene	7.01	146	581176	35.850	ng	98
15) Benzyl Alcohol	6.99	79	499562	36.854	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1077005	35.786	ng	64
17) 2-Methylphenol	7.10	107	482152	37.415	ng	# 90
18) Hexachloroethane	7.35	117	231942	34.823	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	419911	38.118	ng	99
20) 3+4-Methylphenols	7.26	107	632622	42.490	ng	# 61
22) Acetophenone	7.25	105	802885	40.277	ng	# 90
24) Nitrobenzene	7.42	77	642317	39.332	ng	94
25) Isophorone	7.66	82	1190095	40.021	ng	99
26) 2-Nitrophenol	7.73	139	336733	42.500	ng	97
27) 2,4-Dimethylphenol	7.78	122	555547	44.644	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	755938	39.180	ng	99
29) 2,4-Dichlorophenol	7.99	162	516806	41.708	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	531194	37.699	ng	98
31) Naphthalene	8.14	128	1696023	40.351	ng	99
32) Benzoic acid	7.90	122	162808	22.686	ng	99
33) 4-Chloroaniline	8.19	127	237981	12.425	ng	97
34) Hexachlorobutadiene	8.25	225	289676	36.132	ng	97
35) Caprolactam	8.56	113	184291m	45.612	ng	
36) 4-Chloro-3-methylphenol	8.69	107	550435	44.131	ng	98
37) 2-Methylnaphthalene	8.83	142	1162747	42.876	ng	98
38) 1-Methylnaphthalene	8.93	142	1097603	42.978	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	524539	39.565	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114387.D
 Acq On : 18 May 2019 13:32
 Operator : JU/SJ
 Sample : PB119788BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

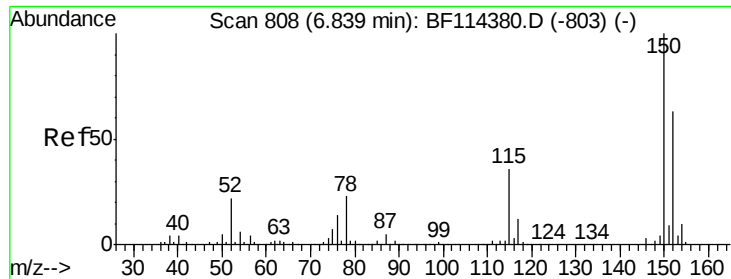
Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:17:12 PM

Quant Time: May 20 05:05:47 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	316978	52.870	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	356201	39.062	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	378148	40.436	ng	98
46) 1,1'-Biphenyl	9.29	154	1423300	40.255	ng	99
47) 2-Chloronaphthalene	9.32	162	1090180	38.313	ng	99
48) 2-Nitroaniline	9.42	65	392110	38.856	ng	97
49) Acenaphthylene	9.73	152	1740416	40.215	ng	99
50) Dimethylphthalate	9.59	163	1317845	41.018	ng	100
51) 2,6-Dinitrotoluene	9.66	165	296176	41.563	ng	98
52) Acenaphthene	9.90	154	1015664	38.244	ng	99
53) 3-Nitroaniline	9.83	138	198265	22.413	ng	100
54) 2,4-Dinitrophenol	9.95	184	144644	43.709	ng	99
55) Dibenzofuran	10.07	168	1510817	38.796	ng	99
56) 4-Nitrophenol	10.01	139	361790	57.834	ng	98
57) 2,4-Dinitrotoluene	10.07	165	377043	38.983	ng	# 90
58) Fluorene	10.42	166	1219754	40.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	310546	38.485	ng	99
60) Diethylphthalate	10.29	149	1341642	41.099	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	590669	39.982	ng	98
62) 4-Nitroaniline	10.45	138	332842	35.808	ng	97
63) Azobenzene	10.57	77	1279002	40.477	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	137305	32.256	ng	84
66) n-Nitrosodiphenylamine	10.53	169	1116585	41.530	ng	98
67) 4-Bromophenyl-phenylether	10.90	248	388167	39.796	ng	94
68) Hexachlorobenzene	10.97	284	413986	38.366	ng	94
69) Atrazine	11.06	200	355016	42.431	ng	98
70) Pentachlorophenol	11.17	266	275168	53.795	ng	98
71) Phenanthrene	11.38	178	1773449	41.148	ng	98
72) Anthracene	11.43	178	1840164	42.509	ng	99
73) Carbazole	11.59	167	1700629	41.197	ng	99
74) Di-n-butylphthalate	11.91	149	2176936	45.774	ng	99
75) Fluoranthene	12.57	202	1924034	41.455	ng	97
77) Benzidine	12.69	184	383384	14.257	ng	97
78) Pyrene	12.80	202	1938730	40.229	ng	99
80) Butylbenzylphthalate	13.40	149	945828	46.628	ng	95
81) Benzo(a)anthracene	13.99	228	1578068	40.727	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	382914	25.475	ng	99
83) Chrysene	14.03	228	1573013	41.413	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1344661	50.686	ng	99
85) Di-n-octyl phthalate	14.58	149	2144598	49.867	ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1546300	46.063	ng	98
88) Benzo(b)fluoranthene	15.04	252	1628635	42.639	ng	100
89) Benzo(k)fluoranthene	15.07	252	1387505	39.545	ng	99
90) Benzo(a)pyrene	15.41	252	1470455	43.744	ng	98
91) Dibenzo(a,h)anthracene	16.95	278	1288599	46.132	ng	99
92) Benzo(g,h,i)perylene	17.39	276	1340111	47.874	ng	99

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



#1

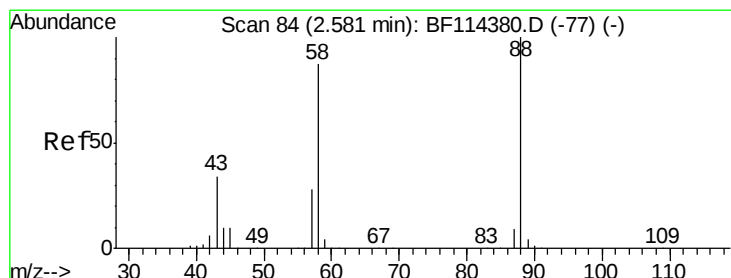
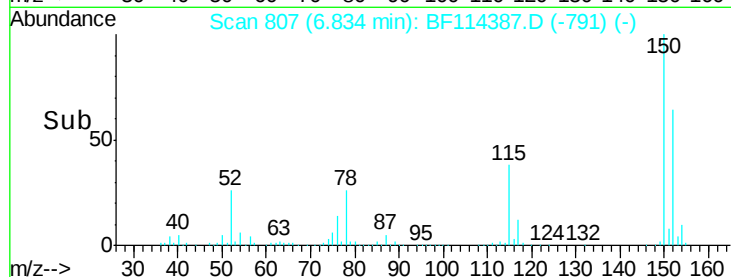
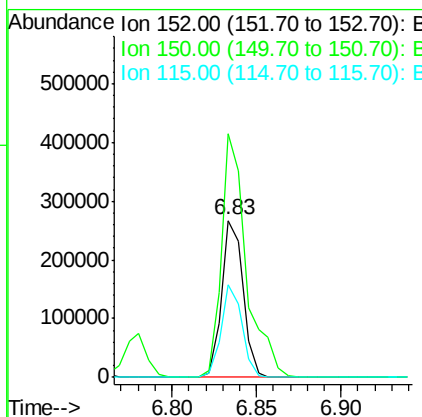
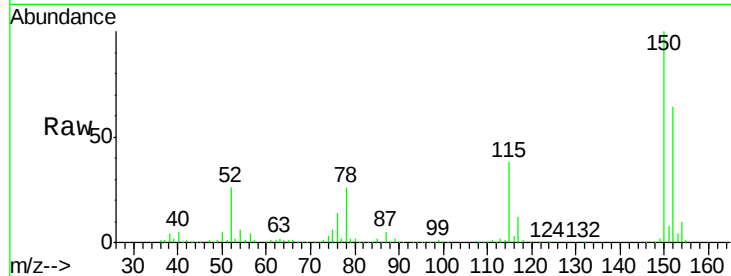
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :
PB119788BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	59.1	49.1	73.7

Manual Integrations
APPROVED

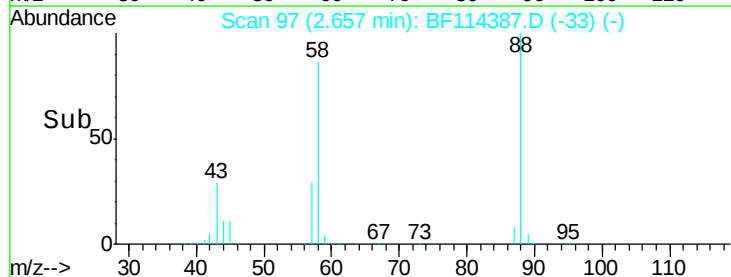
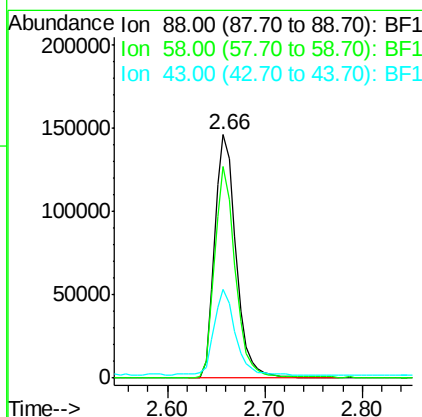
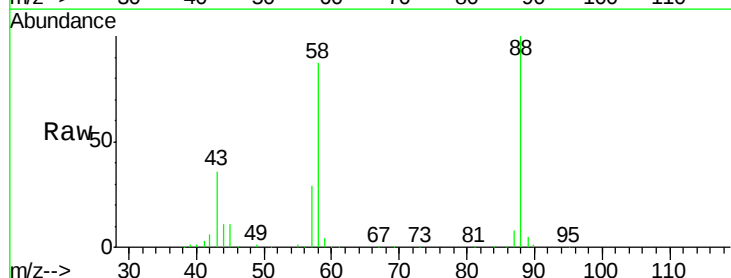
Sohil
5/21/2019 7:17:12 PM

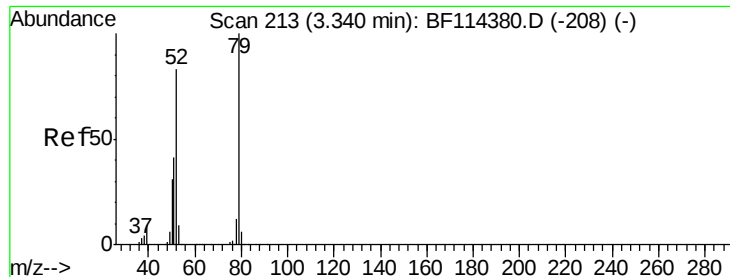


#2

1,4-Dioxane
Concen: 27.429 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.08 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.7	103.1
43	34.5	28.2	42.2





#3

Pyridine

Concen: 27.363 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.08 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

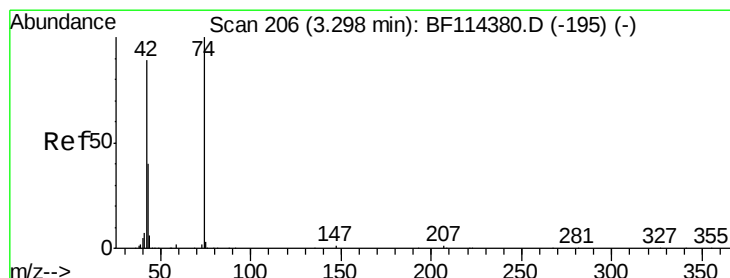
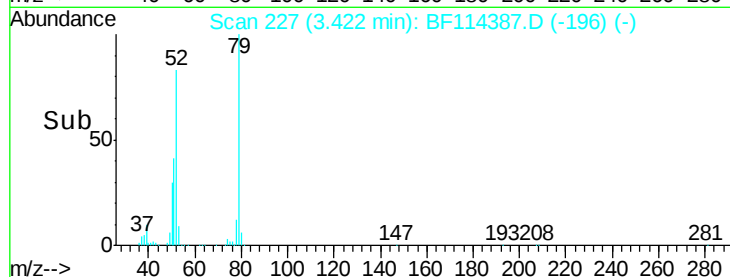
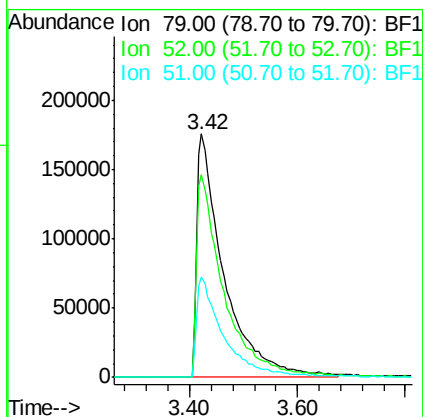
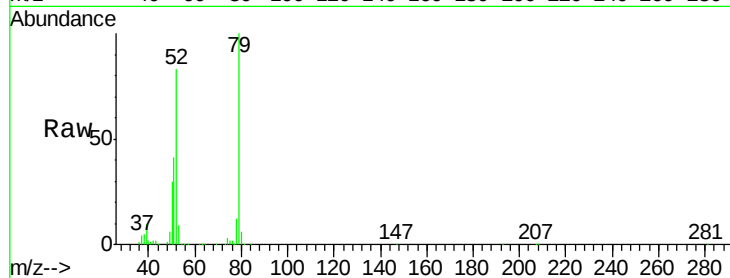
ClientSampleId :

PB119788BS

Tgt Ion:	79	Resp:	608942
Ion	Ratio	Lower	Upper
79	100		
52	83.1	70.6	105.8
51	40.9	34.2	51.2

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



#4

n-Nitrosodimethylamine

Concen: 31.010 ng

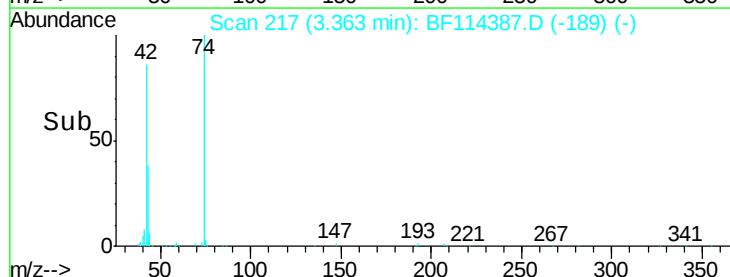
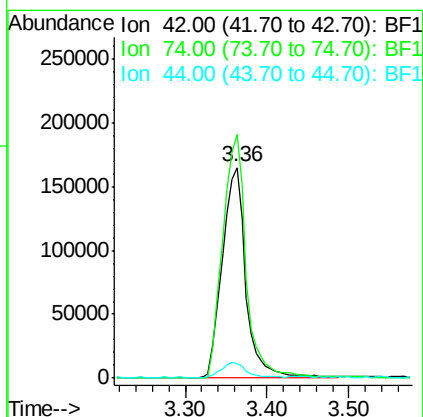
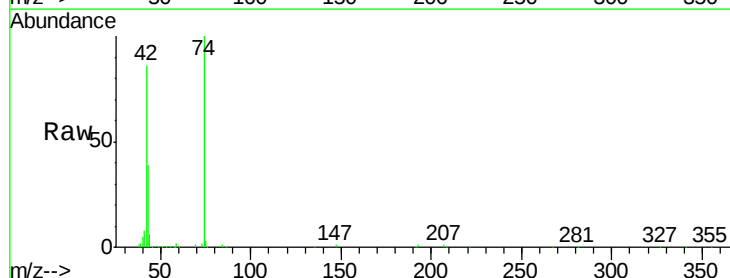
RT: 3.36 min Scan# 217

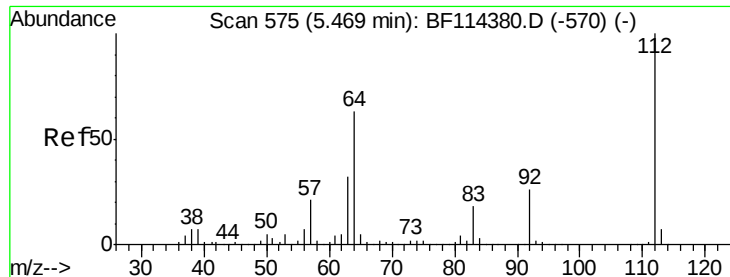
Delta R.T. 0.06 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:	42	Resp:	332786
Ion	Ratio	Lower	Upper
42	100		
74	115.6	88.6	132.8
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 104.577 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

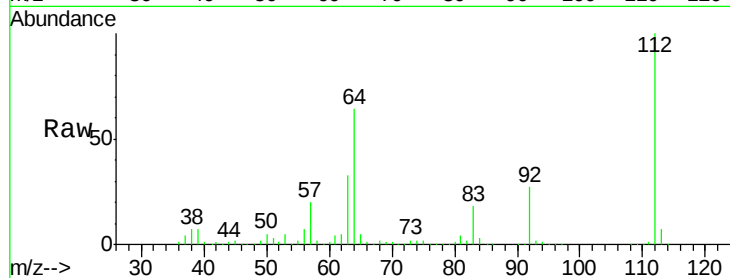
ClientSampleId :

PB119788BS

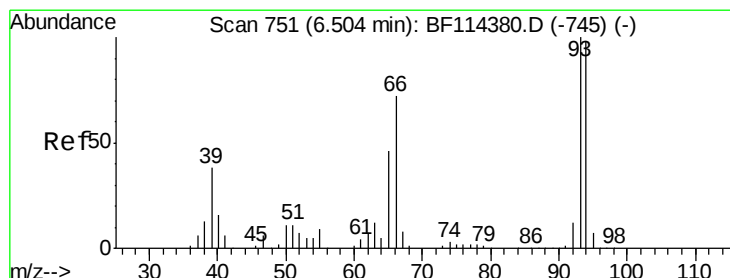
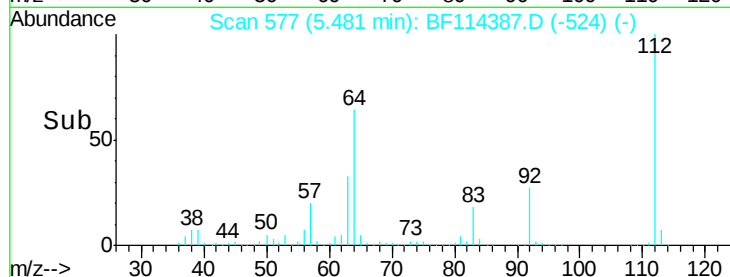
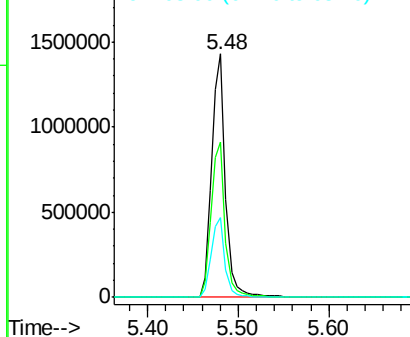
Tgt Ion:	112	Resp:	1536721
Ion Ratio	Lower	Upper	
112	100		
64	63.9	49.0	73.6
63	33.0	24.6	37.0

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



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



#6

Aniline

Concen: 16.527 ng

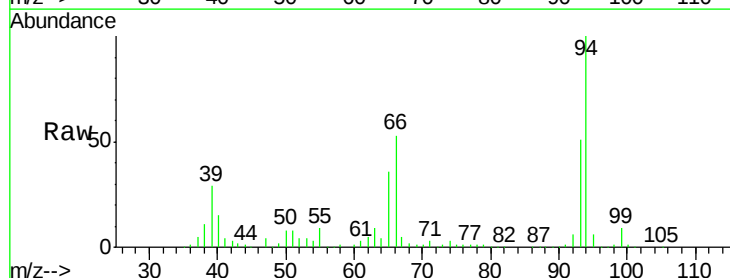
RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

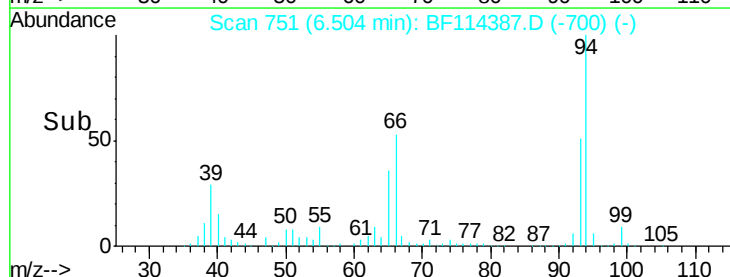
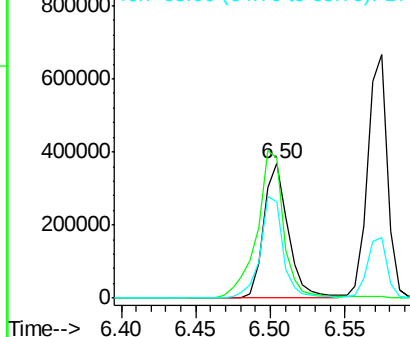
Lab File: BF114387.D

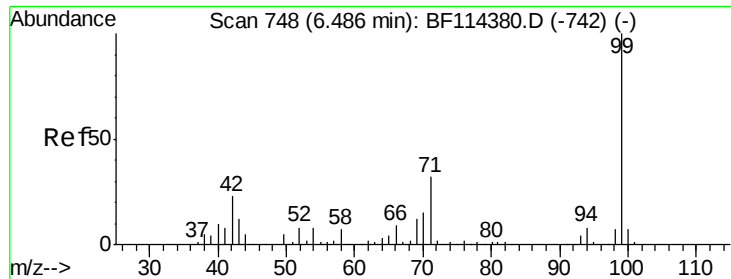
Acq: 18 May 2019 13:32

Tgt Ion:	93	Resp:	414913
Ion Ratio	Lower	Upper	
93	100		
66	104.3	33.2	49.8#
65	71.5	17.6	26.4#



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





#7

Phenol-d6

Concen: 115.384 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119788BS

Tgt Ion: 99 Resp: 2005344

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

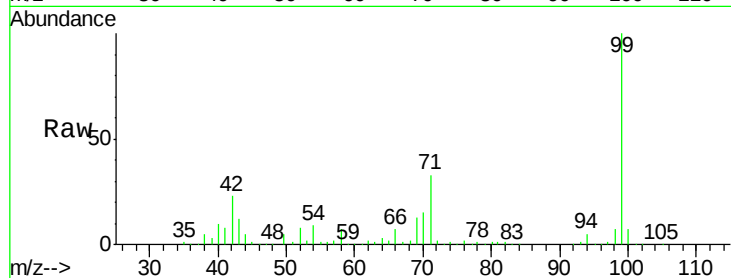
71 33.2 26.2 39.2

Manual Integrations

APPROVED

Sohil

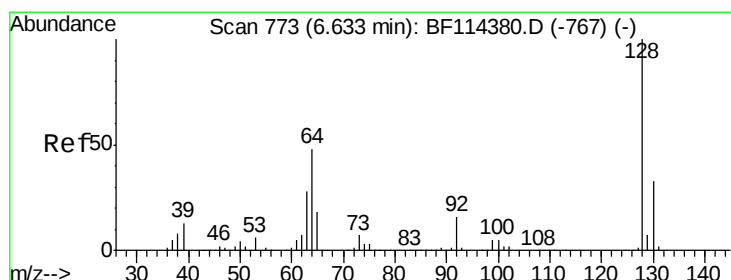
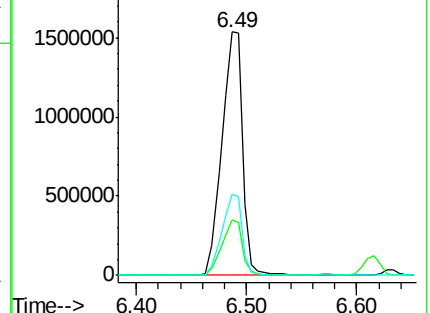
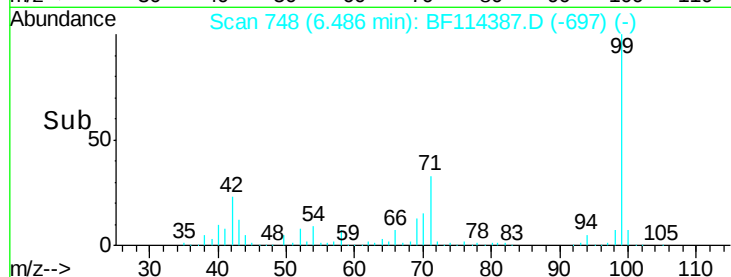
5/21/2019 7:17:12 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.433 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

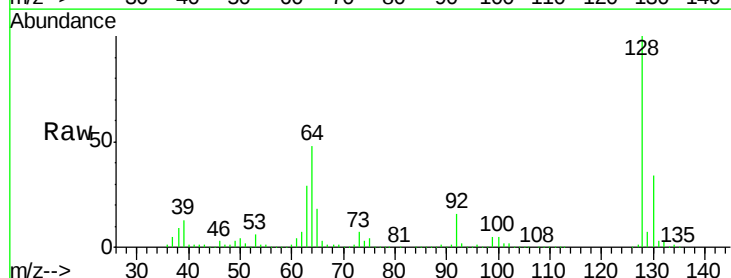
Tgt Ion: 128 Resp: 602904

Ion Ratio Lower Upper

128 100

130 33.9 12.6 52.6

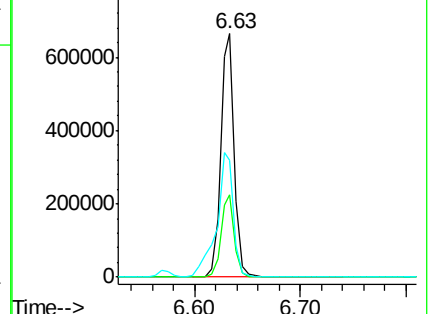
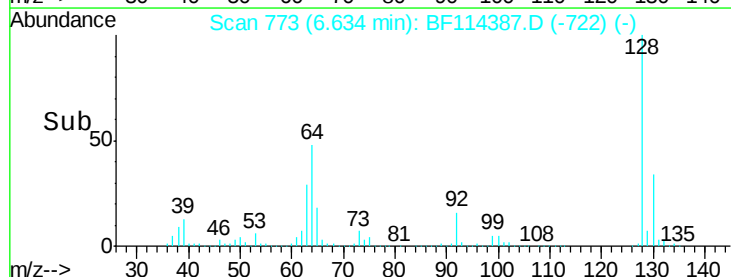
64 48.3 35.9 75.9

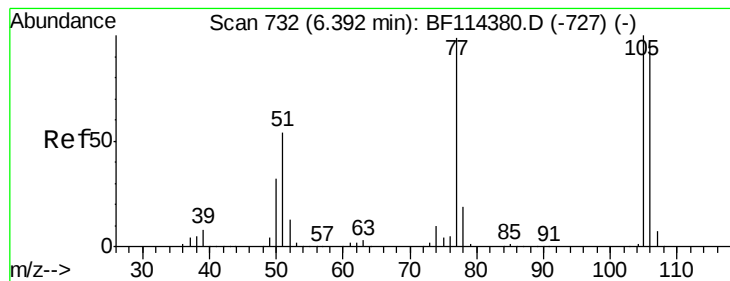


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.595 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119788BS

Tgt Ion: 77 Resp: 250578

Ion Ratio Lower Upper

77 100

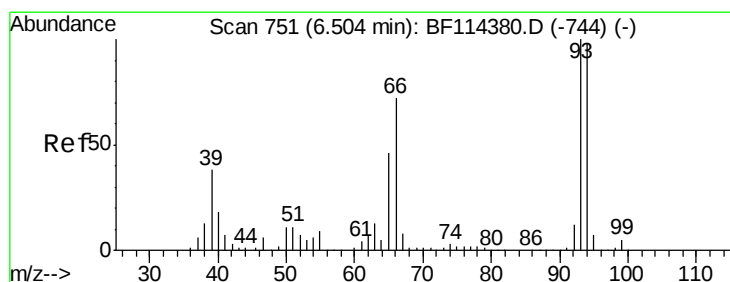
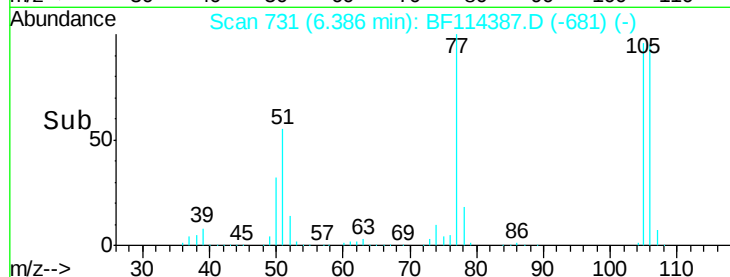
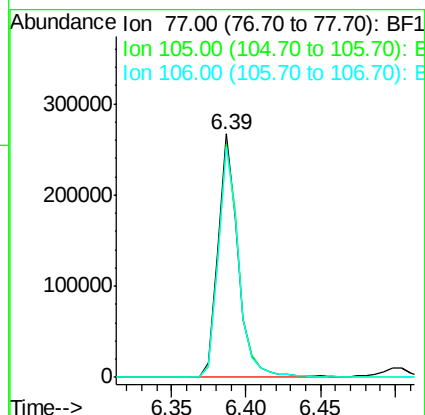
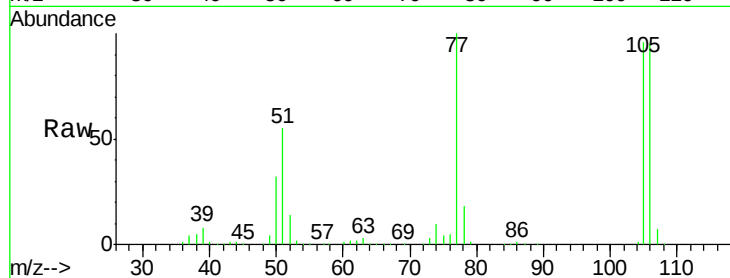
105 96.1 79.3 119.3

106 94.8 77.0 117.0

Manual Integrations
APPROVED

Sohil

5/21/2019 7:17:12 PM



#10

Phenol

Concen: 35.500 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

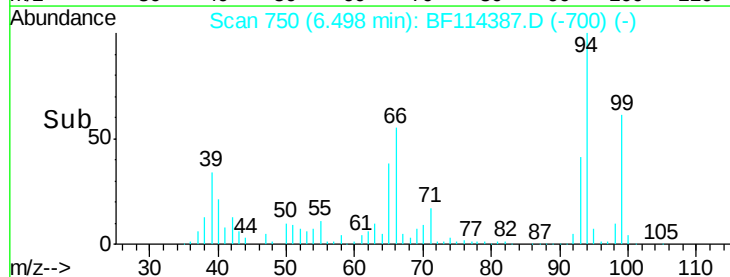
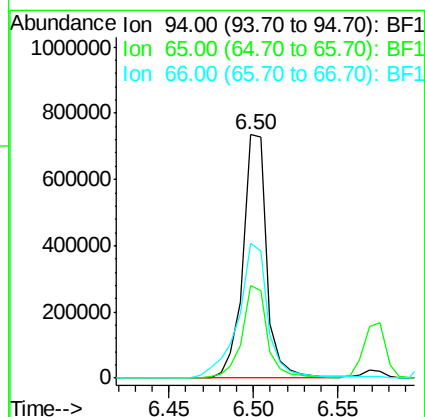
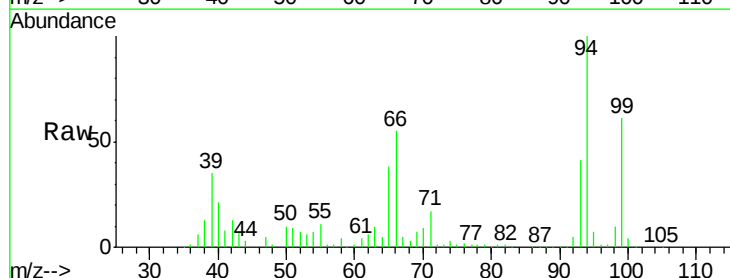
Tgt Ion: 94 Resp: 725798

