

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114120.D
 Acq On : 10 May 2019 12:17
 Operator : JU/SJ
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:34:19 PM

Quant Time: May 10 15:56:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	303837	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1168902	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	538185	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1063231	20.00	ng	0.00
76) Chrysene-d12	14.02	240	638471	20.00	ng	0.00
87) Perylene-d12	15.50	264	621354	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	3084286	164.60	ng	0.00
7) Phenol-d6	6.51	99	3944036	167.57	ng	0.02
23) Nitrobenzene-d5	7.43	82	3910191	183.91	ng	0.02
42) 2,4,6-Tribromophenol	10.69	330	966996	142.76	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.96	244	5428607	169.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	1019071	102.868	ng	99
3) Pyridine	3.40	79	2812264	110.012	ng	99
4) n-Nitrosodimethylamine	3.38	42	1368908	158.593	ng	98
6) Aniline	6.53	93	2895977	91.748	ng	99
8) 2-Chlorophenol	6.65	128	1780672	83.682	ng	98
9) Benzaldehyde	6.41	77	1256535	97.245	ng	100
10) Phenol	6.52	94	2311384	84.263	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	1839590	86.387	ng	99
12) 1,3-Dichlorobenzene	6.80	146	2042791	87.136	ng	97
13) 1,4-Dichlorobenzene	6.87	146	2025634	86.045	ng	99
14) 1,2-Dichlorobenzene	7.03	146	1787255	84.883	ng	97
15) Benzyl Alcohol	7.01	79	1567472	89.155	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	3462534	161.498	ng	97
17) 2-Methylphenol	7.12	107	1513201	94.470	ng	# 92
18) Hexachloroethane	7.37	117	780841	97.093	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	1332594	93.504	ng	97
20) 3+4-Methylphenols	7.28	107	1591099	81.047	ng	# 88
22) Acetophenone	7.27	105	2339602	85.196	ng	# 94
24) Nitrobenzene	7.45	77	1970655	87.477	ng	95
25) Isophorone	7.69	82	3737360	90.270	ng	99
26) 2-Nitrophenol	7.76	139	1010718	87.546	ng	94
27) 2,4-Dimethylphenol	7.80	122	1512495	96.717	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	2293888	90.634	ng	99
29) 2,4-Dichlorophenol	8.00	162	1483883	82.246	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	1662946	81.887	ng	99
31) Naphthalene	8.16	128	4683482	82.757	ng	96
32) Benzoic acid	7.97	122	1229407m	113.973	ng	
33) 4-Chloroaniline	8.21	127	2230234	96.476	ng	97
34) Hexachlorobutadiene	8.28	225	937399	75.041	ng	98
35) Caprolactam	8.62	113	522906m	98.229	ng	
36) 4-Chloro-3-methylphenol	8.70	107	1563955	88.236	ng	100
37) 2-Methylnaphthalene	8.86	142	3194783	84.545	ng	99
38) 1-Methylnaphthalene	8.96	142	2971871	81.297	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1426010	84.843	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114120.D
 Acq On : 10 May 2019 12:17
 Operator : JU/SJ
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

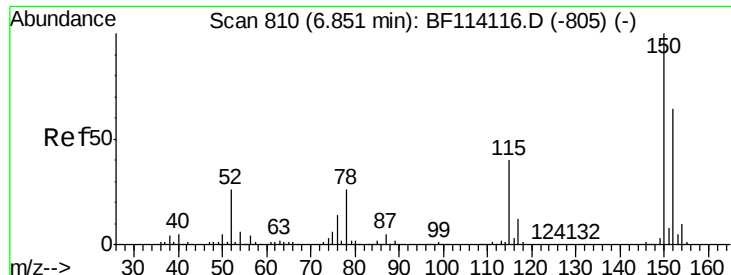
Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:34:19 PM

Quant Time: May 10 15:56:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	757725	109.796	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	1076436	99.688	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	1089431	91.713	ng	97
46) 1,1'-Biphenyl	9.32	154	3640890	90.825	ng	96
47) 2-Chloronaphthalene	9.35	162	3030065	92.756	ng	96
48) 2-Nitroaniline	9.44	65	1197926	131.990	ng	98
49) Acenaphthylene	9.76	152	4463634	86.659	ng	96
50) Dimethylphthalate	9.63	163	3629816	93.374	ng	98
51) 2,6-Dinitrotoluene	9.69	165	842224	95.597	ng	88
52) Acenaphthene	9.93	154	2806005m	93.939	ng	
53) 3-Nitroaniline	9.86	138	1018127	110.332	ng	99
55) Dibenzofuran	10.10	168	3864108	82.258	ng	96
56) 4-Nitrophenol	10.02	139	763603	108.965	ng	90
57) 2,4-Dinitrotoluene	10.09	165	1069082	89.507	ng	92
58) Fluorene	10.44	166	3056108	84.935	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	901509	85.434	ng	98
60) Diethylphthalate	10.32	149	3396955	88.992	ng	97
61) 4-Chlorophenyl-phenylether	10.43	204	1469121	78.887	ng	95
62) 4-Nitroaniline	10.48	138	1062663	111.391	ng	99
63) Azobenzene	10.60	77	3289735	89.913	ng	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	567548	94.406	ng	91
66) n-Nitrosodiphenylamine	10.56	169	2874648	86.607	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	1049467	79.478	ng	96
68) Hexachlorobenzene	11.00	284	1156778	79.797	ng	95
69) Atrazine	11.08	200	910201	81.762	ng	98
70) Pentachlorophenol	11.19	266	645541	83.770	ng	99
71) Phenanthrene	11.40	178	4375283	81.356	ng	96
72) Anthracene	11.46	178	4402707	81.076	ng	96
73) Carbazole	11.61	167	4269582	89.086	ng	96
74) Di-n-butylphthalate	11.93	149	4752986	81.262	ng	# 95
75) Fluoranthene	12.59	202	4597013	80.544	ng	94
78) Pyrene	12.82	202	4750442	106.934	ng	95
80) Butylbenzylphthalate	13.43	149	2212360	115.450	ng	97
81) Benzo(a)anthracene	14.02	228	3723467	90.025	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	1390609	91.792	ng	98
83) Chrysene	14.05	228	3671254	91.053	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2676749	99.936	ng	# 98
85) Di-n-octyl phthalate	14.63	149	4202768	94.684	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	3804595	102.368	ng	99
88) Benzo(b)fluoranthene	15.08	252	3657849	94.745	ng	98
89) Benzo(k)fluoranthene	15.11	252	3203438	94.029	ng	98
90) Benzo(a)pyrene	15.44	252	3225261	95.021	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	2972135	104.189	ng	99
92) Benzo(g,h,i)perylene	17.43	276	3192234	113.572	ng	98

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



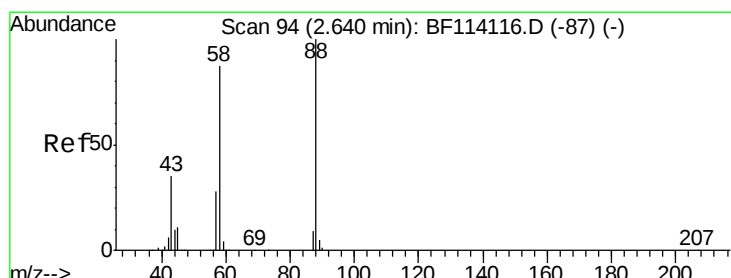
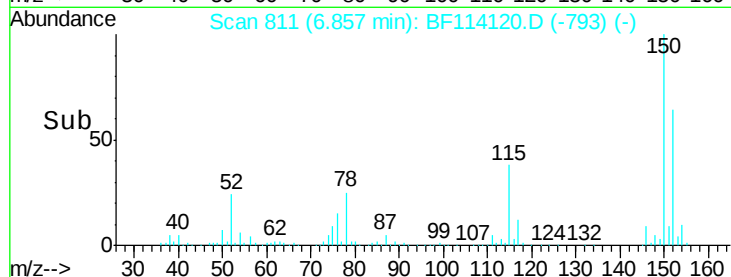
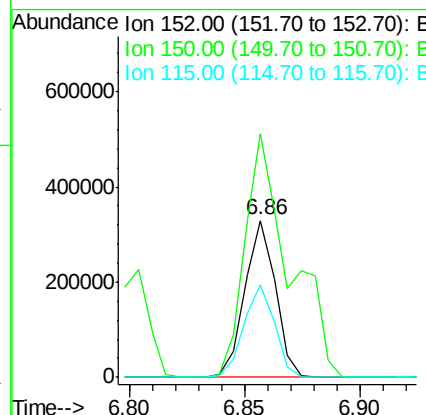
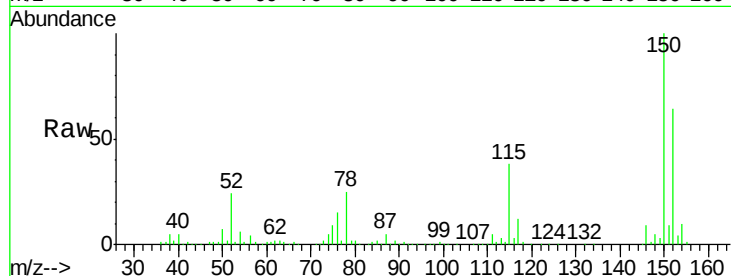
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	59.4	49.1	73.7

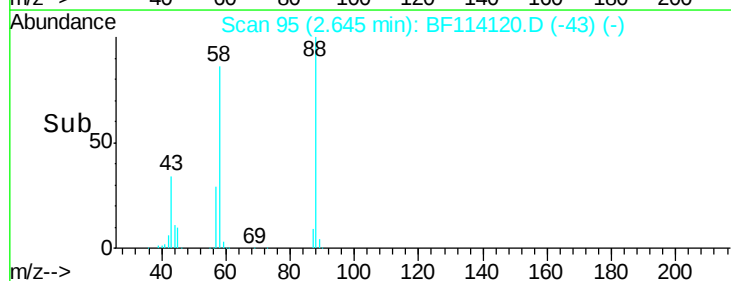
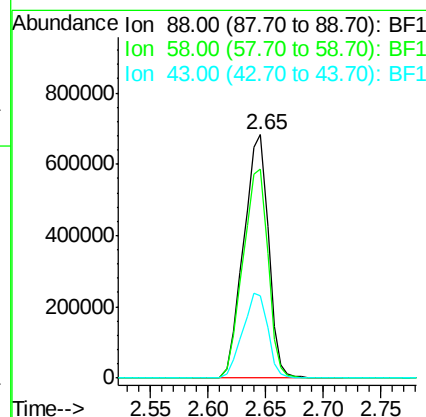
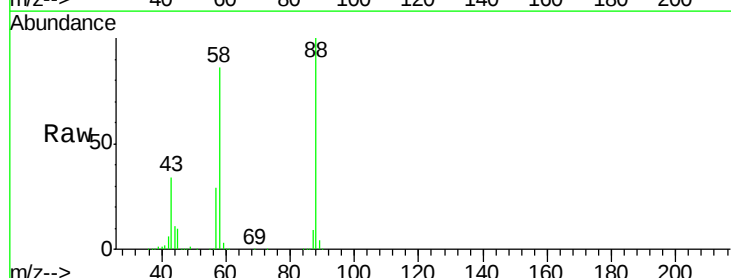
Manual Integrations
 APPROVED

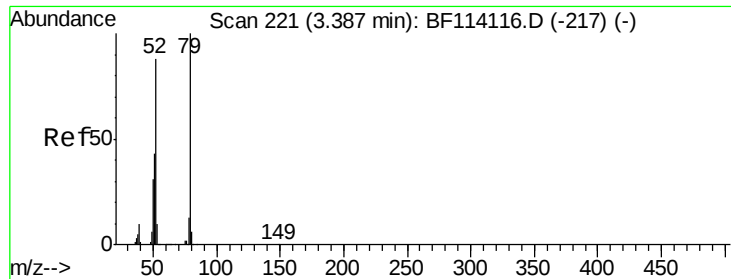
Sohil
 5/13/2019 8:34:19 PM



#2
 1,4-Dioxane
 Concen: 102.868 ng
 RT: 2.65 min Scan# 95
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	68.7	103.1
43	35.3	28.2	42.2





#3

Pyridine

Concen: 110.012 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion: 79 Resp: 2812264

Ion Ratio Lower Upper

79 100

52 88.8 70.6 105.8

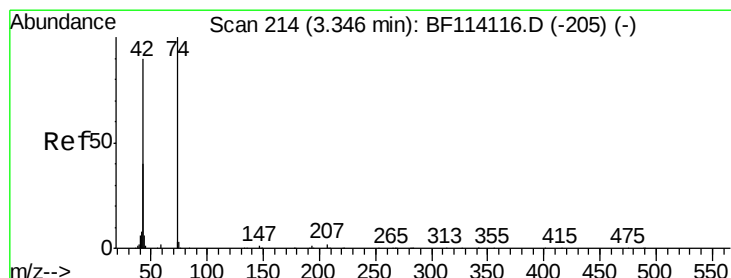
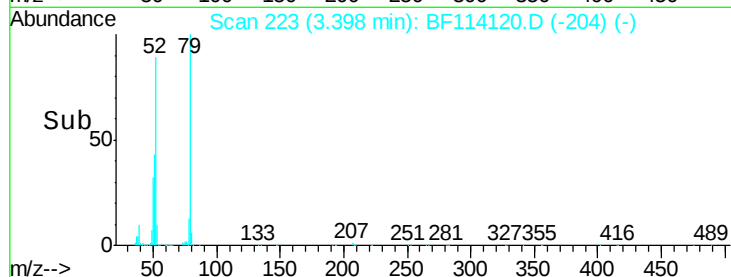
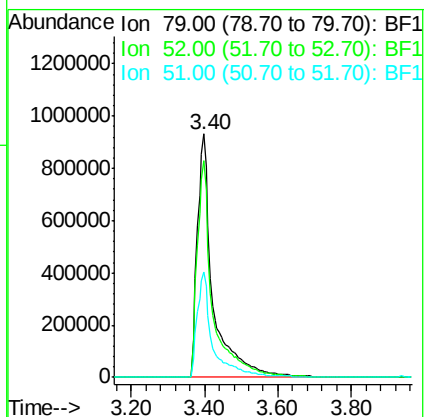
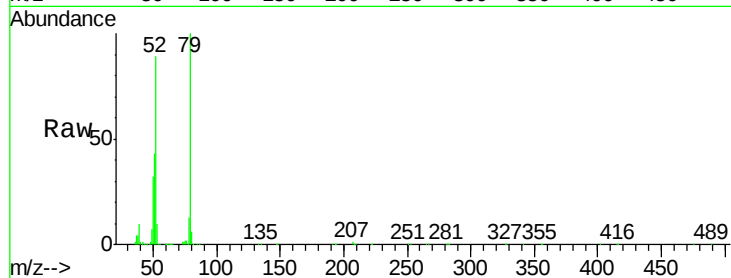
51 43.1 34.2 51.2

Manual Integrations

APPROVED

Sohil

5/13/2019 8:34:19 PM



#4

n-Nitrosodimethylamine

Concen: 158.593 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

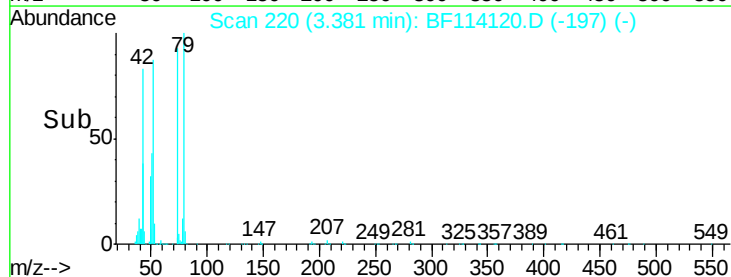
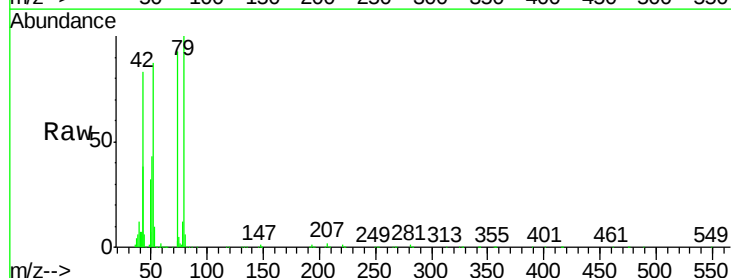
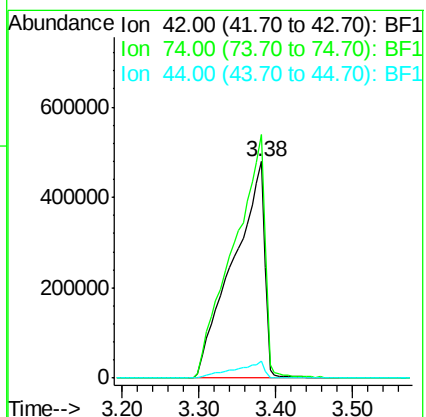
Tgt Ion: 42 Resp: 1368908

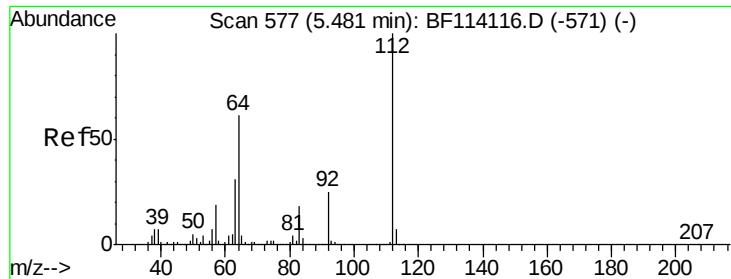
Ion Ratio Lower Upper

42 100

74 112.5 88.6 132.8

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 164.601 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion: 112 Resp: 3084286

Ion Ratio Lower Upper

112 100

64 69.9 49.0 73.6

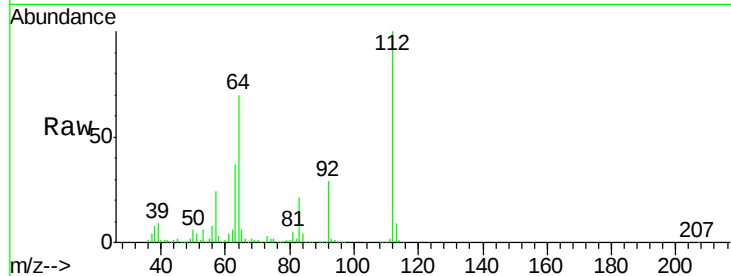
63 36.6 24.6 37.0

Manual Integrations

APPROVED

Sohil

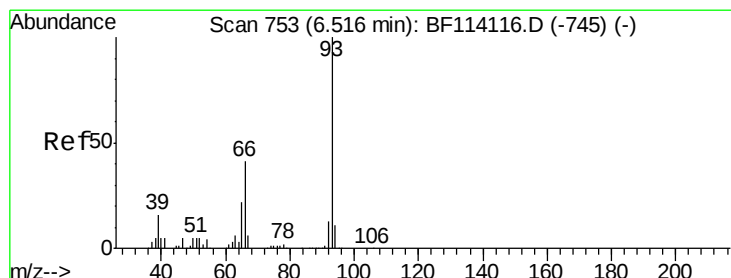
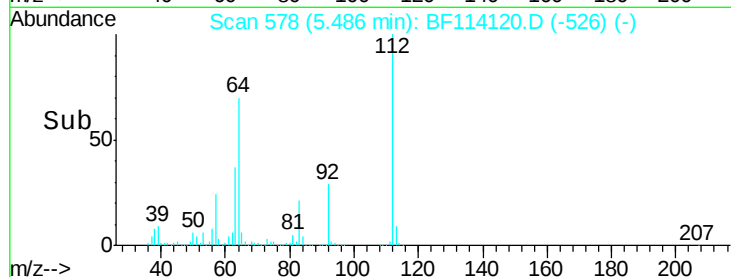
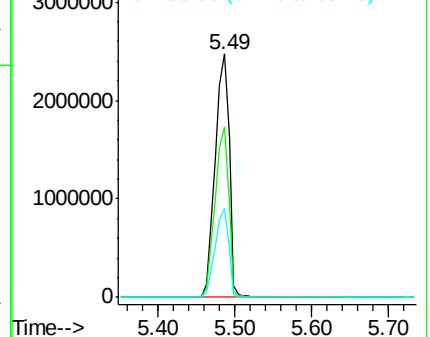
5/13/2019 8:34:19 PM



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: 91.748 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

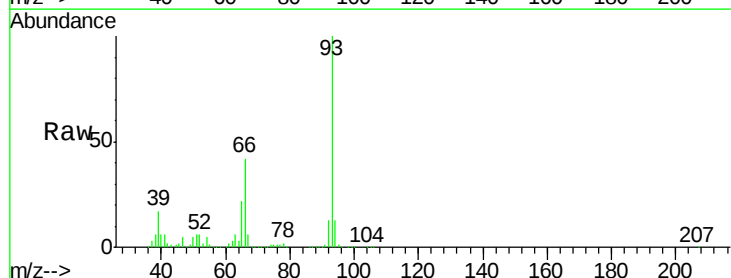
Tgt Ion: 93 Resp: 2895977

Ion Ratio Lower Upper

93 100

66 42.2 33.2 49.8

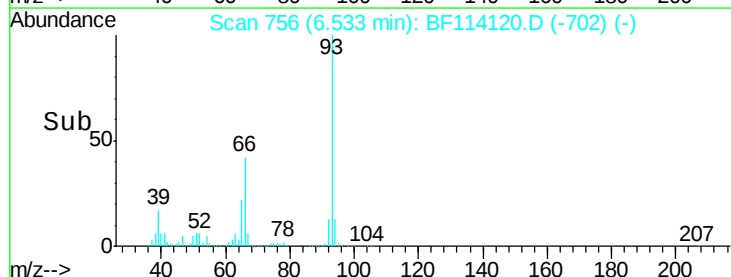
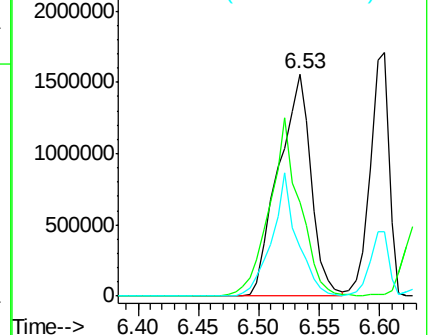
65 22.1 17.6 26.4

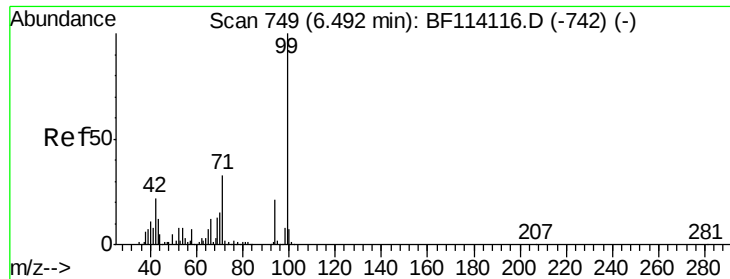


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 167.572 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion: 99 Resp: 3944036

Ion Ratio Lower Upper

99 100

42 25.1 17.9 26.9

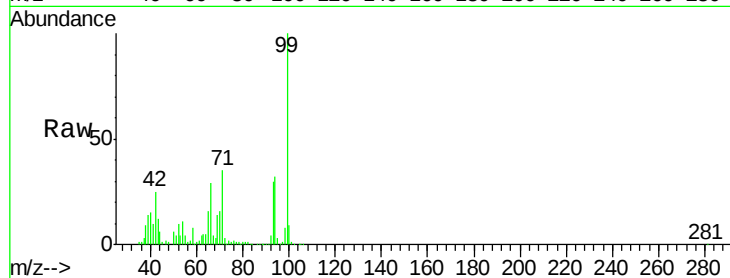
71 35.3 26.2 39.2

Manual Integrations

APPROVED

Sohil

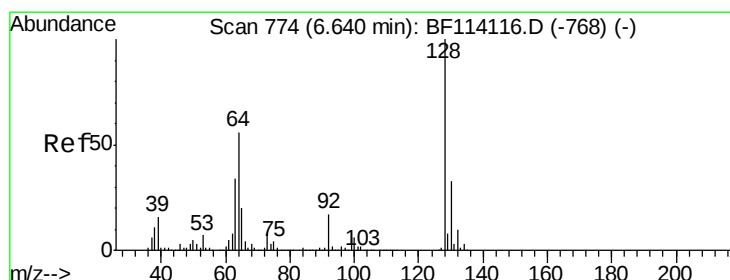
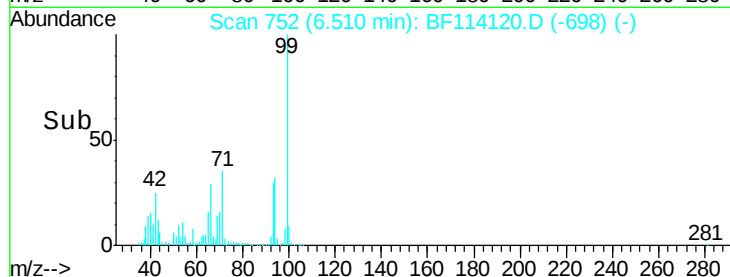
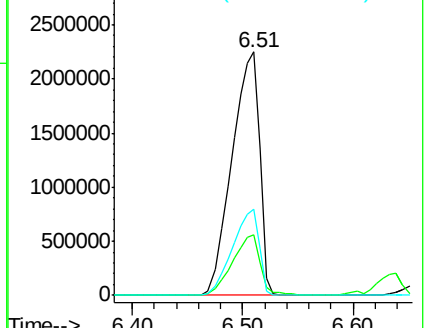
5/13/2019 8:34:19 PM



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: 83.682 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

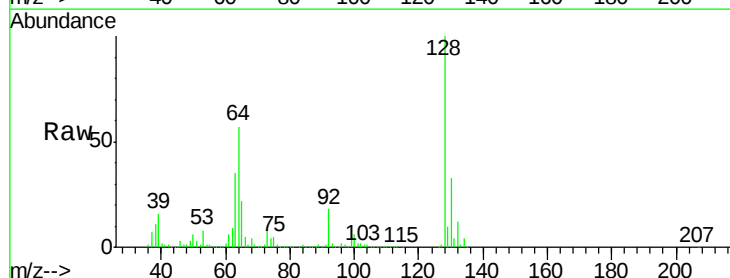
Tgt Ion: 128 Resp: 1780672

Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

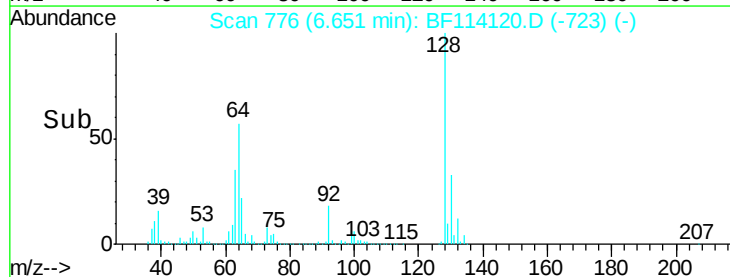
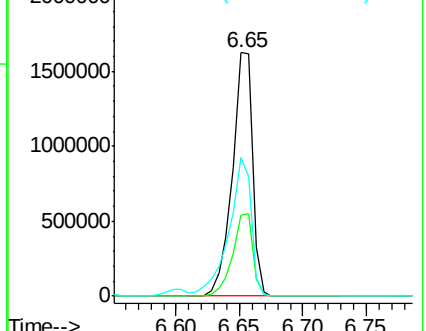
64 57.2 35.9 75.9

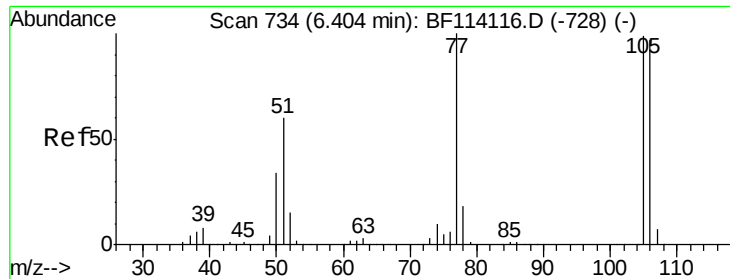


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





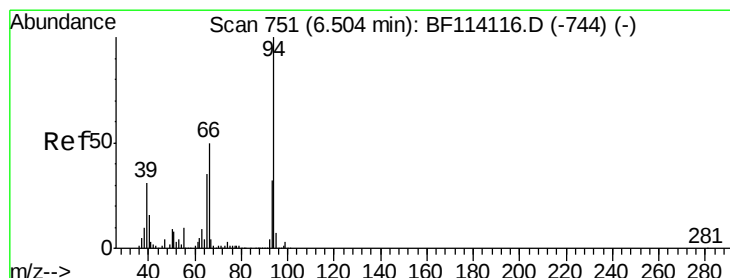
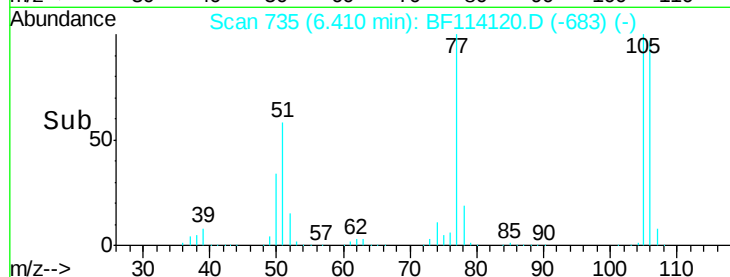
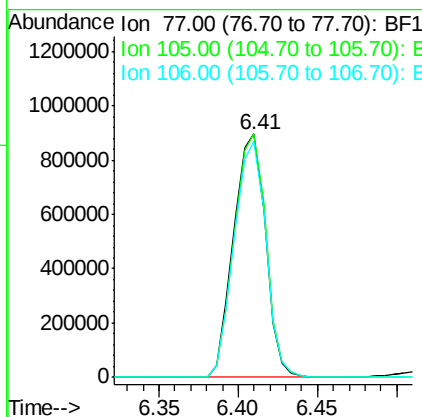
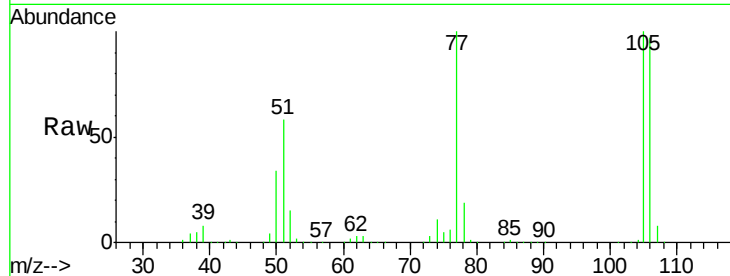
#9
Benzaldehyde
Concen: 97.245 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion: 77 Resp: 1256535
Ion Ratio Lower Upper
77 100
105 99.8 79.3 119.3
106 97.1 77.0 117.0

