

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103685.D
 Acq On : 16 Mar 2018 10:10
 Operator : JU/SJ
 Sample : PB107358BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:00:33 PM

Quant Time: Mar 16 14:11:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162662	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	673489	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	316132	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	574851	20.00	ng	0.00
75) Chrysene-d12	14.15	240	458594	20.00	ng	0.00
86) Perylene-d12	15.67	264	361999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1136711	106.29	ng	0.01
7) Phenol-d6	6.59	99	1393757	106.52	ng	0.00
23) Nitrobenzene-d5	7.53	82	843251	87.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	324641	119.44	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1461260	73.73	ng	0.00
78) Terphenyl-d14	13.09	244	1459587	73.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	155153	29.463	ng	93
3) Pyridine	3.66	79	433976	29.962	ng	90
4) n-Nitrosodimethylamine	3.62	42	188440	35.285	ng	92
6) Aniline	6.63	93	241600	12.932	ng	99
8) 2-Chlorophenol	6.75	128	384252	34.299	ng	97
9) Benzaldehyde	6.52	77	155945	18.142	ng	98
10) Phenol	6.60	94	468361	33.688	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	370865	32.313	ng	97
12) 1,3-Dichlorobenzene	6.91	146	392240	30.741	ng	99
13) 1,4-Dichlorobenzene	6.99	146	398389	31.071	ng	98
14) 1,2-Dichlorobenzene	7.14	146	371142	31.194	ng	99
15) Benzyl Alcohol	7.10	79	339279	33.468	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	519614	31.831	ng	96
17) 2-Methylphenol	7.20	107	323749	32.451	ng	98
18) Hexachloroethane	7.48	117	149988	33.256	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	263380	31.411	ng	95
20) 3+4-Methylphenols	7.36	107	410118	32.392	ng	100
22) Acetophenone	7.37	105	528457	30.531	ng	# 94
24) Nitrobenzene	7.55	77	408755	36.051	ng	98
25) Isophorone	7.78	82	747535	33.436	ng	97
26) 2-Nitrophenol	7.86	139	184267	43.756	ng	99
27) 2,4-Dimethylphenol	7.89	122	359570	37.542	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	474328	35.037	ng	99
29) 2,4-Dichlorophenol	8.10	162	310500	35.634	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	314628	31.131	ng	99
31) Naphthalene	8.27	128	1093045	32.128	ng	100
32) Benzoic acid	7.95	122	16768m	11.874	ng	
33) 4-Chloroaniline	8.32	127	139806	9.795	ng	98
34) Hexachlorobutadiene	8.39	225	169686	30.623	ng	99
35) Caprolactam	8.68	113	97949m	32.644	ng	
36) 4-Chloro-3-methylphenol	8.79	107	341486	35.549	ng	98
37) 2-Methylnaphthalene	8.96	142	720302	33.386	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	283686	31.455	ng	99
40) Hexachlorocyclopentadiene	9.12	237	352097	75.659	ng	98

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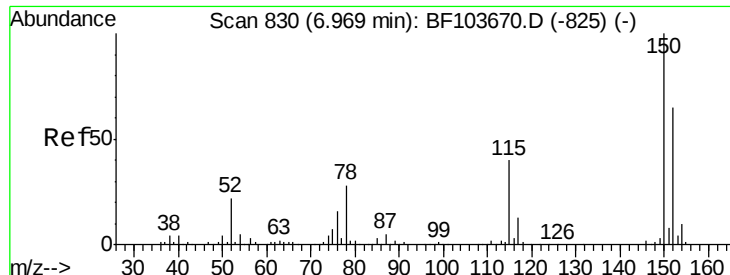
Manual Integrations
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Quant Time: Mar 16 14:11:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	211026	36.581	nq	99
43) 2,4,5-Trichlorophenol	9.27	196	223179	34.277	nq	96
45) 1,1'-Biphenyl	9.43	154	828415	31.426	nq	99
46) 2-Chloronaphthalene	9.45	162	656820	31.371	nq	99
47) 2-Nitroaniline	9.55	65	209082	39.568	nq	95
48) Acenaphthylene	9.87	152	1021516	31.463	nq	100
49) Dimethylphthalate	9.72	163	778599	32.281	nq	100
50) 2,6-Dinitrotoluene	9.79	165	170459	37.486	nq	97
51) Acenaphthene	10.04	154	603689	31.315	nq	99
52) 3-Nitroaniline	9.96	138	109187	21.789	nq	97
53) 2,4-Dinitrophenol	10.06	184	20821	29.711	nq	# 35
54) Dibenzofuran	10.22	168	917159	33.311	nq	99
55) 4-Nitrophenol	10.11	139	322873	73.545	nq	96
56) 2,4-Dinitrotoluene	10.19	165	229617	40.031	nq	94
57) Fluorene	10.56	166	700599	32.792	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	171591	37.192	nq	99
59) Diethylphthalate	10.43	149	777948	32.497	nq	99
60) 4-Chlorophenyl-phenylether	10.54	204	319036	32.674	nq	99
61) 4-Nitroaniline	10.57	138	190680	36.412	nq	98
62) Azobenzene	10.71	77	800221	32.879	nq	96
64) 4,6-Dinitro-2-methylphenol	10.59	198	35475	24.491	nq	98
65) n-Nitrosodiphenylamine	10.67	169	633209	32.361	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	195175	33.068	nq	95
67) Hexachlorobenzene	11.10	284	212166	31.495	nq	96
68) Atrazine	11.19	200	201339	33.263	nq	98
69) Pentachlorophenol	11.30	266	169253	43.702	nq	96
70) Phenanthrene	11.53	178	1022937	32.530	nq	99
71) Anthracene	11.57	178	1061184	33.226	nq	99
72) Carbazole	11.73	167	1007990	32.471	nq	99
73) Di-n-butylphthalate	12.06	149	1248430	33.517	nq	99
74) Fluoranthene	12.72	202	1082800	33.424	nq	100
76) Benzidine	12.83	184	478068	24.442	nq	99
77) Pyrene	12.95	202	1101582	32.708	nq	99
79) Butylbenzylphthalate	13.56	149	548005	36.726	nq	95
80) Benzo(a)anthracene	14.14	228	949291	32.702	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	86171	8.874	nq	97
82) Chrysene	14.18	228	891300	32.210	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	757459	35.534	nq	98
84) Di-n-octyl phthalate	14.74	149	1195888	38.562	nq	99
85) Indeno(1,2,3-cd)pyrene	17.24	276	695647	28.786	nq	98
87) Benzo(b)fluoranthene	15.22	252	807394	35.303	nq	98
88) Benzo(k)fluoranthene	15.26	252	733023	33.343	nq	99
89) Benzo(a)pyrene	15.61	252	694950	33.502	nq	# 96
90) Dibenzo(a,h)anthracene	17.26	278	581936	32.399	nq	98
91) Benzo(g,h,i)perylene	17.72	276	586888	33.586	nq	95

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



#1

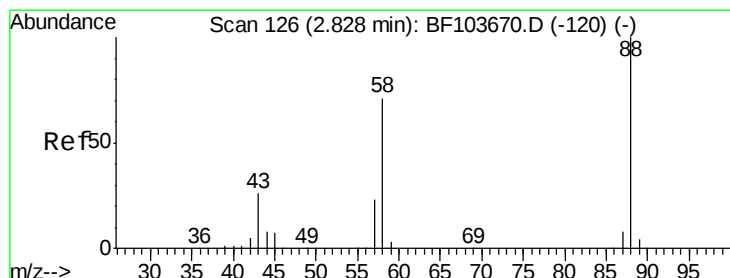
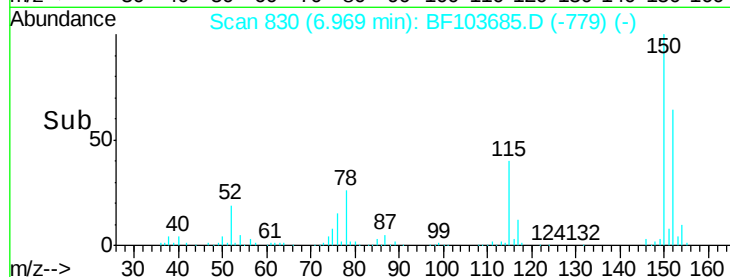
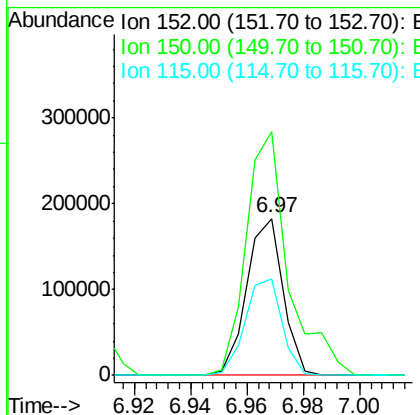
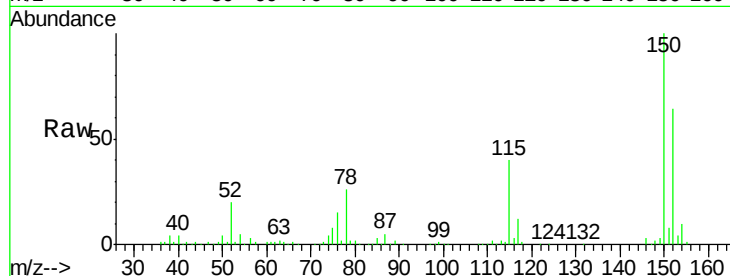
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	61.8	50.1	75.1

Manual Integrations
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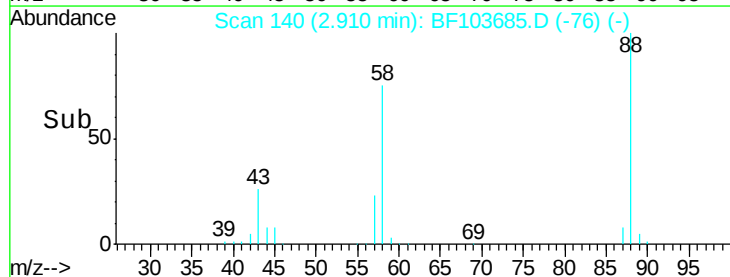
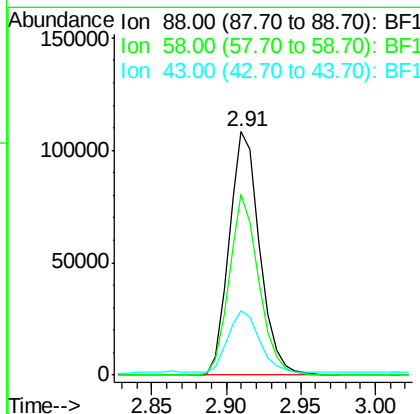
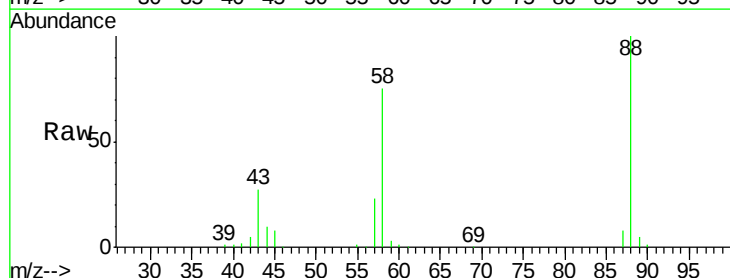
Sohil
3/19/2018 2:00:33 PM

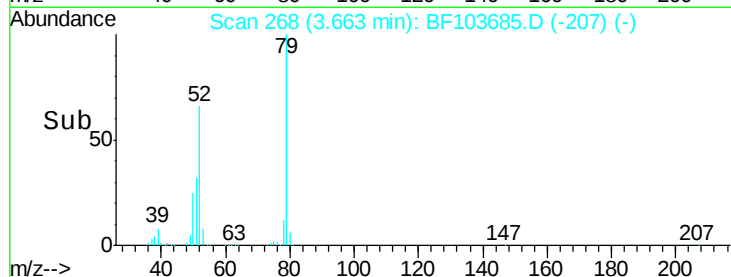
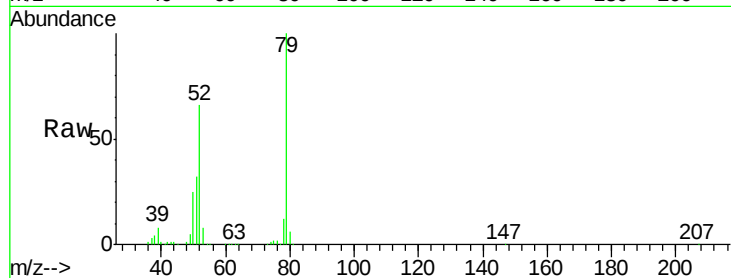
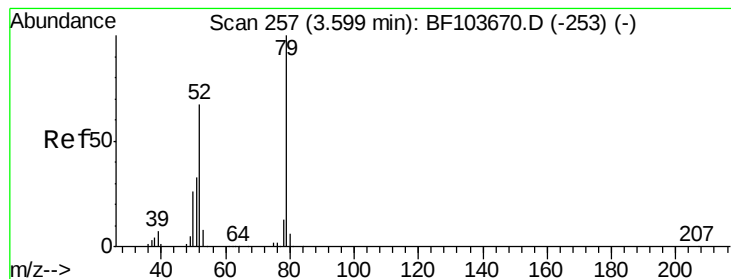


#2

1,4-Dioxane
Concen: 29.463 ng
RT: 2.91 min Scan# 140
Delta R.T. 0.08 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	62.6	93.8
43	26.6	24.6	37.0





#3

Pvridine

Concen: 29.962 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.06 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tot Ion:	79	Resp:	433976
Ion Ratio	Lower	Upper	
79	100		
52	65.7	59.8	89.6
51	32.0	29.8	44.8

Instrument :

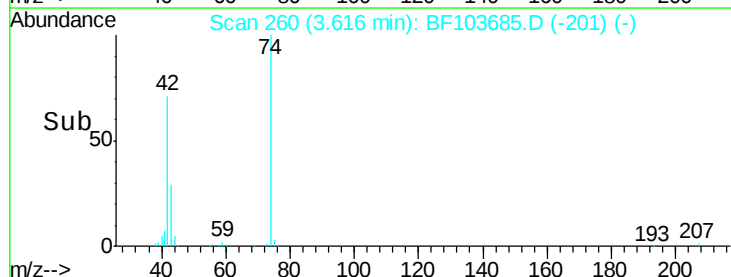
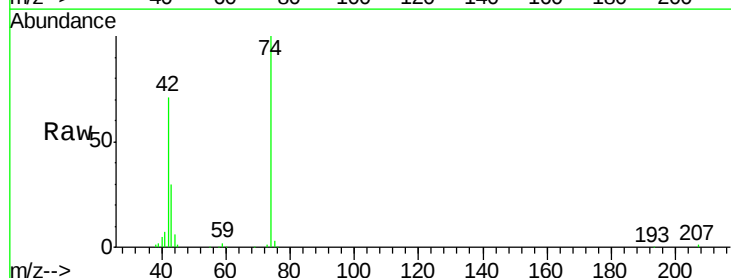
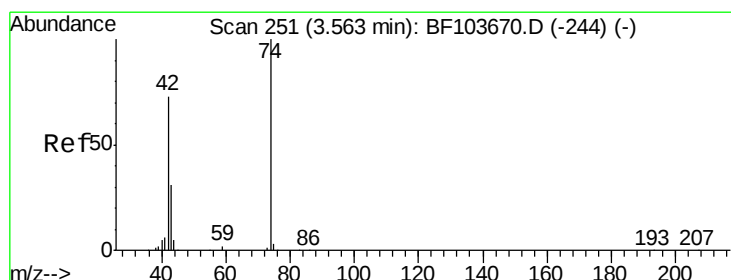
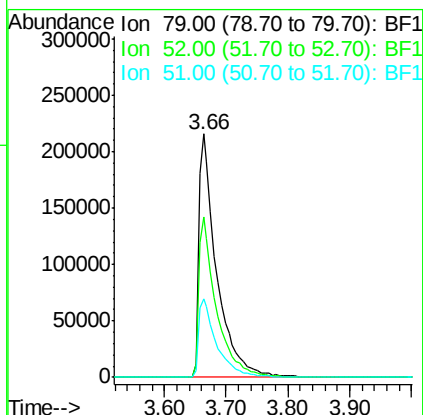
BNA_F

ClientSampleId :

PB107358BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.285 ng

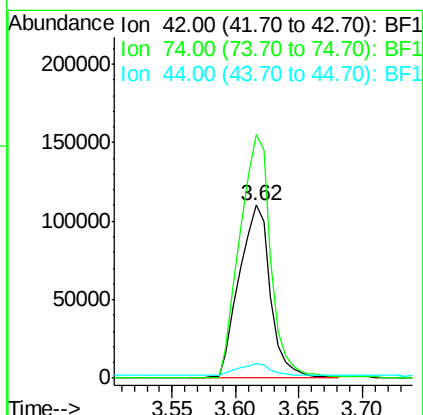
RT: 3.62 min Scan# 260

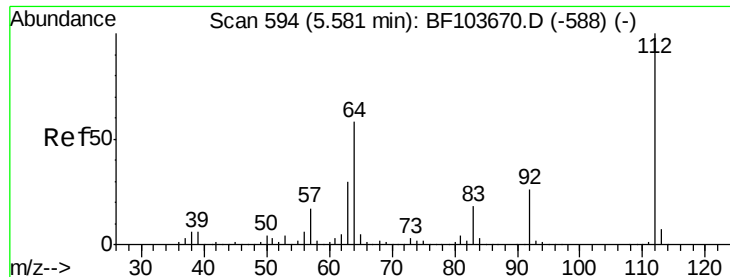
Delta R.T. 0.05 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	42	Resp:	188440
Ion Ratio	Lower	Upper	
42	100		
74	140.8	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 106.290 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

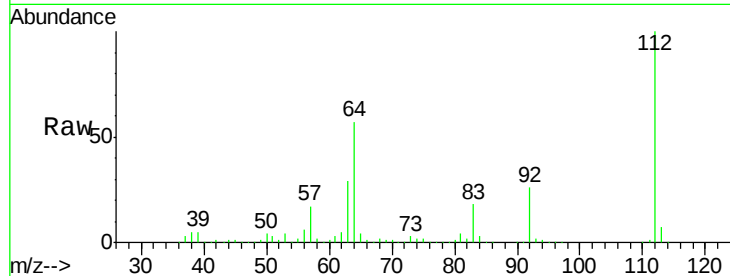
ClientSampleId :

PB107358BS

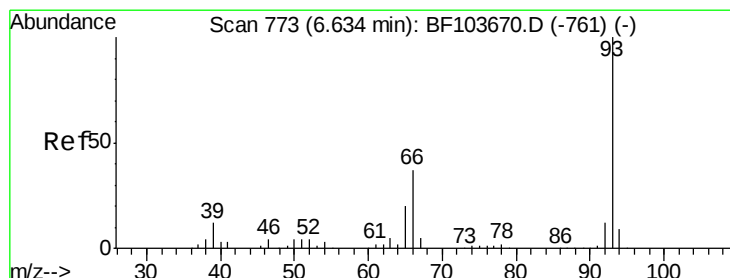
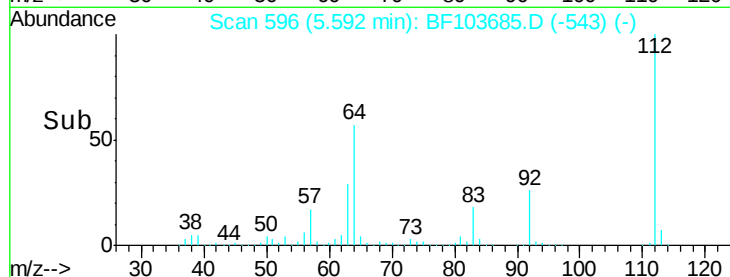
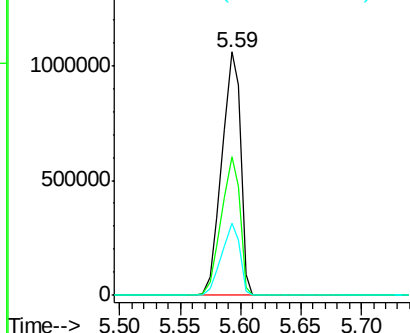
Tot Ion:	112	Resp:	1136711
Ion Ratio	Lower	Upper	
112	100		
64	57.1	47.9	71.9
63	29.5	23.7	35.5

Manual Integrations
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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: 12.932 ng

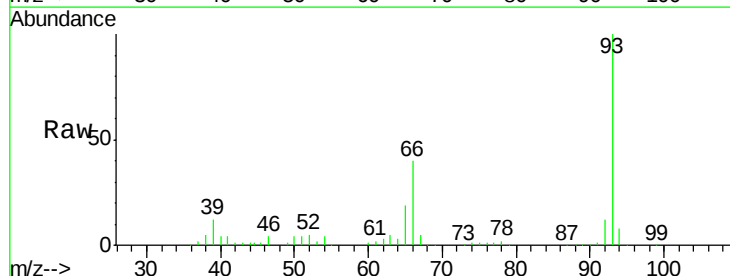
RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

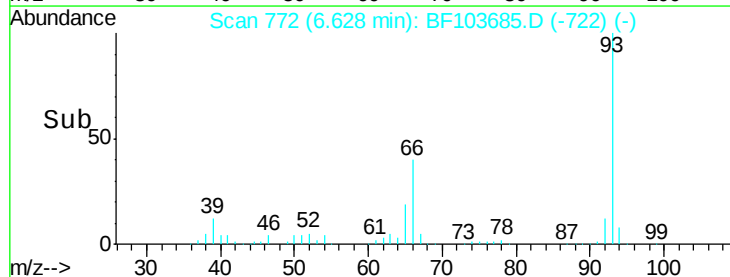
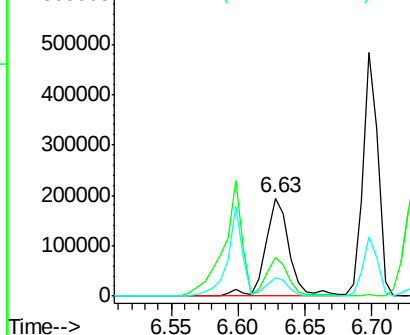
Lab File: BF103685.D

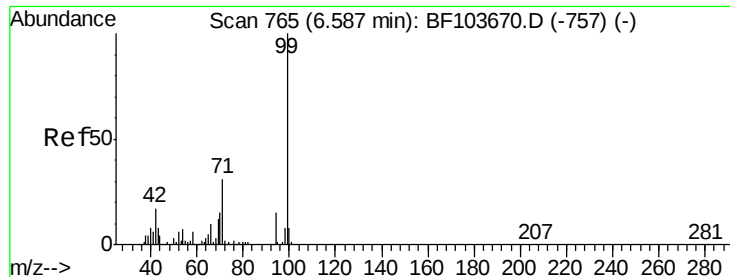
Acq: 16 Mar 2018 10:10

Tgt Ion:	93	Resp:	241600
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.2	48.2
65	19.3	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: 106.525 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

PB107358BS

Tot Ion: 99 Resp: 1393757

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

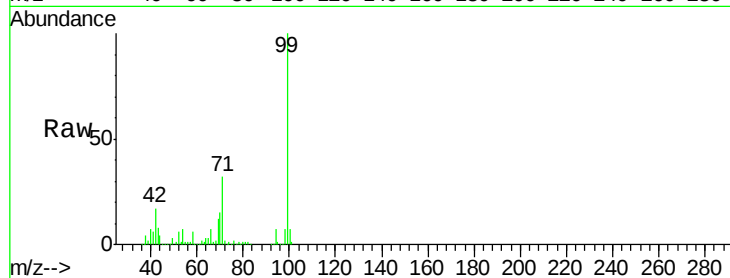
71 32.0 25.4 38.0

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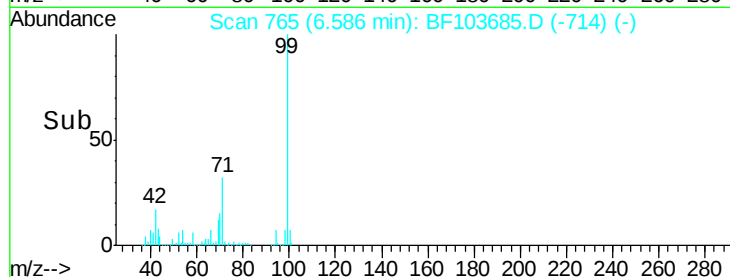
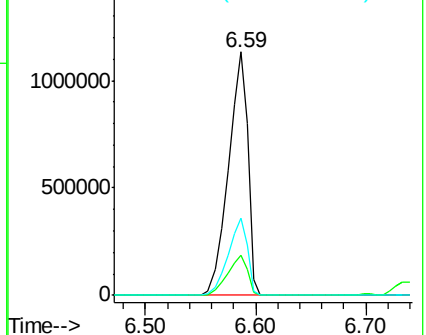
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.299 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

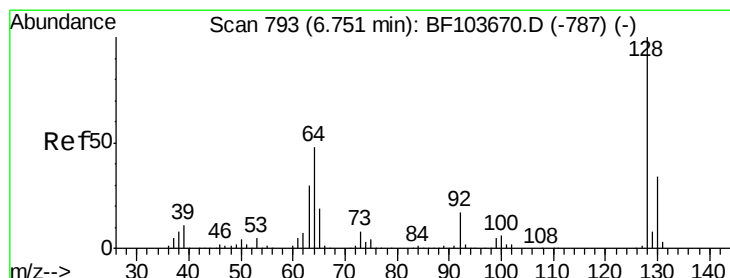
Tgt Ion: 128 Resp: 384252

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

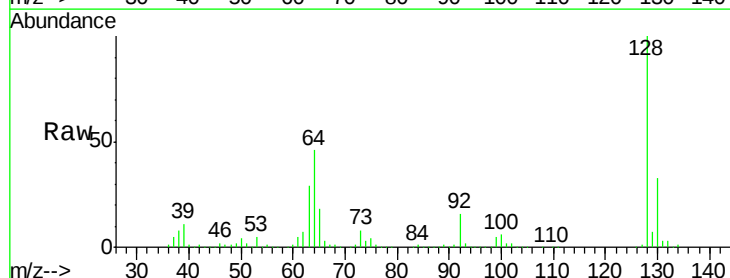
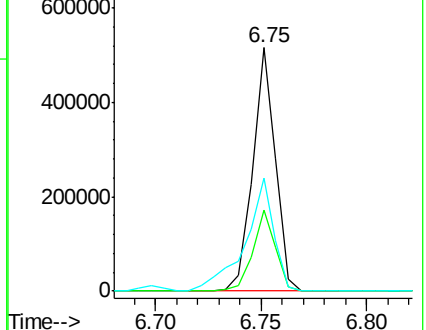
64 46.3 29.4 69.4

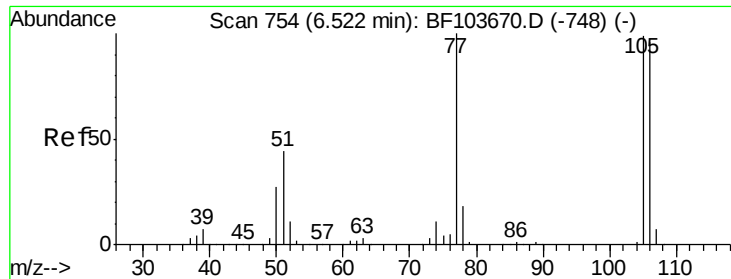


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.142 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

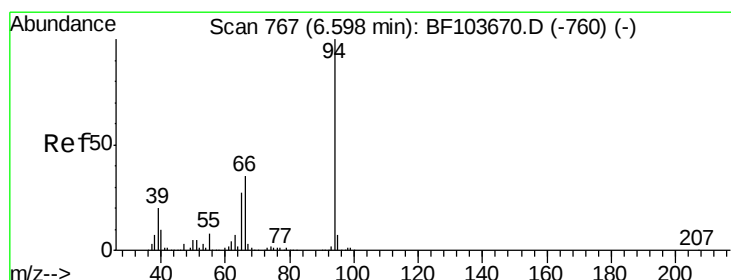
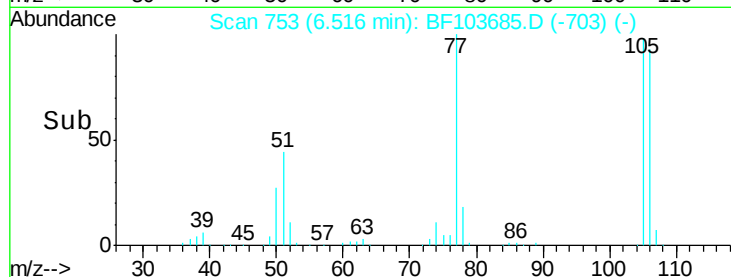
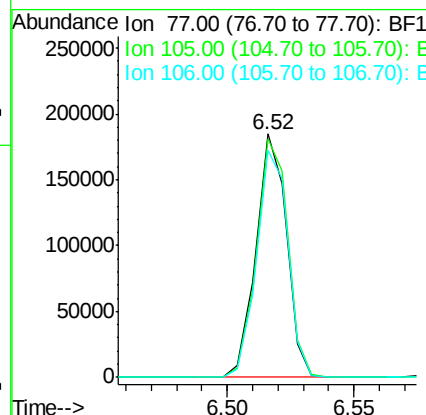
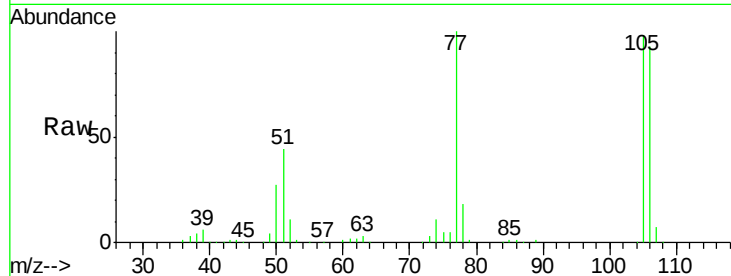
ClientSampleID :

PB107358BS

Tot Ion:	77	Resp:	155945
Ion Ratio	Lower	Upper	
77	100		
105	97.9	81.1	121.1
106	93.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 33.688 ng

