

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103989.D
 Acq On : 27 Mar 2018 23:51
 Operator : JU/SJ
 Sample : J2075-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Manual Integrations
 APPROVED

Sohil
 3/28/2018 4:54:45 PM

Quant Time: Mar 28 06:51:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136055	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	544304	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	240587	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	377089	20.00	ng	0.00
75) Chrysene-d12	14.16	240	247435	20.00	ng	0.00
86) Perylene-d12	15.70	264	220078	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1040077	116.27	ng	0.02
7) Phenol-d6	6.62	99	1233734	112.73	ng	0.02
23) Nitrobenzene-d5	7.54	82	740105	94.82	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	269740	130.40	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1287809	85.38	ng	0.00
78) Terphenyl-d14	13.09	244	987342	92.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	117131	26.593	ng	# 88
3) Pyridine	3.68	79	307962m	25.420	ng	
4) n-Nitrosodimethylamine	3.63	42	127929m	28.639	ng	
6) Aniline	6.65	93	388131	24.838	ng	95
8) 2-Chlorophenol	6.76	128	347478	37.082	ng	96
9) Benzaldehyde	6.53	77	73405	10.210	ng	95
10) Phenol	6.63	94	444064	38.186	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	342657	35.694	ng	92
12) 1,3-Dichlorobenzene	6.92	146	364386	34.142	ng	98
13) 1,4-Dichlorobenzene	6.99	146	374869	34.955	ng	99
14) 1,2-Dichlorobenzene	7.15	146	344463	34.614	ng	98
15) Benzyl Alcohol	7.12	79	274286	32.348	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	399035	29.225	ng	73
17) 2-Methylphenol	7.23	107	283927	34.025	ng	95
18) Hexachloroethane	7.48	117	104926	27.814	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	222836	31.772	ng	92
20) 3+4-Methylphenols	7.37	107	351230	33.166	ng	# 80
22) Acetophenone	7.39	105	457636	32.714	ng	96
24) Nitrobenzene	7.56	77	336820	36.757	ng	96
25) Isophorone	7.79	82	631359	34.942	ng	99
26) 2-Nitrophenol	7.87	139	139993	41.699	ng	96
27) 2,4-Dimethylphenol	7.90	122	314188	40.590	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	415728	37.997	ng	99
29) 2,4-Dichlorophenol	8.12	162	289146	41.059	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	293351	35.915	ng	98
31) Naphthalene	8.28	128	1008259	36.670	ng	100
32) Benzoic acid	7.99	122	63799m	19.176	ng	
33) 4-Chloroaniline	8.33	127	312664	27.105	ng	97
34) Hexachlorobutadiene	8.39	225	154357	34.468	ng	99
35) Caprolactam	8.69	113	88937	36.676	ng	# 78
36) 4-Chloro-3-methylphenol	8.81	107	299991	38.641	ng	97
37) 2-Methylnaphthalene	8.97	142	654186	37.518	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	268498	39.119	ng	98
40) Hexachlorocyclopentadiene	9.11	237	38907	10.985	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103989.D
 Acq On : 27 Mar 2018 23:51
 Operator : JU/SJ
 Sample : J2075-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

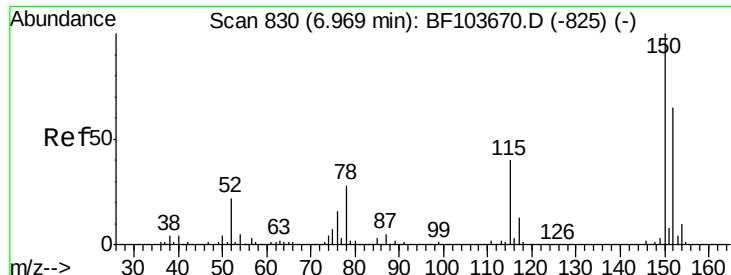
Manual Integrations
 APPROVED

Sohil
 3/28/2018 4:54:45 PM

Quant Time: Mar 28 06:51:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	181950	41.445	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	194642	39.281	nq	94
45) 1,1'-Biphenyl	9.43	154	763676	38.067	nq	99
46) 2-Chloronaphthalene	9.46	162	579670	36.379	nq	98
47) 2-Nitroaniline	9.56	65	188853	45.689	nq	94
48) Acenaphthylene	9.88	152	961022	38.894	nq	100
49) Dimethylphthalate	9.73	163	825534	44.975	nq	100
50) 2,6-Dinitrotoluene	9.80	165	138357	39.715	nq	92
51) Acenaphthene	10.05	154	520734	35.493	nq	99
52) 3-Nitroaniline	9.97	138	170842	40.770	nq	98
53) 2,4-Dinitrophenol	10.08	184	6509	17.983	nq #	46
54) Dibenzofuran	10.22	168	775809	37.025	nq	100
55) 4-Nitrophenol	10.14	139	208972	63.290	nq	93
56) 2,4-Dinitrotoluene	10.20	165	174345	39.953	nq #	93
57) Fluorene	10.57	166	676551	41.609	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	142508	40.588	nq	92
59) Diethylphthalate	10.43	149	663876	36.440	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	280575	37.758	nq	97
61) 4-Nitroaniline	10.59	138	170754	42.184	nq	94
62) Azobenzene	10.72	77	577022	31.153	nq	90
64) 4,6-Dinitro-2-methylphenol	10.62	198	6880	13.390	nq	92
65) n-Nitrosodiphenylamine	10.67	169	532678	41.501	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	165490	42.743	nq	89
67) Hexachlorobenzene	11.12	284	171234	38.750	nq #	87
68) Atrazine	11.20	200	147875	37.243	nq	99
69) Pentachlorophenol	11.31	266	149528	58.857	nq	97
70) Phenanthrene	11.53	178	1115572	54.081	nq	99
71) Anthracene	11.59	178	876740	41.848	nq	99
72) Carbazole	11.75	167	712110	34.971	nq	99
73) Di-n-butylphthalate	12.05	149	946864	38.753	nq	99
74) Fluoranthene	12.73	202	974441	45.854	nq	99
76) Benzidine	12.85	184	433711	41.098	nq	98
77) Pyrene	12.96	202	1048140	57.681	nq	100
79) Butylbenzylphthalate	13.56	149	343313	42.643	nq	91
80) Benzo(a)anthracene	14.15	228	745114	47.573	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	203134	38.773	nq	97
82) Chrysene	14.19	228	702653	47.062	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	447645	38.921	nq	98
84) Di-n-octyl phthalate	14.74	149	753749	45.047	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	516209	39.591	nq	96
87) Benzo(b)fluoranthene	15.25	252	645911	46.455	nq	99
88) Benzo(k)fluoranthene	15.28	252	547500	40.964	nq	98
89) Benzo(a)pyrene	15.64	252	598043	47.422	nq	99
90) Dibenzo(a,h)anthracene	17.31	278	403290	36.932	nq	98
91) Benzo(g,h,i)perylene	17.79	276	425451	40.049	nq	96

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



#1

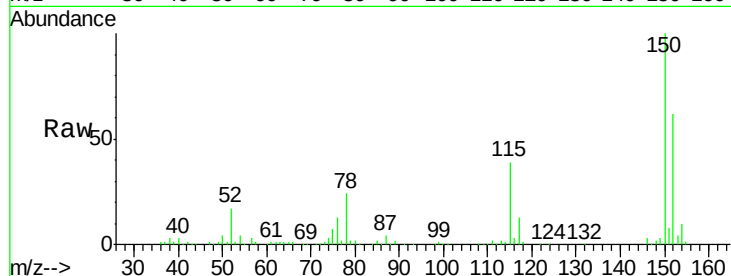
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	62.8	50.1	75.1

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



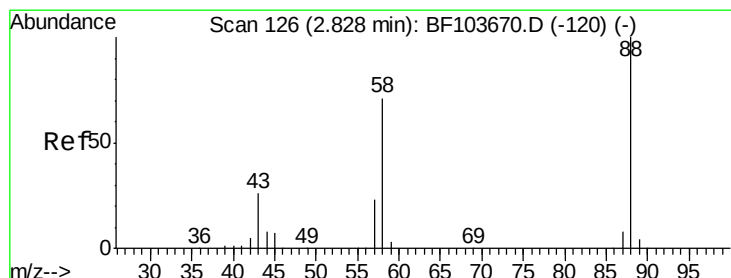
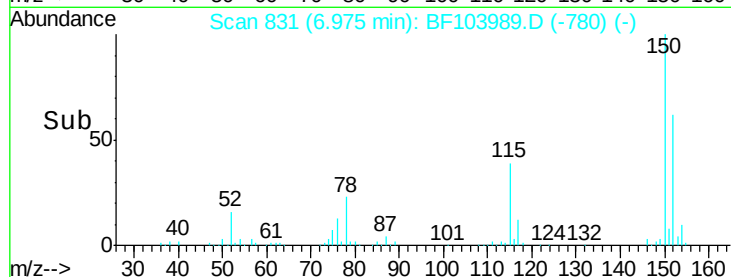
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

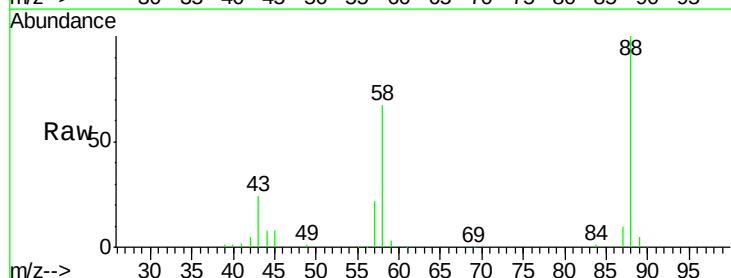
Time-->



#2

1,4-Dioxane
Concen: 26.593 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.05 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	62.6	93.8
43	22.4	24.6	37.0



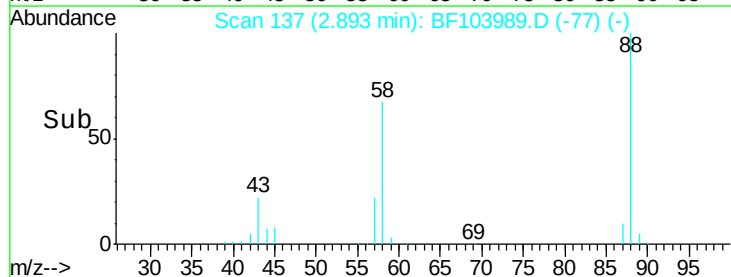
Abundance

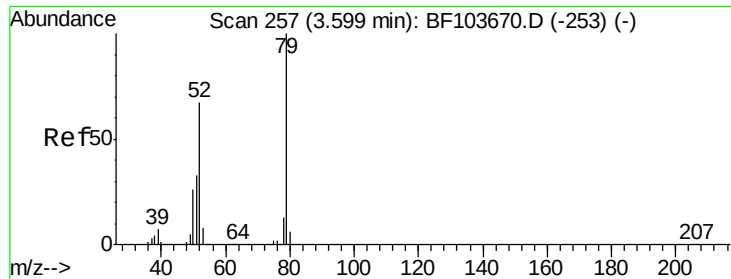
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 25.420 ng/ml

RT: 3.68 min Scan# 271

Delta R.T. 0.06 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

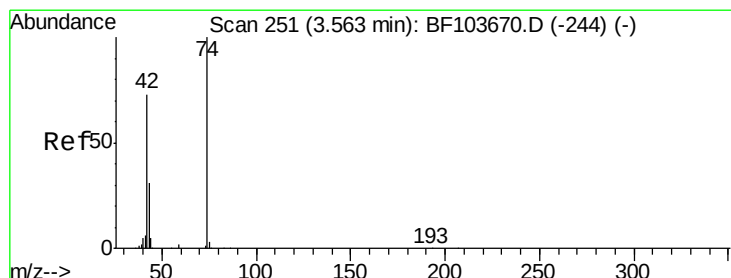
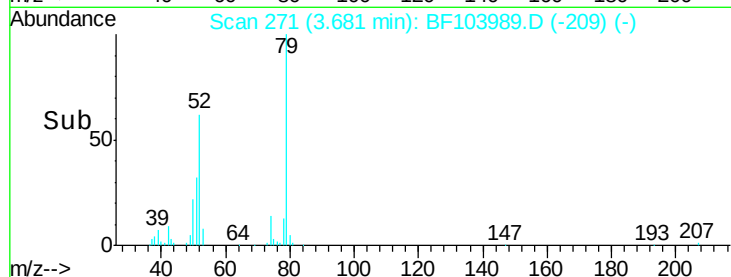
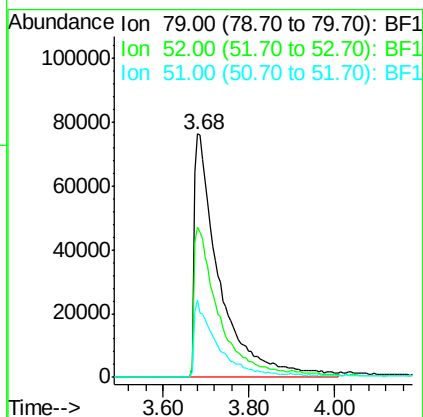
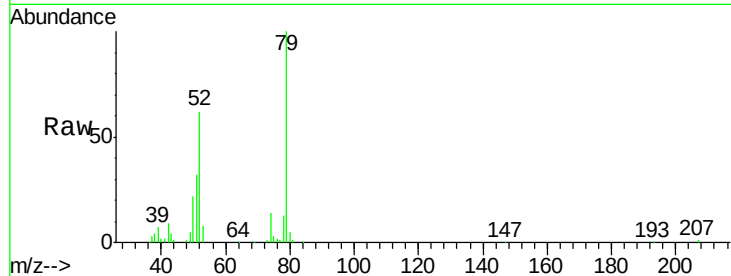
ClientSampled :

SB-107(4-5)MS

Tot Ion:	79	Resp:	307962
Ion Ratio	Lower	Upper	
79	100		
52	61.7	59.8	89.6
51	31.7	29.8	44.8

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#4

n-Nitrosodimethylamine

Concen: 28.639 ng/ml

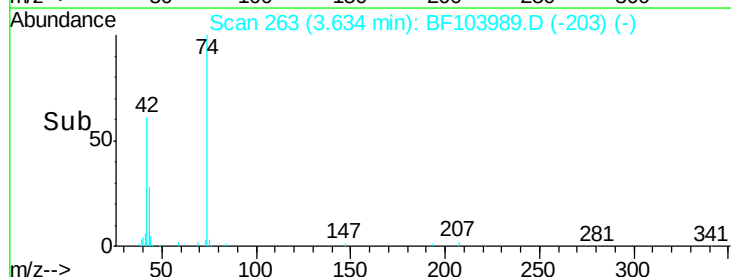
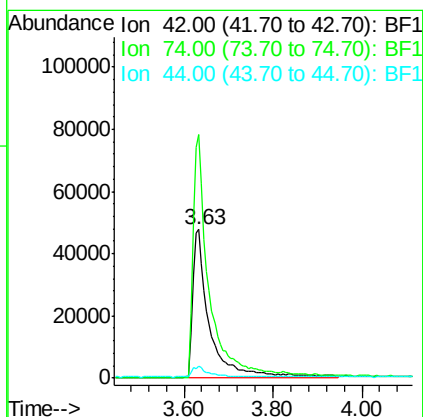
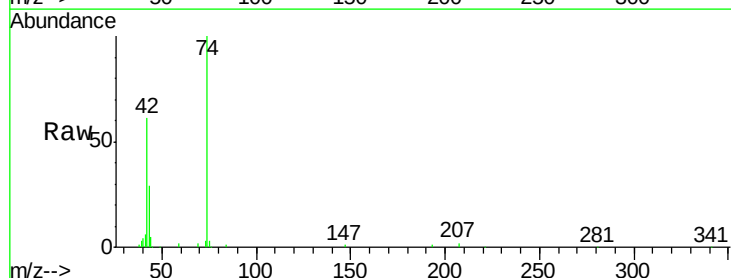
RT: 3.63 min Scan# 263

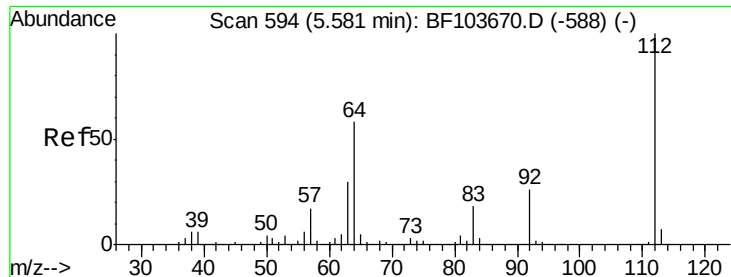
Delta R.T. 0.05 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:	42	Resp:	127929
Ion Ratio	Lower	Upper	
42	100		
74	163.9	104.9	157.3#
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 116.273 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-107(4-5)MS

Tot Ion: 112 Resp: 1040077

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

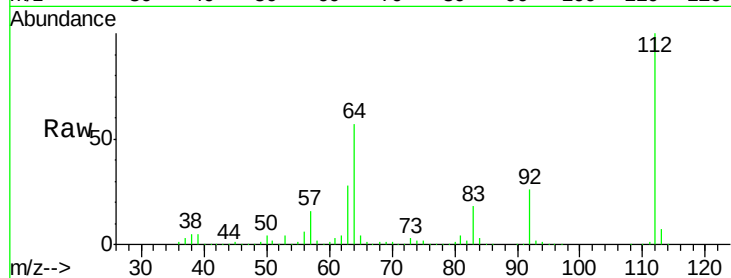
63 28.1 23.7 35.5

Manual Integrations

APPROVED

Sohil

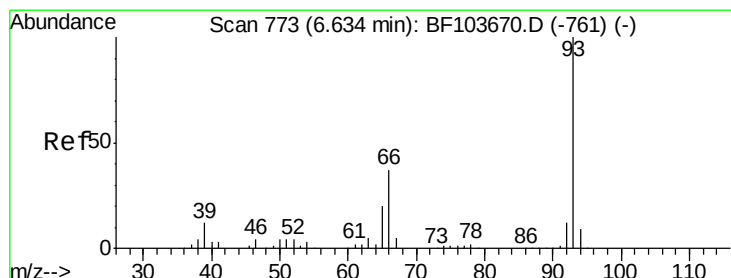
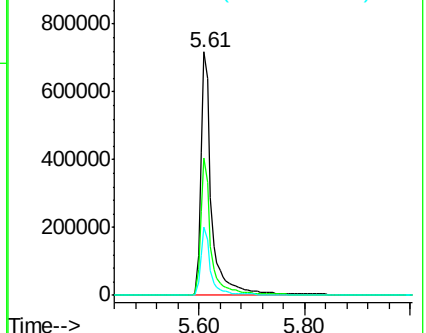
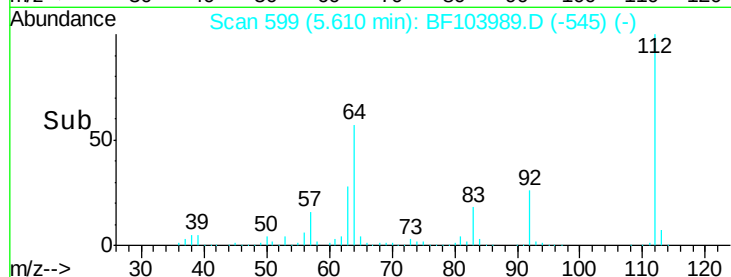
3/28/2018 4:54:45 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.838 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

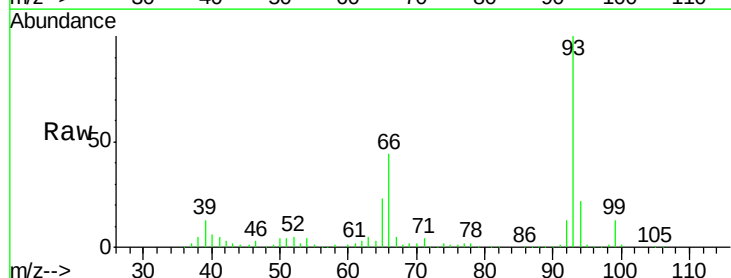
Tgt Ion: 93 Resp: 388131

Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

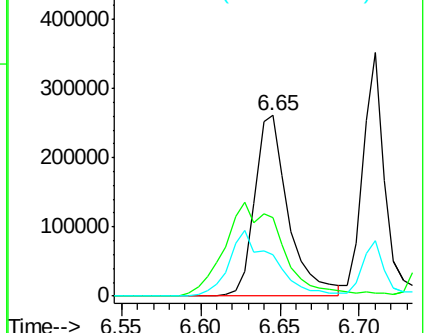
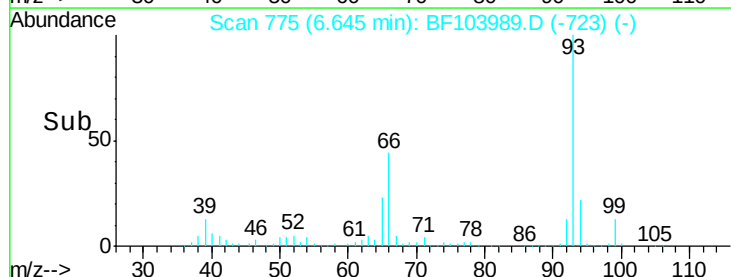
65 22.8 16.4 24.6

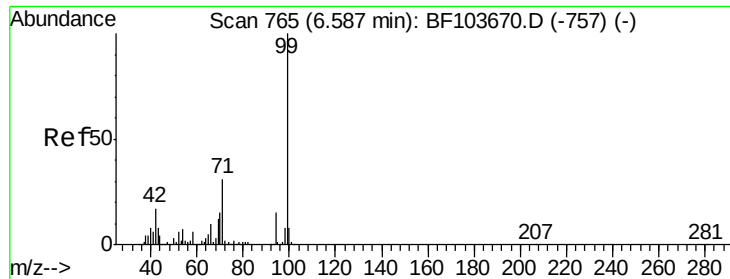


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.734 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-107(4-5)MS

Tot Ion: 99 Resp: 1233734

Ion Ratio Lower Upper

99 100

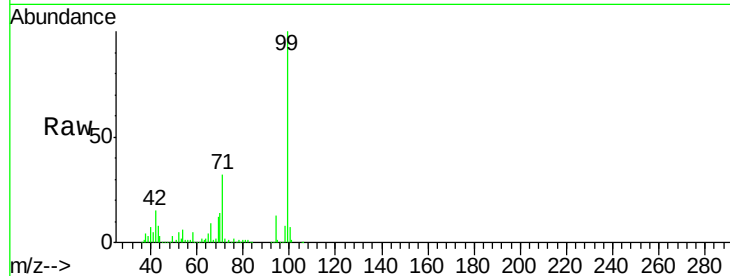
42 14.8 14.5 21.7

71 32.1 25.4 38.0

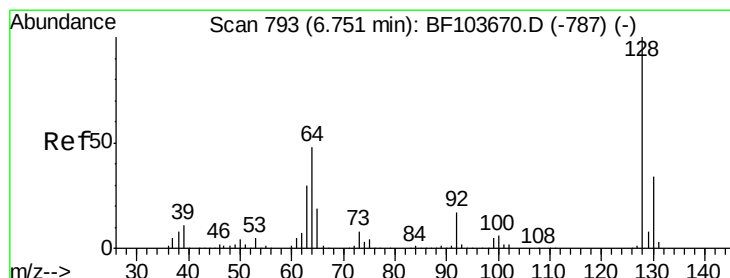
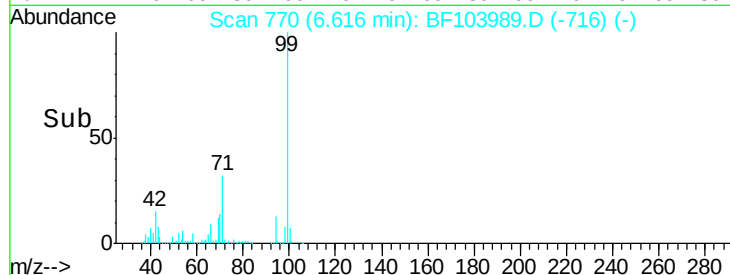
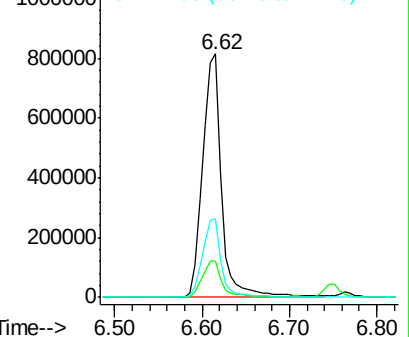
Manual Integrations
APPROVED

Sohil

3/28/2018 4:54:45 PM



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



#8

2-Chlorophenol

Concen: 37.082 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

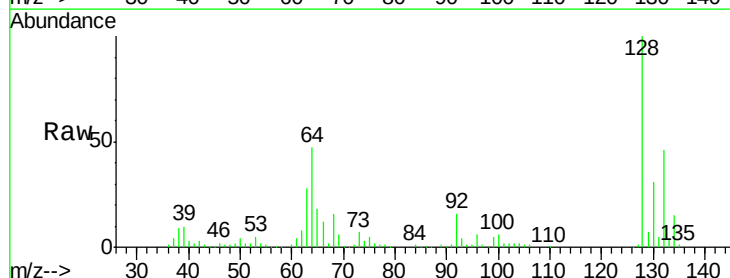
Tgt Ion: 128 Resp: 347478

Ion Ratio Lower Upper

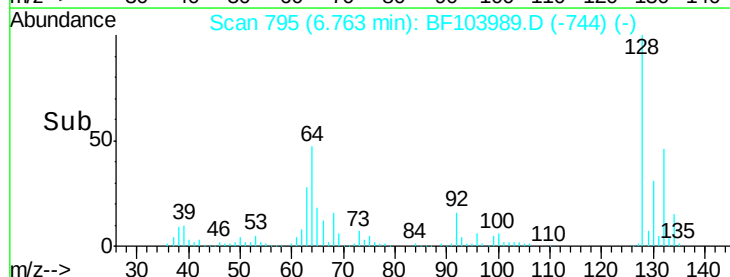
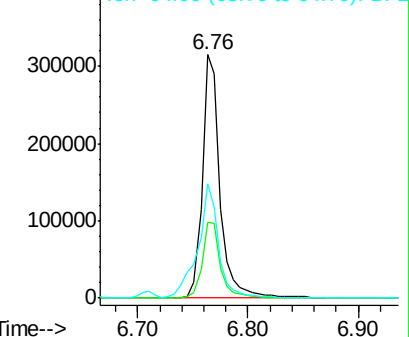
128 100

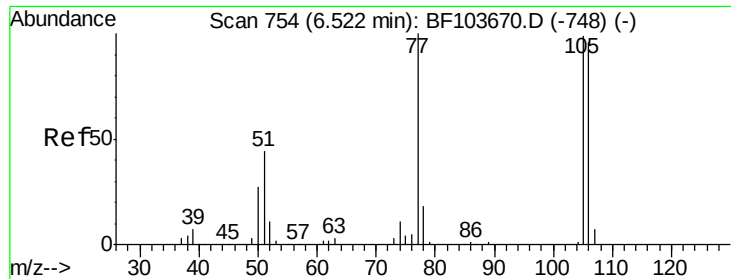
130 31.3 13.0 53.0

64 46.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.210 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

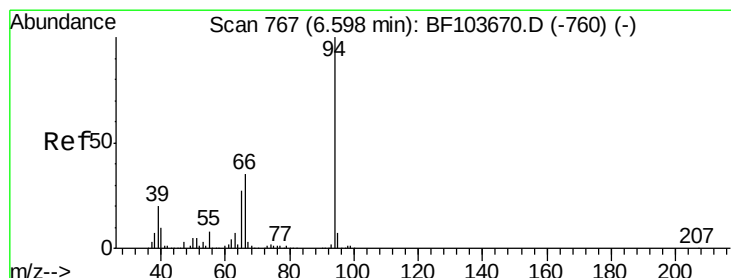
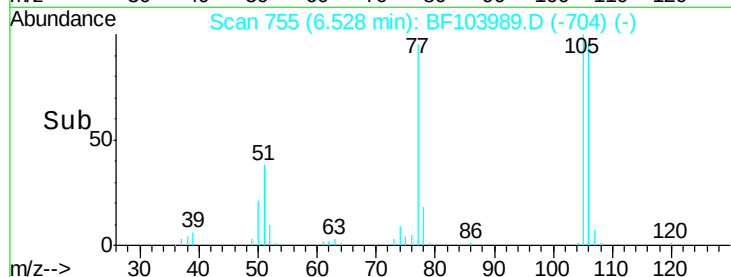
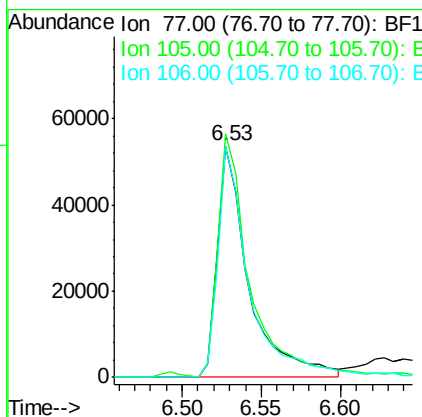
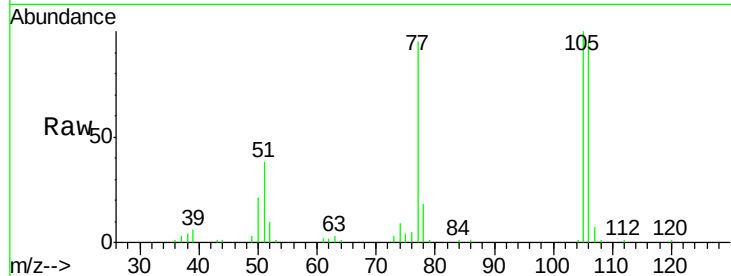
ClientSampleId :

SB-107(4-5)MS

Tot Ion:	77	Resp:	73405
Ion	Ratio	Lower	Upper
77	100		
105	105.5	81.1	121.1
106	100.1	74.5	114.5

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#10

Phenol

Concen: 38.186 ng

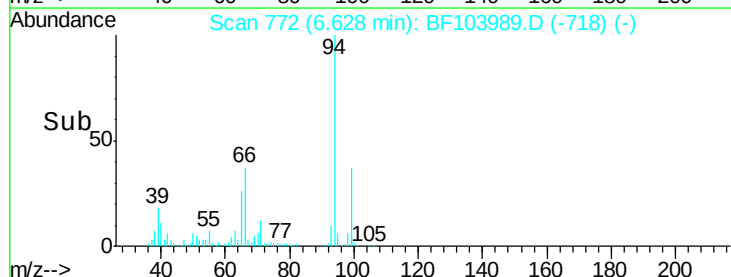
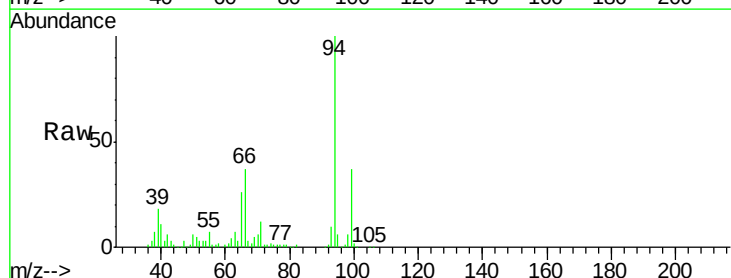
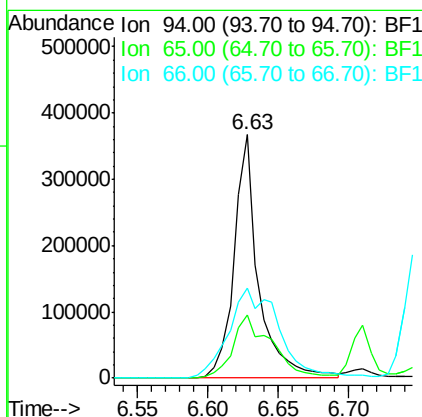
RT: 6.63 min Scan# 772

