

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112664.D
 Acq On : 22 Feb 2019 15:14
 Operator : JU/SJ
 Sample : PB117293BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:56 AM

Quant Time: Feb 23 00:09:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91756	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	360201	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	175902	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	338770	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	254982	20.00	ng	-0.03
87) Perylene-d12	15.44	264	167535	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	749711	173.55	ng	-0.02
7) Phenol-d6	6.47	99	924871	154.08	ng	-0.02
23) Nitrobenzene-d5	7.39	82	507396	81.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	299610	146.33	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1029131	82.75	ng	-0.04
79) Terphenyl-d14	12.92	244	1196981	88.42	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	77865	45.248	ng	93
3) Pyridine	3.44	79	195387	44.635	ng	99
4) n-Nitrosodimethylamine	3.39	42	105623	57.432	ng	# 89
6) Aniline	6.49	93	229946	32.203	ng	# 35
8) 2-Chlorophenol	6.61	128	252672	43.479	ng	96
9) Benzaldehyde	6.37	77	77323	24.645	ng	95
10) Phenol	6.49	94	288668	43.834	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	222119	42.841	ng	99
12) 1,3-Dichlorobenzene	6.76	146	271706	40.147	ng	98
13) 1,4-Dichlorobenzene	6.83	146	281409	40.402	ng	98
14) 1,2-Dichlorobenzene	6.99	146	263884	40.465	ng	96
15) Benzyl Alcohol	6.97	79	211646	41.827	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	259878	39.038	ng	# 4
17) 2-Methylphenol	7.09	107	195245	42.383	ng	# 85
18) Hexachloroethane	7.32	117	102713	41.994	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	171049	41.326	ng	98
20) 3+4-Methylphenols	7.25	107	259709	44.086	ng	# 64
22) Acetophenone	7.23	105	352356	40.173	ng	# 92
24) Nitrobenzene	7.40	77	258412	41.390	ng	99
25) Isophorone	7.64	82	451725	46.061	ng	98
26) 2-Nitrophenol	7.72	139	138219	41.426	ng	# 89
27) 2,4-Dimethylphenol	7.76	122	215930	46.973	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	279911	41.917	ng	99
29) 2,4-Dichlorophenol	7.97	162	213453	41.493	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	232083	39.248	ng	98
31) Naphthalene	8.12	128	743526	44.140	ng	98
32) Benzoic acid	7.93	122	124098	47.327	ng	95
33) 4-Chloroaniline	8.18	127	158960	21.673	ng	98
34) Hexachlorobutadiene	8.23	225	134783	38.843	ng	97
35) Caprolactam	8.56	113	64392m	35.482	ng	
36) 4-Chloro-3-methylphenol	8.67	107	224788	41.277	ng	94
37) 2-Methylnaphthalene	8.81	142	519104	45.016	ng	96
38) 1-Methylnaphthalene	8.91	142	484688	43.852	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	232769	40.303	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112664.D
 Acq On : 22 Feb 2019 15:14
 Operator : JU/SJ
 Sample : PB117293BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

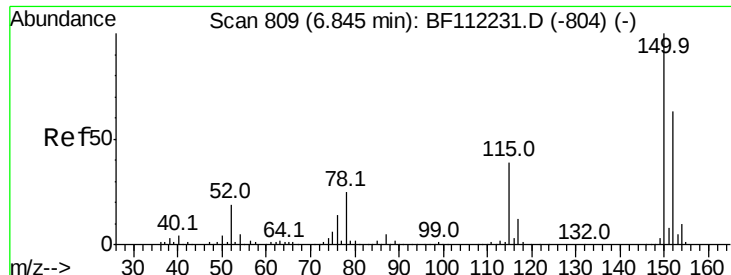
Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:56 AM

Quant Time: Feb 23 00:09:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	98313	49.083	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	143966	40.439	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	144174	38.749	ng	95
46) 1,1'-Biphenyl	9.27	154	628509	40.871	ng	98
47) 2-Chloronaphthalene	9.30	162	480057	40.256	ng	95
48) 2-Nitroaniline	9.41	65	135016	41.539	ng	95
49) Acenaphthylene	9.72	152	757508	43.339	ng	98
50) Dimethylphthalate	9.57	163	550711	40.296	ng	98
51) 2,6-Dinitrotoluene	9.65	165	126193	41.229	ng #	67
52) Acenaphthene	9.89	154	440841	42.221	ng	98
53) 3-Nitroaniline	9.82	138	92739	27.967	ng	89
54) 2,4-Dinitrophenol	9.95	184	79641	81.076	ng	94
55) Dibenzofuran	10.06	168	653409	40.951	ng #	90
56) 4-Nitrophenol	10.02	139	98223	56.027	ng	85
57) 2,4-Dinitrotoluene	10.06	165	165524	42.479	ng #	71
58) Fluorene	10.40	166	540561	45.272	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.19	232	113057	40.208	ng #	90
60) Diethylphthalate	10.27	149	574723	42.375	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	256756	39.530	ng #	88
62) 4-Nitroaniline	10.44	138	120341	36.999	ng	90
63) Azobenzene	10.55	77	506864	42.493	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	68814	36.230	ng	90
66) n-Nitrosodiphenylamine	10.51	169	467043	40.906	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	155532	39.035	ng	93
68) Hexachlorobenzene	10.96	284	169092	39.555	ng	92
69) Atrazine	11.04	200	149506	40.582	ng	97
70) Pentachlorophenol	11.16	266	89617	53.877	ng	97
71) Phenanthrene	11.36	178	773811	43.936	ng	99
72) Anthracene	11.42	178	792930	45.197	ng	99
73) Carbazole	11.57	167	695279	40.176	ng	98
74) Di-n-butylphthalate	11.89	149	885181	41.209	ng	98
75) Fluoranthene	12.56	202	785536	41.585	ng	97
77) Benzidine	12.67	184	240889	34.325	ng #	94
78) Pyrene	12.79	202	794734	45.018	ng	99
80) Butylbenzylphthalate	13.37	149	359882	42.135	ng	87
81) Benzo(a)anthracene	13.97	228	644761	43.015	ng	97
82) 3,3'-Dichlorobenzidine	13.92	252	150407	26.812	ng	99
83) Chrysene	14.01	228	594902	41.578	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	476290	39.285	ng #	94
85) Di-n-octyl phthalate	14.54	149	735067	39.407	ng	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	422674	37.282	ng	95
88) Benzo(b)fluoranthene	15.02	252	506086	50.511	ng	97
89) Benzo(k)fluoranthene	15.05	252	476888	49.691	ng	97
90) Benzo(a)pyrene	15.39	252	442610	49.095	ng	98
91) Dibenzo(a,h)anthracene	16.93	278	353531	48.656	ng	98
92) Benzo(g,h,i)perylene	17.38	276	345045	50.335	ng	94

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



#1

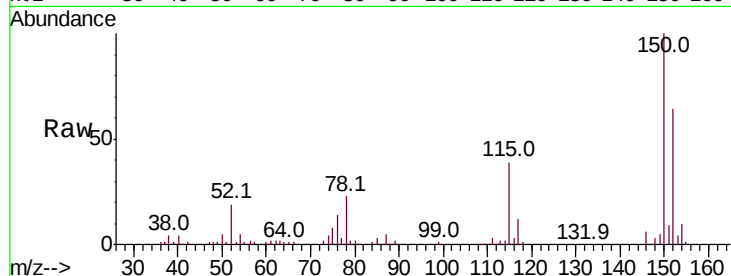
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.4	191.0
115	61.1	45.5	68.3

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM

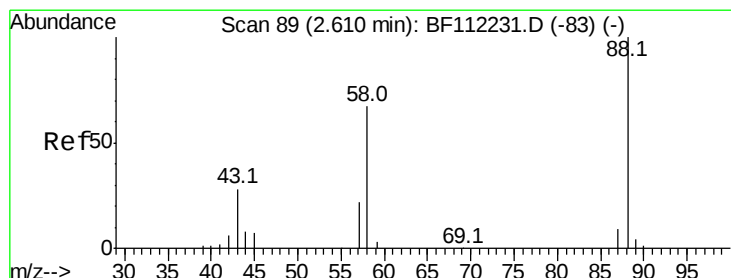
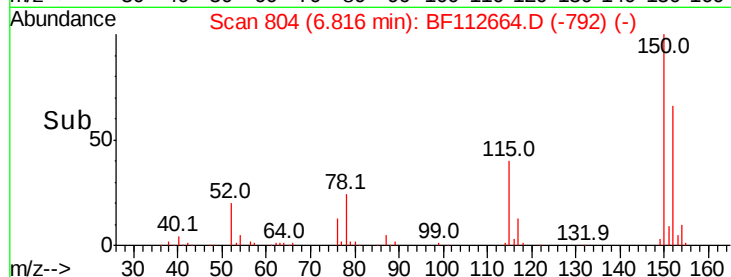
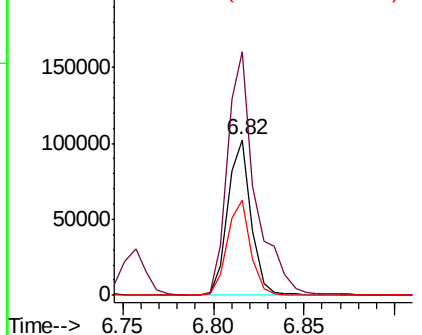


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.248 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.07 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

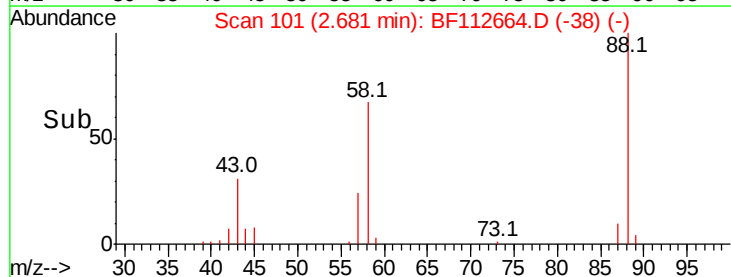
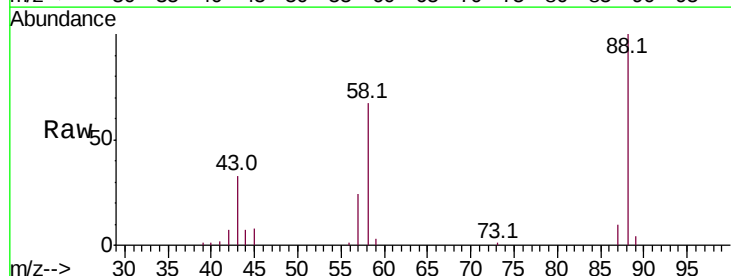
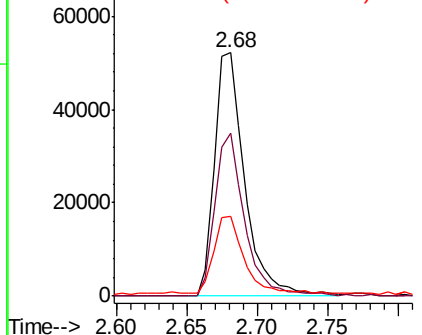
Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	57.4	86.2
43	32.5	22.2	33.4

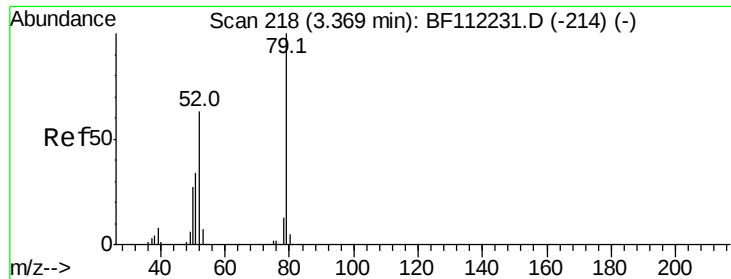
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 44.635 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.07 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

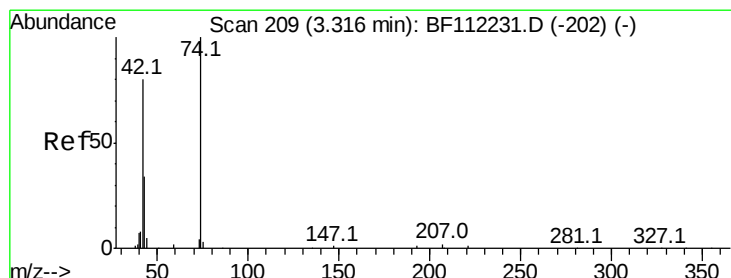
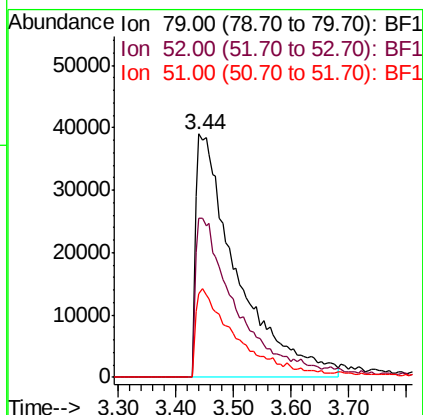
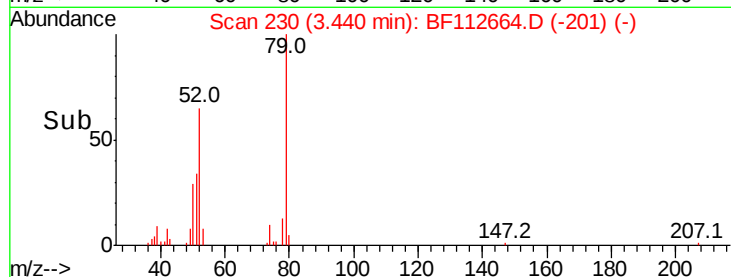
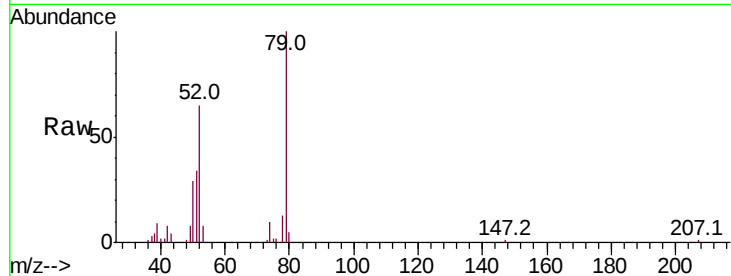
ClientSampled :

PB117293BS

Tot Ion:	79	Resp:	195387
Ion Ratio	Lower	Upper	
79	100		
52	65.3	52.4	78.6
51	34.5	26.1	39.1

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#4

n-Nitrosodimethylamine

Concen: 57.432 ng

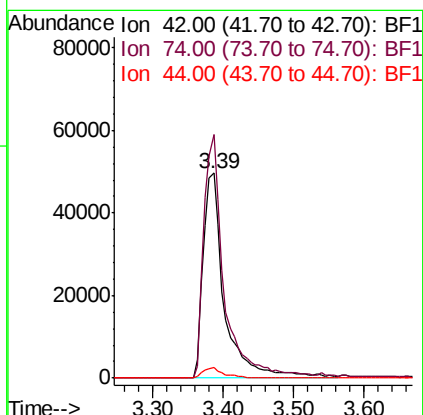
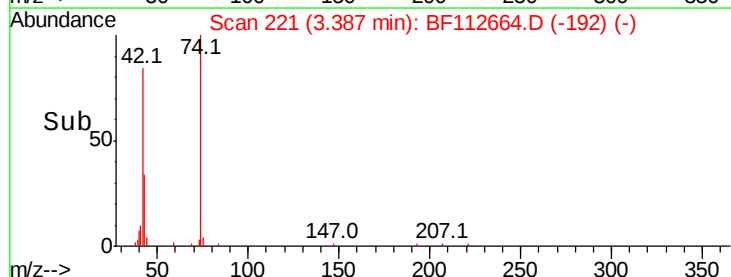
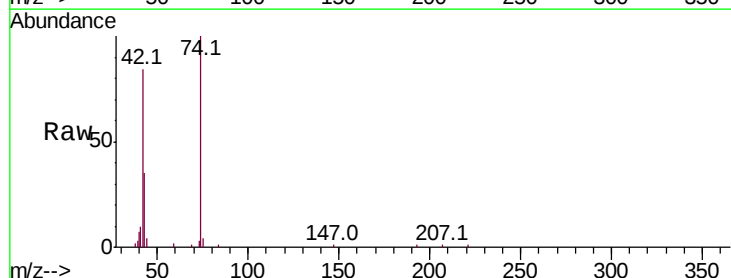
RT: 3.39 min Scan# 221

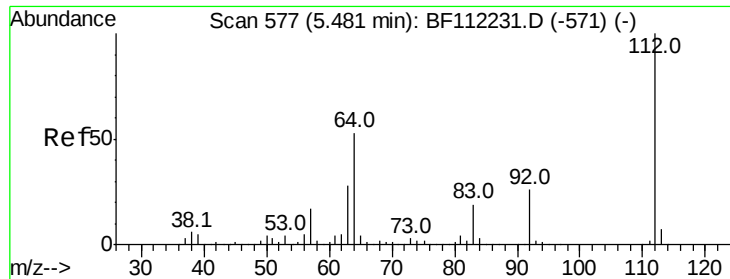
Delta R.T. 0.07 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:	42	Resp:	105623
Ion Ratio	Lower	Upper	
42	100		
74	118.8	105.6	158.4
44	4.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 173.551 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

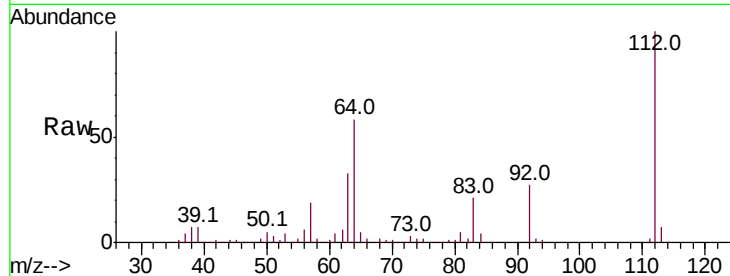
ClientSampled :

PB117293BS

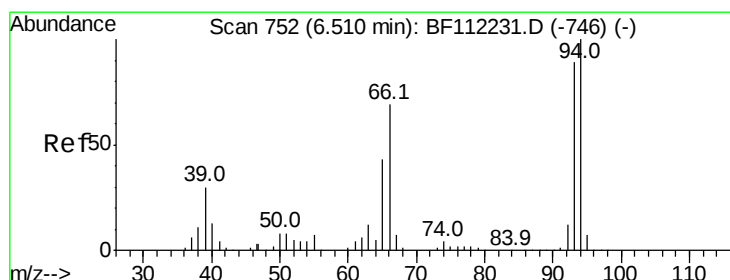
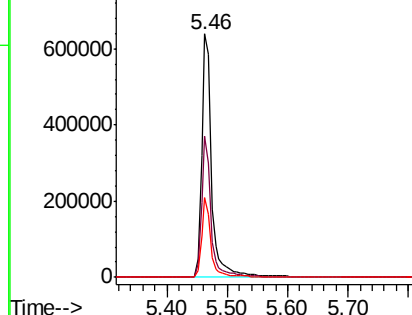
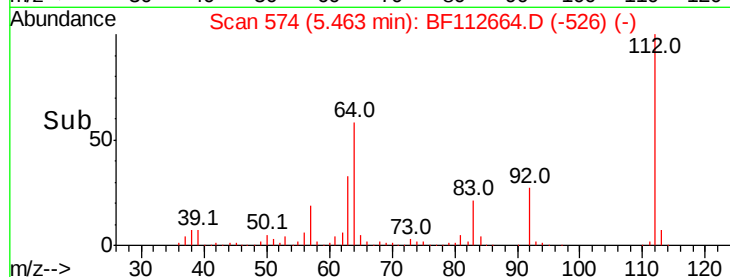
Tot Ion:	112	Resp:	749711
Ion Ratio	Lower	Upper	
112	100		
64	57.9	45.7	68.5
63	32.5	23.6	35.4

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



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



#6

Aniline

Concen: 32.203 ng

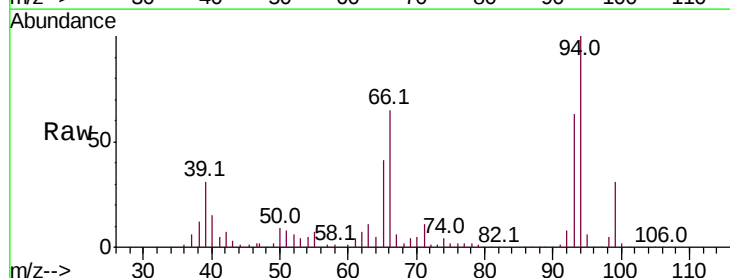
RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

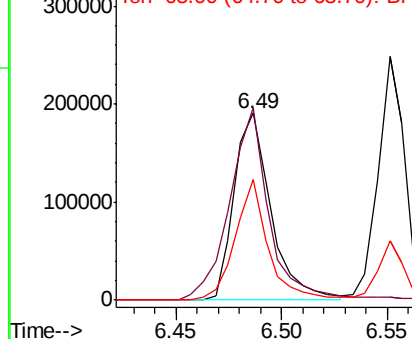
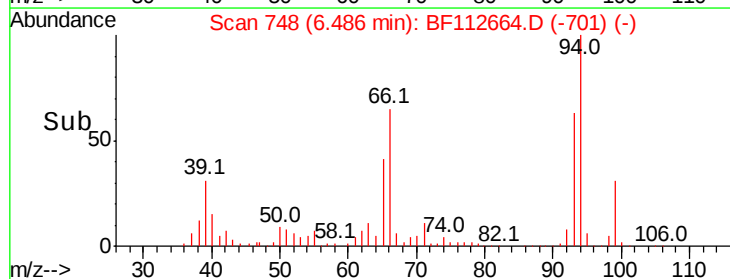
Lab File: BF112664.D

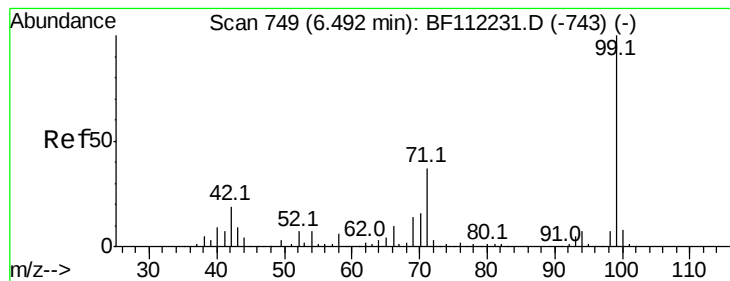
Acq: 22 Feb 2019 15:14

Tgt Ion:	93	Resp:	229946
Ion Ratio	Lower	Upper	
93	100		
66	102.8	43.4	65.2#
65	64.7	25.3	37.9#



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





#7

Phenol-d6

Concen: 154.078 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

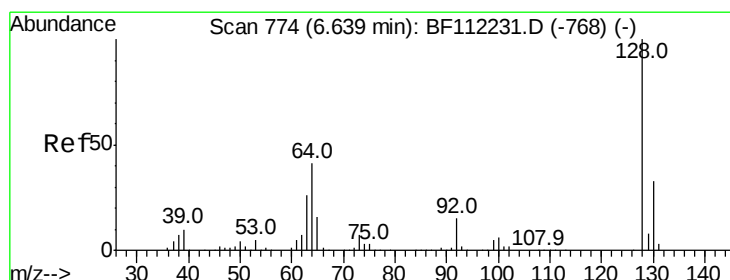
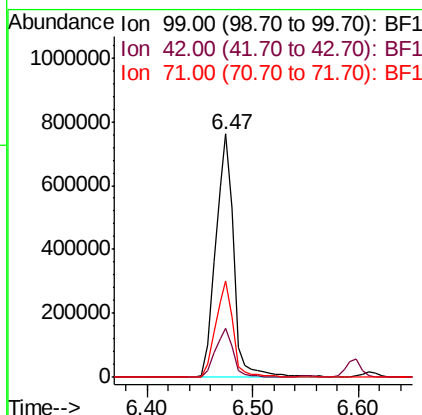
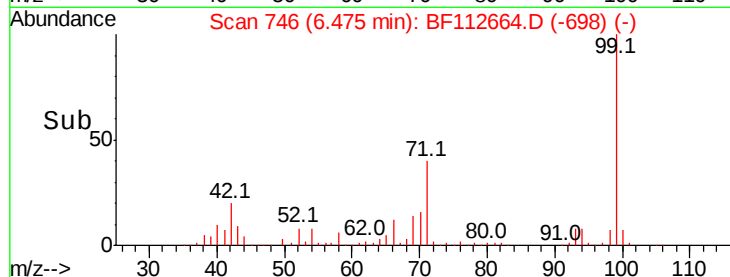
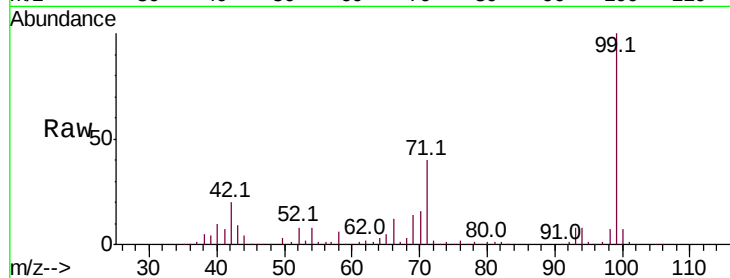
ClientSampleId :

PB117293BS

Tot Ion:	99	Resp:	924871
Ion Ratio	Lower	Upper	
99	100		
42	20.2	15.1	22.7
71	39.8	26.9	40.3

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#8

2-Chlorophenol

Concen: 43.479 ng

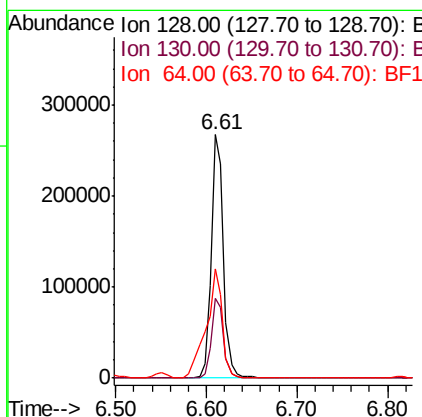
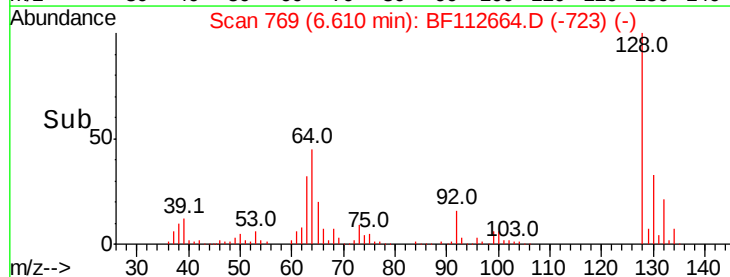
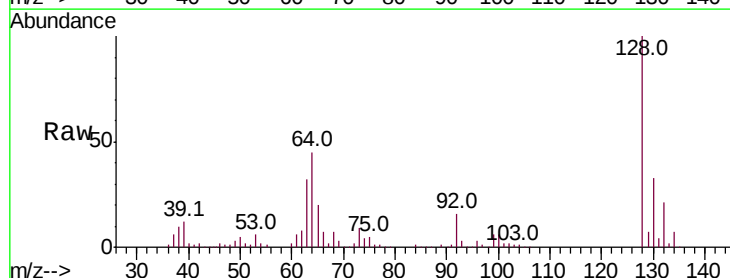
RT: 6.61 min Scan# 769

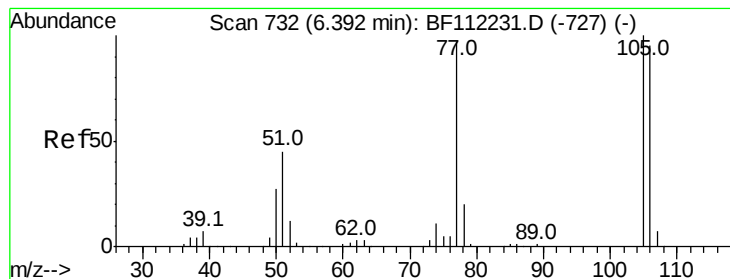
Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:	128	Resp:	252672
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.4	53.4
64	45.0	20.5	60.5





#9

Benzaldehyde

Concen: 24.645 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

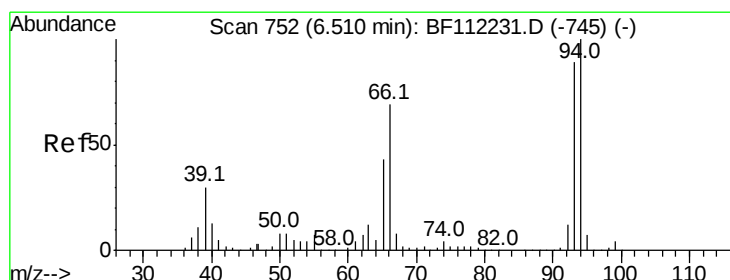
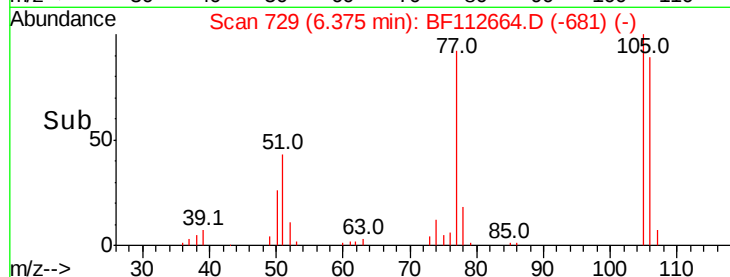
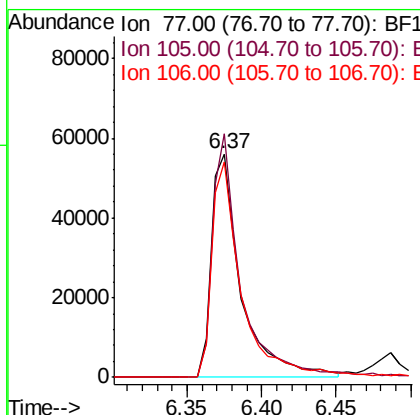
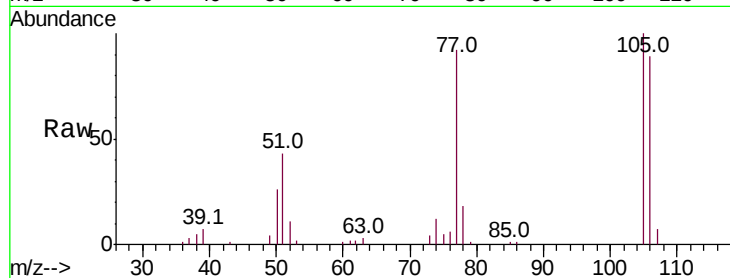
PB117293BS

