

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103687.D
 Acq On : 16 Mar 2018 11:03
 Operator : JU/SJ
 Sample : PB107245BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:00:36 PM

Quant Time: Mar 16 14:17:29 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	160266	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	659103	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	311120	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	566445	20.00	ng	0.00
75) Chrysene-d12	14.15	240	452925	20.00	ng	0.00
86) Perylene-d12	15.67	264	363021	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1153388	109.46	ng	0.01
7) Phenol-d6	6.59	99	1422658	110.36	ng	0.00
23) Nitrobenzene-d5	7.53	82	866929	91.72	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	334320	124.98	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1488321	76.31	ng	0.00
78) Terphenyl-d14	13.09	244	1532576	78.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	173868	33.511	ng	93
3) Pyridine	3.66	79	481973	33.773	ng	90
4) n-Nitrosodimethylamine	3.62	42	209865	39.884	ng	87
6) Aniline	6.63	93	307479	16.704	ng	98
8) 2-Chlorophenol	6.75	128	439713	39.836	ng	98
9) Benzaldehyde	6.52	77	199889	23.602	ng	99
10) Phenol	6.60	94	530540	38.730	ng	99
11) bis(2-Chloroethyl)ether	6.70	93	422067	37.324	ng	99
12) 1,3-Dichlorobenzene	6.91	146	448761	35.696	ng	100
13) 1,4-Dichlorobenzene	6.99	146	455050	36.021	ng	99
14) 1,2-Dichlorobenzene	7.14	146	420629	35.882	ng	98
15) Benzyl Alcohol	7.10	79	388031	38.849	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	588864	36.612	ng	96
17) 2-Methylphenol	7.21	107	370224	37.664	ng	99
18) Hexachloroethane	7.48	117	169861	38.225	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	302848	36.658	ng	96
20) 3+4-Methylphenols	7.36	107	465161	37.289	ng	99
22) Acetophenone	7.37	105	599158	35.371	ng	# 95
24) Nitrobenzene	7.55	77	467532	42.135	ng	96
25) Isophorone	7.79	82	865522	39.559	ng	99
26) 2-Nitrophenol	7.86	139	209055	49.221	ng	99
27) 2,4-Dimethylphenol	7.89	122	418877	44.689	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	546461	41.246	ng	99
29) 2,4-Dichlorophenol	8.10	162	359479	42.155	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	359264	36.324	ng	99
31) Naphthalene	8.27	128	1232217	37.010	ng	100
32) Benzoic acid	7.92	122	13046m	11.471	ng	
33) 4-Chloroaniline	8.31	127	157816	11.298	ng	99
34) Hexachlorobutadiene	8.39	225	194072	35.788	ng	99
35) Caprolactam	8.68	113	109540m	37.304	ng	
36) 4-Chloro-3-methylphenol	8.79	107	392355	41.736	ng	99
37) 2-Methylnaphthalene	8.96	142	811639	38.441	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	323317	36.426	ng	98
40) Hexachlorocyclopentadiene	9.12	237	392404	85.678	ng	97

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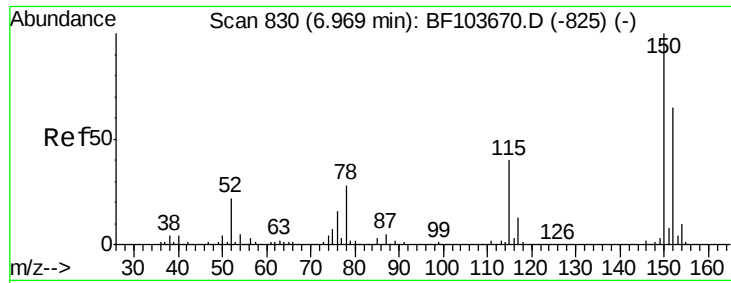
Manual Integrations
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 3/19/2018 2:00:36 PM

Quant Time: Mar 16 14:17:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	248651	43.798	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	259485	40.495	ng	97
45) 1,1'-Biphenyl	9.43	154	944819	36.419	ng	99
46) 2-Chloronaphthalene	9.45	162	766029	37.176	ng	100
47) 2-Nitroaniline	9.55	65	241297	45.224	ng	95
48) Acenaphthylene	9.87	152	1173988	36.742	ng	99
49) Dimethylphthalate	9.73	163	906638	38.195	ng	99
50) 2,6-Dinitrotoluene	9.79	165	197935	43.512	ng	95
51) Acenaphthene	10.05	154	702373	37.021	ng	98
52) 3-Nitroaniline	9.96	138	119771	23.849	ng	96
53) 2,4-Dinitrophenol	10.06	184	25802	33.986	ng	# 33
54) Dibenzofuran	10.22	168	1053667	38.885	ng	98
55) 4-Nitrophenol	10.11	139	362041	83.103	ng	100
56) 2,4-Dinitrotoluene	10.19	165	269753	46.582	ng	98
57) Fluorene	10.56	166	794803	37.800	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	197251	43.443	ng	98
59) Diethylphthalate	10.43	149	900875	38.238	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	364127	37.893	ng	99
61) 4-Nitroaniline	10.57	138	225427	42.986	ng	97
62) Azobenzene	10.71	77	925786	38.651	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	39612	26.412	ng	83
65) n-Nitrosodiphenylamine	10.67	169	738622	38.309	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	225928	38.847	ng	95
67) Hexachlorobenzene	11.10	284	249258	37.551	ng	97
68) Atrazine	11.19	200	239009	40.073	ng	98
69) Pentachlorophenol	11.30	266	187898	49.236	ng	98
70) Phenanthrene	11.53	178	1167796	37.688	ng	99
71) Anthracene	11.57	178	1218945	38.732	ng	99
72) Carbazole	11.73	167	1145859	37.461	ng	99
73) Di-n-butylphthalate	12.05	149	1461626	39.824	ng	100
74) Fluoranthene	12.72	202	1248881	39.122	ng	100
76) Benzidine	12.83	184	451957	23.396	ng	99
77) Pyrene	12.95	202	1272395	38.253	ng	100
79) Butylbenzylphthalate	13.56	149	628827	42.670	ng	96
80) Benzo(a)anthracene	14.14	228	1112112	38.790	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	119279	12.438	ng	97
82) Chrysene	14.17	228	1041998	38.127	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	860658	40.880	ng	99
84) Di-n-octyl phthalate	14.74	149	1376486	44.941	ng	98
85) Indeno(1,2,3-cd)pyrene	17.23	276	800512	33.541	ng	97
87) Benzo(b)fluoranthene	15.22	252	978256	42.654	ng	98
88) Benzo(k)fluoranthene	15.26	252	872027	39.554	ng	99
89) Benzo(a)pyrene	15.61	252	865324	41.598	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	673254	37.377	ng	99
91) Benzo(g,h,i)perylene	17.72	276	659461	37.633	ng	96

