

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
 Data File : BF114001.D
 Acq On : 26 Apr 2019 11:21
 Operator : JU/SJ
 Sample : PB119139BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

Quant Time: Apr 27 00:20:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	217822	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	880277	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	471534	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	944219	20.00	ng	0.00
76) Chrysene-d12	14.07	240	719081	20.00	ng	0.00
87) Perylene-d12	15.55	264	428531	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1545051	121.32	ng	0.03
7) Phenol-d6	6.55	99	1985438	124.26	ng	0.02
23) Nitrobenzene-d5	7.46	82	1143182	80.18	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	696848	121.31	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2201843	73.03	ng	0.00
79) Terphenyl-d14	13.01	244	2584566	73.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	237429	39.549	ng	97
3) Pyridine	3.56	79	420882	25.685	ng	98
4) n-Nitrosodimethylamine	3.52	42	205374	36.613	ng	93
6) Aniline	6.57	93	578476	26.365	ng	97
8) 2-Chlorophenol	6.69	128	603833	41.529	ng	99
9) Benzaldehyde	6.45	77	29186	Below Cal		94
10) Phenol	6.56	94	743415	38.909	ng	89
11) bis(2-Chloroethyl)ether	6.64	93	585548	40.726	ng	98
12) 1,3-Dichlorobenzene	6.85	146	639439	38.830	ng	97
13) 1,4-Dichlorobenzene	6.92	146	645708	38.984	ng	98
14) 1,2-Dichlorobenzene	7.07	146	610071	40.078	ng	98
15) Benzyl Alcohol	7.05	79	520551	48.373	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	667174	39.752	ng	89
17) 2-Methylphenol	7.16	107	554849	43.533	ng	96
18) Hexachloroethane	7.42	117	233944	40.292	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	435380	42.077	ng	99
20) 3+4-Methylphenols	7.31	107	616450	42.809	ng	# 86
22) Acetophenone	7.31	105	846049	43.190	ng	# 87
24) Nitrobenzene	7.48	77	674424	42.812	ng	99
25) Isophorone	7.72	82	1248251	42.790	ng	99
26) 2-Nitrophenol	7.80	139	350696	48.798	ng	99
27) 2,4-Dimethylphenol	7.83	122	597527	51.031	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	774341	41.656	ng	99
29) 2,4-Dichlorophenol	8.05	162	580754	43.373	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	632802	42.385	ng	100
31) Naphthalene	8.20	128	1754789	41.962	ng	100
32) Benzoic acid	7.99	122	421799	53.343	ng	95
33) 4-Chloroaniline	8.25	127	504873	28.533	ng	98
34) Hexachlorobutadiene	8.32	225	376910	40.498	ng	99
35) Caprolactam	8.65	113	192678m	45.236	ng	
36) 4-Chloro-3-methylphenol	8.74	107	578747	43.628	ng	99
37) 2-Methylnaphthalene	8.90	142	1222121	43.338	ng	98
38) 1-Methylnaphthalene	9.00	142	1144226	42.040	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	624408	40.766	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
 Data File : BF114001.D
 Acq On : 26 Apr 2019 11:21
 Operator : JU/SJ
 Sample : PB119139BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

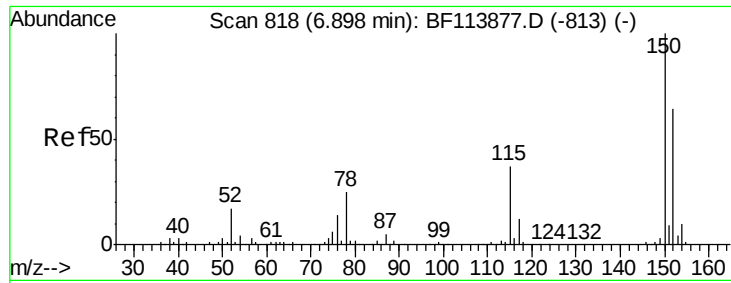
Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

Quant Time: Apr 27 00:20:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	556043	65.100	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	445116	45.765	ng	100
44) 2,4,5-Trichlorophenol	9.23	196	470295	43.109	ng	99
46) 1,1'-Biphenyl	9.36	154	1490712	41.384	ng	98
47) 2-Chloronaphthalene	9.39	162	1220412	41.662	ng	98
48) 2-Nitroaniline	9.48	65	353796	46.072	ng	91
49) Acenaphthylene	9.80	152	1815753	39.594	ng	100
50) Dimethylphthalate	9.66	163	1478604	43.358	ng	100
51) 2,6-Dinitrotoluene	9.72	165	341330	46.654	ng	95
52) Acenaphthene	9.97	154	1123933	41.470	ng	97
53) 3-Nitroaniline	9.89	138	269093	35.002	ng	93
54) 2,4-Dinitrophenol	10.00	184	365369	111.743	ng	# 1
55) Dibenzofuran	10.15	168	1669412	41.121	ng	96
56) 4-Nitrophenol	10.06	139	552462	90.759	ng	93
57) 2,4-Dinitrotoluene	10.13	165	457307	49.521	ng	95
58) Fluorene	10.49	166	1264327	41.366	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	432148	45.076	ng	100
60) Diethylphthalate	10.36	149	1400554	43.248	ng	100
61) 4-Chlorophenyl-phenylether	10.48	204	656211	40.540	ng	100
62) 4-Nitroaniline	10.52	138	341857	45.566	ng	95
63) Azobenzene	10.64	77	1277783	40.711	ng	96
65) 4,6-Dinitro-2-methylphenol	10.54	198	230371	52.434	ng	96
66) n-Nitrosodiphenylamine	10.60	169	1173941	41.436	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	456039	39.980	ng	97
68) Hexachlorobenzene	11.04	284	500930	39.964	ng	96
69) Atrazine	11.12	200	349046	37.872	ng	98
70) Pentachlorophenol	11.23	266	601982	84.823	ng	96
71) Phenanthrene	11.45	178	1928912	40.649	ng	99
72) Anthracene	11.50	178	1938521	40.454	ng	99
73) Carbazole	11.65	167	1755446	41.062	ng	98
74) Di-n-butylphthalate	11.98	149	2070152	41.165	ng	99
75) Fluoranthene	12.64	202	2017786	38.975	ng	99
77) Benzidine	12.75	184	275441	12.856	ng	97
78) Pyrene	12.87	202	2009730	39.966	ng	99
80) Butylbenzylphthalate	13.47	149	854456	43.187	ng	98
81) Benzo(a)anthracene	14.06	228	1729845	40.830	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	570770	36.756	ng	# 99
83) Chrysene	14.10	228	1685824	40.857	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1148616	45.629	ng	99
85) Di-n-octyl phthalate	14.66	149	1755674	44.559	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1409772	36.070	ng	99
88) Benzo(b)fluoranthene	15.13	252	1551701	57.231	ng	100
89) Benzo(k)fluoranthene	15.16	252	1355101	58.104	ng	99
90) Benzo(a)pyrene	15.50	252	1323907	56.453	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	1172027	53.240	ng	99
92) Benzo(g,h,i)perylene	17.52	276	1211956	54.553	ng	98

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



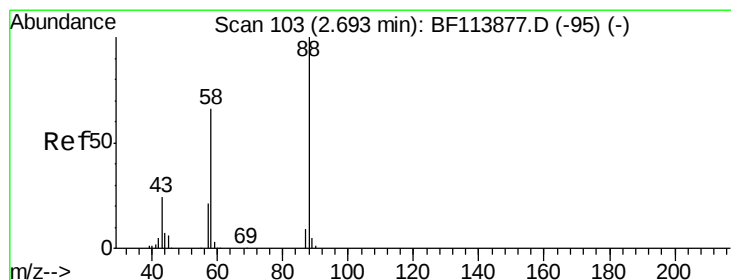
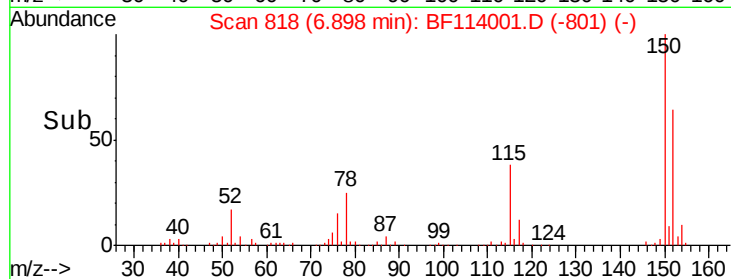
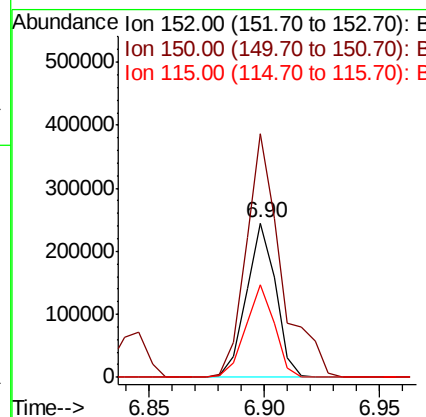
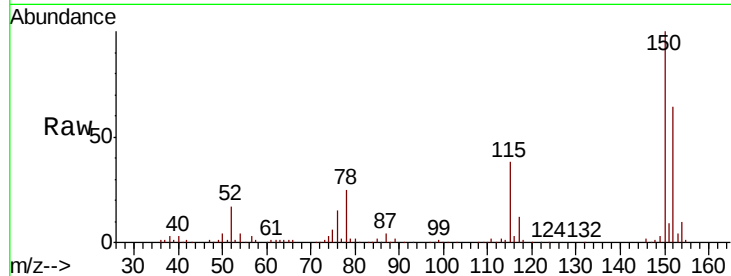
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleID :
 PB119139BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.9	188.9
115	59.6	45.9	68.9

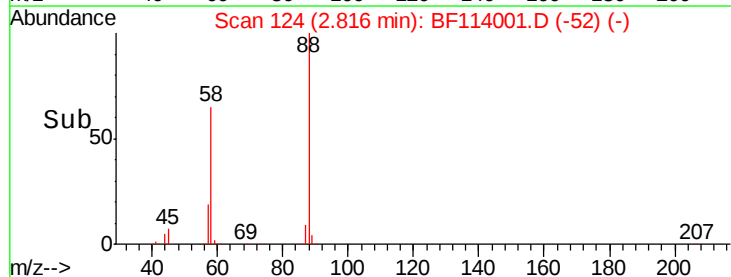
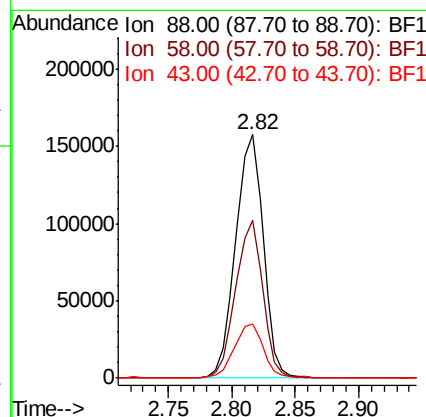
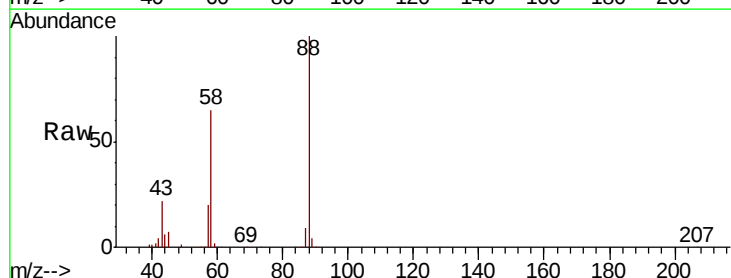
Manual Integrations
 APPROVED

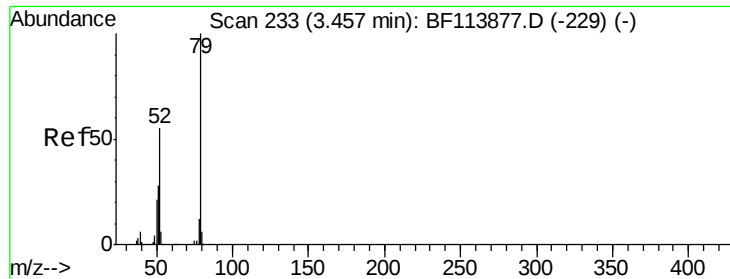
Sohil
 4/27/2019 2:36:37 AM



#2
 1,4-Dioxane
 Concen: 39.549 ng
 RT: 2.82 min Scan# 124
 Delta R.T. 0.12 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.5	53.3	79.9
43	22.8	19.0	28.4





#3

Pyridine

Concen: 25.685 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.11 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

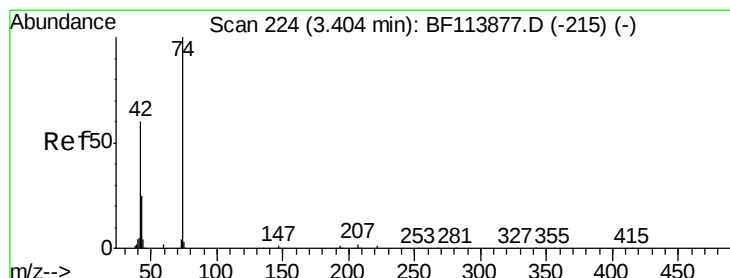
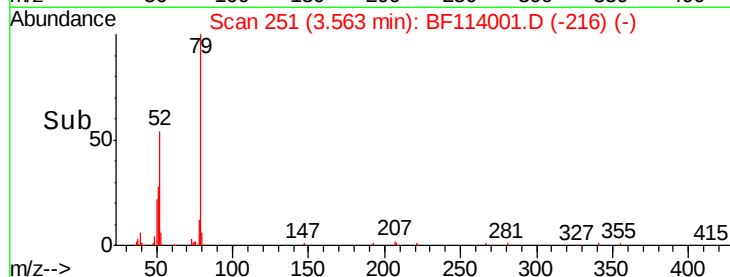
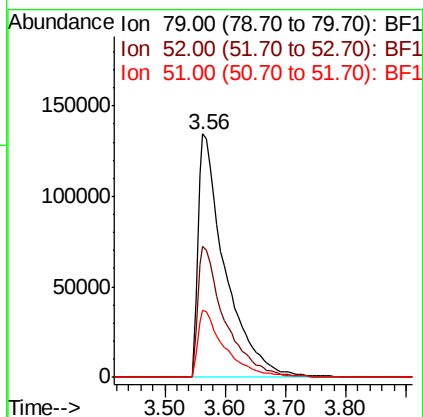
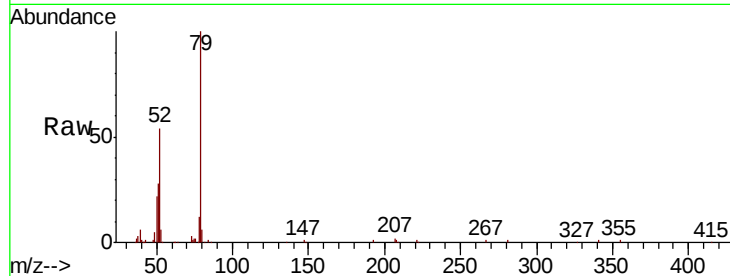
ClientSampleId :

PB119139BS

Tgt Ion:	79	Resp:	420882
Ion	Ratio	Lower	Upper
79	100		
52	54.0	45.3	67.9
51	27.7	22.1	33.1

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



#4

n-Nitrosodimethylamine

Concen: 36.613 ng

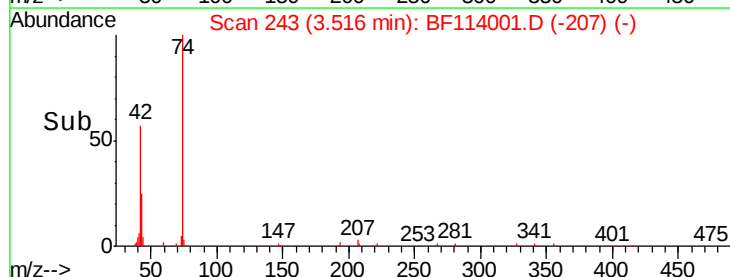
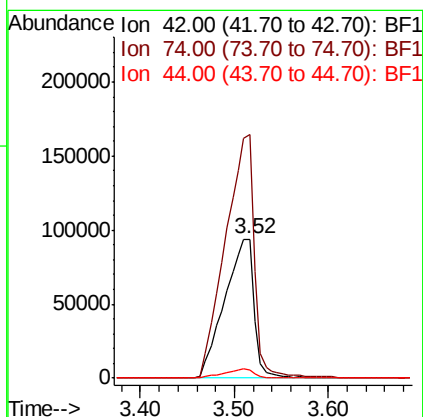
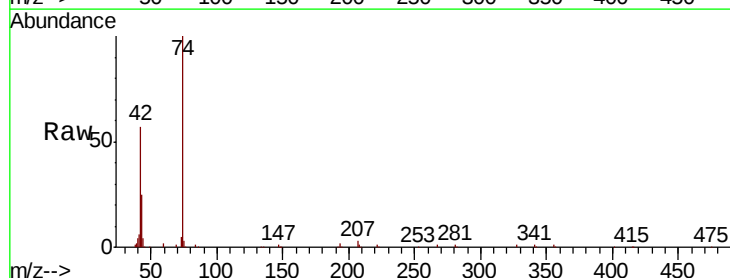
RT: 3.52 min Scan# 243

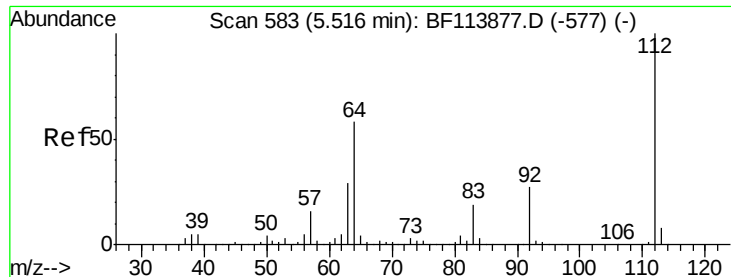
Delta R.T. 0.11 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	42	Resp:	205374
Ion	Ratio	Lower	Upper
42	100		
74	174.8	132.6	198.8
44	6.3	5.8	8.8





#5

2-Fluorophenol

Concen: 121.319 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

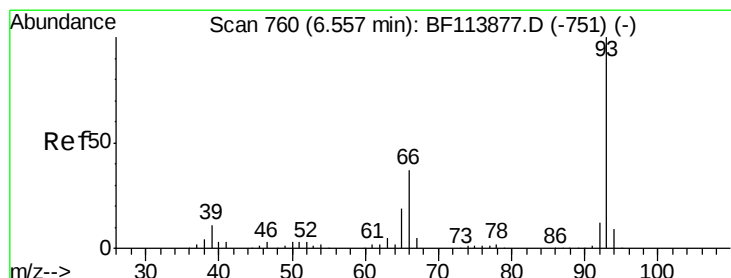
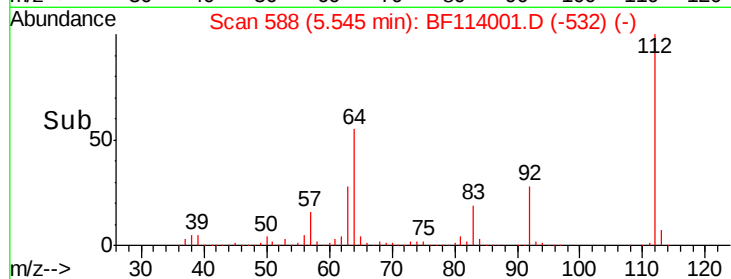
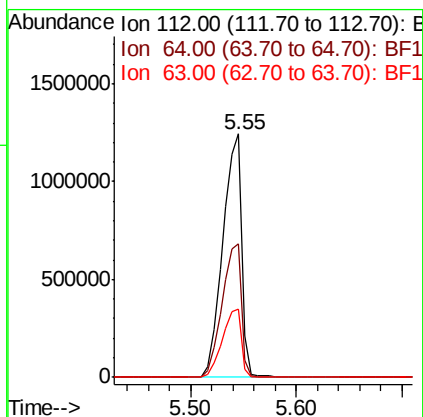
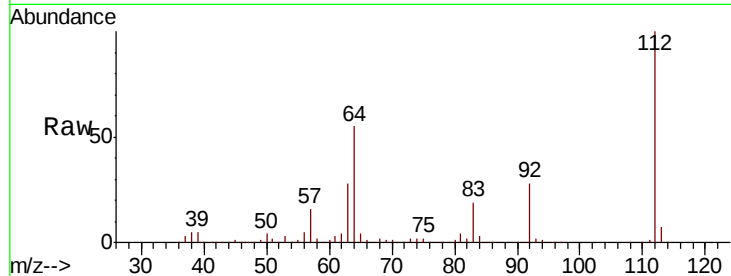
ClientSampleId :

PB119139BS

Tgt Ion:	112	Resp:	1545051
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.6	69.8
63	28.1	23.1	34.7

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



#6

Aniline

Concen: 26.365 ng

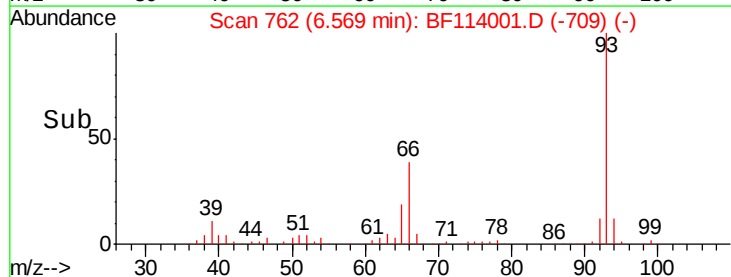
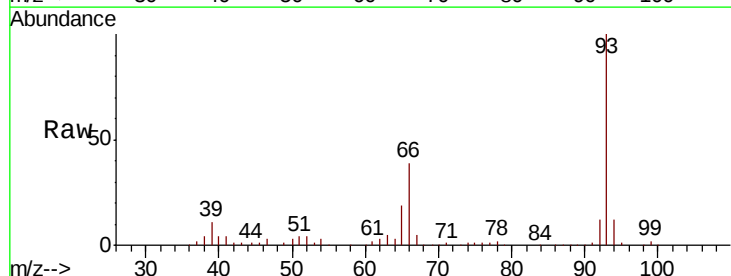
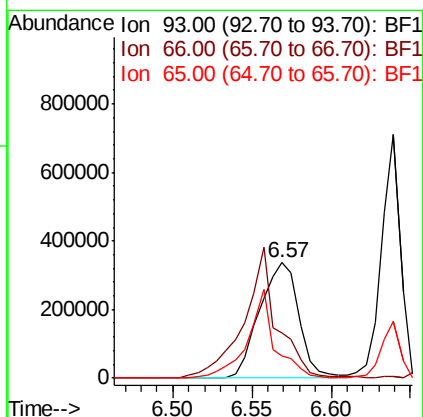
RT: 6.57 min Scan# 762

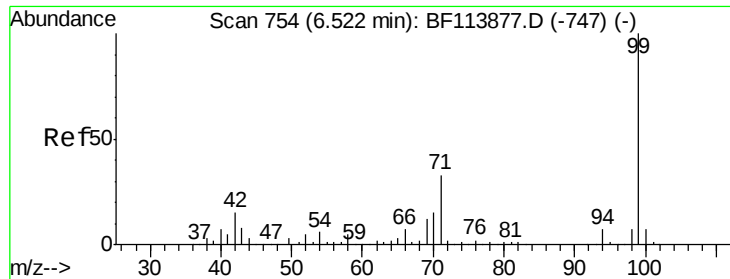
Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	93	Resp:	578476
Ion	Ratio	Lower	Upper
93	100		
66	39.3	29.8	44.6
65	19.4	14.9	22.3





#7

Phenol-d6

Concen: 124.259 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

Tgt Ion: 99 Resp: 1985438

Ion Ratio Lower Upper

99 100

42 15.7 12.5 18.7

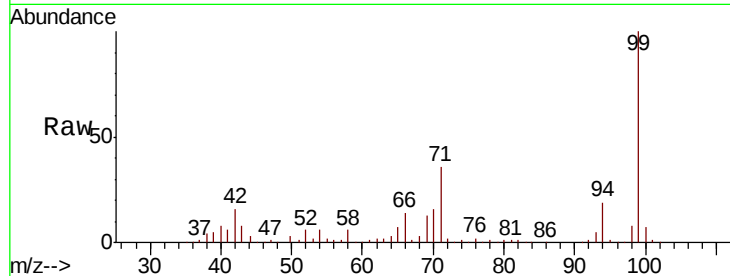
71 35.5 26.9 40.3

Manual Integrations

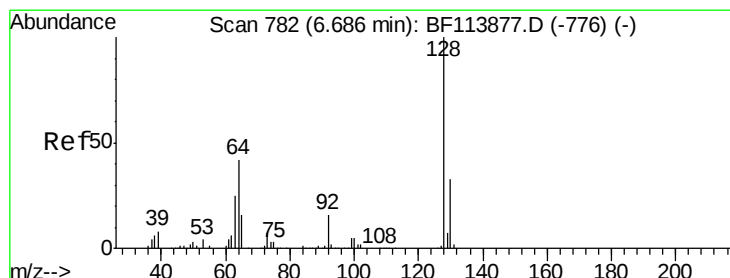
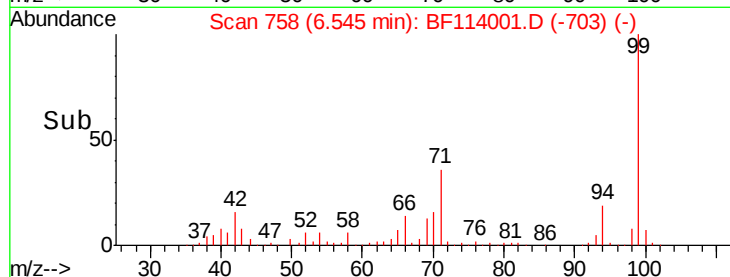
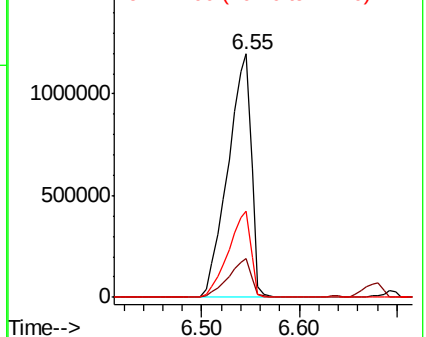
APPROVED

Sohil

4/27/2019 2:36:37 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.529 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

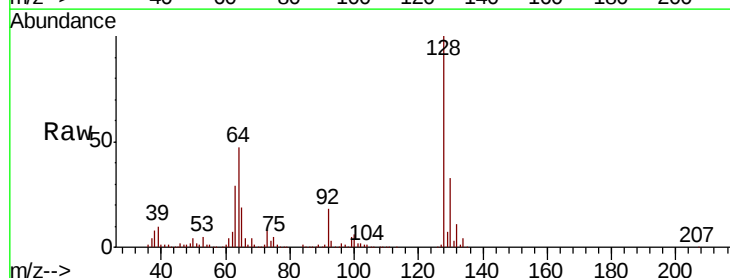
Tgt Ion: 128 Resp: 603833

Ion Ratio Lower Upper

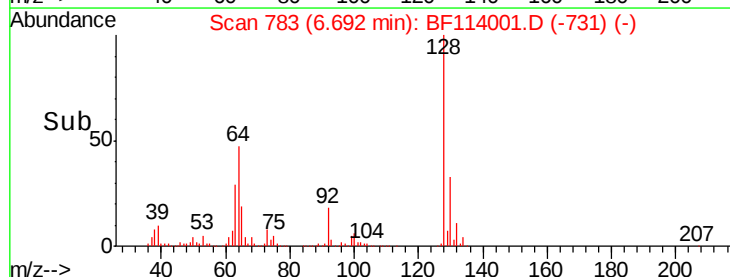
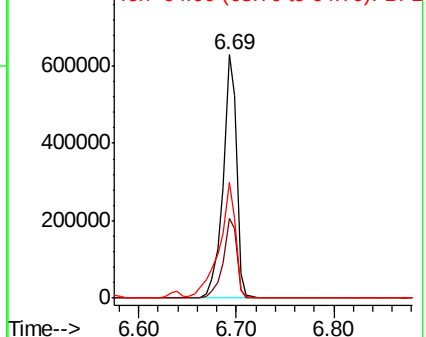
128 100

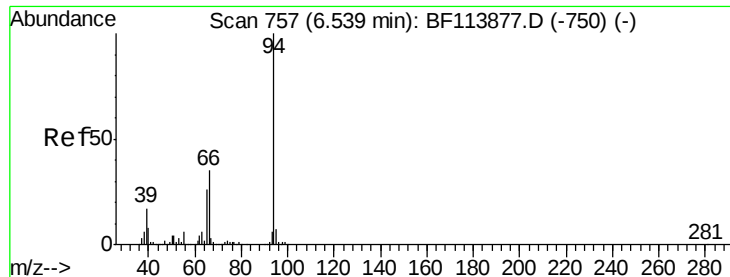
130 32.5 12.3 52.3

64 47.3 26.1 66.1



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





#10

Phenol

Concen: 38.909 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

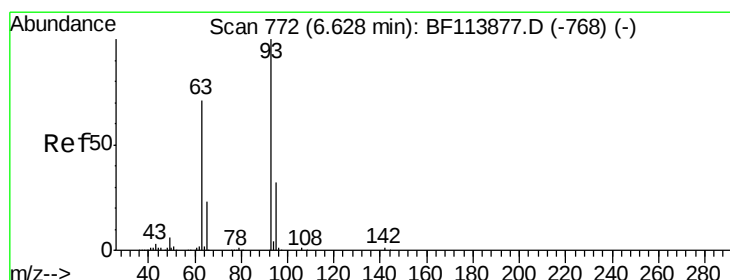
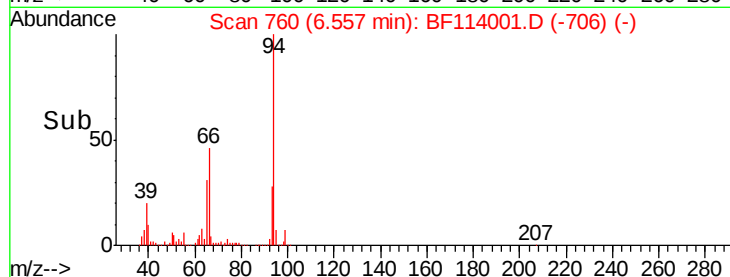
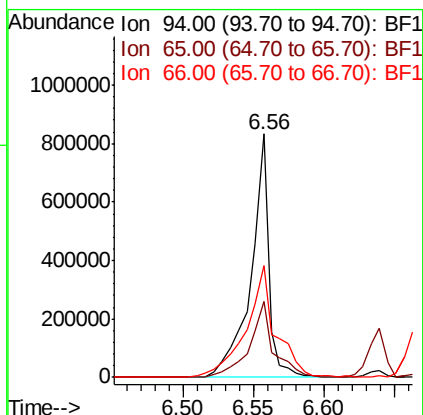
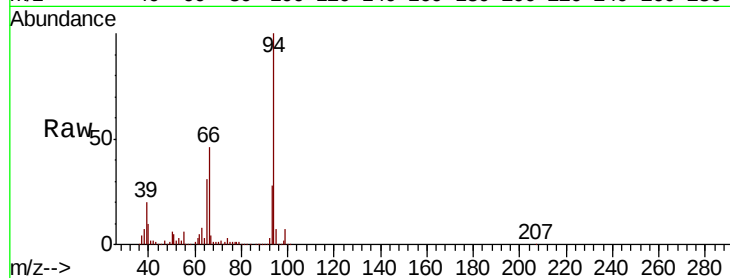
ClientSampled :