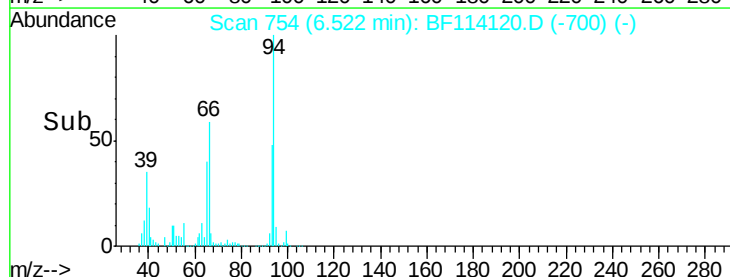
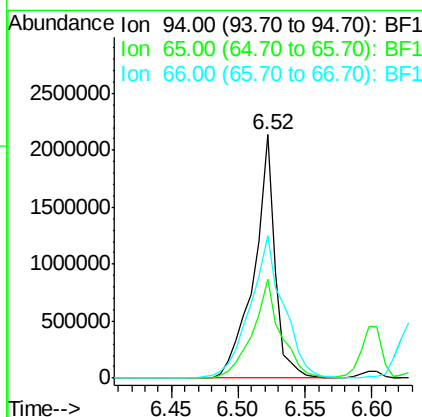
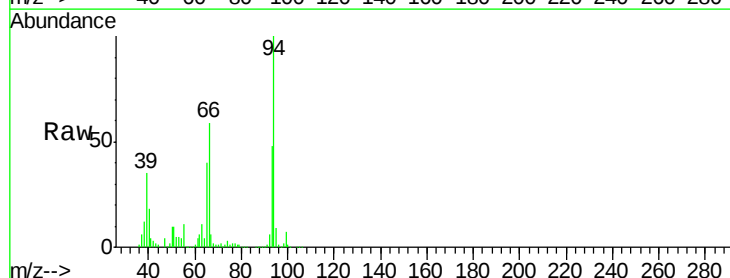
Manual Integrations
APPROVED

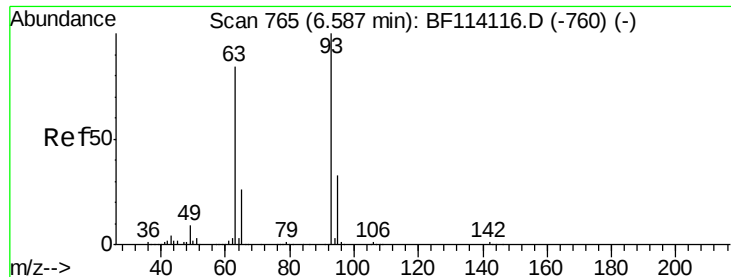
Sohil
5/13/2019 8:34:19 PM



#10
Phenol
Concen: 84.263 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.02 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion: 94 Resp: 2311384
Ion Ratio Lower Upper
94 100
65 40.4 14.7 54.7
66 58.6 29.6 69.6





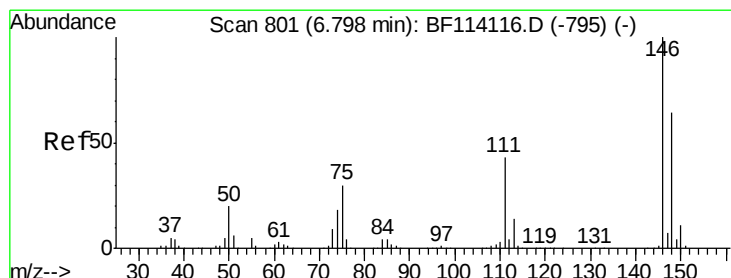
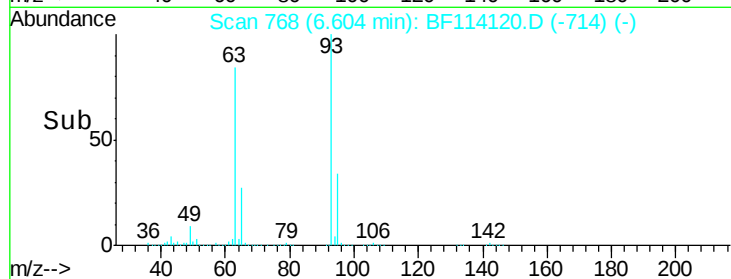
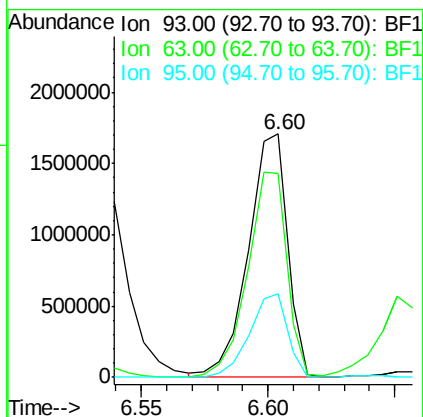
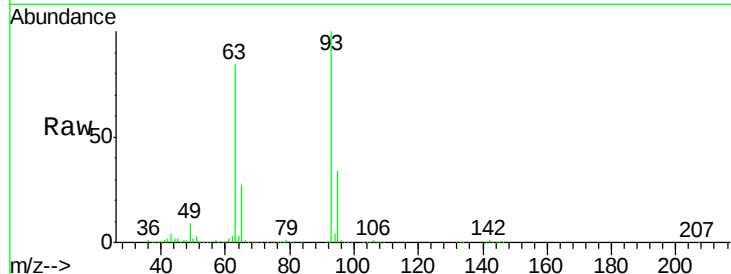
#11
bis(2-Chloroethyl)ether
Concen: 86.387 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.02 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion: 93 Resp: 1839590
Ion Ratio Lower Upper
93 100
63 83.7 63.6 103.6
95 34.1 13.1 53.1

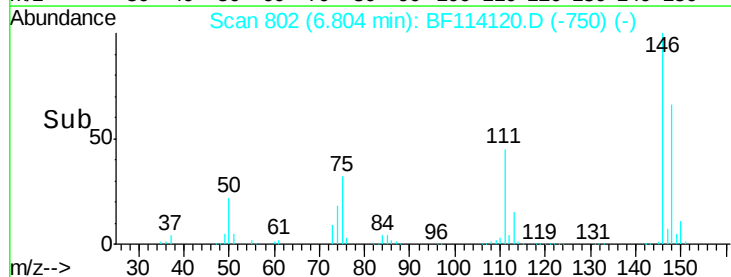
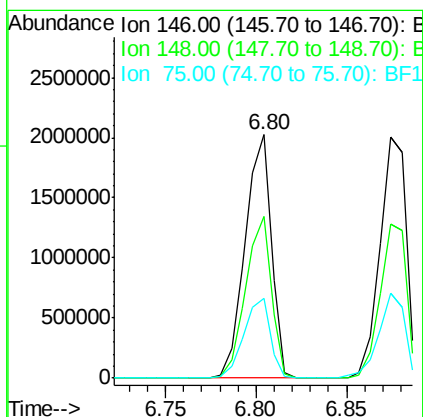
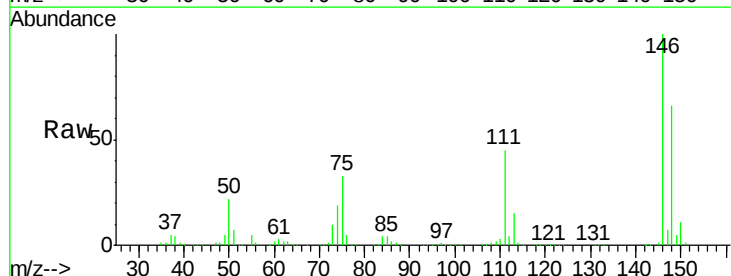
Manual Integrations
APPROVED

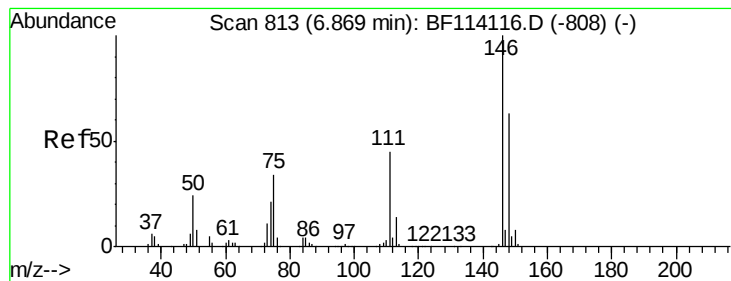
Sohil
5/13/2019 8:34:19 PM



#12
1,3-Dichlorobenzene
Concen: 87.136 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion: 146 Resp: 2042791
Ion Ratio Lower Upper
146 100
148 66.3 51.6 77.4
75 32.6 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 86.045 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampled :

SSTDICC100

Tgt Ion:146 Resp: 2025634

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

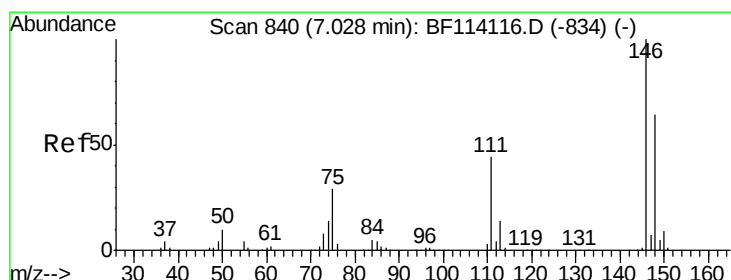
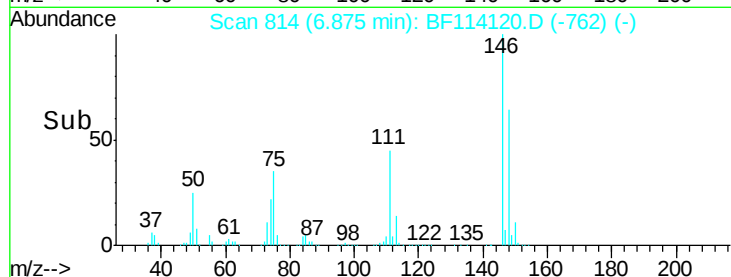
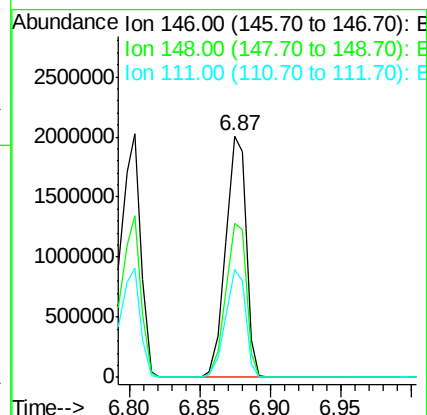
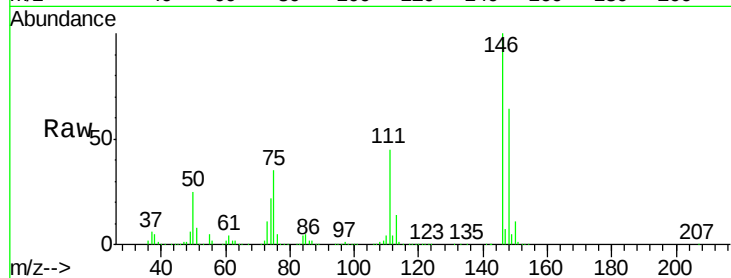
111 44.6 35.8 53.6

Manual Integrations

APPROVED

Sohil

5/13/2019 8:34:19 PM



#14

1,2-Dichlorobenzene

Concen: 84.883 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

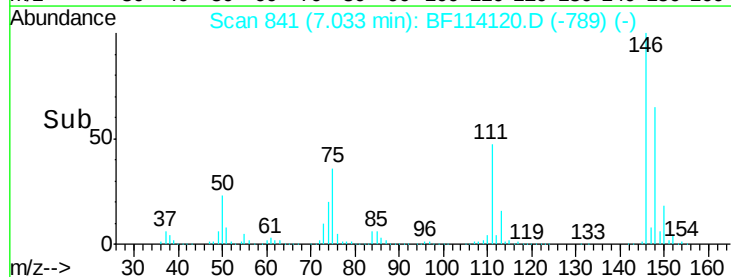
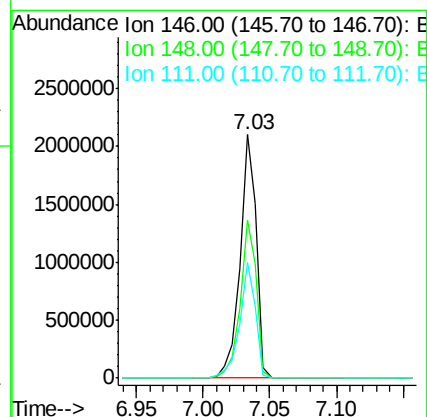
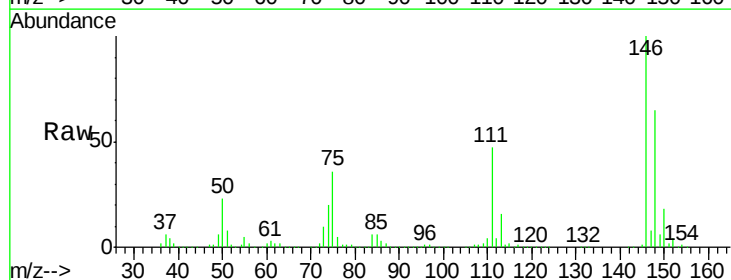
Tgt Ion:146 Resp: 1787255

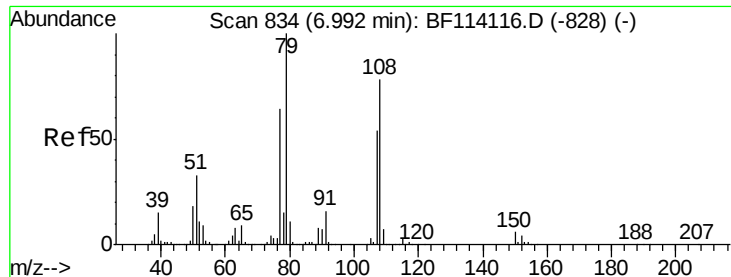
Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

111 47.3 35.3 52.9





#15

Benzyl Alcohol

Concen: 89.155 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampled :

SSTDICC100

Tgt Ion: 79 Resp: 1567472

Ion Ratio Lower Upper

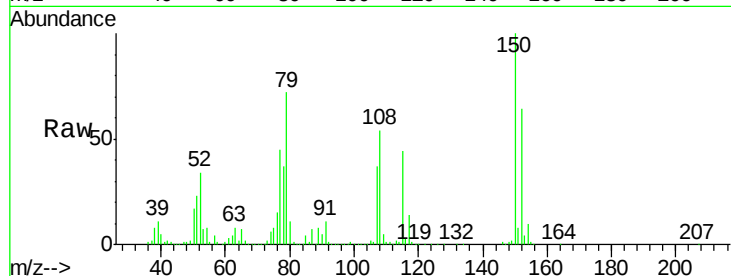
79 100

108 75.0 62.1 93.1

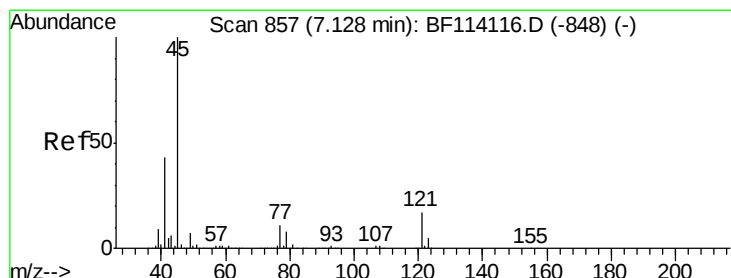
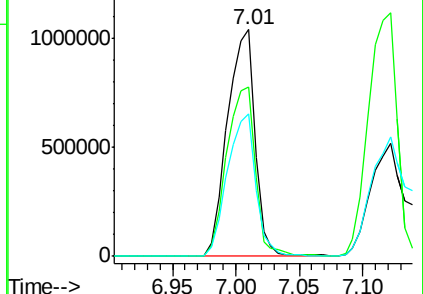
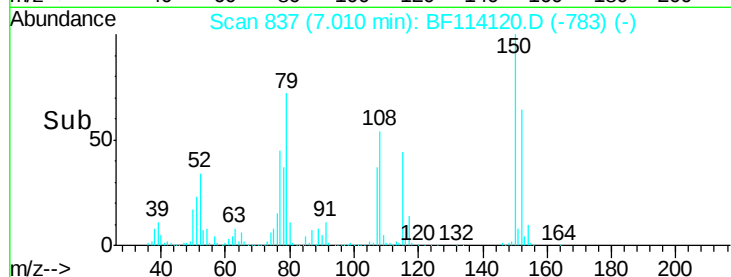
77 62.6 51.0 76.6

Manual Integrations
APPROVED

Sohil
5/13/2019 8:34:19 PM



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 161.498 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

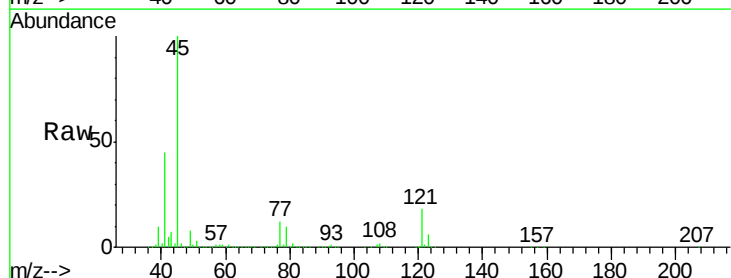
Tgt Ion: 45 Resp: 3462534

Ion Ratio Lower Upper

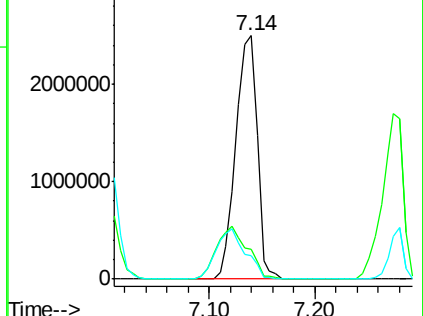
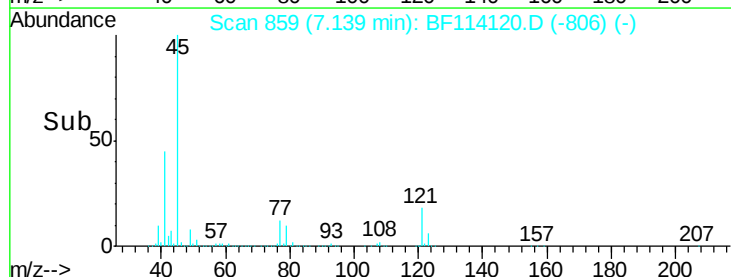
45 100

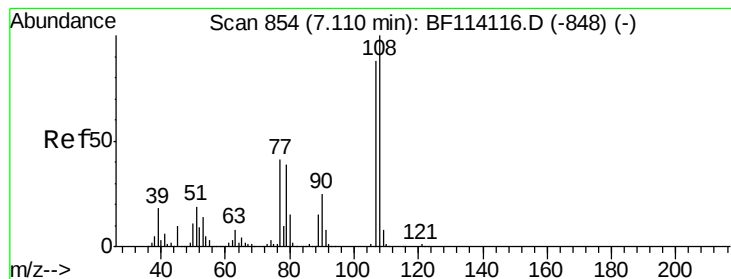
77 12.0 0.0 31.1

79 9.6 0.0 28.4



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





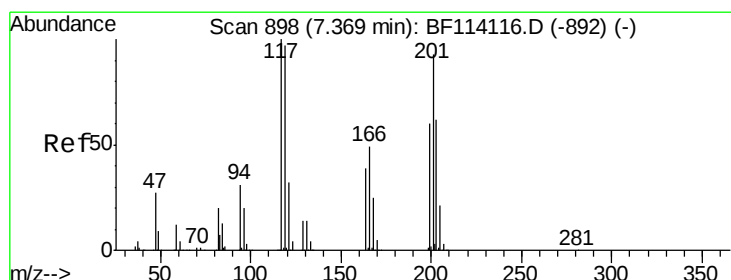
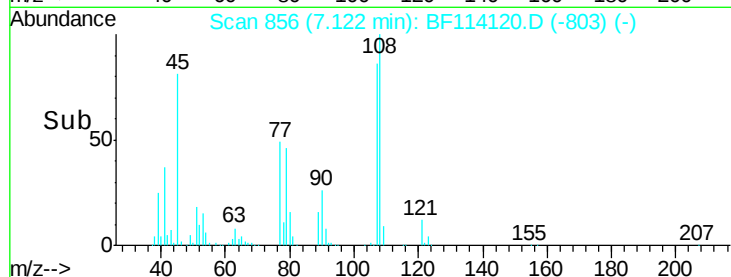
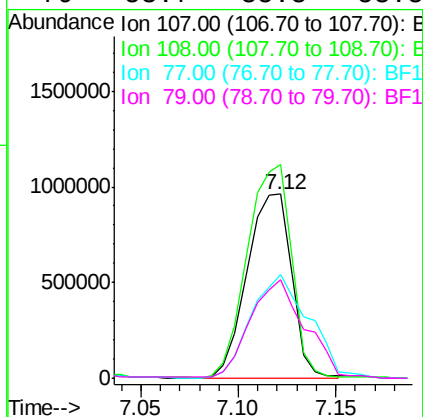
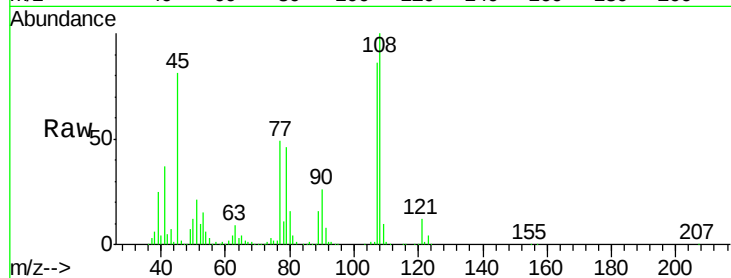
#17
2-Methylphenol
Concen: 94.470 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.0	90.5	135.7
77	56.7	37.0	55.4
79	53.7	35.8	53.8

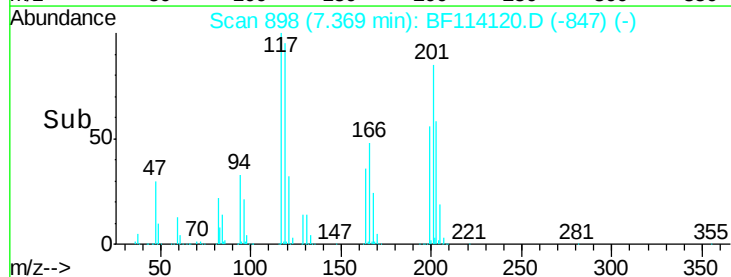
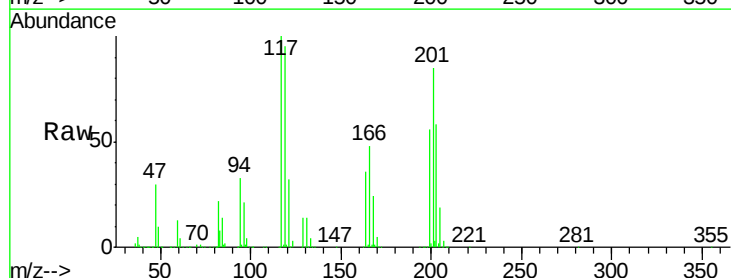
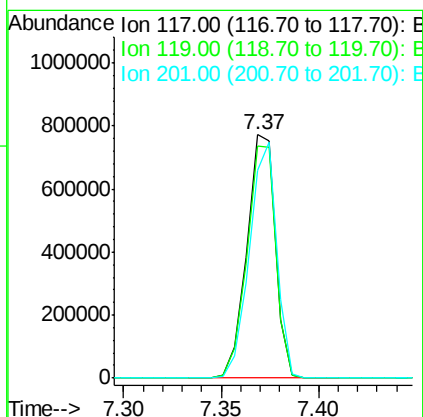
Manual Integrations
APPROVED

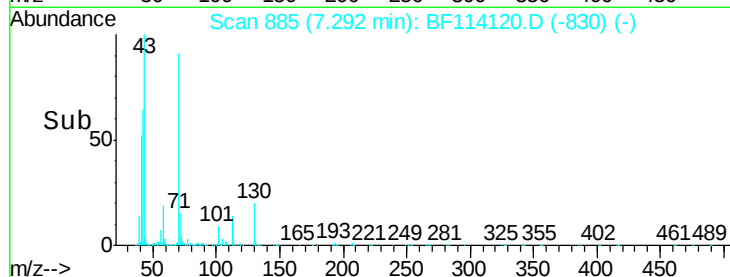
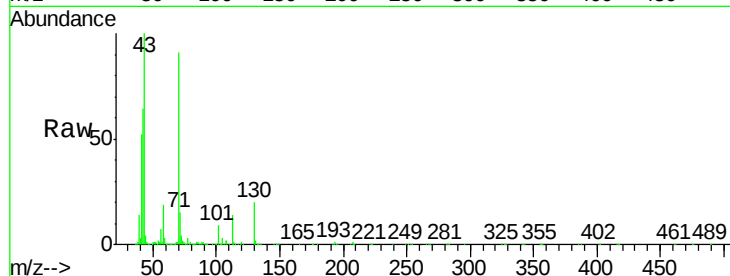
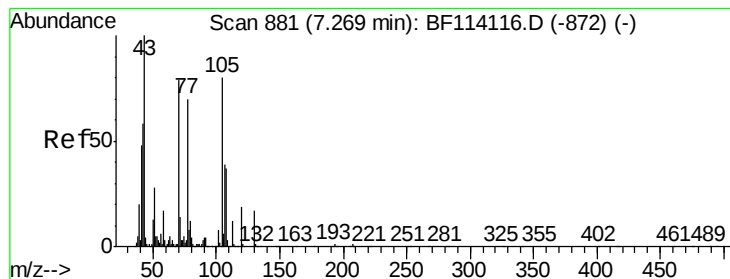
Sohil
5/13/2019 8:34:19 PM



#18
Hexachloroethane
Concen: 97.093 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.2
201	85.3	74.5	111.7





#19

n-Nitroso-di-n-propylamine

Concen: 93.504 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.02 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion: 70 Resp: 1332594

Ion Ratio Lower Upper

70 100

42 70.7 58.6 87.8

101 9.5 7.8 11.8

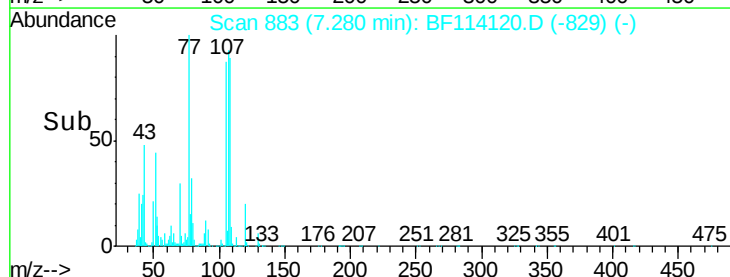
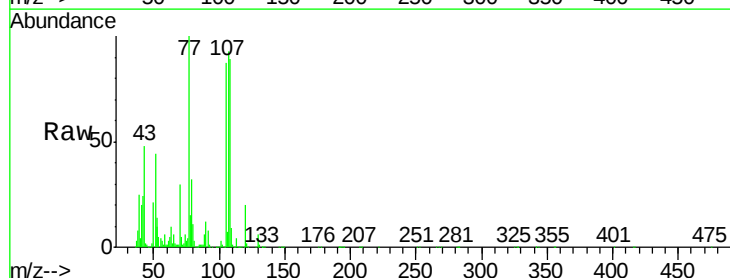
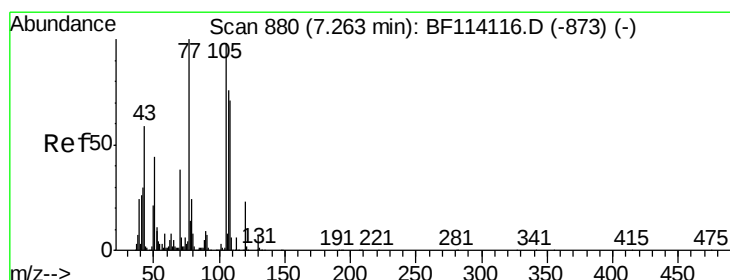
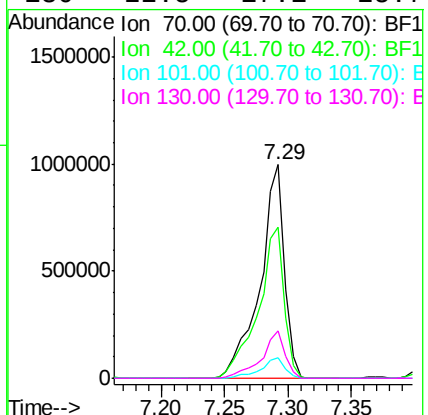
130 22.5 17.1 25.7

Manual Integrations

APPROVED

Sohil

5/13/2019 8:34:19 PM



#20

3+4-Methylphenols

Concen: 81.047 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.02 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Tgt Ion: 107 Resp: 1591099

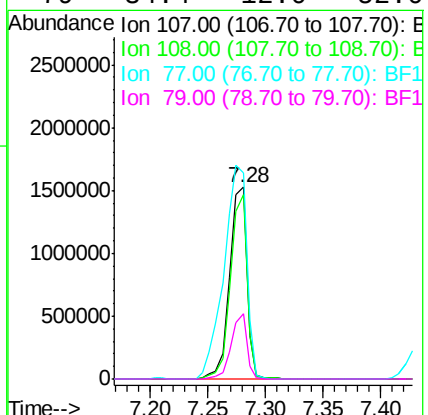
Ion Ratio Lower Upper

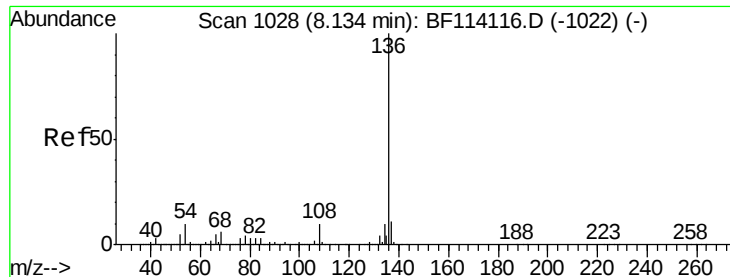
107 100

108 96.5 73.8 113.8

77 107.9 111.5 151.5#

79 34.4 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

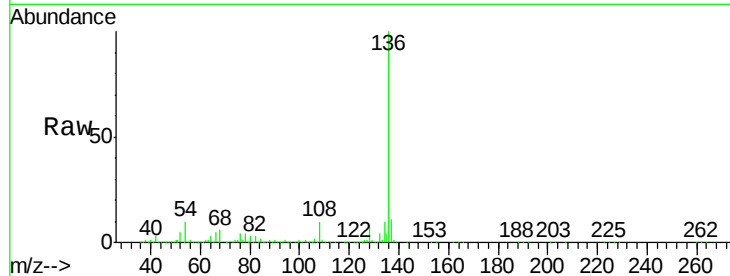
ClientSampleId :