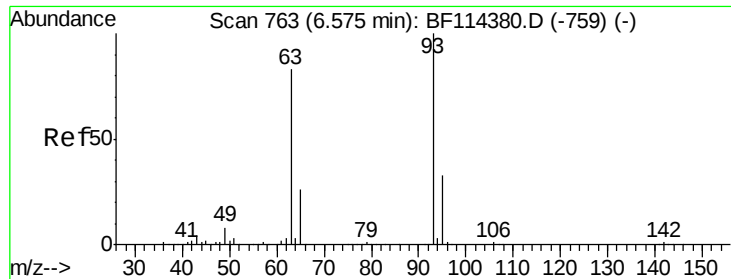
Ion Ratio Lower Upper

94 100

65 37.8 14.7 54.7

66 55.2 29.6 69.6





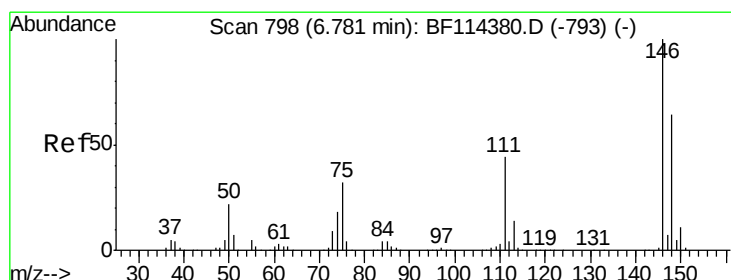
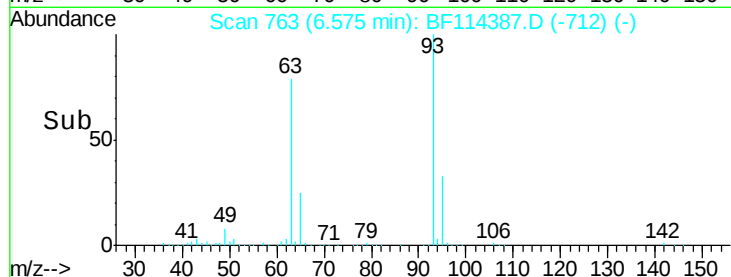
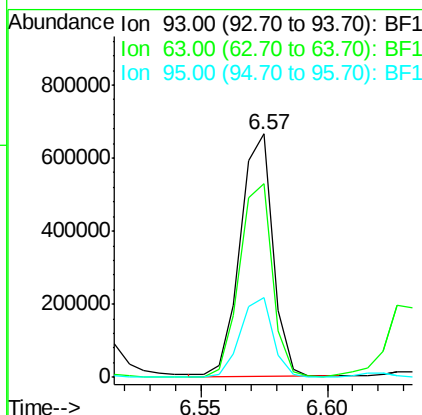
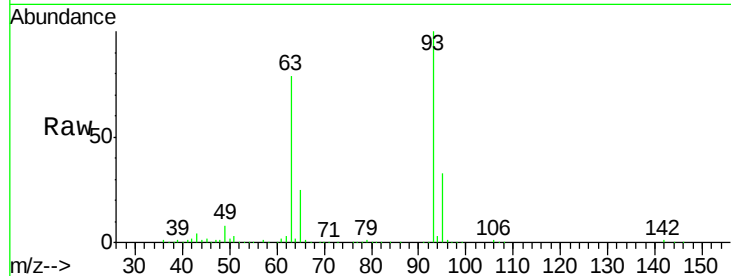
#11
bis(2-Chloroethyl)ether
Concen: 38.365 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.4	63.6	103.6
95	32.7	13.1	53.1

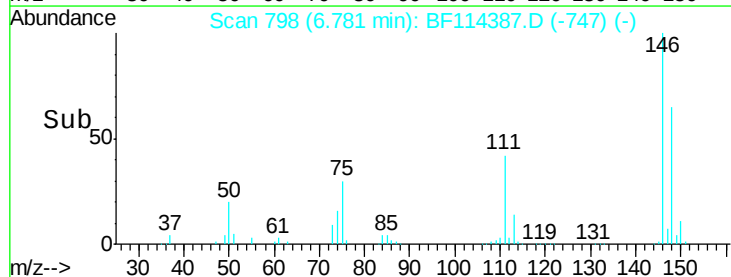
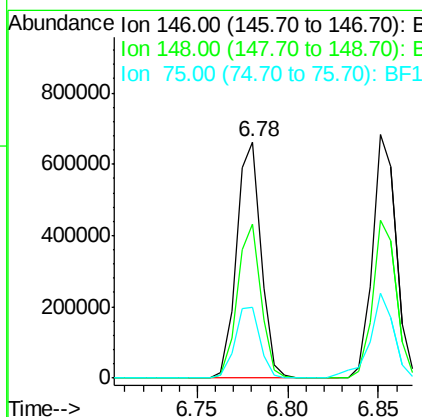
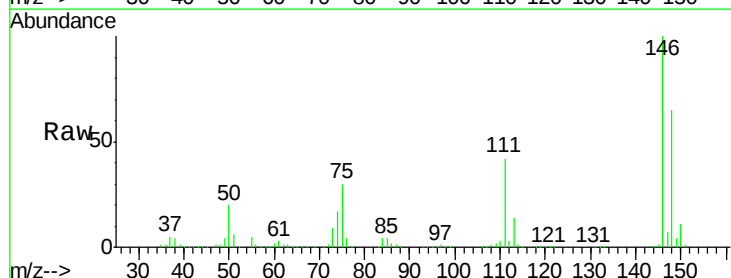
Manual Integrations
APPROVED

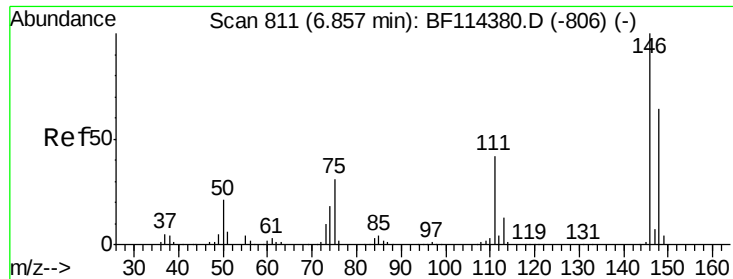
Sohil
5/21/2019 7:17:12 PM



#12
1,3-Dichlorobenzene
Concen: 35.166 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.6	77.4
75	30.1	24.2	36.2





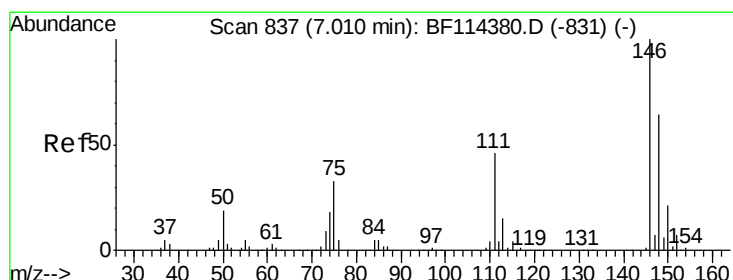
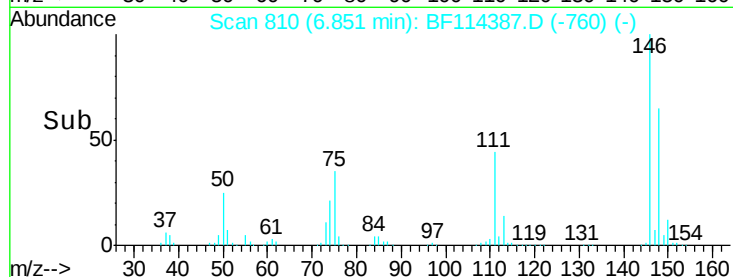
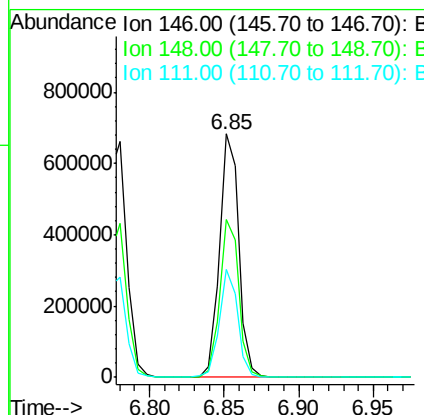
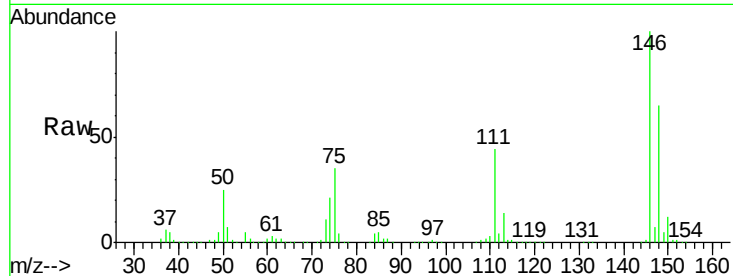
#13
1,4-Dichlorobenzene
Concen: 34.921 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.2
111	44.2	35.8	53.6

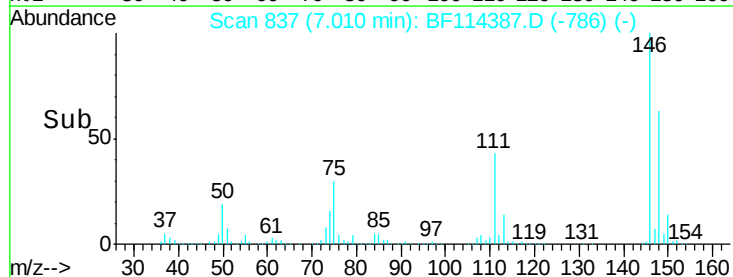
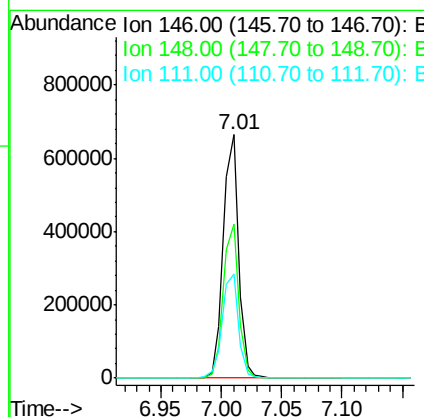
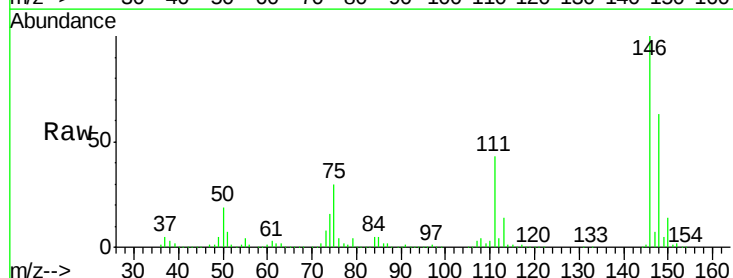
Manual Integrations
APPROVED

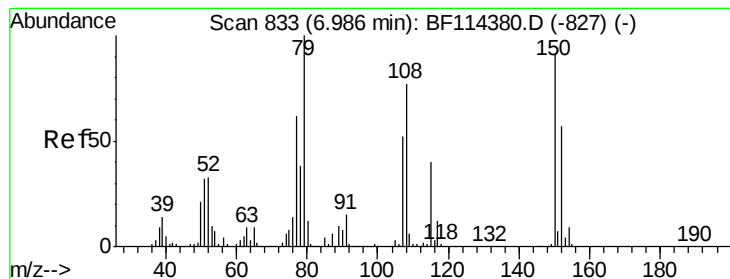
Sohil
5/21/2019 7:17:12 PM



#14
1,2-Dichlorobenzene
Concen: 35.850 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	42.5	35.3	52.9





#15

Benzyl Alcohol

Concen: 36.854 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

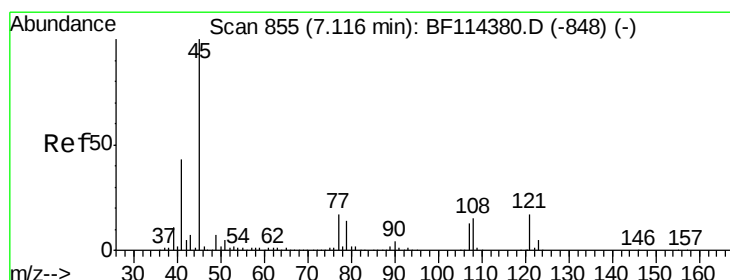
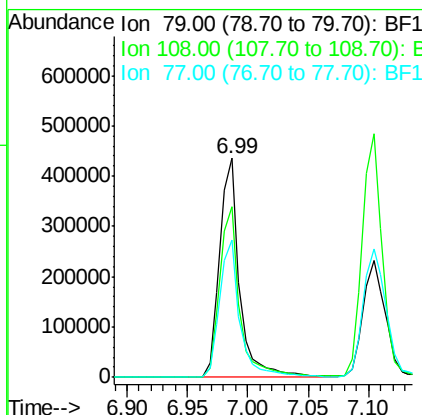
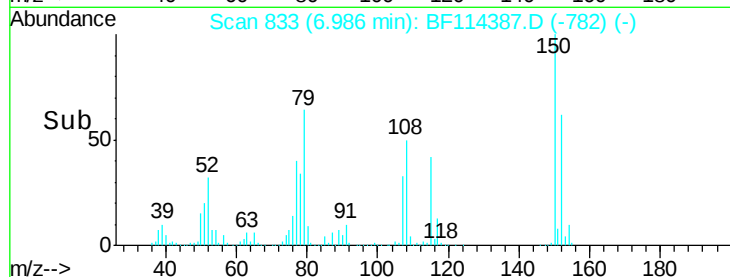
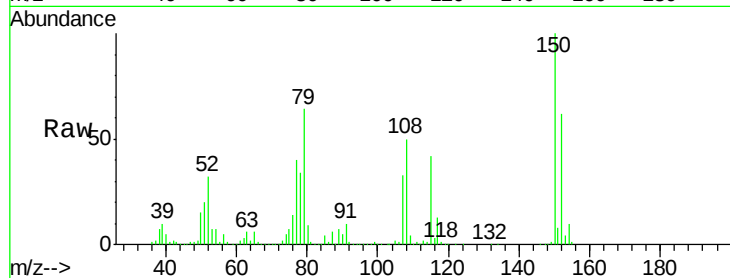
ClientSampleId :

PB119788BS

Tgt Ion:	79	Resp:	499562
Ion Ratio	Lower	Upper	
79	100		
108	77.8	62.1	93.1
77	62.5	51.0	76.6

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.786 ng

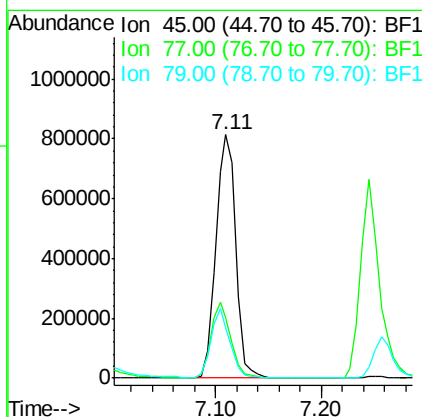
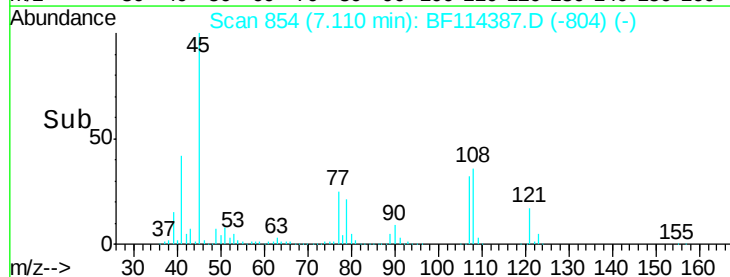
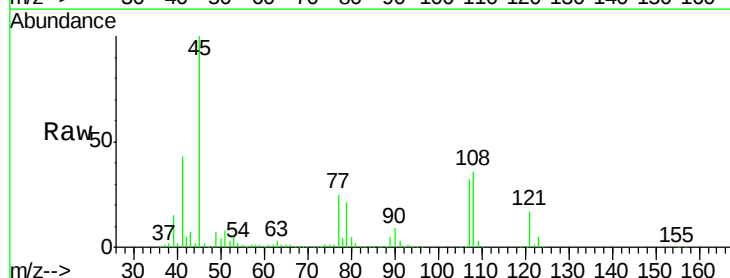
RT: 7.11 min Scan# 854

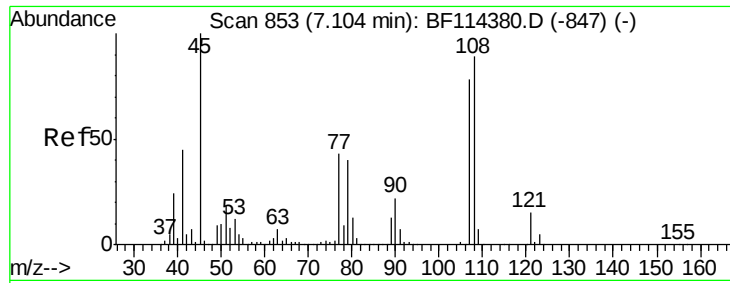
Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:	45	Resp:	1077005
Ion Ratio	Lower	Upper	
45	100		
77	25.0	0.0	31.1
79	20.9	0.0	28.4





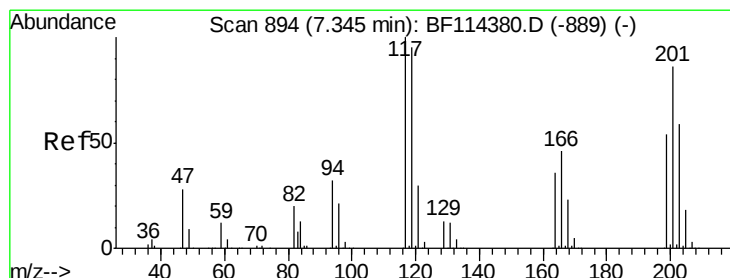
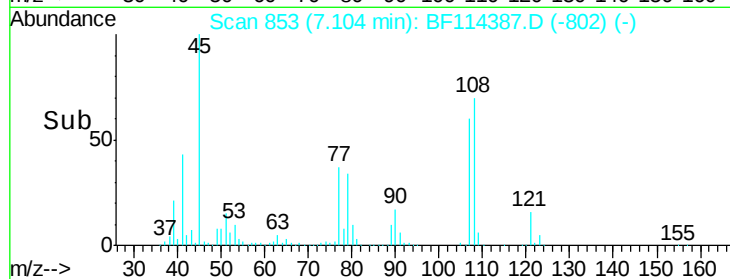
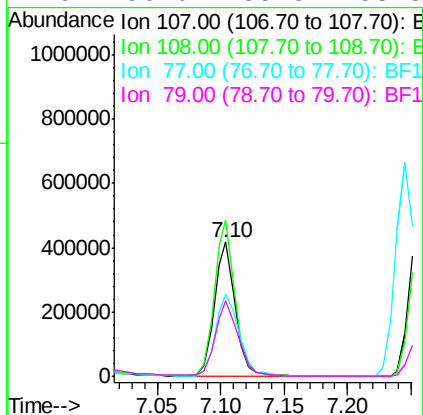
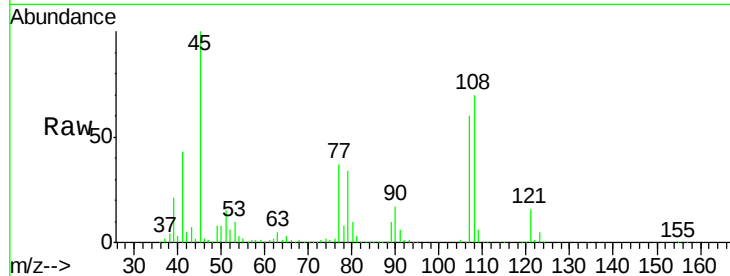
#17
2-Methylphenol
Concen: 37.415 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :
PB119788BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	116.1	90.5	135.7
77	61.1	37.0	55.4#
79	56.0	35.8	53.8#

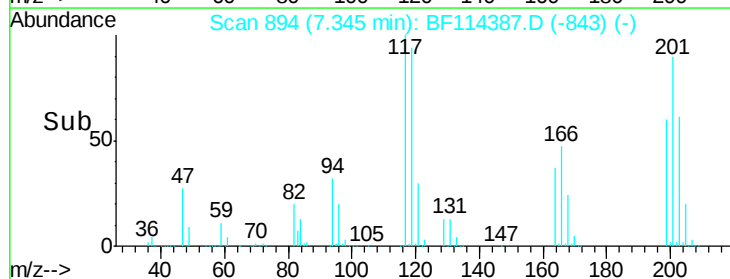
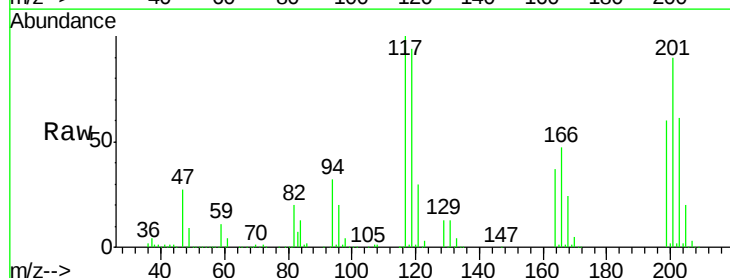
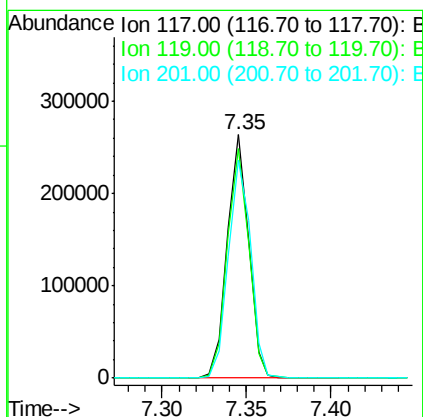
Manual Integrations
APPROVED

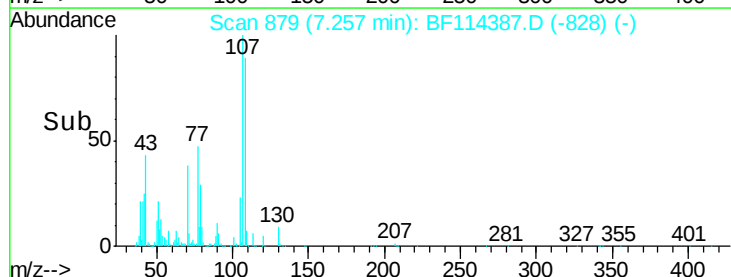
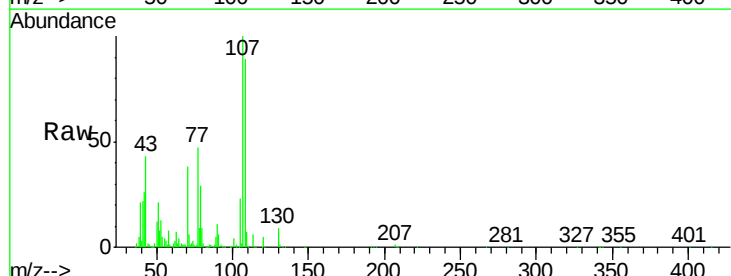
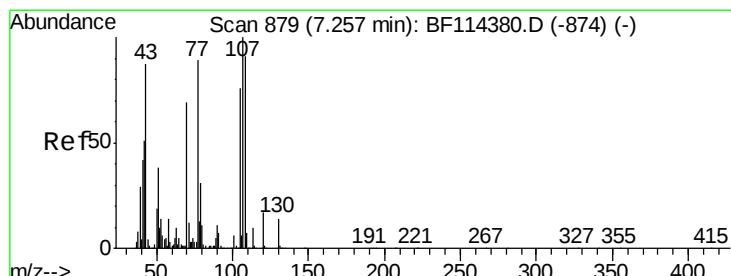
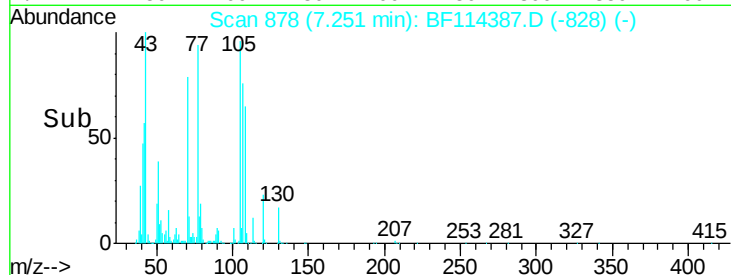
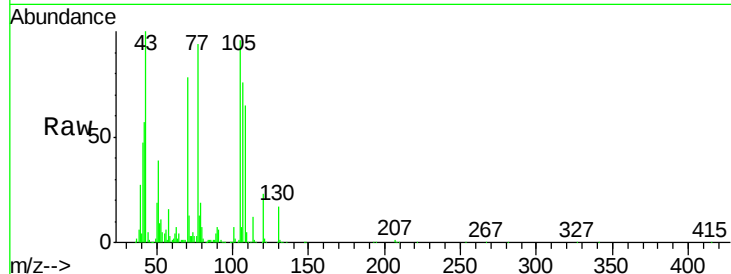
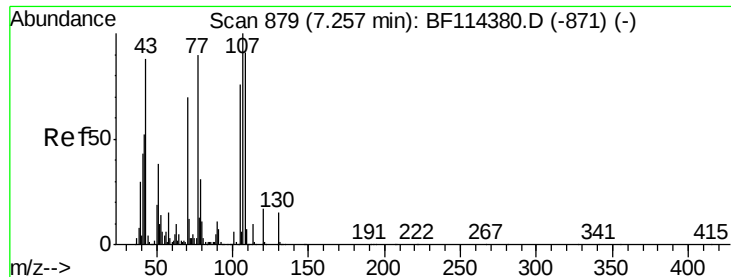
Sohil
5/21/2019 7:17:12 PM



#18
Hexachloroethane
Concen: 34.823 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

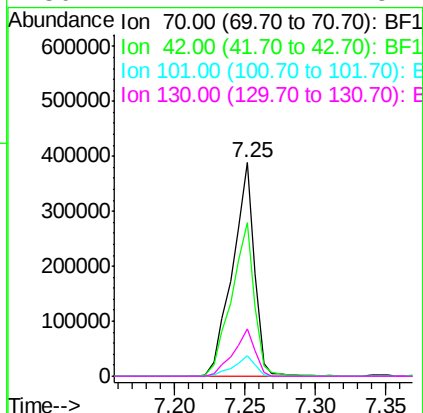
Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.4	77.4	116.2
201	89.5	74.5	111.7





#19
n-Nitroso-di-n-propylamine
Concen: 38.118 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	419911		
42	72.2	58.6	87.8	
101	9.4	7.8	11.8	
130	22.1	17.1	25.7	



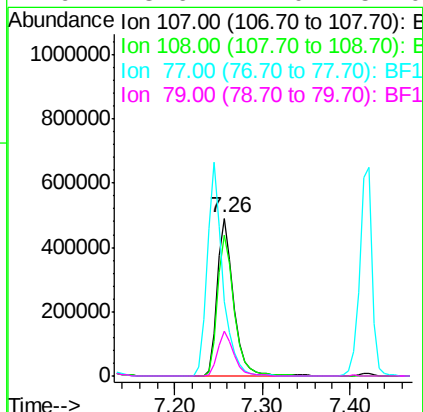
Instrument :
BNA_F
ClientSampleId :
PB119788BS

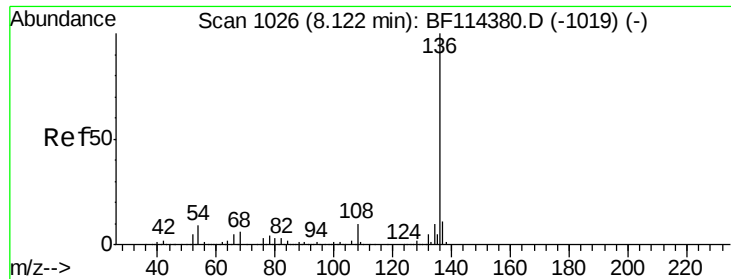
Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM

#20
3+4-Methylphenols
Concen: 42.490 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	632622		
108	89.3	73.8	113.8	
77	47.4	111.5	151.5#	
79	28.6	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: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

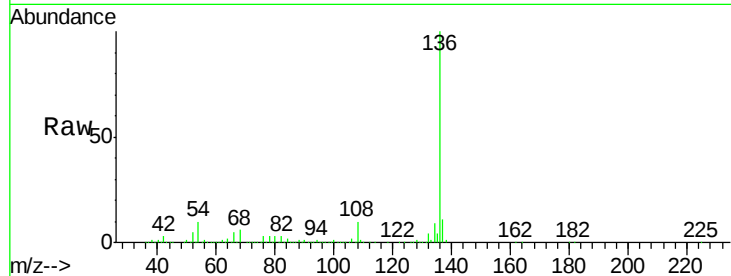
ClientSampleId :

PB119788BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	899824		
137	11.1	8.8	13.2	
54	9.5	7.8	11.8	
68	6.3	5.1	7.7	

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM

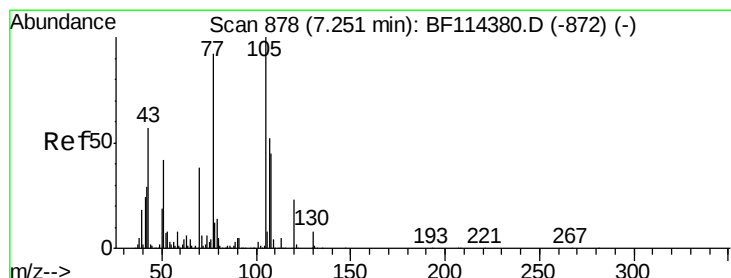
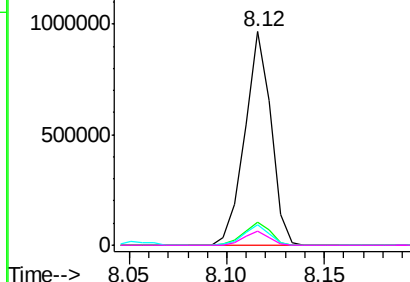
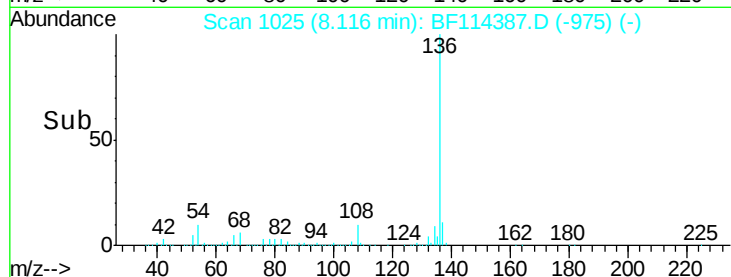


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.277 ng

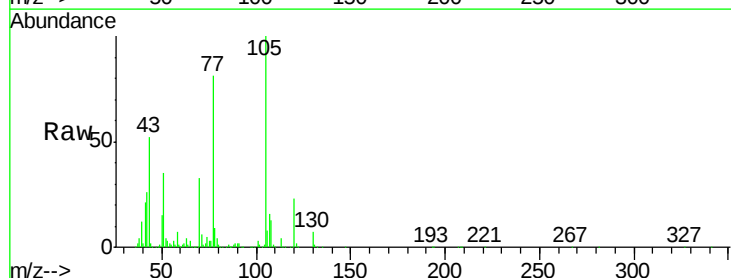
RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	802885		
71	5.6	5.3	7.9	
51	35.5	36.2	54.4#	
120	22.9	18.6	28.0	