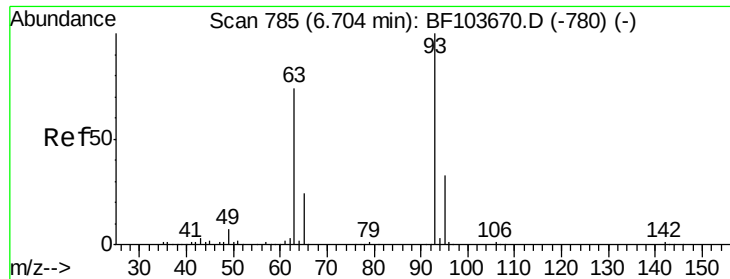
Delta R.T. 0.02 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:	94	Resp:	444064
Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	37.2	16.2	56.2





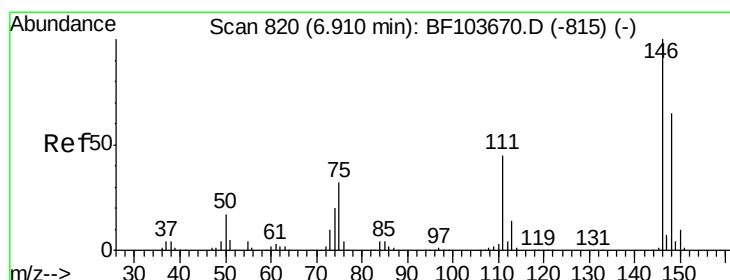
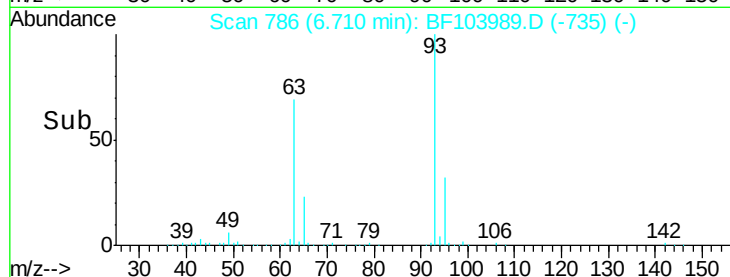
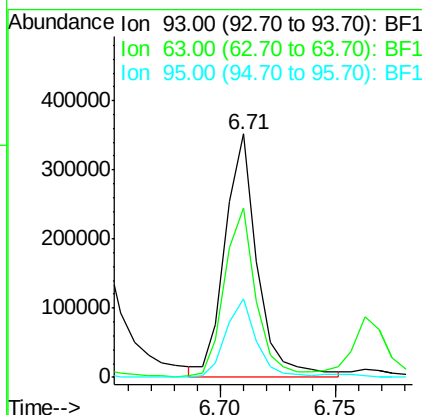
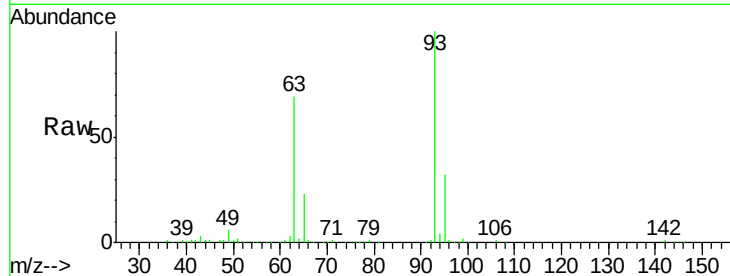
#11
bis(2-Chloroethyl)ether
Concen: 35.694 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion:	93	Resp:	342657
Ion	Ratio	Lower	Upper
93	100		
63	69.4	58.6	98.6
95	32.0	11.8	51.8

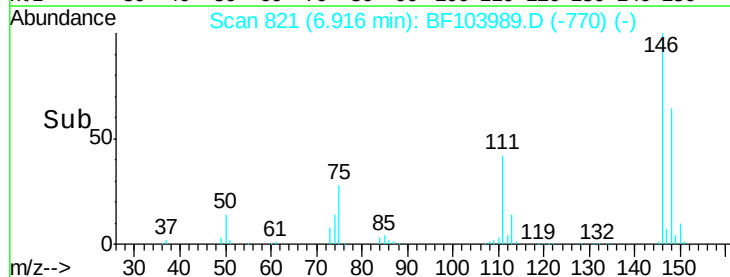
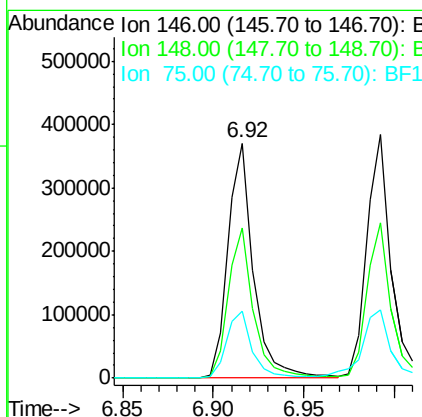
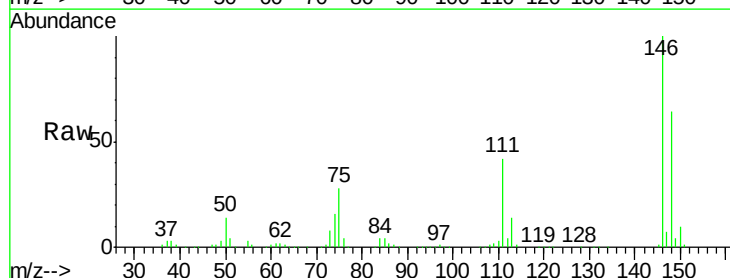
Manual Integrations
APPROVED

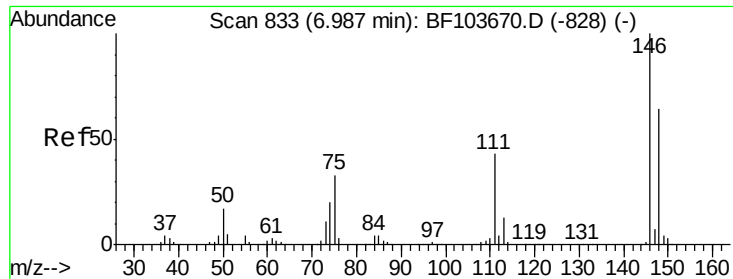
Sohil
3/28/2018 4:54:45 PM



#12
1,3-Dichlorobenzene
Concen: 34.142 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion:	146	Resp:	364386
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	28.4	24.2	36.4





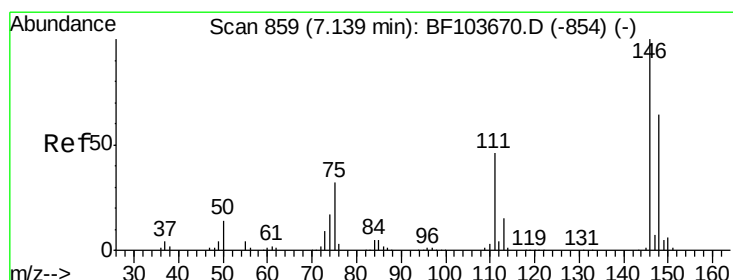
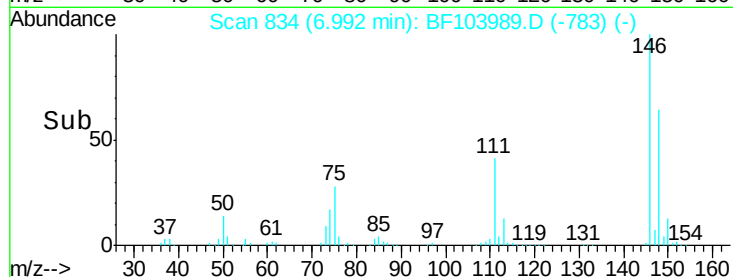
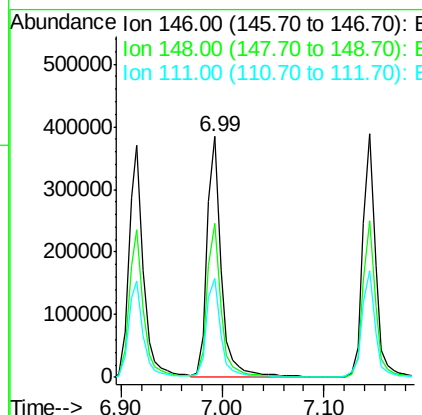
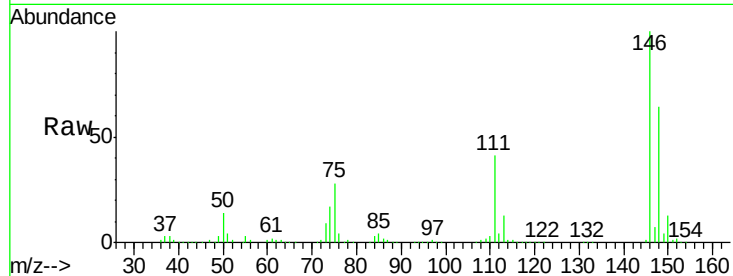
#13
 1,4-Dichlorobenzene
 Concen: 34.955 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		374869		
148	64.0	50.8	76.2		
111	41.3	34.2	51.2		

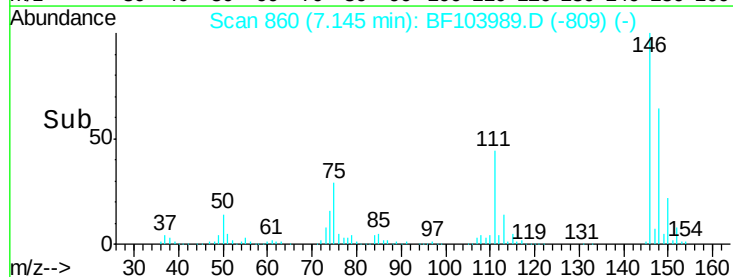
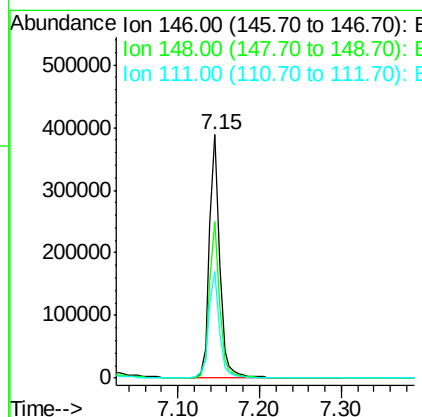
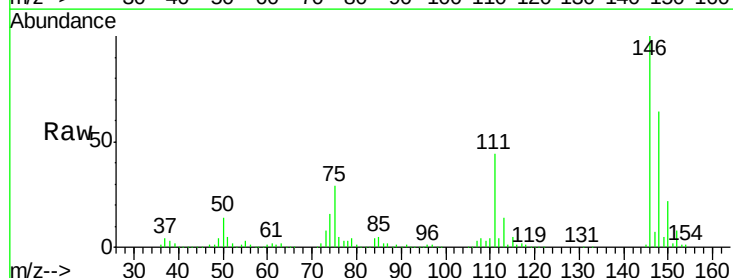
Manual Integrations
 APPROVED

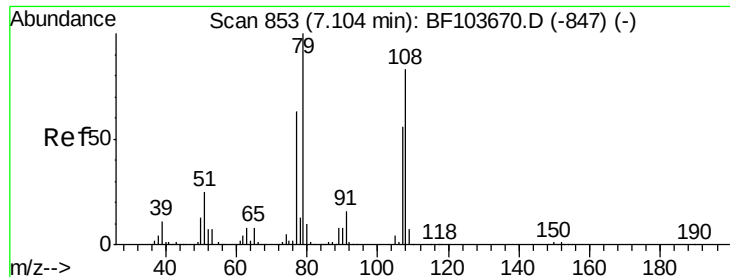
Sohil
 3/28/2018 4:54:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.614 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		344463		
148	64.4	50.6	75.8		
111	43.7	36.0	54.0		





#15

Benzyl Alcohol

Concen: 32.348 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

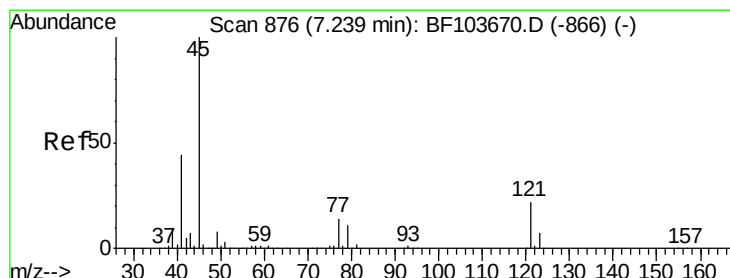
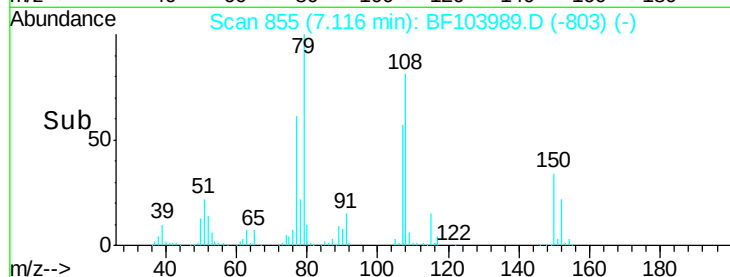
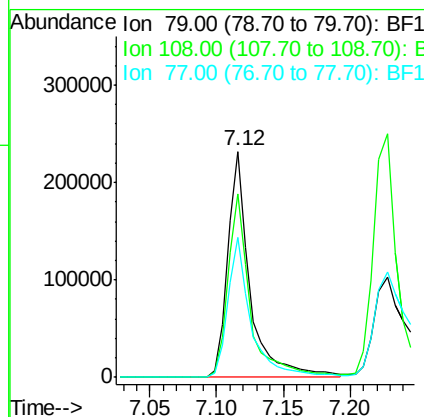
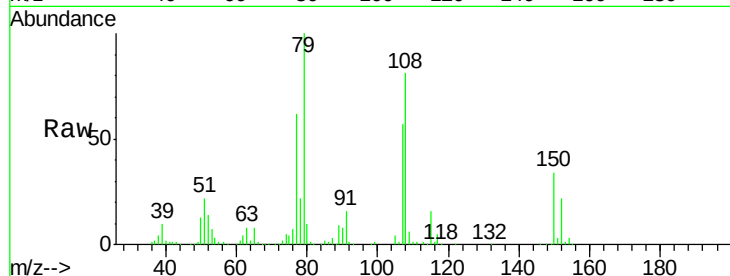
ClientSampleId :

SB-107(4-5)MS

Tot Ion:	79	Resp:	274286
Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	61.7	50.6	75.8

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.225 ng

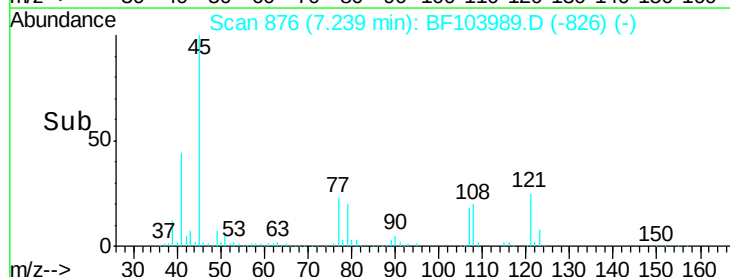
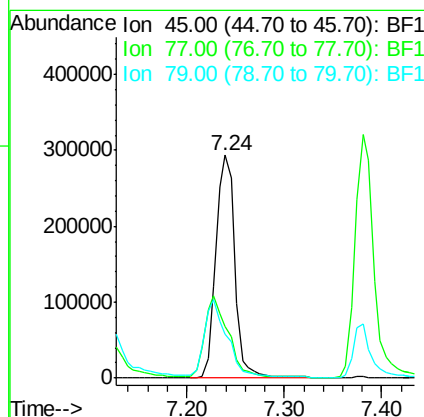
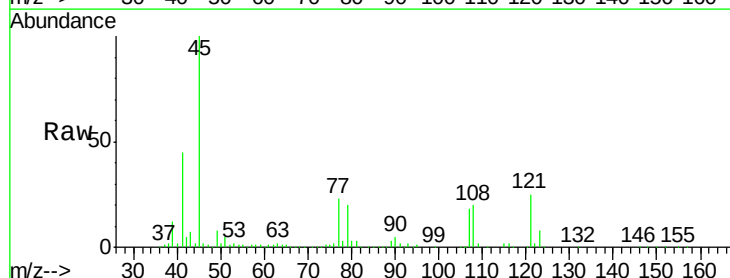
RT: 7.24 min Scan# 876

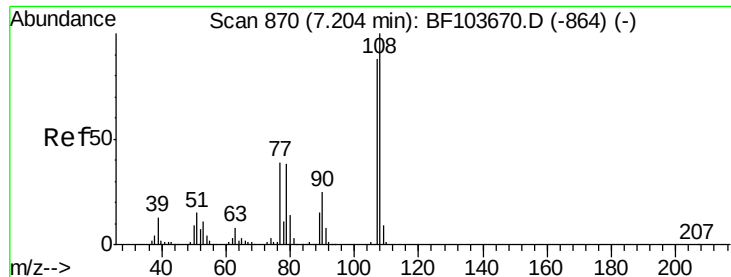
Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:	45	Resp:	399035
Ion	Ratio	Lower	Upper
45	100		
77	23.1	0.0	32.9
79	19.9	0.0	29.6





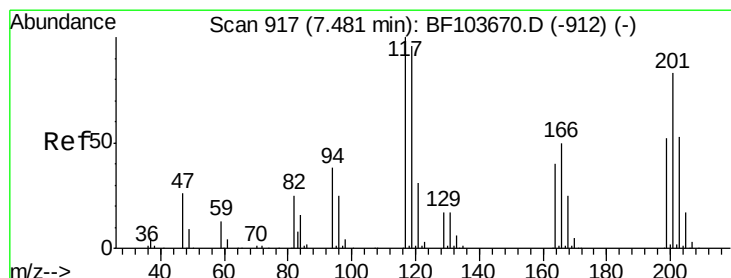
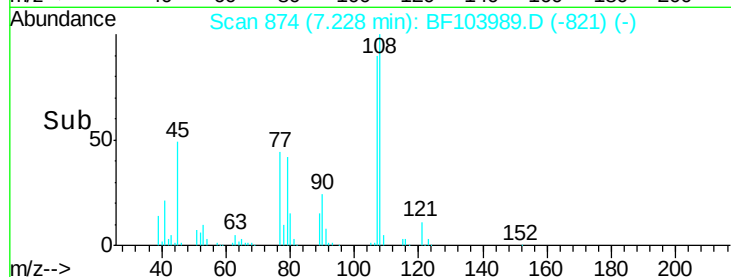
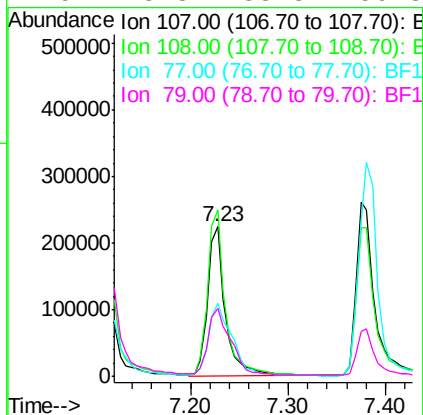
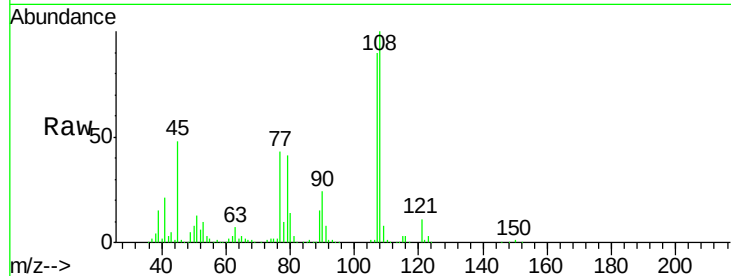
#17
2-Methylphenol
Concen: 34.025 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	91.7	137.5	
77	48.4	33.8	50.8	
79	45.8	33.8	50.8	

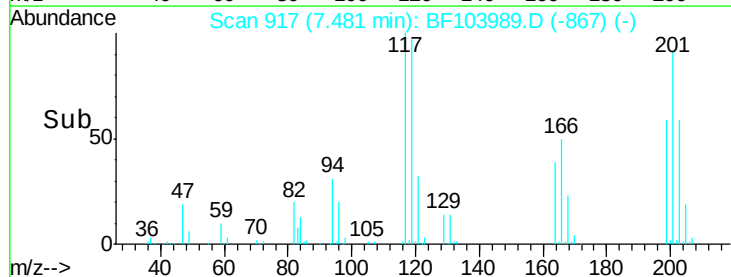
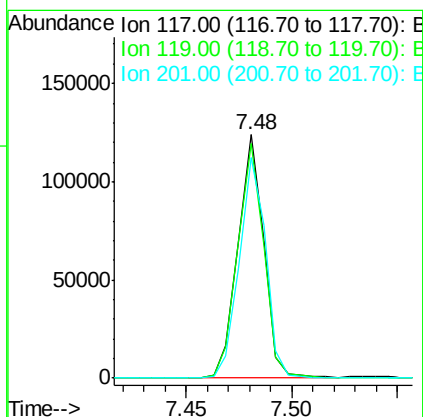
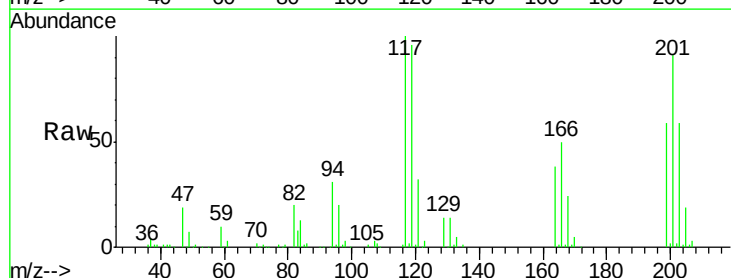
Manual Integrations
APPROVED

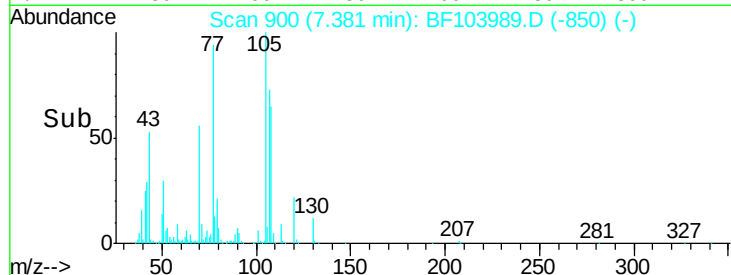
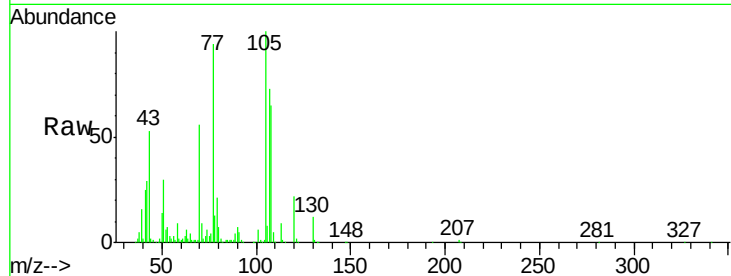
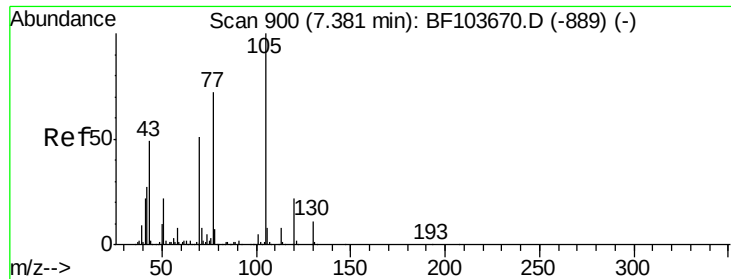
Sohil
3/28/2018 4:54:45 PM



#18
Hexachloroethane
Concen: 27.814 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	75.8	113.8	
201	90.9	75.7	113.5	





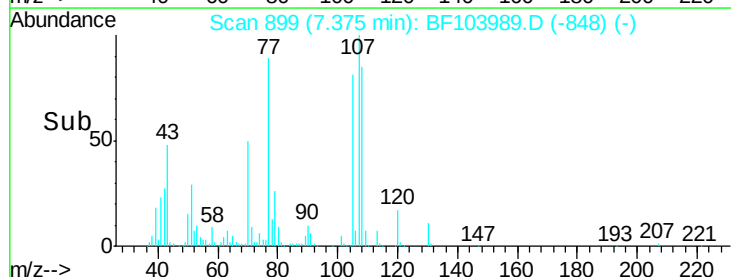
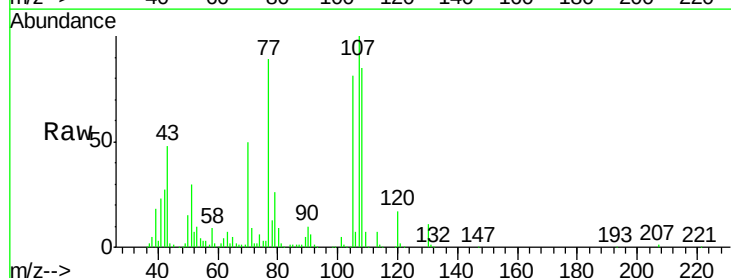
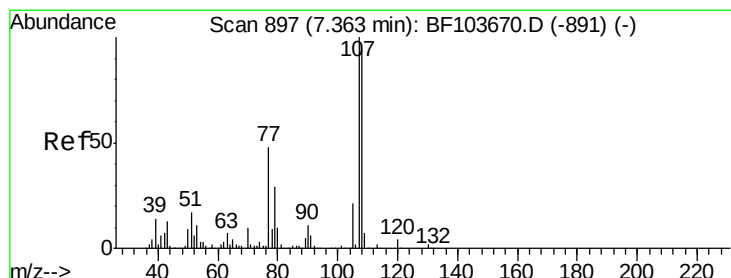
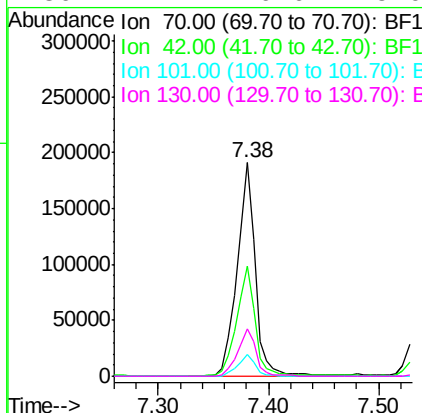
#19
n-Nitroso-di-n-propylamine
Concen: 31.772 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	70	Resp	222836
Ion Ratio	Lower	Upper	
70	100		
42	51.4	47.5	71.3
101	10.1	7.4	11.2
130	22.2	16.6	25.0

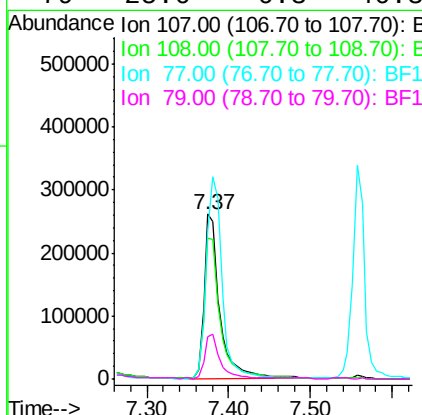
Manual Integrations
APPROVED

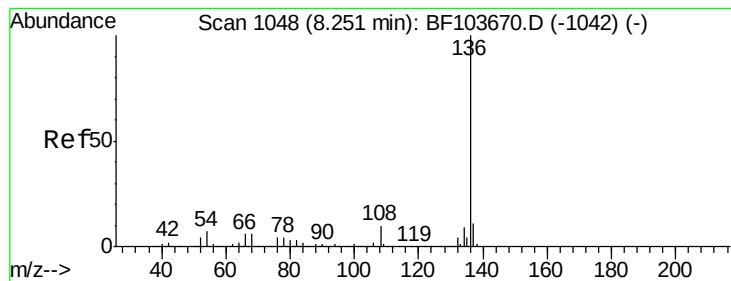
Sohil
3/28/2018 4:54:45 PM



#20
3+4-Methylphenols
Concen: 33.166 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	107	Resp	351230
Ion Ratio	Lower	Upper	
107	100		
108	85.5	68.2	108.2
77	89.5	26.7	66.7#
79	25.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

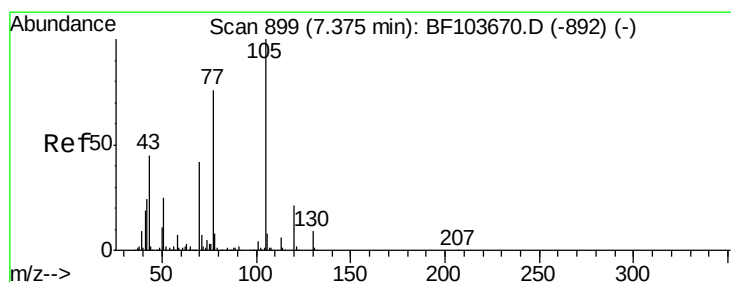
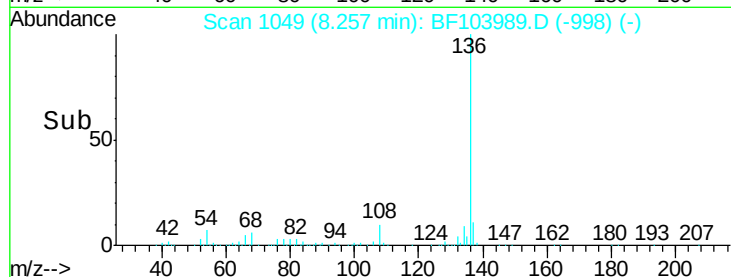
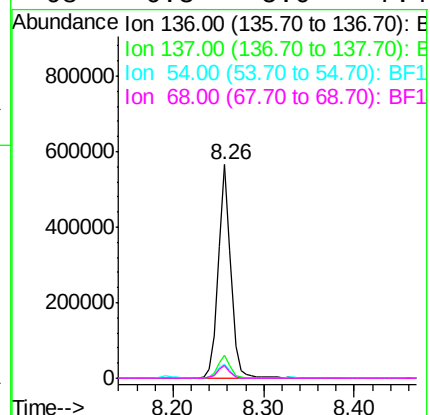
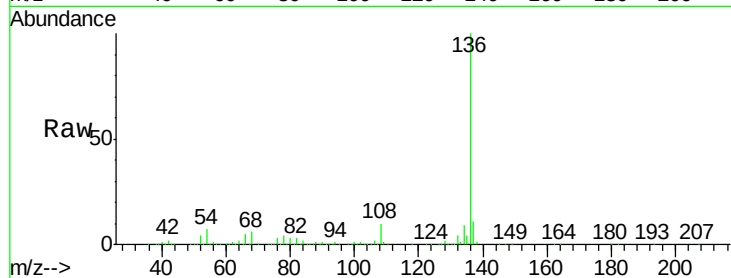
ClientSampleId :