PB119139BS

Tgt Ion:	94	Resp:	743415
Ion	Ratio	Lower	Upper
94	100		
65	31.1	8.1	48.1
66	46.0	16.6	56.6

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



#11

bis(2-Chloroethyl)ether

Concen: 40.726 ng

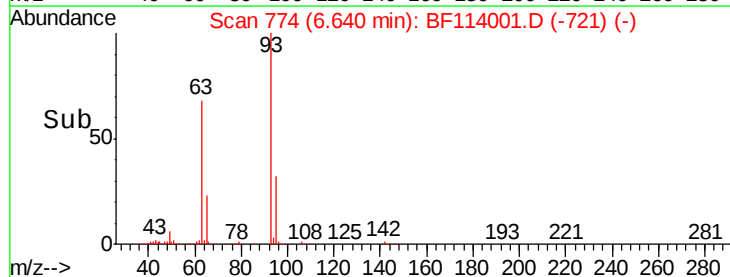
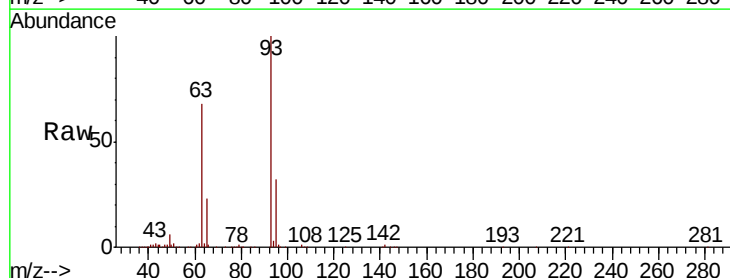
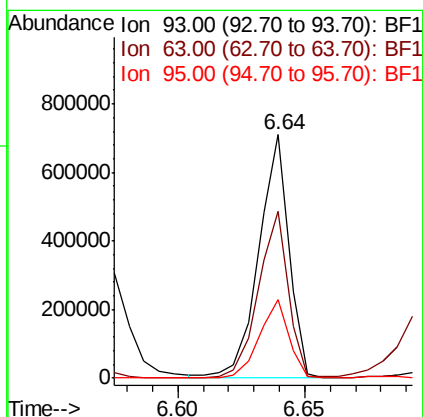
RT: 6.64 min Scan# 774

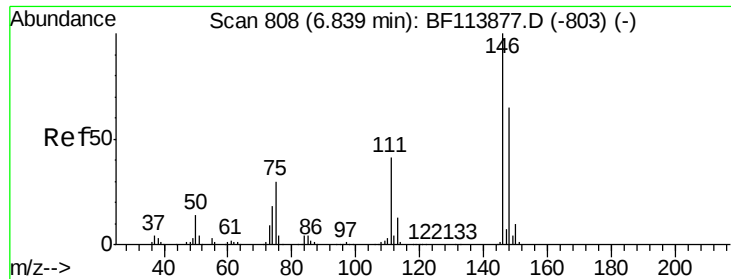
Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	93	Resp:	585548
Ion	Ratio	Lower	Upper
93	100		
63	68.3	50.7	90.7
95	32.4	12.3	52.3





#12

1,3-Dichlorobenzene

Concen: 38.830 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

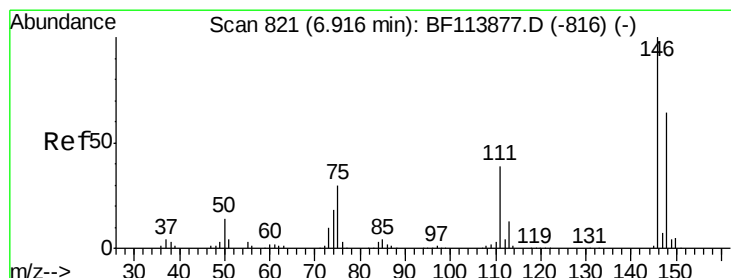
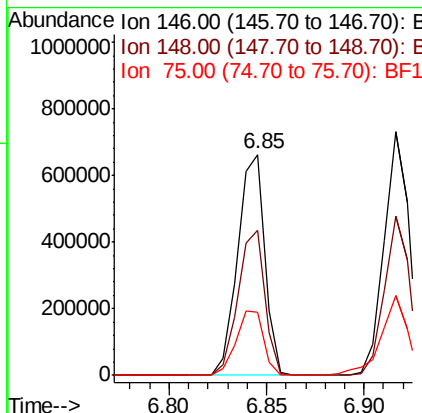
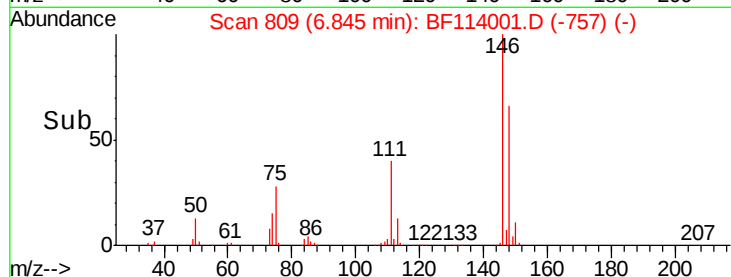
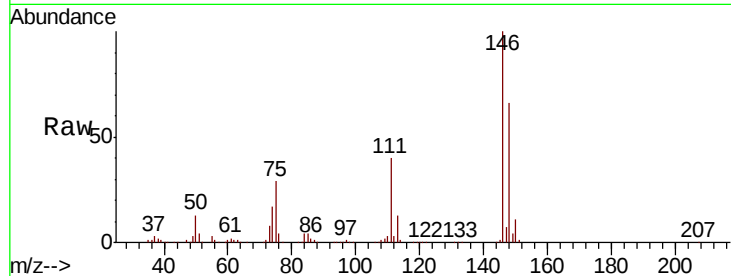
ClientSampleId :

PB119139BS

Tgt Ion:	146	Resp:	639439
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.0	76.6
75	28.6	23.8	35.8

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



#13

1,4-Dichlorobenzene

Concen: 38.984 ng

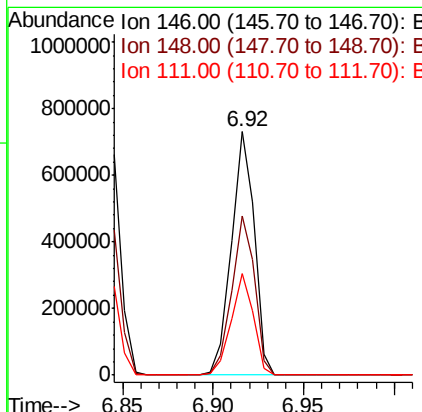
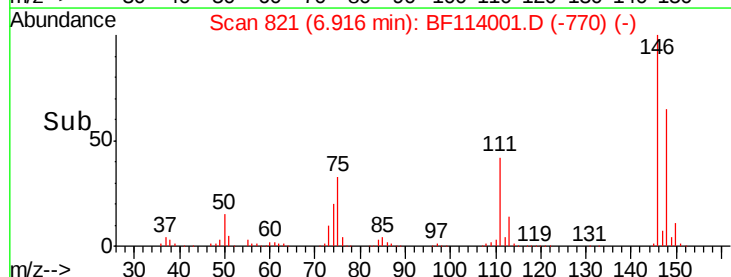
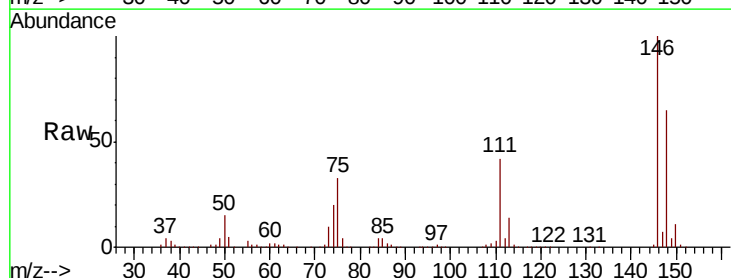
RT: 6.92 min Scan# 821

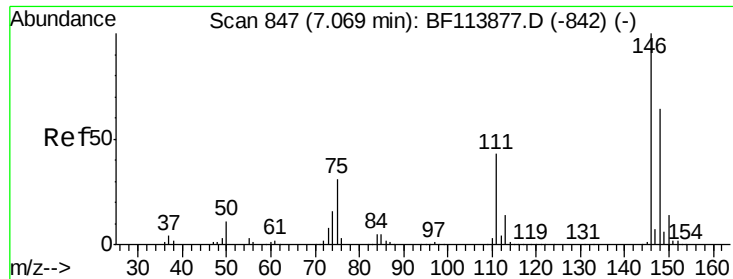
Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	146	Resp:	645708
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.8	77.8
111	41.8	30.9	46.3





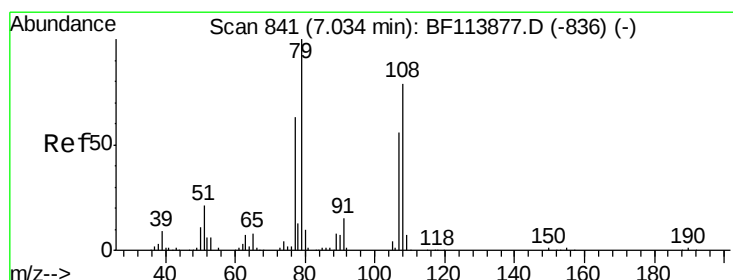
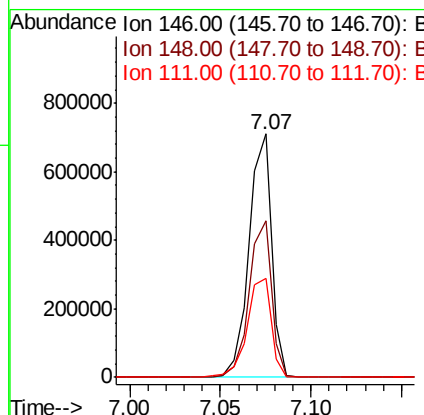
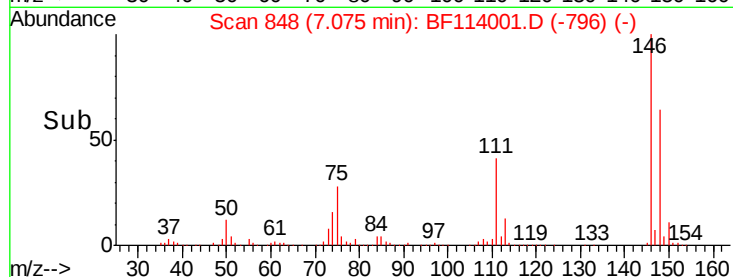
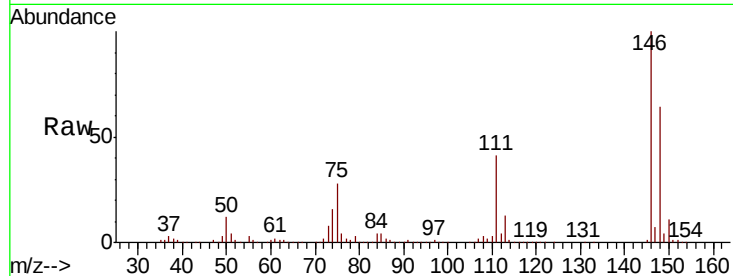
#14
1,2-Dichlorobenzene
Concen: 40.078 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion: 146 Resp: 610071
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
111 40.9 34.2 51.4

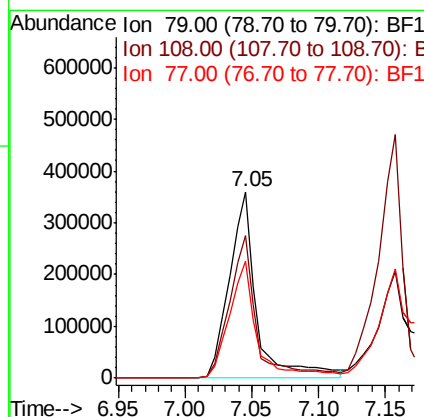
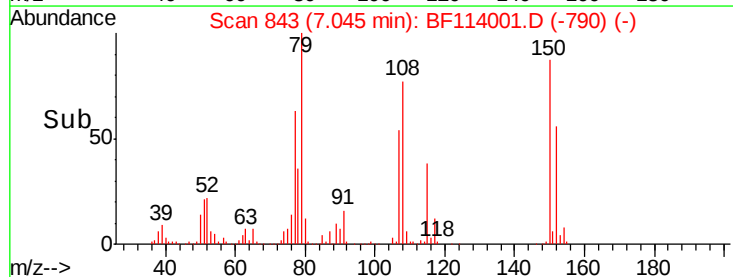
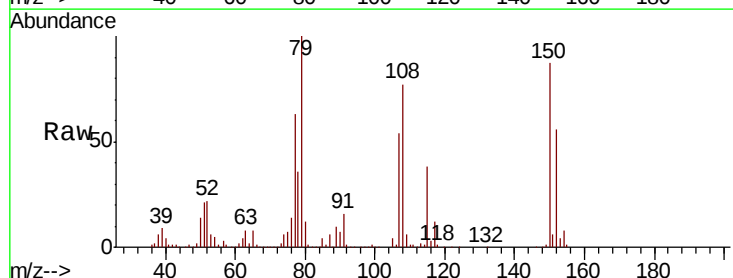
Manual Integrations
APPROVED

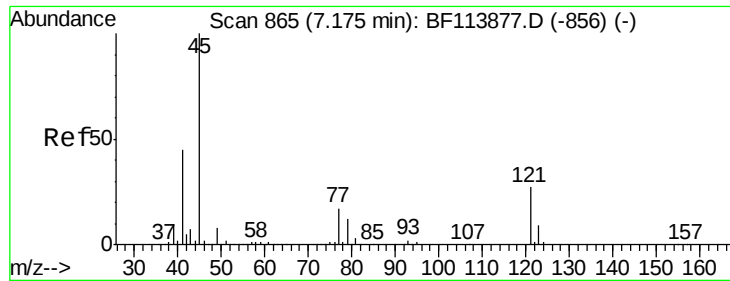
Sohil
4/27/2019 2:36:37 AM



#15
Benzyl Alcohol
Concen: 48.373 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion: 79 Resp: 520551
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 62.9 51.6 77.4





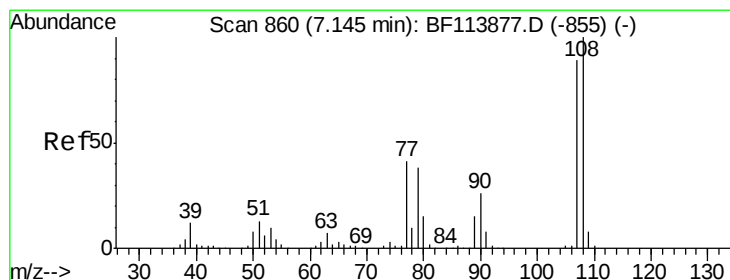
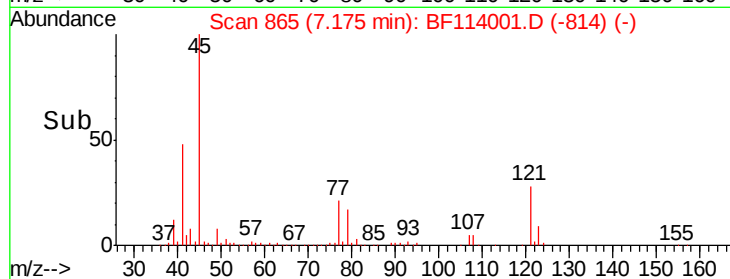
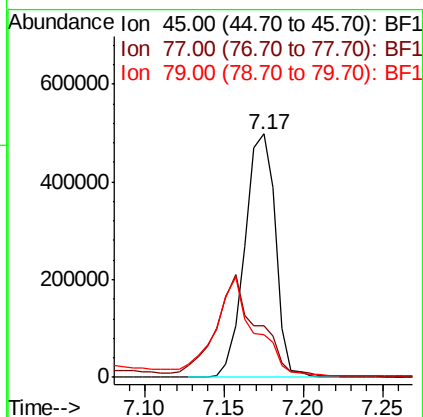
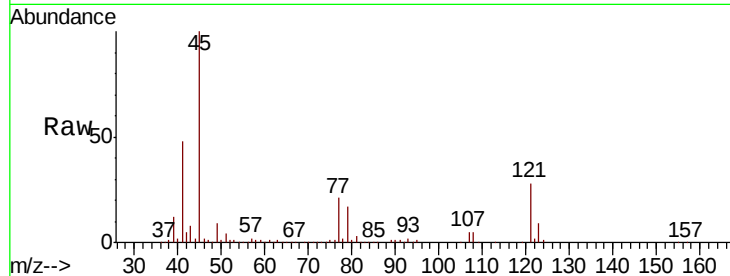
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.752 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	37.0
79	17.4	0.0	32.7

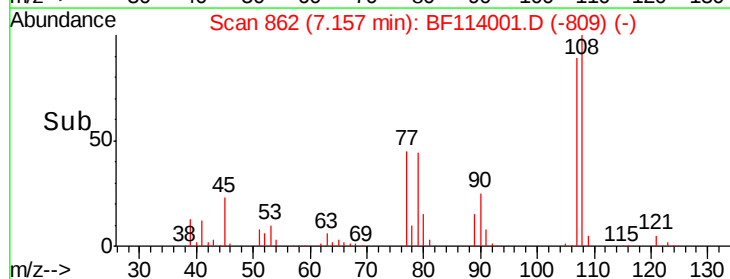
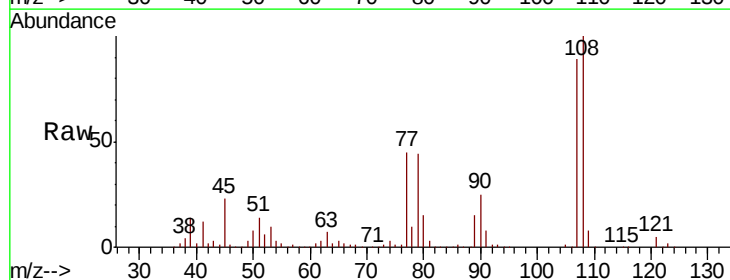
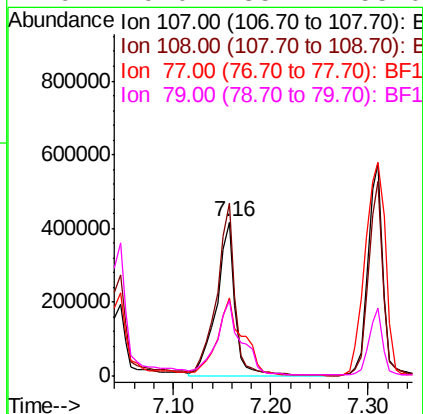
Manual Integrations
APPROVED

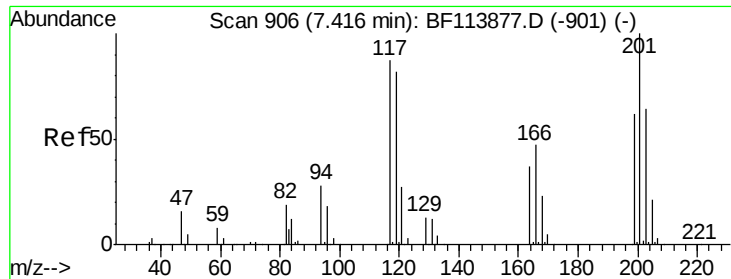
Sohil
4/27/2019 2:36:37 AM



#17
2-Methylphenol
Concen: 43.533 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.5	137.3
77	50.3	36.2	54.4
79	49.0	35.4	53.0





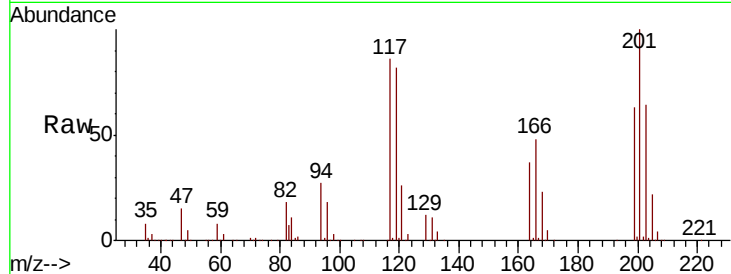
#18
Hexachloroethane
Concen: 40.292 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	233944		
119	94.8	74.4	111.6	
201	116.2	90.2	135.2	

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM

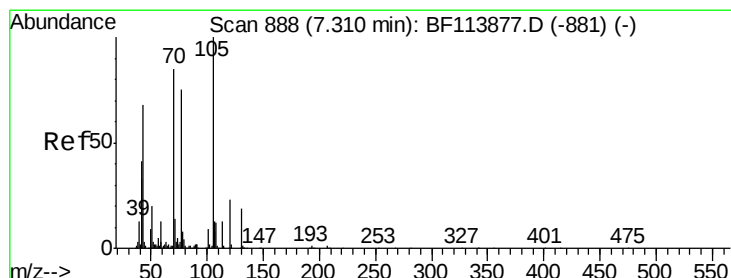
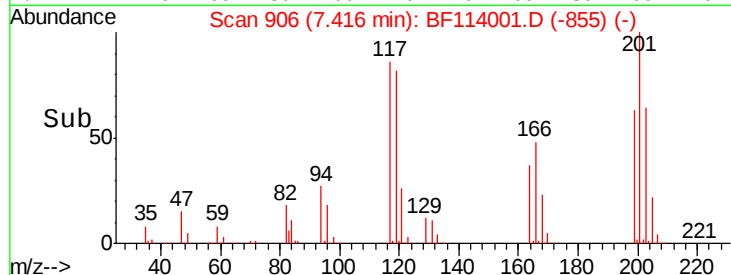
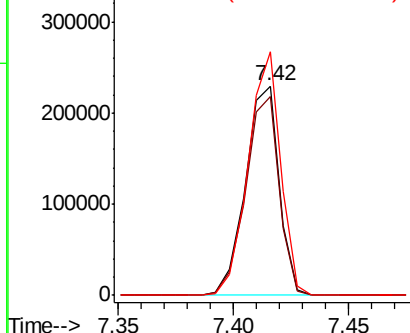


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 42.077 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	435380		
42	46.0	37.3	55.9	
101	10.2	7.8	11.8	
130	22.6	18.2	27.2	

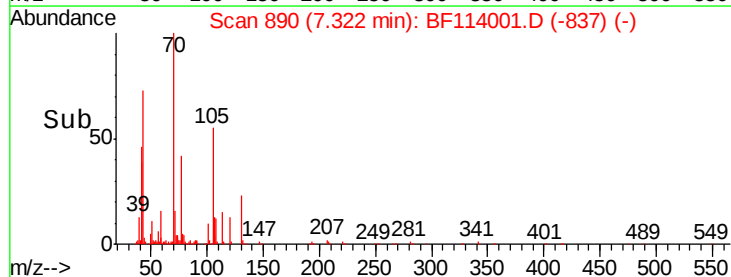
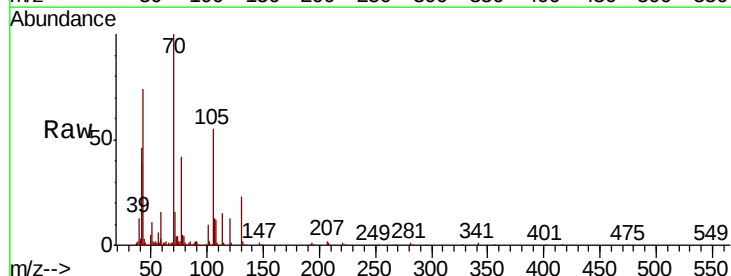
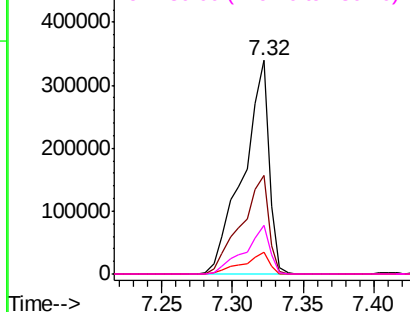
Abundance

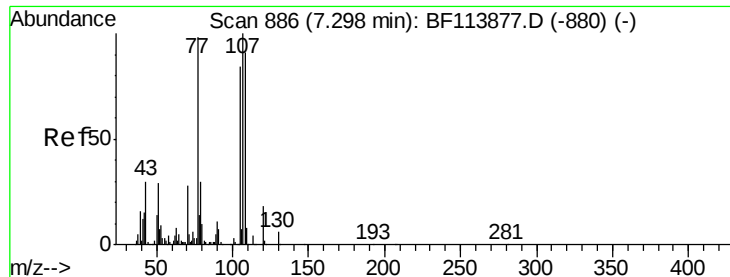
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





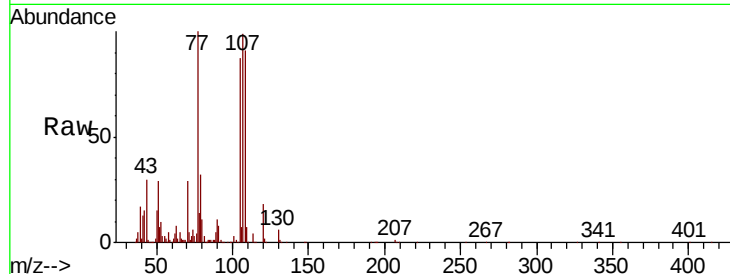
#20
3+4-Methylphenols
Concen: 42.809 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	616450		
108	91.7	70.1	110.1	
77	100.7	52.9	92.9#	
79	32.2	10.2	50.2	

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



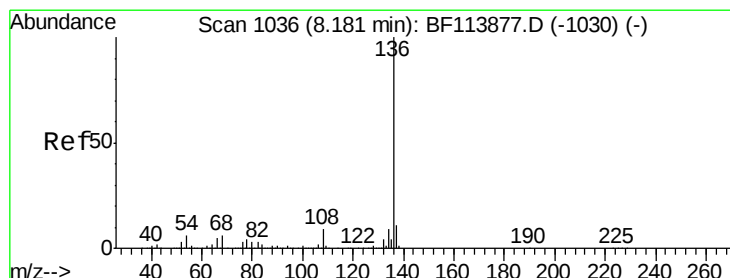
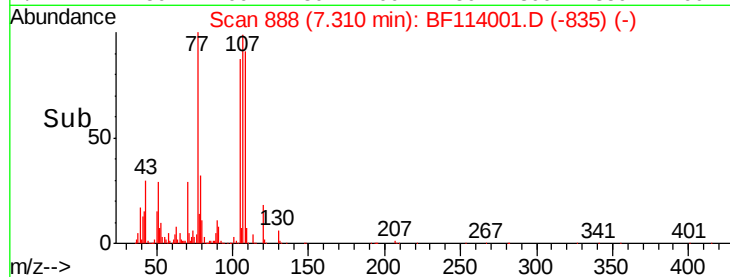
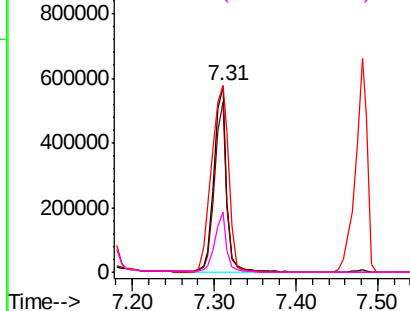
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	880277		
137	11.4	8.6	12.8	
54	6.2	5.0	7.6	
68	6.3	4.9	7.3	

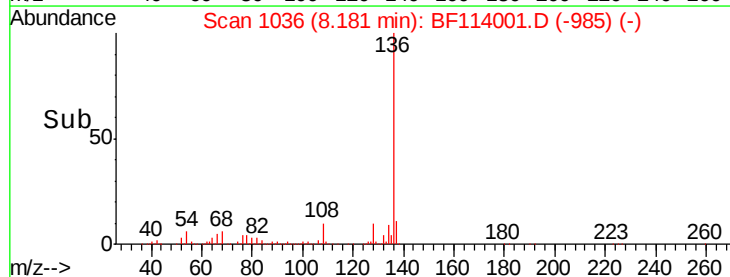
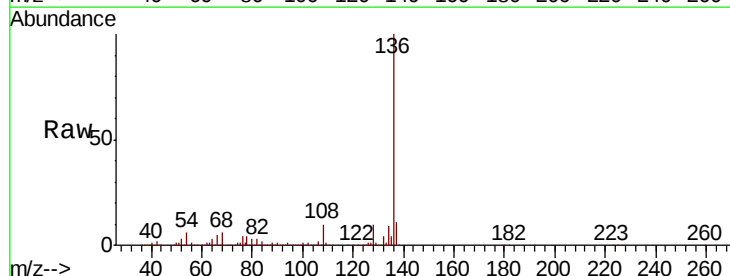
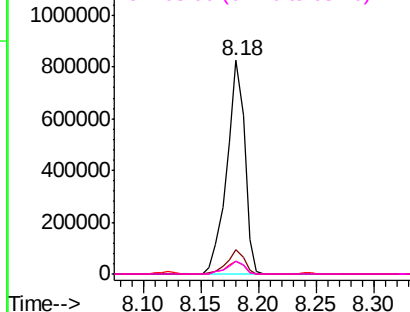
Abundance

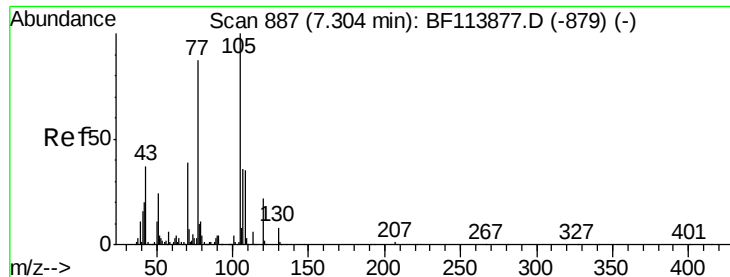
Ion 136.00 (135.70 to 136.70): E

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: 43.190 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

