

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107209.D
 Acq On : 7 Jul 2018 16:27
 Operator : JU/SJ
 Sample : J3879-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:32 PM

Quant Time: Jul 09 04:31:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66919	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	248045	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	119512	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	232692	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	152274	20.00	ng	-0.01
86) Perylene-d12	15.69	264	128733	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	471848	119.40	ng	0.00
7) Phenol-d6	6.61	99	589589	119.47	ng	0.00
23) Nitrobenzene-d5	7.52	82	386010	86.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	183108	132.19	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	673364	97.54	ng	-0.02
78) Terphenyl-d14	13.08	244	749800	119.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	56520	27.818	ng	96
3) Pyridine	3.61	79	170427	30.929	ng	97
4) n-Nitrosodimethylamine	3.58	42	74003	31.621	ng	84
6) Aniline	6.62	93	154413	23.066	ng	# 1
8) 2-Chlorophenol	6.75	128	162300	37.443	ng	99
9) Benzaldehyde	6.51	77	73542	18.989	ng	96
10) Phenol	6.62	94	204991	36.396	ng	78
11) bis(2-Chloroethyl)ether	6.69	93	179452	38.594	ng	97
12) 1,3-Dichlorobenzene	6.89	146	191169	37.656	ng	98
13) 1,4-Dichlorobenzene	6.97	146	193494	37.699	ng	99
14) 1,2-Dichlorobenzene	7.12	146	176785	37.583	ng	99
15) Benzyl Alcohol	7.10	79	131422	33.164	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	231732	37.985	ng	# 37
17) 2-Methylphenol	7.22	107	138588	37.361	ng	# 87
18) Hexachloroethane	7.45	117	54951	30.445	ng	# 89
19) n-Nitroso-di-n-propylamine	7.36	70	116012	35.661	ng	94
20) 3+4-Methylphenols	7.37	107	185573	46.898	ng	98
22) Acetophenone	7.36	105	233440	42.066	ng	# 98
24) Nitrobenzene	7.54	77	177617	38.978	ng	97
25) Isophorone	7.77	82	321937	40.932	ng	99
26) 2-Nitrophenol	7.85	139	84384	39.227	ng	93
27) 2,4-Dimethylphenol	7.89	122	150418	45.239	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	214004	40.525	ng	97
29) 2,4-Dichlorophenol	8.11	162	152207	43.725	ng	93
30) 1,2,4-Trichlorobenzene	8.17	180	165151	43.067	ng	97
31) Naphthalene	8.25	128	492682	42.484	ng	99
32) Benzoic acid	7.99	122	10408	9.521	ng	96
33) 4-Chloroaniline	8.32	127	122661	25.208	ng	99
34) Hexachlorobutadiene	8.36	225	108351	43.363	ng	100
35) Caprolactam	8.69	113	46802m	41.246	ng	
36) 4-Chloro-3-methylphenol	8.81	107	145380	39.678	ng	94
37) 2-Methylnaphthalene	8.95	142	348501	45.338	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	178173	44.269	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	9113	4.401	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107209.D
 Acq On : 7 Jul 2018 16:27
 Operator : JU/SJ
 Sample : J3879-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

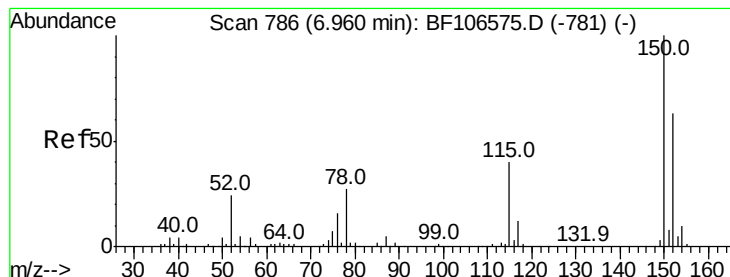
Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:32 PM

Quant Time: Jul 09 04:31:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	100837	37.691	nq	92
43) 2,4,5-Trichlorophenol	9.29	196	98821	35.399	nq #	87
45) 1,1'-Biphenyl	9.41	154	404605	42.480	nq	97
46) 2-Chloronaphthalene	9.44	162	289551	38.621	nq	95
47) 2-Nitroaniline	9.54	65	95777	37.991	nq	93
48) Acenaphthylene	9.86	152	462752	39.095	nq	98
49) Dimethylphthalate	9.71	163	510329	56.934	nq	97
50) 2,6-Dinitrotoluene	9.78	165	74295	39.143	nq	88
51) Acenaphthene	10.03	154	280497	37.632	nq	98
52) 3-Nitroaniline	9.96	138	70038	32.066	nq	93
53) 2,4-Dinitrophenol	10.08	184	13027	17.670	nq #	19
54) Dibenzofuran	10.20	168	417717	40.927	nq	97
55) 4-Nitrophenol	10.14	139	70702	46.375	nq	98
56) 2,4-Dinitrotoluene	10.20	165	90785	36.644	nq #	93
57) Fluorene	10.55	166	338646	41.813	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	88421m	39.845	nq	
59) Diethylphthalate	10.41	149	328359	37.955	nq #	93
60) 4-Chlorophenyl-phenylether	10.53	204	173744	41.000	nq #	85
61) 4-Nitroaniline	10.58	138	80789	37.270	nq	97
62) Azobenzene	10.70	77	304124	35.698	nq	88
64) 4,6-Dinitro-2-methylphenol	10.61	198	23586	16.398	nq #	68
65) n-Nitrosodiphenylamine	10.65	169	282887	36.144	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	118000	42.491	nq #	77
67) Hexachlorobenzene	11.10	284	120792	41.558	nq #	86
68) Atrazine	11.18	200	97985	39.381	nq	96
69) Pentachlorophenol	11.30	266	64553	44.511	nq	99
70) Phenanthrene	11.52	178	632171	56.327	nq	99
71) Anthracene	11.57	178	580142	50.643	nq	99
72) Carbazole	11.72	167	434547	40.516	nq	99
73) Di-n-butylphthalate	12.03	149	505130	39.978	nq	100
74) Fluoranthene	12.72	202	864782	69.908	nq	94
76) Benzidine	12.83	184	122630	28.277	nq	97
77) Pyrene	12.95	202	873515	86.991	nq	98
79) Butylbenzylphthalate	13.54	149	196501	47.596	nq #	88
80) Benzo(a)anthracene	14.14	228	738627	79.588	nq	98
81) 3,3'-Dichlorobenzidine	14.09	252	101707	31.181	nq #	96
82) Chrysene	14.18	228	803440	94.100	nq	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	265971	50.390	nq #	97
84) Di-n-octyl phthalate	14.72	149	394508	45.853	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.31	276	395221	54.545	nq #	87
87) Benzo(b)fluoranthene	15.24	252	614461	76.838	nq #	96
88) Benzo(k)fluoranthene	15.27	252	435927	57.243	nq #	95
89) Benzo(a)pyrene	15.64	252	479987m	67.518	nq	
90) Dibenzo(a,h)anthracene	17.31	278	265207	44.019	nq #	93
91) Benzo(g,h,i)perylene	17.79	276	341889	58.058	nq #	89

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



#1

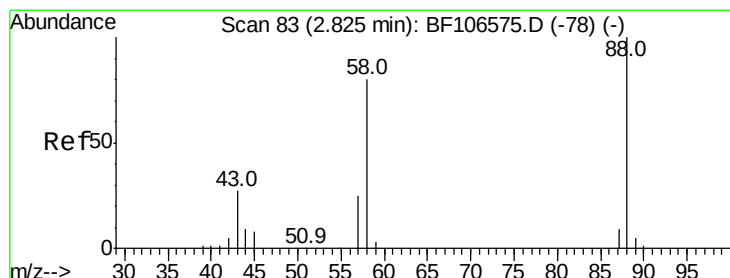
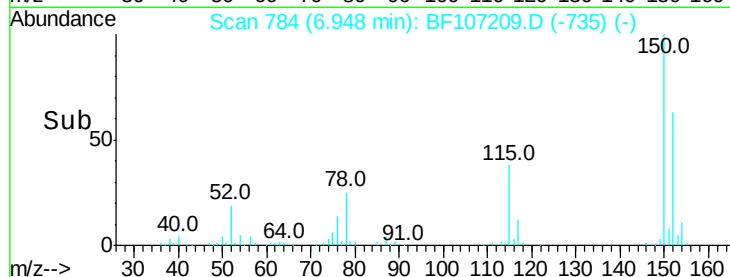
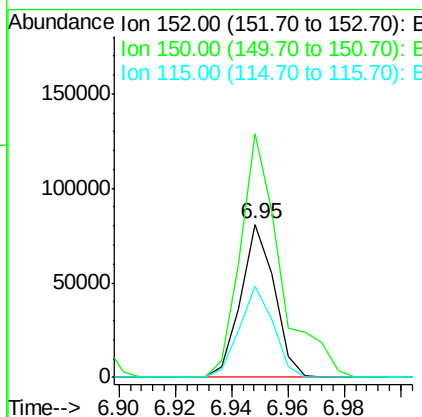
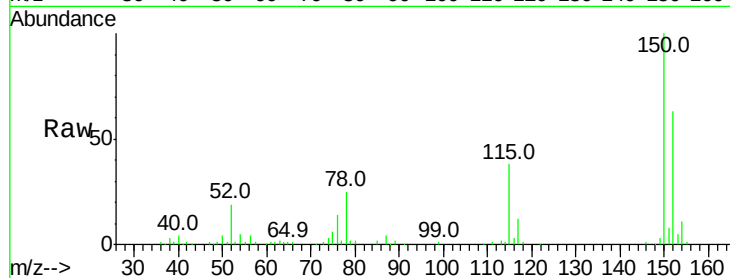
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
APPROVED

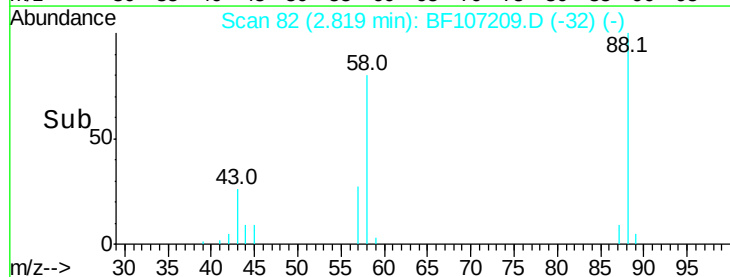
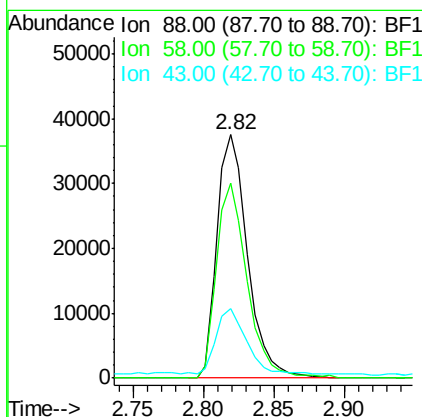
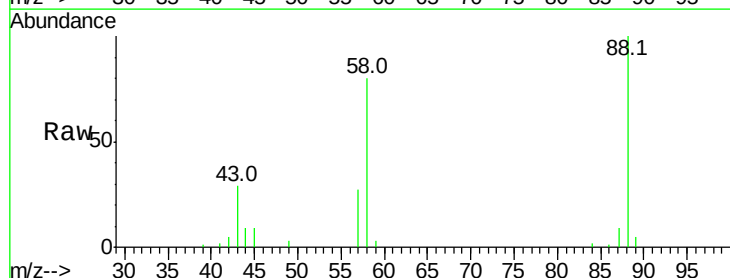
Sohil
7/9/2018 2:06:32 PM

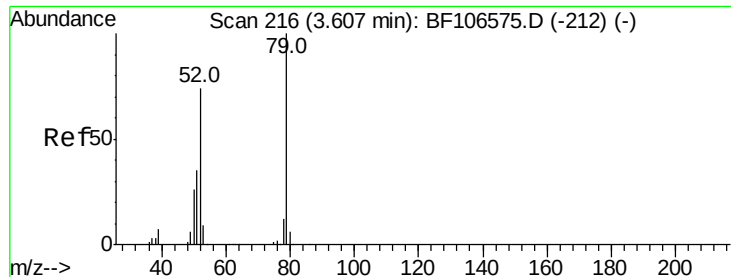


#2

1,4-Dioxane
Concen: 27.818 ng
RT: 2.82 min Scan# 82
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	62.6	93.8
43	27.0	24.6	37.0





#3

Pvridine

Concen: 30.929 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

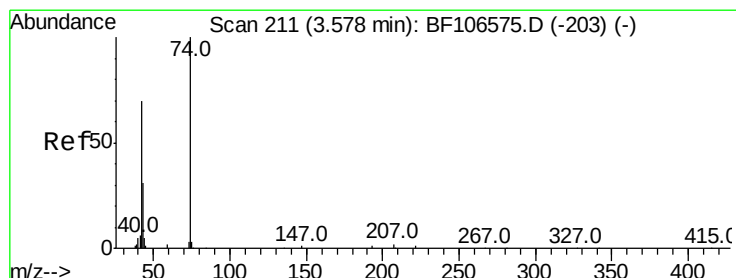
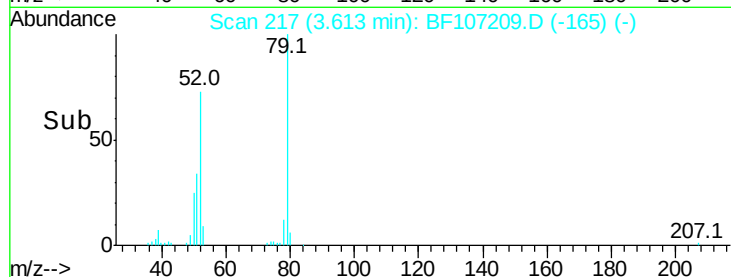
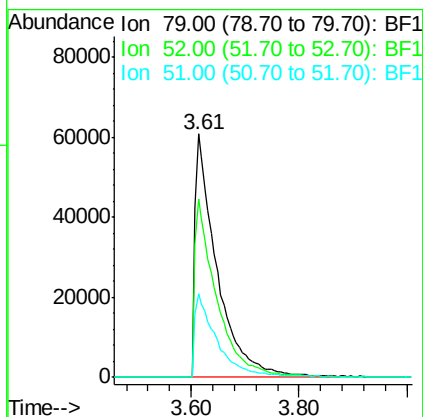
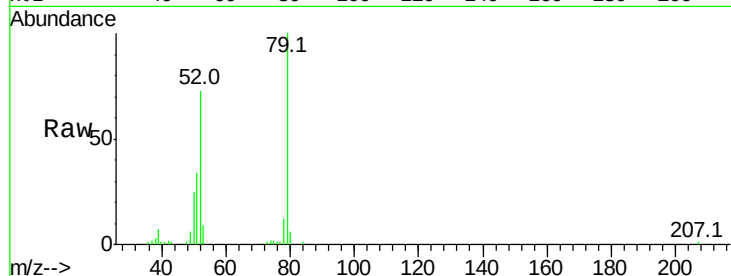
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	79	Resp:	170427
Ion Ratio	Lower	Upper	
79	100		
52	73.2	59.8	89.6
51	34.1	29.8	44.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#4

n-Nitrosodimethylamine

Concen: 31.621 ng

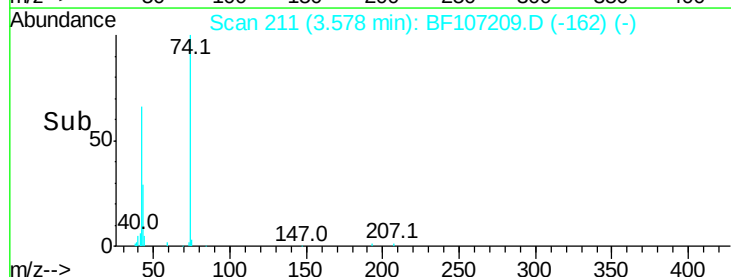
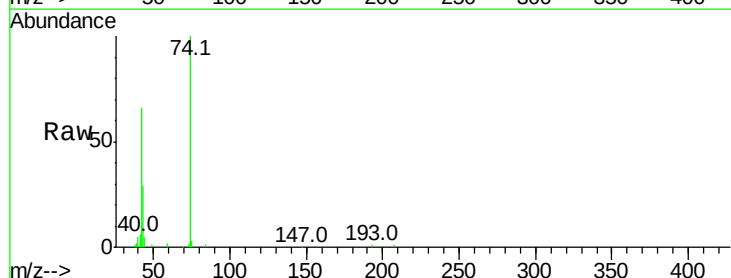
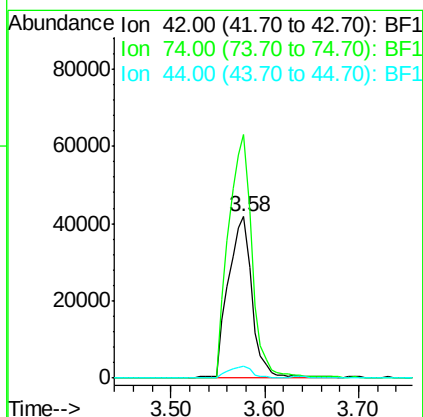
RT: 3.58 min Scan# 211

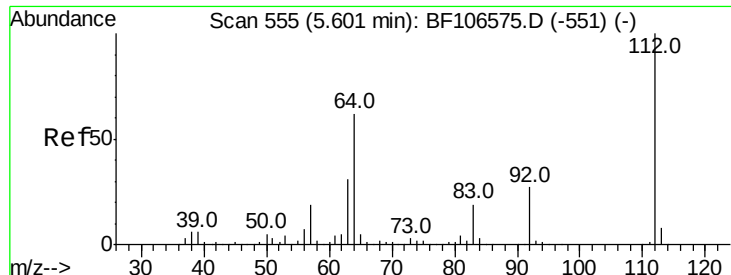
Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	42	Resp:	74003
Ion Ratio	Lower	Upper	
42	100		
74	150.9	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 119.396 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

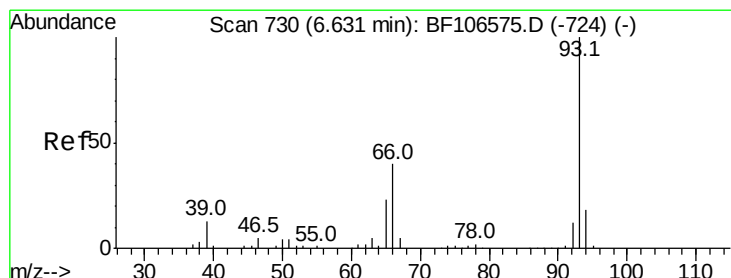
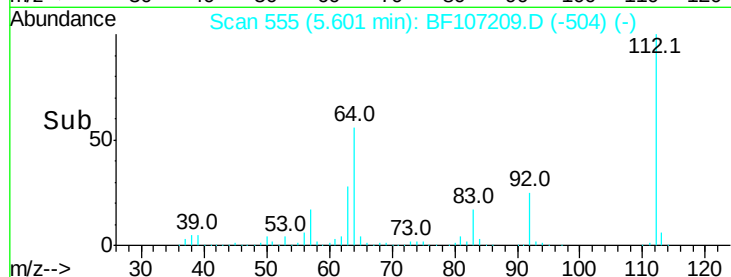
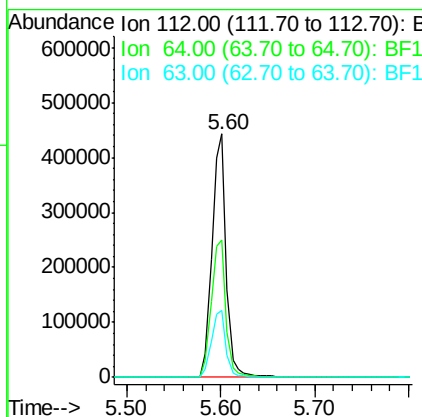
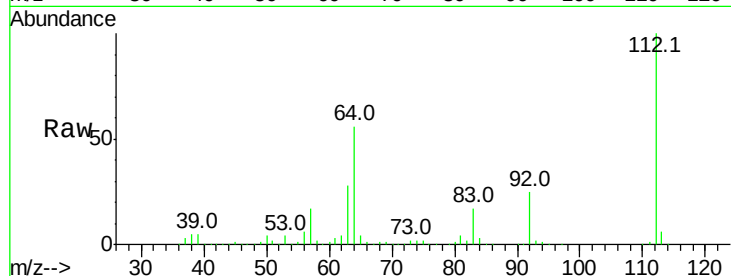
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	112	Resp:	471848
Ion Ratio	Lower	Upper	
112	100		
64	56.2	47.9	71.9
63	27.6	23.7	35.5

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#6

Aniline

Concen: 23.066 ng

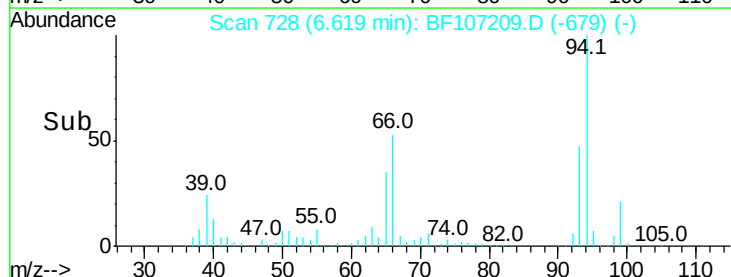
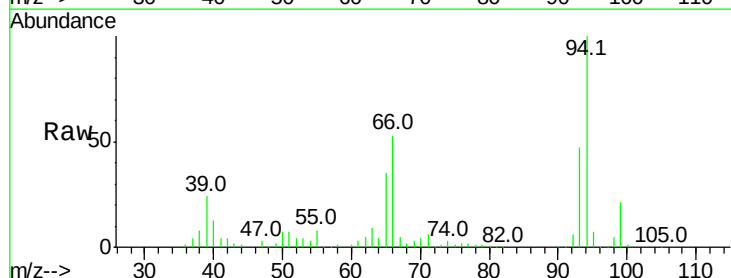
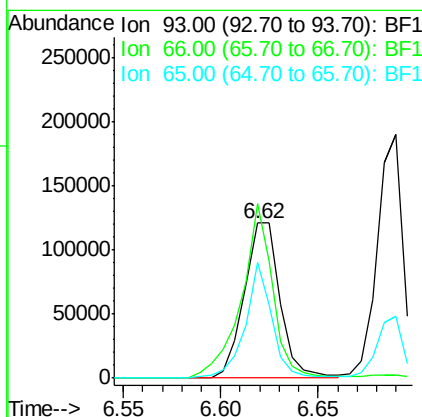
RT: 6.62 min Scan# 728

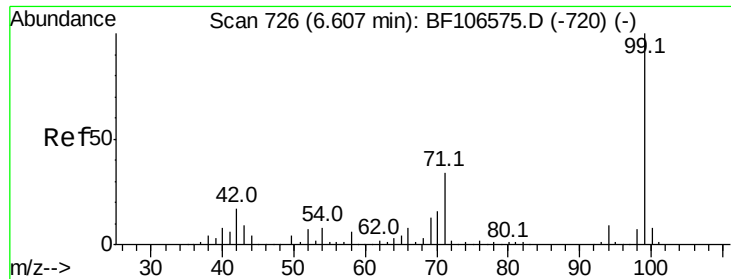
Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	93	Resp:	154413
Ion Ratio	Lower	Upper	
93	100		
66	113.0	32.2	48.2#
65	74.6	16.4	24.6#





#7

Phenol-d6

Concen: 119.466 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

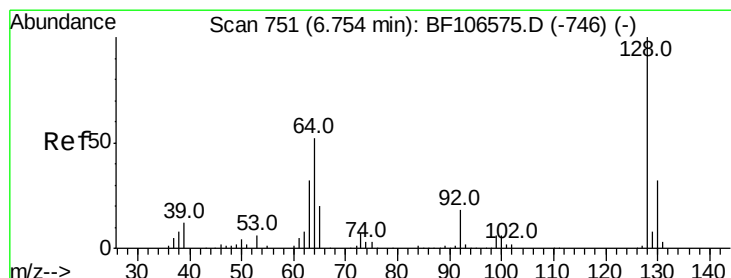
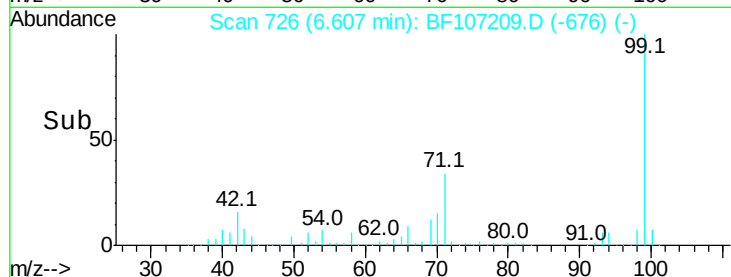
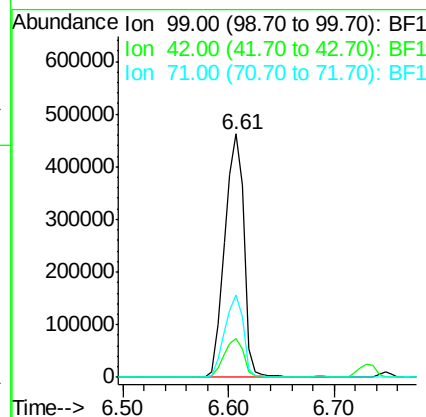
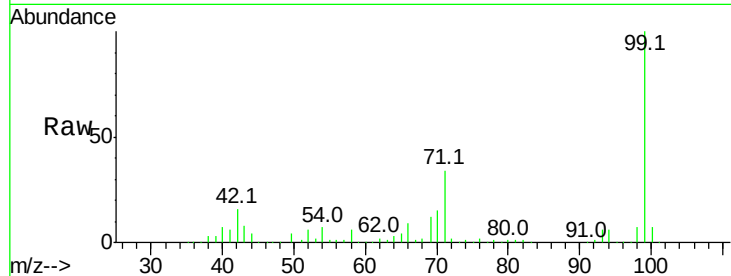
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	99	Resp:	589589
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	34.0	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#8

2-Chlorophenol

Concen: 37.443 ng

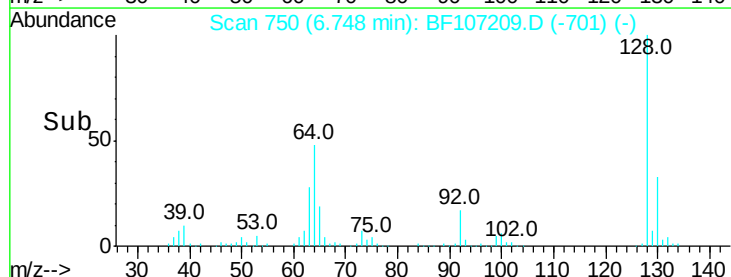
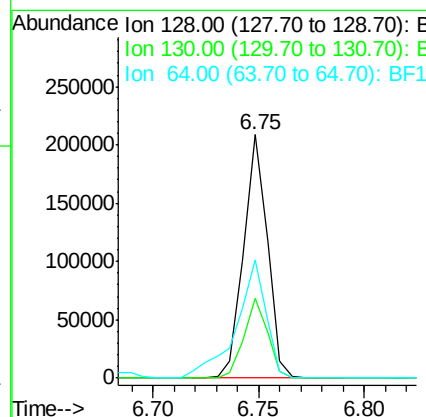
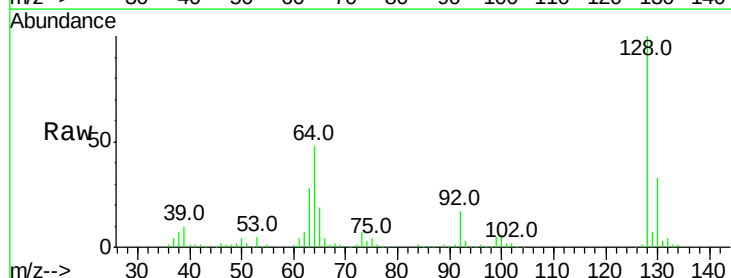
RT: 6.75 min Scan# 750

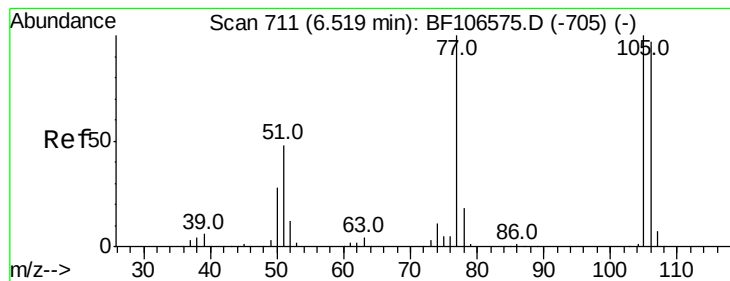
Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	128	Resp:	162300
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.0	53.0
64	48.3	29.4	69.4





#9

Benzaldehyde

Concen: 18.989 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

ClientSampleID :

SURCHARGE-SP-1MS

Tot Ion: 77 Resp: 73542

Ion Ratio Lower Upper

77 100

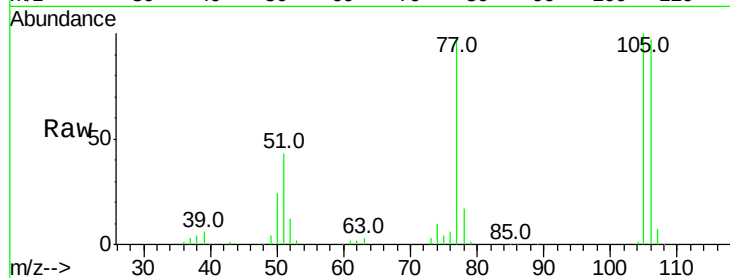
105 103.6 81.1 121.1

106 100.3 74.5 114.5

Manual Integrations
APPROVED

Sohil

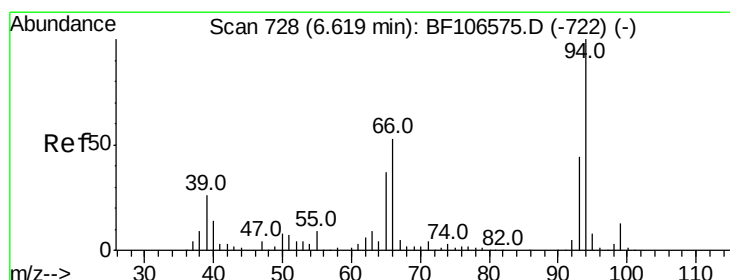
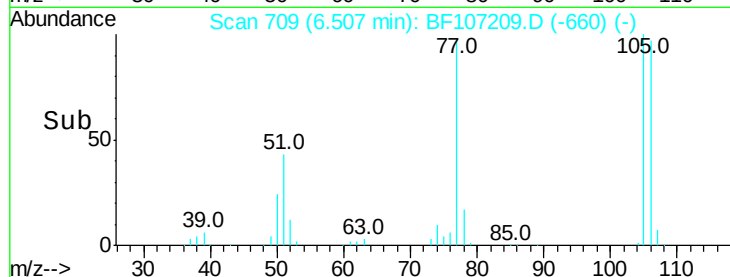
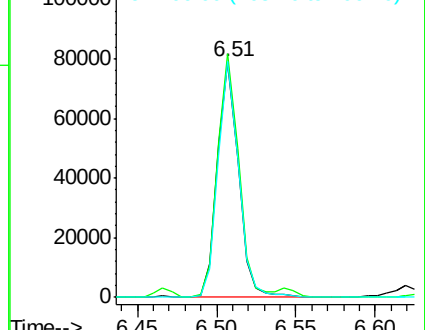
7/9/2018 2:06:32 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.396 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