SB-107(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	544304		
137	10.9	8.9	13.3	
54	6.6	6.6	9.8	
68	6.3	5.0	7.4	

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#22

Acetophenone

Concen: 32.714 ng

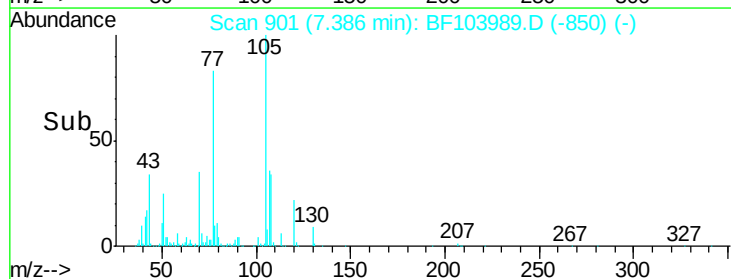
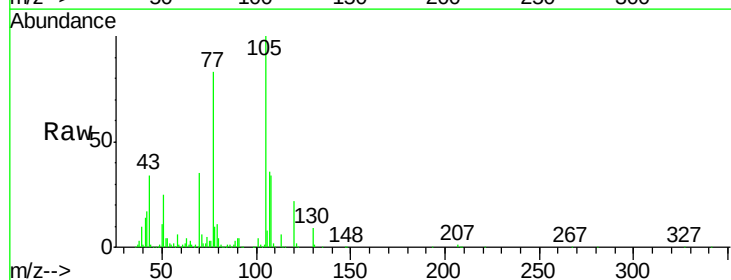
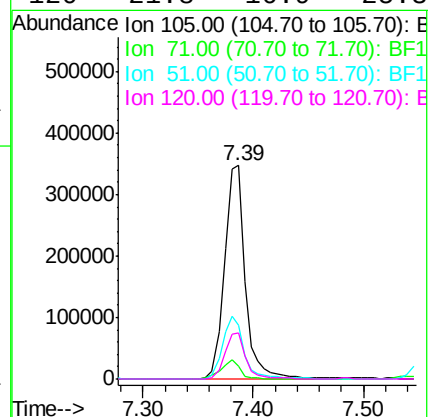
RT: 7.39 min Scan# 901

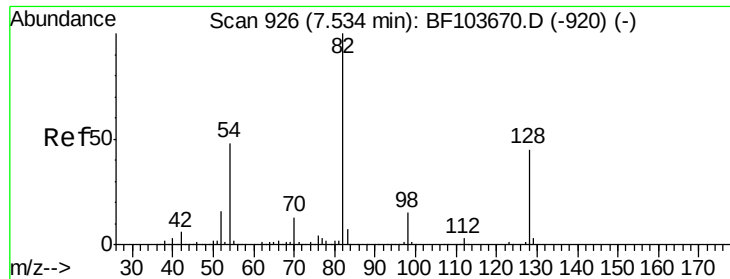
Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	457636		
71	6.1	4.4	6.6	
51	25.0	22.3	33.5	
120	21.8	16.9	25.3	





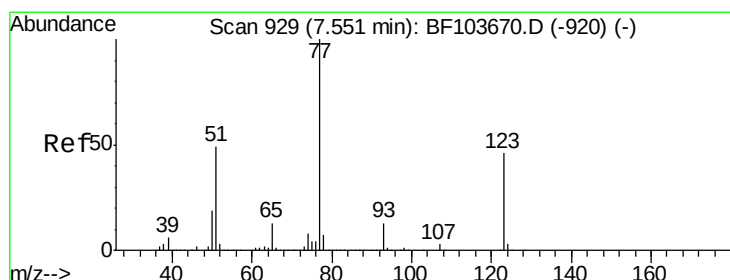
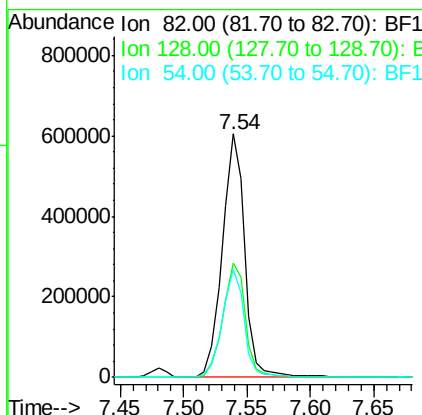
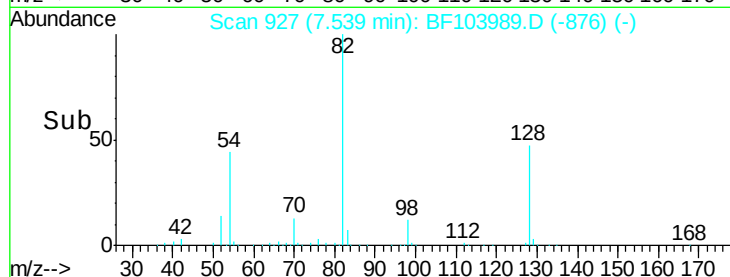
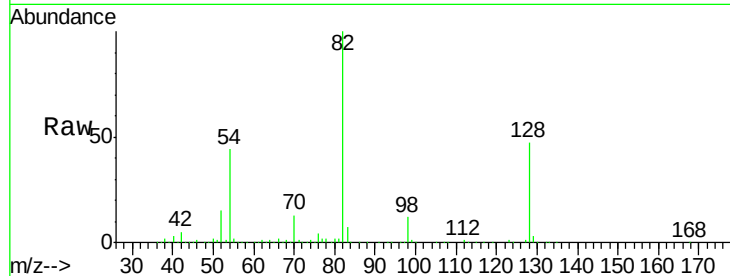
#23
 Nitrobenzene-d5
 Concen: 94.822 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	44.4	41.4	62.2

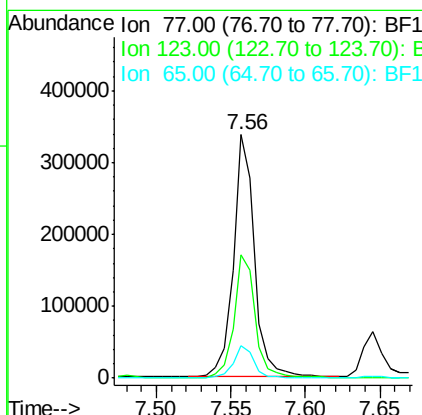
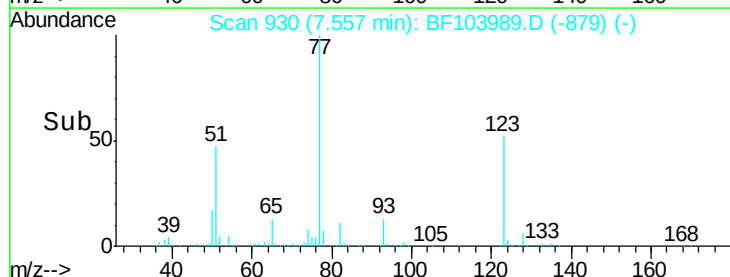
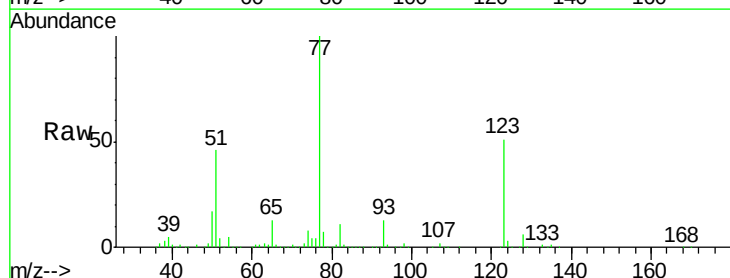
Manual Integrations
 APPROVED

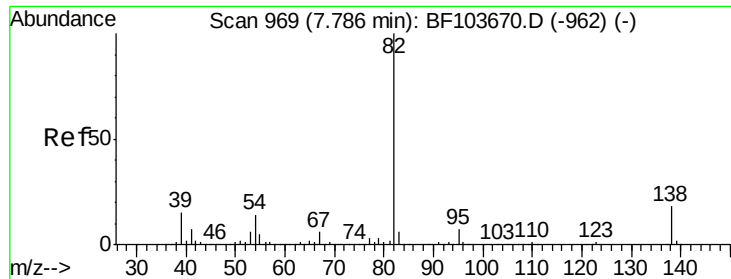
Sohil
 3/28/2018 4:54:45 PM



#24
 Nitrobenzene
 Concen: 36.757 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	37.9	56.9
65	13.2	11.0	16.4





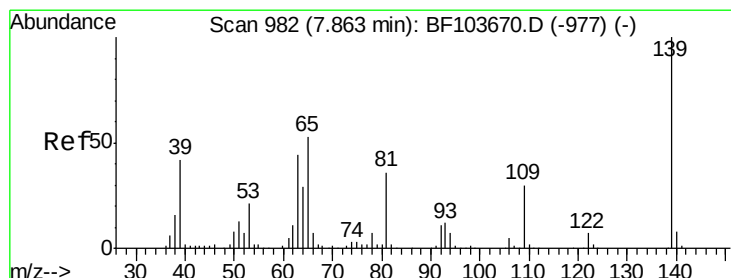
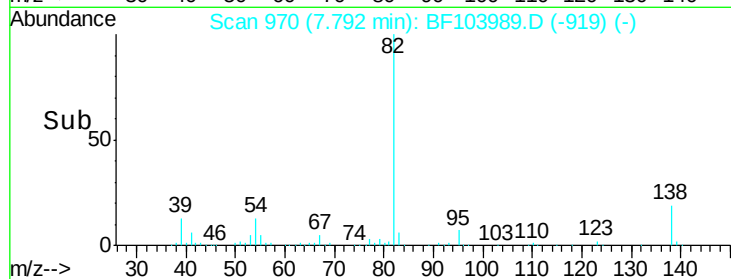
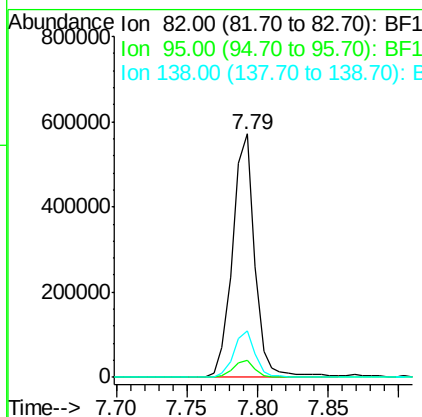
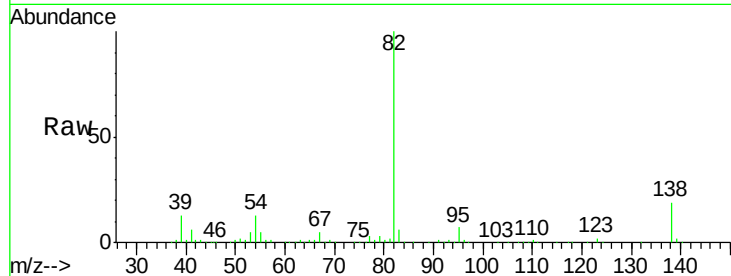
#25
Isophorone
Concen: 34.942 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	631359		
95	6.9		5.2	7.8
138	18.9		14.9	22.3

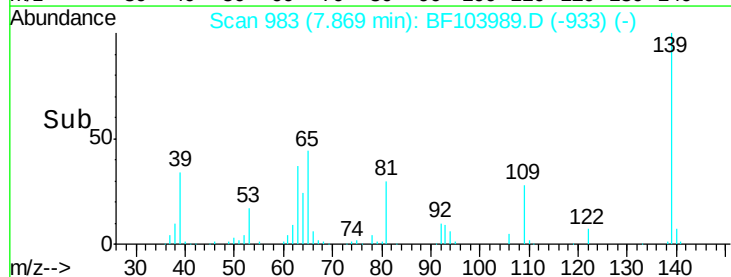
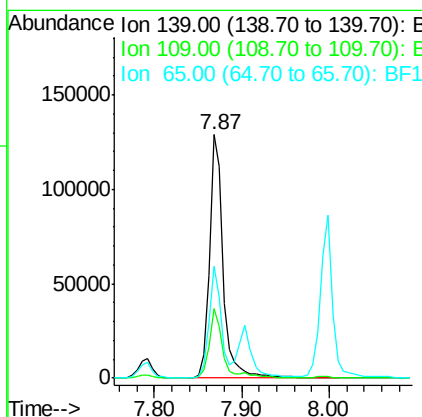
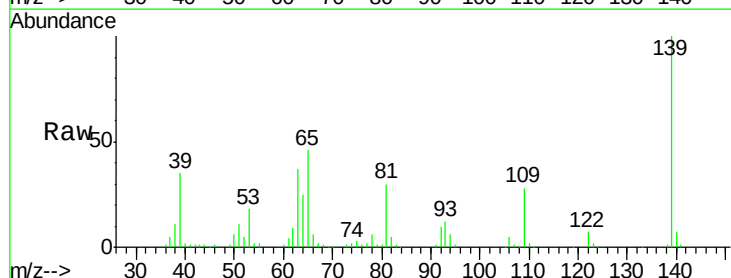
Manual Integrations
APPROVED

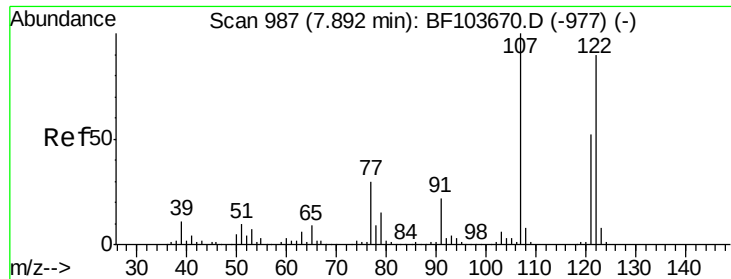
Sohil
3/28/2018 4:54:45 PM



#26
2-Nitrophenol
Concen: 41.699 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	139993		
109	28.3		22.7	34.1
65	46.1		40.5	60.7





#27

2,4-Dimethylphenol

Concen: 40.590 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

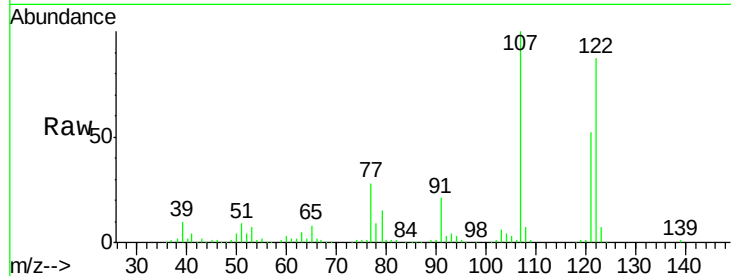
ClientSampleId :

SB-107(4-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		314188		
107	114.9	91.2	136.8		
121	60.1	47.2	70.8		

Manual Integrations
APPROVED

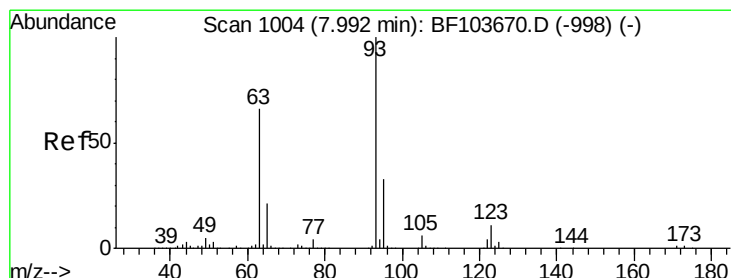
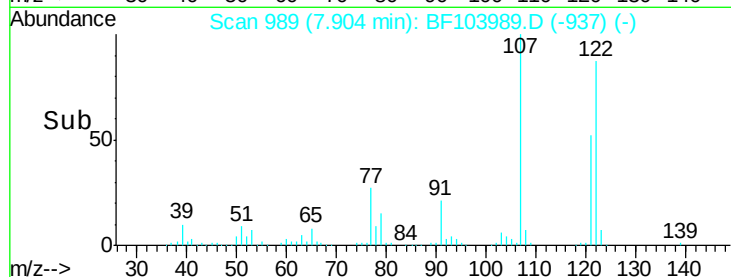
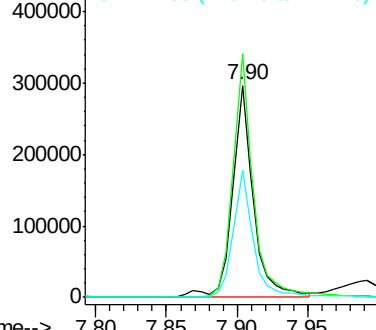
Sohil
3/28/2018 4:54:45 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.997 ng

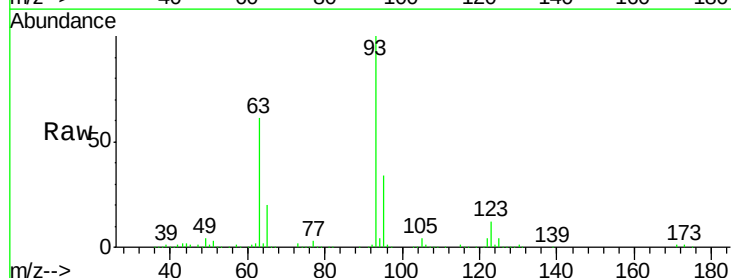
RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

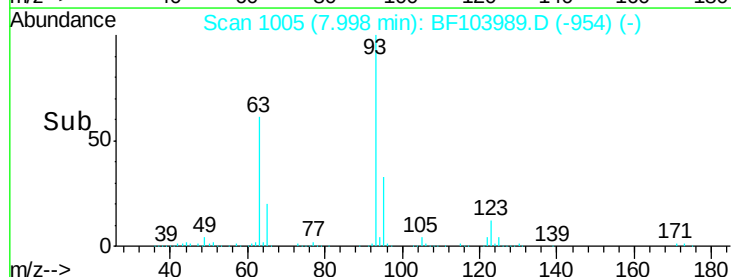
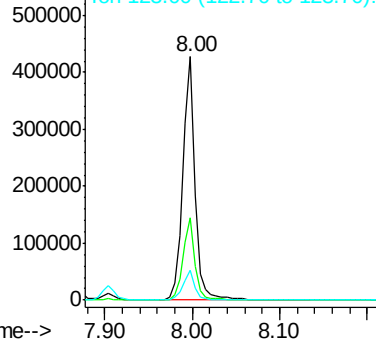
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		415728		
95	33.6	26.3	39.5		
123	12.2	9.8	14.6		

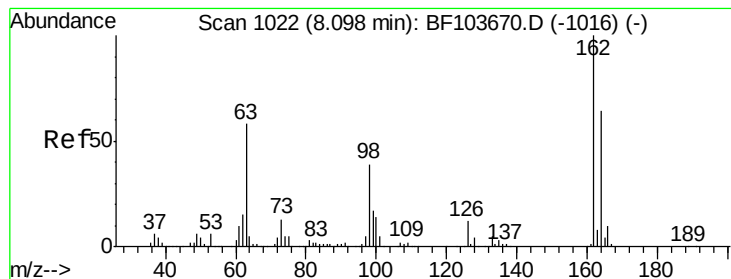


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.059 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

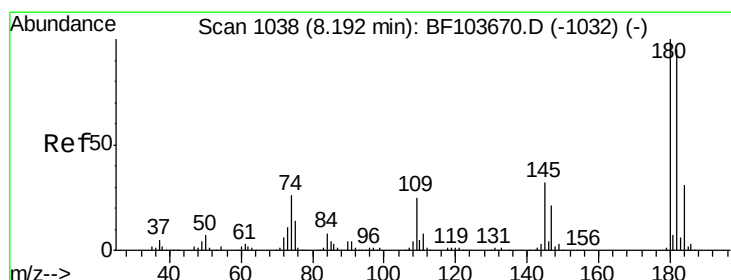
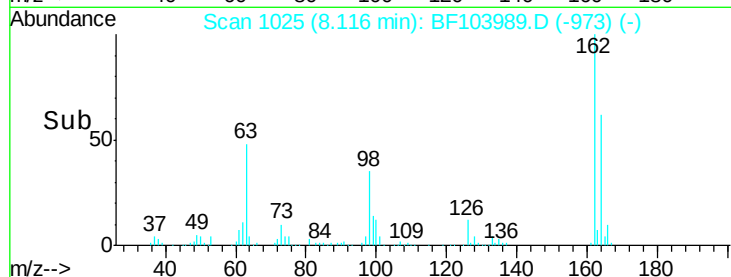
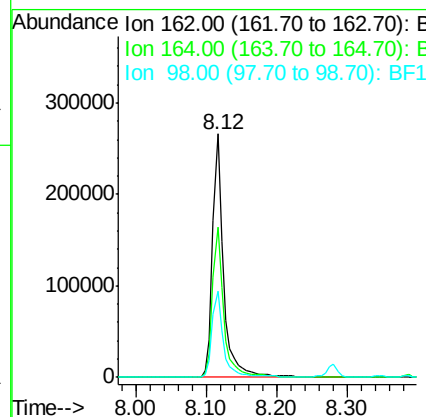
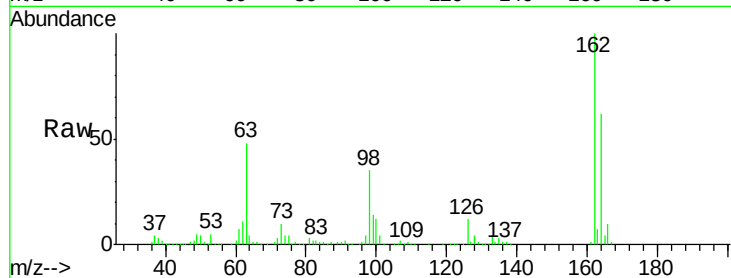
ClientSampleId :

SB-107(4-5)MS

Tot Ion:	162	Resp:	289146
Ion Ratio	Lower	Upper	
162	100		
164	61.7	42.7	82.7
98	35.4	18.1	58.1

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#30

1,2,4-Trichlorobenzene

Concen: 35.915 ng

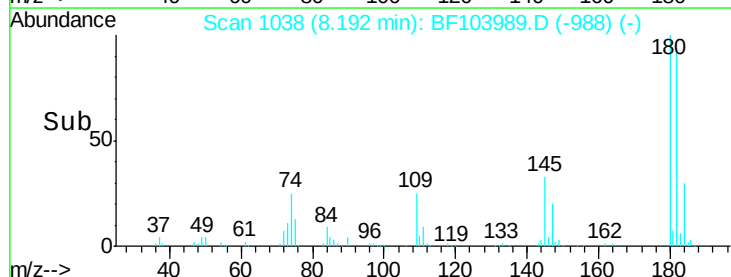
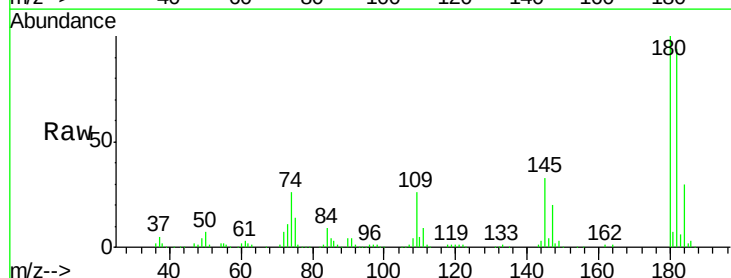
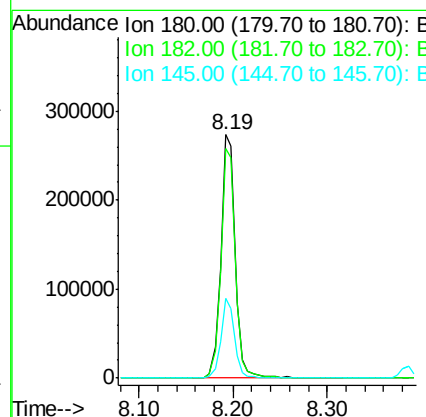
RT: 8.19 min Scan# 1038

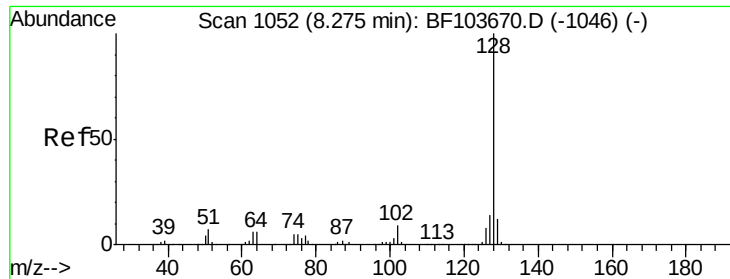
Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:	180	Resp:	293351
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.8	115.2
145	32.6	26.5	39.7





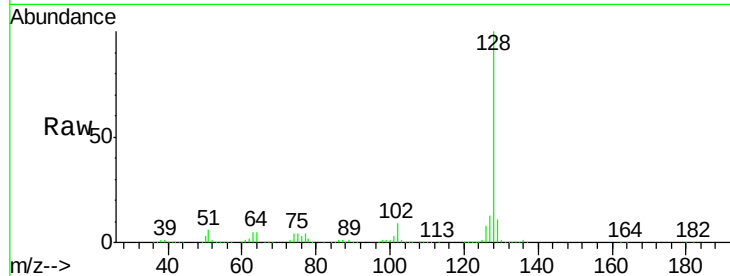
#31
Naphthalene
Concen: 36.670 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

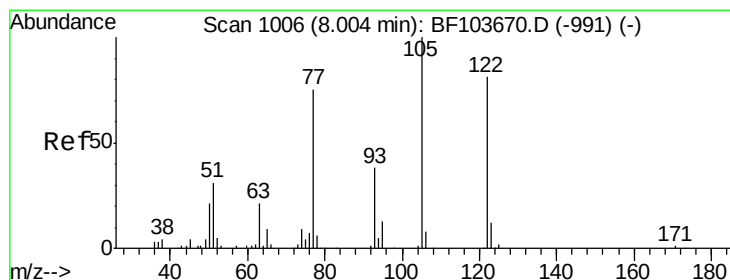
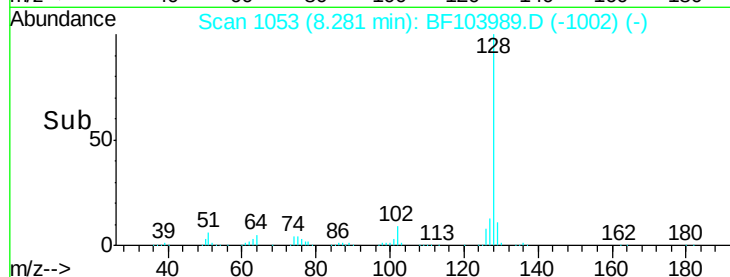
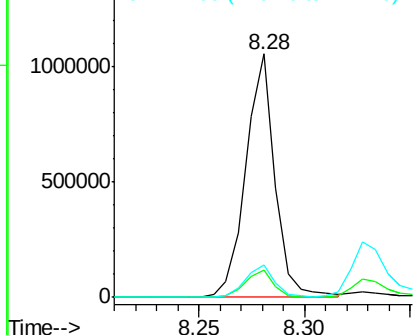
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.9	16.3

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



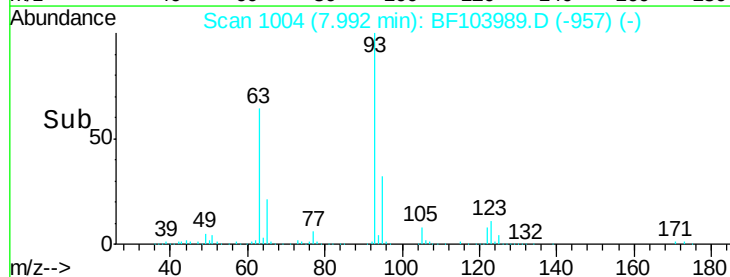
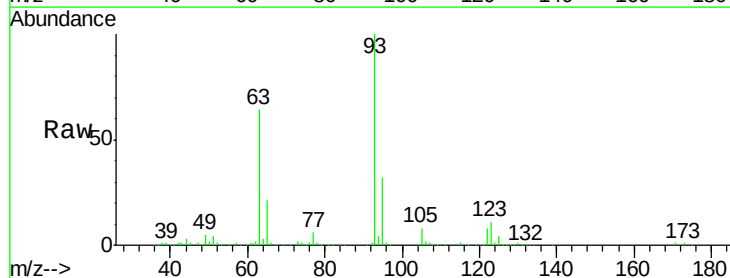
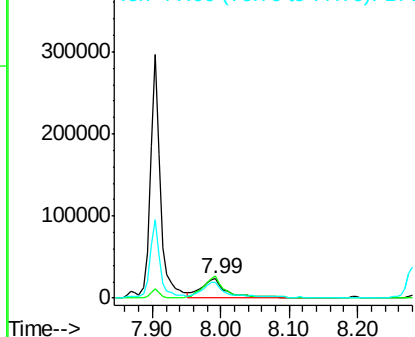
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

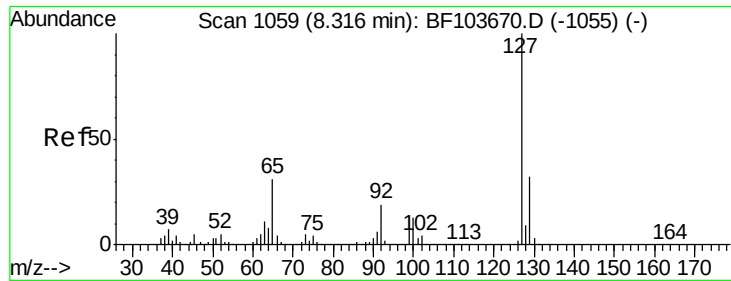


#32
Benzoic acid
Concen: 19.176 ng m
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.1	101.1	141.1
77	84.3	70.7	110.7

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





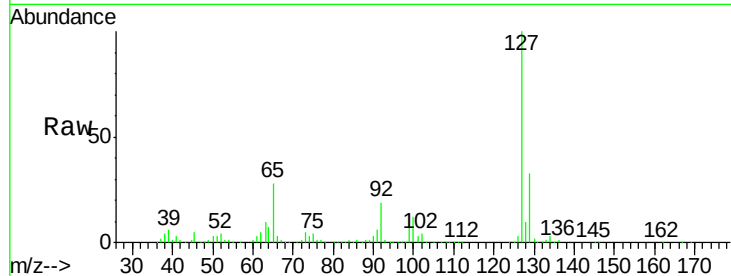
#33
4-Chloroaniline
Concen: 27.105 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