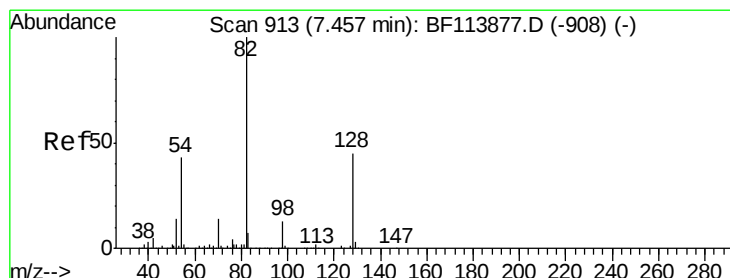
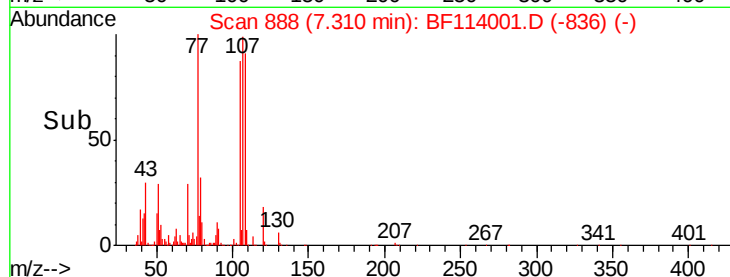
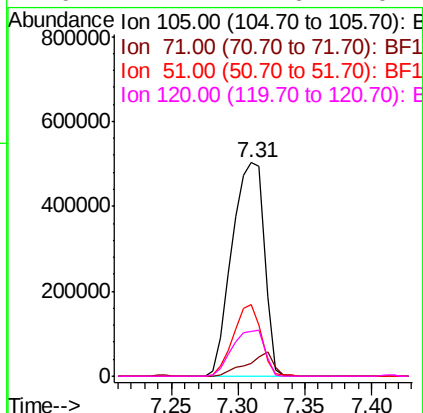
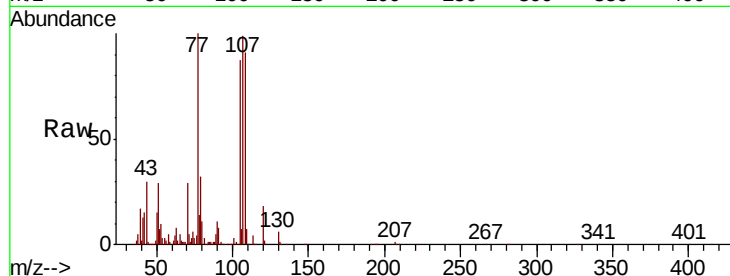
ClientSampleId :

PB119139BS

Tgt Ion:	105	Resp:	846049
Ion Ratio	Lower	Upper	
105	100		
71	5.8	6.1	9.1#
51	33.5	16.8	25.2#
120	21.2	17.6	26.4

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



#23

Nitrobenzene-d5

Concen: 80.184 ng

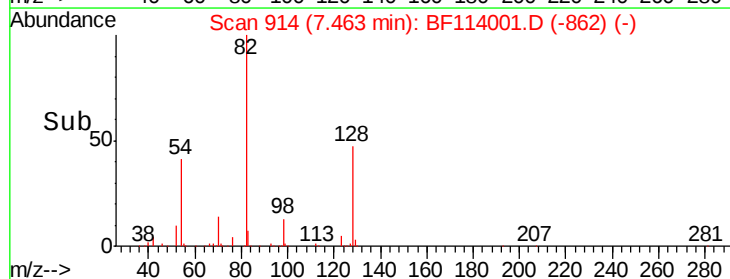
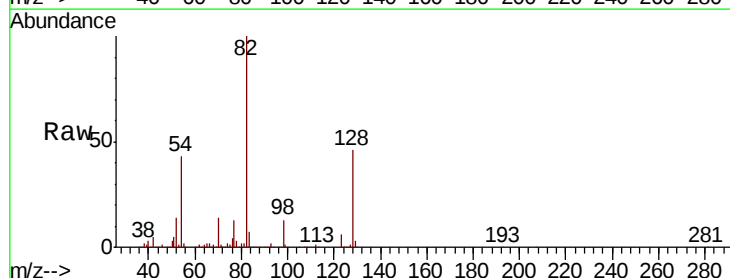
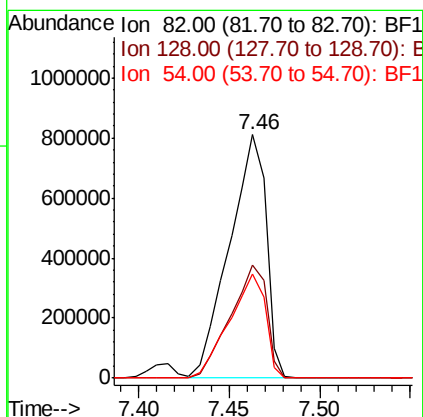
RT: 7.46 min Scan# 914

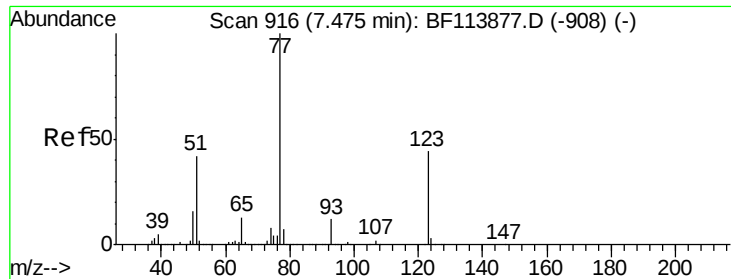
Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	82	Resp:	1143182
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.8	55.2
54	42.7	33.8	50.6





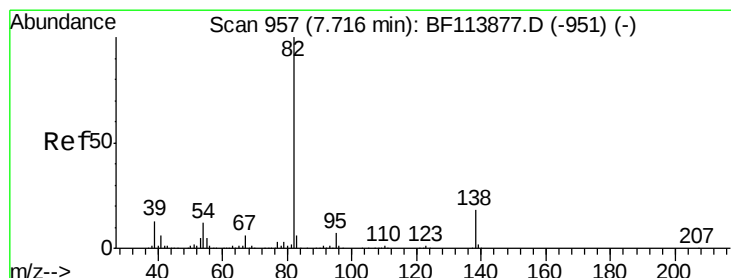
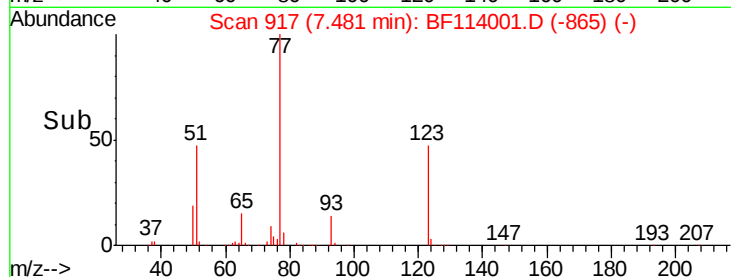
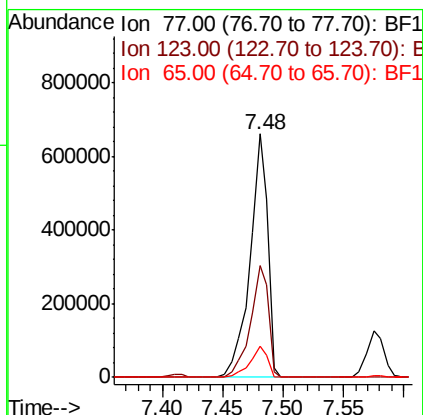
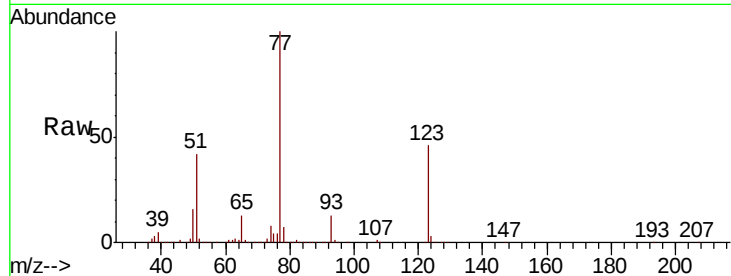
#24
 Nitrobenzene
 Concen: 42.812 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.3	54.5
65	12.9	10.3	15.5

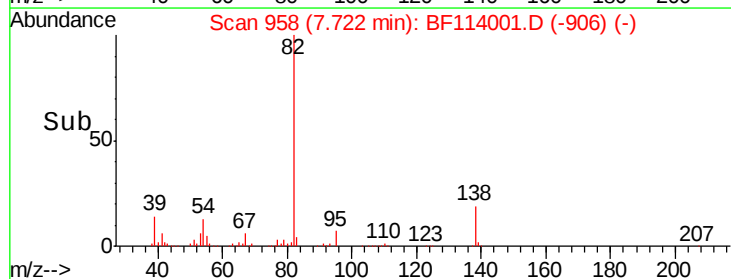
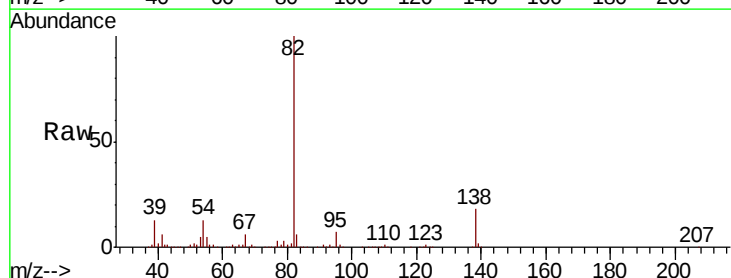
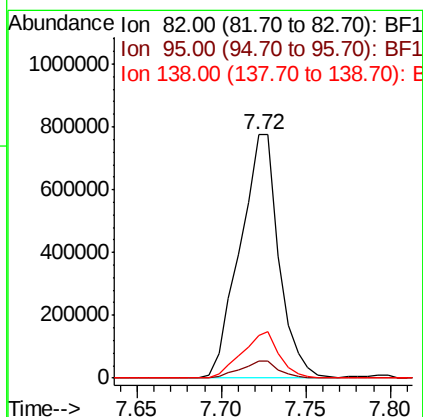
Manual Integrations
 APPROVED

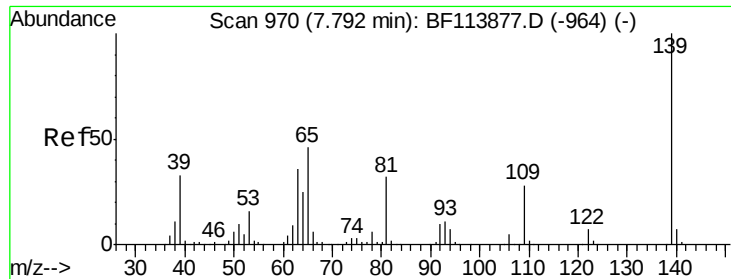
Sohil
 4/27/2019 2:36:37 AM



#25
 Isophorone
 Concen: 42.790 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	17.7	14.6	22.0





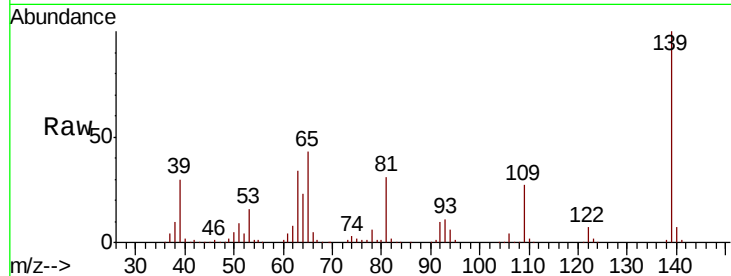
#26
 2-Nitrophenol
 Concen: 48.798 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	350696		
109	27.3	20.6	31.0	
65	43.0	34.6	52.0	

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

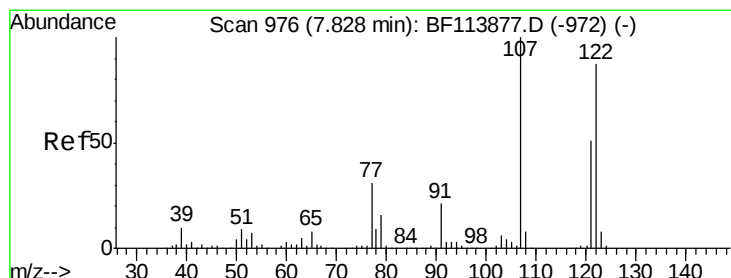
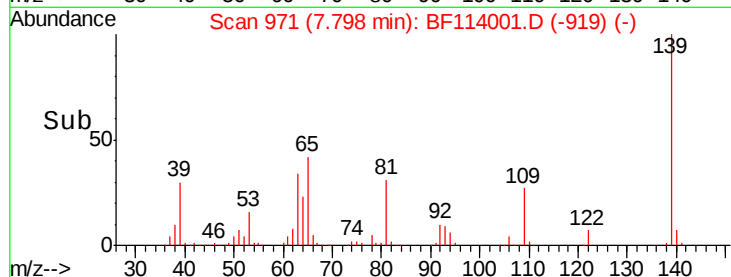
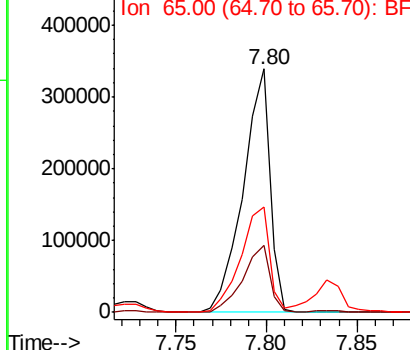


Abundance

Ion 139.00 (138.70 to 139.70): E

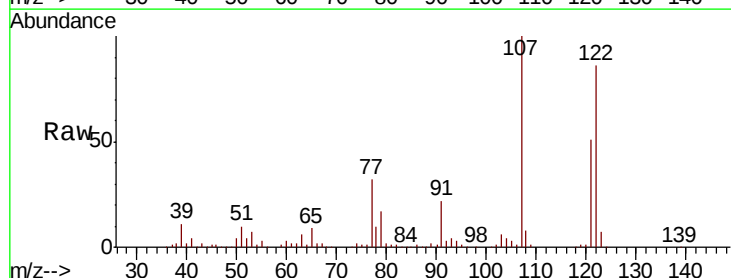
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27
 2,4-Dimethylphenol
 Concen: 51.031 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	597527		
107	116.6	91.2	136.8	
121	59.4	46.4	69.6	

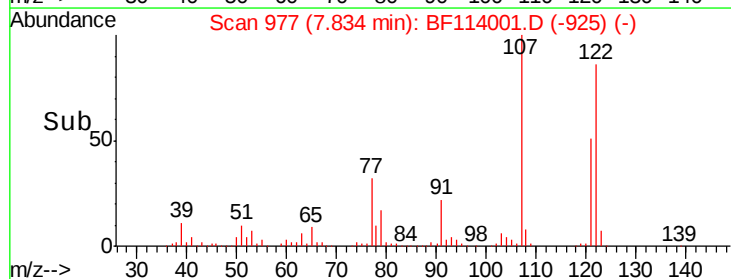
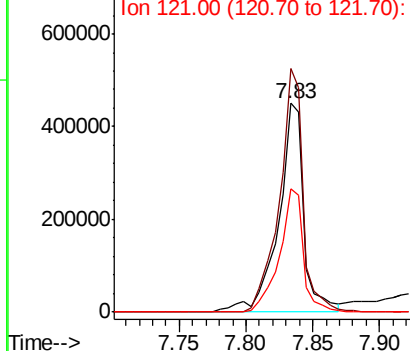


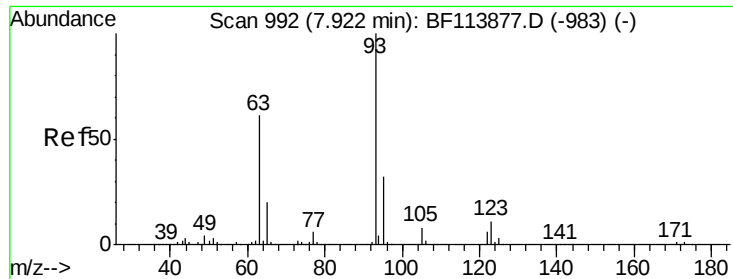
Abundance

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





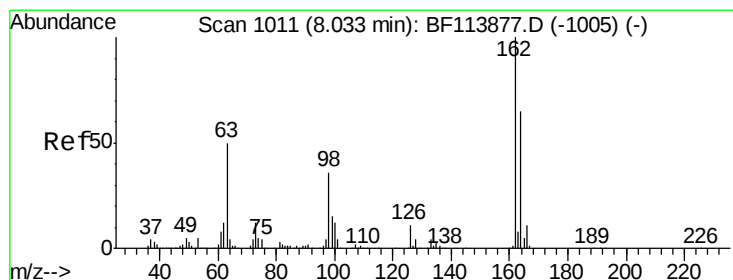
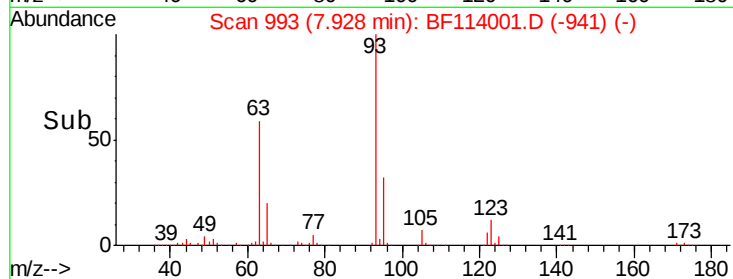
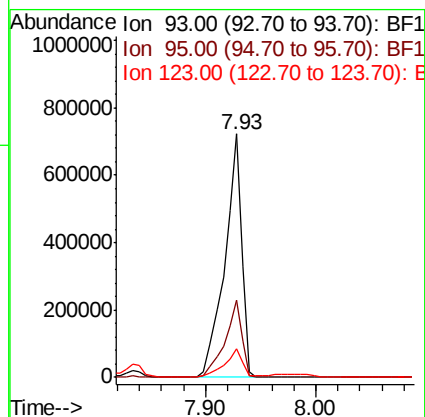
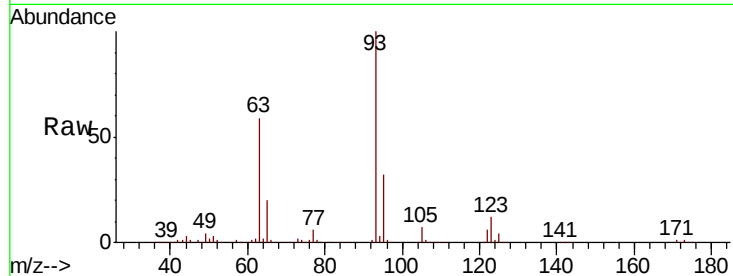
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.656 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.6
123	11.7	9.0	13.6

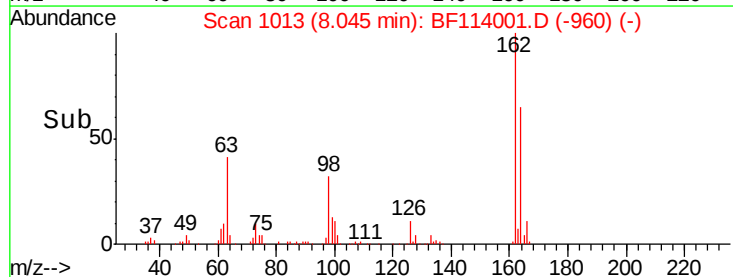
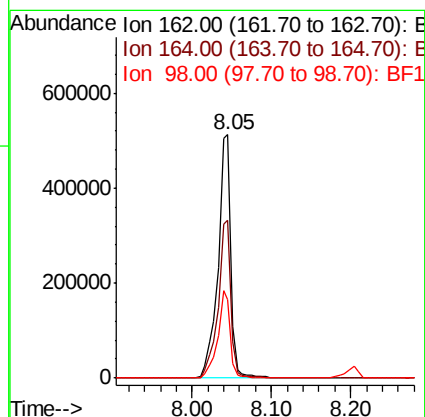
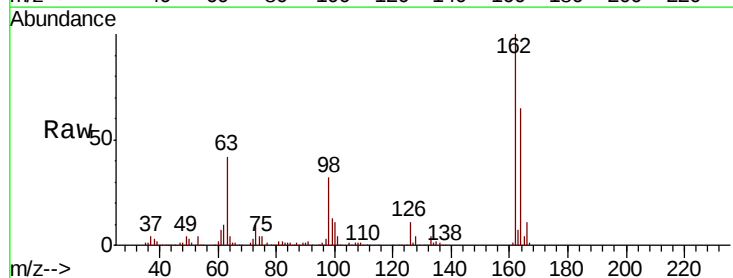
Manual Integrations
 APPROVED

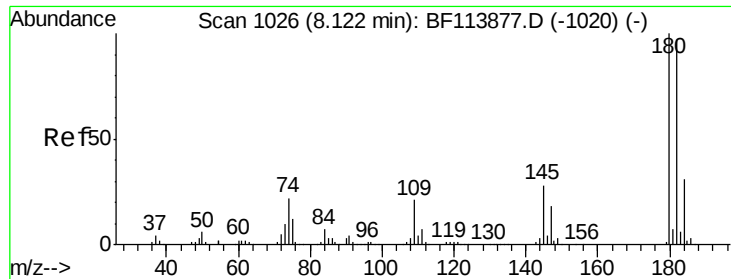
Sohil
 4/27/2019 2:36:37 AM



#29
 2,4-Dichlorophenol
 Concen: 43.373 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.7	83.7
98	32.3	15.5	55.5





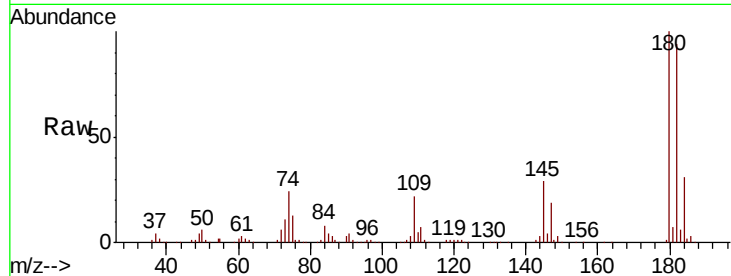
#30
 1,2,4-Trichlorobenzene
 Concen: 42.385 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

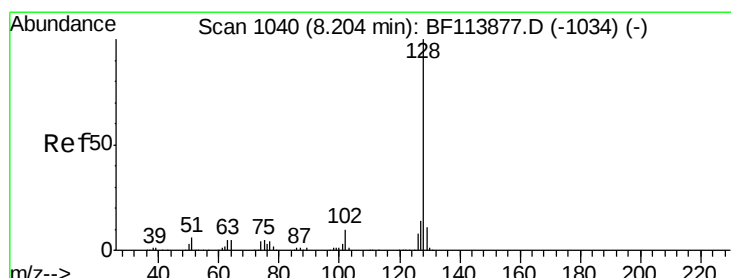
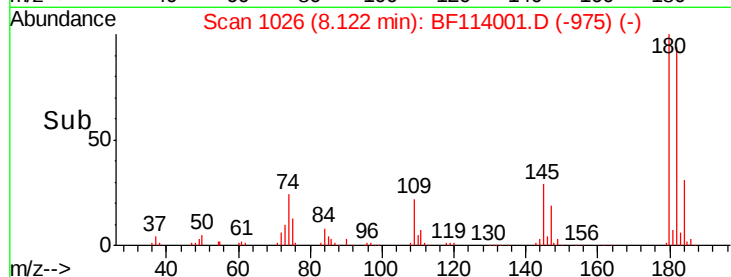
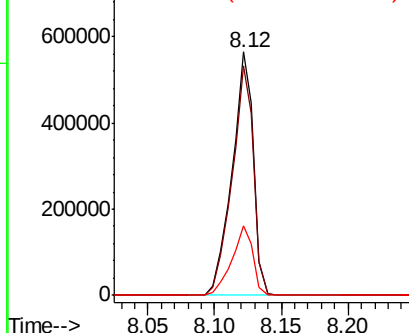
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	632802		
182	94.2	75.4	113.0	
145	28.6	23.0	34.4	

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

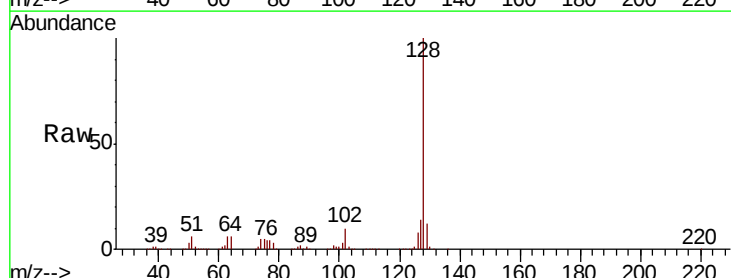


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

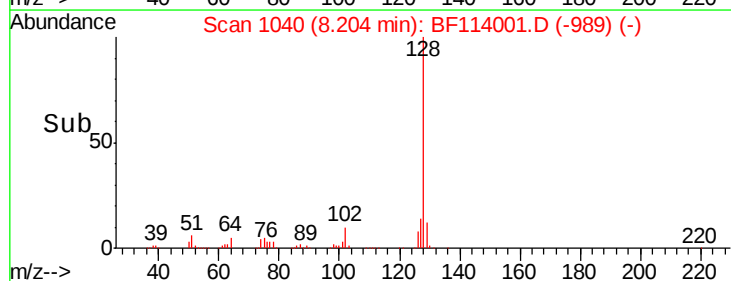
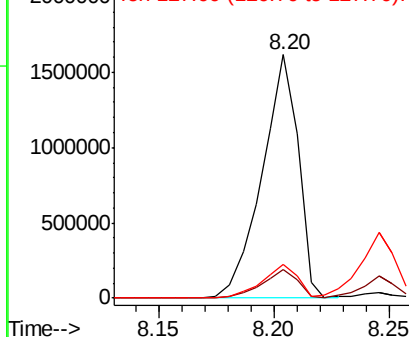


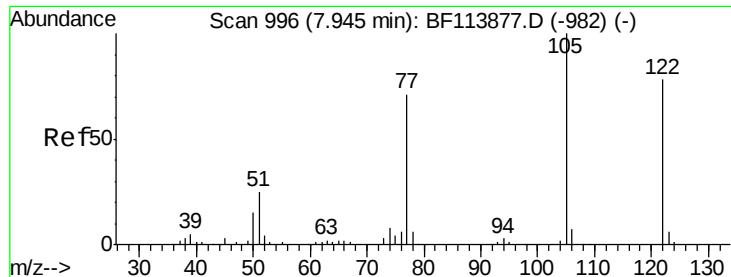
#31
 Naphthalene
 Concen: 41.962 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1754789		
129	11.7	9.4	14.0	
127	13.8	10.8	16.2	



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





#32

Benzoic acid

Concen: 53.343 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.05 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

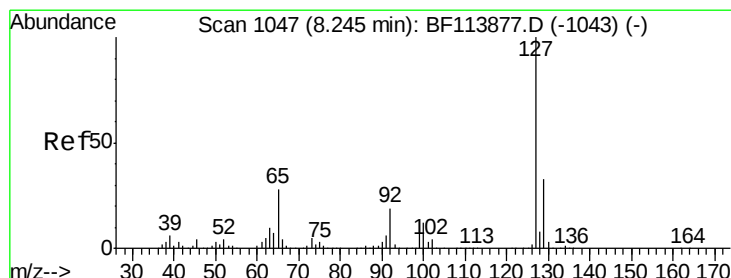
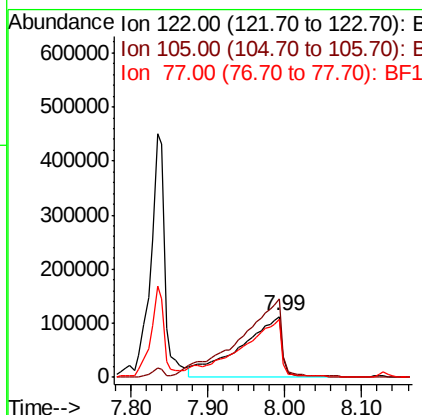
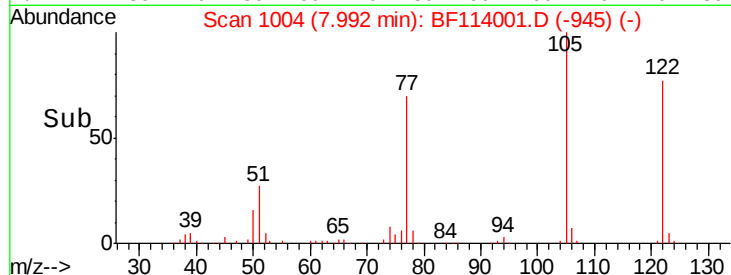
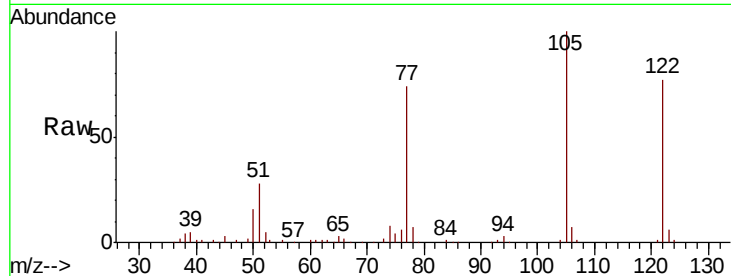
ClientSampleId :

PB119139BS

Tgt Ion:	122	Resp:	421799
Ion Ratio	Lower	Upper	
122	100		
105	129.5	104.3	144.3
77	95.5	70.4	110.4

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



#33

4-Chloroaniline

Concen: 28.533 ng

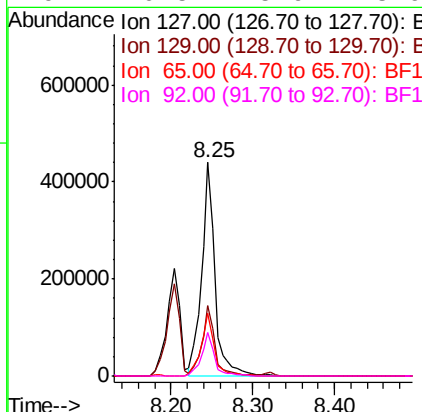
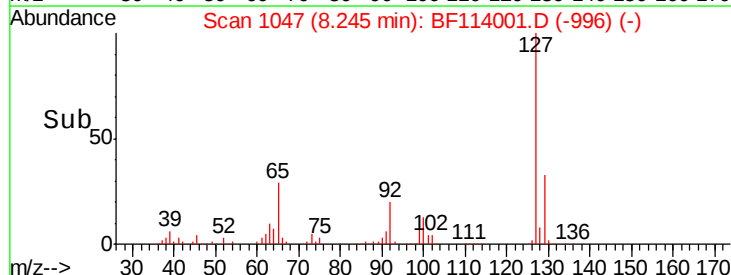
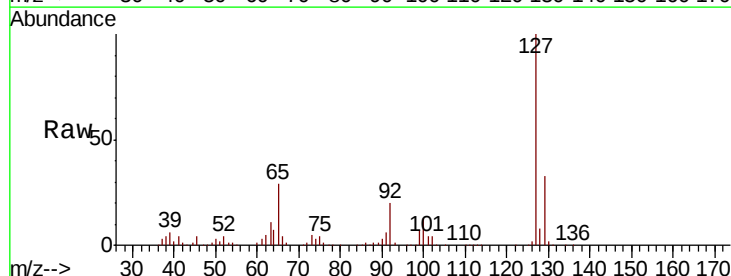
RT: 8.25 min Scan# 1047