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



#1

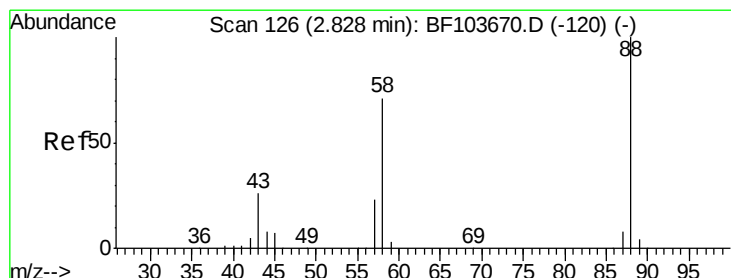
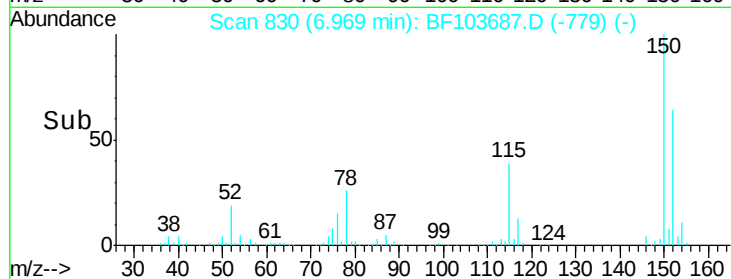
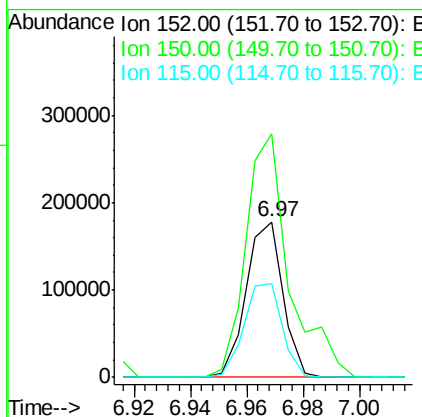
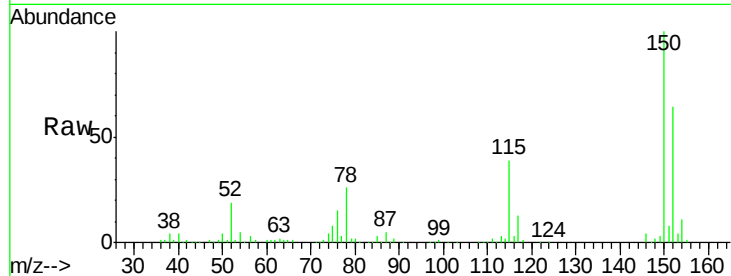
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.5	50.1	75.1

Manual Integrations
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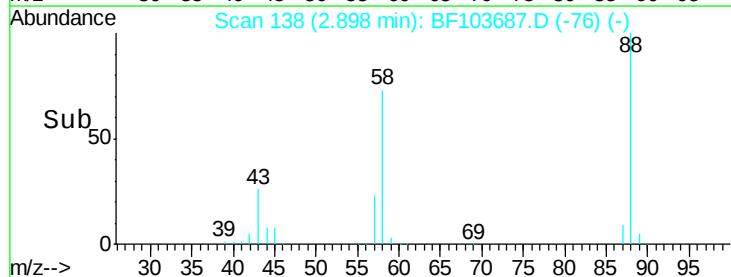
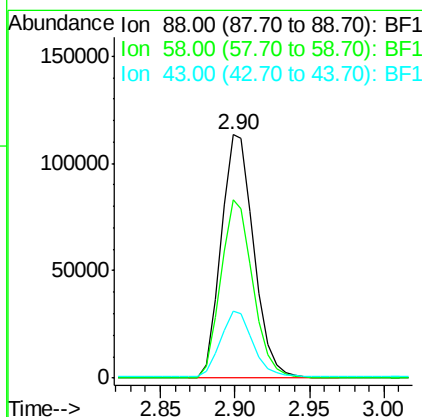
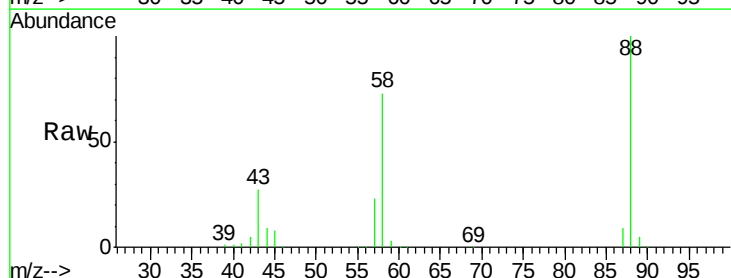
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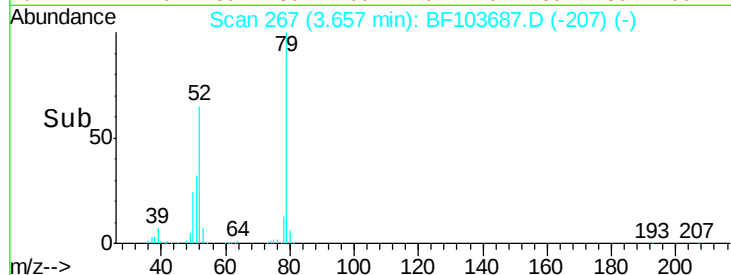
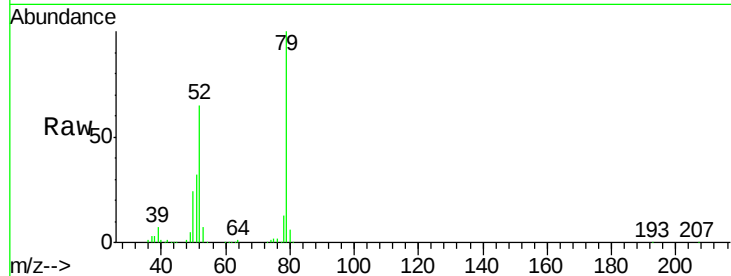
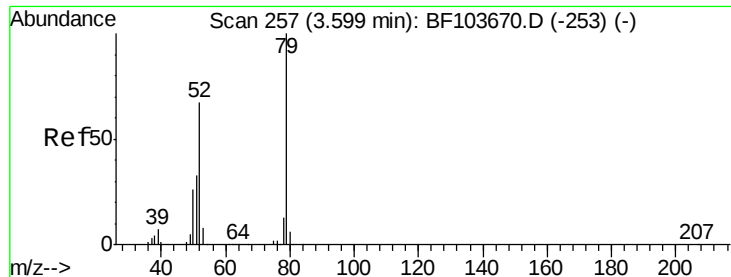


#2

1,4-Dioxane
Concen: 33.511 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.06 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	62.6	93.8
43	26.4	24.6	37.0





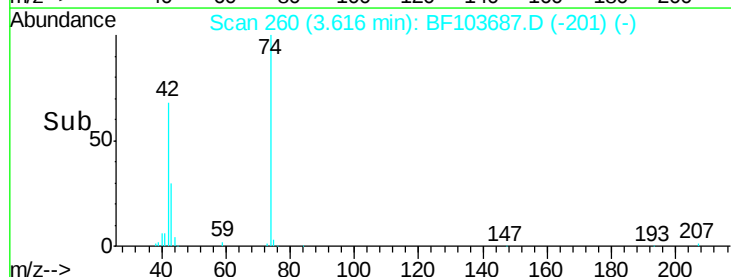
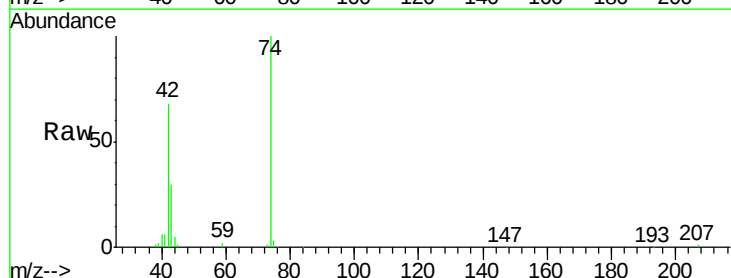
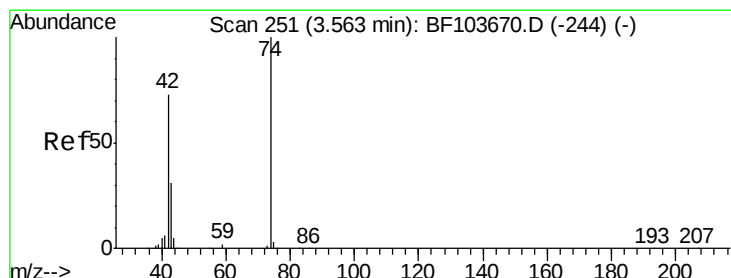
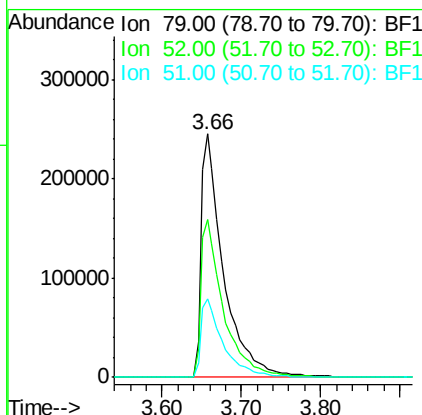
#3
 Pvridine
 Concen: 33.773 ng
 RT: 3.66 min Scan# 267
 Delta R.T. 0.05 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	481973		
52	52	65.1		59.8	89.6
51	51	32.5		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