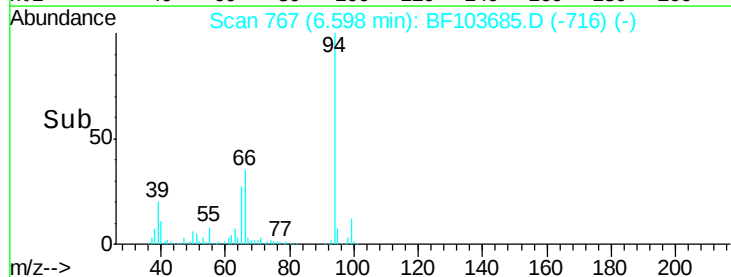
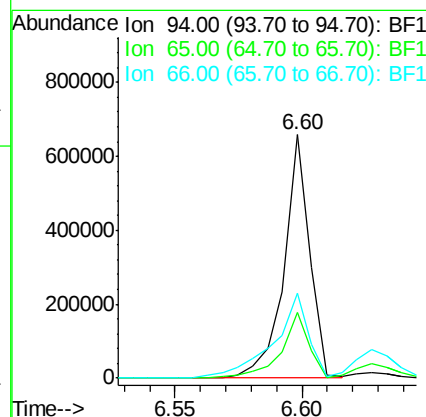
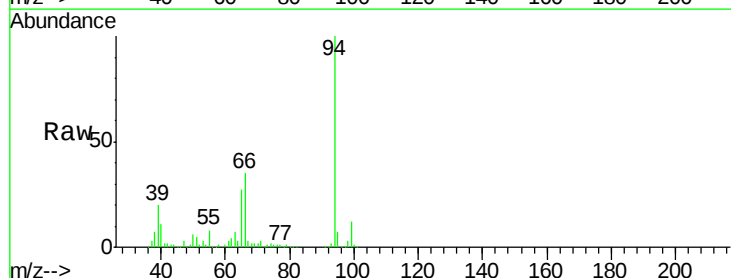
RT: 6.60 min Scan# 767

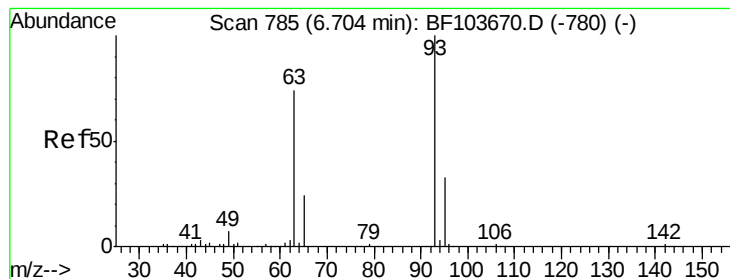
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	94	Resp:	468361
Ion Ratio	Lower	Upper	
94	100		
65	26.9	7.9	47.9
66	34.9	16.2	56.2





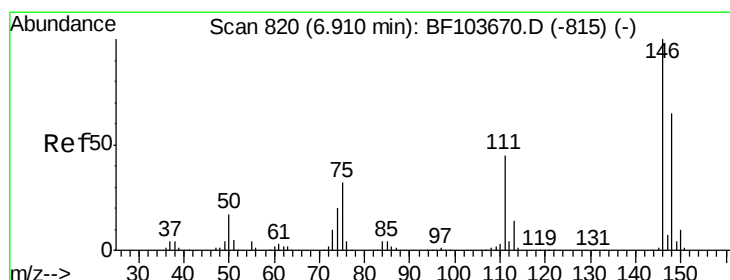
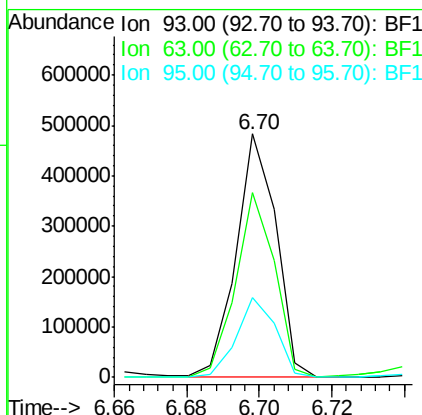
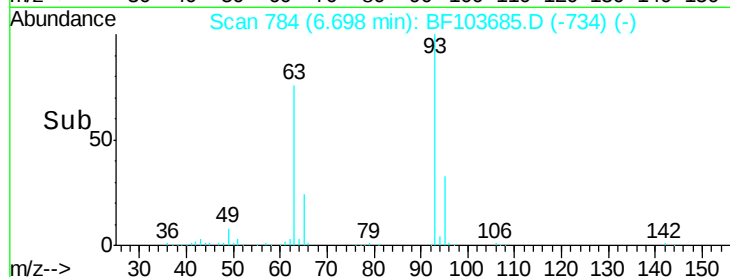
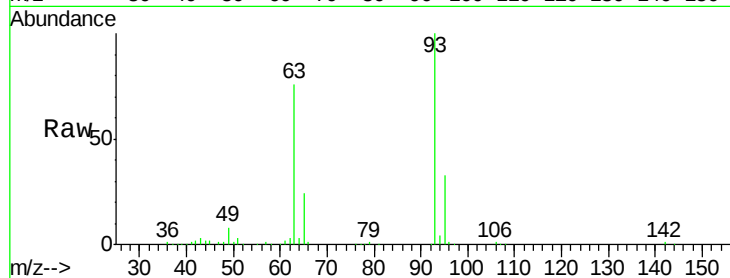
#11
bis(2-Chloroethyl)ether
Concen: 32.313 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.0	58.6	98.6
95	32.6	11.8	51.8

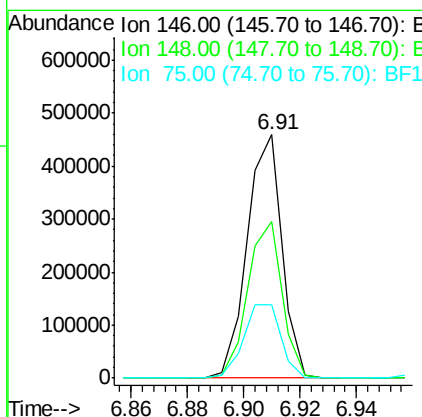
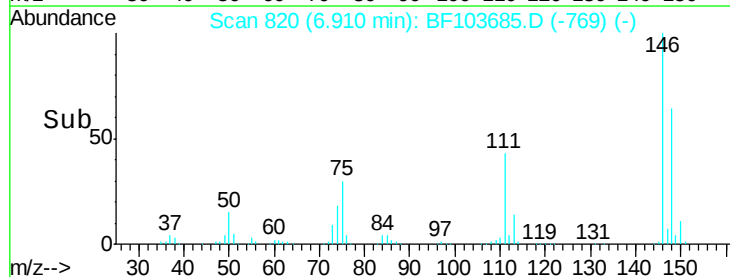
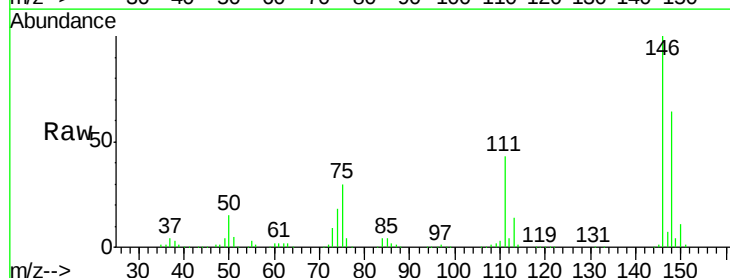
Manual Integrations
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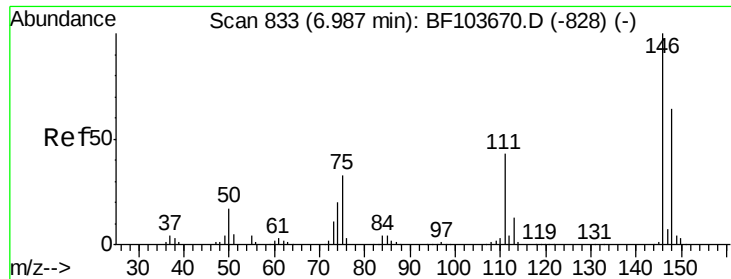
Sohil
3/19/2018 2:00:33 PM



#12
1,3-Dichlorobenzene
Concen: 30.741 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	30.1	24.2	36.4





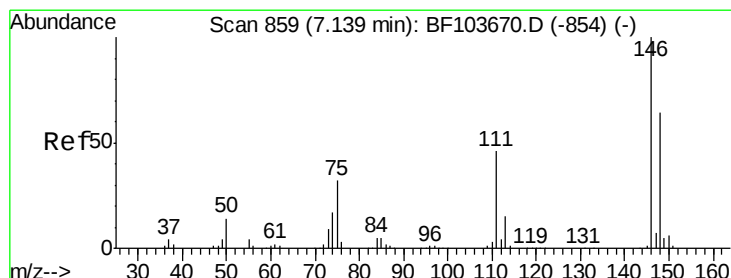
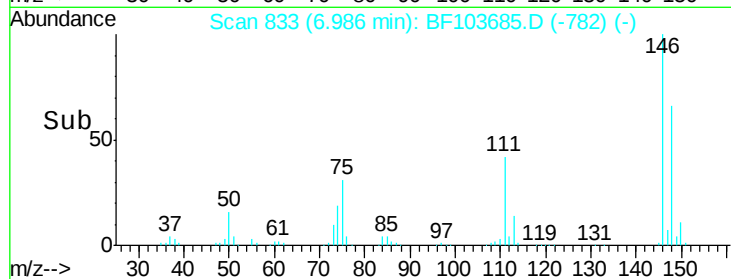
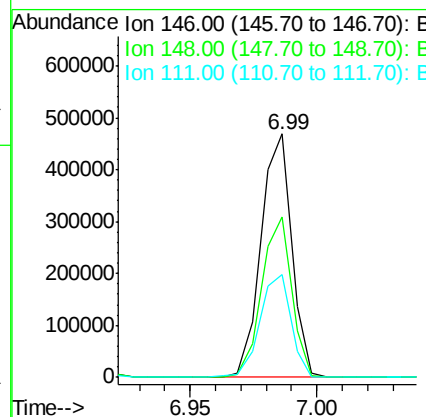
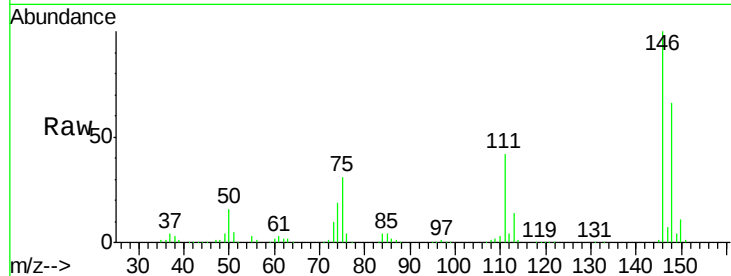
#13
1,4-Dichlorobenzene
Concen: 31.071 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.8	76.2
111	42.3	34.2	51.2

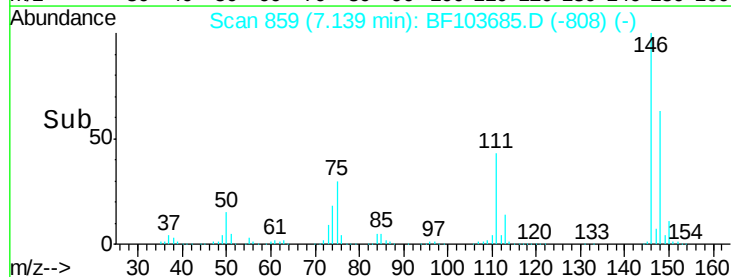
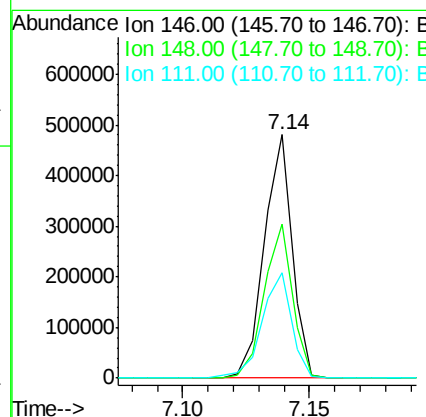
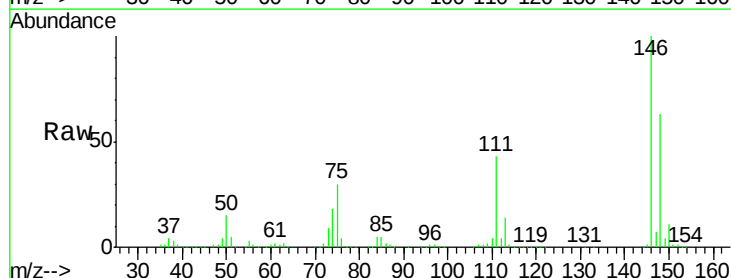
Manual Integrations
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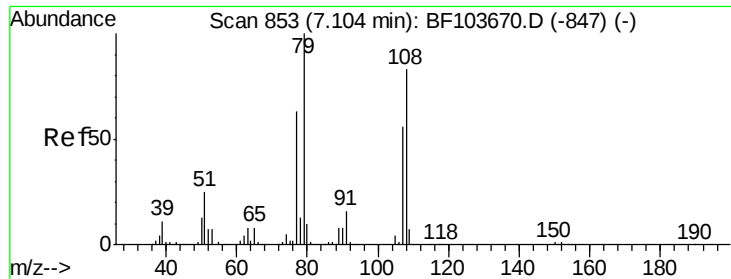
Sohil
3/19/2018 2:00:33 PM



#14
1,2-Dichlorobenzene
Concen: 31.194 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	43.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 33.468 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

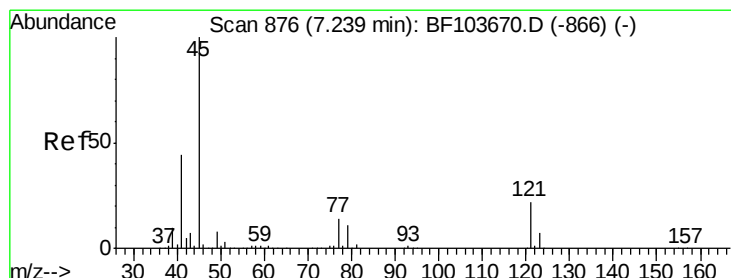
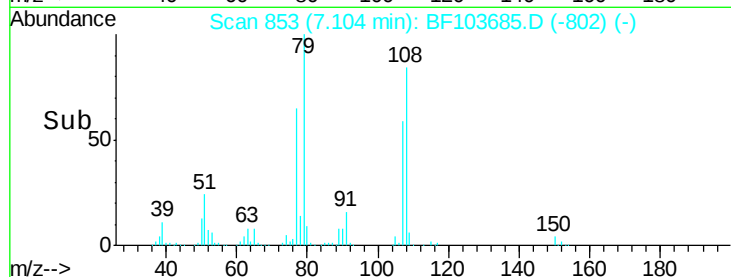
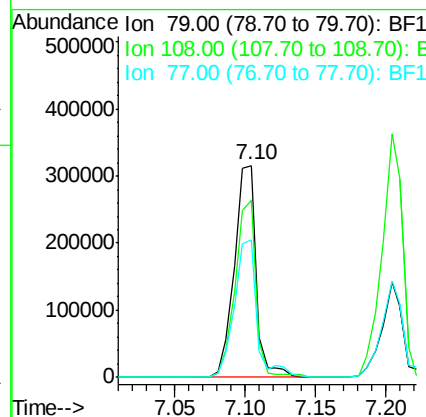
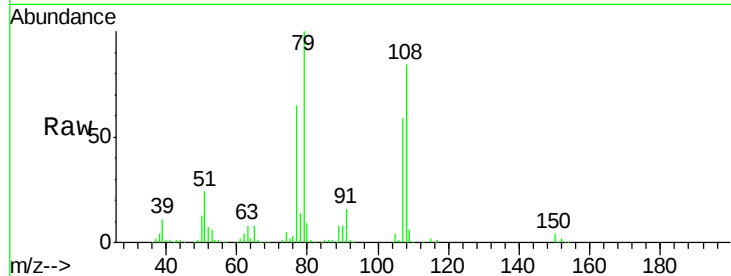
ClientSampleId :

PB107358BS

Tot Ion:	79	Resp:	339279
Ion Ratio	Lower	Upper	
79	100		
108	83.7	65.1	97.7
77	64.9	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.831 ng

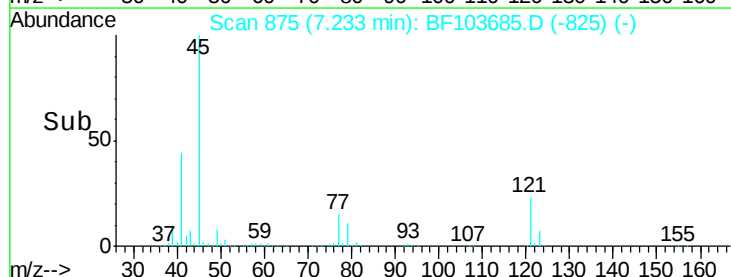
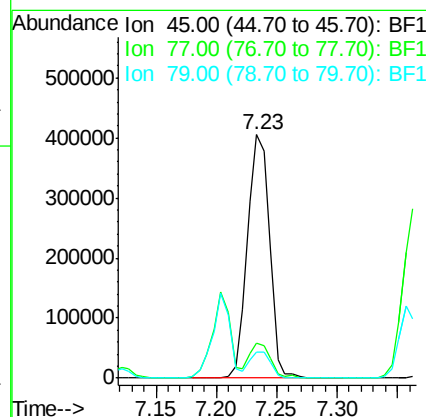
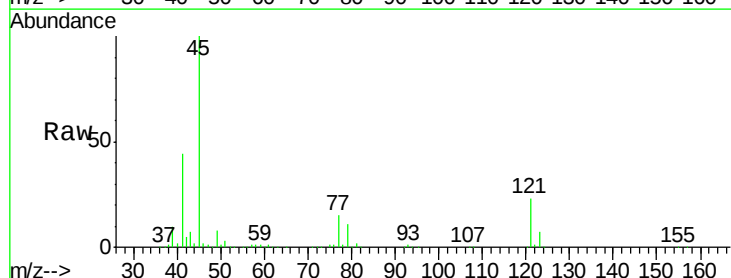
RT: 7.23 min Scan# 875

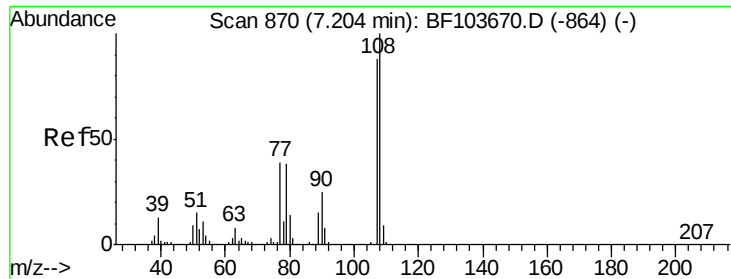
Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	45	Resp:	519614
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	32.9
79	10.8	0.0	29.6





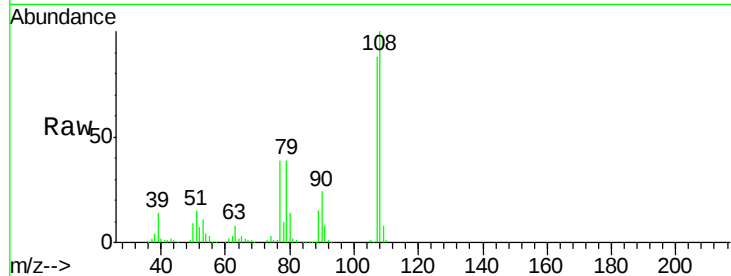
#17
2-Methylphenol
Concen: 32.451 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

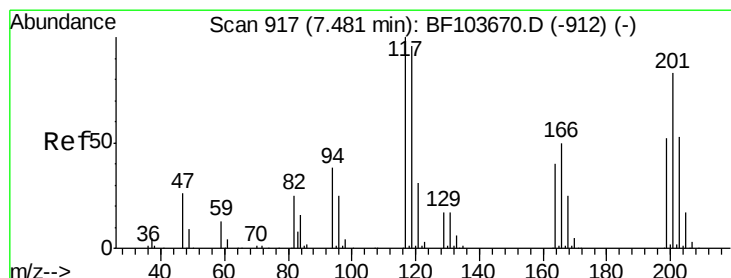
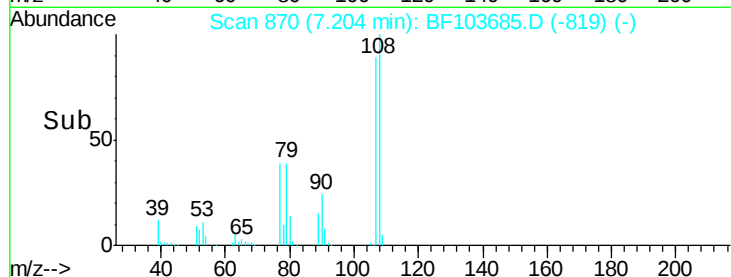
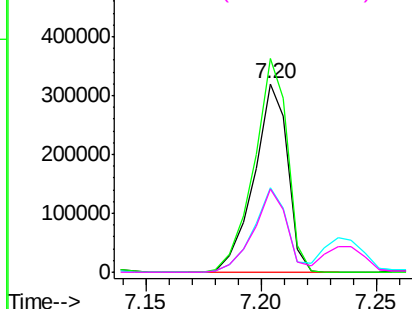
Tot Ion	107	Resp	323749
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.7	137.5
77	44.6	33.8	50.8
79	44.0	33.8	50.8

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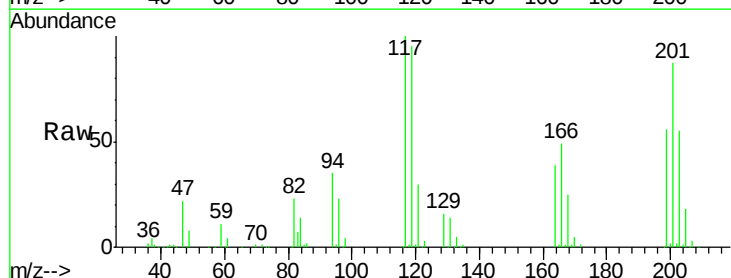


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

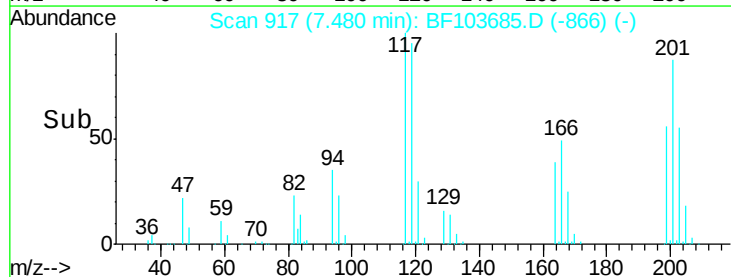
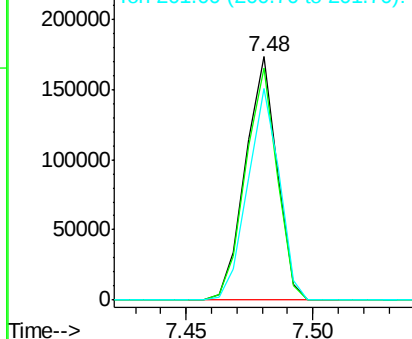


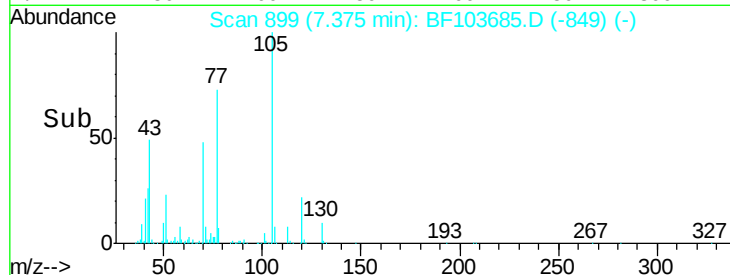
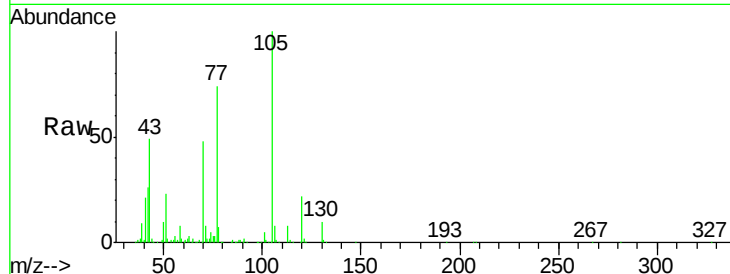
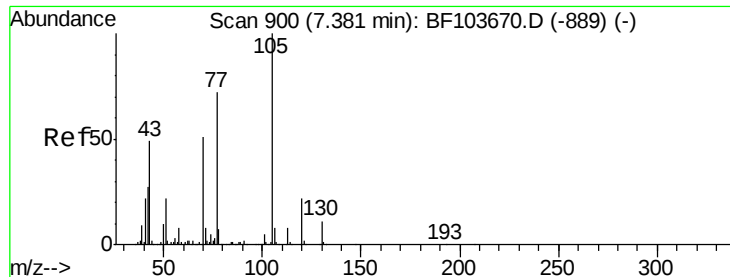
#18
Hexachloroethane
Concen: 33.256 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	117	Resp	149988
Ion Ratio	Lower	Upper	
117	100		
119	95.1	75.8	113.8
201	86.8	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





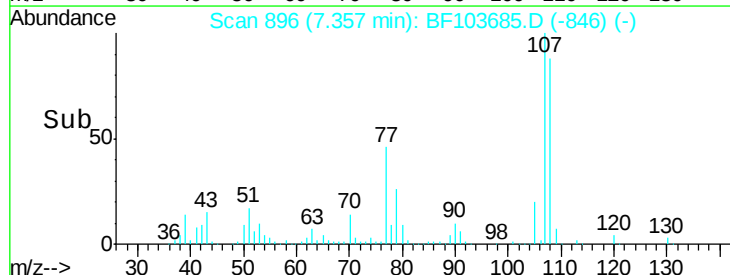
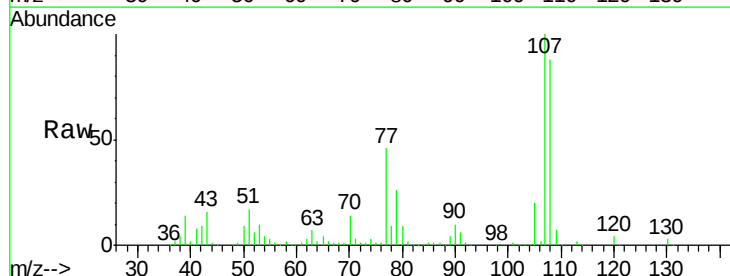
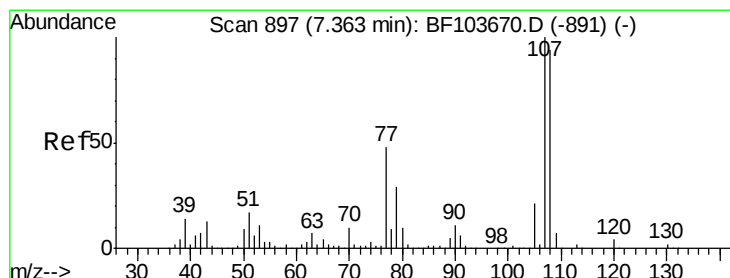
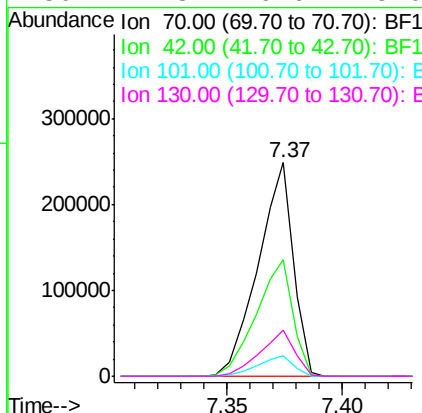
#19
n-Nitroso-di-n-propylamine
Concen: 31.411 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	47.5	71.3	
101	9.8	7.4	11.2	
130	21.3	16.6	25.0	

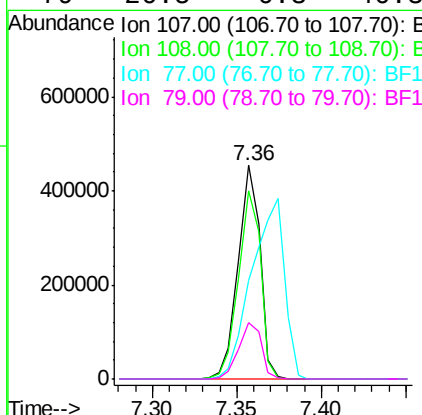
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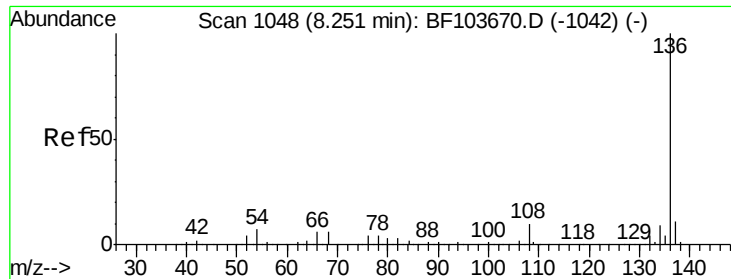
Sohil
3/19/2018 2:00:33 PM



#20
3+4-Methylphenols
Concen: 32.392 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	68.2	108.2	
77	46.0	26.7	66.7	
79	26.5	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

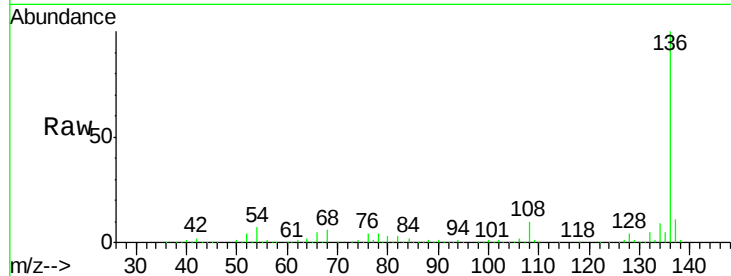
ClientSampled :

PB107358BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		673489		
137	11.0		8.9	13.3	
54	7.2		6.6	9.8	
68	5.9		5.0	7.4	

Manual Integrations
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3/19/2018 2:00:33 PM

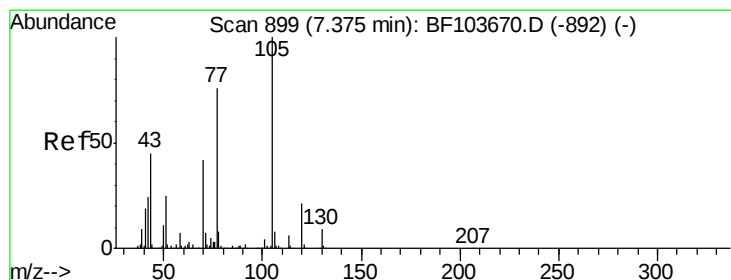
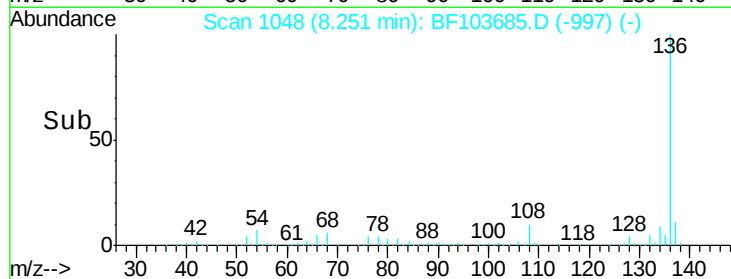
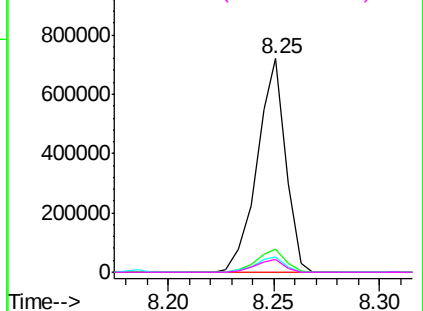