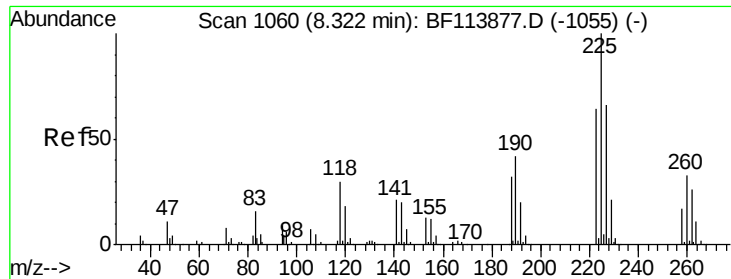
Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	127	Resp:	504873
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.4	39.6
65	29.3	24.9	37.3
92	20.5	15.9	23.9





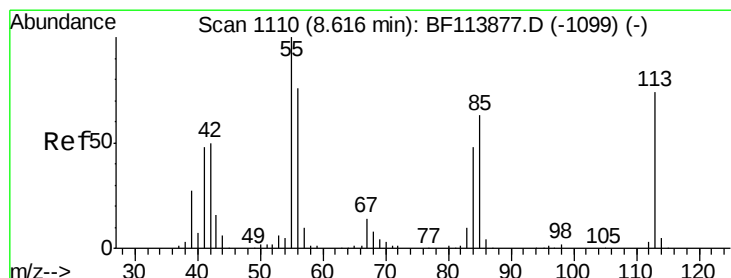
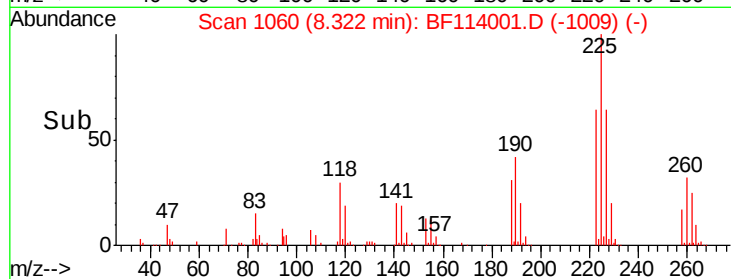
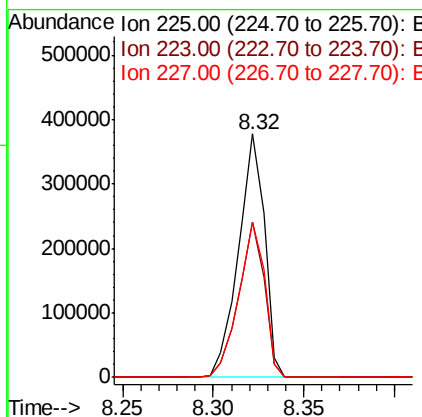
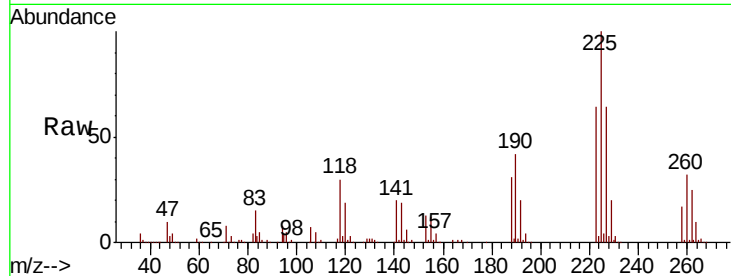
#34
Hexachlorobutadiene
Concen: 40.498 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	376910		
223	63.8	51.1	76.7	
227	63.7	49.9	74.9	

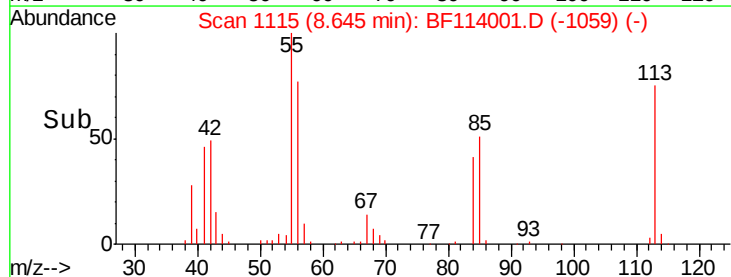
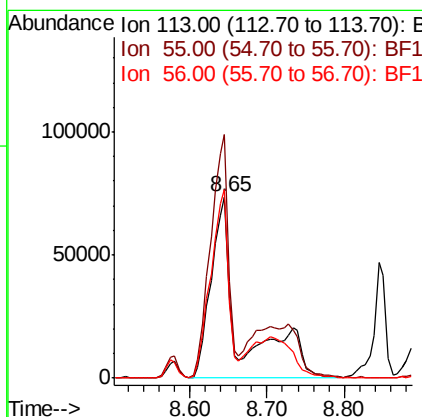
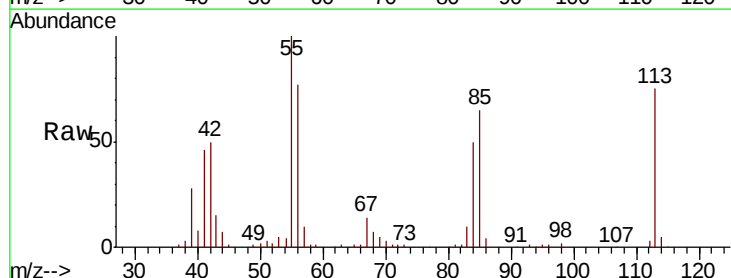
Manual Integrations
APPROVED

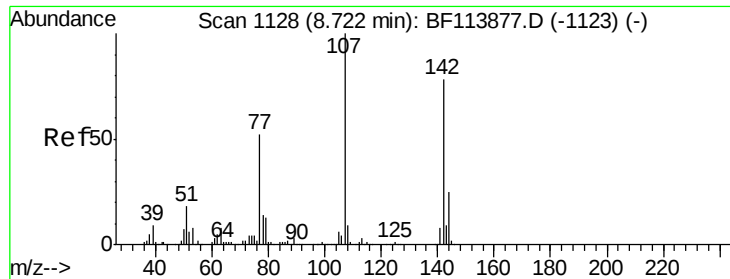
Sohil
4/27/2019 2:36:37 AM



#35
Caprolactam
Concen: 45.236 ng m
RT: 8.65 min Scan# 1115
Delta R.T. 0.03 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	192678		
55	134.2	128.6	168.6	
56	103.9	91.9	131.9	





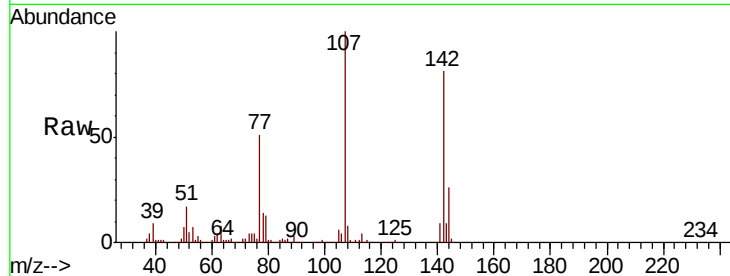
#36
 4-Chloro-3-methylphenol
 Concen: 43.628 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampled :
 PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	578747		
144	26.2	20.5	30.7	
142	81.2	64.2	96.4	

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

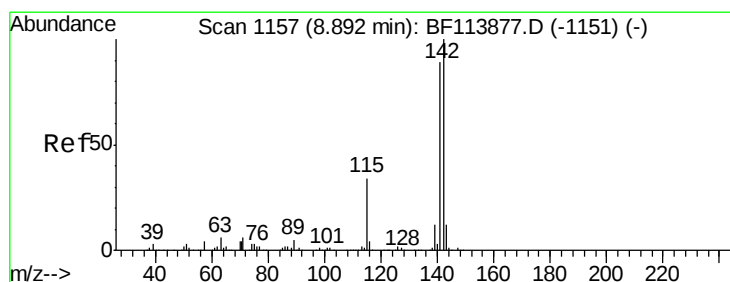
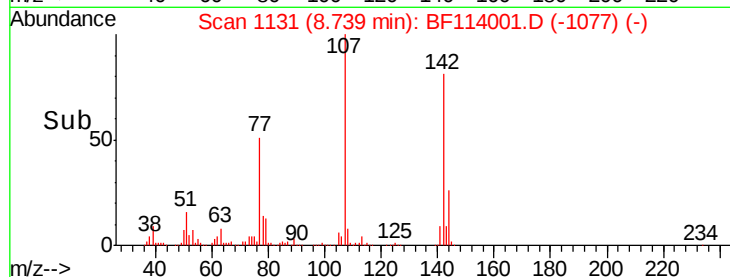
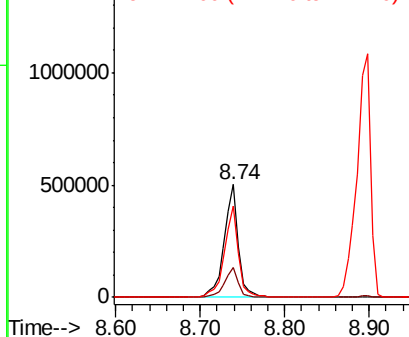


Abundance

Ion 107.00 (106.70 to 107.70): E

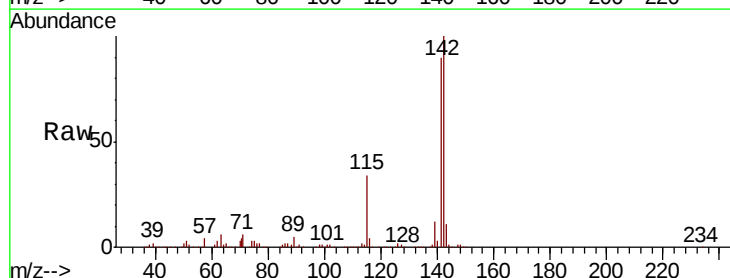
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 43.338 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1222121		
141	89.9	70.4	105.6	
115	34.4	26.3	39.5	

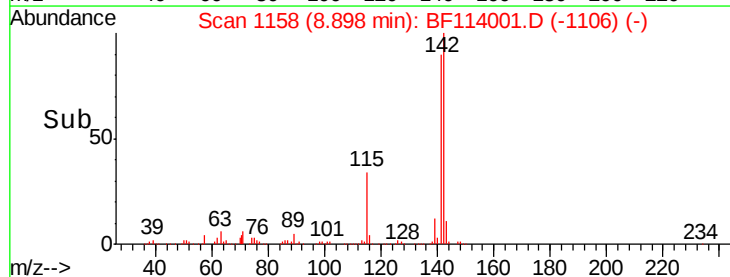
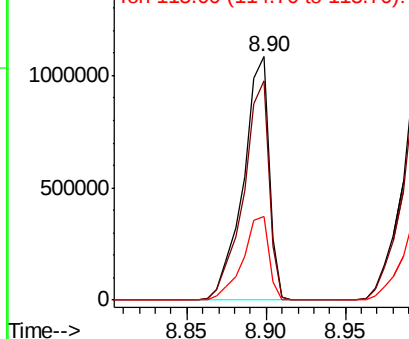


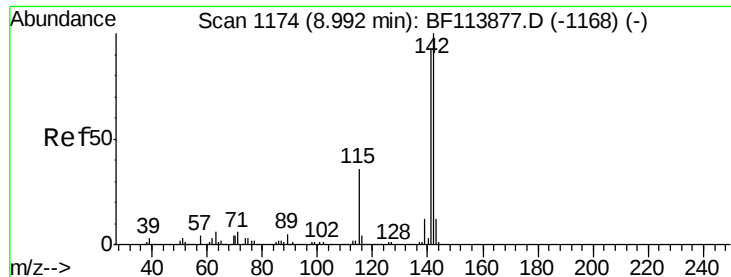
Abundance

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





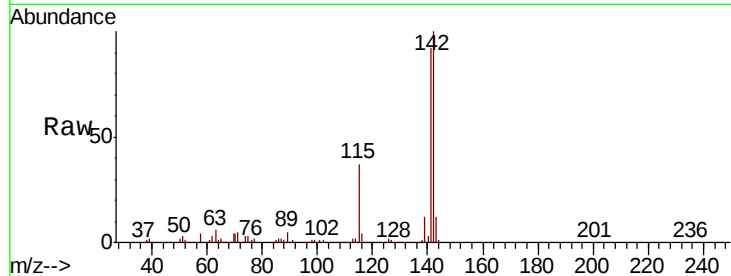
#38
1-Methylnaphthalene
Concen: 42.040 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampled :
PB119139BS

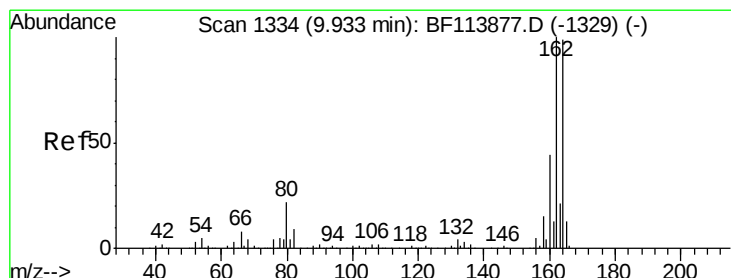
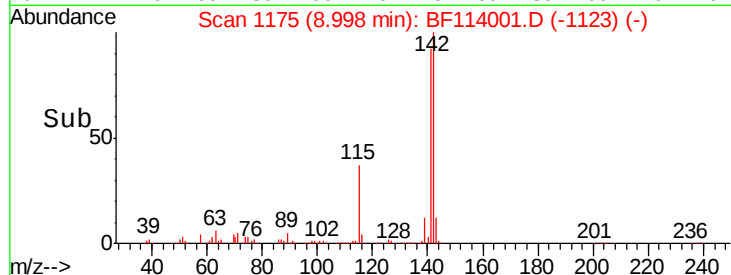
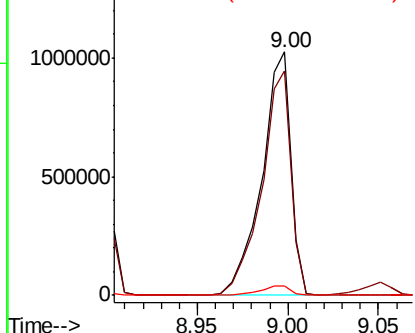
Tgt Ion:142 Resp: 1144226
Ion Ratio Lower Upper
142 100
141 92.4 72.3 108.5
116 3.7 3.0 4.4

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



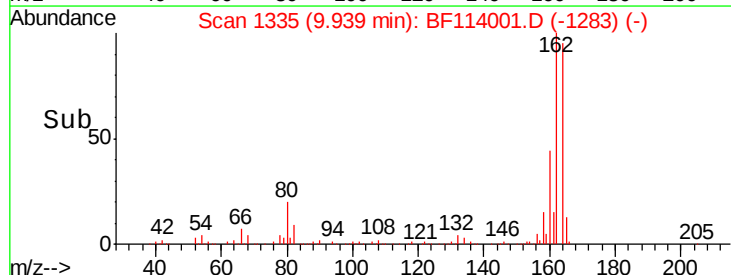
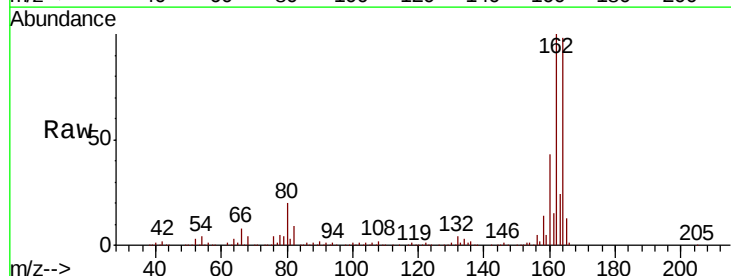
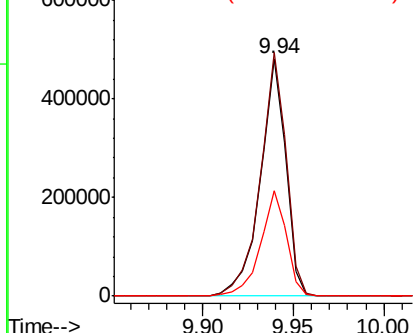
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

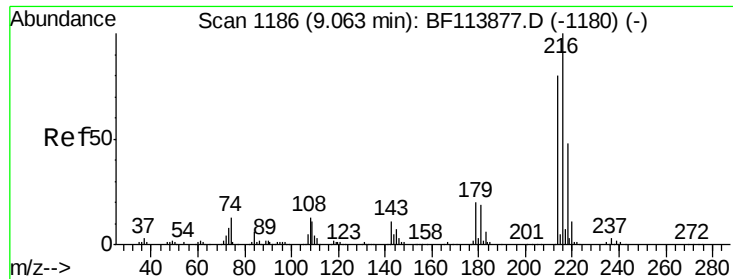


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion:164 Resp: 471534
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 44.6 35.8 53.6

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





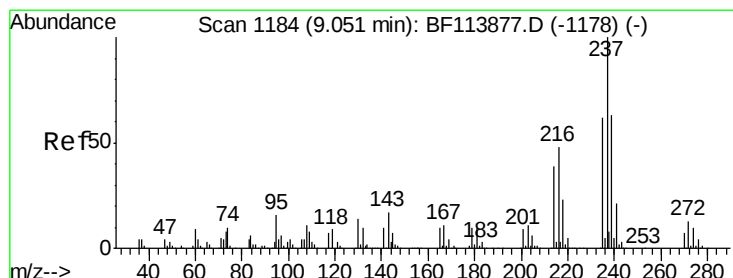
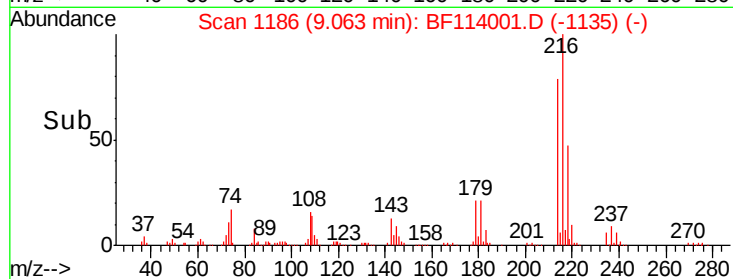
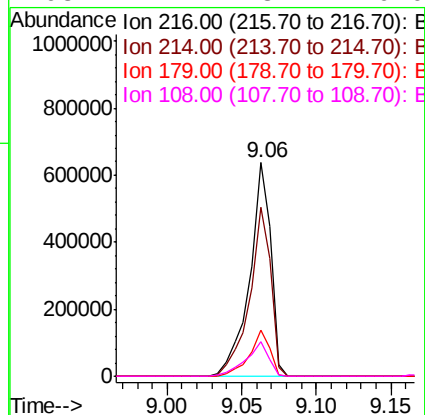
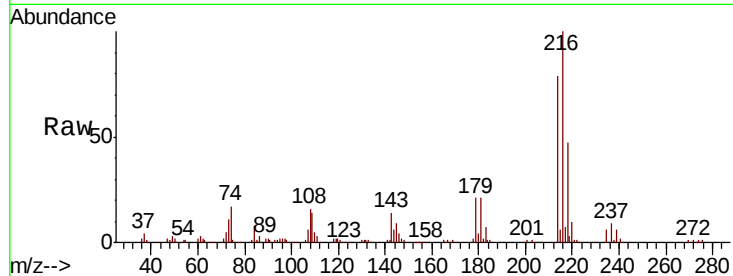
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.766 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.9	63.5	95.3
179	20.8	16.1	24.1
108	17.2	13.4	20.0

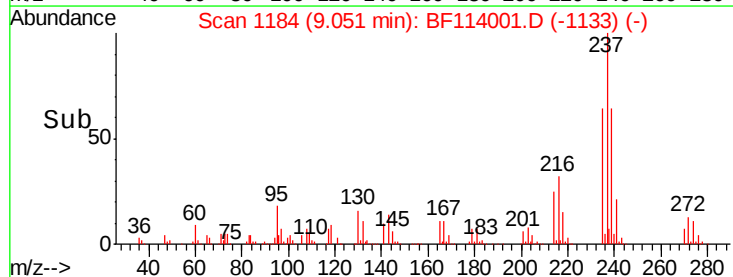
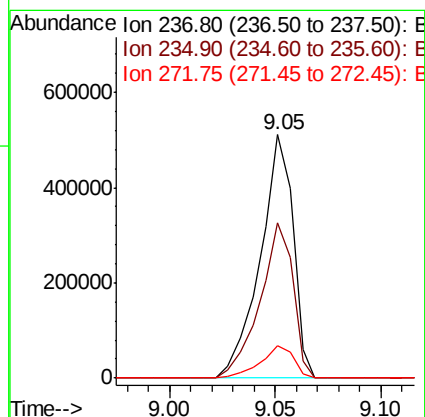
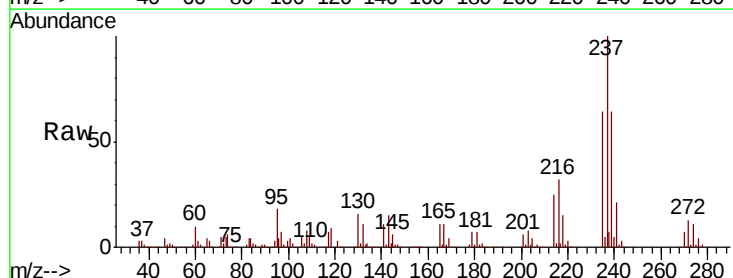
Manual Integrations
APPROVED

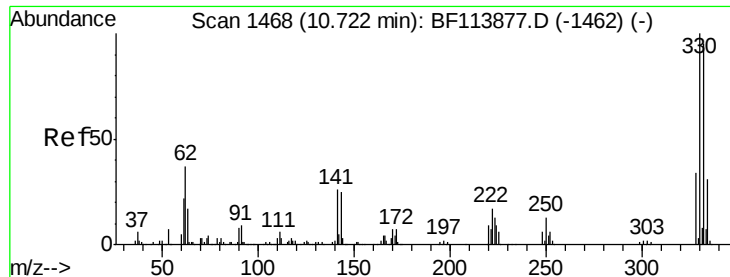
Sohil
4/27/2019 2:36:37 AM



#41
Hexachlorocyclopentadiene
Concen: 65.100 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.7	42.6	82.6
272	13.1	0.0	33.8





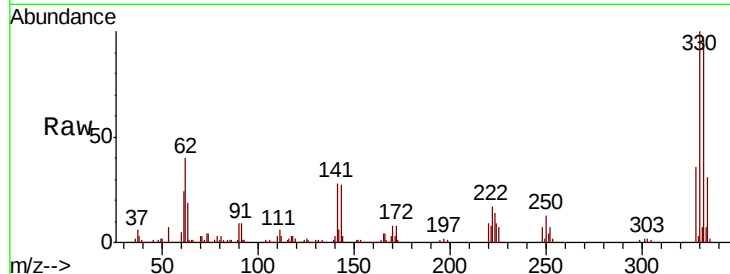
#42
 2,4,6-Tribromophenol
 Concen: 121.312 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	696848		
332	95.6	77.5	116.3	
141	26.9	22.2	33.2	

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

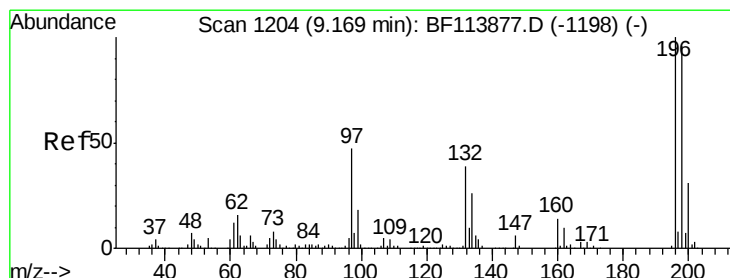
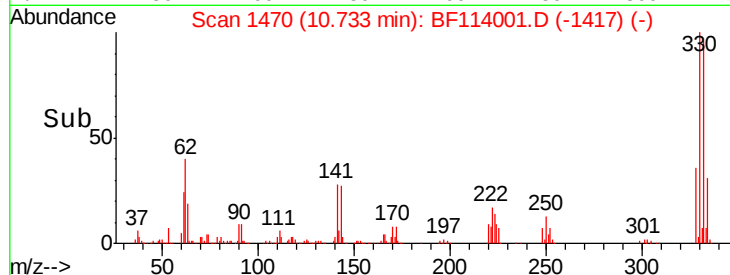
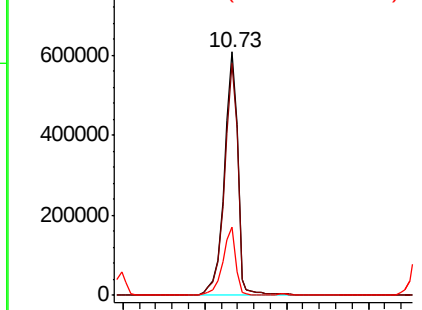


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 45.765 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

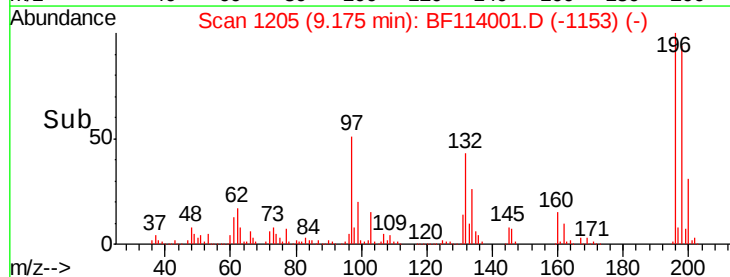
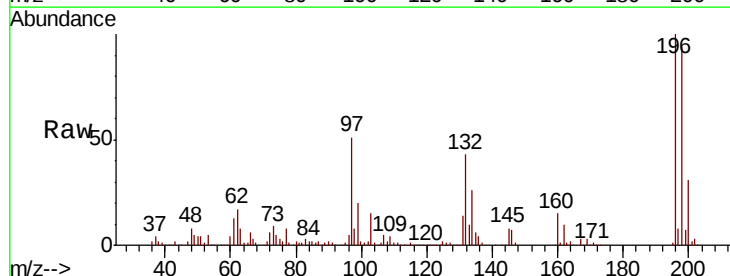
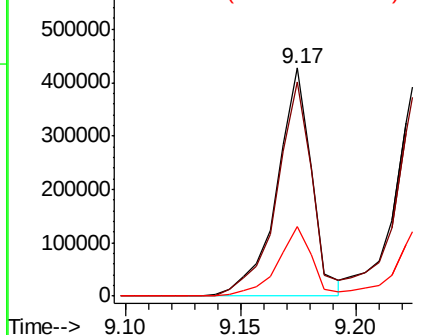
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	445116		
198	94.2	75.6	113.4	
200	30.6	24.7	37.1	

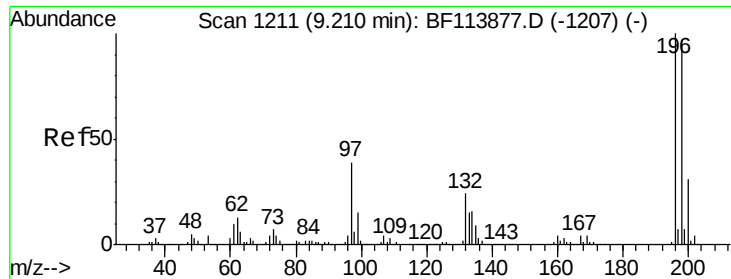
Abundance

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





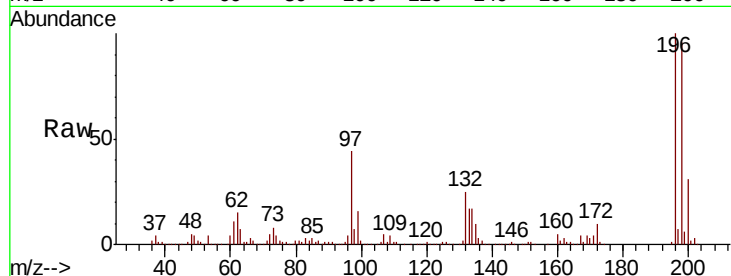
#44
2,4,5-Trichlorophenol
Concen: 43.109 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	470295		
198	96.4	76.2	114.4	
97	43.6	35.8	53.8	
132	25.4	20.9	31.3	

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



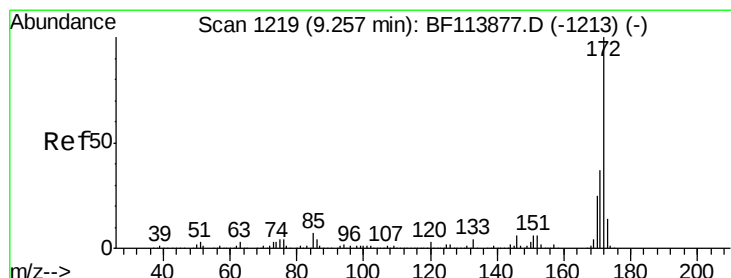
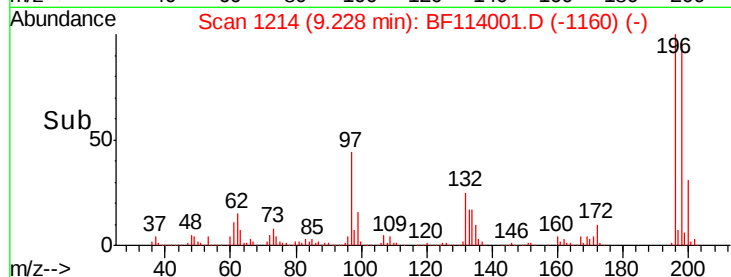
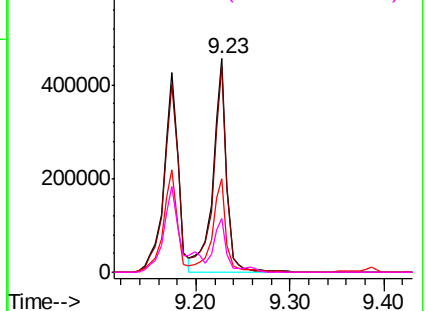
Abundance

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: 73.033 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

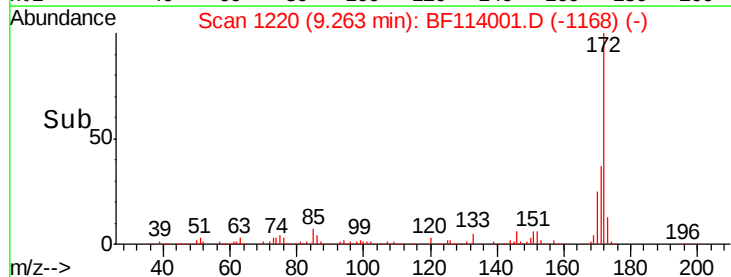
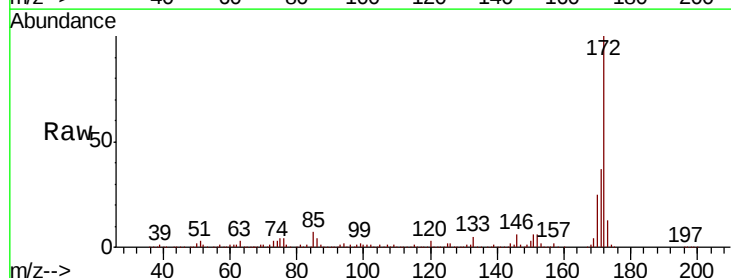
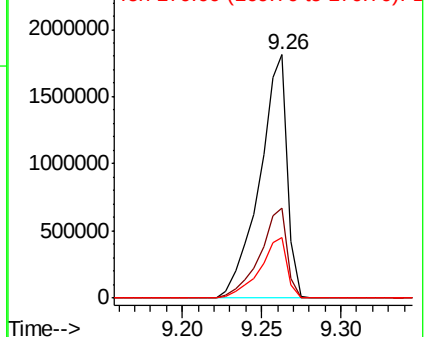
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2201843		
171	37.1	29.4	44.0	
170	24.9	19.9	29.9	