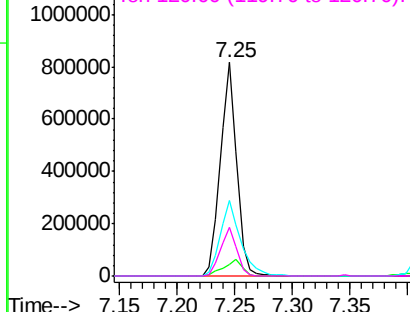
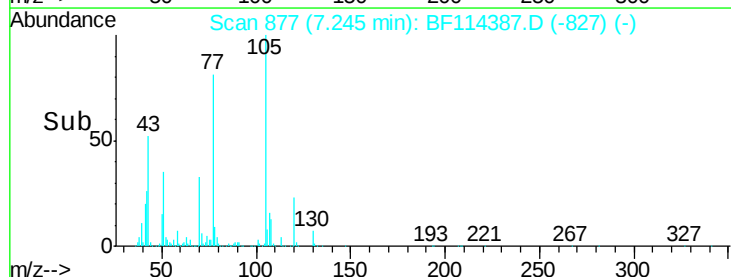


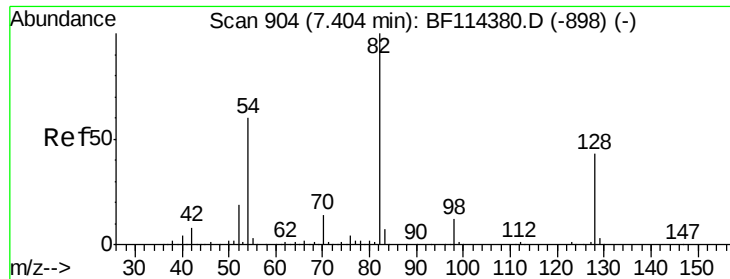
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





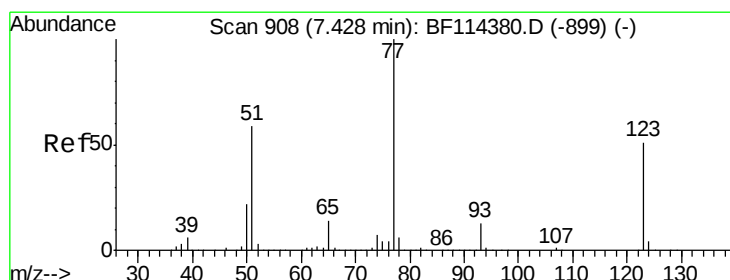
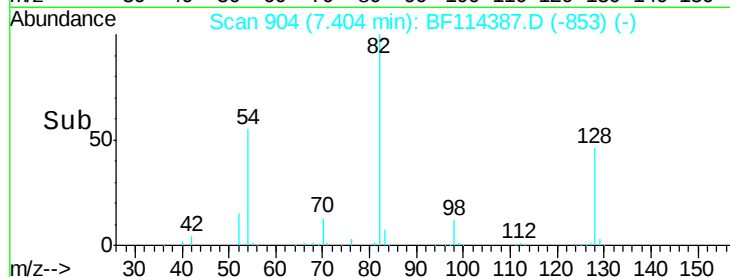
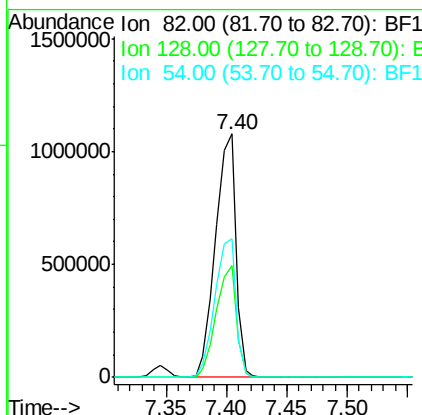
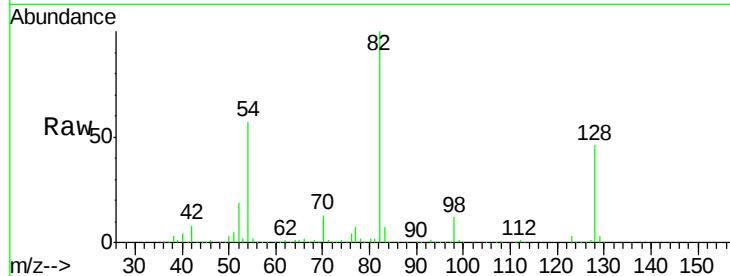
#23
Nitrobenzene-d5
Concen: 78.598 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :
PB119788BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.5	53.3
54	56.8	48.5	72.7

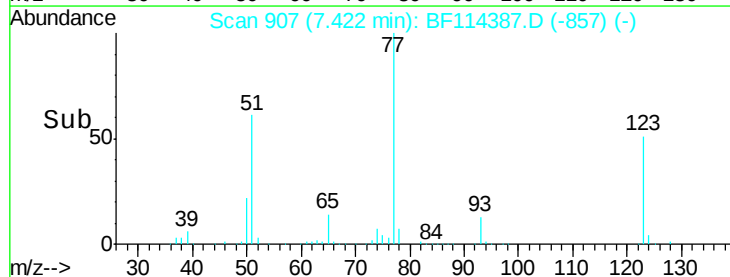
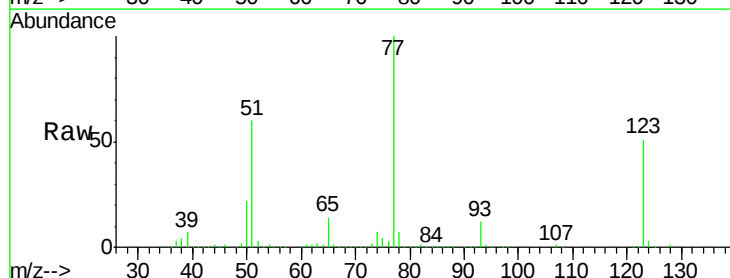
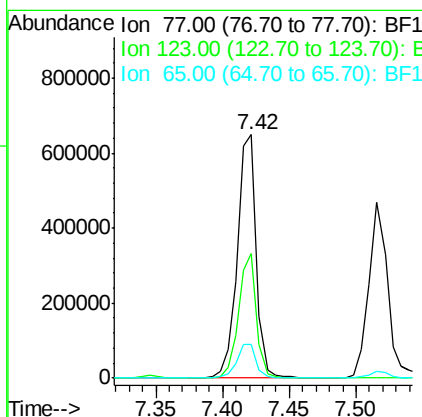
Manual Integrations
APPROVED

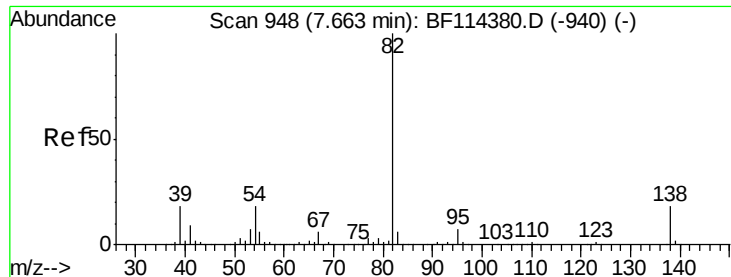
Sohil
5/21/2019 7:17:12 PM



#24
Nitrobenzene
Concen: 39.332 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	36.9	55.3
65	13.9	11.8	17.6





#25

Isophorone

Concen: 40.021 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampled :

PB119788BS

Tgt Ion: 82 Resp: 1190095

Ion Ratio Lower Upper

82 100

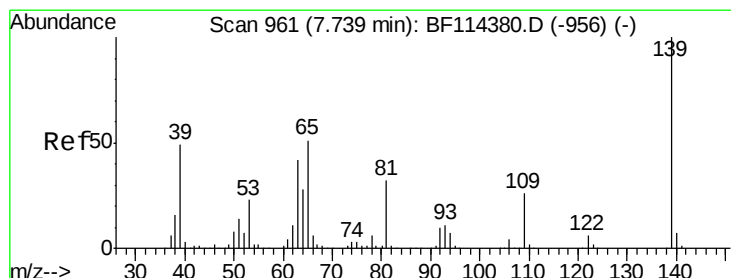
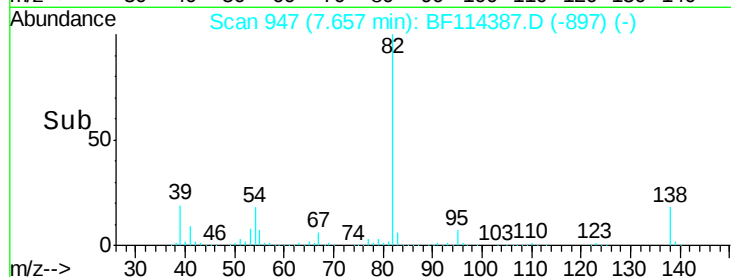
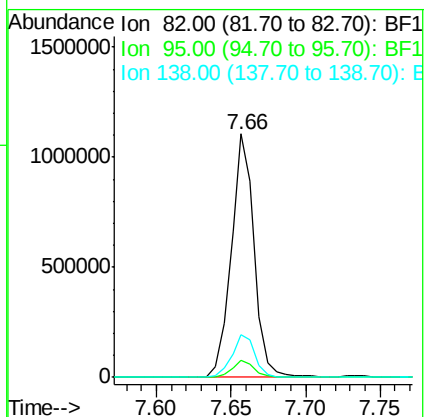
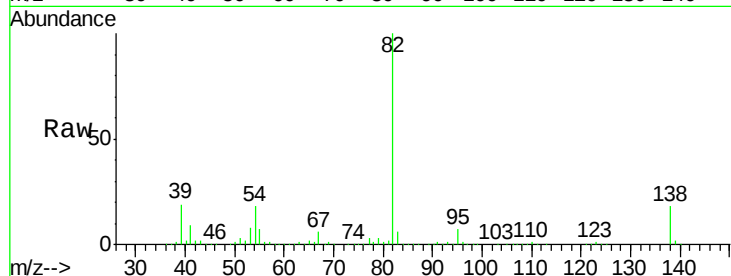
95 7.1 5.6 8.4

138 17.7 14.8 22.2

Manual Integrations
APPROVED

Sohil

5/21/2019 7:17:12 PM



#26

2-Nitrophenol

Concen: 42.500 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

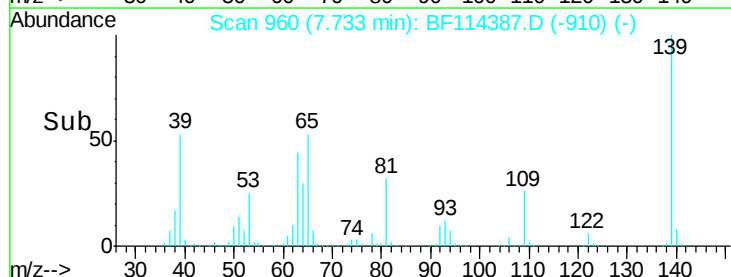
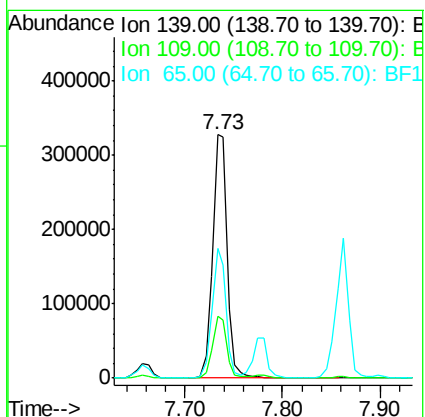
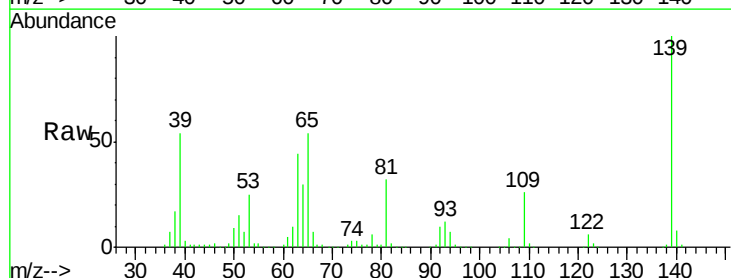
Tgt Ion: 139 Resp: 336733

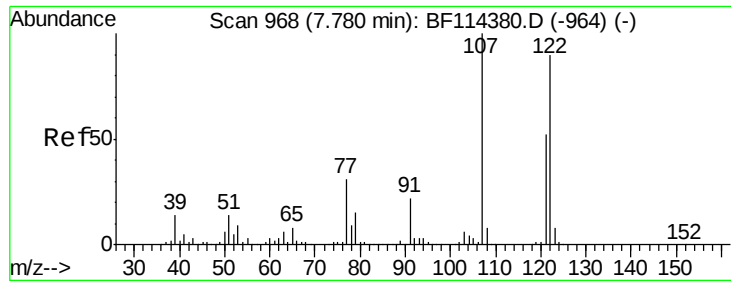
Ion Ratio Lower Upper

139 100

109 25.5 20.7 31.1

65 53.5 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 44.644 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

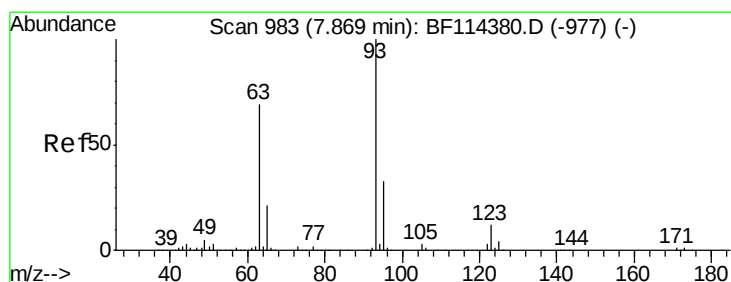
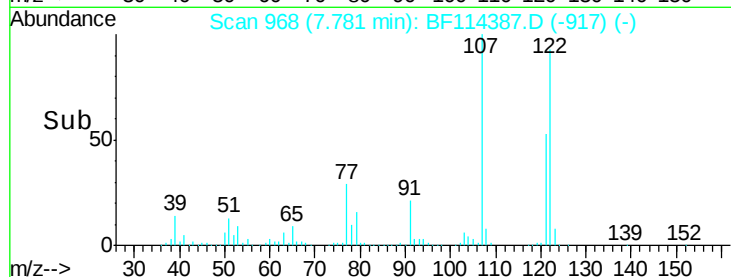
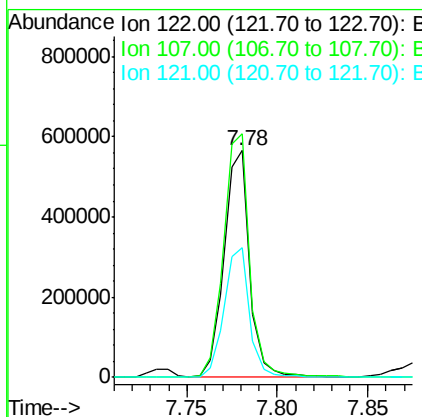
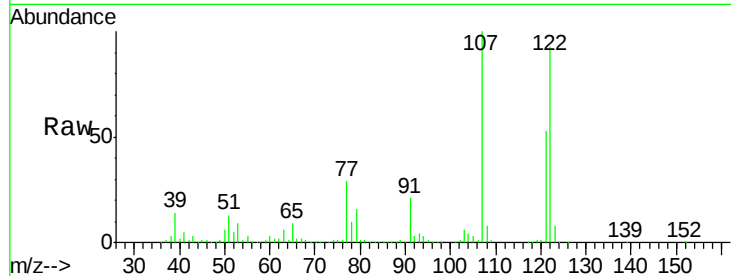
ClientSampleId :

PB119788BS

Tgt Ion:	122	Resp:	555547
Ion Ratio	Lower	Upper	
122	100		
107	107.3	88.4	132.6
121	56.9	45.9	68.9

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.180 ng

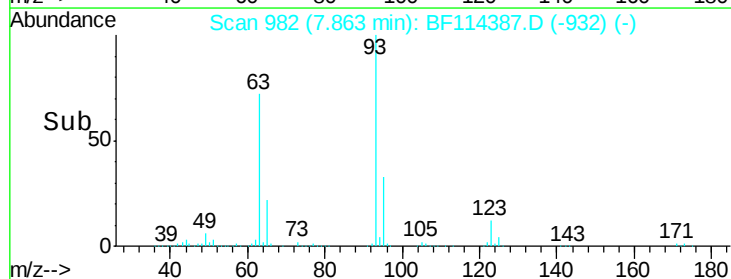
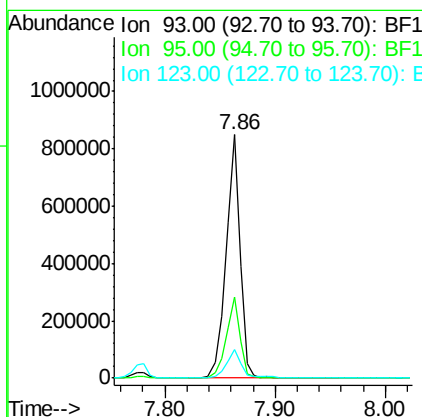
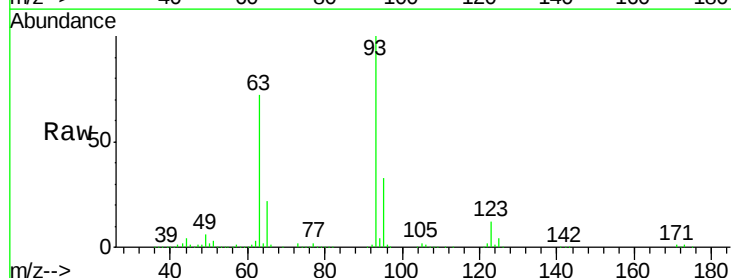
RT: 7.86 min Scan# 982

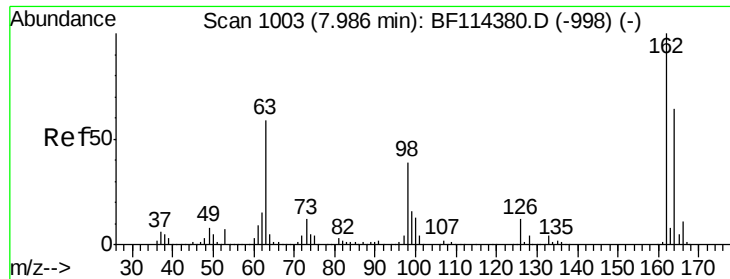
Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:	93	Resp:	755938
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.8	40.2
123	11.7	9.5	14.3





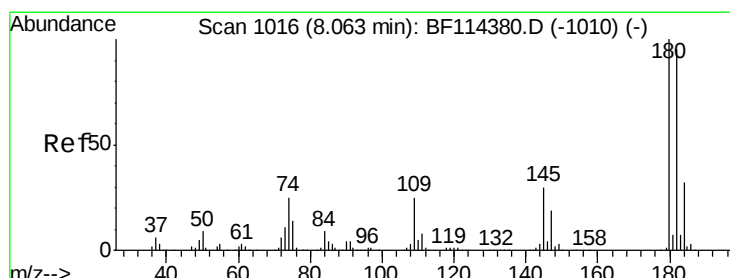
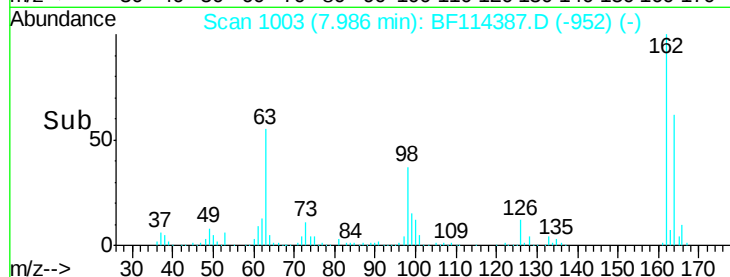
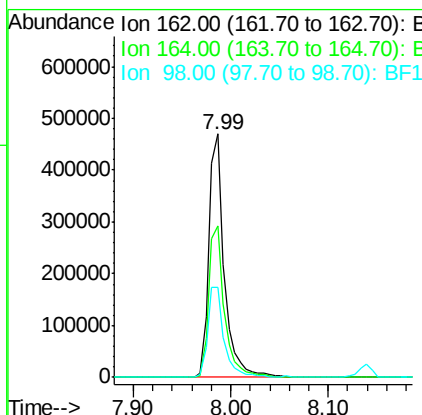
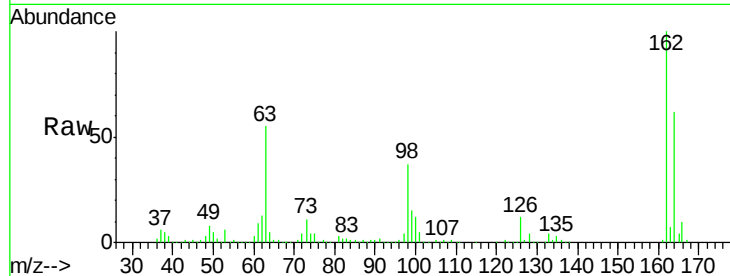
#29
2,4-Dichlorophenol
Concen: 41.708 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.1	43.6	83.6
98	36.9	20.6	60.6

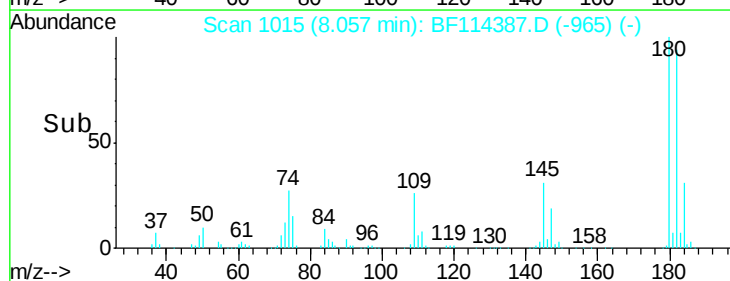
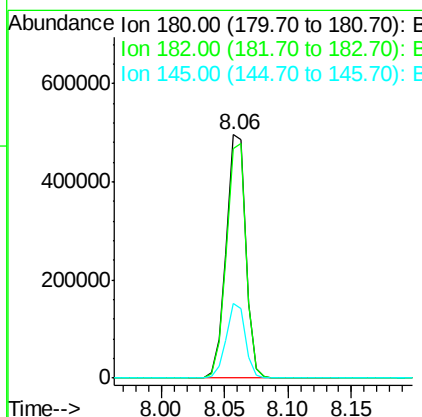
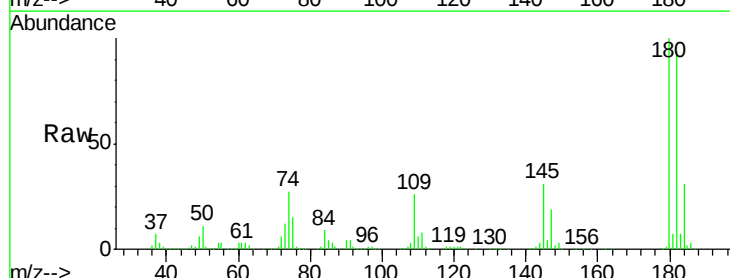
Manual Integrations
APPROVED

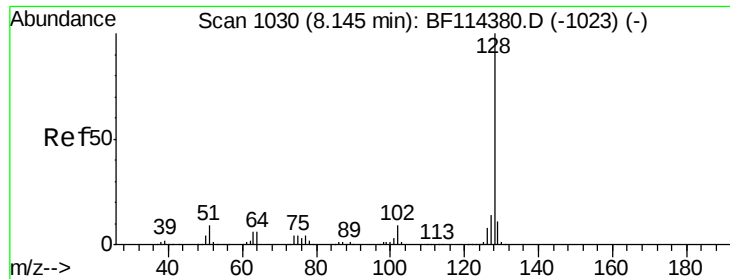
Sohil
5/21/2019 7:17:12 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.699 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	76.6	114.8
145	30.8	25.1	37.7





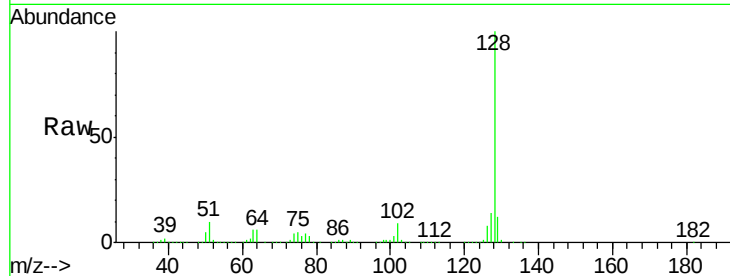
#31
Naphthalene
Concen: 40.351 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

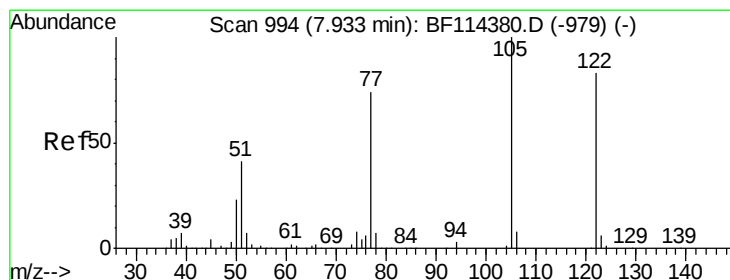
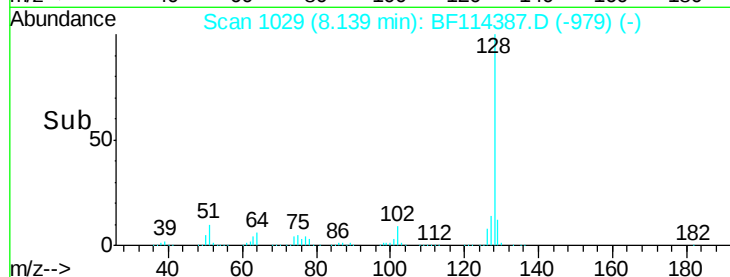
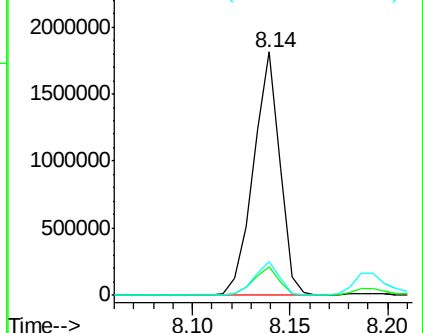
Tgt Ion:128 Resp: 1696023
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.6 11.3 16.9

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM

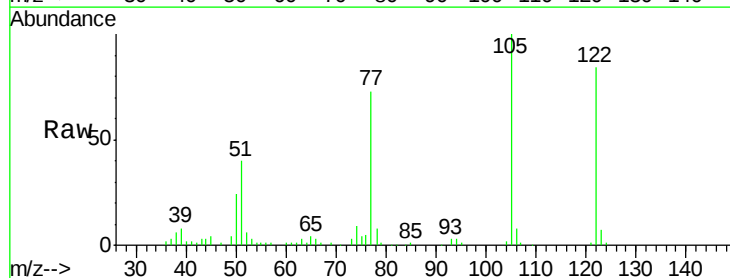


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

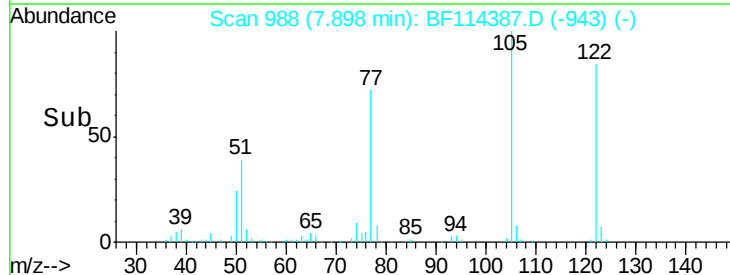
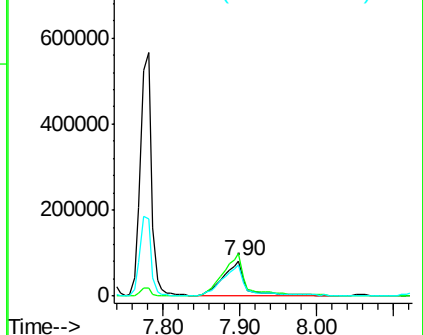


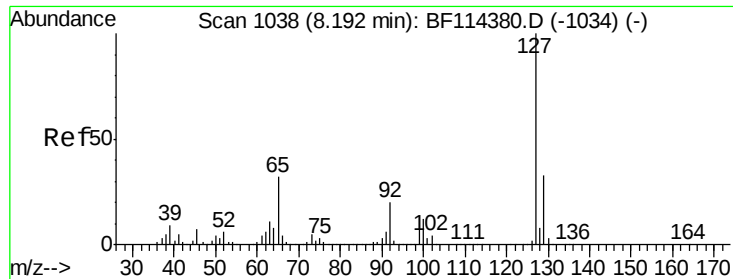
#32
Benzoic acid
Concen: 22.686 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:122 Resp: 162808
Ion Ratio Lower Upper
122 100
105 119.3 99.9 139.9
77 86.9 69.4 109.4



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





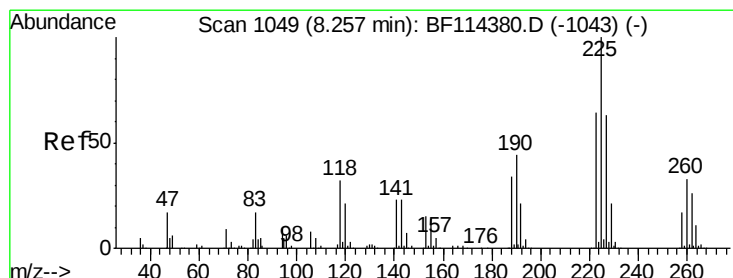
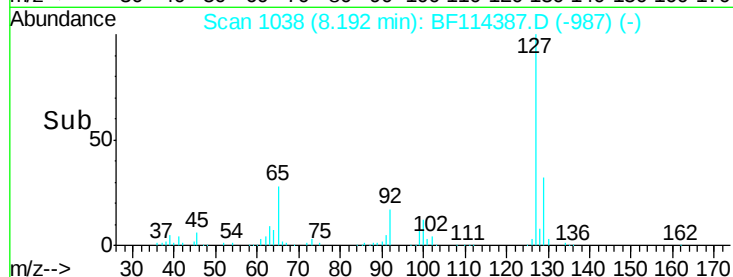
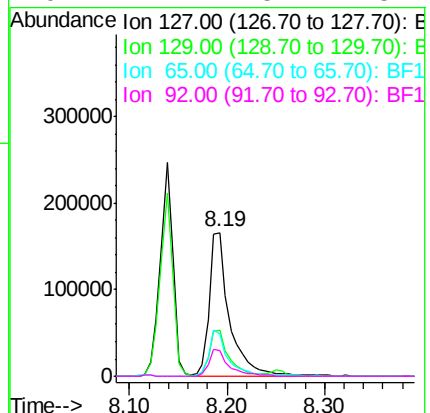
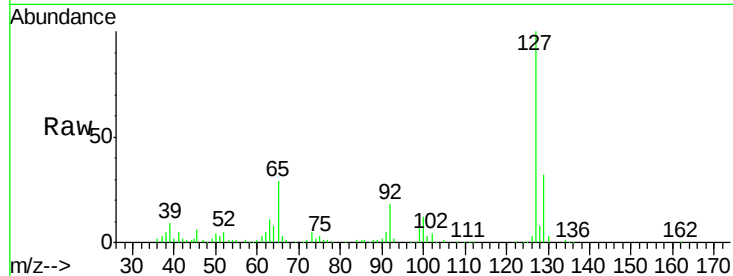
#33
4-Chloroaniline
Concen: 12.425 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	237981		
129	32.2	26.7	40.1	
65	29.4	25.4	38.0	
92	17.7	15.4	23.2	