Tot Ion: 77 Resp: 77323

Ion	Ratio	Lower	Upper
77	100		
105	109.1	80.8	120.8
106	96.6	75.7	115.7

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#10

Phenol

Concen: 43.834 ng

RT: 6.49 min Scan# 748

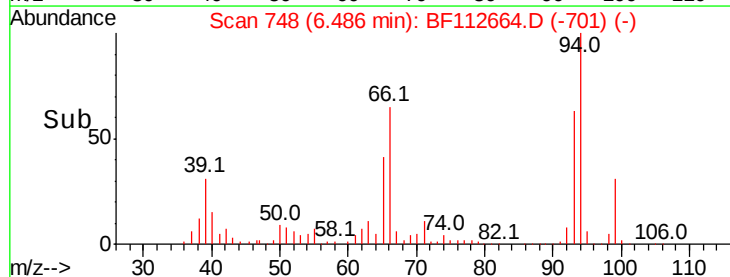
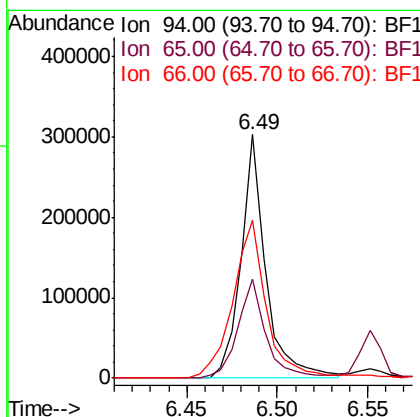
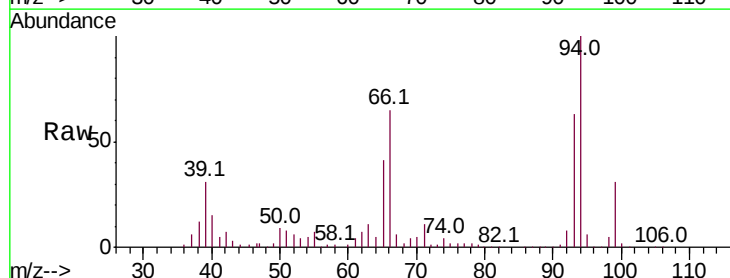
Delta R.T. -0.02 min

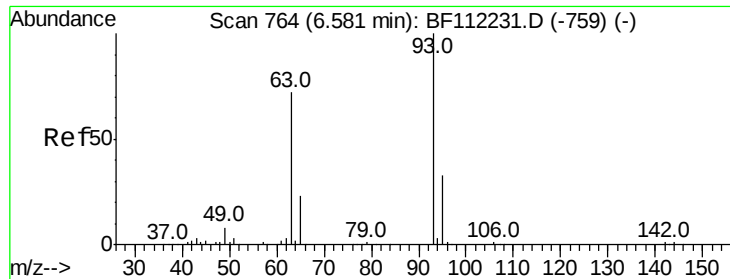
Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion: 94 Resp: 288668

Ion	Ratio	Lower	Upper
94	100		
65	40.7	20.3	60.3
66	64.7	42.4	82.4





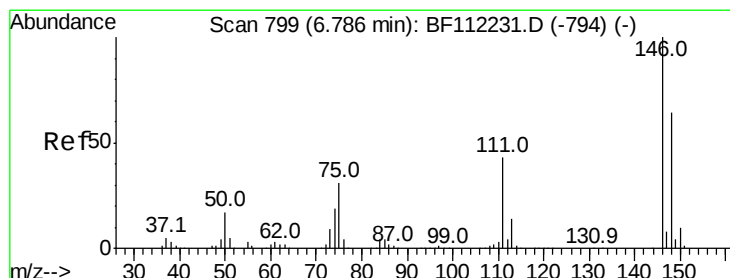
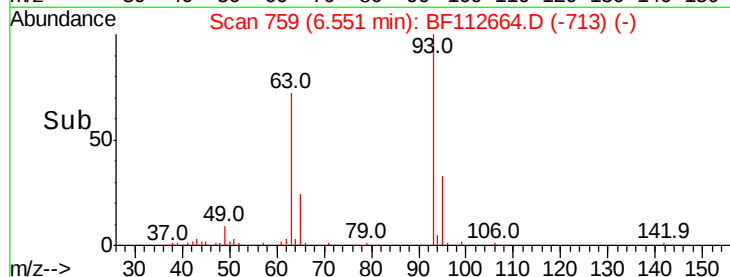
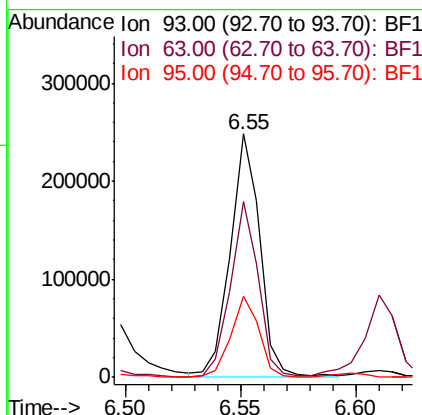
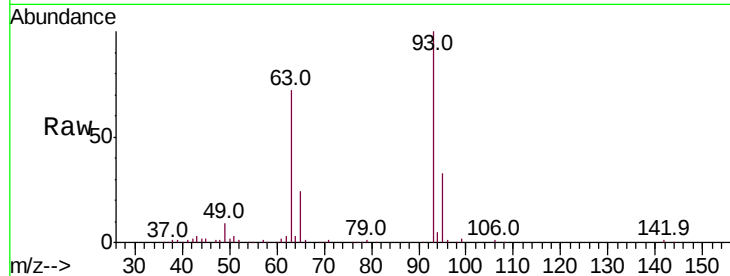
#11
bis(2-Chloroethyl)ether
Concen: 42.841 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion:	93	Resp:	222119
Ion Ratio	Lower	Upper	
93	100		
63	72.4	53.3	93.3
95	33.2	13.4	53.4

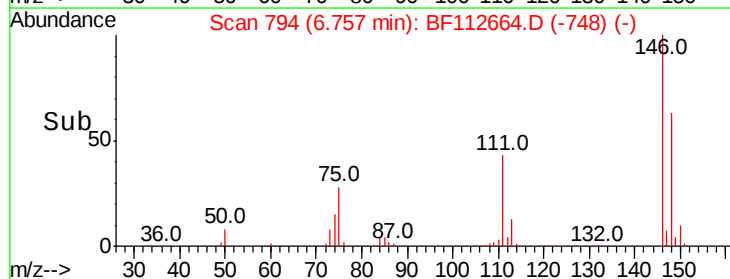
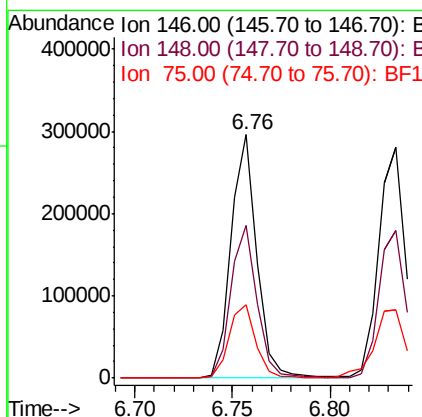
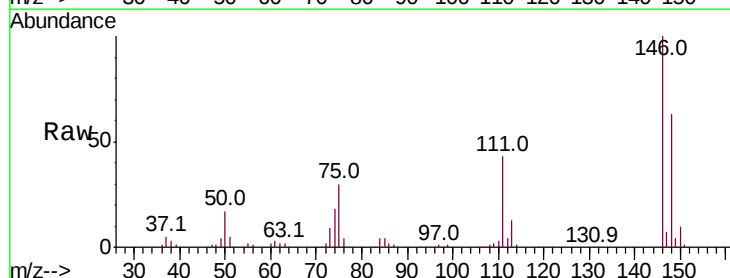
Manual Integrations
APPROVED

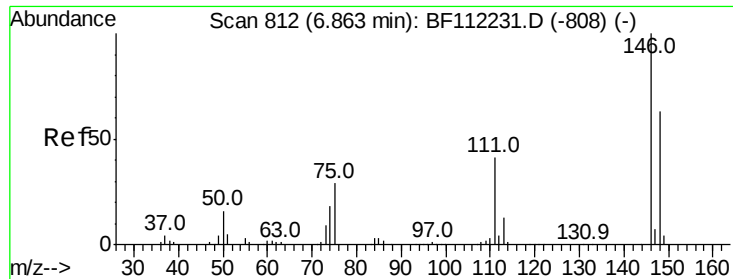
Sohil
2/25/2019 9:20:56 AM



#12
1,3-Dichlorobenzene
Concen: 40.147 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion:	146	Resp:	271706
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.8	77.8
75	29.9	23.1	34.7





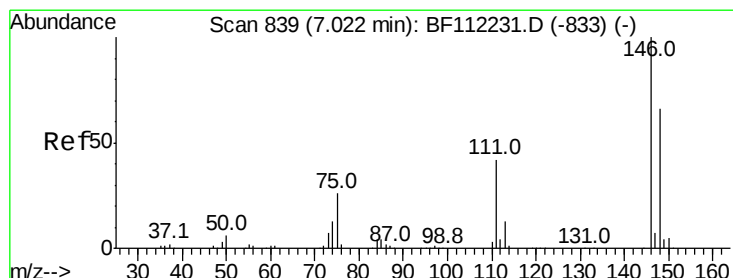
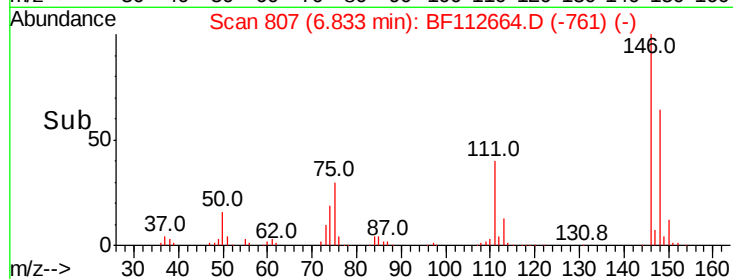
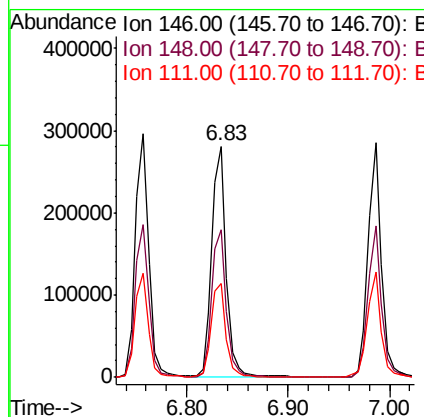
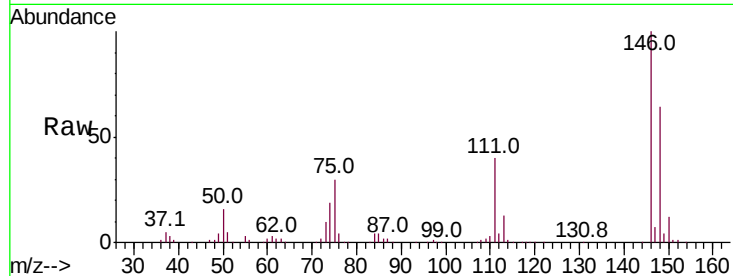
#13
 1,4-Dichlorobenzene
 Concen: 40.402 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
111	40.4	31.2	46.8

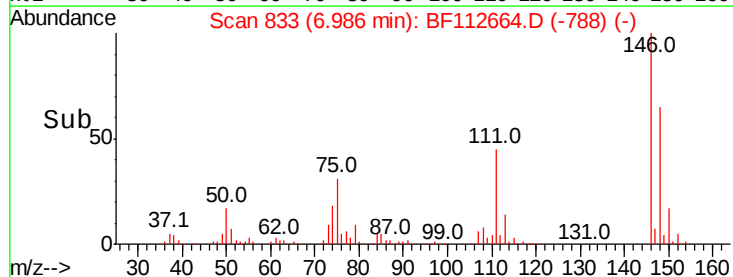
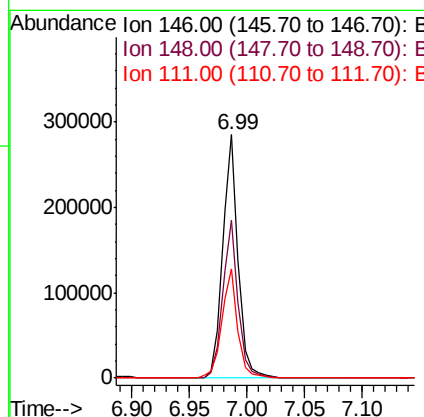
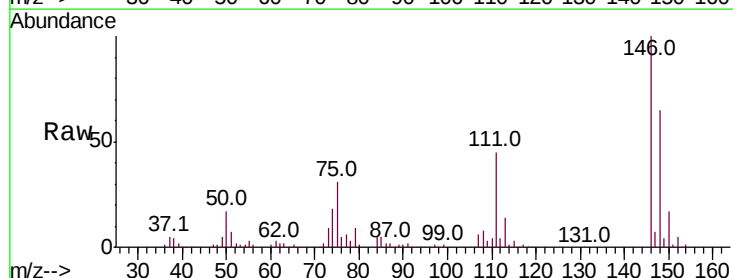
Manual Integrations
 APPROVED

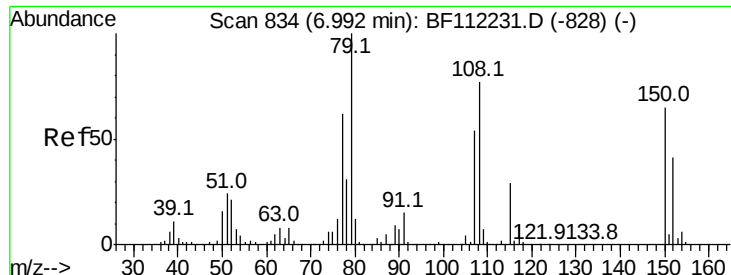
Sohil
 2/25/2019 9:20:56 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.465 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
111	44.9	31.2	46.8





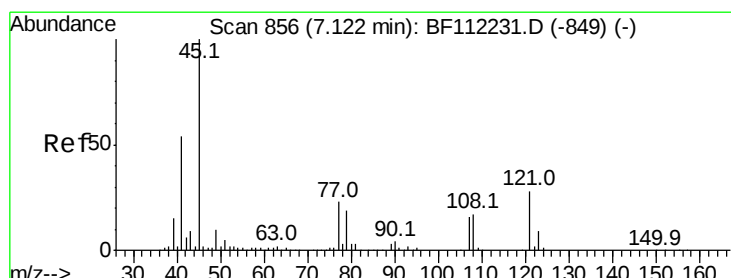
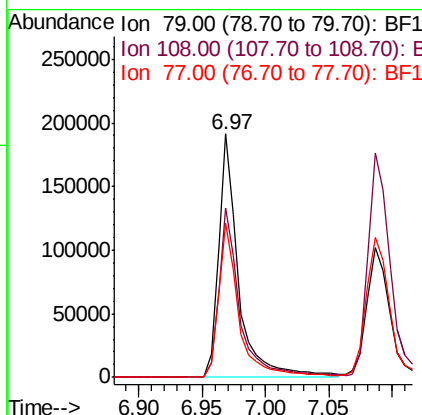
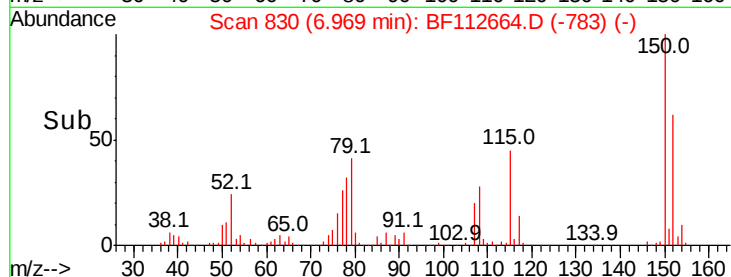
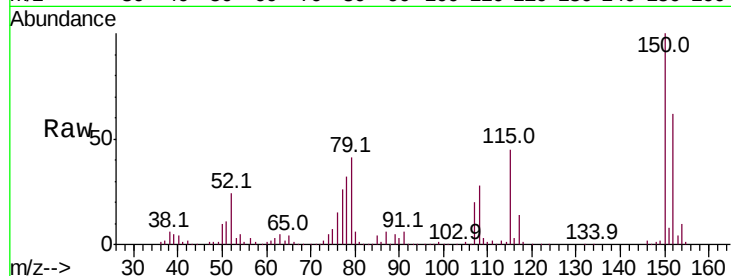
#15
Benzyl Alcohol
Concen: 41.827 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampled :
PB117293BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.7	64.2	96.2
77	63.1	50.3	75.5

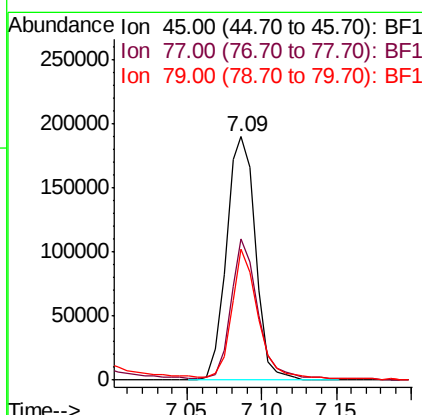
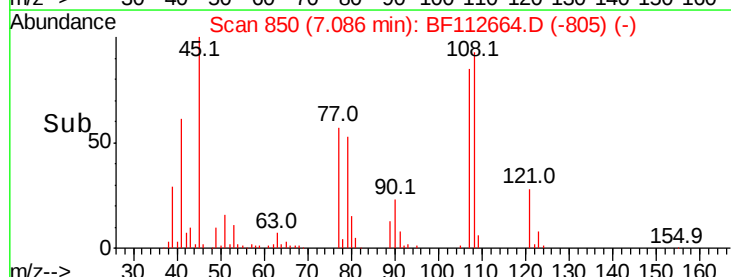
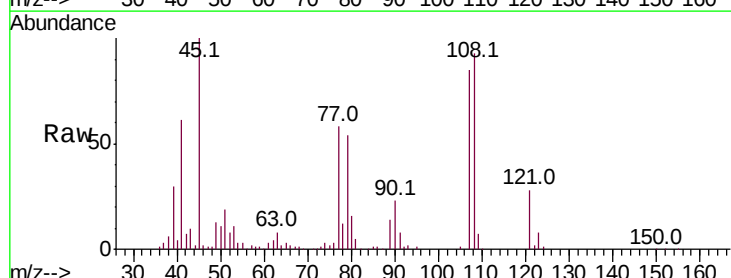
Manual Integrations
APPROVED

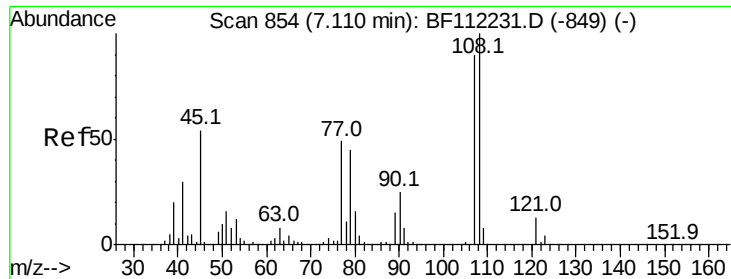
Sohil
2/25/2019 9:20:56 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.038 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	58.0	0.0	36.9#
79	53.8	0.0	34.0#





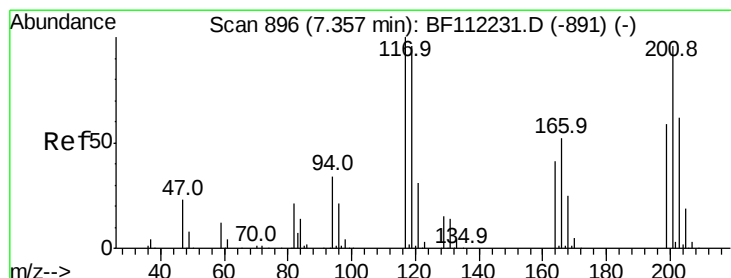
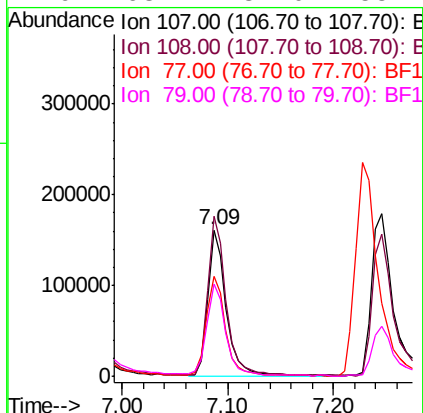
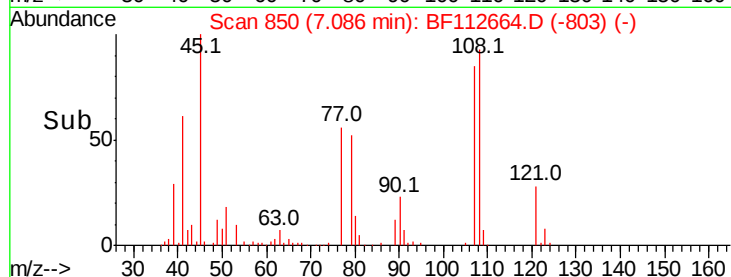
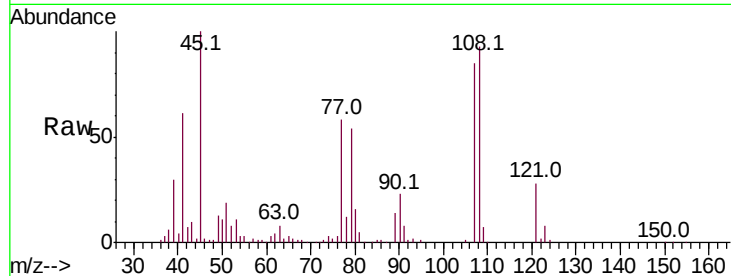
#17
2-Methylphenol
Concen: 42.383 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	195245		
108	109.3	91.3	136.9	
77	68.5	39.0	58.6#	
79	63.4	37.0	55.4#	

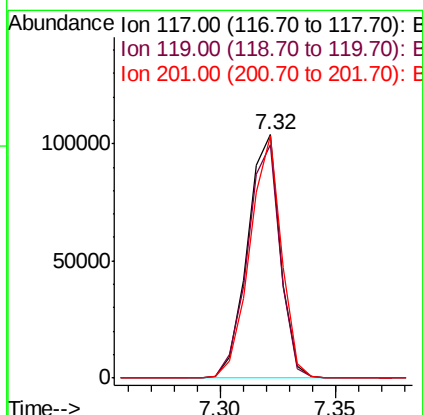
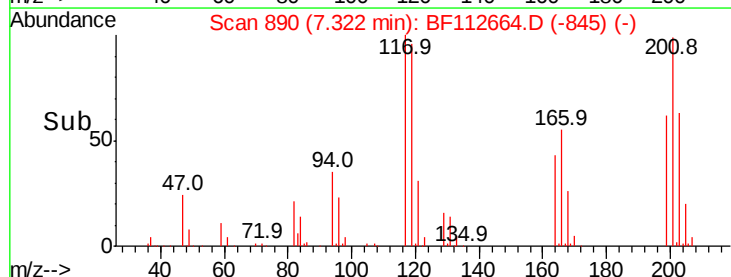
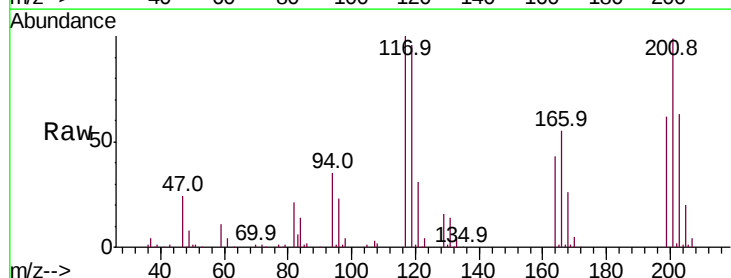
Manual Integrations
APPROVED

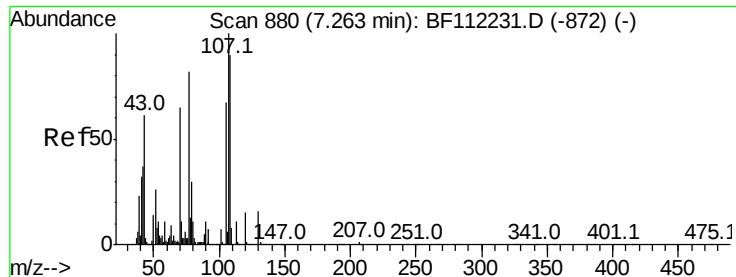
Sohil
2/25/2019 9:20:56 AM



#18
Hexachloroethane
Concen: 41.994 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102713		
119	96.1	77.0	115.4	
201	99.4	74.1	111.1	





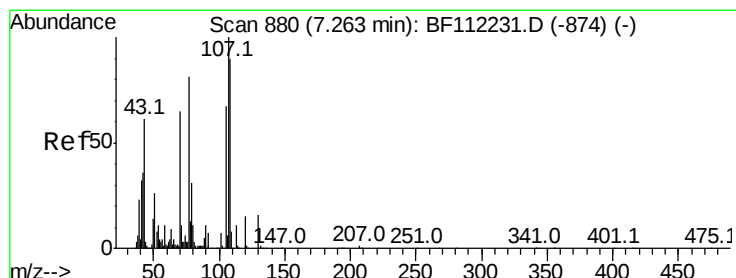
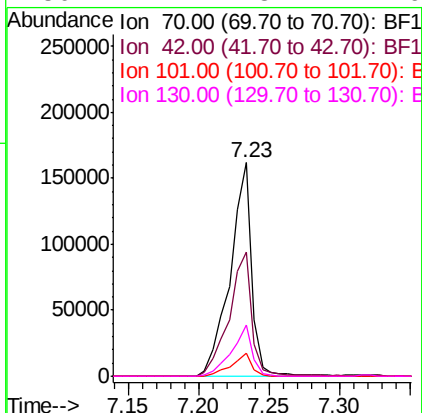
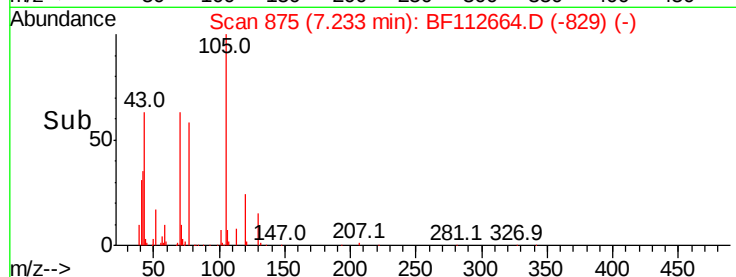
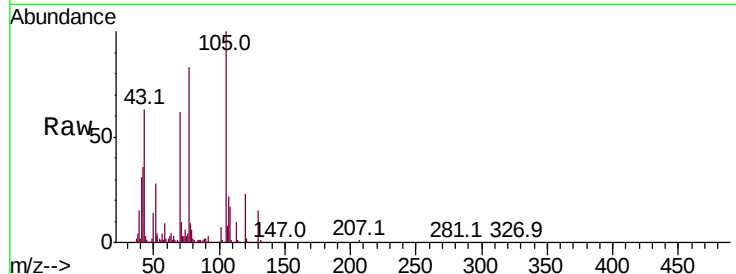
#19
n-Nitroso-di-n-propylamine
Concen: 41.326 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	47.6	71.4	
101	11.0	7.9	11.9	
130	24.2	18.4	27.6	

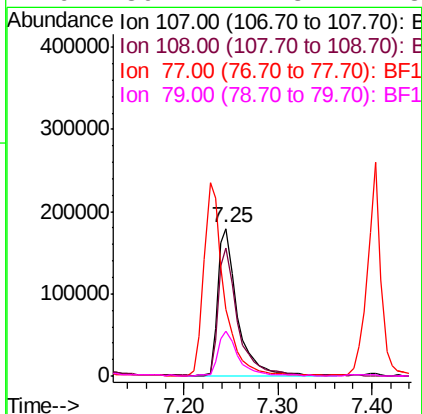
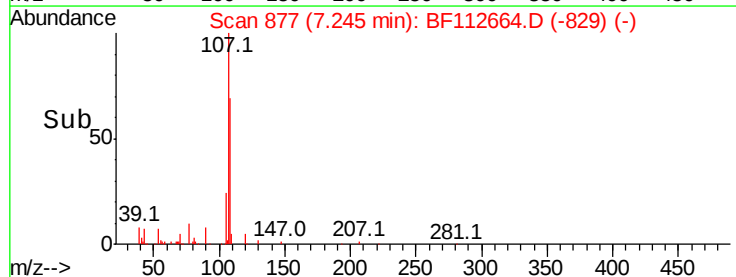
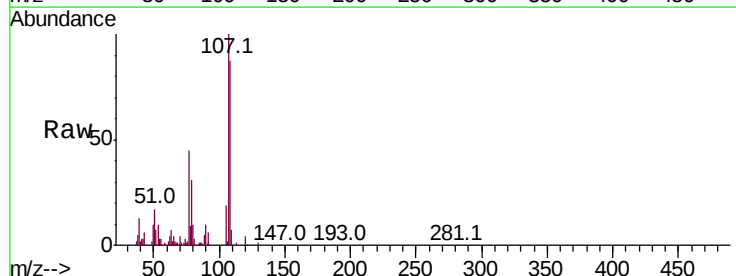
Manual Integrations
APPROVED

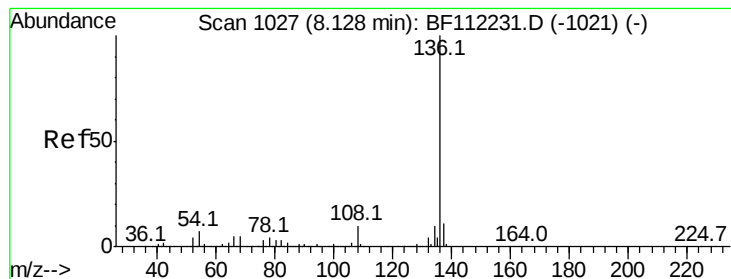
Sohil
2/25/2019 9:20:56 AM



#20
3+4-Methylphenols
Concen: 44.086 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	68.2	108.2	
77	45.2	100.7	140.7#	
79	30.7	7.3	47.3	





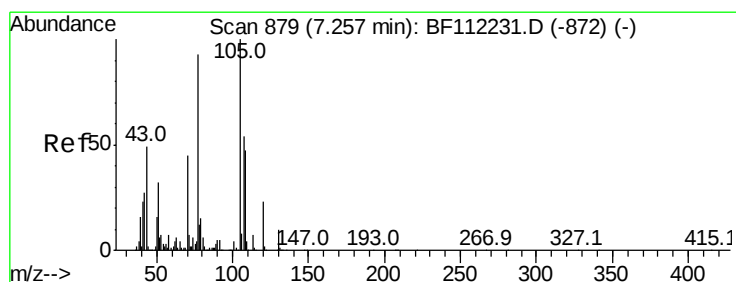
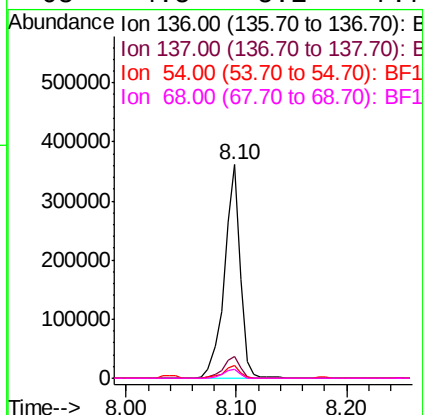
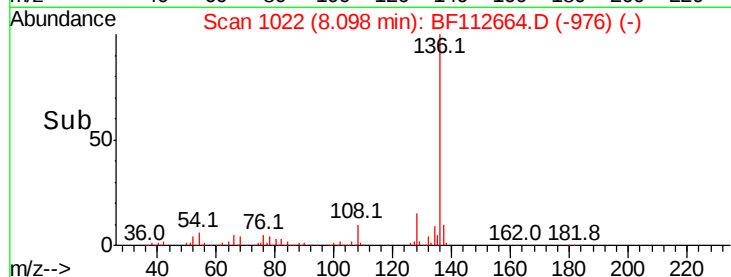
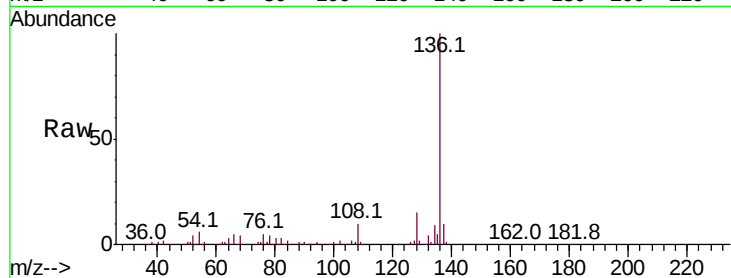
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.1	13.7	
54	6.2	5.9	8.9	
68	4.5	5.1	7.7	