SSTDICC100

Tgt	Ion	Ratio	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	9.9	7.8	11.8	
68	6.1	5.1	7.7	

Manual Integrations
APPROVED

Sohil
5/13/2019 8:34:19 PM

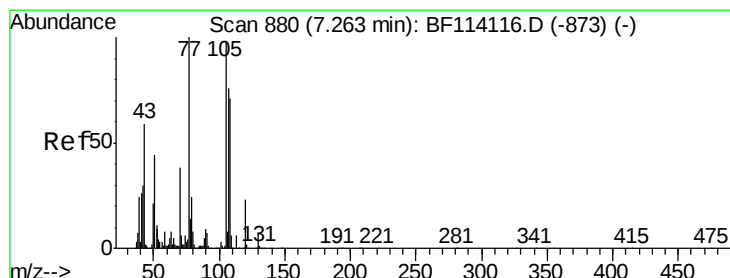
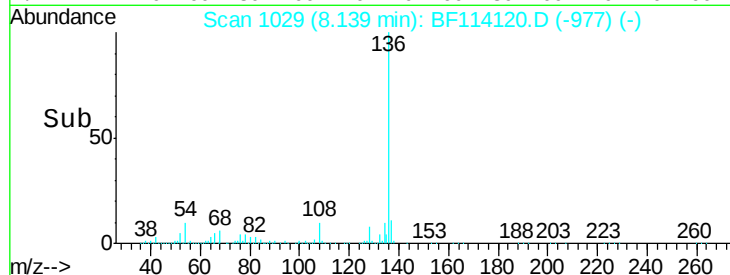
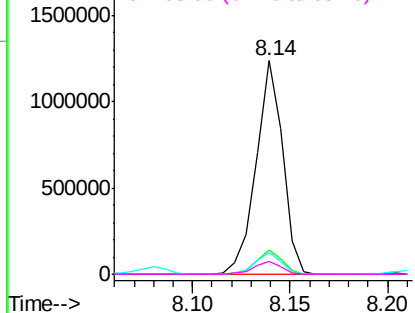


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.196 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

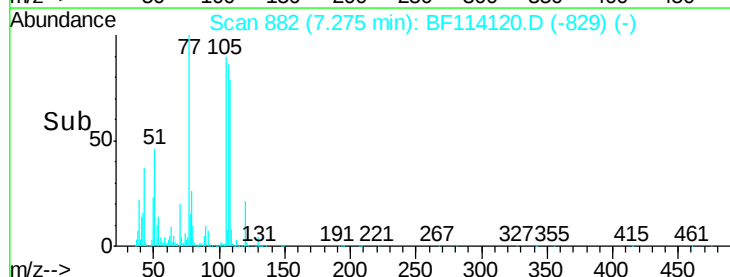
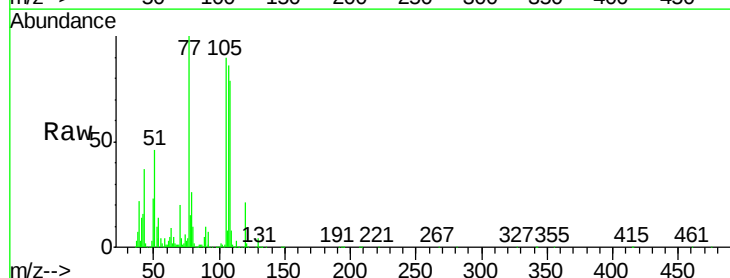
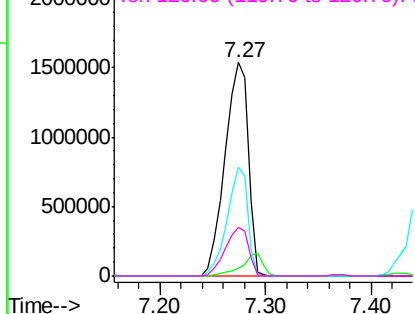
Tgt	Ion	Ratio	Lower	Upper
105	100			
71	3.9	5.3	7.9#	
51	50.8	36.2	54.4	
120	22.9	18.6	28.0	

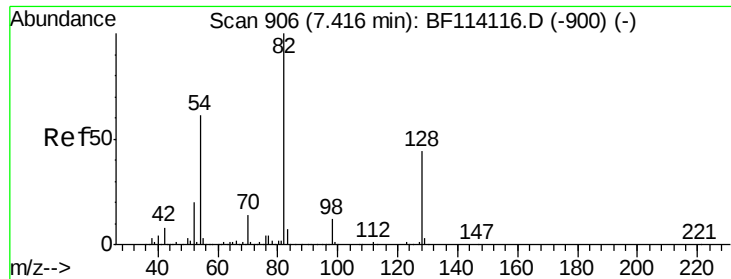
Abundance Ion 105.00 (104.70 to 105.70): E

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





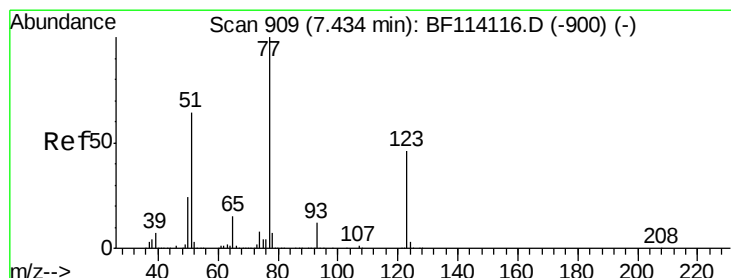
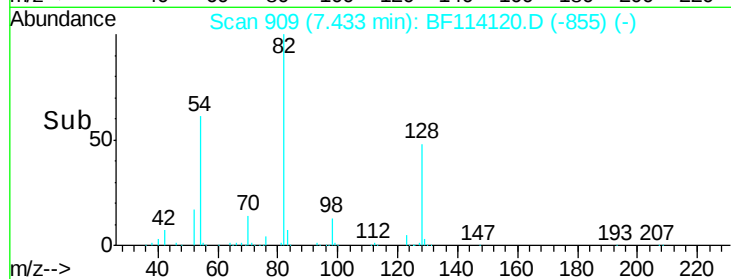
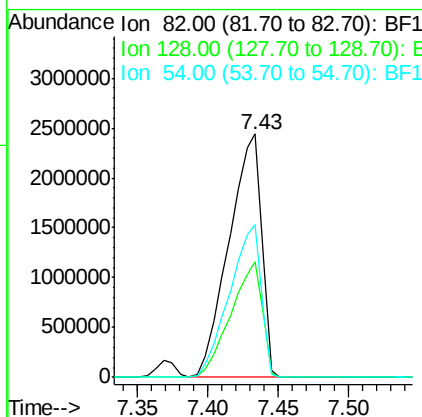
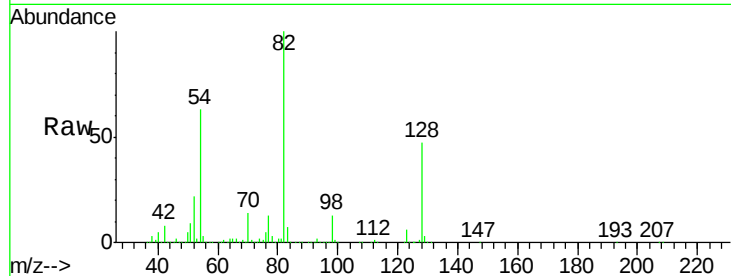
#23
 Nitrobenzene-d5
 Concen: 183.906 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.02 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tgt Ion: 82 Resp: 3910191
 Ion Ratio Lower Upper
 82 100
 128 47.4 35.5 53.3
 54 62.8 48.5 72.7

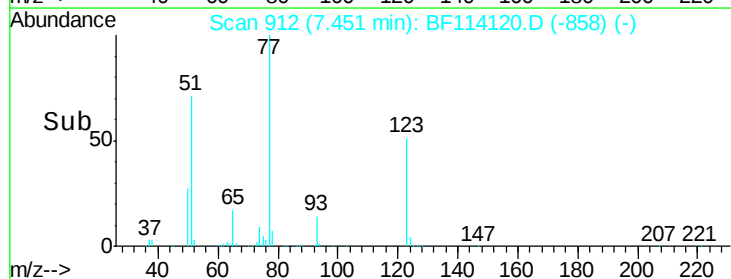
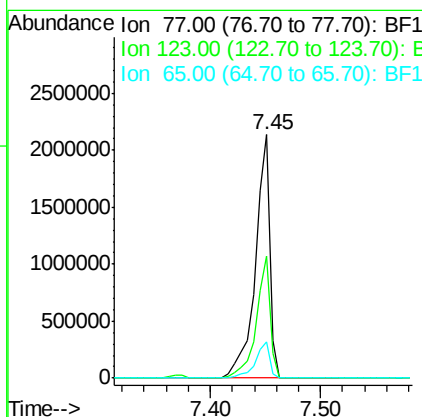
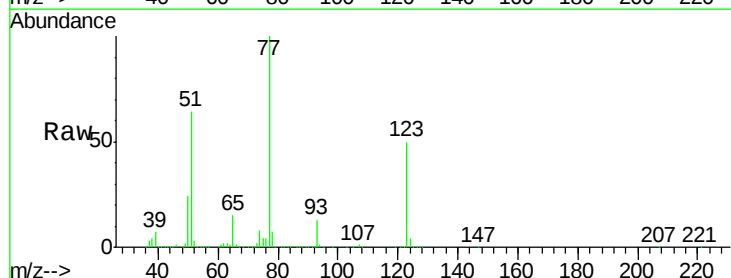
Manual Integrations
 APPROVED

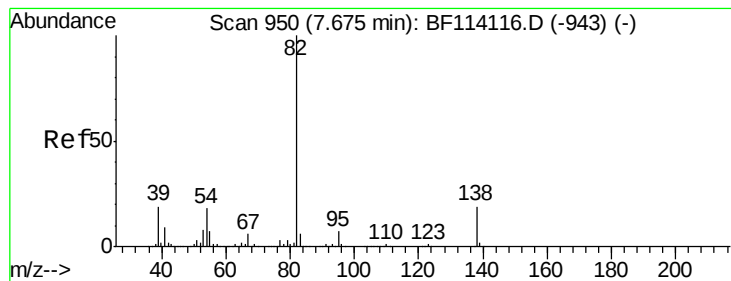
Sohil
 5/13/2019 8:34:19 PM



#24
 Nitrobenzene
 Concen: 87.477 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.02 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Tgt Ion: 77 Resp: 1970655
 Ion Ratio Lower Upper
 77 100
 123 50.0 36.9 55.3
 65 15.1 11.8 17.6





#25

Isophorone

Concen: 90.270 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.02 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion: 82 Resp: 3737360

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

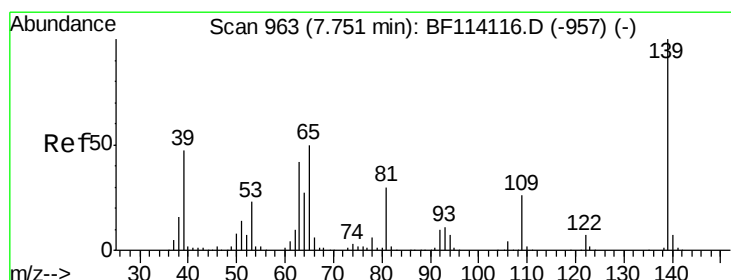
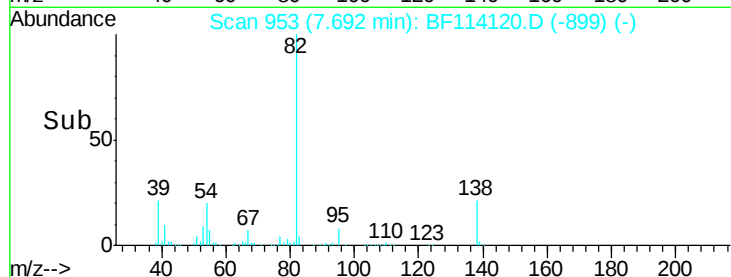
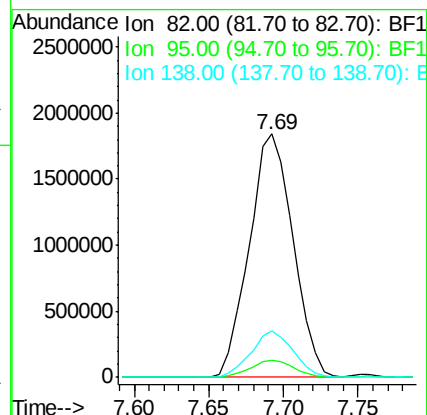
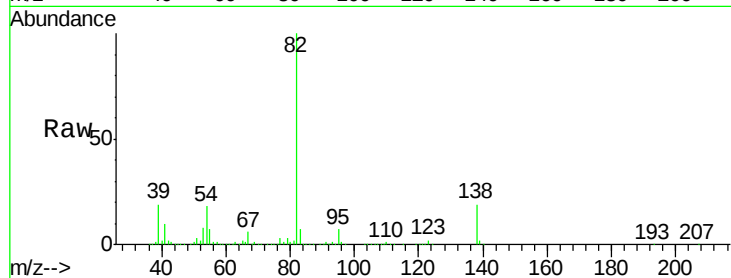
138 19.0 14.8 22.2

Manual Integrations

APPROVED

Sohil

5/13/2019 8:34:19 PM



#26

2-Nitrophenol

Concen: 87.546 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

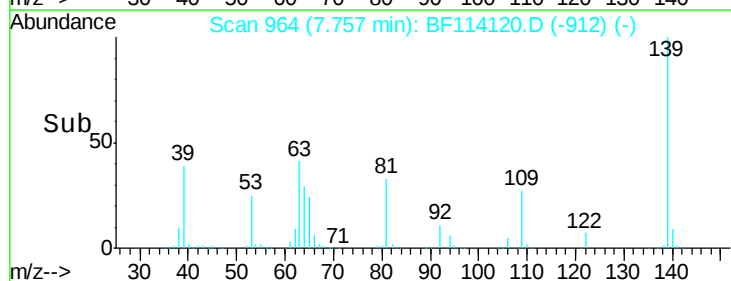
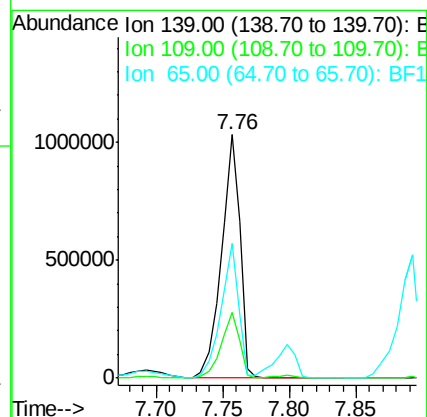
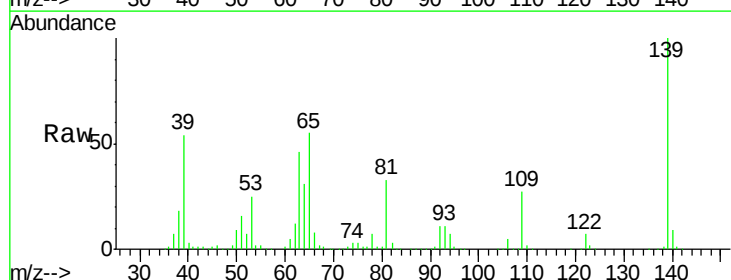
Tgt Ion: 139 Resp: 1010718

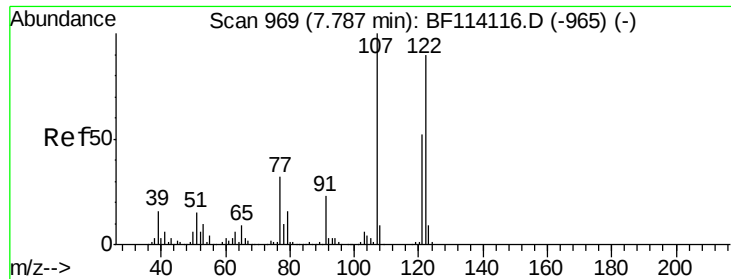
Ion Ratio Lower Upper

139 100

109 27.1 20.7 31.1

65 55.4 40.2 60.2





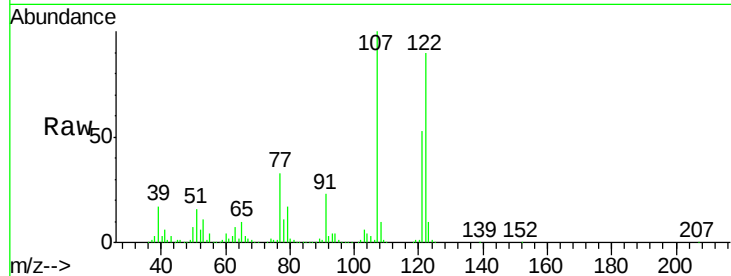
#27
2,4-Dimethylphenol
Concen: 96.717 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.4	132.6
121	58.6	45.9	68.9

Manual Integrations
APPROVED

Sohil
5/13/2019 8:34:19 PM

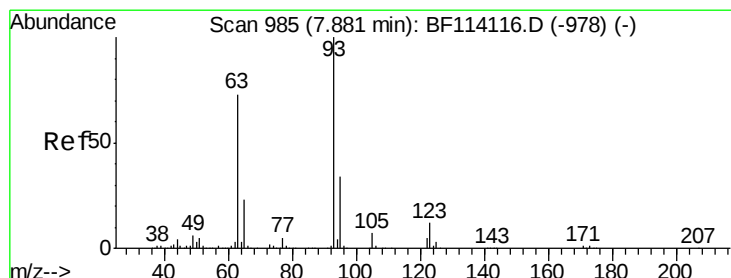
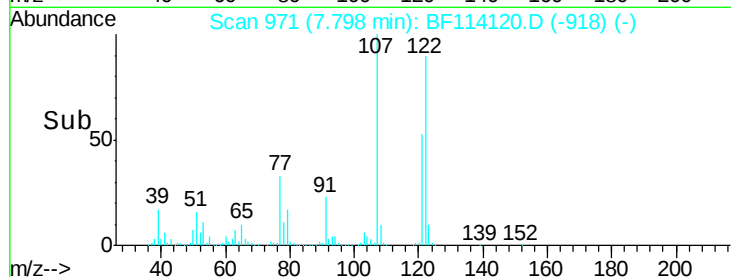
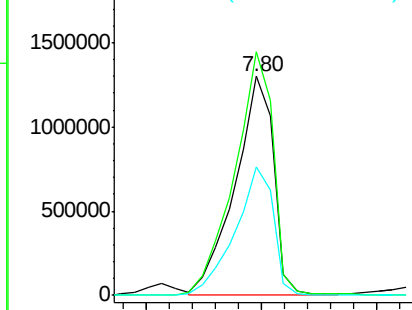


Abundance

Ion 122.00 (121.70 to 122.70): E

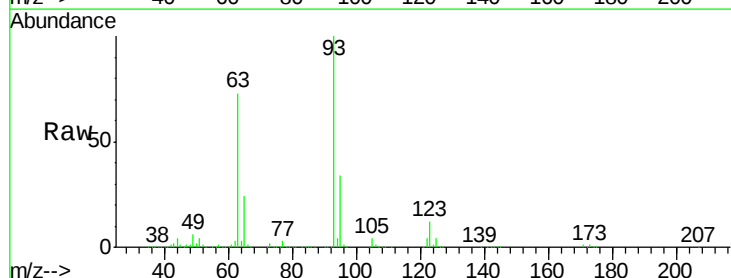
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 90.634 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.8	40.2
123	12.2	9.5	14.3

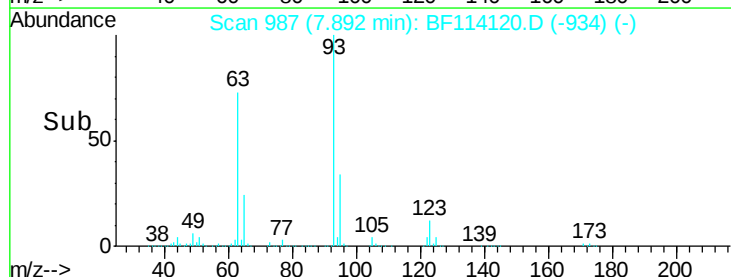
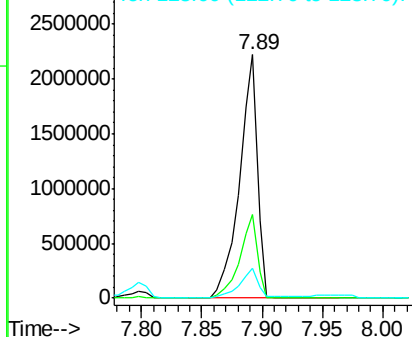


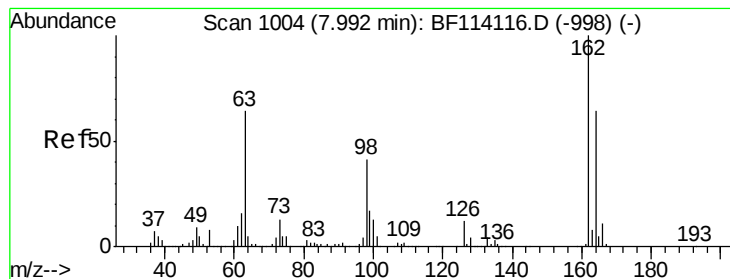
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 82.246 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:162 Resp: 1483883

Ion Ratio Lower Upper

162 100

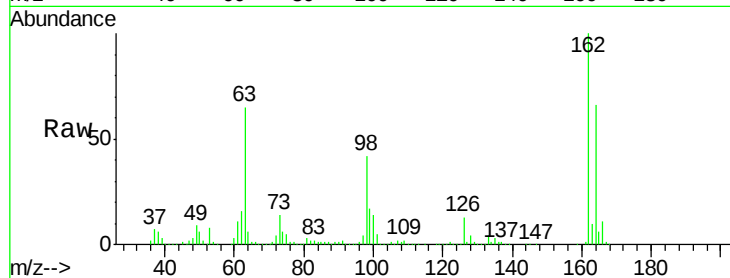
164 65.7 43.6 83.6

98 41.7 20.6 60.6

Manual Integrations
APPROVED

Sohil

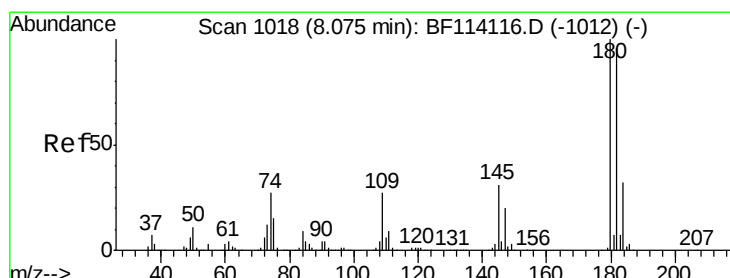
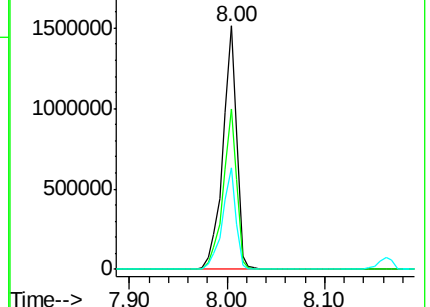
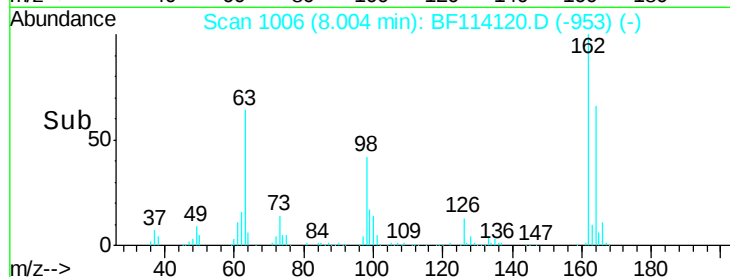
5/13/2019 8:34:19 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 81.887 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

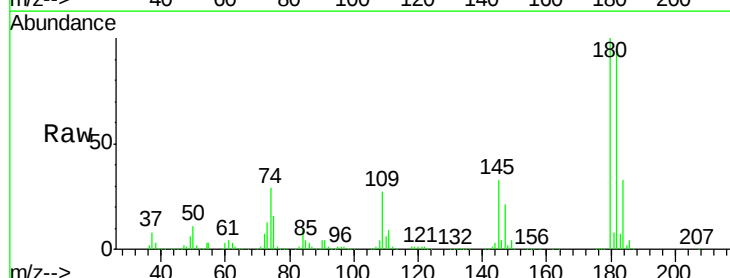
Tgt Ion:180 Resp: 1662946

Ion Ratio Lower Upper

180 100

182 95.4 76.6 114.8

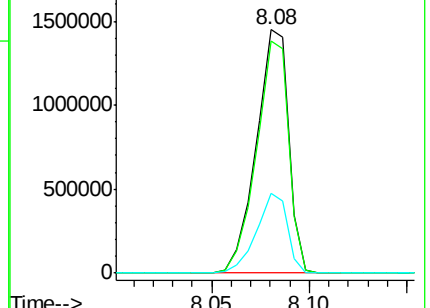
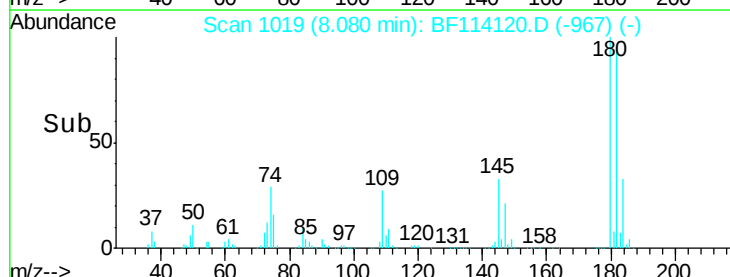
145 32.8 25.1 37.7

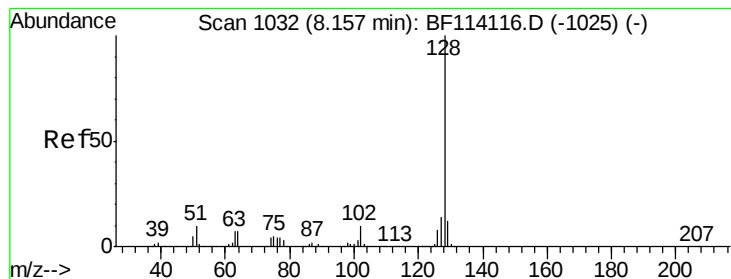


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 82.757 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:128 Resp: 4683482

Ion Ratio Lower Upper

128 100

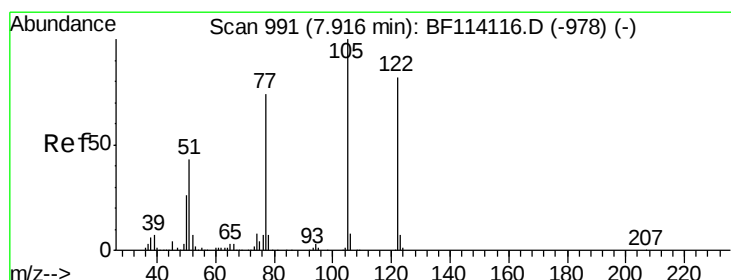
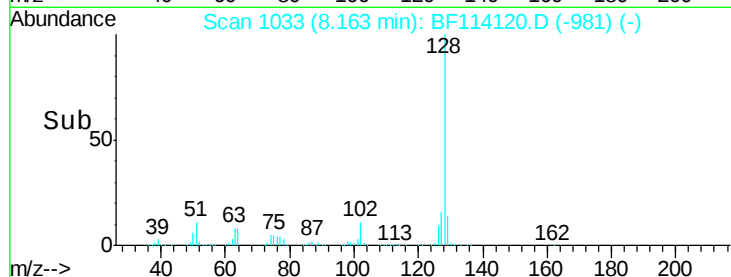
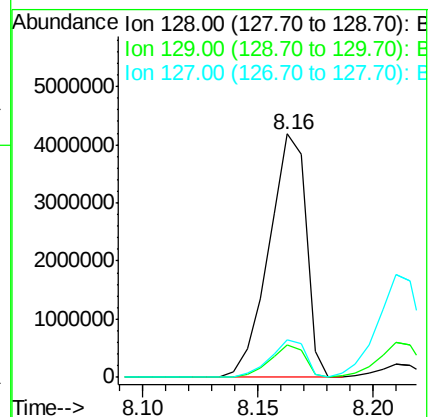
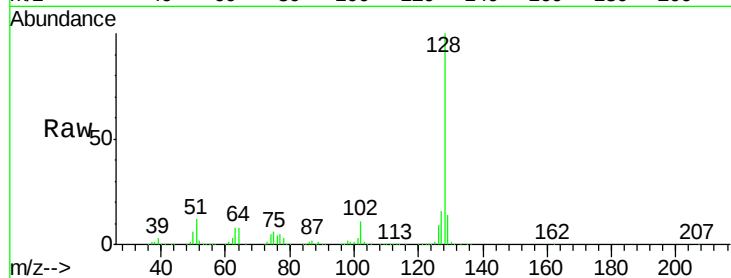
129 13.5 9.6 14.4

127 15.6 11.3 16.9

Manual Integrations
APPROVED

Sohil

5/13/2019 8:34:19 PM



#32

Benzoic acid

Concen: 113.973 ng m

RT: 7.97 min Scan# 1001

Delta R.T. 0.06 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

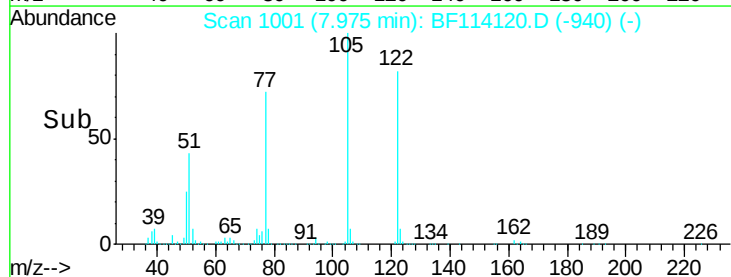
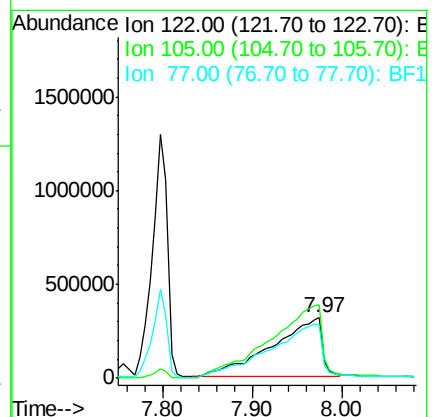
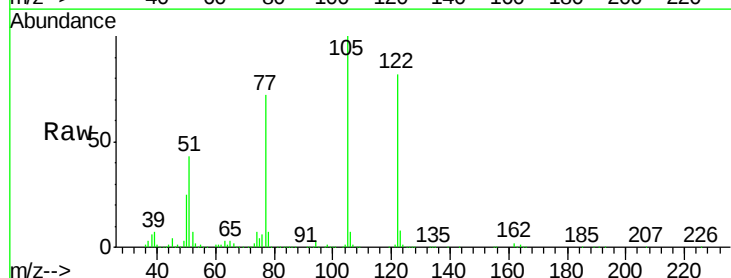
Tgt Ion:122 Resp: 1229407