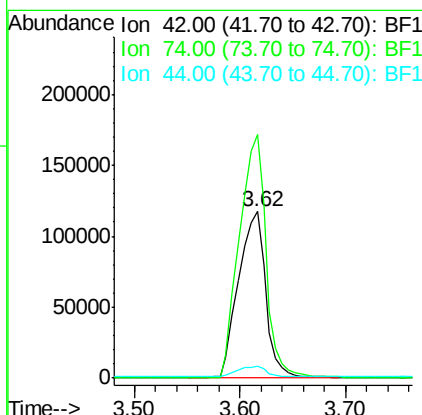
Manual Integrations
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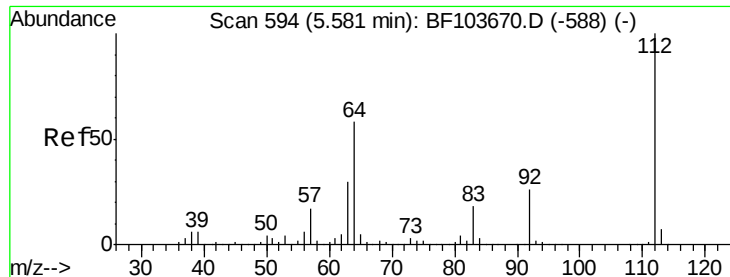
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#4
 n-Nitrosodimethylamine
 Concen: 39.884 ng
 RT: 3.62 min Scan# 260
 Delta R.T. 0.05 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	209865		
74	74	146.5		104.9	157.3
44	44	7.4		6.9	10.3





#5

2-Fluorophenol

Concen: 109.462 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

PB107245BS

Tot Ion: 112 Resp: 1153388

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

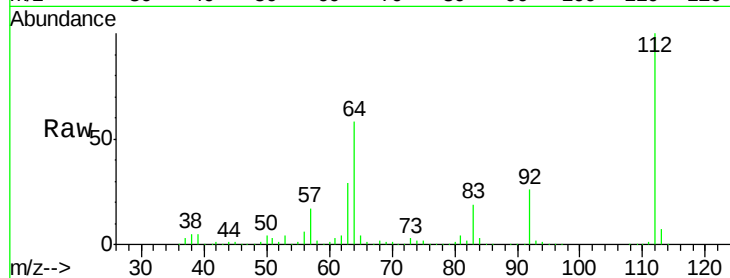
63 29.3 23.7 35.5

Manual Integrations

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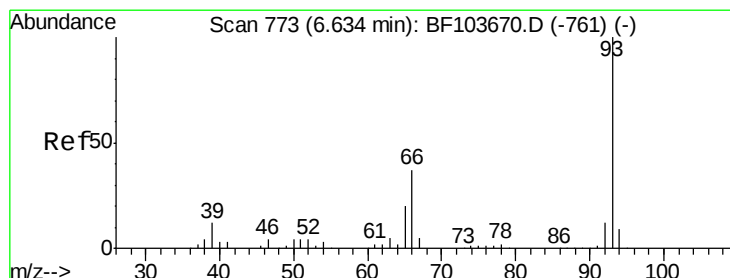
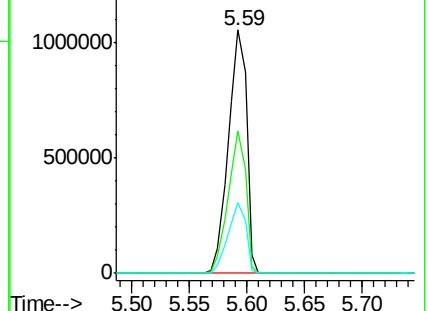
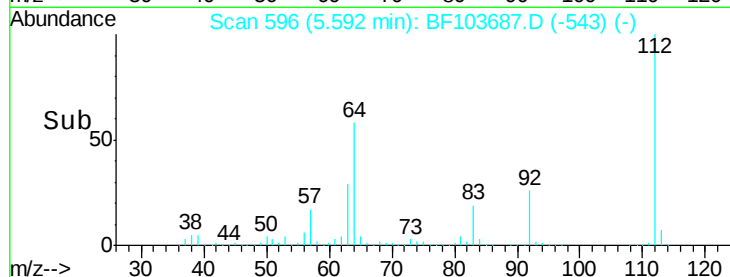
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.704 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

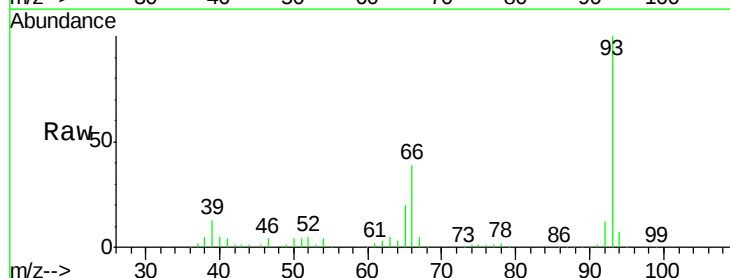
Tgt Ion: 93 Resp: 307479

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

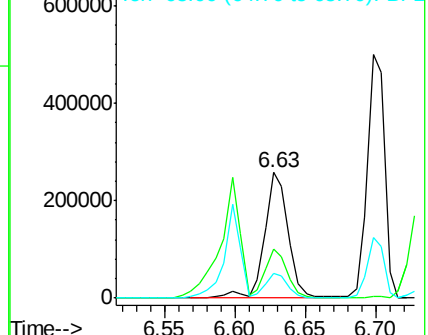
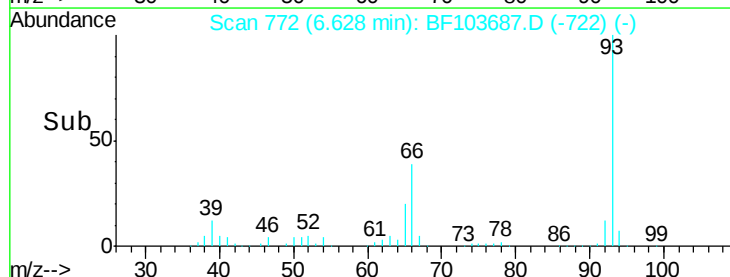
65 20.1 16.4 24.6

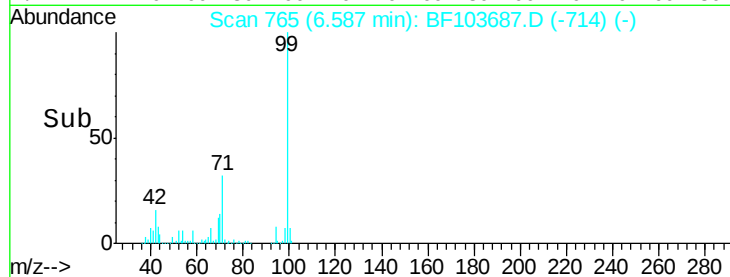
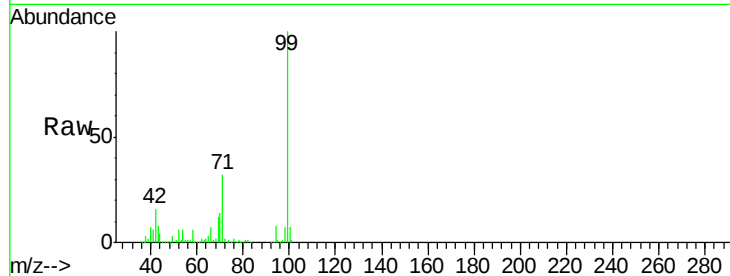
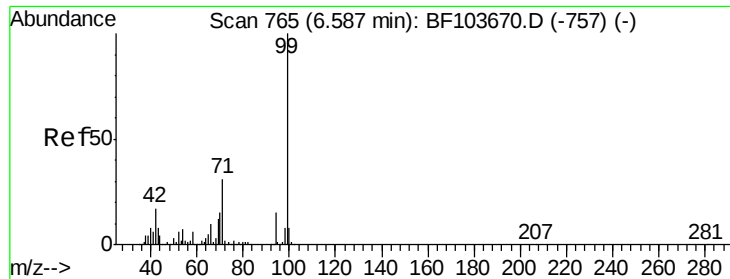