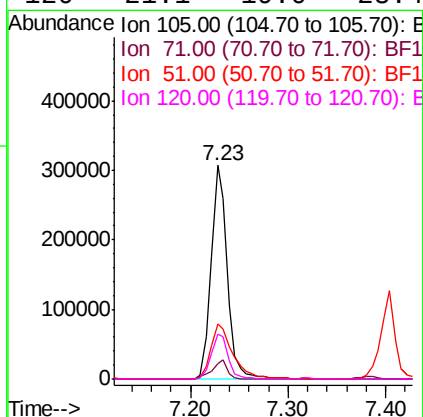
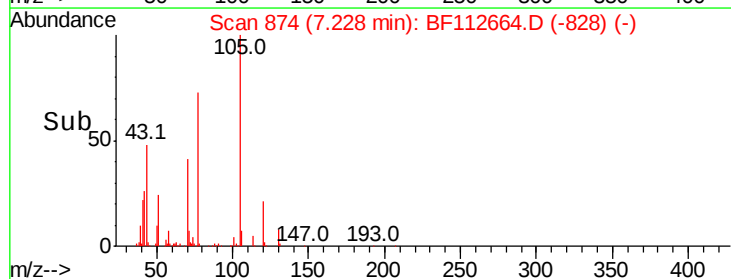
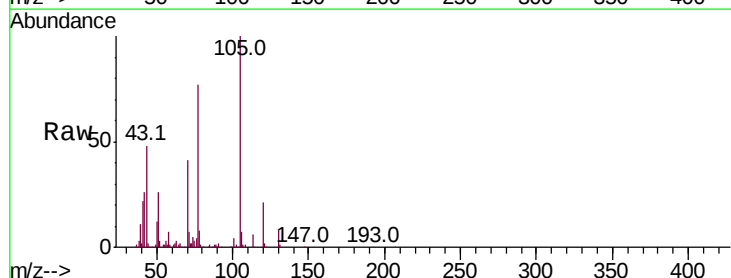
Manual Integrations
APPROVED

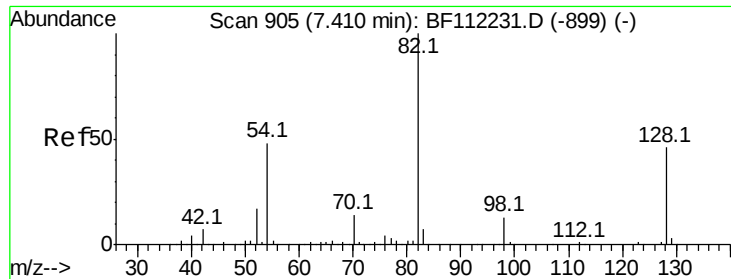
Sohil
2/25/2019 9:20:56 AM



#22
Acetophenone
Concen: 40.173 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	4.6	6.8	
51	25.7	25.0	37.6	
120	21.1	19.0	28.4	





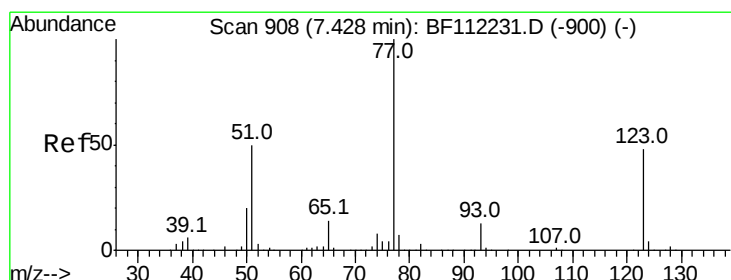
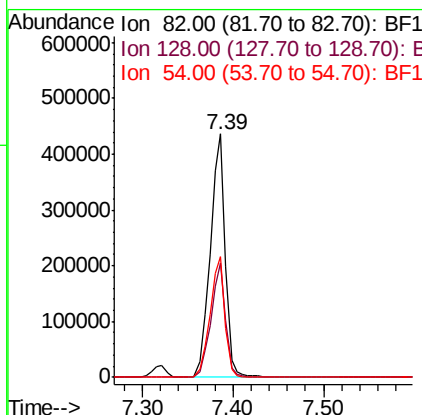
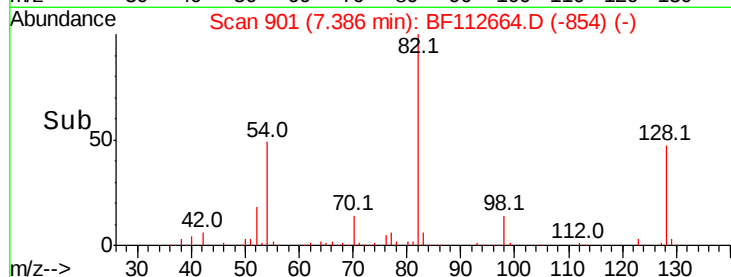
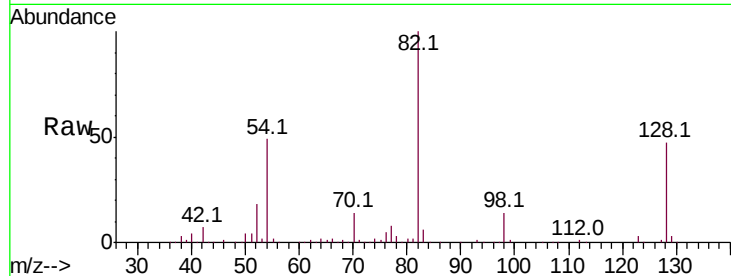
#23
 Nitrobenzene-d5
 Concen: 81.166 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampled :
 PB117293BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	49.5	39.7	59.5

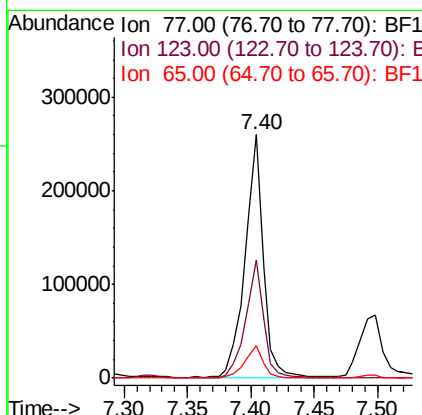
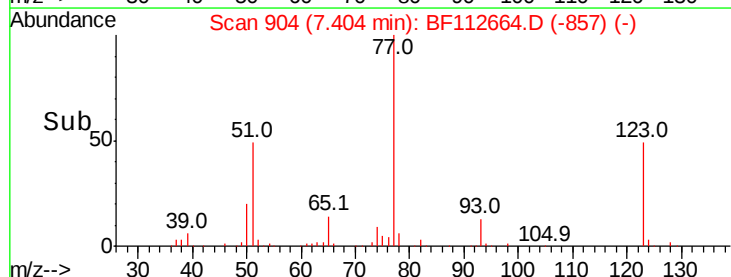
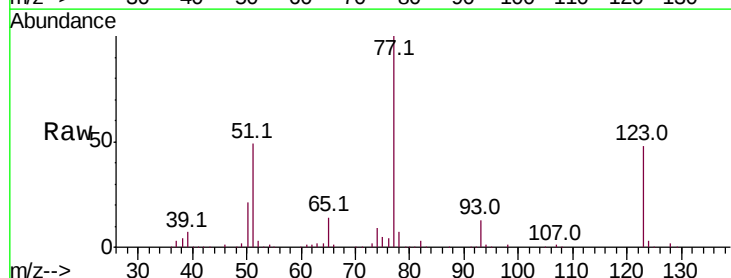
Manual Integrations
 APPROVED

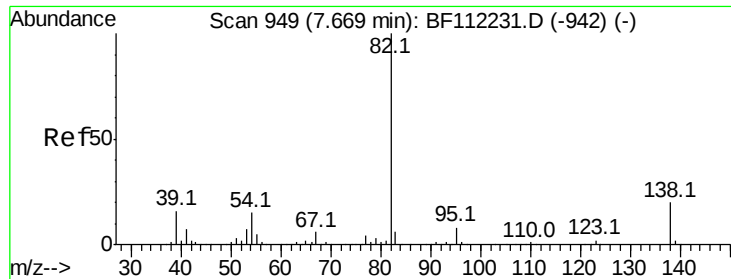
Sohil
 2/25/2019 9:20:56 AM



#24
 Nitrobenzene
 Concen: 41.390 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.4	57.6
65	13.5	10.6	15.8





#25

Isophorone

Concen: 46.061 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

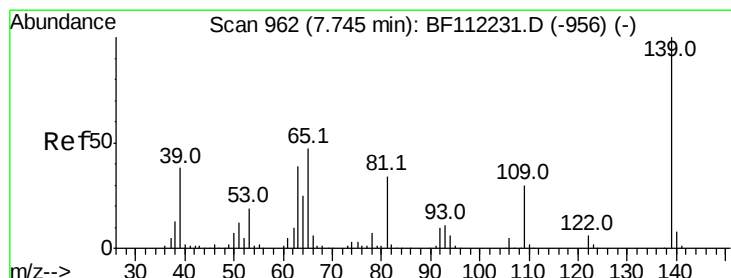
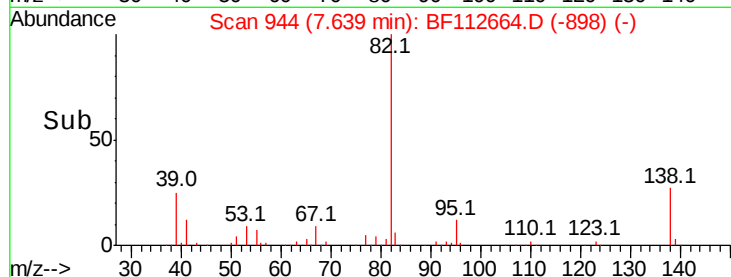
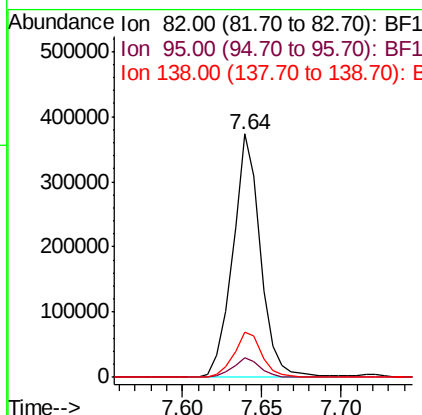
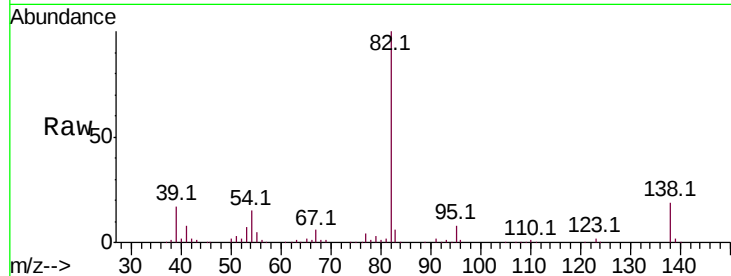
ClientSampleId :

PB117293BS

Tot Ion:	82	Resp:	451725
Ion Ratio	Lower	Upper	
82	100		
95	8.2	5.7	8.5
138	18.5	15.4	23.0

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#26

2-Nitrophenol

Concen: 41.426 ng

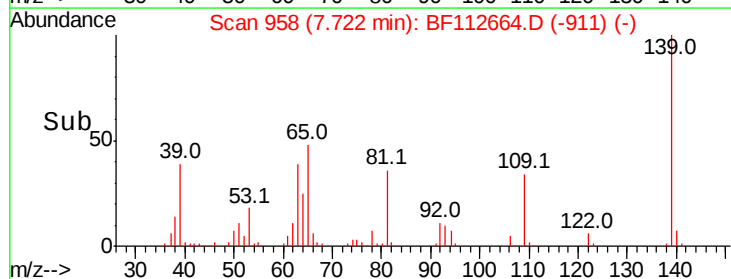
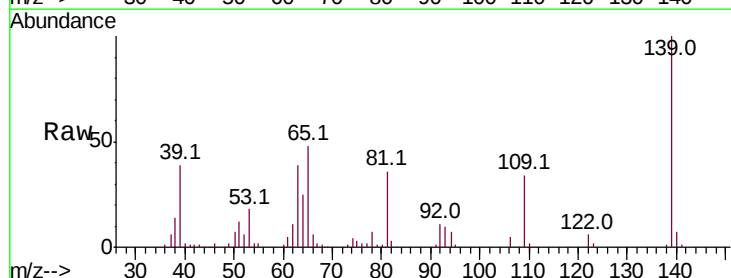
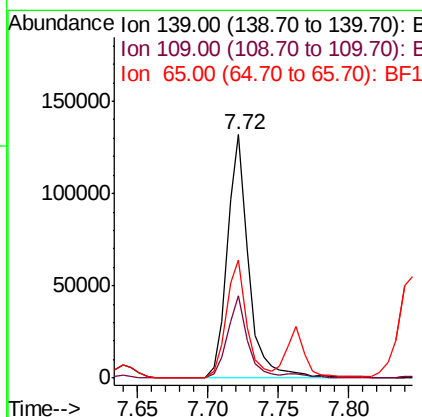
RT: 7.72 min Scan# 958

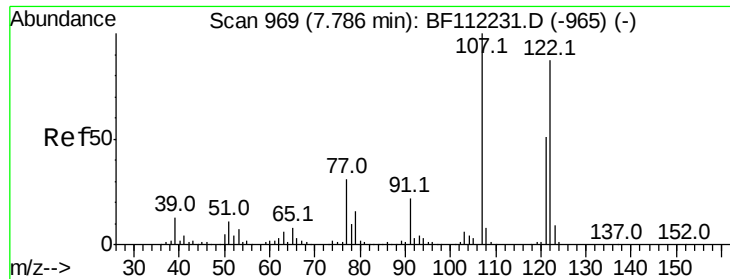
Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:	139	Resp:	138219
Ion Ratio	Lower	Upper	
139	100		
109	33.6	20.8	31.2#
65	48.4	34.4	51.6





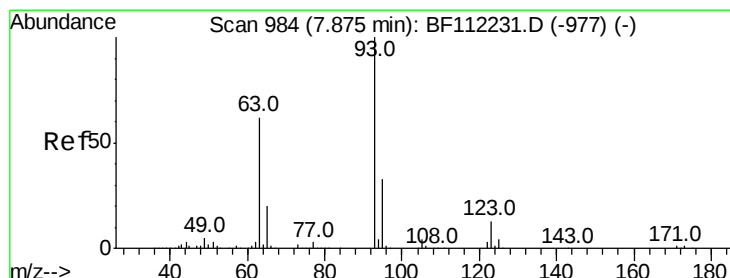
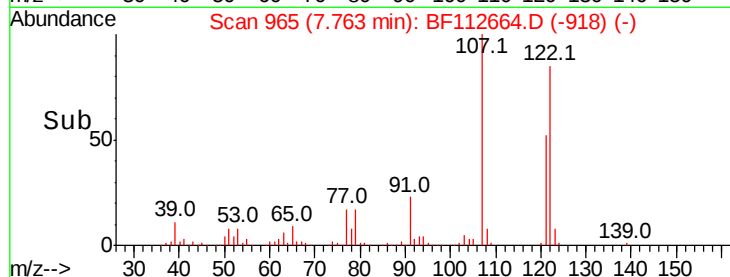
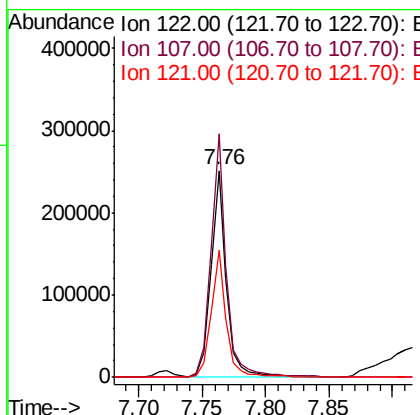
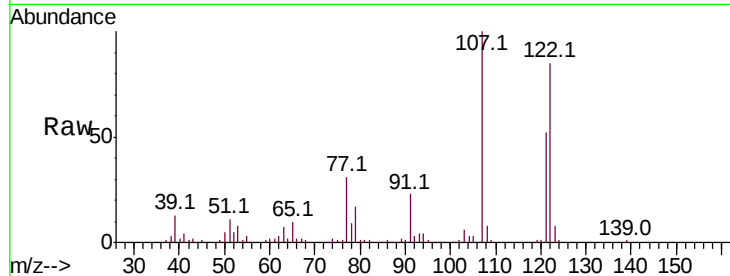
#27
2,4-Dimethylphenol
Concen: 46.973 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	215930		
107	117.9	85.4	128.0	
121	61.5	47.0	70.4	

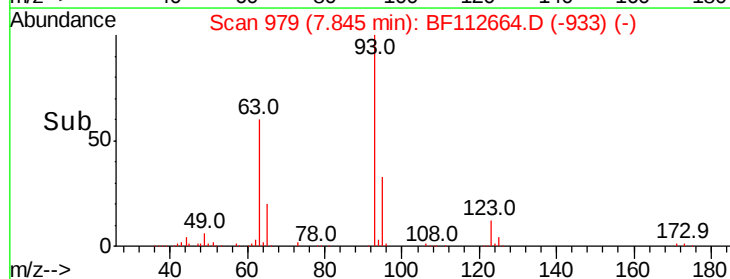
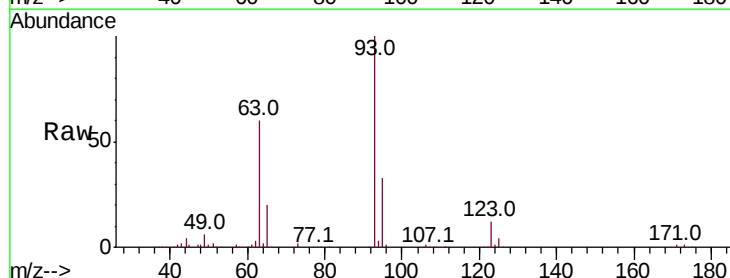
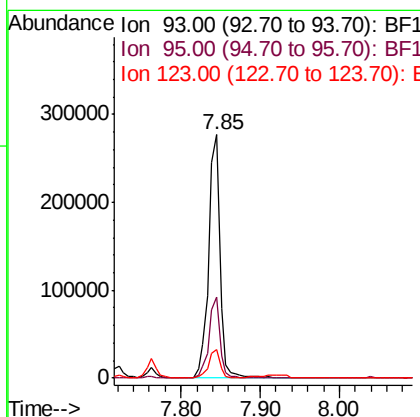
Manual Integrations
APPROVED

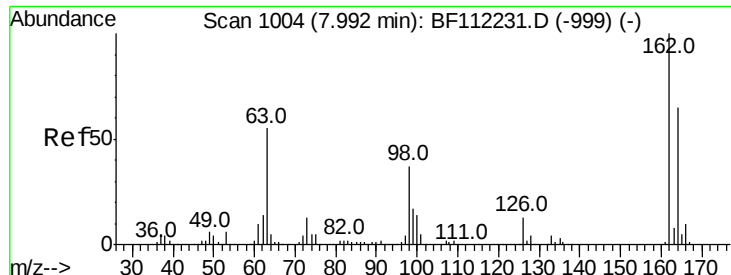
Sohil
2/25/2019 9:20:56 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.917 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	279911		
95	33.1	26.8	40.2	
123	11.9	10.2	15.2	





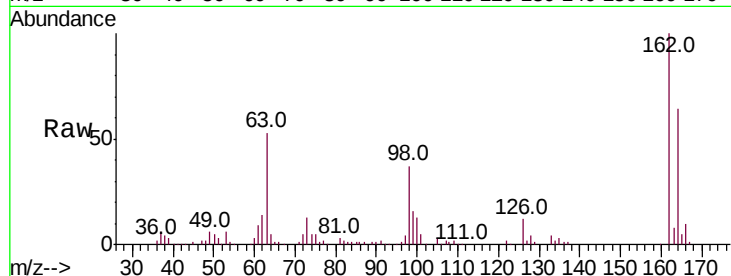
#29
 2,4-Dichlorophenol
 Concen: 41.493 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	44.6	84.6
98	37.4	14.6	54.6

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:56 AM

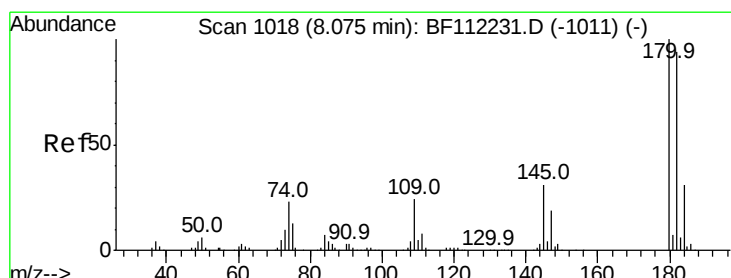
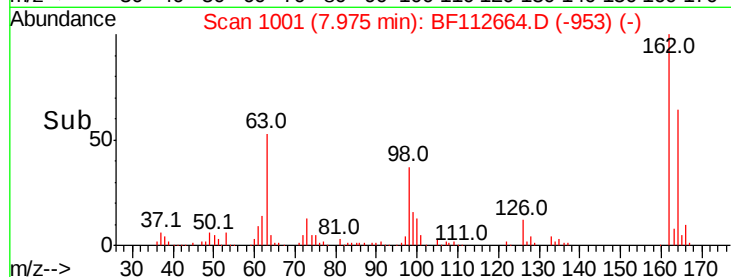
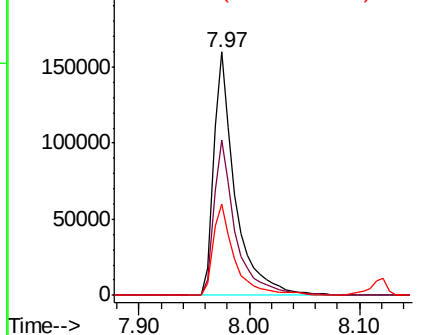


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.248 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

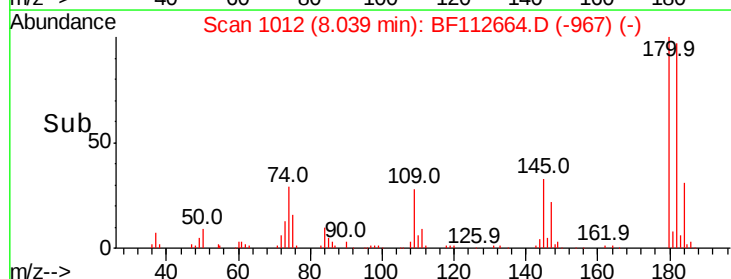
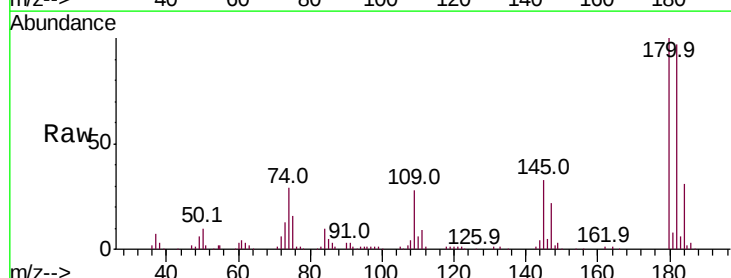
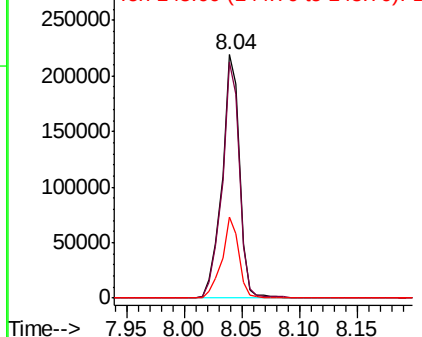
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	76.4	114.6
145	33.1	25.0	37.4

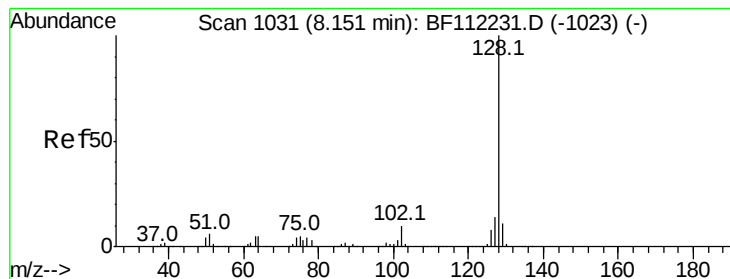
Abundance

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: 44.140 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

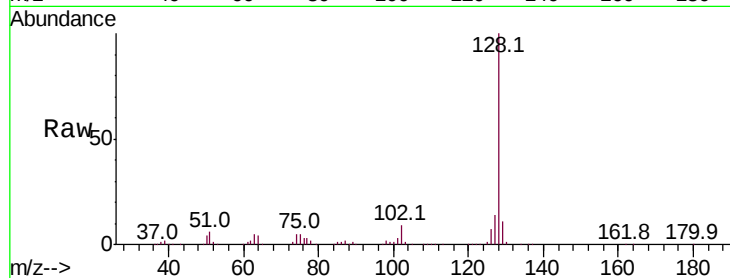
ClientSampleId :

PB117293BS

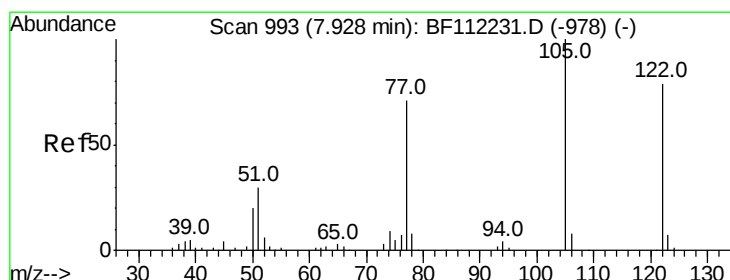
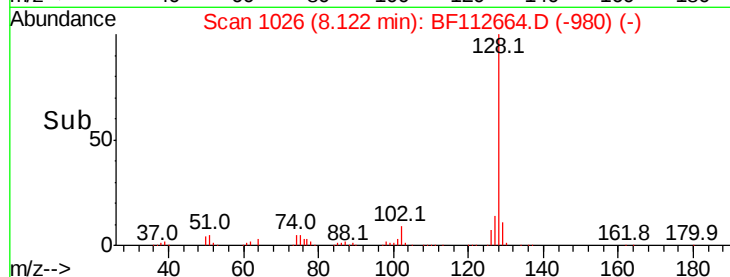
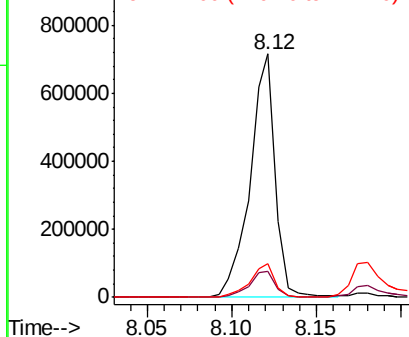
Tot Ion:128	Resp:	743526
Ion Ratio	Lower	Upper
128	100	
129	10.8	9.6 14.4
127	13.7	11.1 16.7

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



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: 47.327 ng

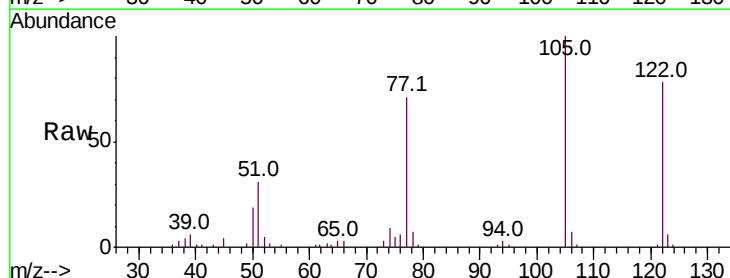
RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

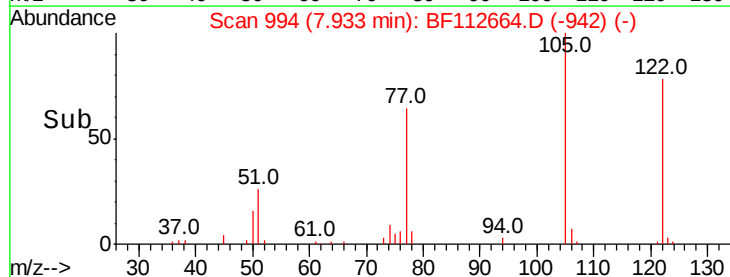
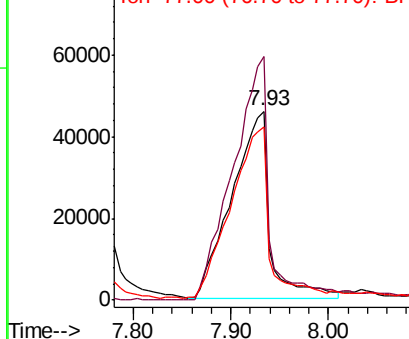
Lab File: BF112664.D

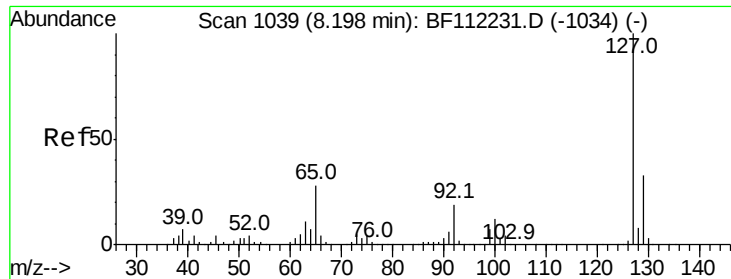
Acq: 22 Feb 2019 15:14

Tgt Ion:122	Resp:	124098
Ion Ratio	Lower	Upper
122	100	
105	128.9	101.2 141.2
77	91.7	70.4 110.4