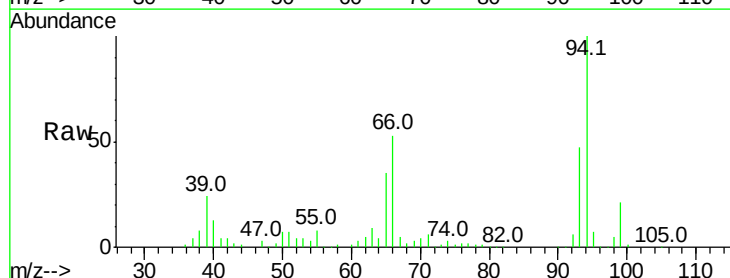
Tgt Ion: 94 Resp: 204991

Ion Ratio Lower Upper

94 100

65 34.8 7.9 47.9

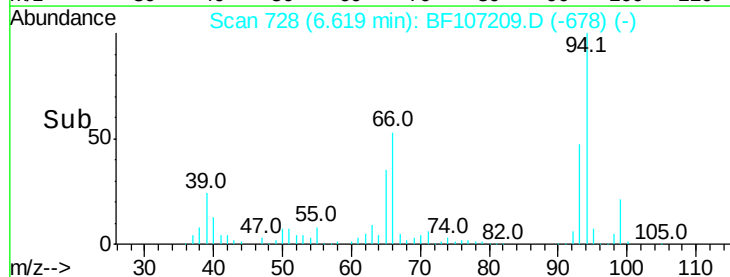
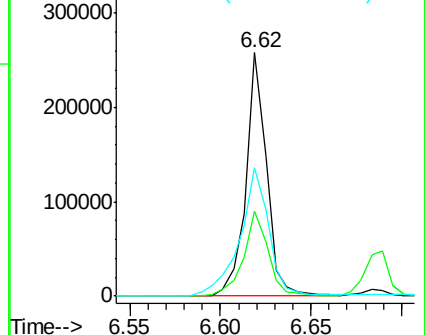
66 52.8 16.2 56.2

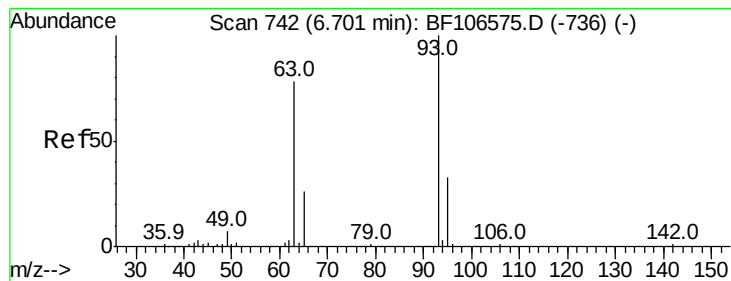


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





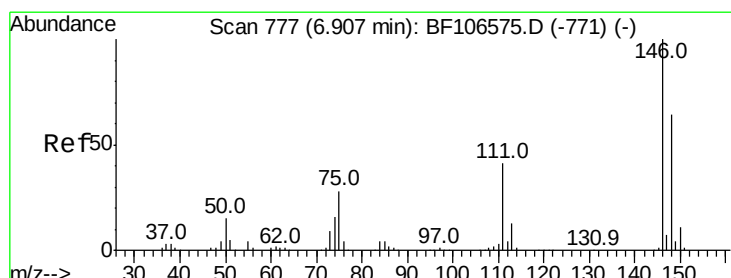
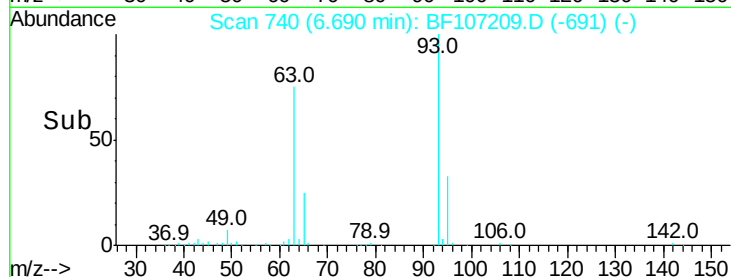
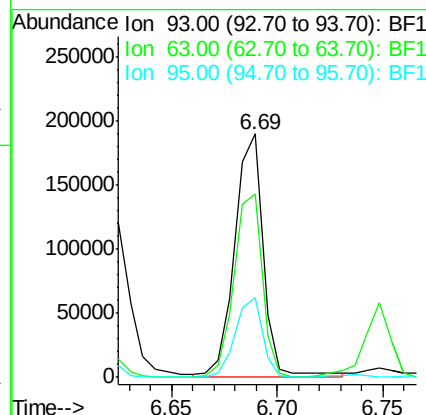
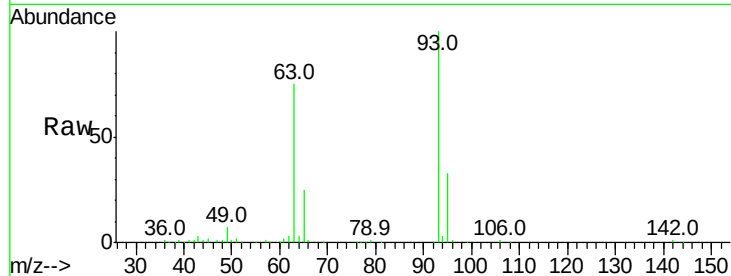
#11
bis(2-Chloroethyl)ether
Concen: 38.594 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	58.6	98.6
95	32.8	11.8	51.8

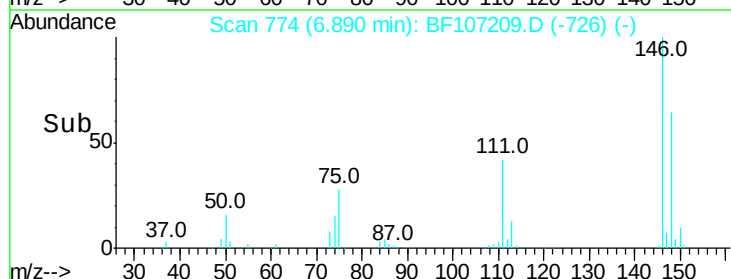
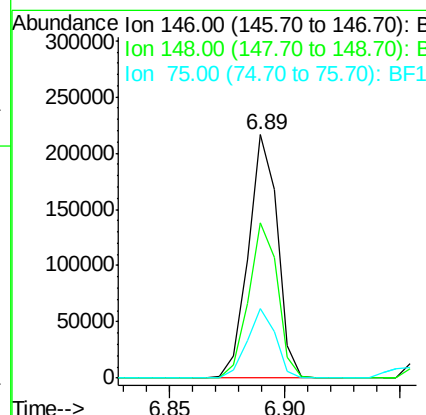
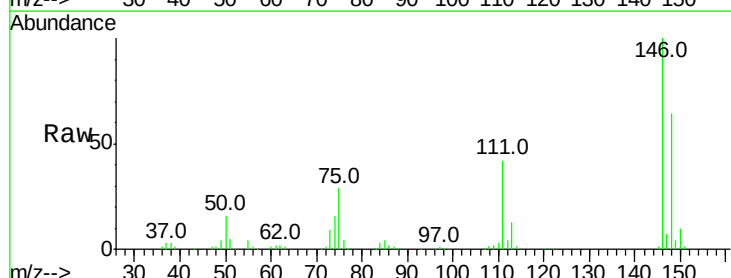
Manual Integrations
APPROVED

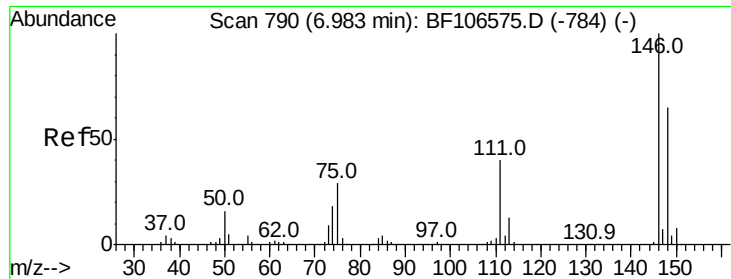
Sohil
7/9/2018 2:06:32 PM



#12
1,3-Dichlorobenzene
Concen: 37.656 ng
RT: 6.89 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	28.6	24.2	36.4





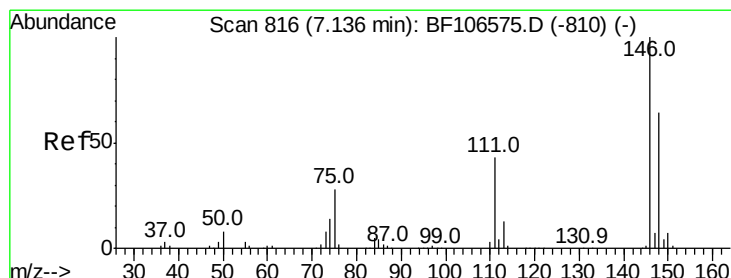
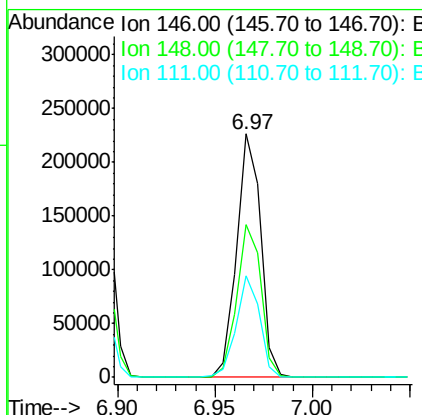
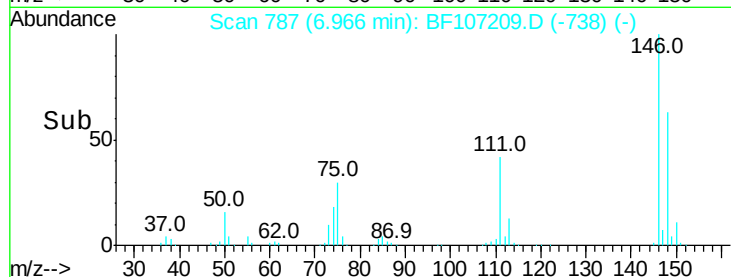
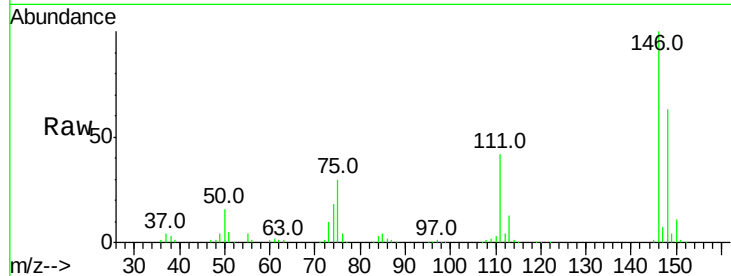
#13
 1,4-Dichlorobenzene
 Concen: 37.699 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	41.8	34.2	51.2

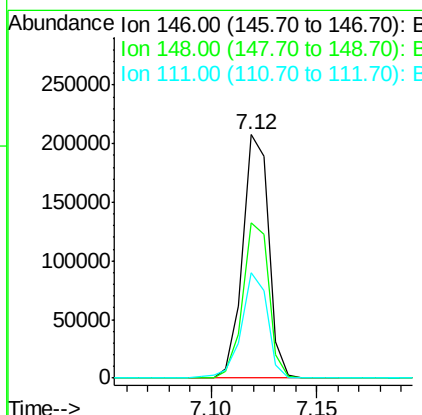
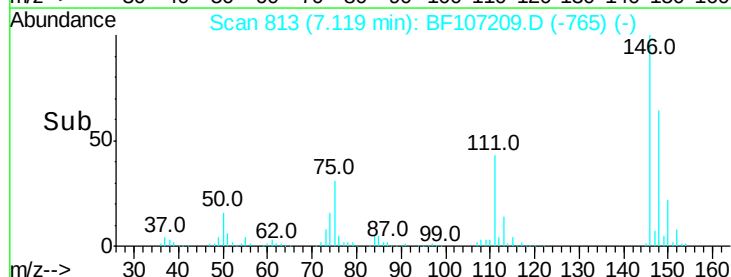
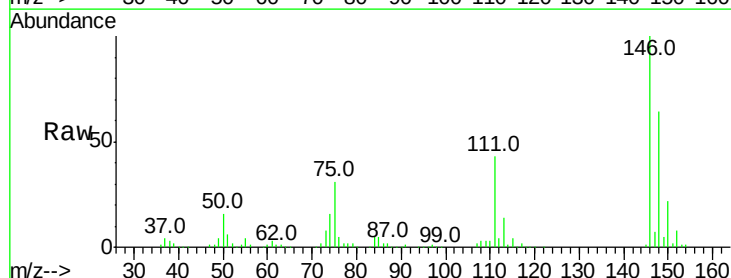
Manual Integrations
 APPROVED

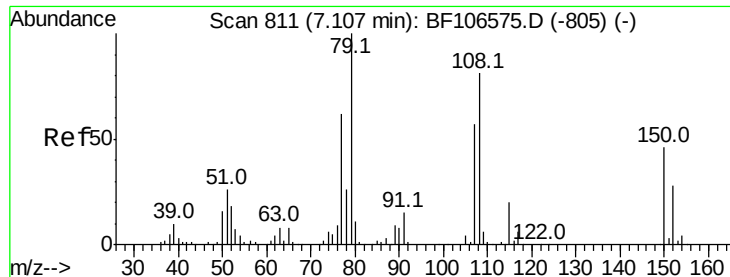
Sohil
 7/9/2018 2:06:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.583 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	43.2	36.0	54.0





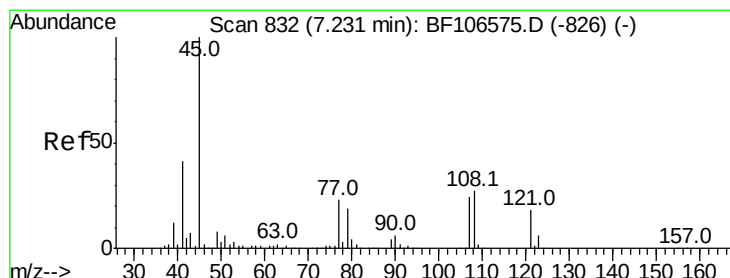
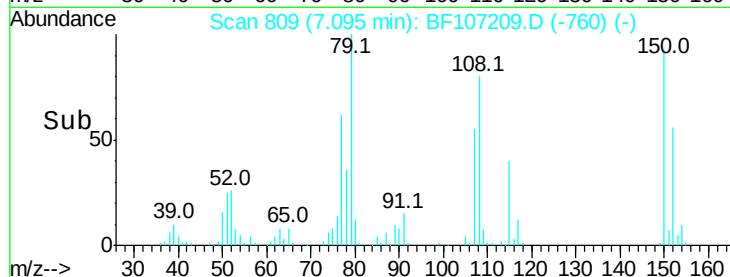
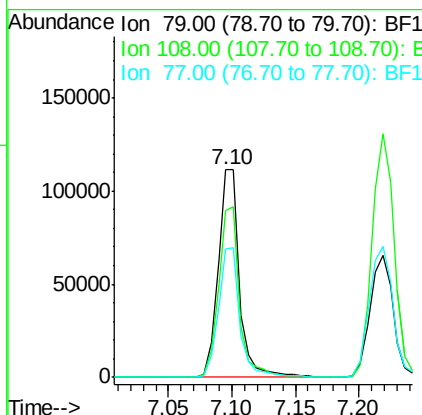
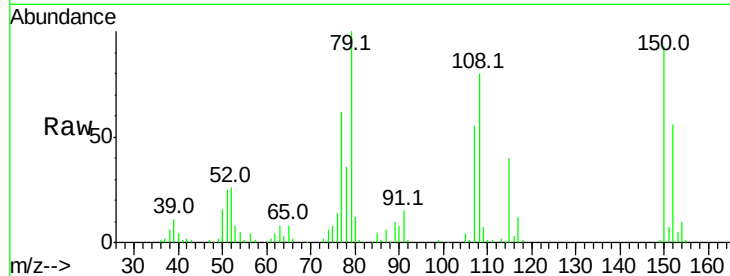
#15
Benzyl Alcohol
Concen: 33.164 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	65.1	97.7
77	62.0	50.6	75.8

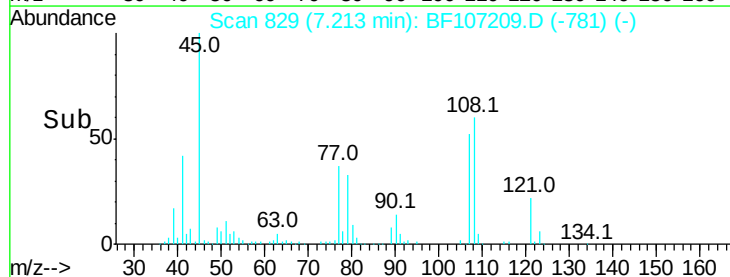
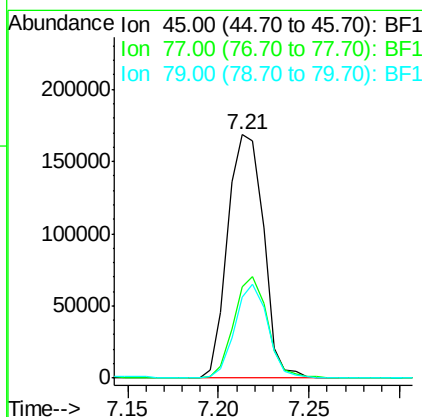
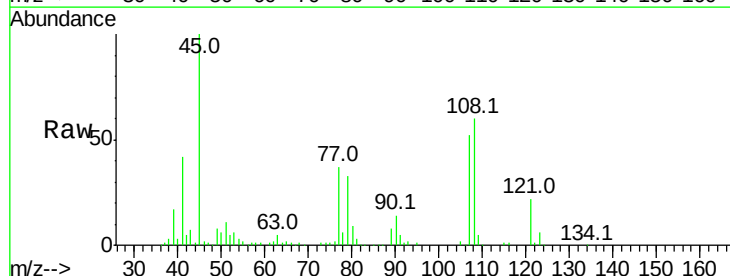
Manual Integrations
APPROVED

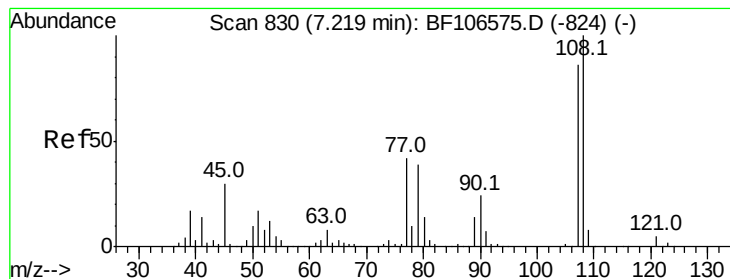
Sohil
7/9/2018 2:06:32 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.985 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.4	0.0	32.9#
79	33.5	0.0	29.6#





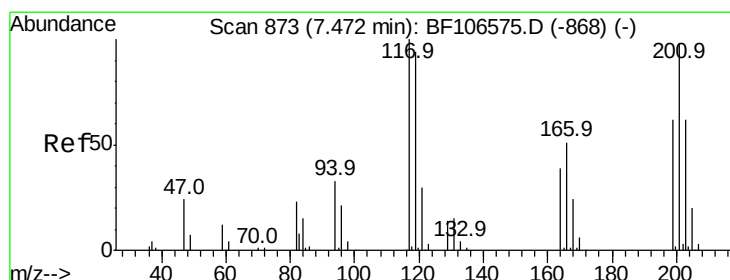
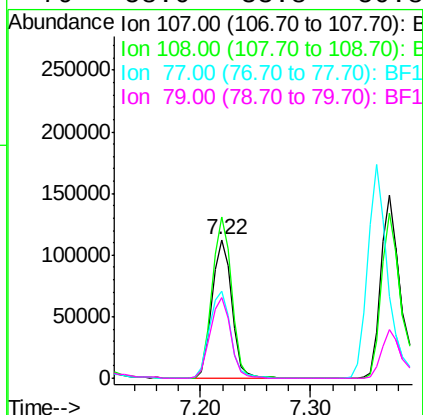
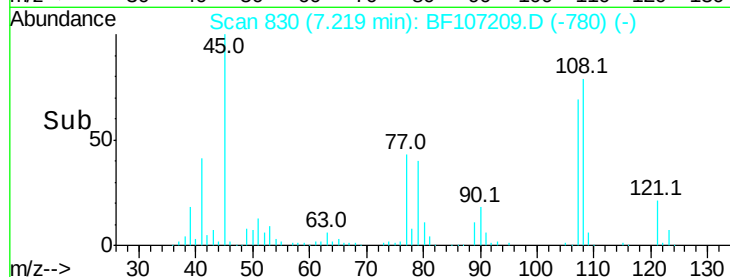
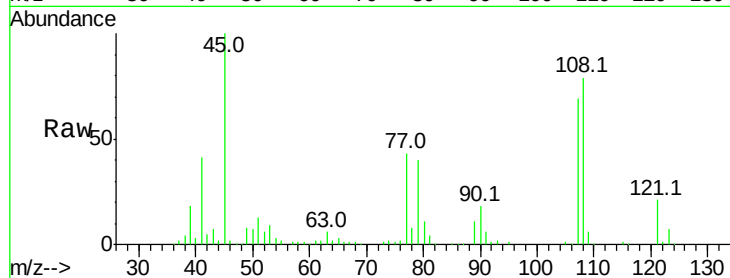
#17
2-Methylphenol
Concen: 37.361 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.7	137.5
77	62.4	33.8	50.8#
79	58.0	33.8	50.8#

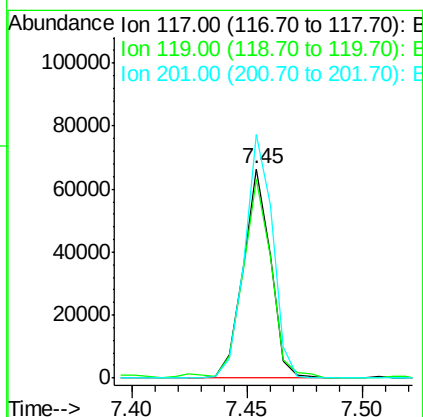
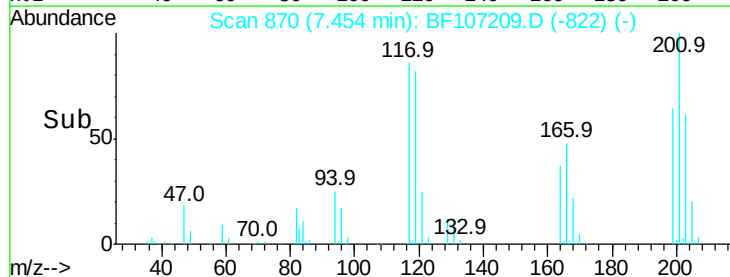
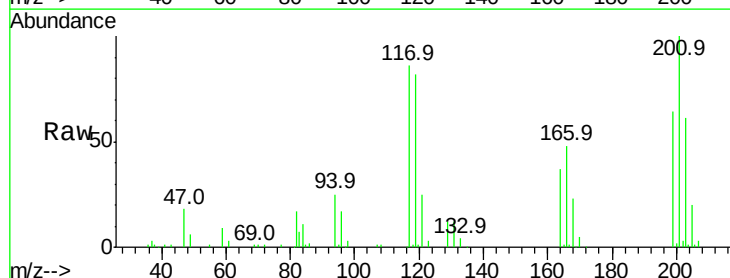
Manual Integrations
APPROVED

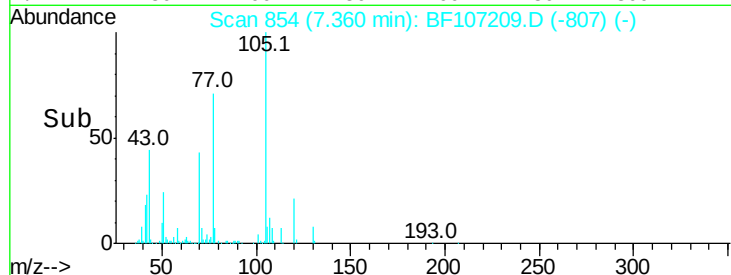
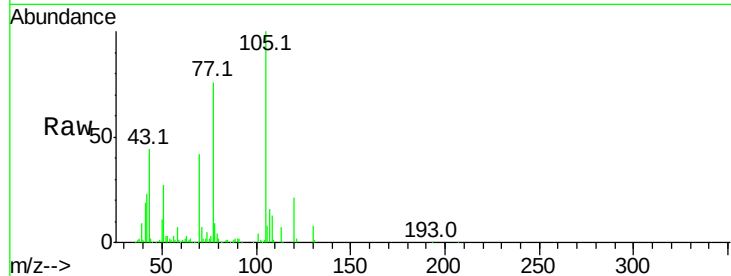
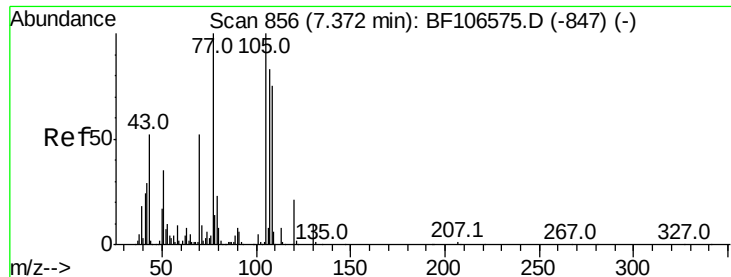
Sohil
7/9/2018 2:06:32 PM



#18
Hexachloroethane
Concen: 30.445 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	116.3	75.7	113.5#





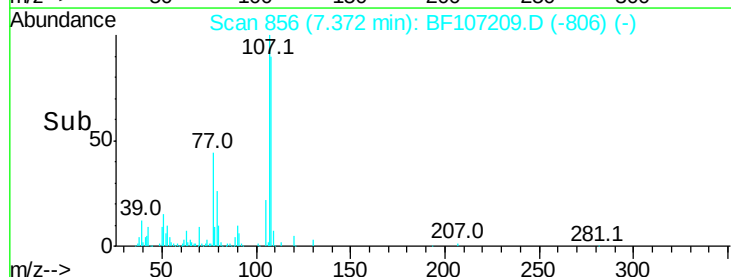
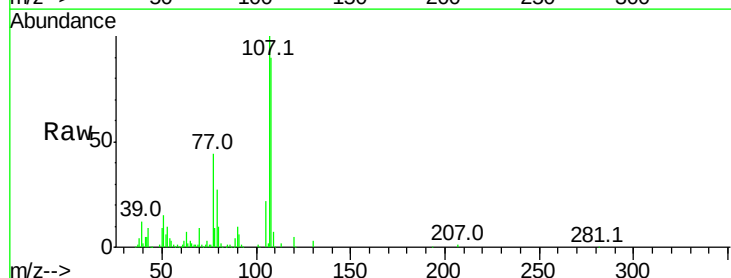
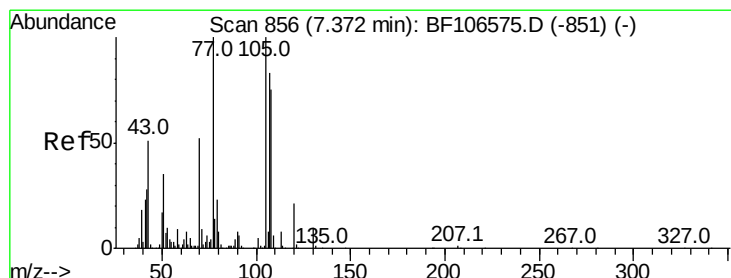
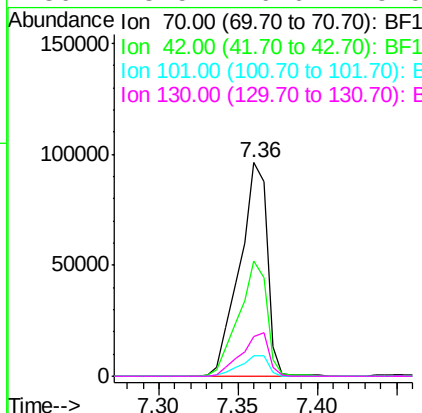
#19
n-Nitroso-di-n-propylamine
Concen: 35.661 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	70	Resp	116012
Ion Ratio	Lower	Upper	
70	100		
42	54.0	47.5	71.3
101	9.6	7.4	11.2
130	18.5	16.6	25.0

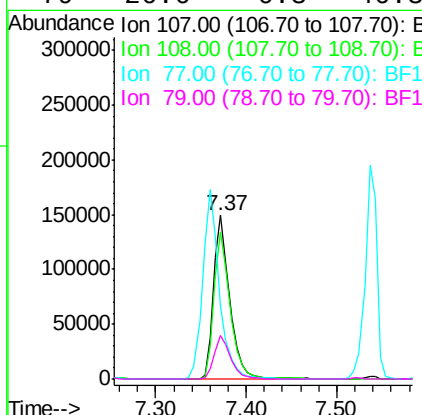
Manual Integrations
APPROVED

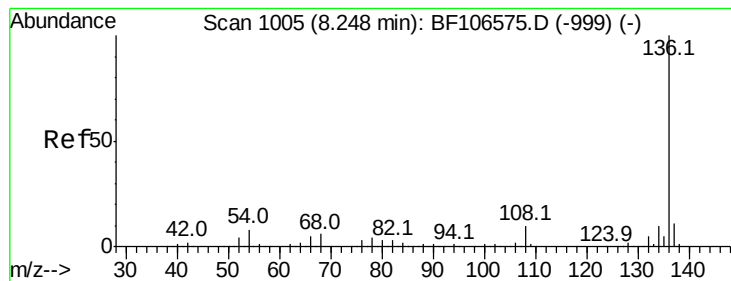
Sohil
7/9/2018 2:06:32 PM



#20
3+4-Methylphenols
Concen: 46.898 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	107	Resp	185573
Ion Ratio	Lower	Upper	
107	100		
108	90.2	68.2	108.2
77	44.3	26.7	66.7
79	26.6	6.3	46.3





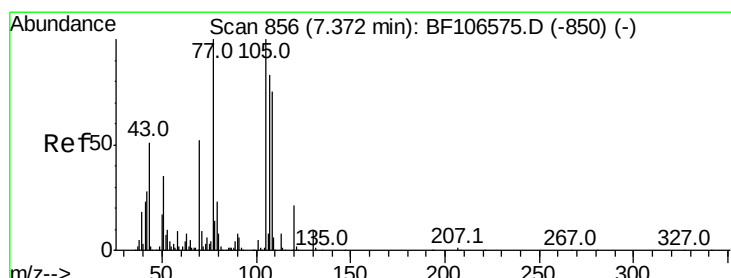
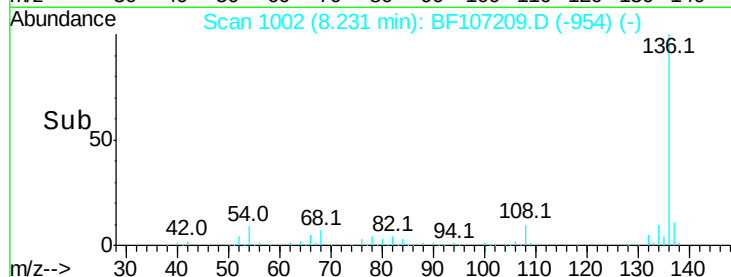
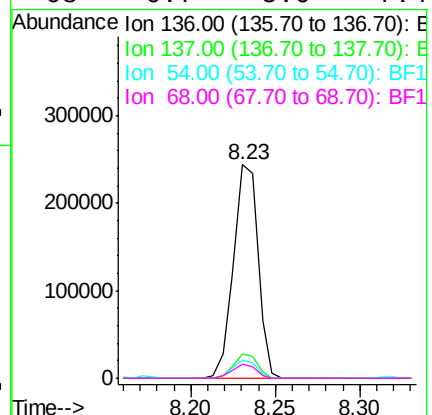
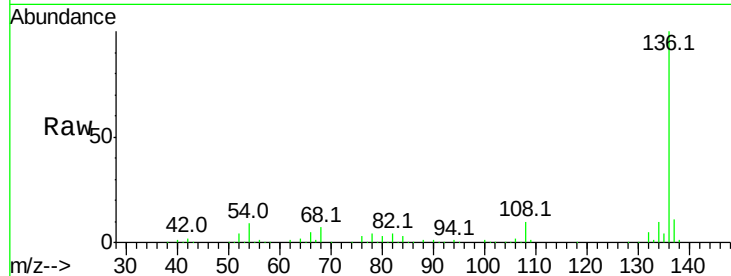
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	248045		
137	11.3		8.9	13.3
54	8.6		6.6	9.8
68	6.7		5.0	7.4