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.359 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tot Ion:	99	Resp:	1422658
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	31.9	25.4	38.0

Instrument :

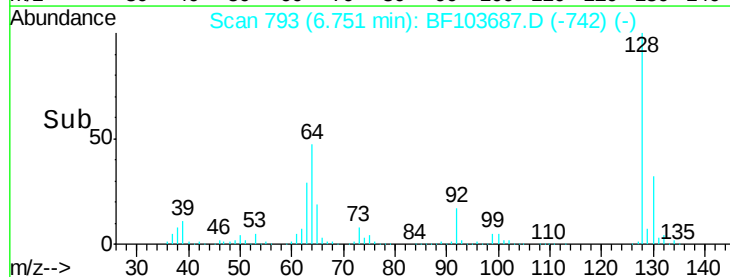
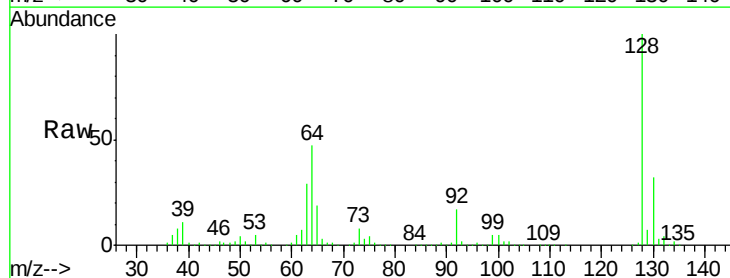
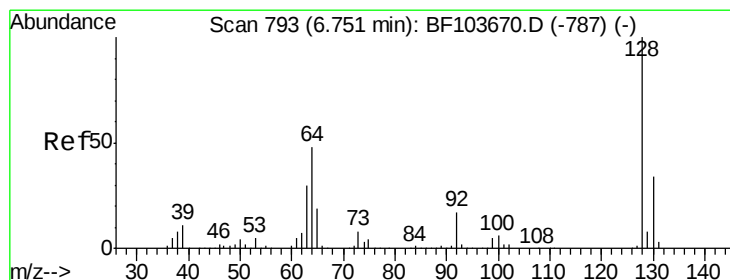
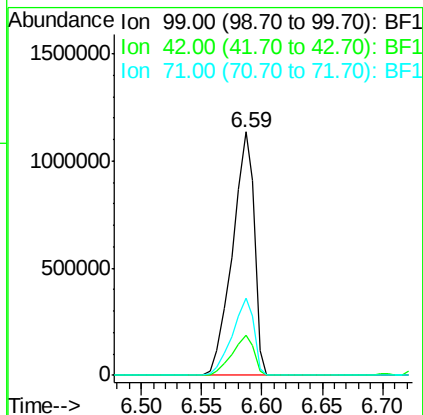
BNA_F

ClientSampleId :

PB107245BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.836 ng

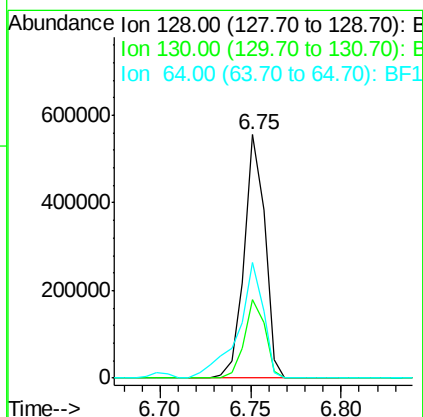
RT: 6.75 min Scan# 793

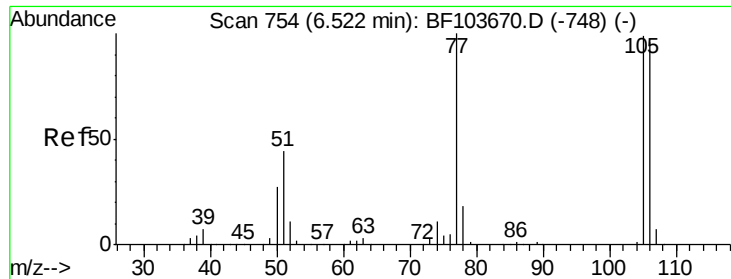
Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:	128	Resp:	439713
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	47.3	29.4	69.4





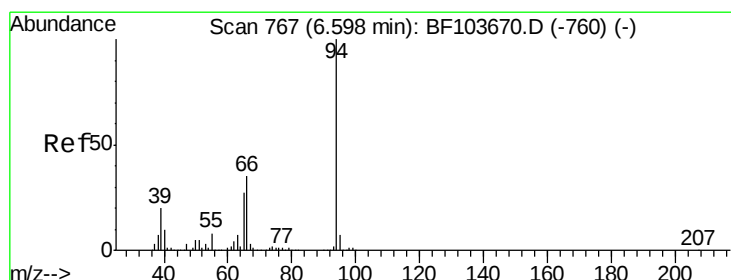
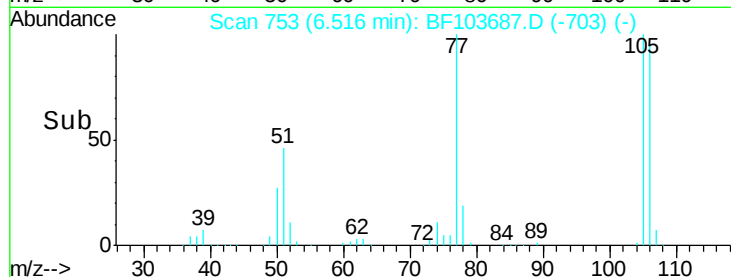
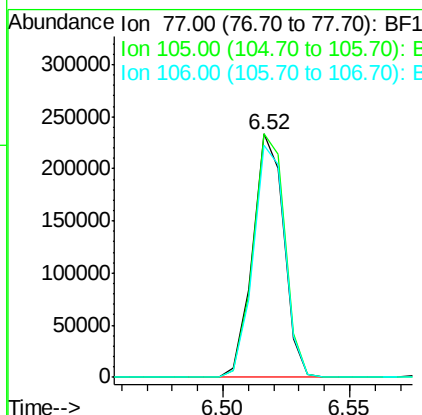
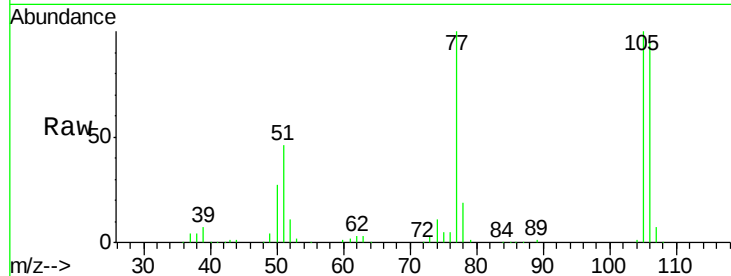
#9
Benzaldehyde
Concen: 23.602 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.2	81.1	121.1		
106	95.6	74.5	114.5		