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 30.531 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

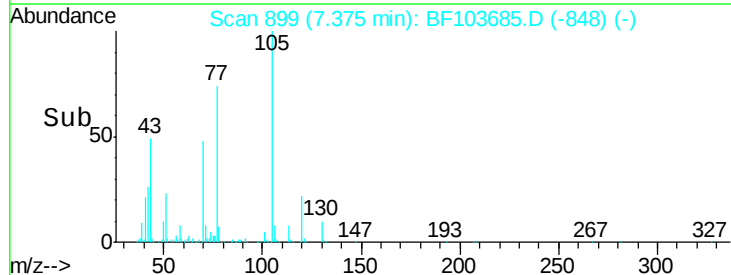
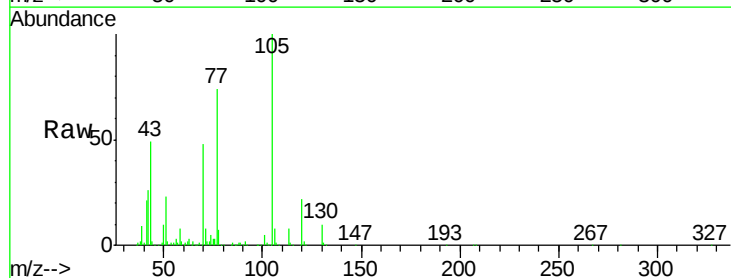
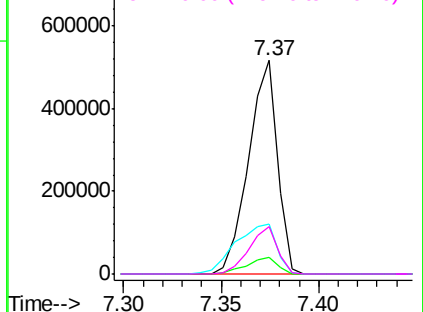
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		528457		
71	7.9		4.4	6.6#	
51	23.2		22.3	33.5	
120	22.2		16.9	25.3	

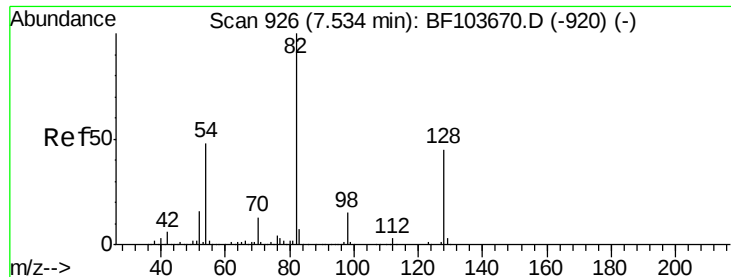
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





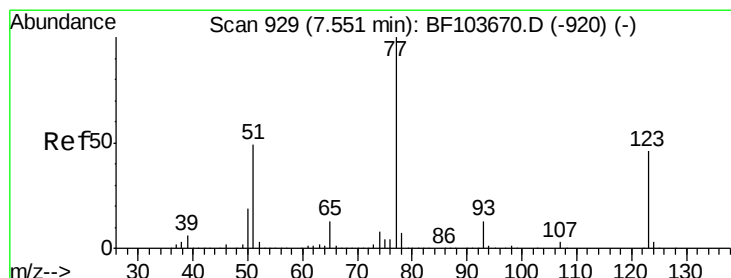
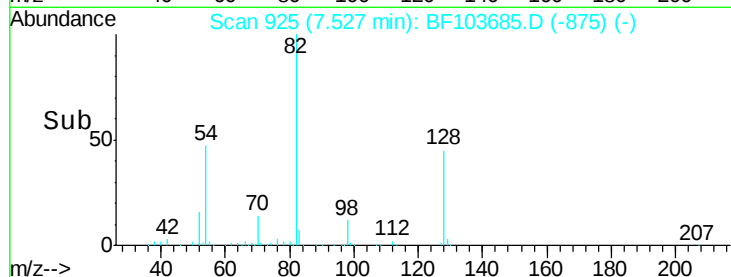
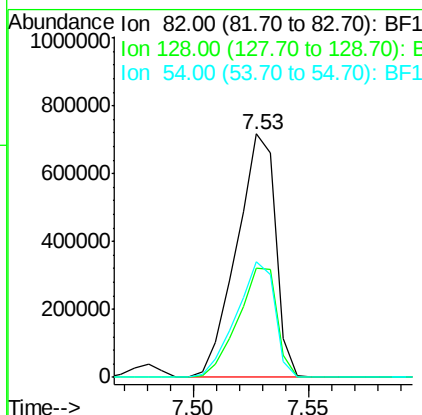
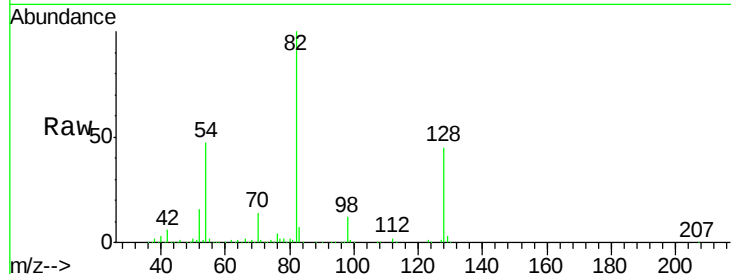
#23
 Nitrobenzene-d5
 Concen: 87.314 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	47.2	41.4	62.2

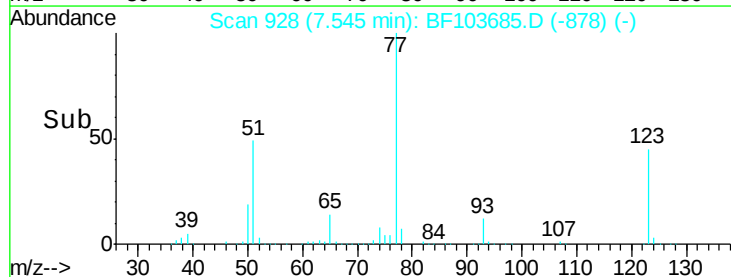
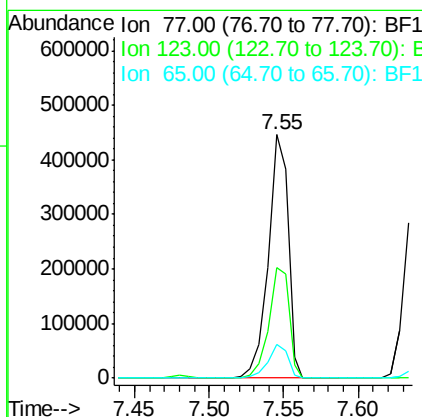
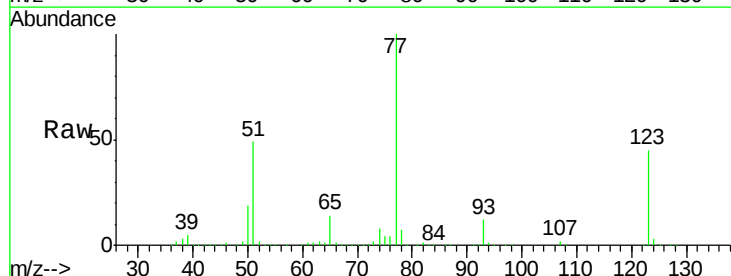
Manual Integrations
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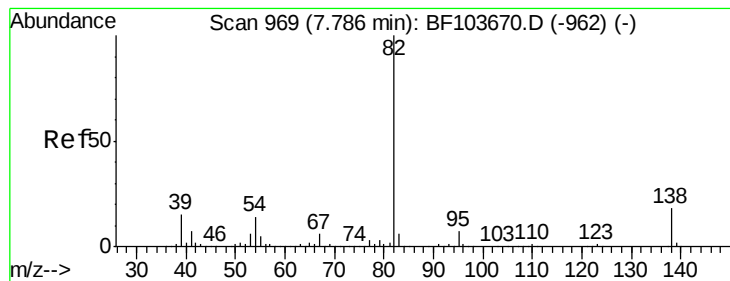
Sohil
 3/19/2018 2:00:33 PM



#24
 Nitrobenzene
 Concen: 36.051 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 33.436 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

PB107358BS

Tot Ion: 82 Resp: 747535

Ion Ratio Lower Upper

82 100

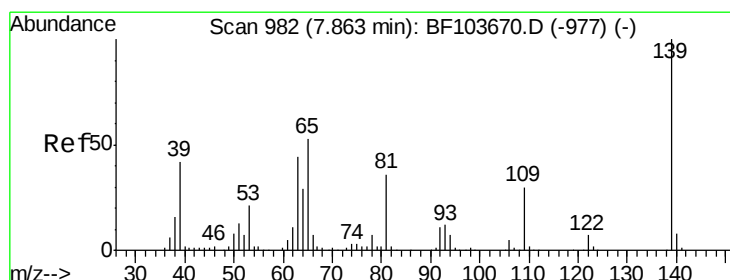
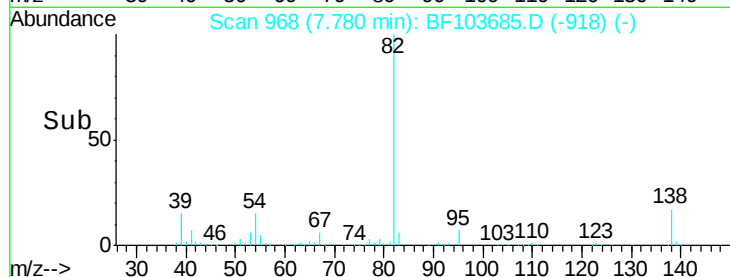
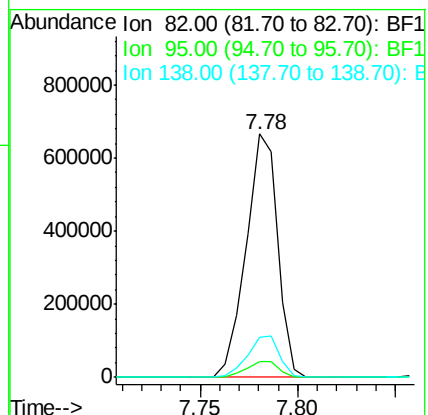
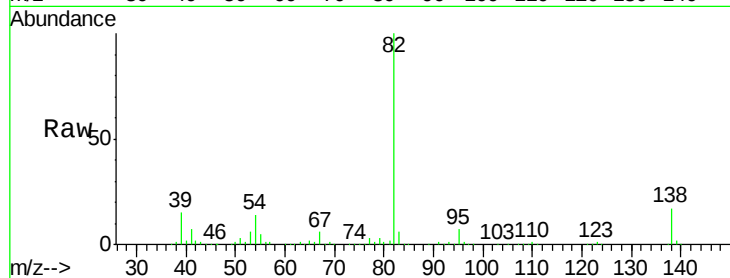
95 6.7 5.2 7.8

138 16.6 14.9 22.3

Manual Integrations
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3/19/2018 2:00:33 PM



#26

2-Nitrophenol

Concen: 43.756 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

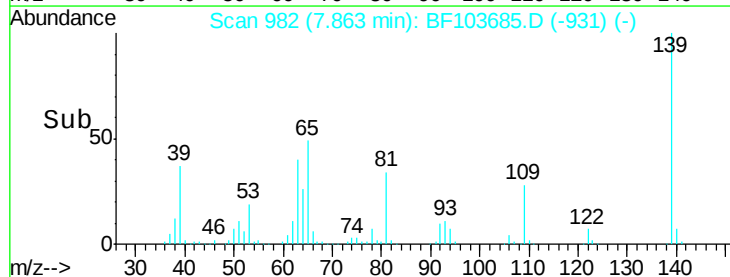
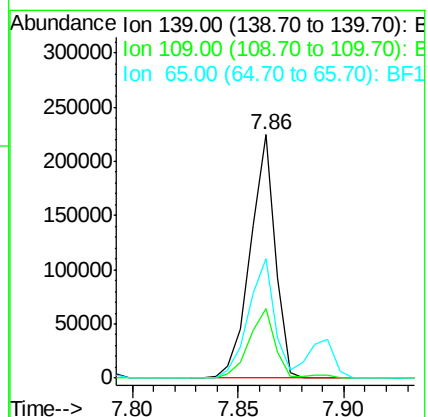
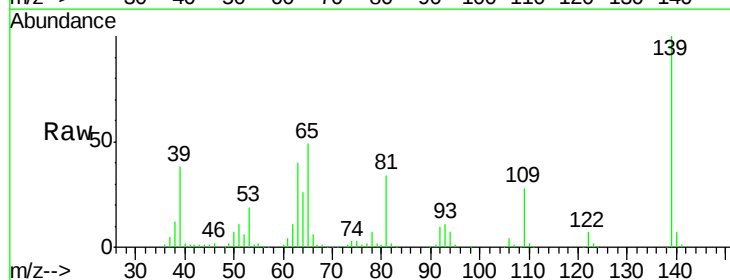
Tgt Ion: 139 Resp: 184267

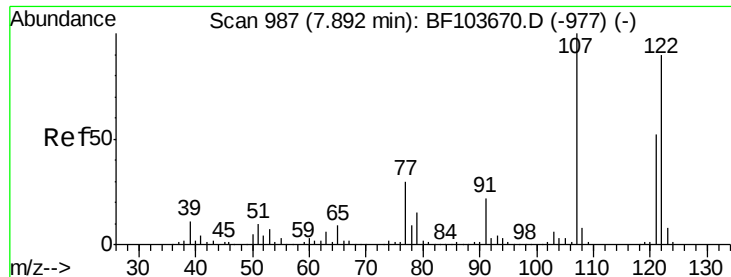
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 49.2 40.5 60.7





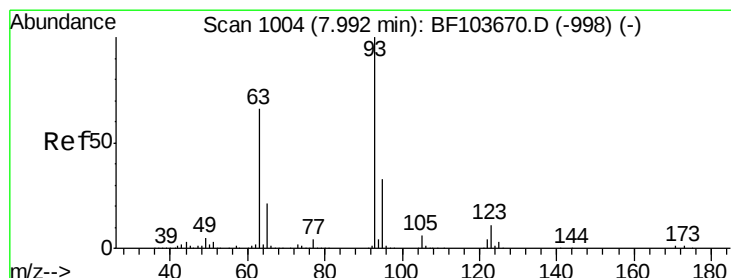
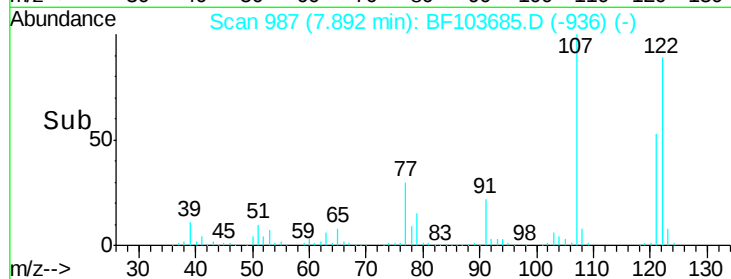
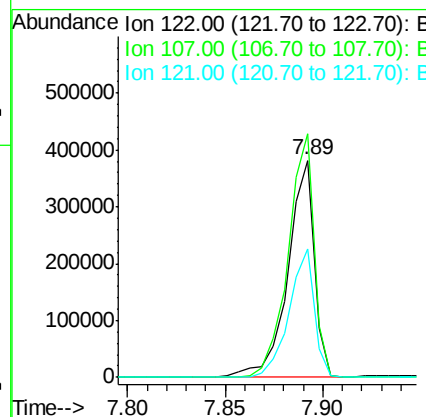
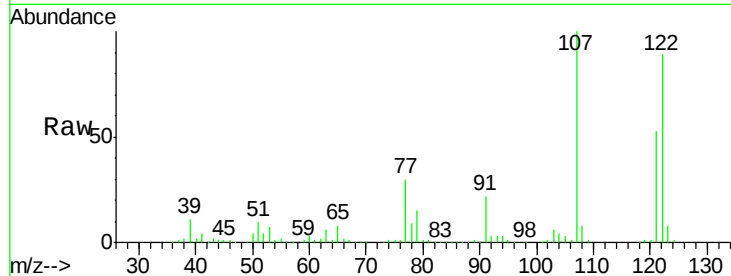
#27
2,4-Dimethylphenol
Concen: 37.542 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampled :
PB107358BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	91.2	136.8
121	59.2	47.2	70.8

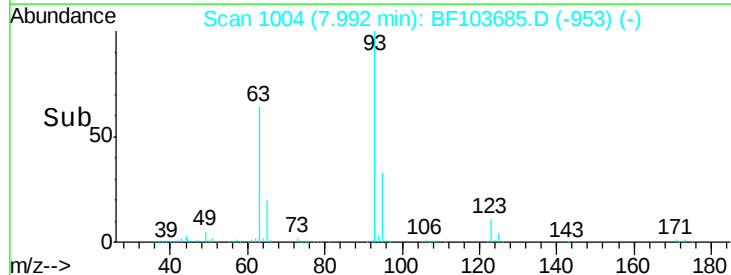
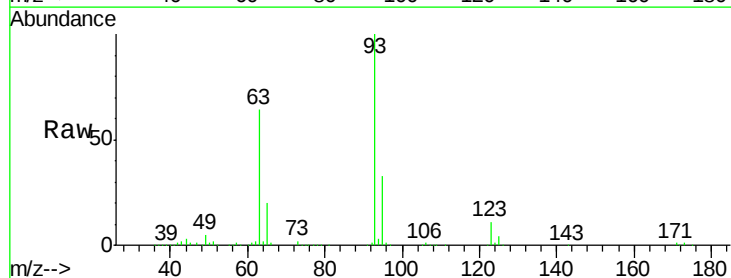
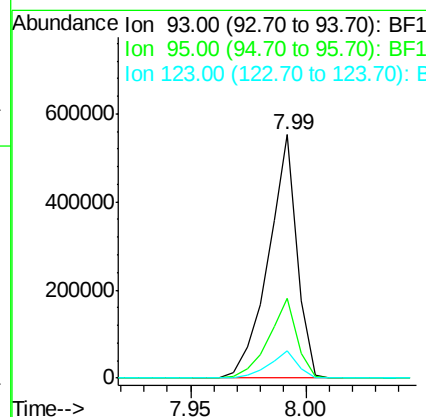
Manual Integrations
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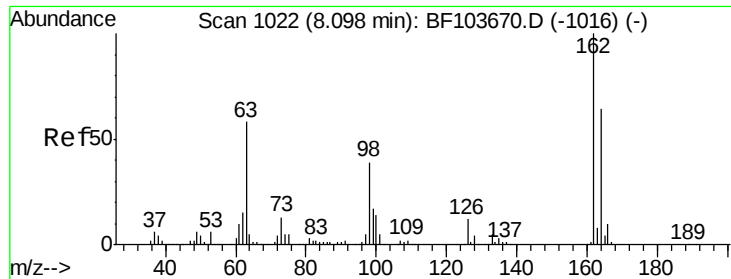
Sohil
3/19/2018 2:00:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.037 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.1	9.8	14.6





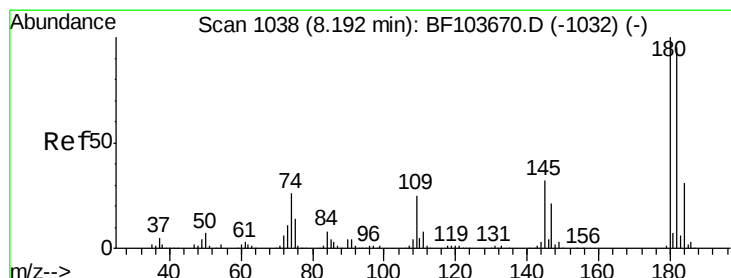
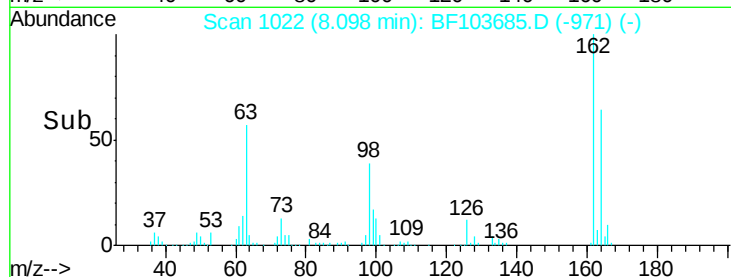
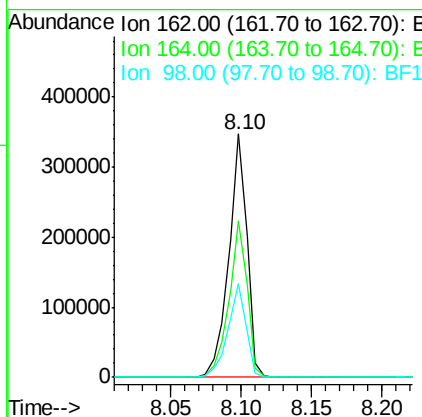
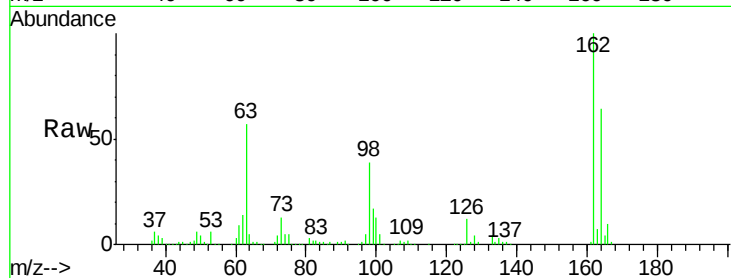
#29
2,4-Dichlorophenol
Concen: 35.634 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	42.7	82.7	
98	38.8	18.1	58.1	

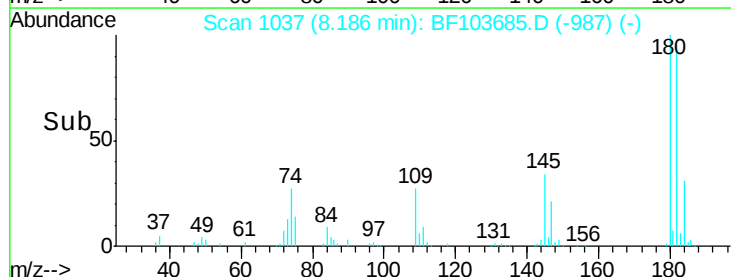
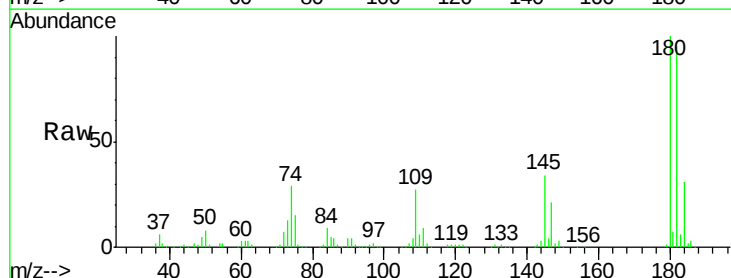
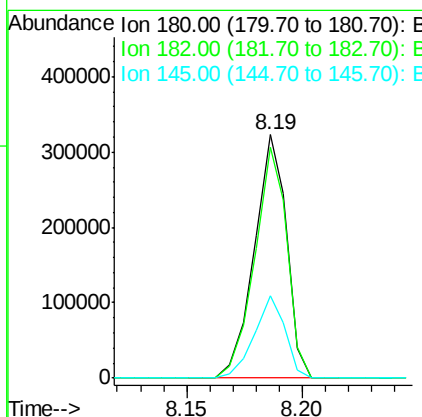
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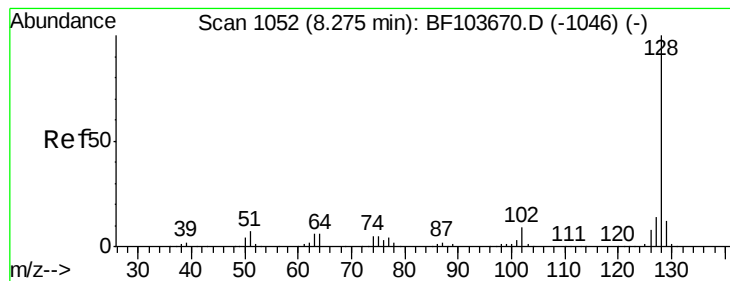
Sohil
3/19/2018 2:00:33 PM



#30
1,2,4-Trichlorobenzene
Concen: 31.131 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	76.8	115.2	
145	33.8	26.5	39.7	





#31

Naphthalene

Concen: 32.128 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

PB107358BS

Tot Ion:128 Resp: 1093045

Ion Ratio Lower Upper

128 100

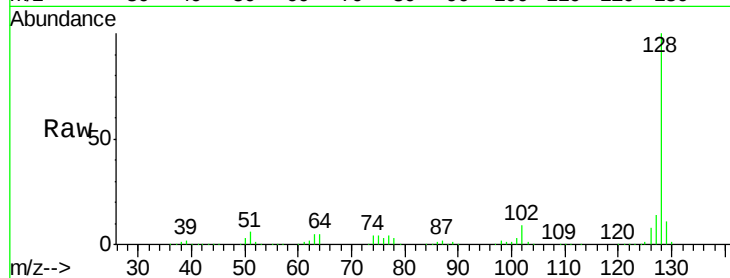
129 11.3 8.8 13.2

127 13.6 10.9 16.3

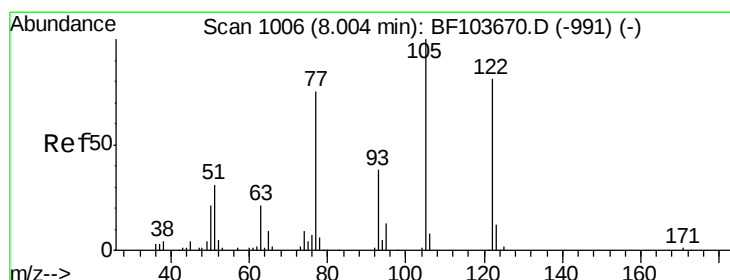
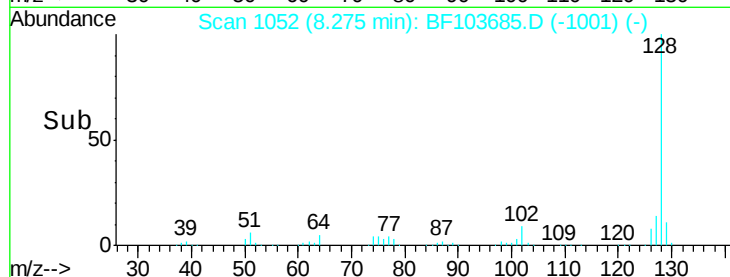
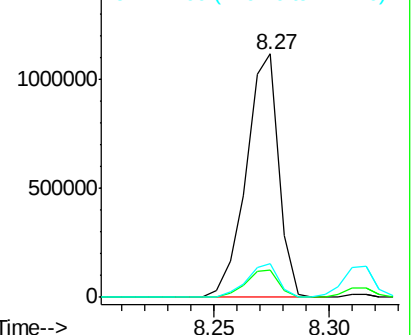
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.874 ng m

RT: 7.95 min Scan# 997

Delta R.T. -0.05 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

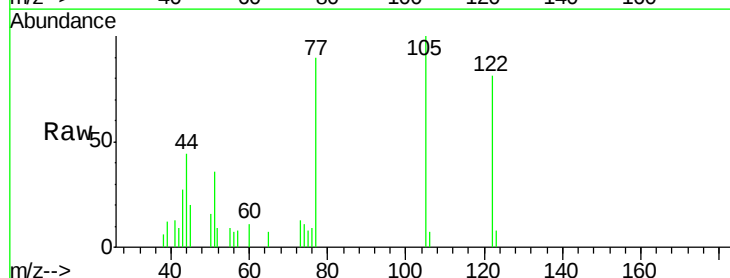
Tgt Ion:122 Resp: 16768

Ion Ratio Lower Upper

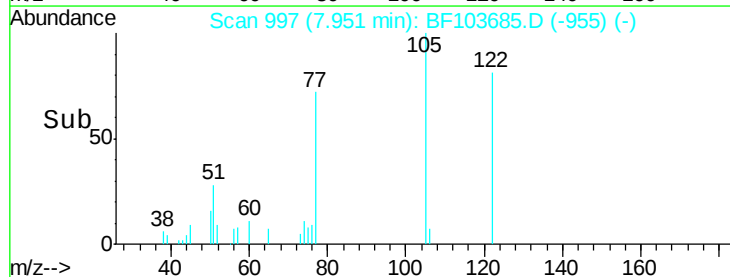
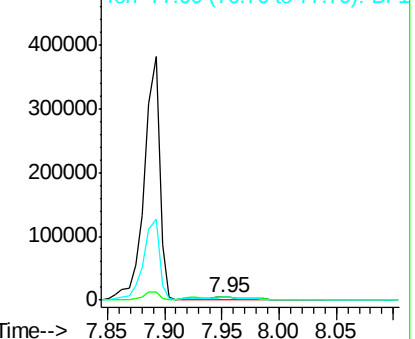
122 100

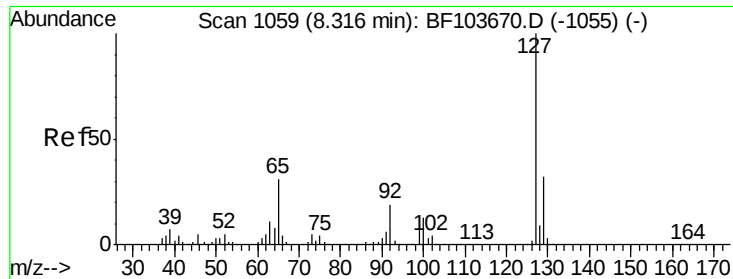
105 122.9 101.1 141.1

77 111.1 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





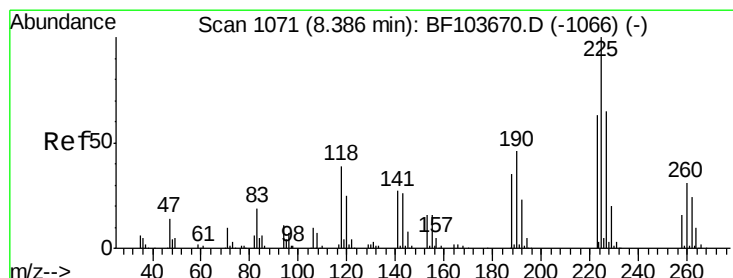
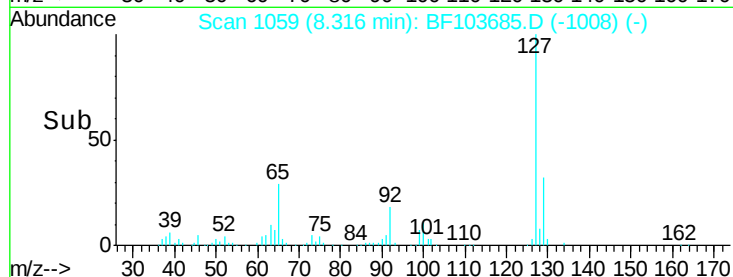
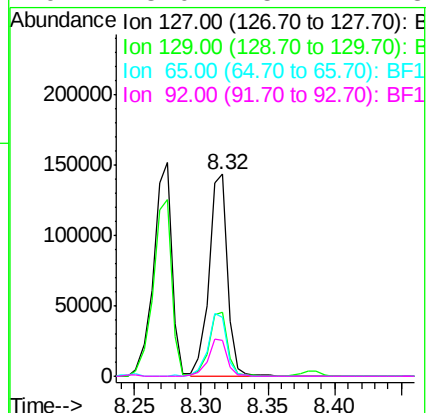
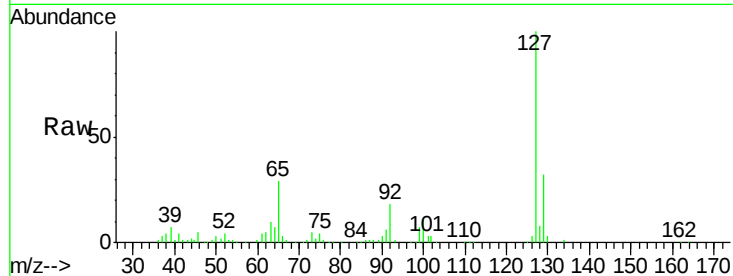
#33
4-Chloroaniline
Concen: 9.795 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0		25.9	38.9	
65	29.0		25.0	37.4	
92	18.0		15.2	22.8	