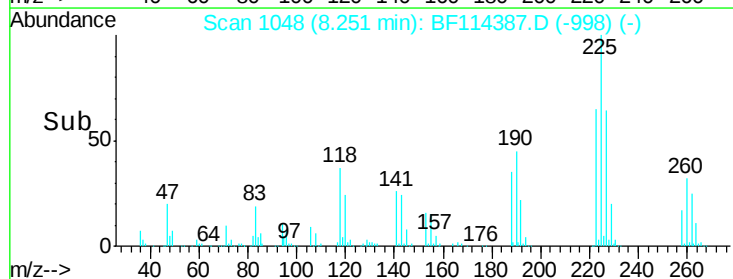
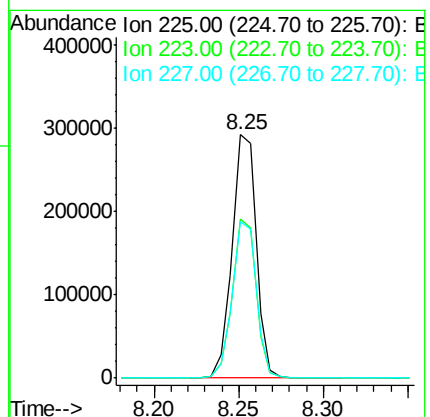
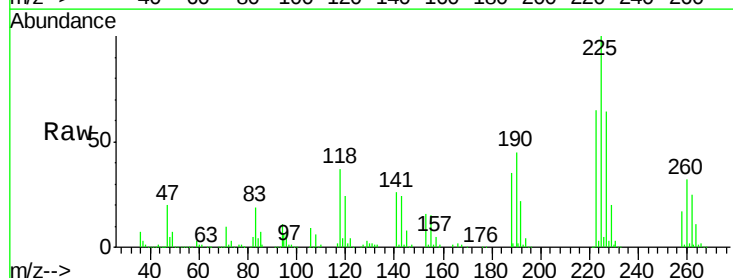
Manual Integrations
APPROVED

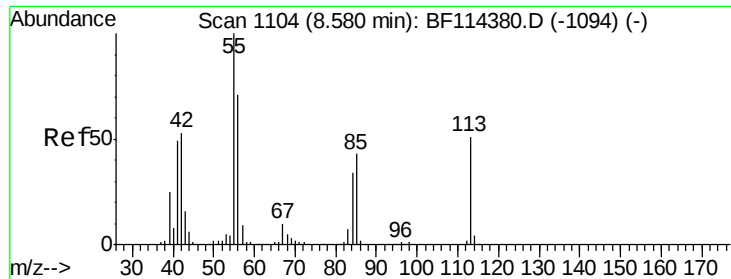
Sohil
5/21/2019 7:17:12 PM



#34
Hexachlorobutadiene
Concen: 36.132 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	289676		
223	65.3	50.2	75.2	
227	64.4	52.6	79.0	





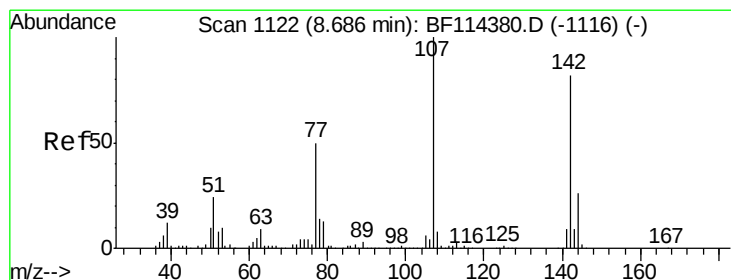
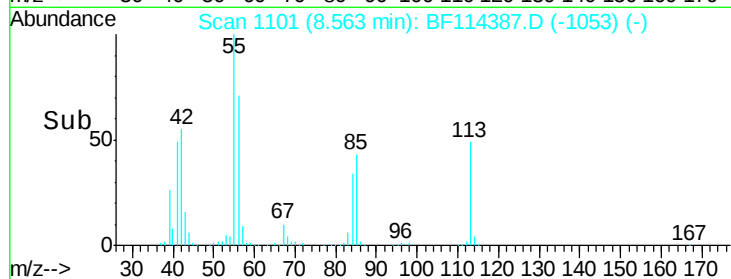
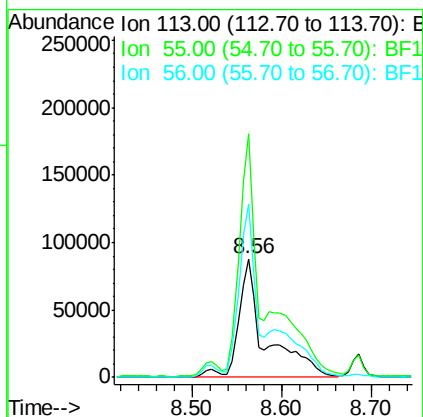
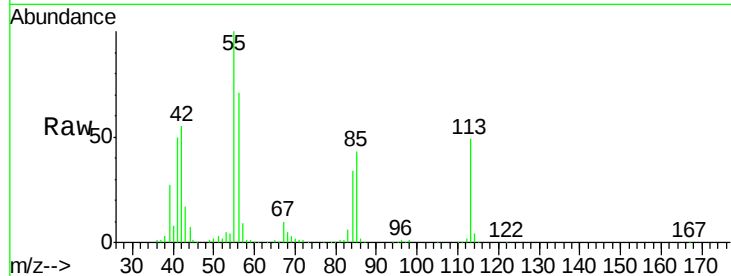
#35
 Caprolactam
 Concen: 45.612 ng m
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampled :
 PB119788BS

Tgt Ion:113 Resp: 184291
 Ion Ratio Lower Upper
 113 100
 55 205.3 183.5 223.5
 56 145.9 128.8 168.8

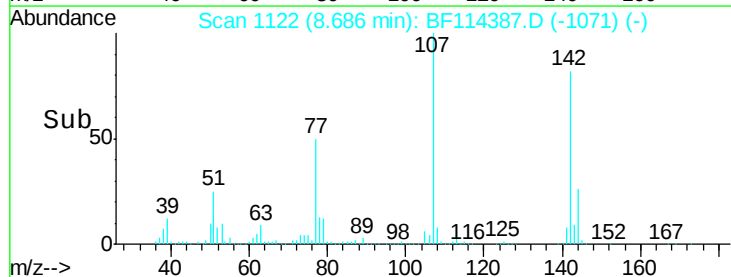
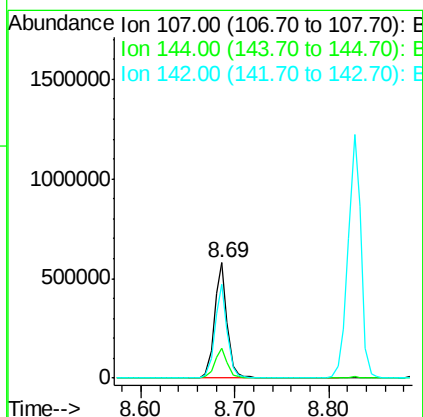
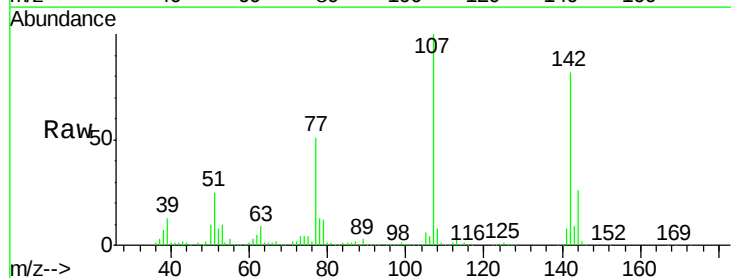
Manual Integrations
 APPROVED

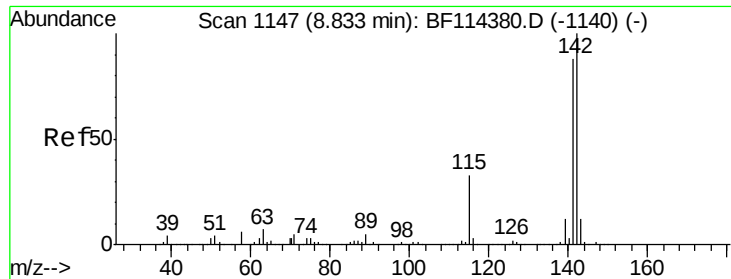
Sohil
 5/21/2019 7:17:12 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.131 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion:107 Resp: 550435
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.4 30.6
 142 82.0 64.2 96.4





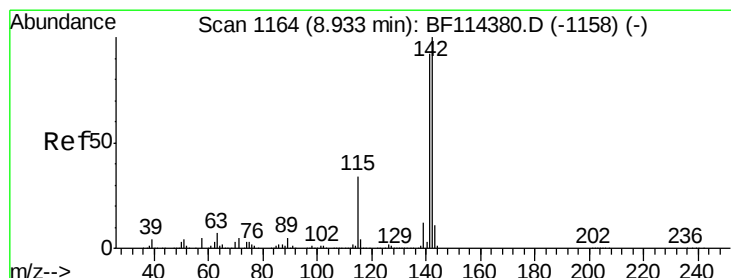
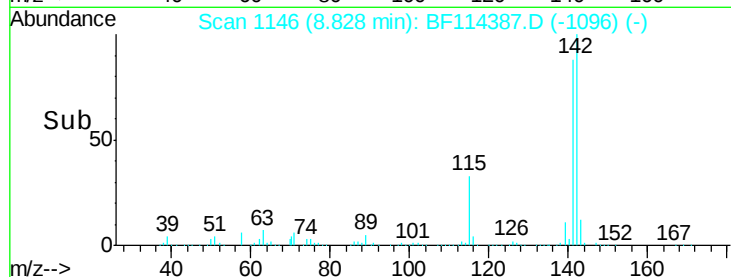
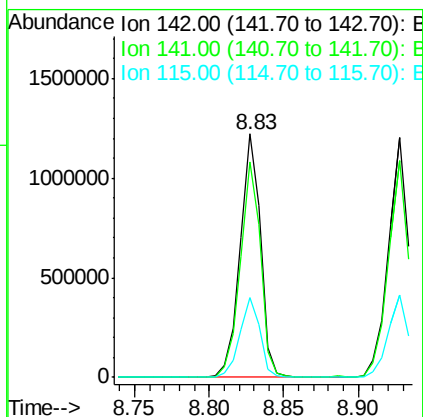
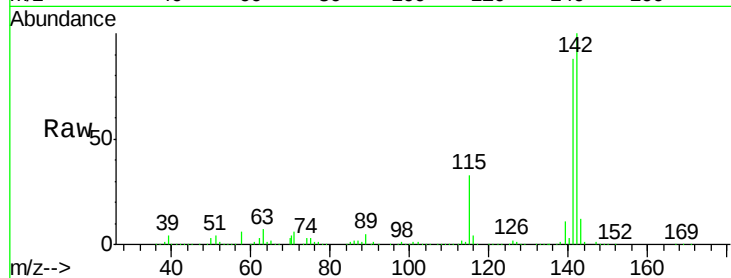
#37
2-Methylnaphthalene
Concen: 42.876 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion:142 Resp: 1162747
Ion Ratio Lower Upper
142 100
141 88.3 72.1 108.1
115 32.9 28.0 42.0

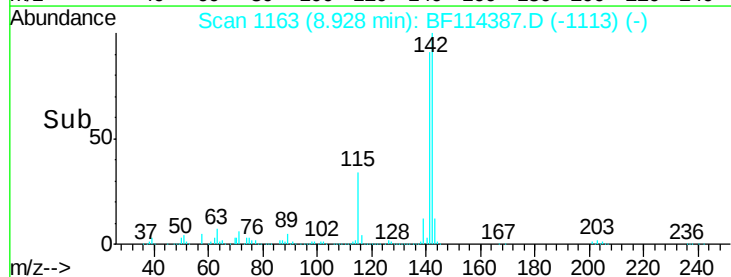
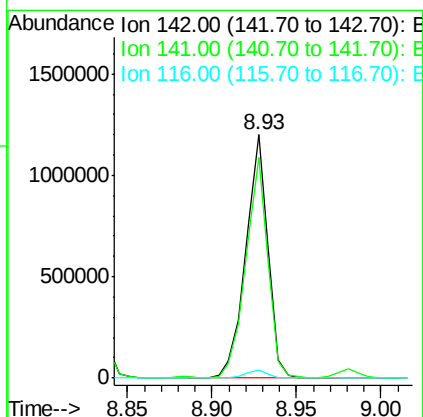
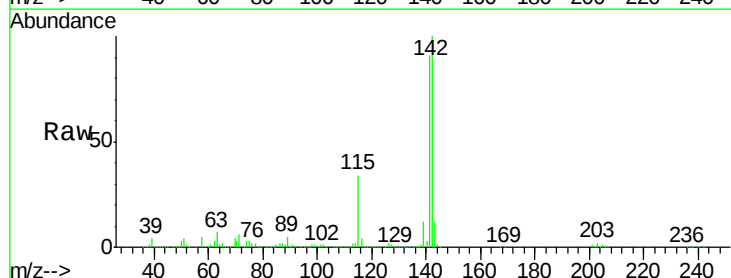
Manual Integrations
APPROVED

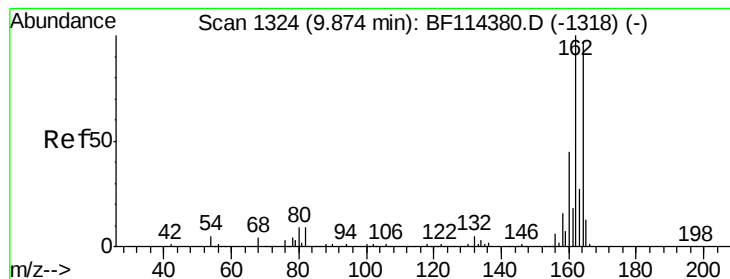
Sohil
5/21/2019 7:17:12 PM



#38
1-Methylnaphthalene
Concen: 42.978 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:142 Resp: 1097603
Ion Ratio Lower Upper
142 100
141 90.5 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: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

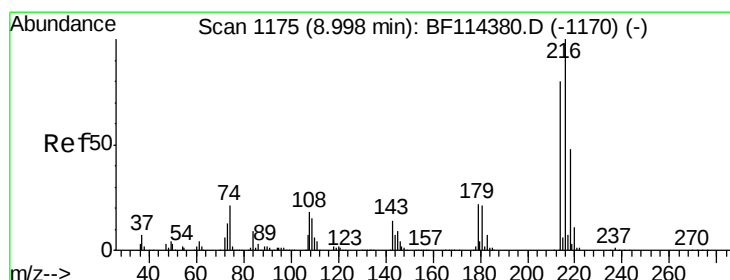
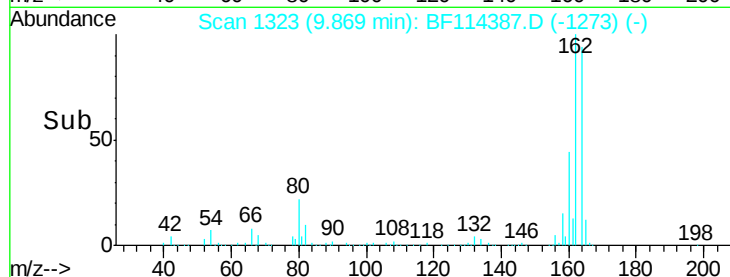
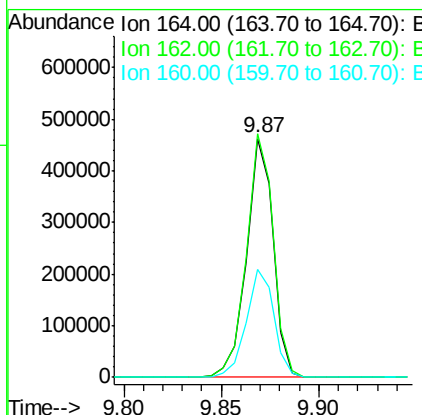
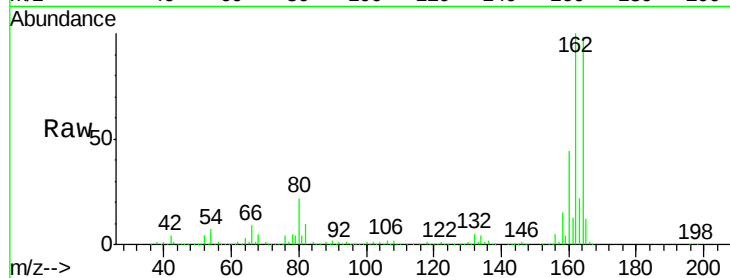
ClientSampleId :

PB119788BS

Tgt Ion:	164	Resp:	437657
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.6	120.8
160	44.9	36.5	54.7

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.565 ng

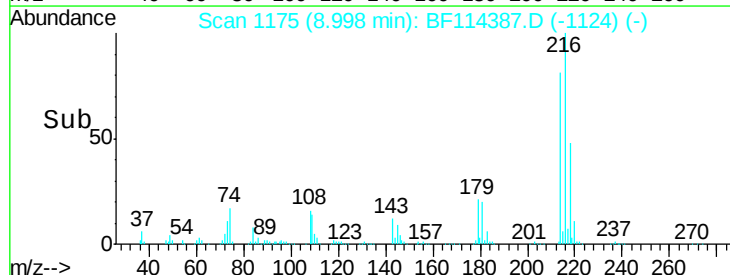
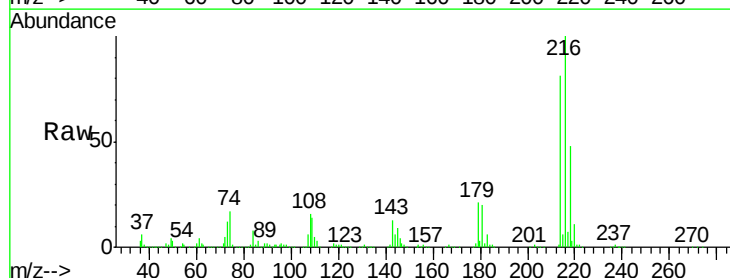
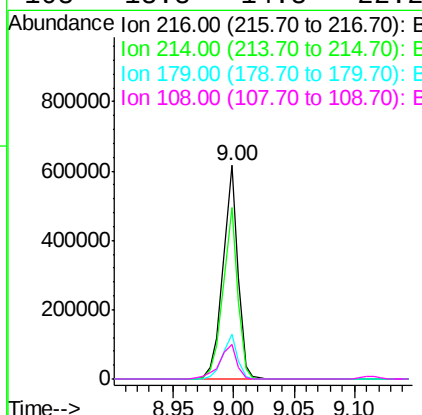
RT: 9.00 min Scan# 1175

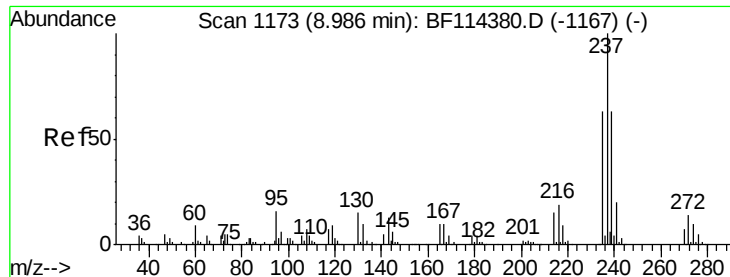
Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:	216	Resp:	524539
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.9	95.9
179	20.6	17.0	25.6
108	18.8	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 52.870 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

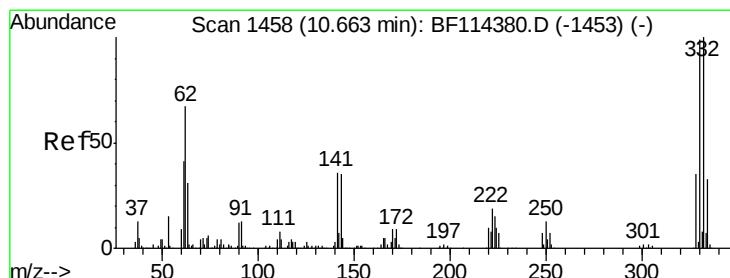
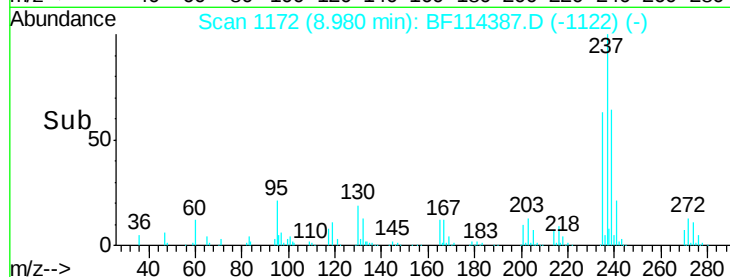
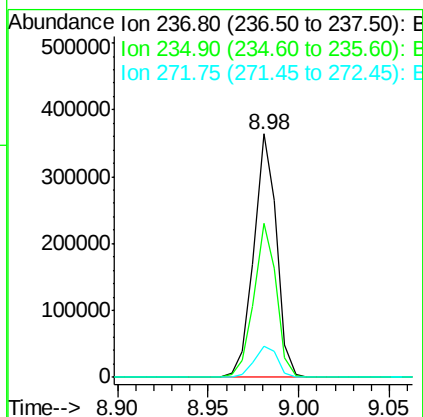
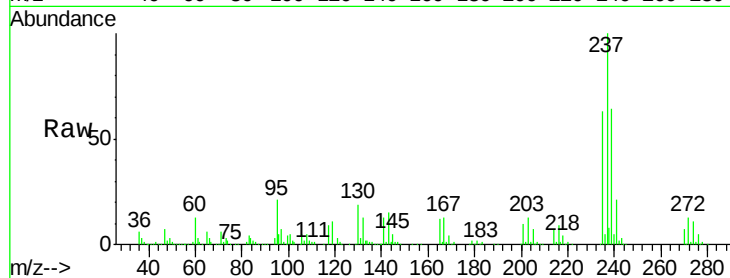
ClientSampleId :

PB119788BS

Tgt Ion:	237	Resp:	316978
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.0	82.0
272	13.0	0.0	32.4

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



#42

2,4,6-Tribromophenol

Concen: 114.446 ng

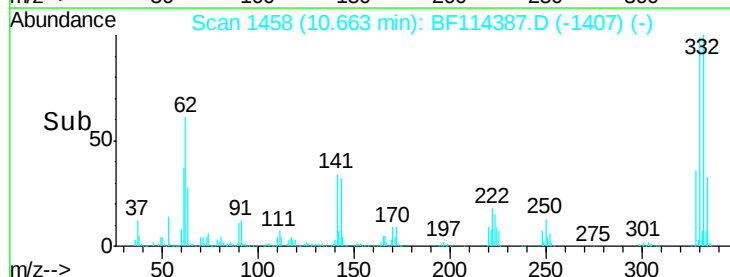
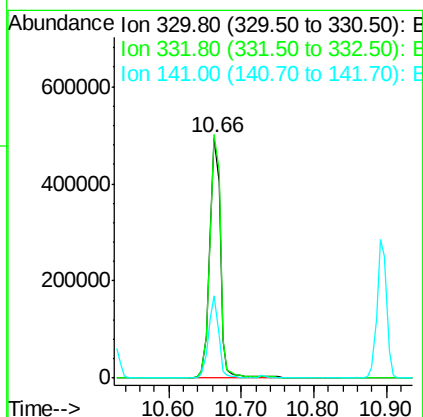
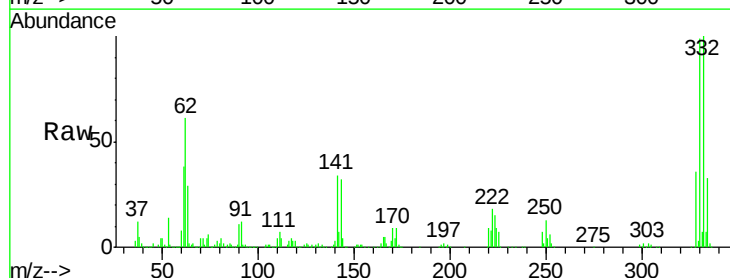
RT: 10.66 min Scan# 1458

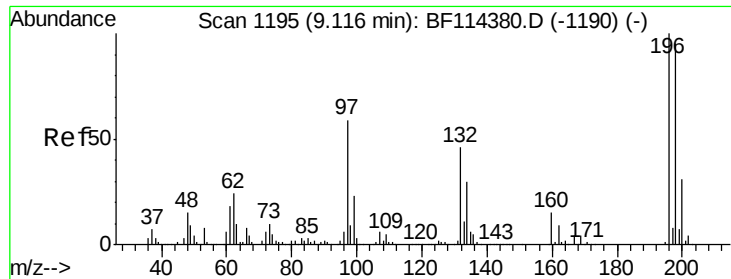
Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:	330	Resp:	517828
Ion Ratio	Lower	Upper	
330	100		
332	100.7	81.4	122.2
141	31.9	26.6	40.0





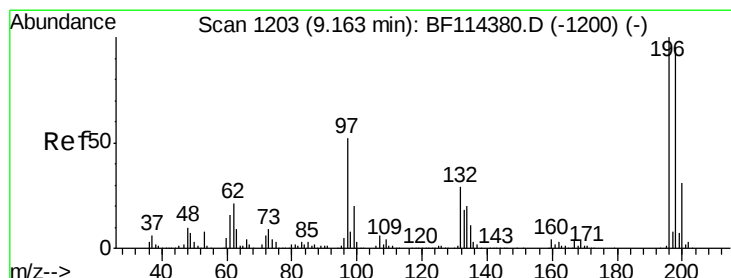
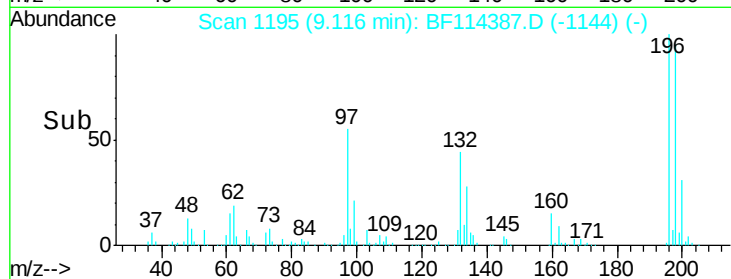
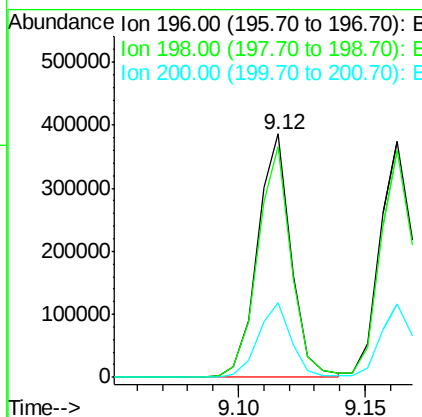
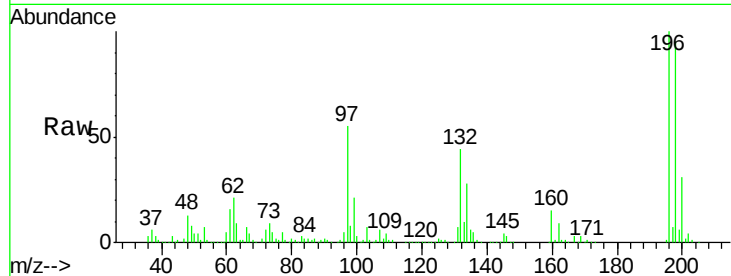
#43
 2,4,6-Trichlorophenol
 Concen: 39.062 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampled :
 PB119788BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	356201		
198	94.7	75.9	113.9	
200	30.8	23.5	35.3	

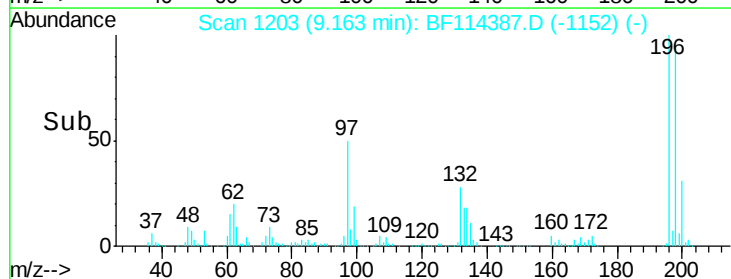
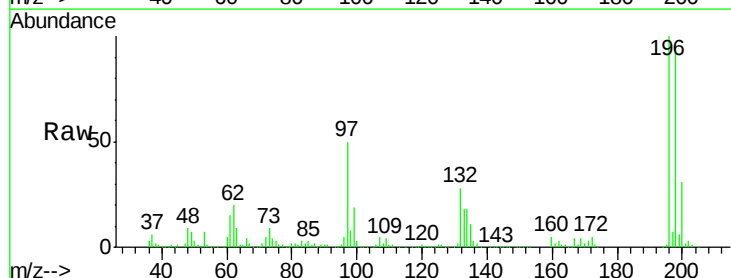
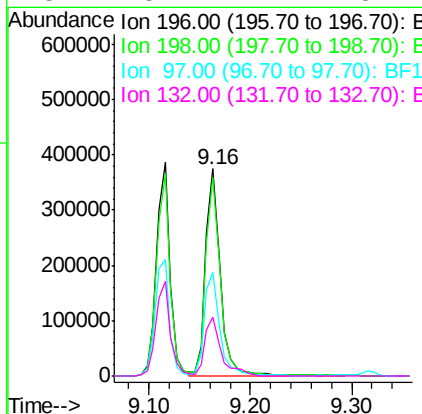
Manual Integrations
 APPROVED

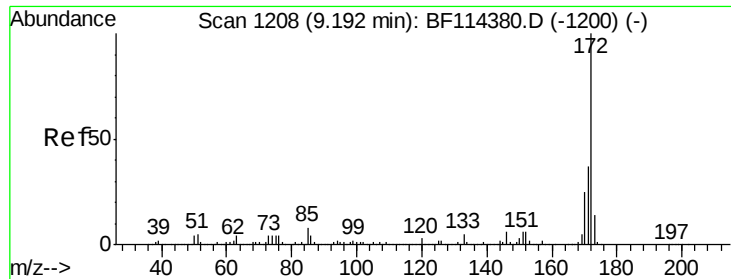
Sohil
 5/21/2019 7:17:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.436 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	378148		
198	96.1	77.7	116.5	
97	49.8	38.2	57.2	
132	28.4	21.4	32.2	