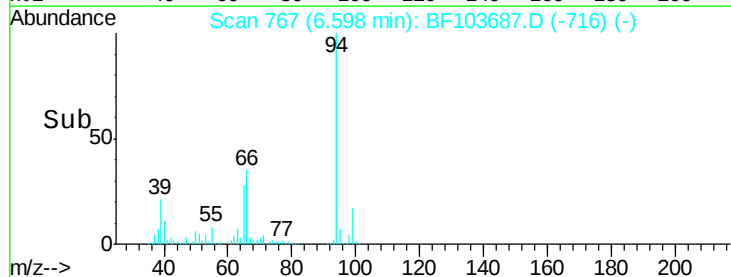
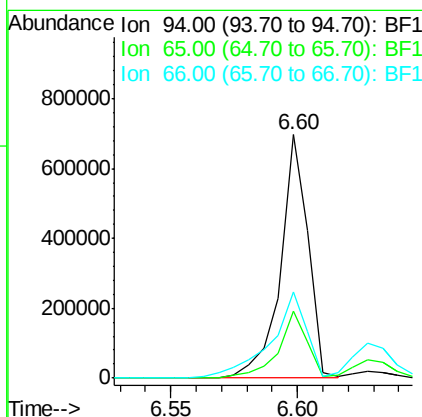
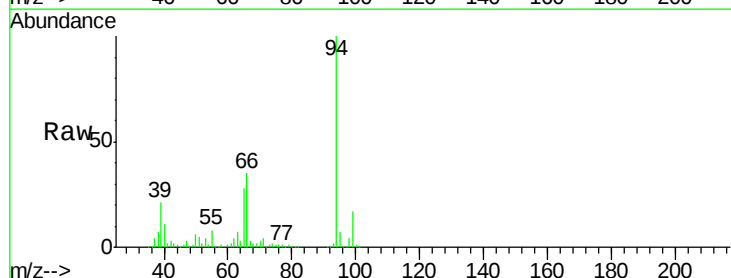
Manual Integrations
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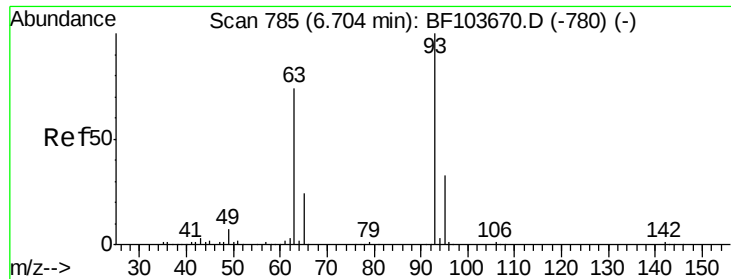
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3/19/2018 2:00:36 PM



#10
Phenol
Concen: 38.730 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.5	7.9	47.9		
66	35.4	16.2	56.2		





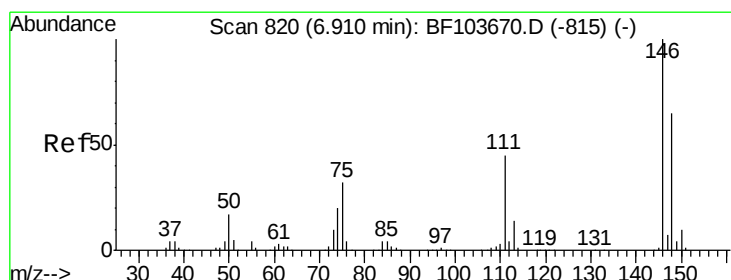
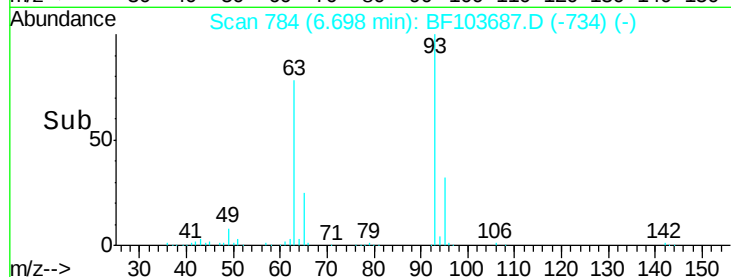
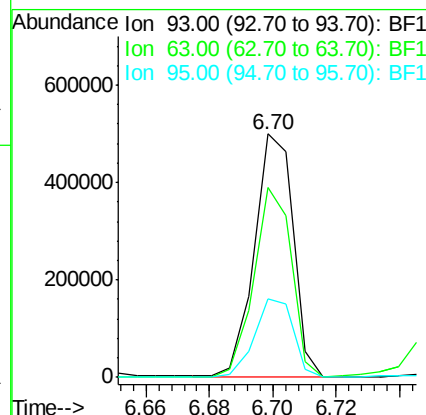
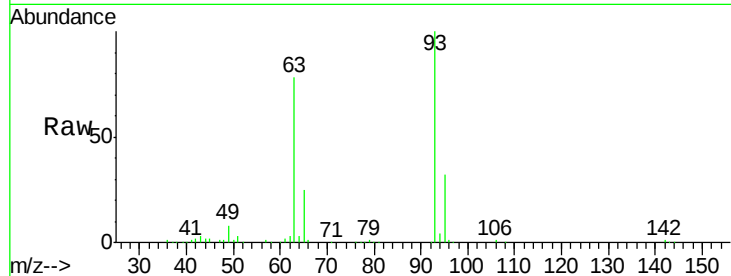
#11
bis(2-Chloroethyl)ether
Concen: 37.324 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	58.6	98.6
95	32.4	11.8	51.8

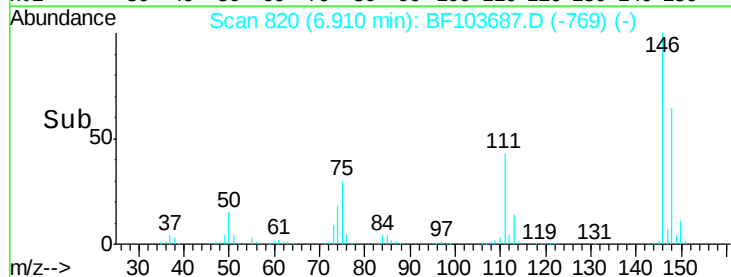
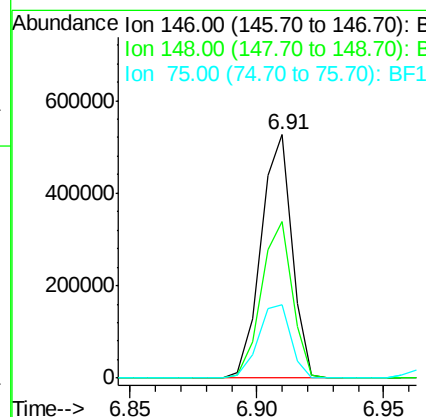
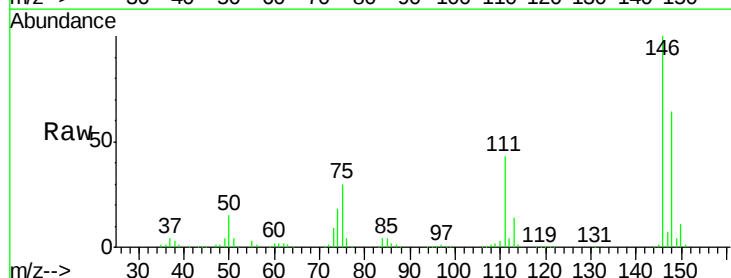
Manual Integrations
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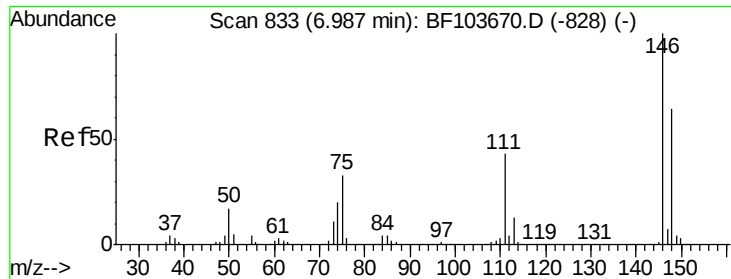
Sohil
3/19/2018 2:00:36 PM