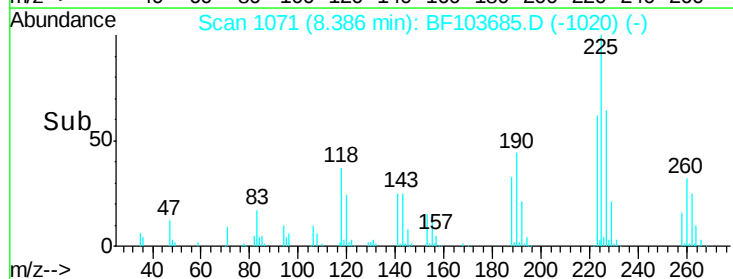
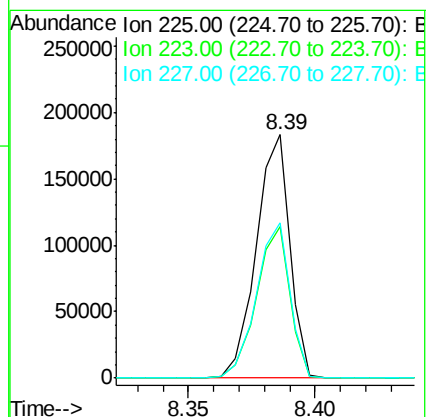
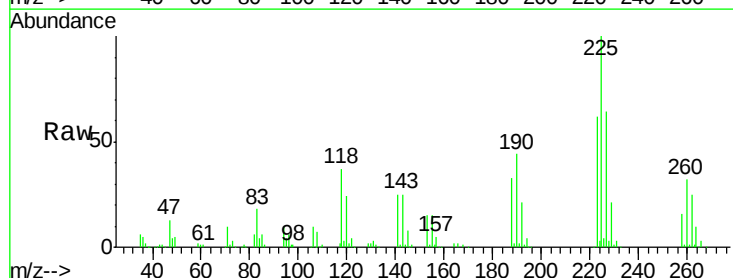
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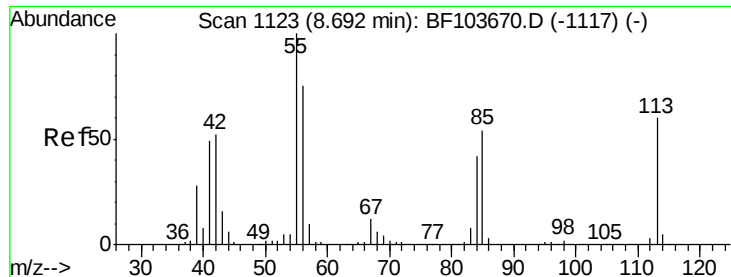
Sohil
3/19/2018 2:00:33 PM



#34
Hexachlorobutadiene
Concen: 30.623 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2		50.6	76.0	
227	63.8		51.9	77.9	





#35

Caprolactam

Concen: 32.644 ng/mL

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleID :

PB107358BS

Tot Ion:113 Resp: 97949

Ion Ratio Lower Upper

113 100

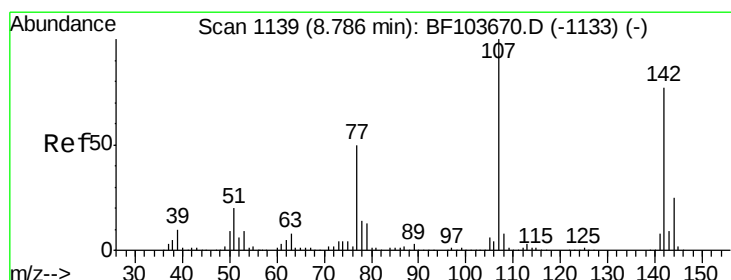
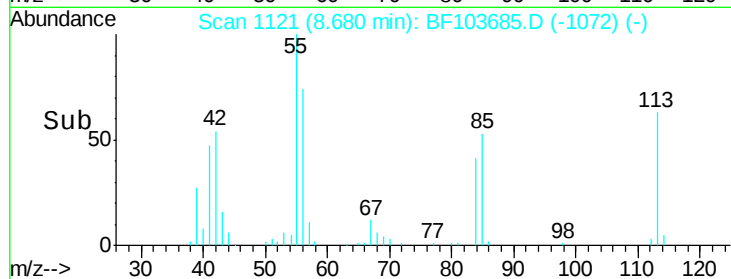
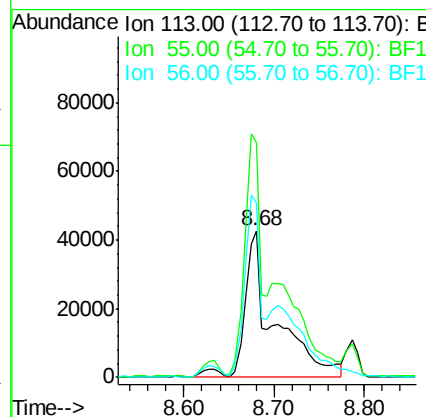
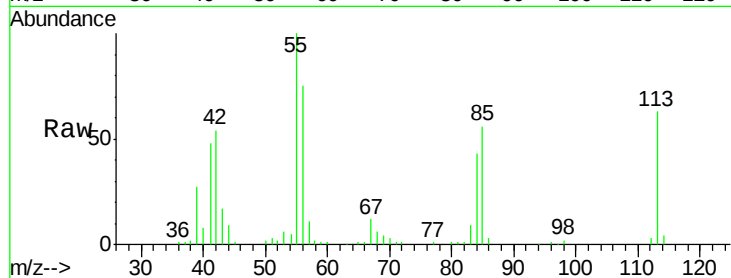
55 159.8 163.3 203.3#

56 119.1 115.7 155.7

Manual Integrations
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3/19/2018 2:00:33 PM



#36

4-Chloro-3-methylphenol

Concen: 35.549 ng/mL

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

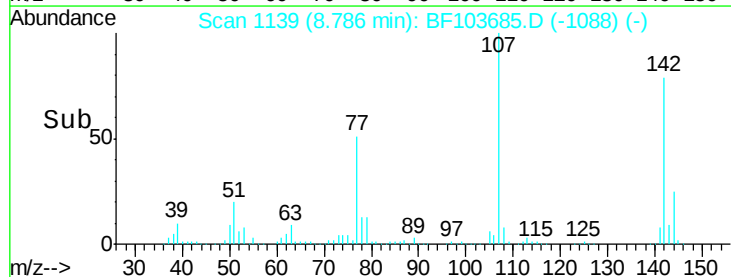
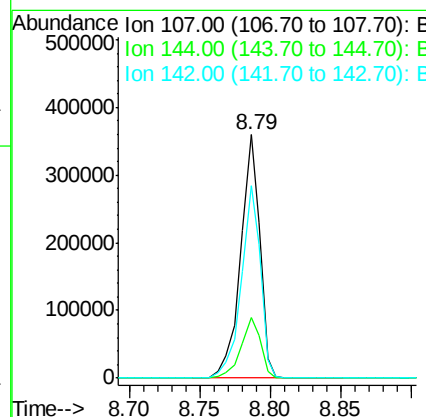
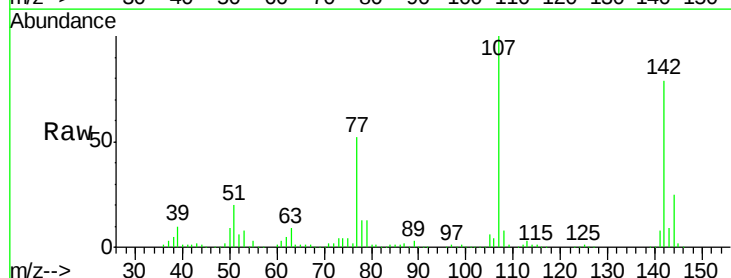
Tgt Ion:107 Resp: 341486

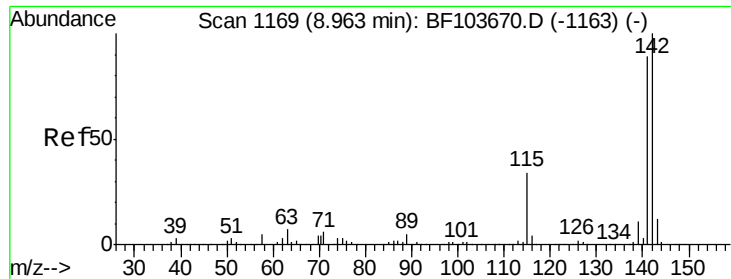
Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

142 79.2 62.0 93.0





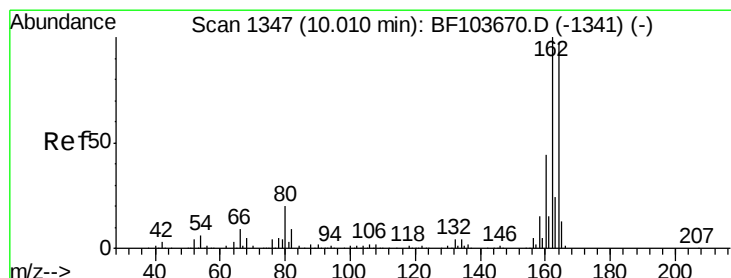
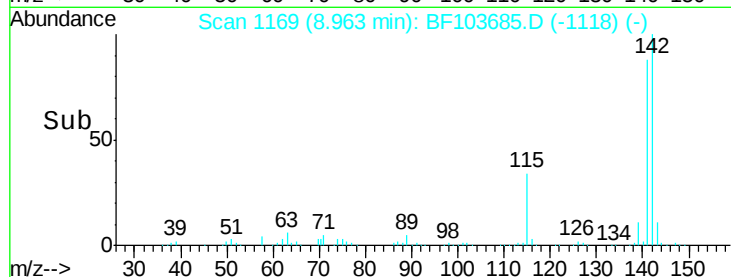
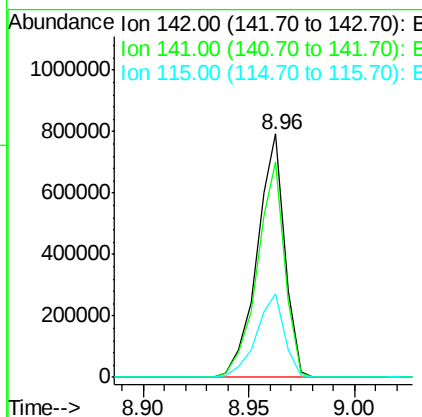
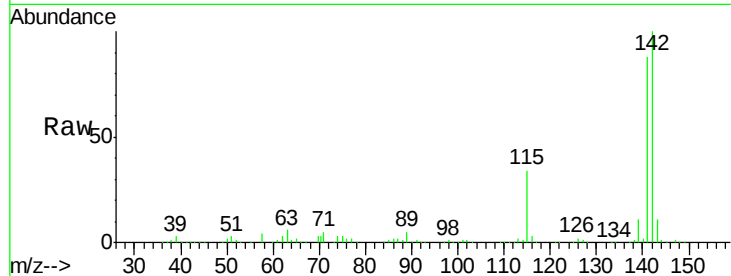
#37
2-Methylnaphthalene
Concen: 33.386 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampled :
PB107358BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	34.3	26.1	39.1

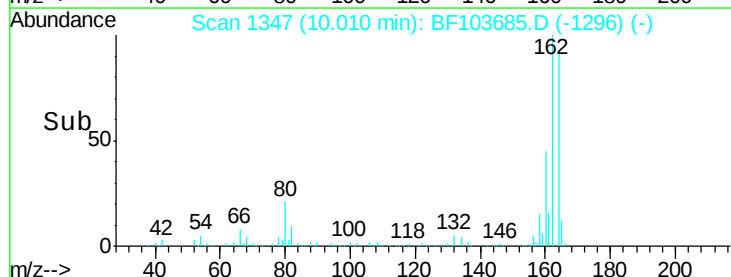
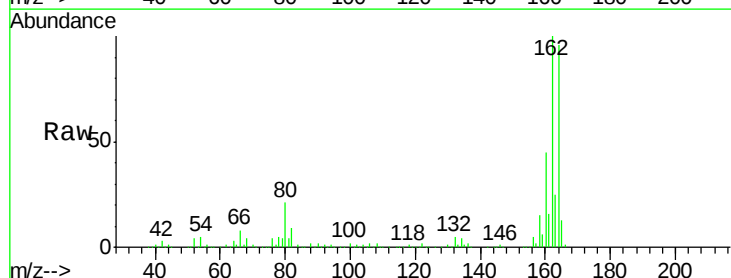
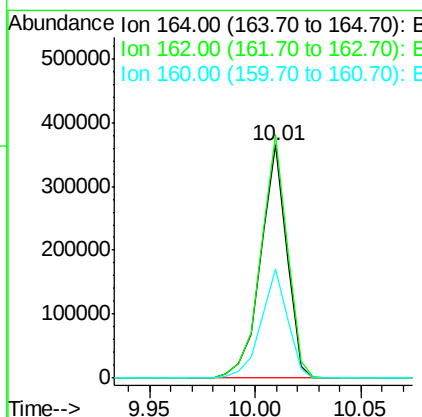
Manual Integrations
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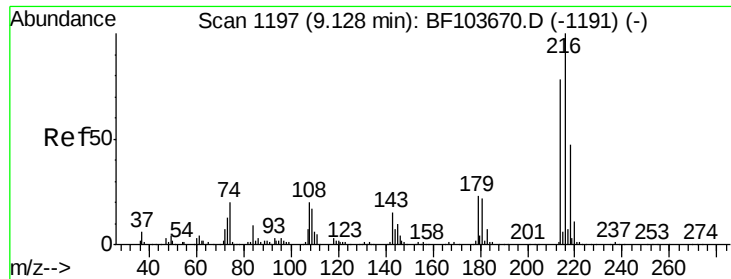
Sohil
3/19/2018 2:00:33 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.1	38.3	57.5





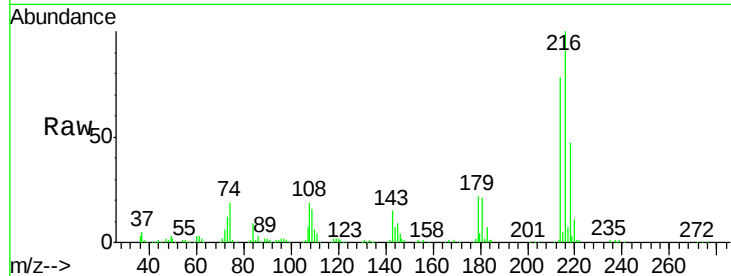
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.455 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

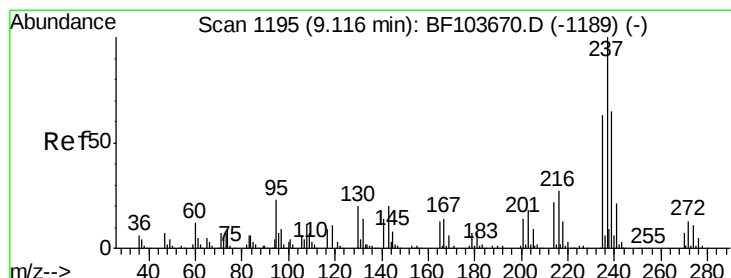
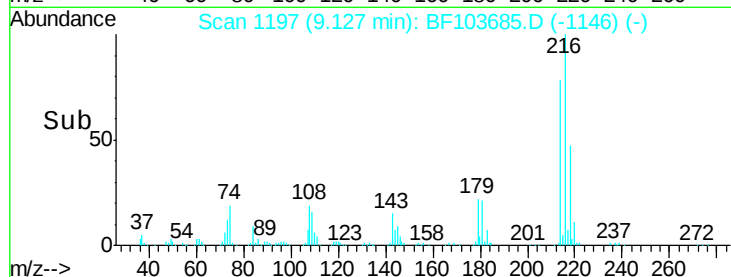
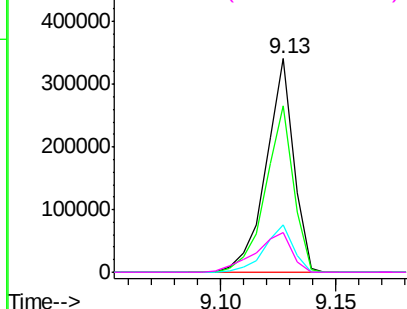
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.9	18.1	27.1
108	24.9	17.2	25.8

Manual Integrations
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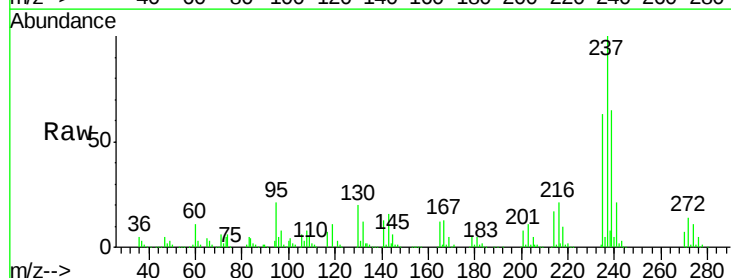


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

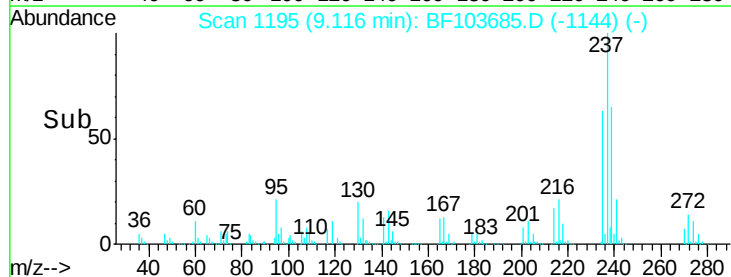
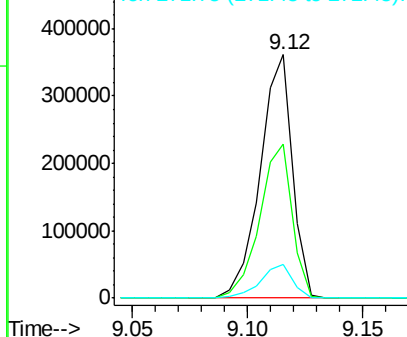


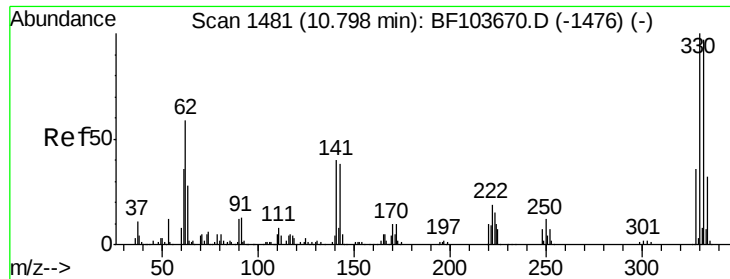
#40
 Hexachlorocyclopentadiene
 Concen: 75.659 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	44.8	84.8
272	14.1	0.0	33.3



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





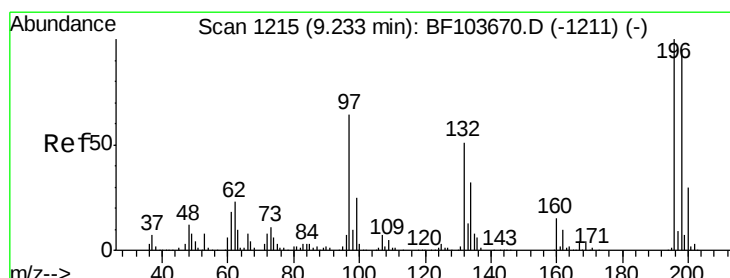
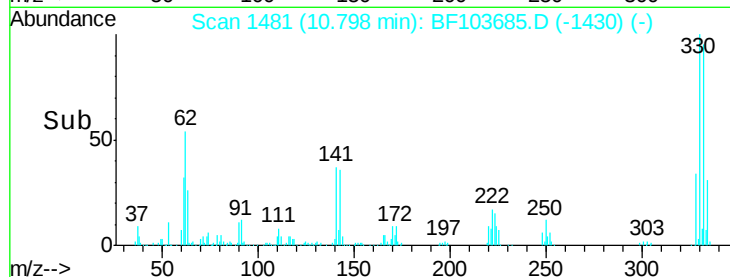
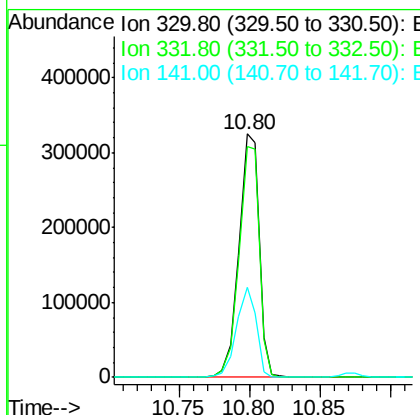
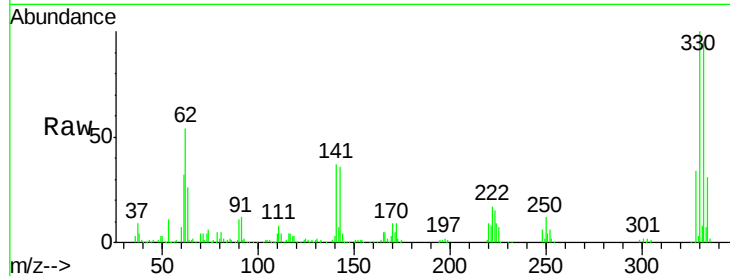
#41
 2,4,6-Tribromophenol
 Concen: 119.436 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	36.5	29.9	44.9

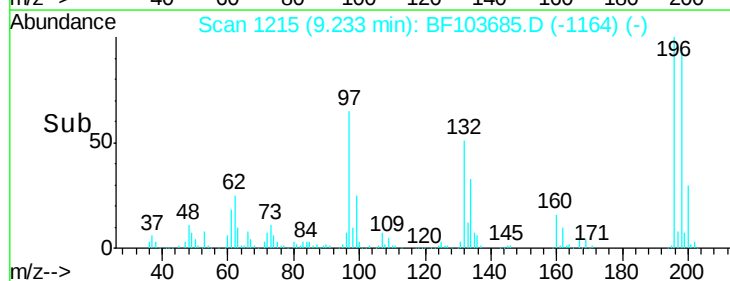
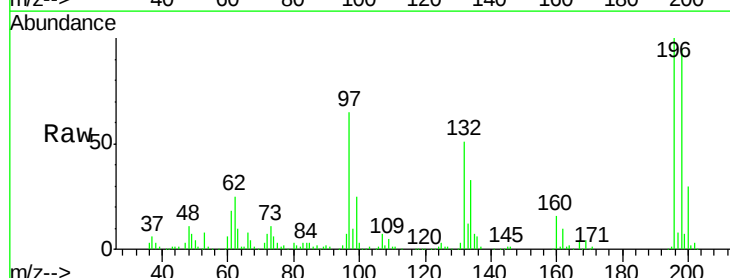
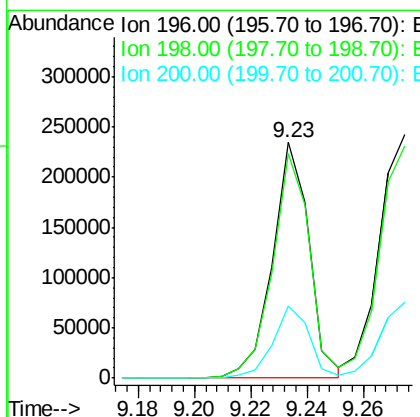
Manual Integrations
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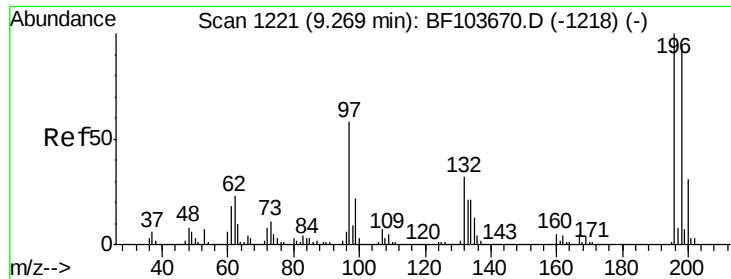
Sohil
 3/19/2018 2:00:33 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.581 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	30.4	24.5	36.7





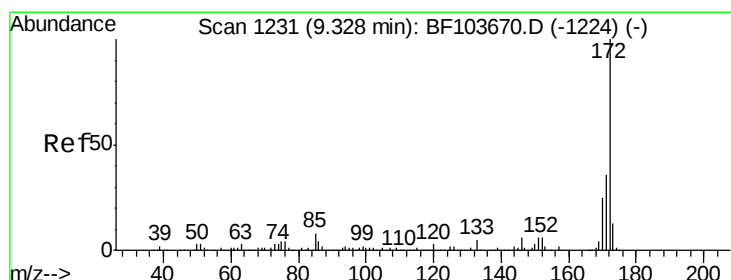
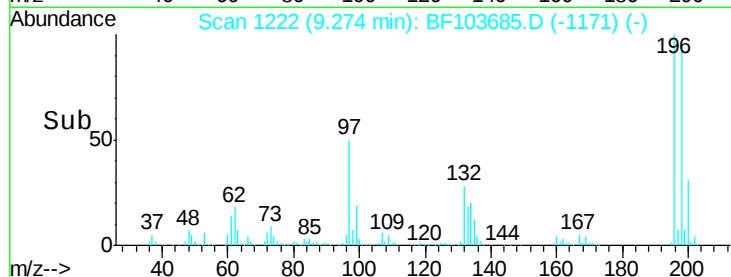
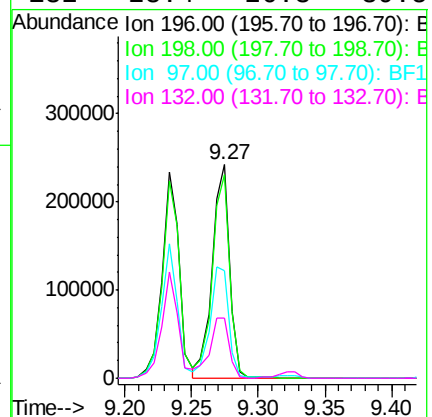
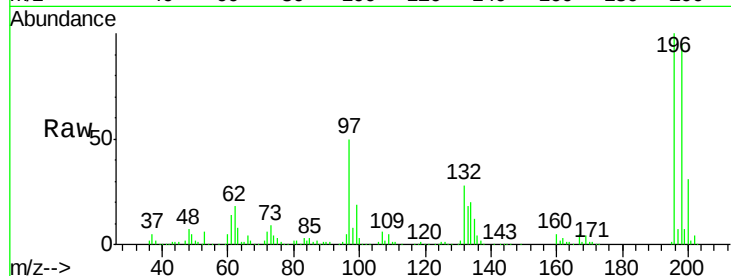
#43
2,4,5-Trichlorophenol
Concen: 34.277 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223179		
198	95.3	74.6	112.0	
97	50.1	42.9	64.3	
132	28.4	26.3	39.5	

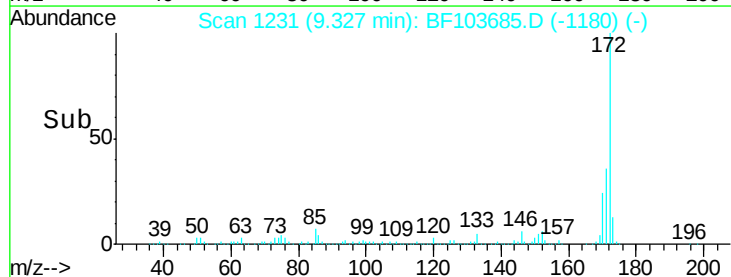
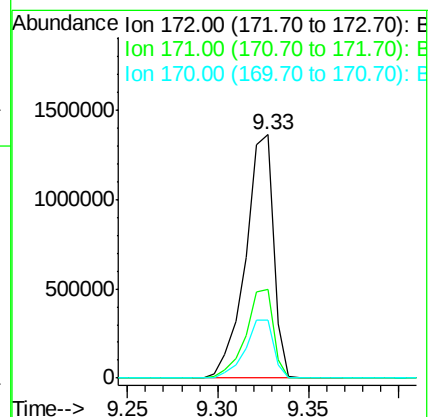
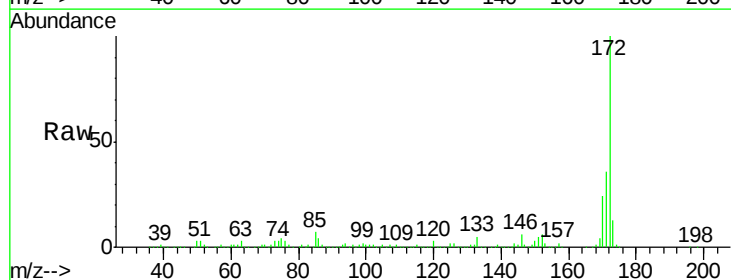
Manual Integrations
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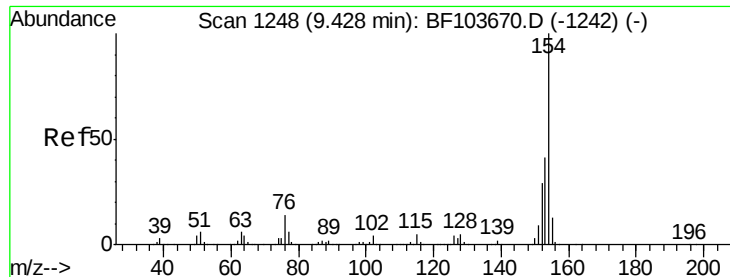
Sohil
3/19/2018 2:00:33 PM