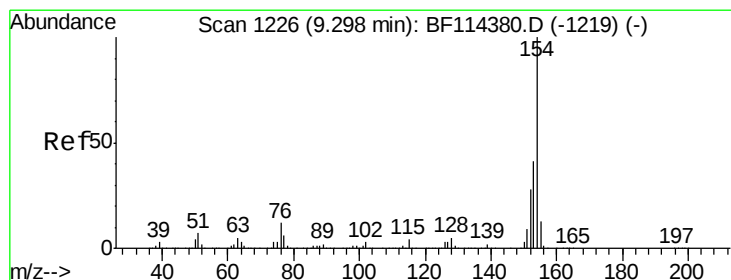
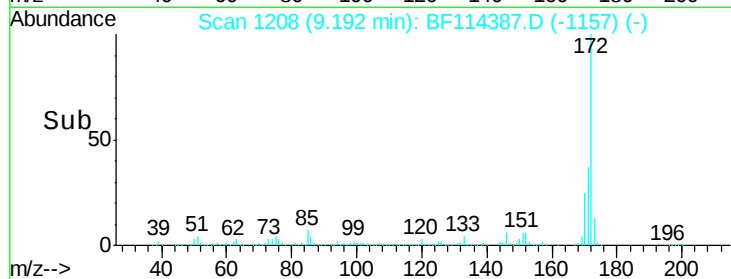
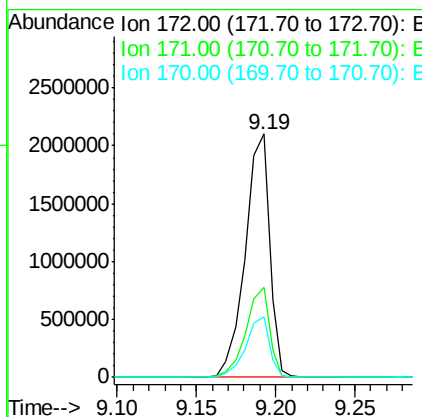
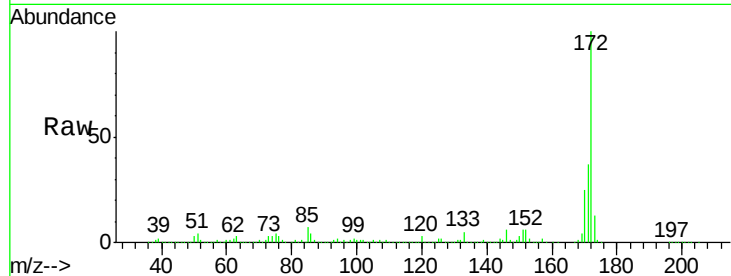
#45
2-Fluorobiphenyl
Concen: 77.586 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion:172 Resp: 2244792
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.8 20.5 30.7

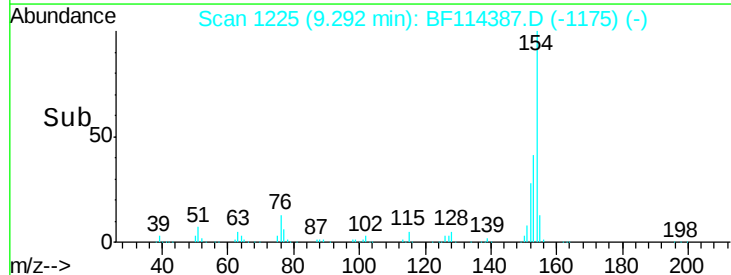
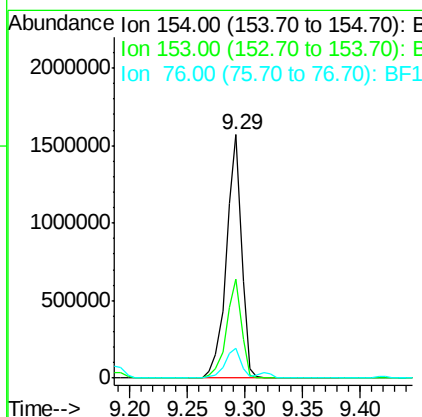
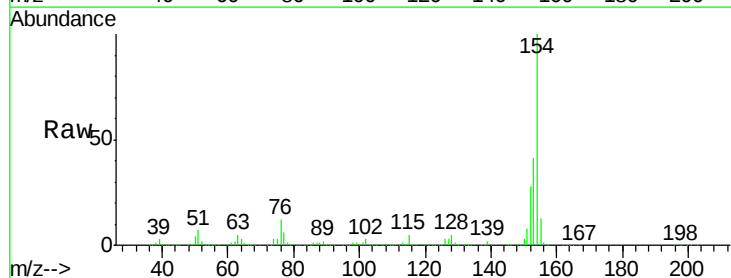
Manual Integrations
APPROVED

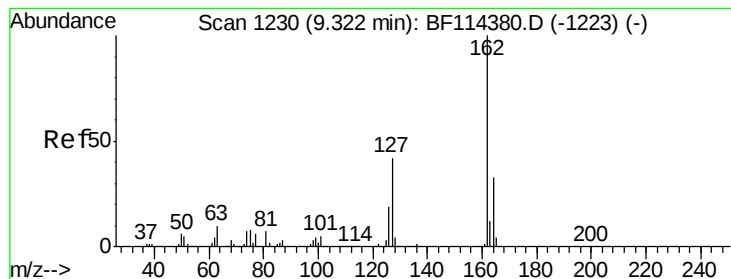
Sohil
5/21/2019 7:17:12 PM



#46
1,1'-Biphenyl
Concen: 40.255 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:154 Resp: 1423300
Ion Ratio Lower Upper
154 100
153 40.9 21.9 61.9
76 12.5 0.0 32.8





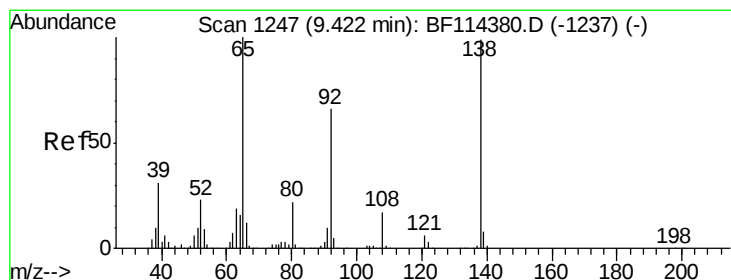
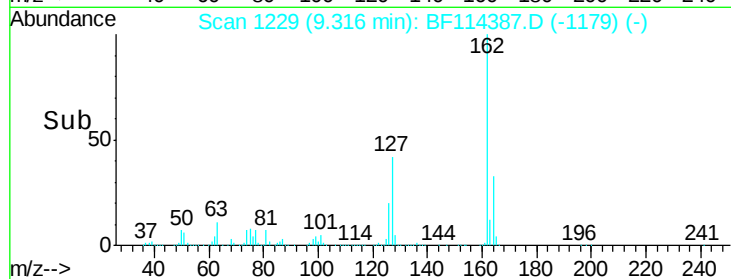
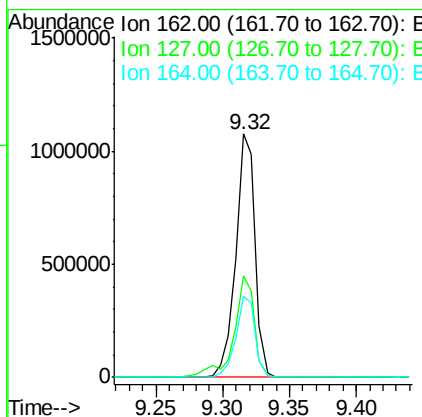
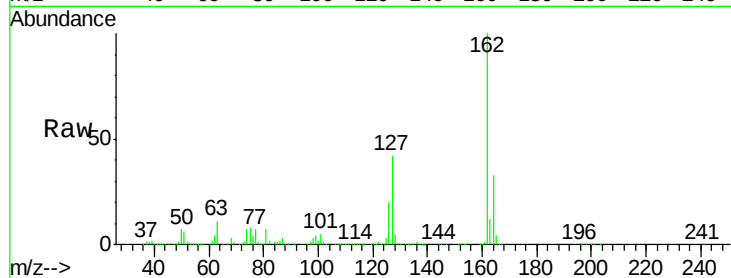
#47
 2-Chloronaphthalene
 Concen: 38.313 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	33.2	26.7	40.1

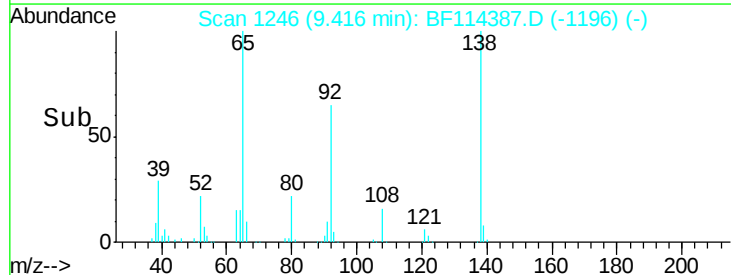
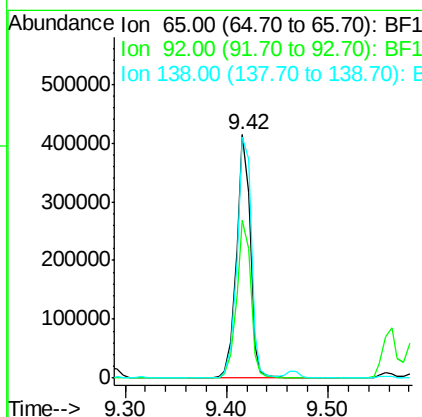
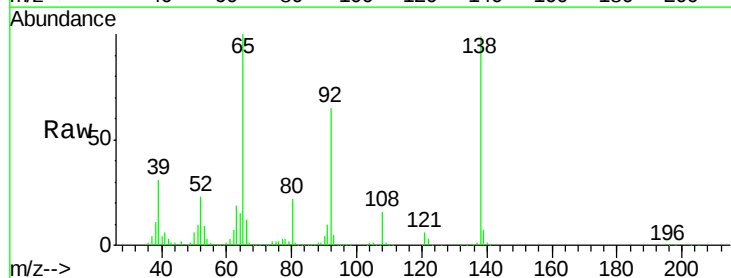
Manual Integrations
 APPROVED

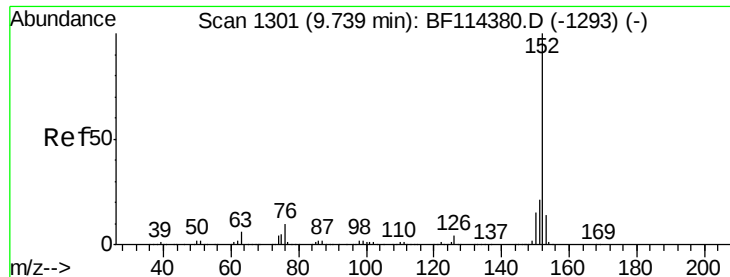
Sohil
 5/21/2019 7:17:12 PM



#48
 2-Nitroaniline
 Concen: 38.856 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	99.2	81.4	122.0





#49

Acenaphthylene

Concen: 40.215 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119788BS

Tgt Ion:152 Resp: 1740416

Ion Ratio Lower Upper

152 100

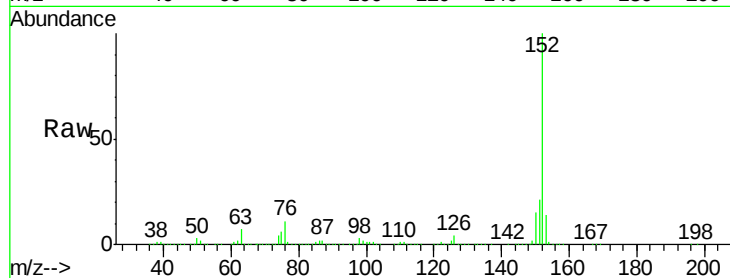
151 20.9 16.8 25.2

153 14.0 11.4 17.2

Manual Integrations
APPROVED

Sohil

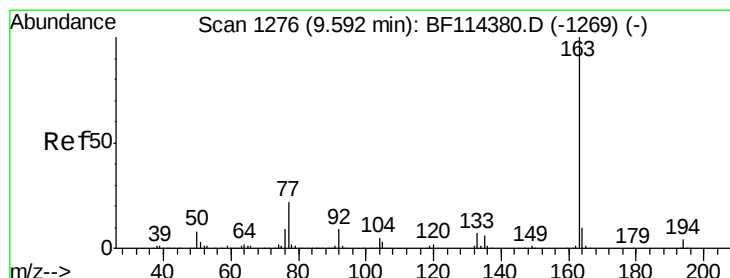
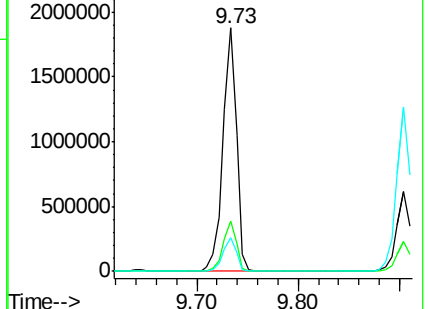
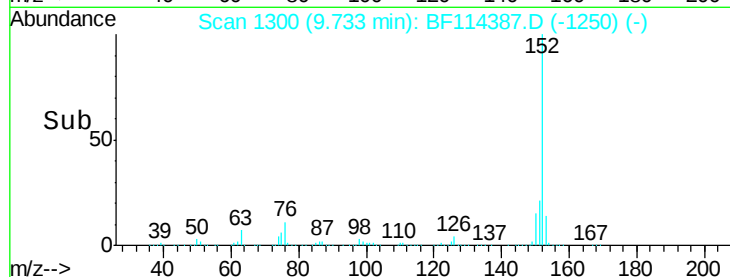
5/21/2019 7:17:12 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.018 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

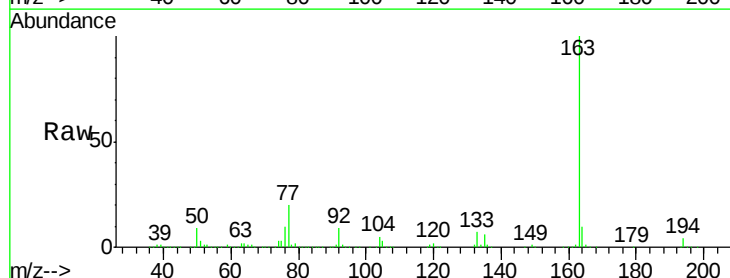
Tgt Ion:163 Resp: 1317845

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

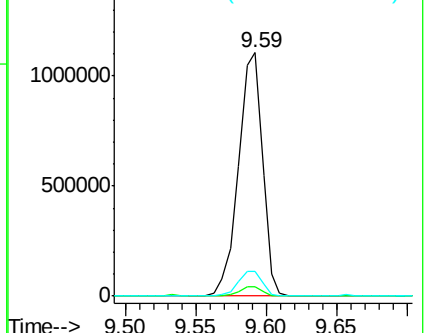
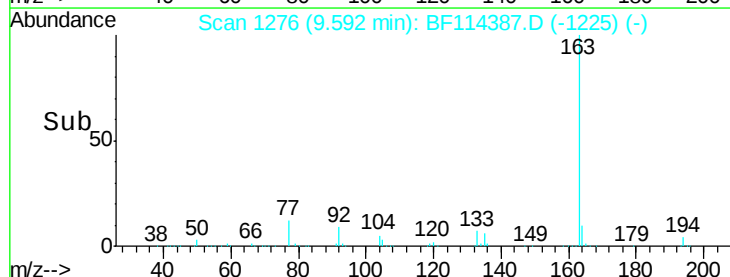
164 10.1 8.2 12.2

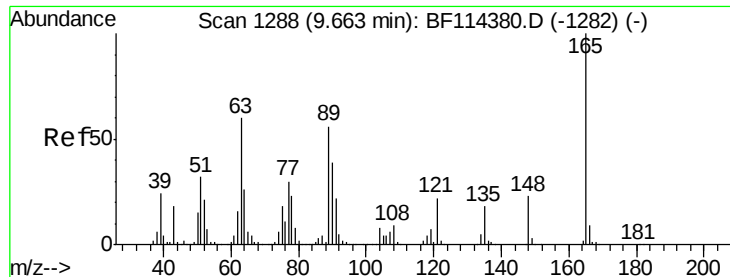


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





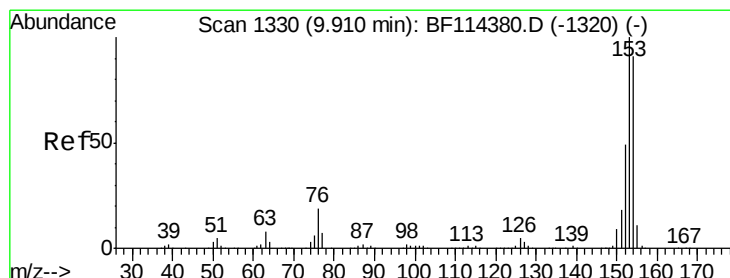
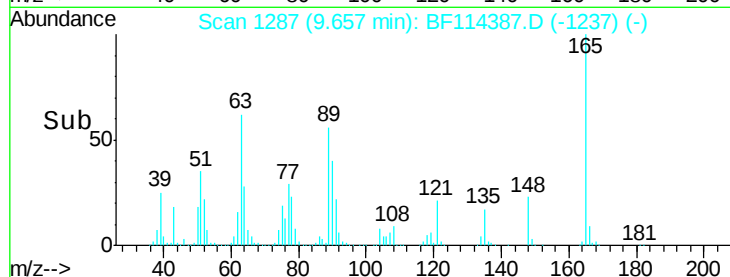
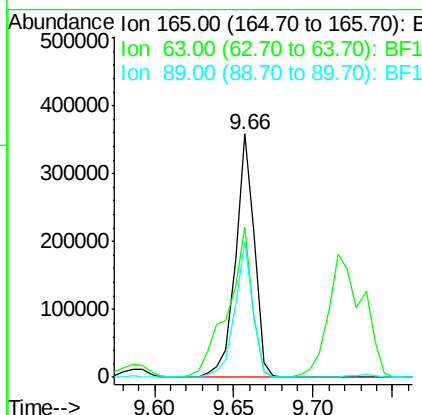
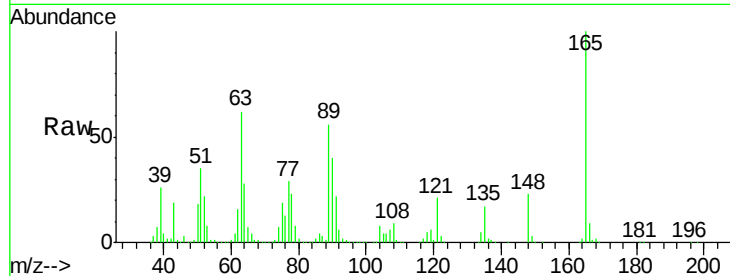
#51
 2,6-Dinitrotoluene
 Concen: 41.563 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	296176		
63	61.8	50.2	75.4	
89	55.7	46.6	69.8	

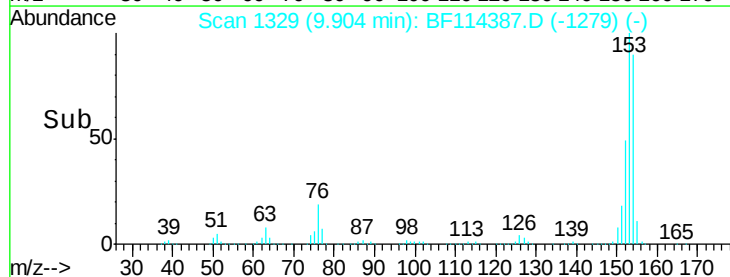
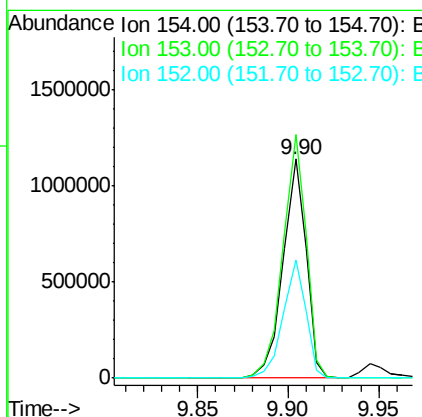
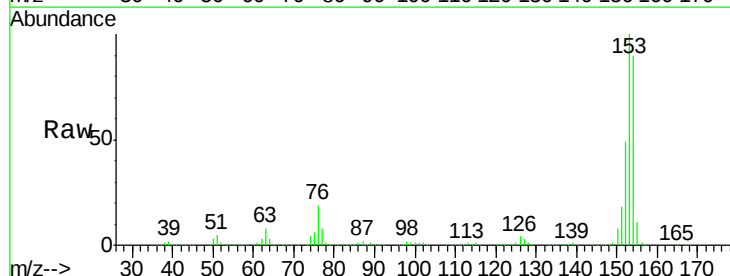
Manual Integrations
 APPROVED

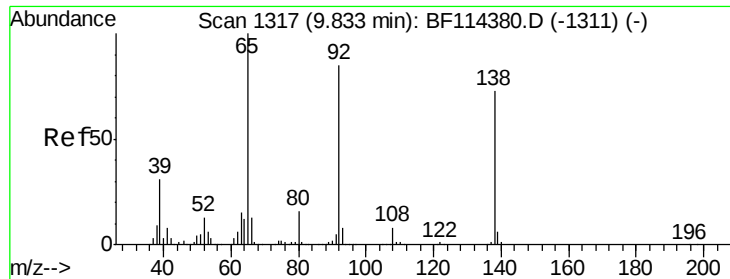
Sohil
 5/21/2019 7:17:12 PM



#52
 Acenaphthene
 Concen: 38.244 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1015664		
153	111.1	90.5	135.7	
152	54.0	43.4	65.2	





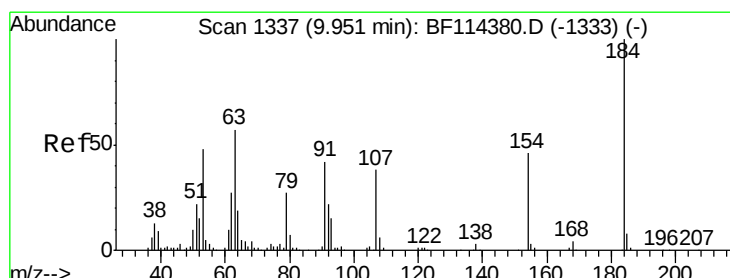
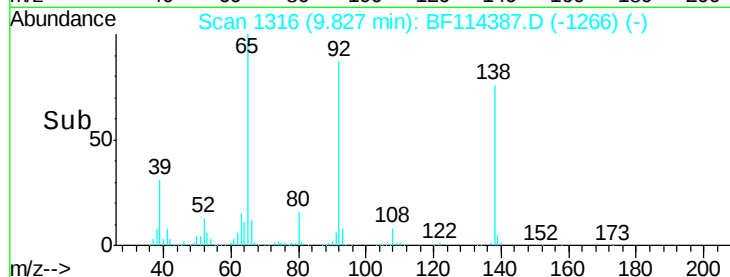
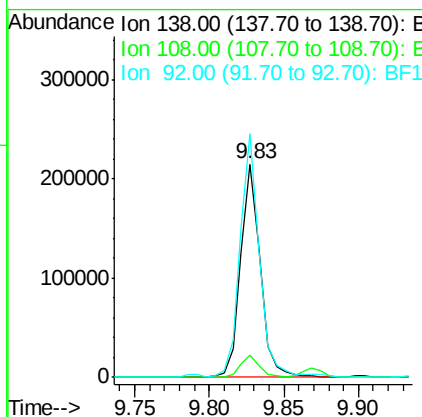
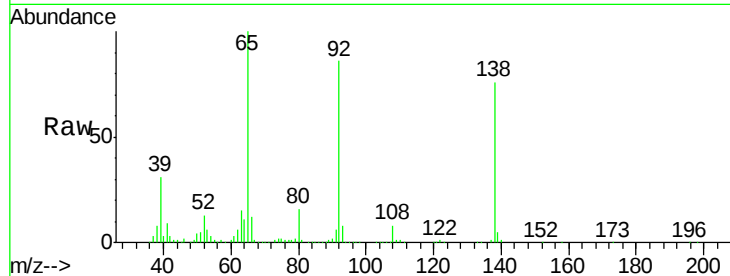
#53
3-Nitroaniline
Concen: 22.413 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	198265		
108	10.4	7.8	11.6	
92	114.2	91.2	136.8	

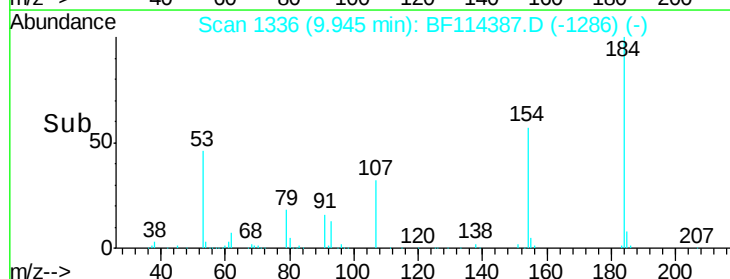
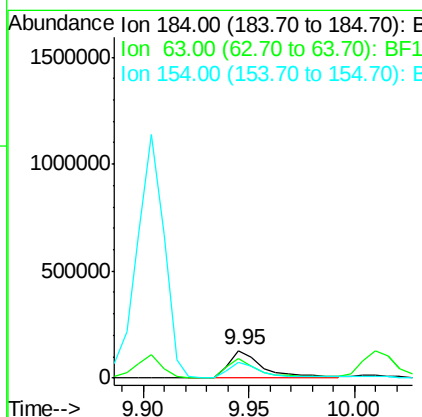
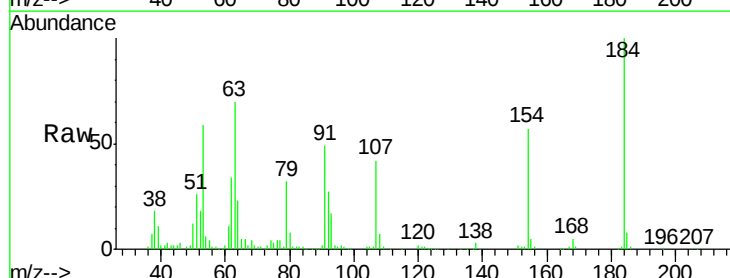
Manual Integrations
APPROVED

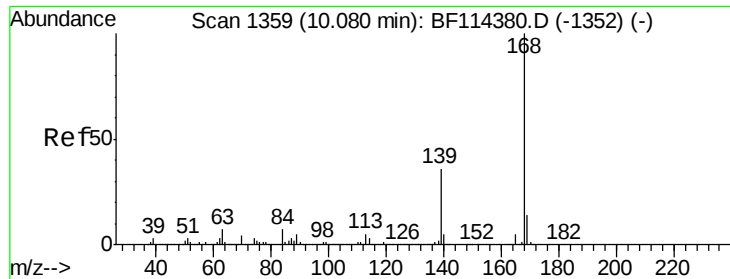
Sohil
5/21/2019 7:17:12 PM



#54
2,4-Dinitrophenol
Concen: 43.709 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	144644		
63	69.6	55.6	83.4	
154	56.7	46.0	69.0	





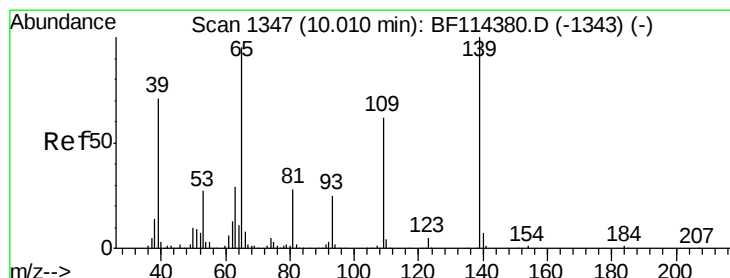
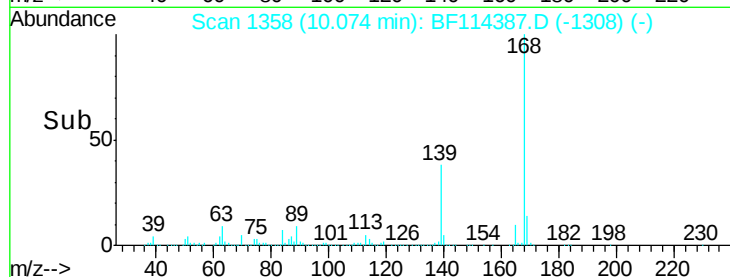
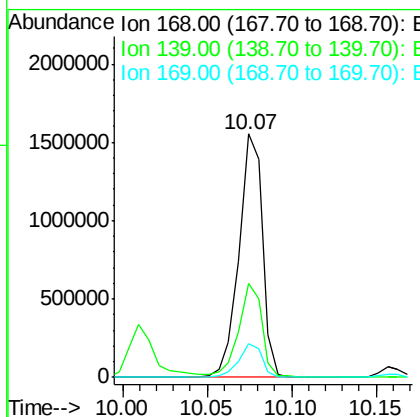
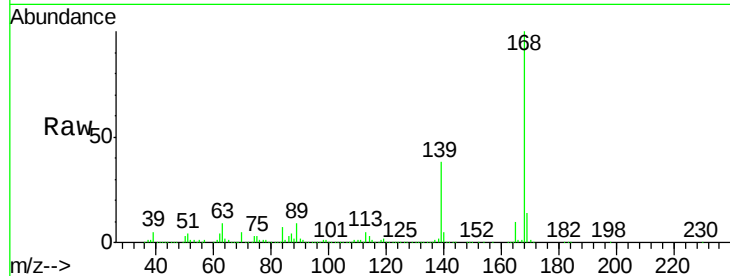
#55
Dibenzenofuran
Concen: 38.796 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion:168 Resp: 1510817
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 14.0 11.4 17.0

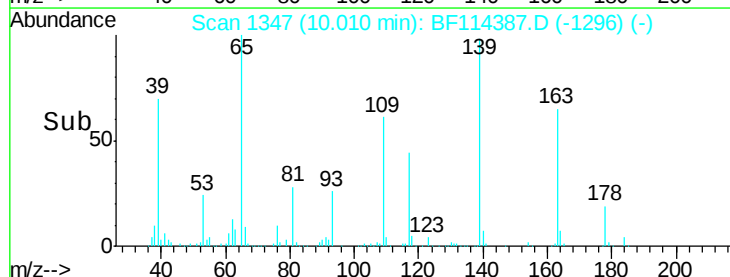
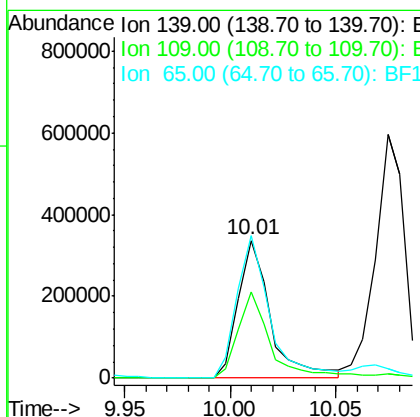
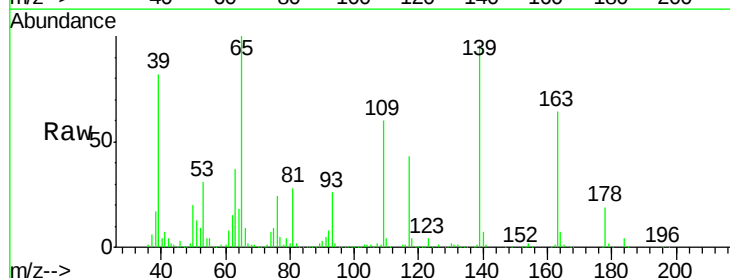
Manual Integrations
APPROVED

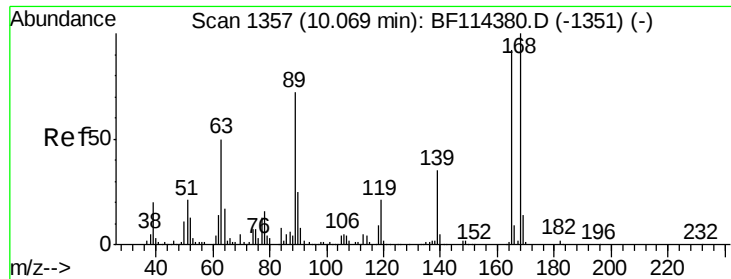
Sohil
5/21/2019 7:17:12 PM



#56
4-Nitrophenol
Concen: 57.834 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:139 Resp: 361790
Ion Ratio Lower Upper
139 100
109 62.7 43.9 83.9
65 103.6 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 38.983 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119788BS