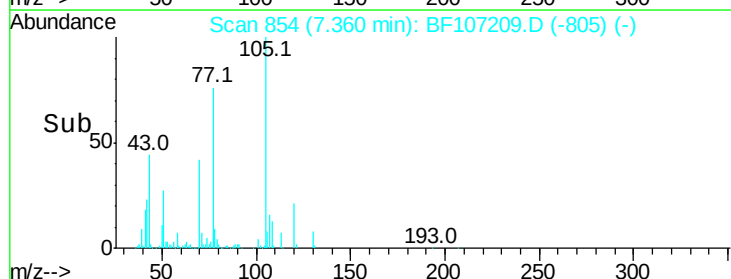
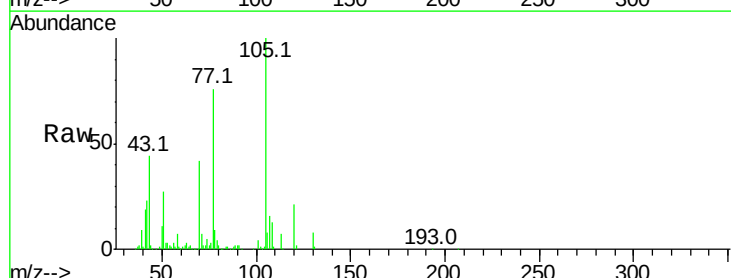
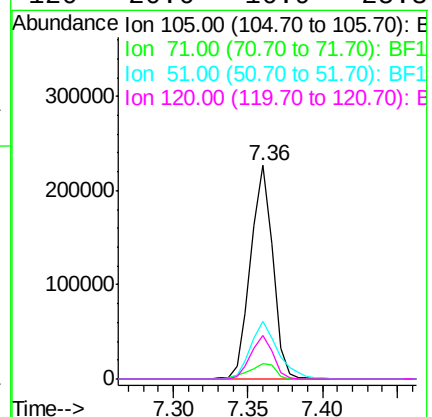
Manual Integrations
APPROVED

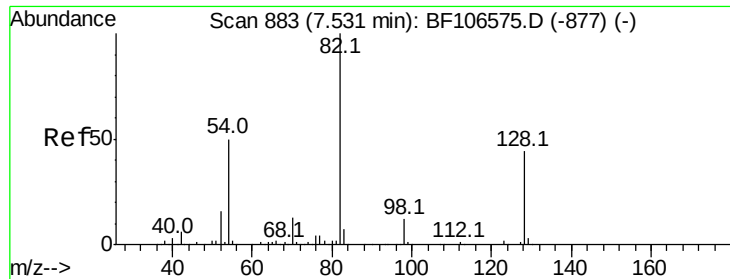
Sohil
7/9/2018 2:06:32 PM



#22
Acetophenone
Concen: 42.066 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233440		
71	7.2		4.4	6.6#
51	26.7		22.3	33.5
120	20.6		16.9	25.3





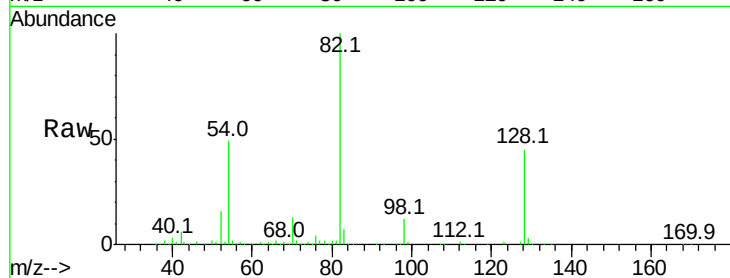
#23
Nitrobenzene-d5
Concen: 86.484 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

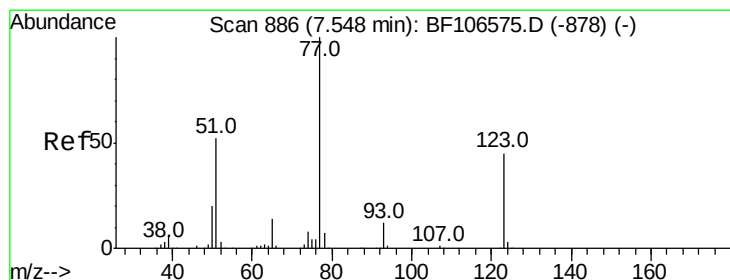
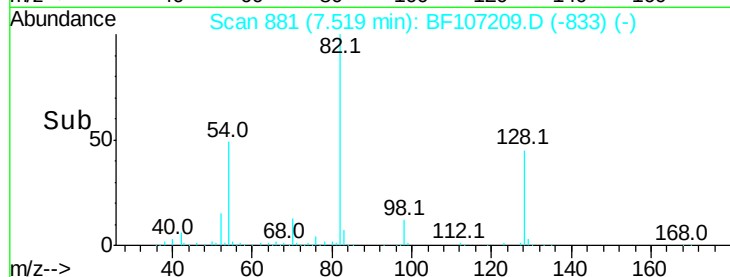
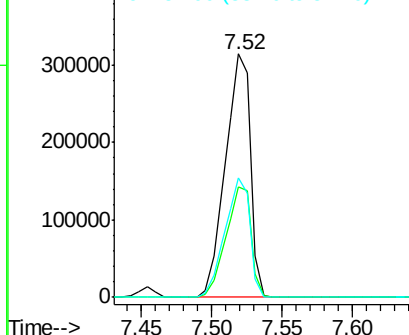
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	36.1	54.1	
54	49.0	41.4	62.2	

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM

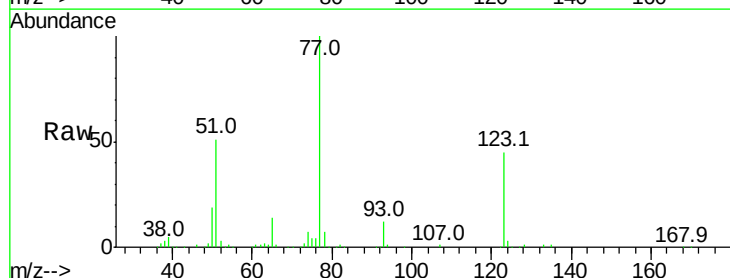


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

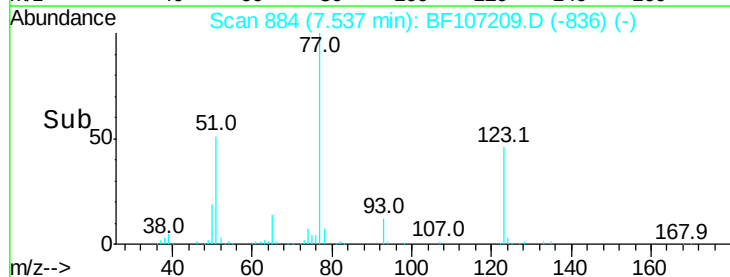
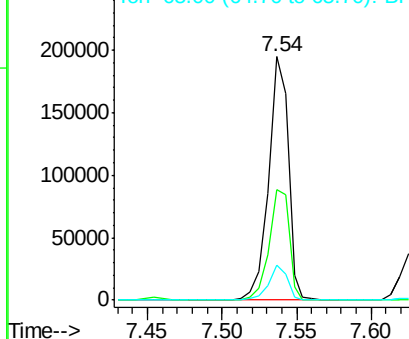


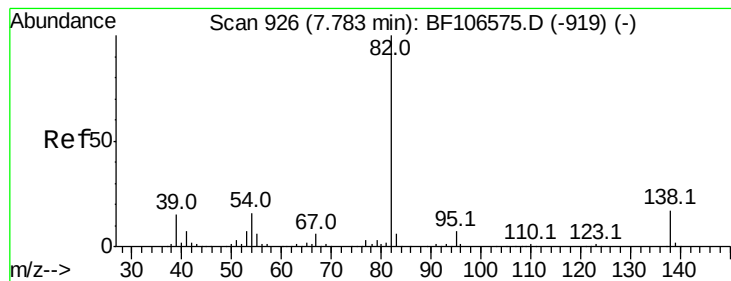
#24
Nitrobenzene
Concen: 38.978 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.3	37.9	56.9	
65	14.4	11.0	16.4	



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.932 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

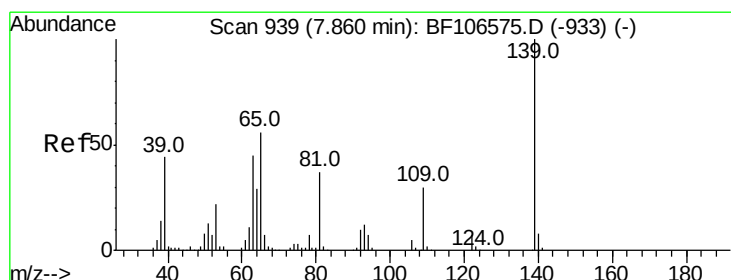
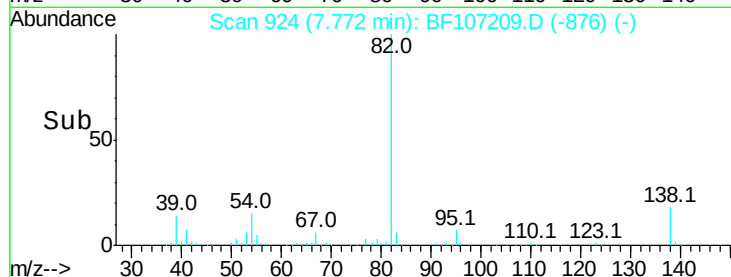
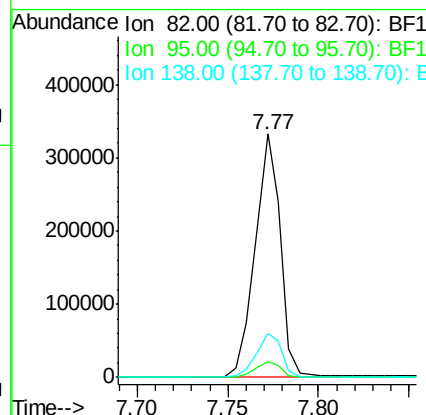
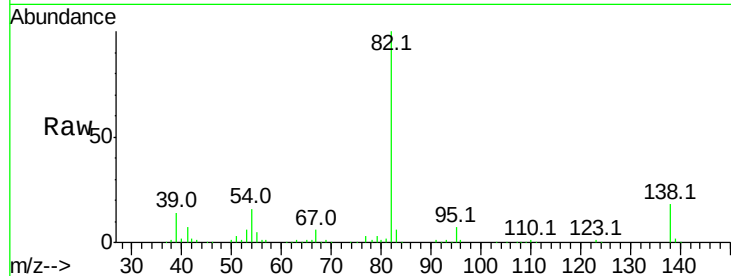
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	82	Resp:	321937
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.8	14.9	22.3

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#26

2-Nitrophenol

Concen: 39.227 ng

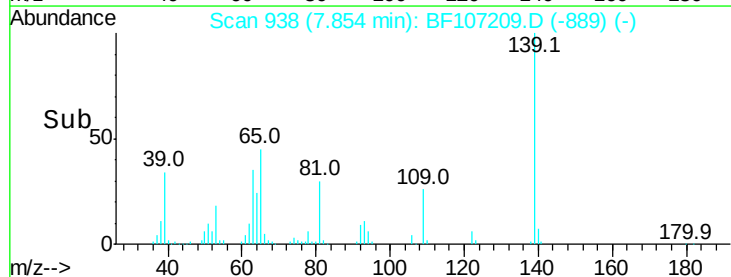
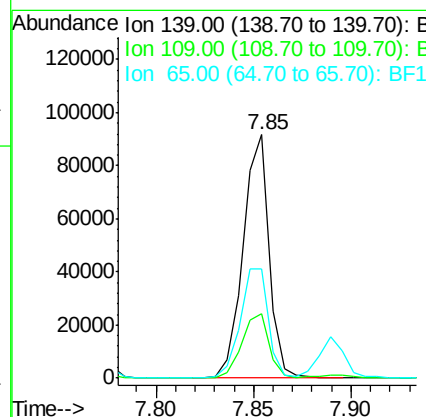
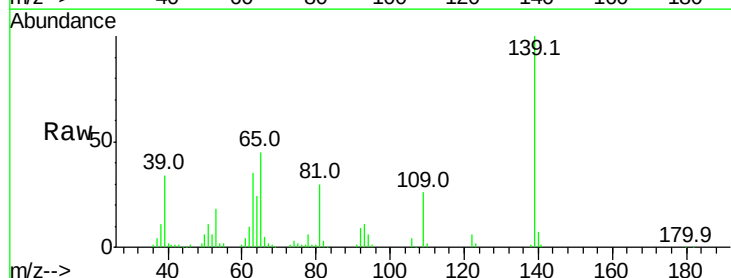
RT: 7.85 min Scan# 938

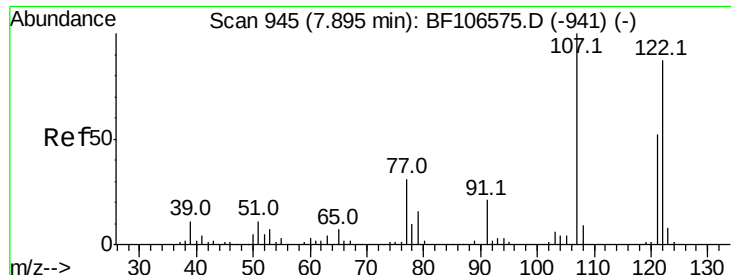
Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	139	Resp:	84384
Ion Ratio	Lower	Upper	
139	100		
109	26.5	22.7	34.1
65	44.8	40.5	60.7





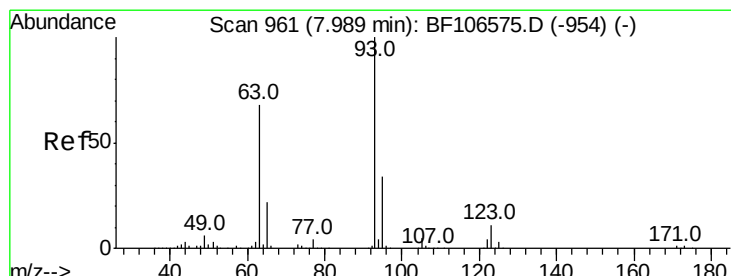
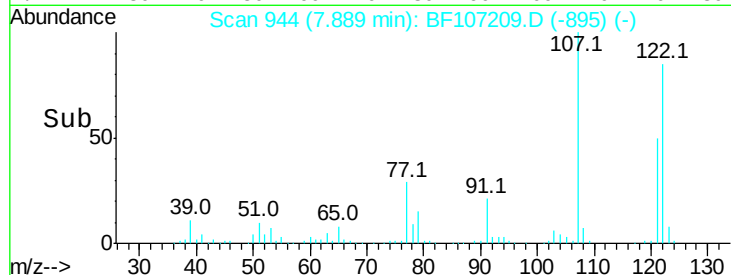
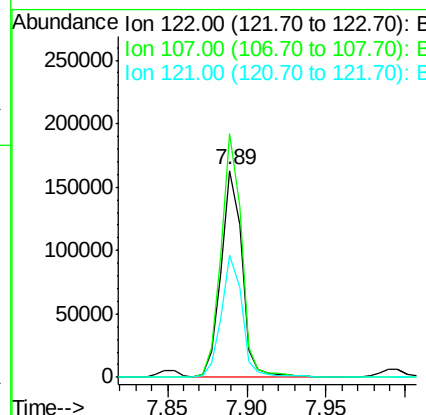
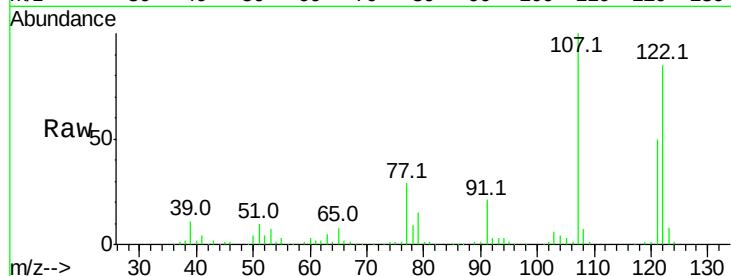
#27
 2,4-Dimethylphenol
 Concen: 45.239 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	150418		
107	117.8	91.2	136.8	
121	58.8	47.2	70.8	

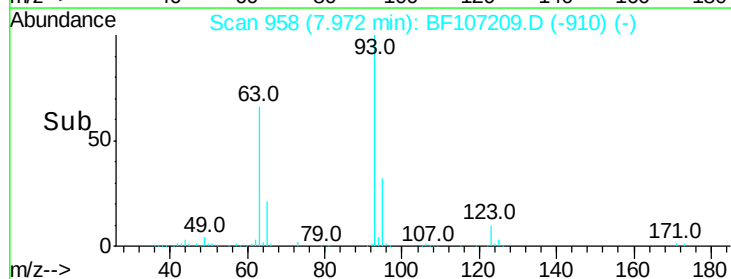
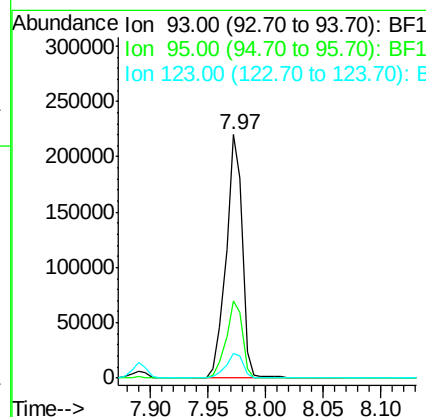
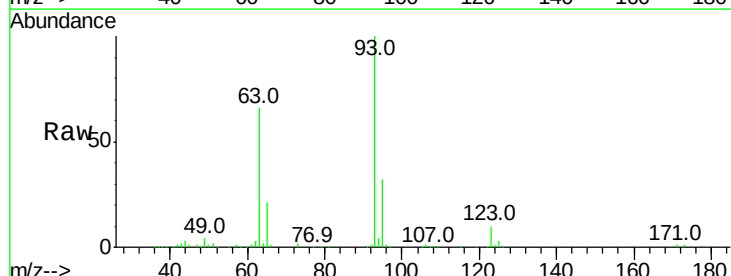
Manual Integrations
 APPROVED

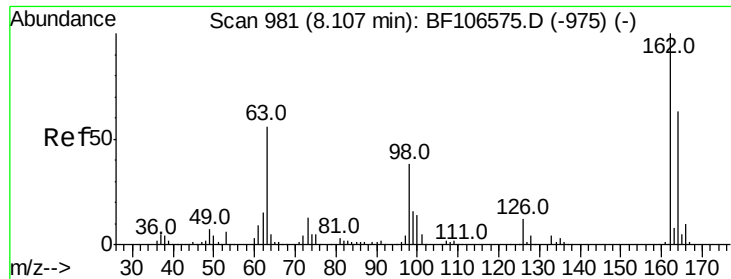
Sohil
 7/9/2018 2:06:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.525 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	214004		
95	31.7	26.3	39.5	
123	10.3	9.8	14.6	





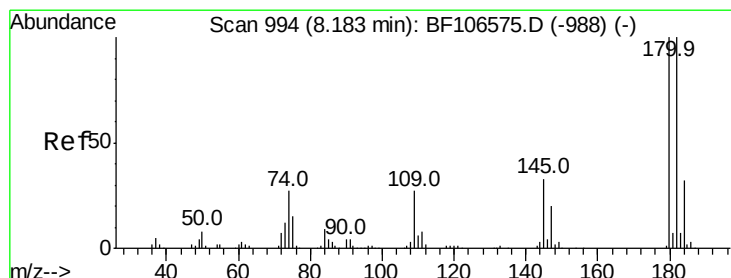
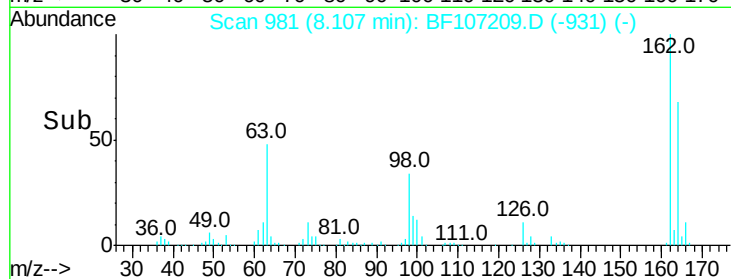
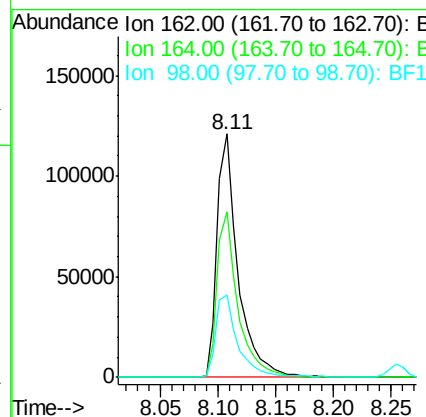
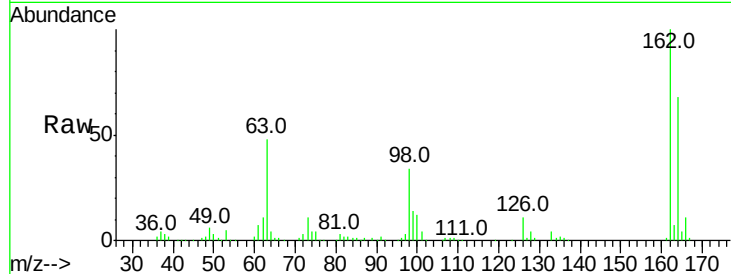
#29
2,4-Dichlorophenol
Concen: 43.725 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	152207		
164	68.0	42.7	82.7	
98	33.9	18.1	58.1	

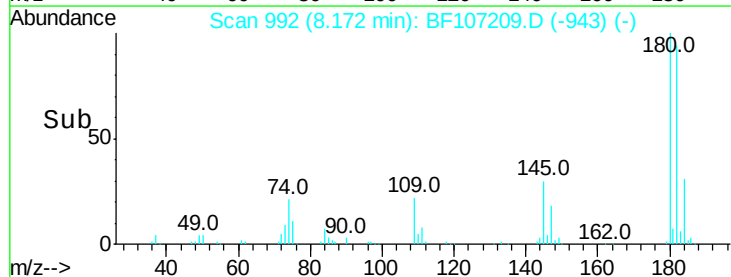
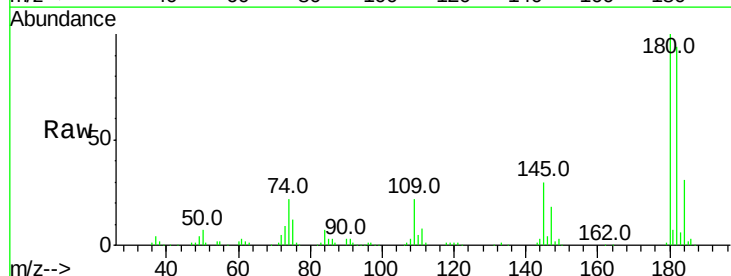
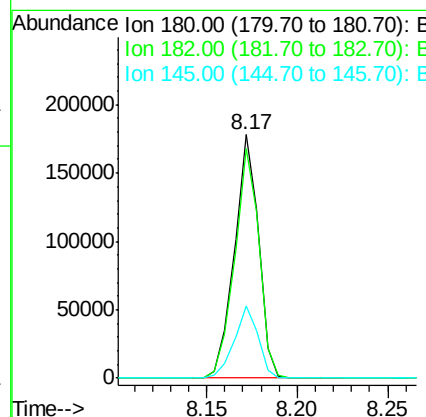
Manual Integrations
APPROVED

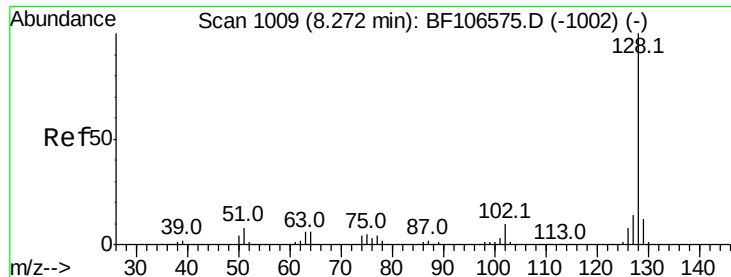
Sohil
7/9/2018 2:06:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.067 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	165151		
182	94.0	76.8	115.2	
145	29.8	26.5	39.7	





#31

Naphthalene

Concen: 42.484 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

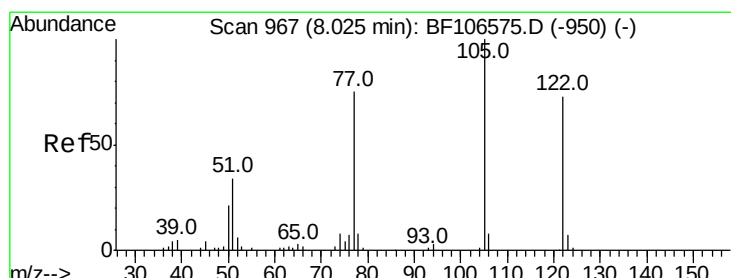
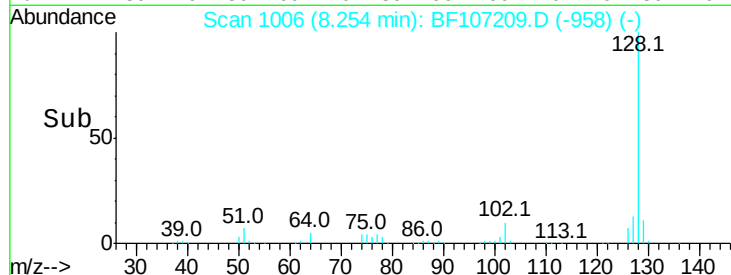
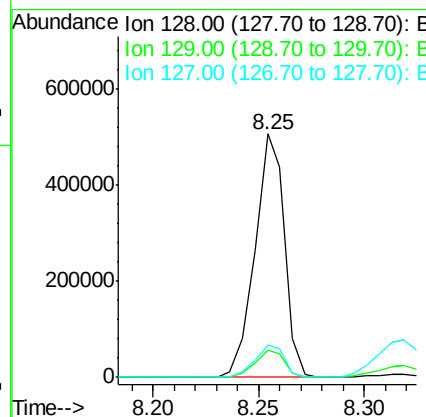
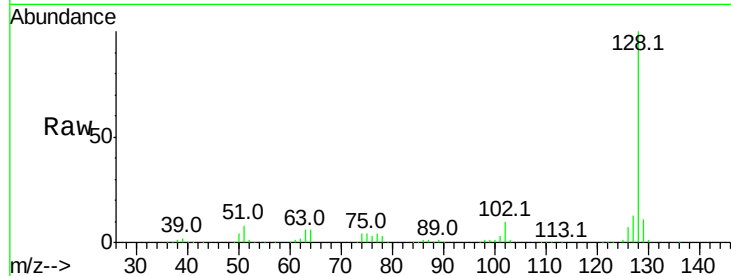
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	128	Resp:	492682
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#32

Benzoic acid

Concen: 9.521 ng

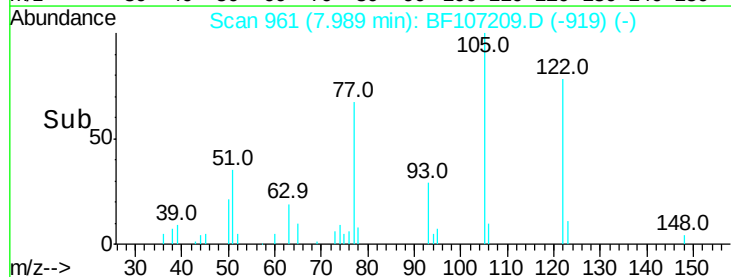
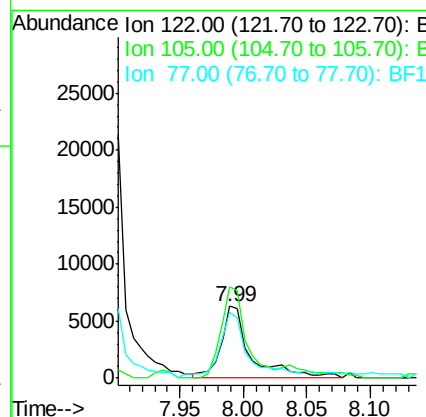
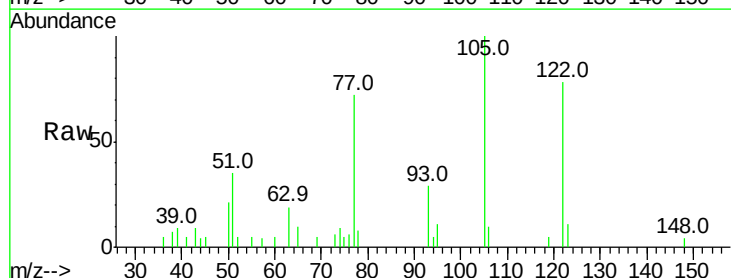
RT: 7.99 min Scan# 961

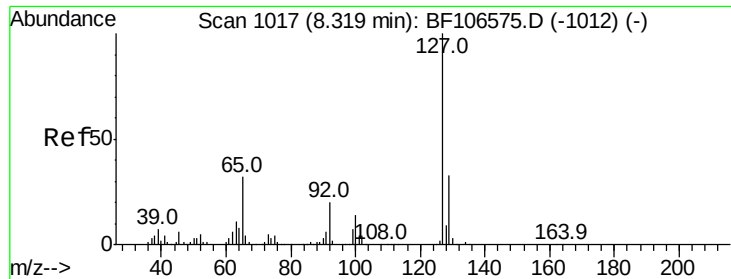
Delta R.T. -0.05 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	122	Resp:	10408
Ion Ratio	Lower	Upper	
122	100		
105	127.8	101.1	141.1
77	91.9	70.7	110.7





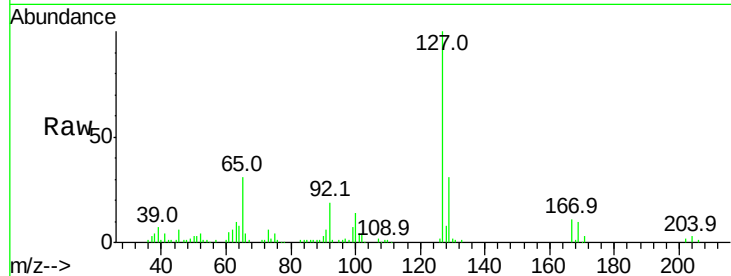
#33
4-Chloroaniline
Concen: 25.208 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