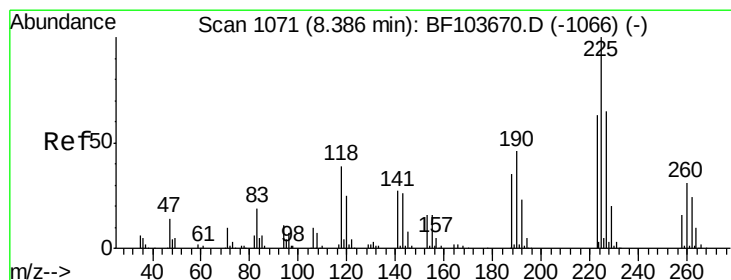
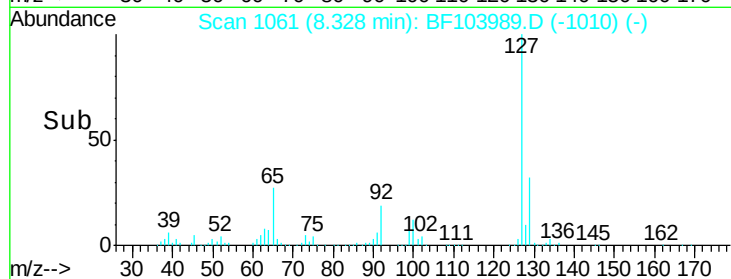
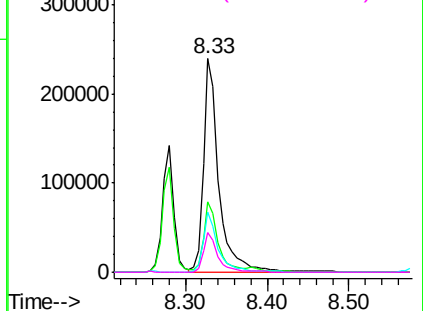
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.0	25.0	37.4
92	18.6	15.2	22.8

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



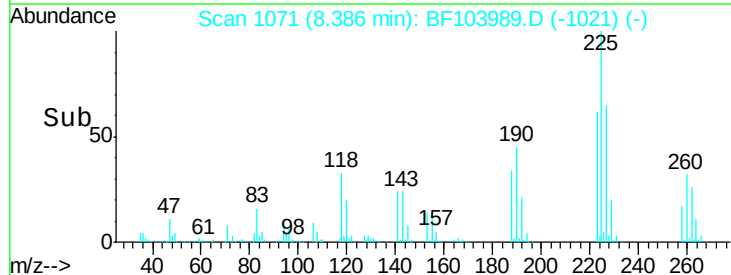
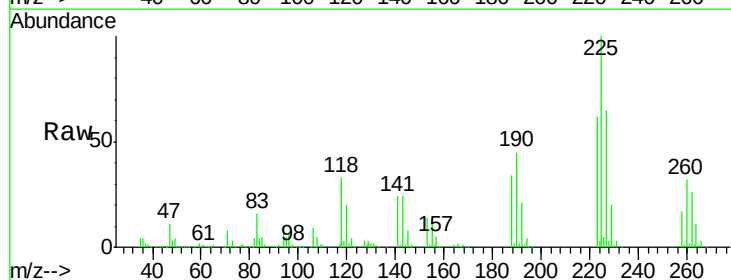
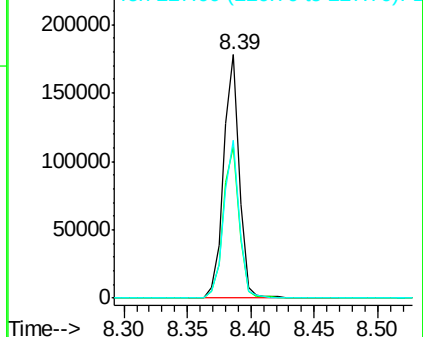
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

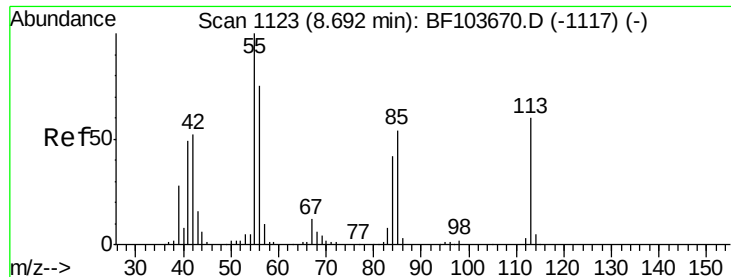


#34
Hexachlorobutadiene
Concen: 34.468 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	64.6	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





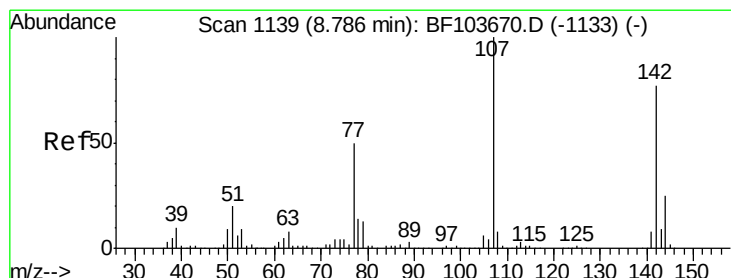
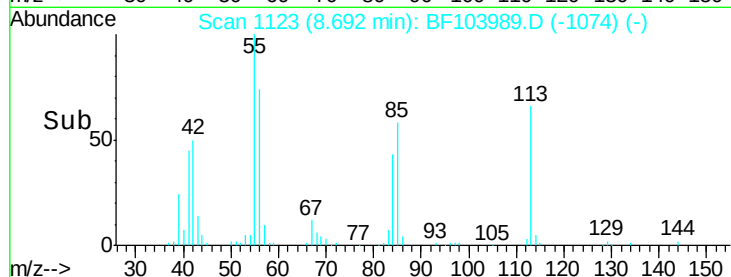
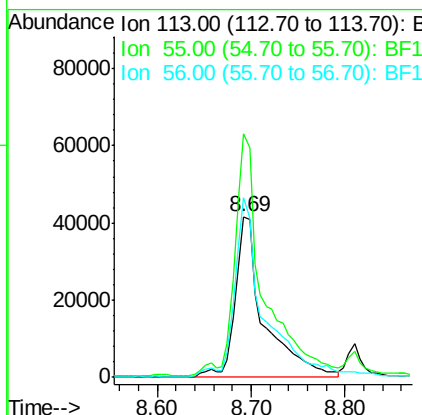
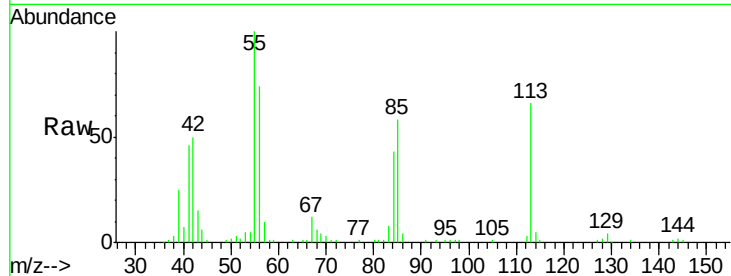
#35
 Caprolactam
 Concen: 36.676 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	151.2	163.3	203.3#		
56	111.3	115.7	155.7#		

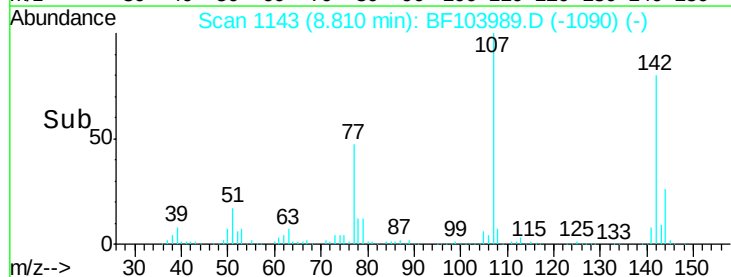
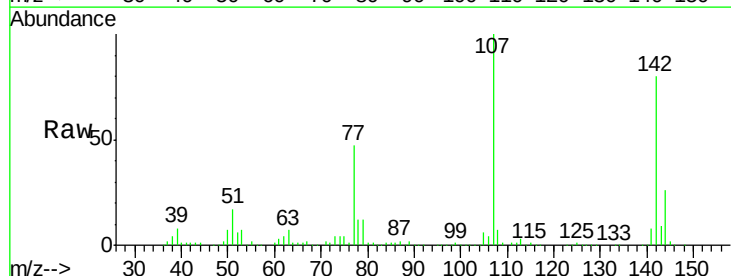
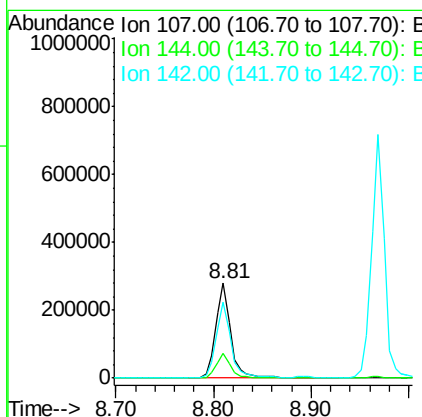
Manual Integrations
 APPROVED

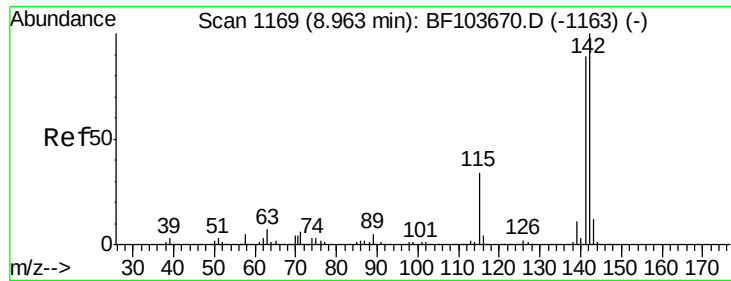
Sohil
 3/28/2018 4:54:45 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.641 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6	20.5	30.7		
142	80.5	62.0	93.0		





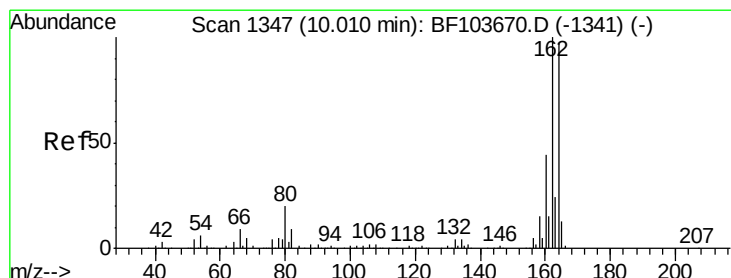
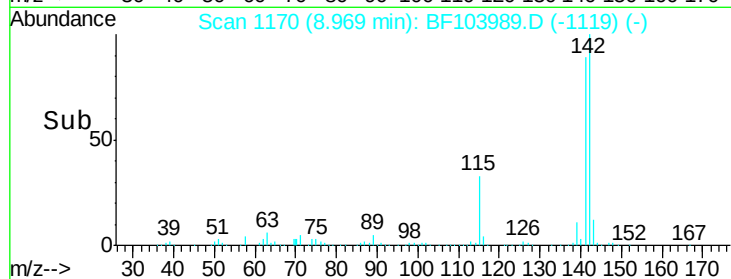
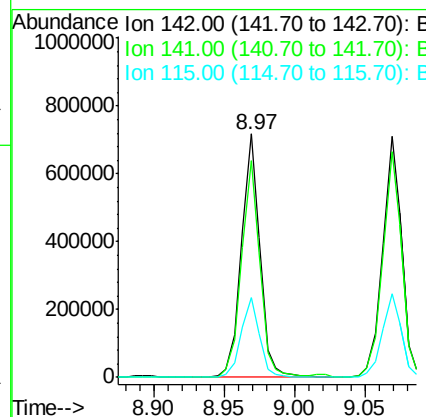
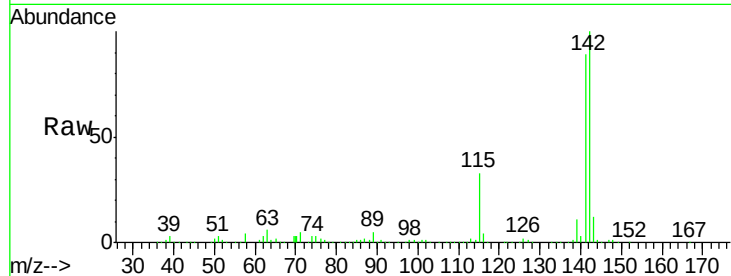
#37
2-Methylnaphthalene
Concen: 37.518 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.0	26.1	39.1

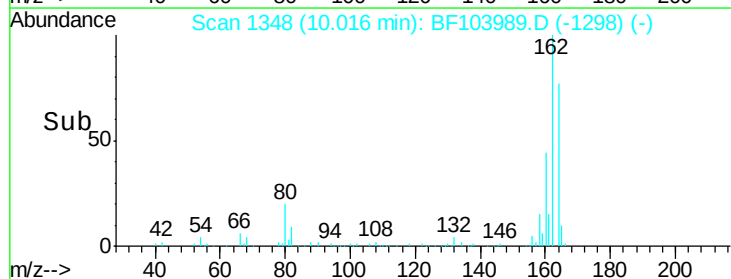
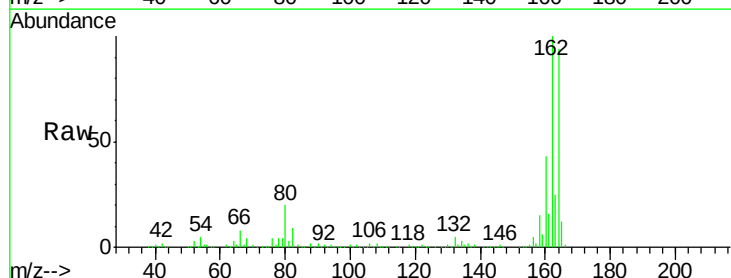
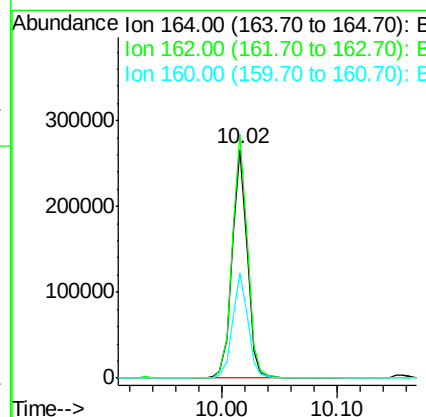
Manual Integrations
APPROVED

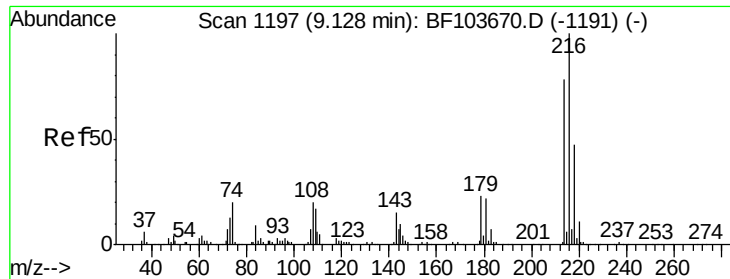
Sohil
3/28/2018 4:54:45 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	46.0	38.3	57.5





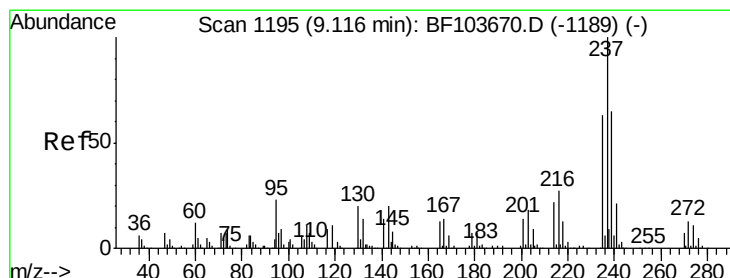
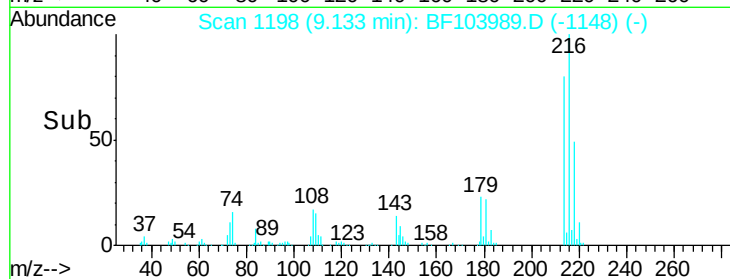
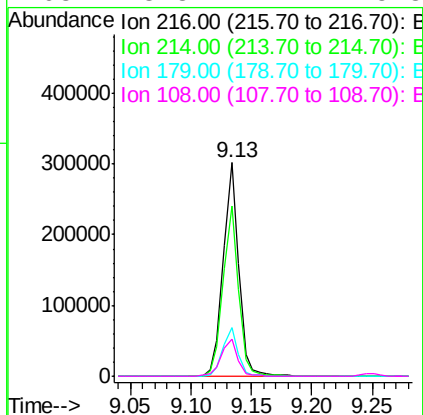
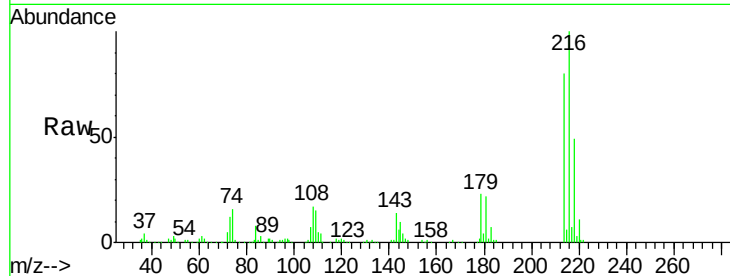
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.119 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		268498		
214	80.2		63.0	94.4	
179	22.5		18.1	27.1	
108	18.8		17.2	25.8	

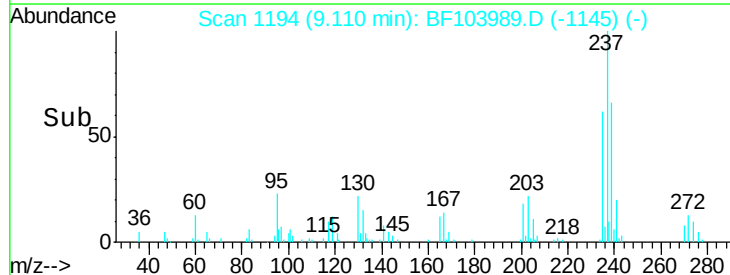
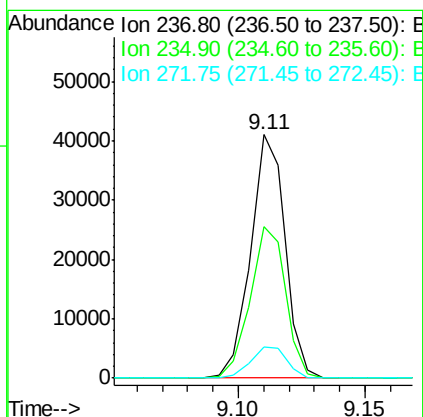
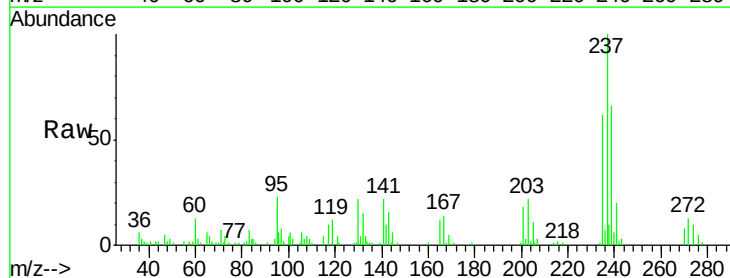
Manual Integrations
 APPROVED

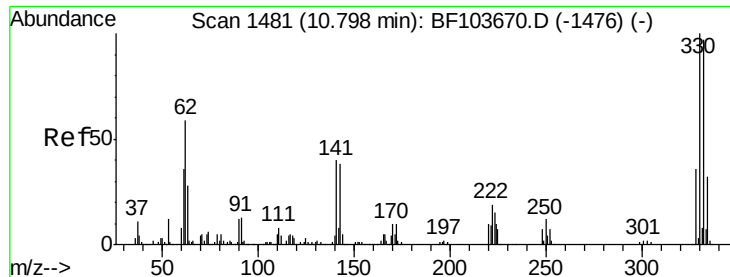
Sohil
 3/28/2018 4:54:45 PM



#40
 Hexachlorocyclopentadiene
 Concen: 10.985 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		38907		
235	62.0		44.8	84.8	
272	12.8		0.0	33.3	





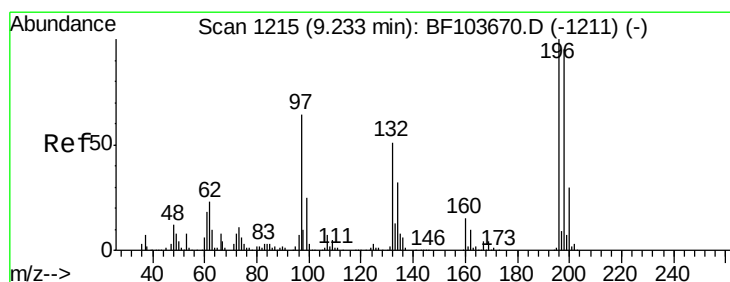
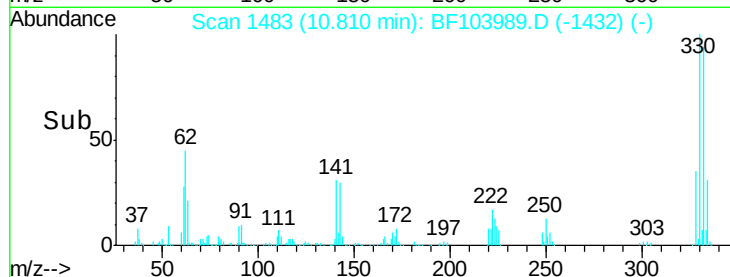
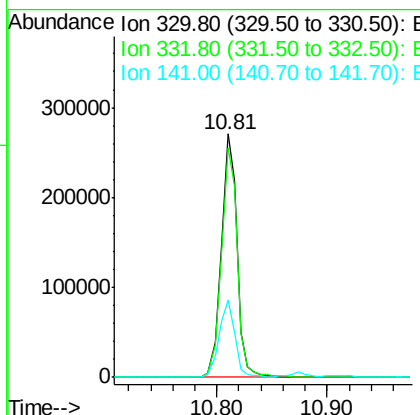
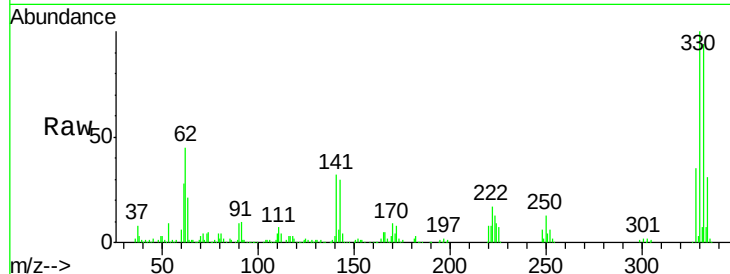
#41
 2,4,6-Tribromophenol
 Concen: 130.398 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	31.5	29.9	44.9

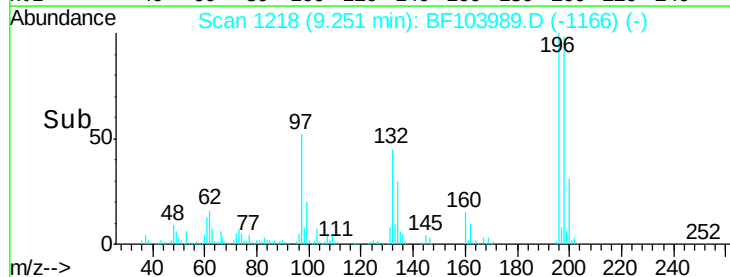
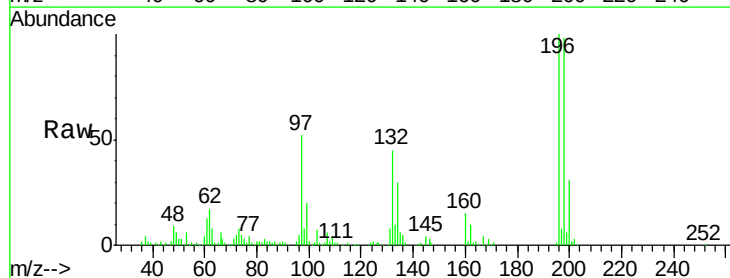
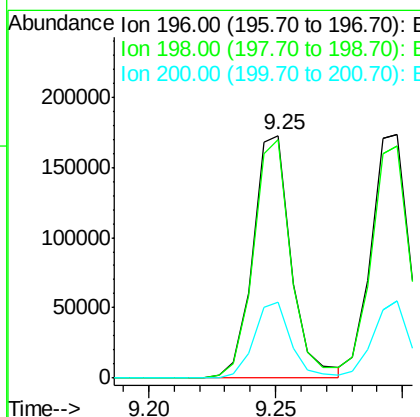
Manual Integrations
 APPROVED

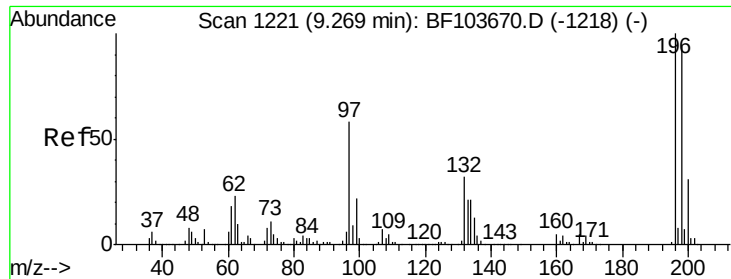
Sohil
 3/28/2018 4:54:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.445 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.7	113.5
200	31.3	24.5	36.7





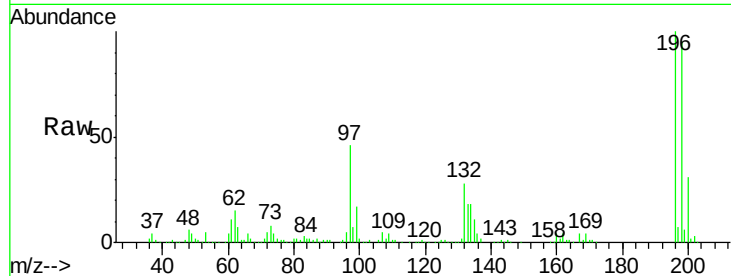
#43
 2,4,5-Trichlorophenol
 Concen: 39.281 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampled :
 SB-107(4-5)MS

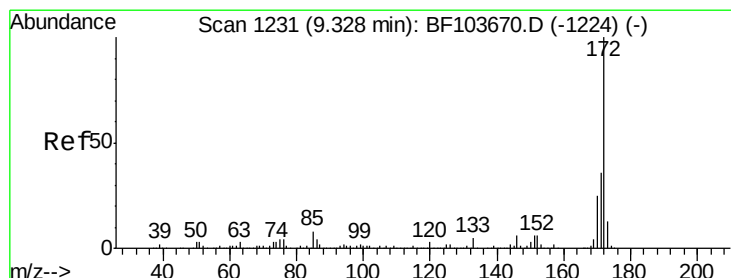
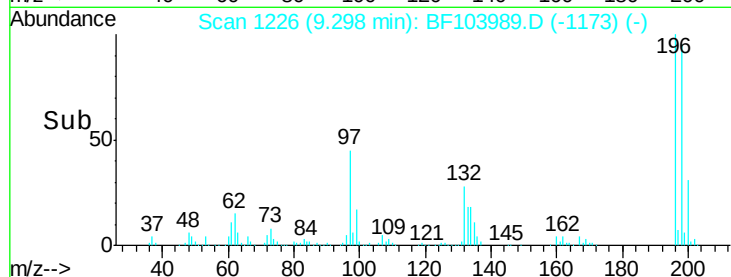
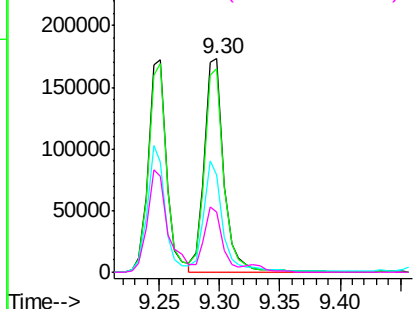
Tot Ion	196	Resp	194642
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	45.6	42.9	64.3
132	28.4	26.3	39.5

Manual Integrations
 APPROVED

Sohil
 3/28/2018 4:54:45 PM



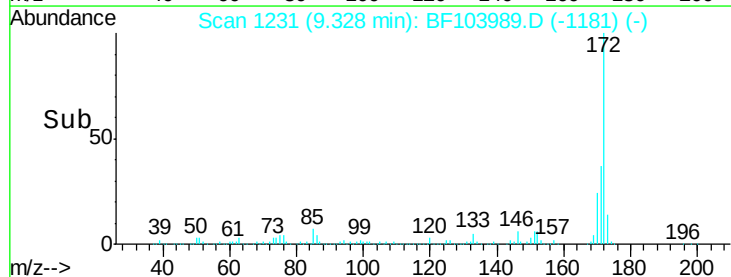
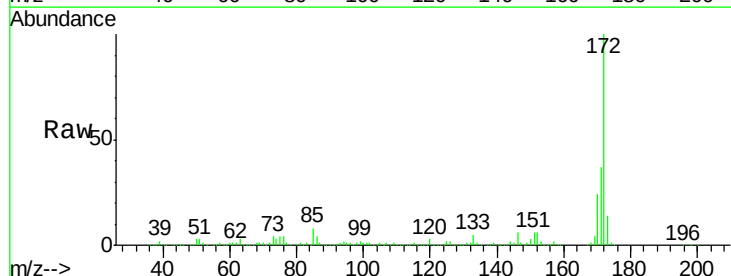
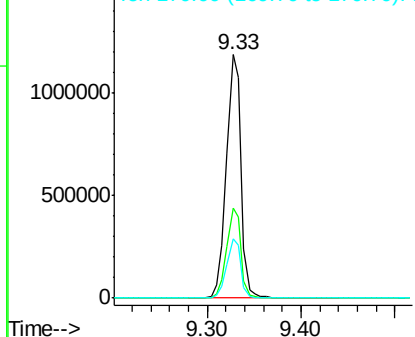
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

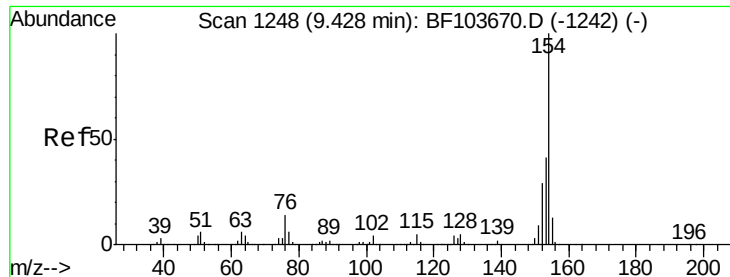


#44
 2-Fluorobiphenyl
 Concen: 85.385 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	172	Resp	1287809
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.067 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

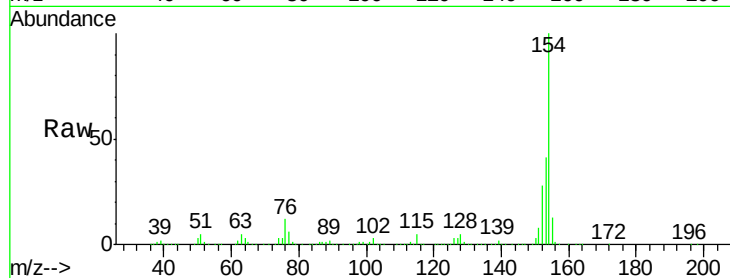
ClientSampleId :