#44
2-Fluorobiphenyl
Concen: 73.733 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1461260		
171	36.4	29.7	44.5	
170	24.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 31.426 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

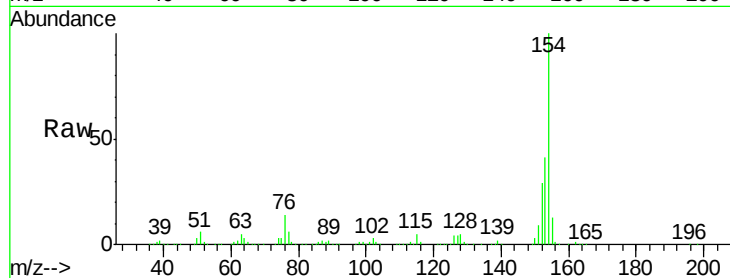
ClientSampled :

PB107358BS

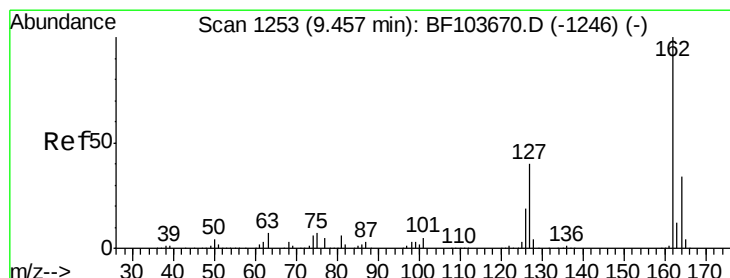
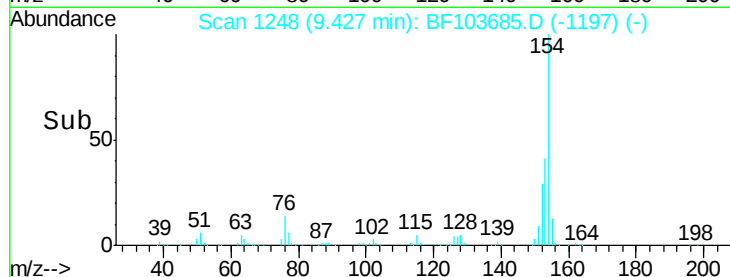
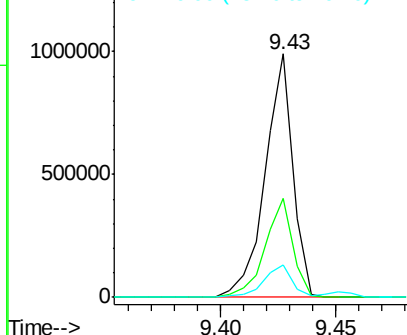
Tot Ion:	154	Resp:	828415
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	13.5	0.0	34.0

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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: 31.371 ng

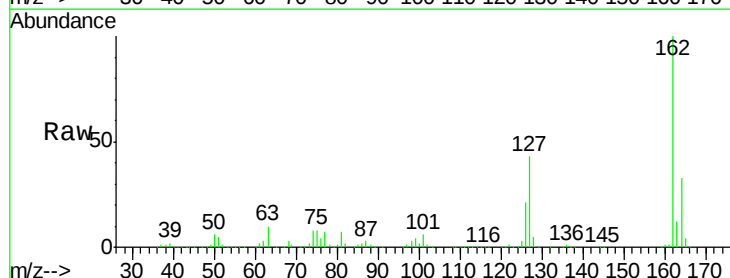
RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

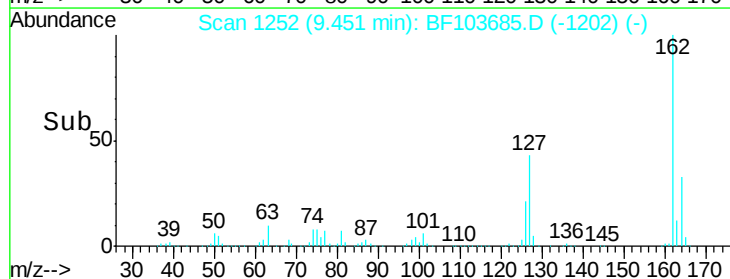
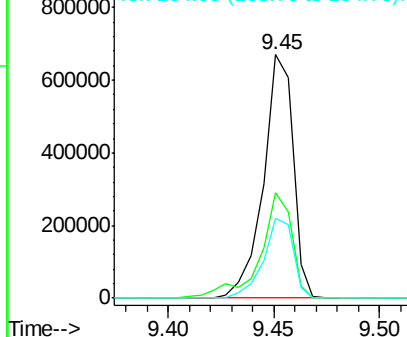
Lab File: BF103685.D

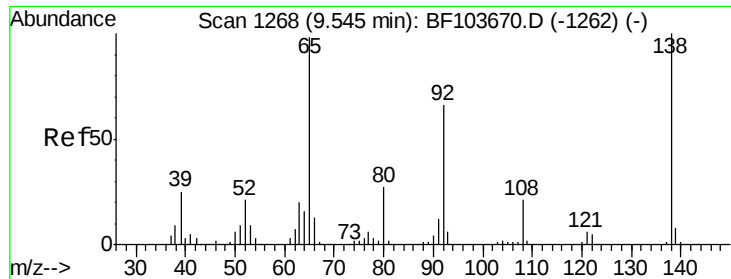
Acq: 16 Mar 2018 10:10

Tgt Ion:	162	Resp:	656820
Ion Ratio	Lower	Upper	
162	100		
127	43.1	33.9	50.9
164	32.9	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





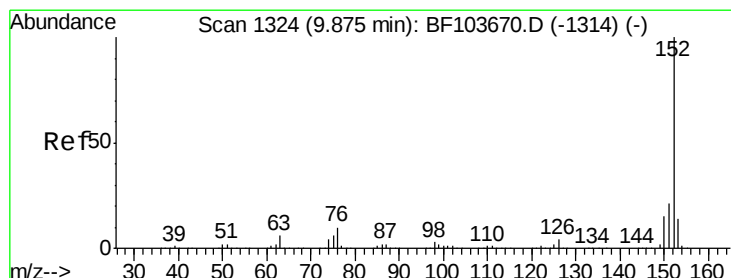
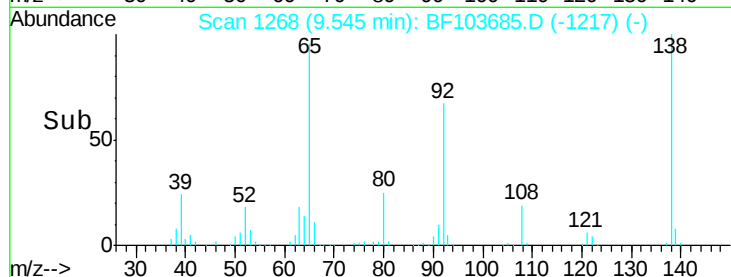
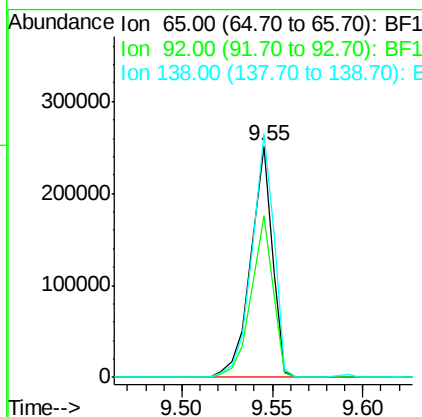
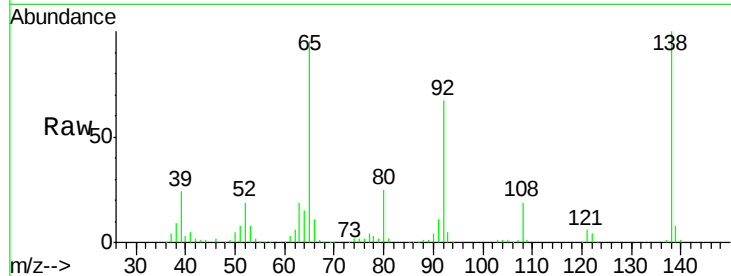
#47
2-Nitroaniline
Concen: 39.568 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.8	83.6
138	105.2	91.2	136.8

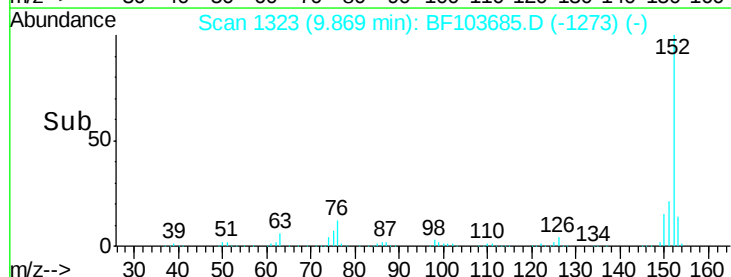
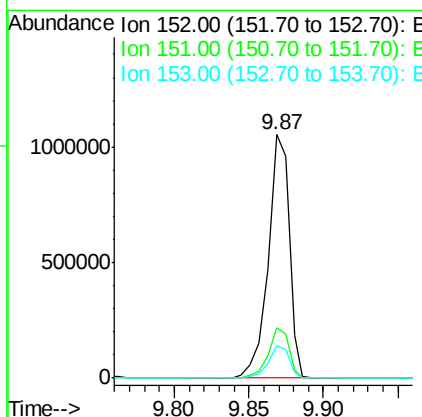
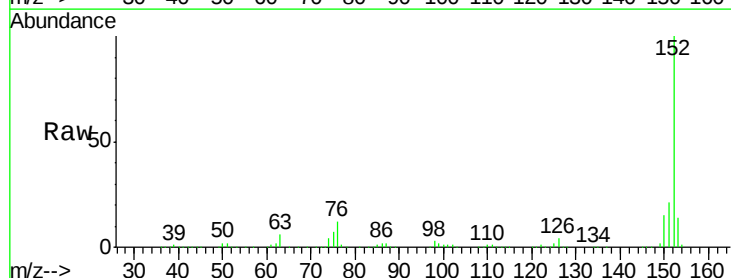
Manual Integrations
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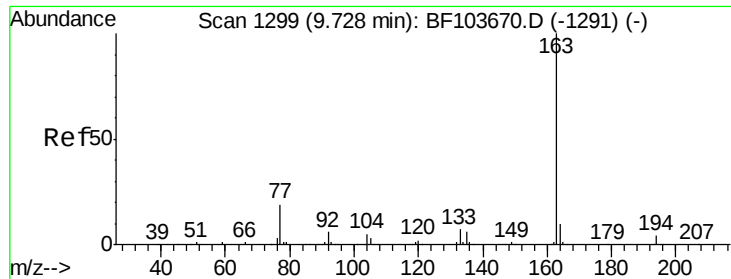
Sohil
3/19/2018 2:00:33 PM



#48
Acenaphthylene
Concen: 31.463 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.5	10.7	16.1





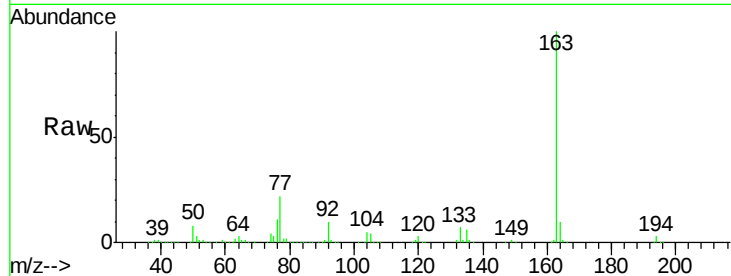
#49
Dimethylphthalate
Concen: 32.281 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

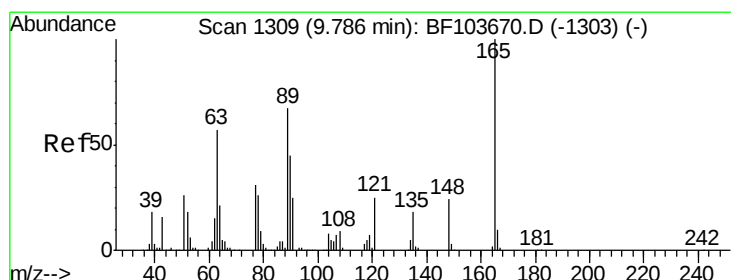
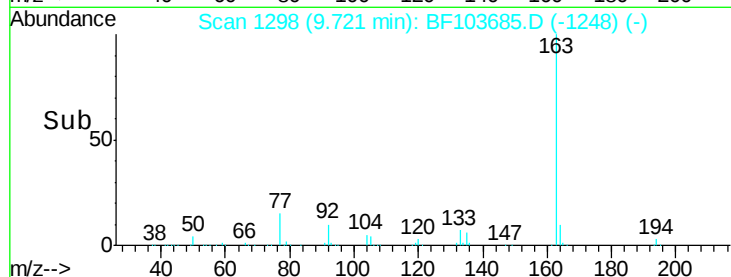
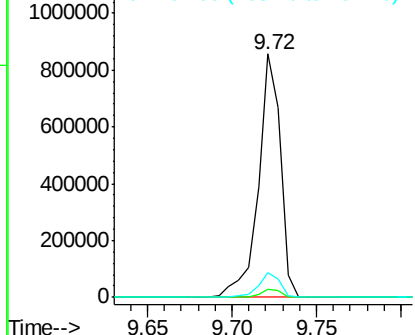
Tot Ion	Ratio	Resp	Lower	Upper
163	100	778599		
194	3.3		2.7	4.1
164	10.2		8.2	12.2

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3/19/2018 2:00:33 PM

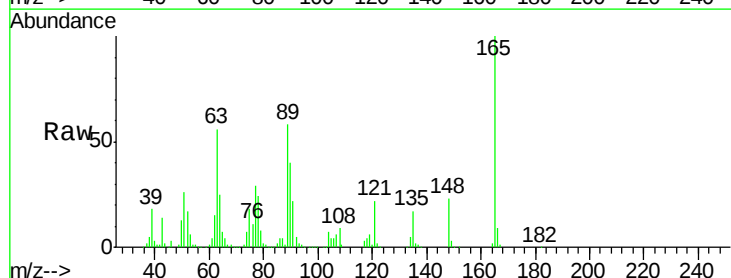


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

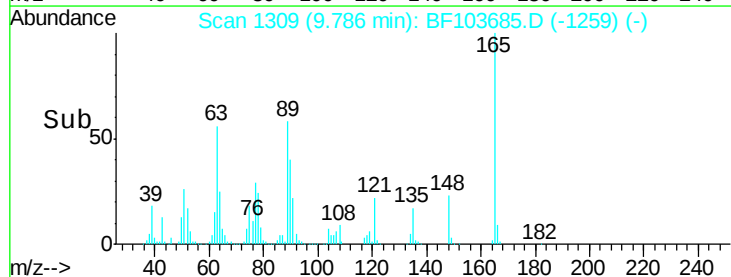
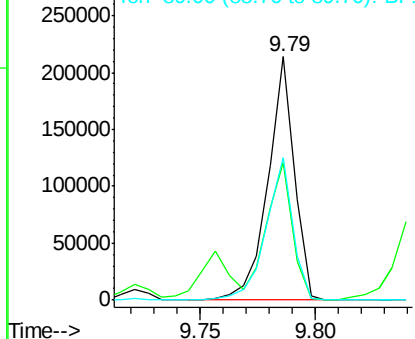


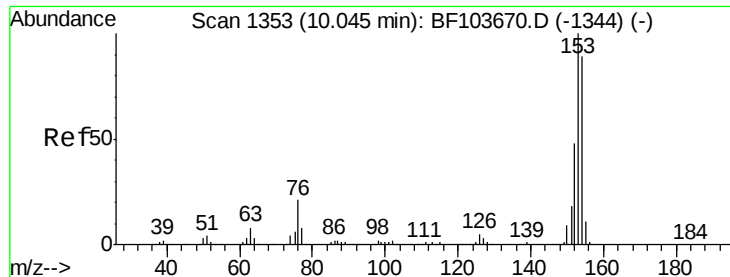
#50
2,6-Dinitrotoluene
Concen: 37.486 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	170459		
63	56.4		44.7	67.1
89	58.4		44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 31.315 ng

RT: 10.04 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

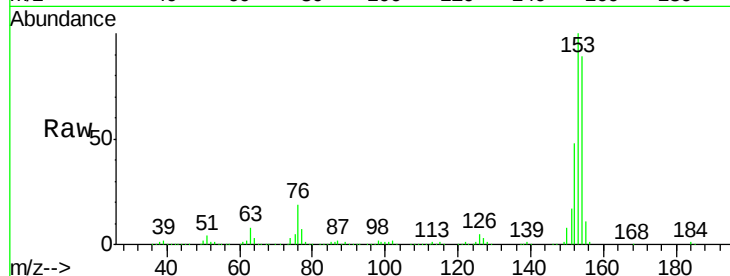
ClientSampled :

PB107358BS

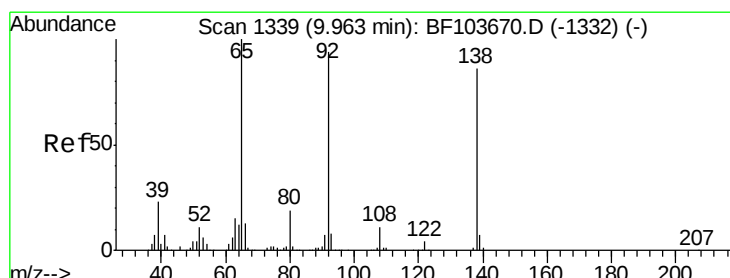
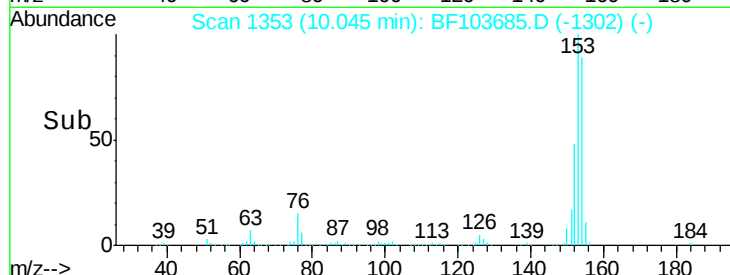
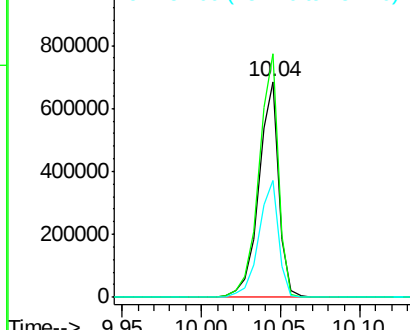
Tot Ion:	154	Resp:	603689
Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
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3/19/2018 2:00:33 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.789 ng

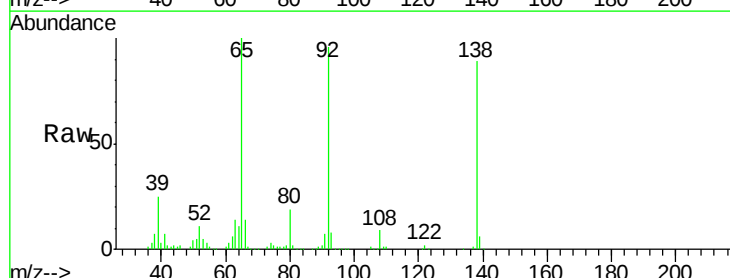
RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

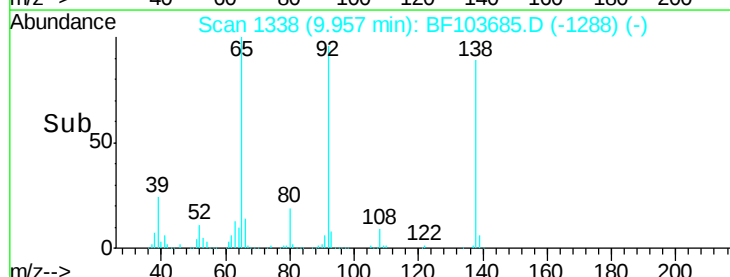
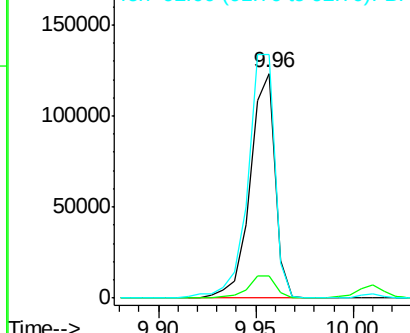
Lab File: BF103685.D

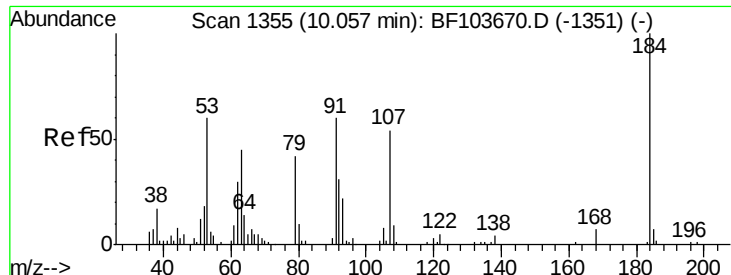
Acq: 16 Mar 2018 10:10

Tgt Ion:	138	Resp:	109187
Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	108.3	89.4	134.2



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





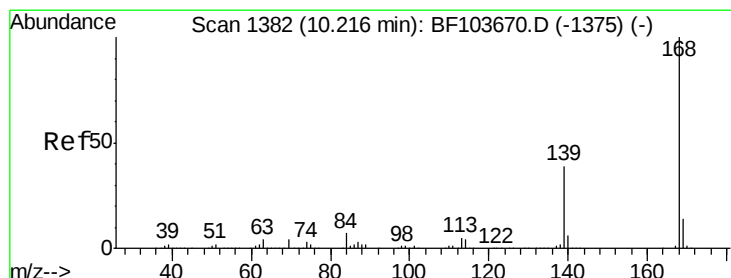
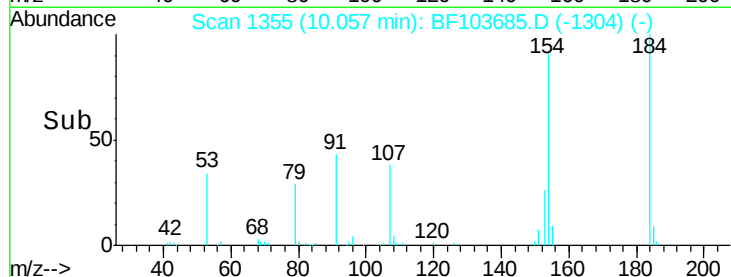
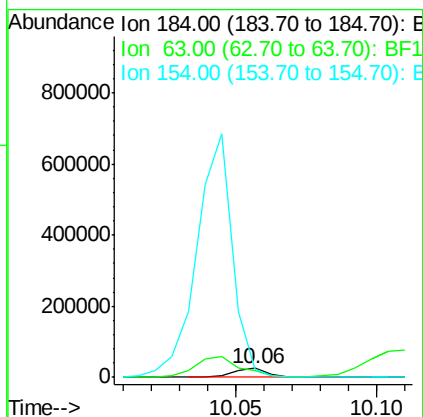
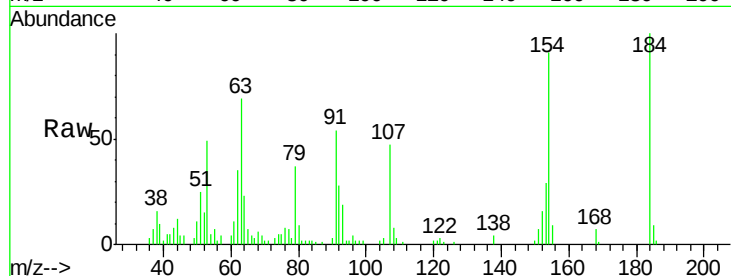
#53
2,4-Dinitrophenol
Concen: 29.711 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.6	54.2	81.2
154	90.8	184.0	276.0#

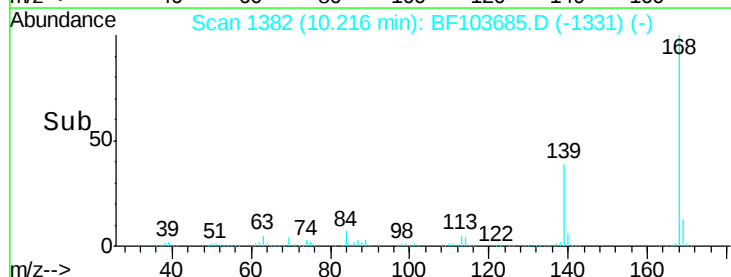
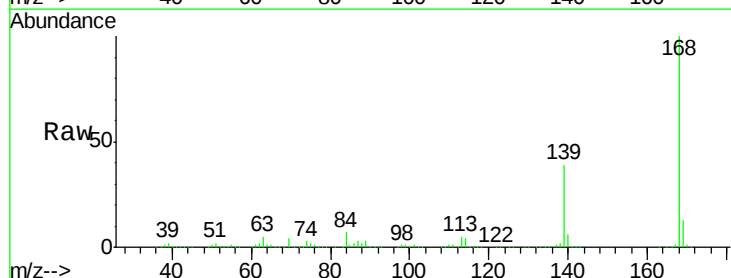
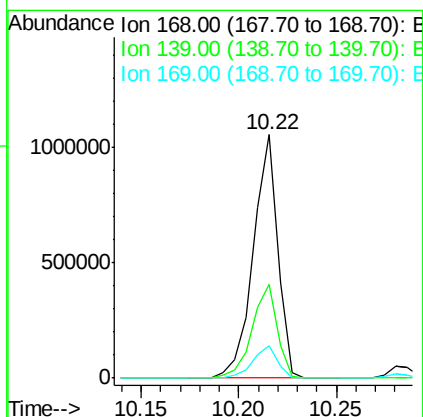
Manual Integrations
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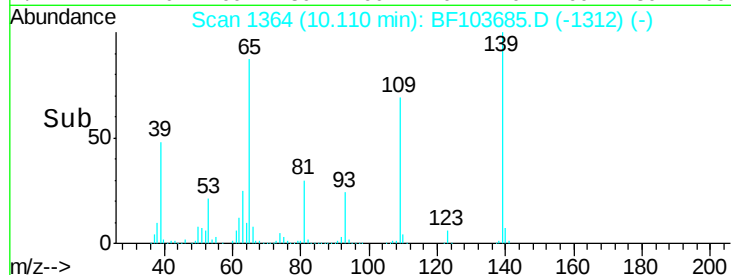
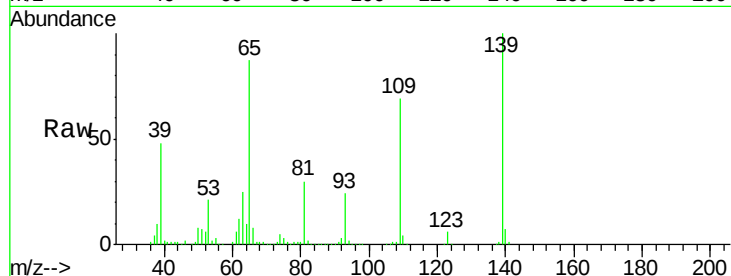
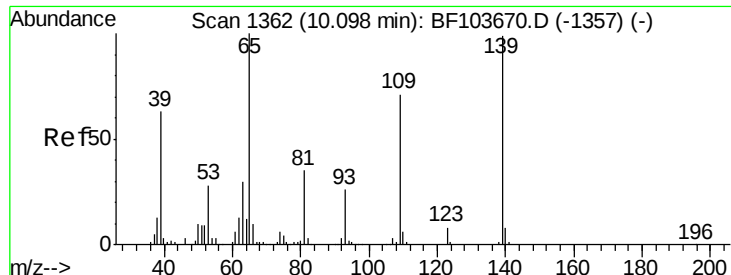
Sohil
3/19/2018 2:00:33 PM



#54
Dibenzofuran
Concen: 33.311 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.4	10.9	16.3





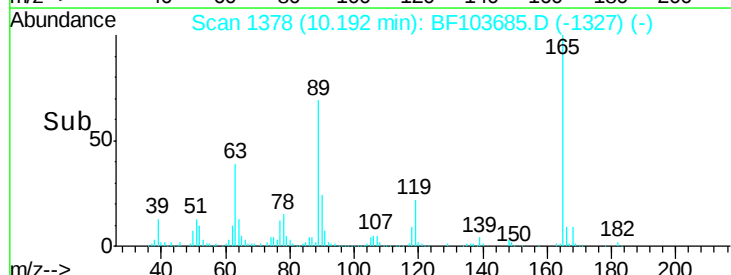
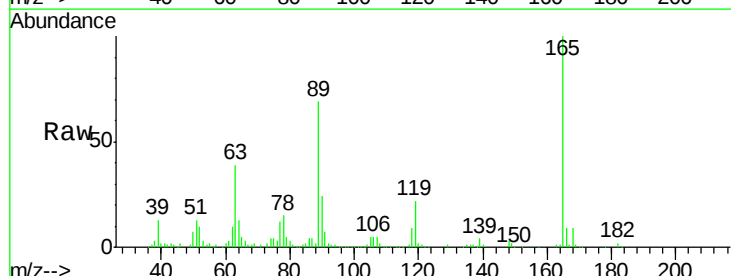
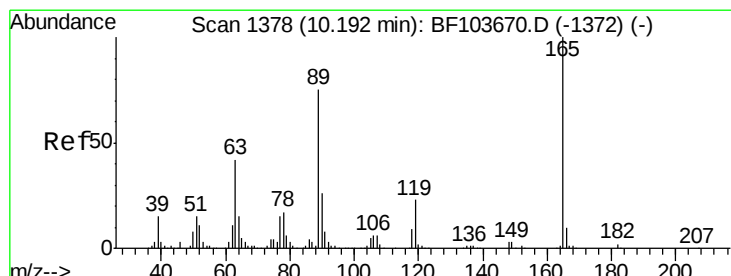
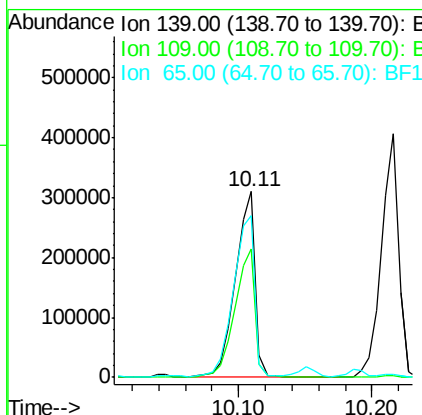
#55
4-Nitrophenol
Concen: 73.545 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	322873		
109	69.0	48.4	88.4	
65	86.8	72.6	112.6	