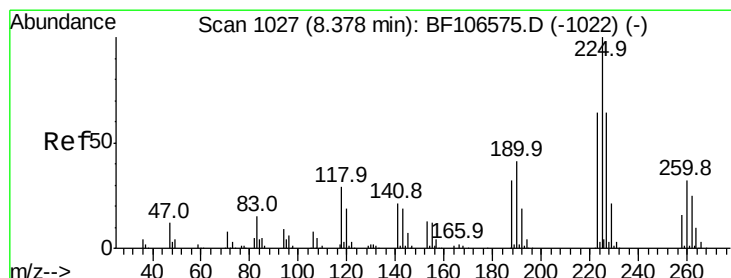
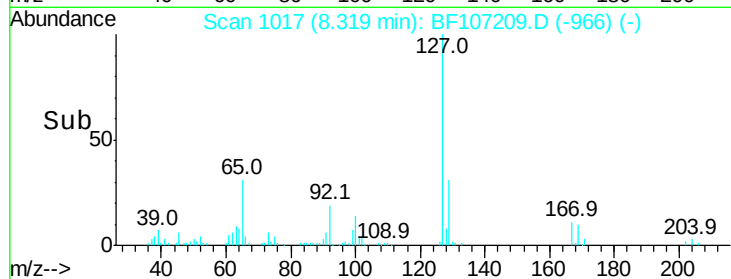
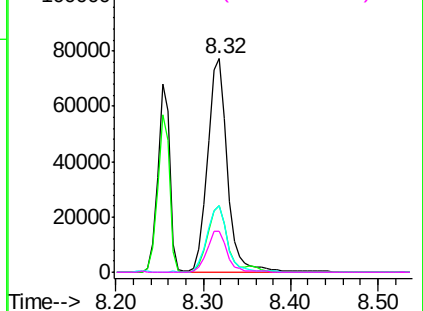
Tot Ion	Ratio	Resp	Lower	Upper
127	100	122661		
129	31.3	25.9	38.9	
65	31.3	25.0	37.4	
92	19.2	15.2	22.8	

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM

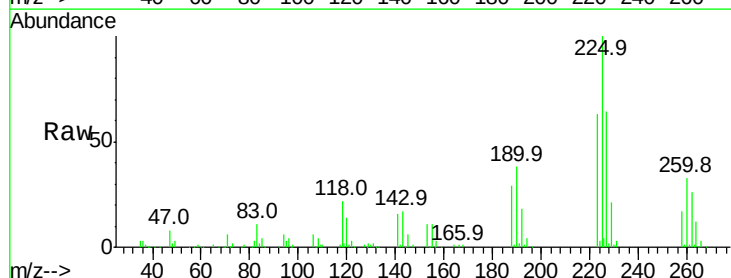


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

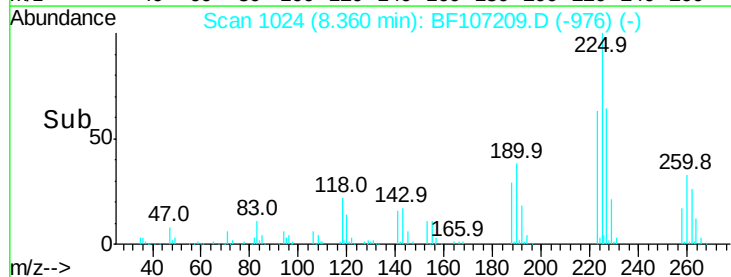
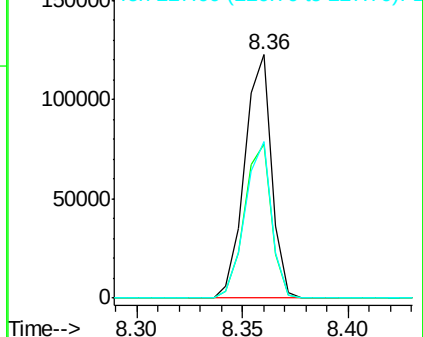


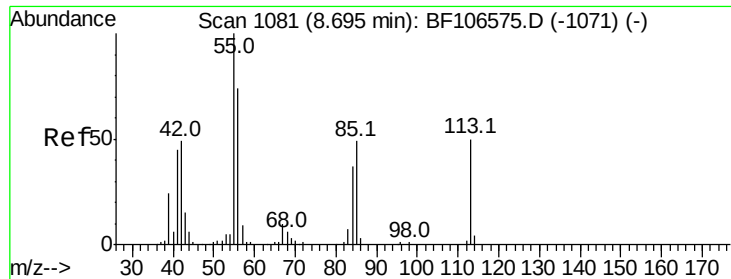
#34
Hexachlorobutadiene
Concen: 43.363 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108351		
223	63.2	50.6	76.0	
227	64.2	51.9	77.9	



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





#35

Caprolactam

Concen: 41.246 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

ClientSampleId :

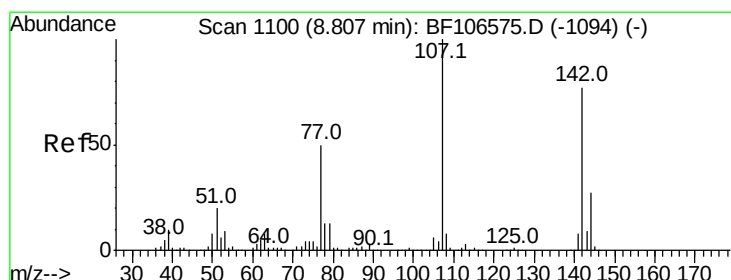
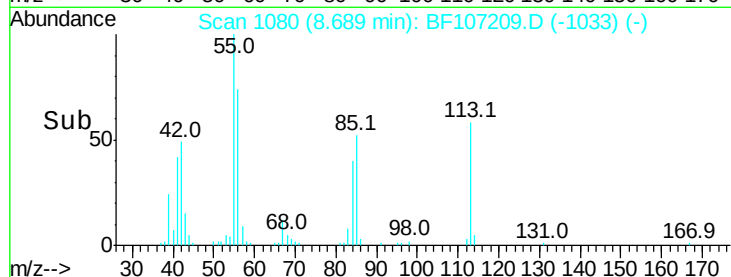
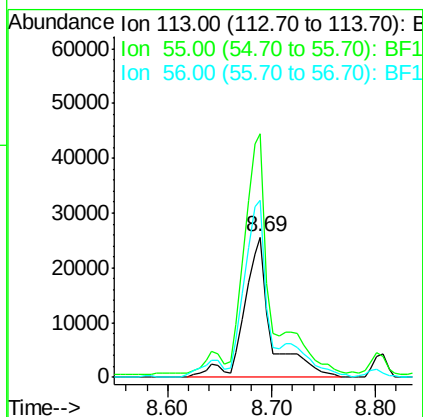
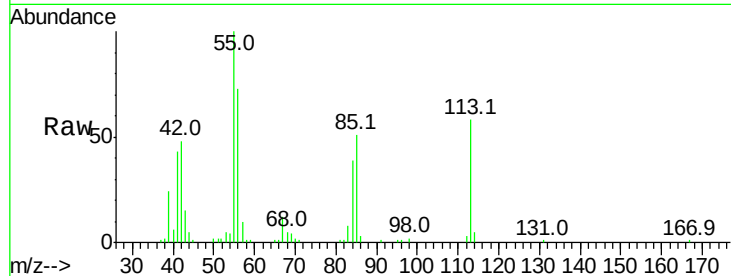
SURCHARGE-SP-1MS

Tot Ion:113 Resp: 46802

Ion	Ratio	Lower	Upper
113	100		
55	173.7	163.3	203.3
56	126.7	115.7	155.7

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#36

4-Chloro-3-methylphenol

Concen: 39.678 ng/mL

RT: 8.81 min Scan# 1100

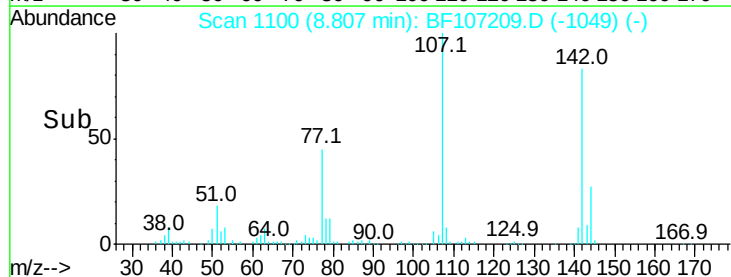
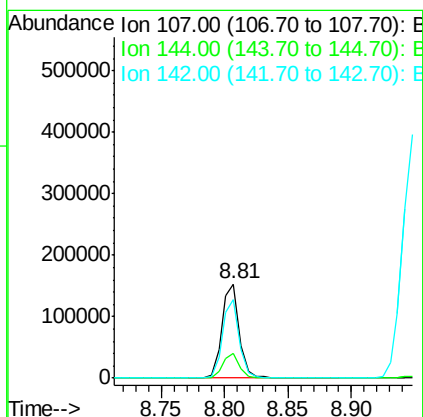
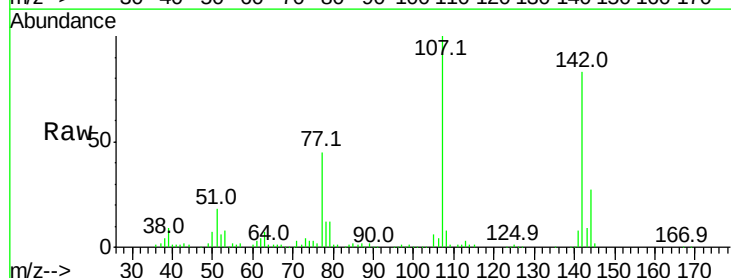
Delta R.T. 0.00 min

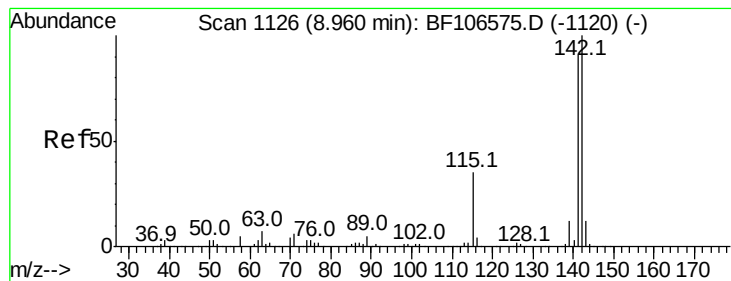
Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:107 Resp: 145380

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.5	30.7
142	83.4	62.0	93.0





#37

2-Methylnaphthalene

Concen: 45.338 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

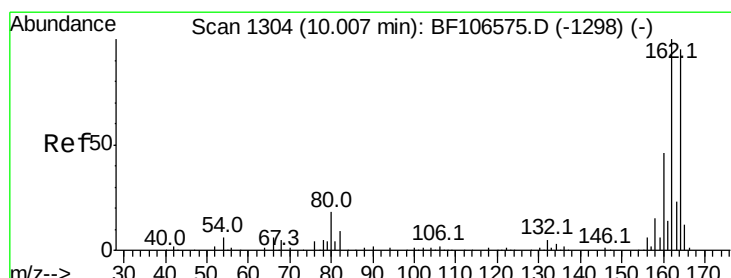
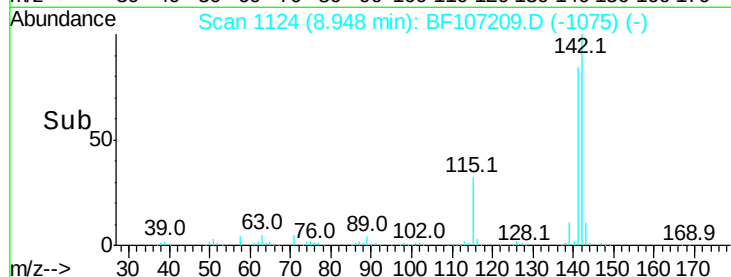
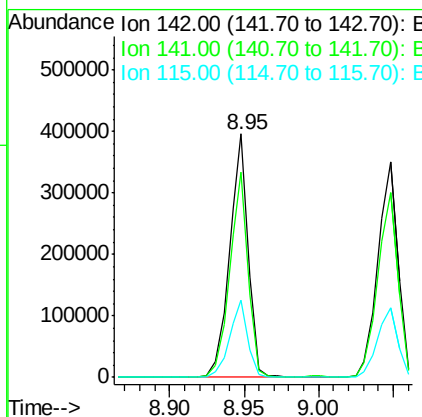
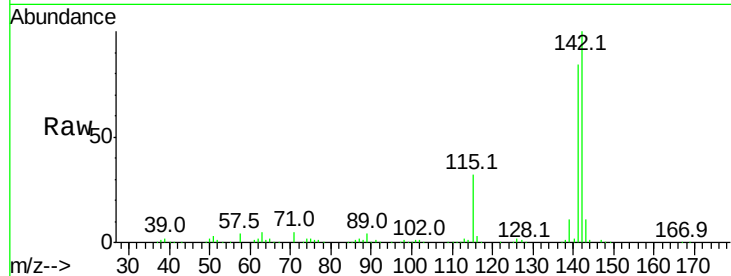
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	142	Resp:	348501
Ion Ratio	Lower	Upper	
142	100		
141	84.4	70.8	106.2
115	31.7	26.1	39.1

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

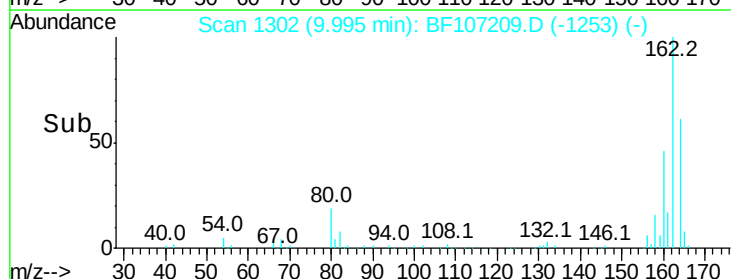
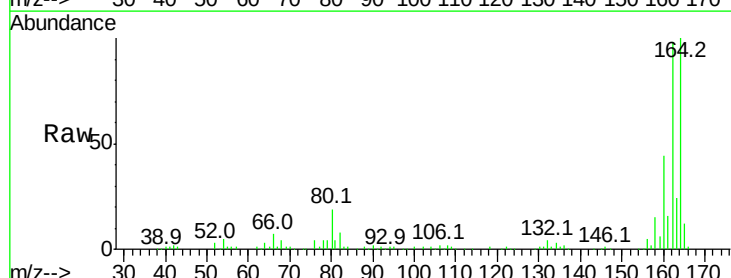
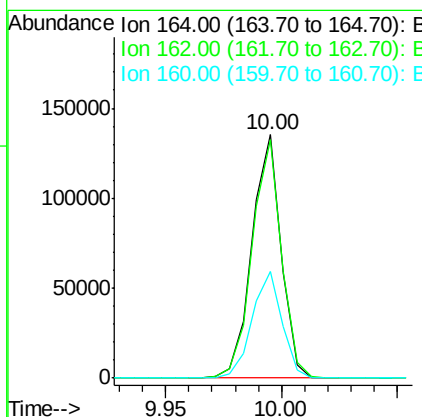
RT: 10.00 min Scan# 1302

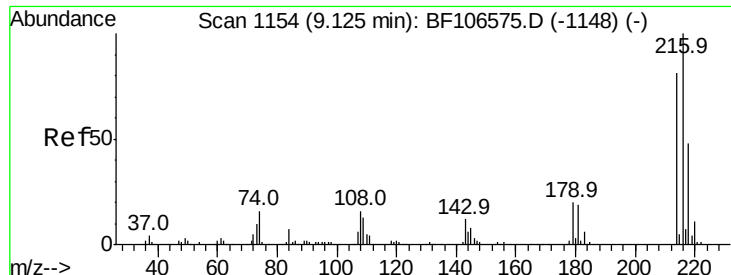
Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	164	Resp:	119512
Ion Ratio	Lower	Upper	
164	100		
162	97.9	86.1	129.1
160	43.8	38.3	57.5





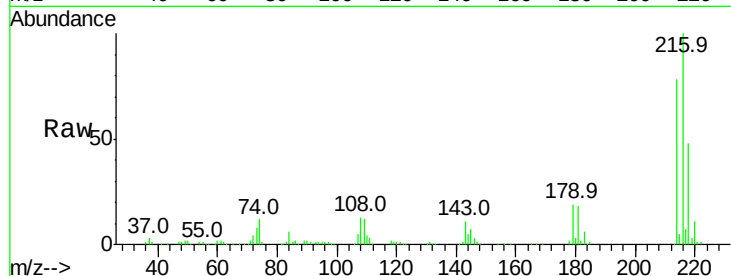
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.269 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	63.0	94.4
179	19.1	18.1	27.1
108	14.0	17.2	25.8#

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:32 PM



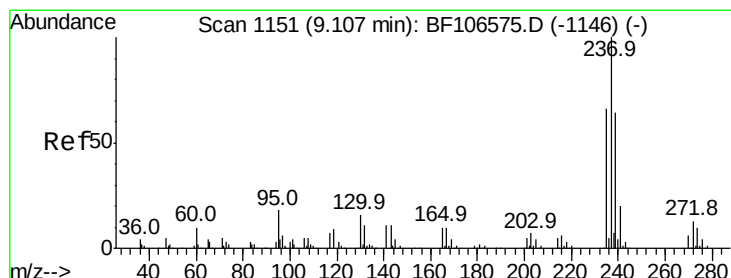
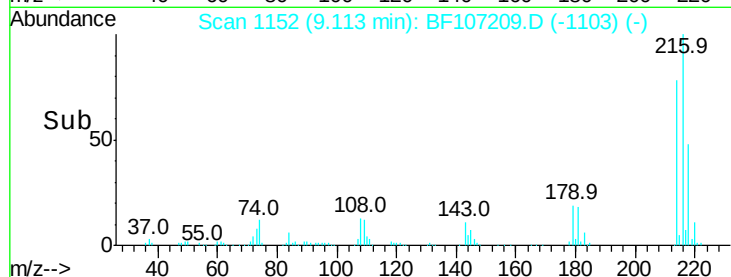
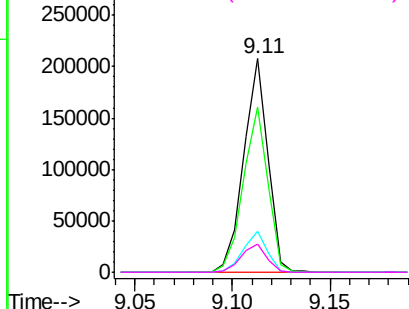
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

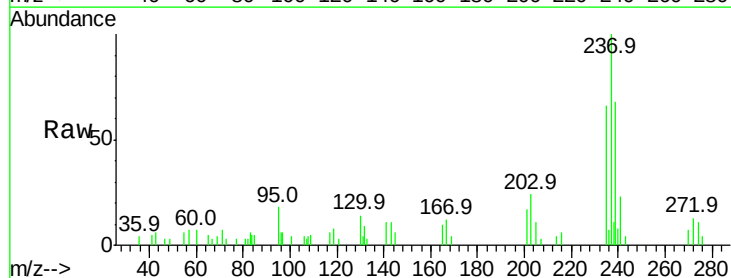
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 4.401 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	66.4	44.8	84.8
272	12.8	0.0	33.3

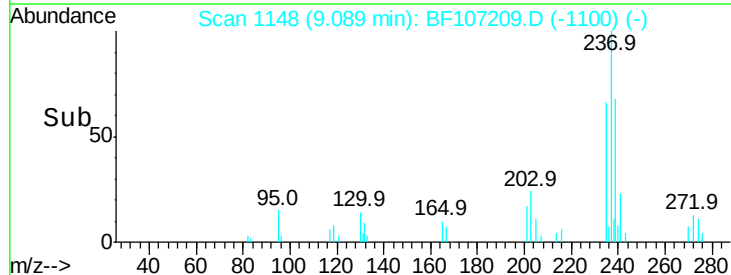
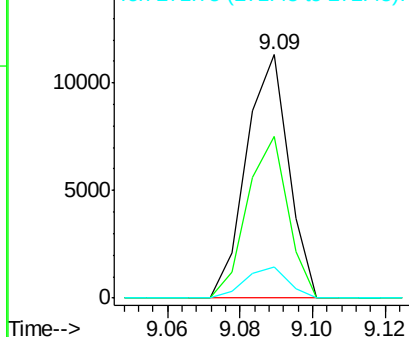


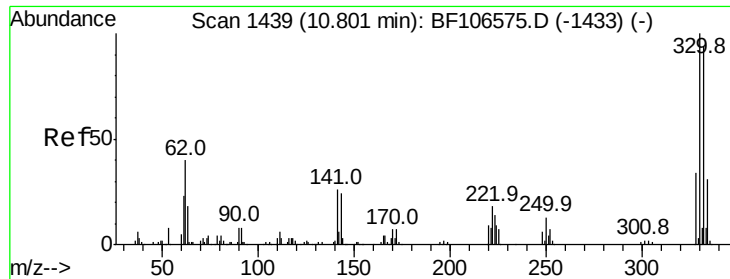
Abundance

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





#41

2,4,6-Tribromophenol

Concen: 132.191 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

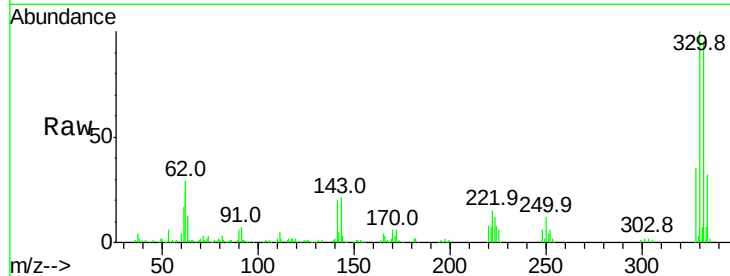
ClientSampleId :

SURCHARGE-SP-1MS

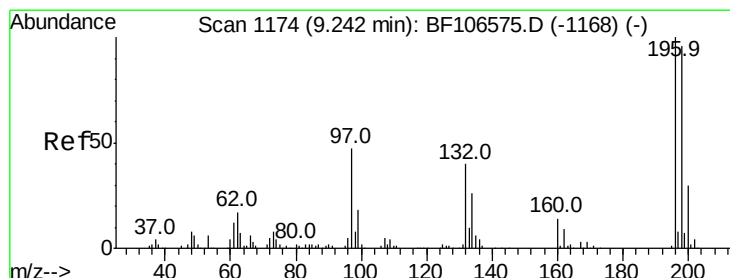
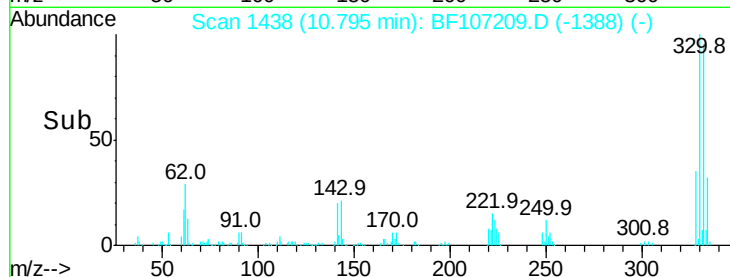
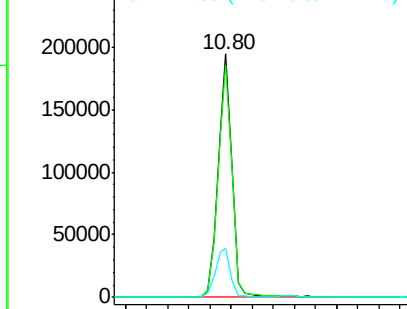
Tot Ion:	330	Resp:	183108
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.0	115.6
141	22.3	29.9	44.9#

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



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



#42

2,4,6-Trichlorophenol

Concen: 37.691 ng

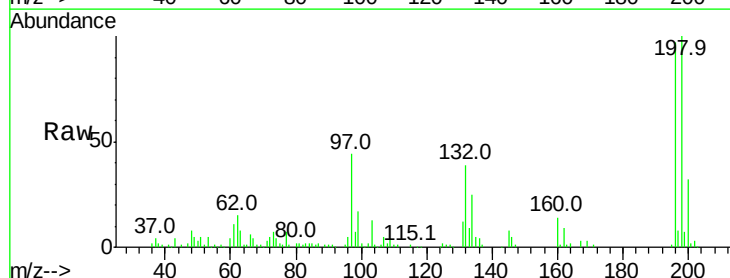
RT: 9.24 min Scan# 1173

Delta R.T. -0.01 min

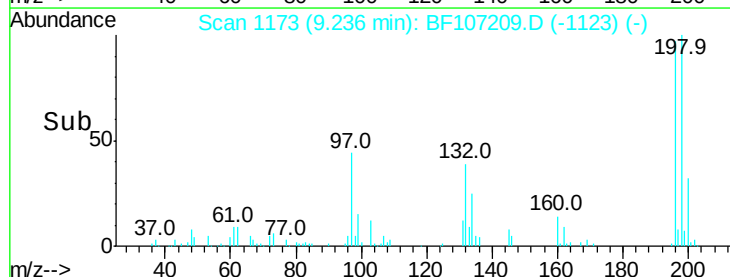
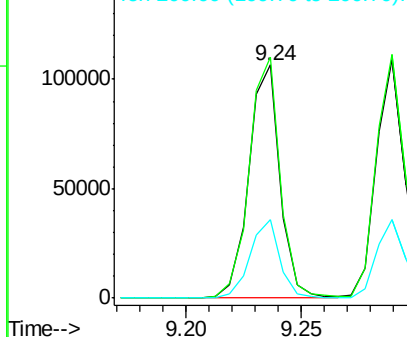
Lab File: BF107209.D

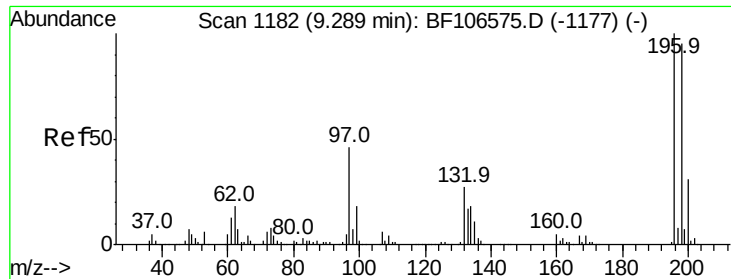
Acq: 7 Jul 2018 16:27

Tgt Ion:	196	Resp:	100837
Ion Ratio	Lower	Upper	
196	100		
198	103.4	75.7	113.5
200	33.5	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





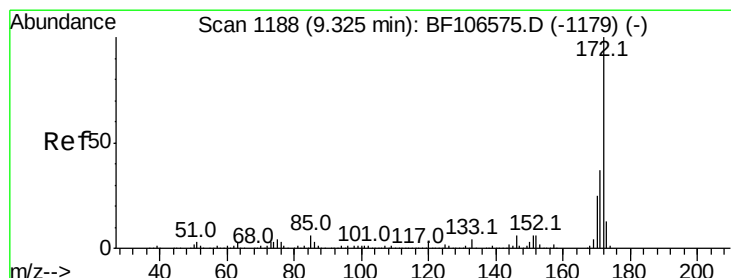
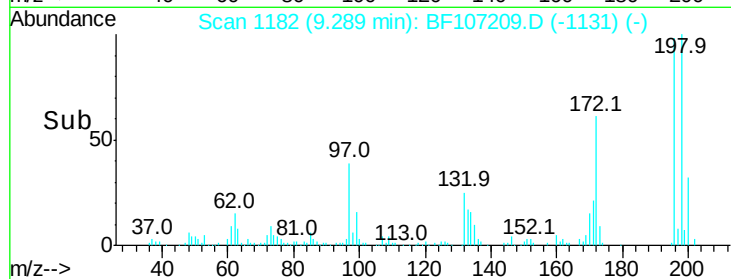
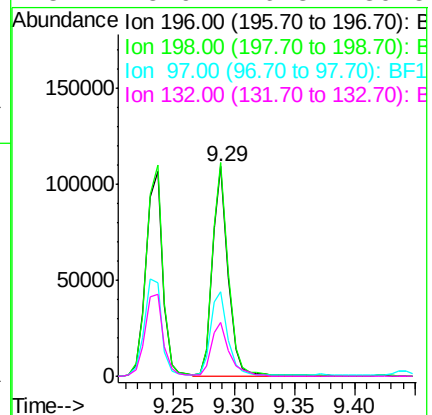
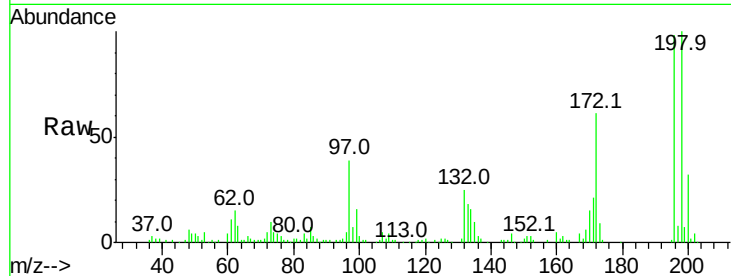
#43
 2,4,5-Trichlorophenol
 Concen: 35.399 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	98821		
198	102.0	74.6	112.0	
97	40.2	42.9	64.3#	
132	25.9	26.3	39.5#	

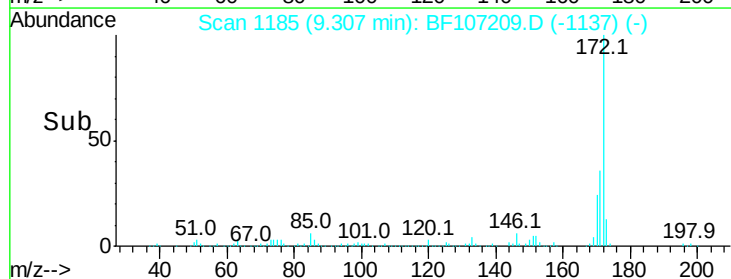
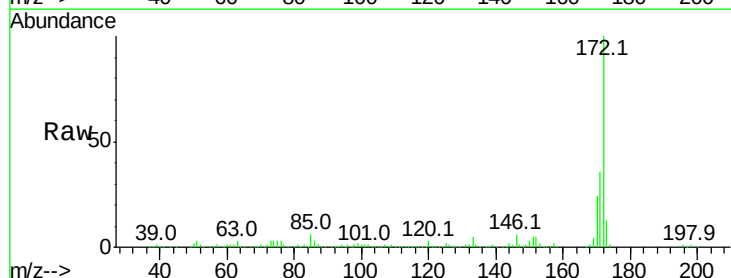
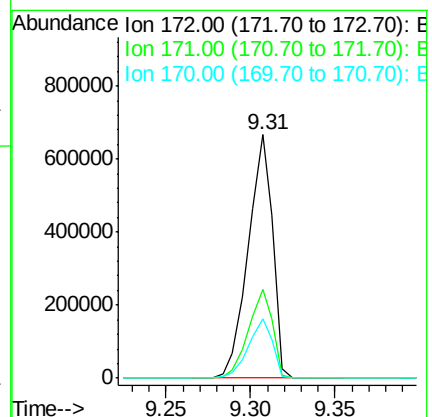
Manual Integrations
 APPROVED

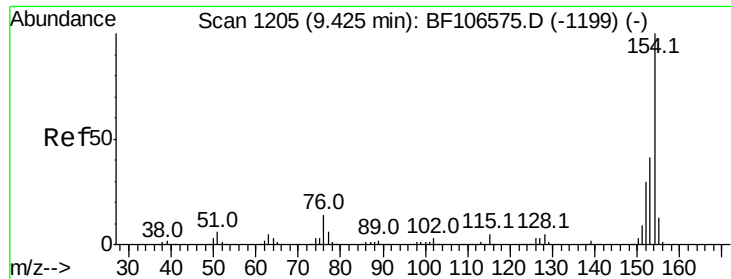
Sohil
 7/9/2018 2:06:32 PM



#44
 2-Fluorobiphenyl
 Concen: 97.544 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	673364		
171	36.4	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 42.480 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