SB-107(4-5)MS

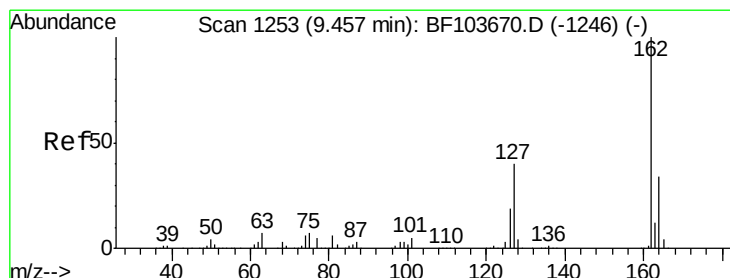
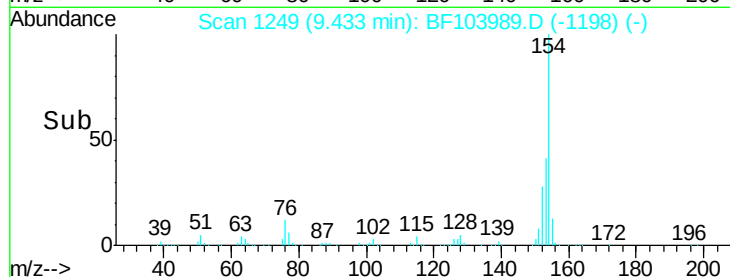
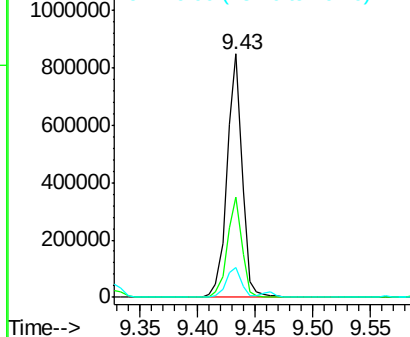
Tot Ion:	154	Resp:	763676
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	12.4	0.0	34.0

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.379 ng

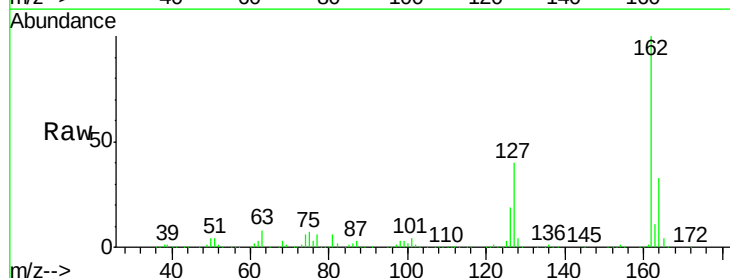
RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

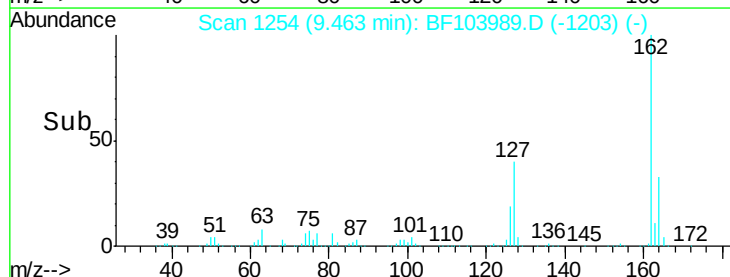
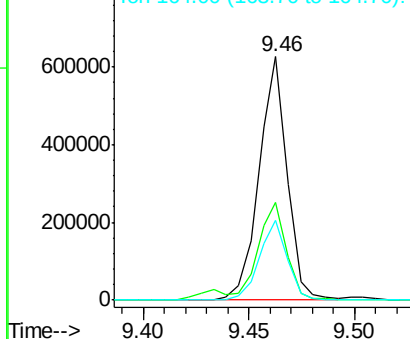
Lab File: BF103989.D

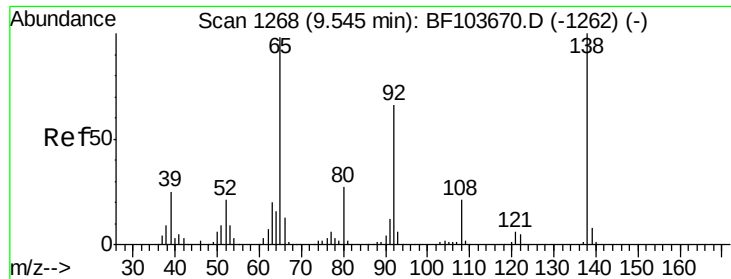
Acq: 27 Mar 2018 23:51

Tgt Ion:	162	Resp:	579670
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	32.8	26.5	39.7



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





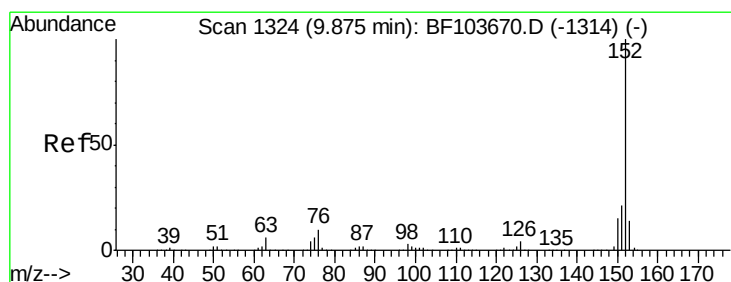
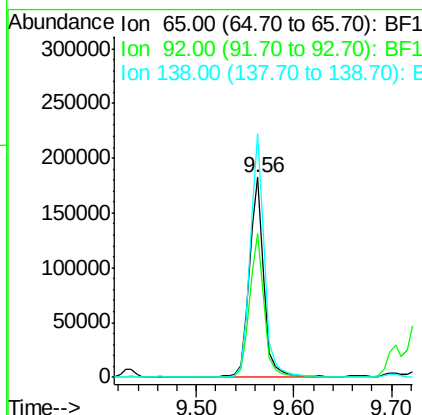
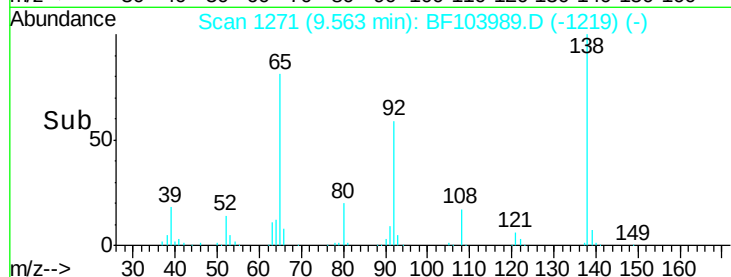
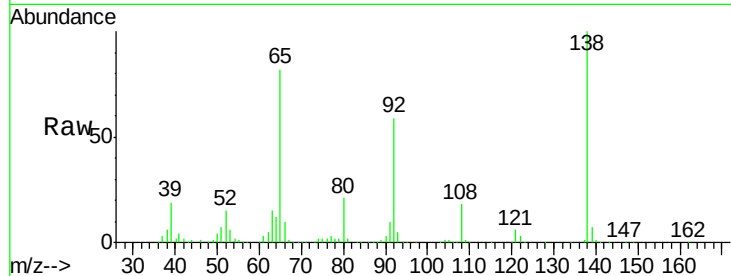
#47
2-Nitroaniline
Concen: 45.689 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	55.8	83.6
138	121.9	91.2	136.8

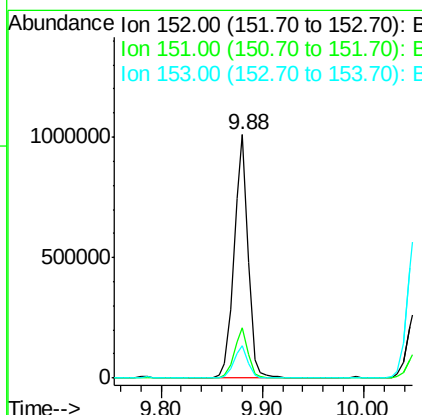
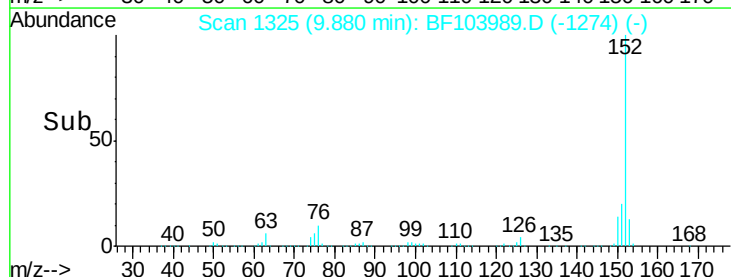
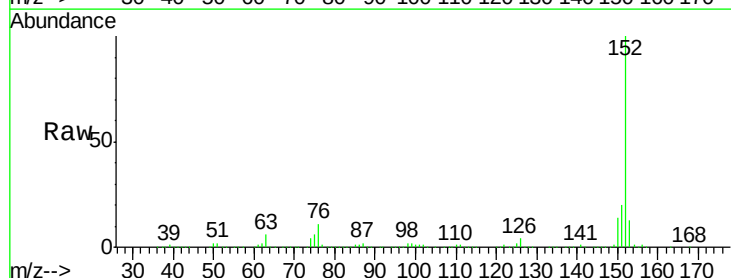
Manual Integrations
APPROVED

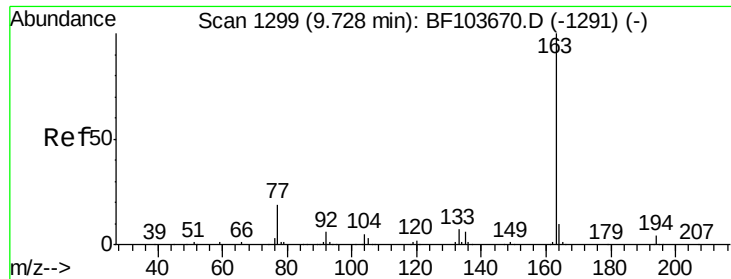
Sohil
3/28/2018 4:54:45 PM



#48
Acenaphthylene
Concen: 38.894 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1





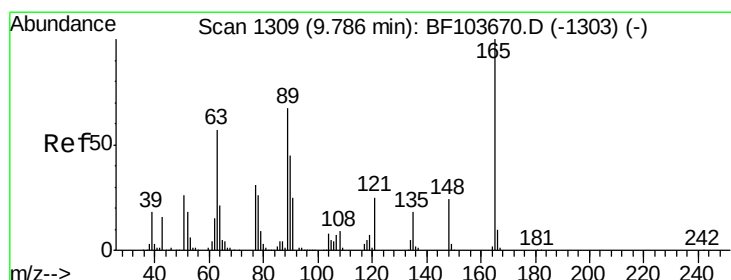
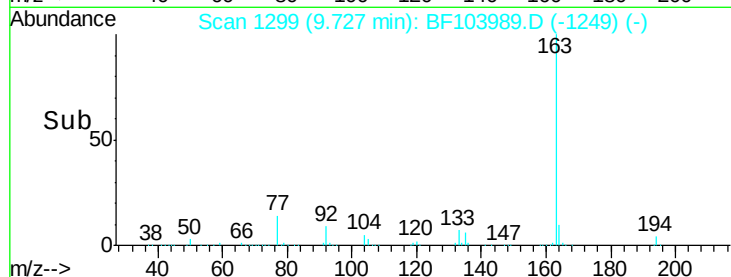
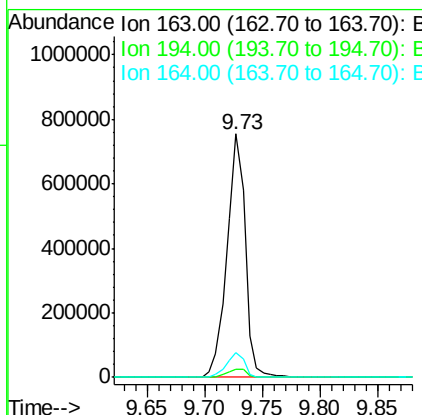
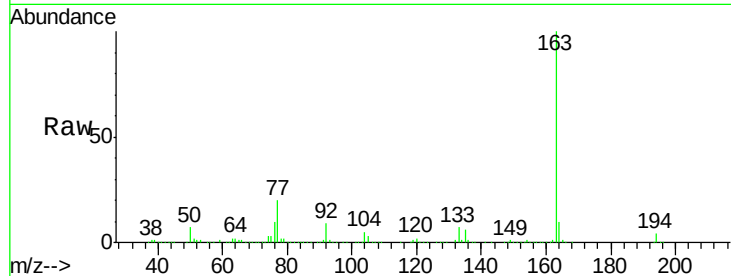
#49
Dimethylphthalate
Concen: 44.975 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampled :
SB-107(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	825534		
194	3.6		2.7	4.1
164	10.3		8.2	12.2

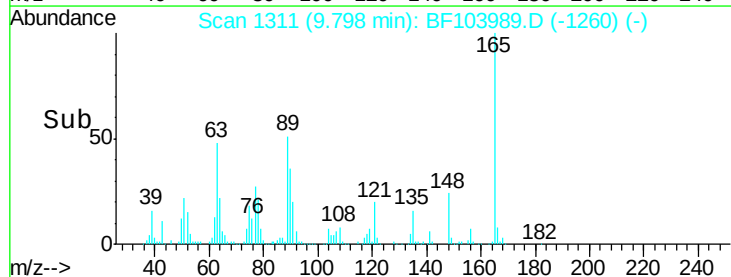
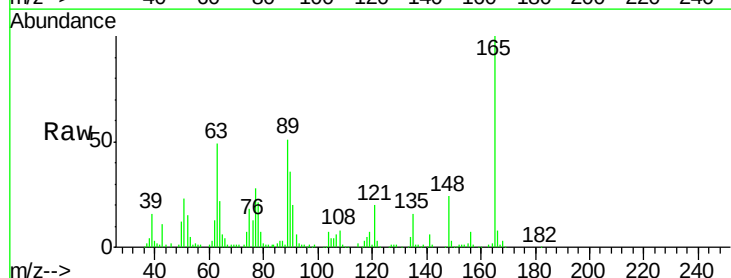
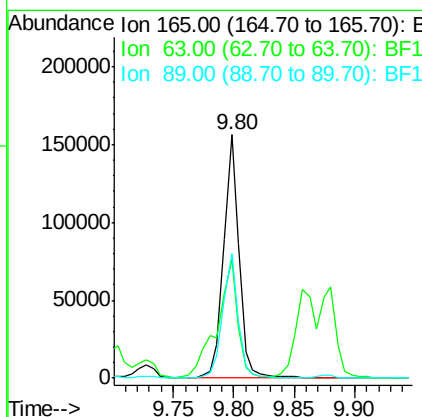
Manual Integrations
APPROVED

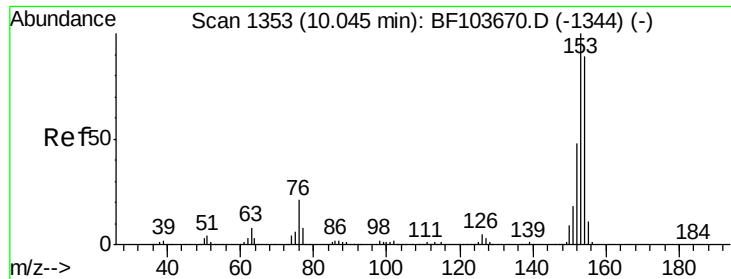
Sohil
3/28/2018 4:54:45 PM



#50
2,6-Dinitrotoluene
Concen: 39.715 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138357		
63	48.7		44.7	67.1
89	51.2		44.0	66.0





#51

Acenaphthene

Concen: 35.493 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

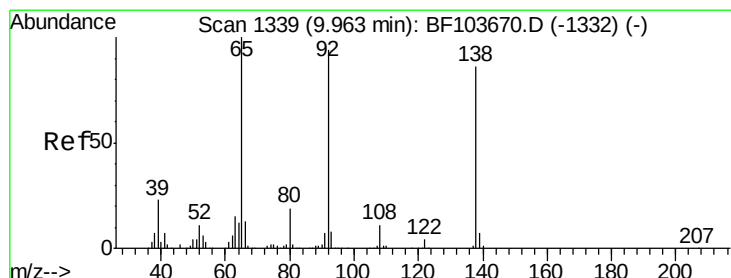
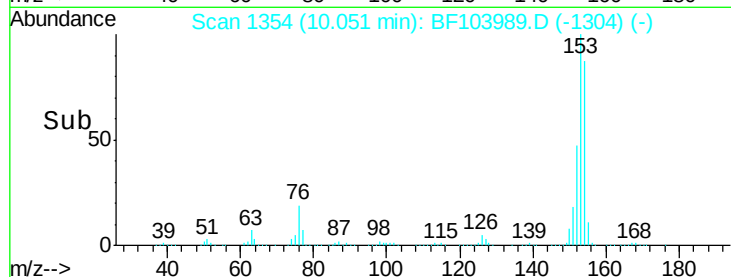
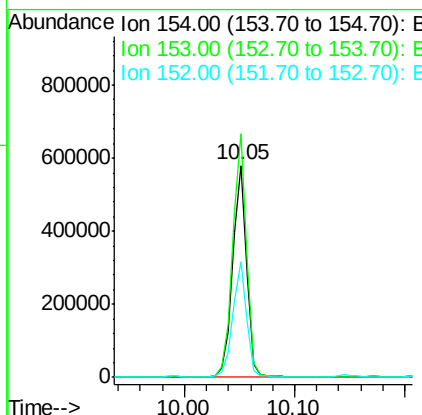
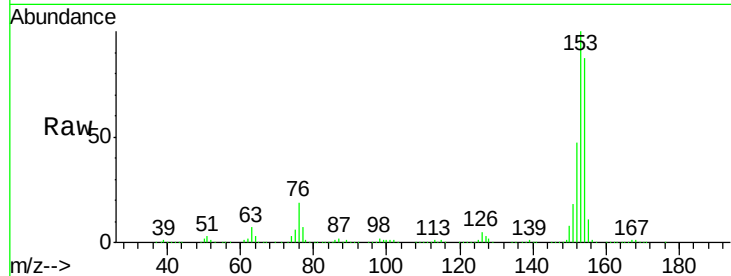
ClientSampleId :

SB-107(4-5)MS

Tot Ion:	154	Resp:	520734
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.2	136.8
152	54.3	43.8	65.8

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#52

3-Nitroaniline

Concen: 40.770 ng

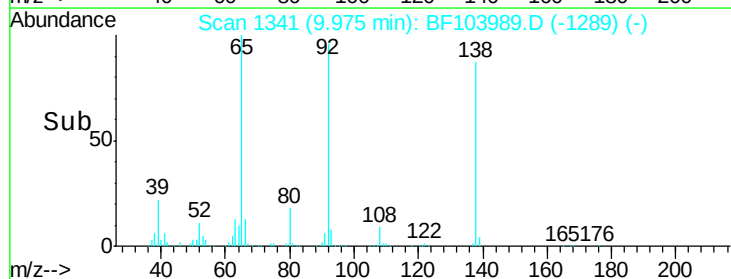
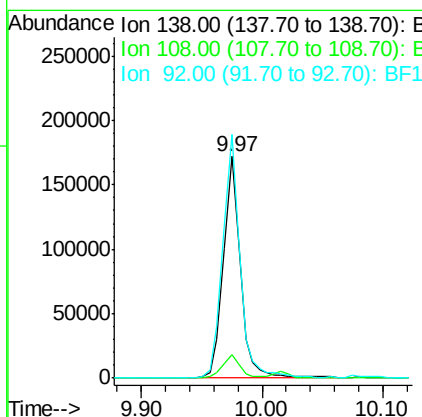
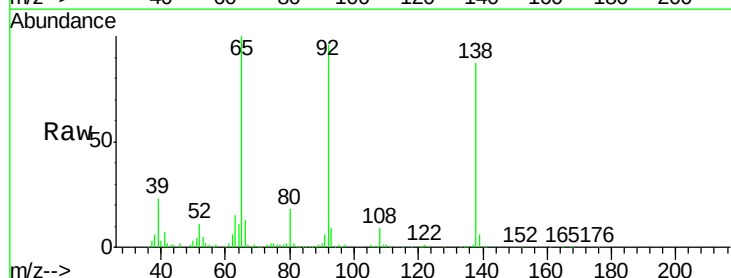
RT: 9.97 min Scan# 1341

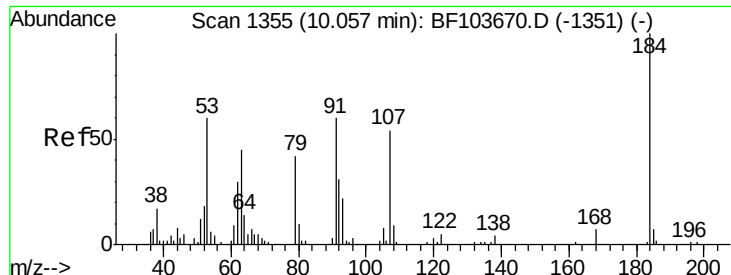
Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:	138	Resp:	170842
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	109.9	89.4	134.2





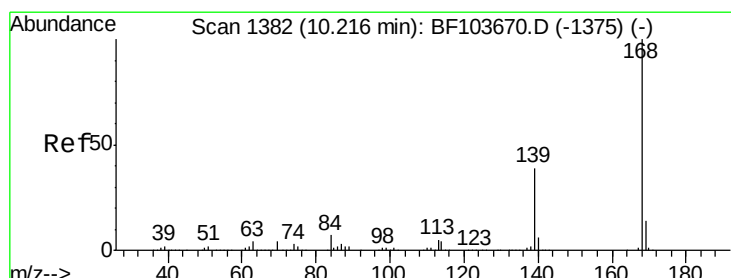
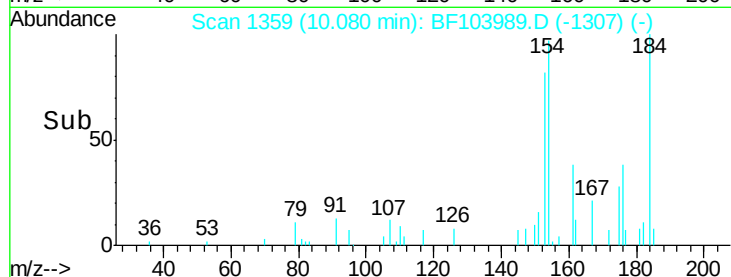
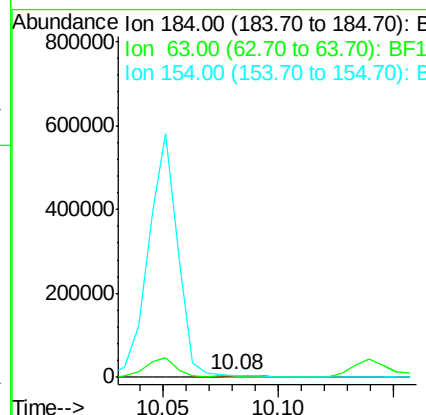
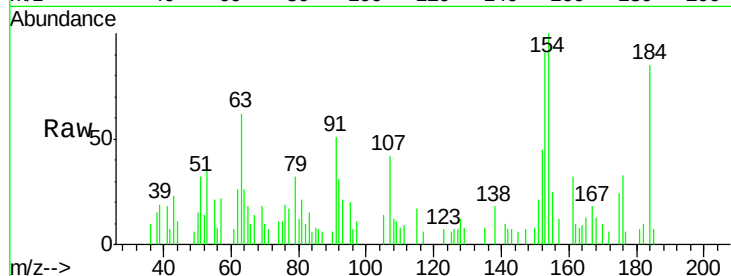
#53
2,4-Dinitrophenol
Concen: 17.983 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.0	54.2	81.2
154	117.1	184.0	276.0#

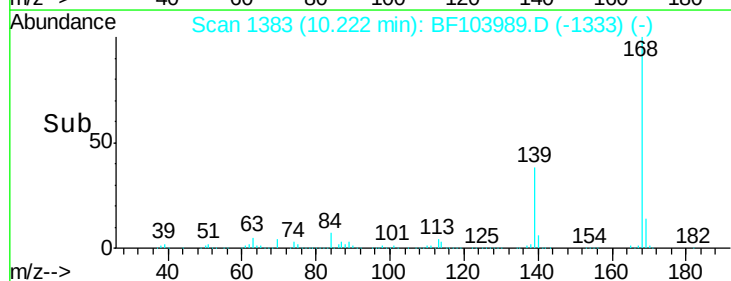
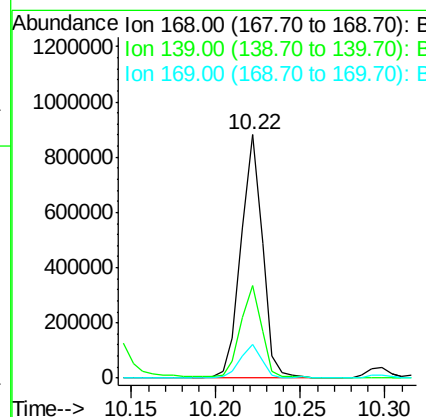
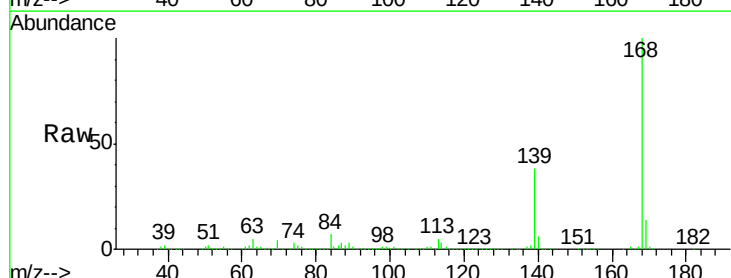
Manual Integrations
APPROVED

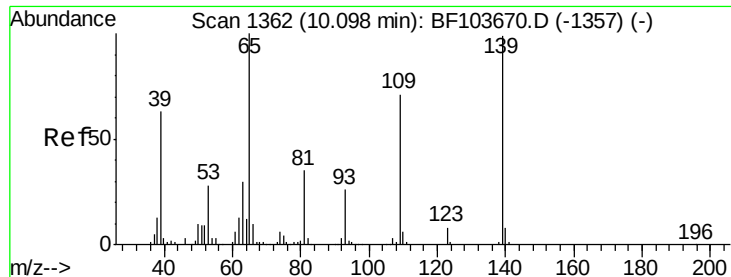
Sohil
3/28/2018 4:54:45 PM



#54
Dibenzofuran
Concen: 37.025 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.7	10.9	16.3





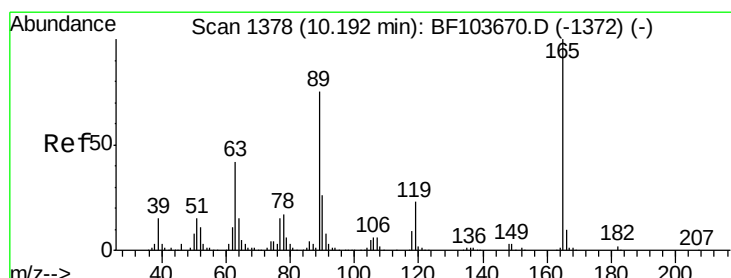
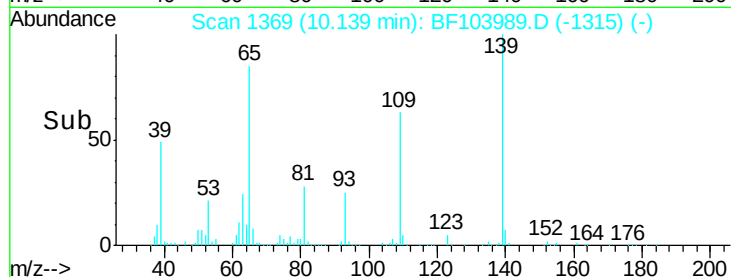
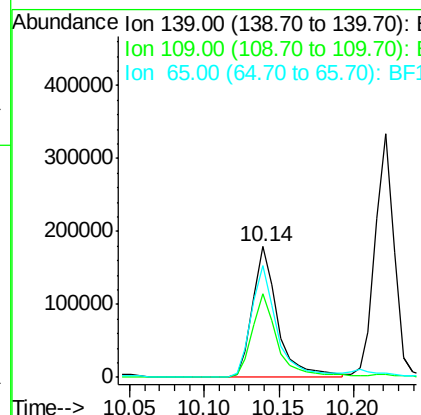
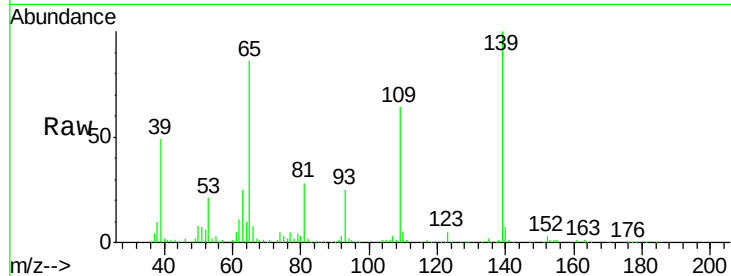
#55
4-Nitrophenol
Concen: 63.290 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.6	48.4	88.4	
65	85.8	72.6	112.6	

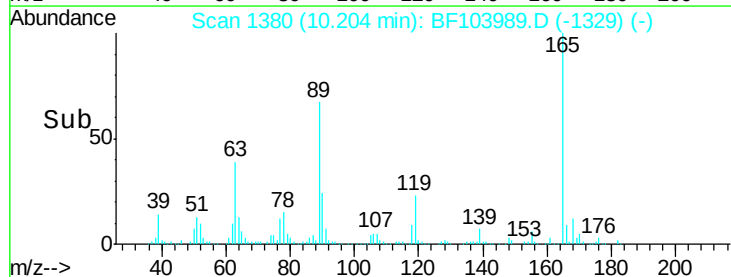
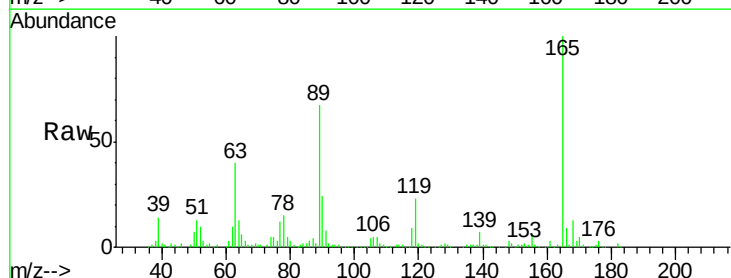
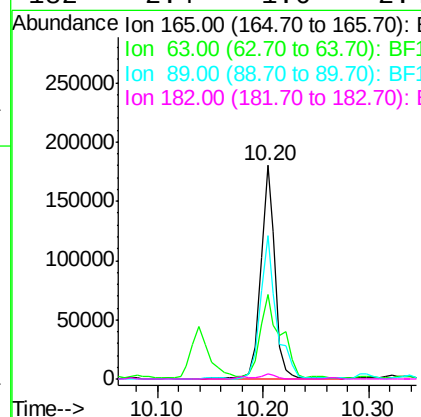
Manual Integrations
APPROVED