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





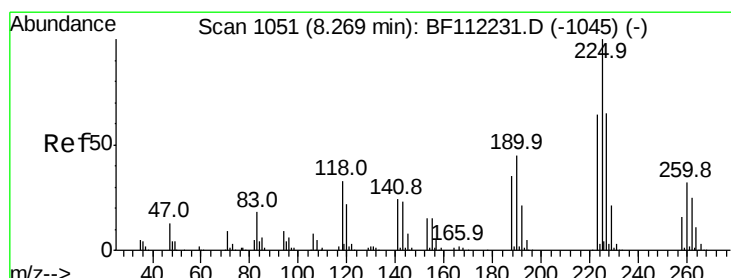
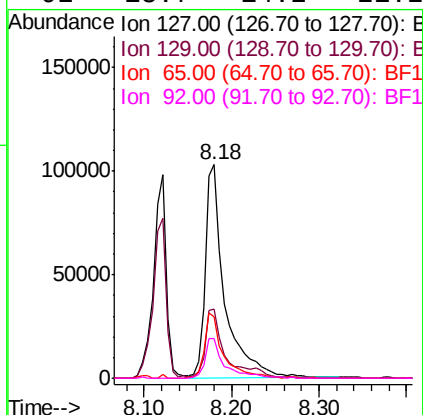
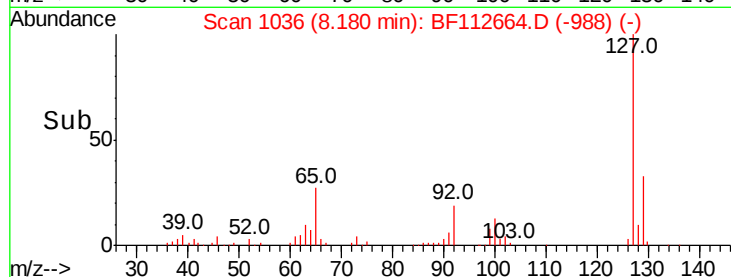
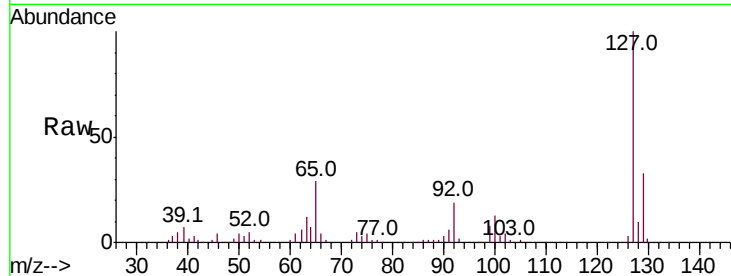
#33
4-Chloroaniline
Concen: 21.673 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	39.8		
65	28.8	21.4	32.2		
92	18.7	14.2	21.2		

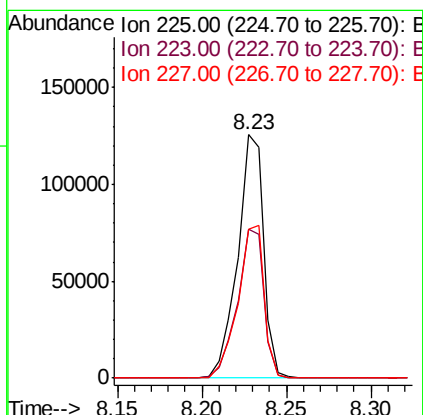
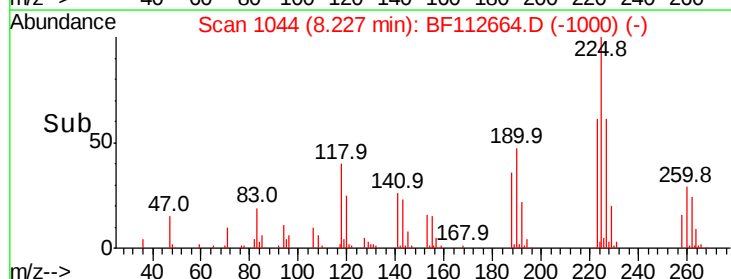
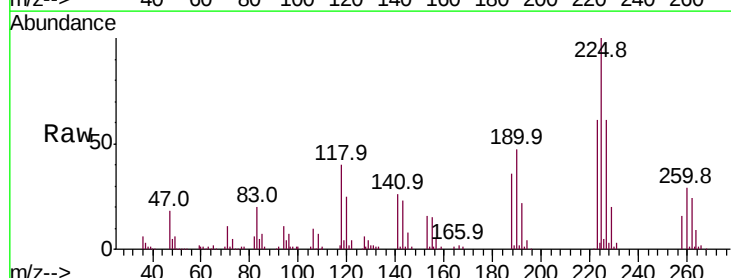
Manual Integrations
APPROVED

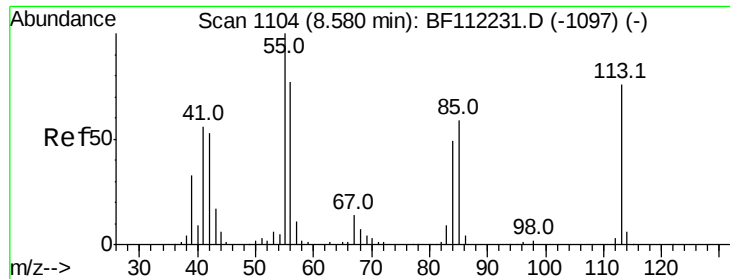
Sohil
2/25/2019 9:20:56 AM



#34
Hexachlorobutadiene
Concen: 38.843 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.3	75.5		
227	61.2	51.8	77.8		





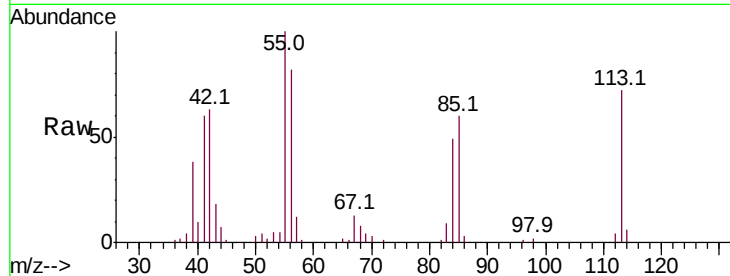
#35
 Caprolactam
 Concen: 35.482 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.4	121.6	161.6
56	114.1	86.7	126.7

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:20:56 AM

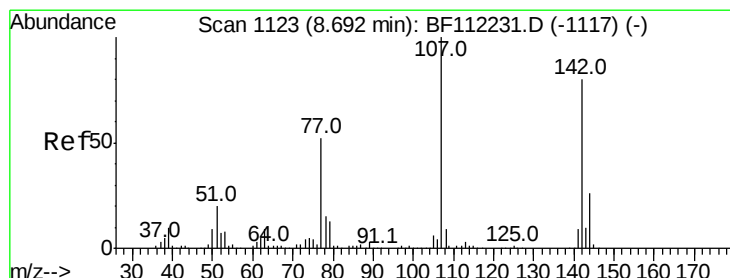
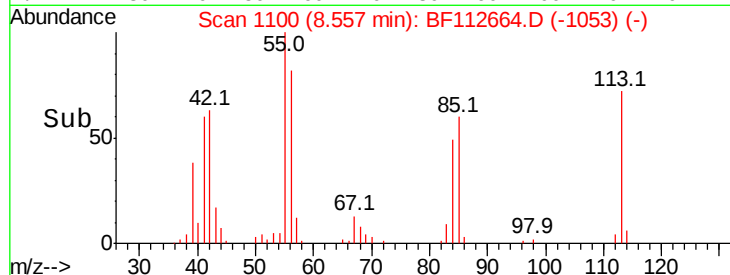
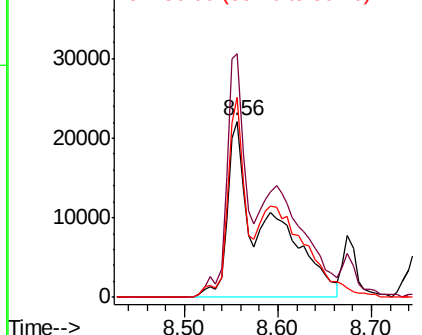


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 41.277 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

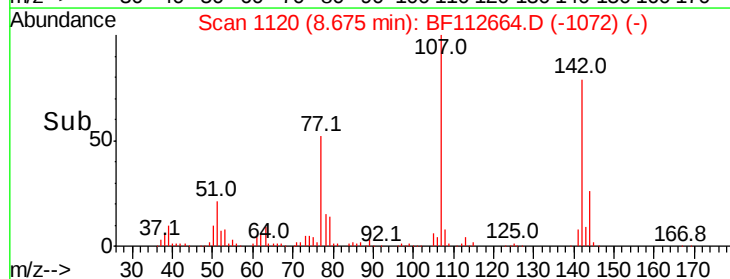
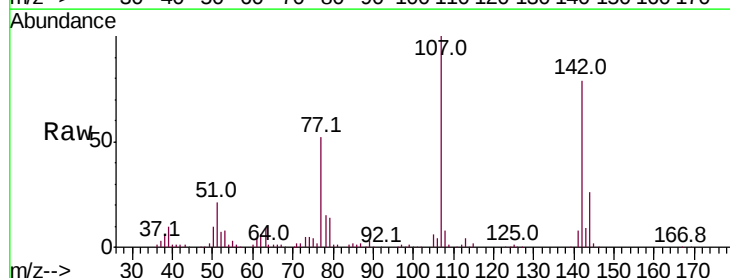
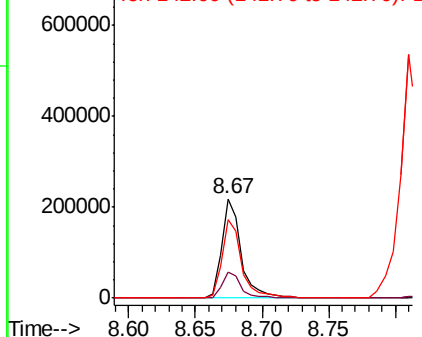
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	22.2	33.2
142	78.6	67.7	101.5

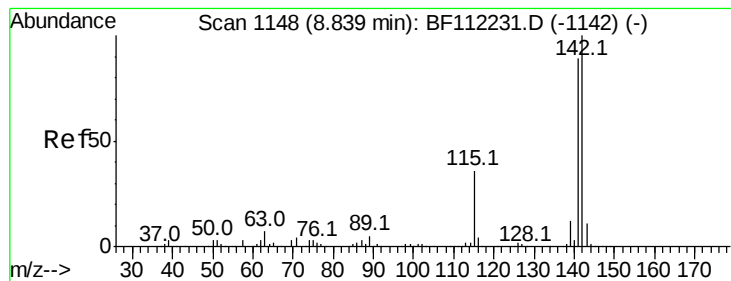
Abundance

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





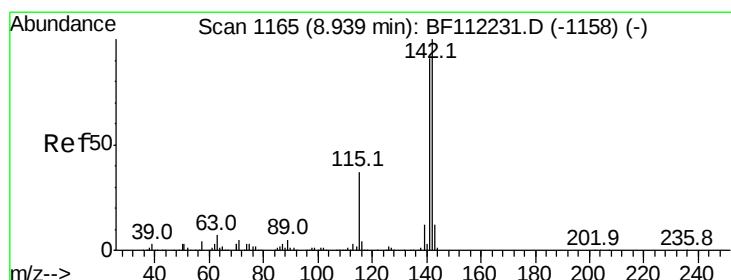
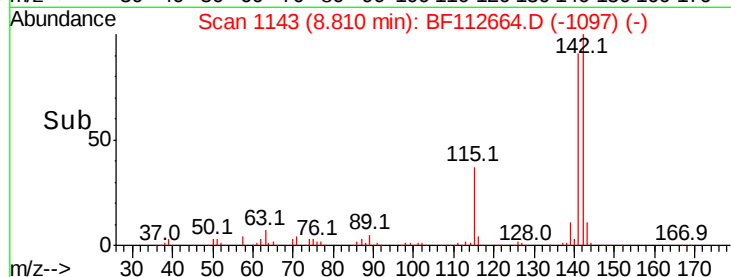
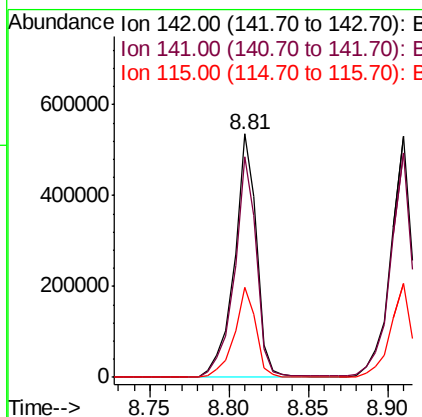
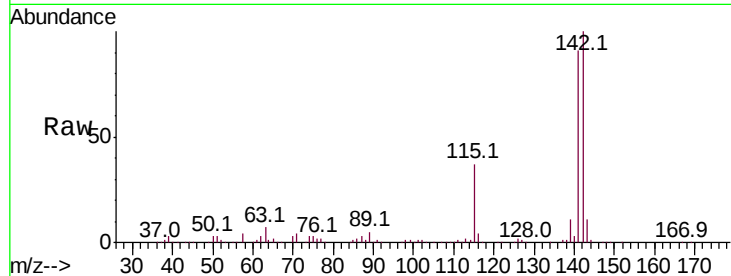
#37
2-Methylnaphthalene
Concen: 45.016 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	519104		
141	90.7	70.9	106.3	
115	36.8	24.9	37.3	

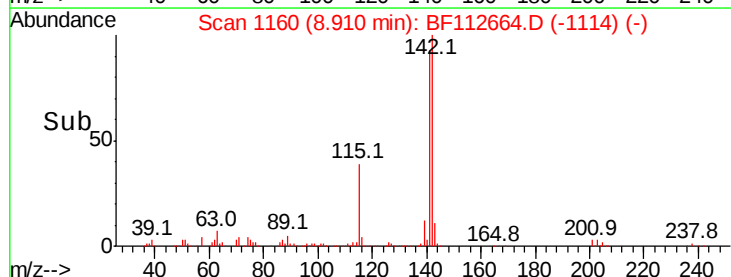
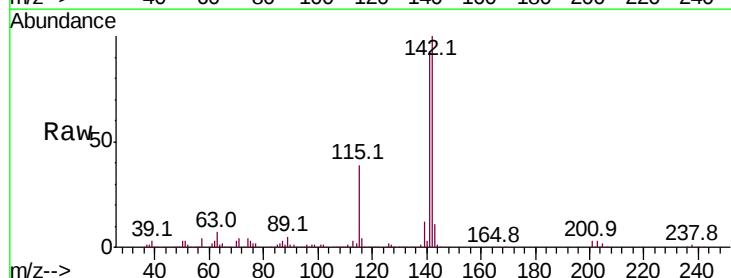
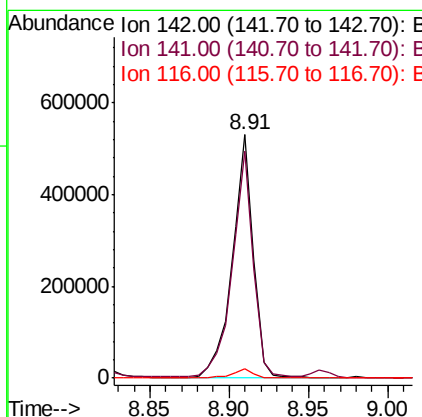
Manual Integrations
APPROVED

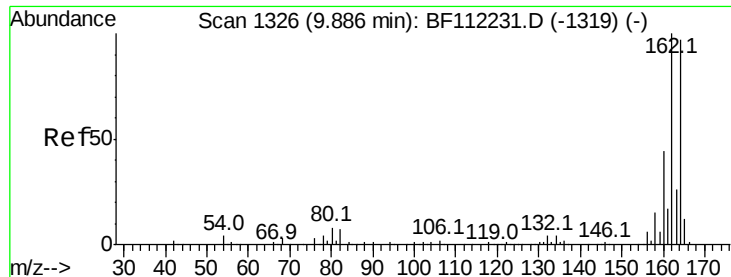
Sohil
2/25/2019 9:20:56 AM



#38
1-Methylnaphthalene
Concen: 43.852 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	484688		
141	93.2	72.6	108.8	
116	4.0	2.8	4.2	





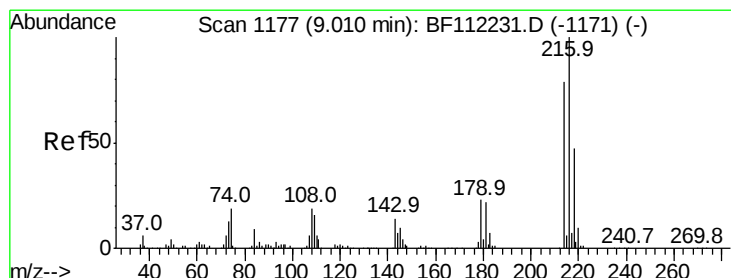
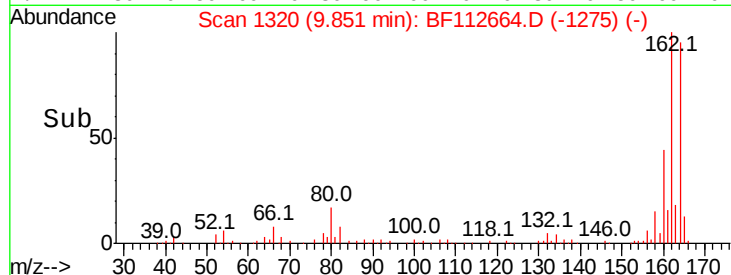
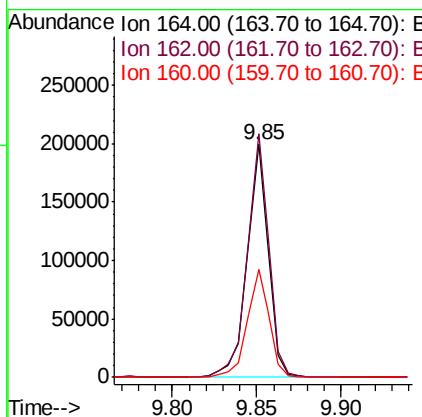
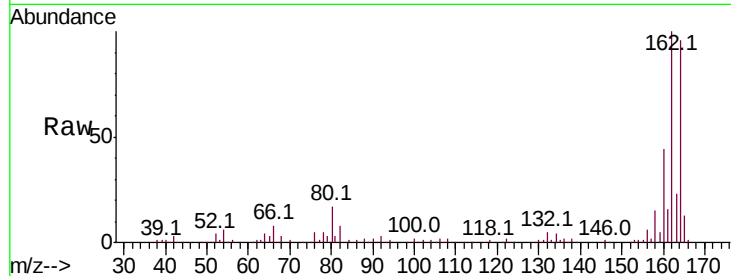
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.4
160	46.2	36.2	54.4

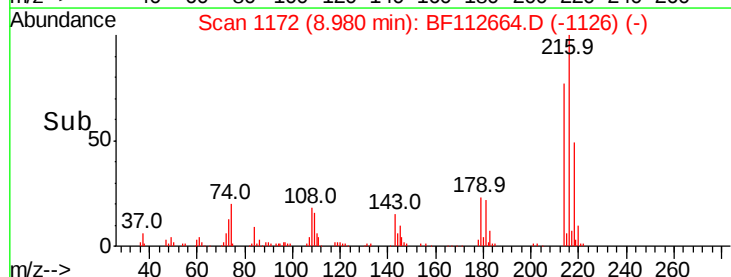
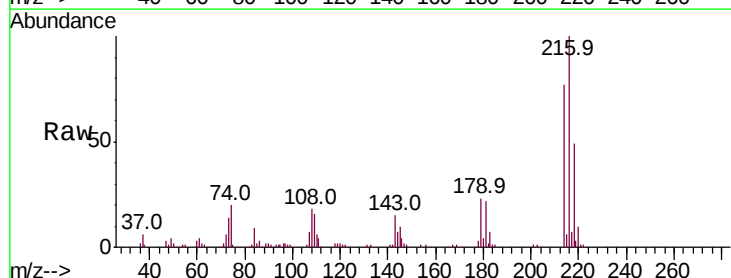
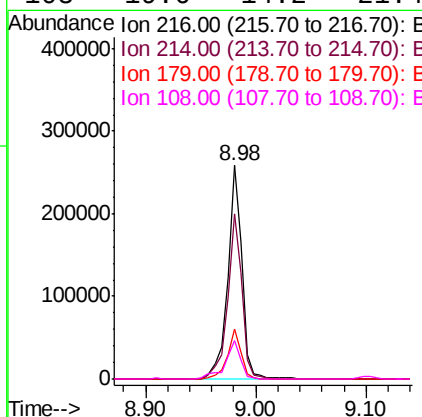
Manual Integrations
APPROVED

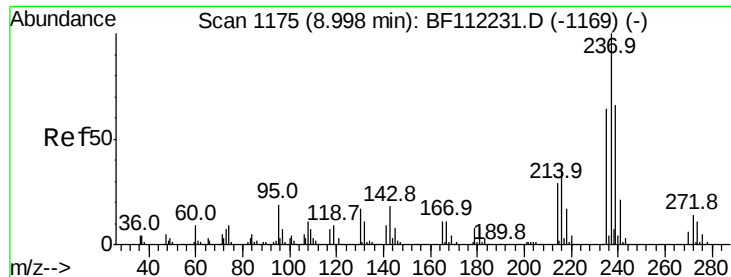
Sohil
2/25/2019 9:20:56 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.303 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	22.7	16.9	25.3
108	19.6	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 49.083 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.04 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

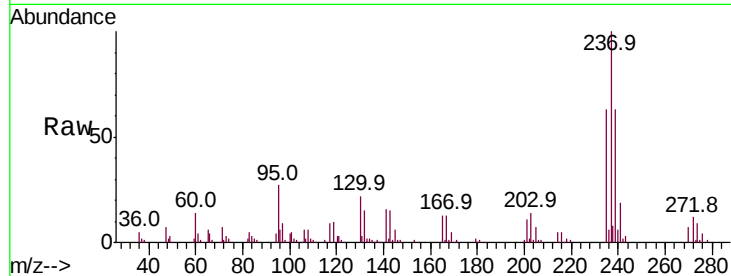
ClientSampleId :

PB117293BS

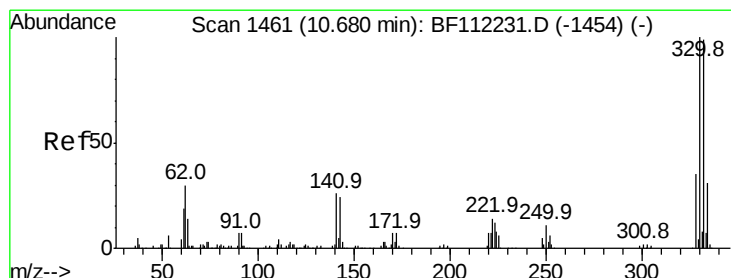
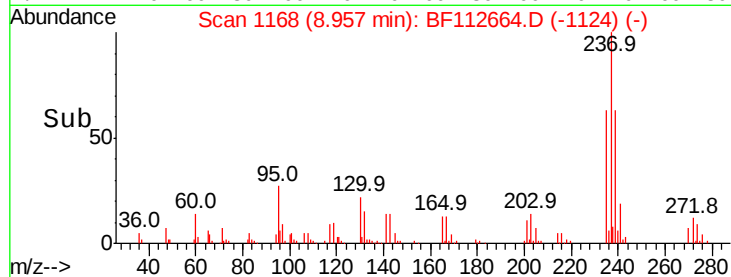
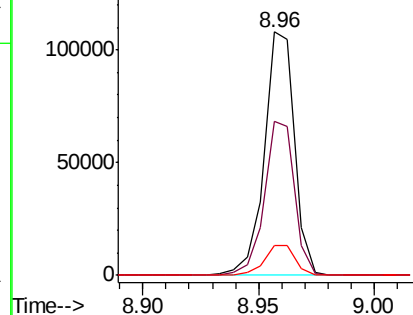
Tot Ion:	237	Resp:	98313
Ion Ratio	Lower	Upper	
237	100		
235	63.3	44.0	84.0
272	12.2	0.0	33.3

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 146.333 ng

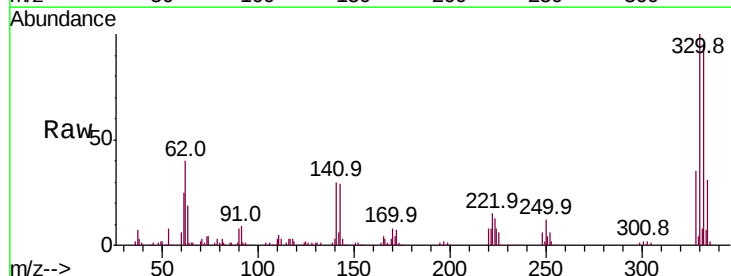
RT: 10.65 min Scan# 1456

Delta R.T. -0.03 min

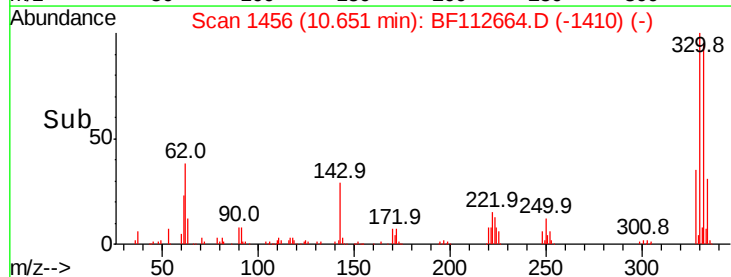
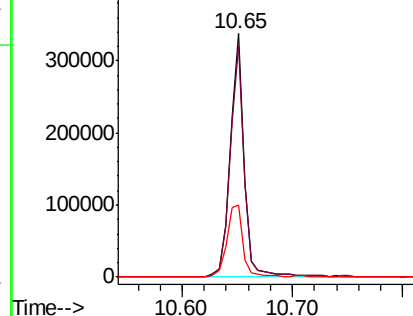
Lab File: BF112664.D

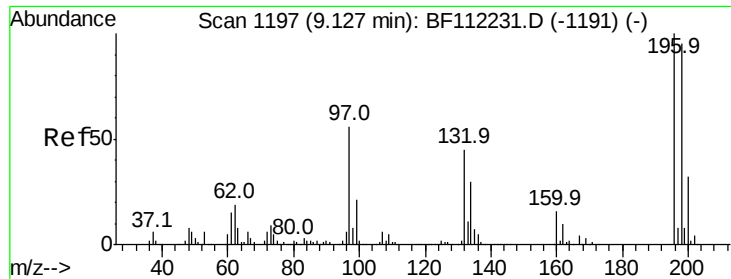
Acq: 22 Feb 2019 15:14

Tgt Ion:	330	Resp:	299610
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	114.8
141	34.6	24.3	36.5



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





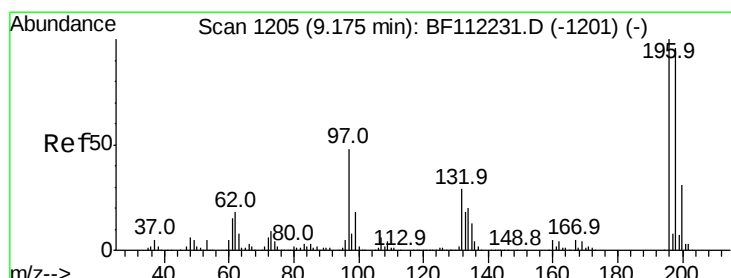
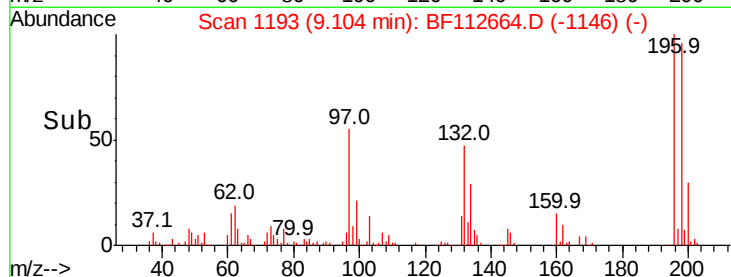
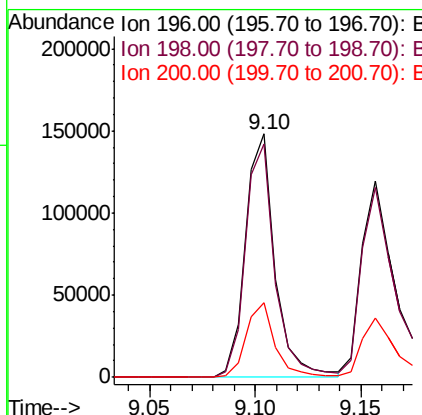
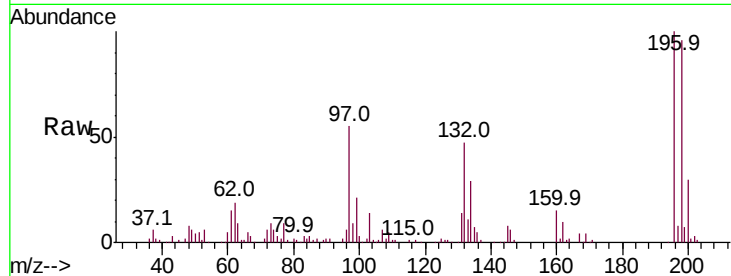
#43
 2,4,6-Trichlorophenol
 Concen: 40.439 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampled :
 PB117293BS

Tot Ion:	196	Resp:	143966
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.2	114.4
200	30.4	24.3	36.5

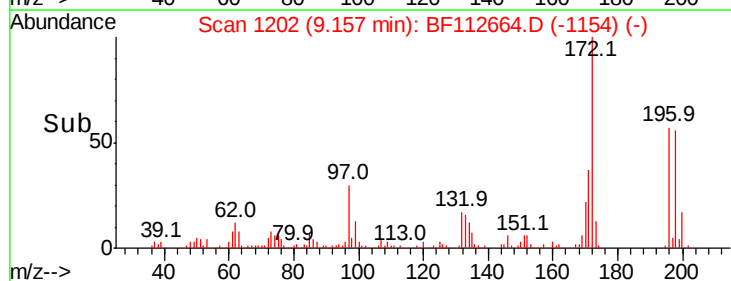
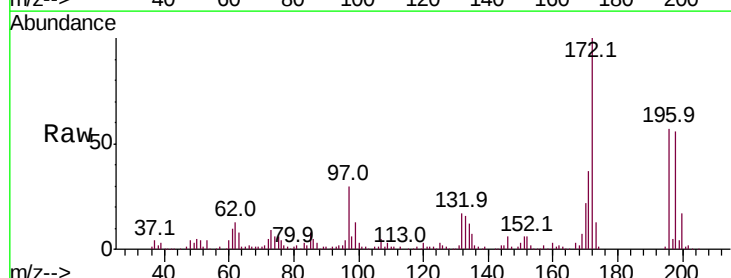
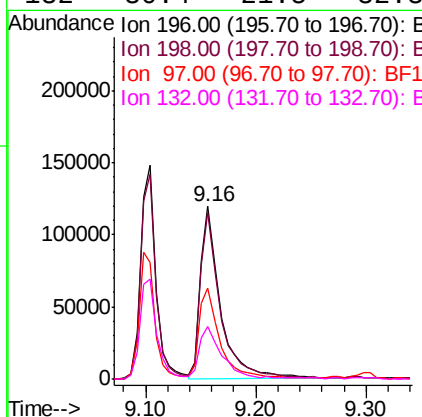
Manual Integrations
 APPROVED

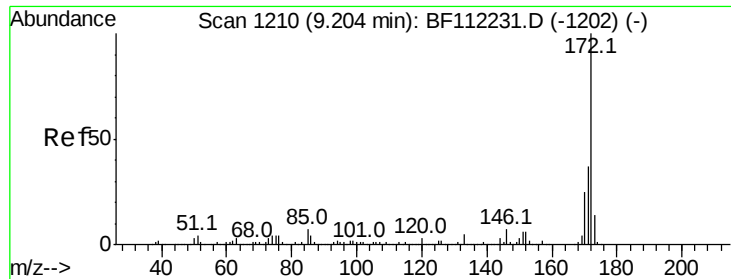
Sohil
 2/25/2019 9:20:56 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.749 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion:	196	Resp:	144174
Ion Ratio	Lower	Upper	
196	100		
198	96.9	76.0	114.0
97	52.7	36.4	54.6
132	30.4	21.5	32.3