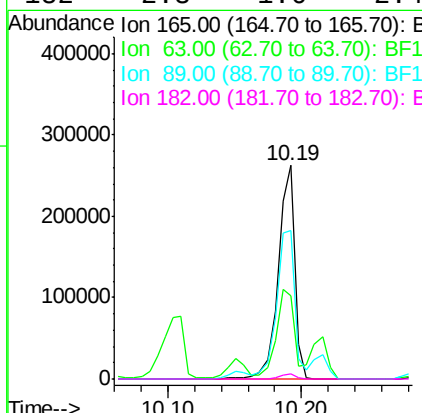
Manual Integrations
APPROVED

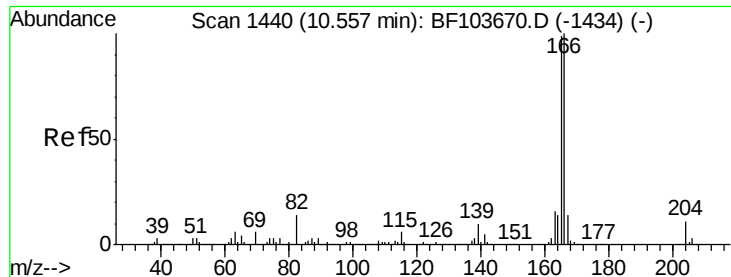
Sohil
3/19/2018 2:00:33 PM



#56
2,4-Dinitrotoluene
Concen: 40.031 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229617		
63	38.9	36.4	54.6	
89	69.5	57.8	86.6	
182	2.3	1.6	2.4	





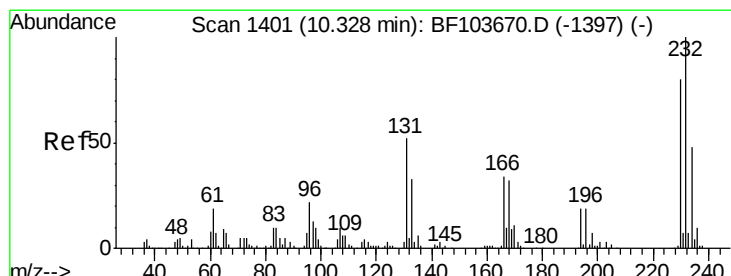
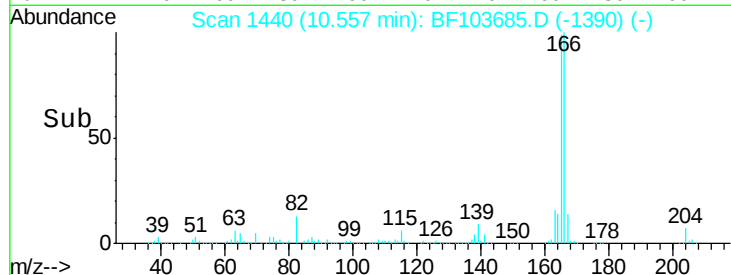
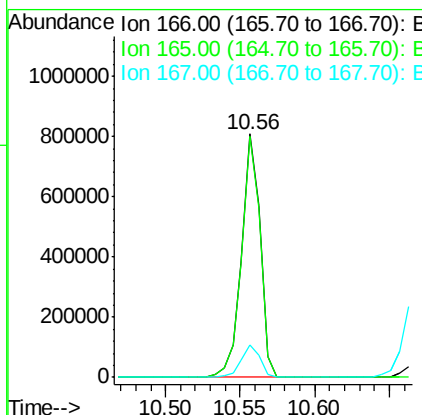
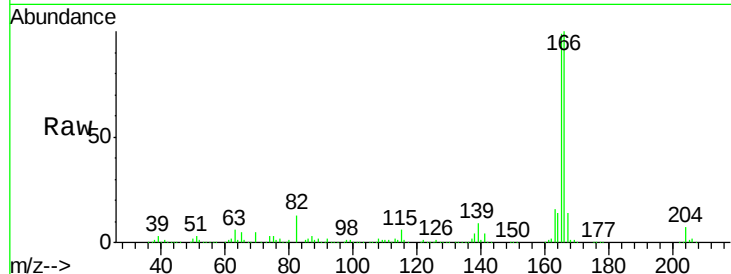
#57
 Fluorene
 Concen: 32.792 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampled :
 PB107358BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	700599		
165	98.9		79.8	119.8
167	13.6		10.6	16.0

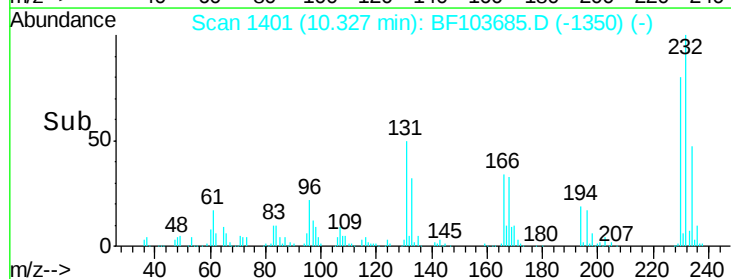
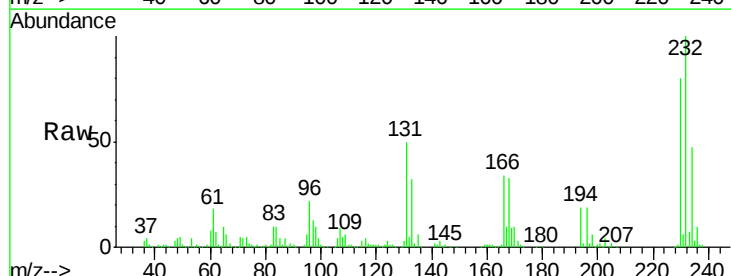
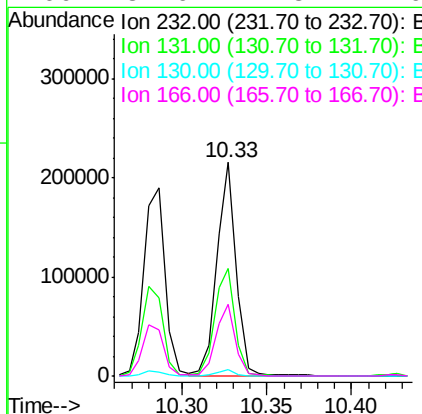
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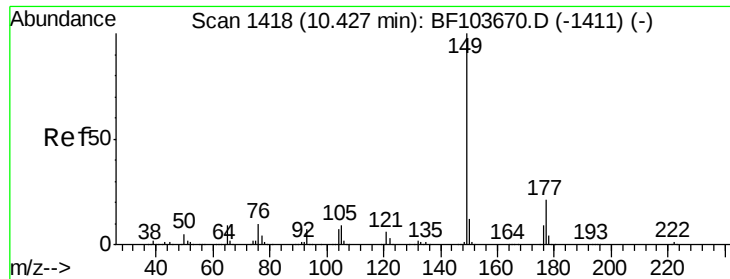
Sohil
 3/19/2018 2:00:33 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.192 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	171591		
131	53.1		43.8	65.8
130	2.8		2.1	3.1
166	34.6		27.8	41.6





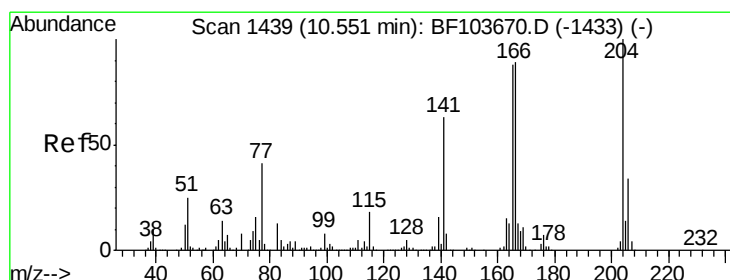
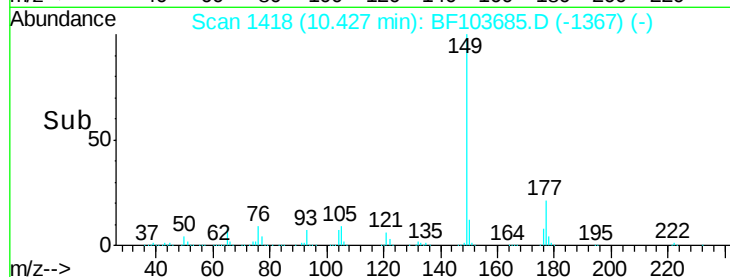
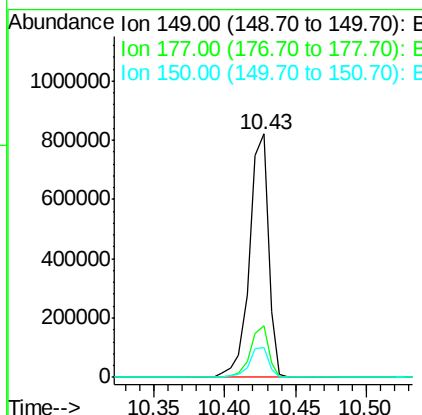
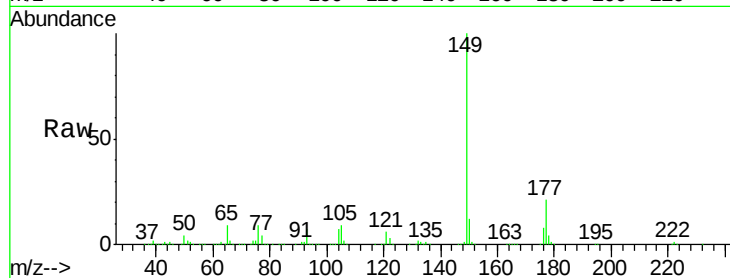
#59
Diethylphthalate
Concen: 32.497 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampled :
PB107358BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.3	10.1	15.1

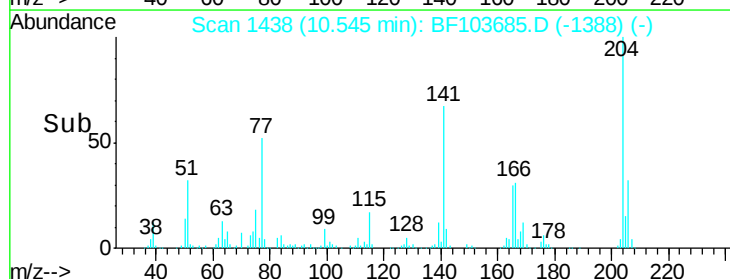
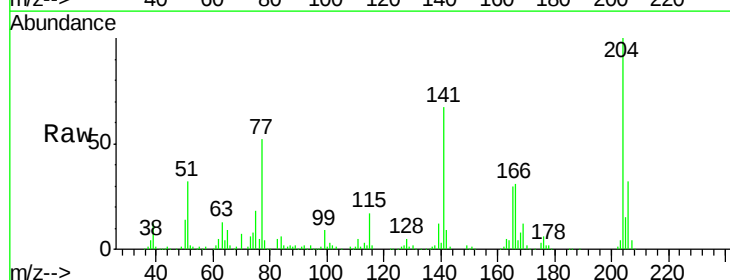
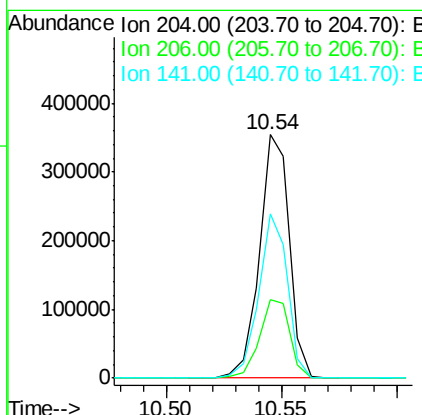
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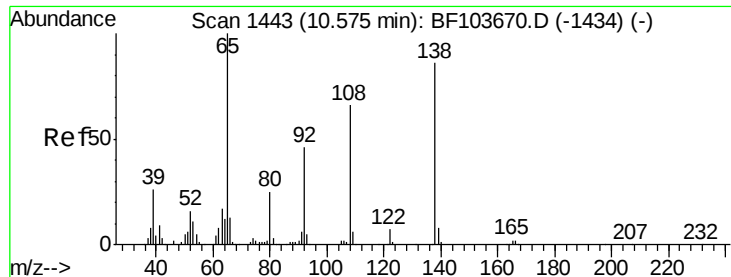
Sohil
3/19/2018 2:00:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.674 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	67.4	54.6	81.8





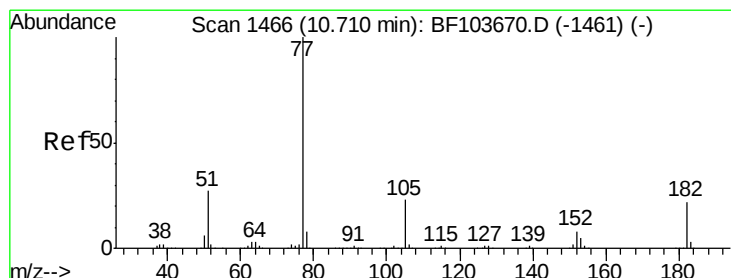
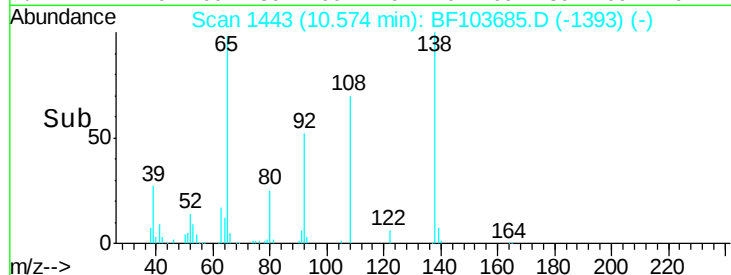
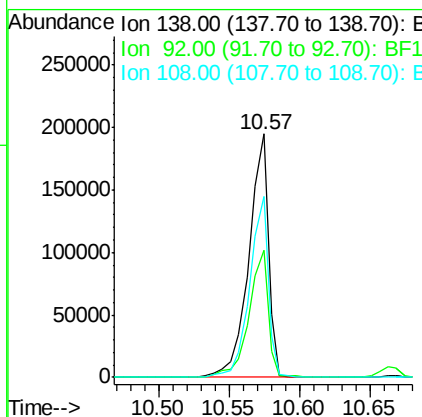
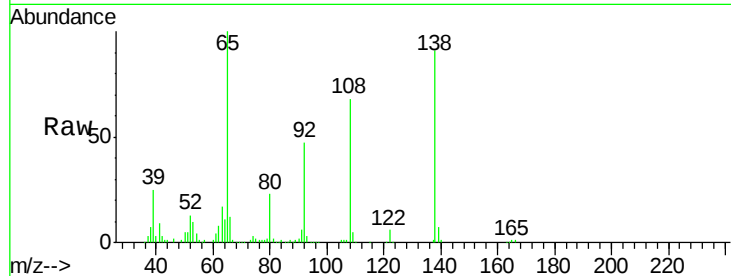
#61
4-Nitroaniline
Concen: 36.412 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampled :
PB107358BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.0	30.2	70.2
108	74.4	52.5	92.5

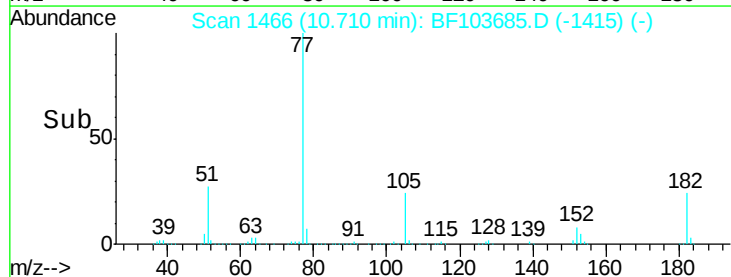
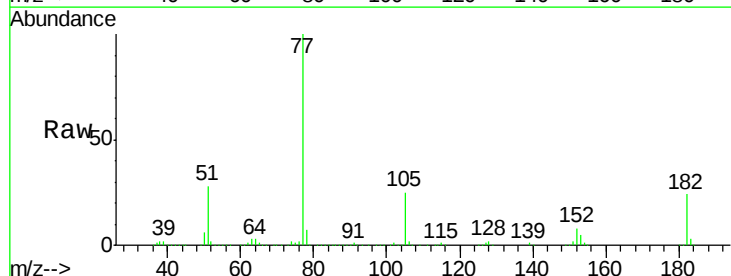
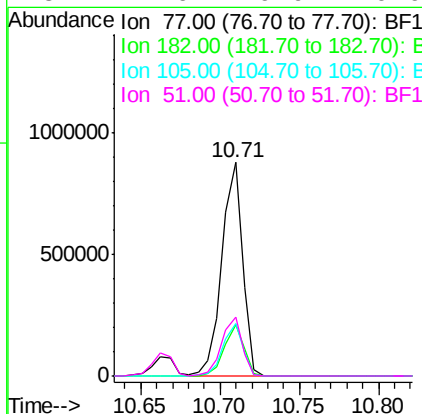
Manual Integrations
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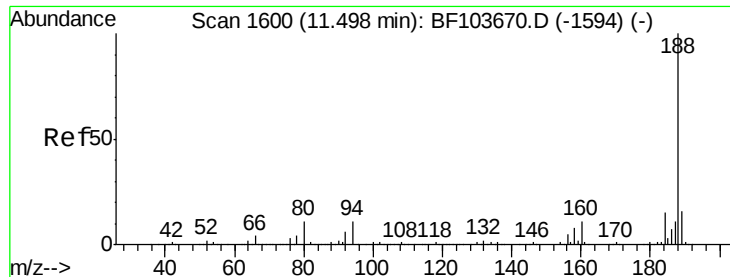
Sohil
3/19/2018 2:00:33 PM



#62
Azobenzene
Concen: 32.879 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.7	41.7
105	24.7	3.0	43.0
51	27.6	9.9	49.9





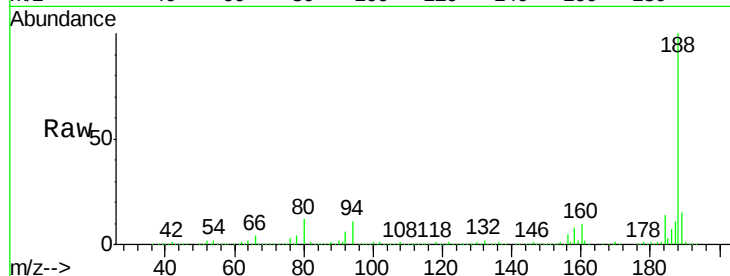
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	574851		
94	11.2		8.5	12.7
80	11.9		9.2	13.8

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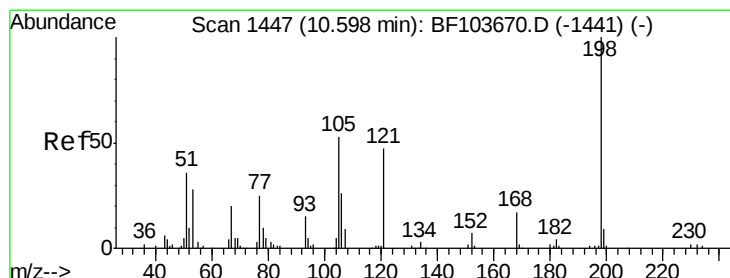
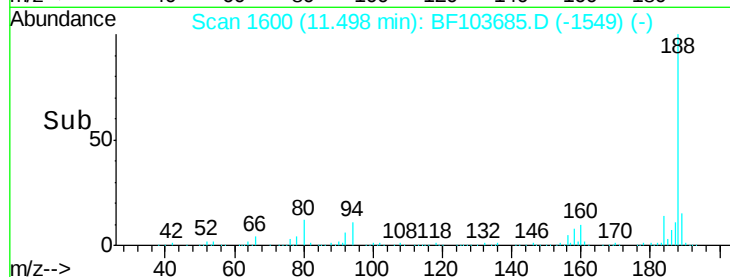
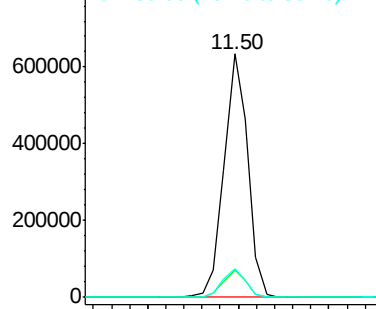
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Abundance Ion 188.00 (187.70 to 188.70): E

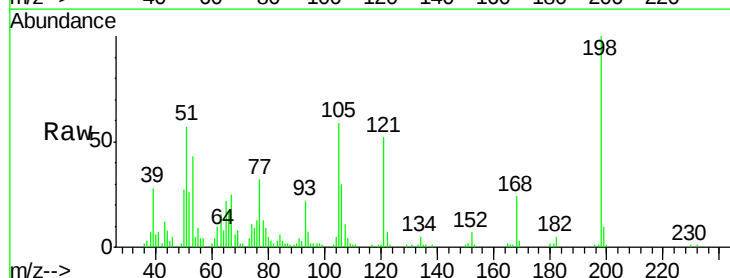
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.491 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

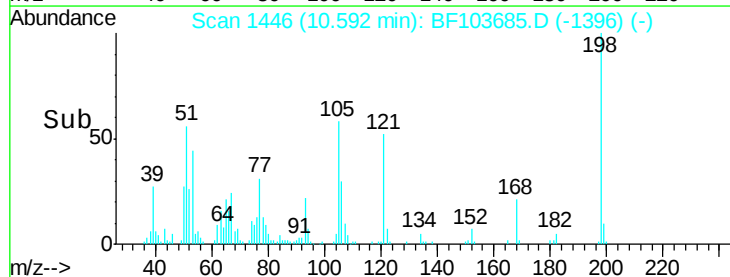
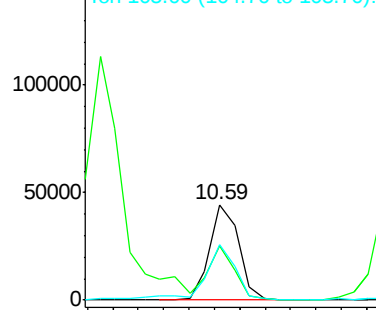
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	35475		
51	56.6		37.7	77.7
105	58.5		36.3	76.3

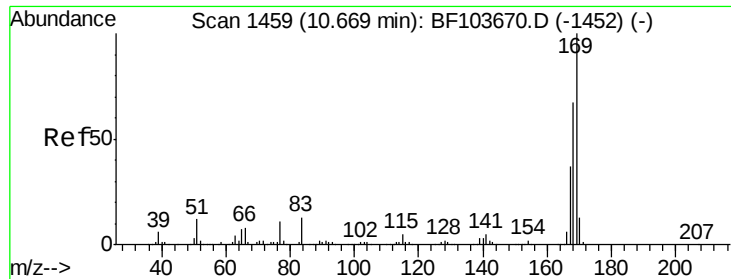


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.361 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

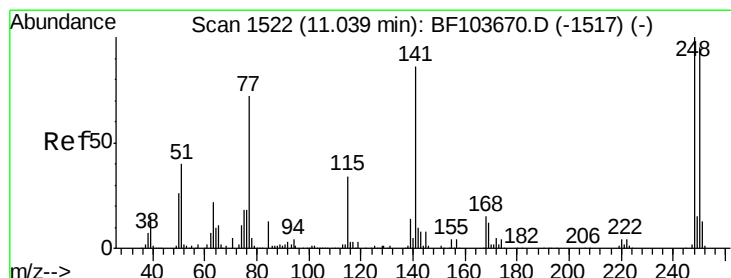
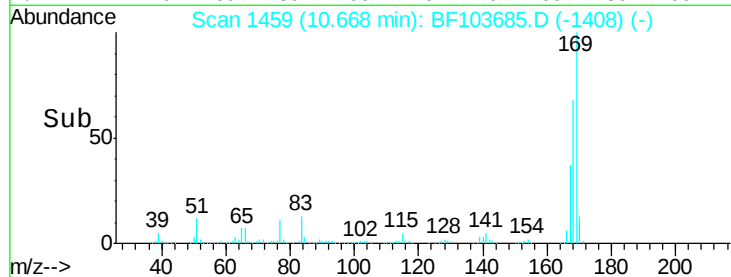
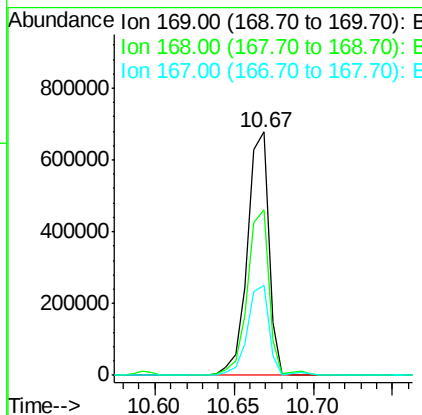
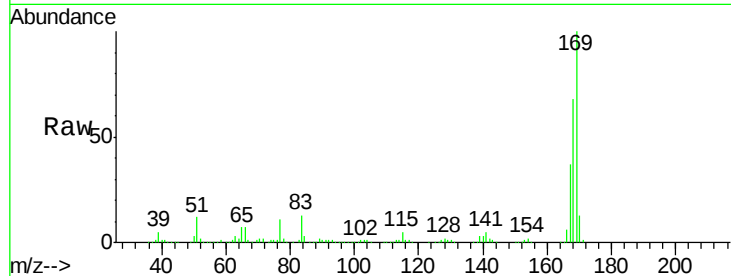
ClientSampleId :

PB107358BS

Tot Ion:	169	Resp:	633209
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.4	81.6
167	36.9	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 33.068 ng

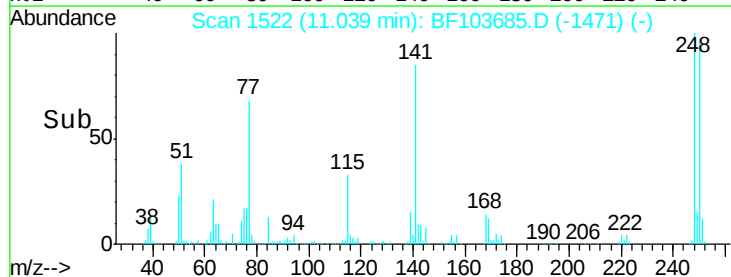
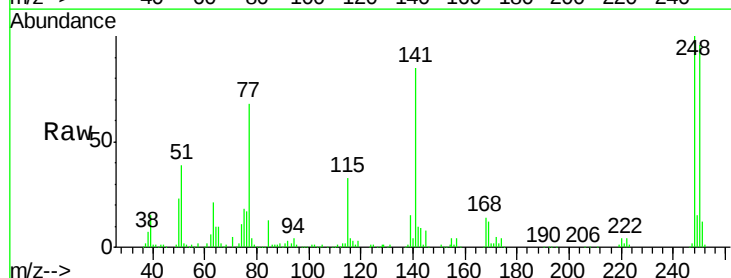
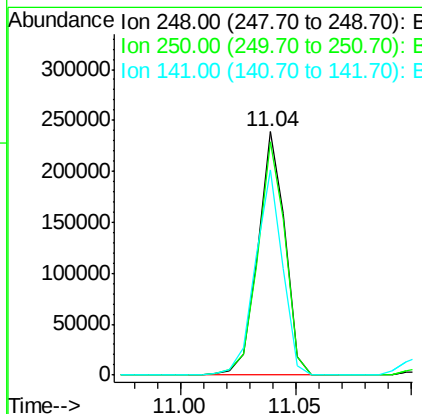
RT: 11.04 min Scan# 1522

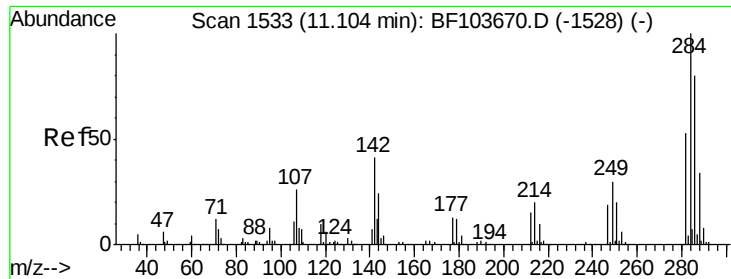
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	248	Resp:	195175
Ion Ratio	Lower	Upper	
248	100		
250	95.8	76.9	115.3
141	84.5	74.4	111.6





#67

Hexachlorobenzene

Concen: 31.495 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

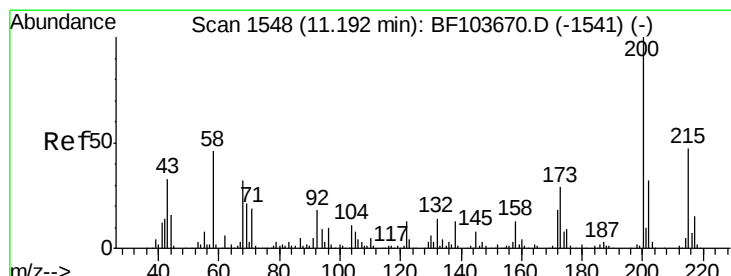
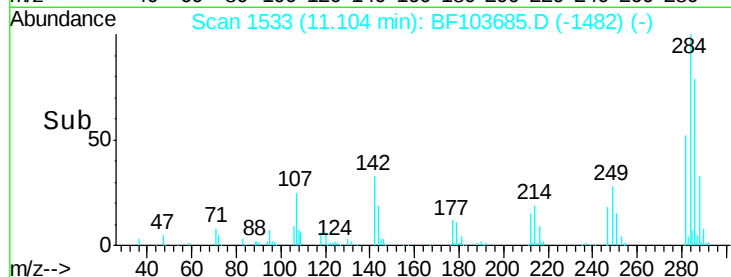
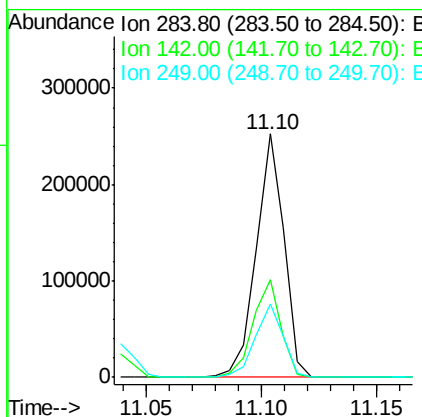
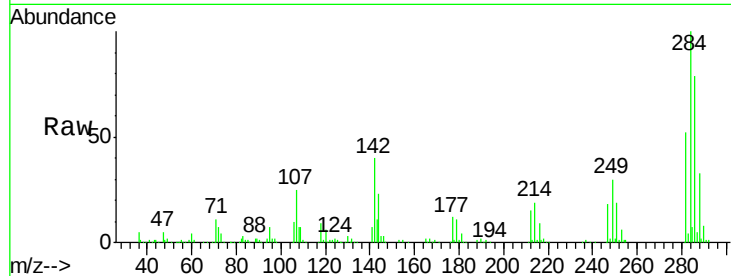
ClientSampleId :

PB107358BS

Tot Ion:	284	Resp:	212166
Ion Ratio	Lower	Upper	
284	100		
142	40.2	34.6	52.0
249	29.9	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 33.263 ng