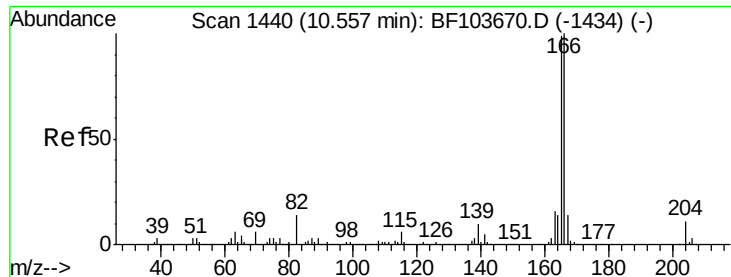
Sohil
3/28/2018 4:54:45 PM



#56
2,4-Dinitrotoluene
Concen: 39.953 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.8	36.4	54.6	
89	66.8	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 41.609 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

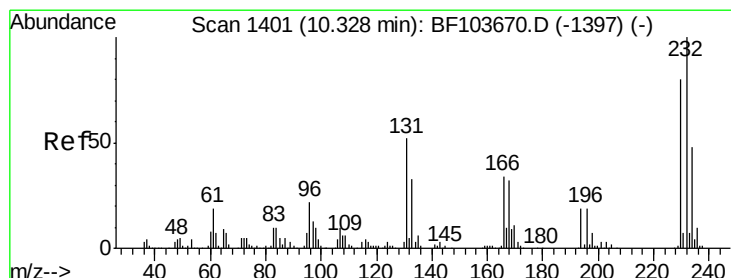
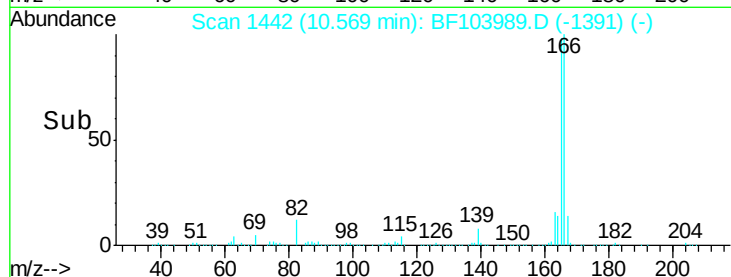
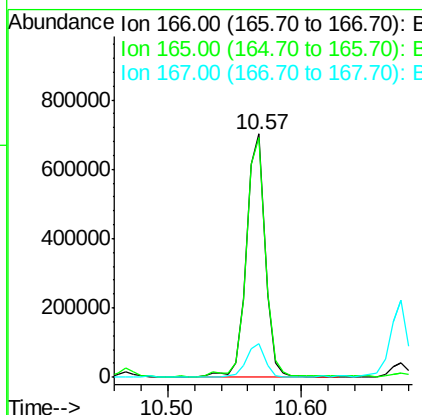
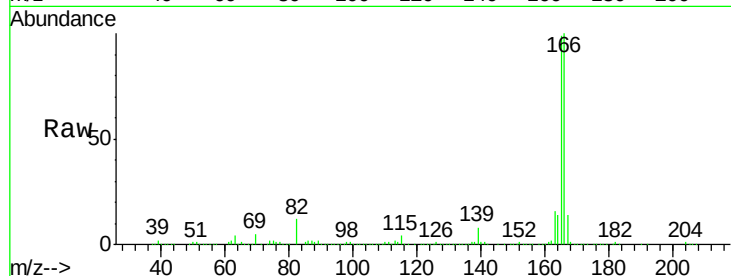
ClientSampleId :

SB-107(4-5)MS

Tot Ion:	166	Resp:	676551
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.8	119.8
167	13.7	10.6	16.0

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.588 ng

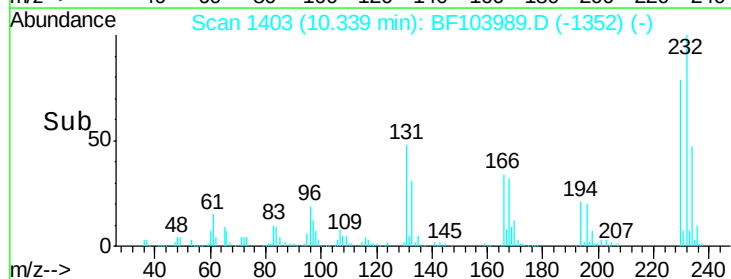
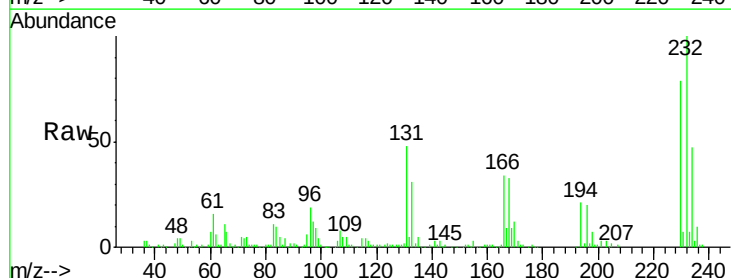
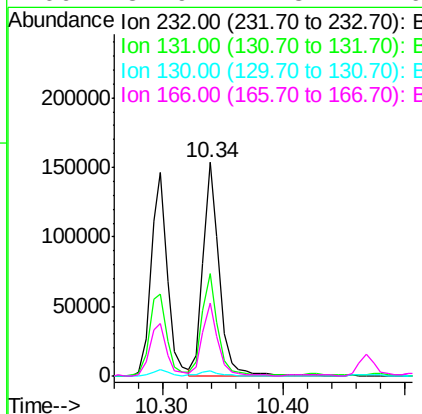
RT: 10.34 min Scan# 1403

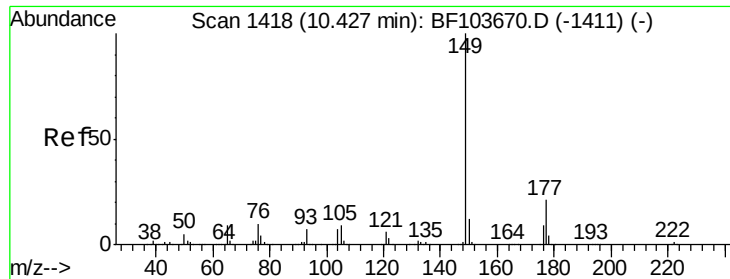
Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:	232	Resp:	142508
Ion Ratio	Lower	Upper	
232	100		
131	46.8	43.8	65.8
130	2.8	2.1	3.1
166	32.9	27.8	41.6





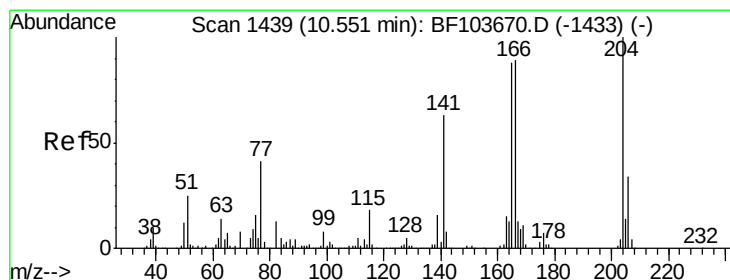
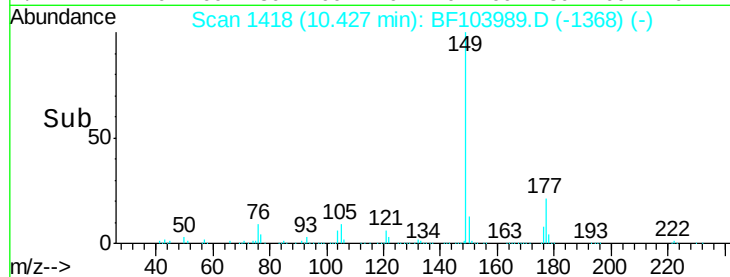
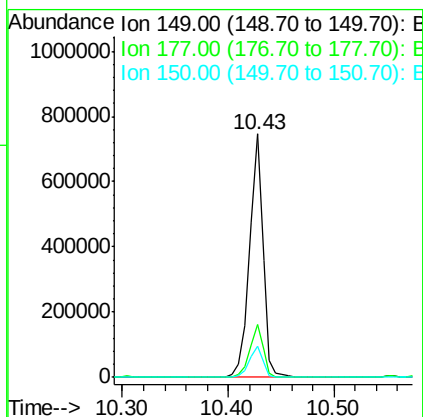
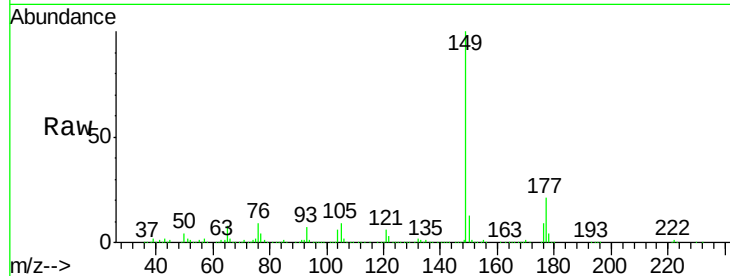
#59
Diethylphthalate
Concen: 36.440 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.9	10.1	15.1

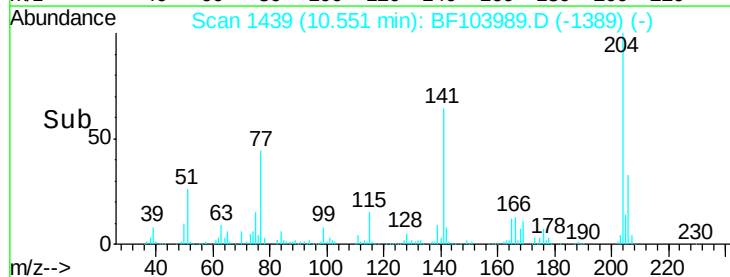
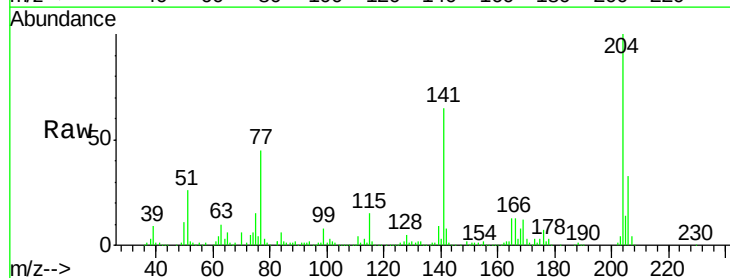
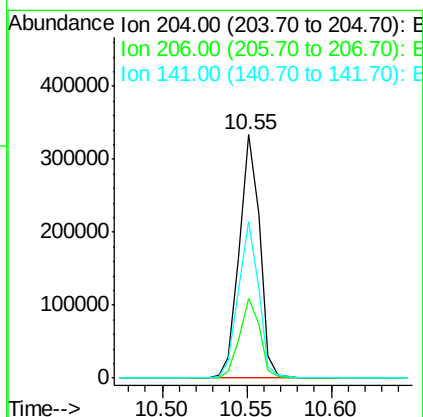
Manual Integrations
APPROVED

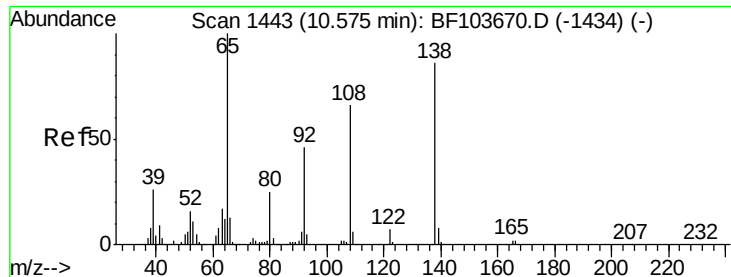
Sohil
3/28/2018 4:54:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.758 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	64.6	54.6	81.8





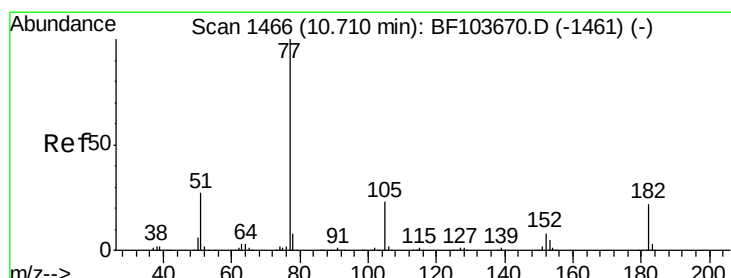
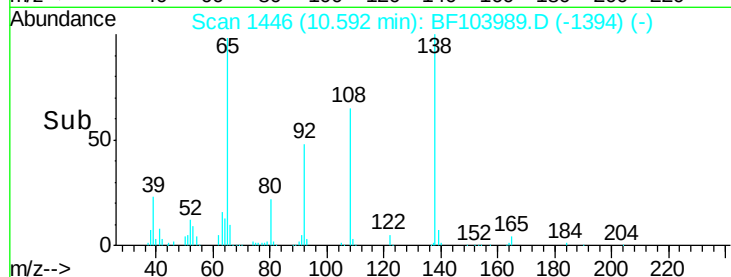
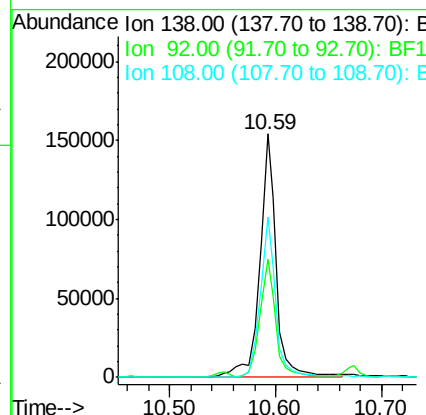
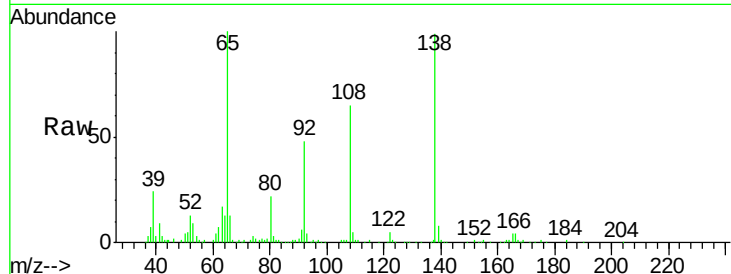
#61
4-Nitroaniline
Concen: 42.184 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	65.9	52.5	92.5

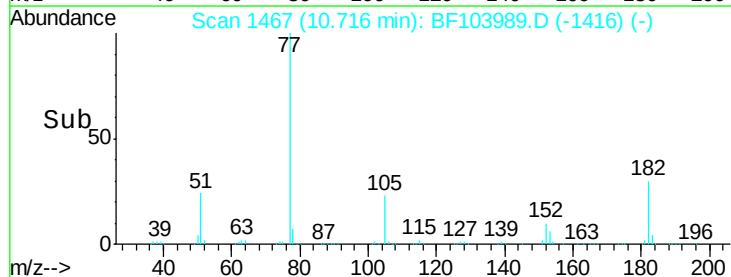
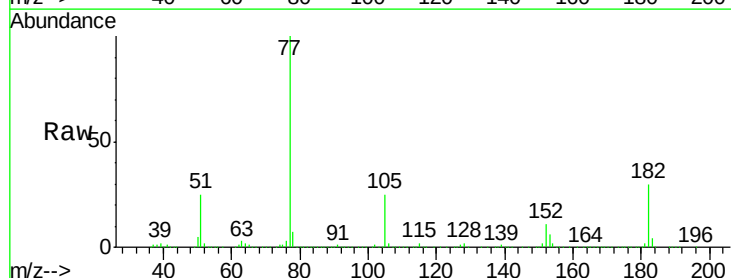
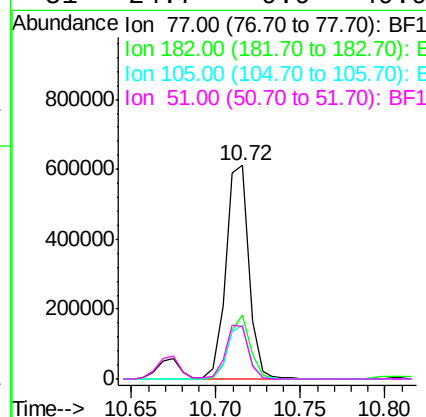
Manual Integrations
APPROVED

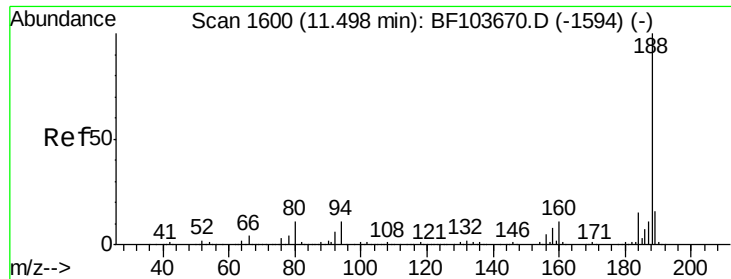
Sohil
3/28/2018 4:54:45 PM



#62
Azobenzene
Concen: 31.153 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.1	1.7	41.7
105	25.1	3.0	43.0
51	24.7	9.9	49.9





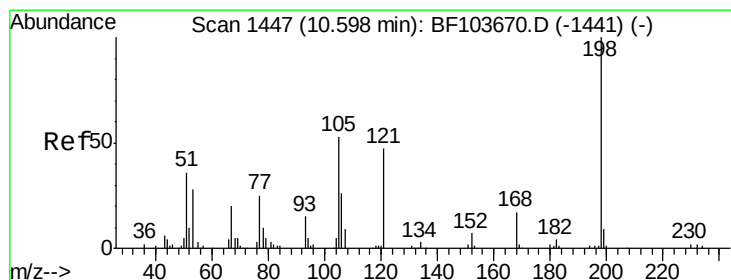
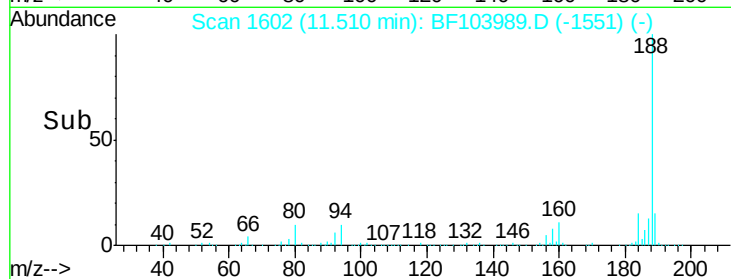
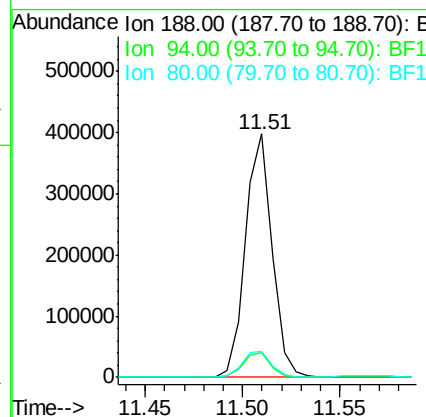
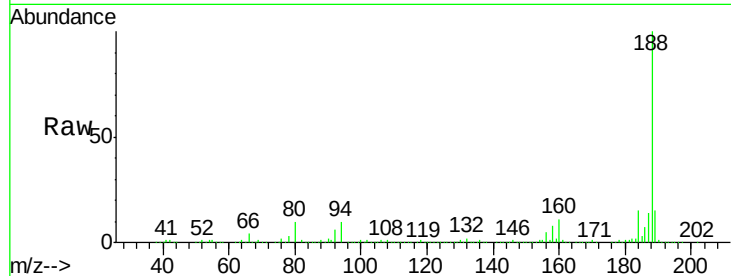
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	377089		
94	10.4		8.5	12.7
80	10.5		9.2	13.8

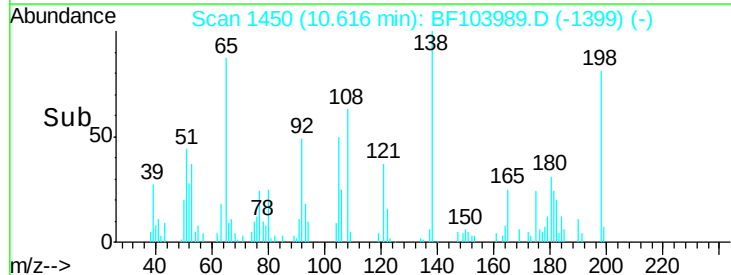
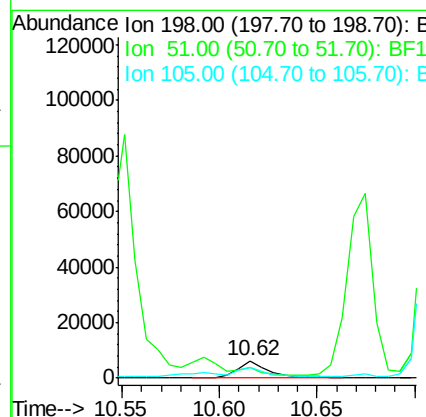
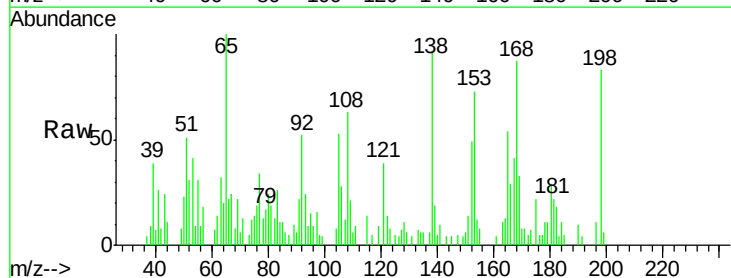
Manual Integrations
APPROVED

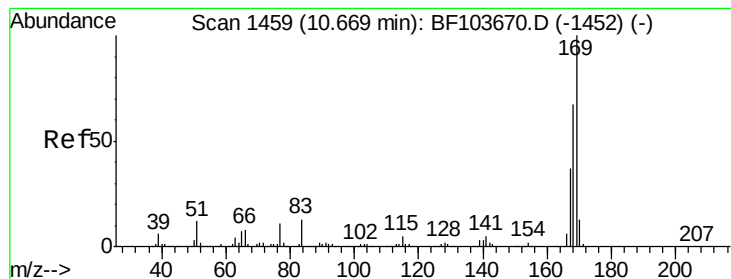
Sohil
3/28/2018 4:54:45 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 13.390 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	6880		
51	62.1		37.7	77.7
105	63.8		36.3	76.3





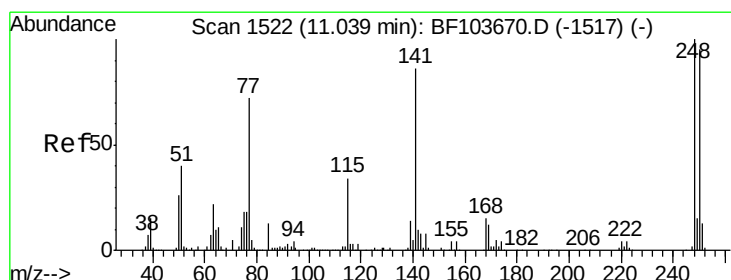
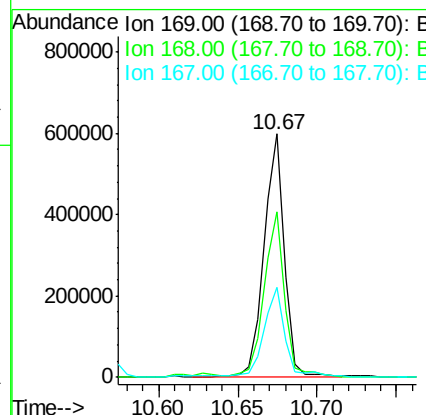
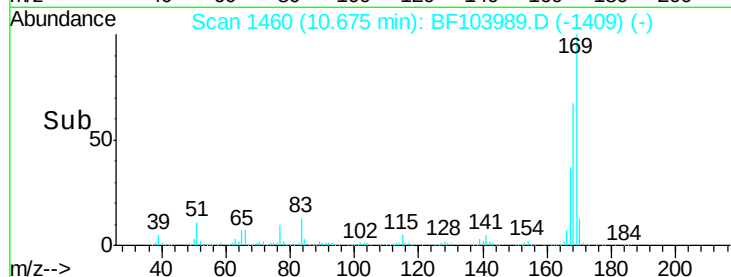
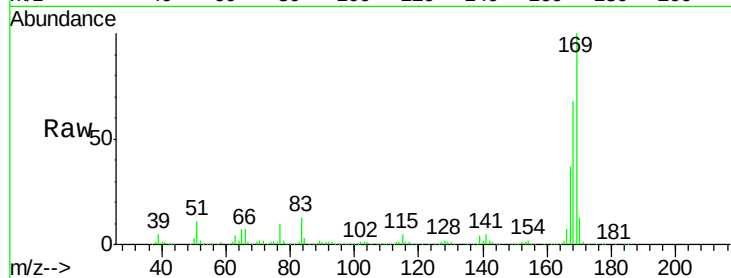
#65
 n-Nitrosodiphenylamine
 Concen: 41.501 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		532678		
168	67.8	54.4		81.6	
167	37.1	29.8		44.6	

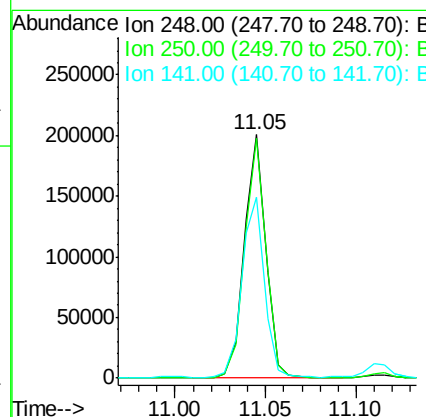
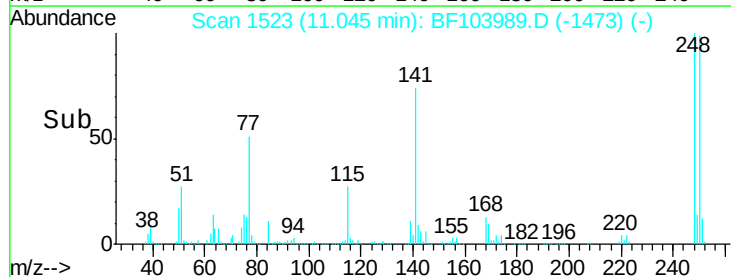
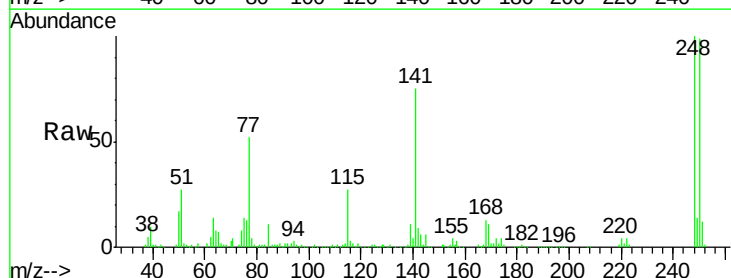
Manual Integrations
 APPROVED

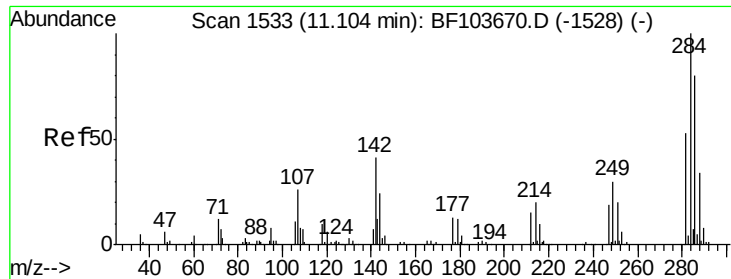
Sohil
 3/28/2018 4:54:45 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.743 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		165490		
250	98.7	76.9		115.3	
141	74.5	74.4		111.6	





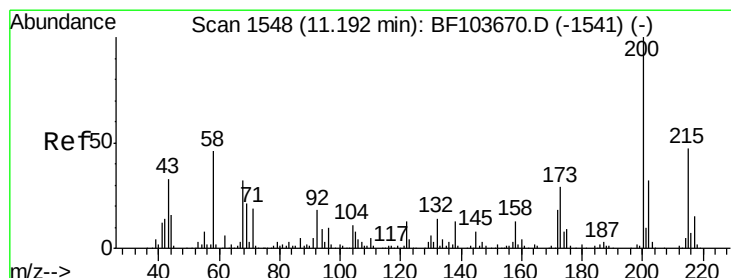
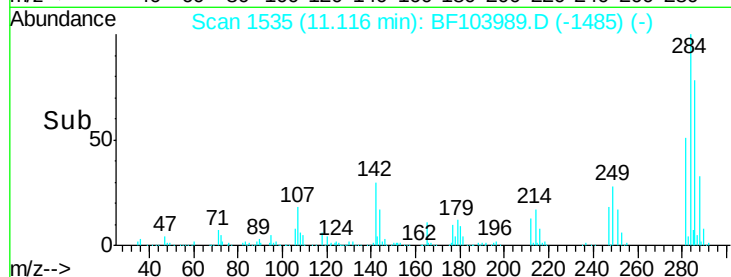
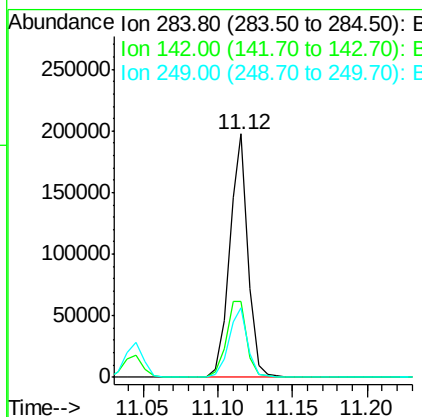
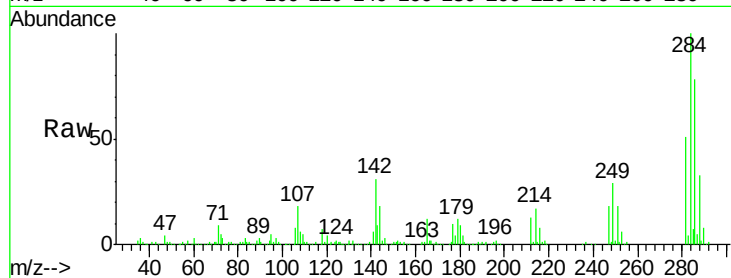
#67
Hexachlorobenzene
Concen: 38.750 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampled :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.0	34.6	52.0#
249	28.6	24.8	37.2