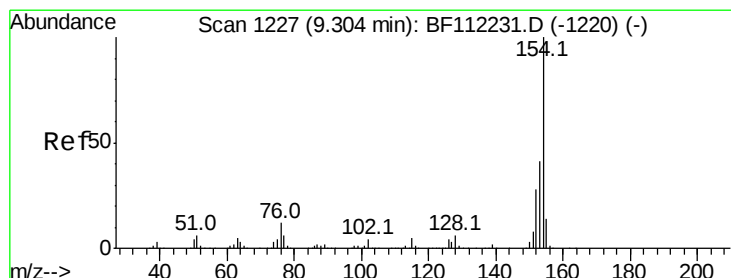
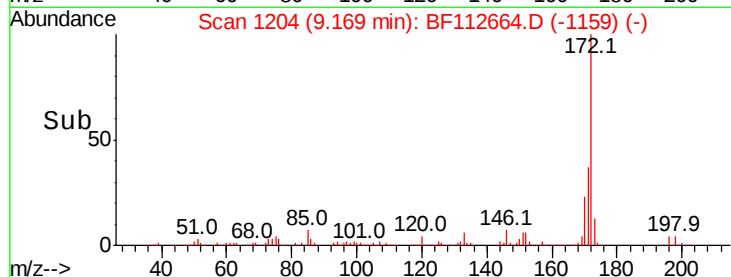
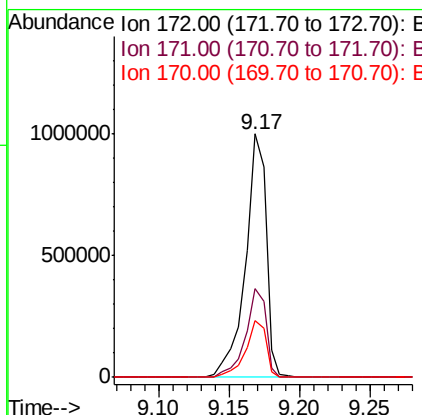
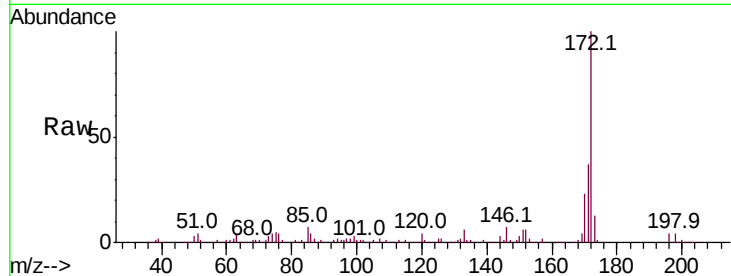
#45
2-Fluorobiphenyl
Concen: 82.747 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampled :
PB117293BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.5	20.2	30.4

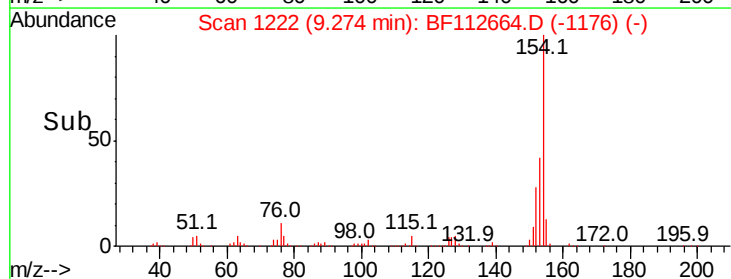
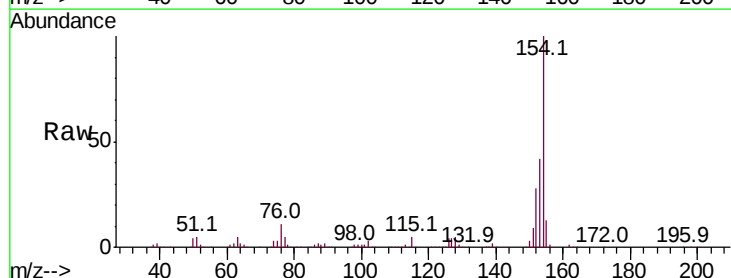
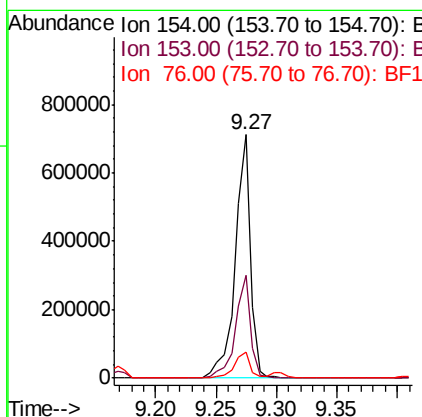
Manual Integrations
APPROVED

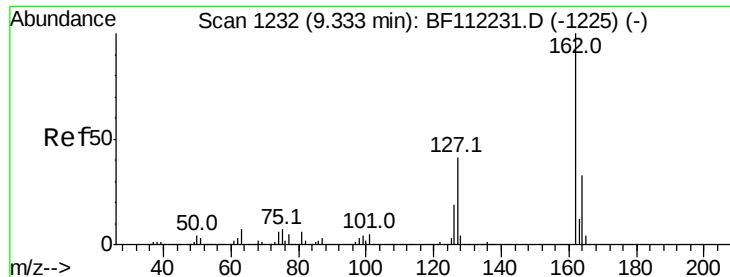
Sohil
2/25/2019 9:20:56 AM



#46
1,1'-Biphenyl
Concen: 40.871 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.5	61.5
76	10.8	0.0	33.1





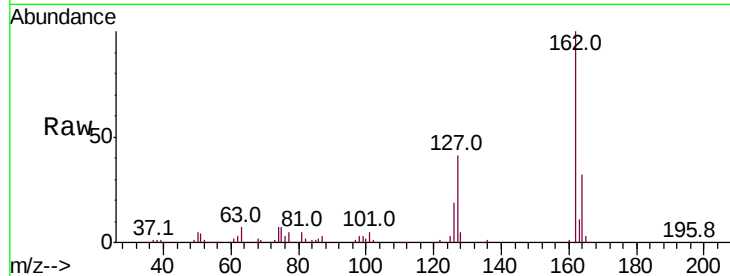
#47
2-Chloronaphthalene
Concen: 40.256 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

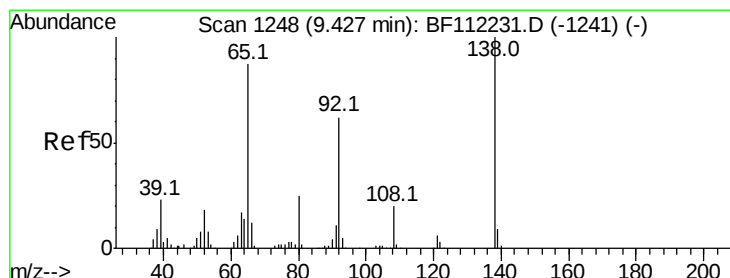
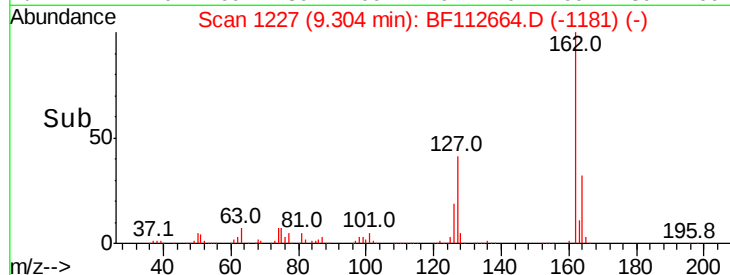
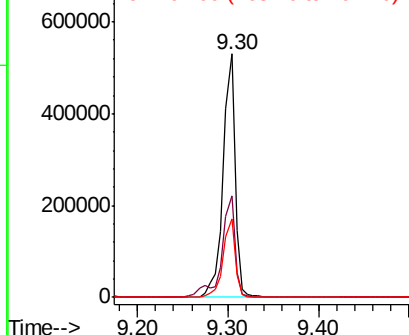
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.4	30.4	45.6
164	32.1	27.4	41.2

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



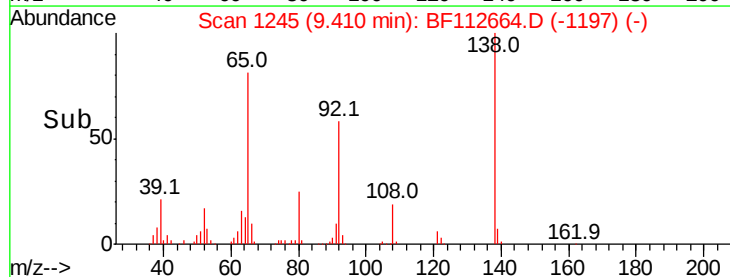
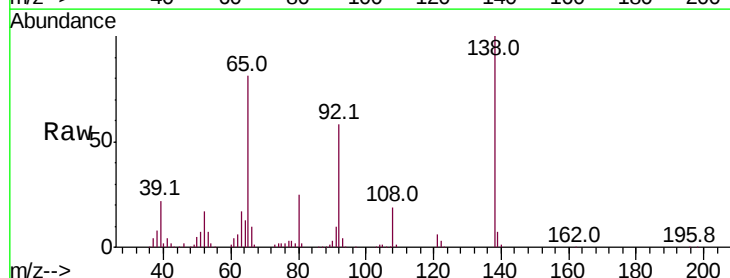
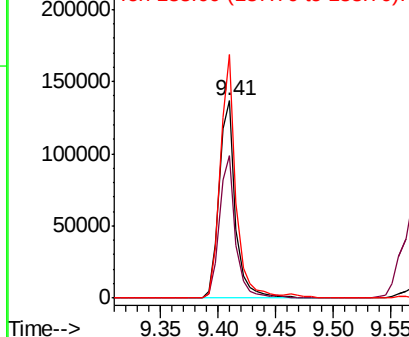
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

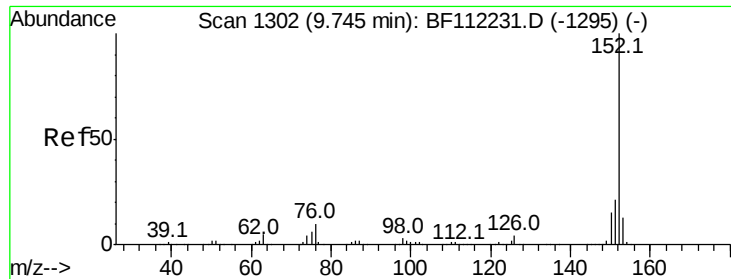


#48
2-Nitroaniline
Concen: 41.539 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.1	60.4	90.6
138	123.7	104.4	156.6

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





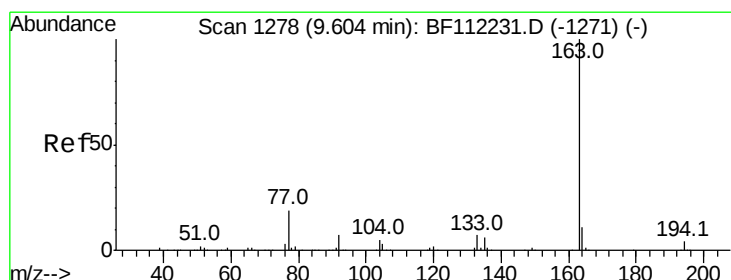
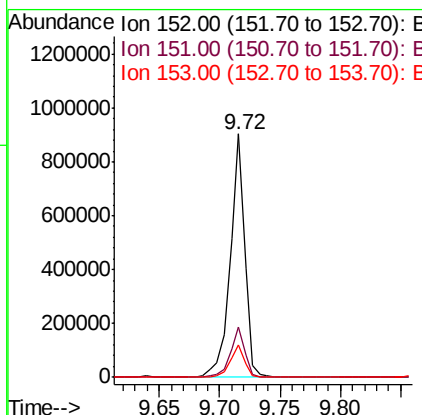
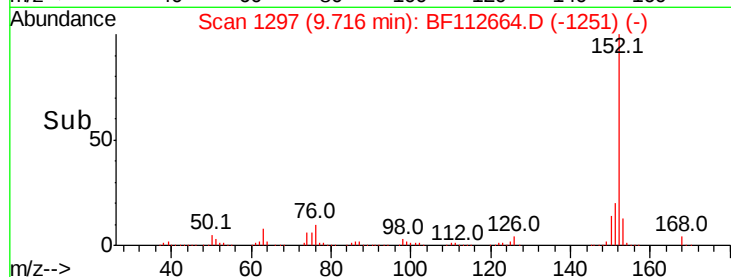
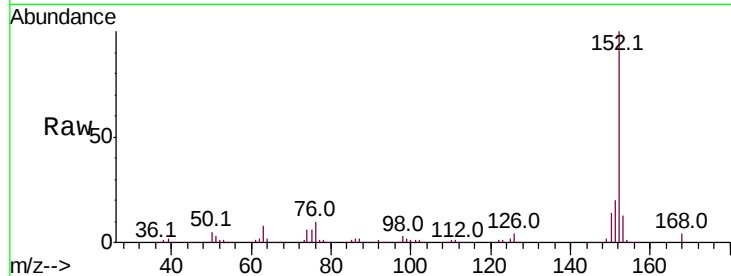
#49
Acenaphthylene
Concen: 43.339 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.6
153	13.2	11.2	16.8

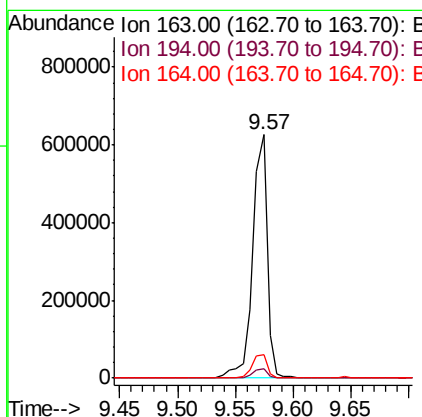
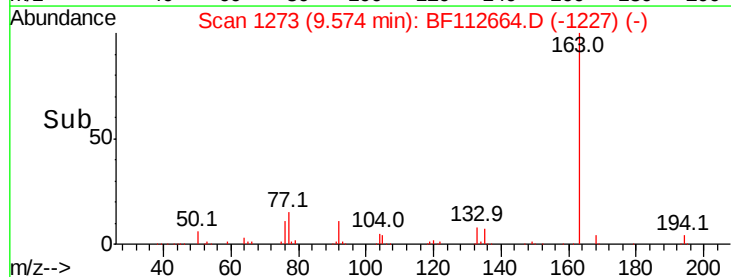
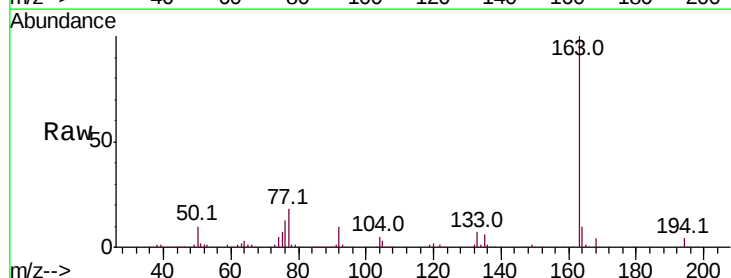
Manual Integrations
APPROVED

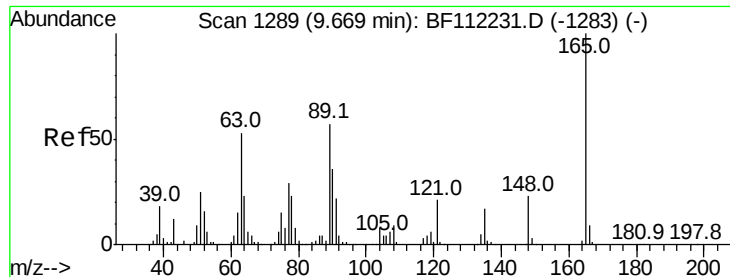
Sohil
2/25/2019 9:20:56 AM



#50
Dimethylphthalate
Concen: 40.296 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.8	8.5	12.7





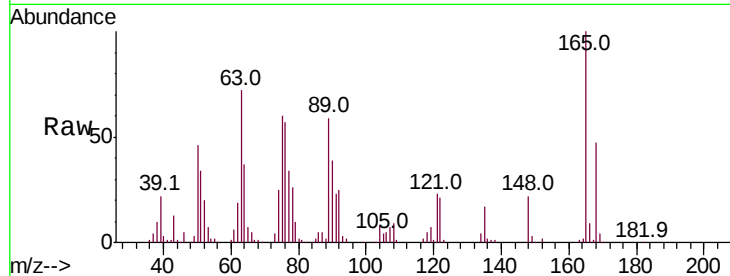
#51
2,6-Dinitrotoluene
Concen: 41.229 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	72.2	33.8	50.8#
89	59.1	36.9	55.3#

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM

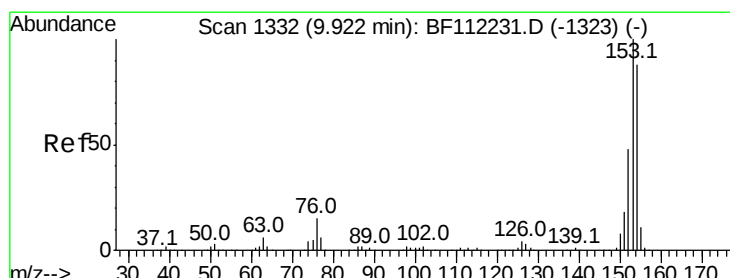
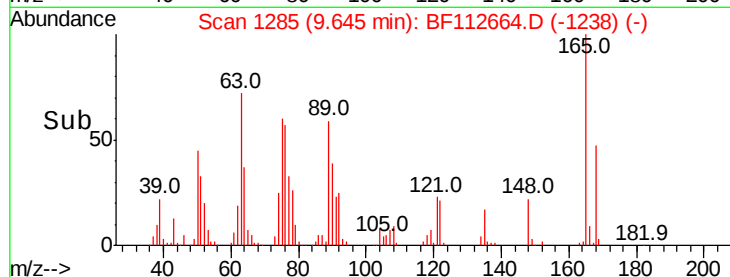
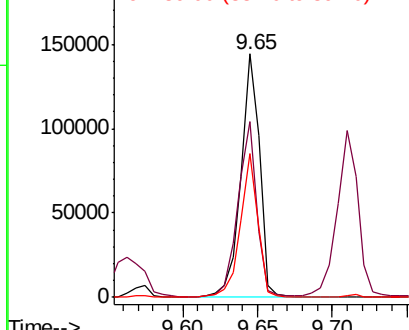


Abundance

Ion 165.00 (164.70 to 165.70): E

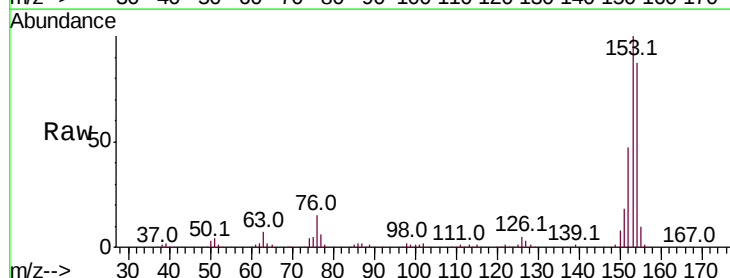
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 42.221 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.7	89.8	134.6
152	54.0	43.5	65.3

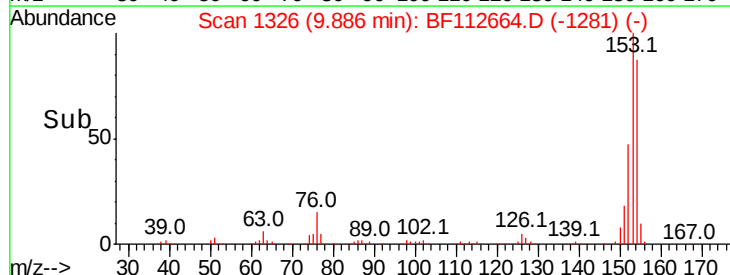
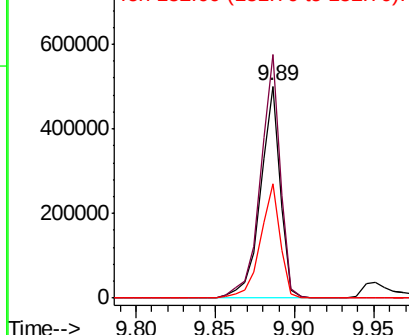


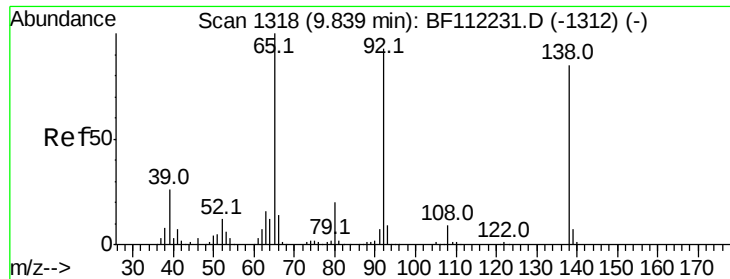
Abundance

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





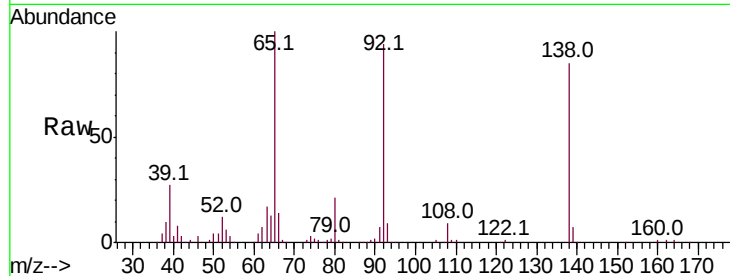
#53
3-Nitroaniline
Concen: 27.967 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

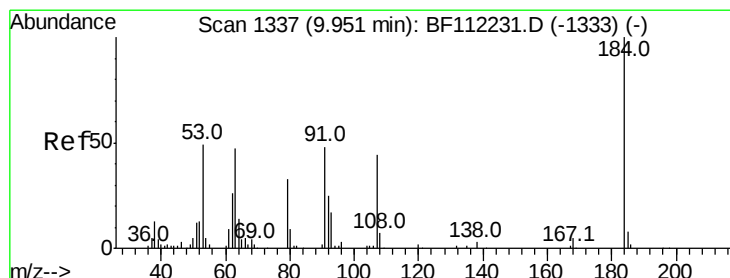
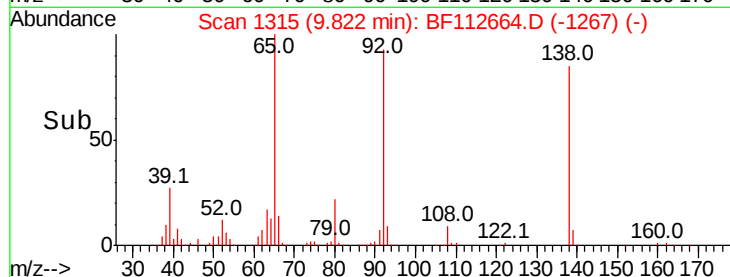
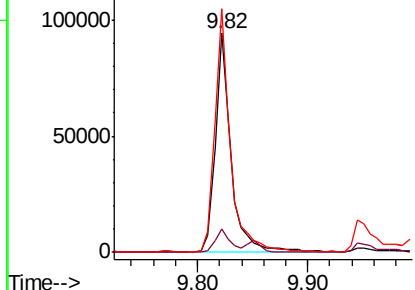
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.8	14.6
92	111.1	79.4	119.2

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



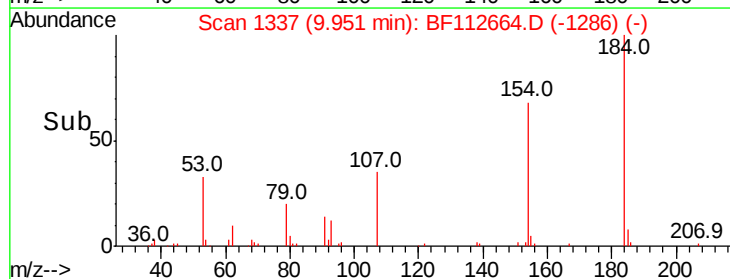
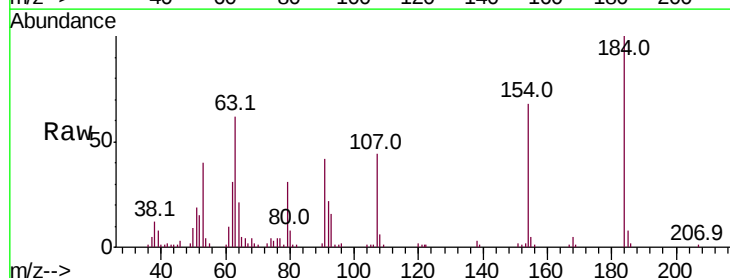
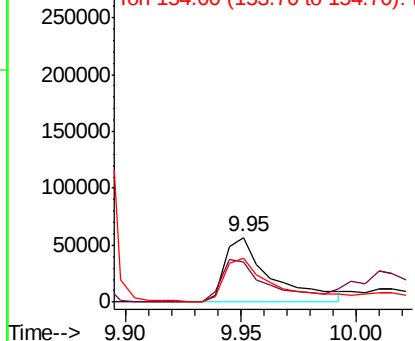
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

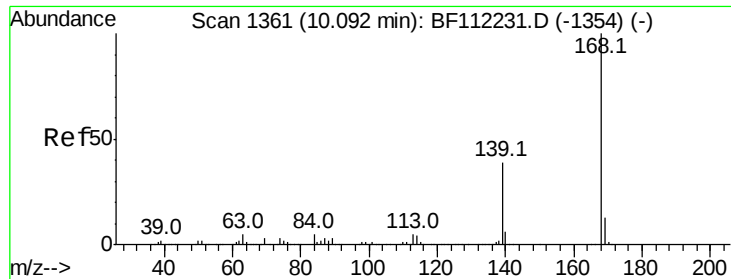


#54
2,4-Dinitrophenol
Concen: 81.076 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.6	47.1	70.7
154	67.7	48.9	73.3

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





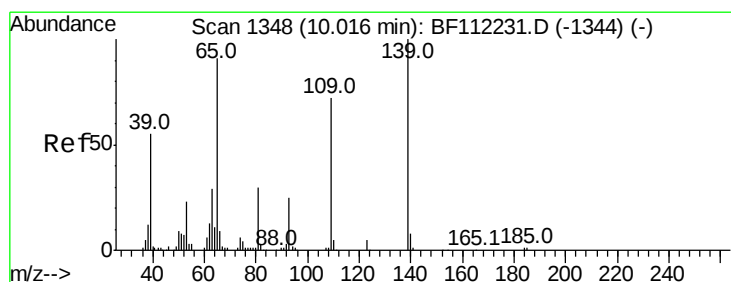
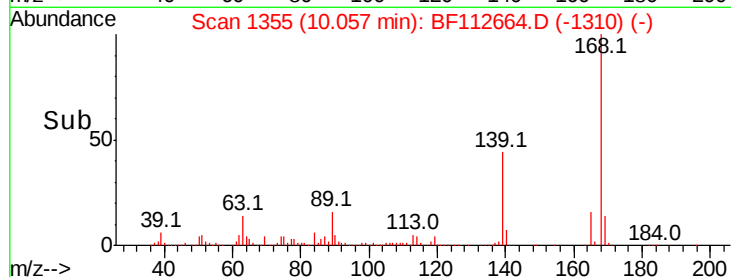
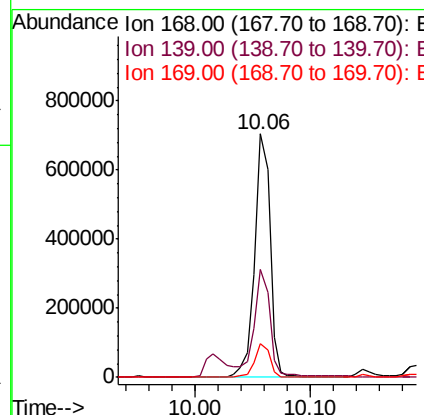
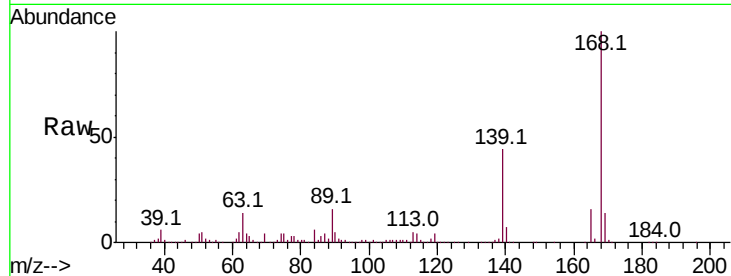
#55
 Dibenzofuran
 Concen: 40.951 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.2	29.2	43.8#
169	13.9	11.4	17.0

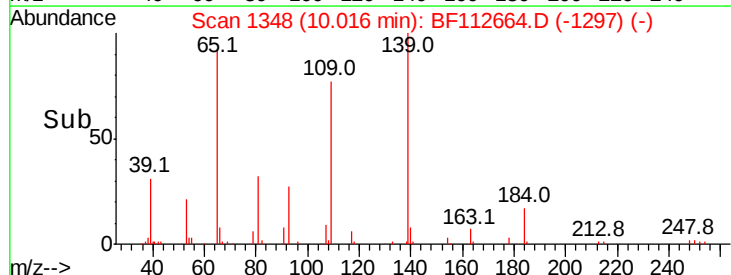
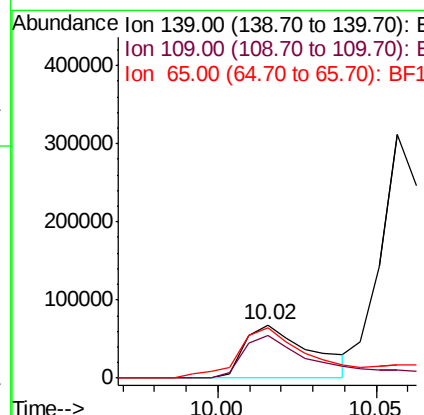
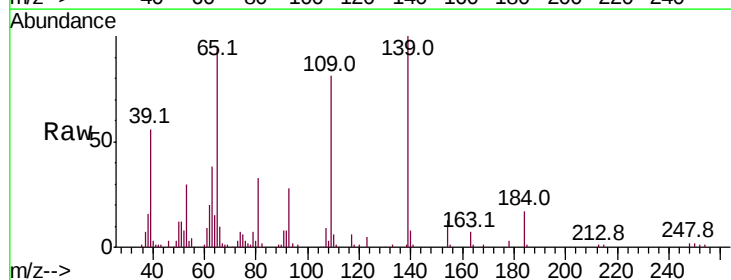
Manual Integrations
 APPROVED

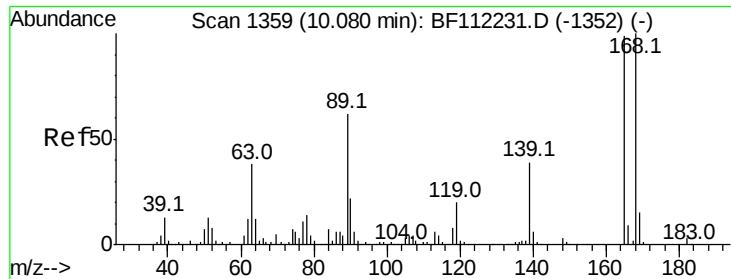
Sohil
 2/25/2019 9:20:56 AM



#56
 4-Nitrophenol
 Concen: 56.027 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.6	42.8	82.8
65	94.3	66.1	106.1