#12
1,3-Dichlorobenzene
Concen: 35.696 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	30.4	24.2	36.4





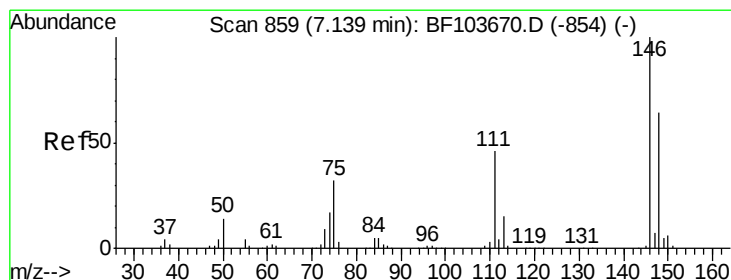
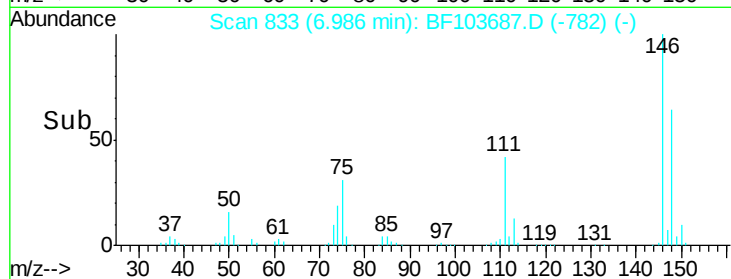
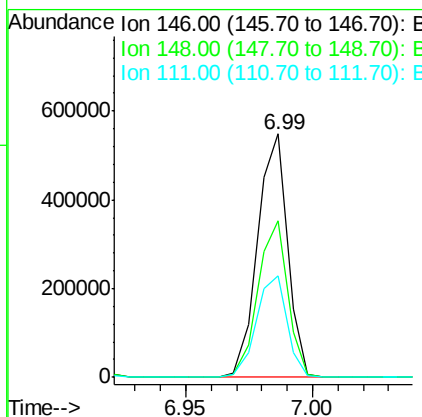
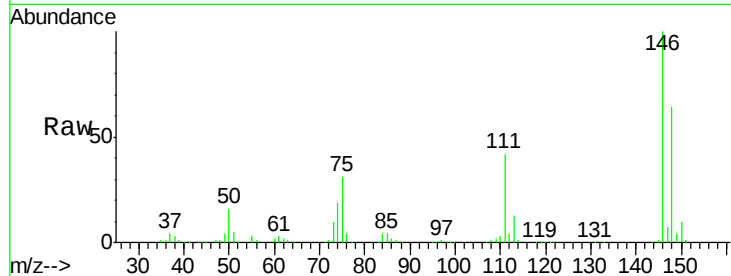
#13
 1,4-Dichlorobenzene
 Concen: 36.021 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	41.9	34.2	51.2

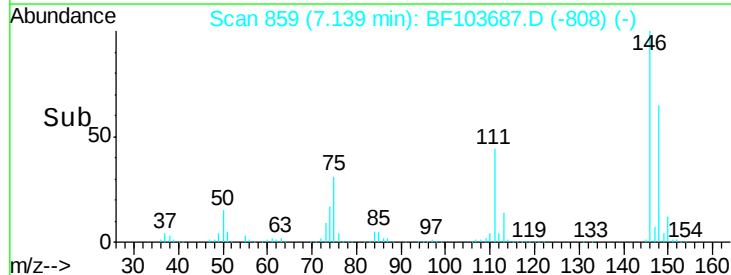
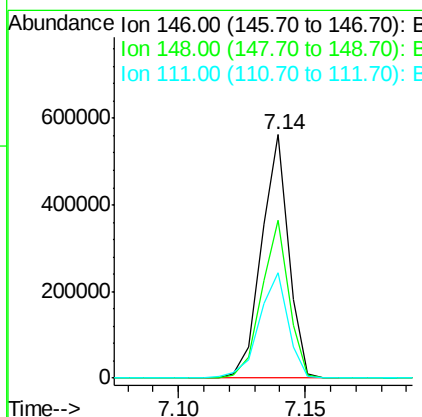
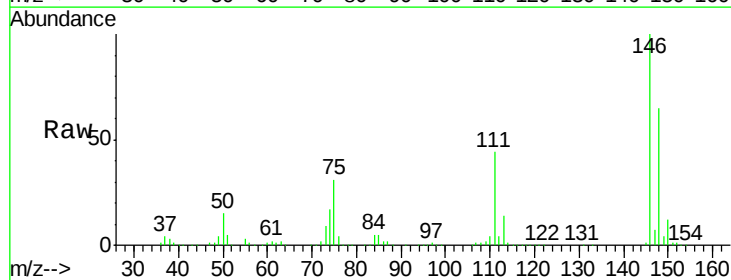
Manual Integrations
 APPROVED

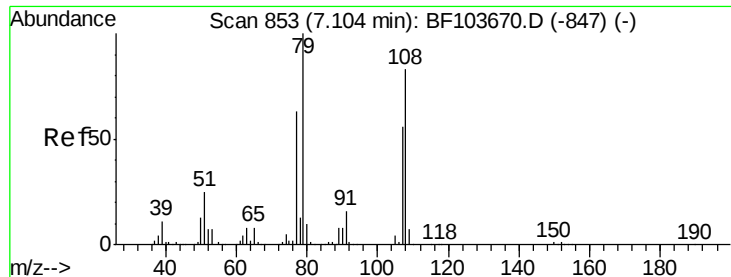
Sohil
 3/19/2018 2:00:36 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.882 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	43.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.849 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

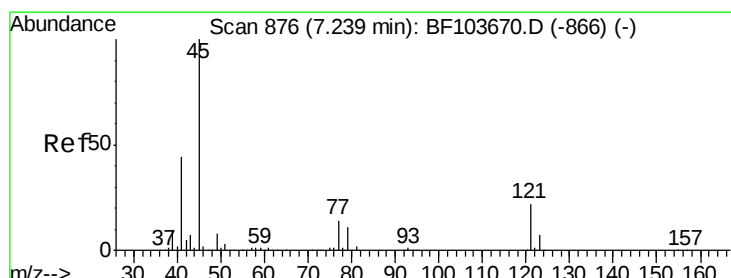
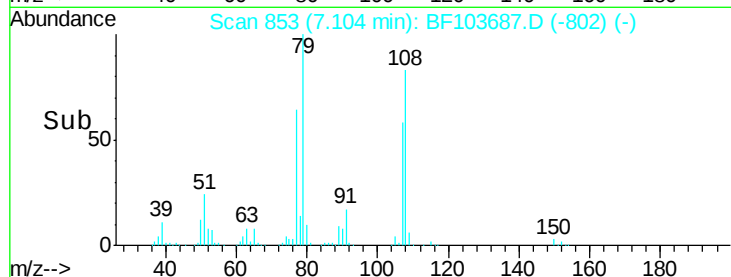
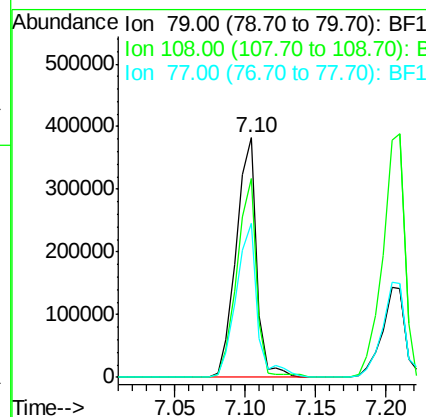
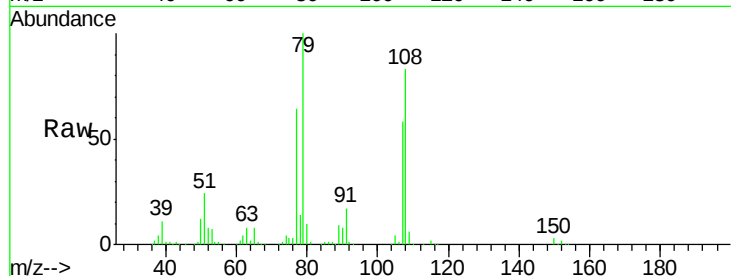
ClientSampled :