Tgt Ion:165 Resp: 377043
Ion Ratio Lower Upper

165 100

63 55.0 35.5 53.3#

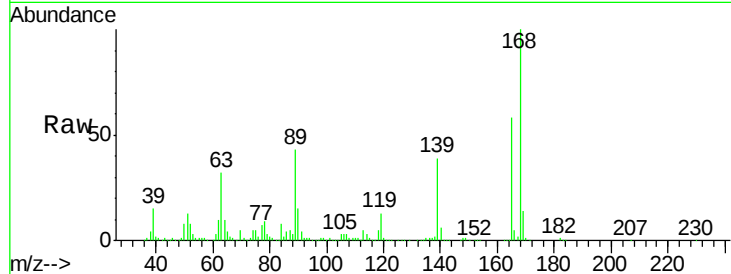
89 74.2 55.2 82.8

182 2.5 2.2 3.2

Manual Integrations
APPROVED

Sohil

5/21/2019 7:17:12 PM

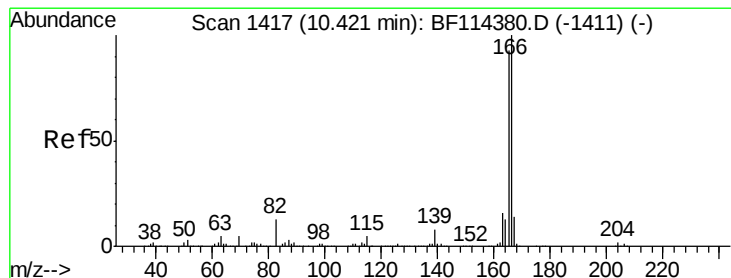
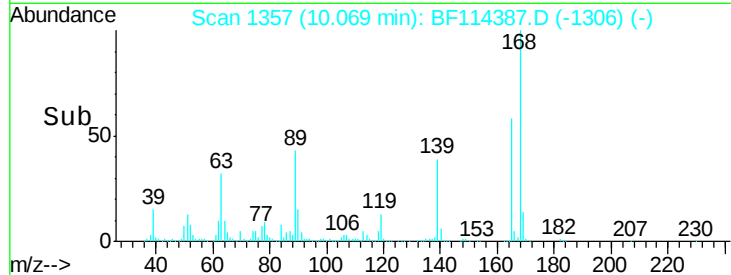
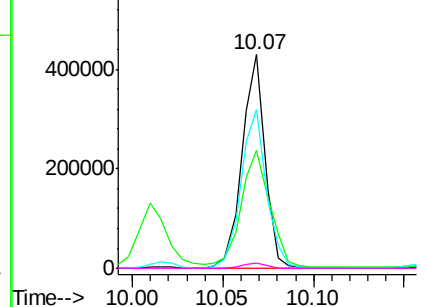


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.551 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:166 Resp: 1219754
Ion Ratio Lower Upper

166 100

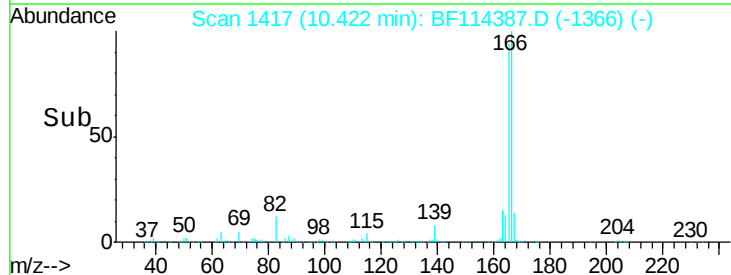
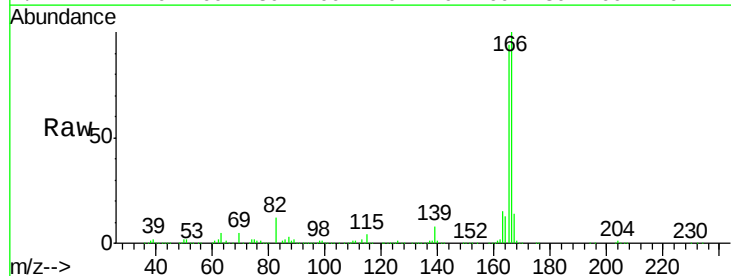
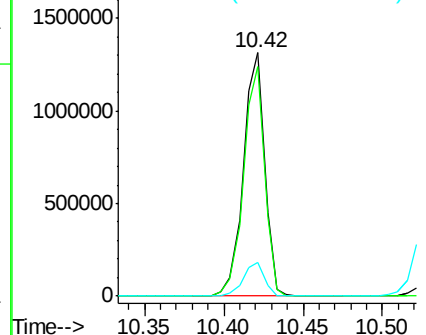
165 94.3 76.1 114.1

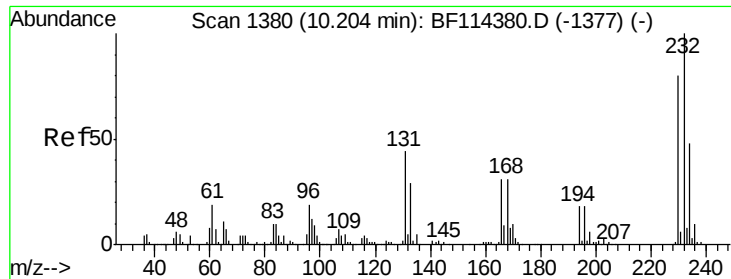
167 13.7 11.1 16.7

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





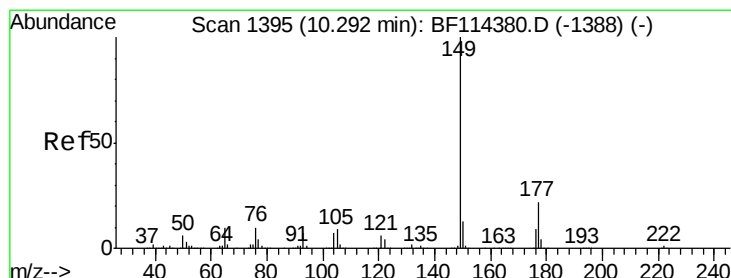
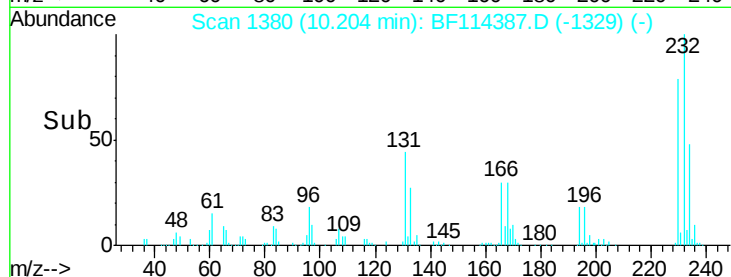
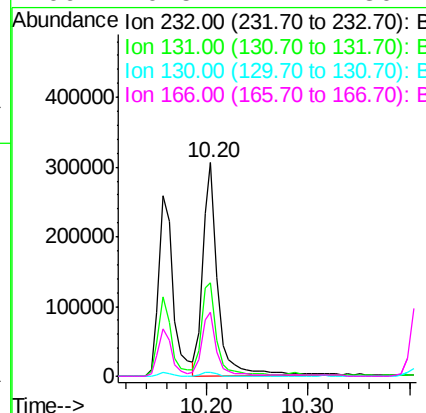
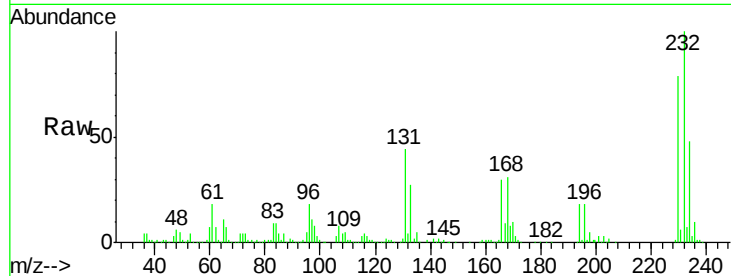
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.485 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	310546		
131	44.7	35.6	53.4	
130	2.3	1.6	2.4	
166	29.5	24.1	36.1	

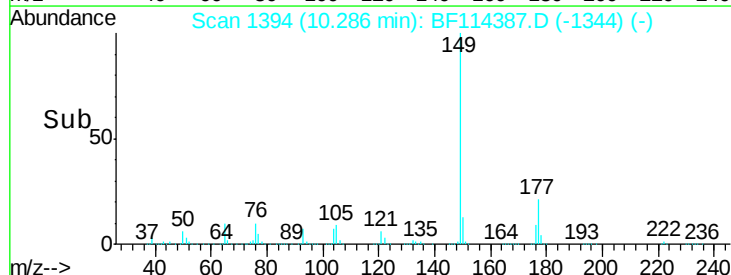
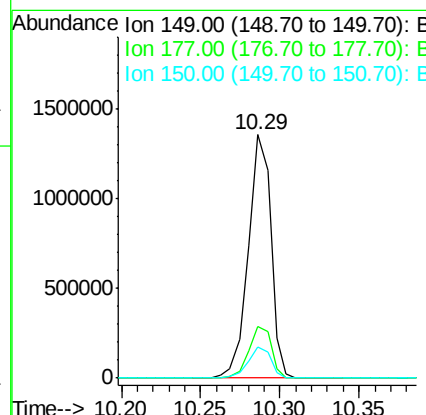
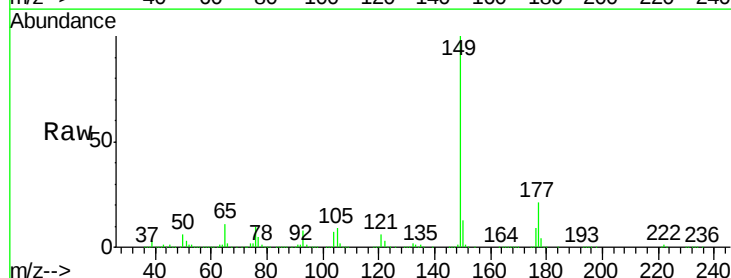
Manual Integrations
 APPROVED

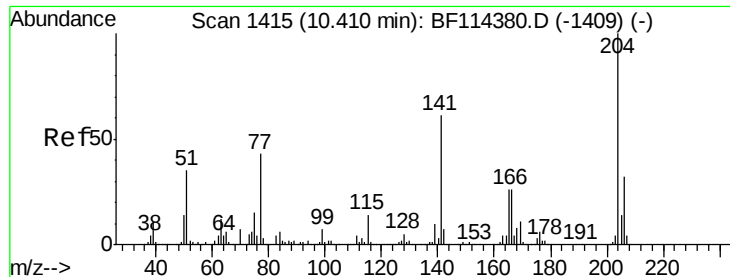
Sohil
 5/21/2019 7:17:12 PM



#60
 Diethylphthalate
 Concen: 41.099 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1341642		
177	21.3	17.8	26.6	
150	12.9	10.2	15.2	





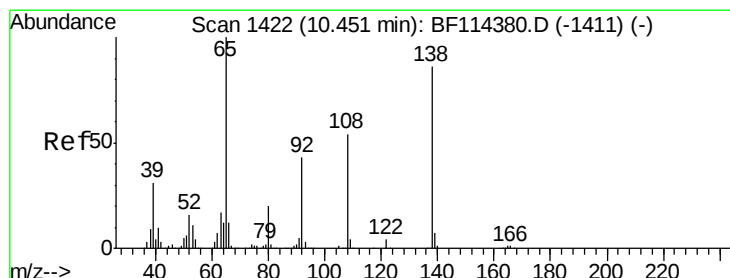
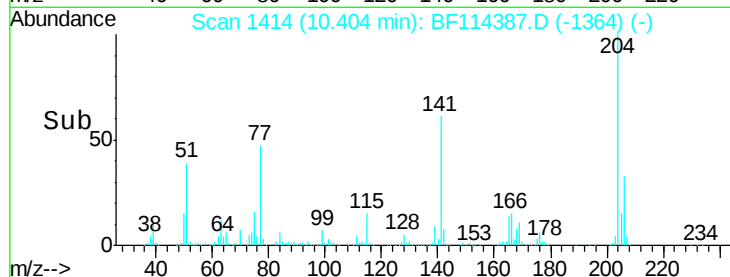
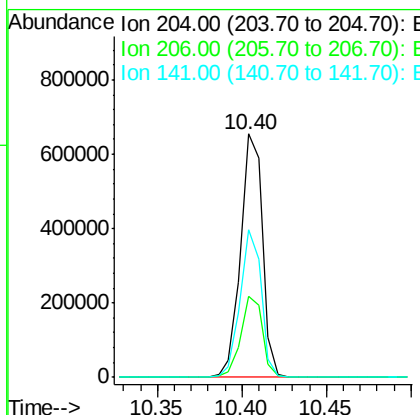
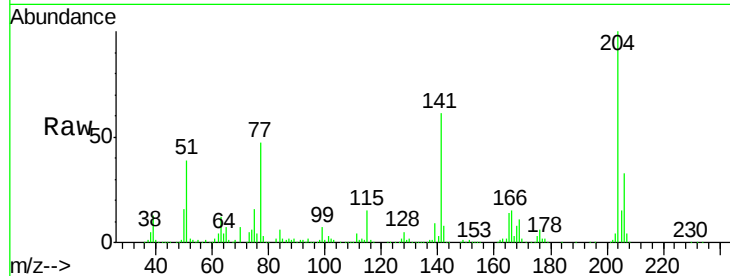
#61
 4-Chlorophenyl-phenylether
 Concen: 39.982 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	60.6	46.4	69.6

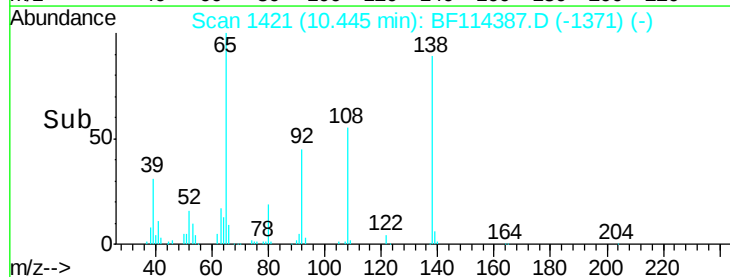
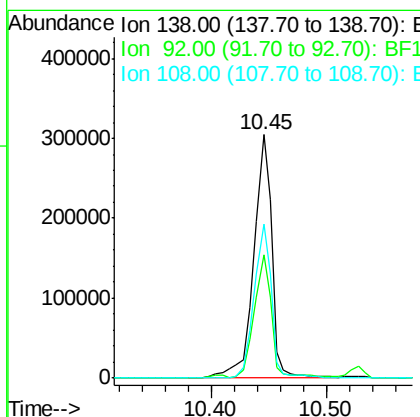
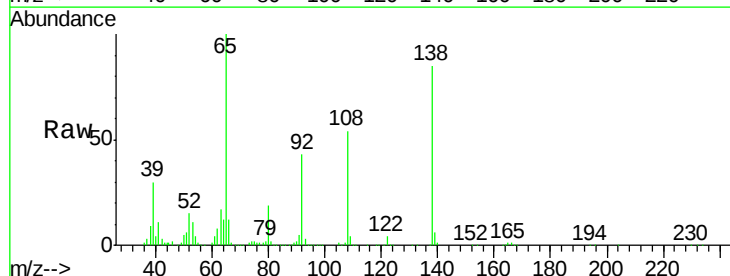
Manual Integrations
 APPROVED

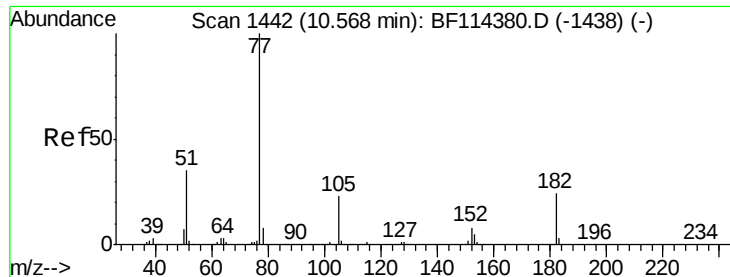
Sohil
 5/21/2019 7:17:12 PM



#62
 4-Nitroaniline
 Concen: 35.808 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	33.0	73.0
108	63.5	44.9	84.9





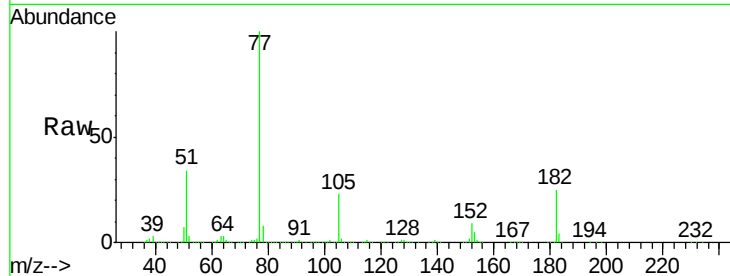
#63
Azobenzene
Concen: 40.477 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

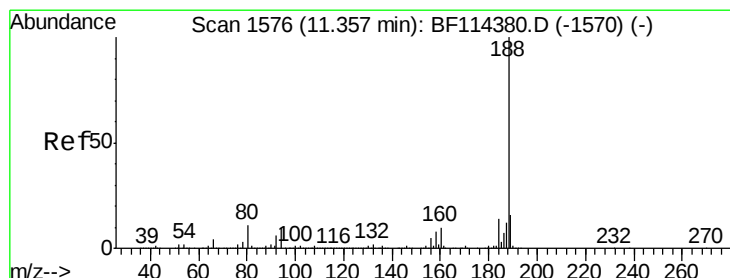
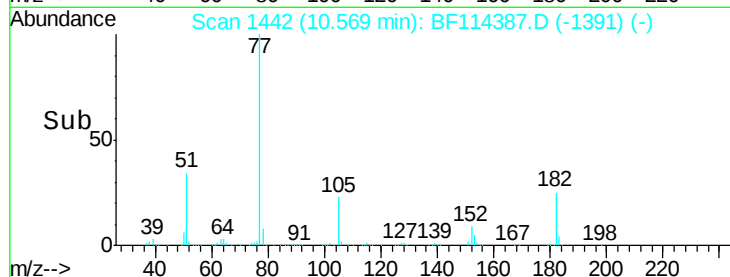
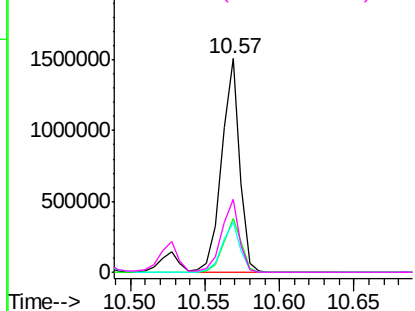
Tgt Ion: 77 Resp: 1279002
Ion Ratio Lower Upper
77 100
182 25.3 4.7 44.7
105 23.3 2.9 42.9
51 34.0 14.6 54.6

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM

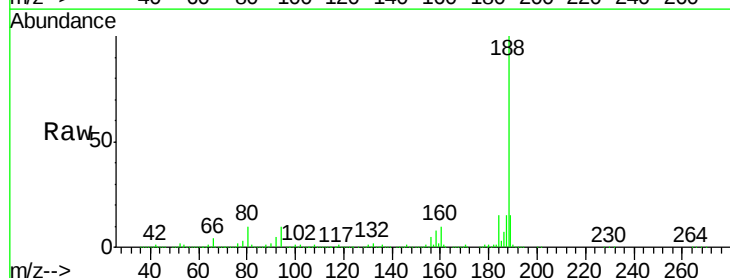


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

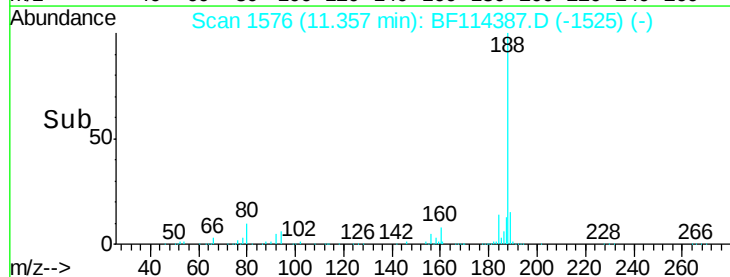
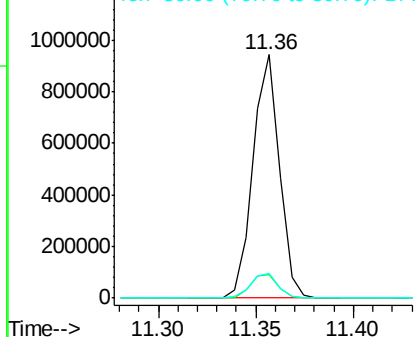


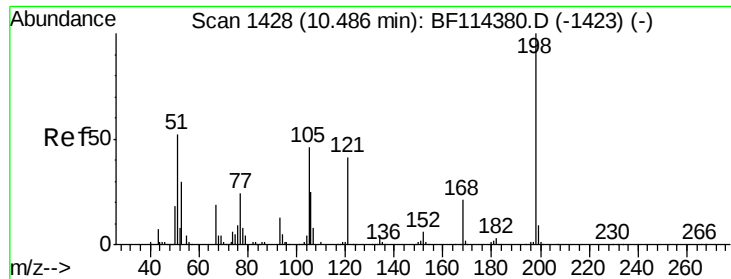
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion: 188 Resp: 885875
Ion Ratio Lower Upper
188 100
94 9.7 8.4 12.6
80 10.1 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: 32.256 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

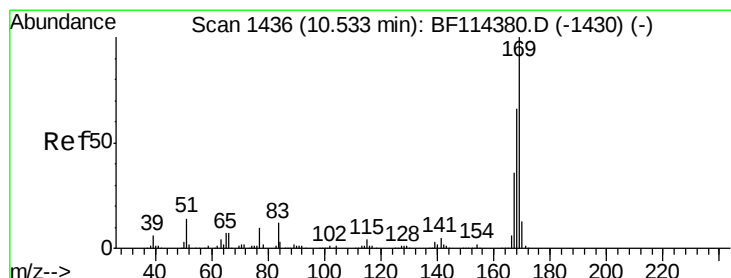
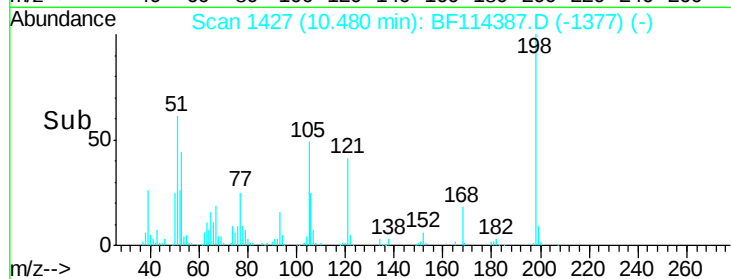
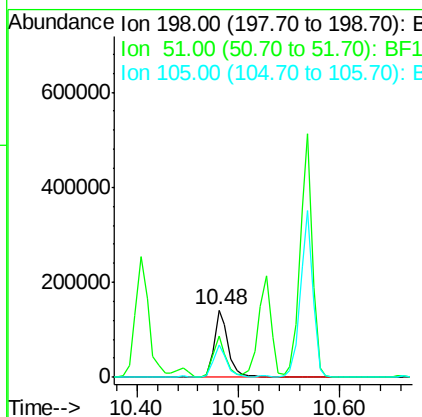
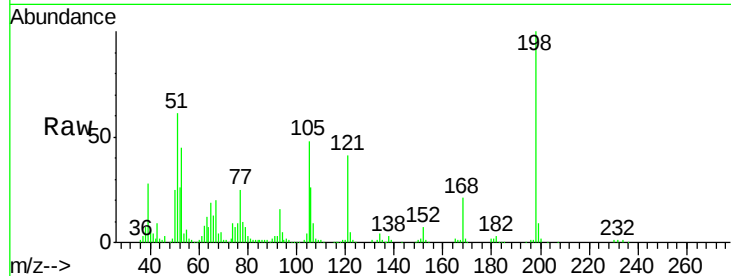
ClientSampleId :

PB119788BS

Tgt Ion:	198	Resp:	137305
Ion Ratio	Lower	Upper	
198	100		
51	61.4	28.0	68.0
105	48.2	21.1	61.1

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



#66

n-Nitrosodiphenylamine

Concen: 41.530 ng

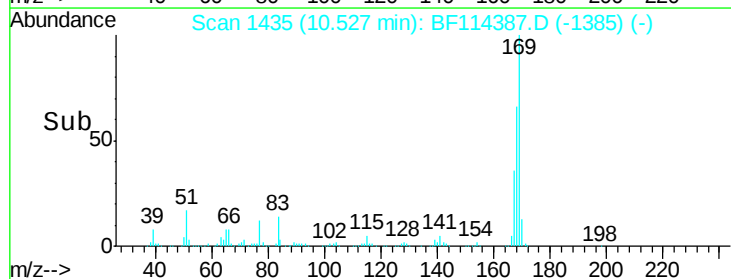
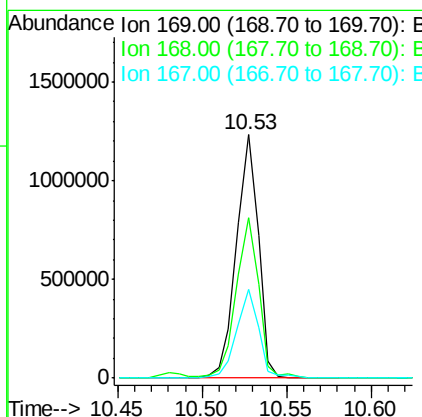
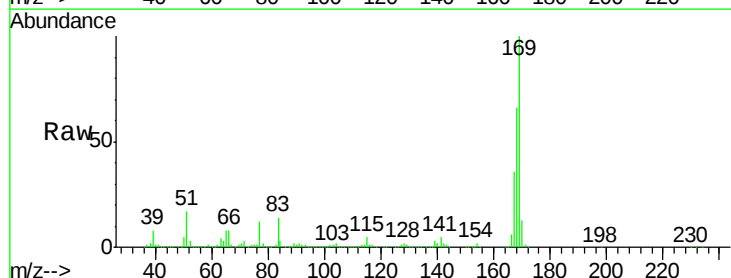
RT: 10.53 min Scan# 1435

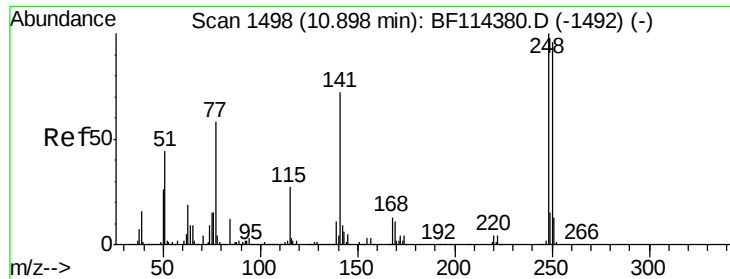
Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:	169	Resp:	1116585
Ion Ratio	Lower	Upper	
169	100		
168	65.9	54.2	81.2
167	36.3	29.8	44.8





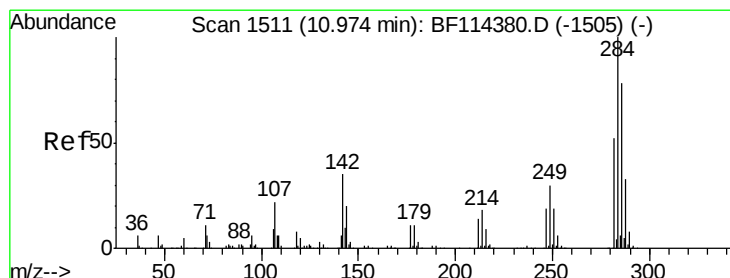
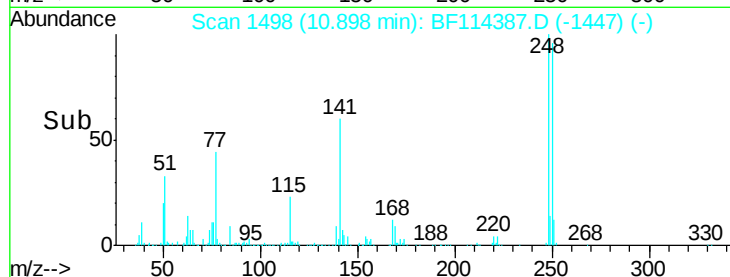
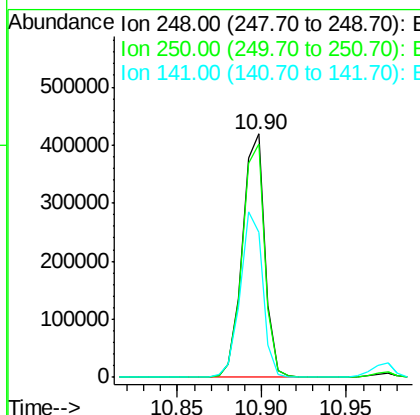
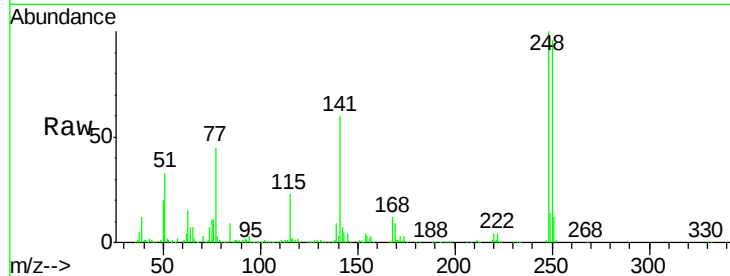
#67
 4-Bromophenyl-phenylether
 Concen: 39.796 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.4	116.2
141	59.8	55.6	83.4

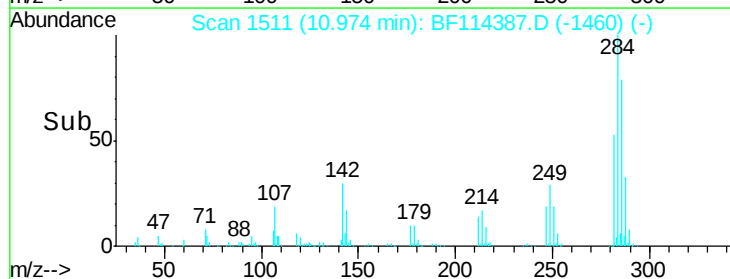
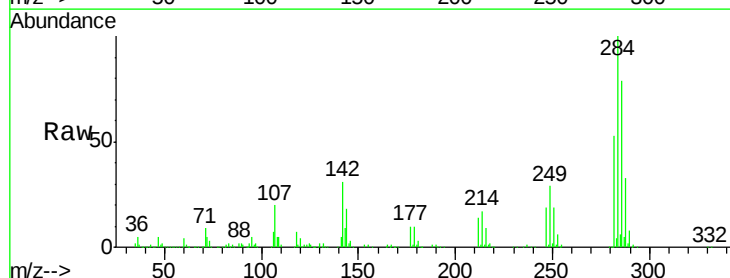
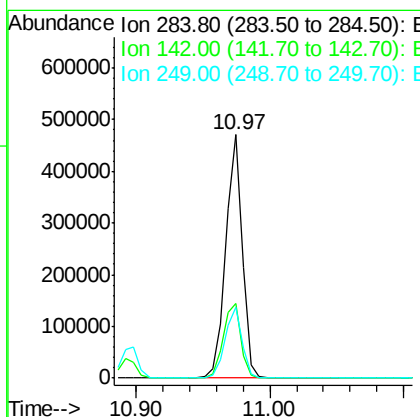
Manual Integrations
 APPROVED