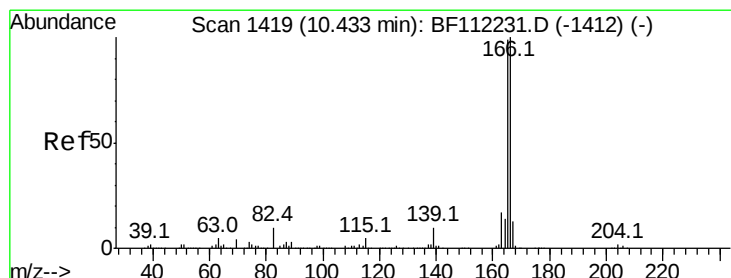
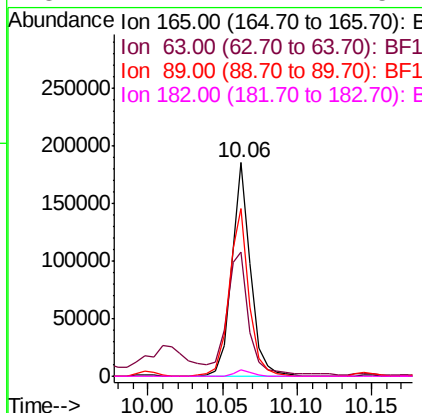
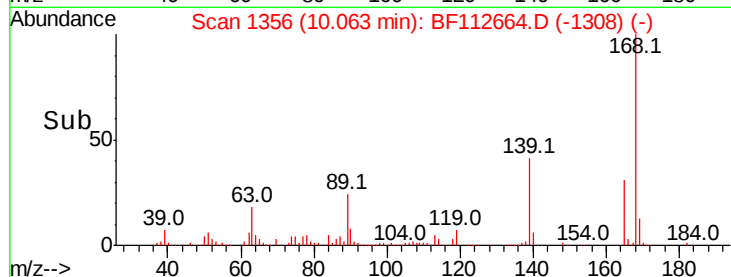
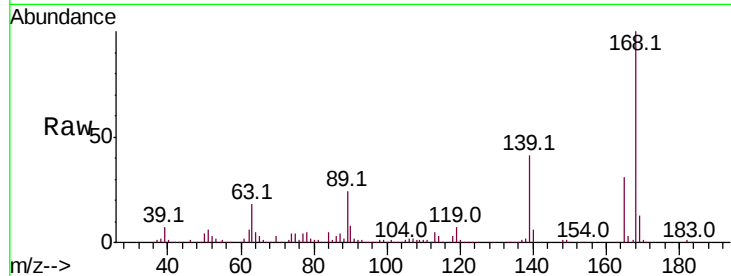
#57
2,4-Dinitrotoluene
Concen: 42.479 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.3	27.9	41.9#	
89	78.3	47.9	71.9#	
182	2.7	2.2	3.4	

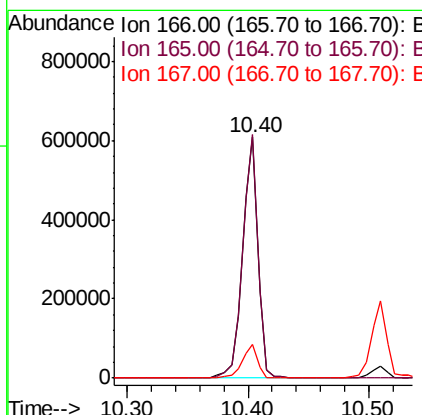
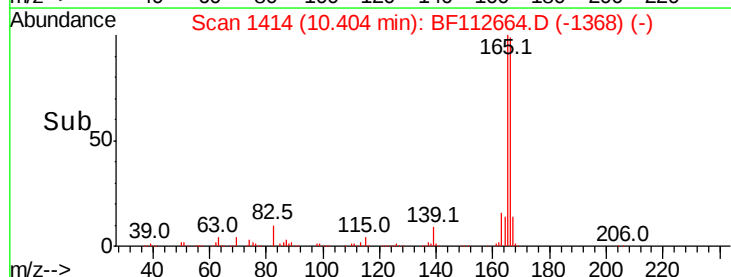
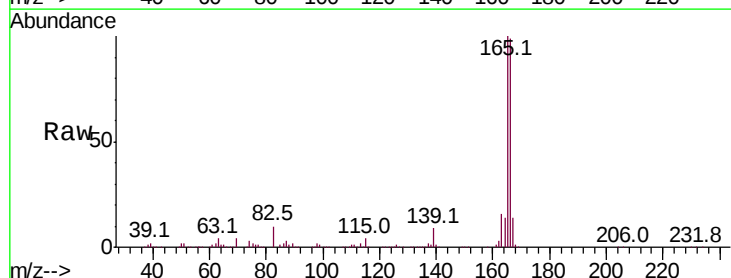
Manual Integrations
APPROVED

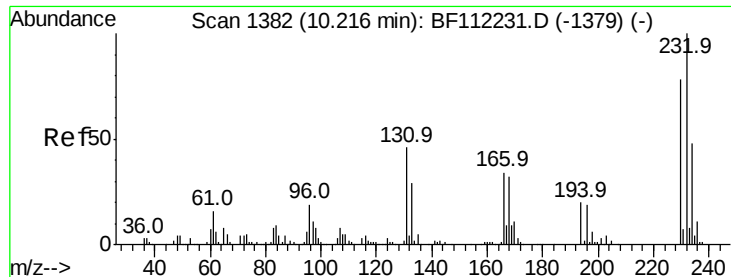
Sohil
2/25/2019 9:20:56 AM



#58
Fluorene
Concen: 45.272 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.1	77.1	115.7	
167	13.9	11.3	16.9	





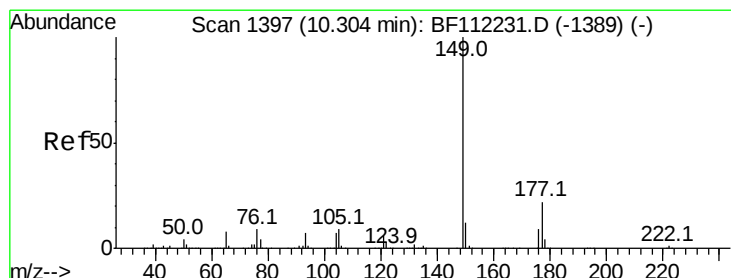
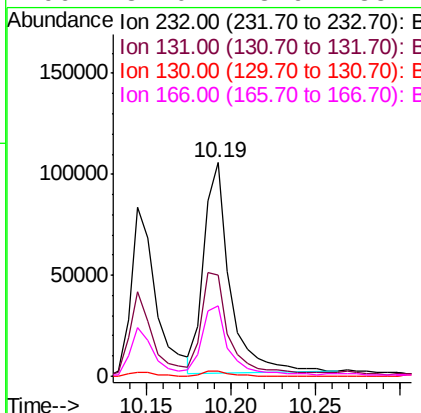
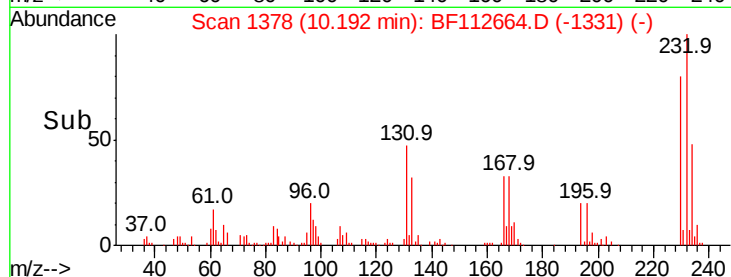
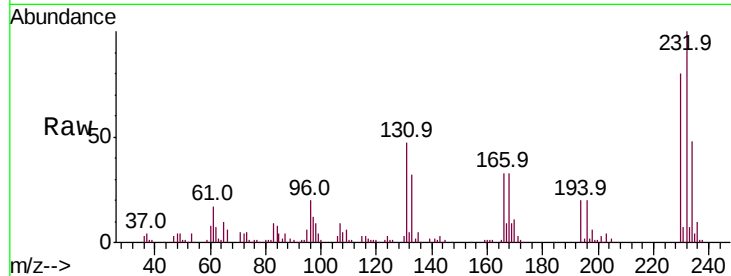
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.208 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	113057		
131	49.3		33.9	50.9
130	2.8		1.8	2.6
166	34.0		23.6	35.4

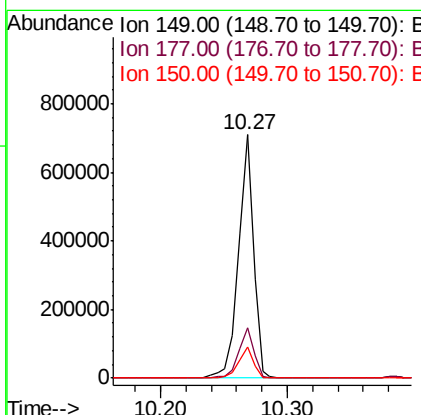
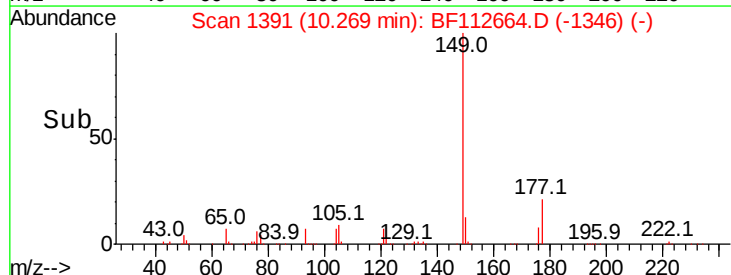
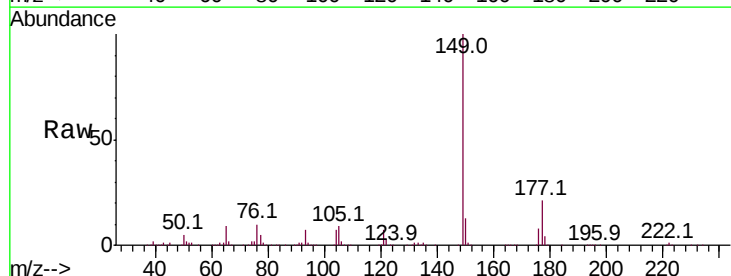
Manual Integrations
APPROVED

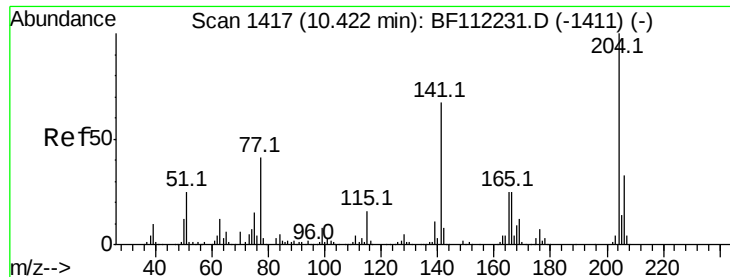
Sohil
2/25/2019 9:20:56 AM



#60
Diethylphthalate
Concen: 42.375 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	574723		
177	20.9		18.2	27.2
150	12.6		10.4	15.6





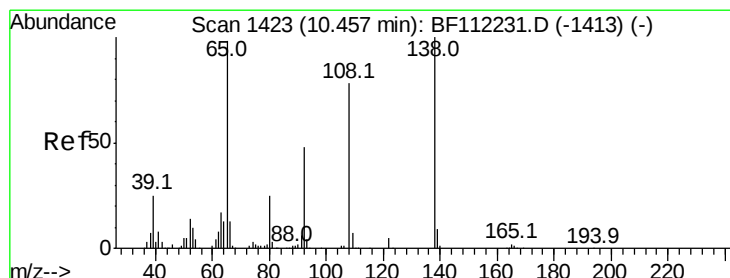
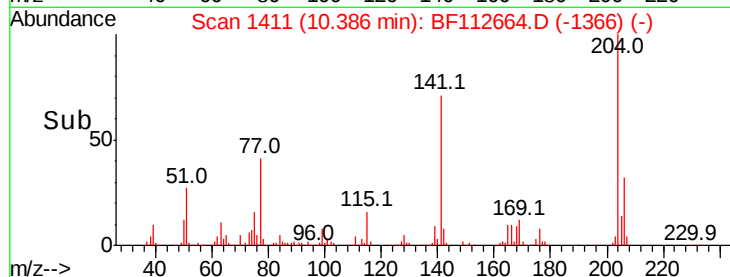
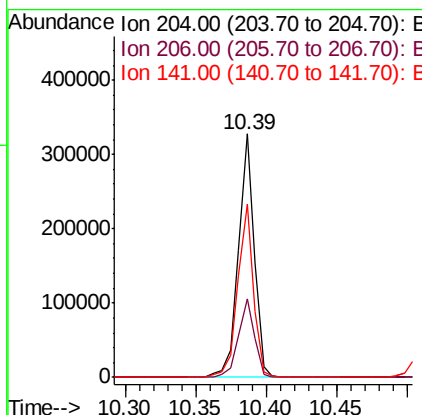
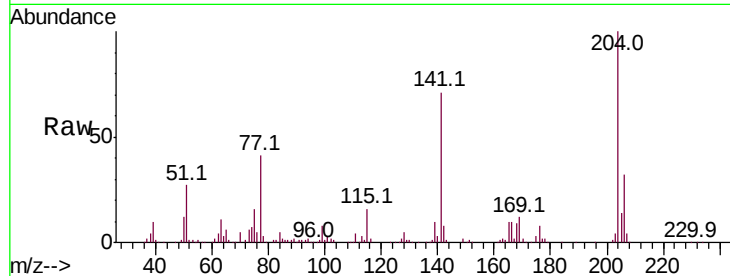
#61
4-Chlorophenyl-phenylether
Concen: 39.530 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	71.4	45.9	68.9

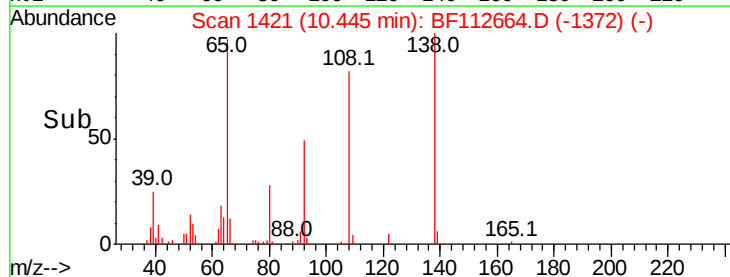
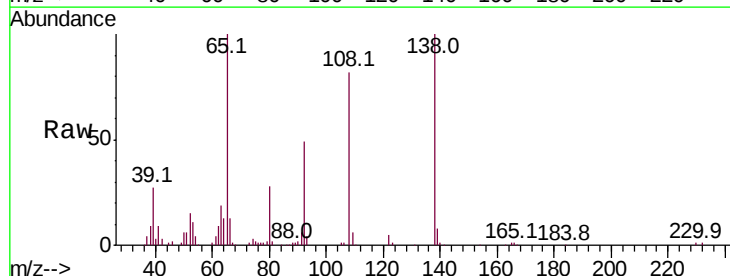
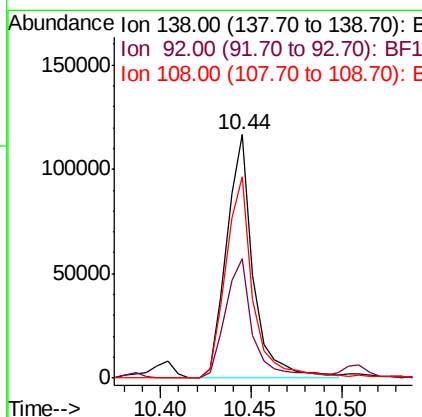
Manual Integrations
APPROVED

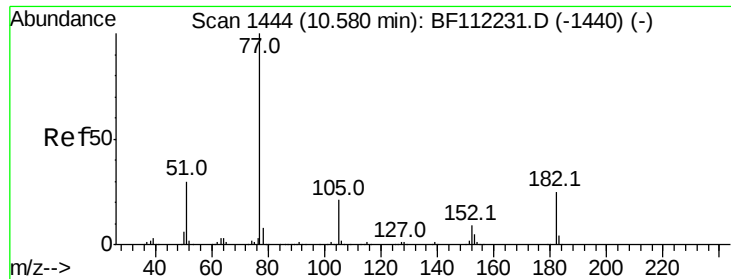
Sohil
2/25/2019 9:20:56 AM



#62
4-Nitroaniline
Concen: 36.999 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.6	70.6
108	82.6	50.0	90.0





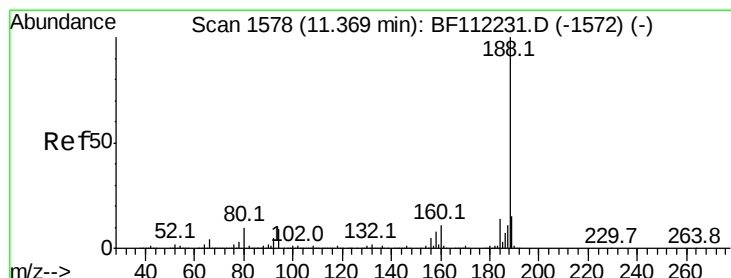
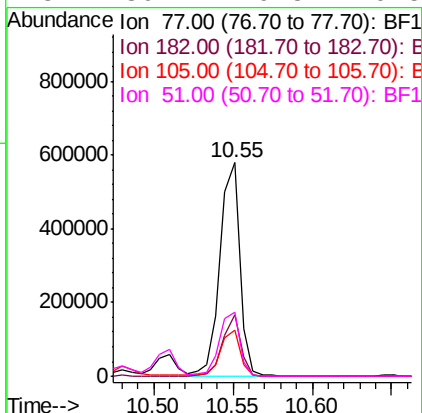
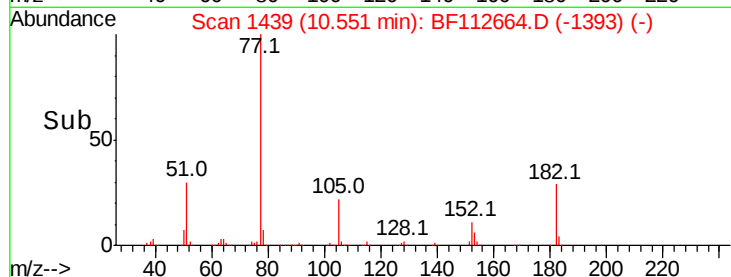
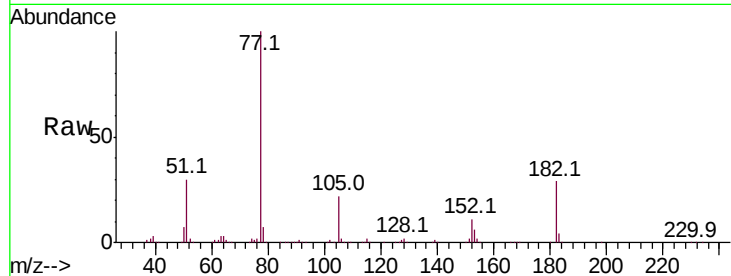
#63
Azobenzene
Concen: 42.493 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.7	5.7	45.7		
105	21.9	1.4	41.4		
51	30.2	9.5	49.5		

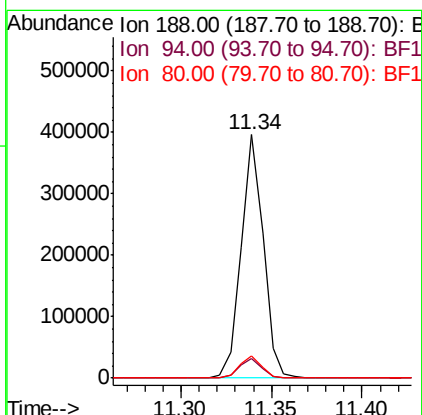
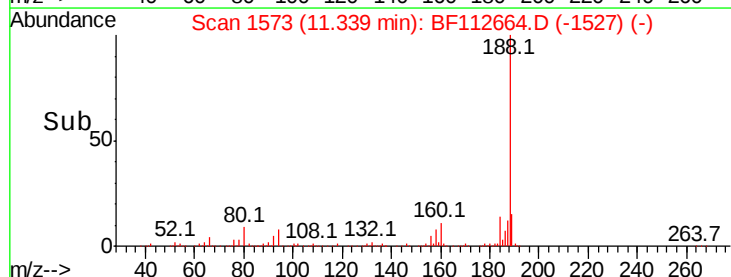
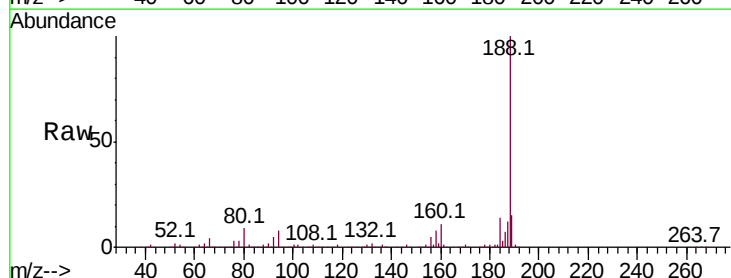
Manual Integrations
APPROVED

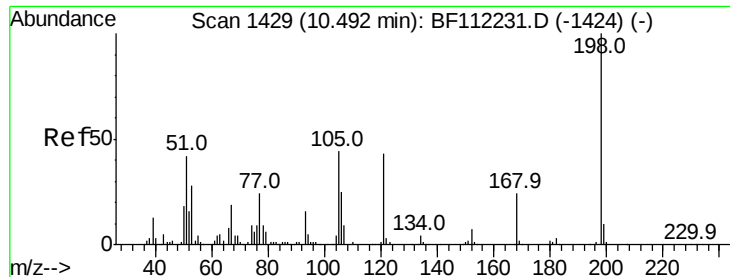
Sohil
2/25/2019 9:20:56 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.1	8.2	12.2#		
80	9.1	8.9	13.3		





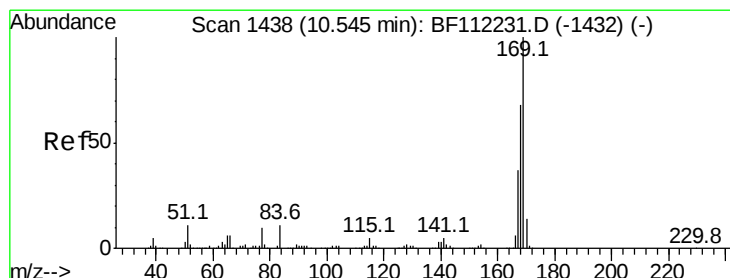
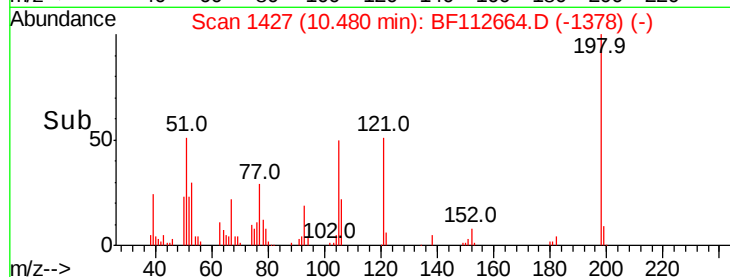
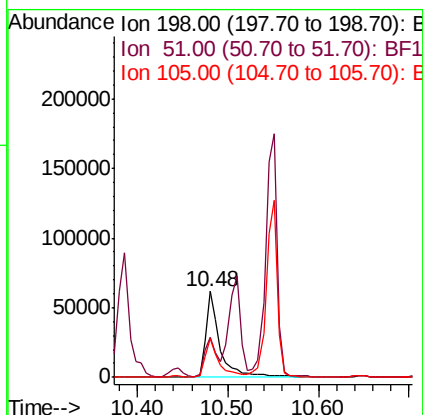
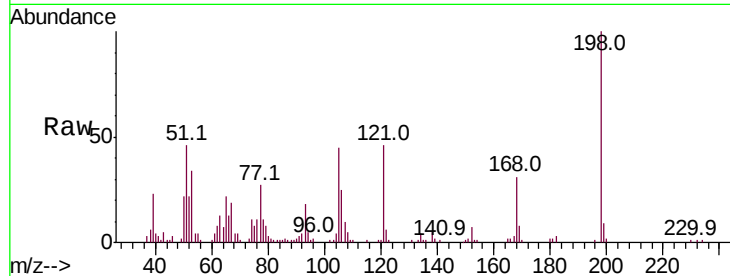
#65
4,6-Dinitro-2-methylphenol
Concen: 36.230 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.4	17.2	57.2
105	44.8	21.9	61.9

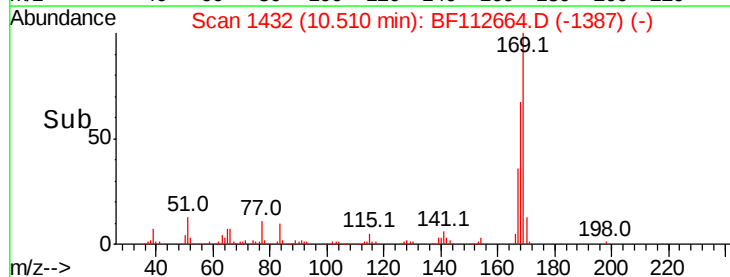
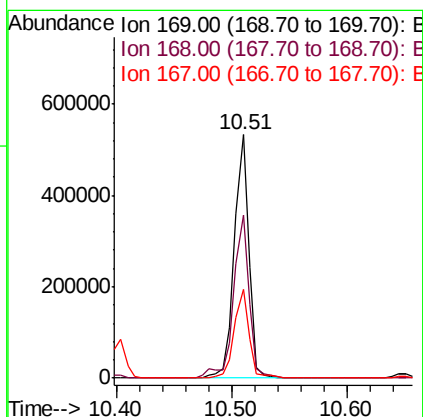
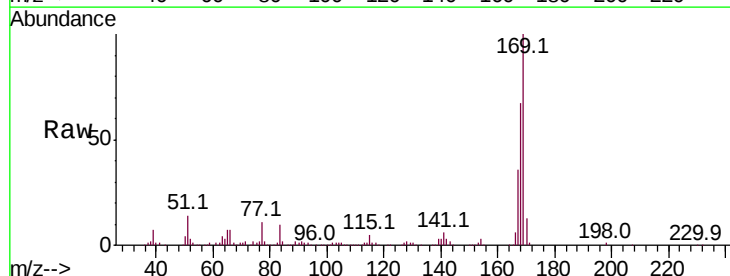
Manual Integrations
APPROVED

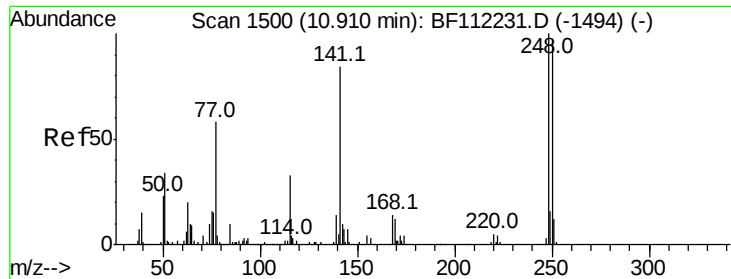
Sohil
2/25/2019 9:20:56 AM



#66
n-Nitrosodiphenylamine
Concen: 40.906 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.9	80.9
167	36.4	28.9	43.3





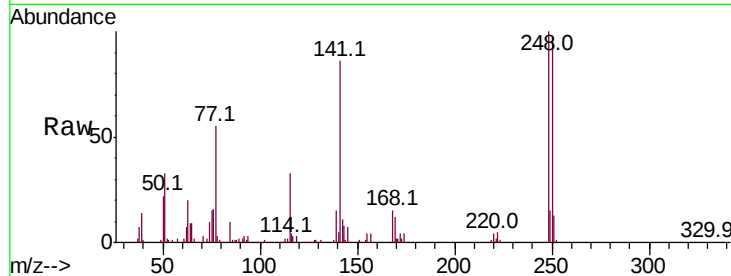
#67
4-Bromophenyl-phenylether
Concen: 39.035 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampled :
PB117293BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.7	119.5
141	86.1	60.3	90.5

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM

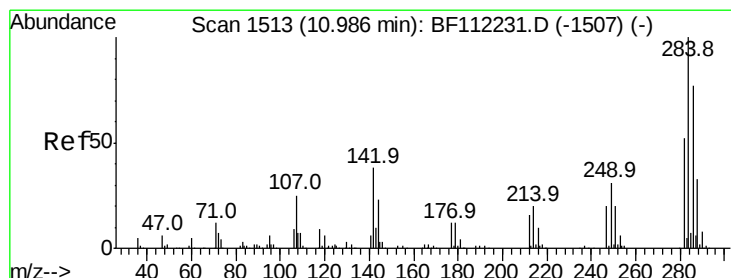
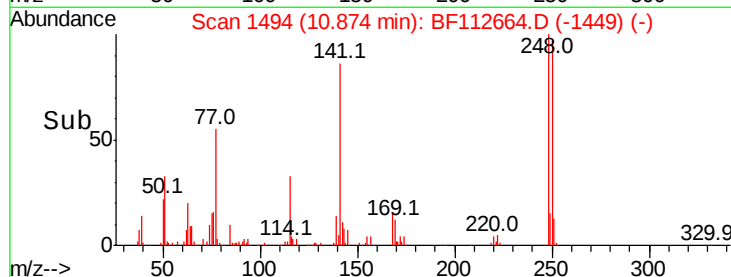
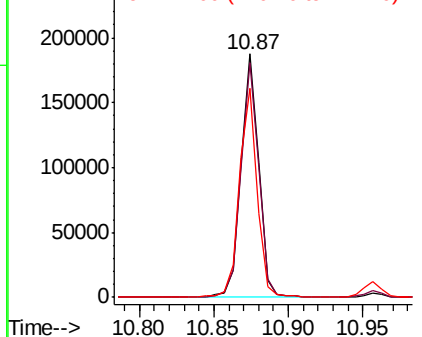


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.555 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

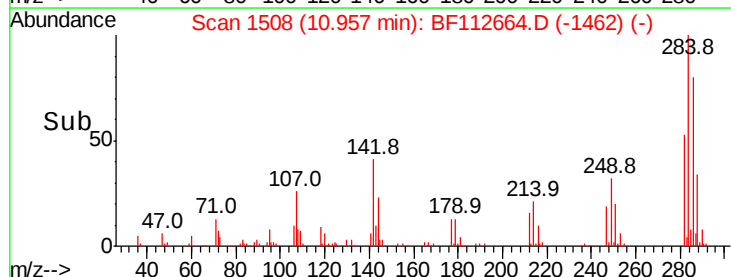
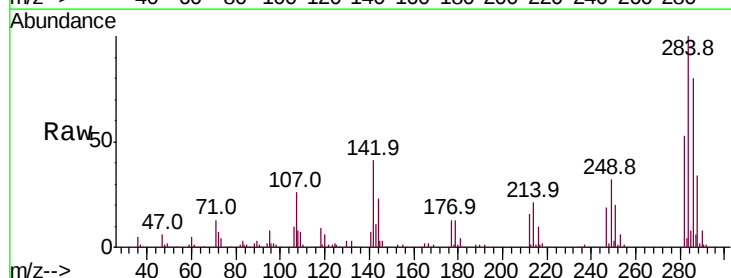
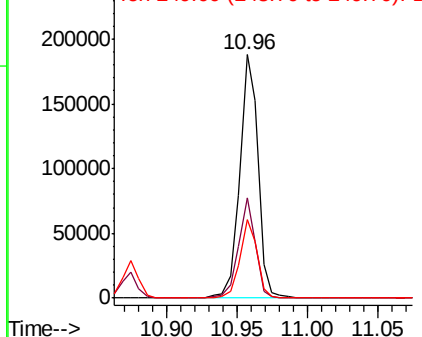
Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.3	27.6	41.4
249	32.0	24.1	36.1