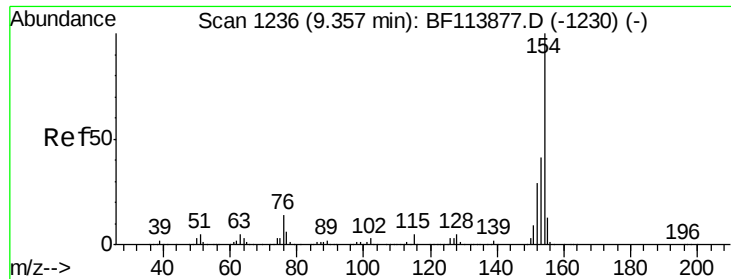
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





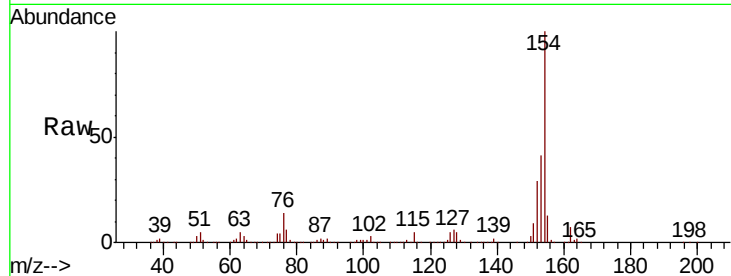
#46
 1,1'-Biphenyl
 Concen: 41.384 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.8	60.8
76	13.5	0.0	35.2

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

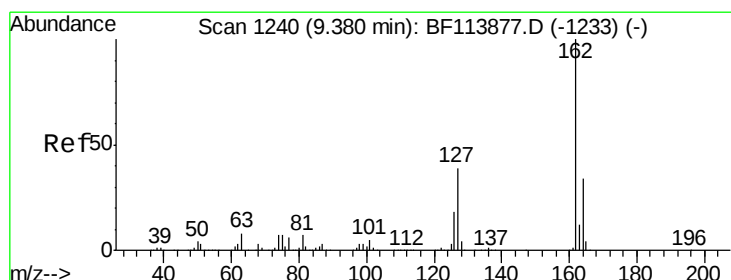
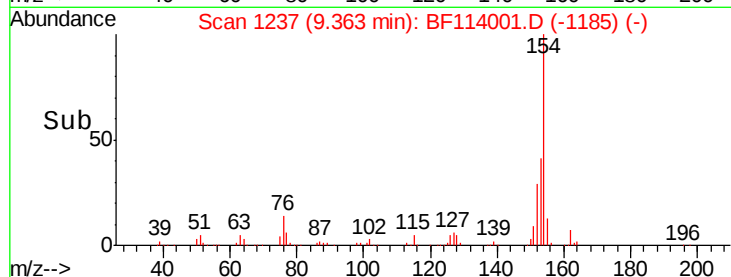
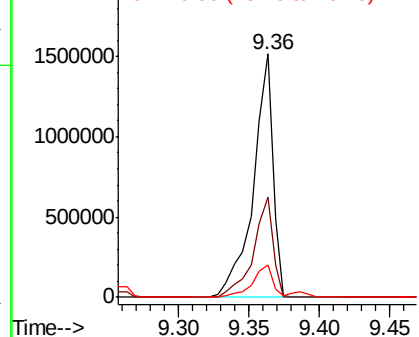


Abundance

Ion 154.00 (153.70 to 154.70): E

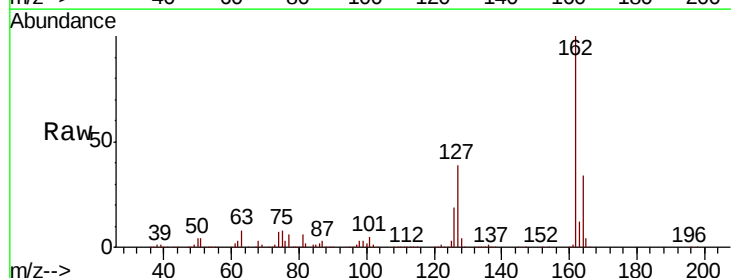
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 41.662 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	29.3	43.9
164	33.8	27.1	40.7

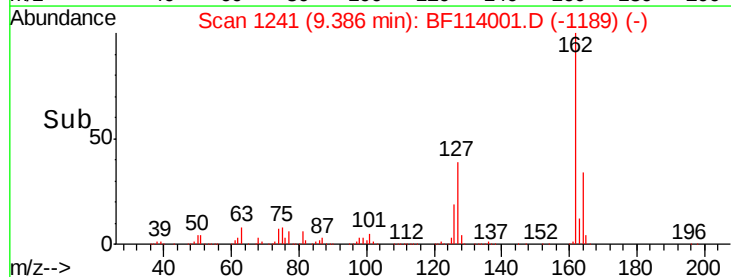
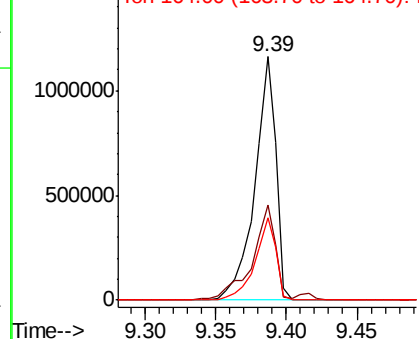


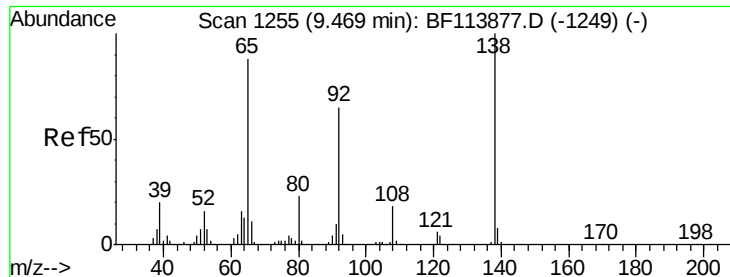
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





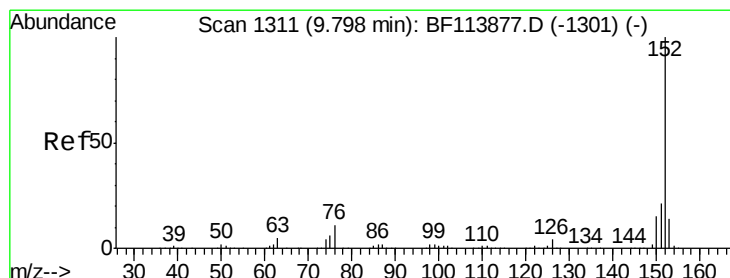
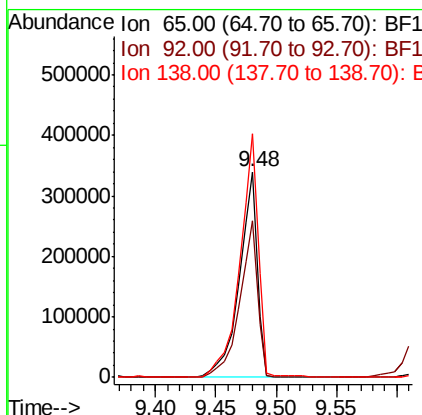
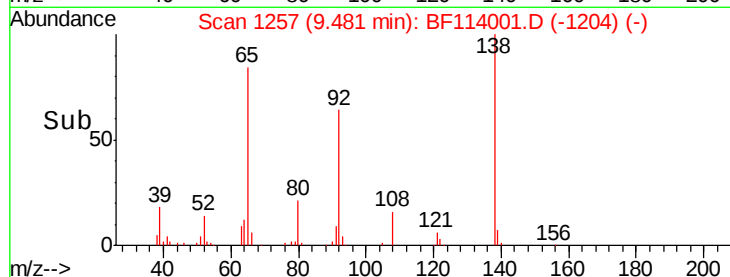
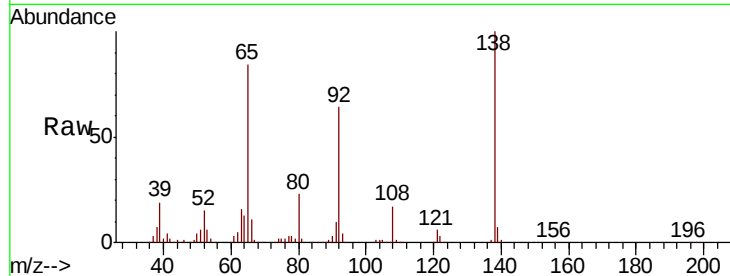
#48
2-Nitroaniline
Concen: 46.072 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	353796		
92	76.3	57.4	86.0	
138	118.3	85.4	128.0	

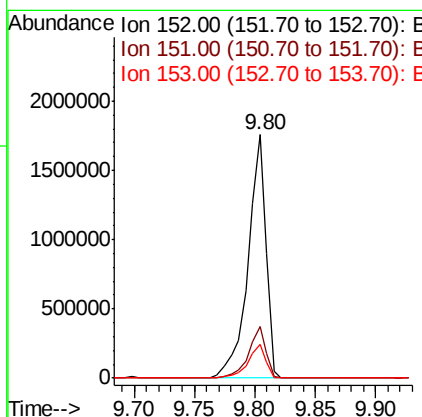
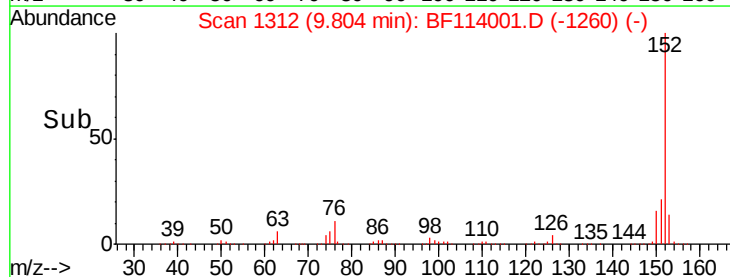
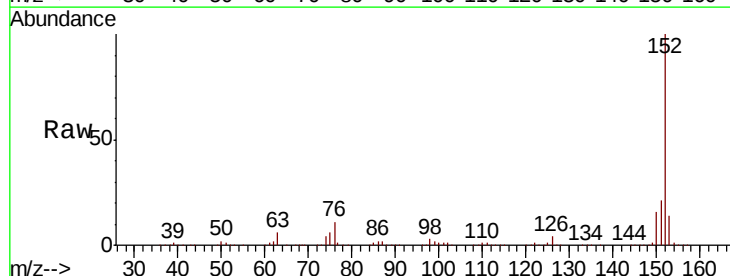
Manual Integrations
APPROVED

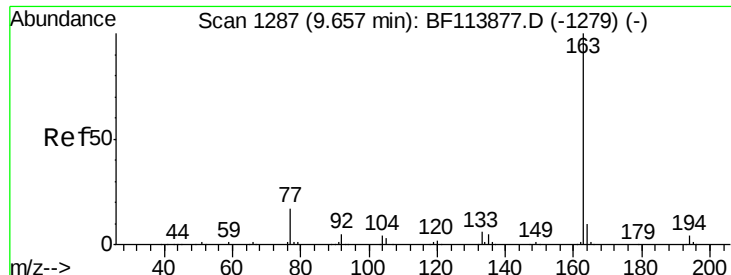
Sohil
4/27/2019 2:36:37 AM



#49
Acenaphthylene
Concen: 39.594 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1815753		
151	21.3	17.0	25.4	
153	14.0	11.0	16.6	





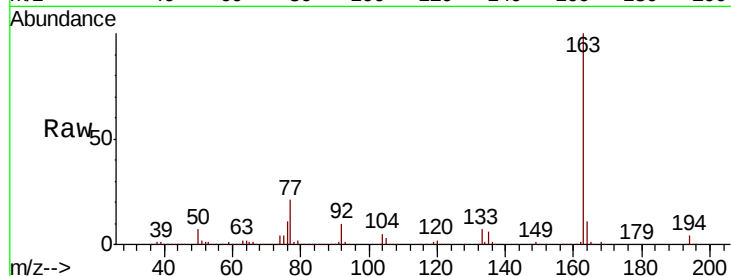
#50
Dimethylphthalate
Concen: 43.358 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.7	8.5	12.7

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM

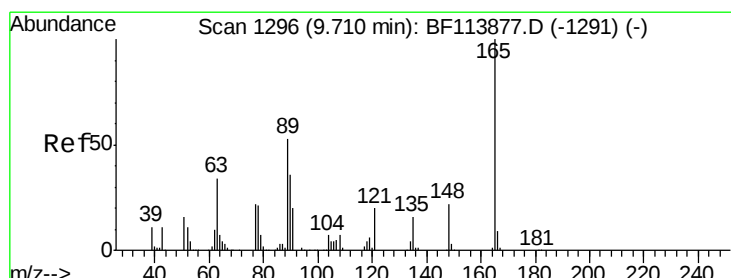
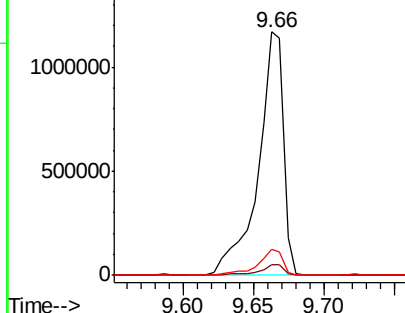
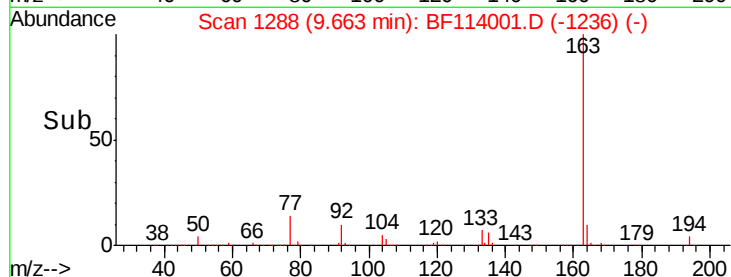


Abundance

Ion 163.00 (162.70 to 163.70): E

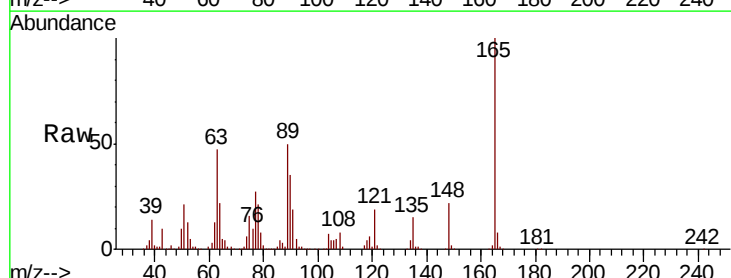
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 46.654 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.6	33.8	50.8
89	50.5	38.2	57.2

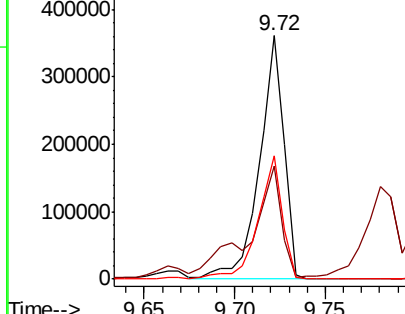
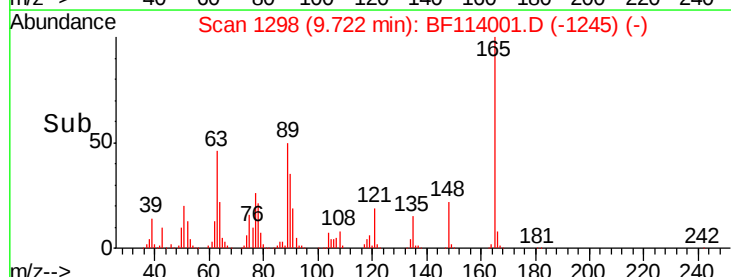


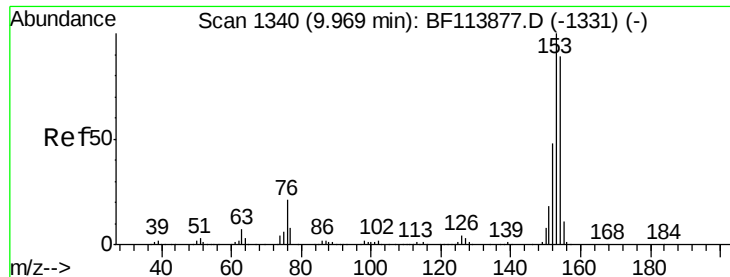
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 41.470 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

ClientSampleId :

PB119139BS

Tgt Ion:154 Resp: 1123933

Ion Ratio Lower Upper

154 100

153 112.8 87.2 130.8

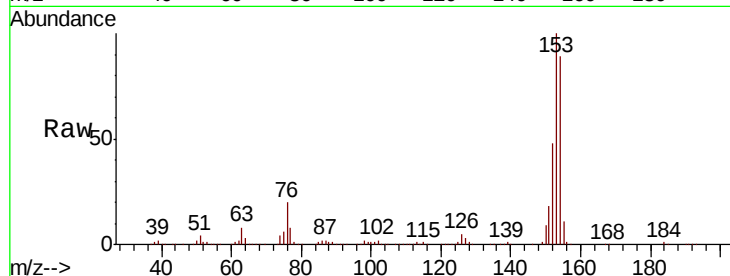
152 53.8 42.3 63.5

Manual Integrations

APPROVED

Sohil

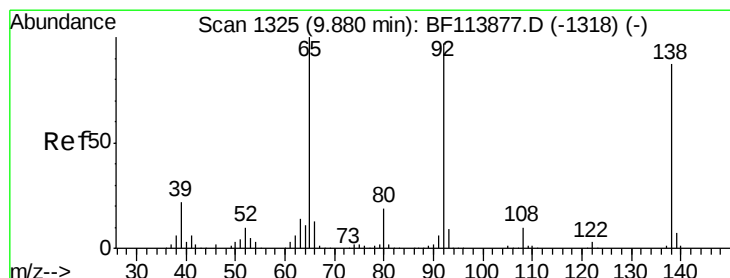
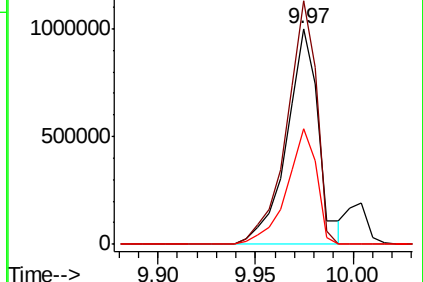
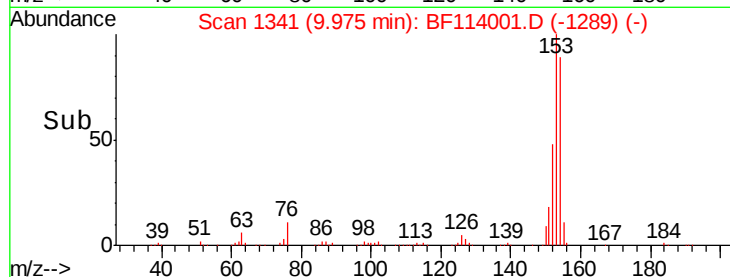
4/27/2019 2:36:37 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 35.002 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

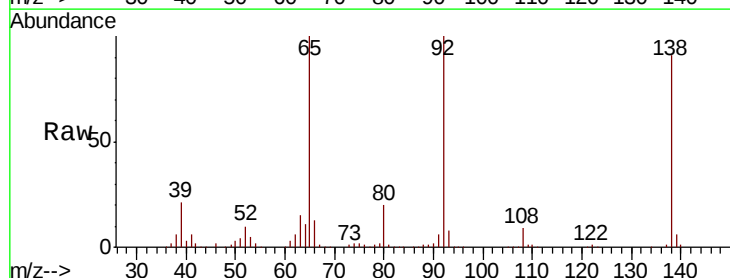
Tgt Ion:138 Resp: 269093

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.2

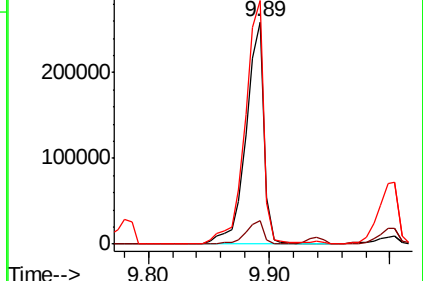
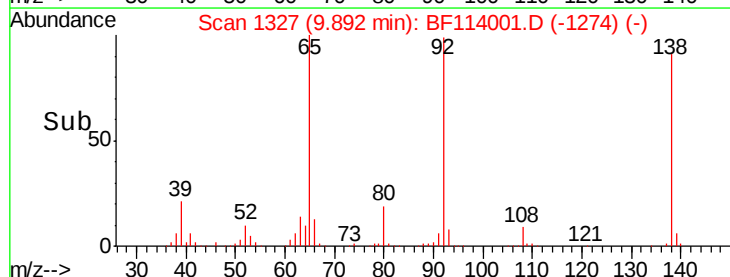
92 109.7 94.1 141.1

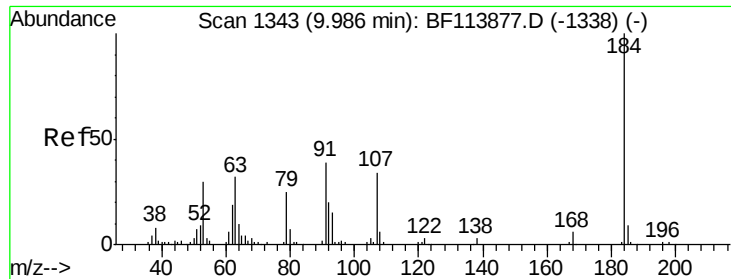


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





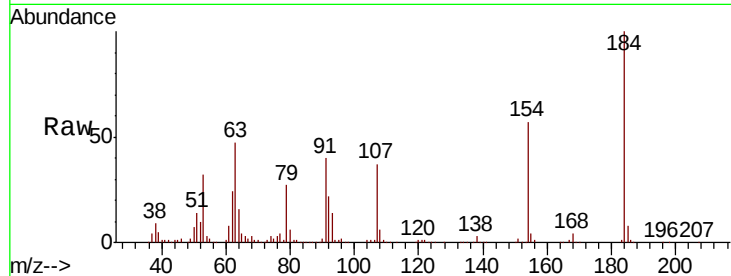
#54
2,4-Dinitrophenol
Concen: 111.743 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

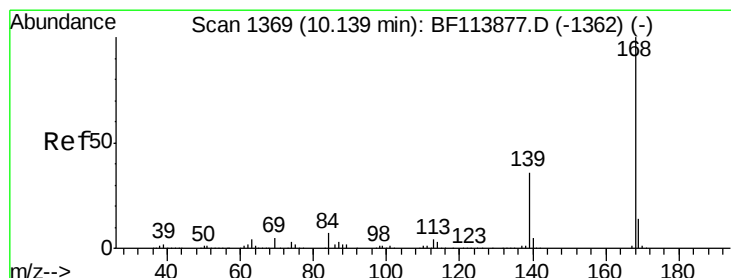
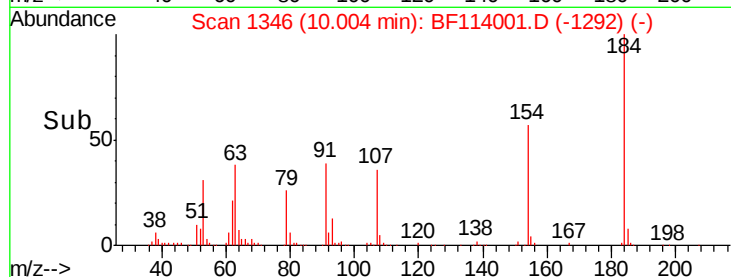
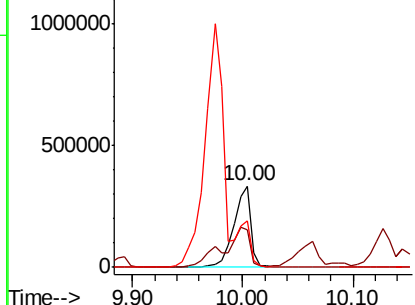
Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.9	54.6	81.8#
154	56.7	218.6	328.0#

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM

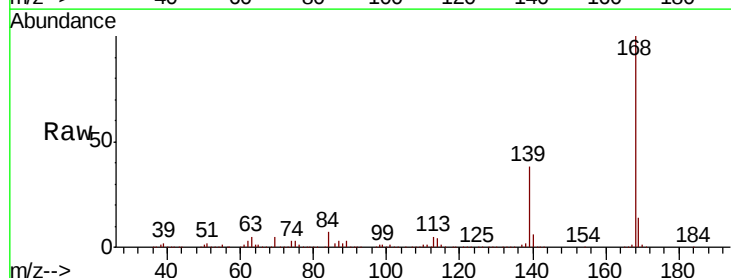


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

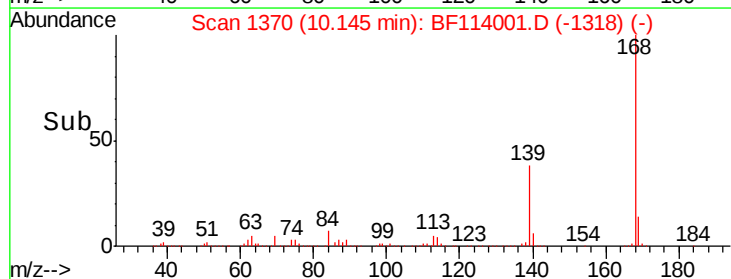
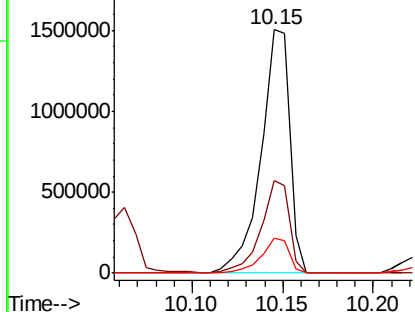


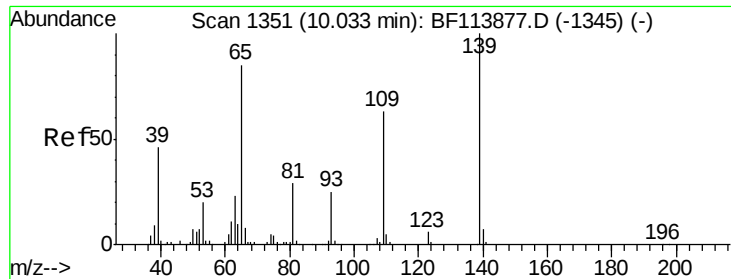
#55
Dibenzofuran
Concen: 41.121 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	27.8	41.6
169	14.3	11.0	16.6



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





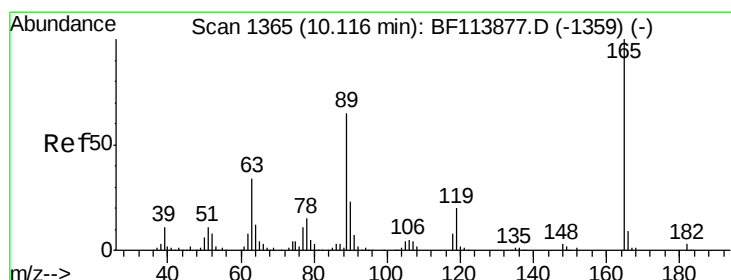
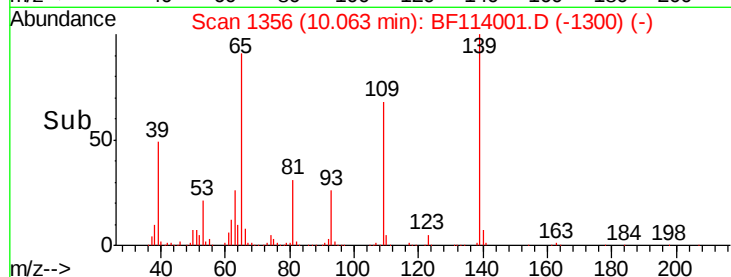
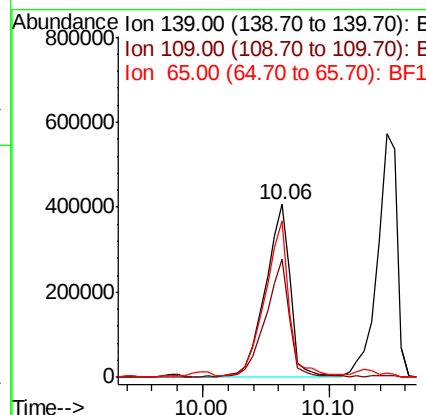
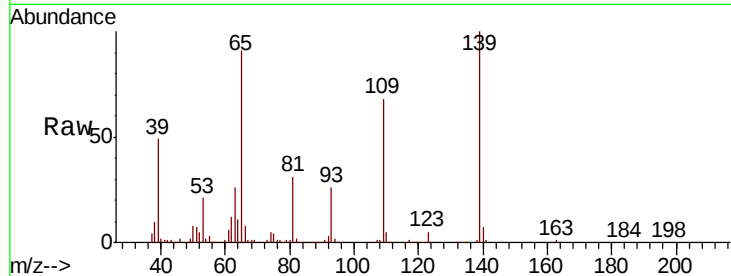
#56
4-Nitrophenol
Concen: 90.759 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.03 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.2	42.9	82.9
65	91.0	64.4	104.4