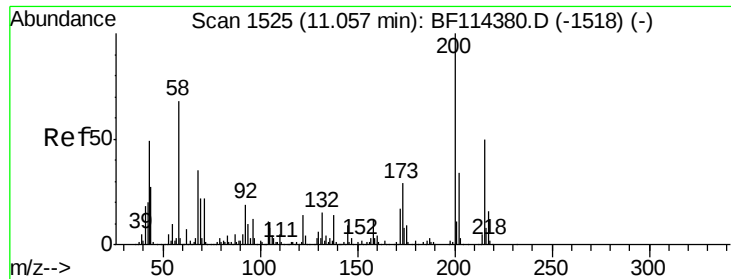
Sohil
 5/21/2019 7:17:12 PM



#68
 Hexachlorobenzene
 Concen: 38.366 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	28.4	42.6
249	29.2	25.2	37.8





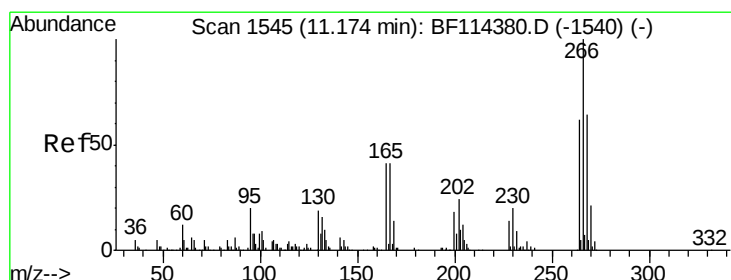
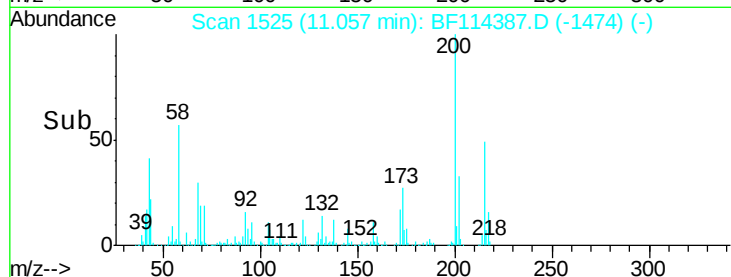
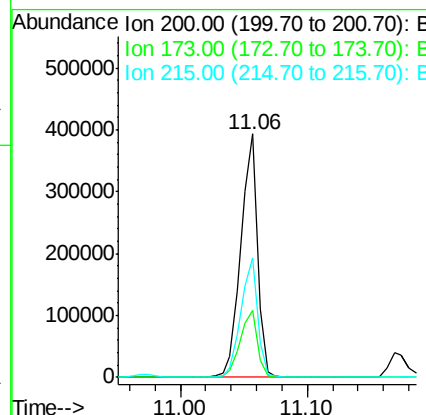
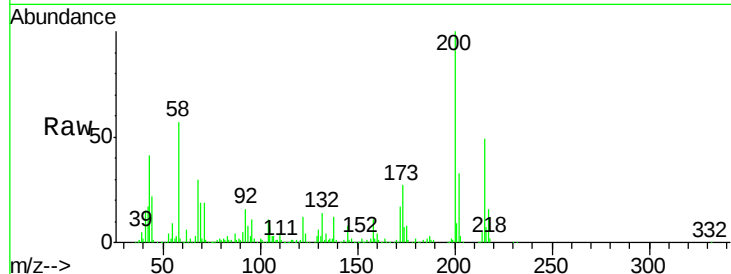
#69
Atrazine
Concen: 42.431 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :
PB119788BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	8.9	48.9
215	49.2	30.7	70.7

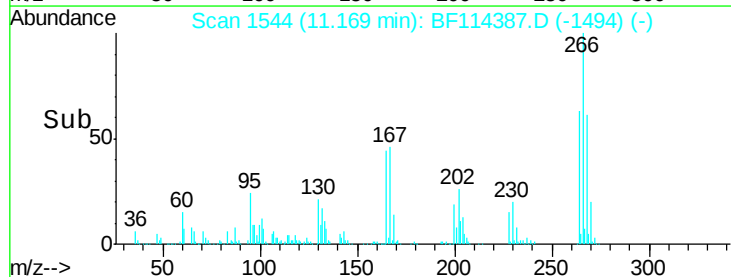
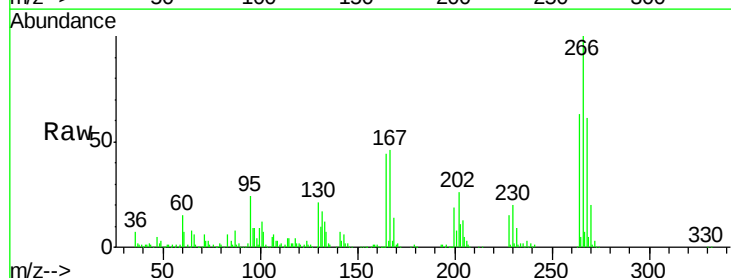
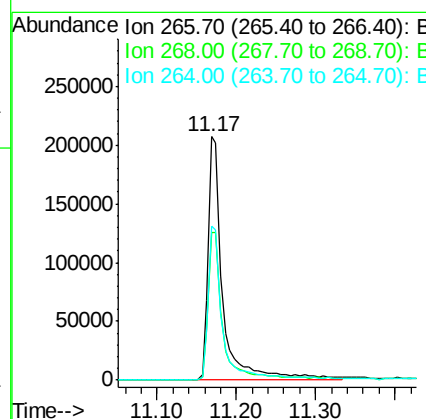
Manual Integrations
APPROVED

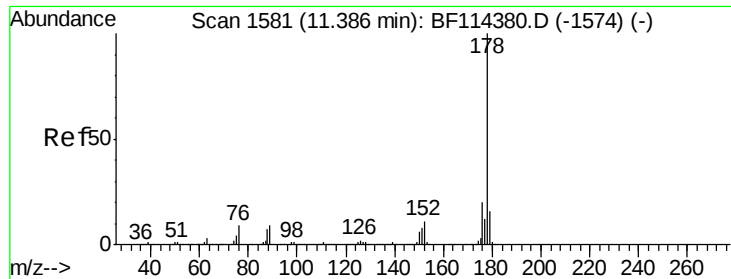
Sohil
5/21/2019 7:17:12 PM



#70
Pentachlorophenol
Concen: 53.795 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	60.6	51.1	76.7
264	63.4	51.1	76.7





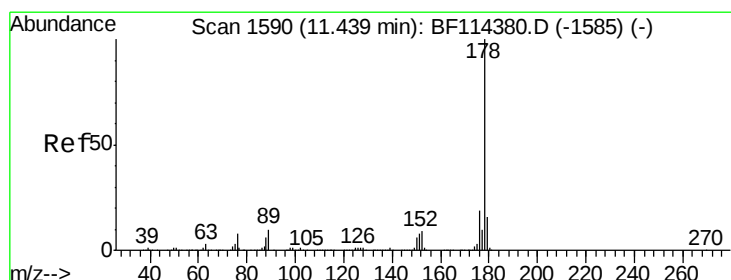
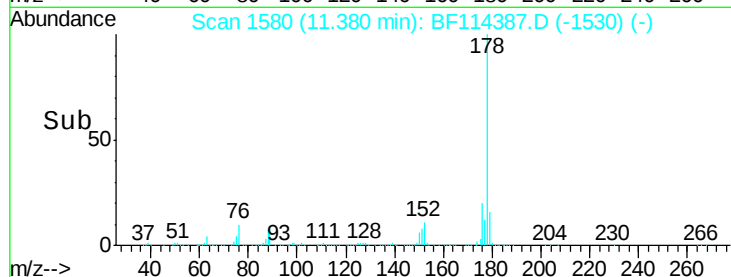
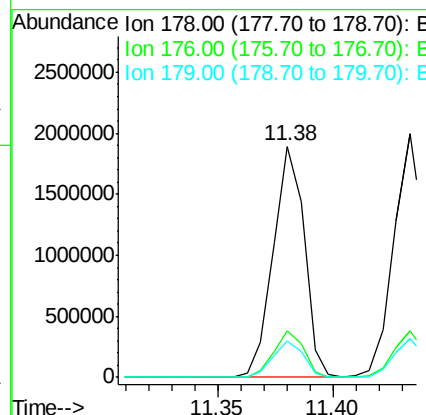
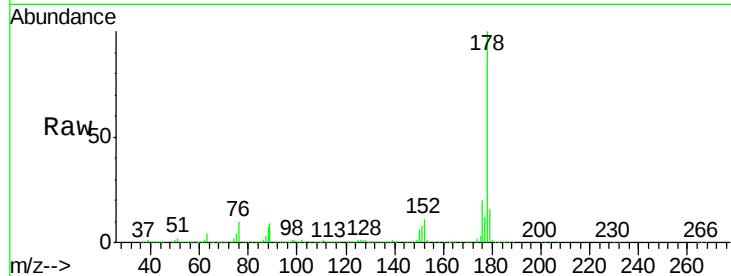
#71
Phenanthrene
Concen: 41.148 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :
PB119788BS

Tgt Ion:178 Resp: 1773449
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.7 13.2 19.8

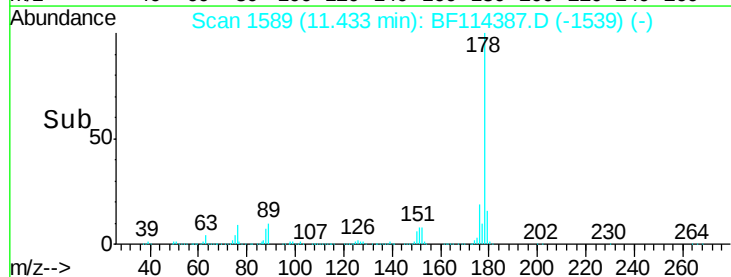
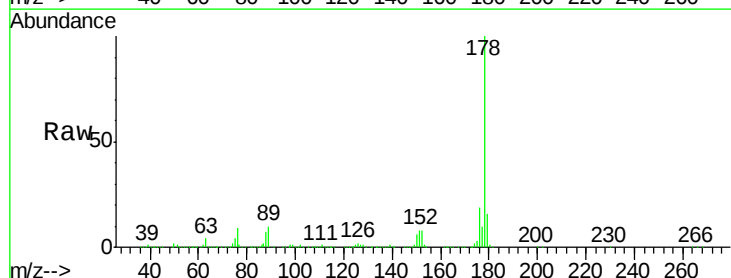
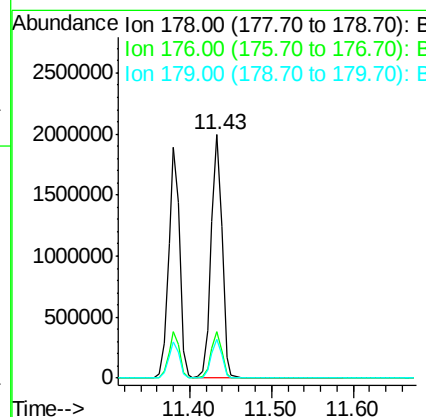
Manual Integrations
APPROVED

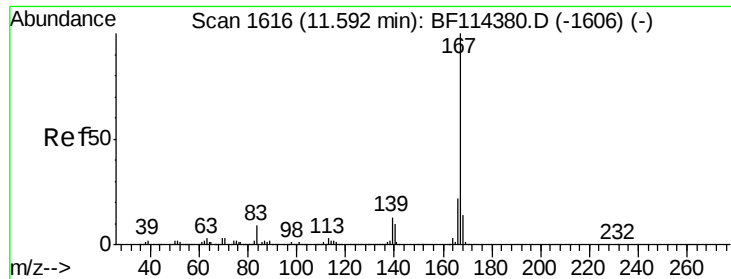
Sohil
5/21/2019 7:17:12 PM



#72
Anthracene
Concen: 42.509 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:178 Resp: 1840164
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 13.0 19.4





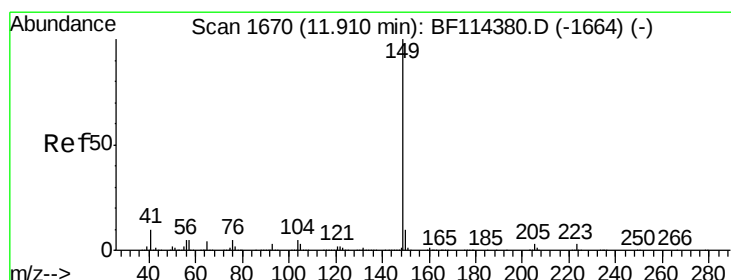
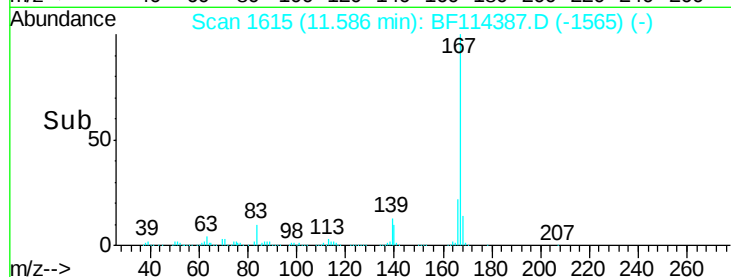
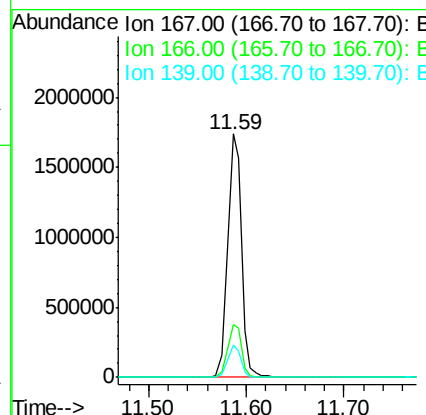
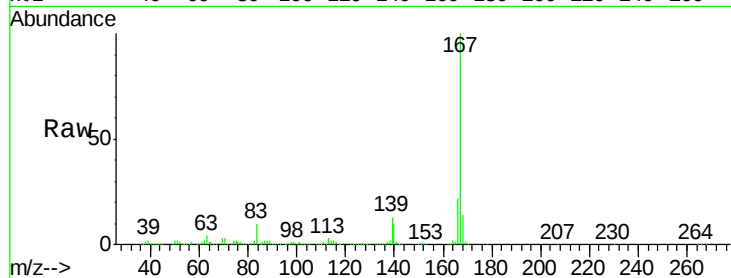
#73
 Carbazole
 Concen: 41.197 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

Tgt Ion:167 Resp: 1700629
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 13.1 10.6 16.0

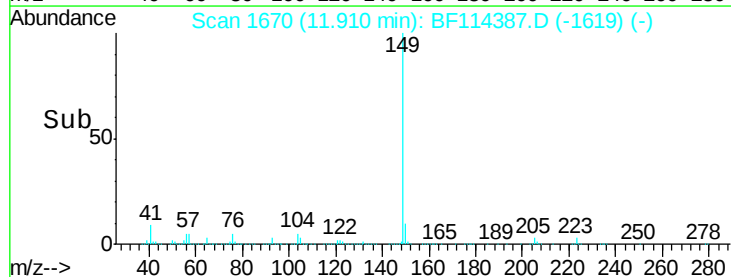
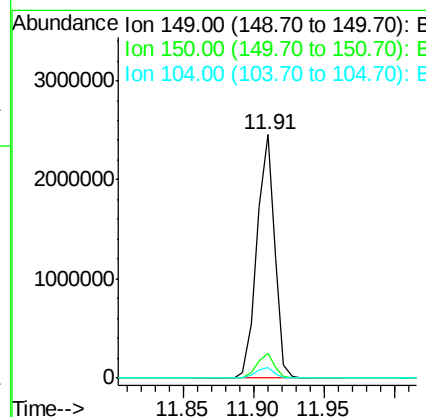
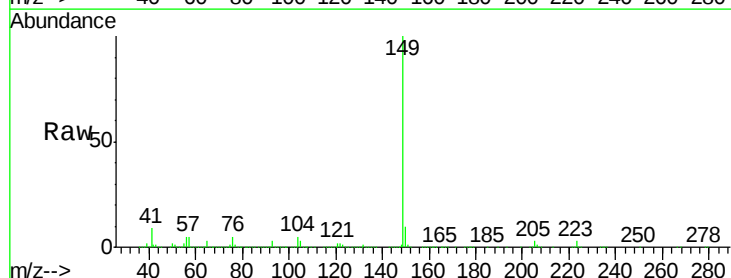
Manual Integrations
 APPROVED

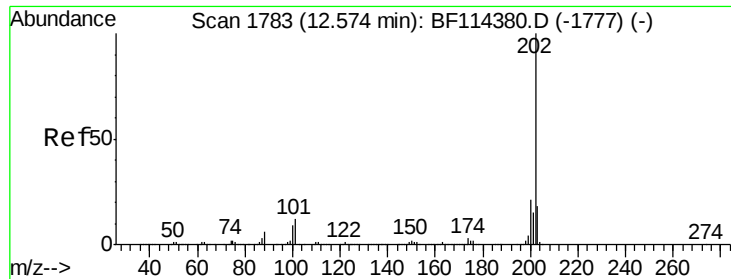
Sohil
 5/21/2019 7:17:12 PM



#74
 Di-n-butylphthalate
 Concen: 45.774 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion:149 Resp: 2176936
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 41.455 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

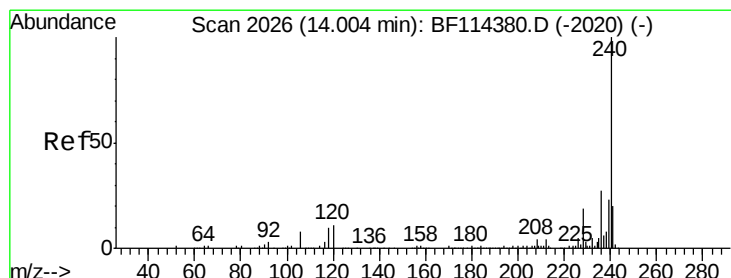
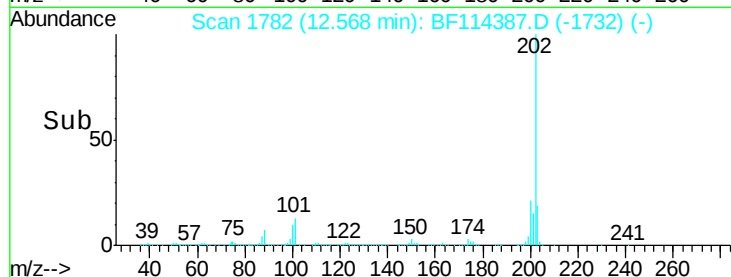
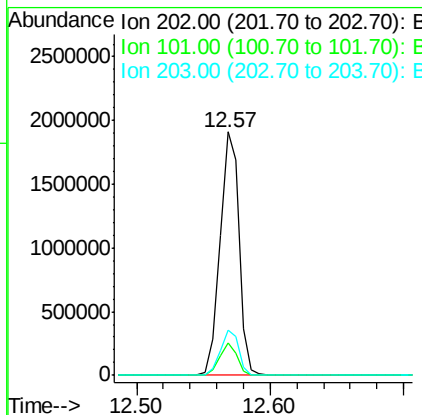
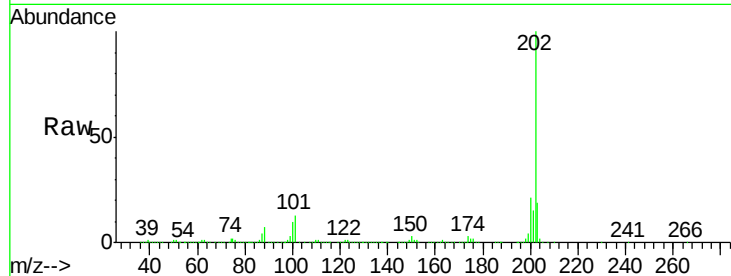
ClientSampled :

PB119788BS

Tgt Ion:	202	Resp:	1924034
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	31.0
203	18.6	0.0	38.4

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



#76

Chrysene-d12

Concen: 20.000 ng

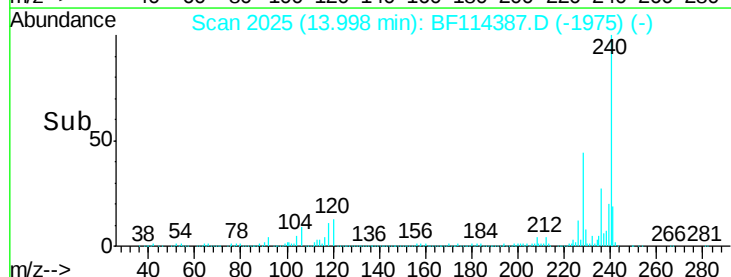
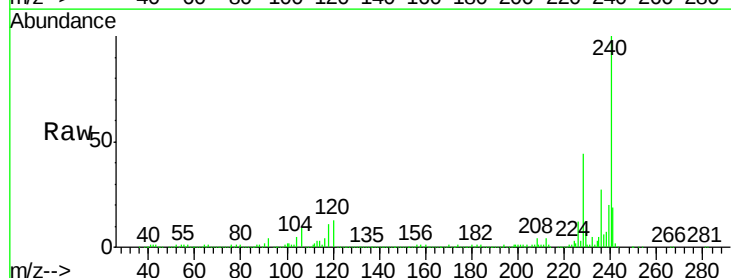
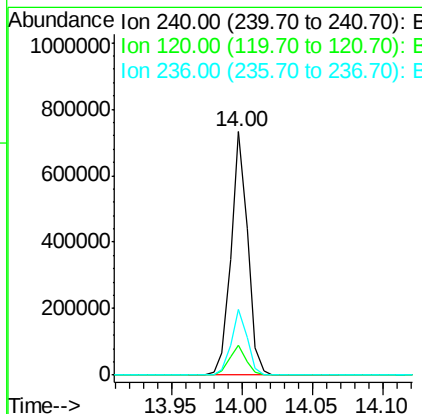
RT: 14.00 min Scan# 2025

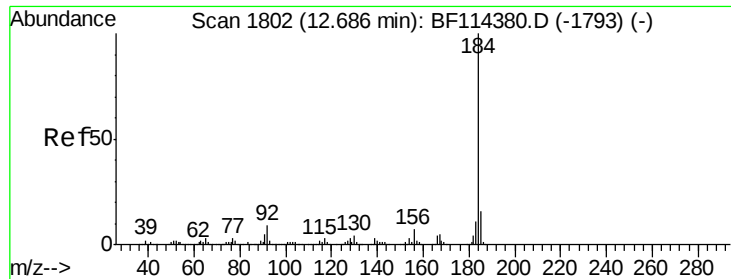
Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:	240	Resp:	599068
Ion Ratio	Lower	Upper	
240	100		
120	12.5	8.3	12.5#
236	26.8	20.8	31.2





#77

Benzidine

Concen: 14.257 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

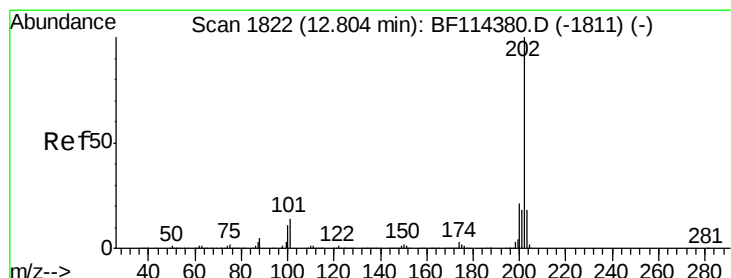
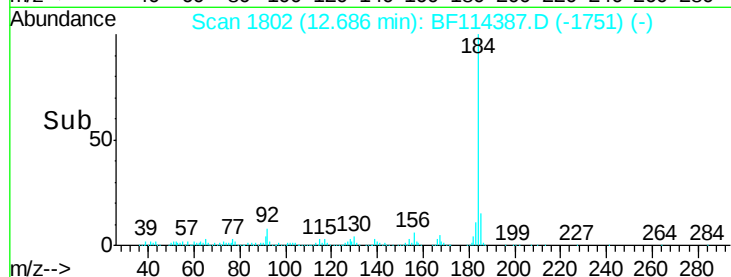
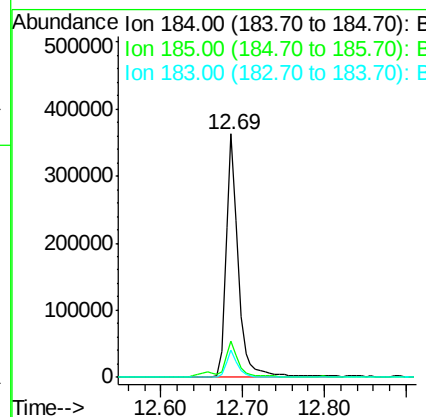
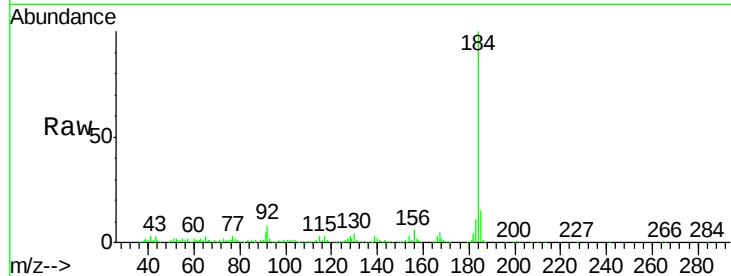
ClientSampled :

PB119788BS

Tgt Ion:	184	Resp:	383384
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.6	20.4
183	11.3	9.2	13.8

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM



#78

Pyrene

Concen: 40.229 ng

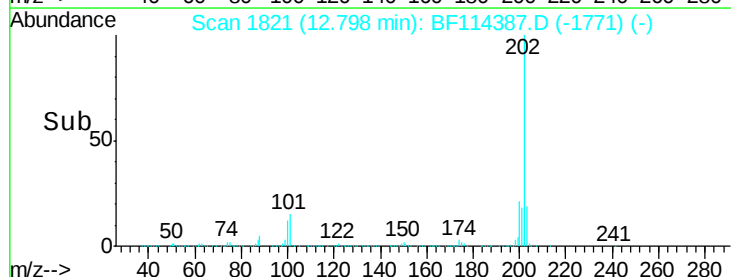
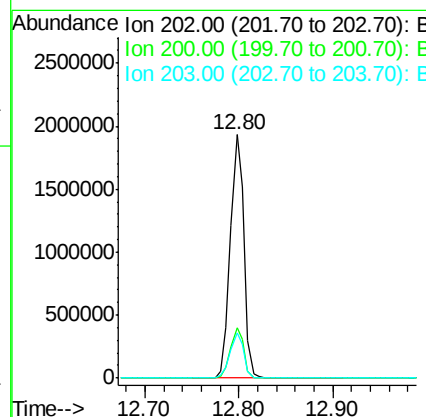
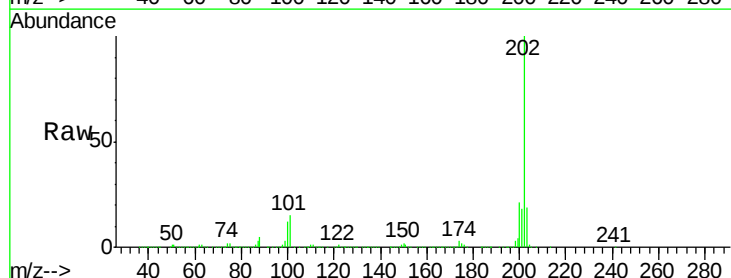
RT: 12.80 min Scan# 1821

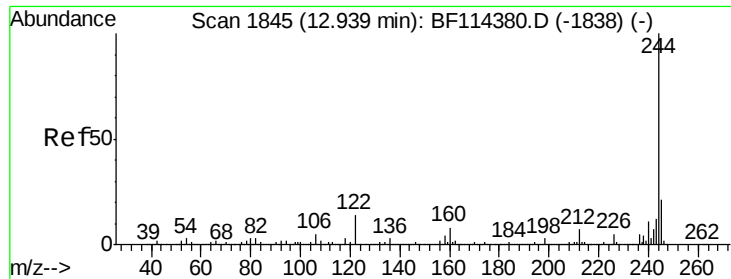
Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:	202	Resp:	1938730
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.9	25.3
203	18.6	14.5	21.7





#79

Terphenyl-d14

Concen: 81.372 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119788BS

Tgt Ion:244 Resp: 2364723

Ion Ratio Lower Upper

244 100

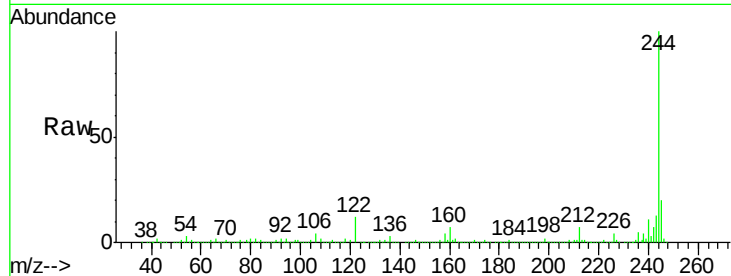
212 7.1 5.8 8.6

122 12.4 9.4 14.2

Manual Integrations
APPROVED

Sohil

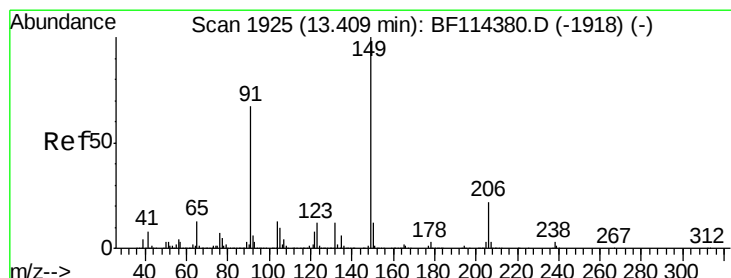
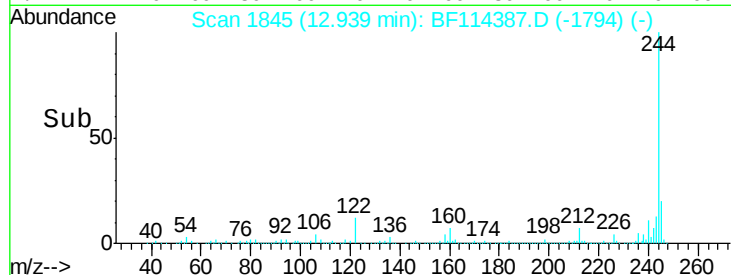
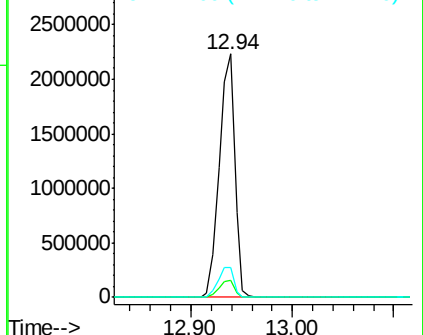
5/21/2019 7:17:12 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.628 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

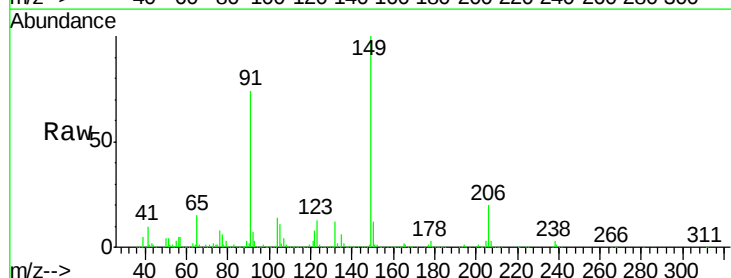
Tgt Ion:149 Resp: 945828

Ion Ratio Lower Upper

149 100

91 73.6 55.0 82.4

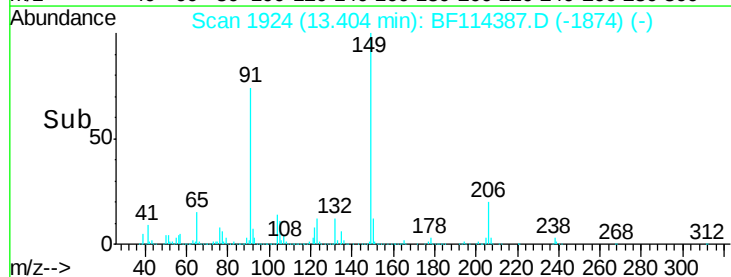
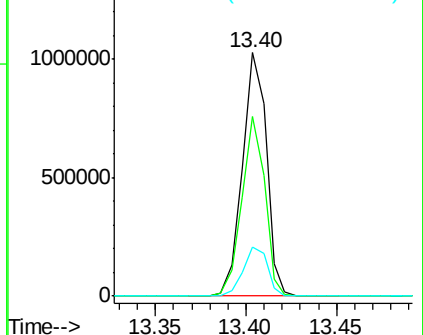
206 20.1 16.9 25.3