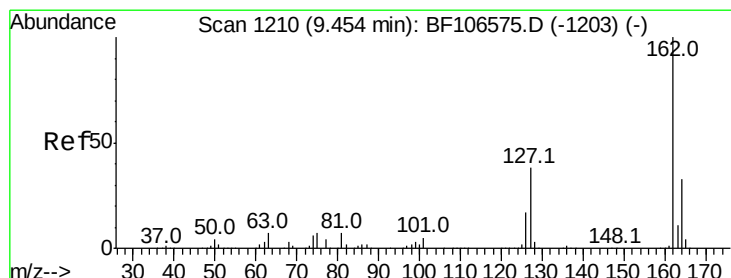
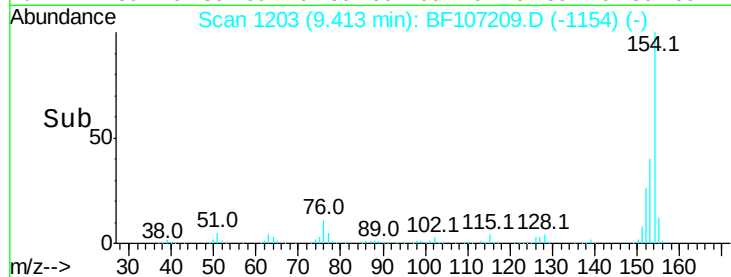
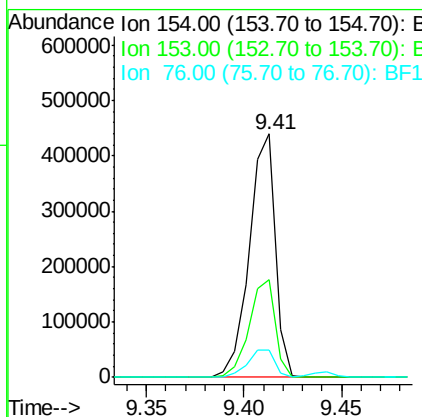
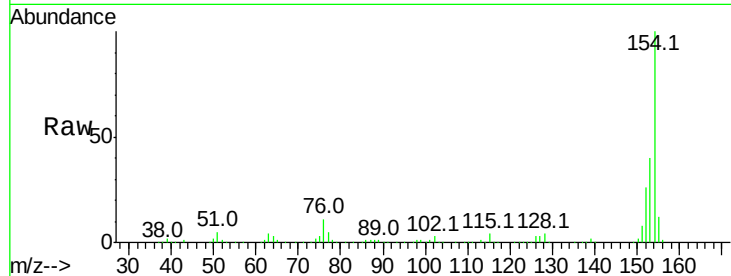
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	154	Resp:	404605
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	11.0	0.0	34.0

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#46

2-Chloronaphthalene

Concen: 38.621 ng

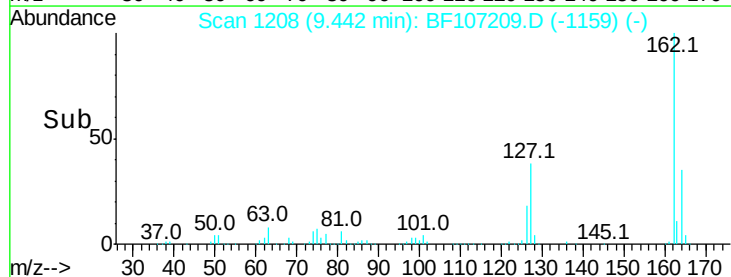
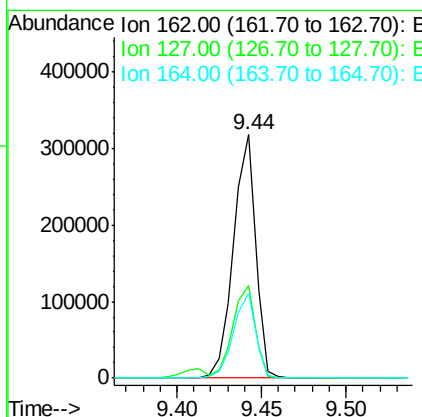
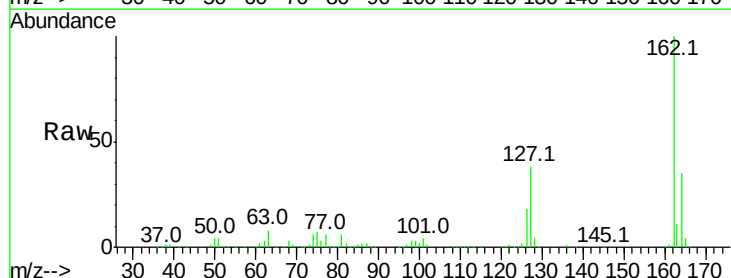
RT: 9.44 min Scan# 1208

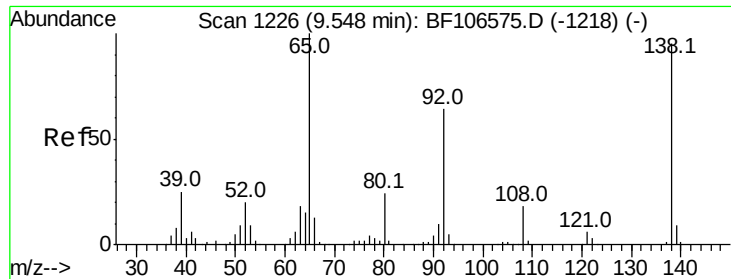
Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	162	Resp:	289551
Ion Ratio	Lower	Upper	
162	100		
127	37.8	33.9	50.9
164	34.7	26.5	39.7





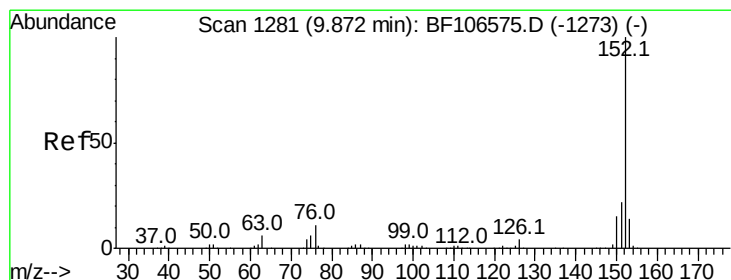
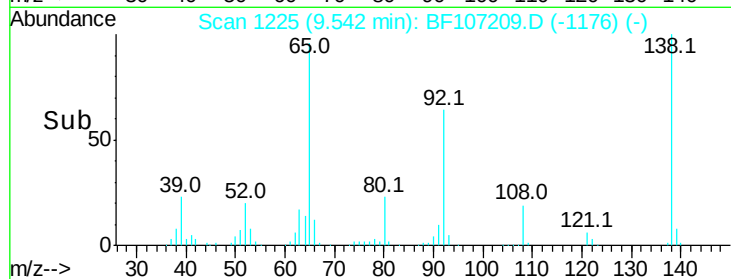
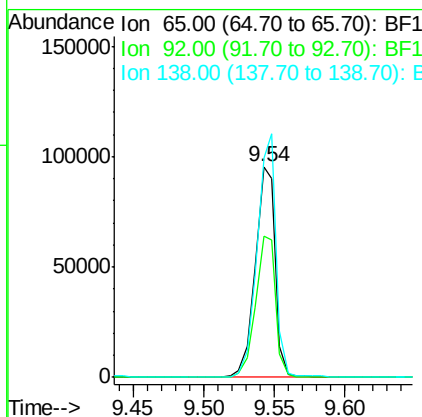
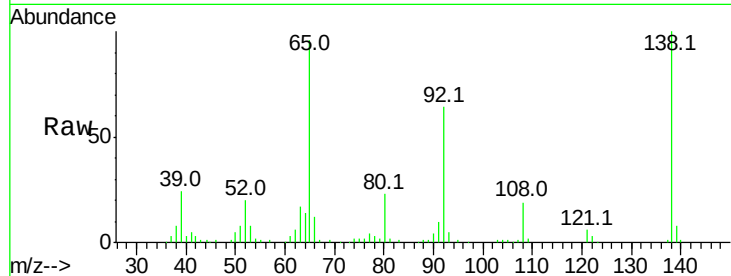
#47
 2-Nitroaniline
 Concen: 37.991 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion:	65	Resp:	95777
Ion Ratio	Lower	Upper	
65	100		
92	66.8	55.8	83.6
138	103.9	91.2	136.8

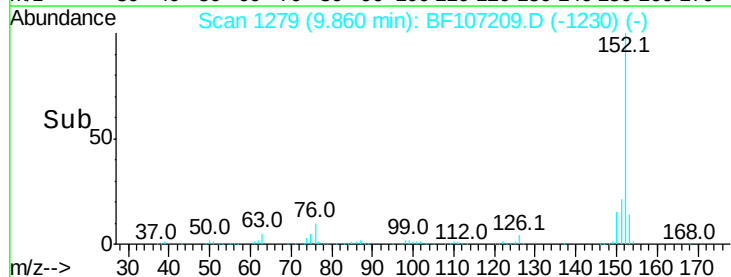
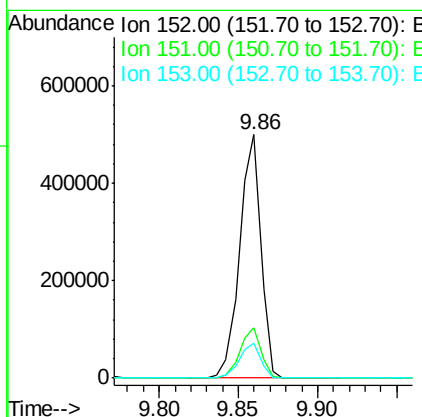
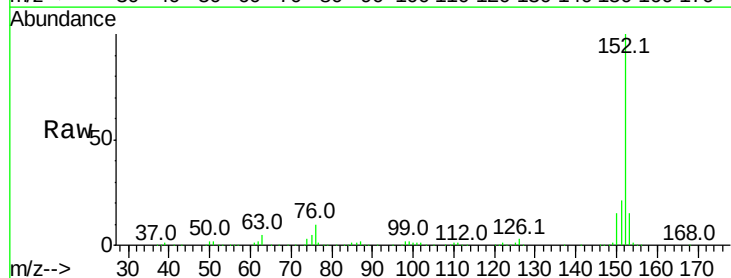
Manual Integrations
 APPROVED

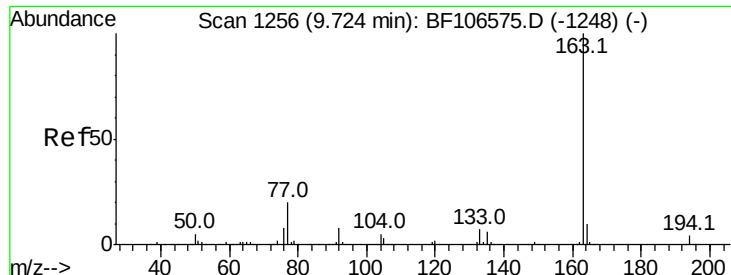
Sohil
 7/9/2018 2:06:32 PM



#48
 Acenaphthylene
 Concen: 39.095 ng
 RT: 9.86 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion:	152	Resp:	462752
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	14.6	10.7	16.1





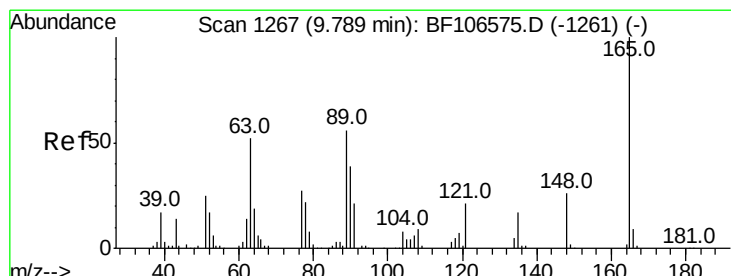
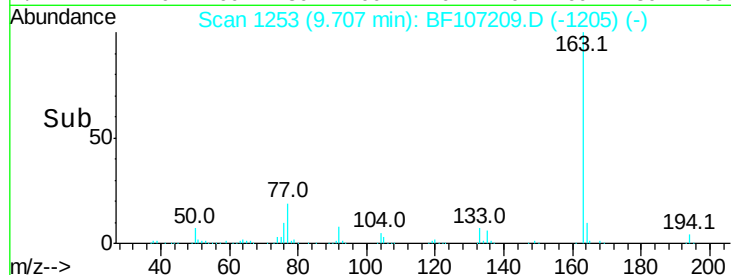
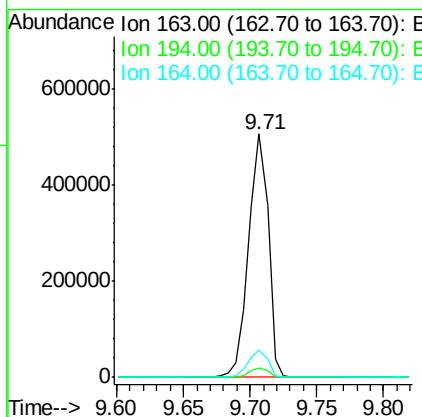
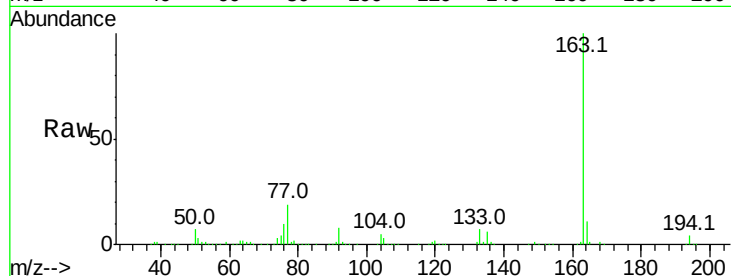
#49
Dimethylphthalate
Concen: 56.934 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	11.4	8.2	12.2	

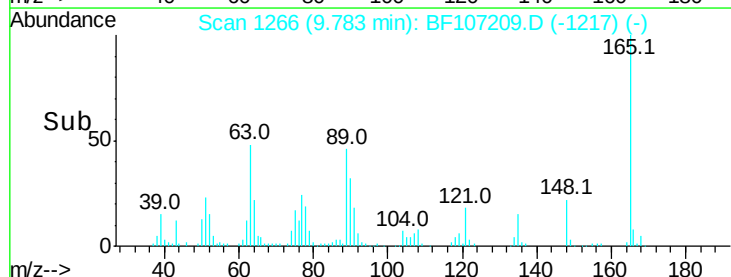
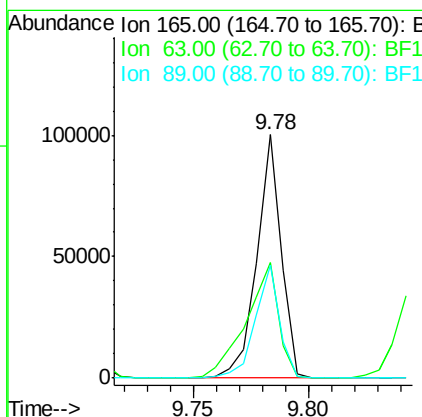
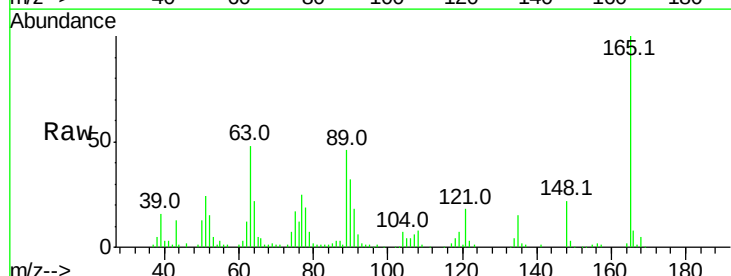
Manual Integrations
APPROVED

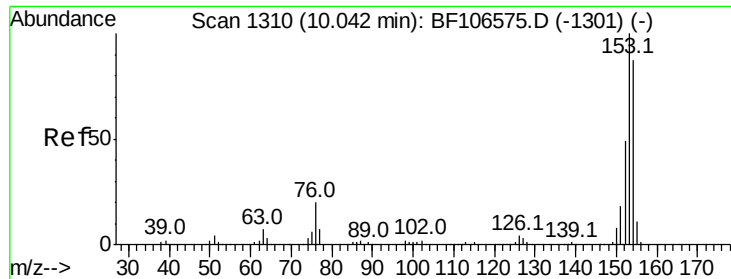
Sohil
7/9/2018 2:06:32 PM



#50
2,6-Dinitrotoluene
Concen: 39.143 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7	44.7	67.1	
89	46.4	44.0	66.0	





#51

Acenaphthene

Concen: 37.632 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

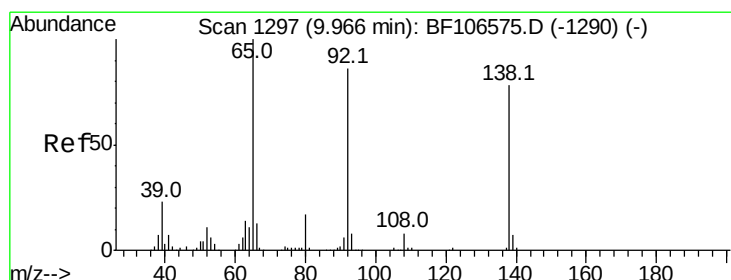
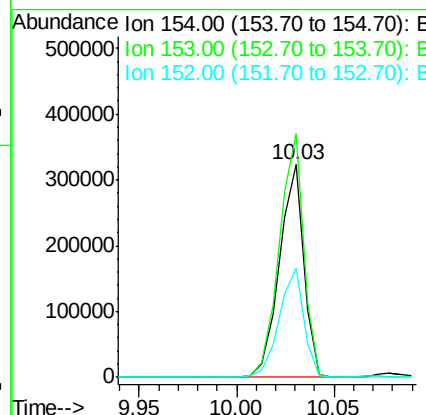
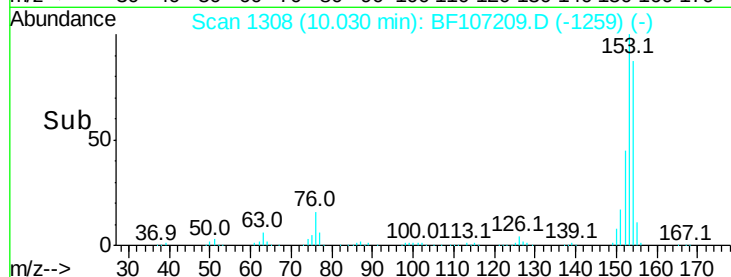
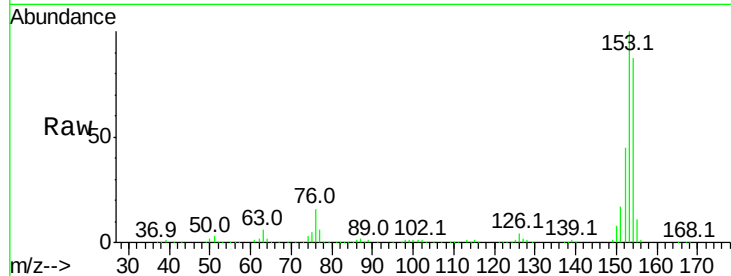
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	154	Resp:	280497
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	51.2	43.8	65.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#52

3-Nitroaniline

Concen: 32.066 ng

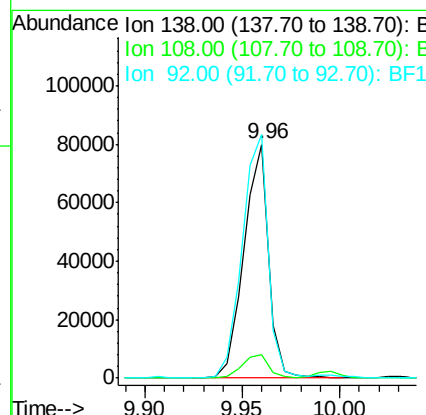
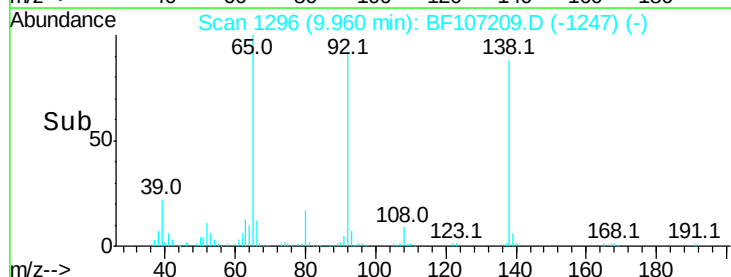
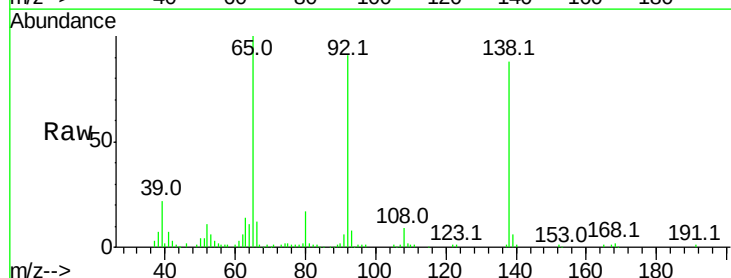
RT: 9.96 min Scan# 1296

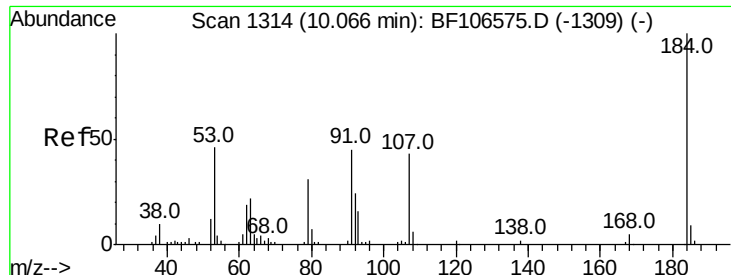
Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	138	Resp:	70038
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	104.3	89.4	134.2





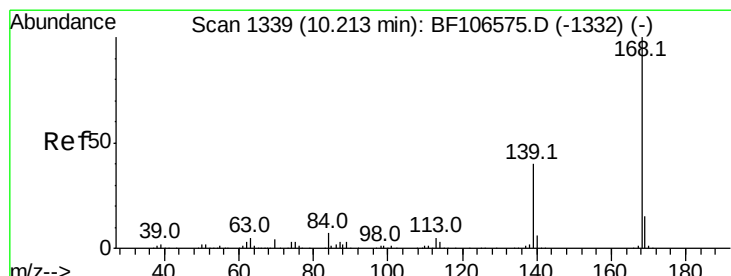
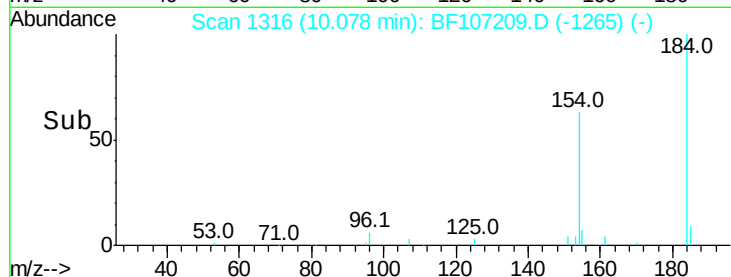
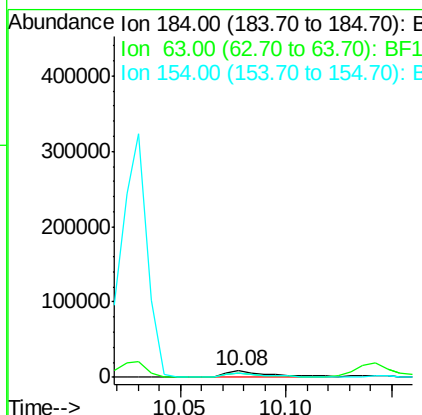
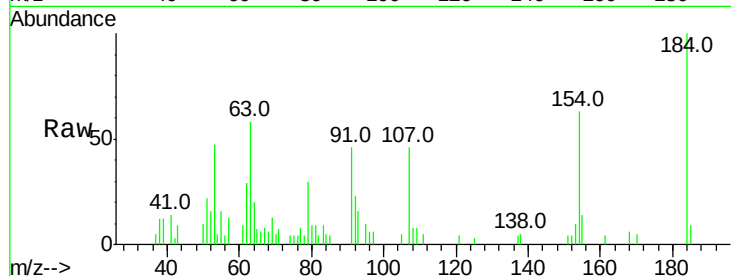
#53
 2,4-Dinitrophenol
 Concen: 17.670 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion:184 Resp: 13027
 Ion Ratio Lower Upper
 184 100
 63 58.1 54.2 81.2
 154 63.2 184.0 276.0#

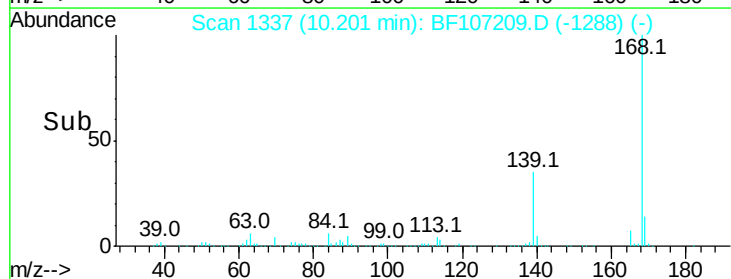
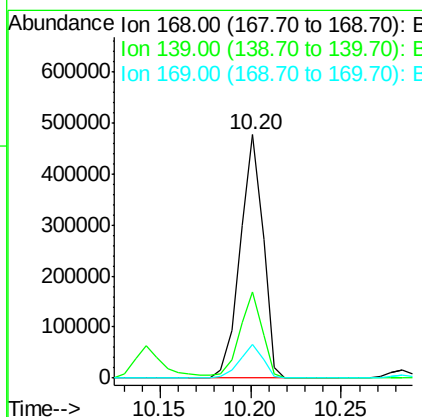
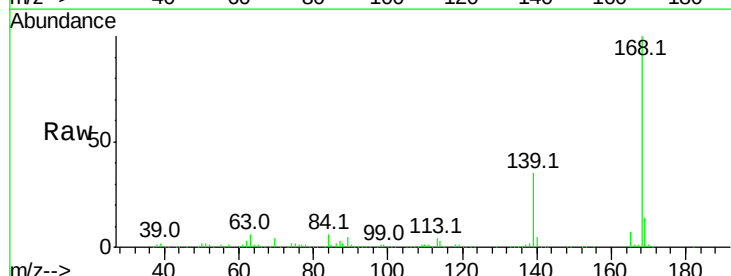
Manual Integrations
 APPROVED

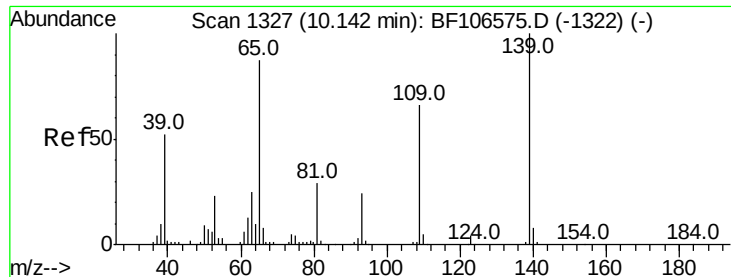
Sohil
 7/9/2018 2:06:32 PM



#54
 Dibenzofuran
 Concen: 40.927 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion:168 Resp: 417717
 Ion Ratio Lower Upper
 168 100
 139 35.2 30.1 45.1
 169 13.6 10.9 16.3





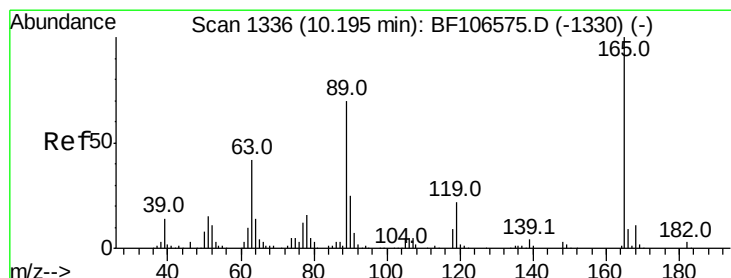
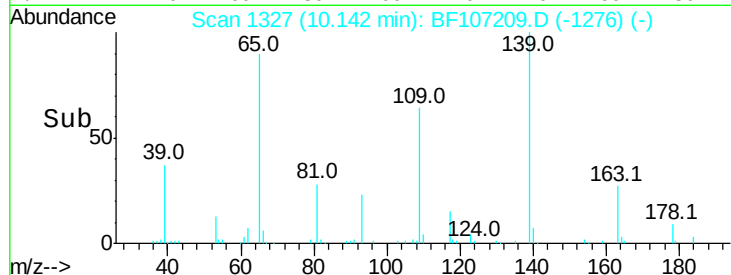
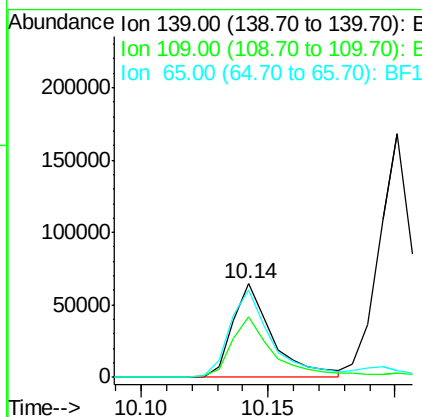
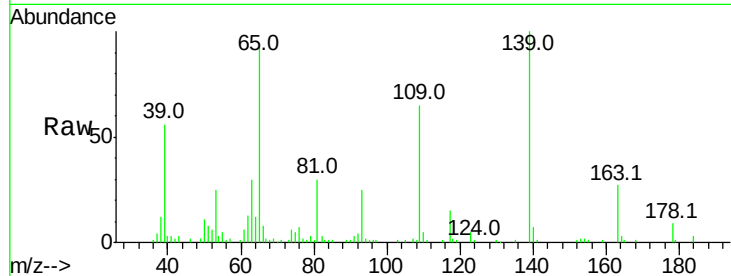
#55
4-Nitrophenol
Concen: 46.375 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.4	48.4	88.4
65	93.1	72.6	112.6

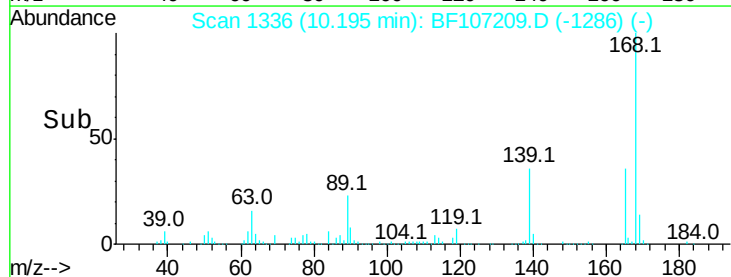
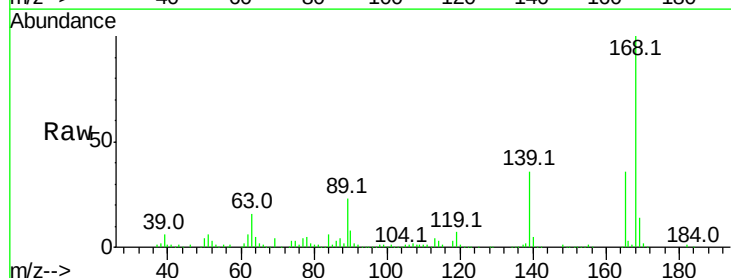
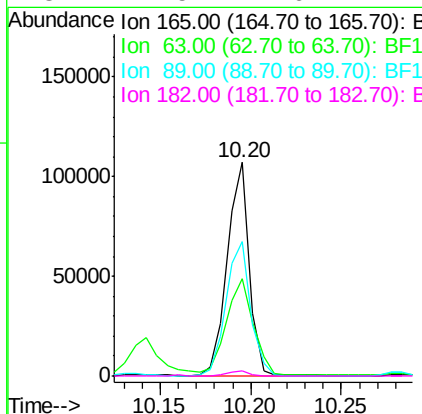
Manual Integrations
APPROVED