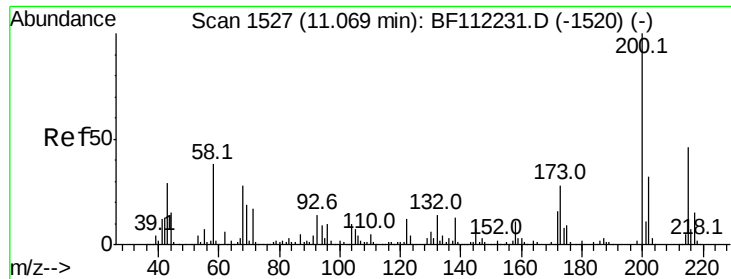
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





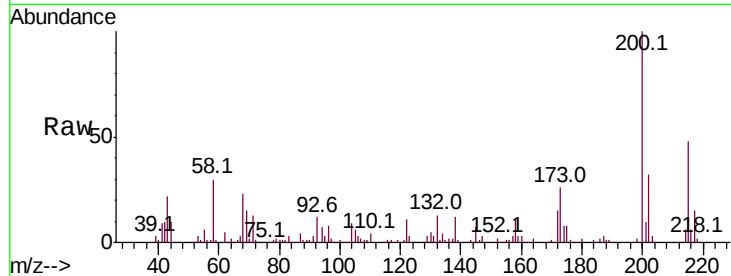
#69
Atrazine
Concen: 40.582 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	7.1	47.1
215	48.3	30.4	70.4

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM

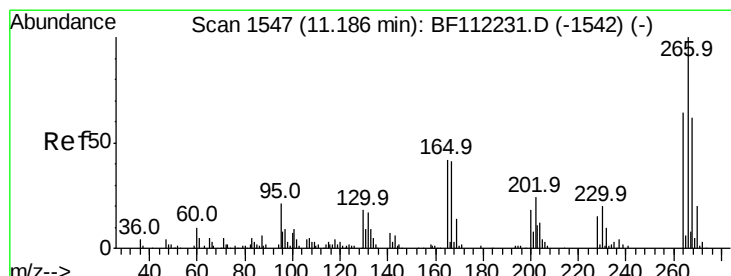
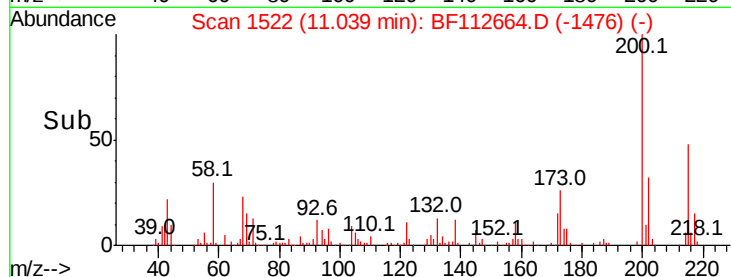
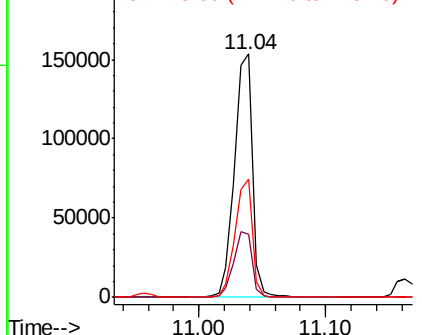


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 53.877 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

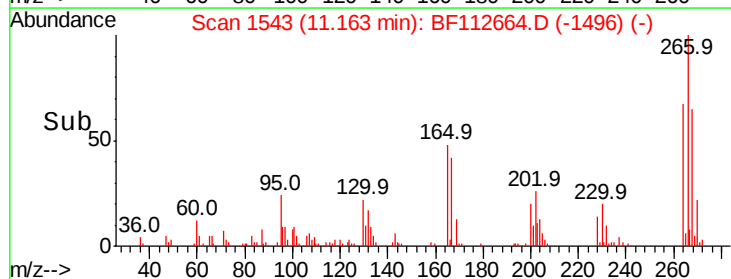
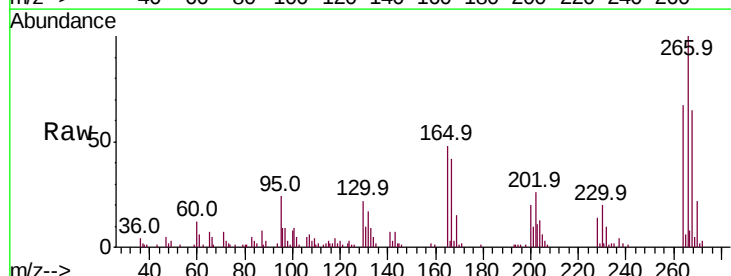
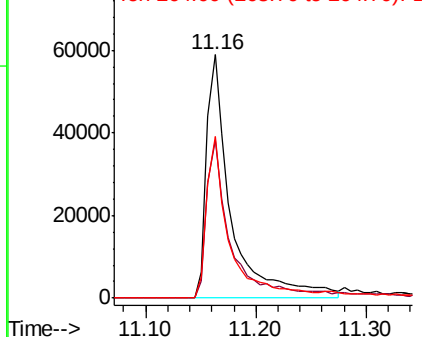
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.1	51.2	76.8
264	66.5	50.9	76.3

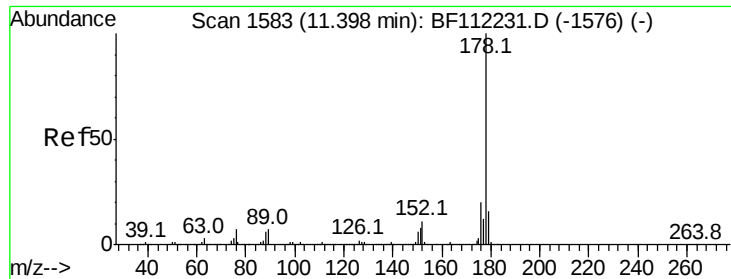
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





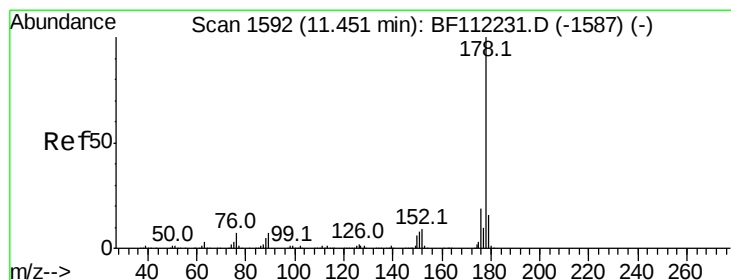
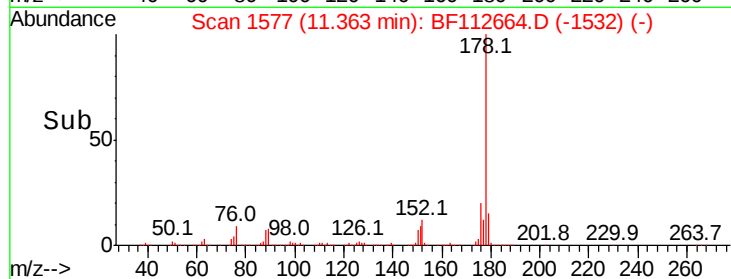
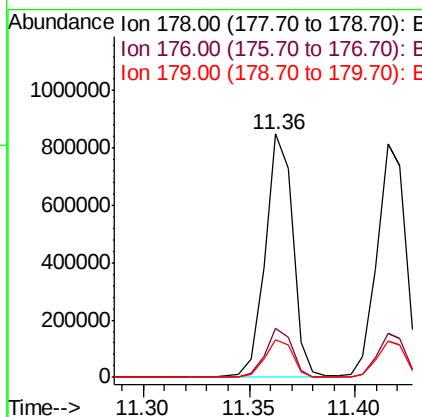
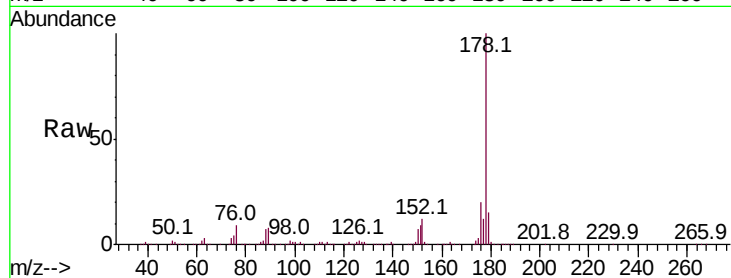
#71
Phenanthrene
Concen: 43.936 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.3	24.5
179	15.4	13.0	19.4

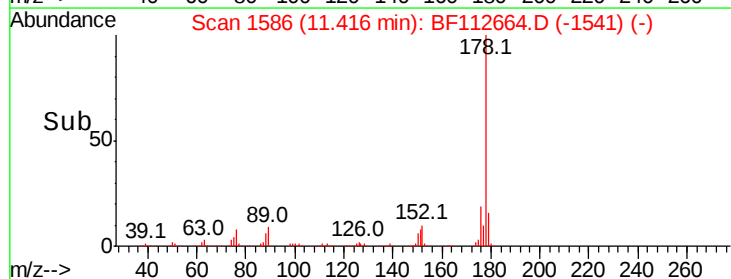
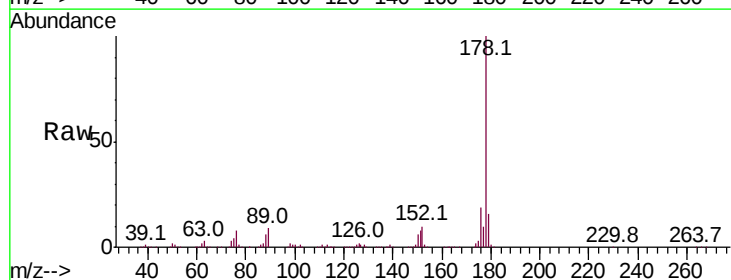
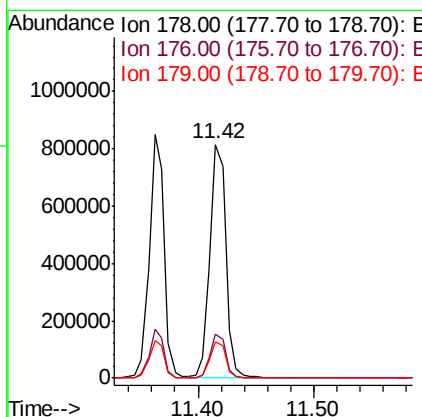
Manual Integrations
APPROVED

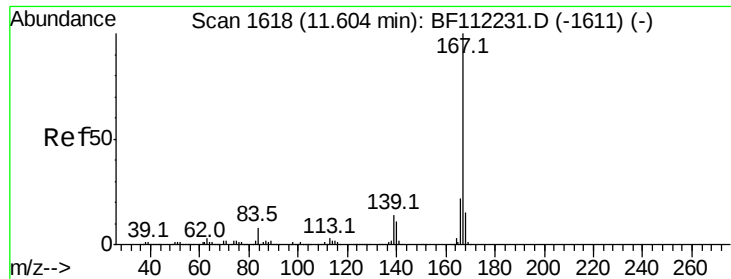
Sohil
2/25/2019 9:20:56 AM



#72
Anthracene
Concen: 45.197 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.5	12.8	19.2





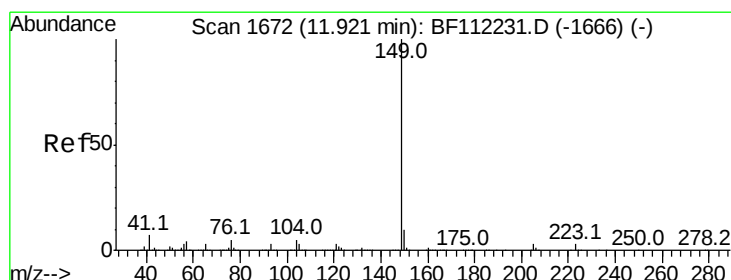
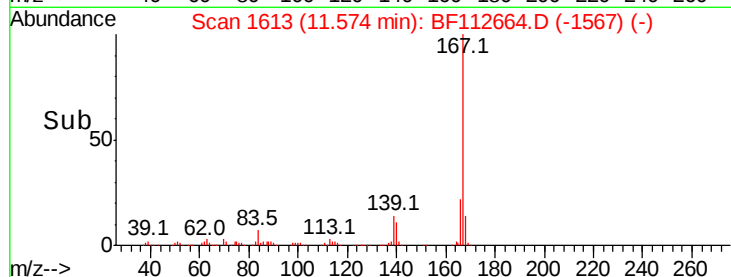
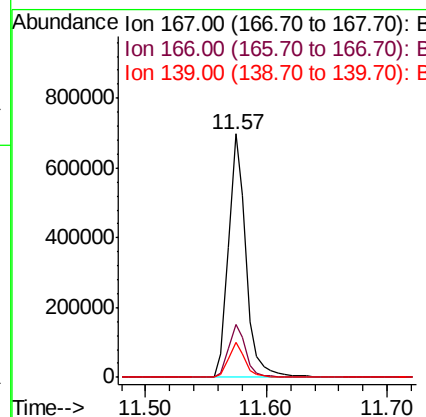
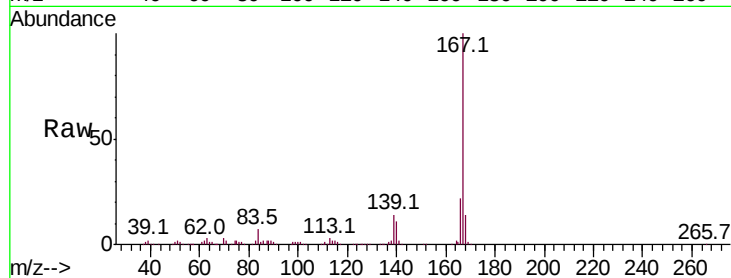
#73
 Carbazole
 Concen: 40.176 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.03 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7	17.9	26.9	
139	14.4	10.2	15.2	

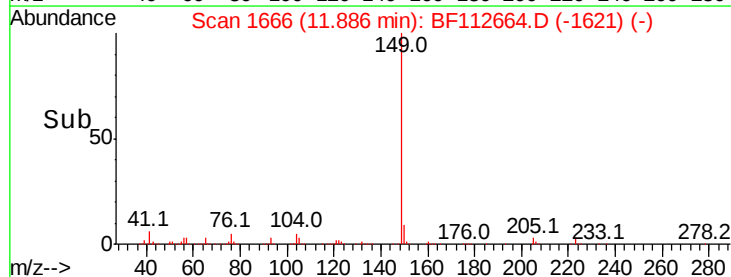
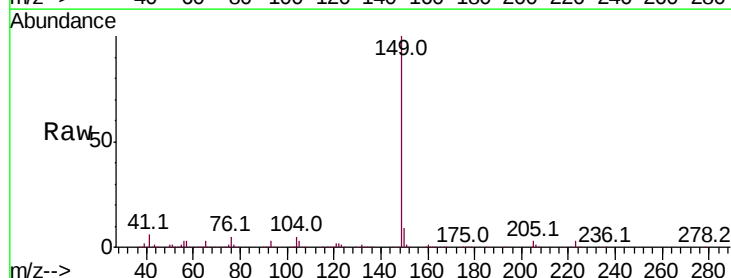
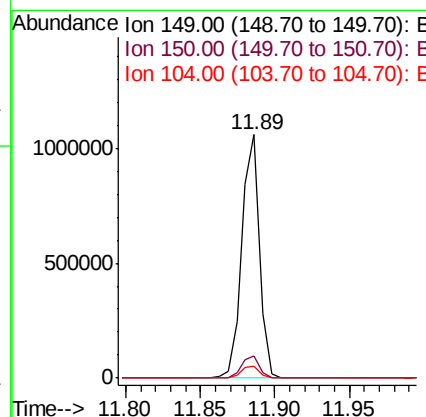
Manual Integrations
 APPROVED

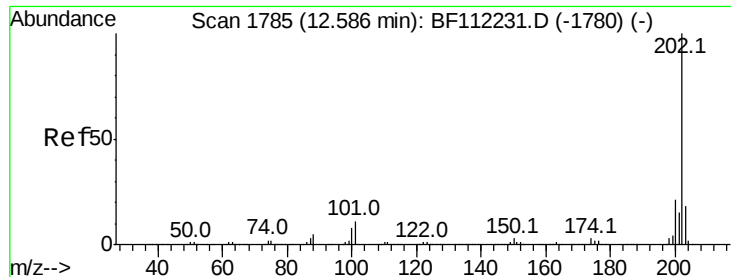
Sohil
 2/25/2019 9:20:56 AM



#74
 Di-n-butylphthalate
 Concen: 41.209 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF112664.D
 Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	8.1	12.1	
104	5.1	3.9	5.9	





#75

Fluoranthene

Concen: 41.585 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

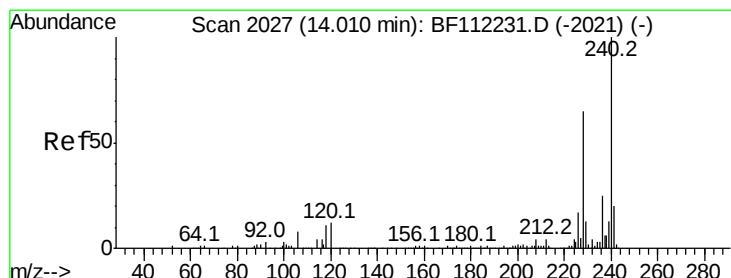
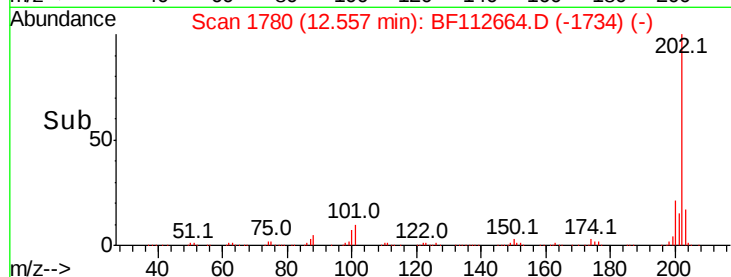
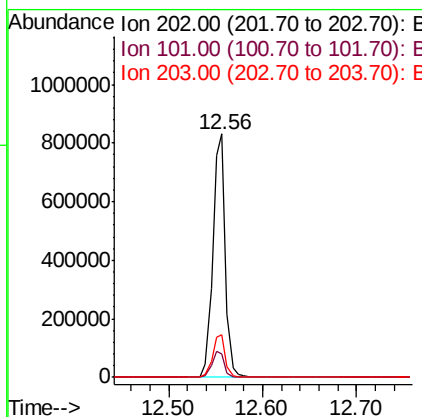
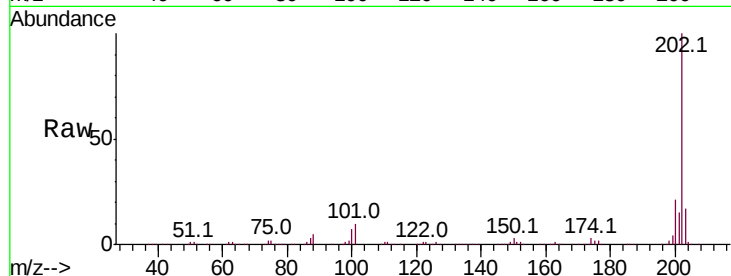
ClientSampled :

PB117293BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.8
203	17.4	0.0	38.4

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#76

Chrysene-d12

Concen: 20.000 ng

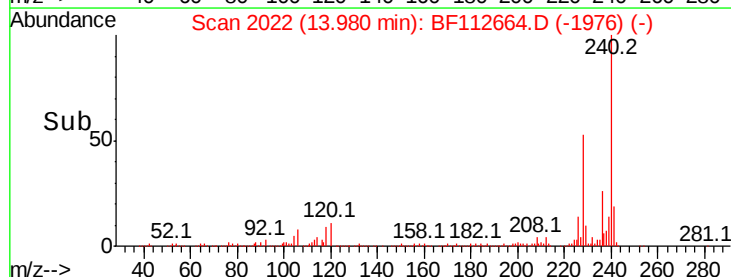
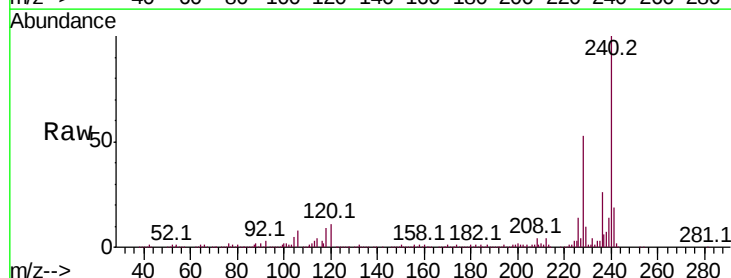
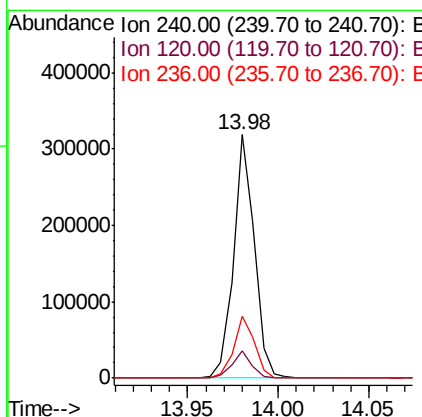
RT: 13.98 min Scan# 2022

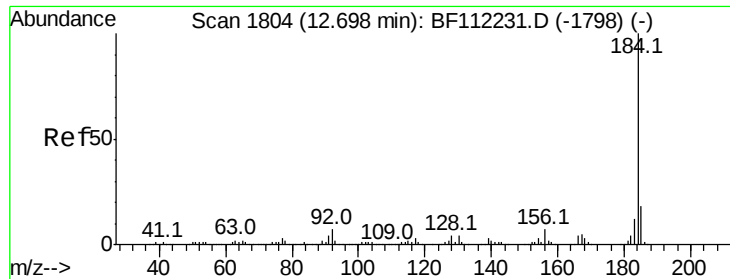
Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	9.0	13.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 34.325 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampled :

PB117293BS

Tot Ion:184 Resp: 240889

Ion Ratio Lower Upper

184 100

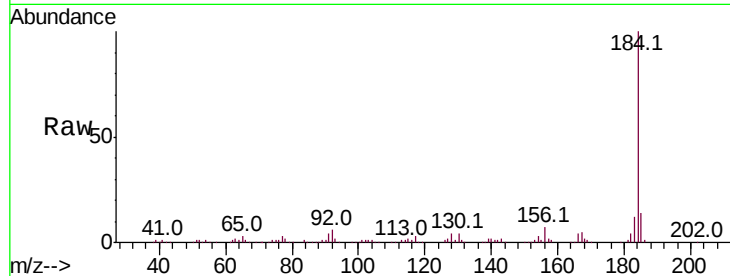
185 13.5 13.9 20.9#

183 11.7 10.0 15.0

Manual Integrations
APPROVED

Sohil

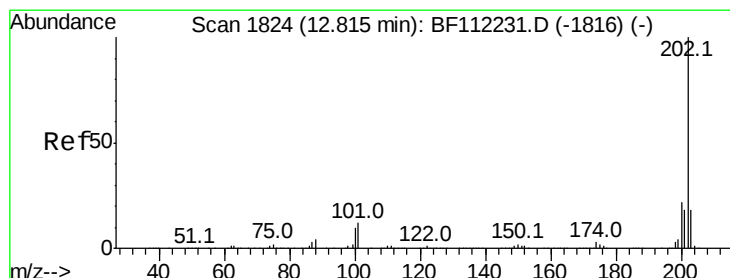
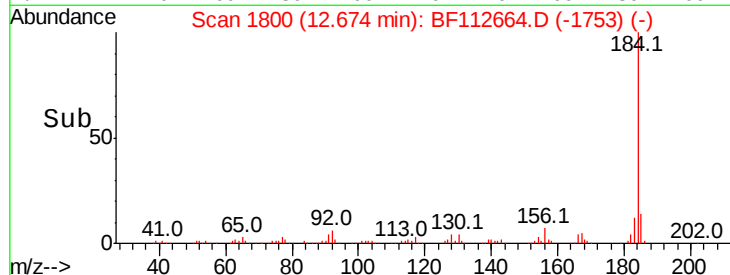
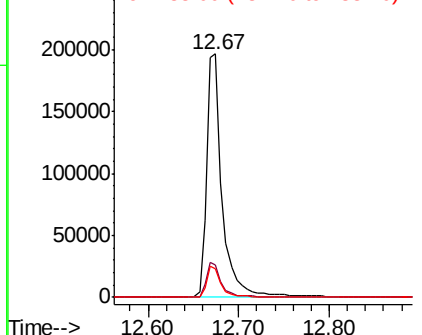
2/25/2019 9:20:56 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.018 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

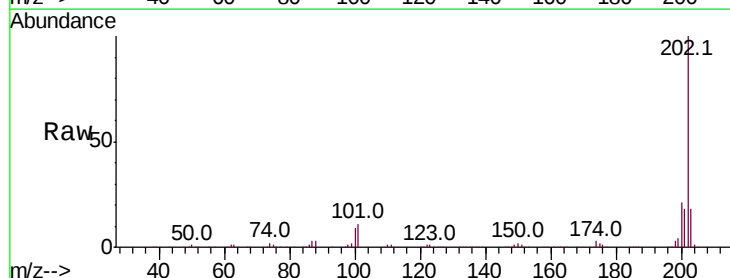
Tgt Ion:202 Resp: 794734

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

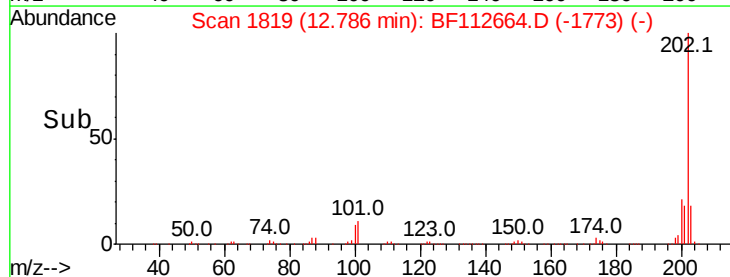
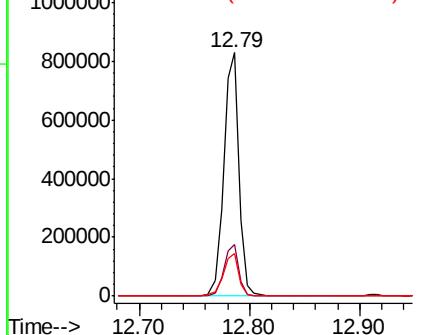
203 17.7 14.6 22.0

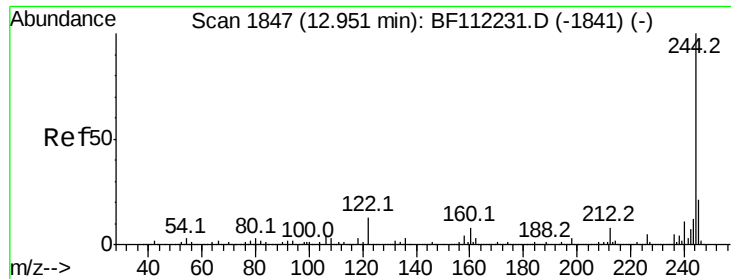


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.416 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

ClientSampleId :

PB117293BS

Tot Ion:244 Resp: 1196981

Ion Ratio Lower Upper

244 100

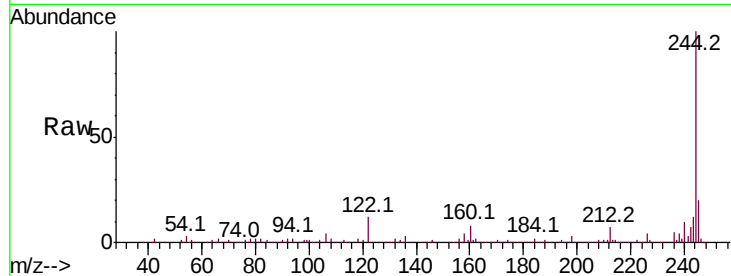
212 7.4 5.9 8.9

122 11.8 9.8 14.6

Manual Integrations
APPROVED

Sohil

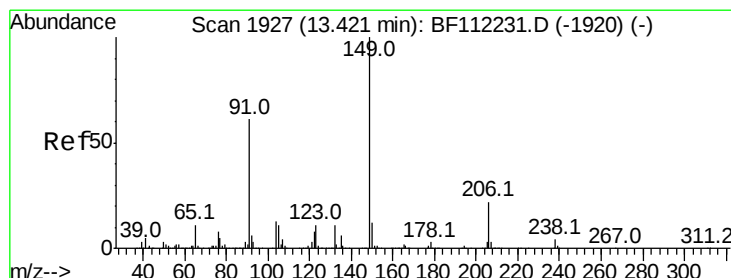
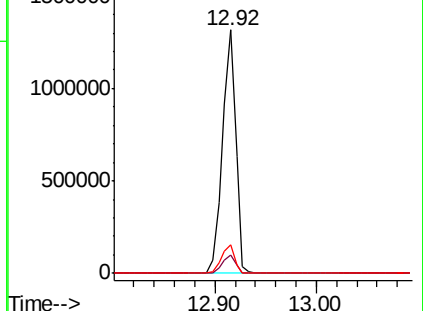
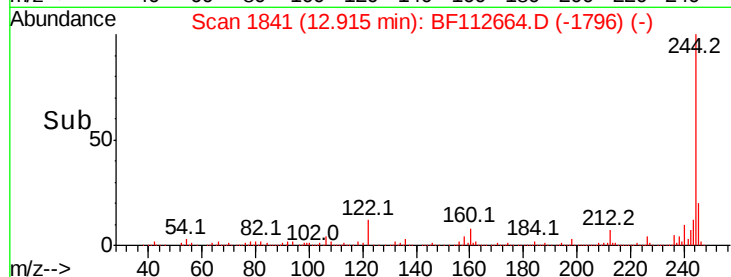
2/25/2019 9:20:56 AM



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: 42.135 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.05 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

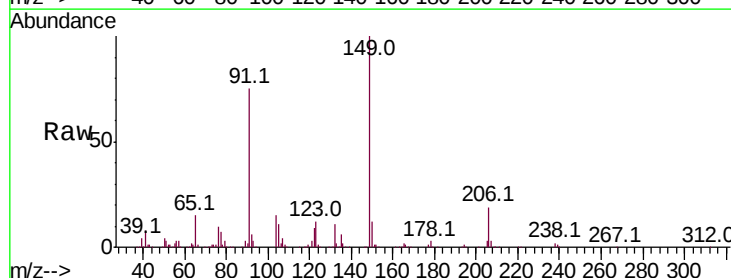
Tgt Ion:149 Resp: 359882

Ion Ratio Lower Upper

149 100

91 74.6 50.3 75.5

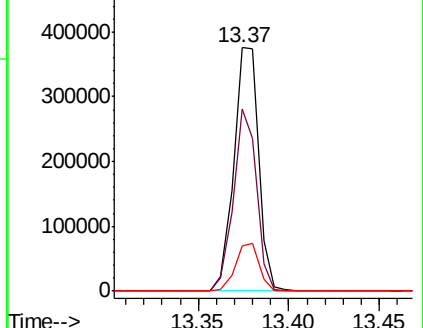
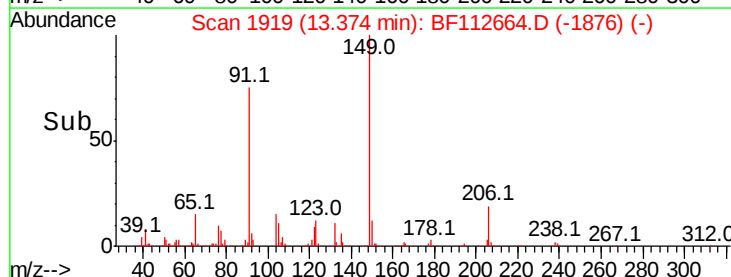
206 18.8 18.2 27.4