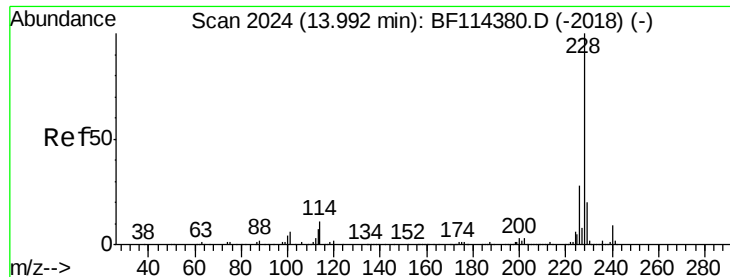


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.727 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119788BS

Tgt Ion:228 Resp: 1578068

Ion Ratio Lower Upper

228 100

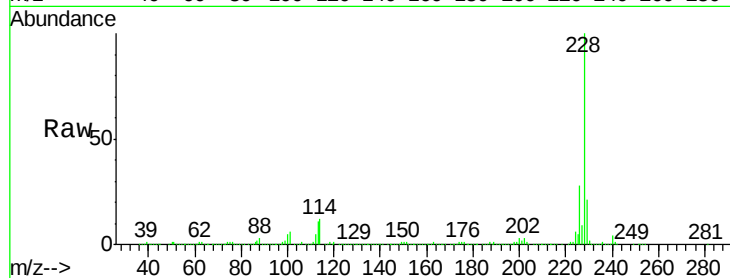
226 27.7 22.2 33.2

229 20.8 16.4 24.6

Manual Integrations
APPROVED

Sohil

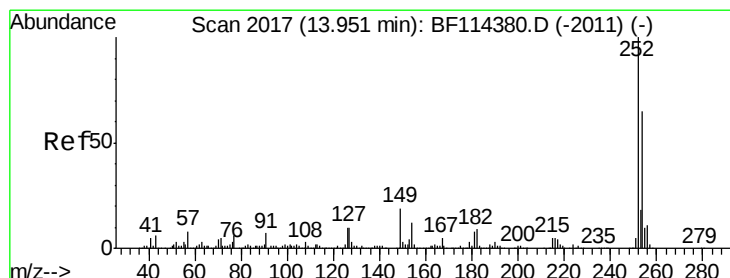
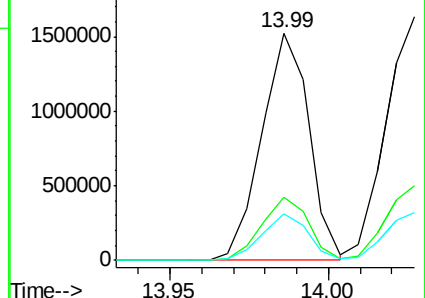
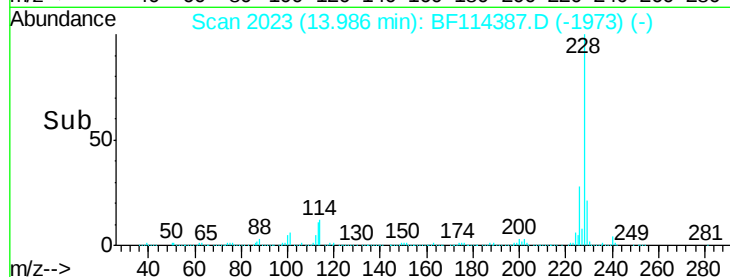
5/21/2019 7:17:12 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.475 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

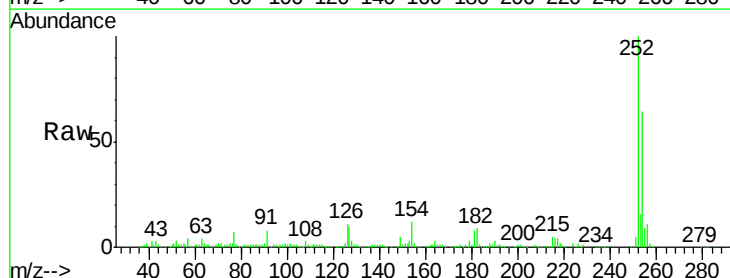
Tgt Ion:252 Resp: 382914

Ion Ratio Lower Upper

252 100

254 64.0 51.9 77.9

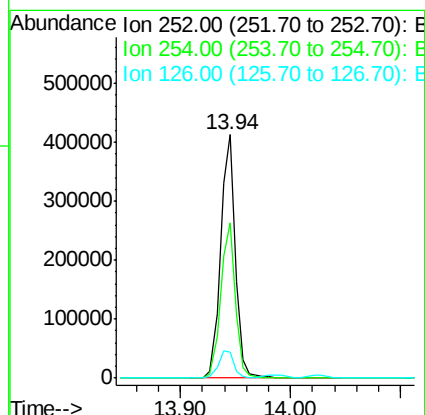
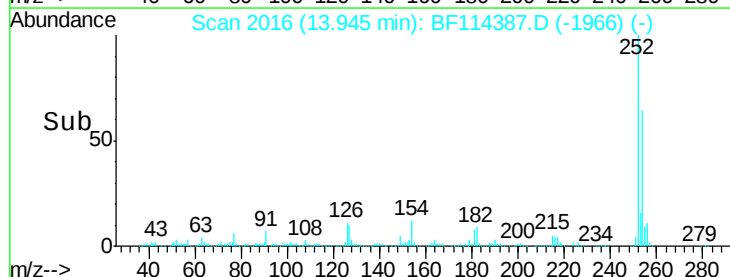
126 10.8 7.9 11.9

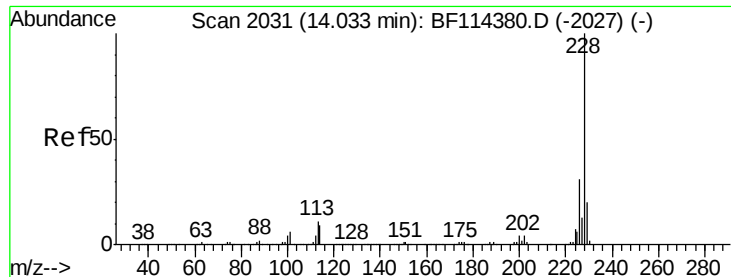


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





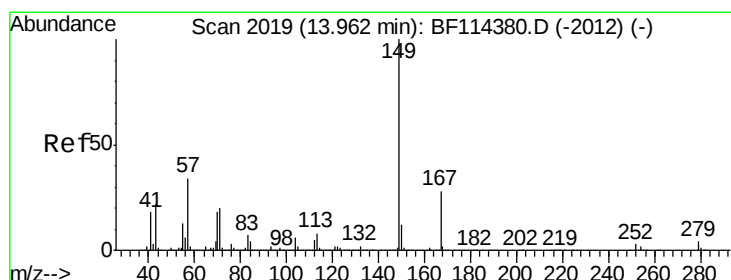
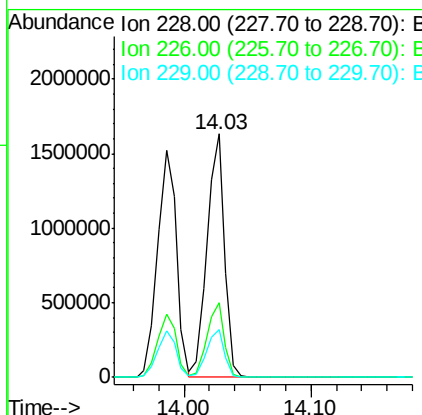
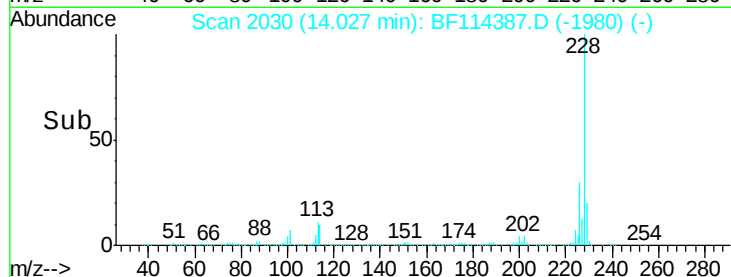
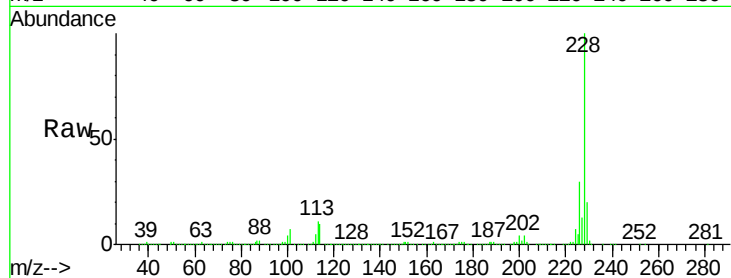
#83
 Chrysene
 Concen: 41.413 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119788BS

Tgt Ion: 228 Resp: 1573013
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.8 17.0 25.6

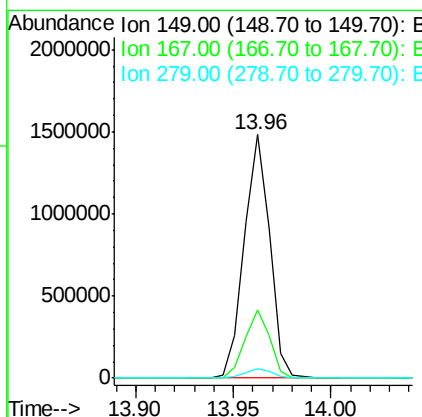
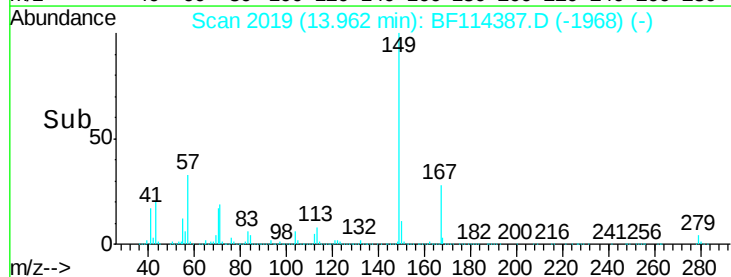
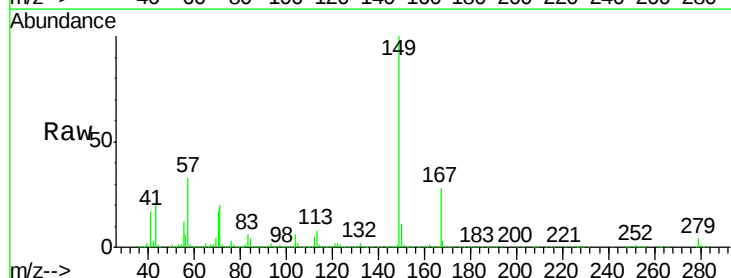
Manual Integrations
 APPROVED

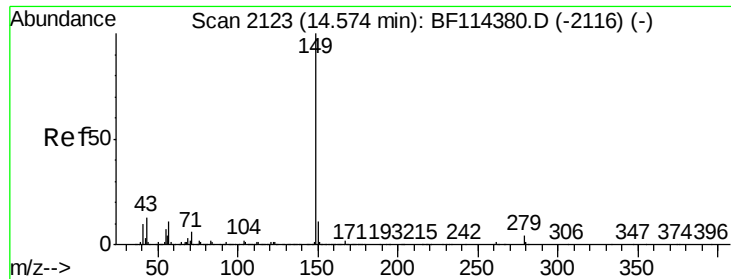
Sohil
 5/21/2019 7:17:12 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.686 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion: 149 Resp: 1344661
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.6 33.8
 279 4.0 3.0 4.6





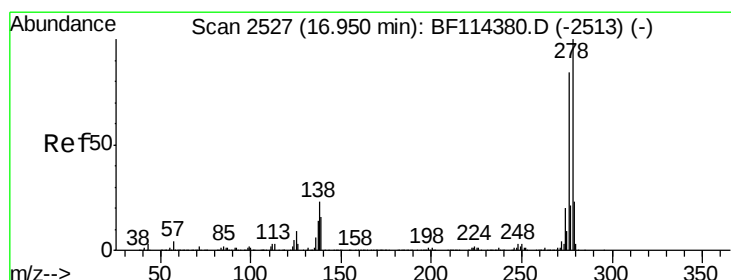
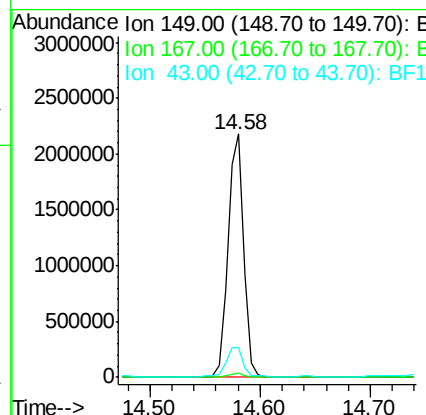
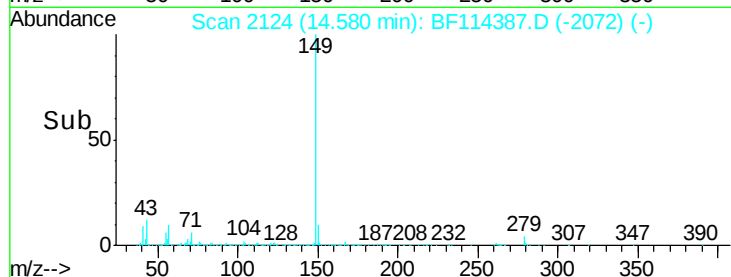
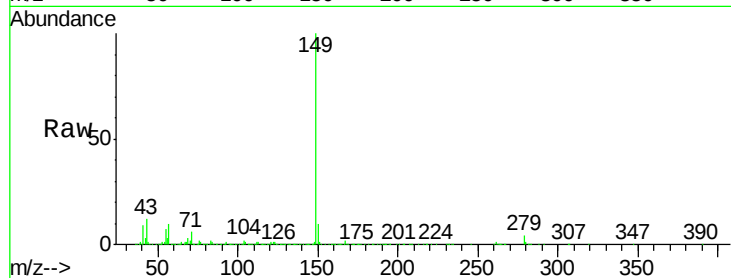
#85
Di-n-octyl phthalate
Concen: 49.867 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.5	10.1	15.1

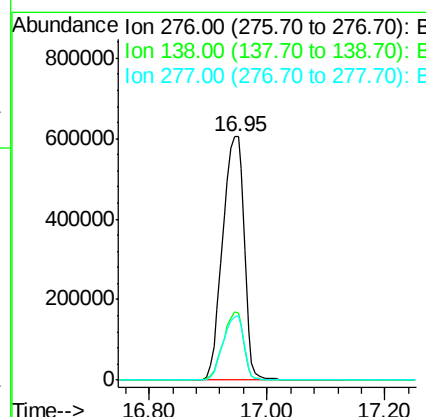
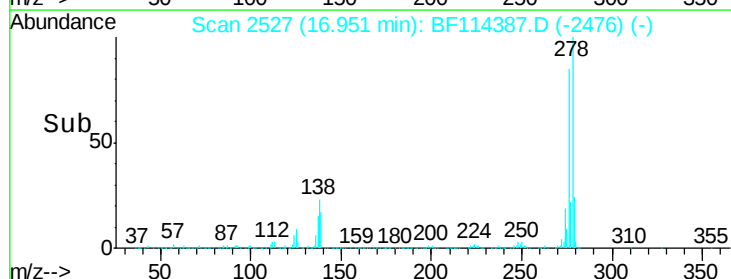
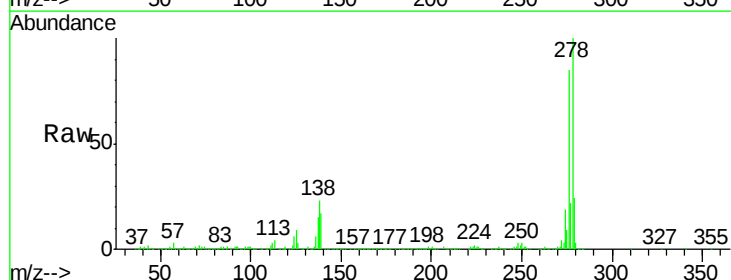
Manual Integrations
APPROVED

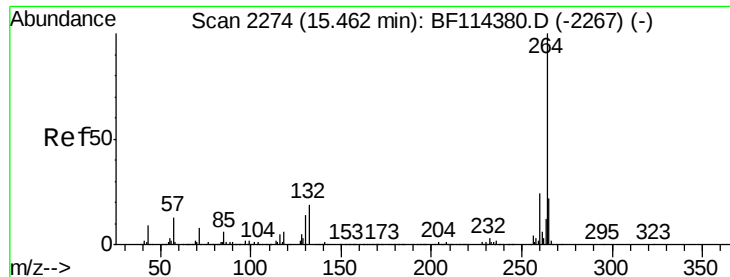
Sohil
5/21/2019 7:17:12 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.063 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.2	30.2
277	25.5	20.0	30.0





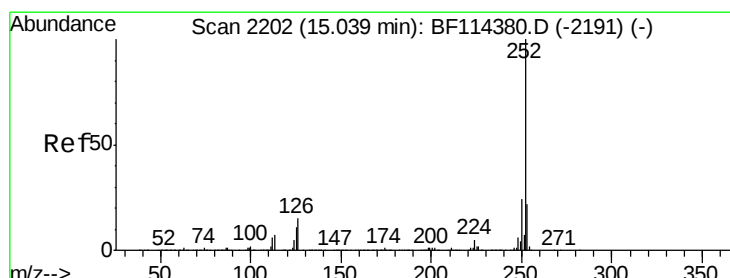
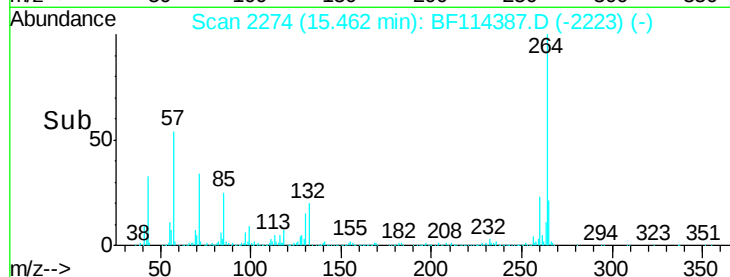
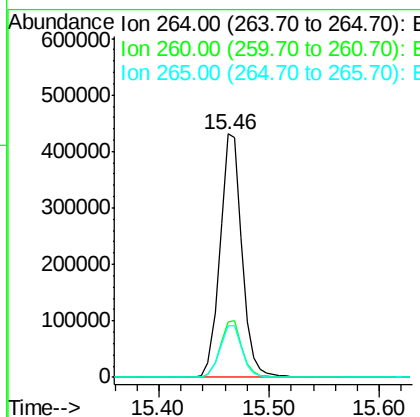
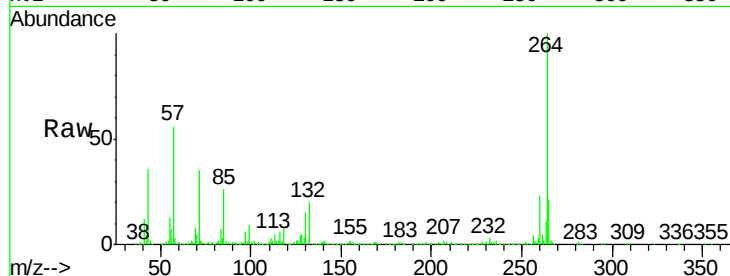
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.0	19.4	29.0
265	21.4	16.9	25.3

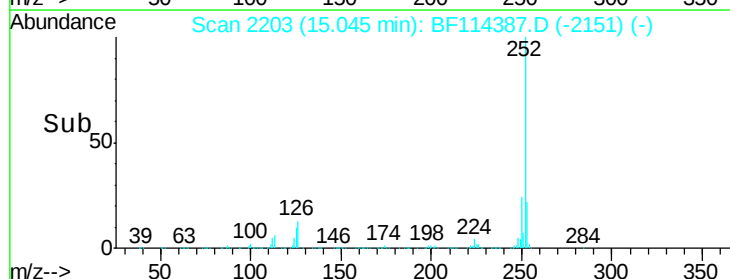
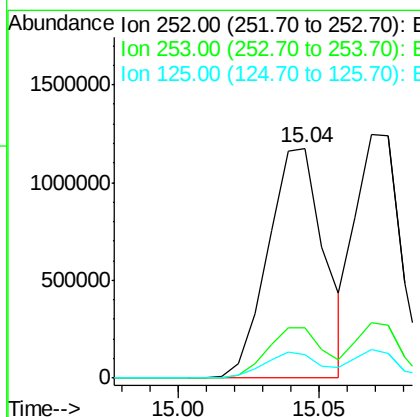
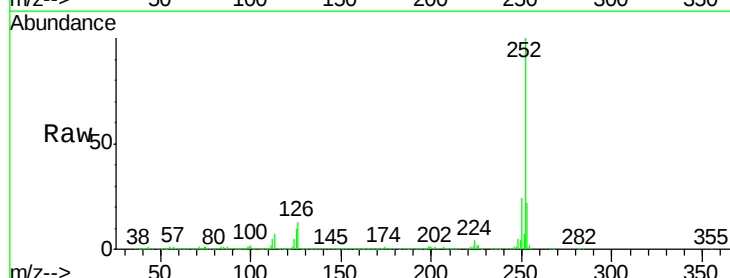
Manual Integrations
APPROVED

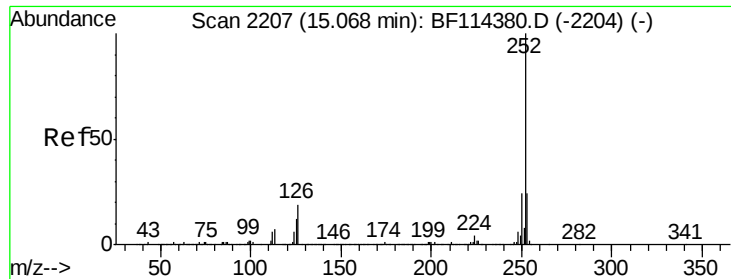
Sohil
5/21/2019 7:17:12 PM



#88
Benzo(b)fluoranthene
Concen: 42.639 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.8	26.8
125	10.3	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 39.545 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

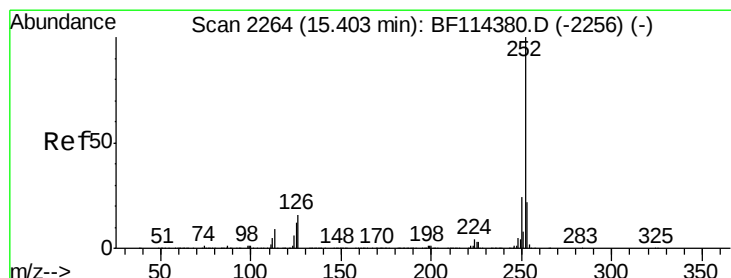
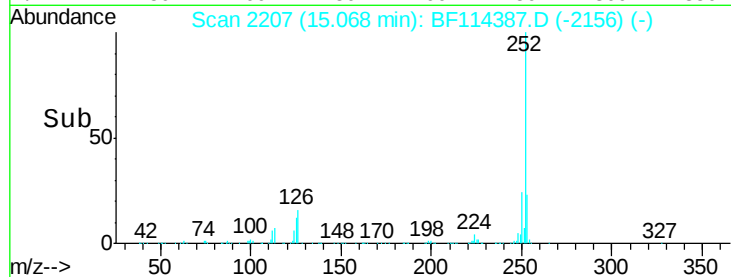
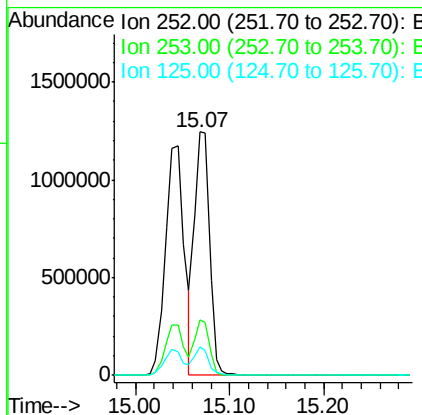
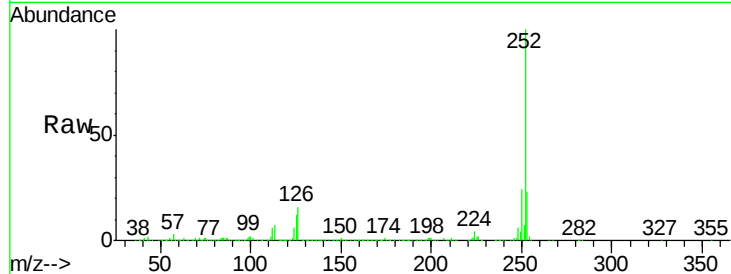
ClientSampleId :

PB119788BS

Tgt Ion:252 Resp: 1387505
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.2 27.2
 125 11.7 8.6 13.0

Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:17:12 PM



#90

Benzo(a)pyrene

Concen: 43.744 ng

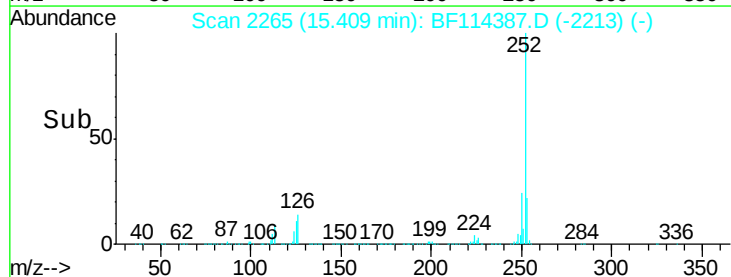
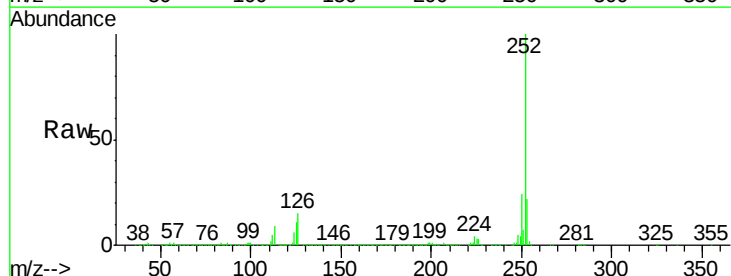
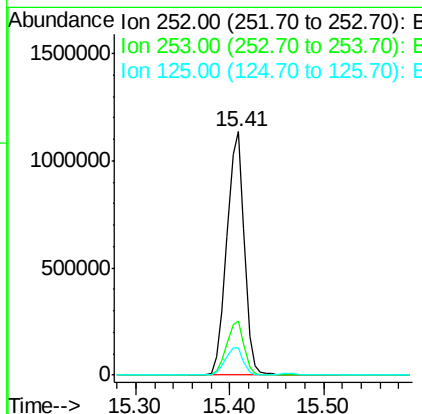
RT: 15.41 min Scan# 2265

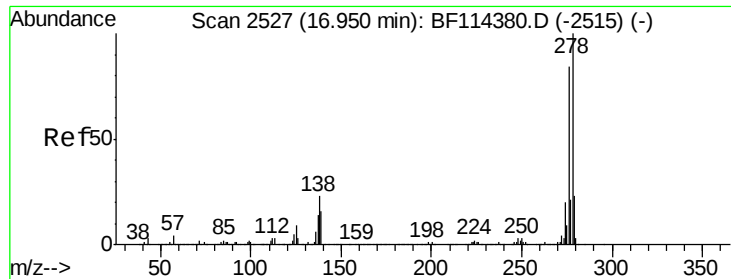
Delta R.T. 0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:252 Resp: 1470455
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.1 27.1
 125 11.1 9.5 14.3





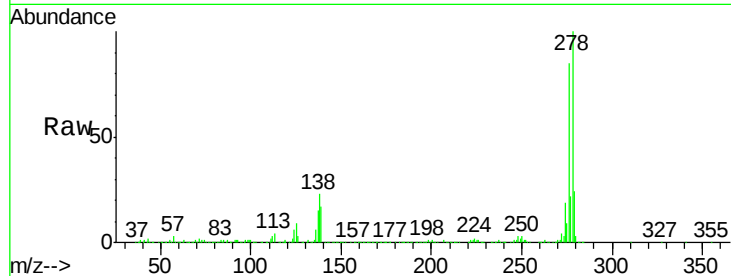
#91
Dibenzo(a,h)anthracene
Concen: 46.132 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119788BS

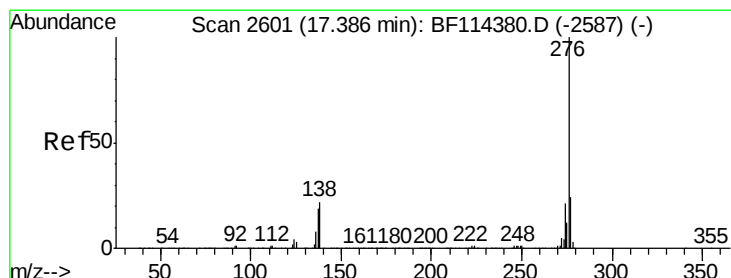
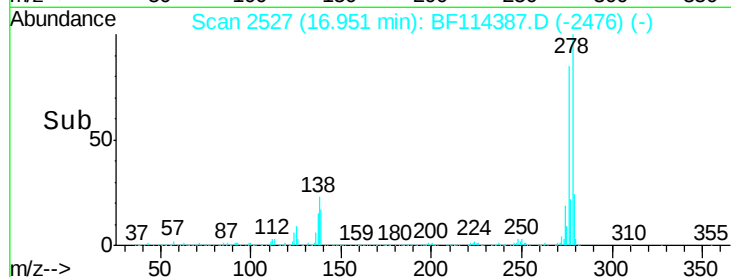
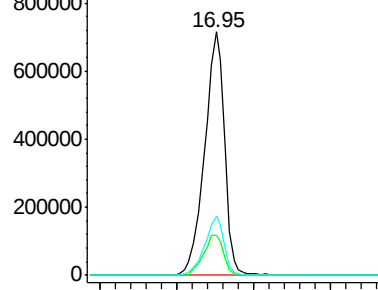
Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.5	20.3
279	24.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/21/2019 7:17:12 PM

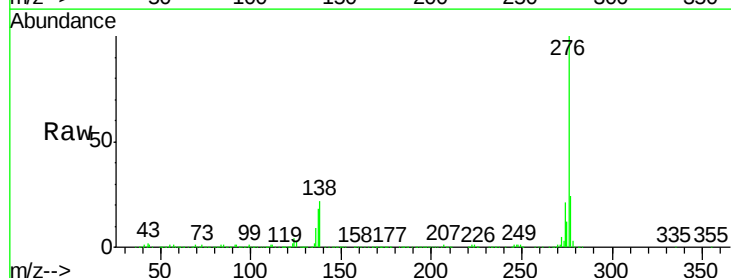


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.874 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	22.3	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