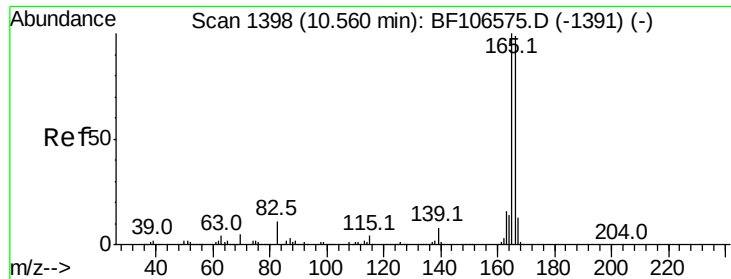
Sohil
7/9/2018 2:06:32 PM



#56
2,4-Dinitrotoluene
Concen: 36.644 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	36.4	54.6
89	62.8	57.8	86.6
182	2.5	1.6	2.4#





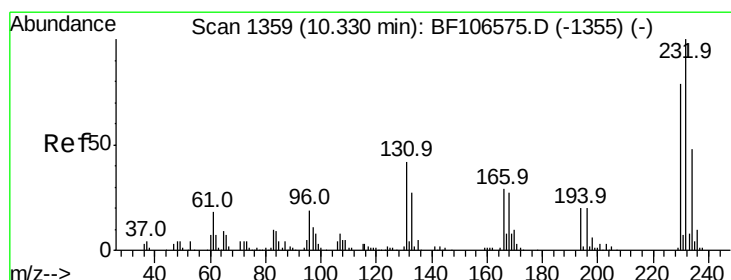
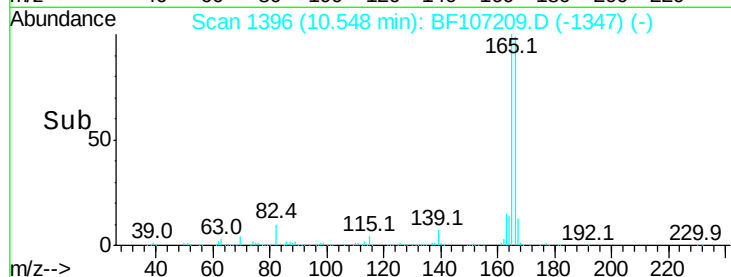
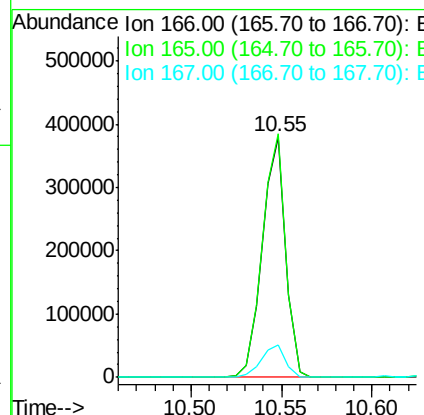
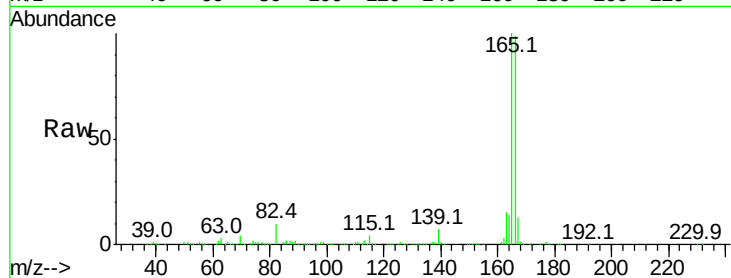
#57
 Fluorene
 Concen: 41.813 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.8	119.8
167	13.7	10.6	16.0

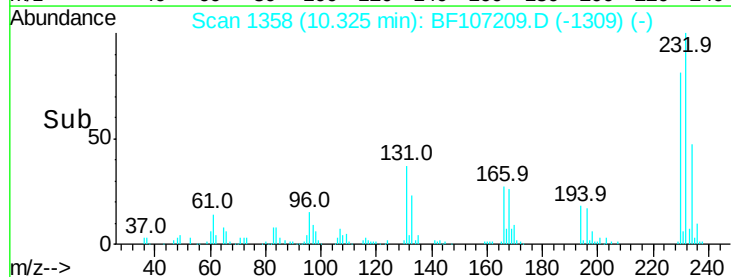
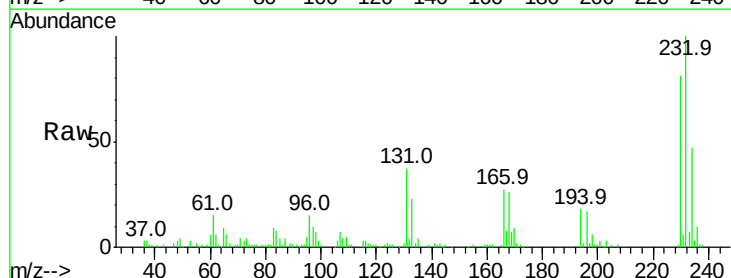
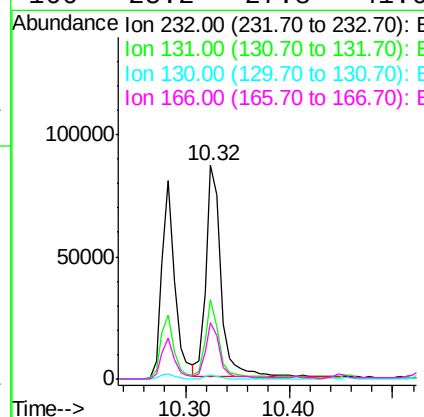
Manual Integrations
 APPROVED

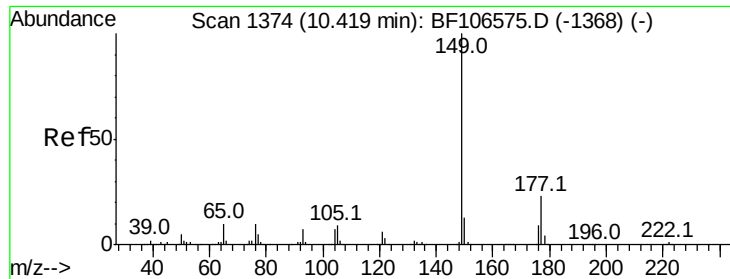
Sohil
 7/9/2018 2:06:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.845 ng m
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.5	43.8	65.8#
130	1.6	2.1	3.1#
166	25.2	27.8	41.6#





#59

Diethylphthalate

Concen: 37.955 ng

RT: 10.41 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

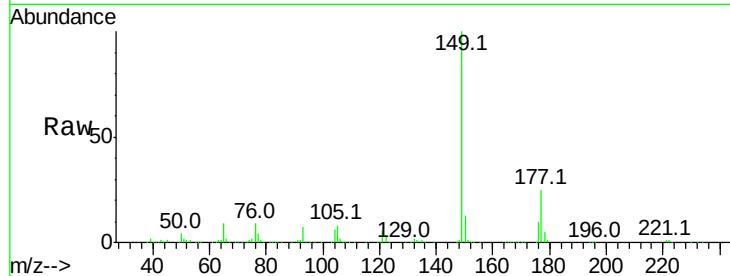
ClientSampleId :

SURCHARGE-SP-1MS

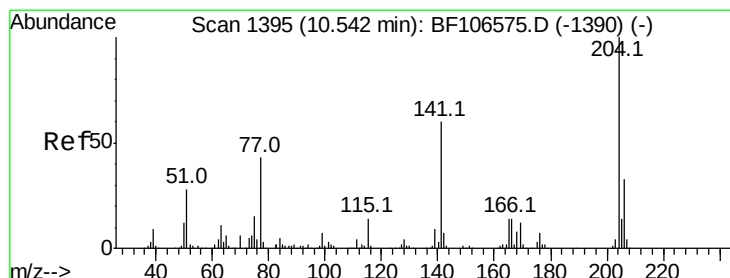
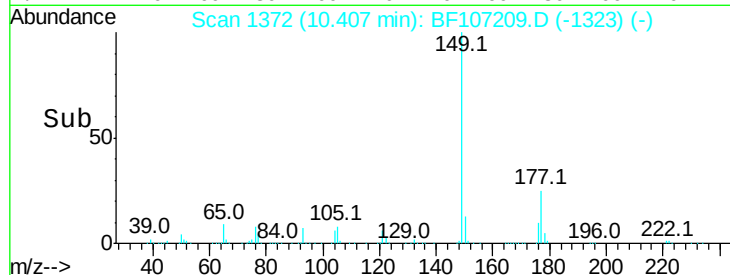
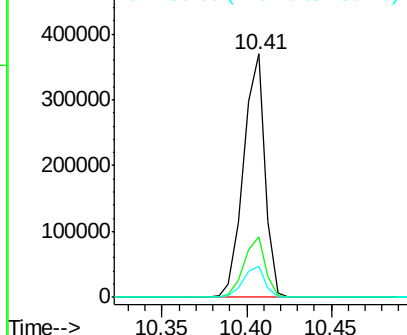
Tot Ion:	149	Resp:	328359
Ion Ratio	Lower	Upper	
149	100		
177	25.0	16.1	24.1#
150	12.9	10.1	15.1

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 41.000 ng

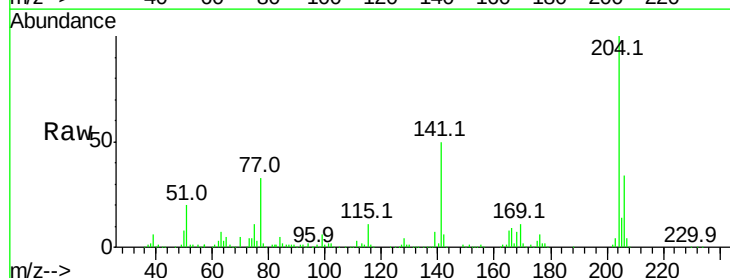
RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

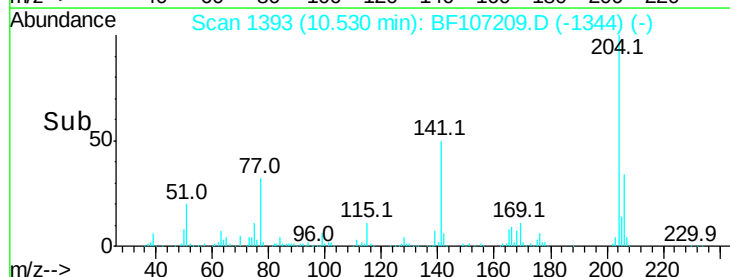
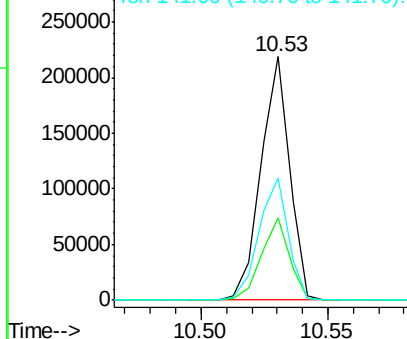
Lab File: BF107209.D

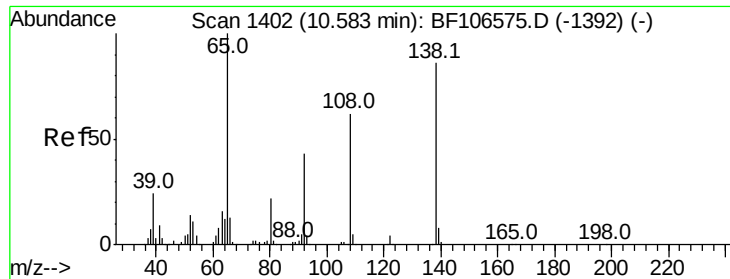
Acq: 7 Jul 2018 16:27

Tgt Ion:	204	Resp:	173744
Ion Ratio	Lower	Upper	
204	100		
206	33.8	26.5	39.7
141	50.4	54.6	81.8#



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





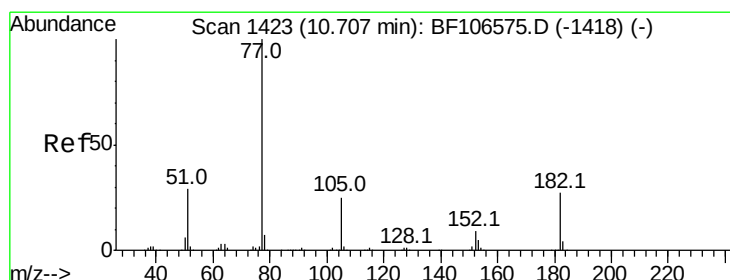
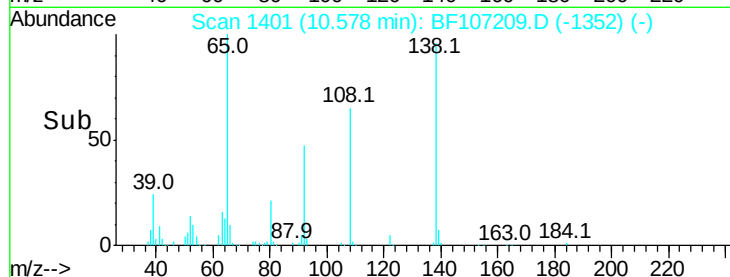
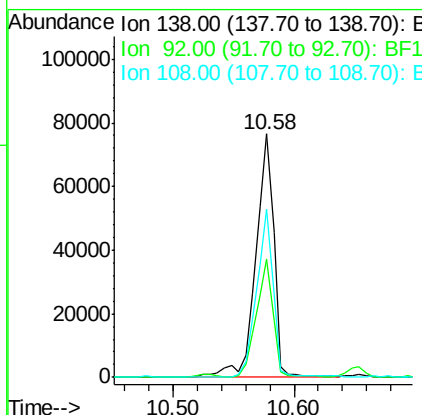
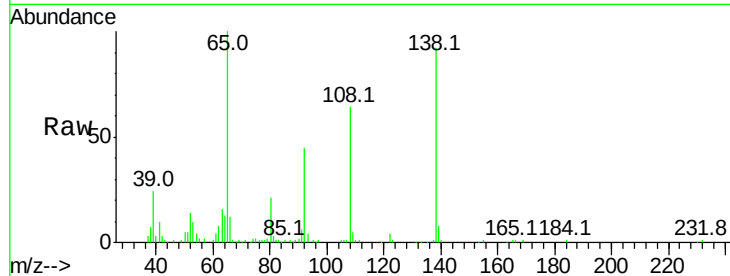
#61
4-Nitroaniline
Concen: 37.270 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	69.3	52.5	92.5

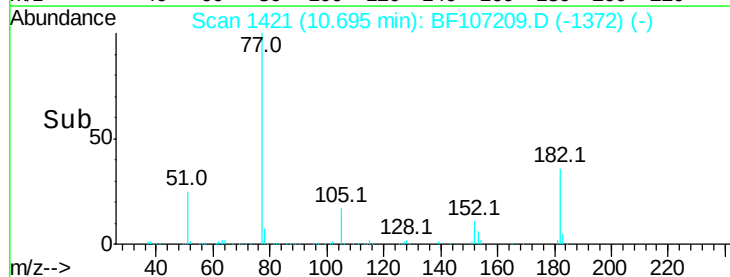
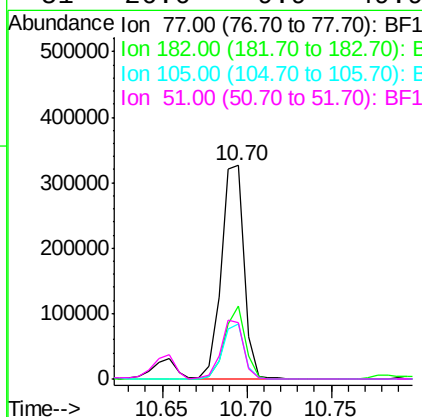
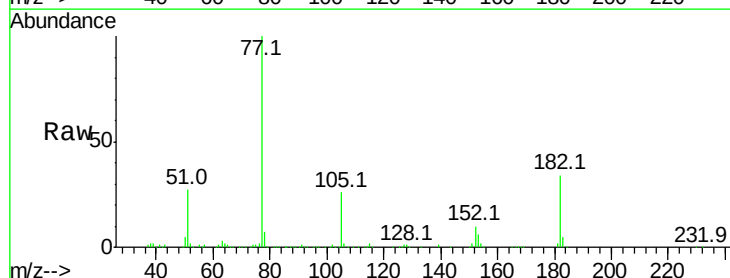
Manual Integrations
APPROVED

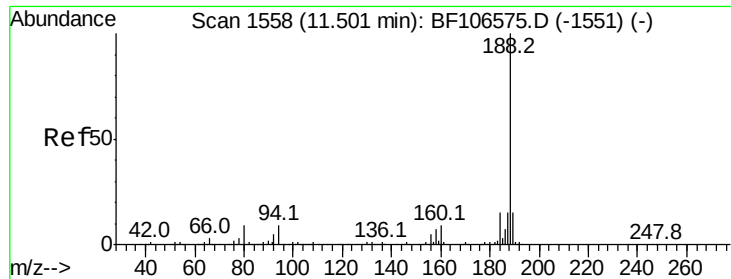
Sohil
7/9/2018 2:06:32 PM



#62
Azobenzene
Concen: 35.698 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.0	1.7	41.7
105	25.7	3.0	43.0
51	26.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

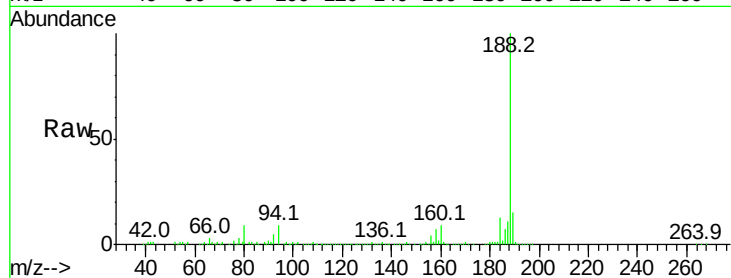
ClientSampleId :

SURCHARGE-SP-1MS

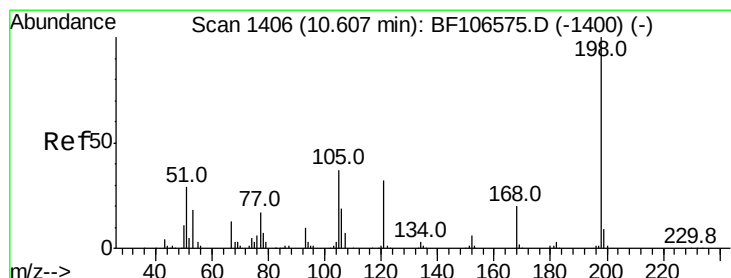
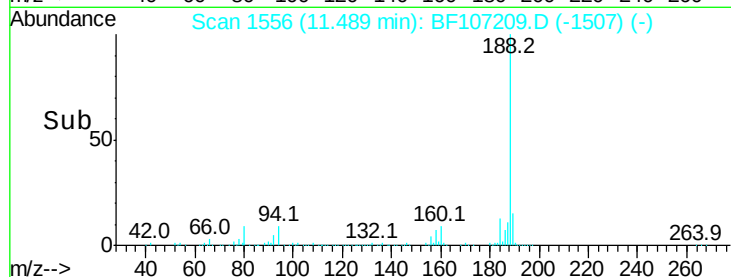
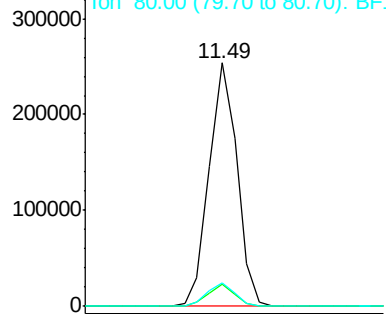
Tot Ion:	188	Resp:	232692
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 16.398 ng

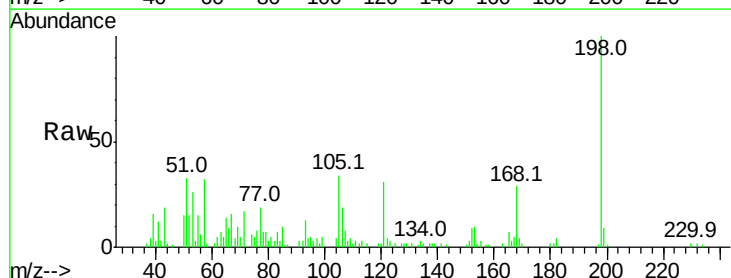
RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

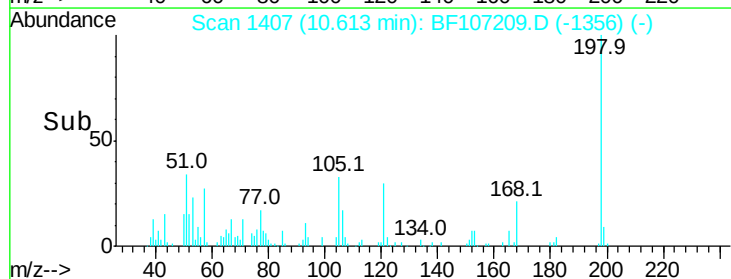
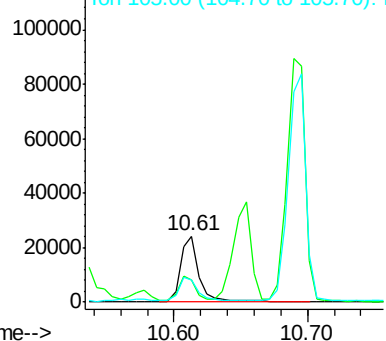
Lab File: BF107209.D

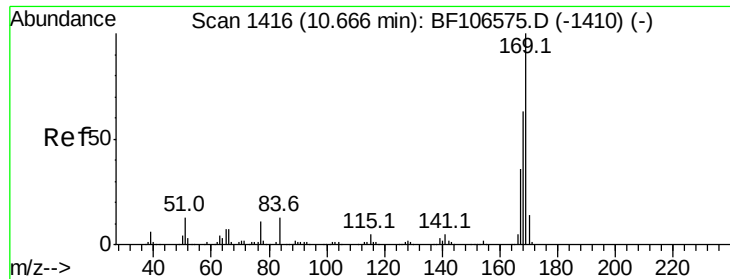
Acq: 7 Jul 2018 16:27

Tgt Ion:	198	Resp:	23586
Ion Ratio	Lower	Upper	
198	100		
51	33.3	37.7	77.7#
105	34.2	36.3	76.3#



Abundance Ion 198.00 (197.70 to 198.70): E





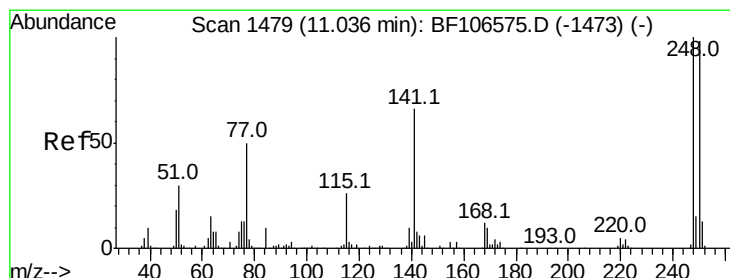
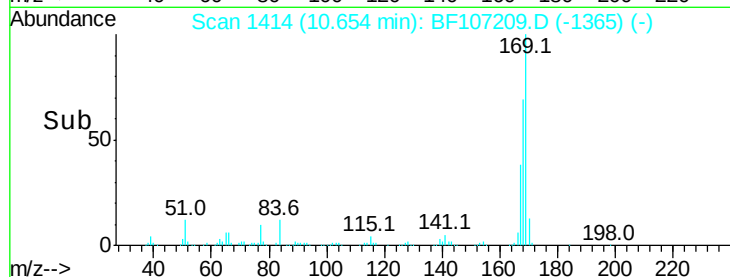
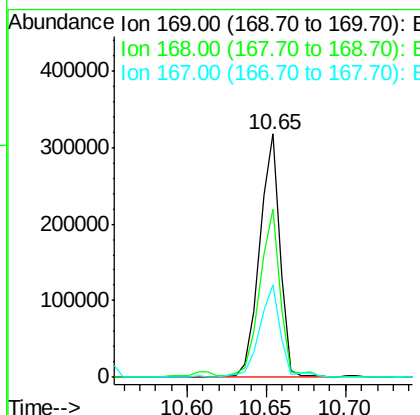
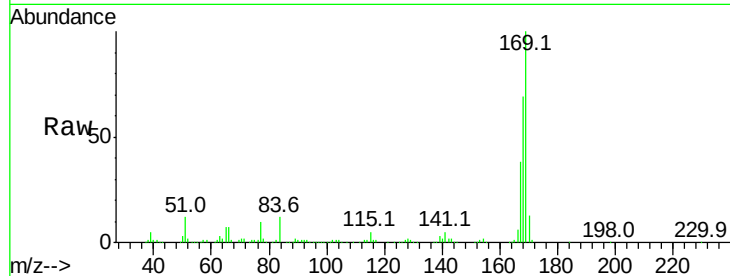
#65
n-Nitrosodiphenylamine
Concen: 36.144 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	282887		
168	69.2		54.4	81.6
167	37.9		29.8	44.6

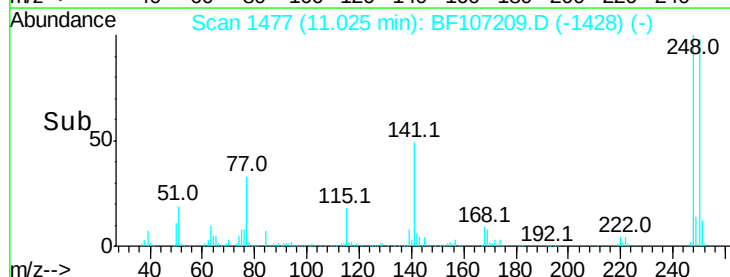
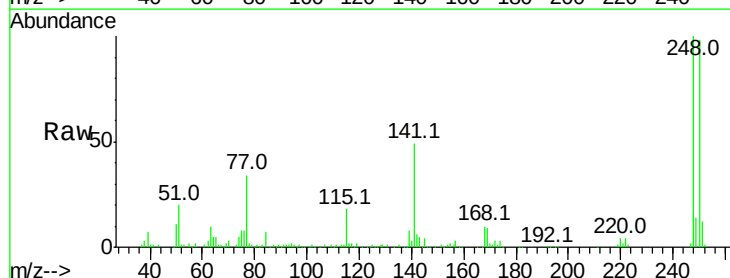
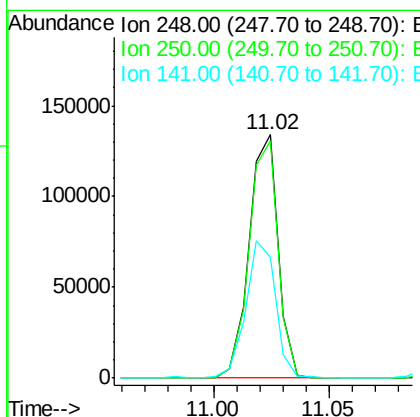
Manual Integrations
APPROVED

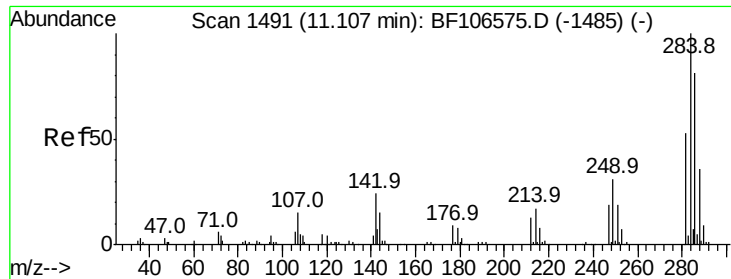
Sohil
7/9/2018 2:06:32 PM



#66
4-Bromophenyl-phenylether
Concen: 42.491 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	118000		
250	97.6		76.9	115.3
141	49.4		74.4	111.6#





#67

Hexachlorobenzene

Concen: 41.558 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

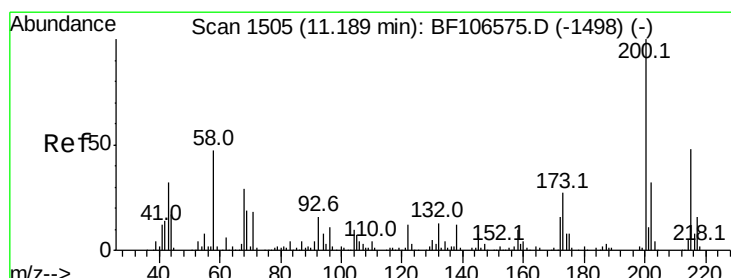
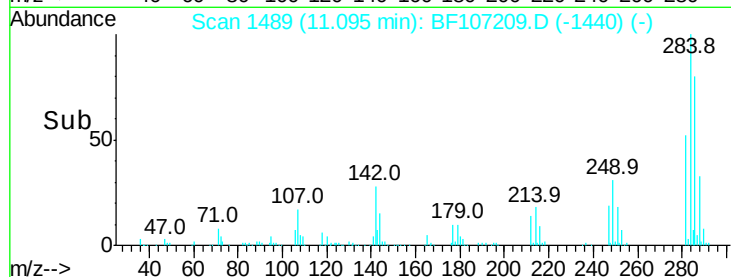
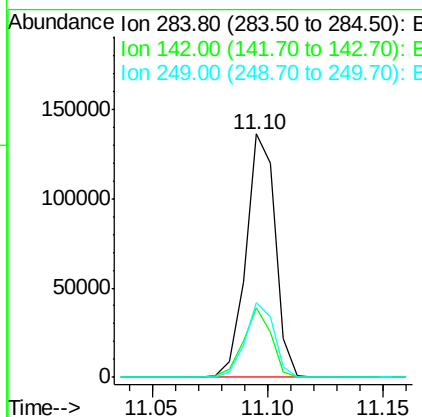
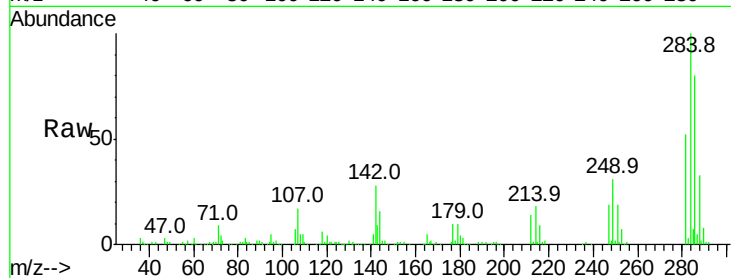
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	284	Resp:	120792
Ion Ratio	Lower	Upper	
284	100		
142	28.4	34.6	52.0#
249	30.8	24.8	37.2