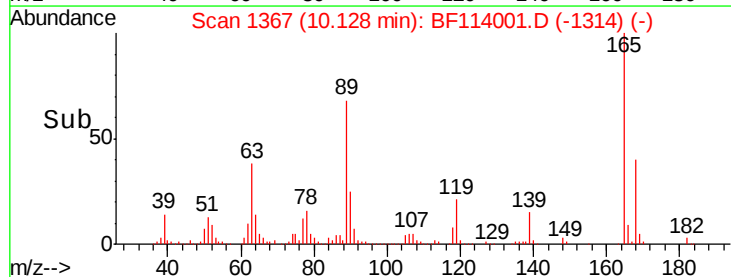
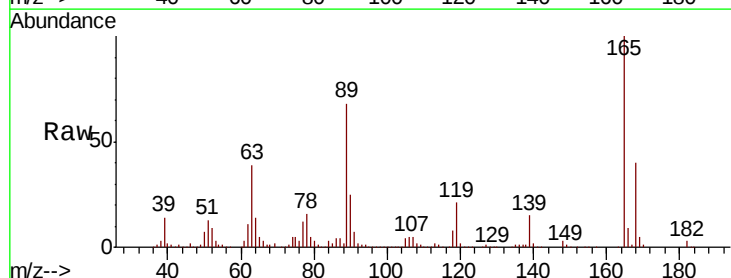
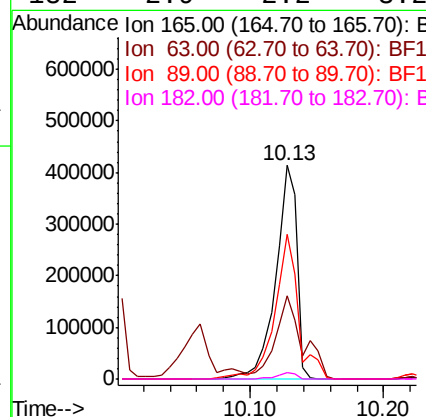
Manual Integrations
APPROVED

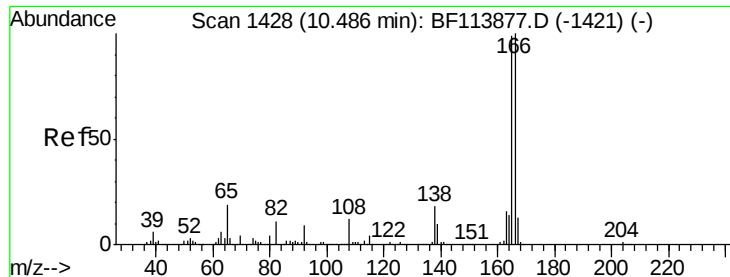
Sohil
4/27/2019 2:36:37 AM



#57
2,4-Dinitrotoluene
Concen: 49.521 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.7	27.4	41.0
89	68.0	51.8	77.6
182	2.9	2.2	3.2





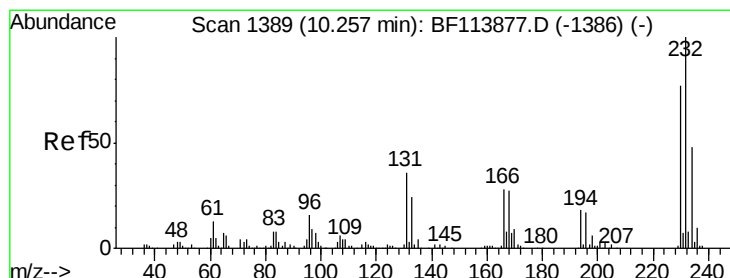
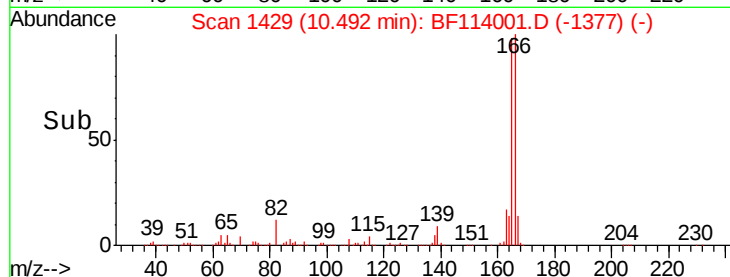
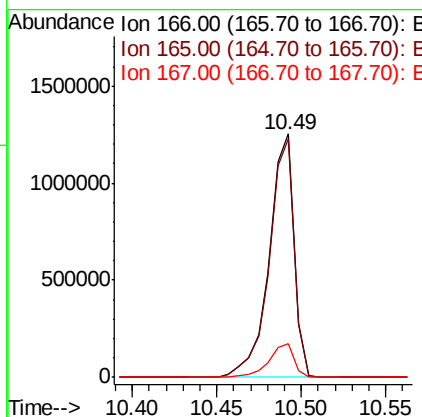
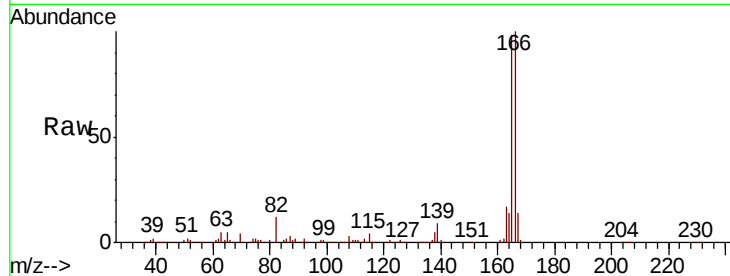
#58
 Fluorene
 Concen: 41.366 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion:166 Resp: 1264327
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.4 117.6
 167 13.6 10.9 16.3

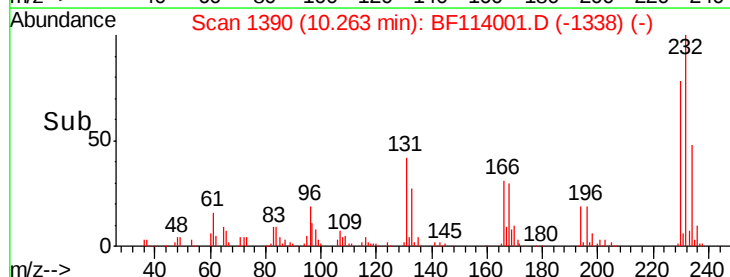
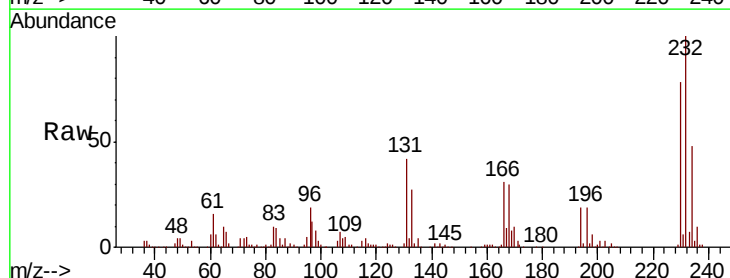
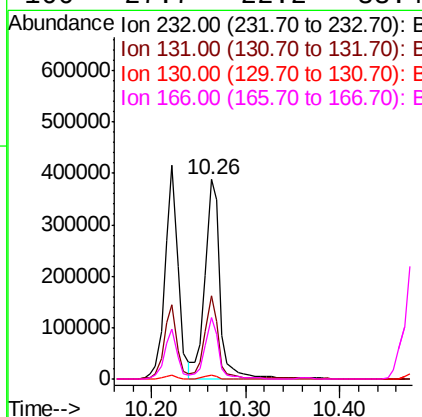
Manual Integrations
 APPROVED

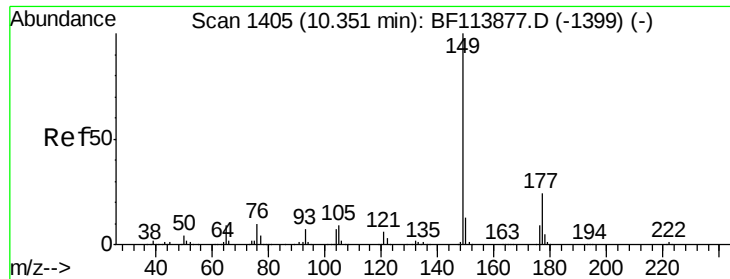
Sohil
 4/27/2019 2:36:37 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.076 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion:232 Resp: 432148
 Ion Ratio Lower Upper
 232 100
 131 37.5 30.2 45.2
 130 1.9 1.5 2.3
 166 27.7 22.2 33.4





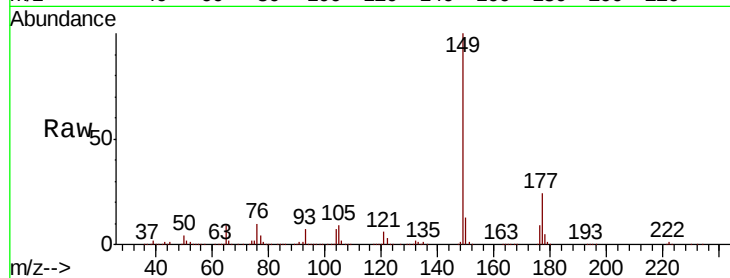
#60
Diethylphthalate
Concen: 43.248 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

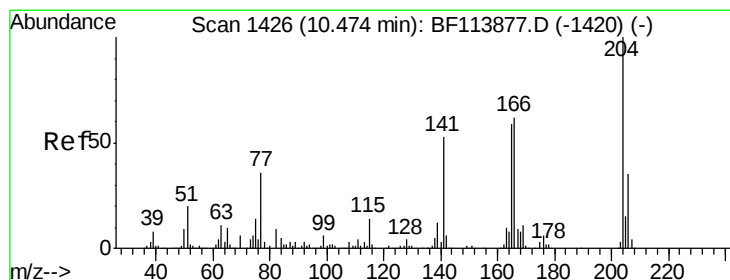
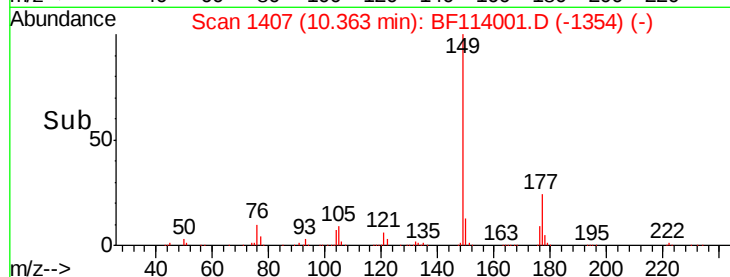
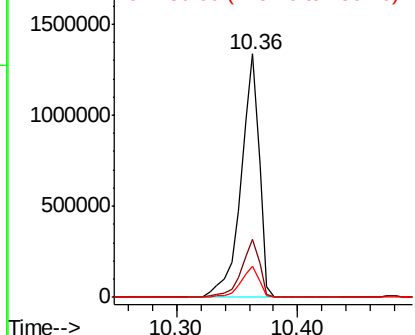
Tgt Ion:149 Resp: 1400554
Ion Ratio Lower Upper
149 100
177 24.1 19.2 28.8
150 12.9 10.3 15.5

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



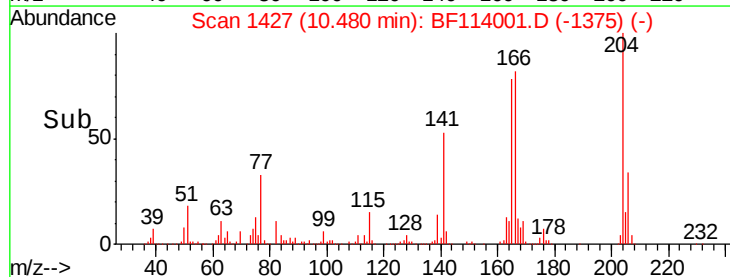
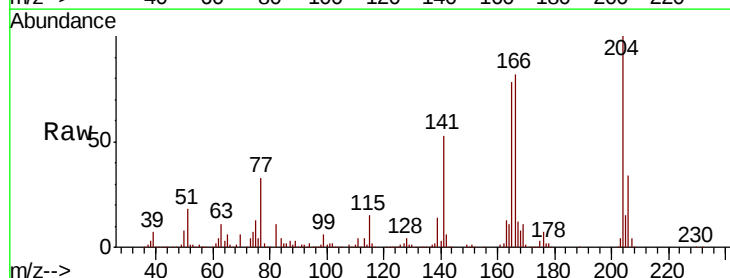
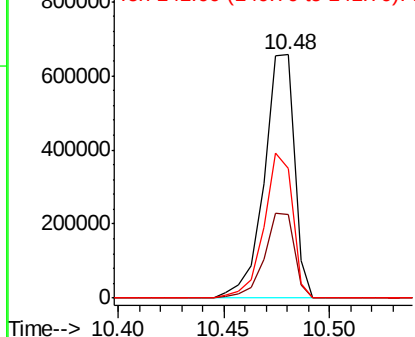
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

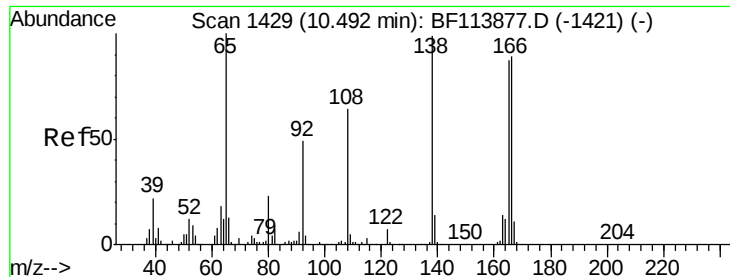


#61
4-Chlorophenyl-phenylether
Concen: 40.540 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion:204 Resp: 656211
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 53.3 42.6 63.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 45.566 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.02 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

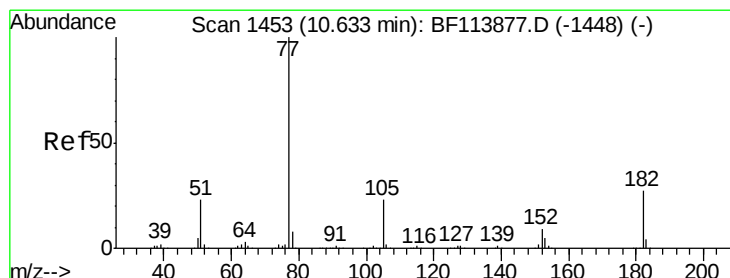
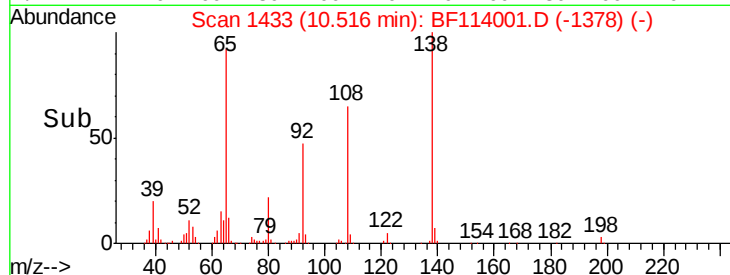
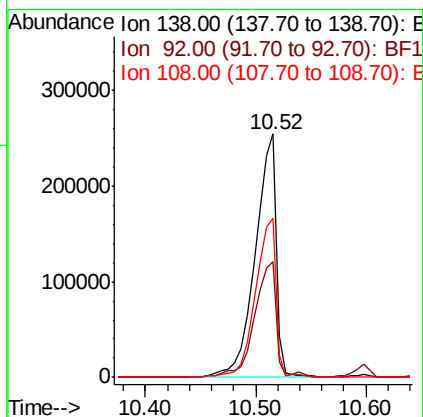
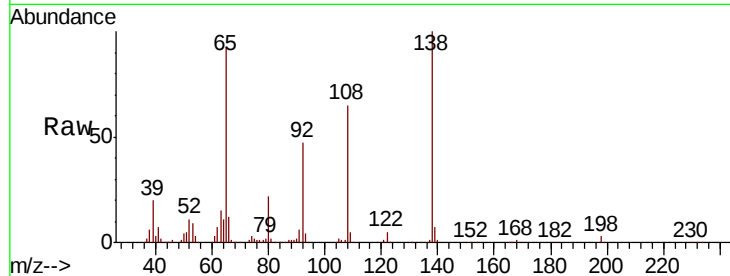
ClientSampleId :

PB119139BS

Tgt Ion:	138	Resp:	341857
Ion Ratio	Lower	Upper	
138	100		
92	47.4	31.3	71.3
108	65.2	48.9	88.9

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



#63

Azobenzene

Concen: 40.711 ng

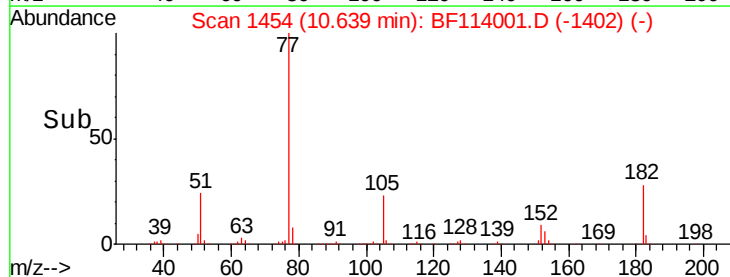
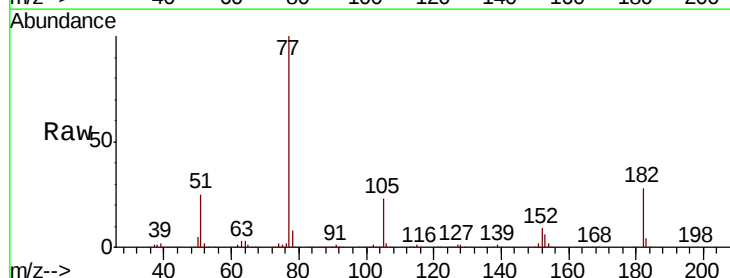
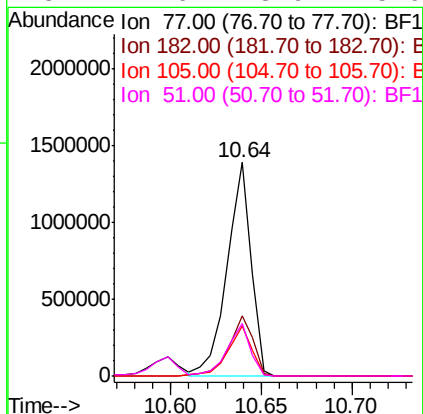
RT: 10.64 min Scan# 1454

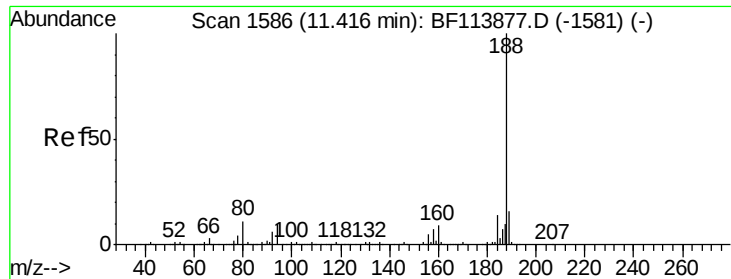
Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	77	Resp:	1277783
Ion Ratio	Lower	Upper	
77	100		
182	28.3	4.4	44.4
105	23.4	2.2	42.2
51	24.6	3.9	43.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

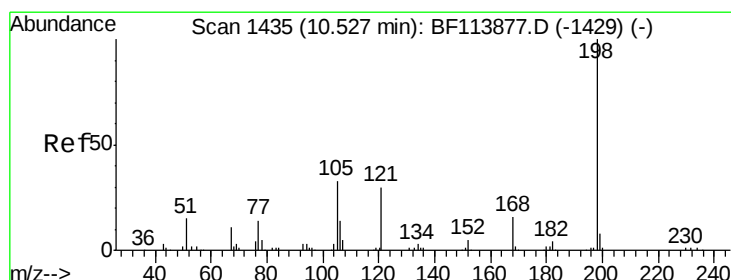
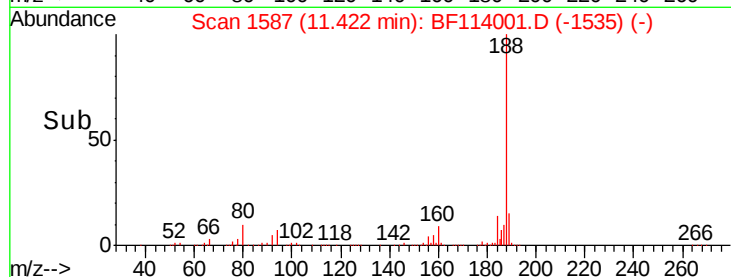
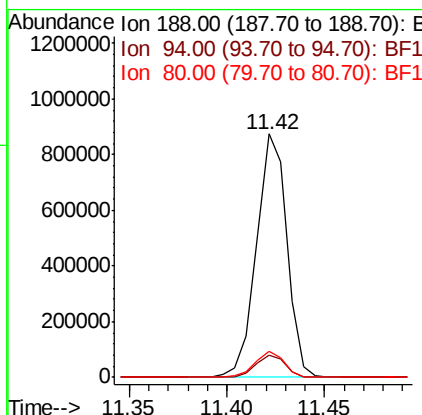
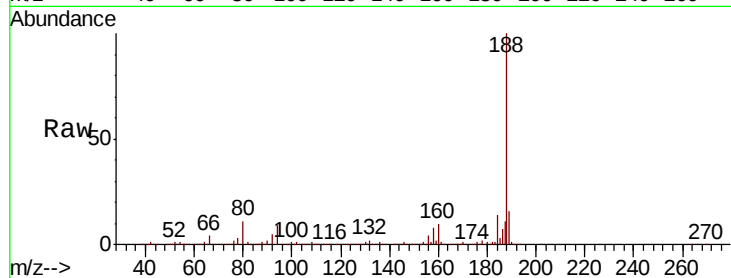
ClientSampleId :

PB119139BS

Tgt Ion:	188	Resp:	944219
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.2	12.4
80	10.7	9.0	13.6

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



#65

4,6-Dinitro-2-methylphenol

Concen: 52.434 ng

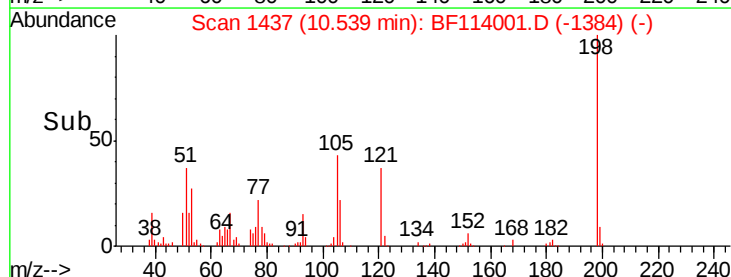
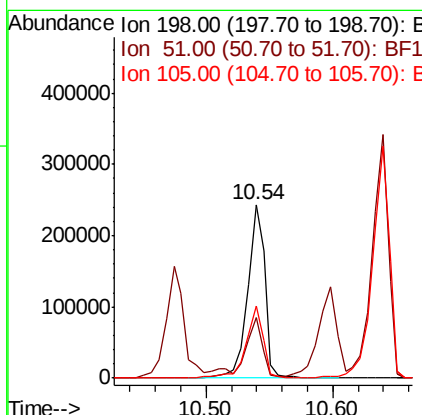
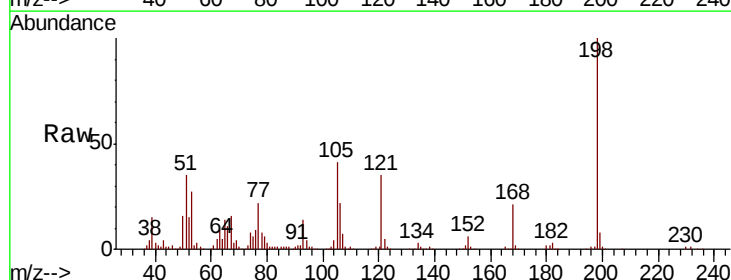
RT: 10.54 min Scan# 1437

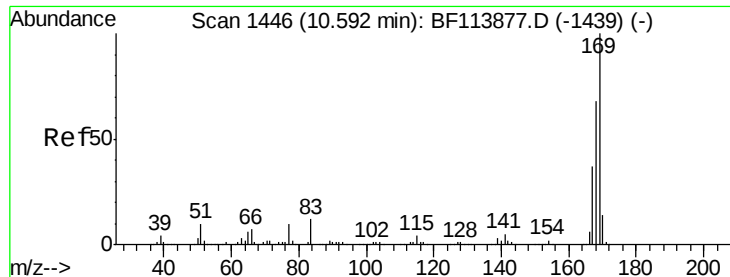
Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	198	Resp:	230371
Ion Ratio	Lower	Upper	
198	100		
51	35.3	11.1	51.1
105	41.4	20.7	60.7





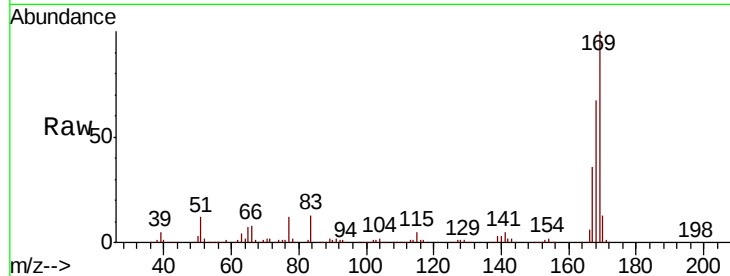
#66
 n-Nitrosodiphenylamine
 Concen: 41.436 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampled :
 PB119139BS

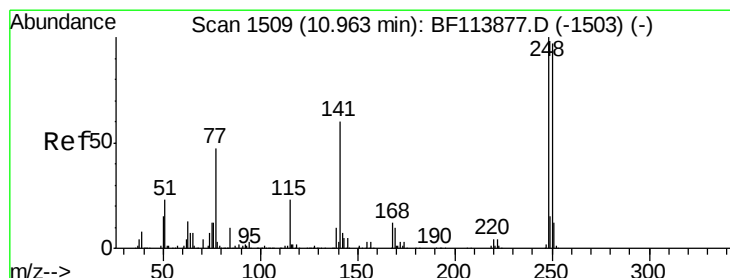
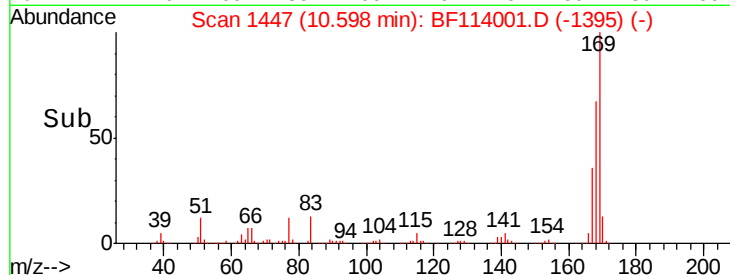
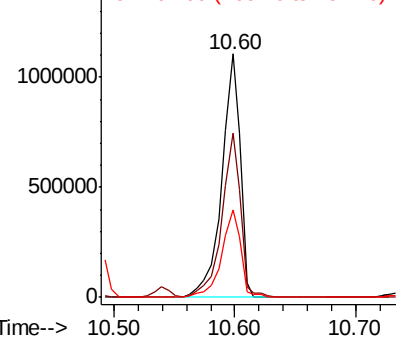
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.3	81.5
167	36.1	29.4	44.0

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

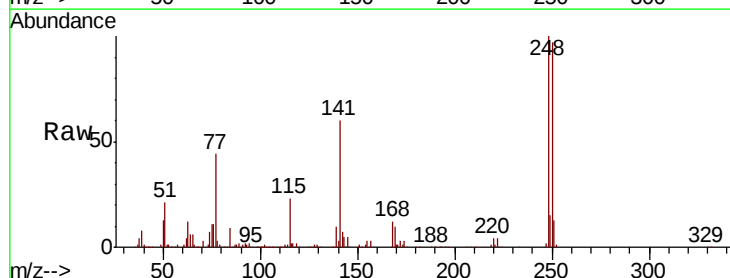


Abundance Ion 169.00 (168.70 to 169.70): E
 1500000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

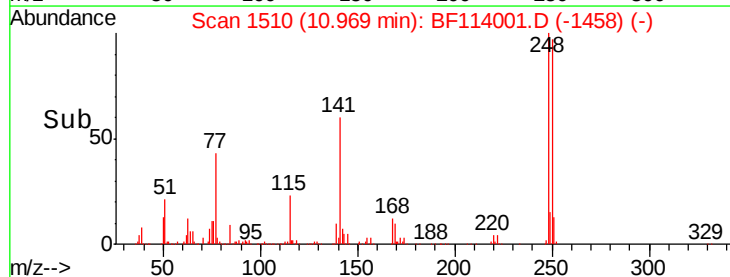
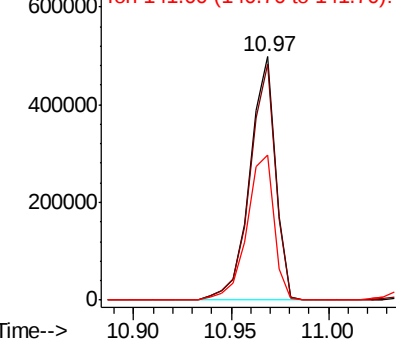


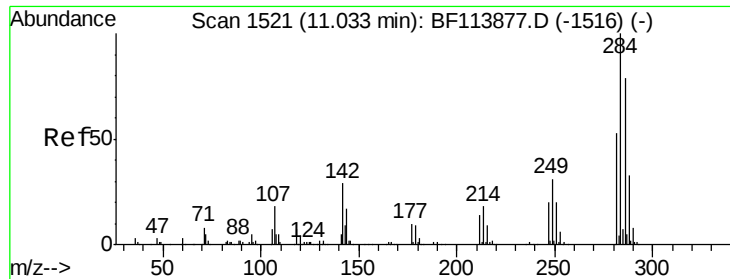
#67
 4-Bromophenyl-phenylether
 Concen: 39.980 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	75.8	113.6
141	59.7	50.2	75.4



Abundance Ion 248.00 (247.70 to 248.70): E
 600000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





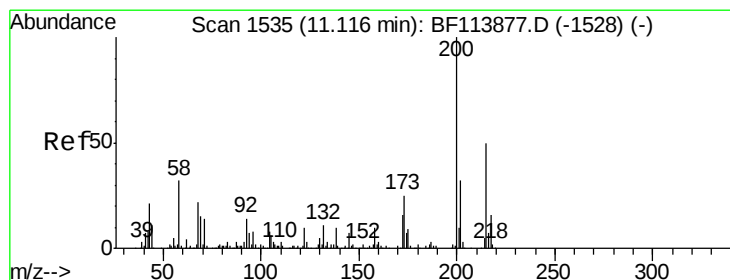
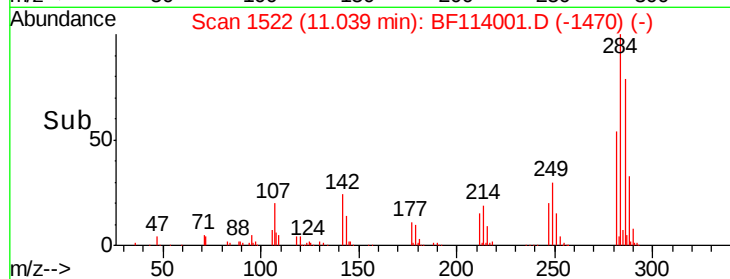
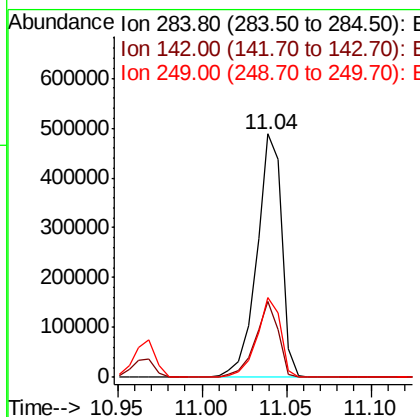
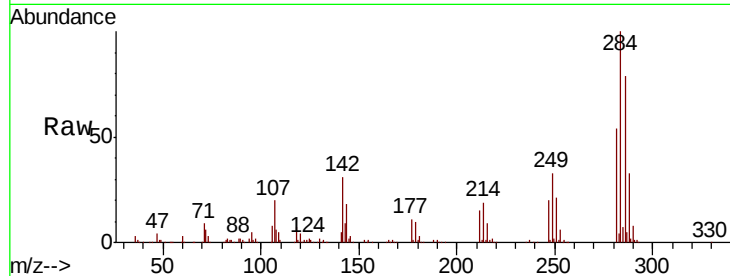
#68
Hexachlorobenzene
Concen: 39.964 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	500930		
142	31.1	23.0	34.4	
249	32.7	24.4	36.6	