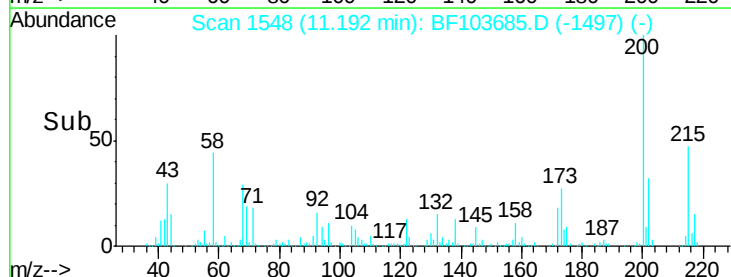
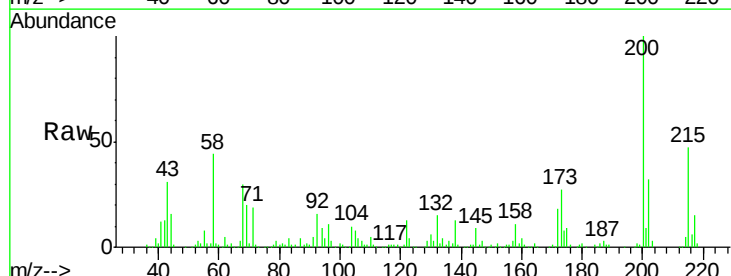
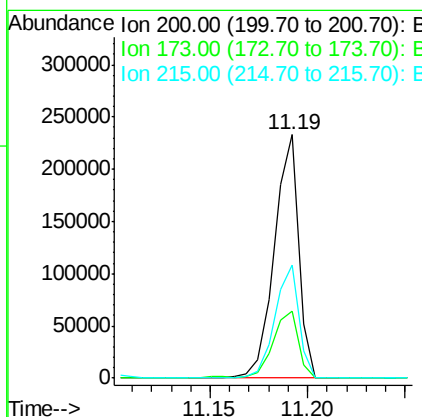
RT: 11.19 min Scan# 1548

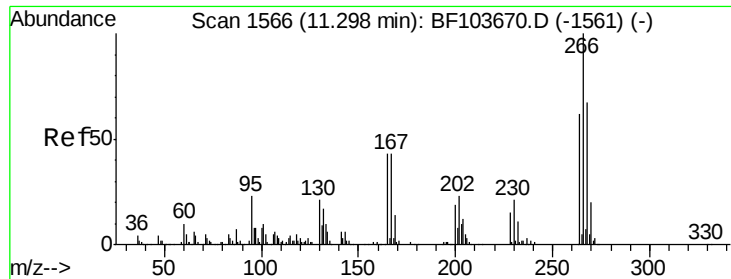
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	200	Resp:	201339
Ion Ratio	Lower	Upper	
200	100		
173	27.3	8.6	48.6
215	46.7	25.1	65.1





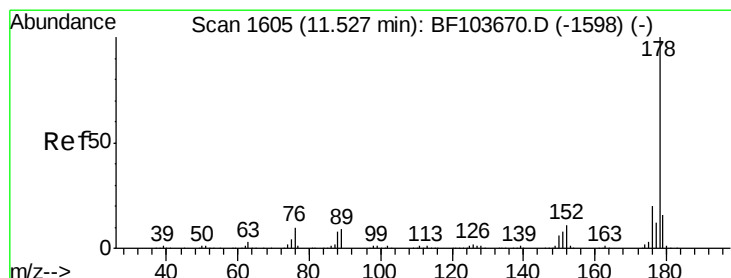
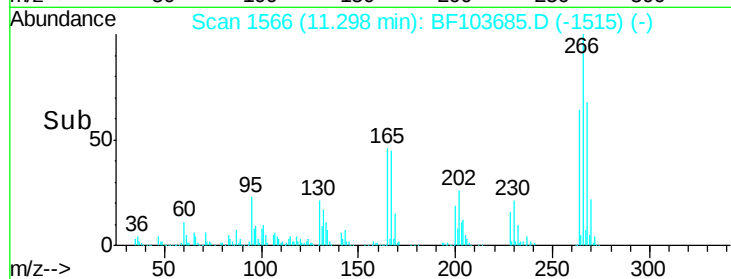
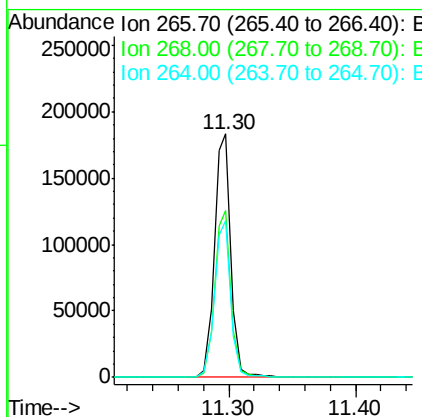
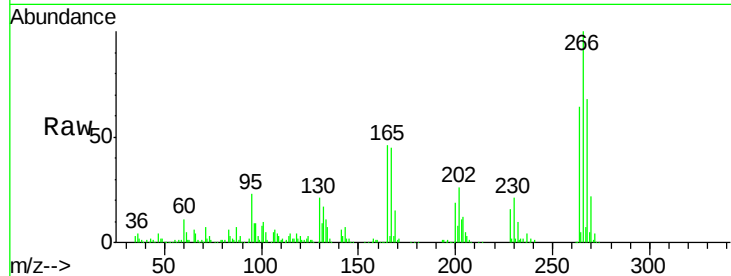
#69
 Pentachlorophenol
 Concen: 43.702 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.3	51.1	76.7
264	64.1	49.5	74.3

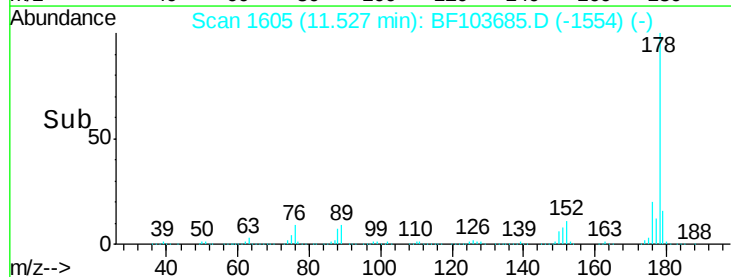
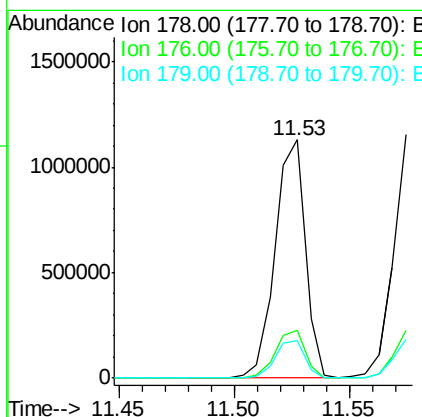
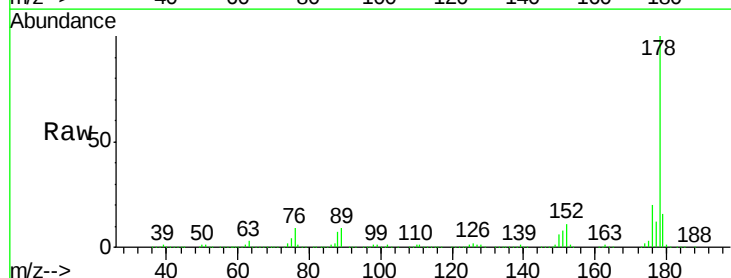
Manual Integrations
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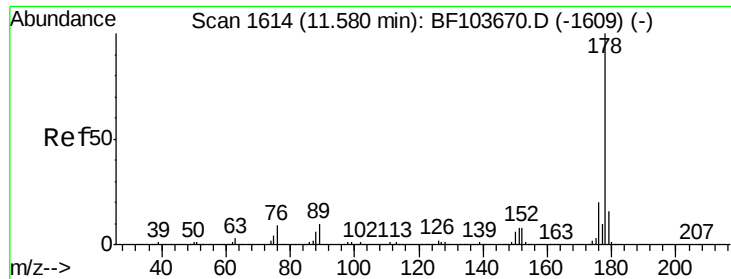
Sohil
 3/19/2018 2:00:33 PM



#70
 Phenanthrene
 Concen: 32.530 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6





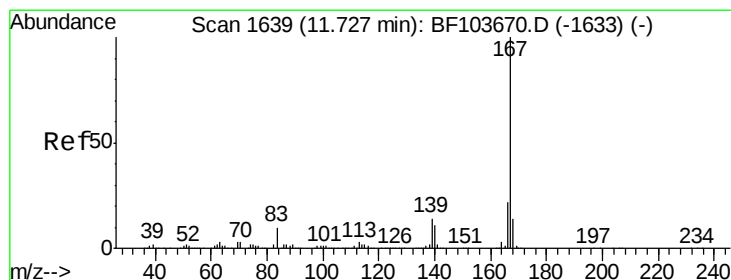
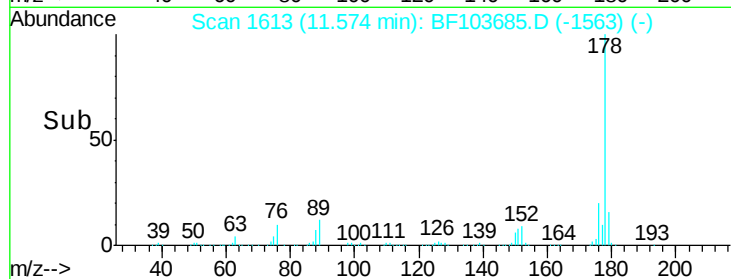
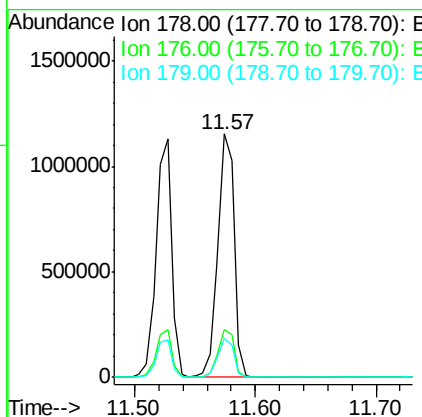
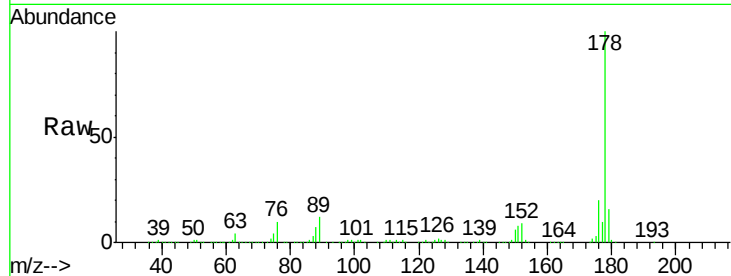
#71
 Anthracene
 Concen: 33.226 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

Tot Ion:178 Resp: 1061184
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.9 12.6 19.0

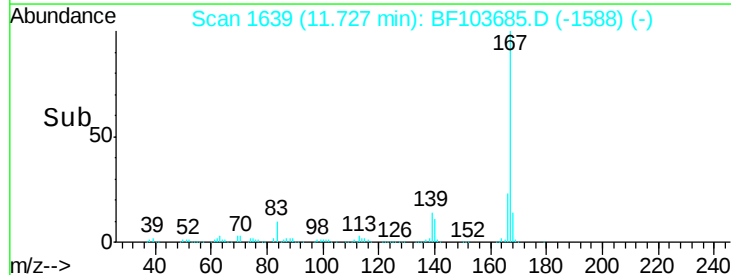
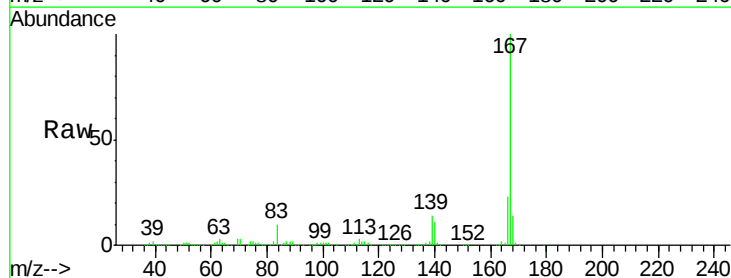
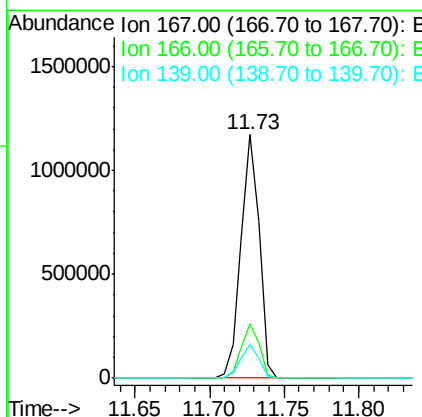
Manual Integrations
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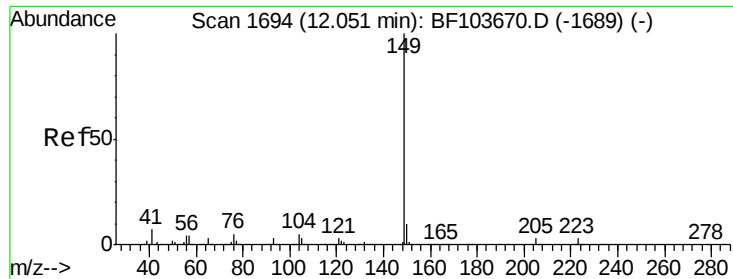
Sohil
 3/19/2018 2:00:33 PM



#72
 Carbazole
 Concen: 32.471 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion:167 Resp: 1007990
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.517 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

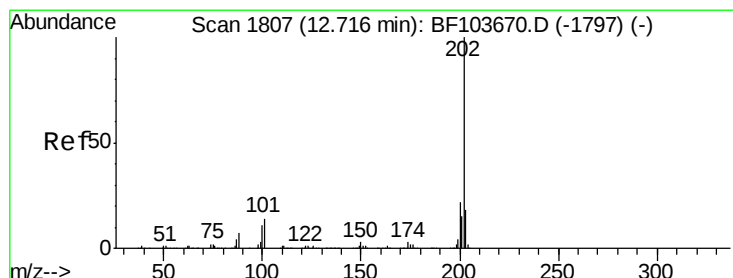
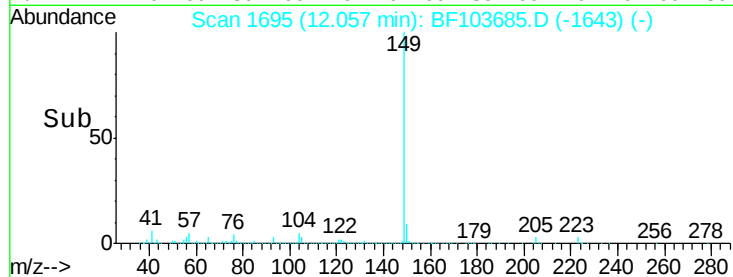
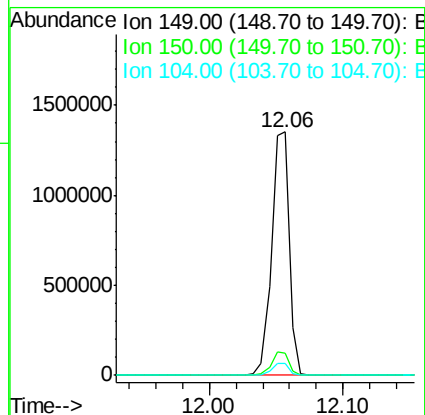
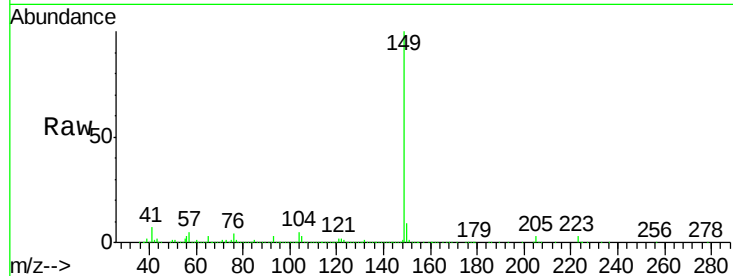
ClientSampleId :

PB107358BS

Tot Ion:	149	Resp:	1248430
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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Sohil
3/19/2018 2:00:33 PM



#74

Fluoranthene

Concen: 33.424 ng

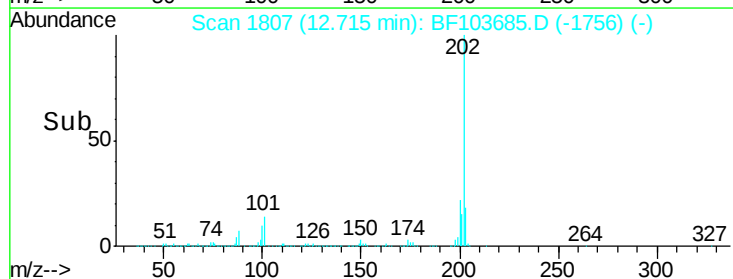
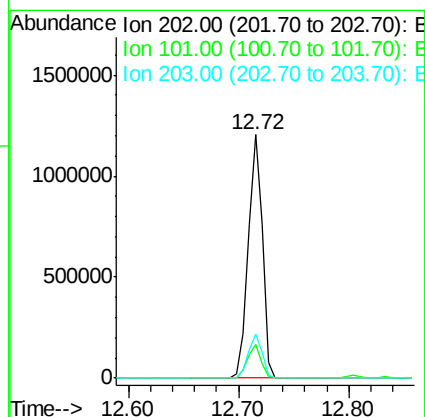
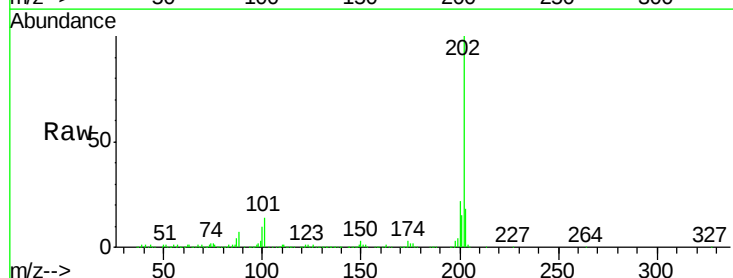
RT: 12.72 min Scan# 1807

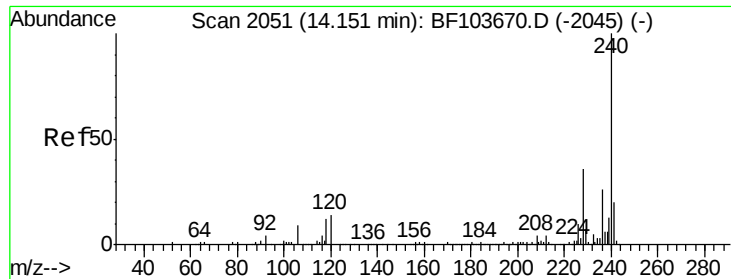
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	202	Resp:	1082800
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

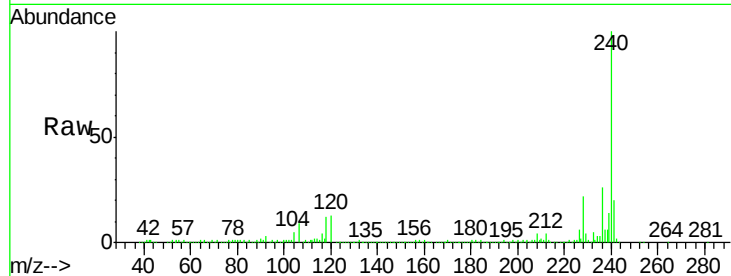
ClientSampleId :

PB107358BS

Tot Ion:	240	Resp:	458594
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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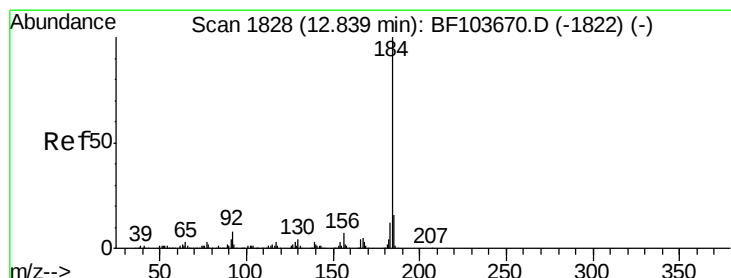
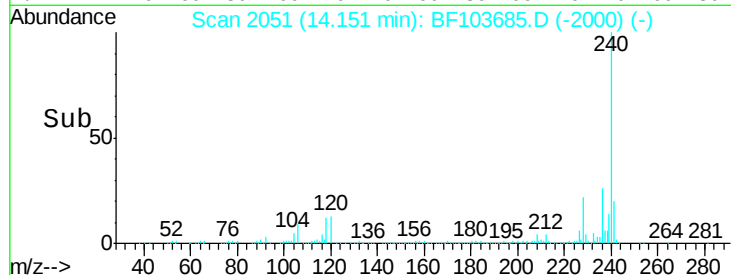
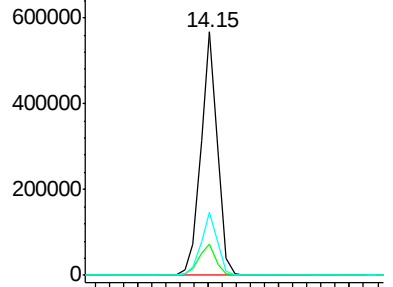
Sohil
3/19/2018 2:00:33 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.442 ng

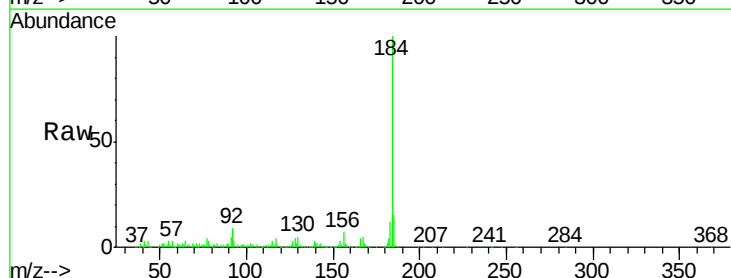
RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

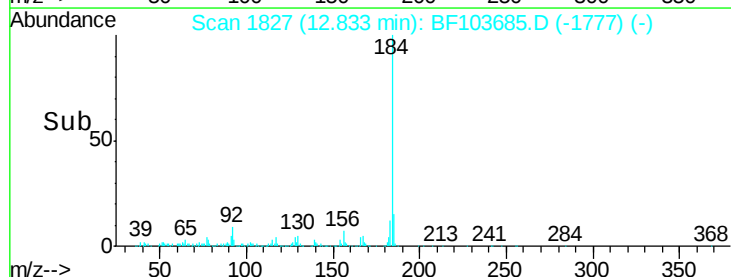
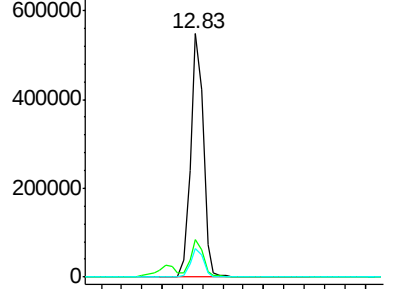
Tgt Ion:	184	Resp:	478068
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	11.8	9.3	13.9

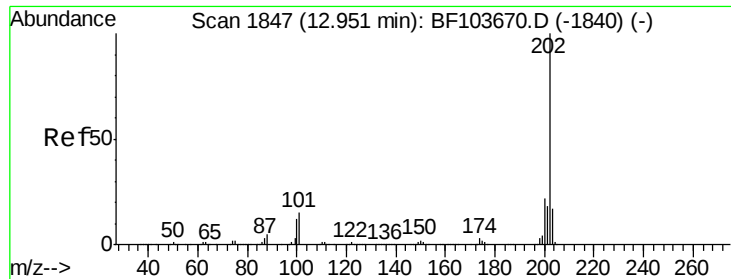


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.708 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

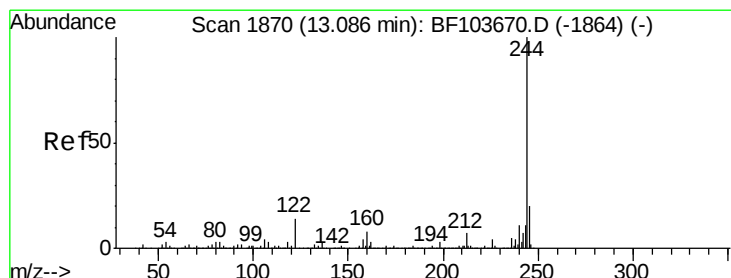
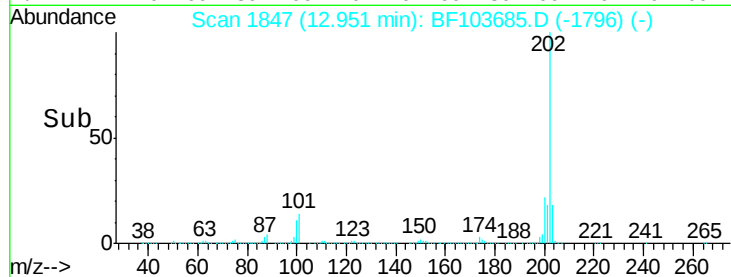
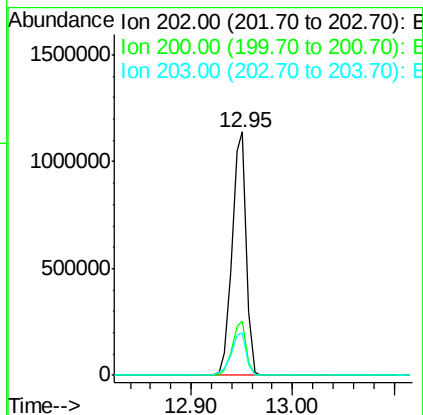
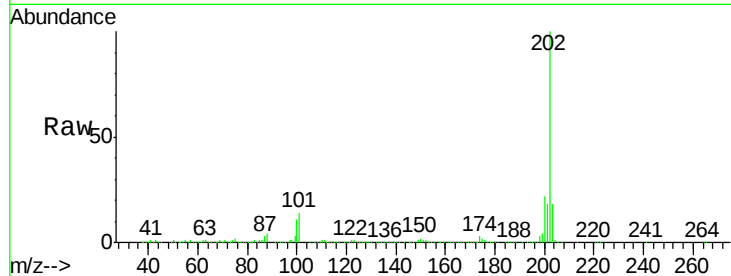
ClientSampleId :

PB107358BS

Tot Ion:	202	Resp:	1101582
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.7	14.3	21.5

Manual Integrations
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3/19/2018 2:00:33 PM



#78

Terphenyl-d14

Concen: 73.876 ng

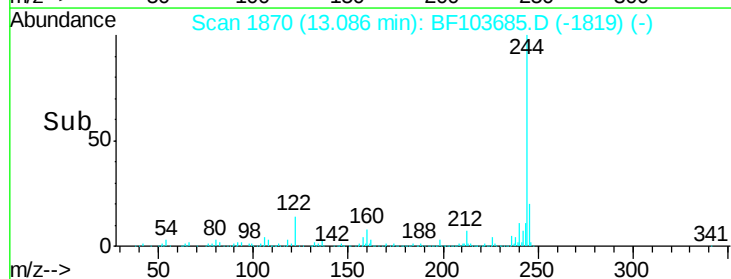
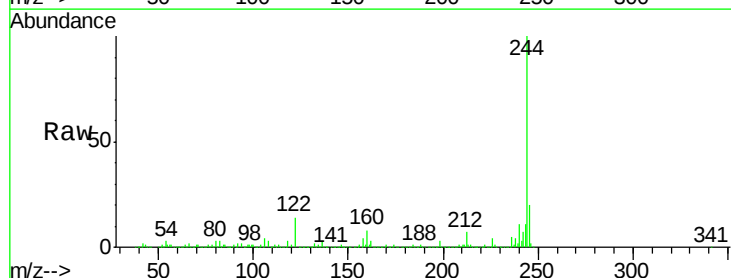
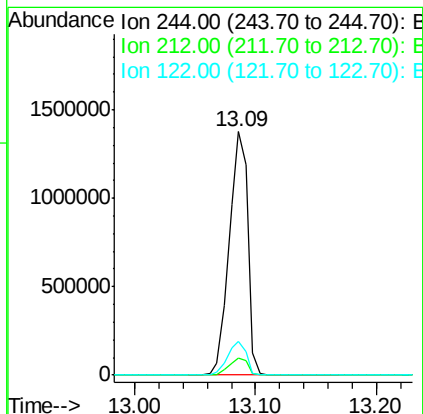
RT: 13.09 min Scan# 1870

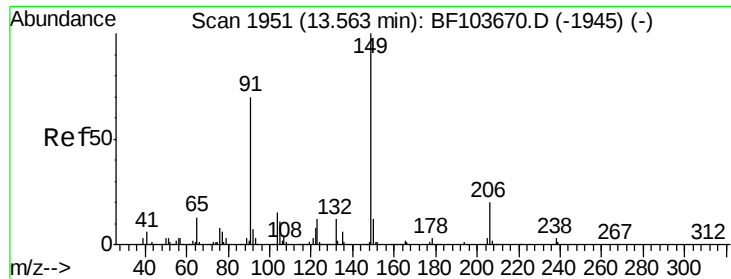
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	244	Resp:	1459587
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.8	11.0	16.4





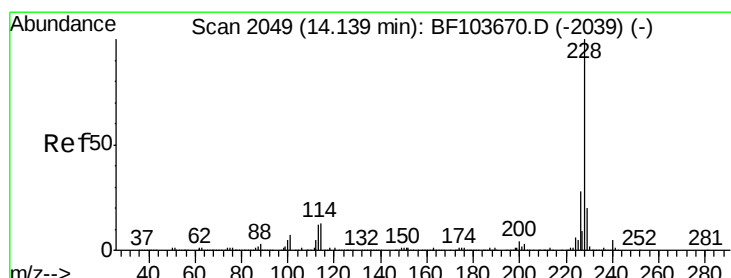
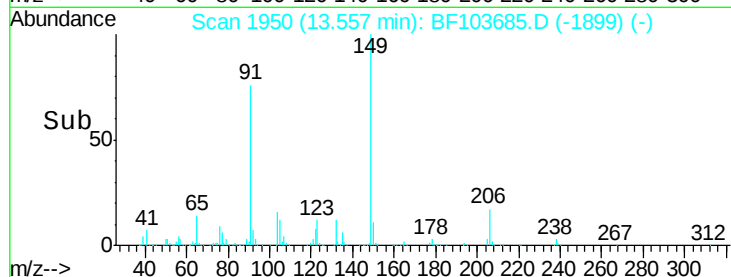
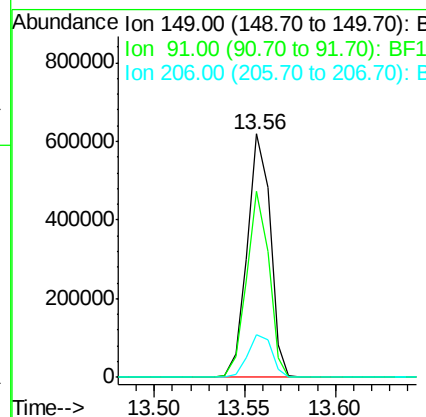
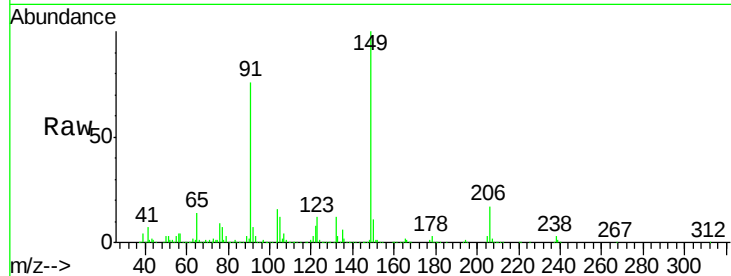
#79
Butylbenzylphthalate
Concen: 36.726 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	548005		
91	76.3	56.8	85.2	
206	17.3	14.1	21.1	