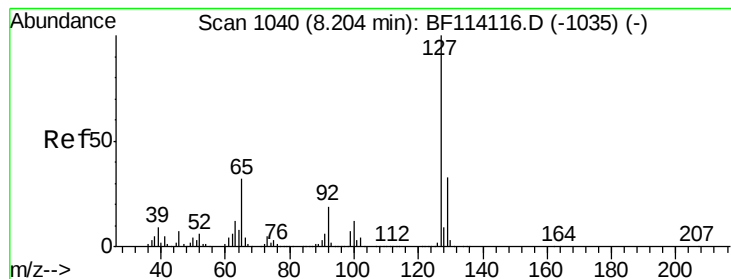
Ion Ratio Lower Upper

122 100

105 122.5 99.9 139.9

77 87.9 69.4 109.4





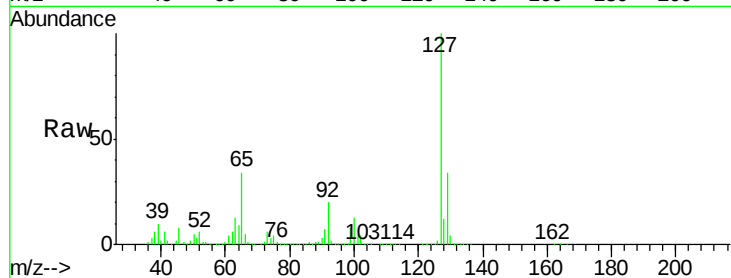
#33
 4-Chloroaniline
 Concen: 96.476 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

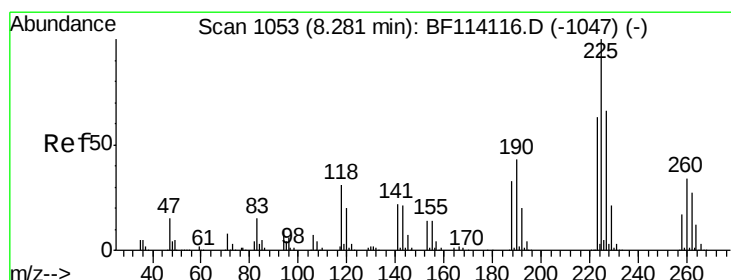
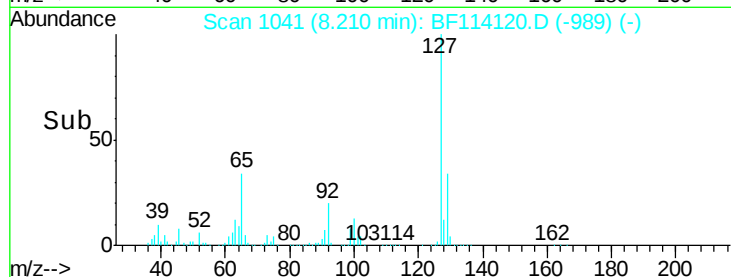
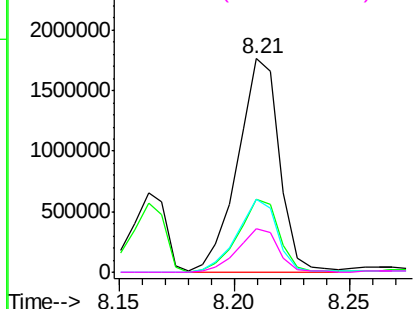
Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.7	40.1
65	34.3	25.4	38.0
92	20.4	15.4	23.2

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:34:19 PM



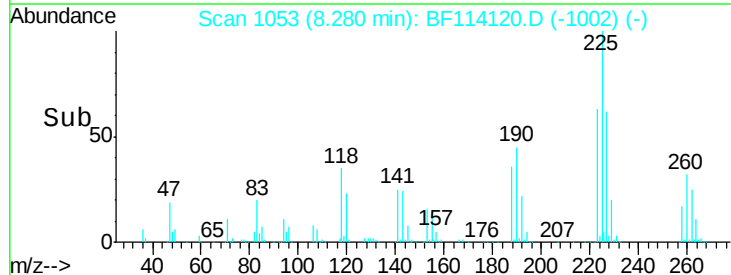
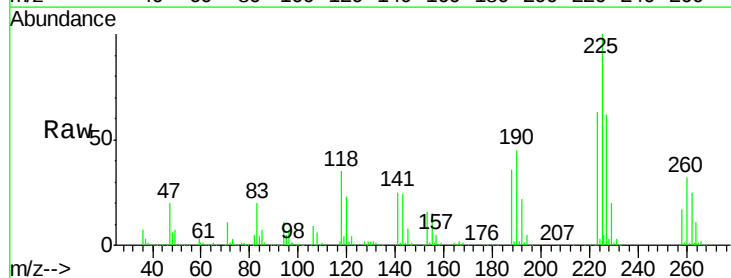
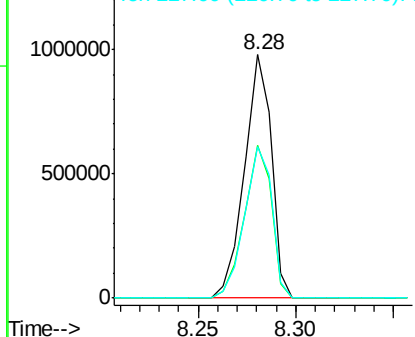
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

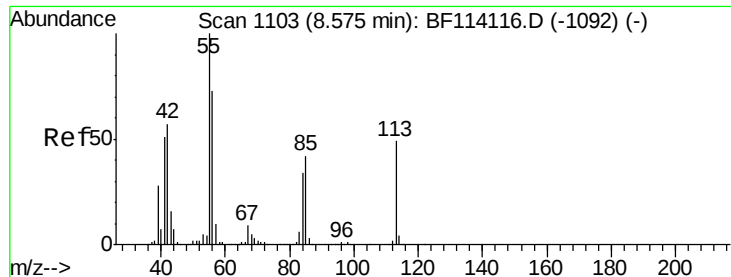


#34
 Hexachlorobutadiene
 Concen: 75.041 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	62.5	52.6	79.0

Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





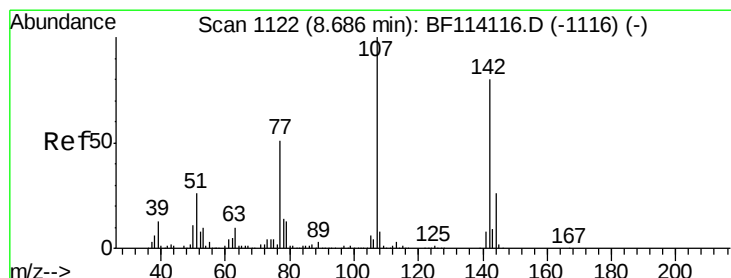
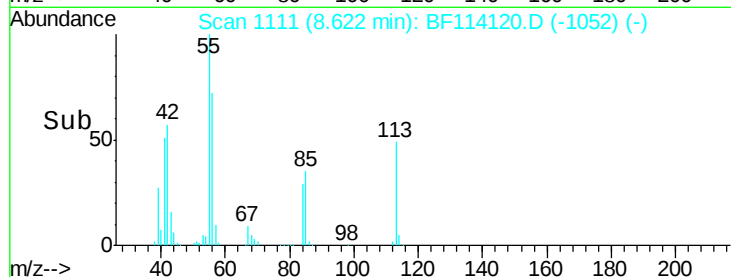
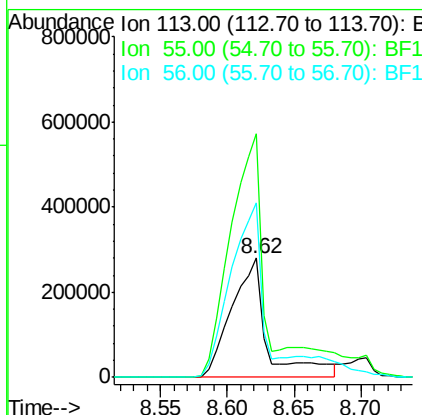
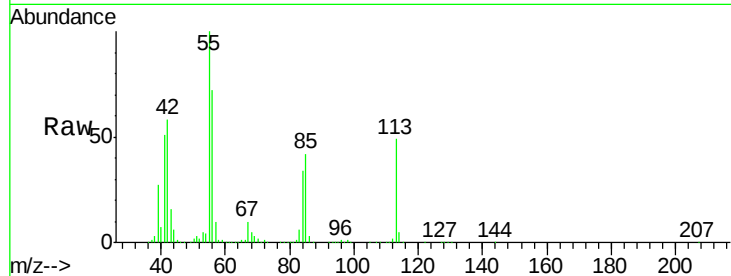
#35
 Caprolactam
 Concen: 98.229 ng m
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.05 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tgt Ion	Ratio	Lower	Upper
113	100		
55	204.0	183.5	223.5
56	146.3	128.8	168.8

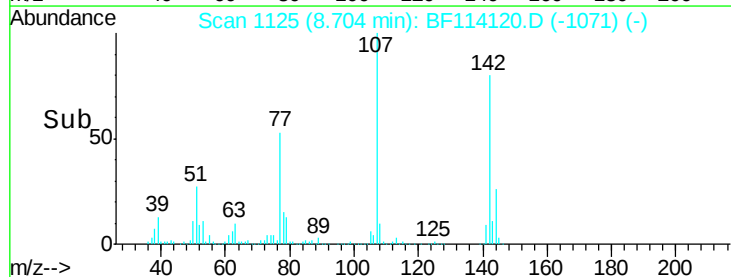
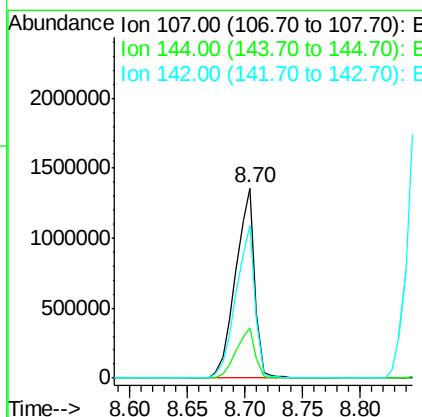
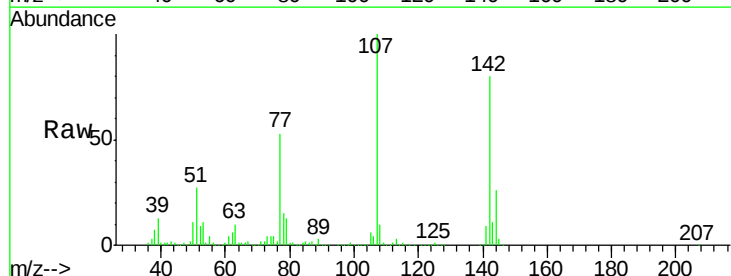
Manual Integrations
 APPROVED

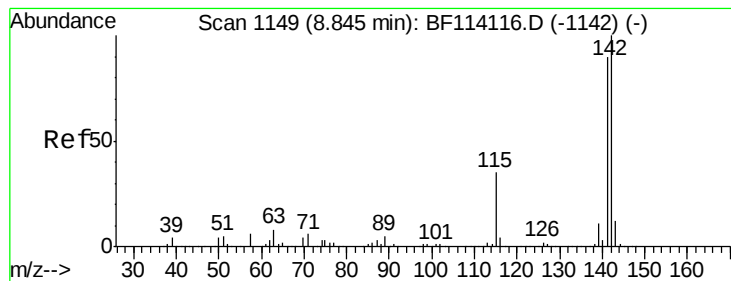
Sohil
 5/13/2019 8:34:19 PM



#36
 4-Chloro-3-methylphenol
 Concen: 88.236 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.02 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.4	30.6
142	80.3	64.2	96.4





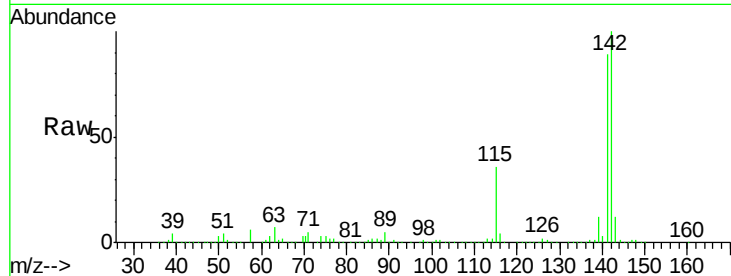
#37
2-Methylnaphthalene
Concen: 84.545 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

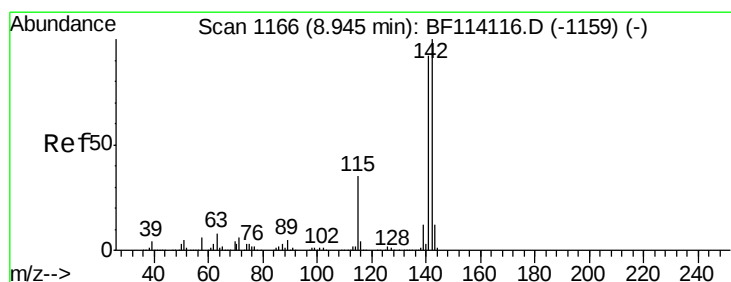
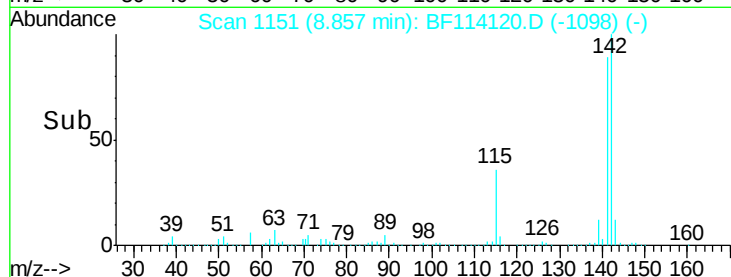
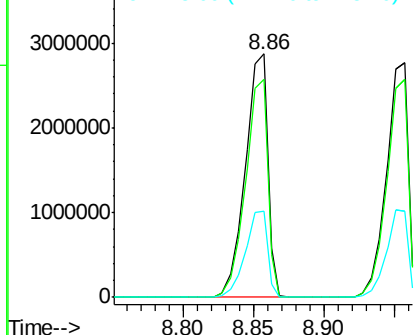
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.1	108.1
115	35.5	28.0	42.0

Manual Integrations
APPROVED

Sohil
5/13/2019 8:34:19 PM

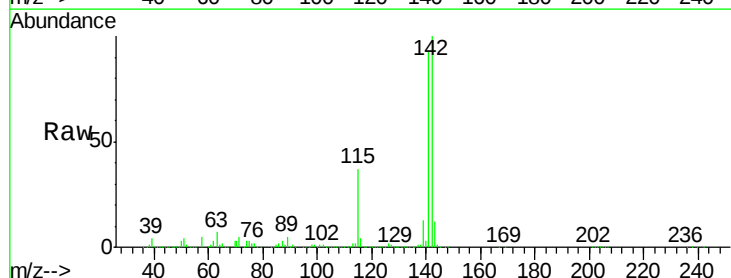


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

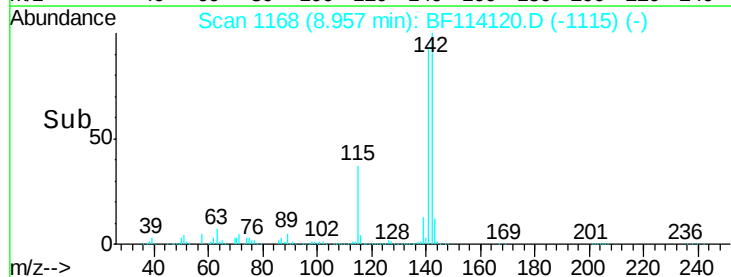
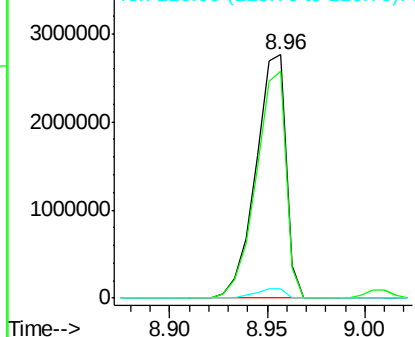


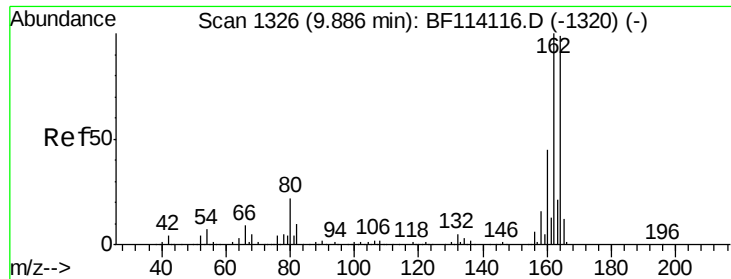
#38
1-Methylnaphthalene
Concen: 81.297 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.4	110.0
116	3.8	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





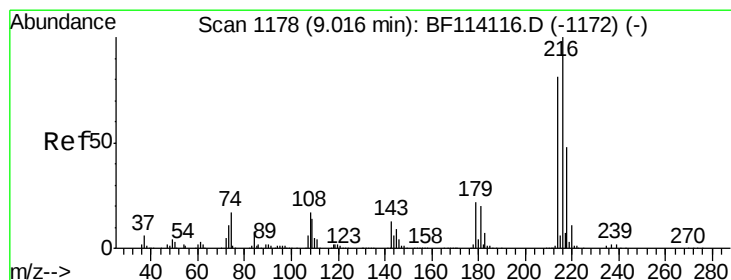
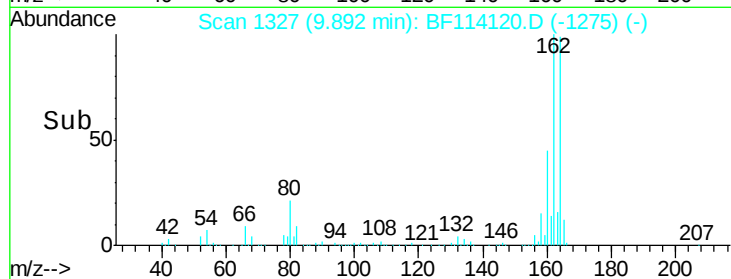
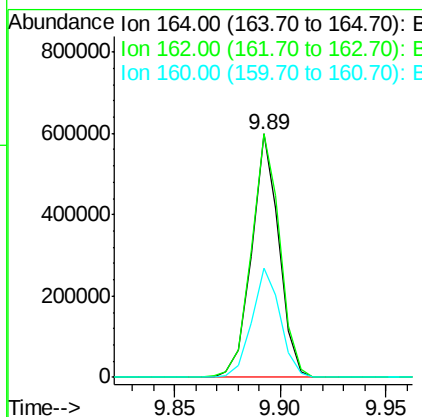
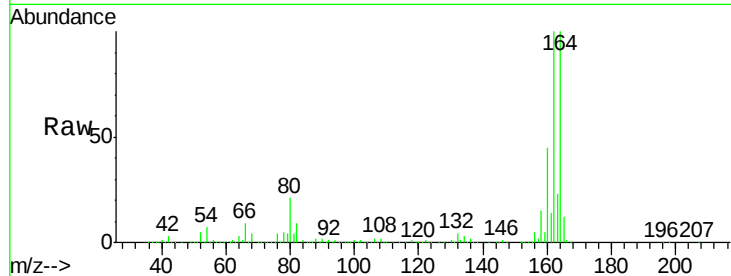
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	538185		
162	99.9	80.6	120.8	
160	44.8	36.5	54.7	

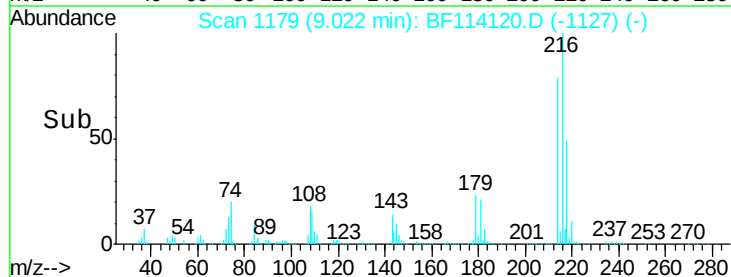
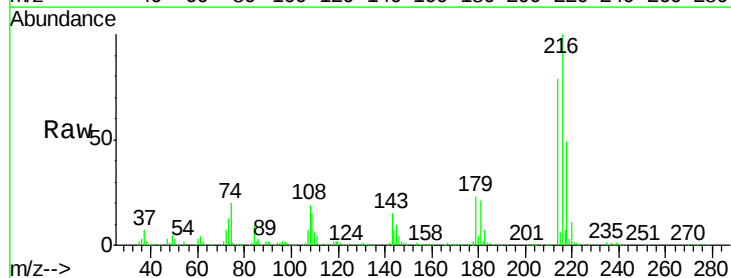
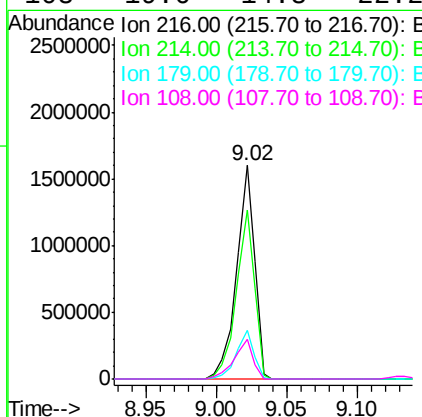
Manual Integrations
APPROVED

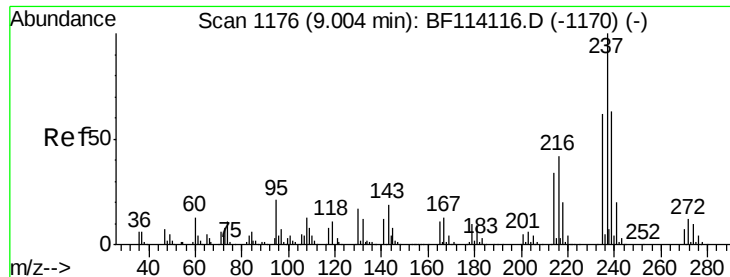
Sohil
5/13/2019 8:34:19 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 84.843 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1426010		
214	79.6	63.9	95.9	
179	21.9	17.0	25.6	
108	19.6	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 109.796 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

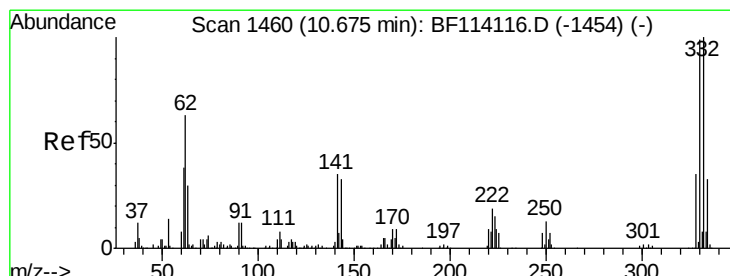
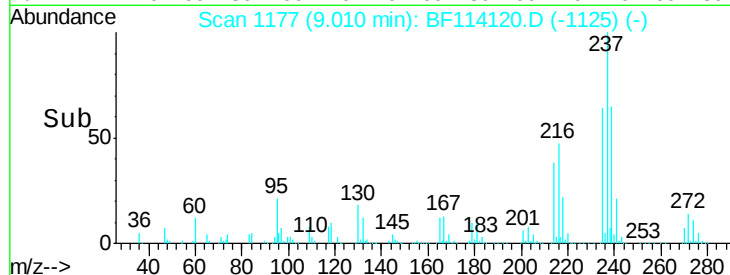
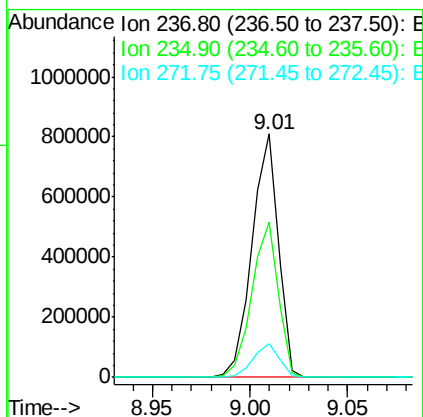
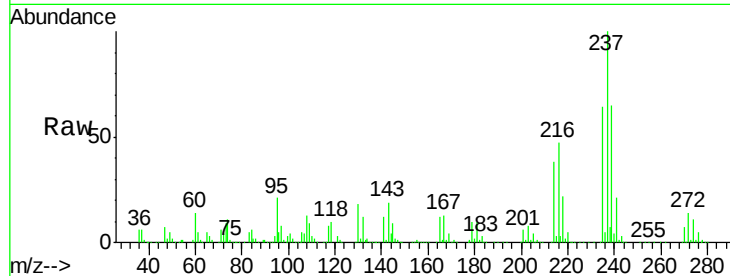
ClientSampled :

SSTDICC100

Tgt Ion:	237	Resp:	757725
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.0	82.0
272	14.1	0.0	32.4

Manual Integrations
APPROVED

Sohil
5/13/2019 8:34:19 PM



#42

2,4,6-Tribromophenol

Concen: 142.759 ng

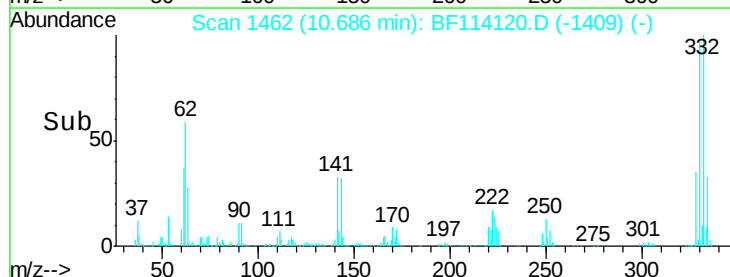
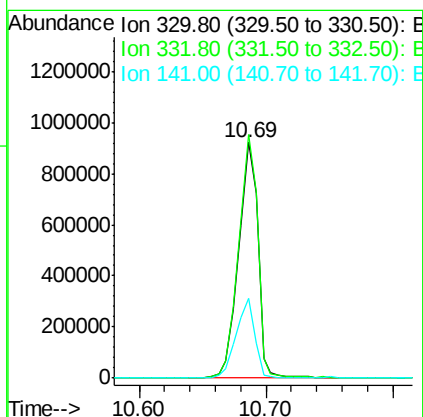
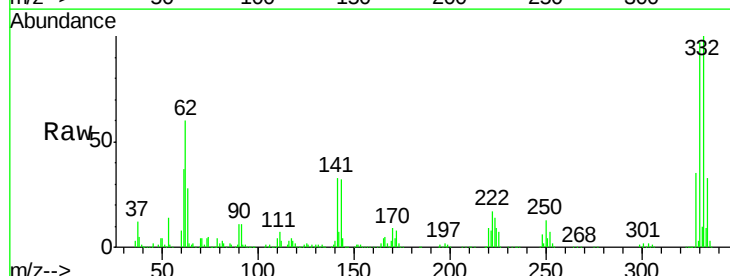
RT: 10.69 min Scan# 1462

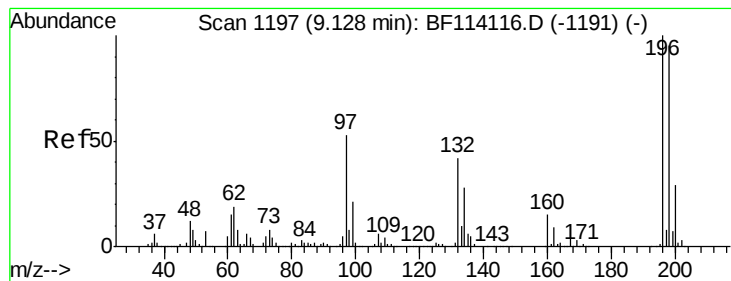
Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Tgt Ion:	330	Resp:	966996
Ion Ratio	Lower	Upper	
330	100		
332	103.2	81.4	122.2
141	32.9	26.6	40.0





#43

2,4,6-Trichlorophenol

Concen: 99.688 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:196 Resp: 1076436

Ion Ratio Lower Upper

196 100

198 96.3 75.9 113.9

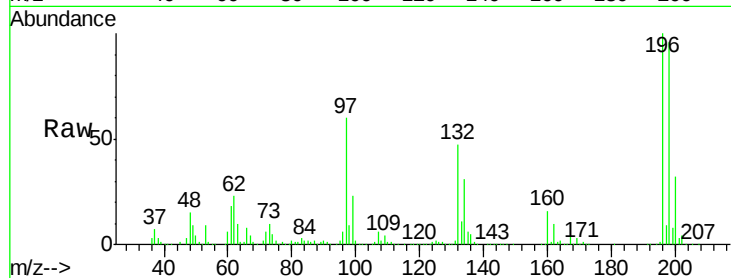
200 31.9 23.5 35.3

Manual Integrations

APPROVED

Sohil

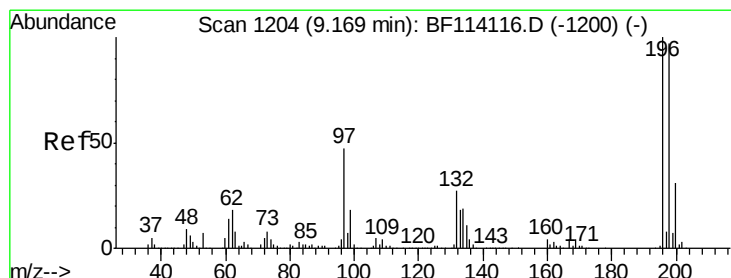
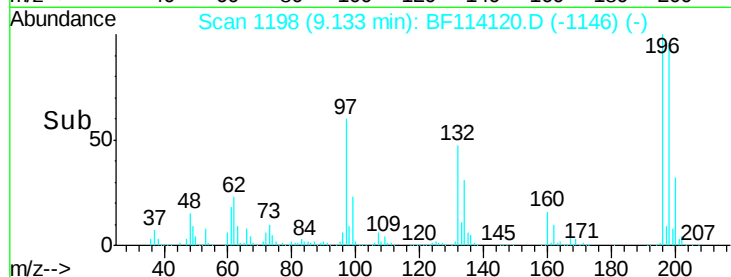
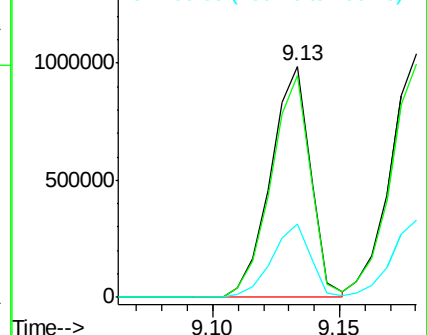
5/13/2019 8:34:19 PM



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 91.713 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Tgt Ion:196 Resp: 1089431