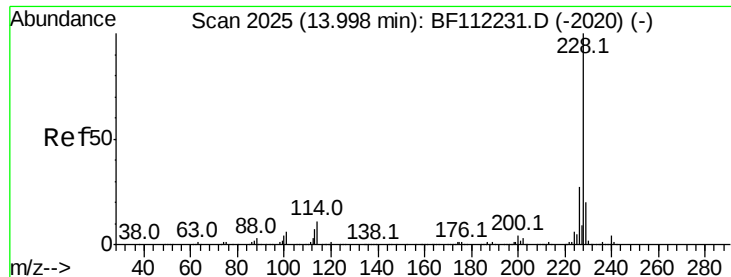


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.015 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

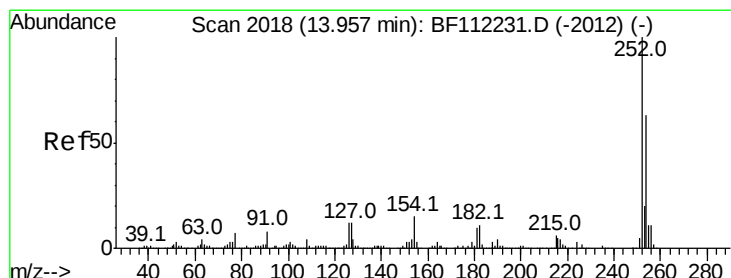
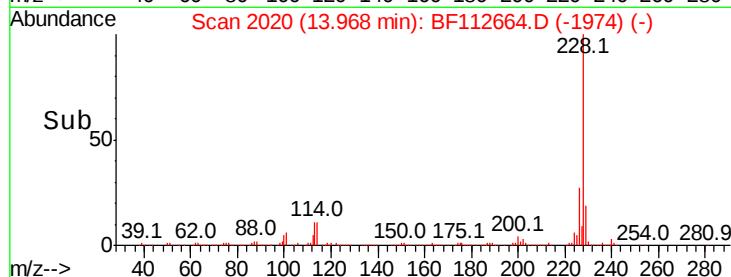
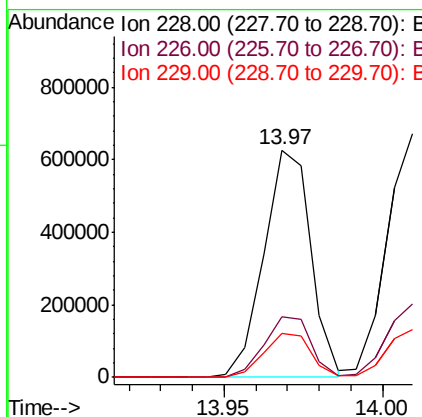
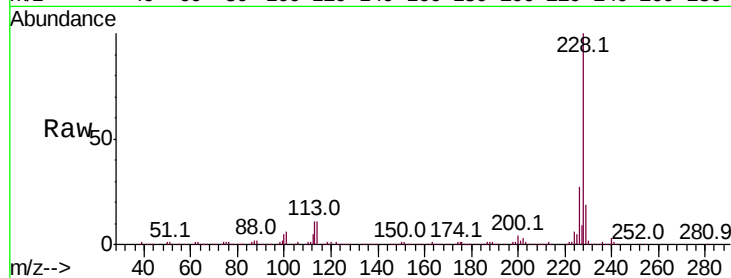
ClientSampleId :

PB117293BS

Tot Ion:	228	Resp:	644761
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.6	34.0
229	19.5	16.5	24.7

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#82

3,3'-Dichlorobenzidine

Concen: 26.812 ng

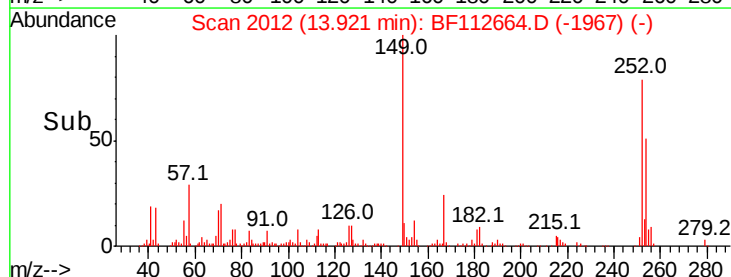
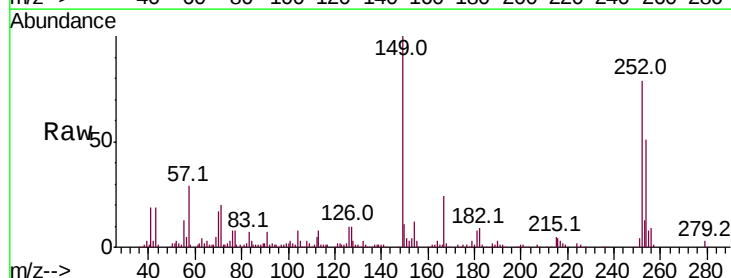
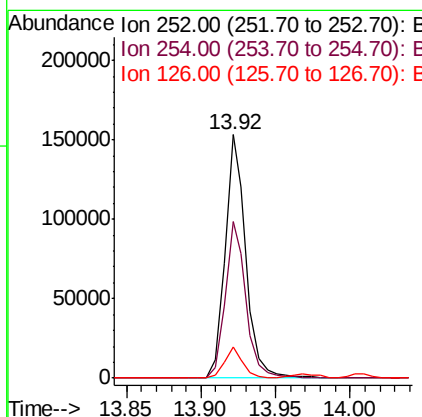
RT: 13.92 min Scan# 2012

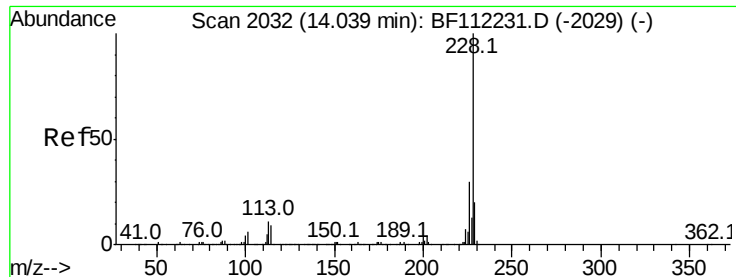
Delta R.T. -0.04 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:	252	Resp:	150407
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.6	77.4
126	12.6	8.6	12.8





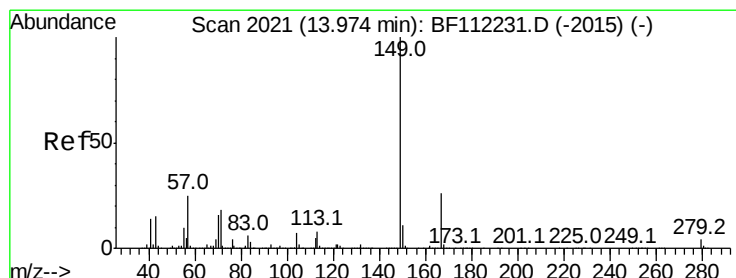
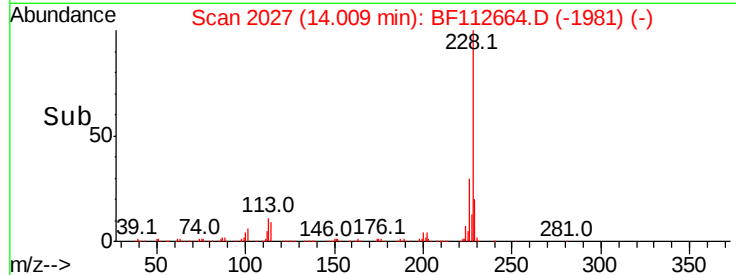
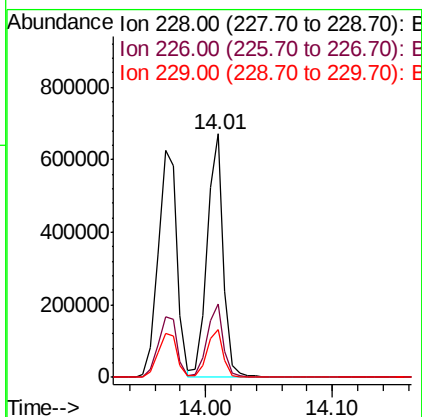
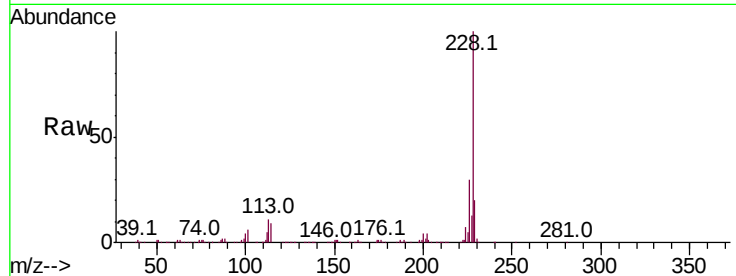
#83
Chrysene
Concen: 41.578 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.03 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.6	16.6	24.8

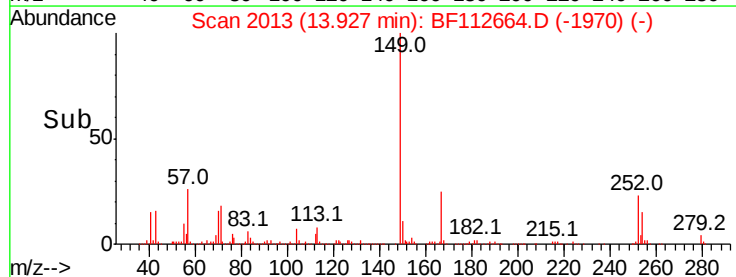
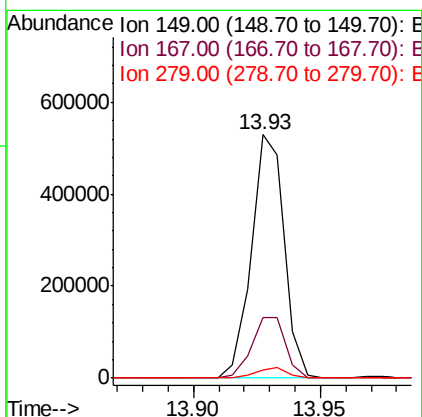
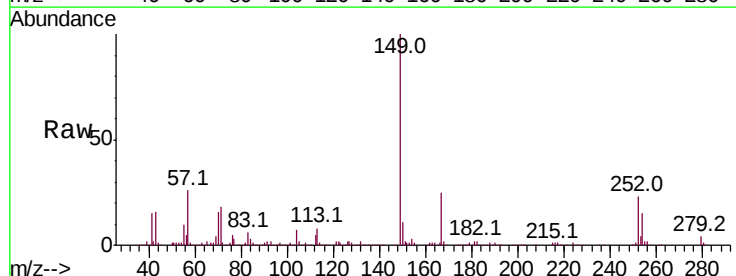
Manual Integrations
APPROVED

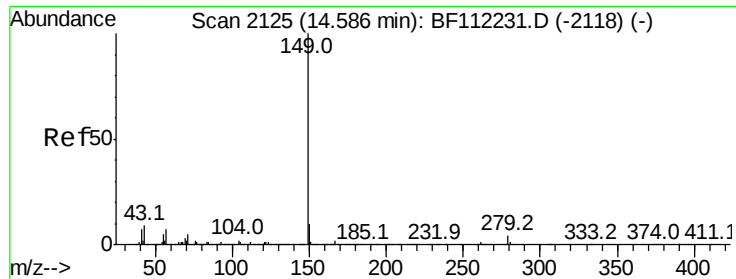
Sohil
2/25/2019 9:20:56 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.285 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.5	33.7
279	3.5	3.8	5.6#





#85

Di-n-octyl phthalate

Concen: 39.407 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.05 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

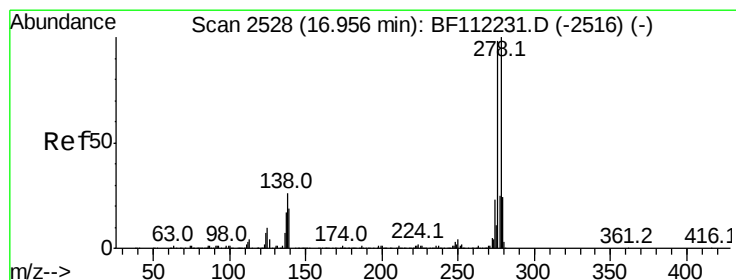
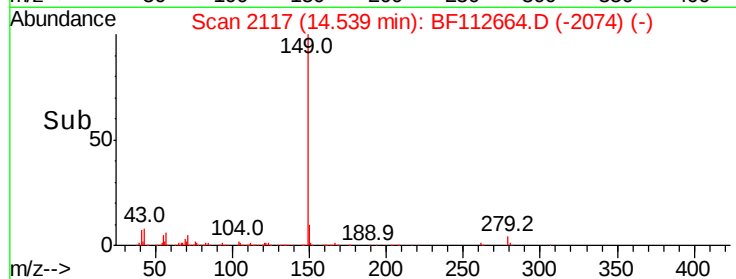
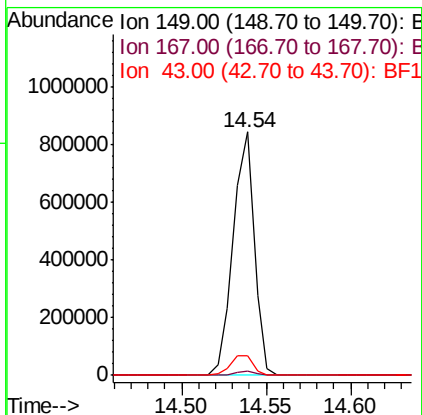
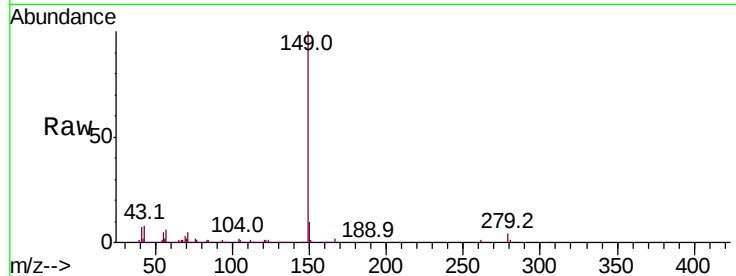
ClientSampleId :

PB117293BS

Tot Ion:	149	Resp:	735067
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.8	7.8	11.6

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.282 ng

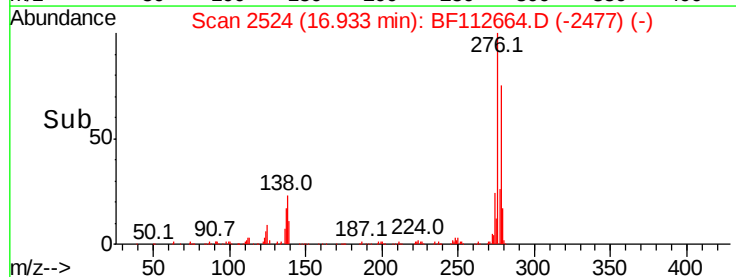
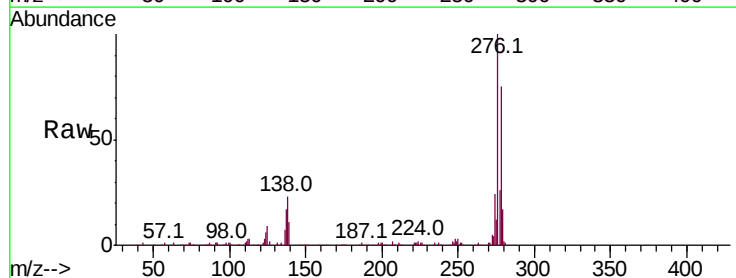
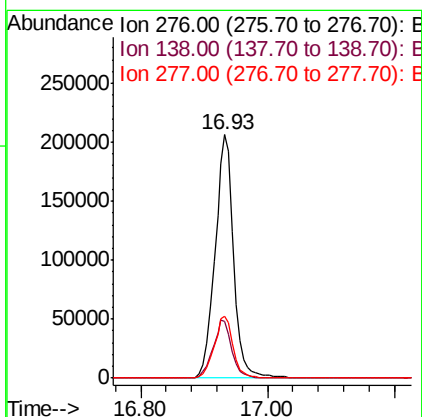
RT: 16.93 min Scan# 2524

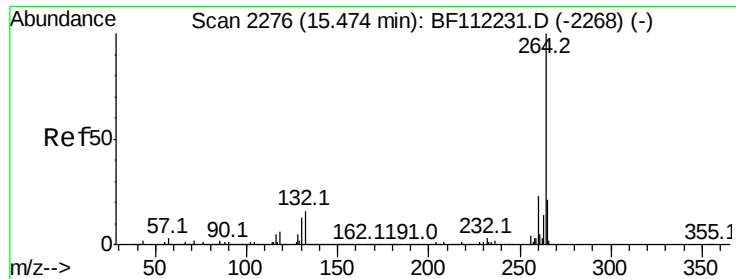
Delta R.T. -0.02 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:	276	Resp:	422674
Ion Ratio	Lower	Upper	
276	100		
138	24.2	22.6	34.0
277	25.9	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

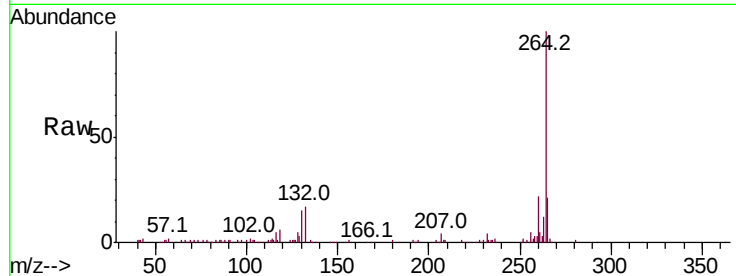
ClientSampled :

PB117293BS

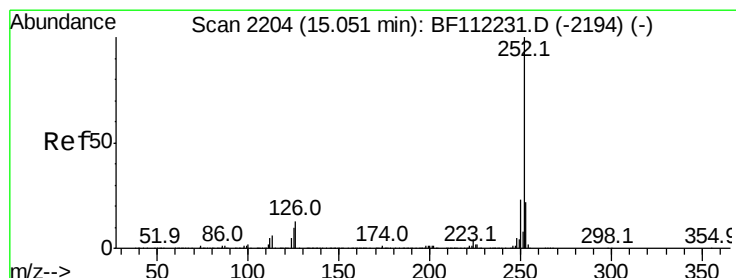
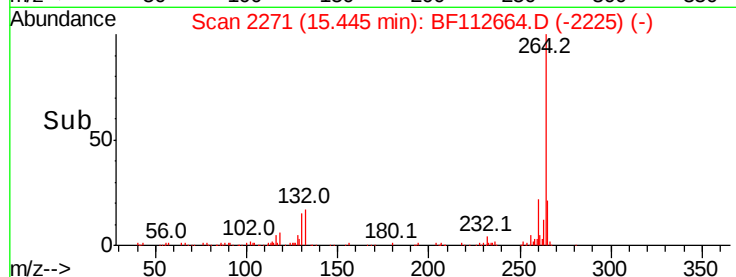
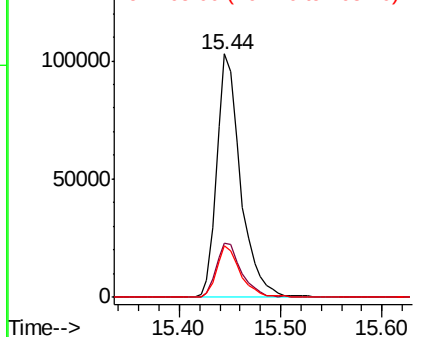
Tot Ion:	264	Resp:	167535
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.2	27.2
265	21.3	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



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: 50.511 ng

RT: 15.02 min Scan# 2199

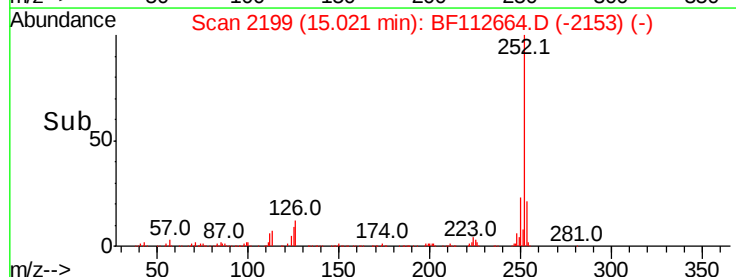
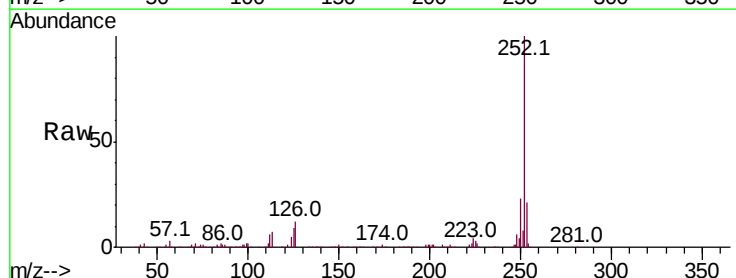
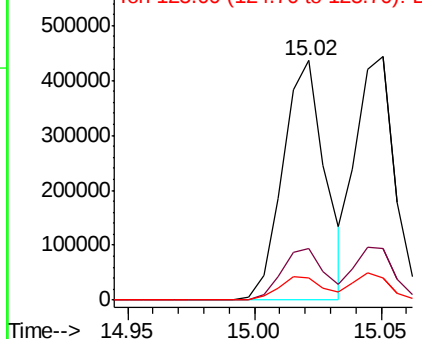
Delta R.T. -0.03 min

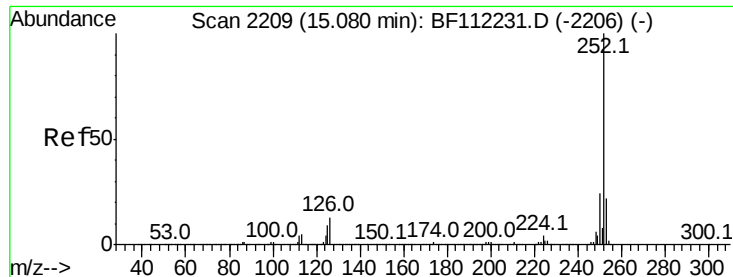
Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:	252	Resp:	506086
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.0	27.0
125	9.4	8.7	13.1

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





#89

Benzo(k)fluoranthene

Concen: 49.691 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Instrument :

BNA_F

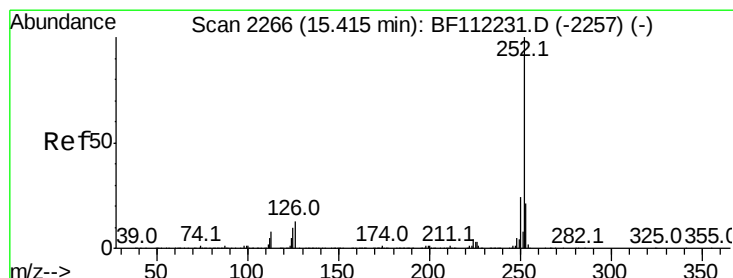
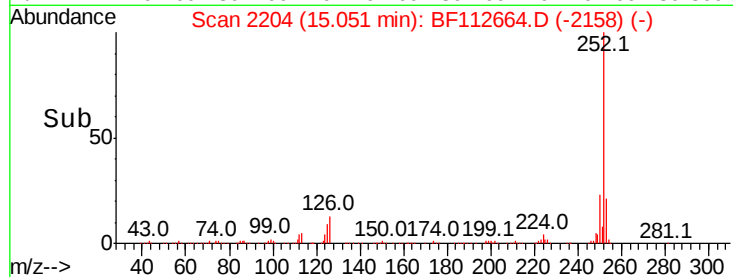
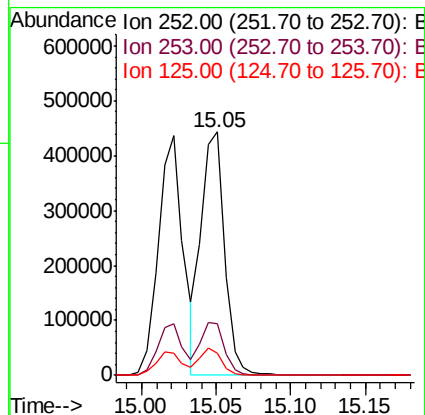
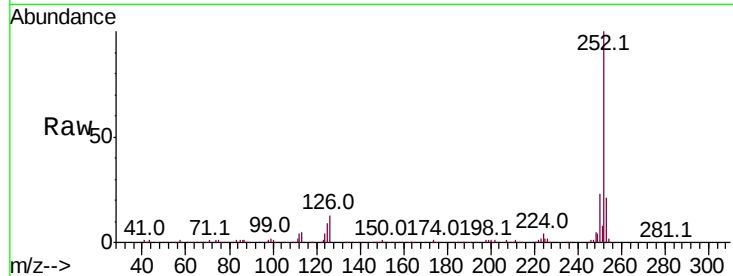
ClientSampleId :

PB117293BS

Tot Ion:	252	Resp:	476888
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	9.2	9.1	13.7

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#90

Benzo(a)pyrene

Concen: 49.095 ng

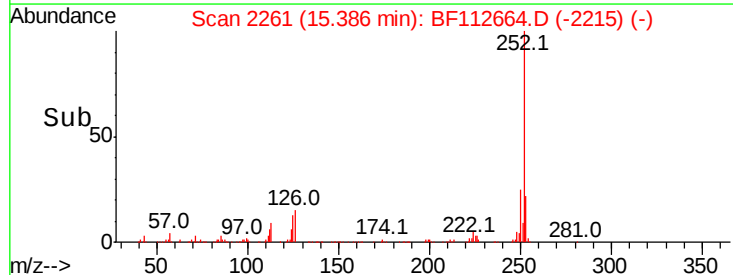
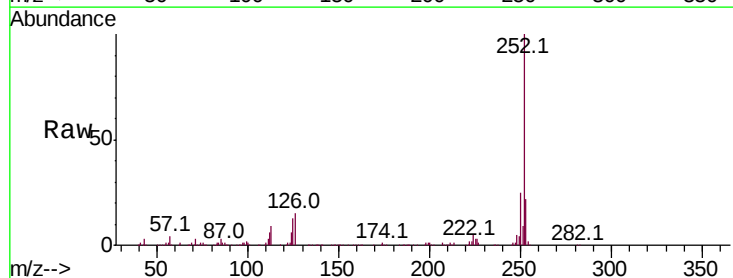
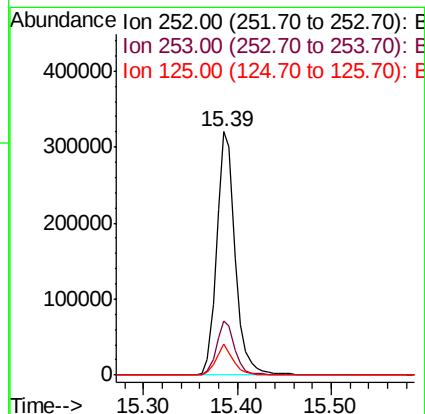
RT: 15.39 min Scan# 2261

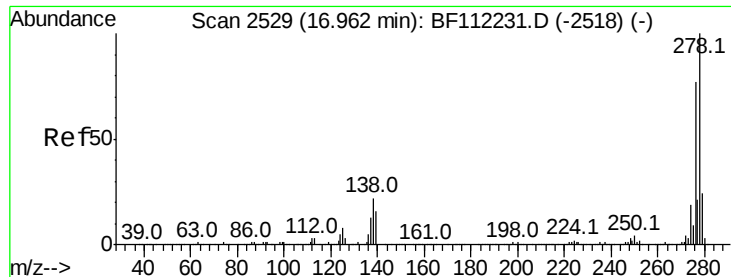
Delta R.T. -0.03 min

Lab File: BF112664.D

Acq: 22 Feb 2019 15:14

Tgt Ion:	252	Resp:	442610
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	12.8	9.0	13.4





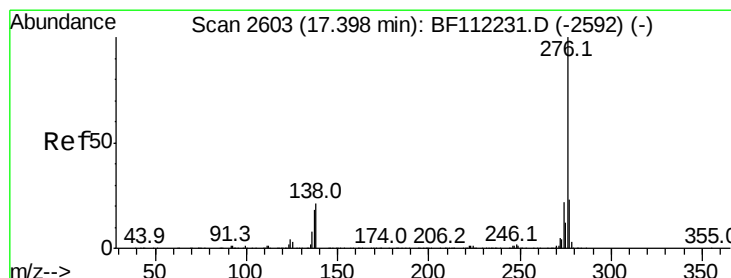
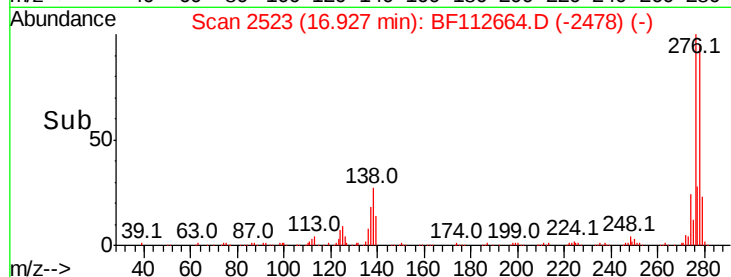
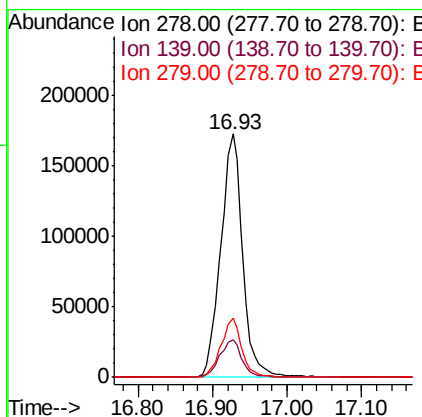
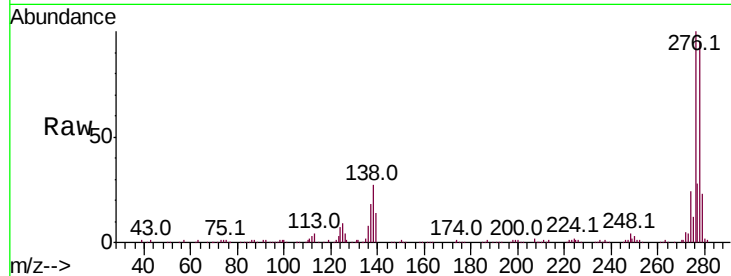
#91
Dibenzo(a,h)anthracene
Concen: 48.656 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.04 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.7	20.5
279	24.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/25/2019 9:20:56 AM



#92
Benzo(g,h,i)perylene
Concen: 50.335 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF112664.D
Acq: 22 Feb 2019 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.6	19.4	29.0
138	20.8	19.1	28.7