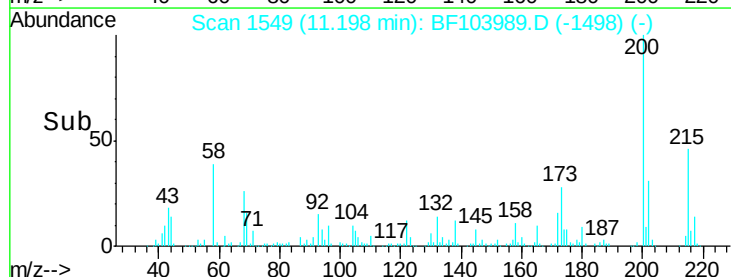
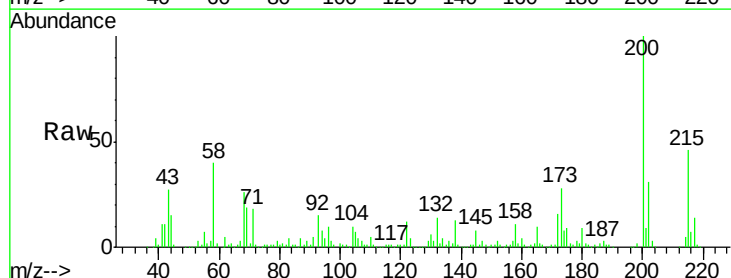
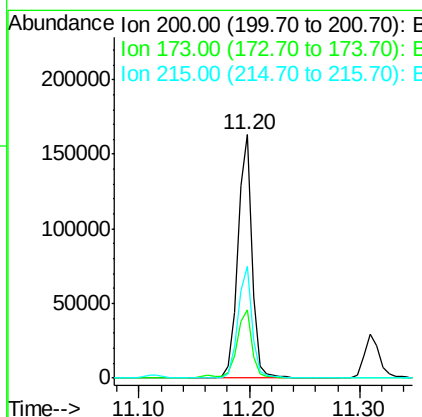
Manual Integrations
APPROVED

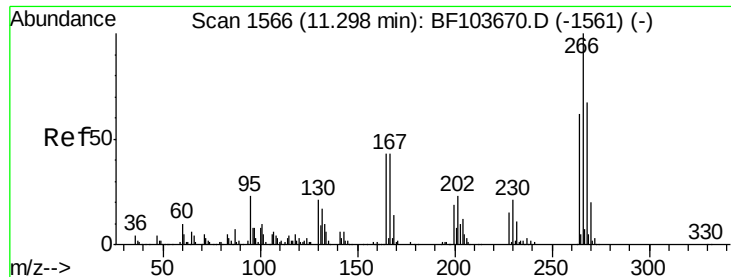
Sohil
3/28/2018 4:54:45 PM



#68
Atrazine
Concen: 37.243 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	45.8	25.1	65.1





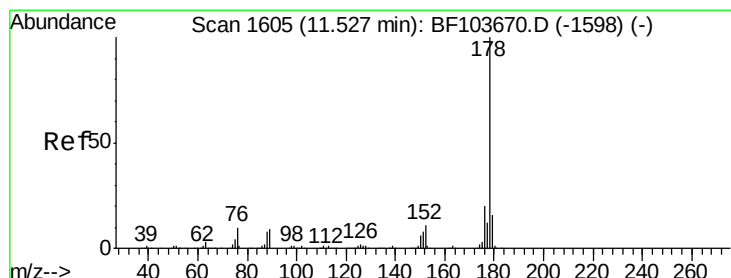
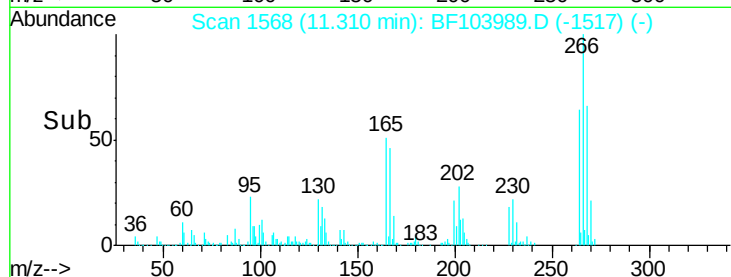
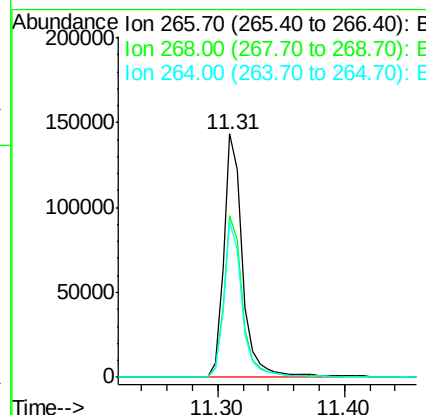
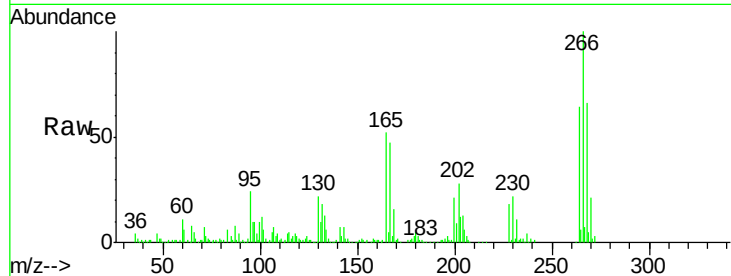
#69
 Pentachlorophenol
 Concen: 58.857 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	149528		
268	66.3	51.1	76.7	
264	64.4	49.5	74.3	

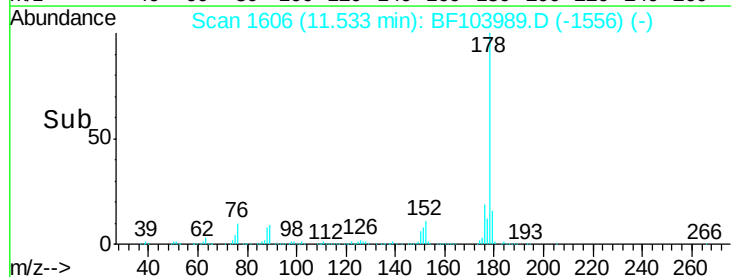
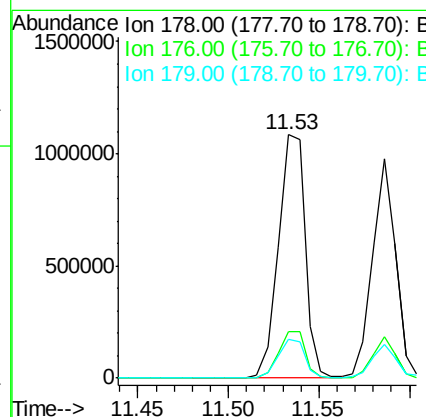
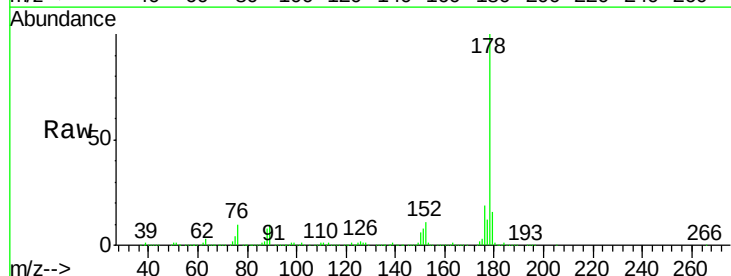
Manual Integrations
 APPROVED

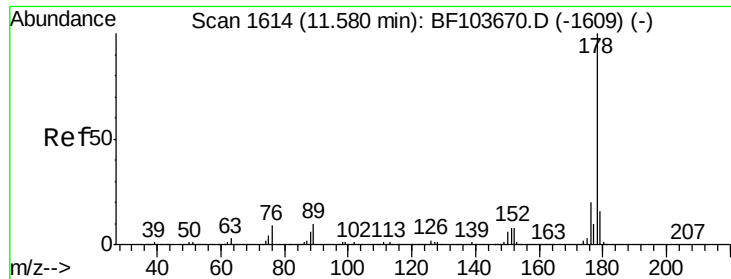
Sohil
 3/28/2018 4:54:45 PM



#70
 Phenanthrene
 Concen: 54.081 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1115572		
176	19.3	15.8	23.8	
179	16.0	13.0	19.6	





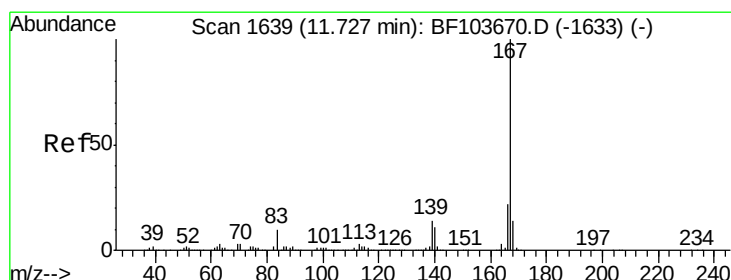
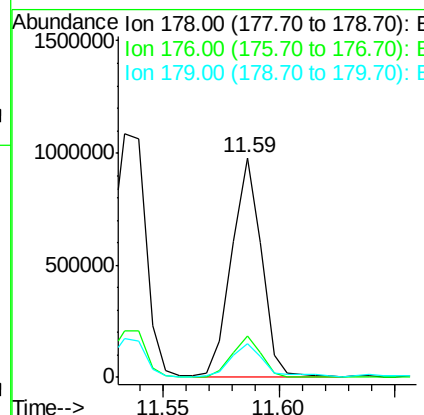
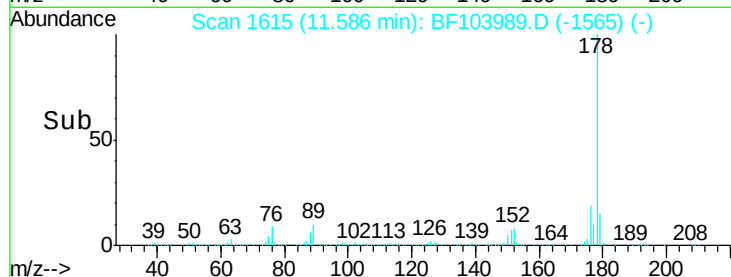
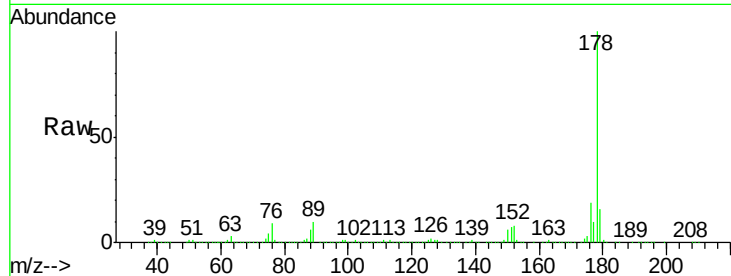
#71
 Anthracene
 Concen: 41.848 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	19.0

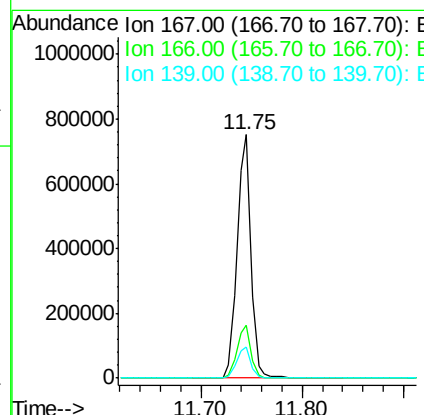
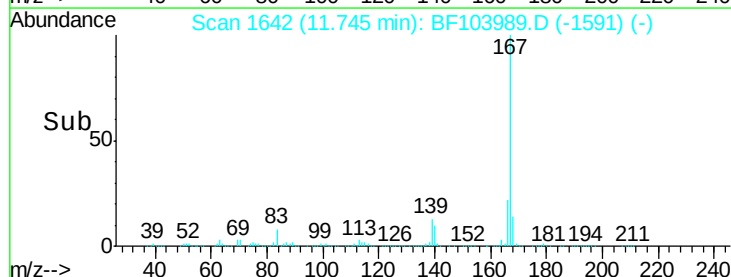
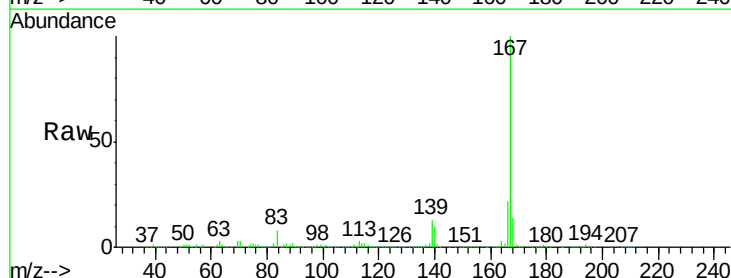
Manual Integrations
 APPROVED

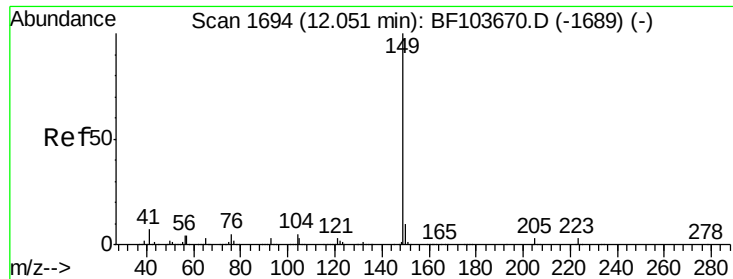
Sohil
 3/28/2018 4:54:45 PM



#72
 Carbazole
 Concen: 34.971 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.753 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

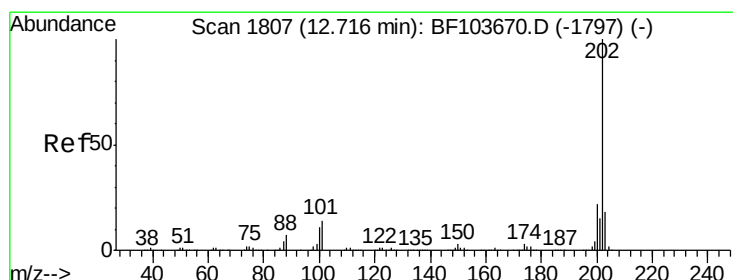
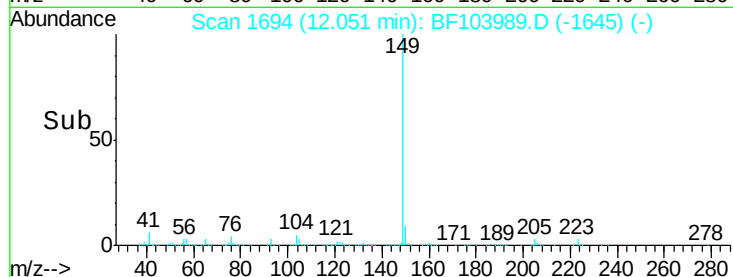
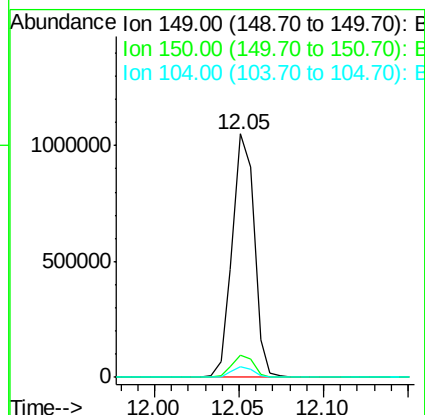
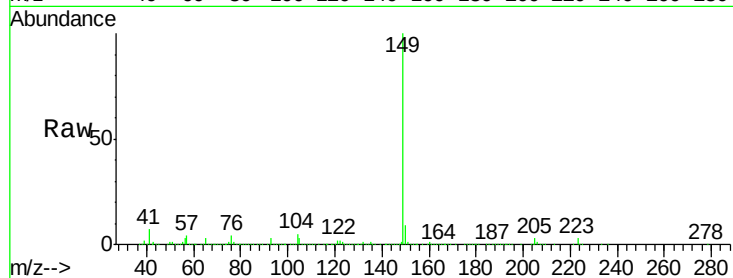
ClientSampleId :

SB-107(4-5)MS

Tot Ion:	149	Resp:	946864
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#74

Fluoranthene

Concen: 45.854 ng

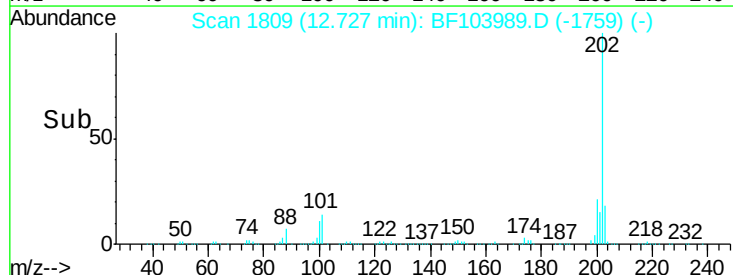
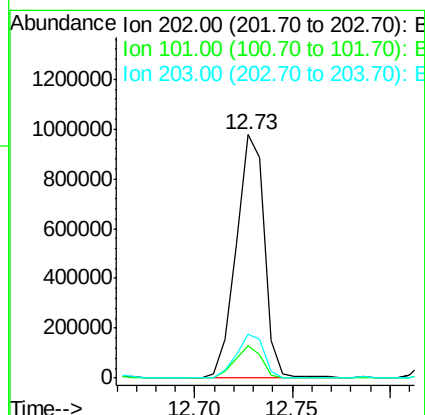
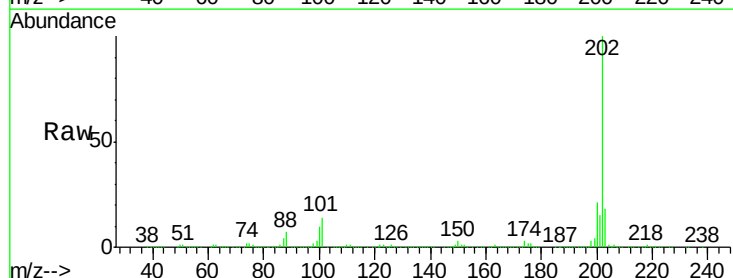
RT: 12.73 min Scan# 1809

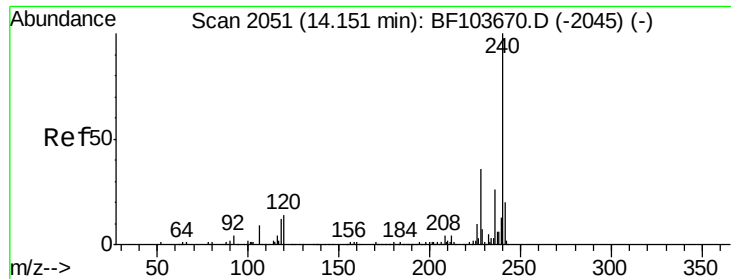
Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:	202	Resp:	974441
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

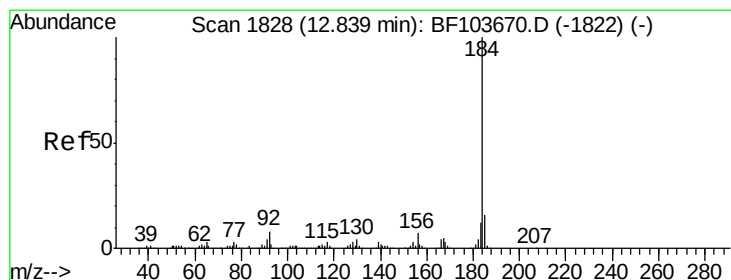
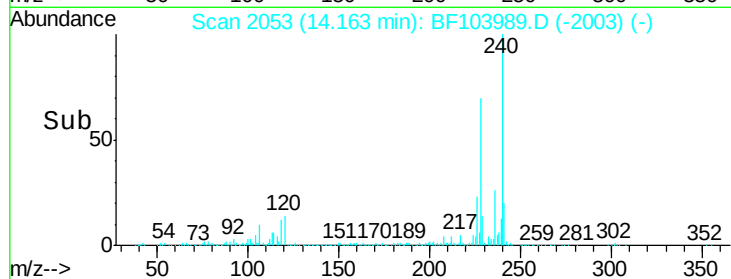
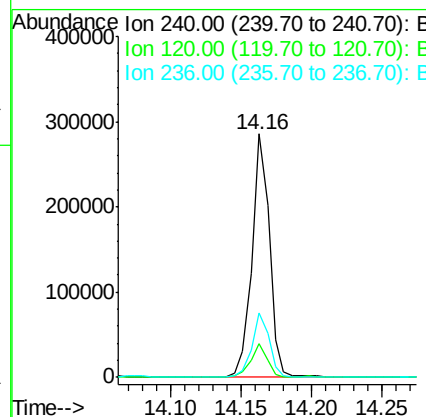
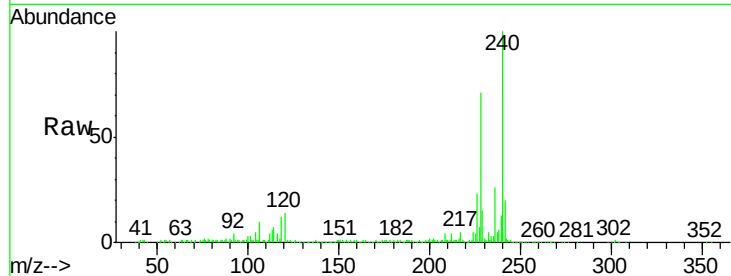
ClientSampleId :

SB-107(4-5)MS

Tot Ion:	240	Resp:	247435
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



#76

Benzidine

Concen: 41.098 ng

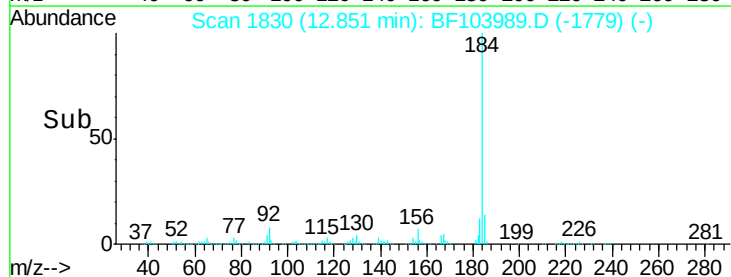
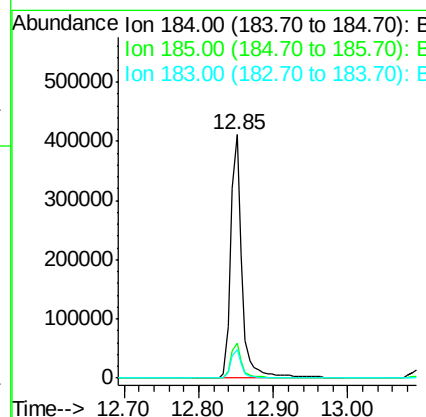
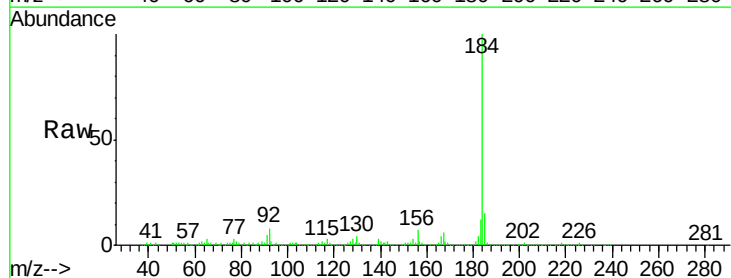
RT: 12.85 min Scan# 1830

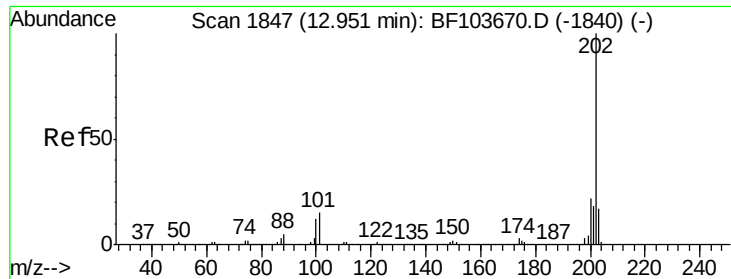
Delta R.T. -0.00 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Tgt Ion:	184	Resp:	433711
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	12.0	9.3	13.9





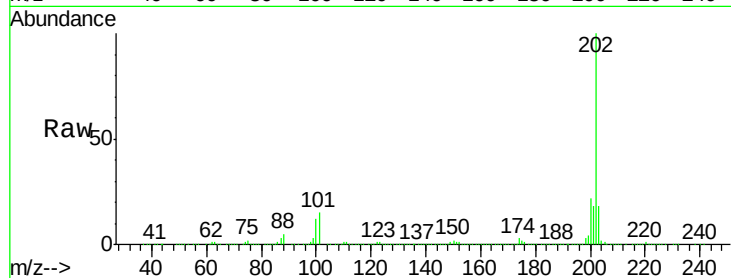
#77
Pvrene
Concen: 57.681 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

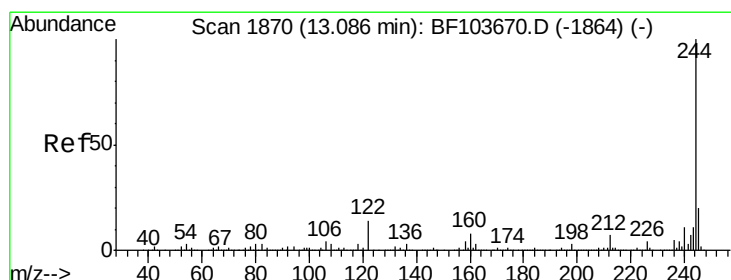
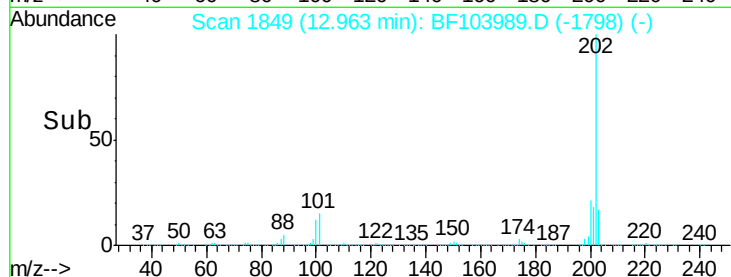
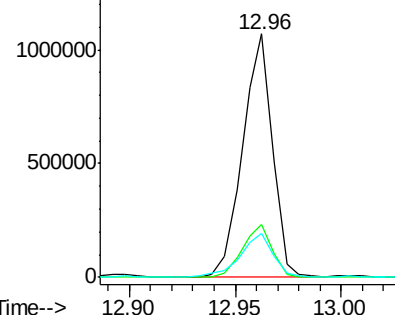
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.3	21.5

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM



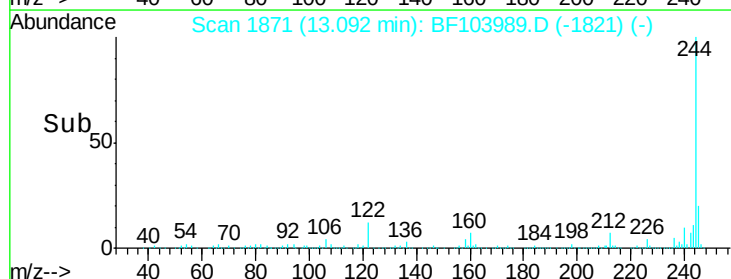
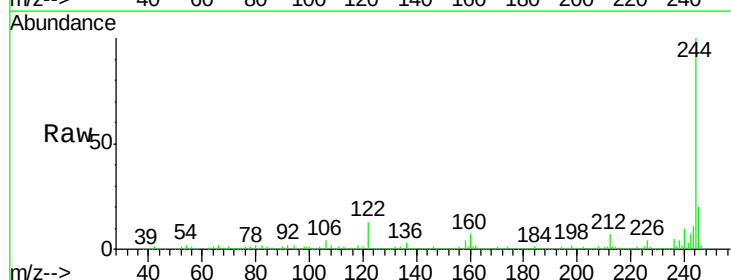
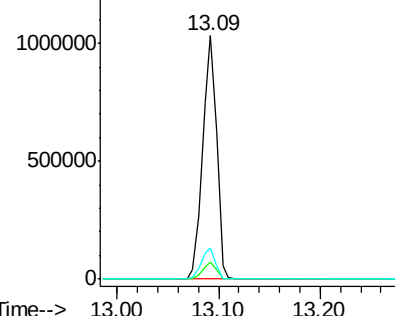
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

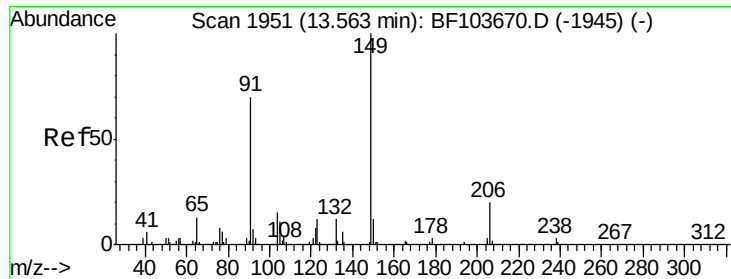


#78
Terphenyl-d14
Concen: 92.621 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





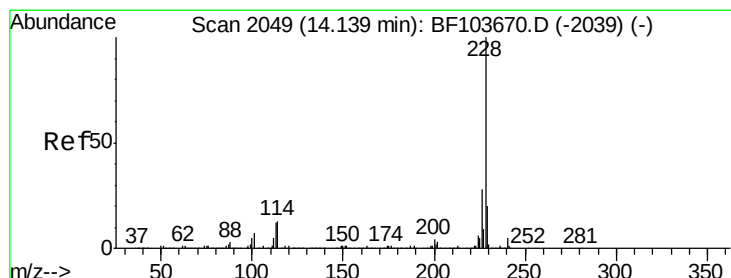
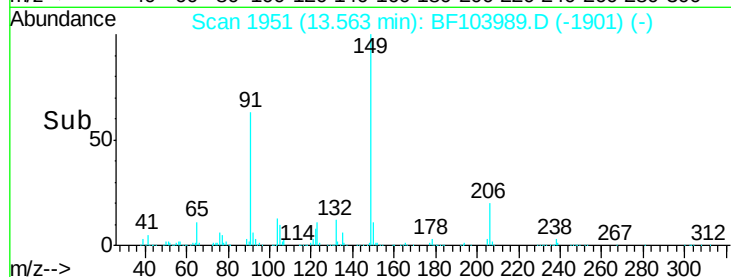
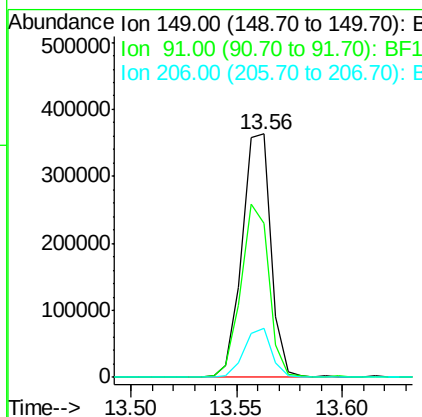
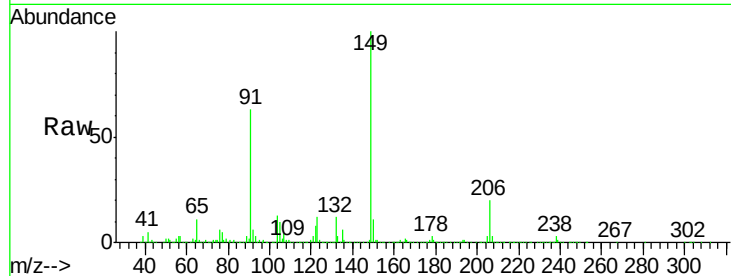
#79
Butylbenzylphthalate
Concen: 42.643 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	343313		
91	63.4	56.8	85.2	
206	20.1	14.1	21.1	