Ion Ratio Lower Upper

196 100

198 95.8 77.7 116.5

97 51.6 38.2 57.2

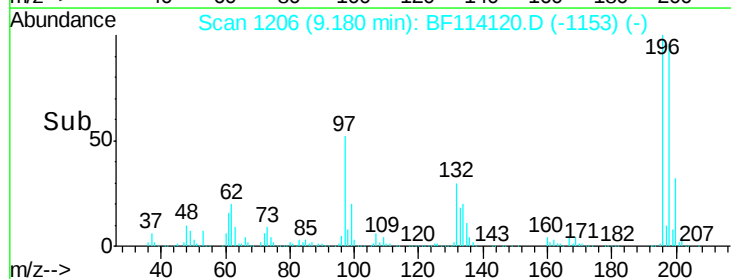
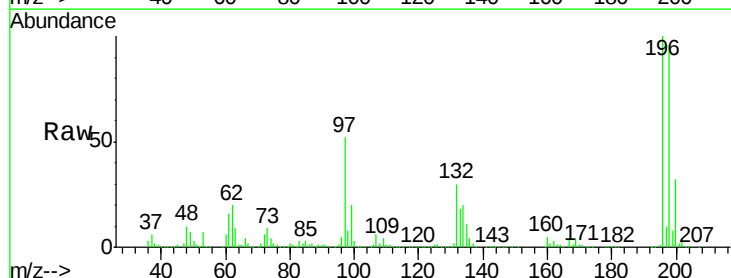
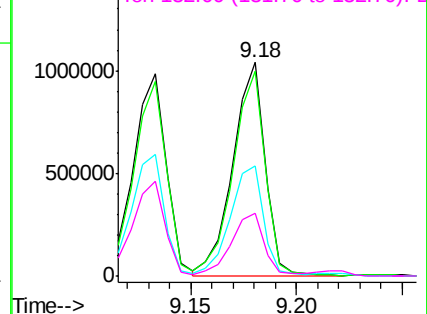
132 29.7 21.4 32.2

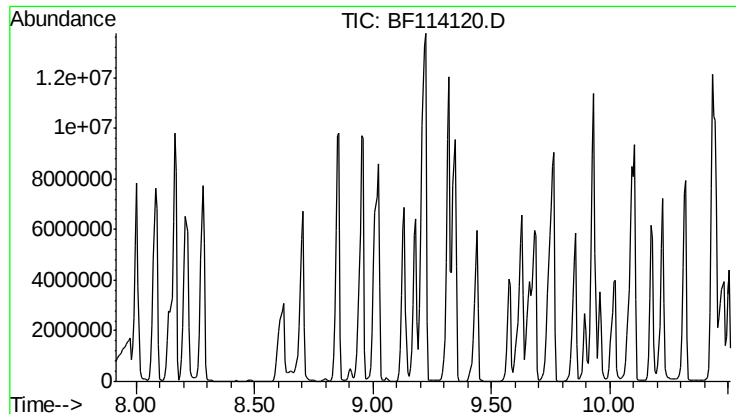
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





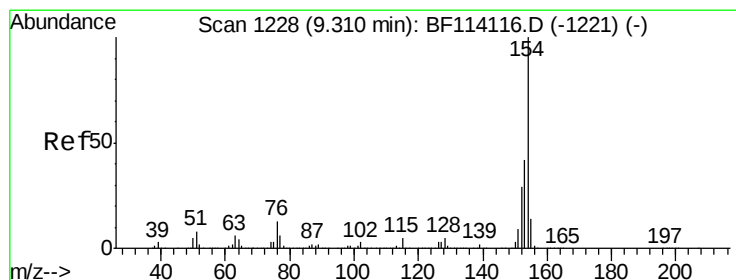
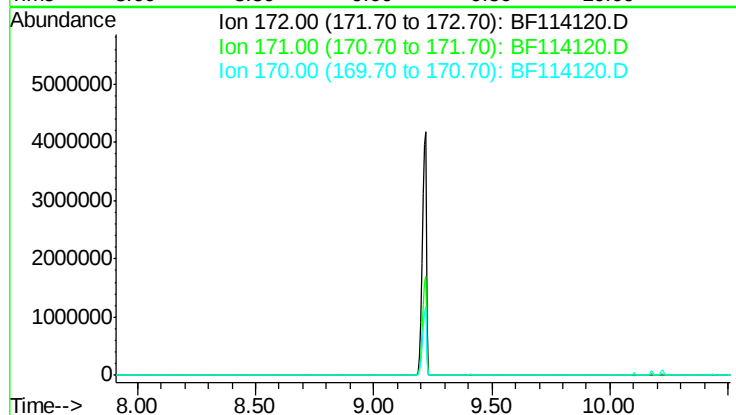
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.21 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 38.4
 170 25.6

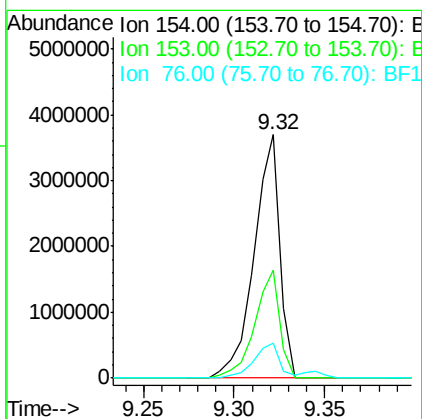
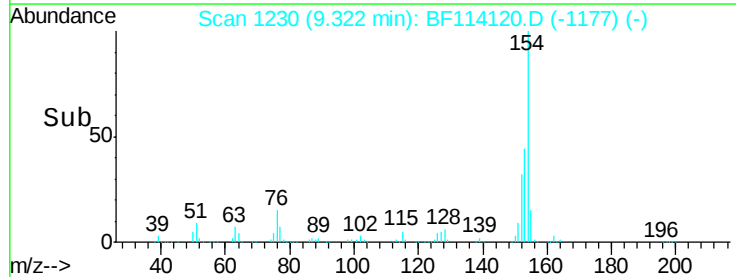
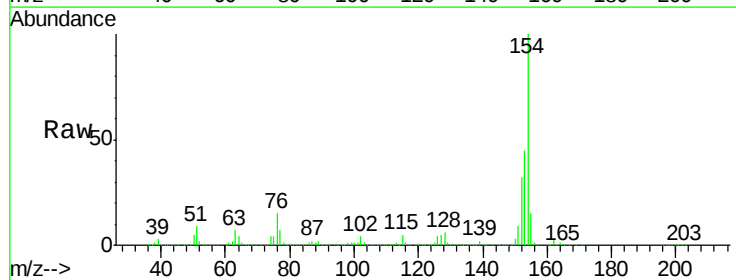
Manual Integrations
 APPROVED

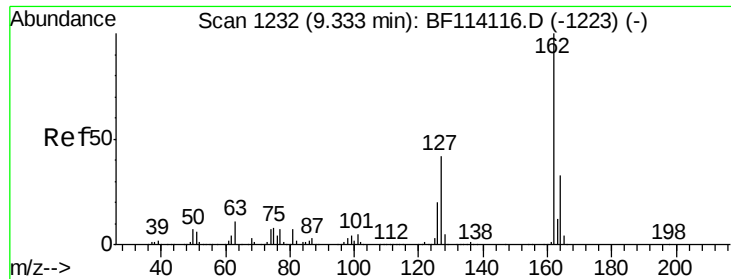
Sohil
 5/13/2019 8:34:19 PM



#46
 1,1'-Biphenyl
 Concen: 90.825 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Tgt Ion: 154 Resp: 3640890
 Ion Ratio Lower Upper
 154 100
 153 44.5 21.9 61.9
 76 14.6 0.0 32.8





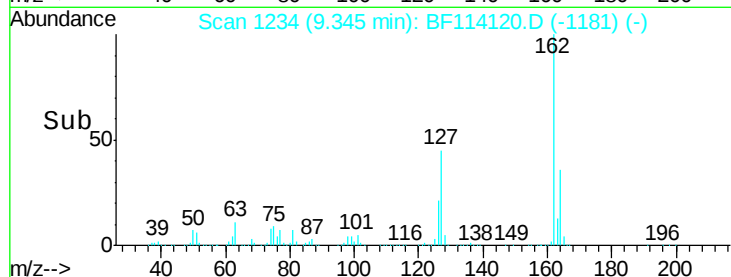
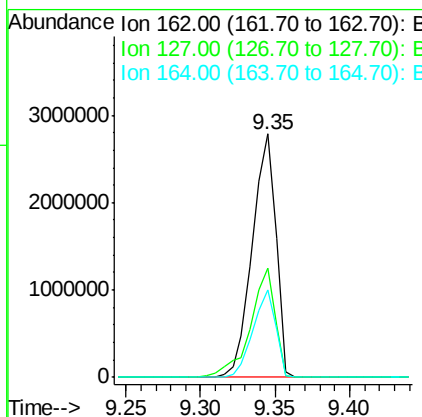
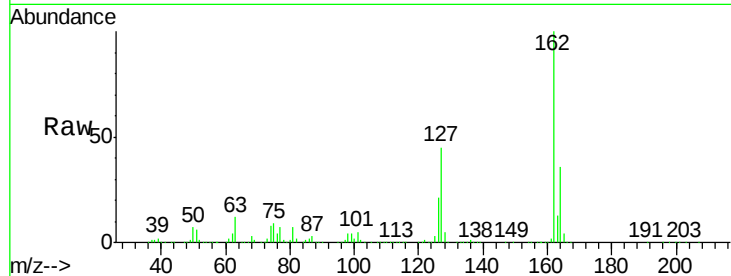
#47
2-Chloronaphthalene
Concen: 92.756 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion: 162 Resp: 3030065
Ion Ratio Lower Upper
162 100
127 44.7 34.0 51.0
164 36.0 26.7 40.1

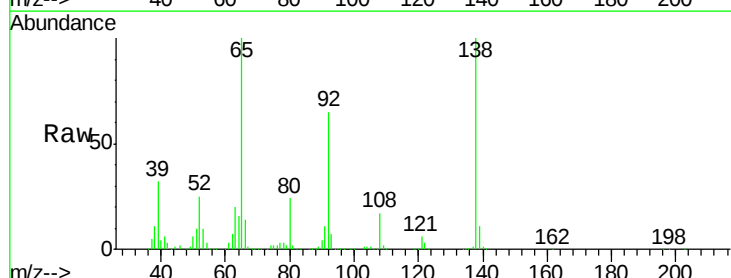
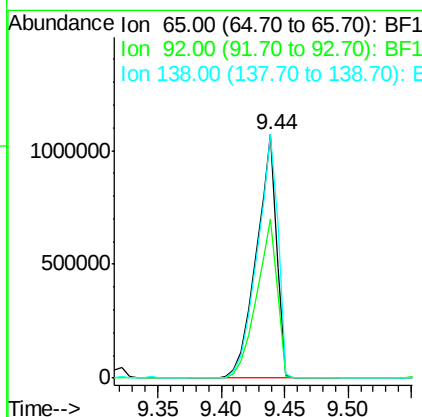
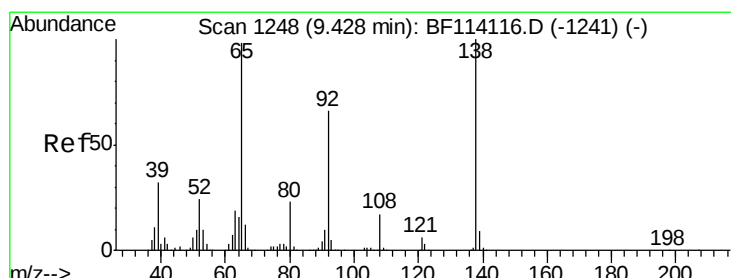
Manual Integrations
APPROVED

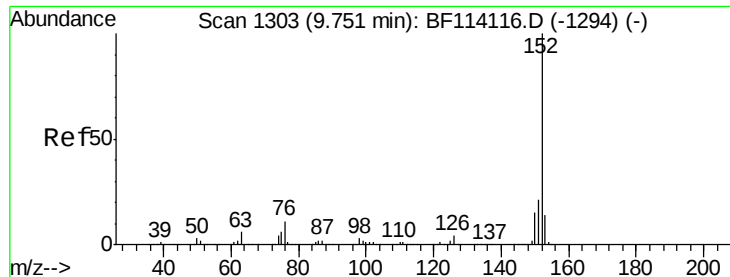
Sohil
5/13/2019 8:34:19 PM



#48
2-Nitroaniline
Concen: 131.990 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion: 65 Resp: 1197926
Ion Ratio Lower Upper
65 100
92 65.3 53.9 80.9
138 99.9 81.4 122.0





#49

Acenaphthylene

Concen: 86.659 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:152 Resp: 4463634

Ion Ratio Lower Upper

152 100

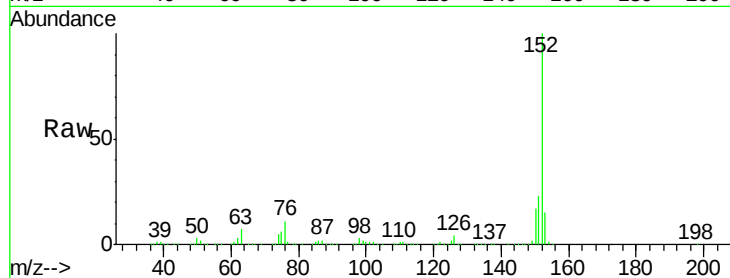
151 23.4 16.8 25.2

153 15.4 11.4 17.2

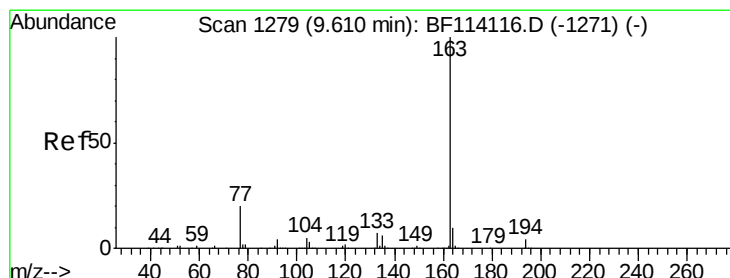
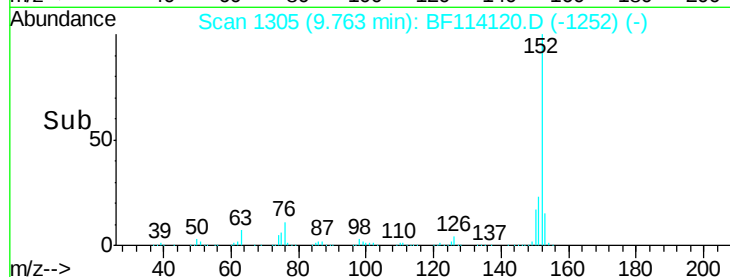
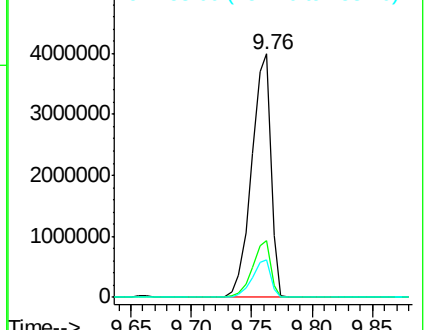
Manual Integrations
APPROVED

Sohil

5/13/2019 8:34:19 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: 93.374 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.02 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

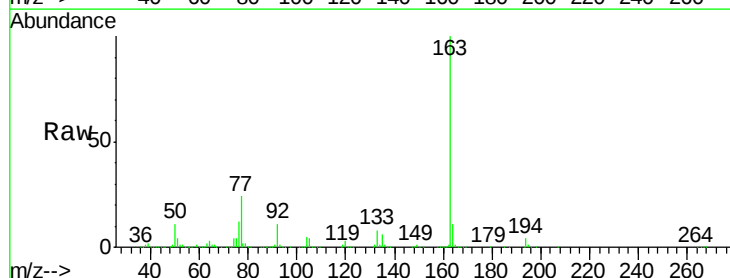
Tgt Ion:163 Resp: 3629816

Ion Ratio Lower Upper

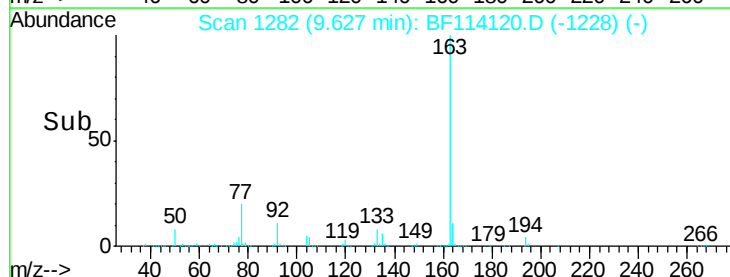
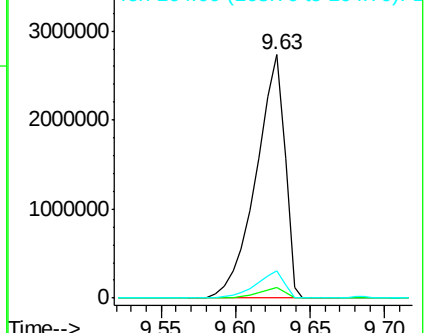
163 100

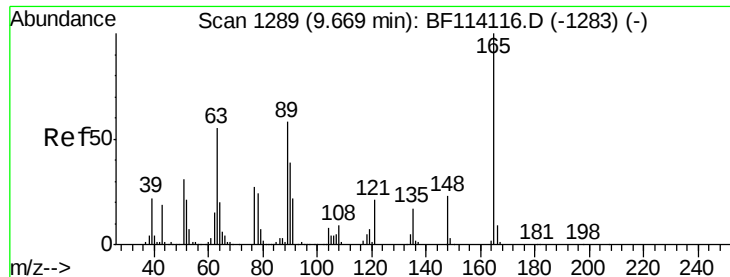
194 4.3 3.4 5.0

164 11.0 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





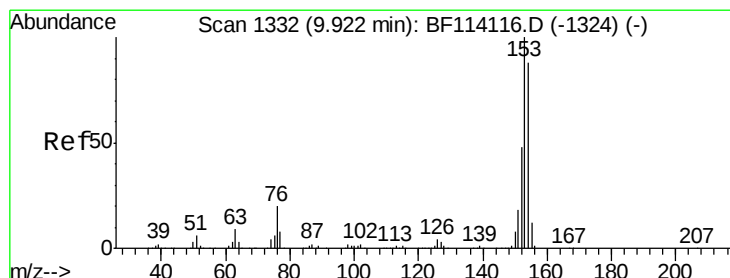
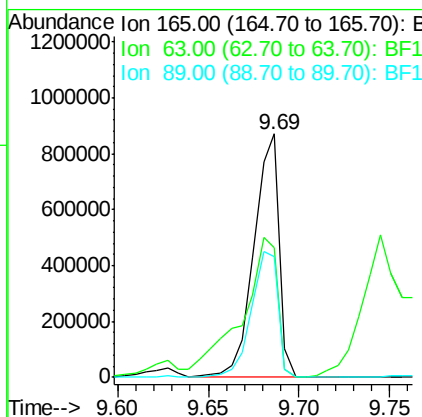
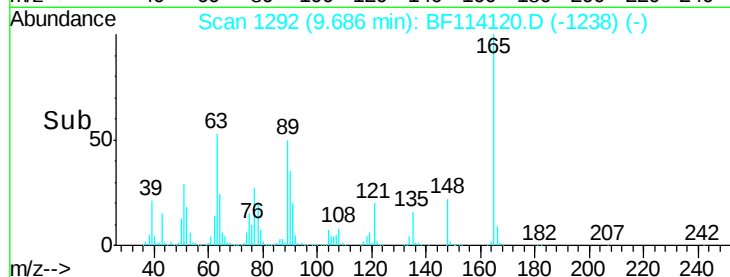
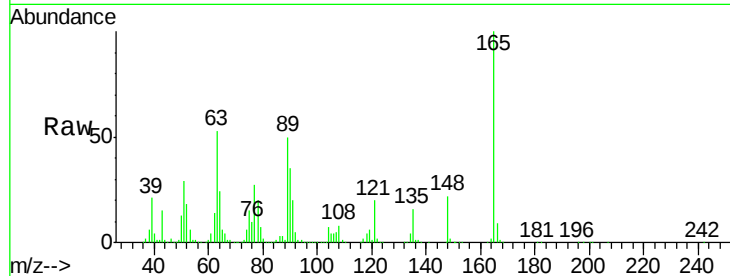
#51
 2,6-Dinitrotoluene
 Concen: 95.597 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.02 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	842224		
63	53.1	50.2	75.4	
89	49.7	46.6	69.8	

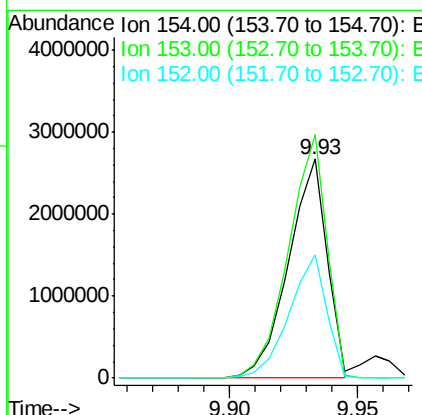
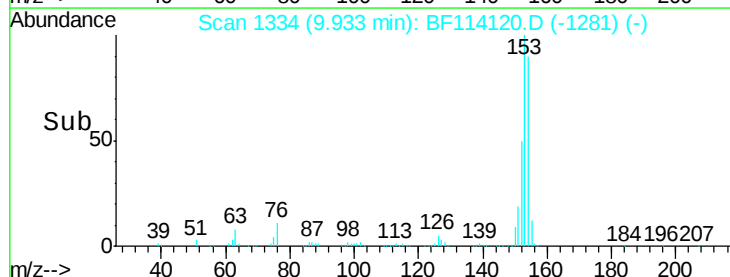
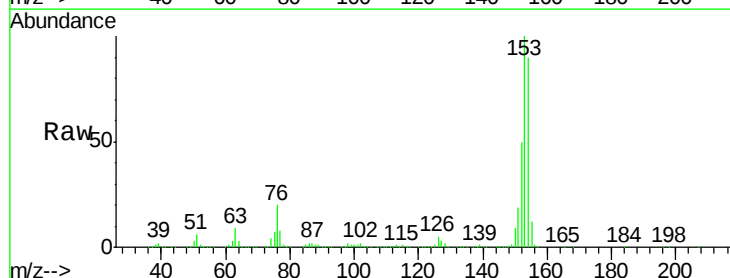
Manual Integrations
 APPROVED

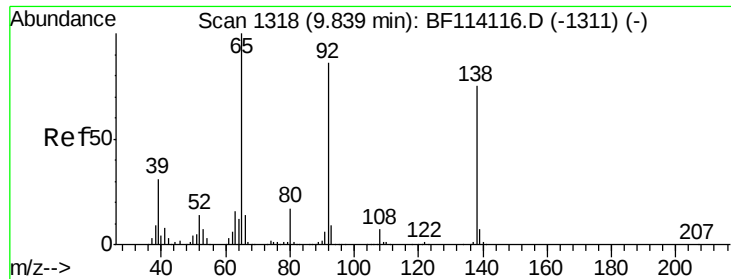
Sohil
 5/13/2019 8:34:19 PM



#52
 Acenaphthene
 Concen: 93.939 ng m
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2806005		
153	111.2	90.5	135.7	
152	56.1	43.4	65.2	





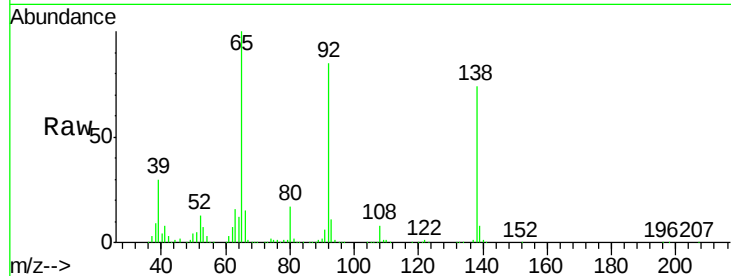
#53
3-Nitroaniline
Concen: 110.332 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

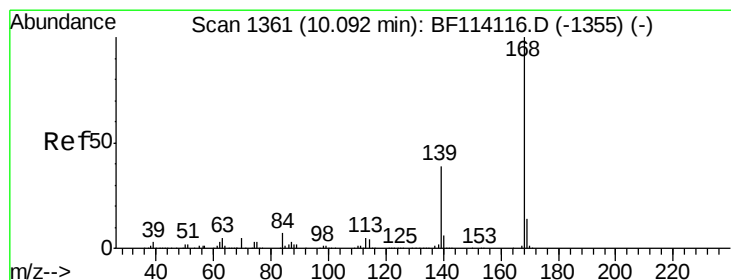
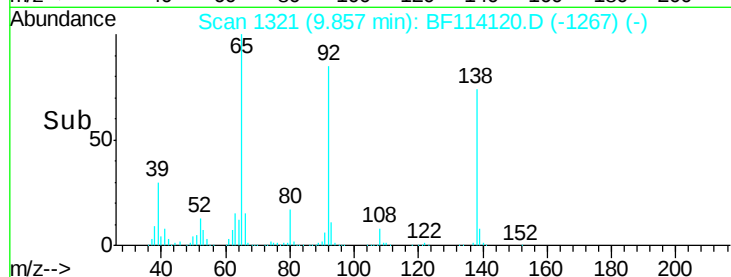
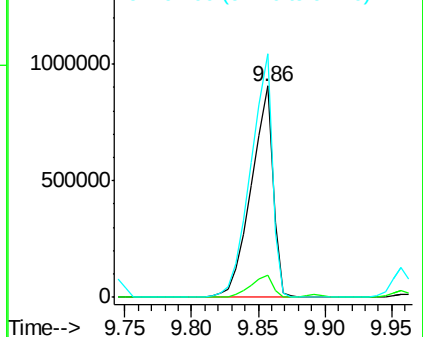
Tgt Ion:138 Resp: 1018127
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 115.3 91.2 136.8

Manual Integrations
APPROVED

Sohil
5/13/2019 8:34:19 PM

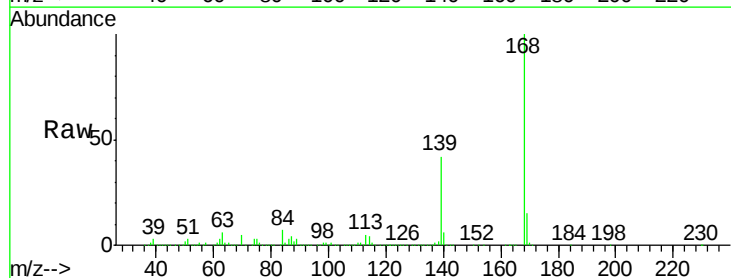


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

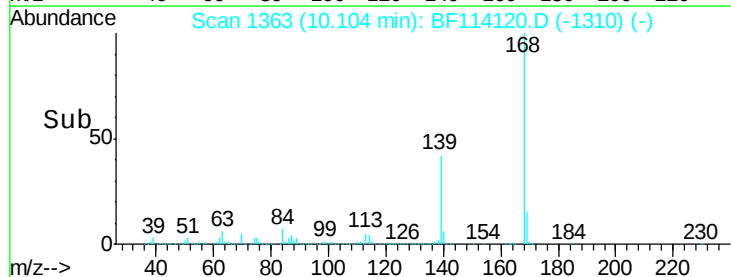
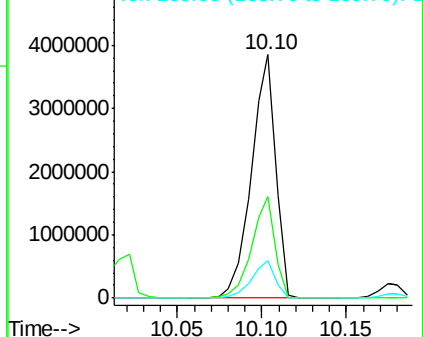


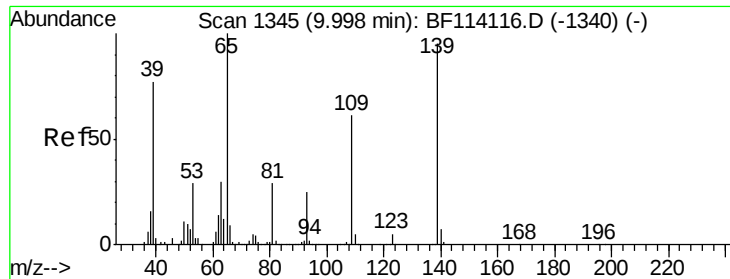
#55
Dibenzofuran
Concen: 82.258 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion:168 Resp: 3864108
Ion Ratio Lower Upper
168 100
139 41.9 31.1 46.7
169 15.3 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





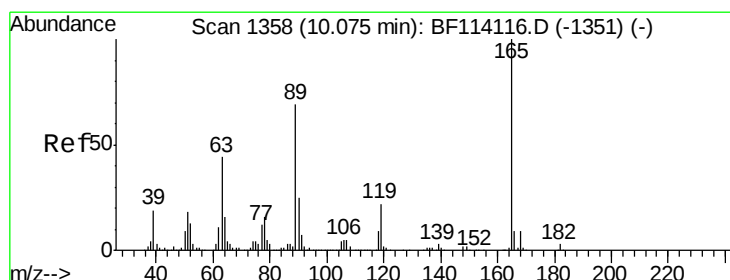
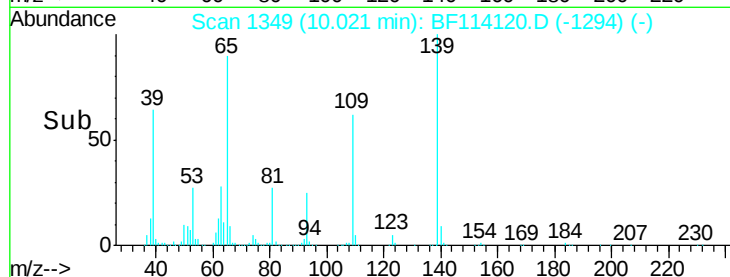
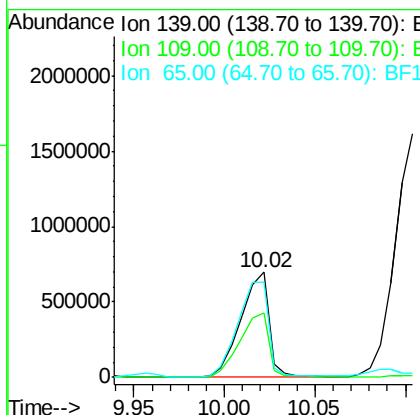
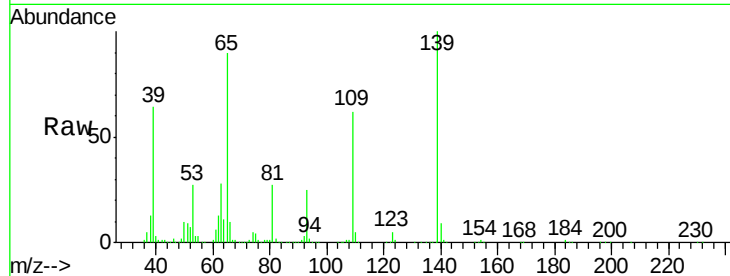
#56
4-Nitrophenol
Concen: 108.965 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.7	43.9	83.9
65	90.2	85.7	125.7