PB107245BS

Tot Ion:	79	Resp:	388031
Ion Ratio	Lower	Upper	
79	100		
108	82.7	65.1	97.7
77	64.2	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.612 ng

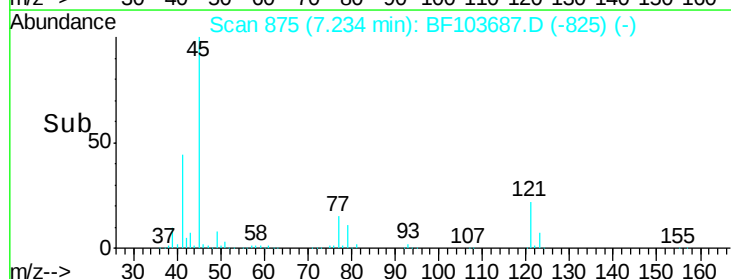
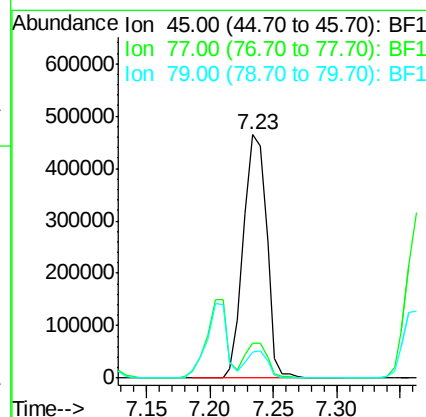
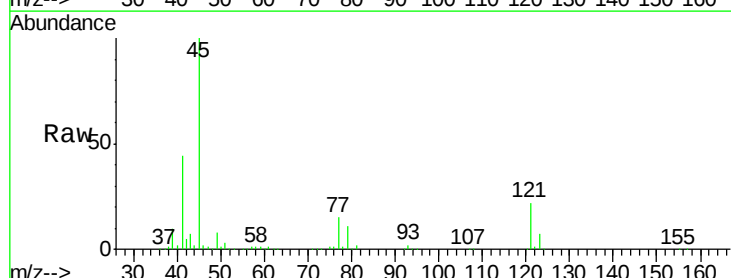
RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:	45	Resp:	588864
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	32.9
79	10.9	0.0	29.6





#17

2-Methylphenol

Concen: 37.664 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

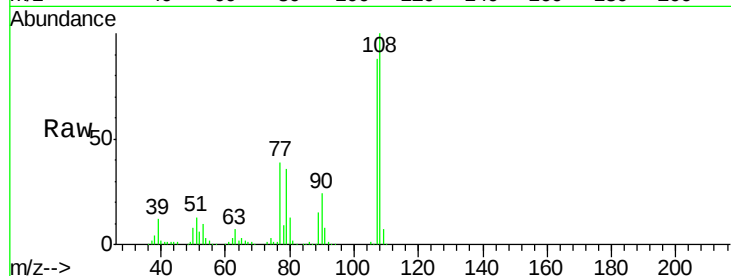
ClientSampleId :

PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		370224		
108	113.6	91.7	137.5		
77	43.9	33.8	50.8		
79	41.3	33.8	50.8		

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E

600000 Ion 108.00 (107.70 to 108.70): E

500000 Ion 77.00 (76.70 to 77.70): BF1

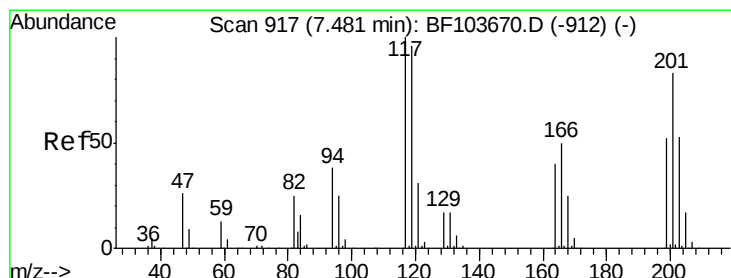
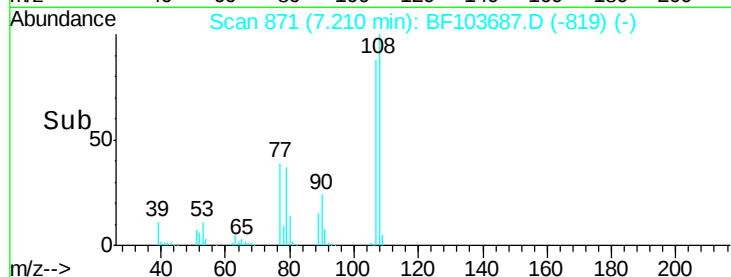
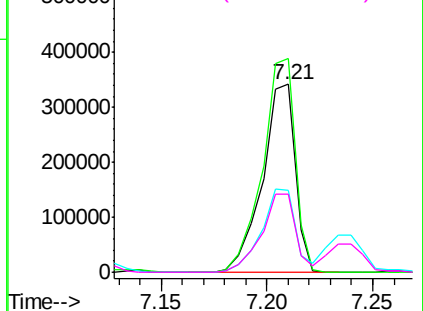
400000 Ion 79.00 (78.70 to 79.70): BF1

300000

200000

100000

0



#18

Hexachloroethane

Concen: 38.225 ng

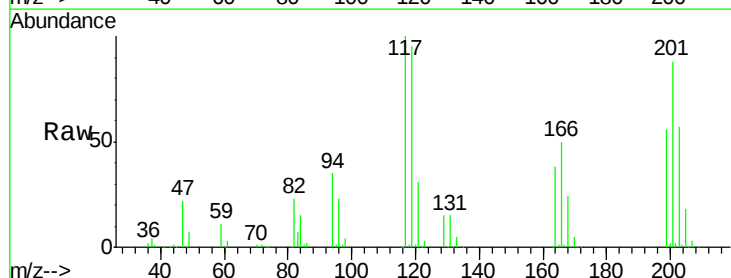
RT: 7.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		169861		
119	94.7	75.8	113.8		
201	87.9	75.7	113.5		



Abundance Ion 117.00 (116.70 to 117.70): E

250000 Ion 119.00 (118.70 to 119.70): E

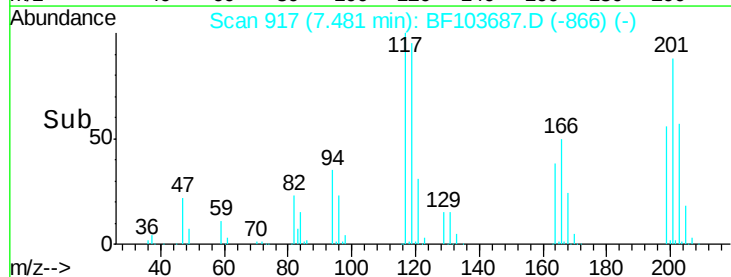
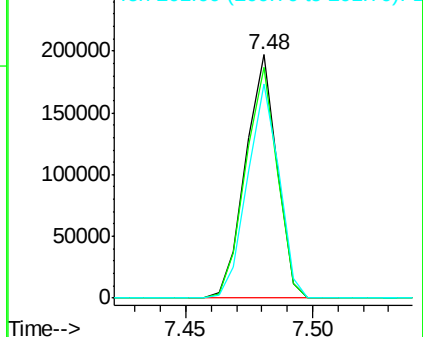
200000 Ion 201.00 (200.70 to 201.70): E