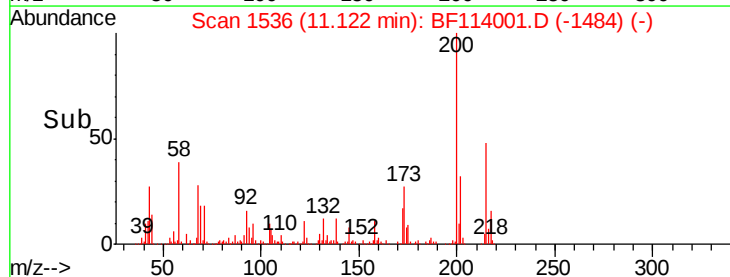
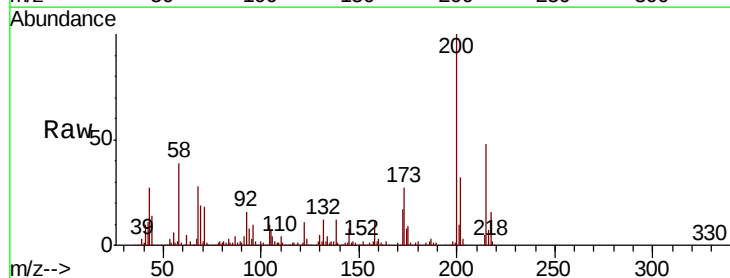
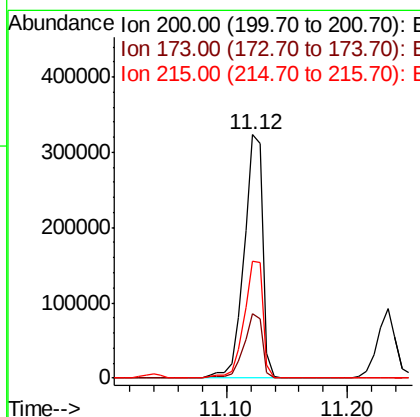
Manual Integrations
APPROVED

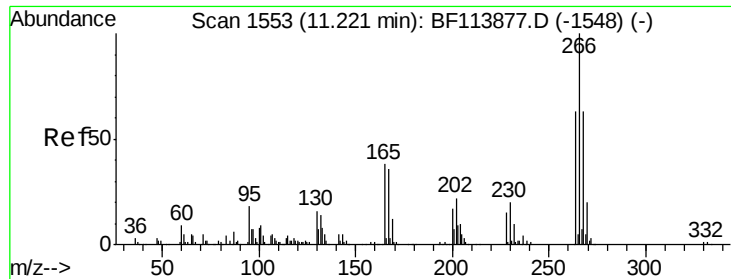
Sohil
4/27/2019 2:36:37 AM



#69
Atrazine
Concen: 37.872 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	349046		
173	26.5	5.9	45.9	
215	48.1	29.3	69.3	





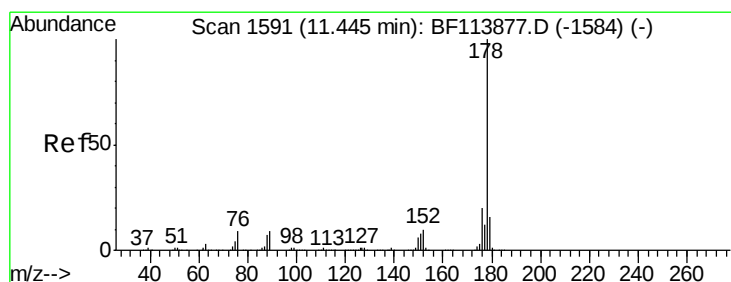
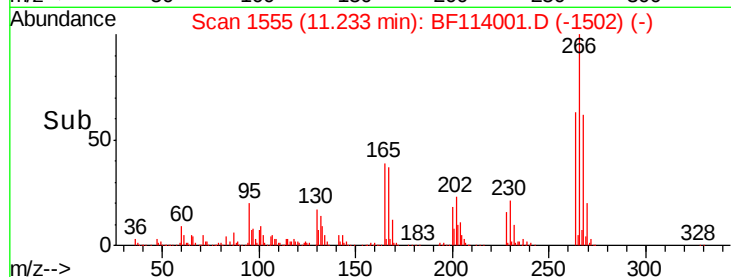
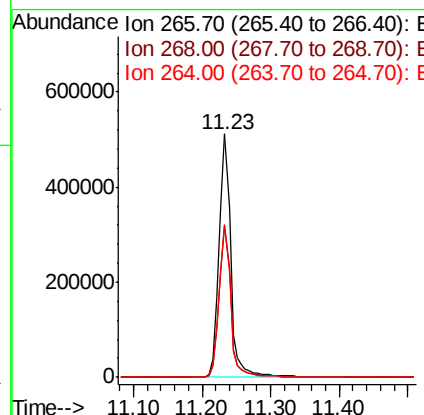
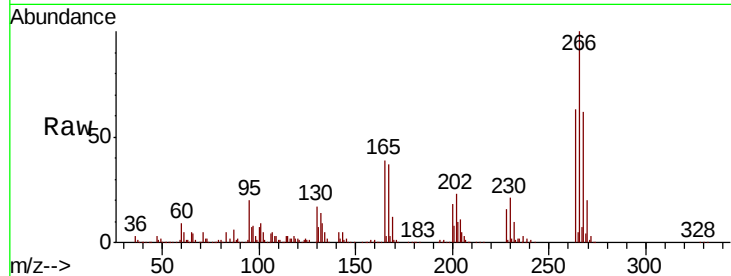
#70
 Pentachlorophenol
 Concen: 84.823 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	601982		
268	62.4	53.5	80.3	
264	62.7	51.0	76.6	

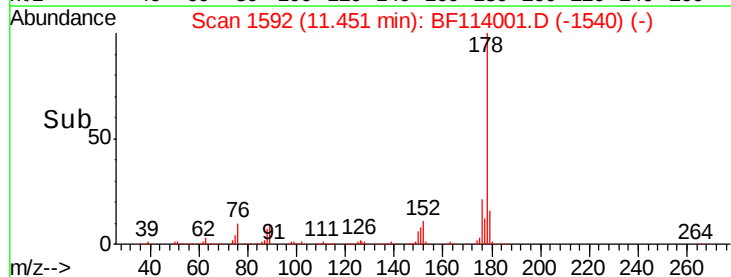
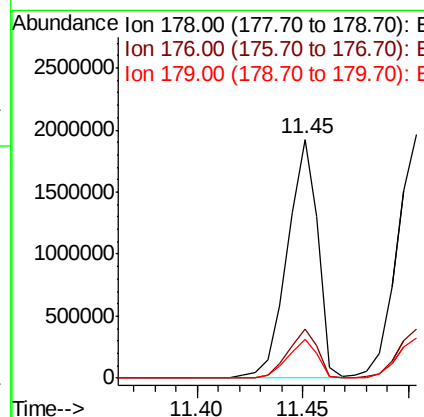
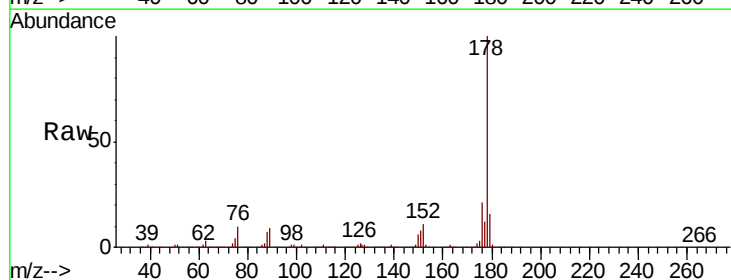
Manual Integrations
 APPROVED

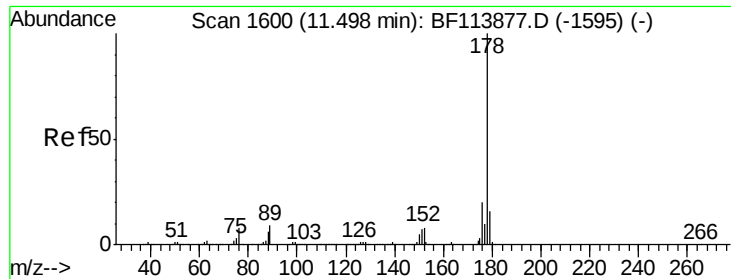
Sohil
 4/27/2019 2:36:37 AM



#71
 Phenanthrene
 Concen: 40.649 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1928912		
176	20.6	16.1	24.1	
179	16.3	12.8	19.2	





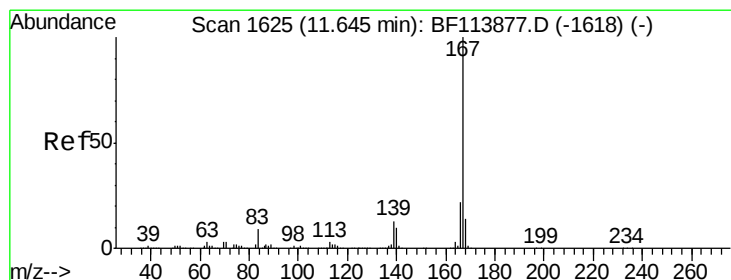
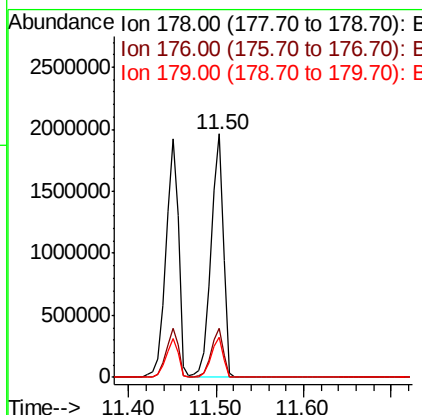
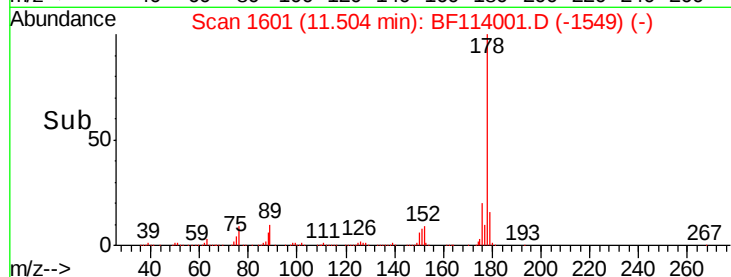
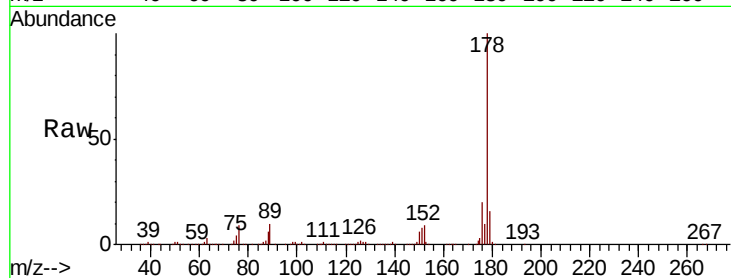
#72
 Anthracene
 Concen: 40.454 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion:178 Resp: 1938521
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 16.3 13.0 19.4

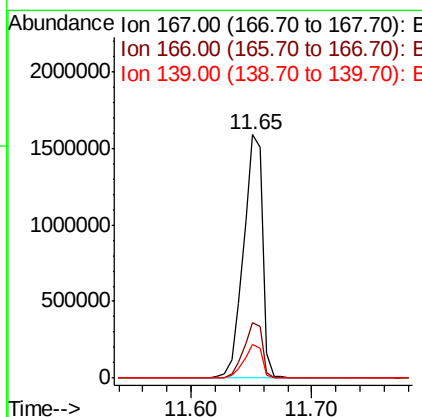
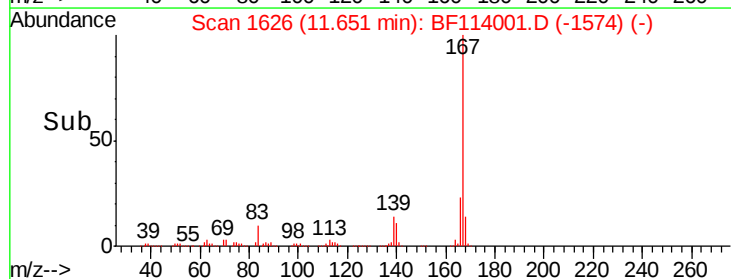
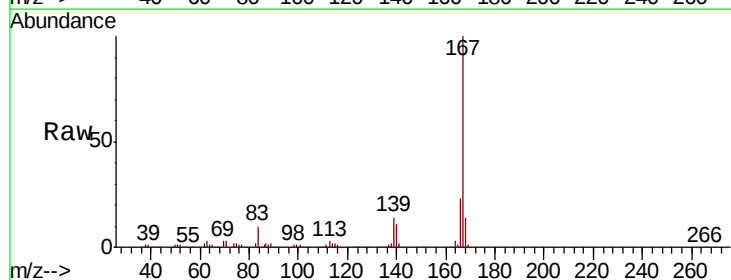
Manual Integrations
 APPROVED

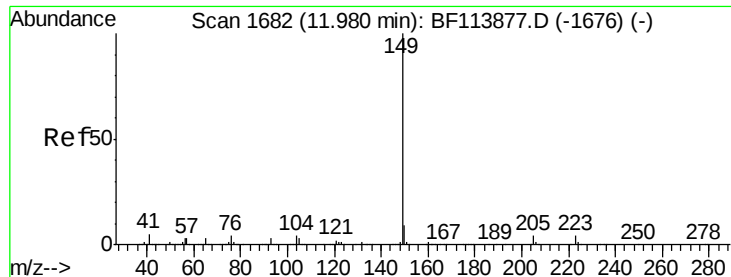
Sohil
 4/27/2019 2:36:37 AM



#73
 Carbazole
 Concen: 41.062 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion:167 Resp: 1755446
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 13.7 10.0 15.0





#74

Di-n-butylphthalate

Concen: 41.165 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

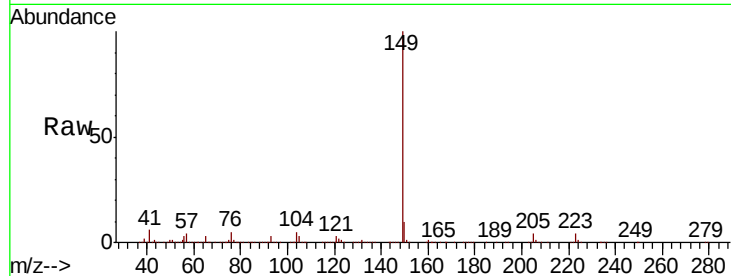
ClientSampleId :

PB119139BS

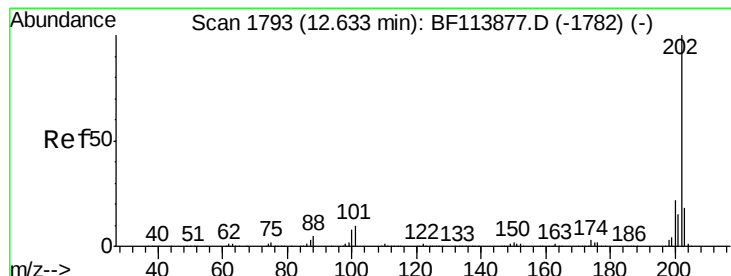
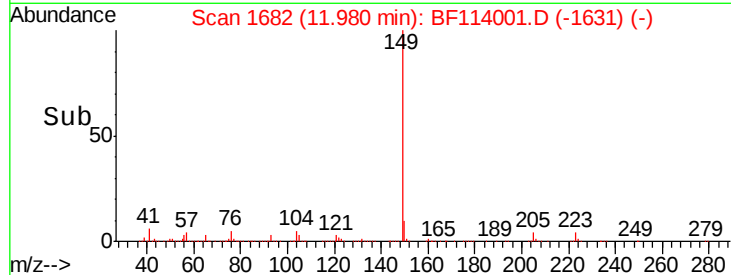
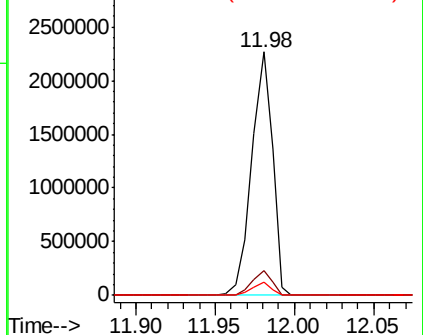
Tgt Ion:	149	Resp:	2070152
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.8
104	5.2	3.8	5.8

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 38.975 ng

RT: 12.64 min Scan# 1794

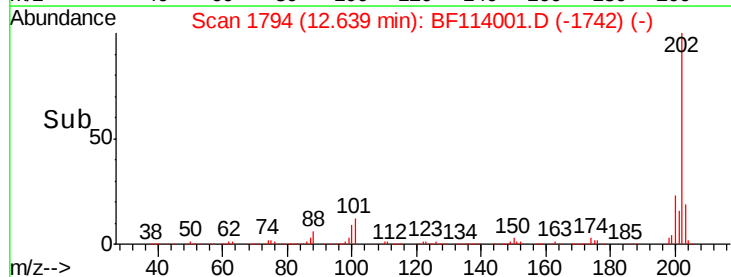
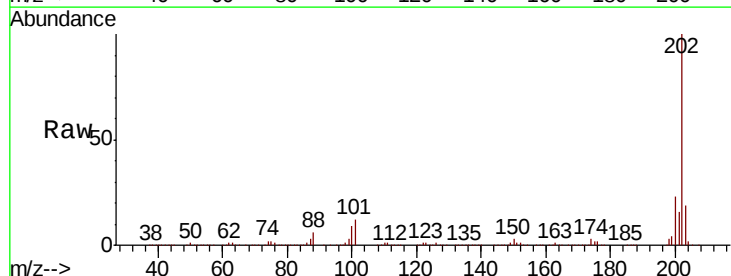
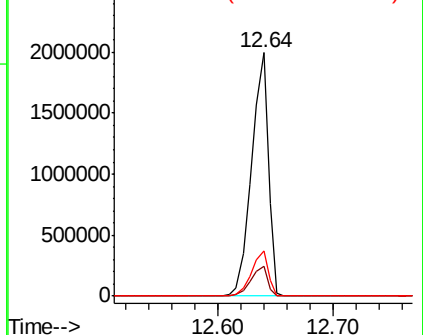
Delta R.T. 0.01 min

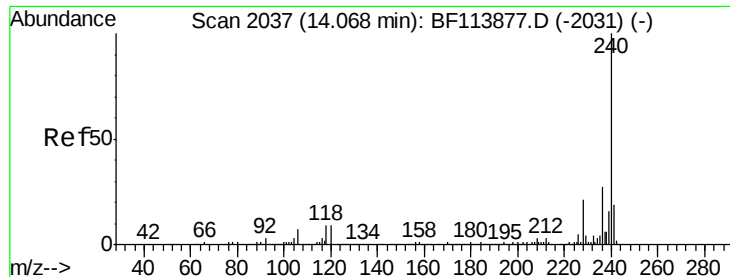
Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	202	Resp:	2017786
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	32.9
203	18.6	0.0	38.2

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





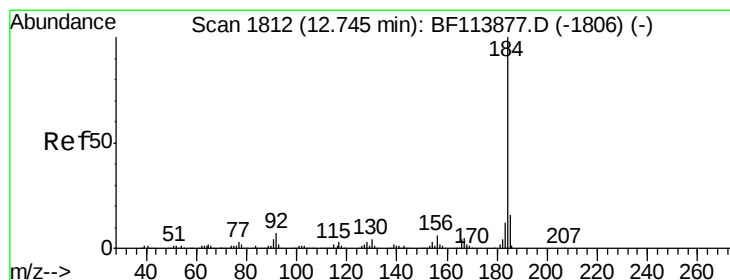
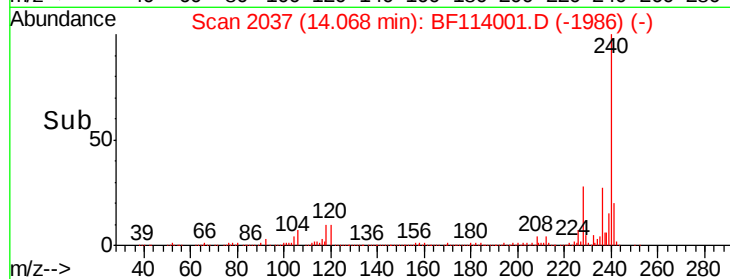
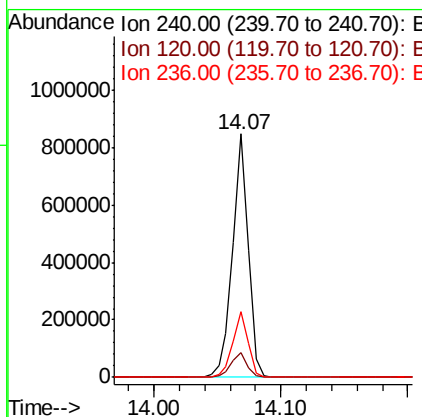
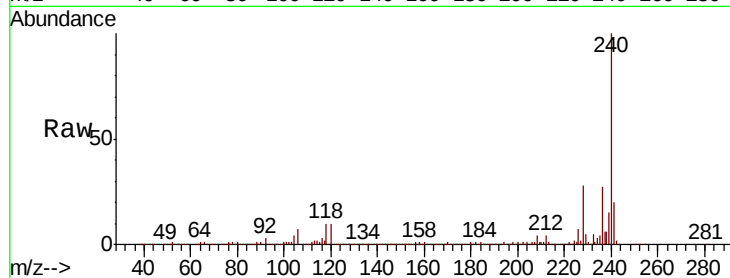
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.3	13.9
236	26.7	21.2	31.8

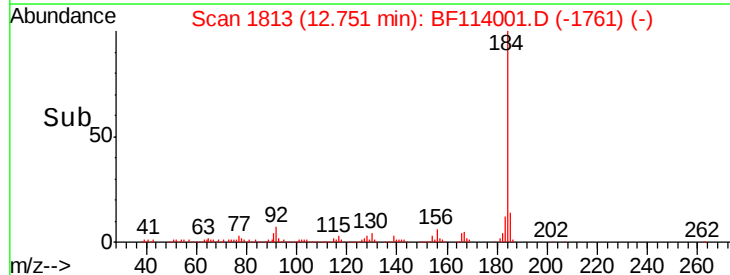
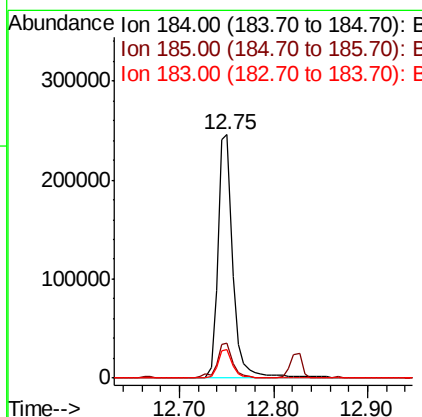
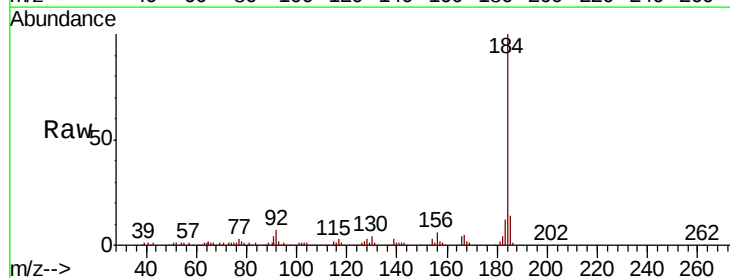
Manual Integrations
APPROVED

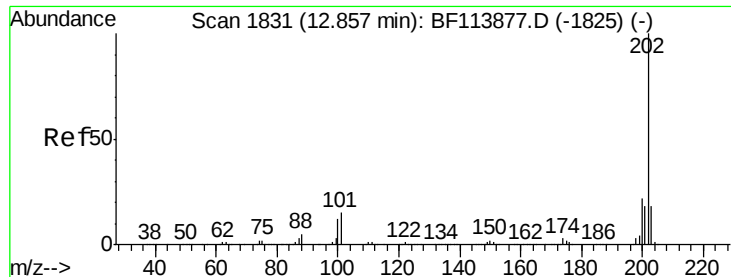
Sohil
4/27/2019 2:36:37 AM



#77
Benzidine
Concen: 12.856 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.6
183	11.6	9.4	14.0





#78

Pyrene

Concen: 39.966 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Instrument :

BNA_F

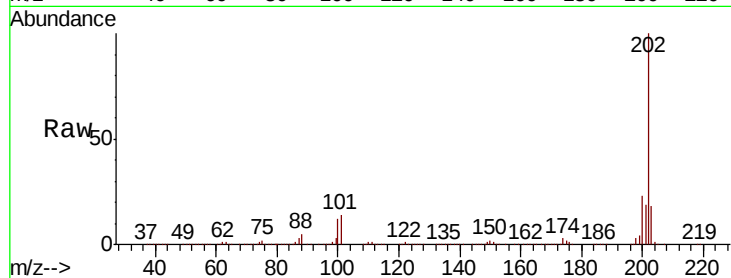
ClientSampleId :

PB119139BS

Tgt Ion:	202	Resp:	2009730
Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.7	26.5
203	18.3	15.0	22.6

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM

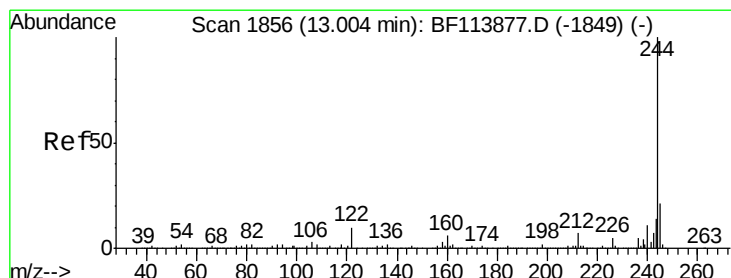
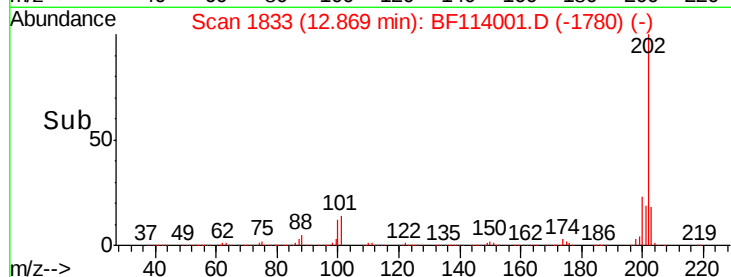
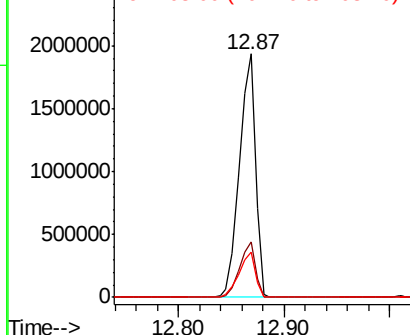


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 73.687 ng

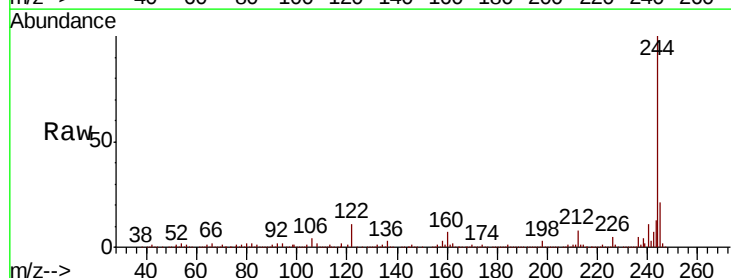
RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF114001.D

Acq: 26 Apr 2019 11:21

Tgt Ion:	244	Resp:	2584566
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	10.8	7.6	11.4

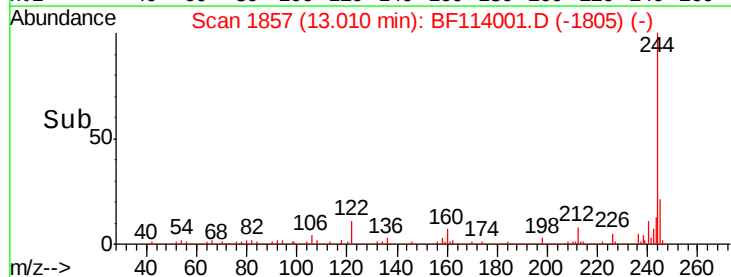
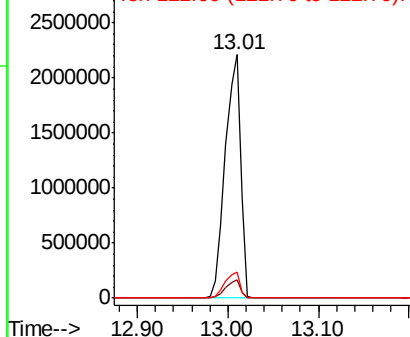


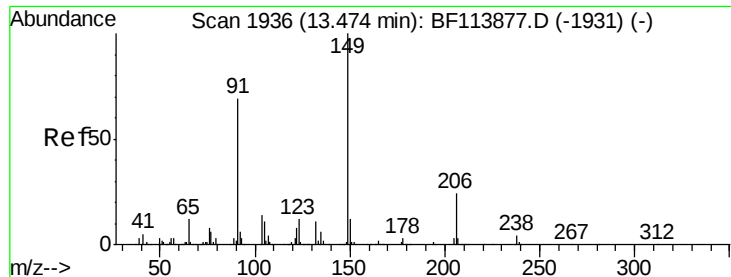
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