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#68

Atrazine

Concen: 39.381 ng

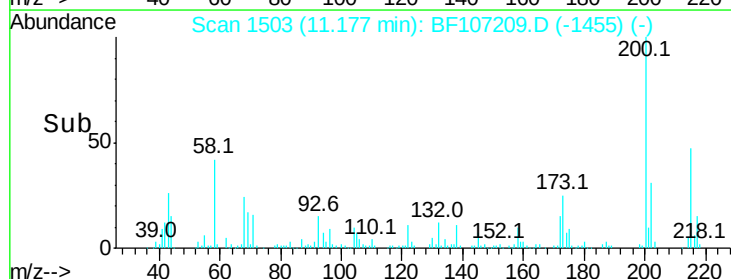
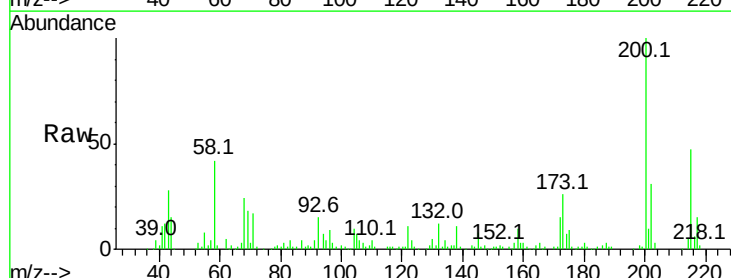
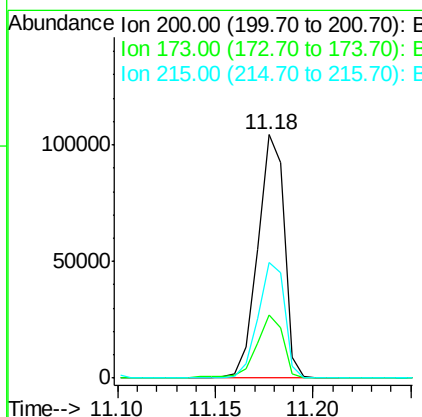
RT: 11.18 min Scan# 1503

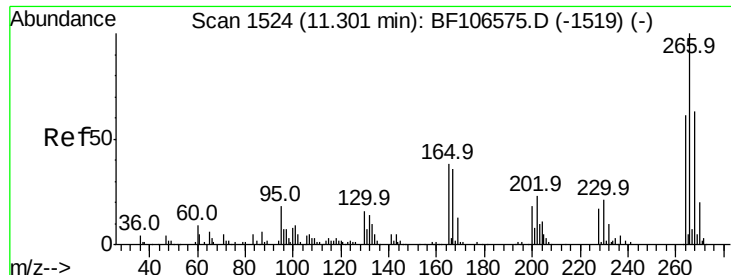
Delta R.T. -0.02 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	200	Resp:	97985
Ion Ratio	Lower	Upper	
200	100		
173	25.7	8.6	48.6
215	47.3	25.1	65.1





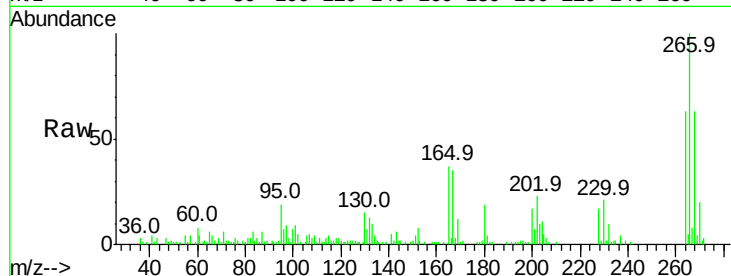
#69
 Pentachlorophenol
 Concen: 44.511 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

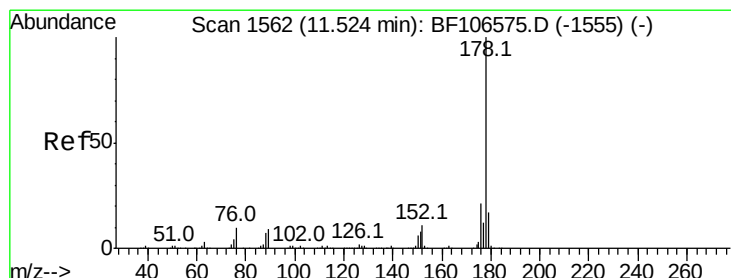
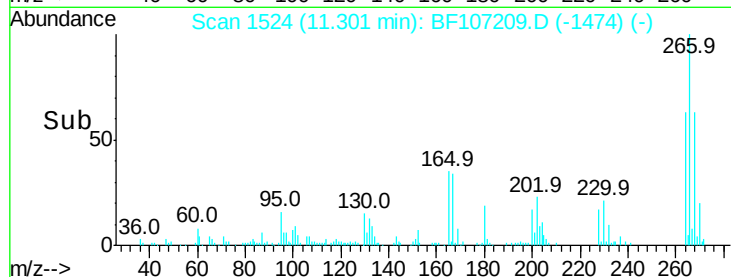
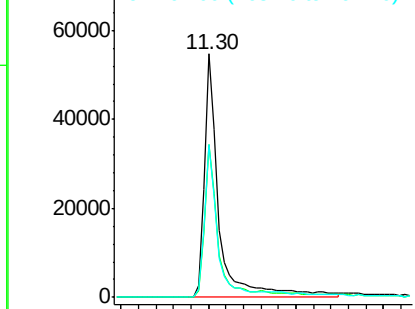
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	62.6	49.5	74.3

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:32 PM



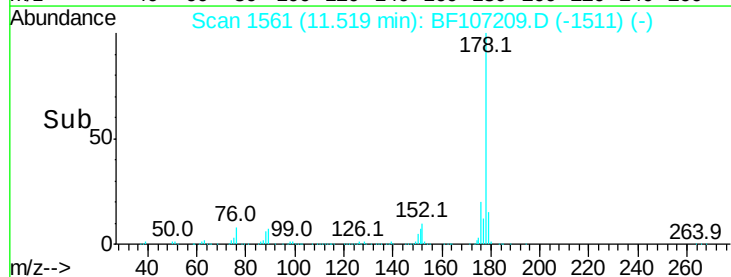
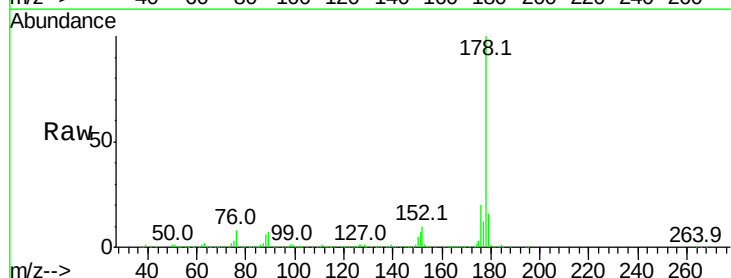
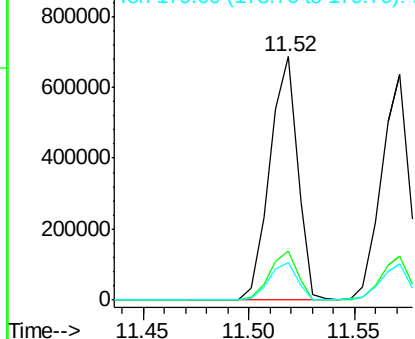
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

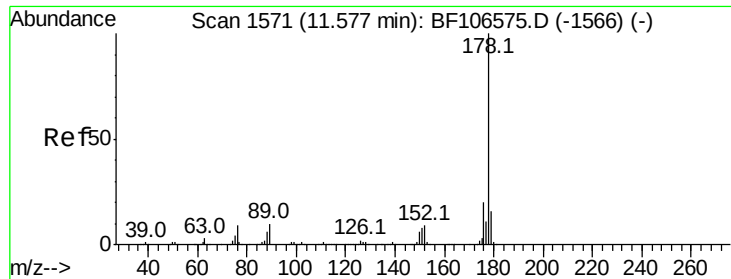


#70
 Phenanthrene
 Concen: 56.327 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.6	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





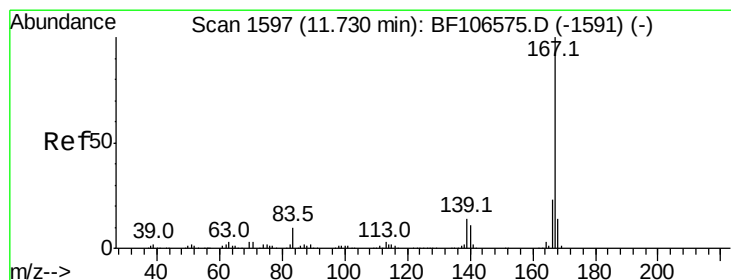
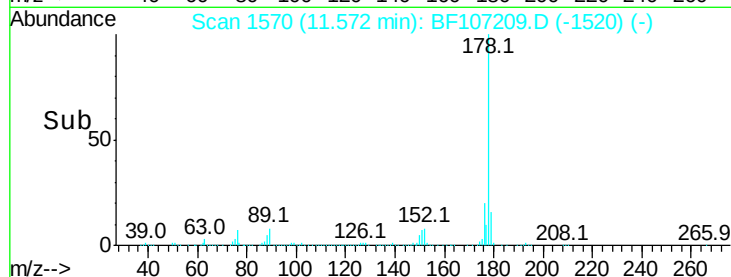
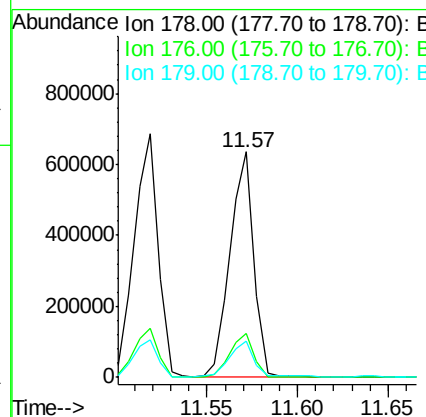
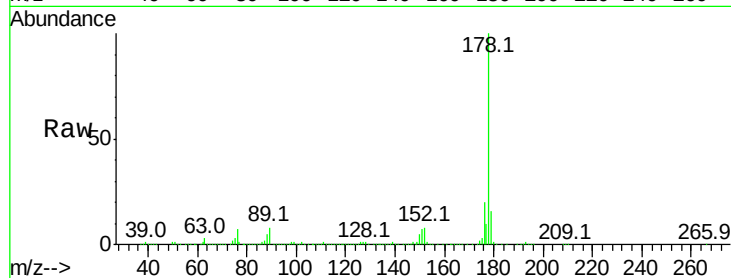
#71
 Anthracene
 Concen: 50.643 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.9	12.6	19.0

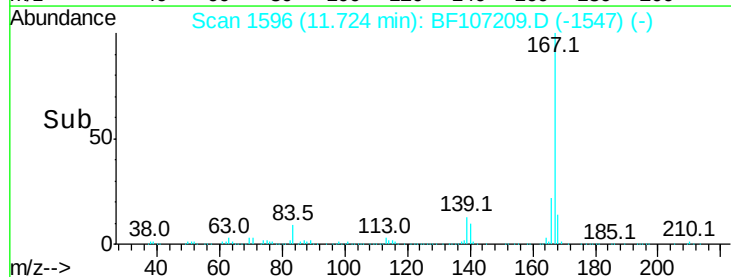
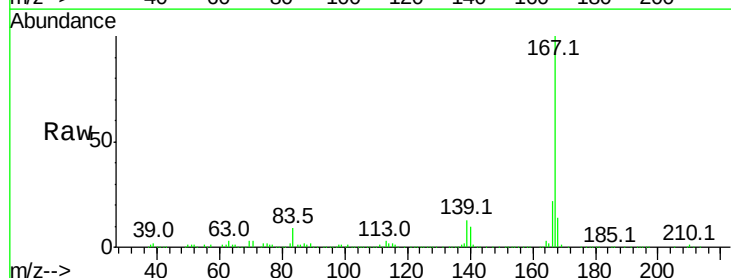
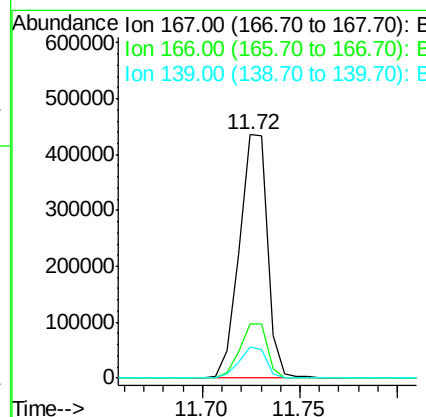
Manual Integrations
 APPROVED

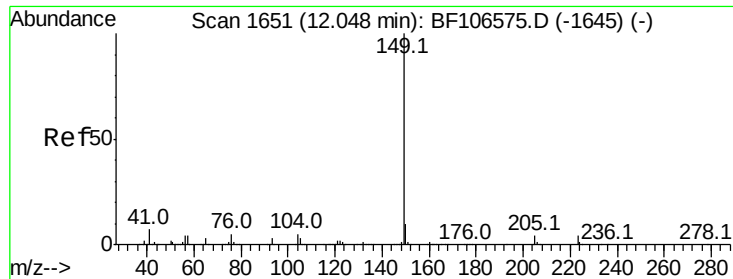
Sohil
 7/9/2018 2:06:32 PM



#72
 Carbazole
 Concen: 40.516 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.978 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

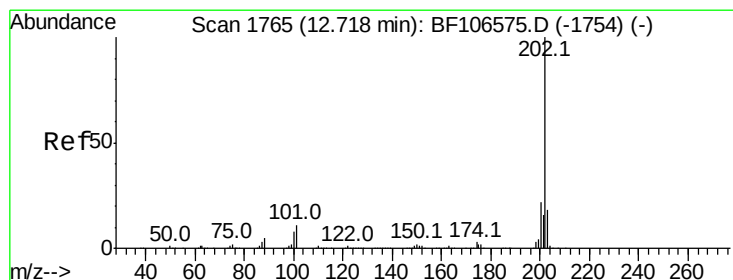
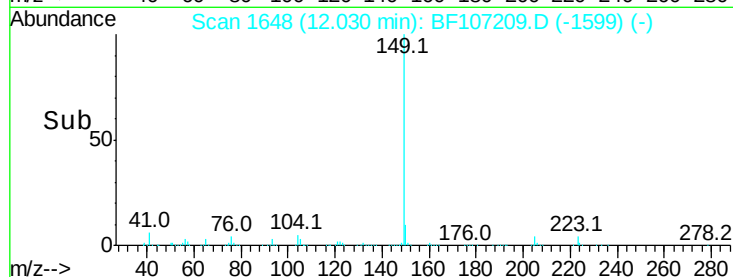
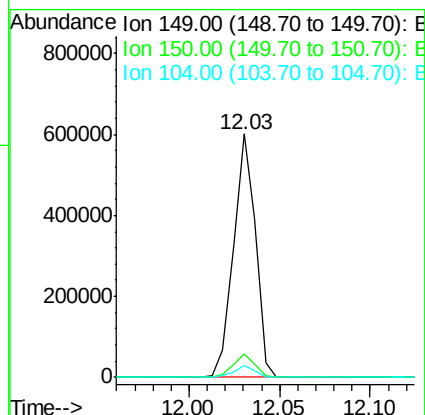
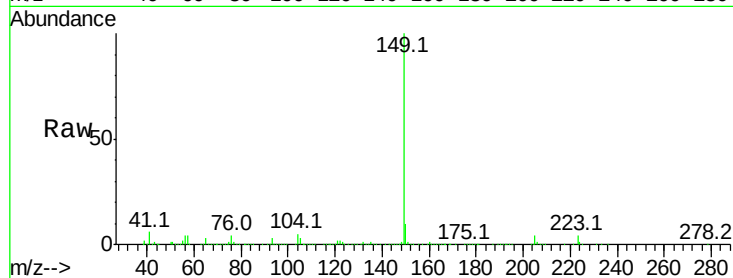
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	149	Resp:	505130
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.6	3.8	5.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#74

Fluoranthene

Concen: 69.908 ng

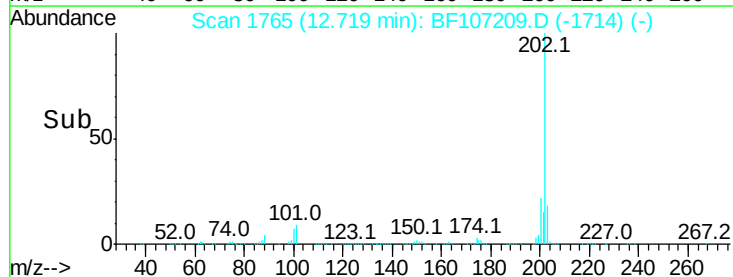
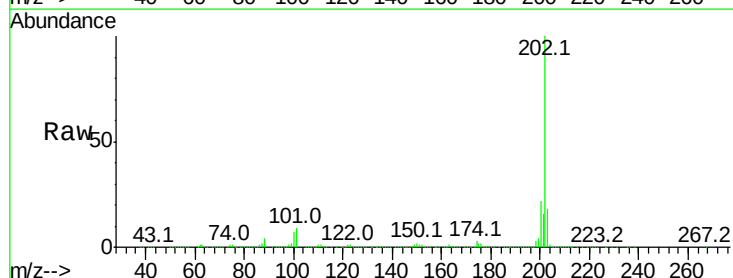
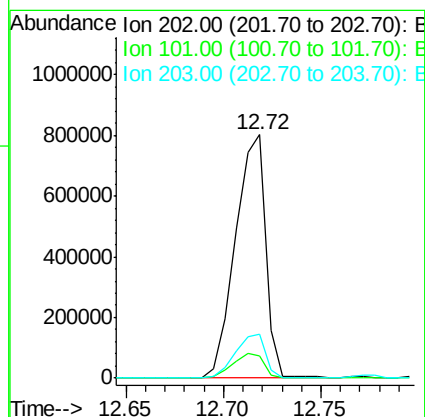
RT: 12.72 min Scan# 1765

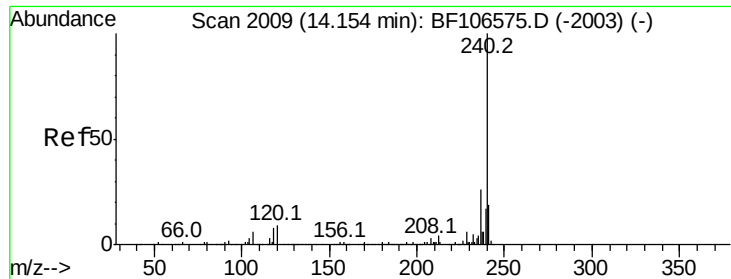
Delta R.T. 0.00 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	202	Resp:	864782
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

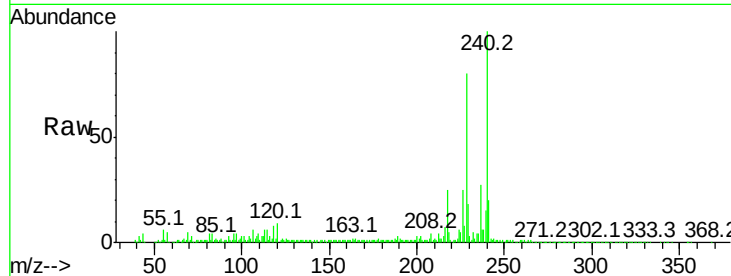
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	240	Resp:	152274
Ion Ratio	Lower	Upper	
240	100		
120	9.0	9.5	14.3#
236	26.7	20.7	31.1

Manual Integrations
APPROVED

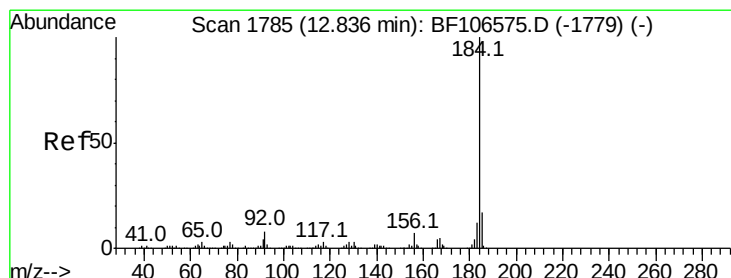
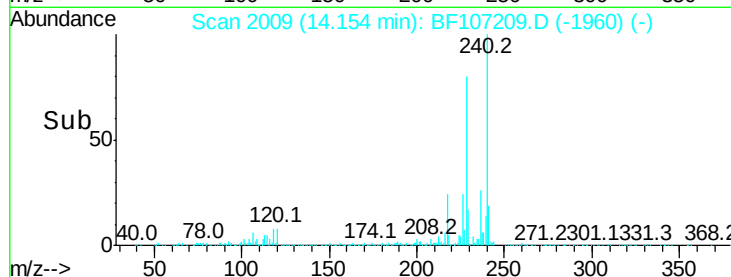
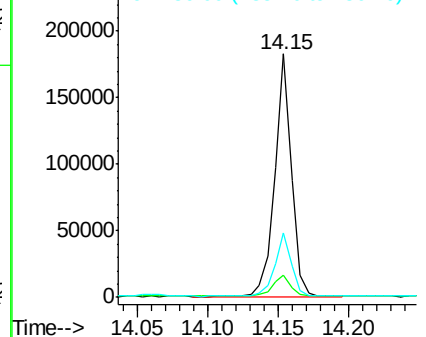
Sohil
7/9/2018 2:06:32 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.277 ng

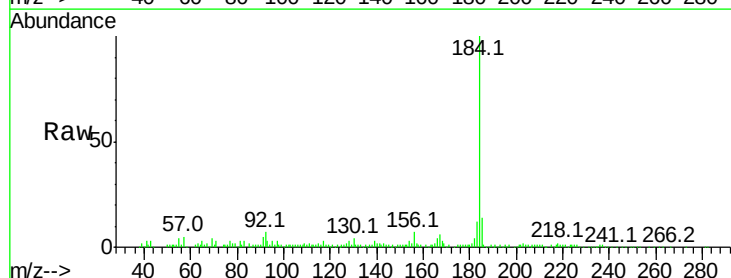
RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

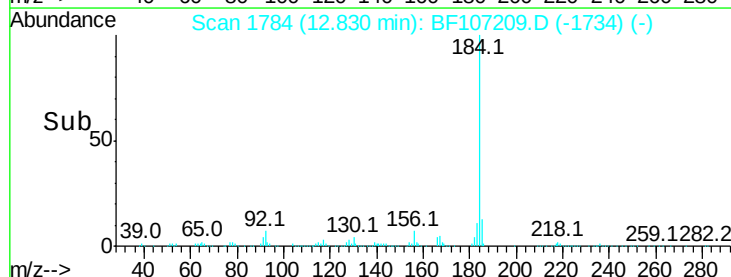
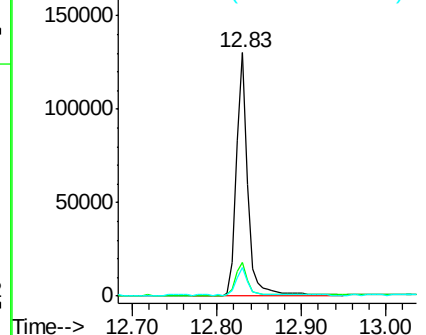
Tgt Ion:	184	Resp:	122630
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.6	18.8
183	11.6	9.3	13.9

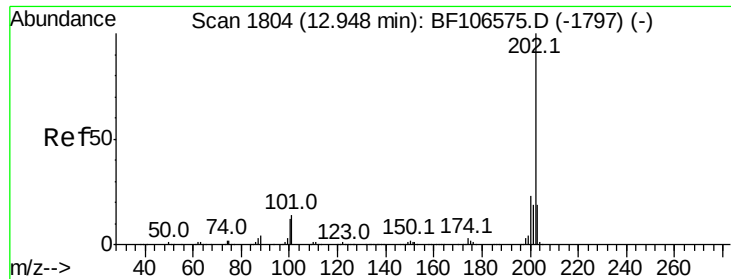


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 86.991 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

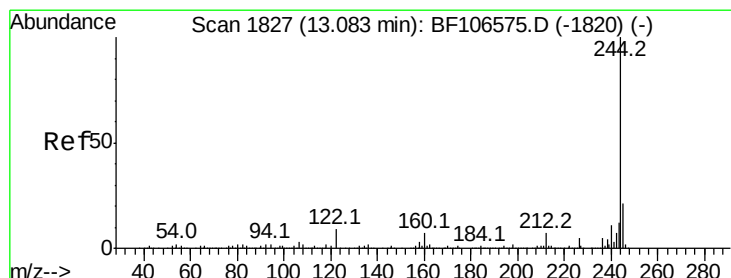
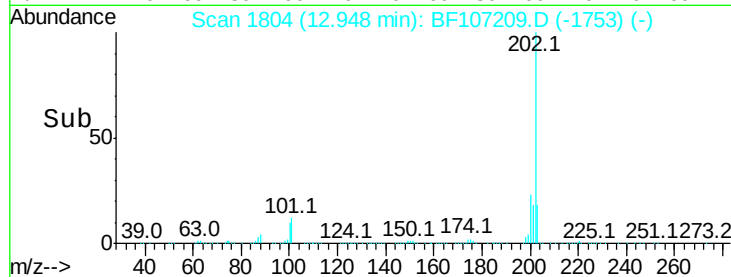
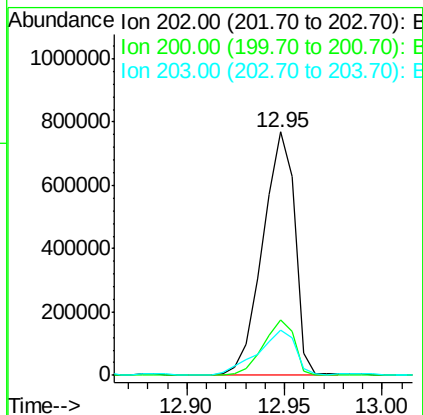
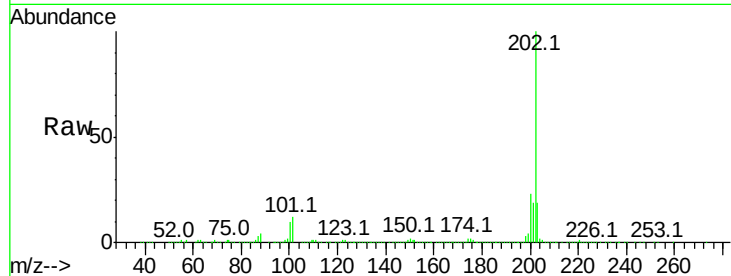
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	202	Resp:	873515
Ion Ratio		Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.7	14.3	21.5

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#78

Terphenyl-d14

Concen: 119.274 ng

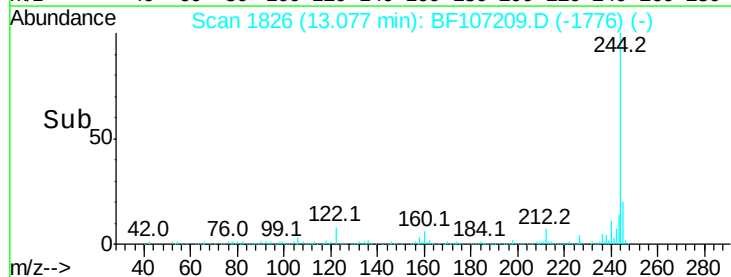
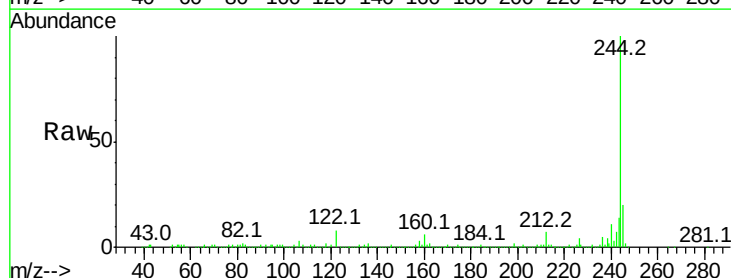
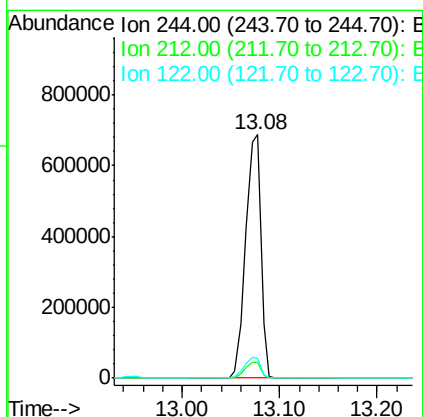
RT: 13.08 min Scan# 1826

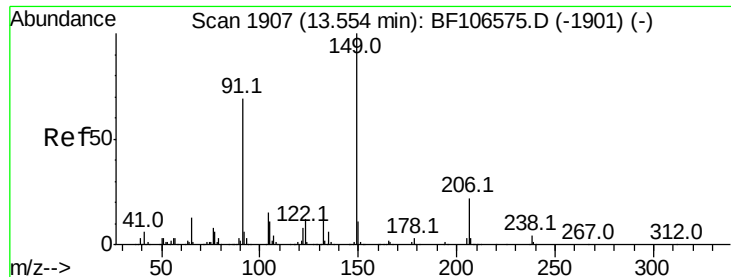
Delta R.T. -0.01 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	244	Resp:	749800
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.0	11.0	16.4#





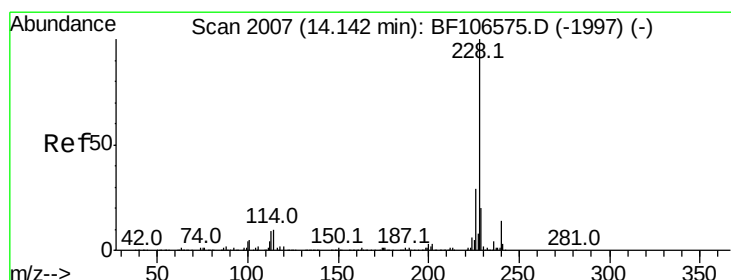
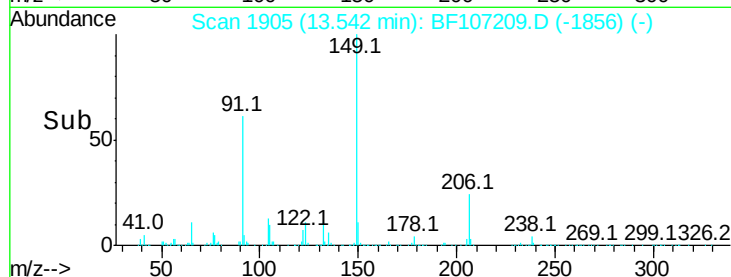
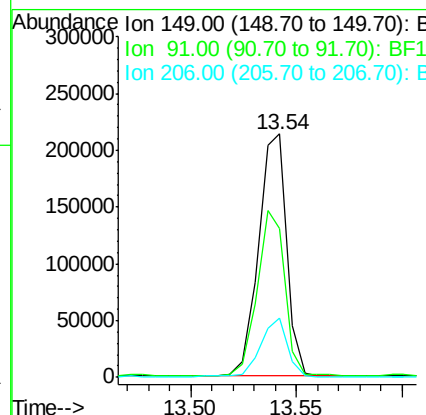
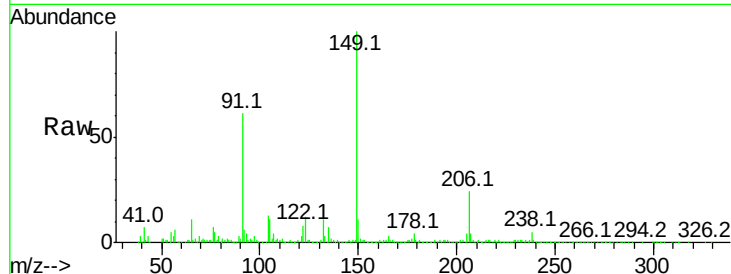
#79
Butylbenzylphthalate
Concen: 47.596 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	196501		
91	61.3	56.8	85.2	
206	24.3	14.1	21.1	