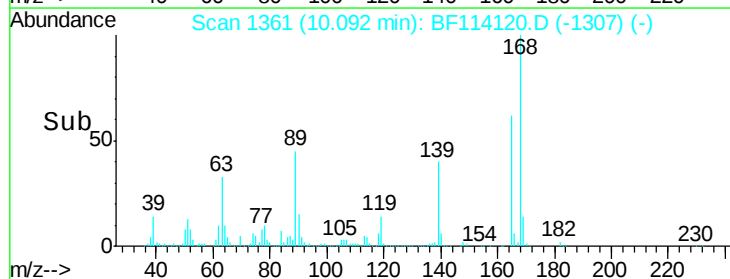
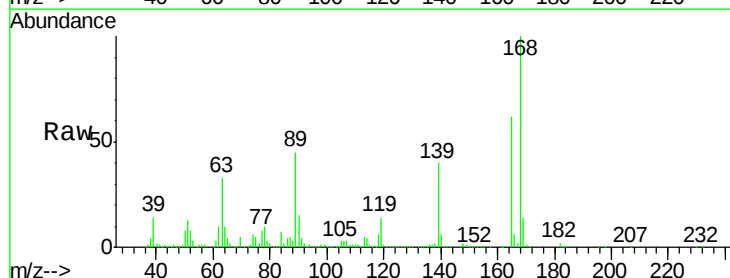
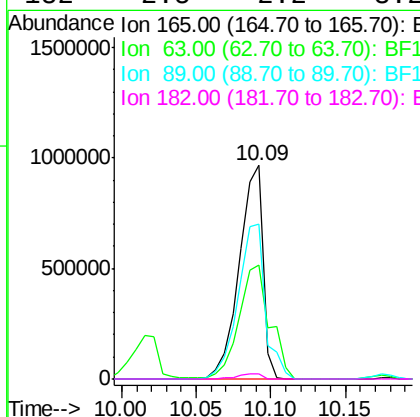
Manual Integrations
APPROVED

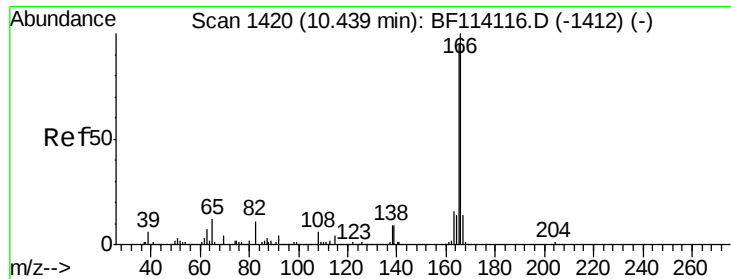
Sohil
5/13/2019 8:34:19 PM



#57
2,4-Dinitrotoluene
Concen: 89.507 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	35.5	53.3
89	72.6	55.2	82.8
182	2.5	2.2	3.2





#58

Fluorene

Concen: 84.935 ng

RT: 10.44 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:166 Resp: 3056108

Ion Ratio Lower Upper

166 100

165 95.2 76.1 114.1

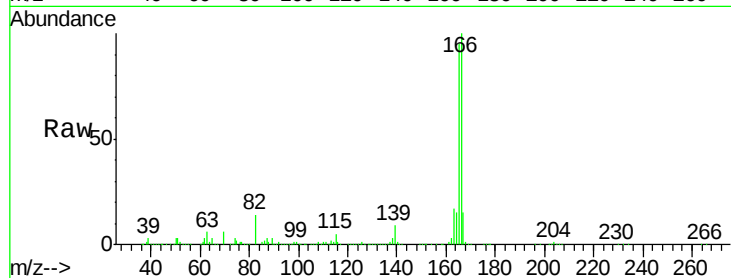
167 15.0 11.1 16.7

Manual Integrations

APPROVED

Sohil

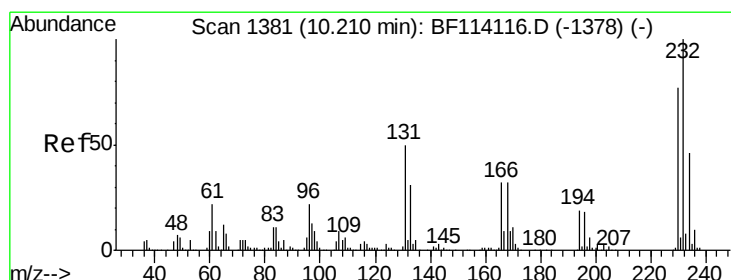
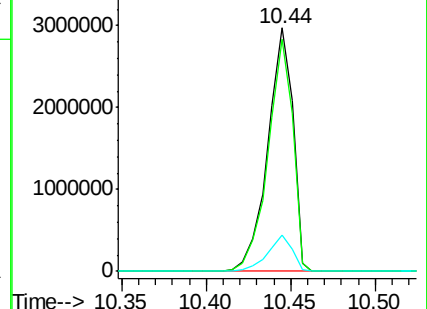
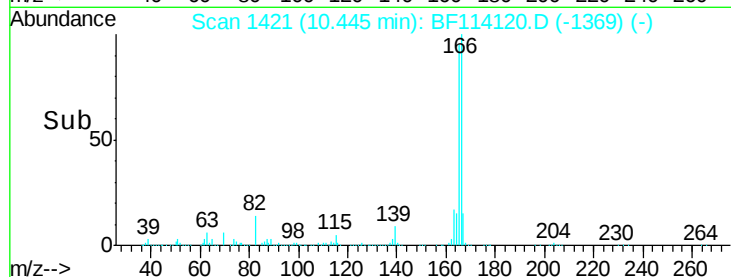
5/13/2019 8:34:19 PM



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: 85.434 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Tgt Ion:232 Resp: 901509

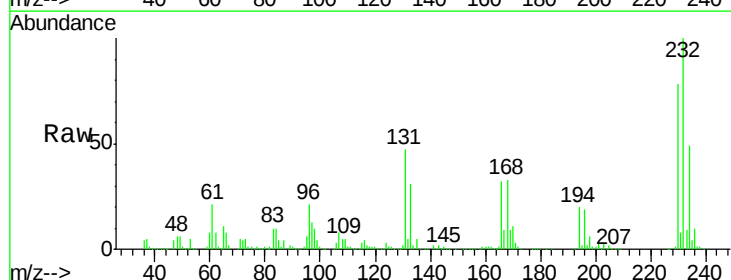
Ion Ratio Lower Upper

232 100

131 45.7 35.6 53.4

130 2.3 1.6 2.4

166 31.3 24.1 36.1

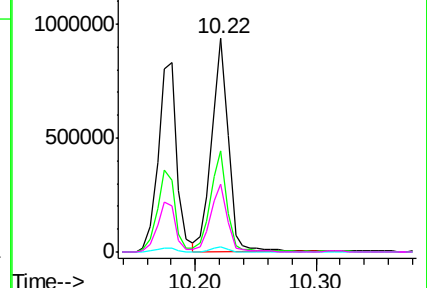
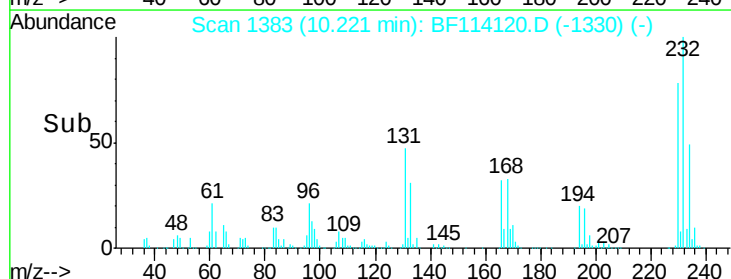


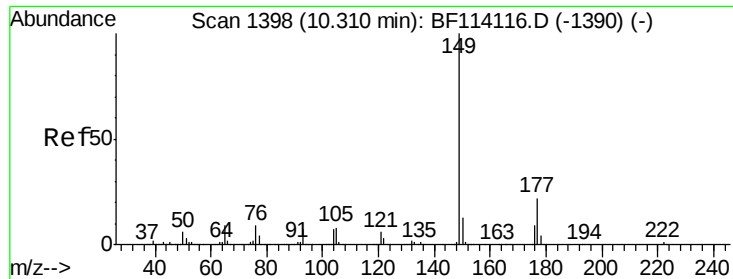
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





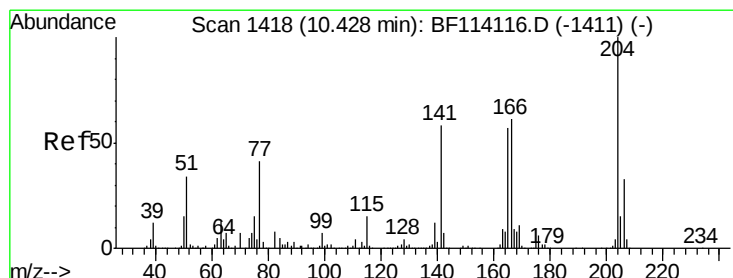
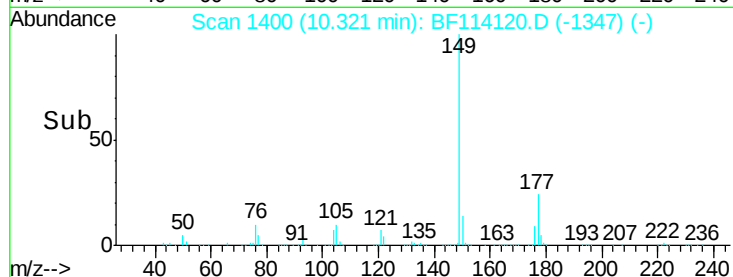
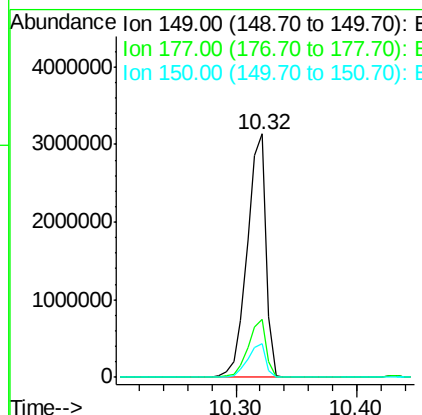
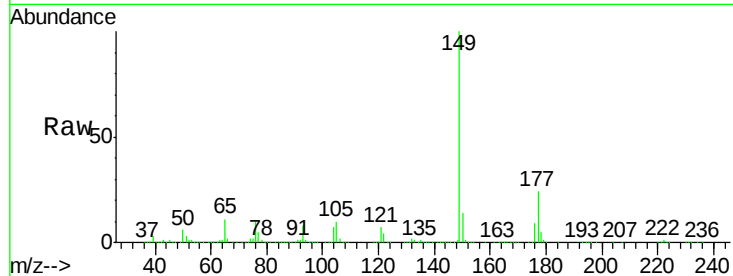
#60
Diethylphthalate
Concen: 88.992 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion:149 Resp: 3396955
Ion Ratio Lower Upper
149 100
177 24.1 17.8 26.6
150 13.6 10.2 15.2

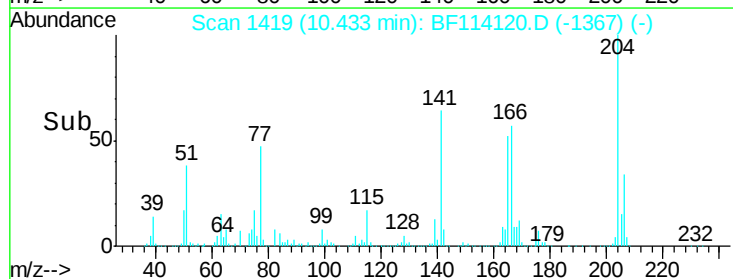
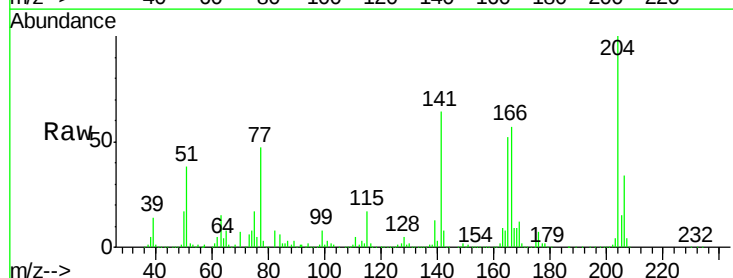
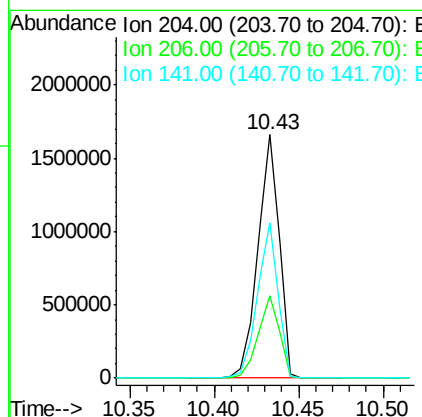
Manual Integrations
APPROVED

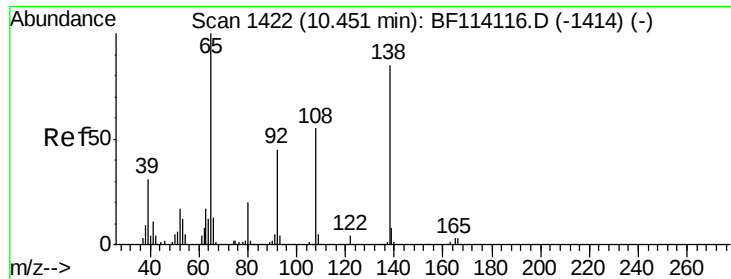
Sohil
5/13/2019 8:34:19 PM



#61
4-Chlorophenyl-phenylether
Concen: 78.887 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion:204 Resp: 1469121
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 63.7 46.4 69.6





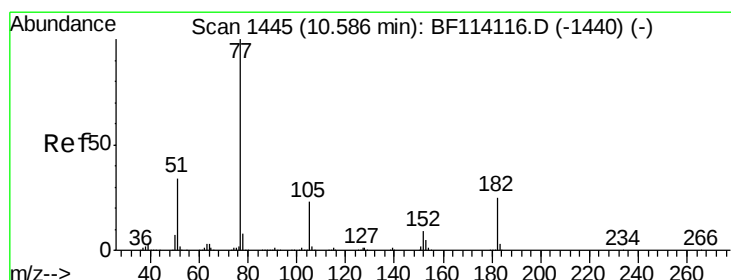
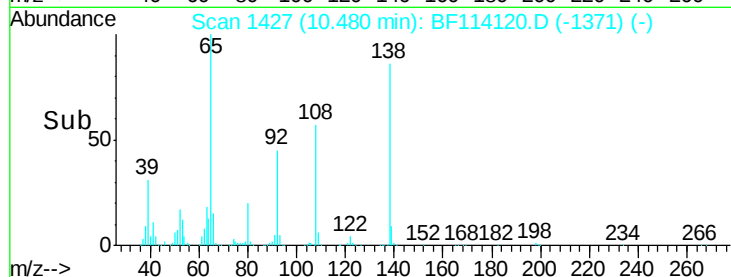
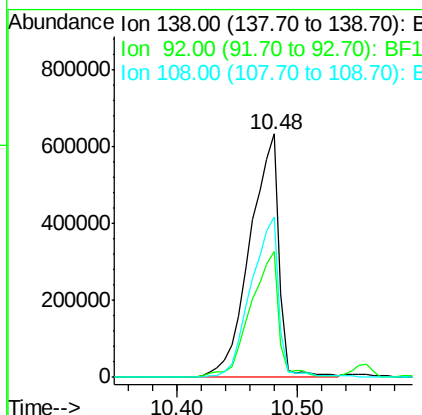
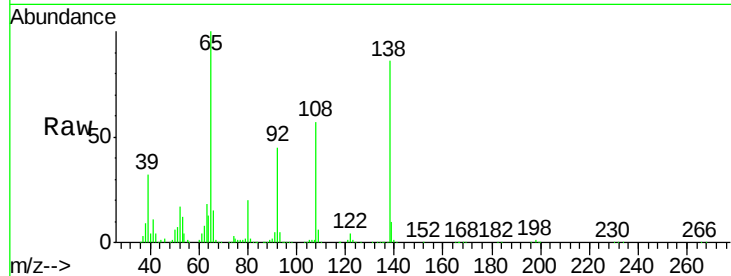
#62
4-Nitroaniline
Concen: 111.391 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.03 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion: 138 Resp: 1062663
Ion Ratio Lower Upper
138 100
92 51.9 33.0 73.0
108 65.7 44.9 84.9

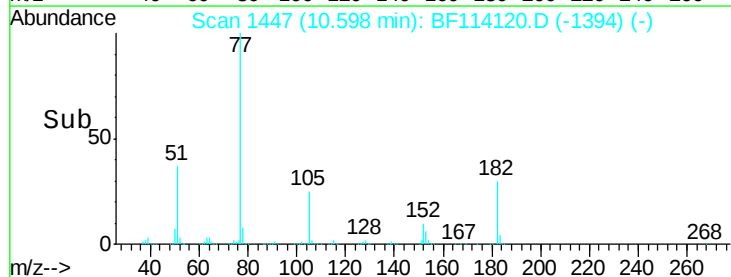
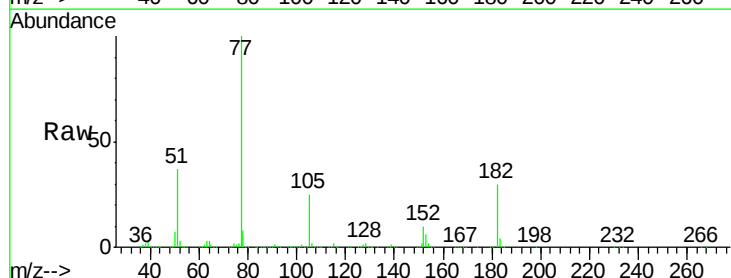
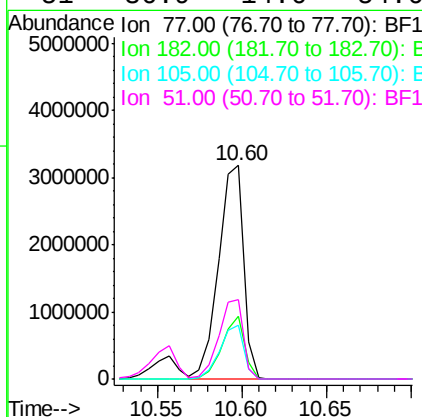
Manual Integrations
APPROVED

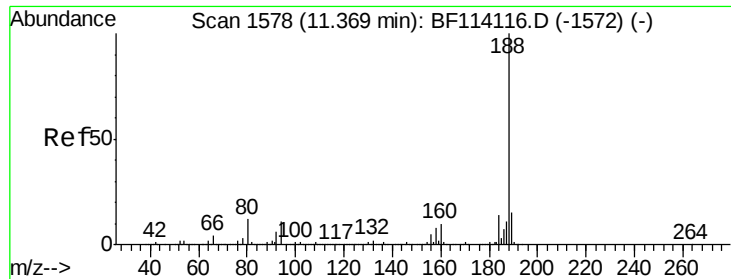
Sohil
5/13/2019 8:34:19 PM



#63
Azobenzene
Concen: 89.913 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion: 77 Resp: 3289735
Ion Ratio Lower Upper
77 100
182 29.6 4.7 44.7
105 24.9 2.9 42.9
51 36.9 14.6 54.6





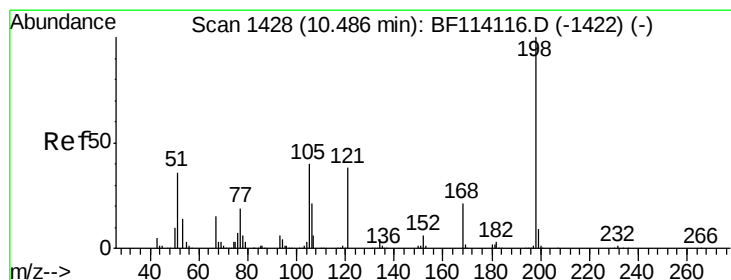
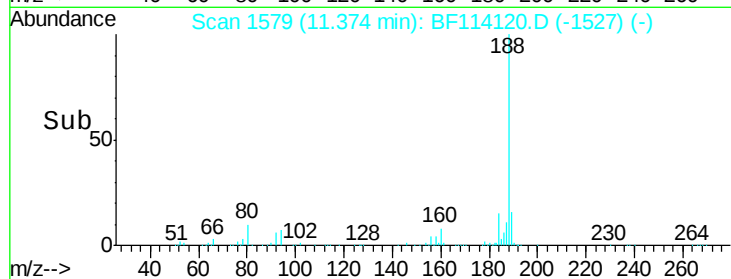
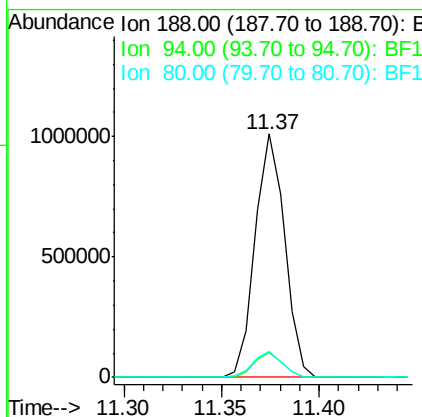
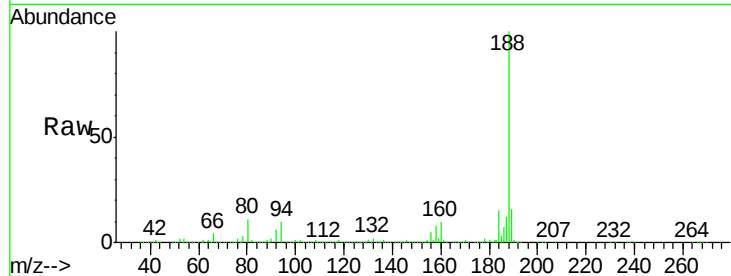
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampled :
SSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1063231		
94	10.2		8.4	12.6
80	10.8		9.2	13.8

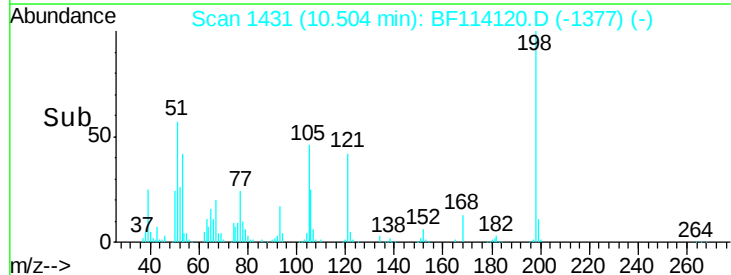
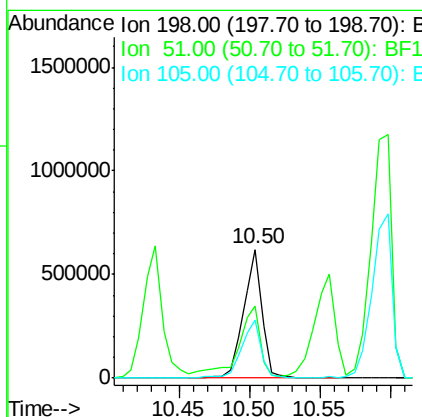
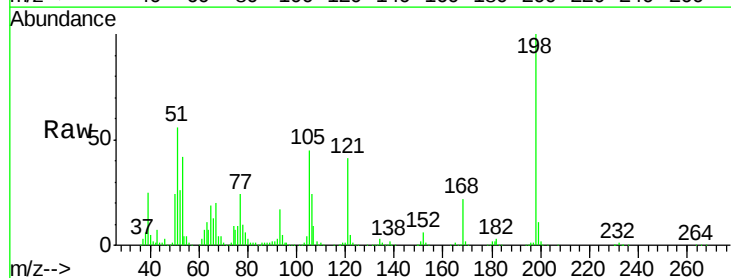
Manual Integrations
APPROVED

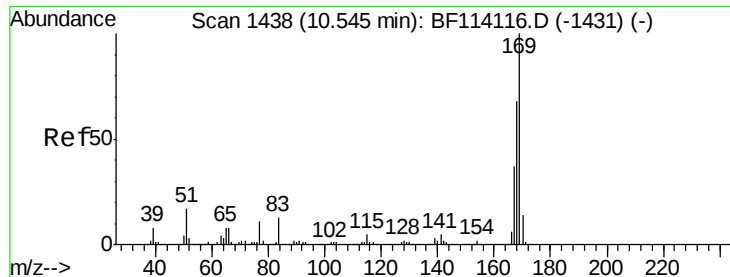
Sohil
5/13/2019 8:34:19 PM



#65
4,6-Dinitro-2-methylphenol
Concen: 94.406 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	567548		
51	55.8		28.0	68.0
105	45.1		21.1	61.1





#66

n-Nitrosodiphenylamine

Concen: 86.607 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:169 Resp: 2874648

Ion Ratio Lower Upper

169 100

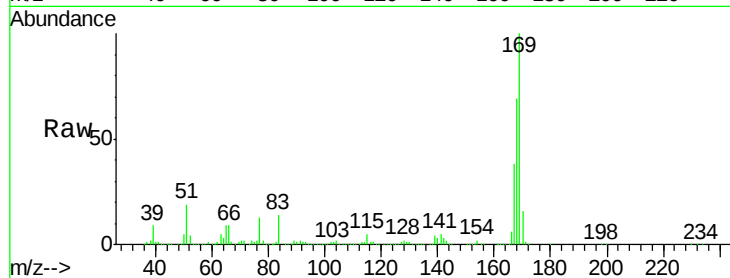
168 69.5 54.2 81.2

167 38.1 29.8 44.8

Manual Integrations
APPROVED

Sohil

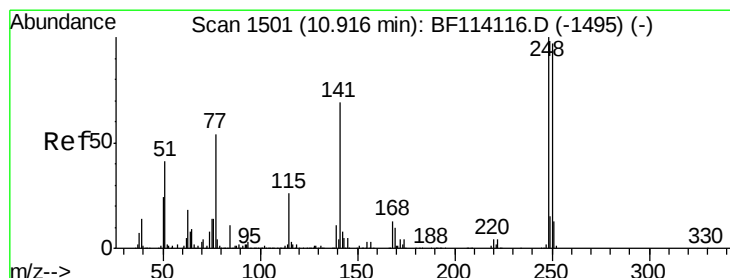
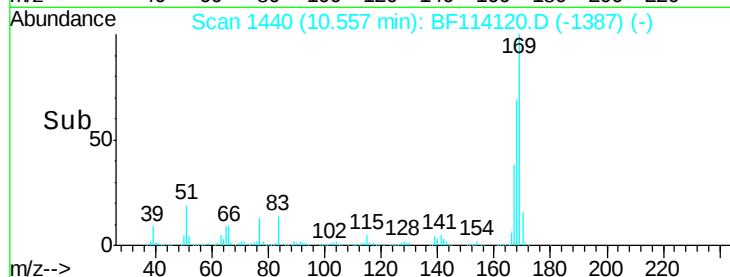
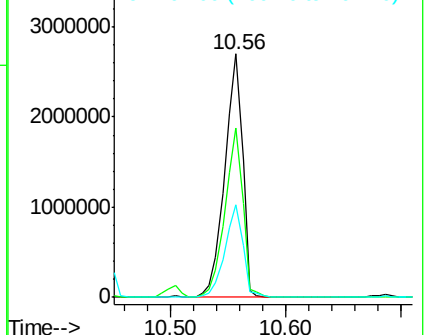
5/13/2019 8:34:19 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 79.478 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

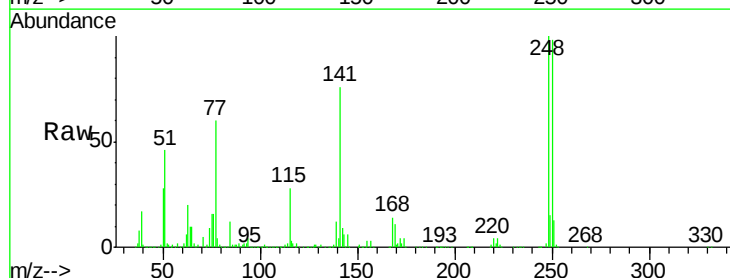
Tgt Ion:248 Resp: 1049467

Ion Ratio Lower Upper

248 100

250 98.5 77.4 116.2

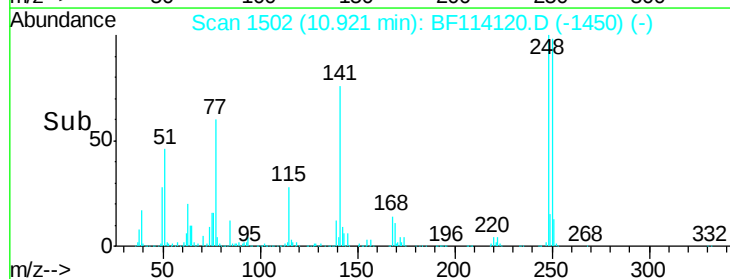
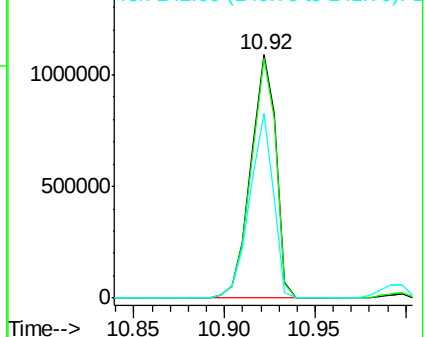
141 75.8 55.6 83.4

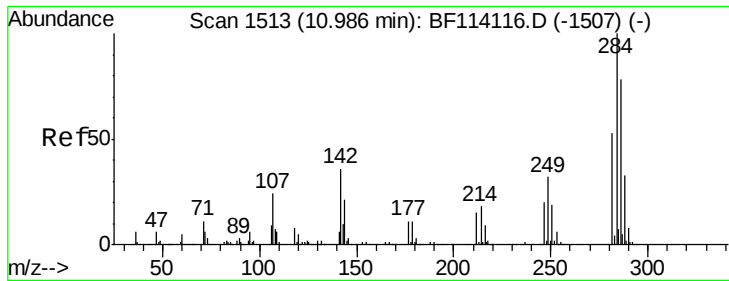


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 79.797 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:284 Resp: 1156778