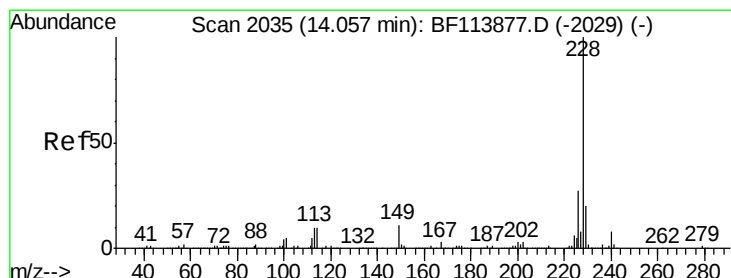
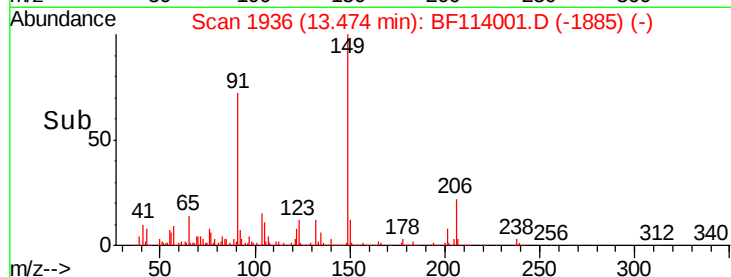
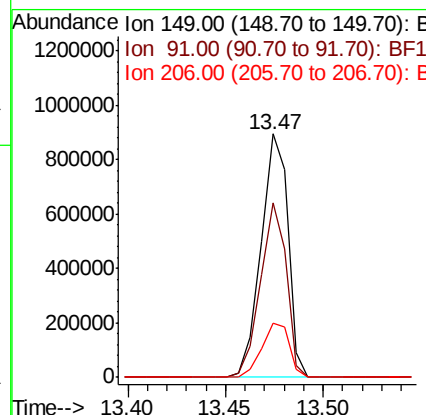
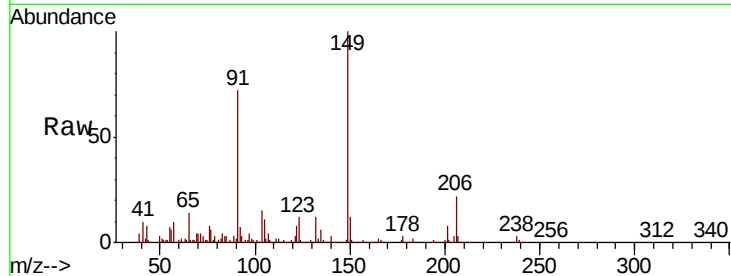
#80
Butylbenzylphthalate
Concen: 43.187 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.9	56.3	84.5
206	22.4	19.0	28.6

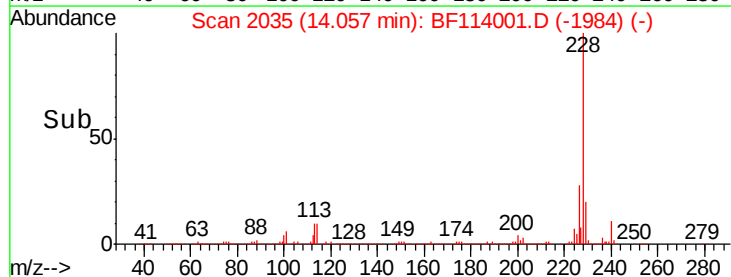
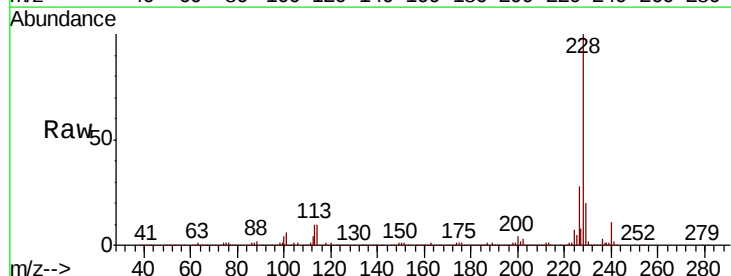
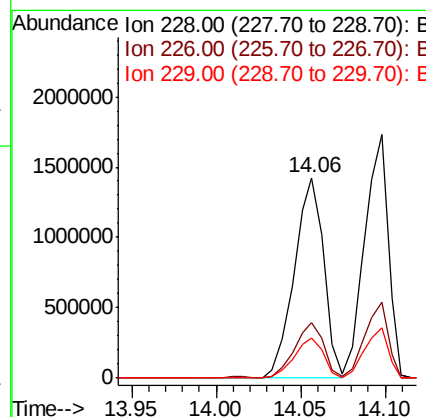
Manual Integrations
APPROVED

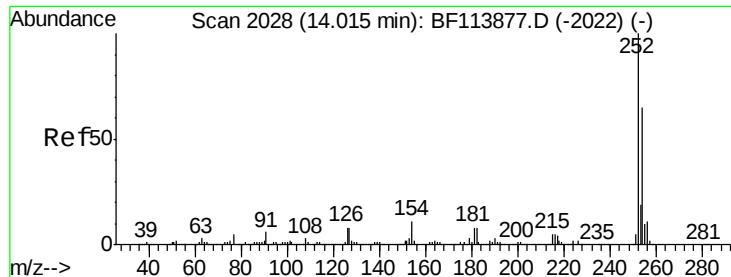
Sohil
4/27/2019 2:36:37 AM



#81
Benzo(a)anthracene
Concen: 40.830 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.0	16.0	24.0





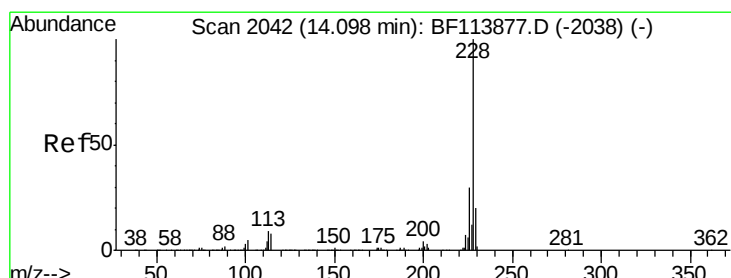
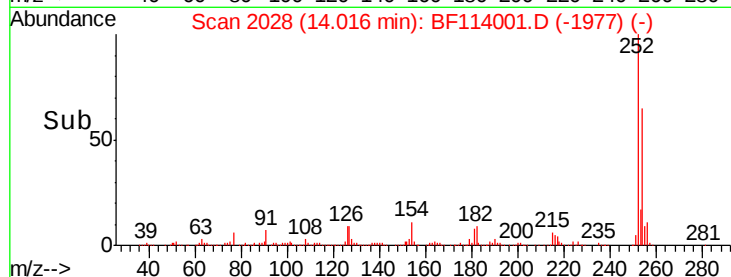
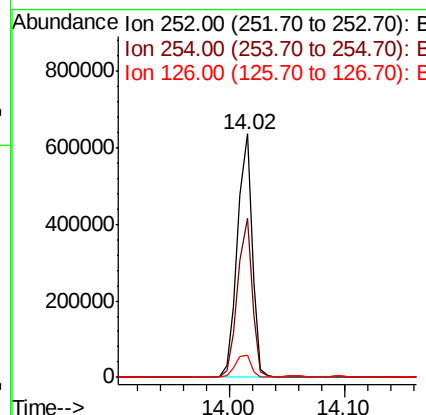
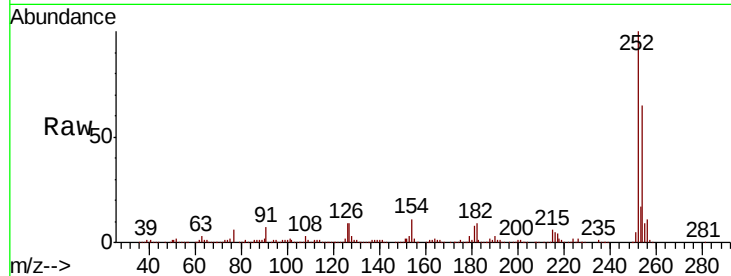
#82
 3,3'-Dichlorobenzidine
 Concen: 36.756 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	570770		
254	65.1	52.1	78.1	
126	9.2	9.3	13.9	

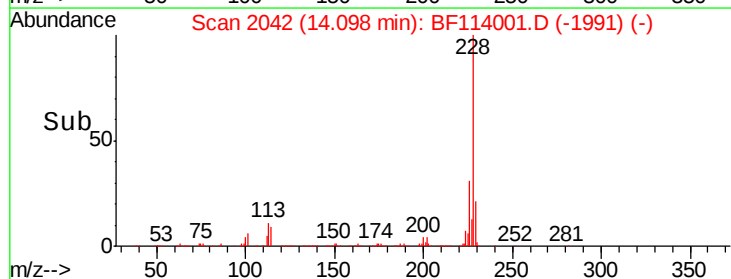
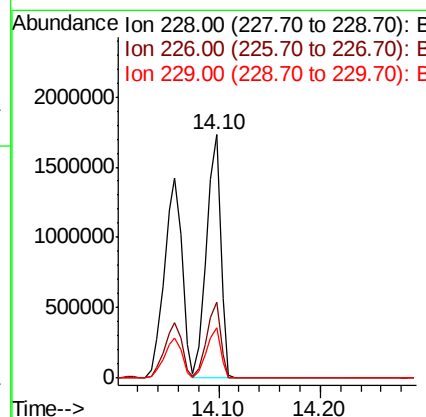
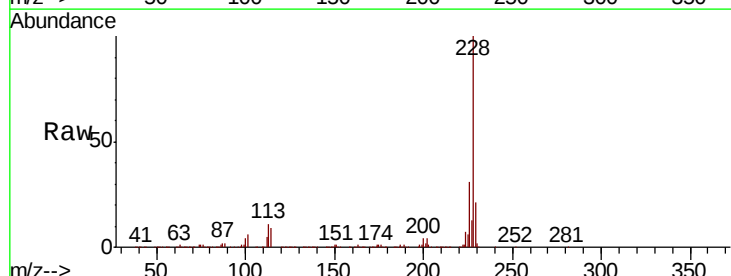
Manual Integrations
 APPROVED

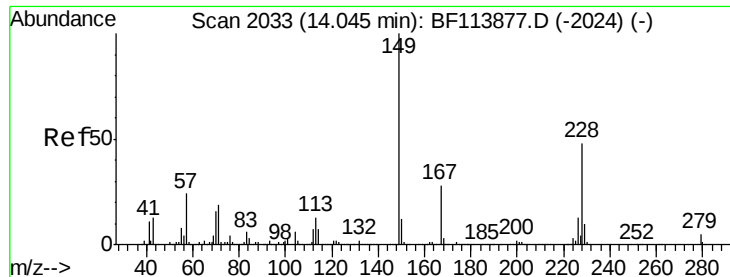
Sohil
 4/27/2019 2:36:37 AM



#83
 Chrysene
 Concen: 40.857 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1685824		
226	31.1	25.2	37.8	
229	20.6	16.7	25.1	





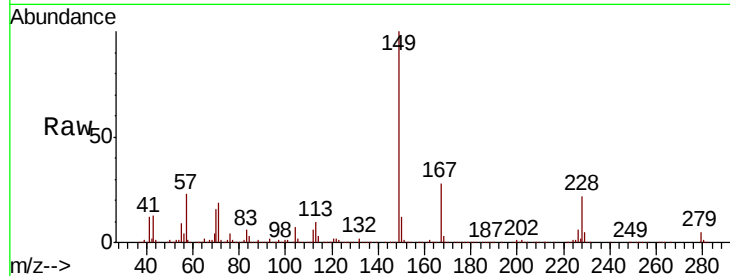
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.629 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.9	34.3
279	4.7	4.2	6.2

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

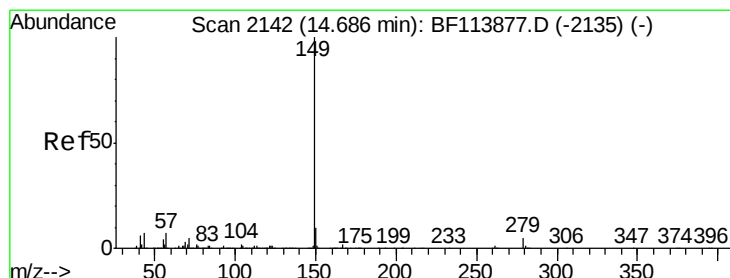
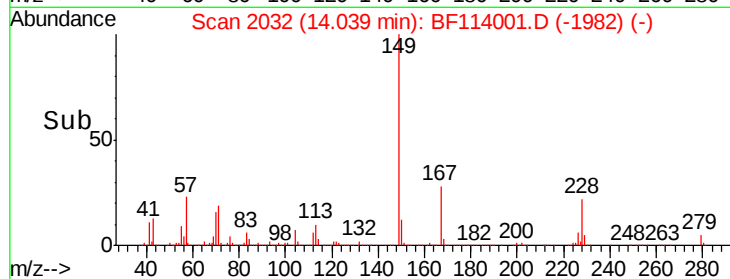
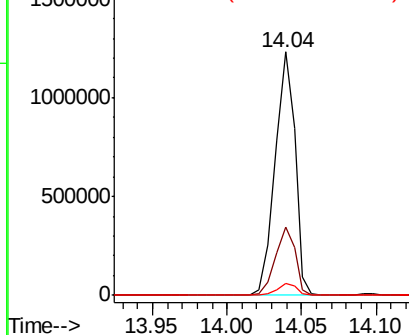


Abundance

Ion 149.00 (148.70 to 149.70): E

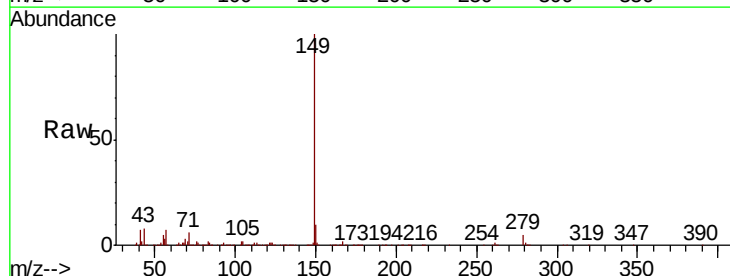
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Di-n-octyl phthalate
 Concen: 44.559 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.02 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.7	6.6	10.0

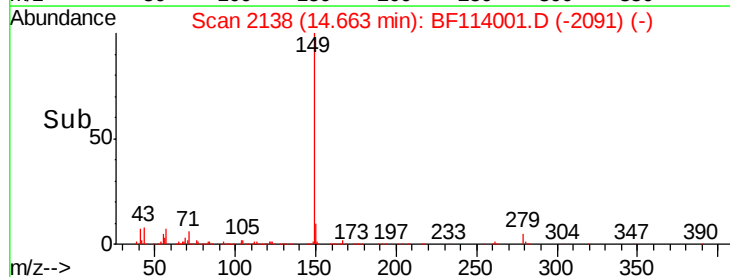
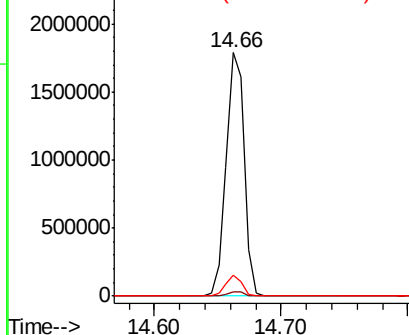


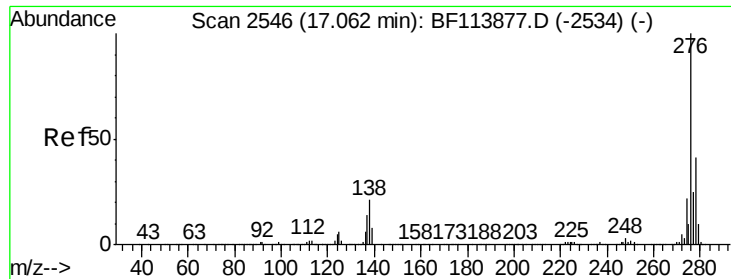
Abundance

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





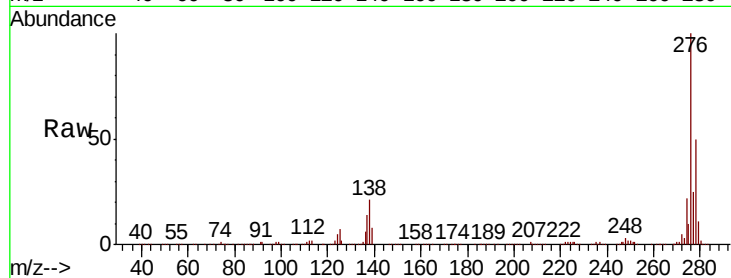
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 36.070 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.6	29.4
277	25.2	20.2	30.4

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

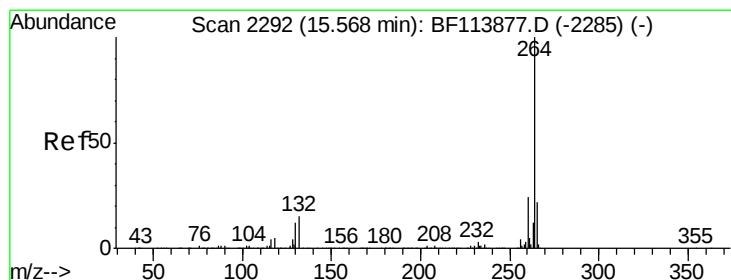
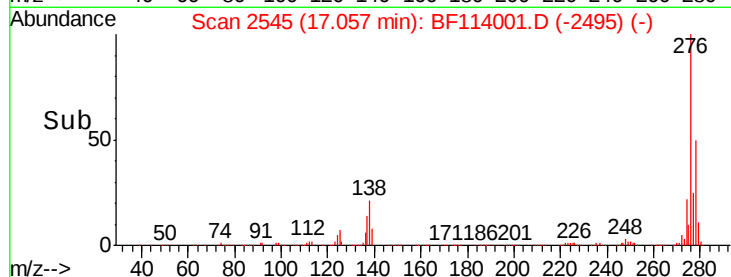
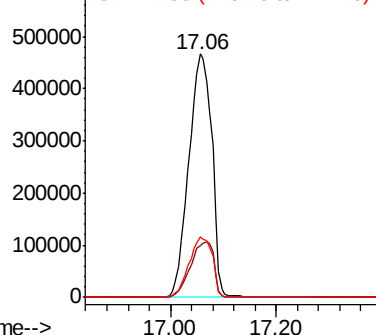


Abundance

Ion 276.00 (275.70 to 276.70): E

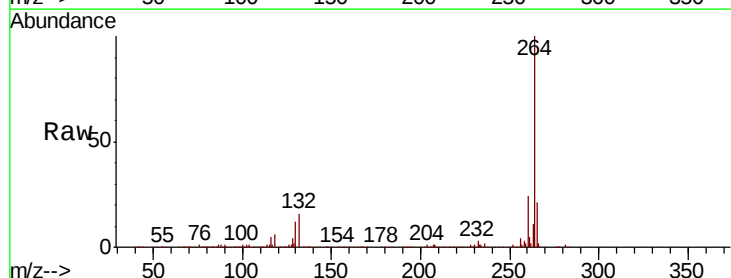
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.4	17.3	25.9

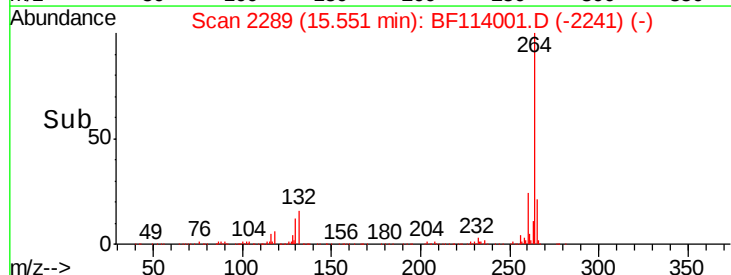
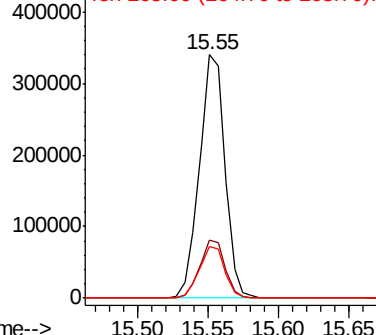


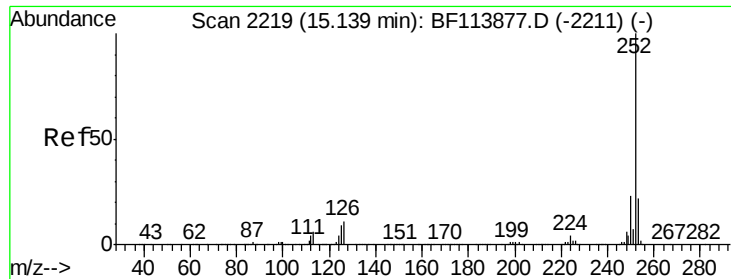
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





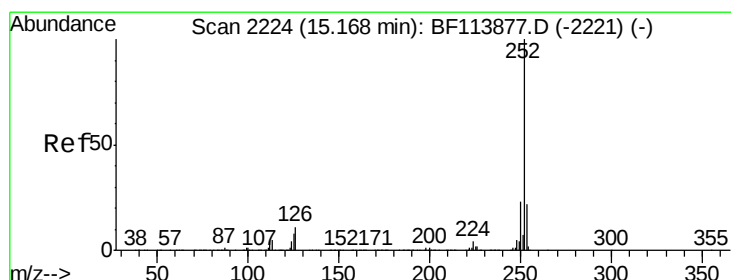
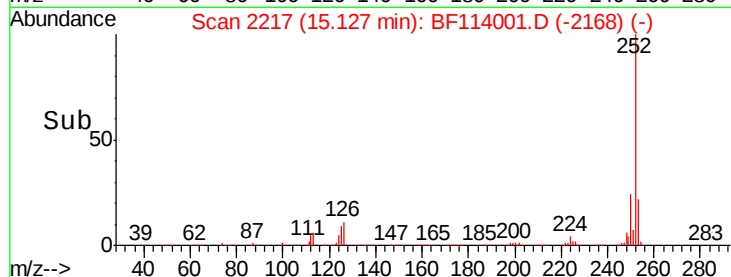
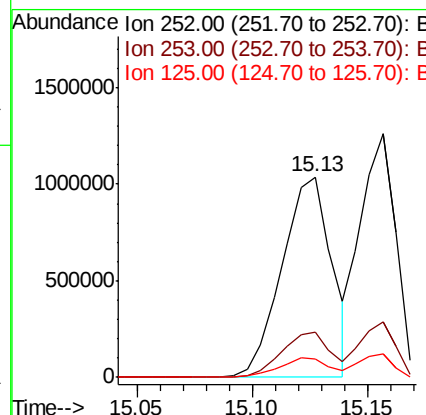
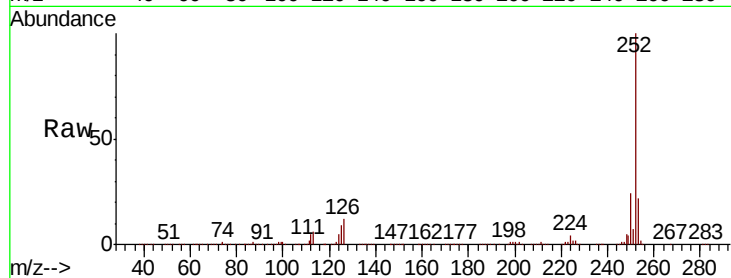
#88
Benzo(b)fluoranthene
Concen: 57.231 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampleId :
PB119139BS

Tgt Ion:252 Resp: 1551701
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.0 7.0 10.6

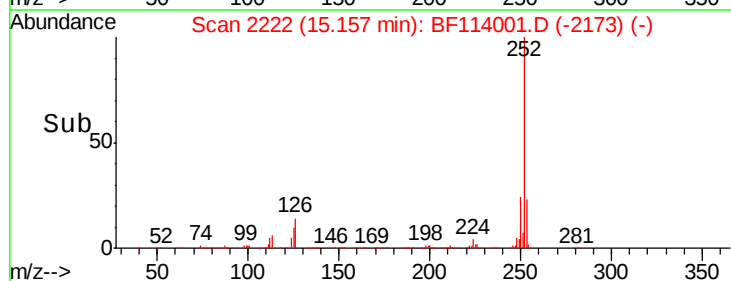
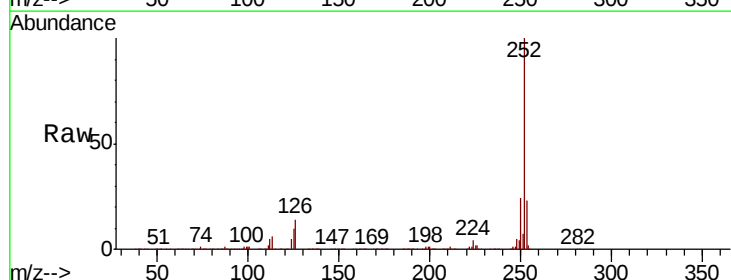
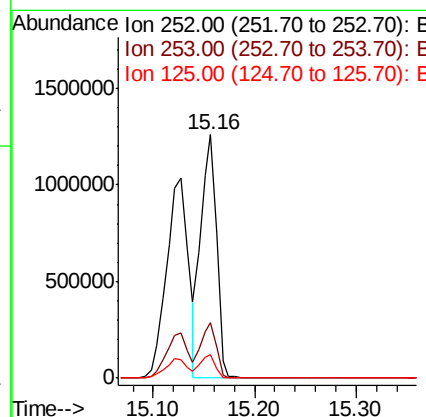
Manual Integrations
APPROVED

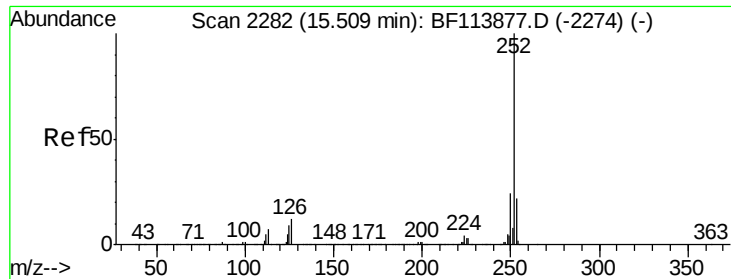
Sohil
4/27/2019 2:36:37 AM



#89
Benzo(k)fluoranthene
Concen: 58.104 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion:252 Resp: 1355101
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.8 7.4 11.2





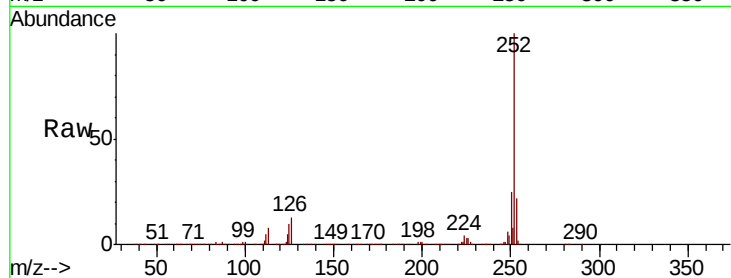
#90
Benzo(a)pyrene
Concen: 56.453 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Instrument :
BNA_F
ClientSampled :
PB119139BS

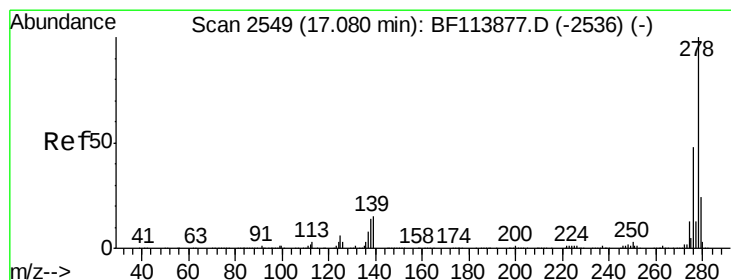
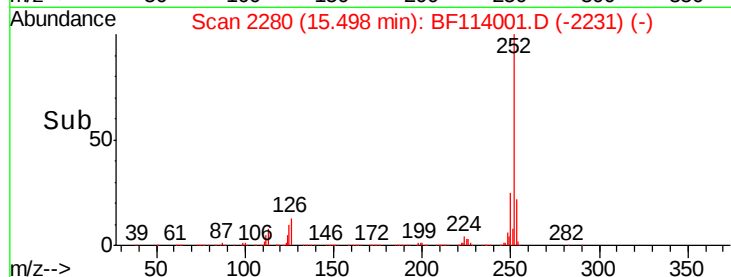
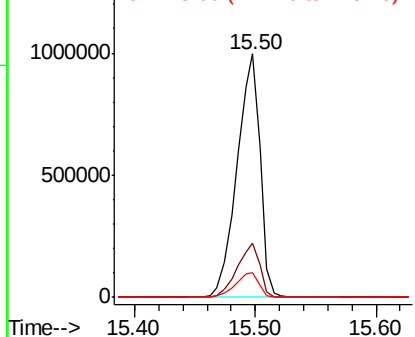
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.2	8.5	12.7

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:37 AM



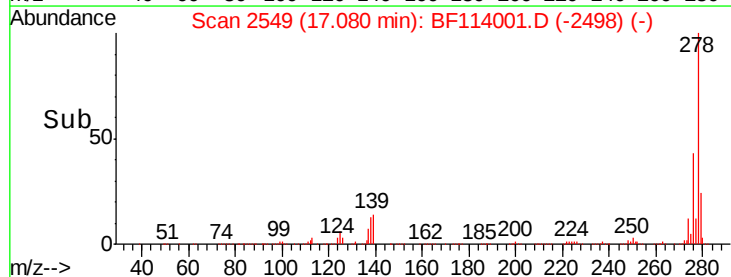
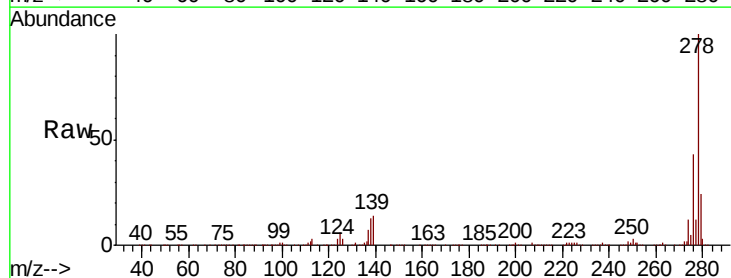
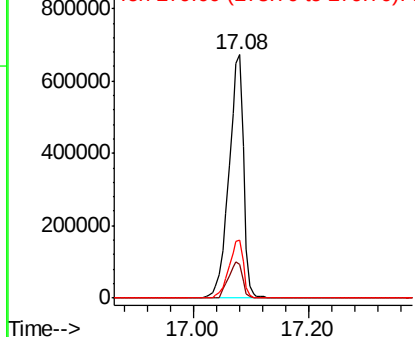
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

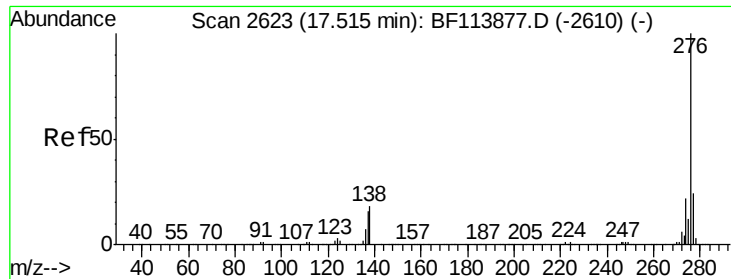


#91
Dibenzo(a,h)anthracene
Concen: 53.240 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF114001.D
Acq: 26 Apr 2019 11:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.6	17.4
279	23.7	19.0	28.6

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: 54.553 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF114001.D
 Acq: 26 Apr 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB119139BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	19.3	16.6	25.0

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:37 AM