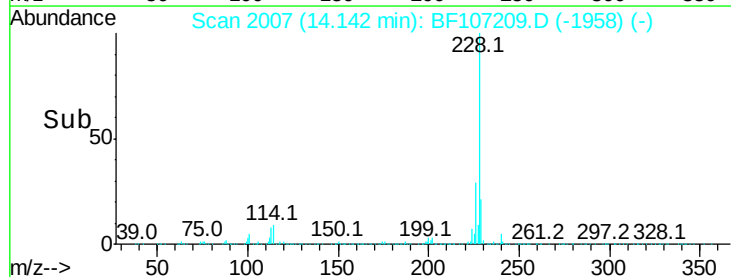
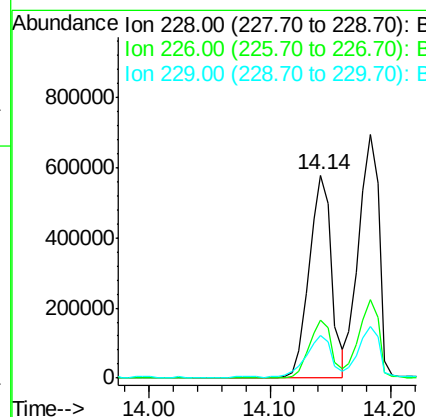
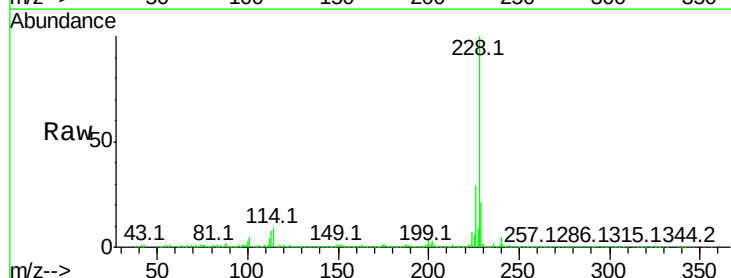
Manual Integrations
APPROVED

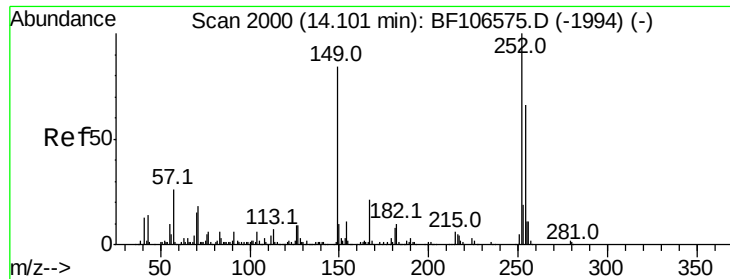
Sohil
7/9/2018 2:06:32 PM



#80
Benzo(a)anthracene
Concen: 79.588 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	738627		
226	28.9	22.6	33.8	
229	21.0	15.8	23.6	





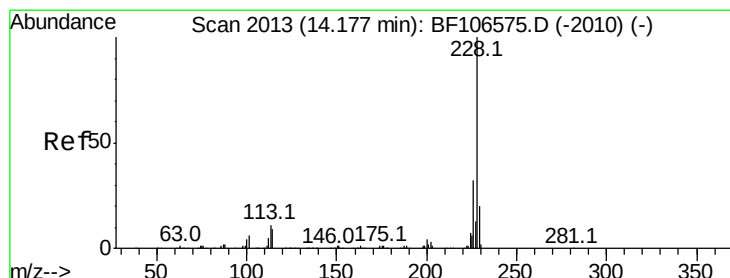
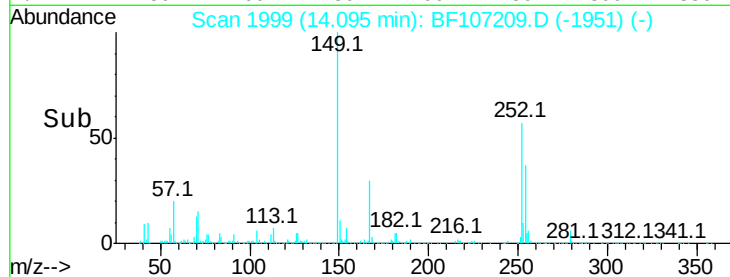
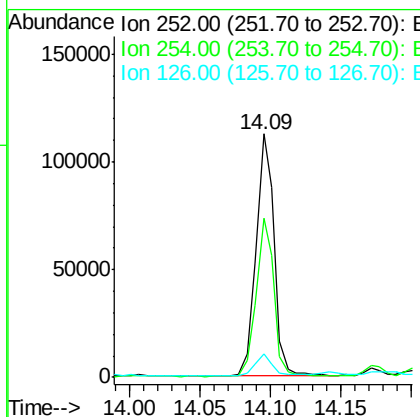
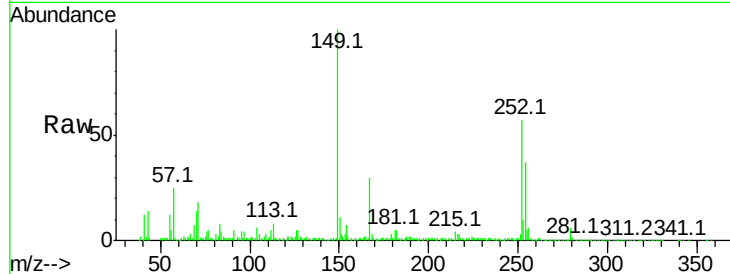
#81
3,3'-Dichlorobenzidine
Concen: 31.181 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	9.7	11.3	16.9

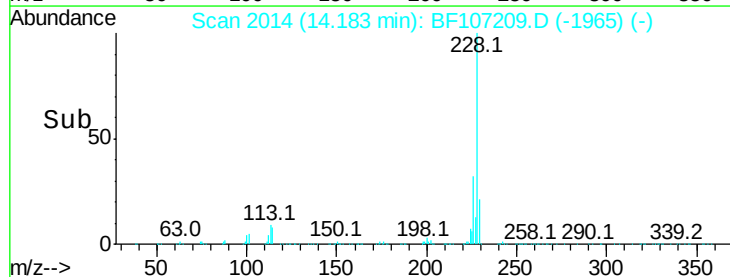
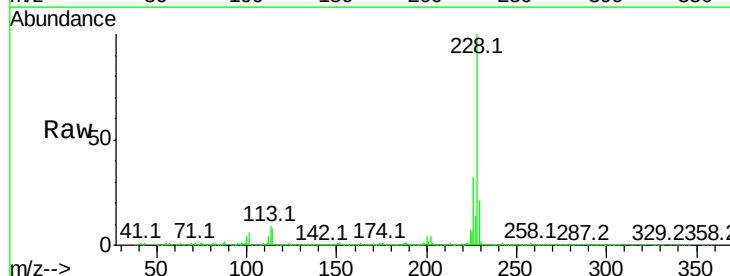
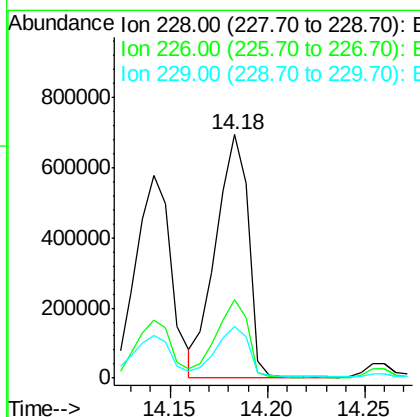
Manual Integrations
APPROVED

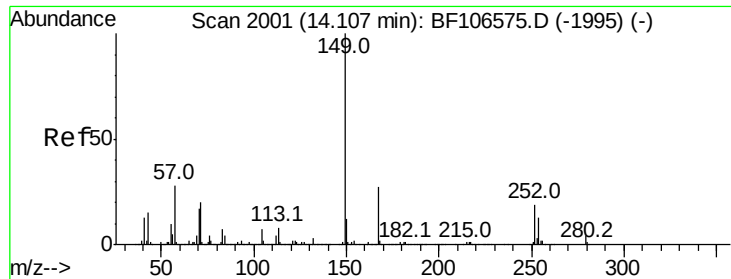
Sohil
7/9/2018 2:06:32 PM



#82
Chrysene
Concen: 94.100 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107209.D
Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	21.3	16.2	24.4





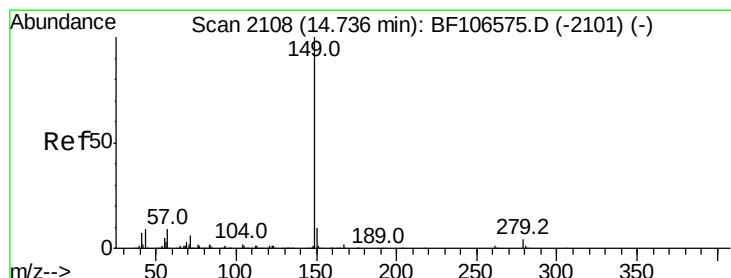
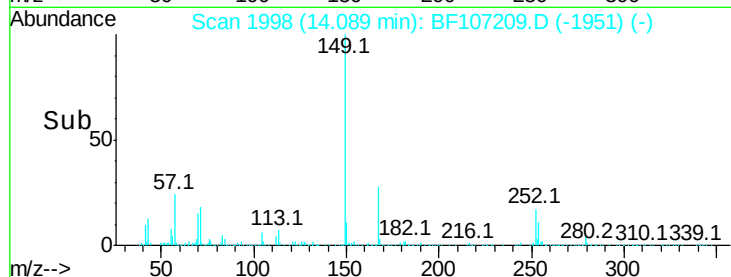
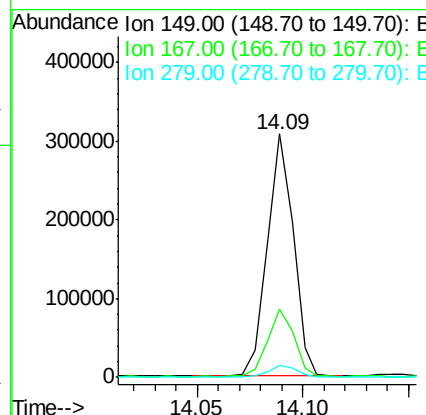
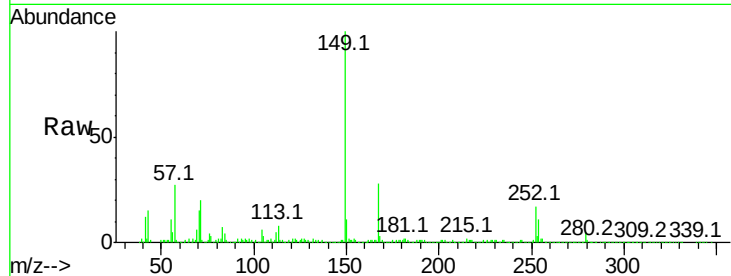
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.390 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.3	31.9
279	4.7	3.0	4.4#

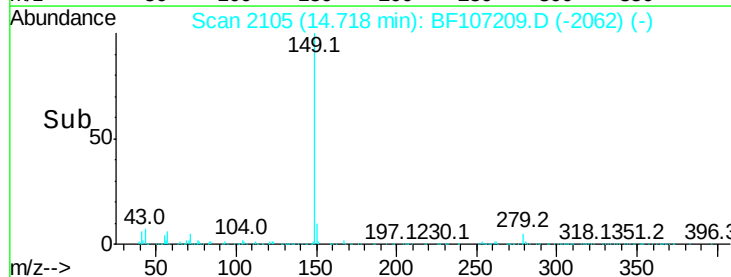
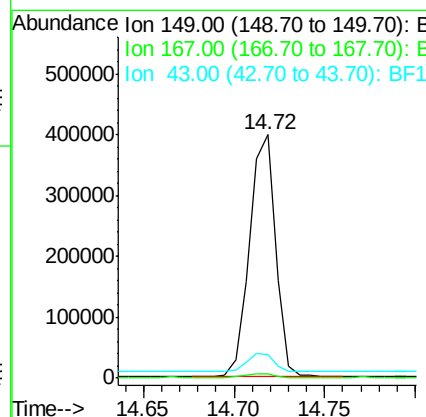
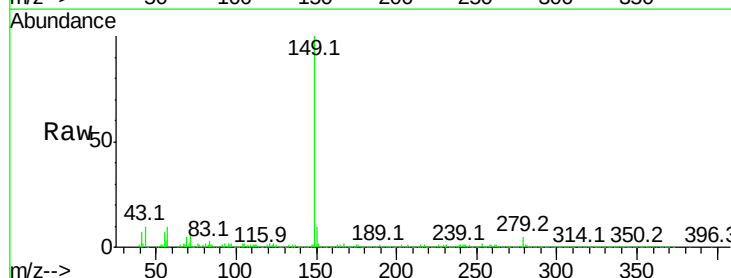
Manual Integrations
 APPROVED

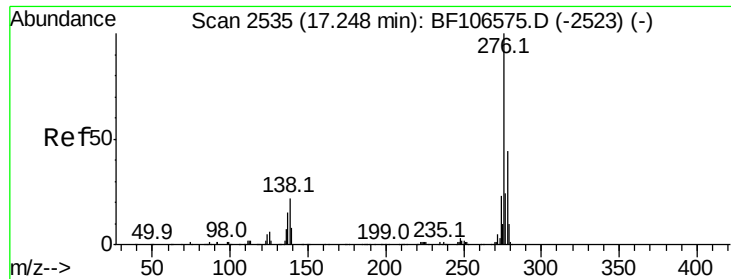
Sohil
 7/9/2018 2:06:32 PM



#84
 Di-n-octyl phthalate
 Concen: 45.853 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.05 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	7.9	8.4	12.6#





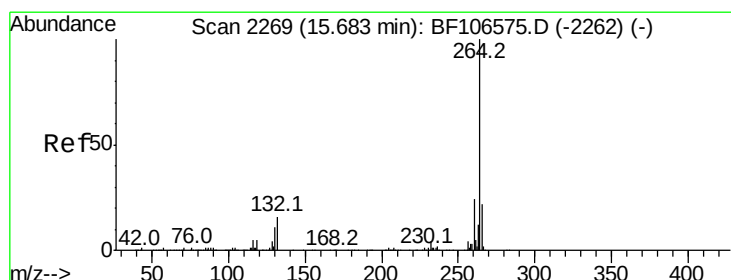
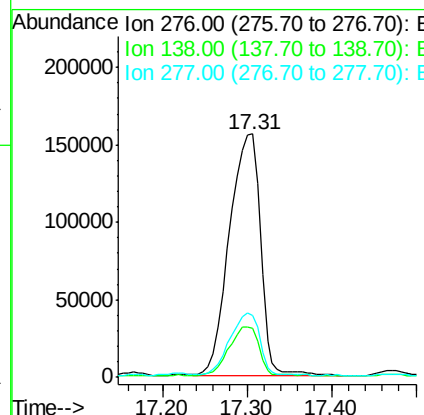
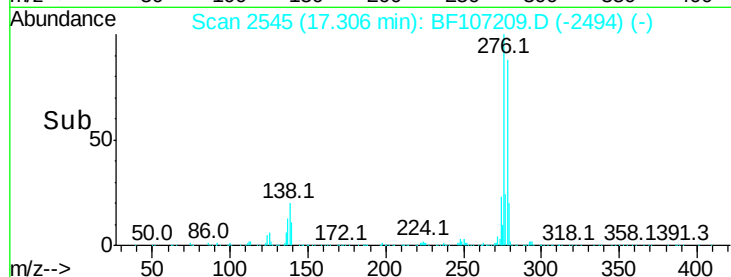
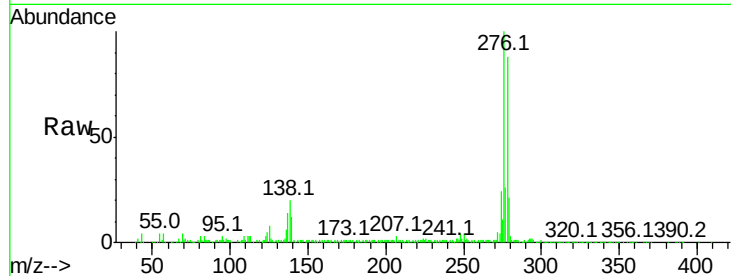
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.545 ng
 RT: 17.31 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	25.0	37.6#
277	24.7	20.1	30.1

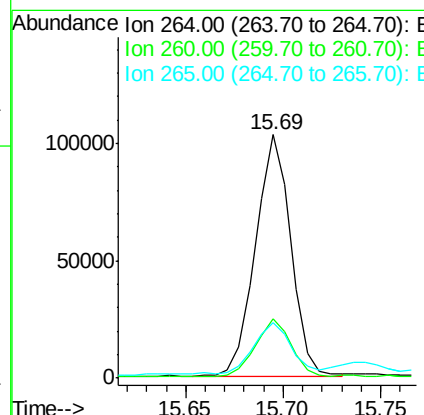
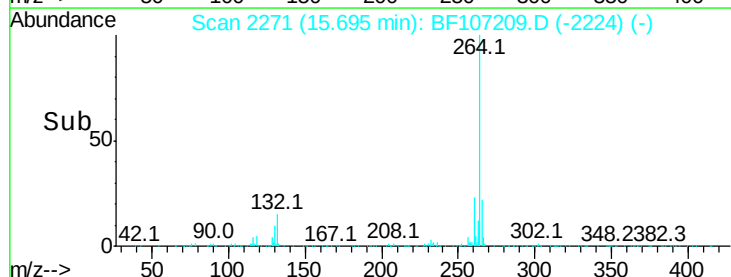
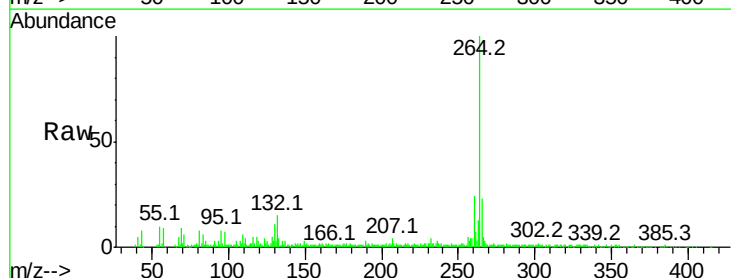
Manual Integrations
 APPROVED

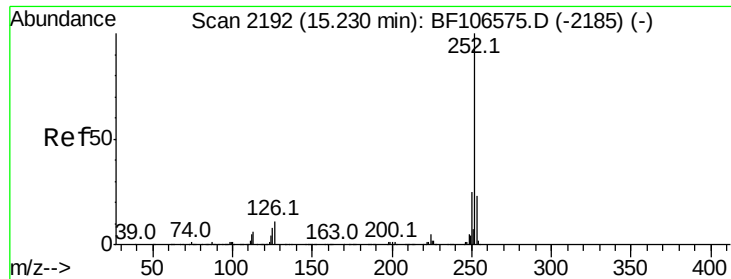
Sohil
 7/9/2018 2:06:32 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF107209.D
 Acq: 7 Jul 2018 16:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 76.838 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

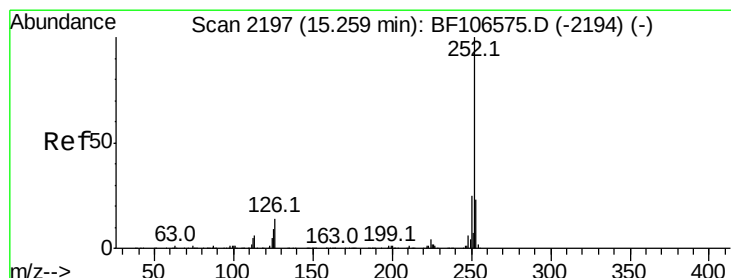
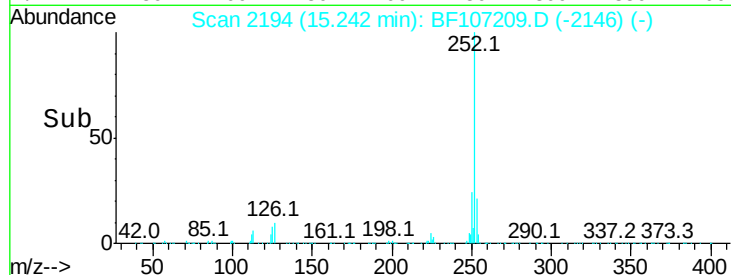
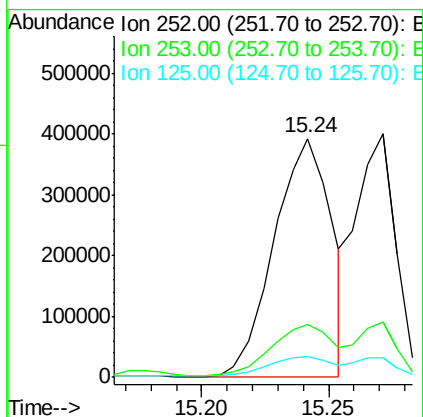
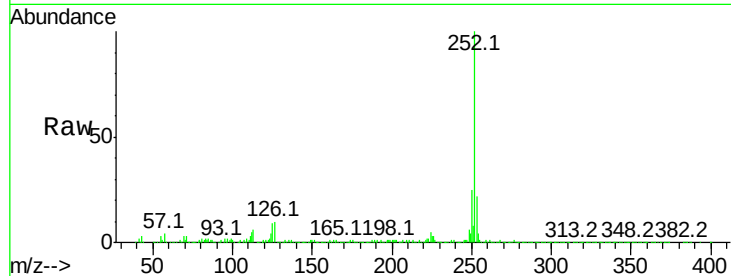
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	252	Resp:	614461
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	8.9	9.0	13.6#

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#88

Benzo(k)fluoranthene

Concen: 57.243 ng

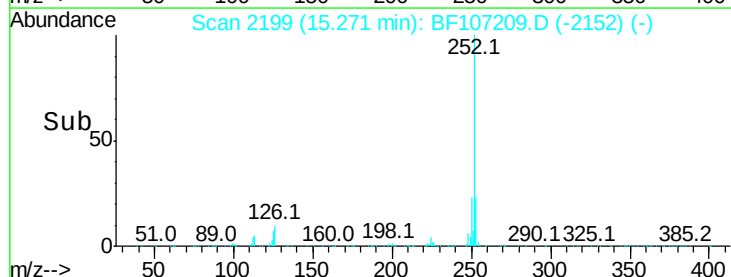
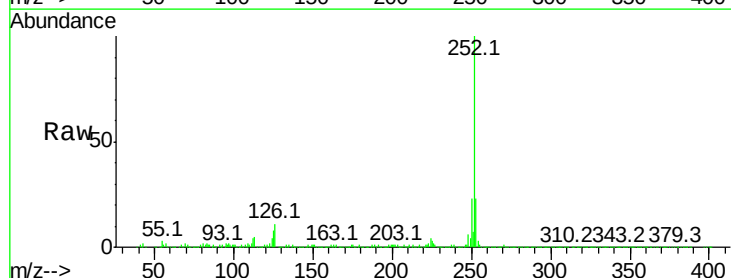
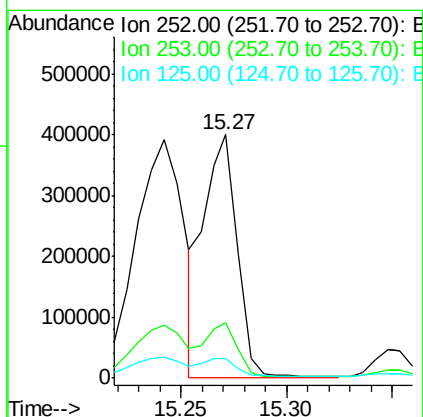
RT: 15.27 min Scan# 2199

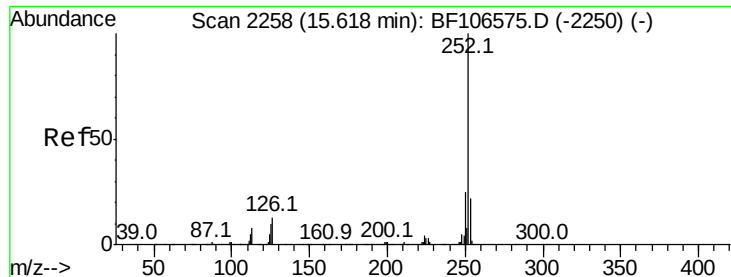
Delta R.T. -0.02 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	252	Resp:	435927
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.9	26.9
125	7.9	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 67.518 ng/mL

RT: 15.64 min Scan# 2261

Delta R.T. -0.02 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

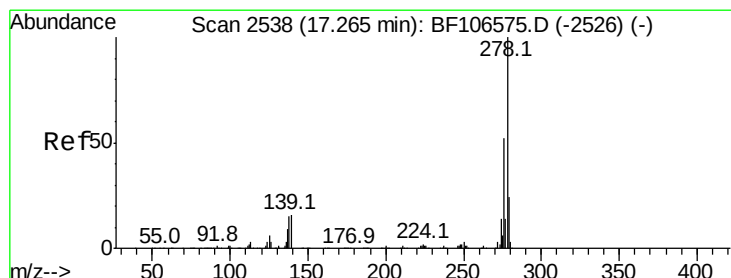
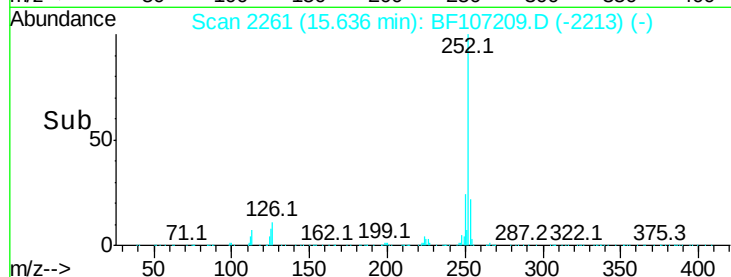
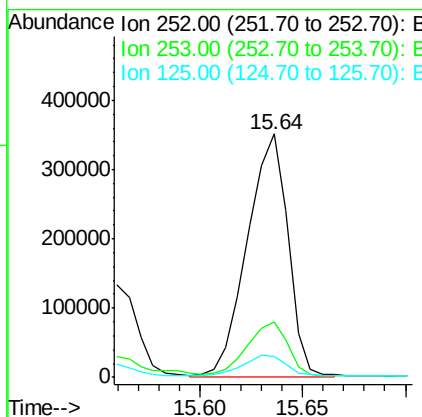
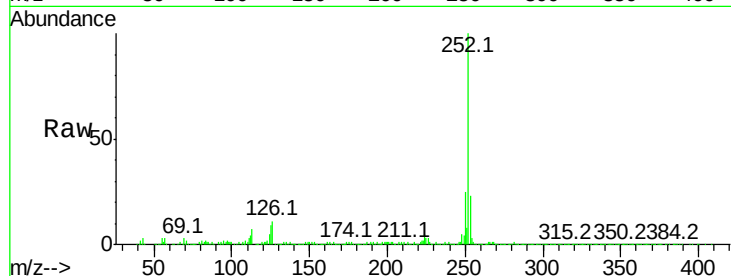
ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion:	252	Resp:	479987
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	8.8	9.8	14.6

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM



#90

Dibenzo(a,h)anthracene

Concen: 44.019 ng/mL

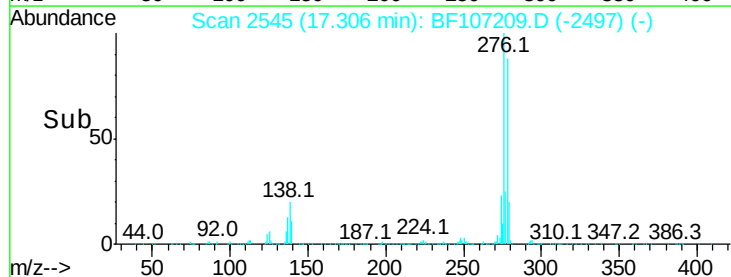
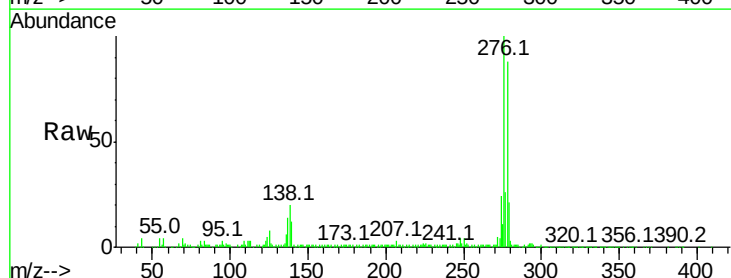
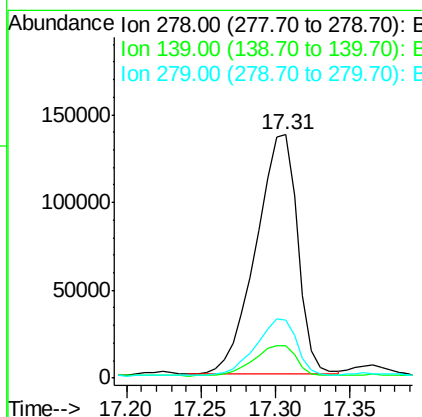
RT: 17.31 min Scan# 2545

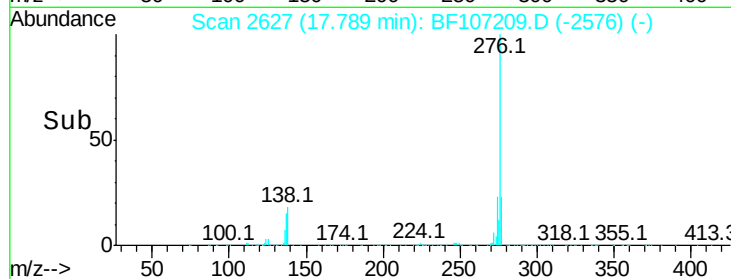
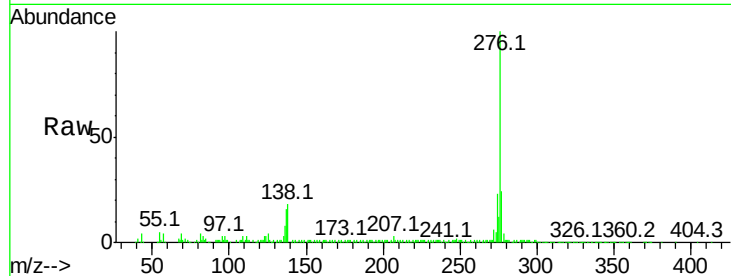
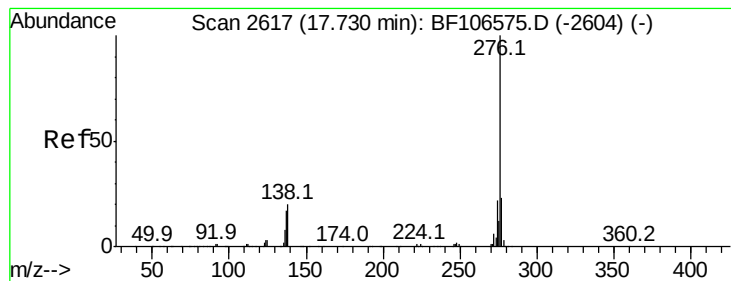
Delta R.T. -0.02 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Tgt Ion:	278	Resp:	265207
Ion Ratio	Lower	Upper	
278	100		
139	13.3	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 58.058 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.00 min

Lab File: BF107209.D

Acq: 7 Jul 2018 16:27

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	18.2	21.8	32.8

Manual Integrations
APPROVED

Sohil
7/9/2018 2:06:32 PM