Ion Ratio Lower Upper

284 100

142 30.4 28.4 42.6

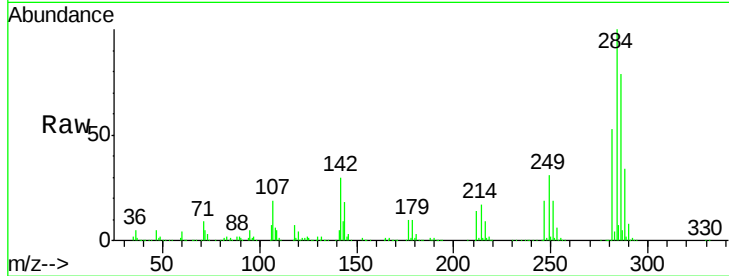
249 30.6 25.2 37.8

Manual Integrations

APPROVED

Sohil

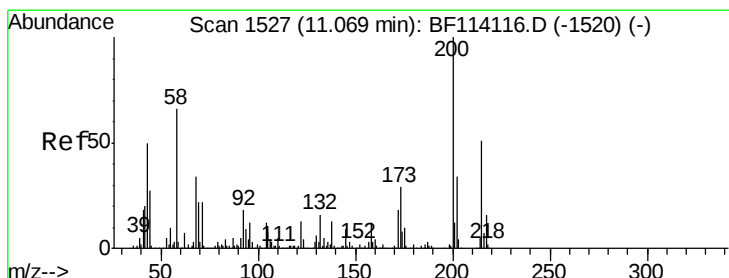
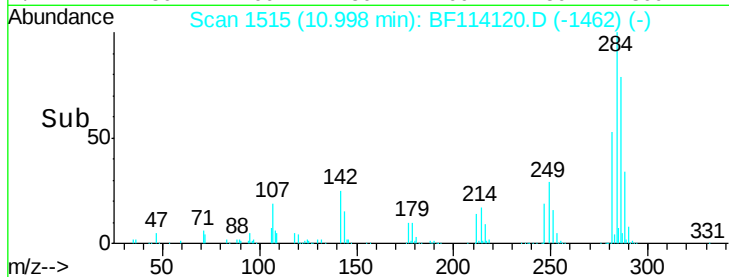
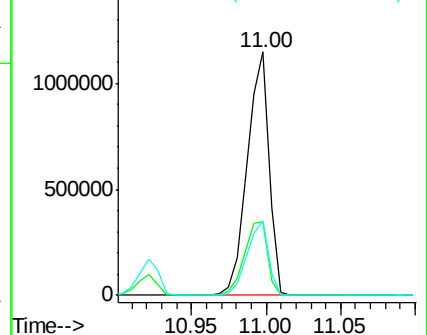
5/13/2019 8:34:19 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 81.762 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

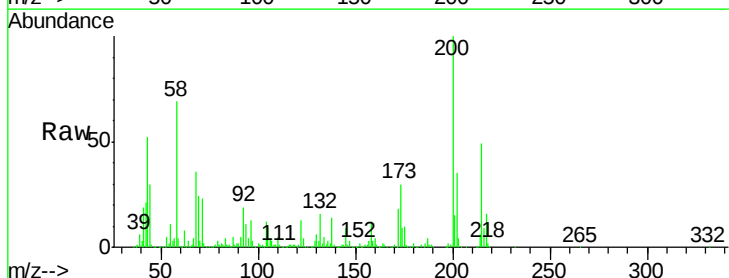
Tgt Ion:200 Resp: 910201

Ion Ratio Lower Upper

200 100

173 29.9 8.9 48.9

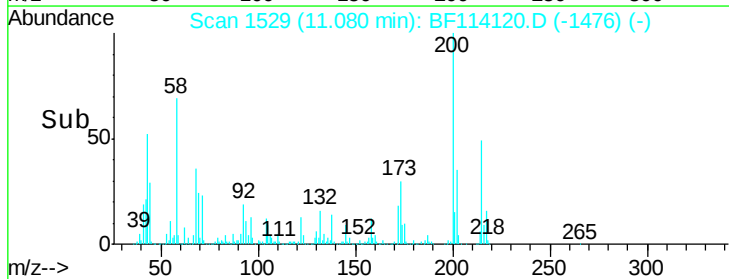
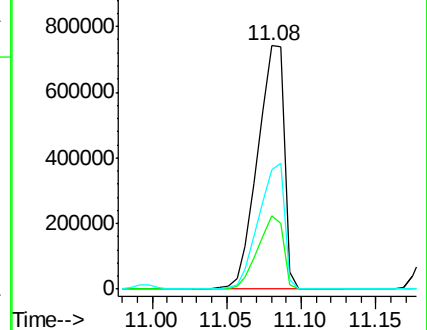
215 49.3 30.7 70.7

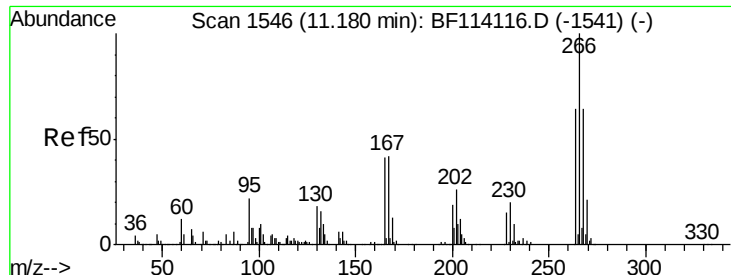


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





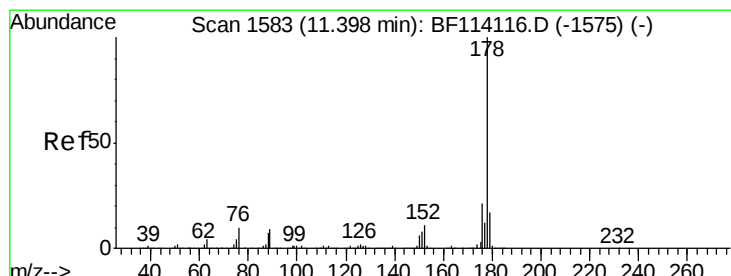
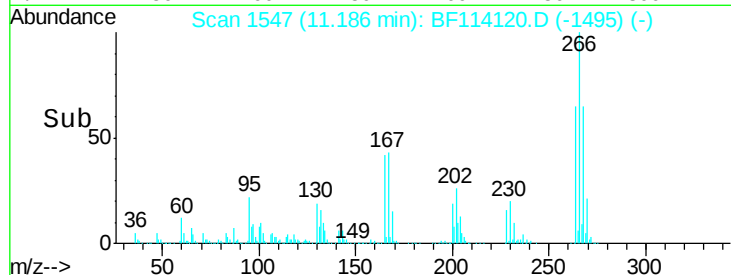
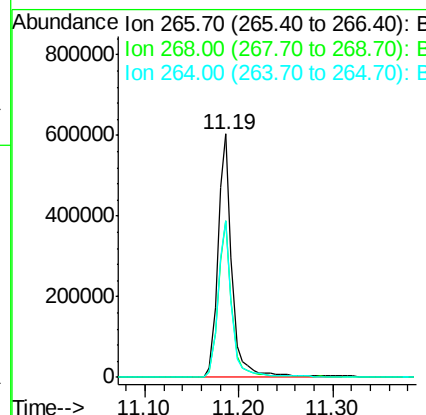
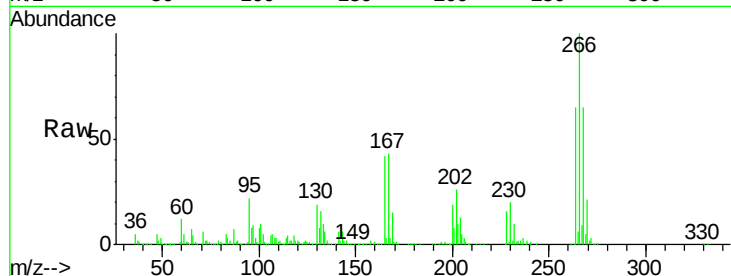
#70
 Pentachlorophenol
 Concen: 83.770 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	64.5	51.1	76.7

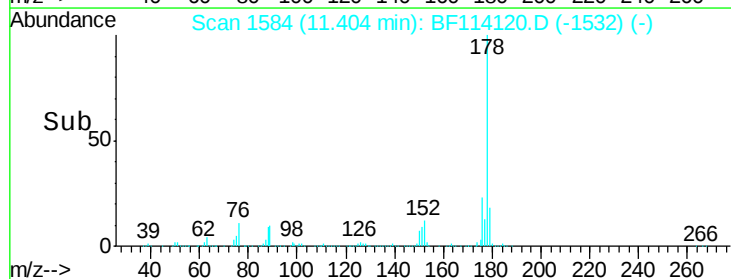
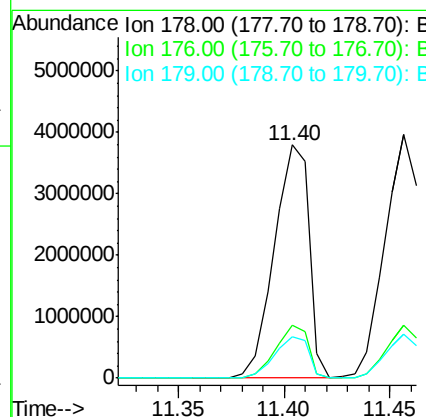
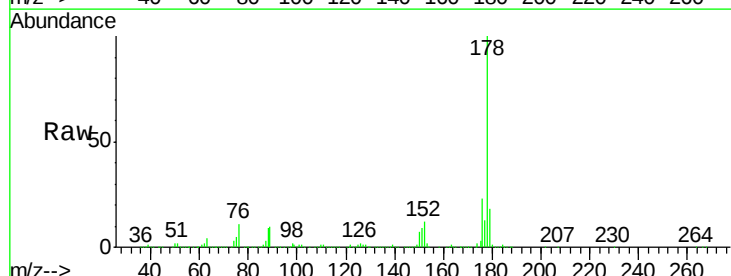
Manual Integrations
 APPROVED

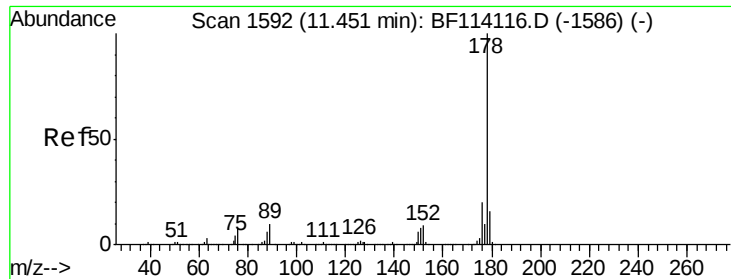
Sohil
 5/13/2019 8:34:19 PM



#71
 Phenanthrene
 Concen: 81.356 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.4	24.6
179	17.8	13.2	19.8





#72

Anthracene

Concen: 81.076 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:178 Resp: 4402707

Ion Ratio Lower Upper

178 100

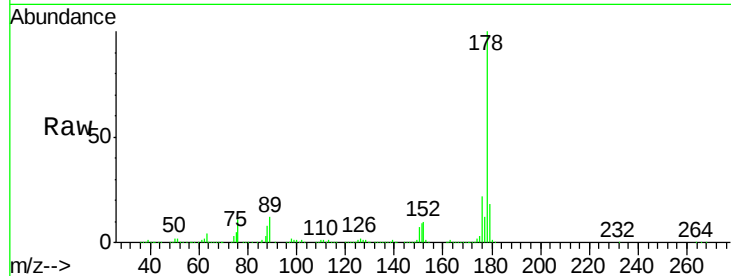
176 21.7 15.8 23.8

179 18.2 13.0 19.4

Manual Integrations
APPROVED

Sohil

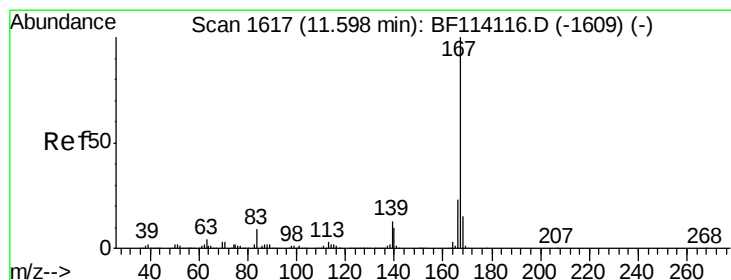
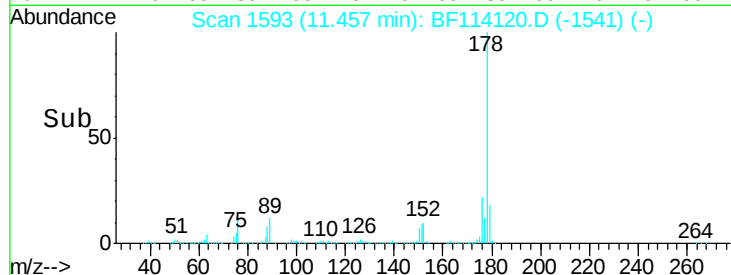
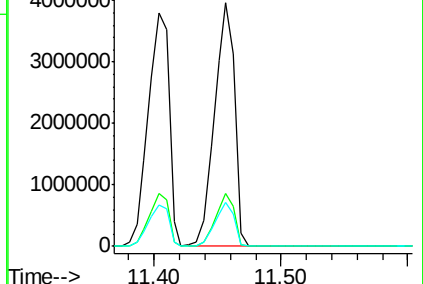
5/13/2019 8:34:19 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 89.086 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

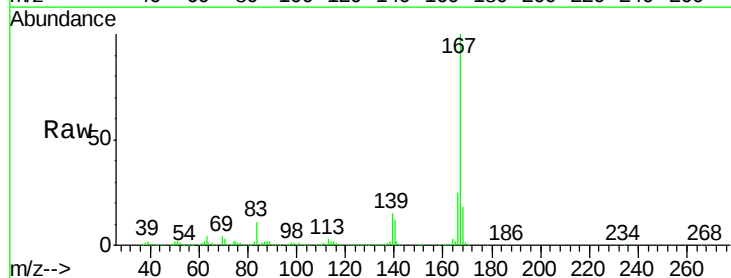
Tgt Ion:167 Resp: 4269582

Ion Ratio Lower Upper

167 100

166 24.9 18.2 27.2

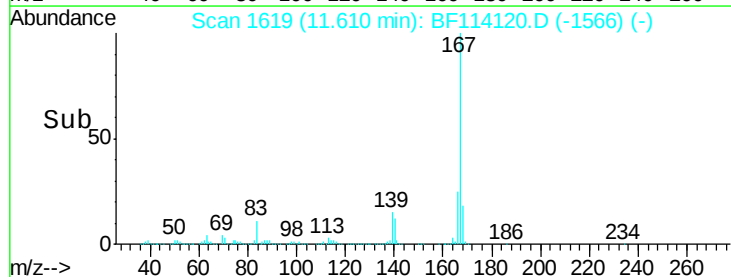
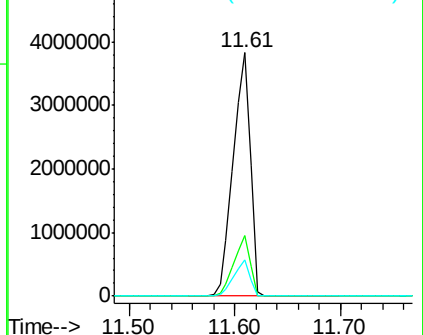
139 15.0 10.6 16.0

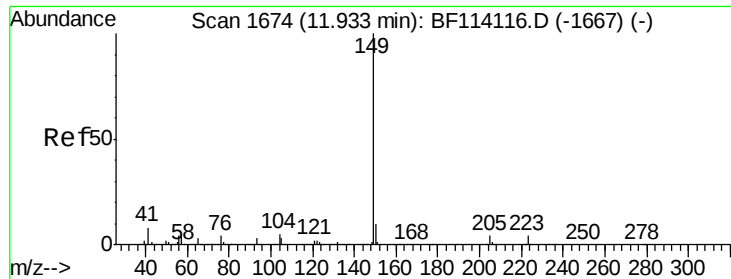


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 81.262 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:149 Resp: 4752986

Ion Ratio Lower Upper

149 100

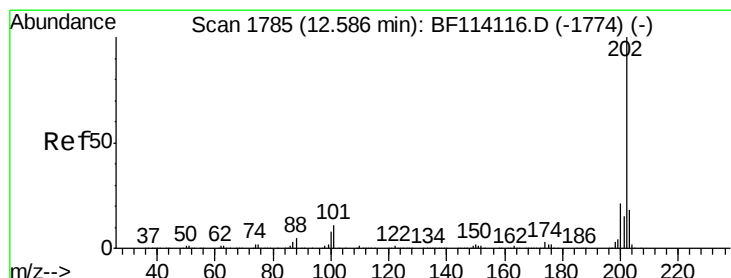
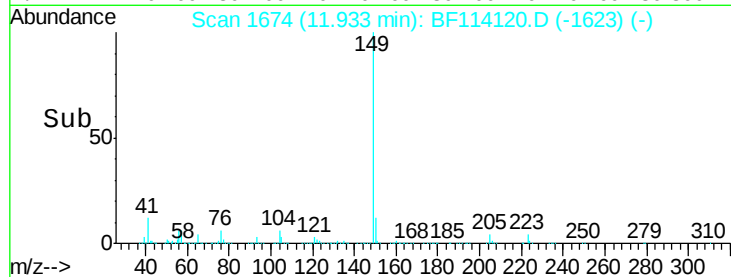
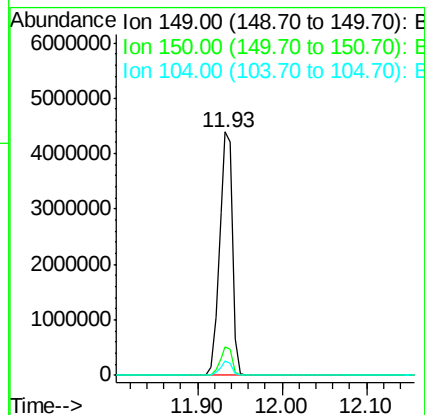
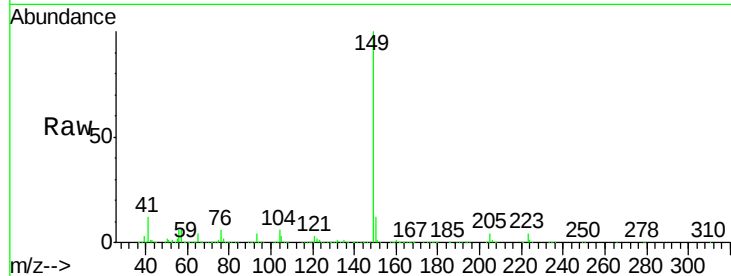
150 11.6 7.7 11.5#

104 5.8 3.6 5.4#

Manual Integrations
APPROVED

Sohil

5/13/2019 8:34:19 PM



#75

Fluoranthene

Concen: 80.544 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

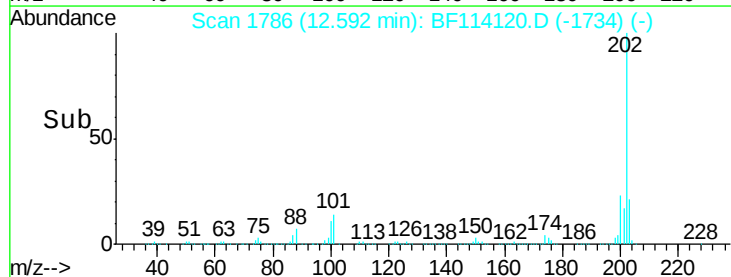
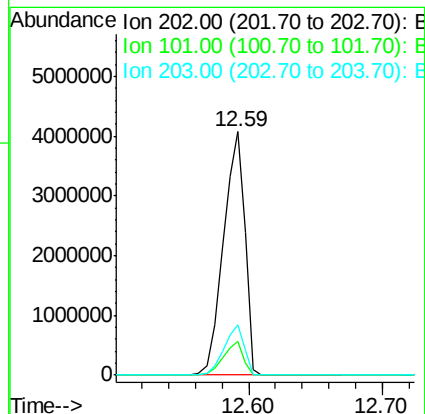
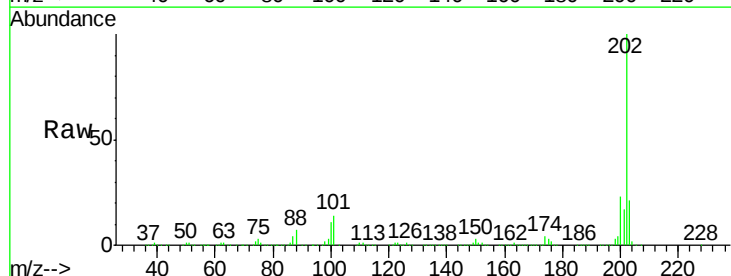
Tgt Ion:202 Resp: 4597013

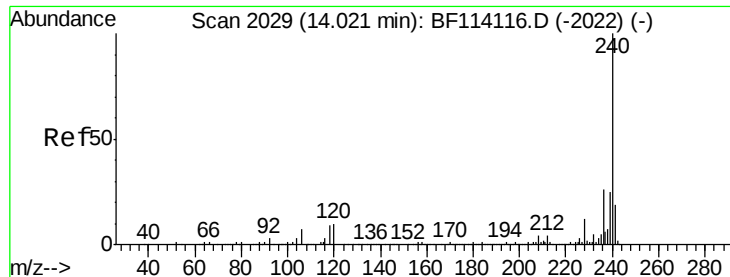
Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.0

203 20.6 0.0 38.4





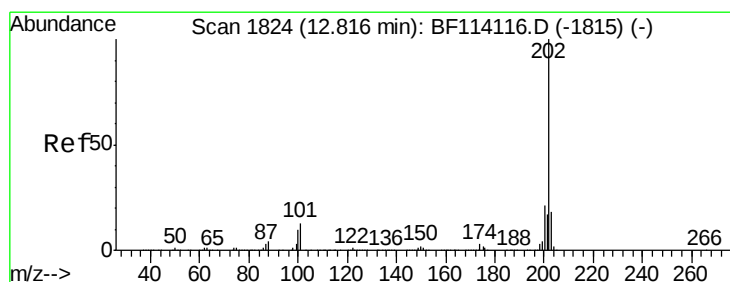
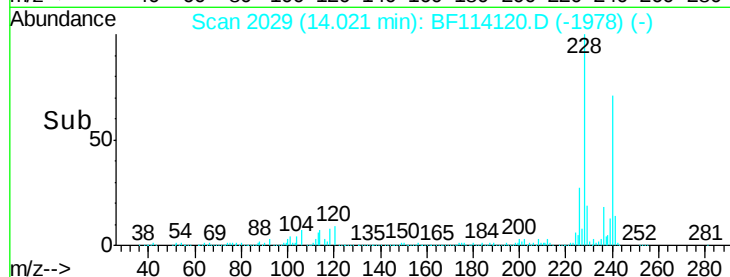
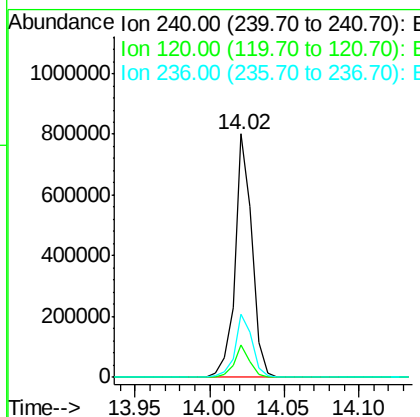
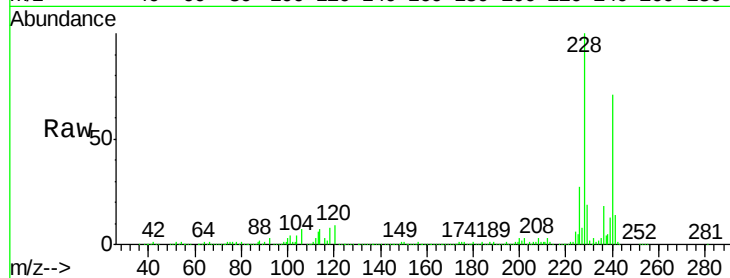
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	638471		
120	13.1	8.3	12.5#	
236	25.8	20.8	31.2	

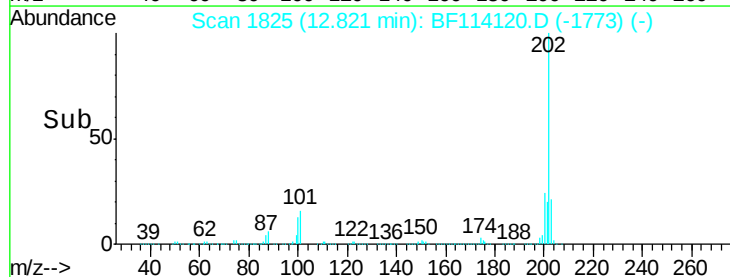
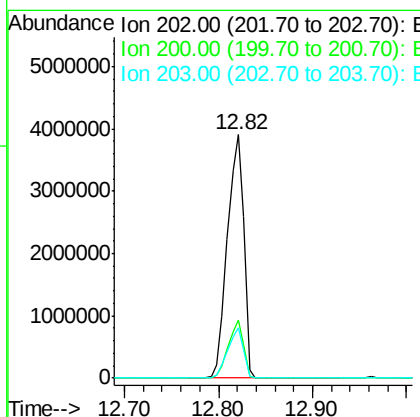
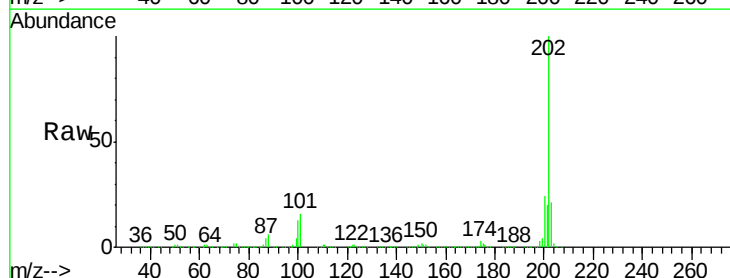
Manual Integrations
APPROVED

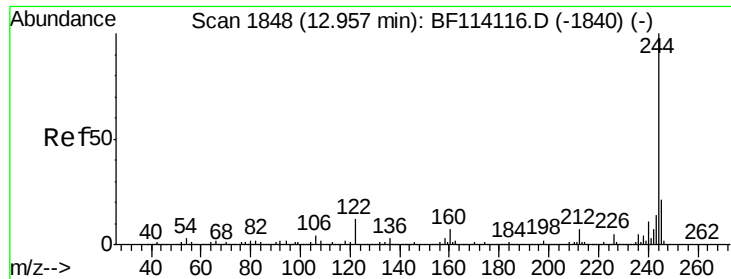
Sohil
5/13/2019 8:34:19 PM



#78
Pyrene
Concen: 106.934 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4750442		
200	23.7	16.9	25.3	
203	20.5	14.5	21.7	





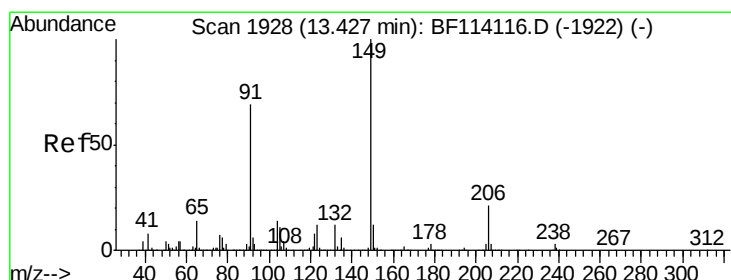
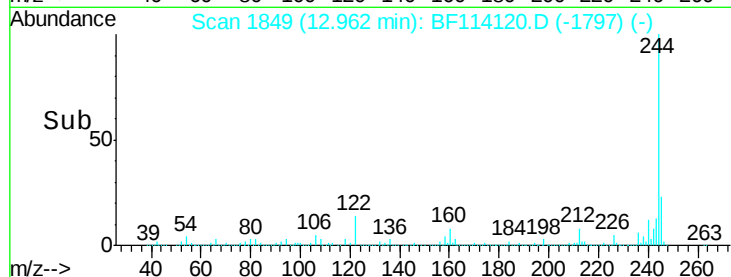
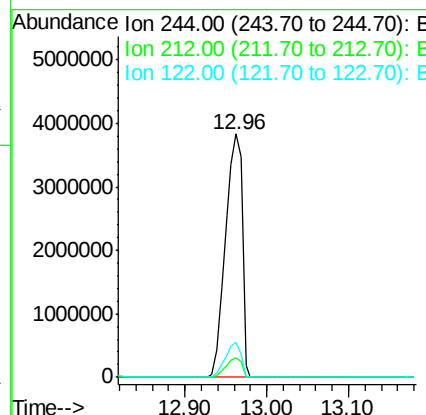
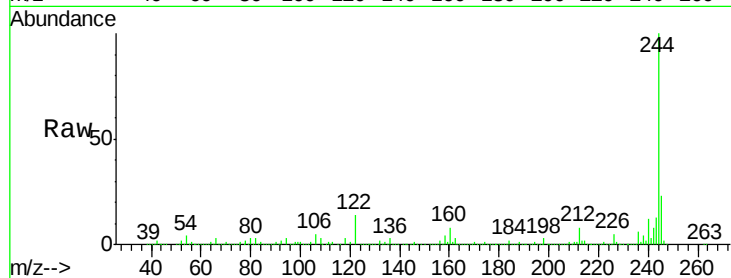
#79
 Terphenyl-d14
 Concen: 169.055 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tgt Ion: 244 Resp: 5428607
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.6
 122 14.4 9.4 14.2#

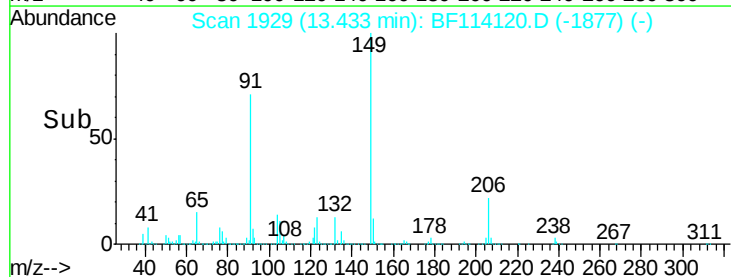
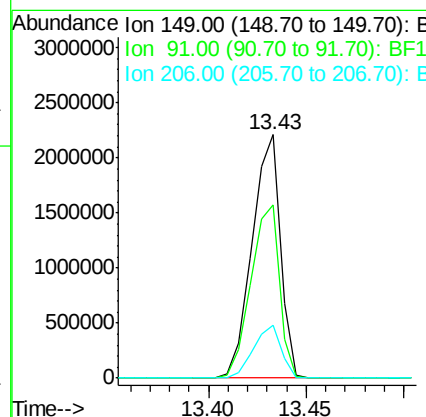
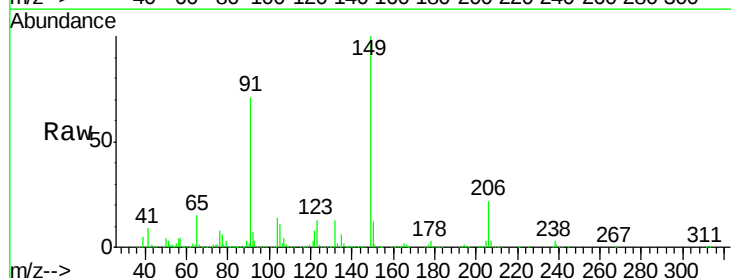
Manual Integrations
 APPROVED