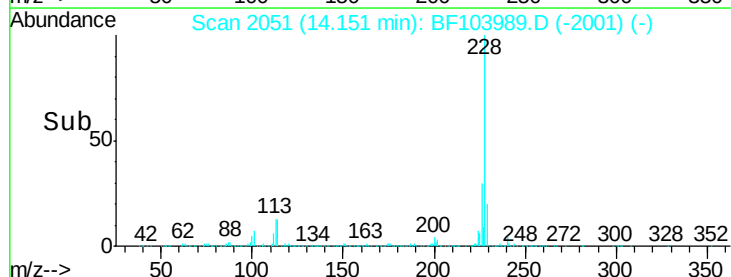
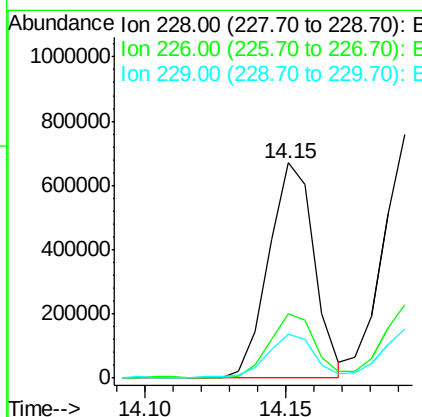
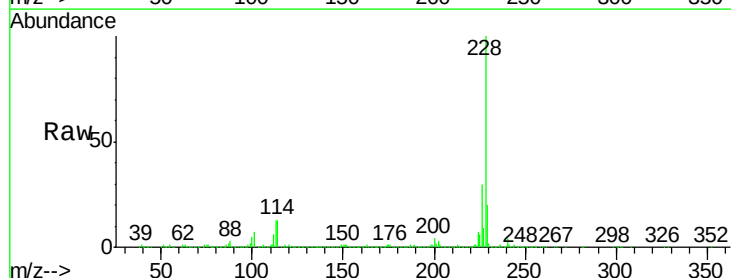
Manual Integrations
APPROVED

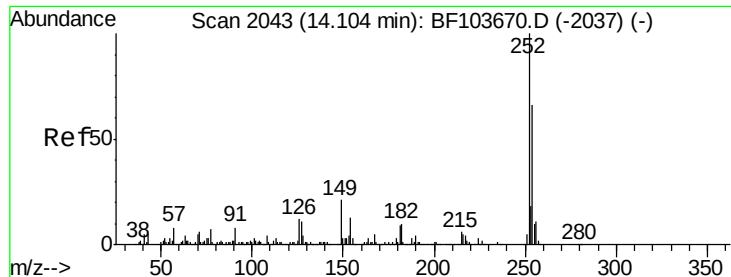
Sohil
3/28/2018 4:54:45 PM



#80
Benzo(a)anthracene
Concen: 47.573 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	745114		
226	30.1	22.6	33.8	
229	20.2	15.8	23.6	





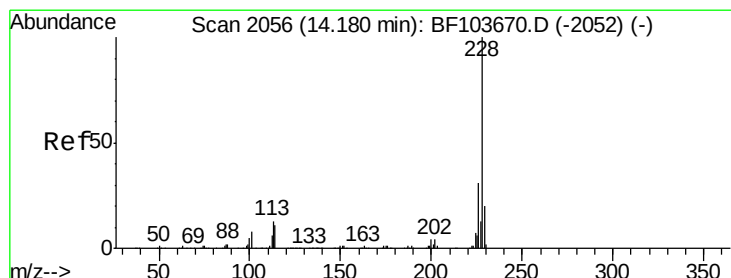
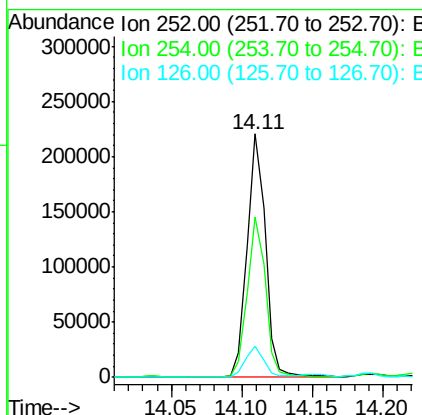
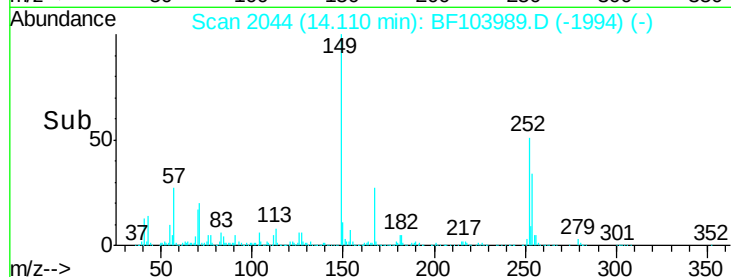
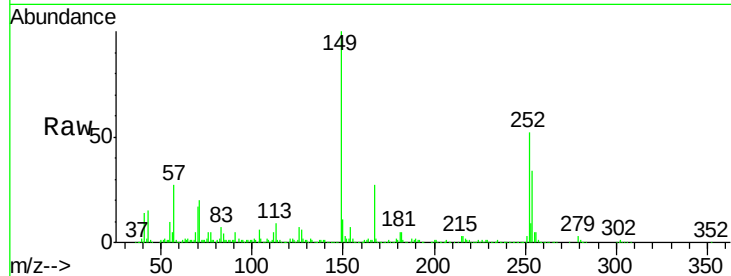
#81
 3,3'-Dichlorobenzidine
 Concen: 38.773 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	12.7	11.3	16.9

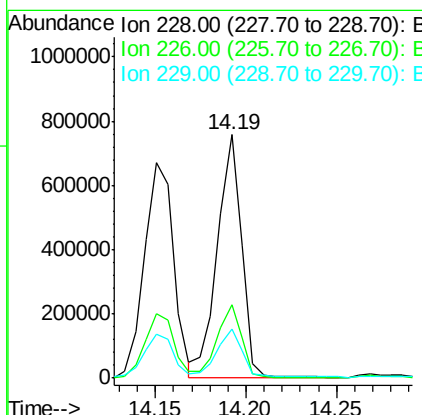
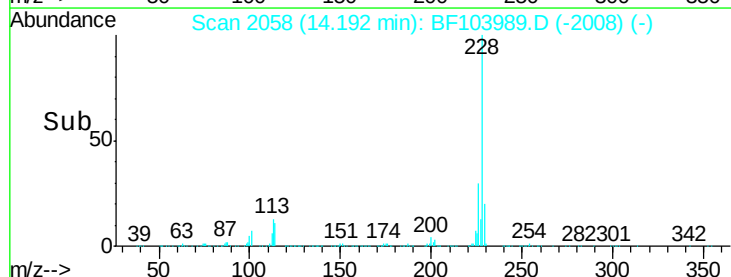
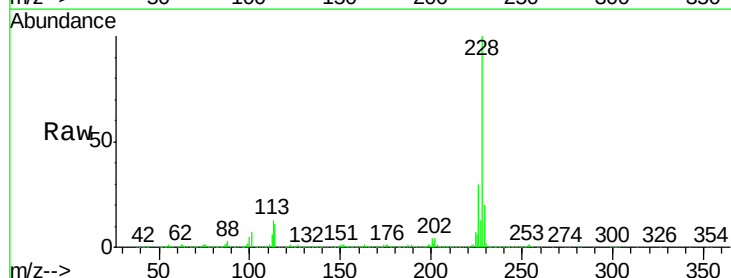
Manual Integrations
 APPROVED

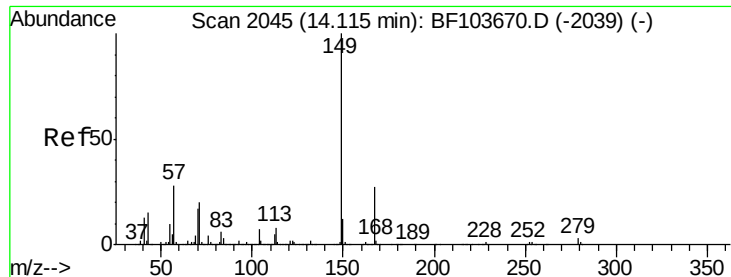
Sohil
 3/28/2018 4:54:45 PM



#82
 Chrysene
 Concen: 47.062 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.3	16.2	24.4





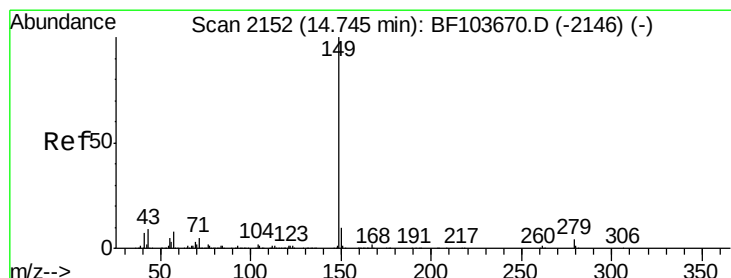
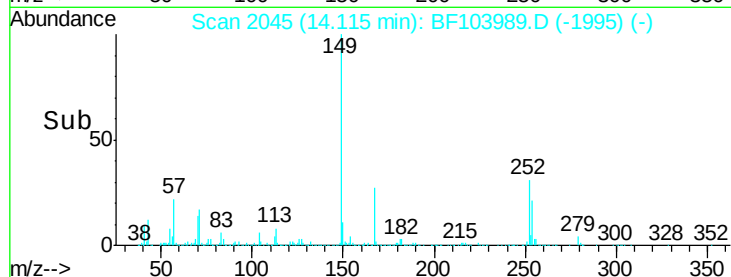
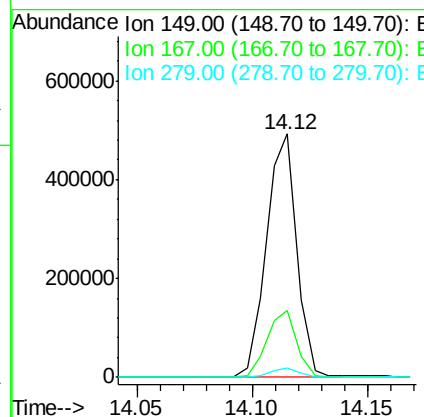
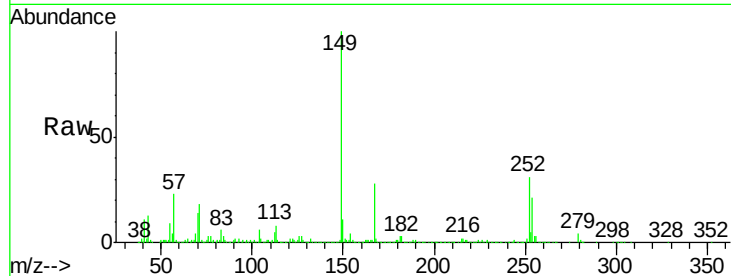
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.921 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	4.0	3.0	4.4

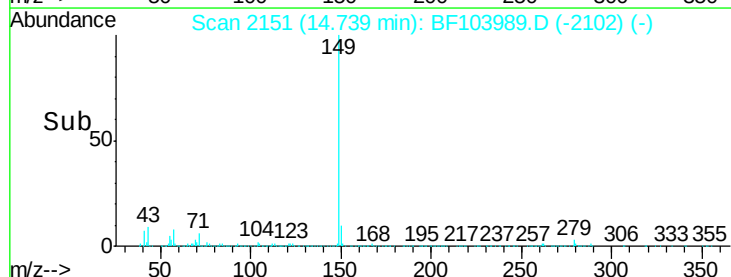
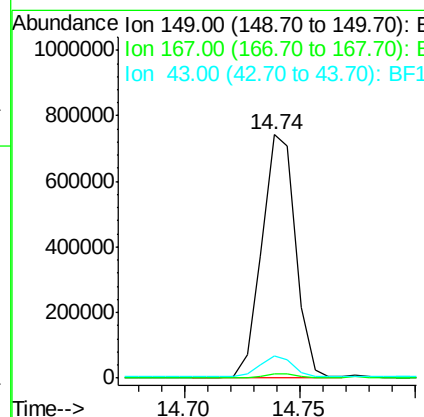
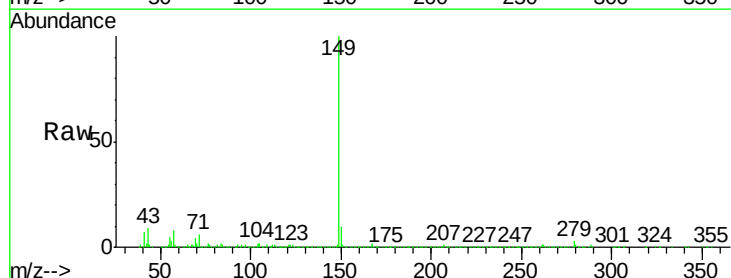
Manual Integrations
 APPROVED

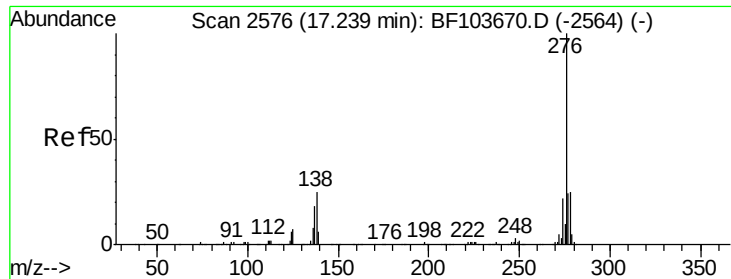
Sohil
 3/28/2018 4:54:45 PM



#84
 Di-n-octyl phthalate
 Concen: 45.047 ng
 RT: 14.74 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#





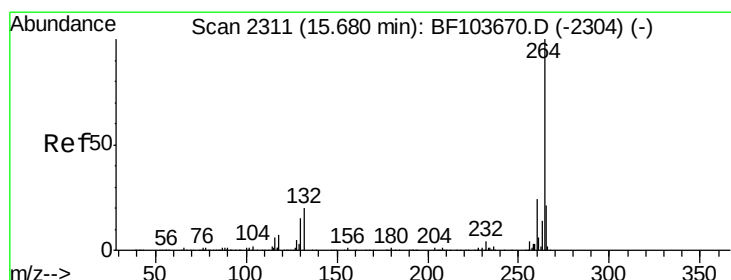
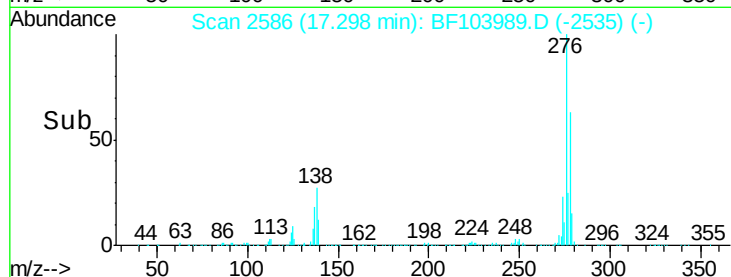
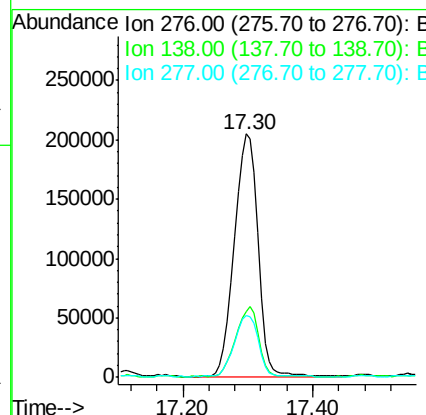
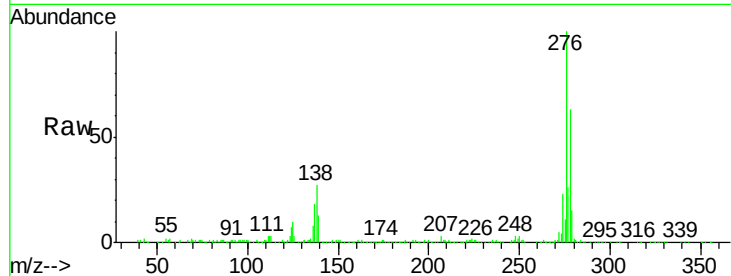
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.591 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	25.4	20.1	30.1

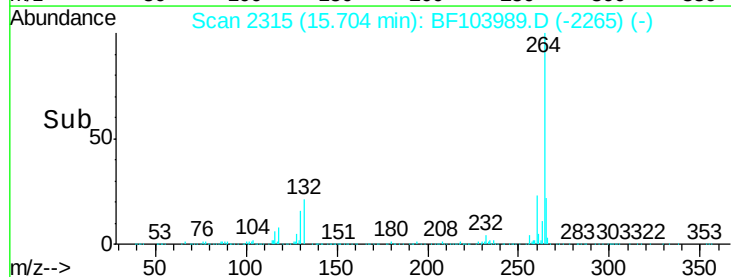
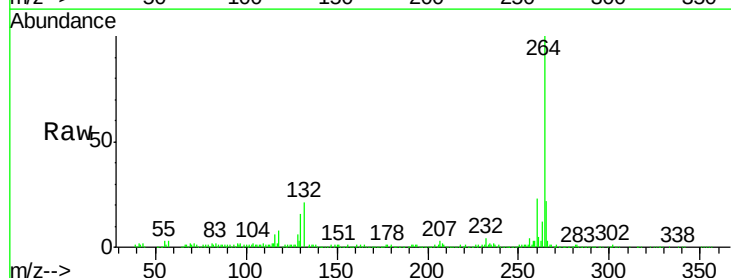
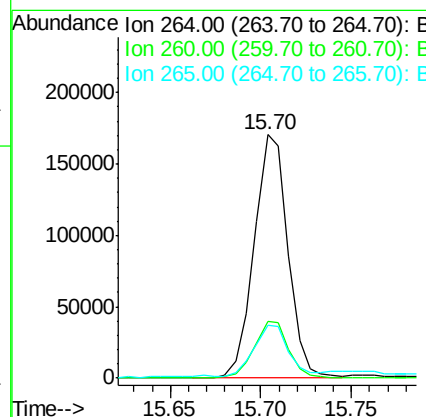
Manual Integrations
 APPROVED

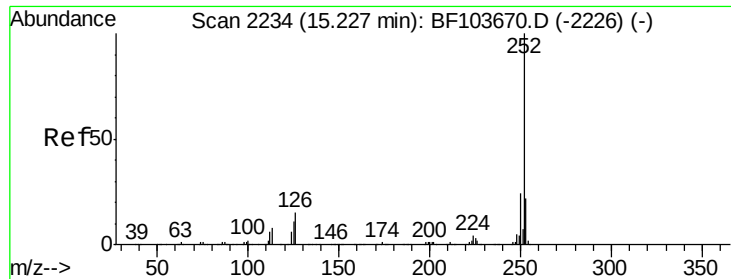
Sohil
 3/28/2018 4:54:45 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103989.D
 Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	17.5	26.3





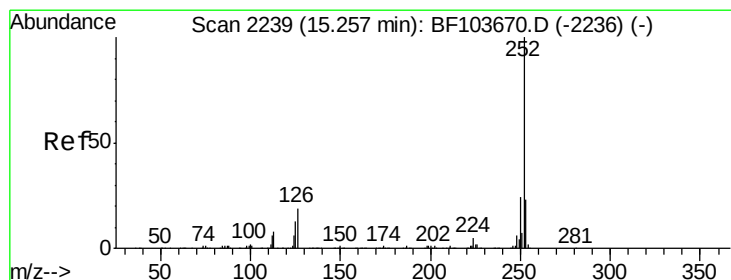
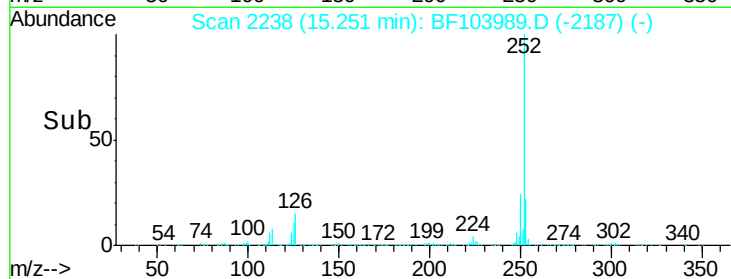
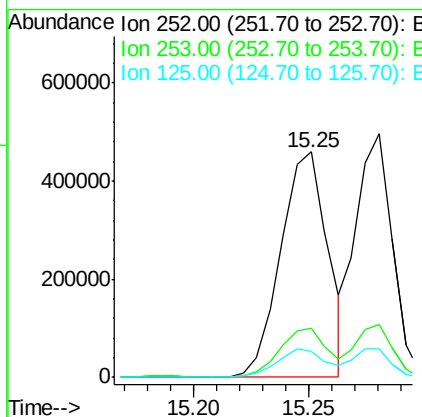
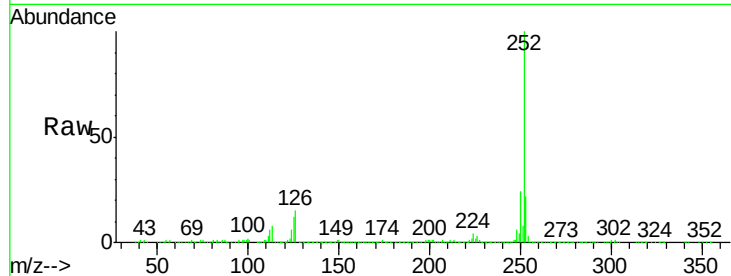
#87
Benzo(b)fluoranthene
Concen: 46.455 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.8	9.0	13.6

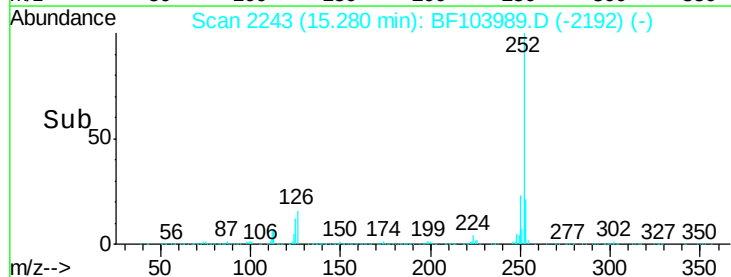
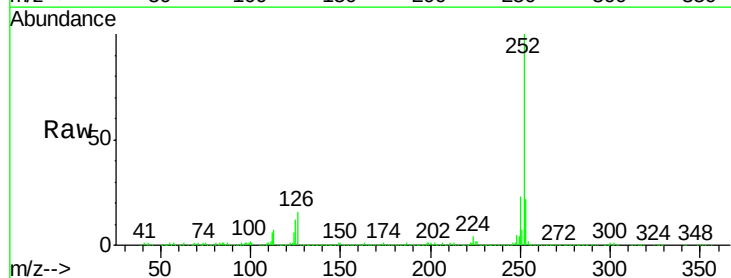
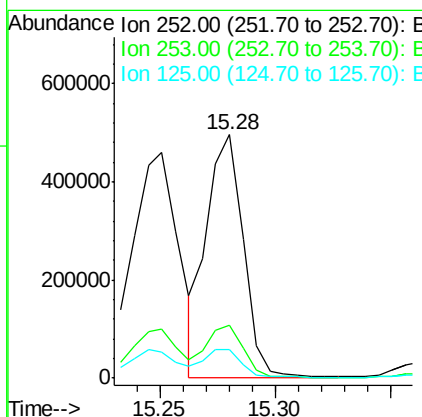
Manual Integrations
APPROVED

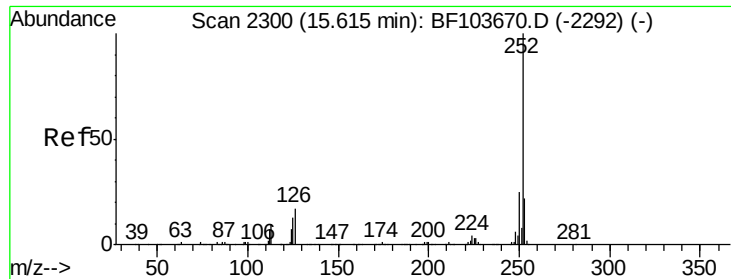
Sohil
3/28/2018 4:54:45 PM



#88
Benzo(k)fluoranthene
Concen: 40.964 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.0	10.2	15.2





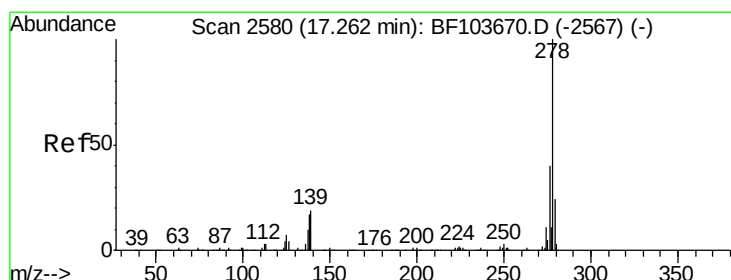
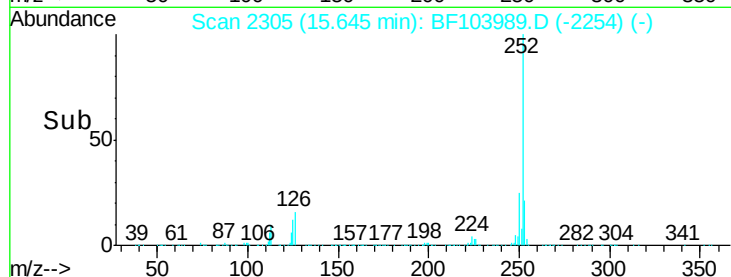
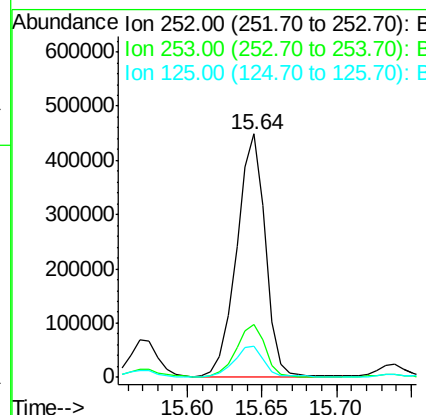
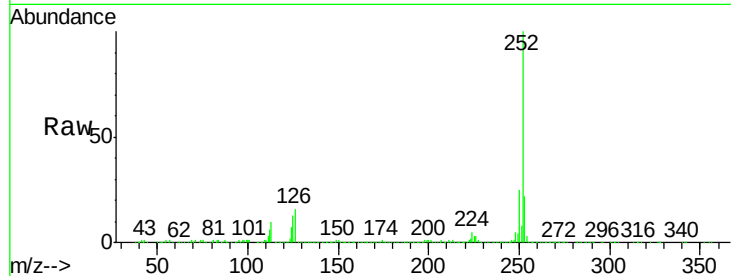
#89
Benzo(a)pyrene
Concen: 47.422 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.8	9.8	14.6

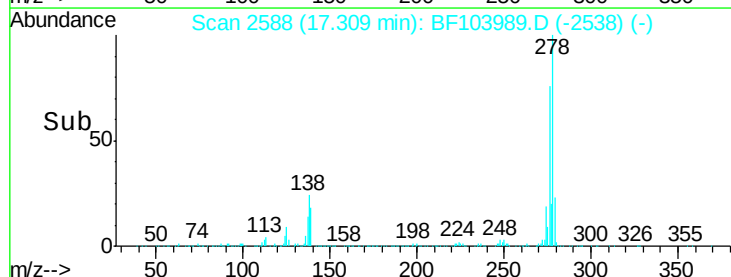
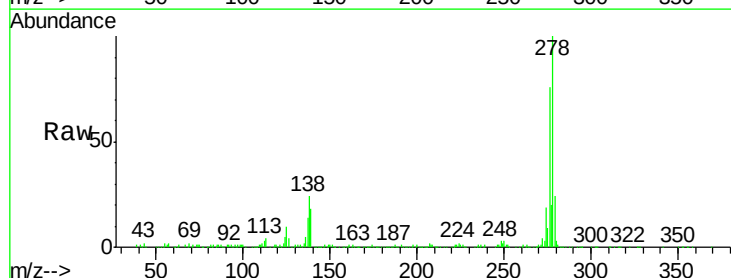
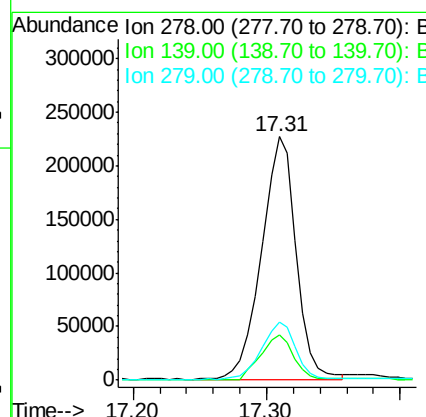
Manual Integrations
APPROVED

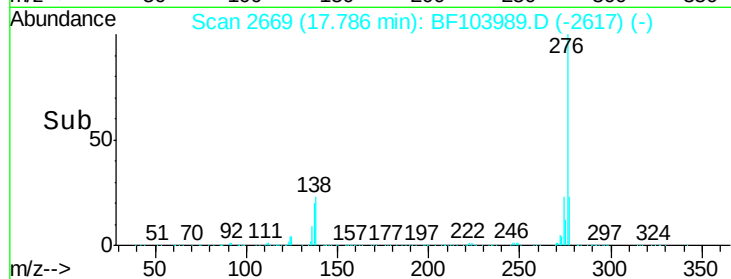
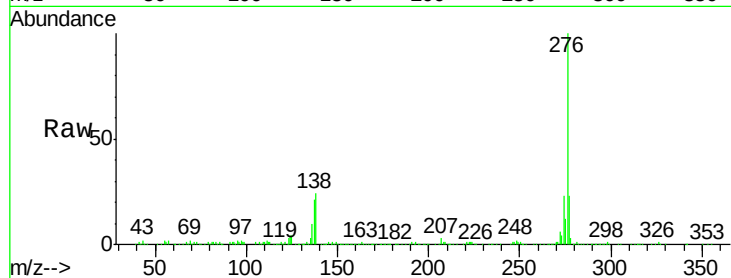
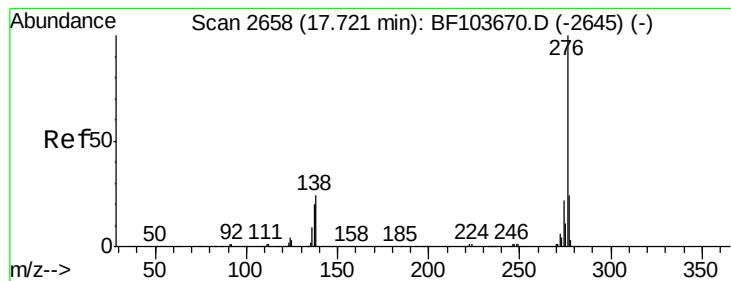
Sohil
3/28/2018 4:54:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.932 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF103989.D
Acq: 27 Mar 2018 23:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.9	23.9
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 40.049 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.01 min

Lab File: BF103989.D

Acq: 27 Mar 2018 23:51

Instrument :

BNA_F

ClientSampleId :

SB-107(4-5)MS

Tot Ion:	276	Resp:	425451
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	24.0	21.8	32.8

Manual Integrations
APPROVED

Sohil
3/28/2018 4:54:45 PM