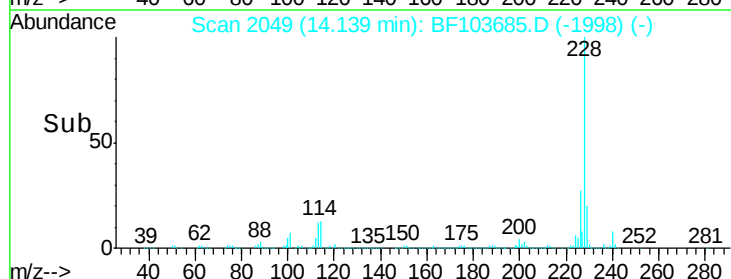
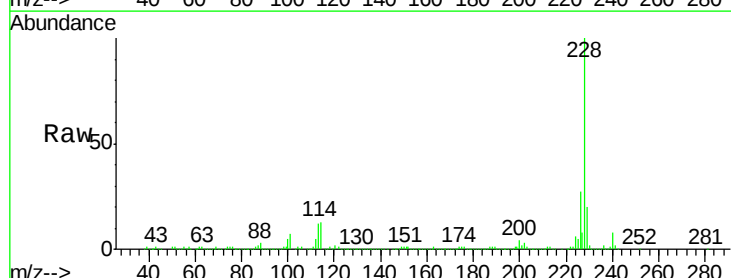
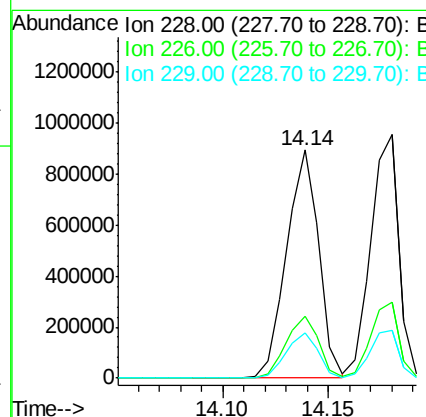
Manual Integrations
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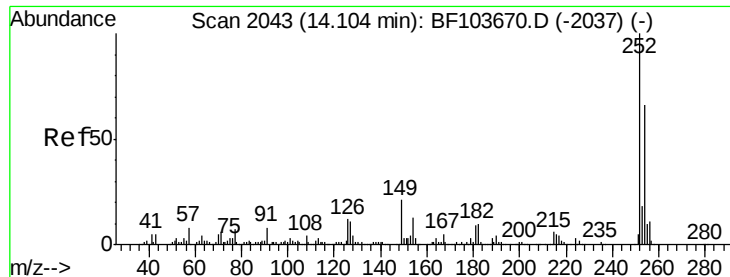
Sohil
3/19/2018 2:00:33 PM



#80
Benzo(a)anthracene
Concen: 32.702 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	949291		
226	27.3	22.6	33.8	
229	20.1	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 8.874 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

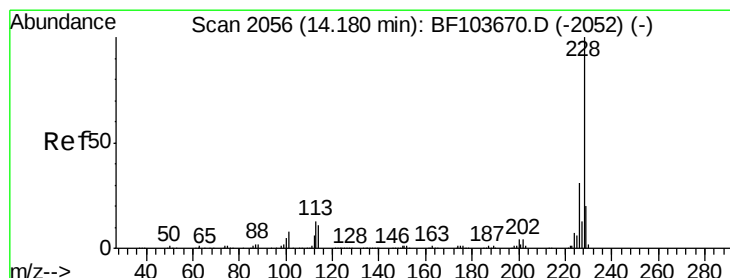
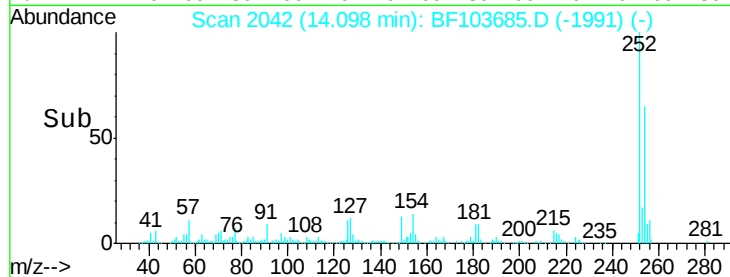
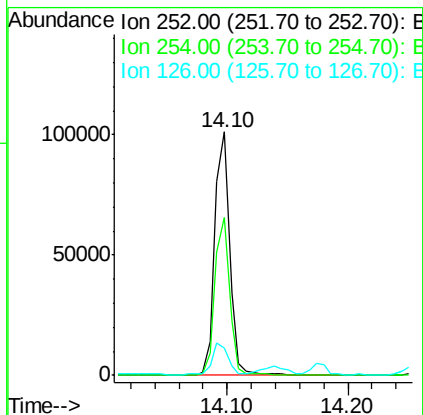
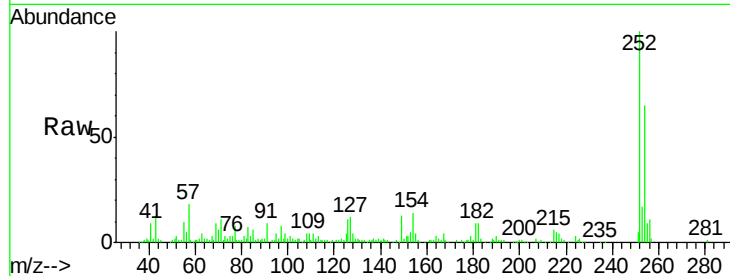
ClientSampleId :

PB107358BS

Tot Ion:	252	Resp:	86171
Ion Ratio	Lower	Upper	
252	100		
254	64.8	50.4	75.6
126	11.4	11.3	16.9

Manual Integrations
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Sohil
3/19/2018 2:00:33 PM



#82

Chrysene

Concen: 32.210 ng

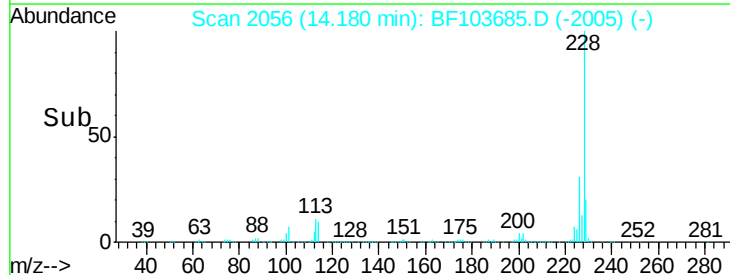
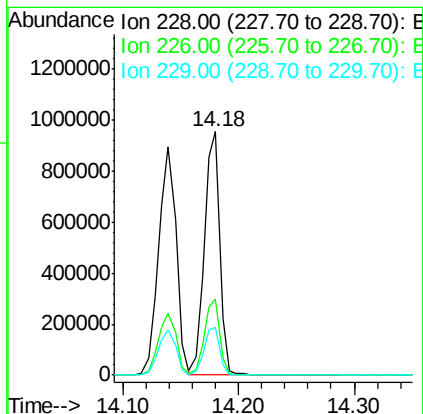
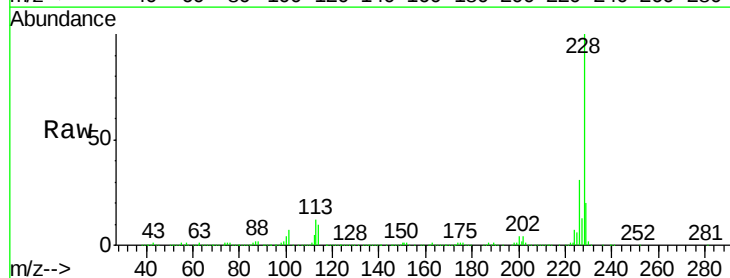
RT: 14.18 min Scan# 2056

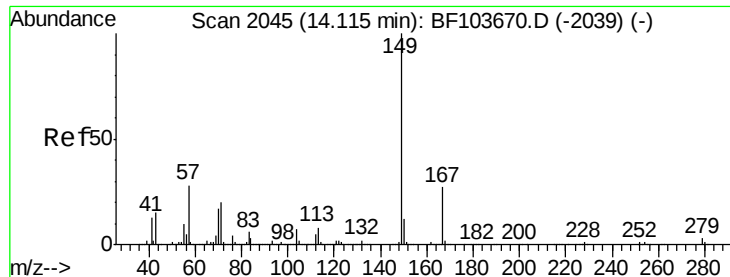
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	228	Resp:	891300
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	19.8	16.2	24.4





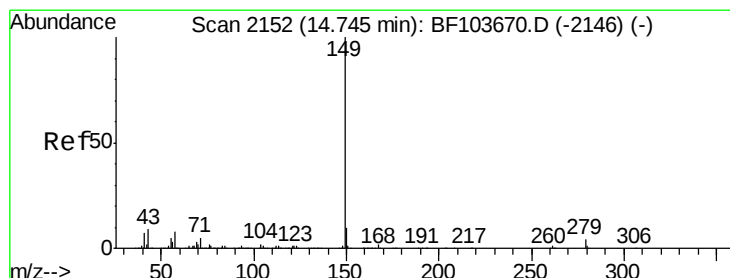
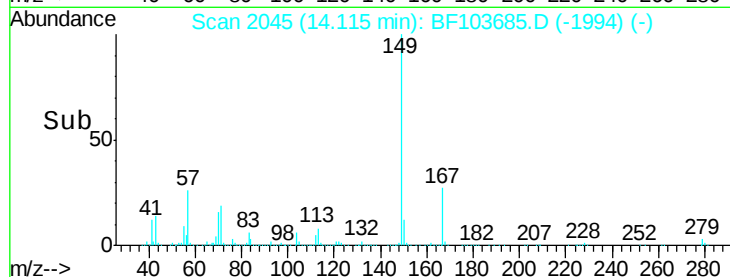
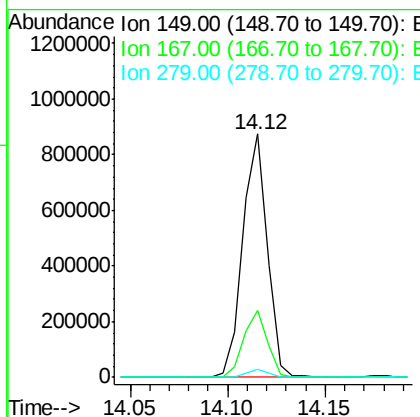
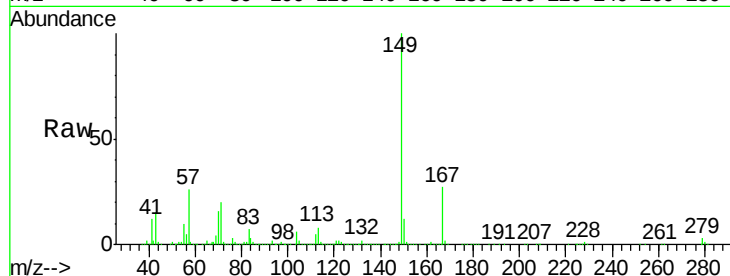
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.534 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.4	3.0	4.4

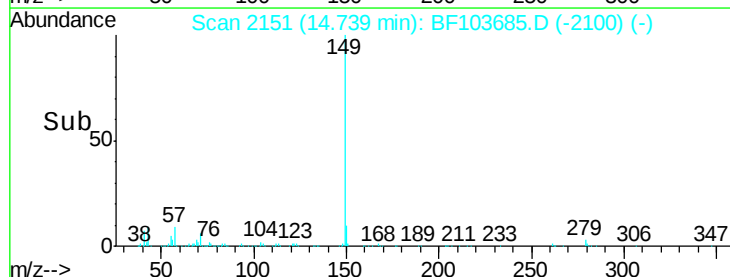
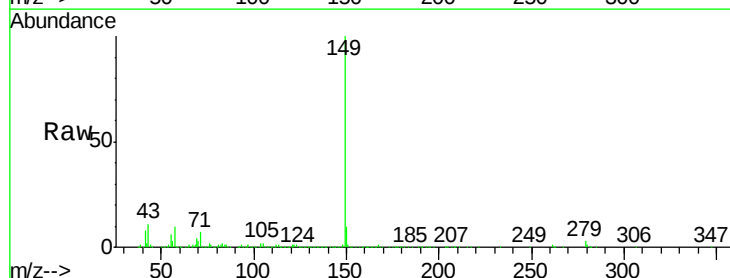
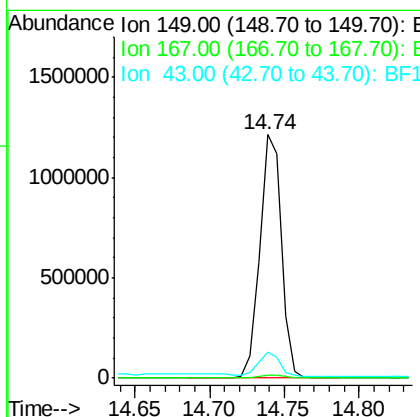
Manual Integrations
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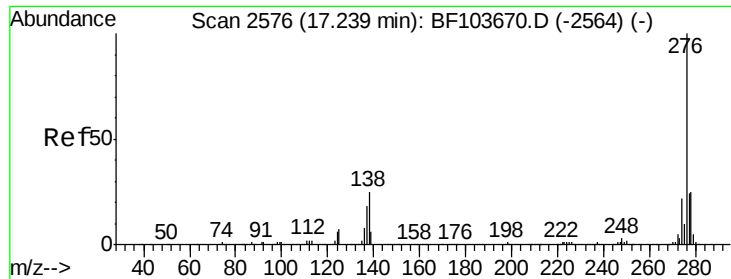
Sohil
 3/19/2018 2:00:33 PM



#84
 Di-n-octyl phthalate
 Concen: 38.562 ng
 RT: 14.74 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.0	8.4	12.6





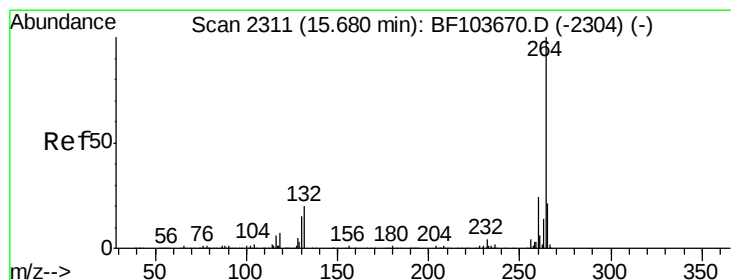
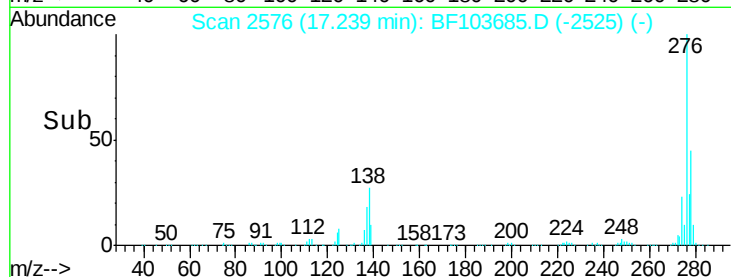
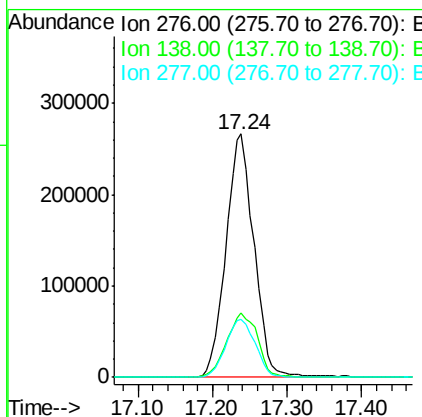
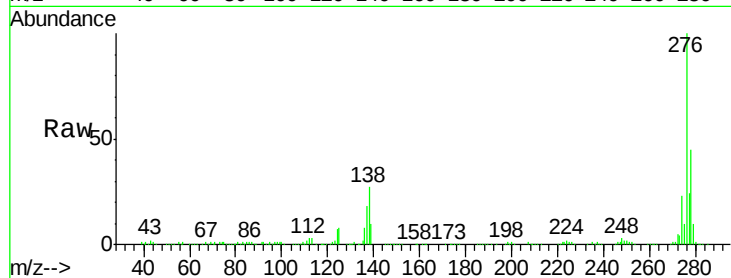
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.786 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	25.0	37.6
277	25.2	20.1	30.1

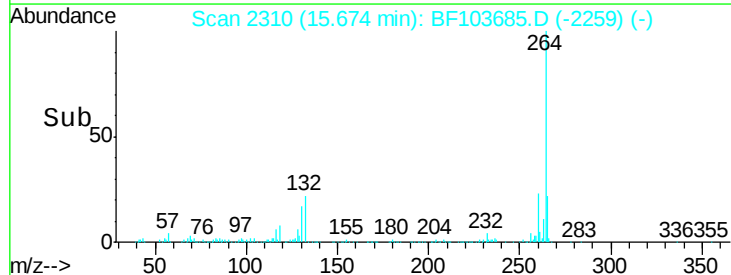
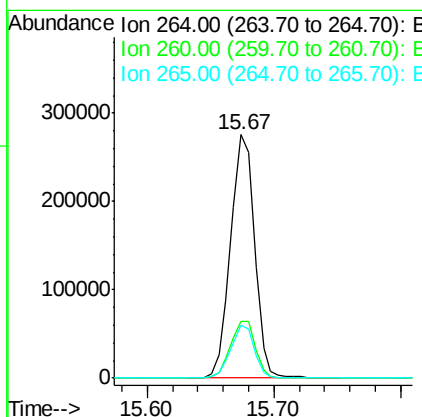
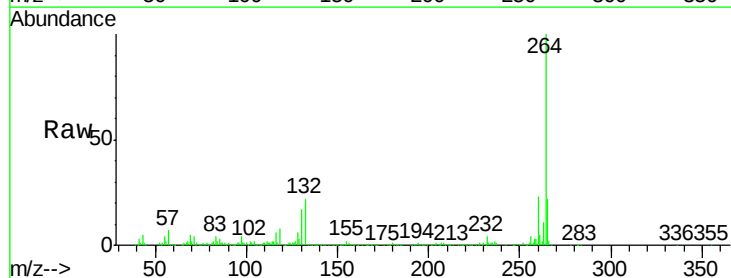
Manual Integrations
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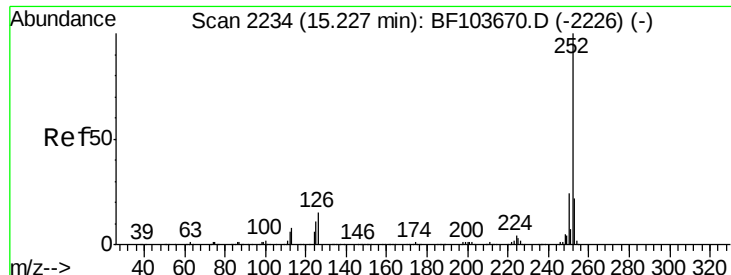
Sohil
3/19/2018 2:00:33 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 35.303 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

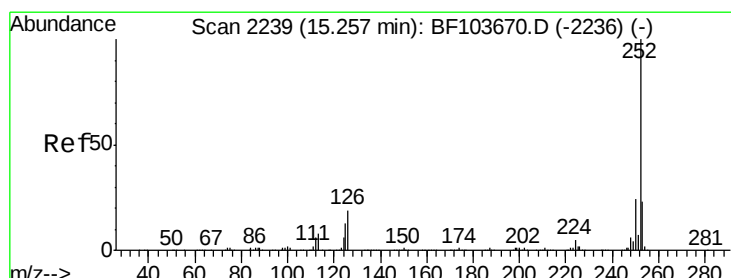
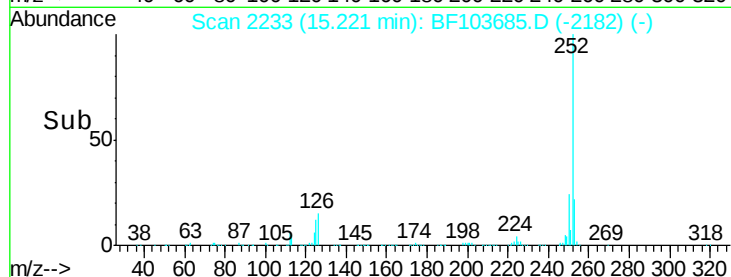
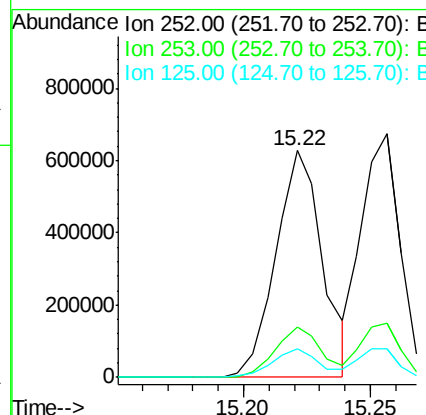
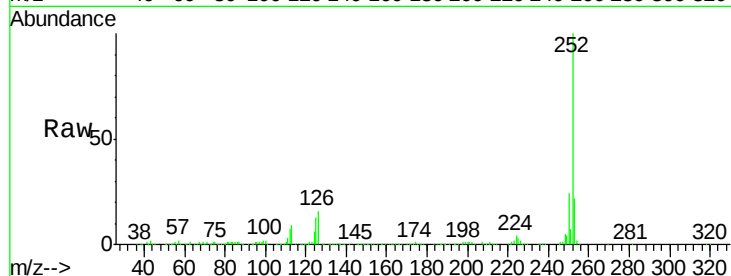
ClientSampleId :

PB107358BS

Tot Ion:	252	Resp:	807394
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	12.6	9.0	13.6

Manual Integrations
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Sohil
3/19/2018 2:00:33 PM



#88

Benzo(k)fluoranthene

Concen: 33.343 ng

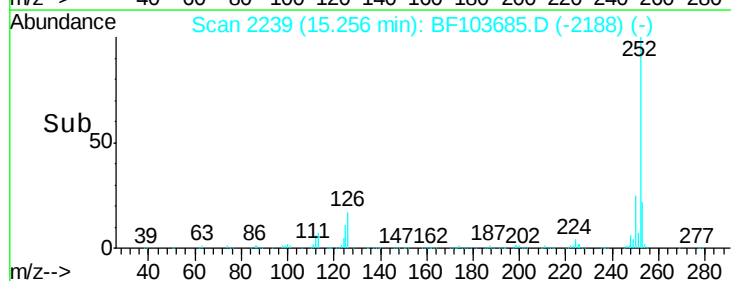
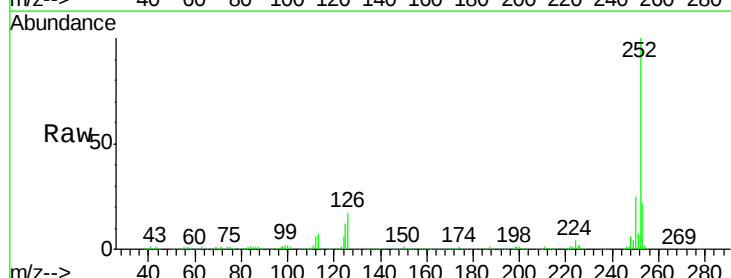
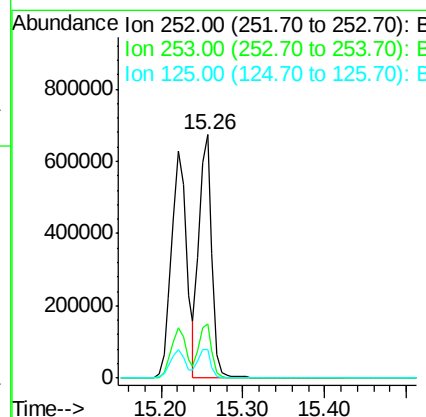
RT: 15.26 min Scan# 2239

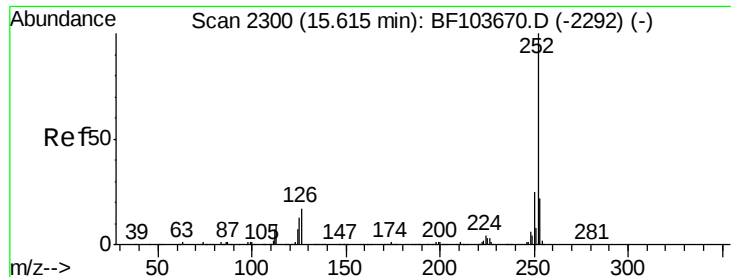
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:	252	Resp:	733023
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	11.8	10.2	15.2





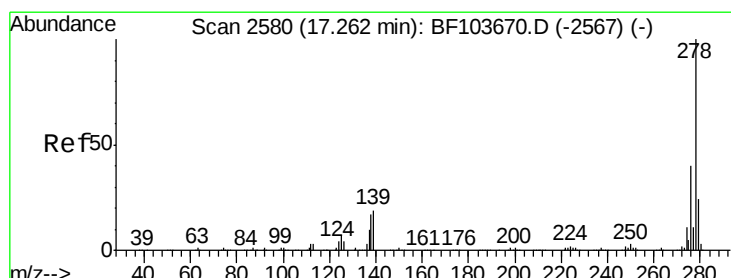
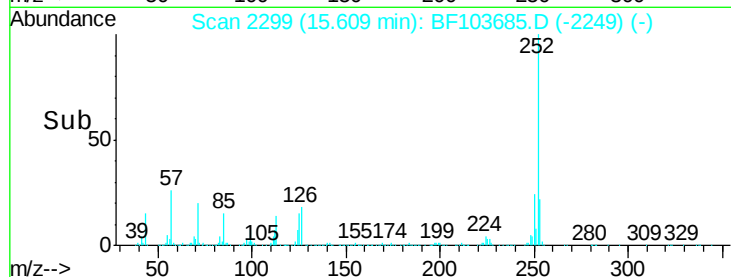
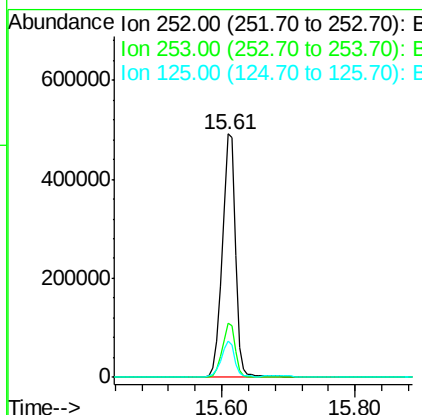
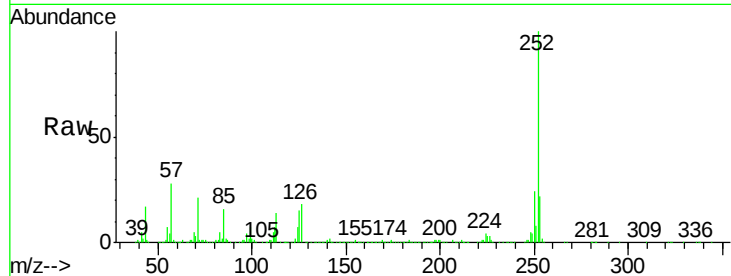
#89
Benzo(a)pyrene
Concen: 33.502 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :
PB107358BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	15.2	9.8	14.6

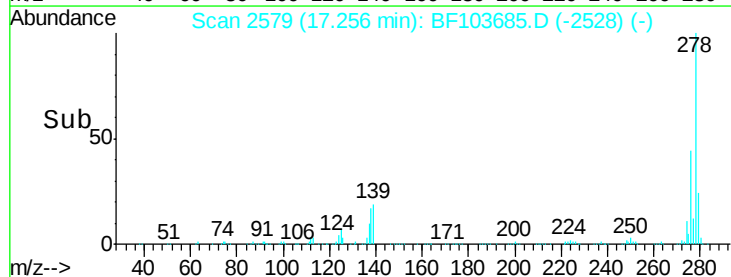
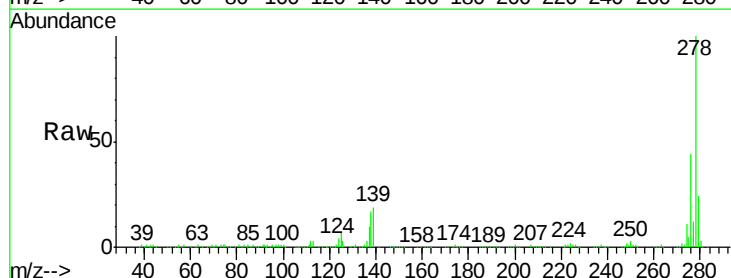
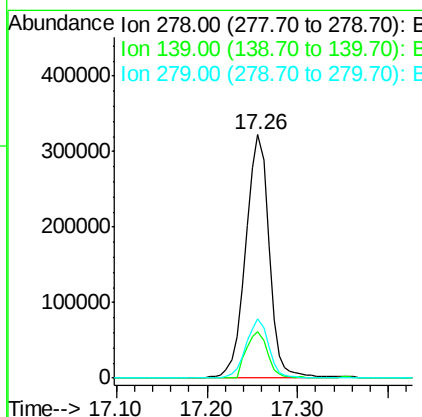
Manual Integrations
APPROVED

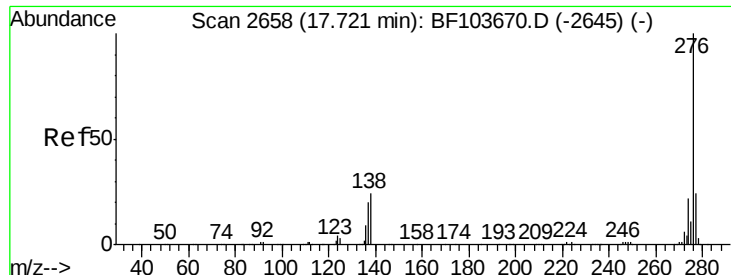
Sohil
3/19/2018 2:00:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.399 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.9	23.9
279	24.5	19.0	28.4





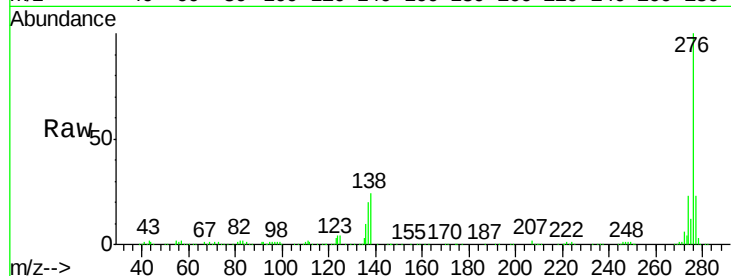
#91
 Benzo(a,h,i)perylene
 Concen: 33.586 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107358BS

Tot Ion:	276	Resp:	586888
Ion Ratio		Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:00:33 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