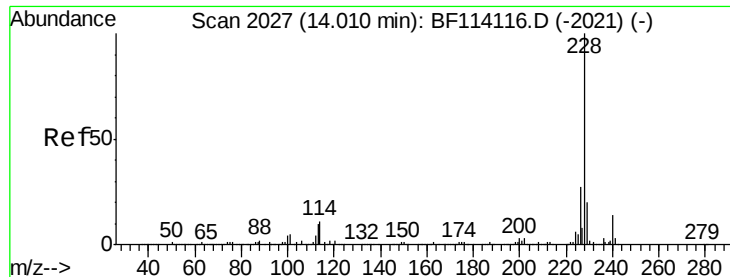
Sohil
 5/13/2019 8:34:19 PM



#80
 Butylbenzylphthalate
 Concen: 115.450 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.01 min
 Lab File: BF114120.D
 Acq: 10 May 2019 12:17

Tgt Ion: 149 Resp: 2212360
 Ion Ratio Lower Upper
 149 100
 91 71.3 55.0 82.4
 206 21.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 90.025 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:228 Resp: 3723467

Ion Ratio Lower Upper

228 100

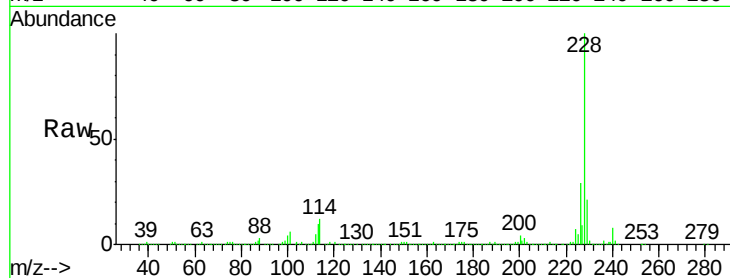
226 29.0 22.2 33.2

229 21.1 16.4 24.6

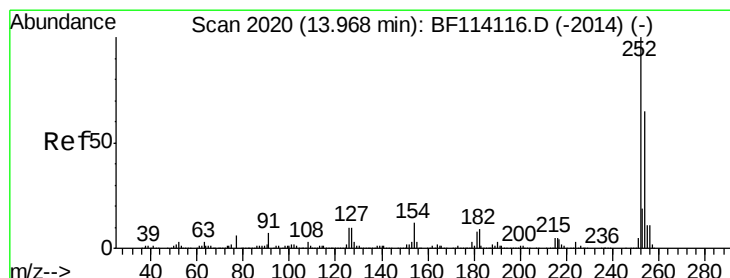
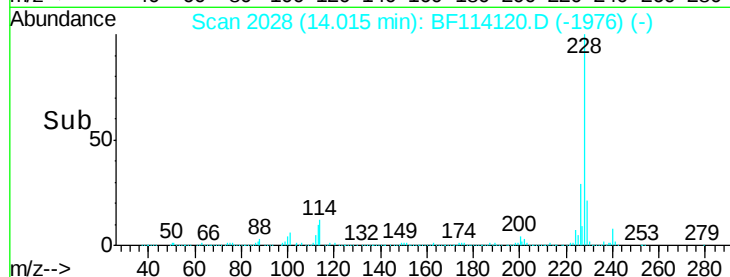
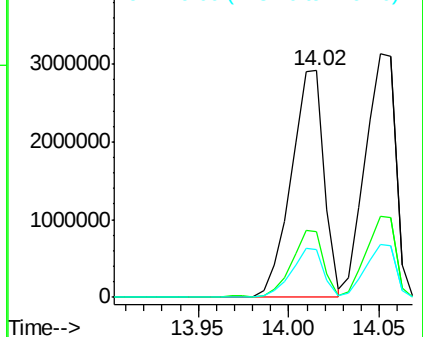
Manual Integrations
APPROVED

Sohil

5/13/2019 8:34:19 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: 91.792 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

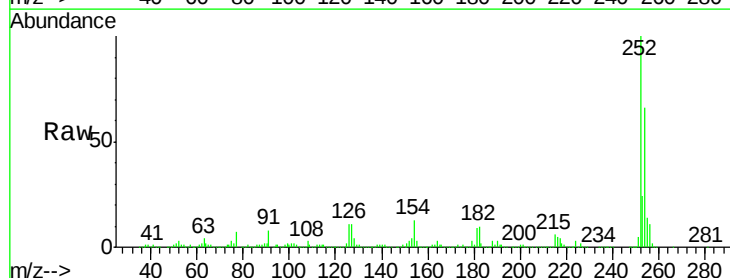
Tgt Ion:252 Resp: 1390609

Ion Ratio Lower Upper

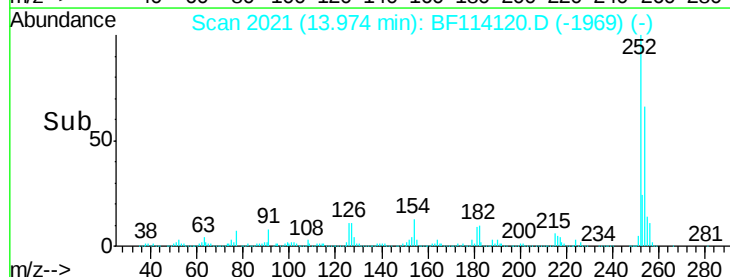
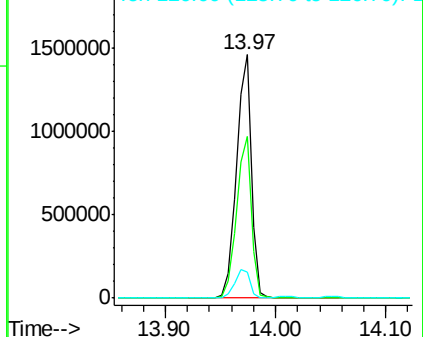
252 100

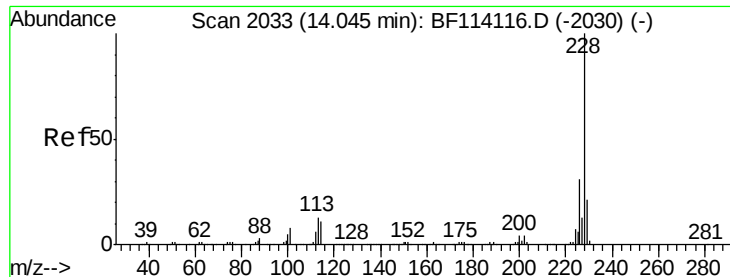
254 66.2 51.9 77.9

126 10.9 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: 91.053 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:228 Resp: 3671254

Ion Ratio Lower Upper

228 100

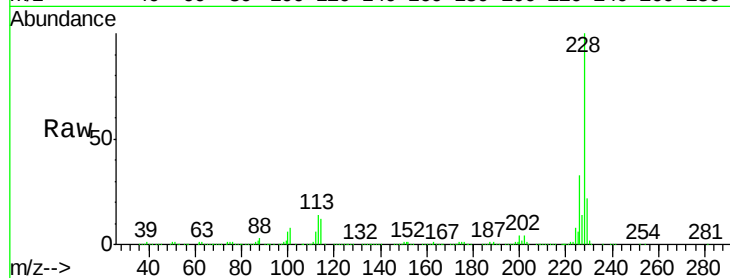
226 33.4 25.0 37.6

229 21.6 17.0 25.6

Manual Integrations
APPROVED

Sohil

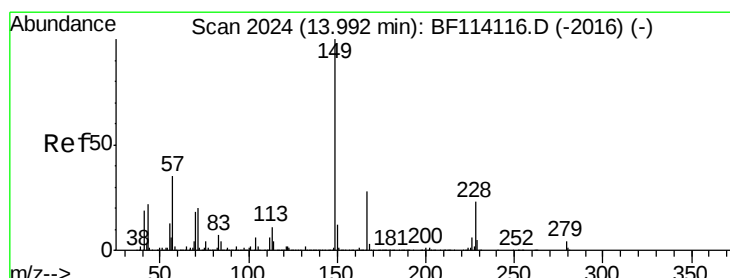
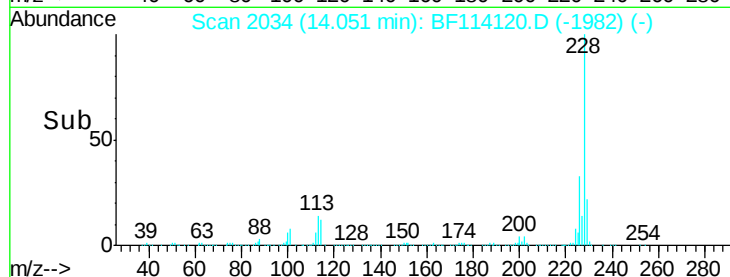
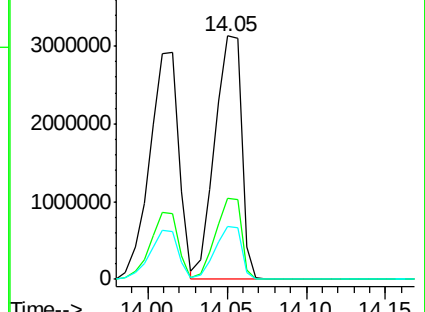
5/13/2019 8:34:19 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 99.936 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

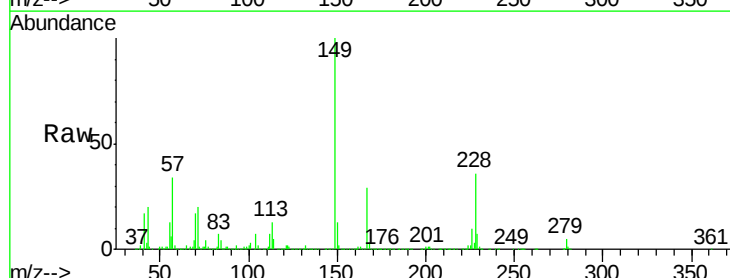
Tgt Ion:149 Resp: 2676749

Ion Ratio Lower Upper

149 100

167 29.3 22.6 33.8

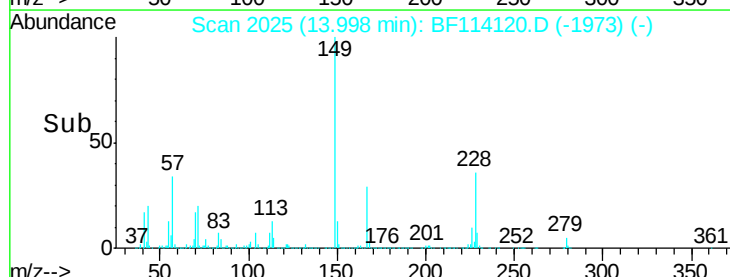
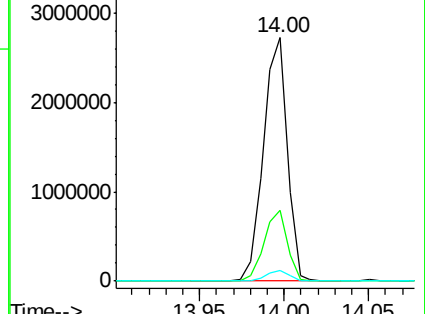
279 4.6 3.0 4.6#

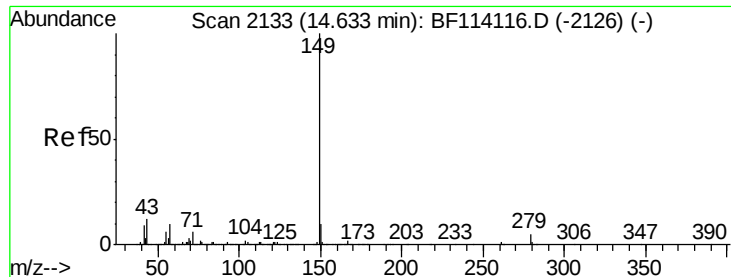


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 94.684 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:149 Resp: 4202768

Ion Ratio Lower Upper

149 100

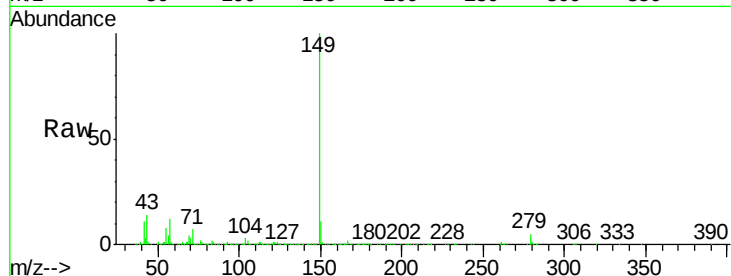
167 1.7 1.3 1.9

43 13.5 10.1 15.1

Manual Integrations
APPROVED

Sohil

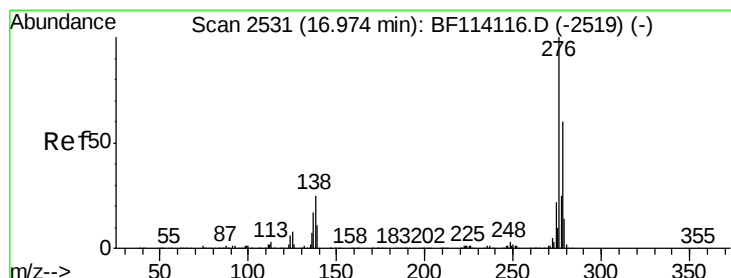
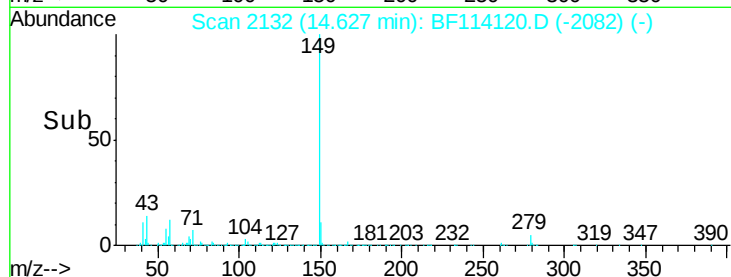
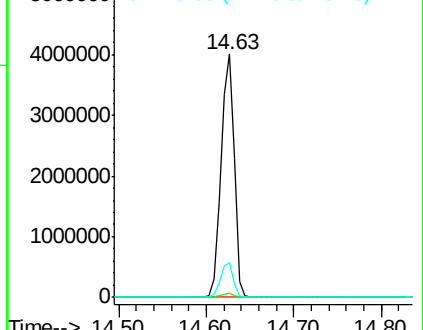
5/13/2019 8:34:19 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 102.368 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

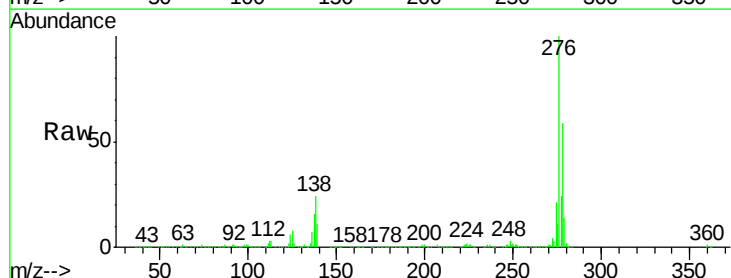
Tgt Ion:276 Resp: 3804595

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

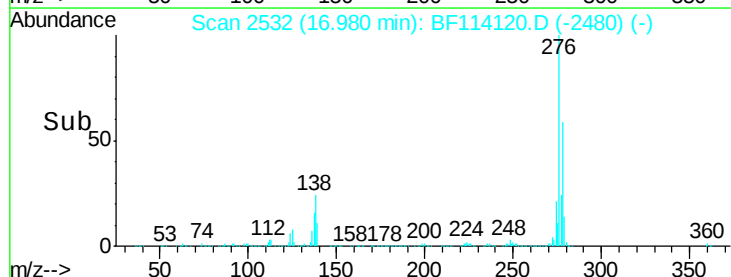
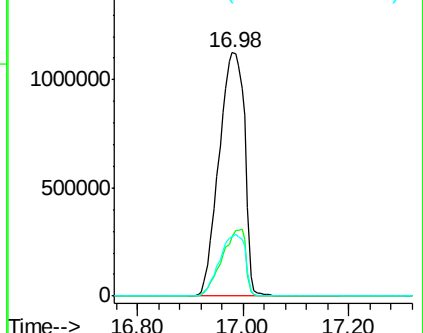
277 25.5 20.0 30.0

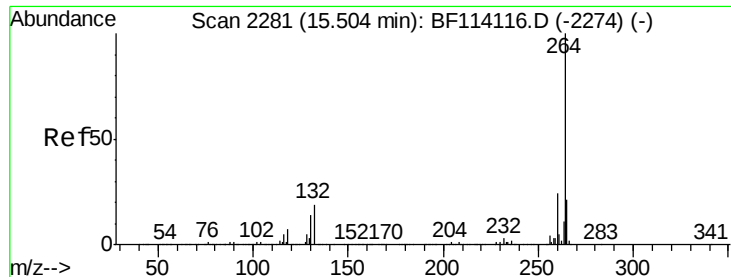


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





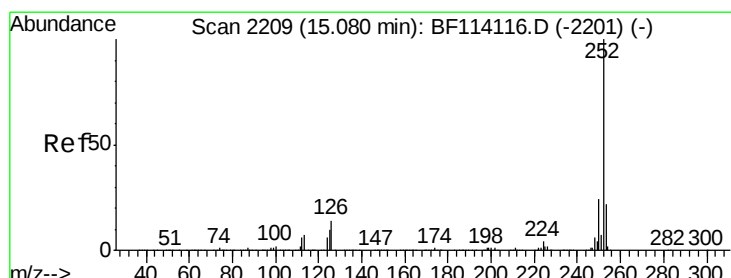
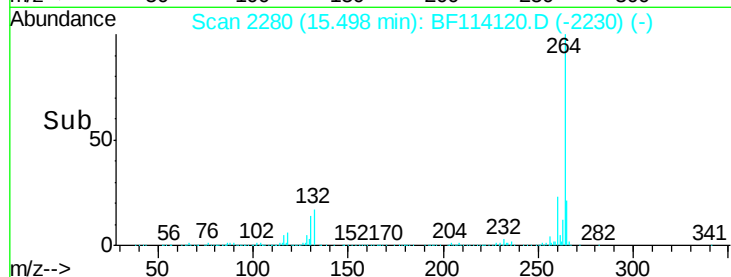
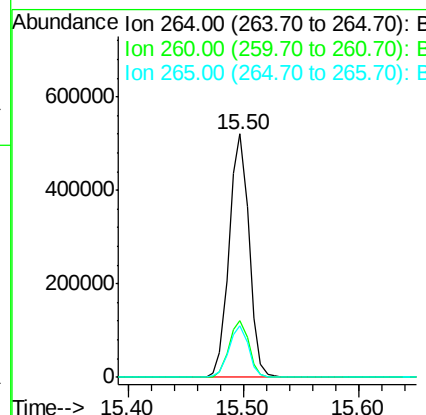
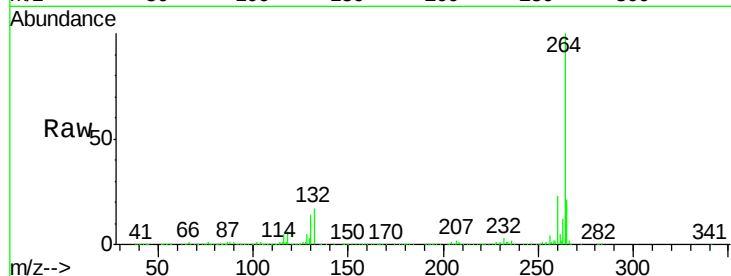
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.4	16.9	25.3

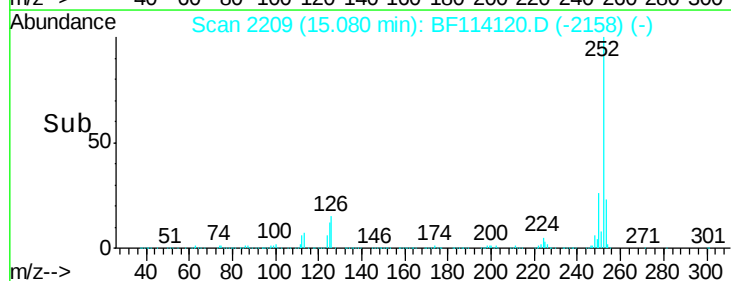
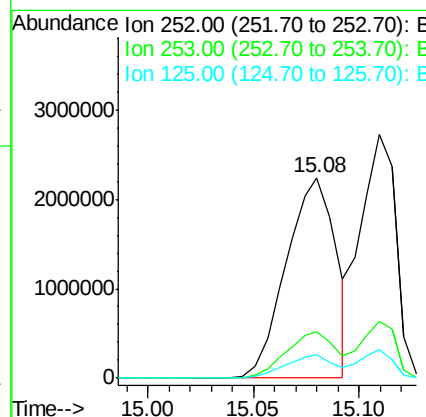
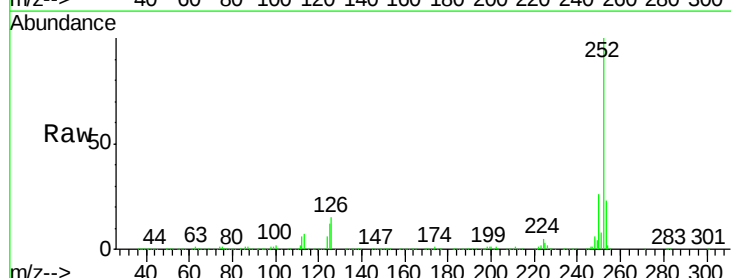
Manual Integrations
APPROVED

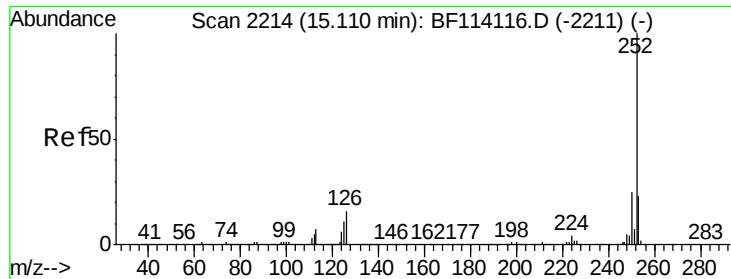
Sohil
5/13/2019 8:34:19 PM



#88
Benzo(b)fluoranthene
Concen: 94.745 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.5	8.3	12.5





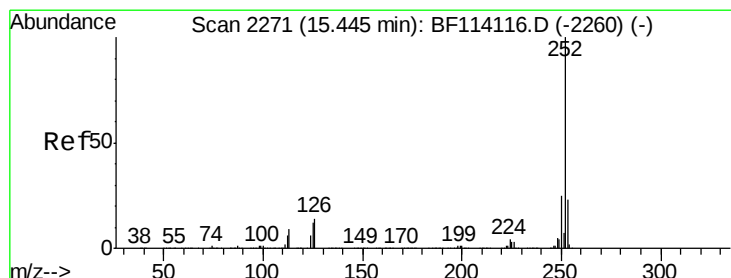
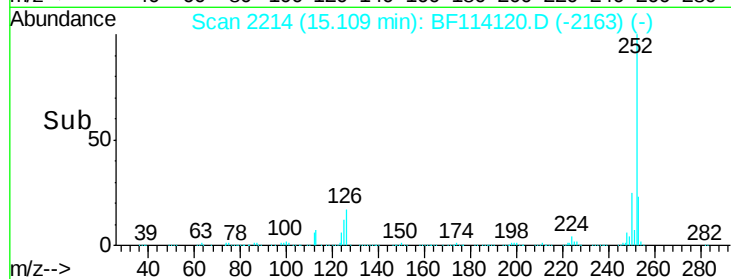
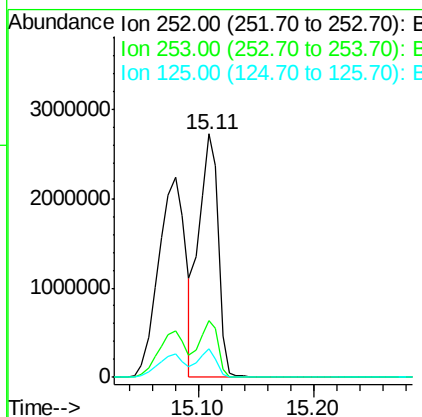
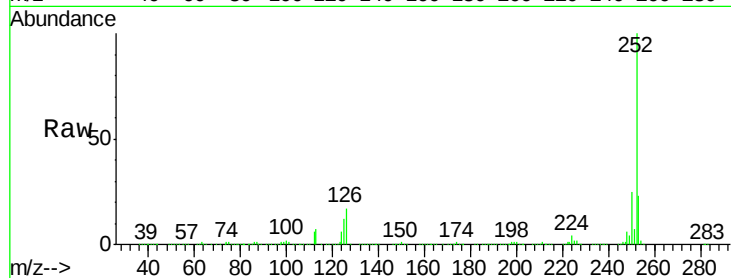
#89
Benzo(k)fluoranthene
Concen: 94.029 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.9	8.6	13.0

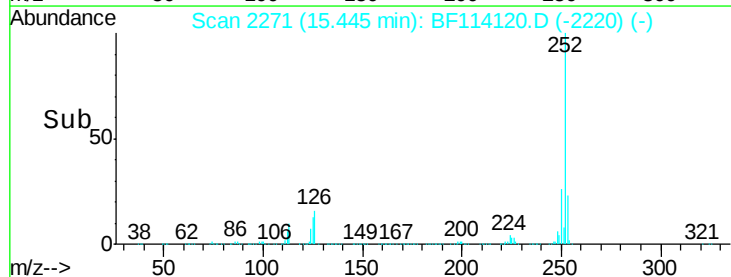
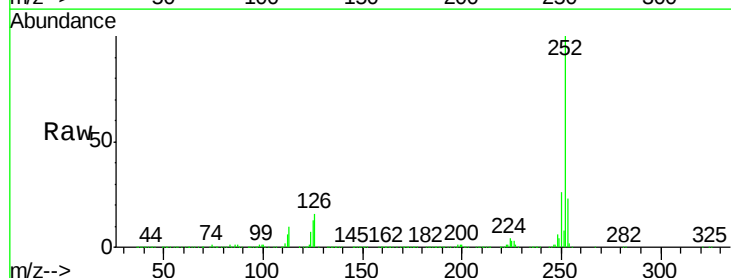
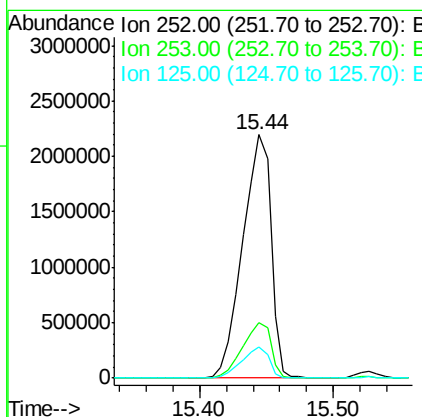
Manual Integrations
APPROVED

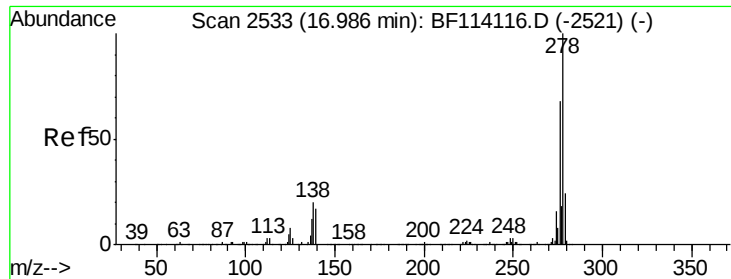
Sohil
5/13/2019 8:34:19 PM



#90
Benzo(a)pyrene
Concen: 95.021 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF114120.D
Acq: 10 May 2019 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.8	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 104.189 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.02 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tgt Ion:278 Resp: 2972135

Ion Ratio Lower Upper

278 100

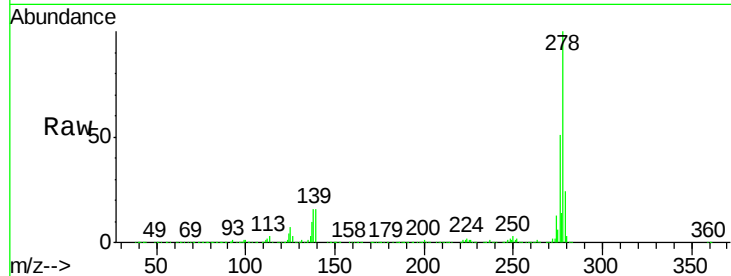
139 15.6 13.5 20.3

279 24.0 19.0 28.6

Manual Integrations
APPROVED

Sohil

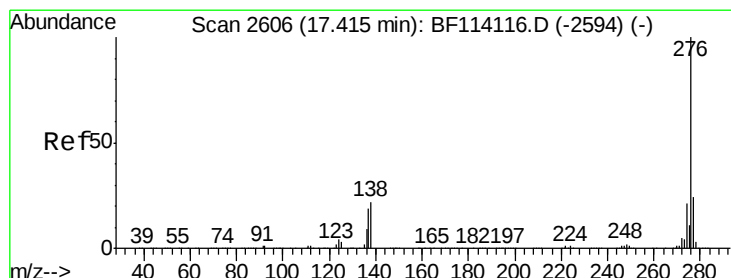
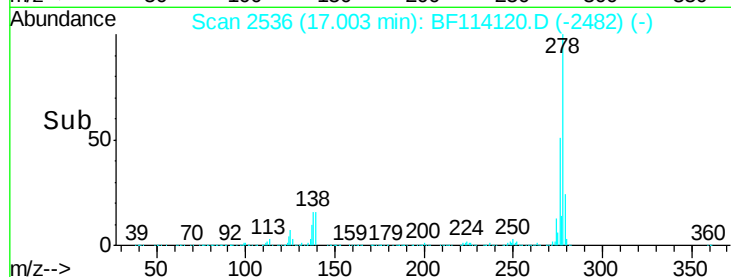
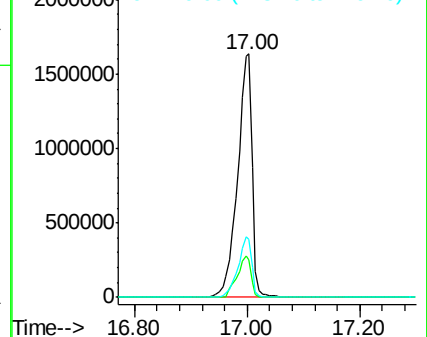
5/13/2019 8:34:19 PM



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: 113.572 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.01 min

Lab File: BF114120.D

Acq: 10 May 2019 12:17

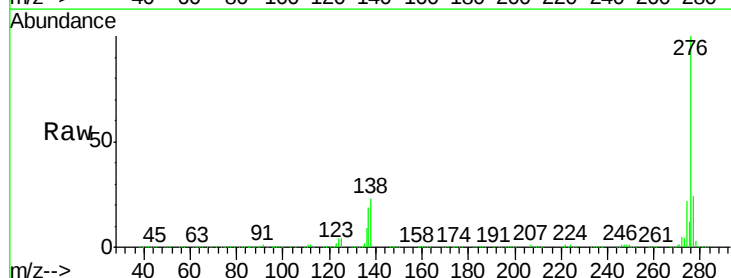
Tgt Ion:276 Resp: 3192234

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.4

138 22.9 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