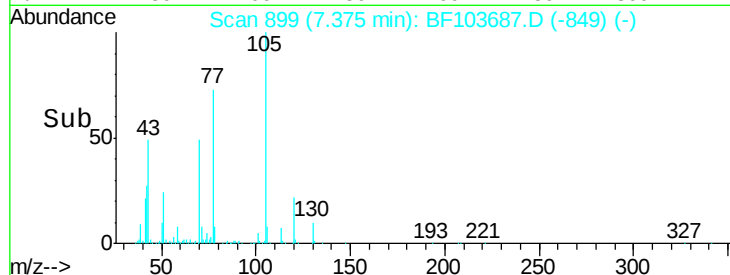
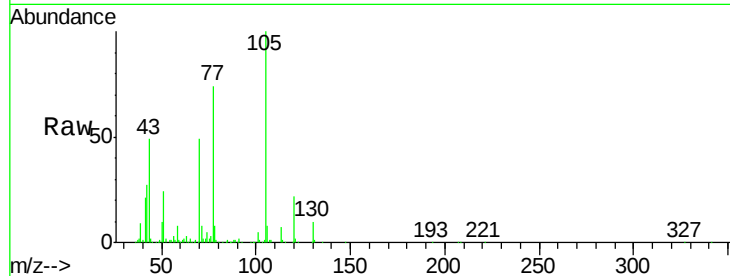
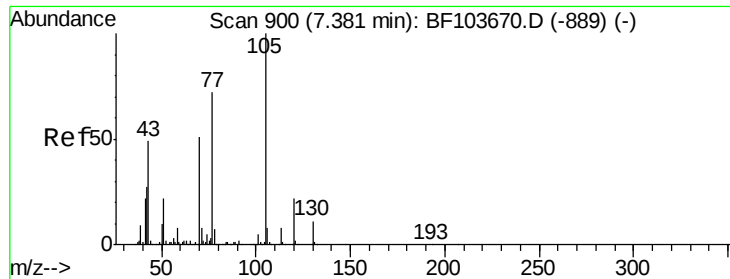
150000

100000

50000

0





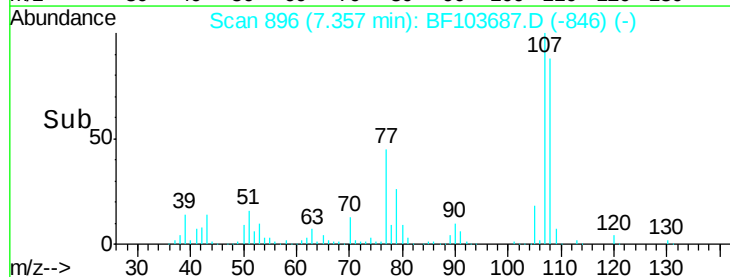
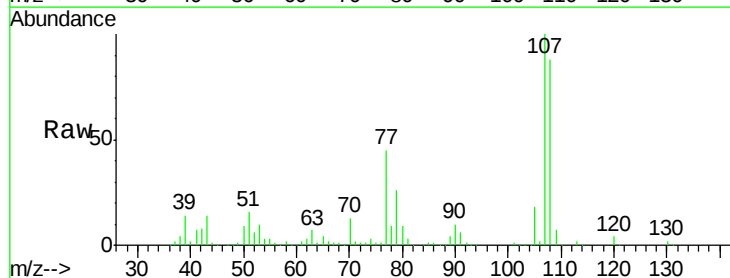
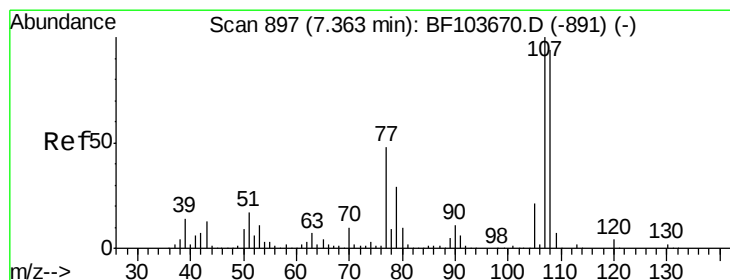
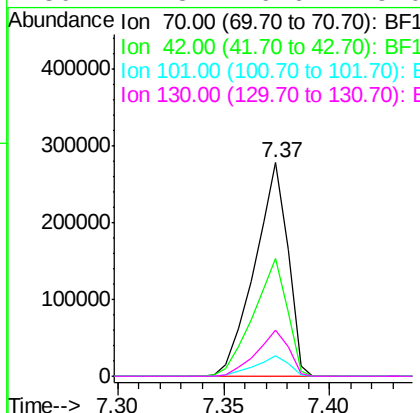
#19
n-Nitroso-di-n-propylamine
Concen: 36.658 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	47.5	71.3	
101	9.5	7.4	11.2	
130	21.3	16.6	25.0	

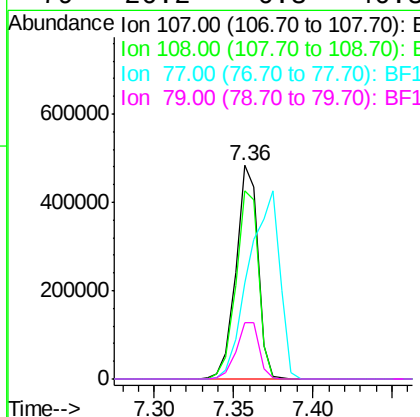
Manual Integrations
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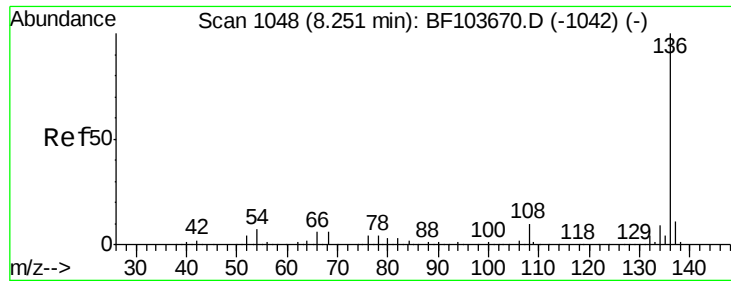
Sohil
3/19/2018 2:00:36 PM



#20
3+4-Methylphenols
Concen: 37.289 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	68.2	108.2	
77	44.7	26.7	66.7	
79	26.2	6.3	46.3	





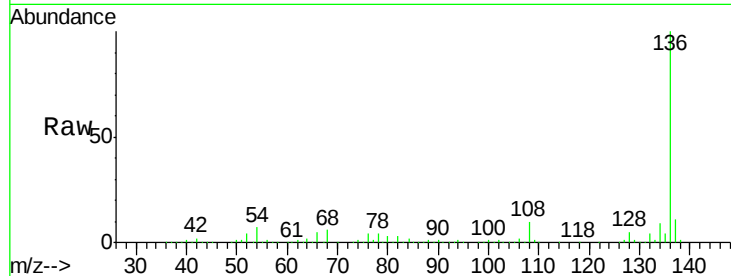
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	6.1	5.0	7.4

Manual Integrations
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3/19/2018 2:00:36 PM



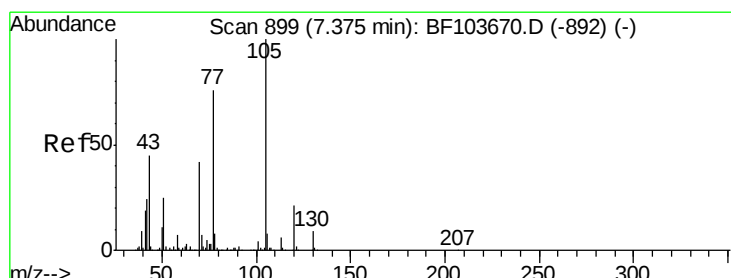
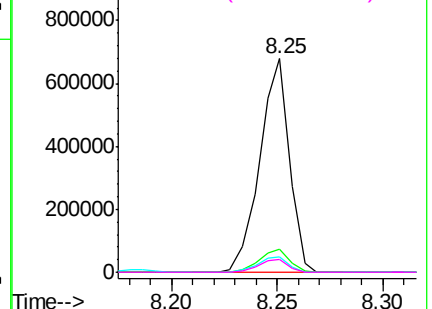
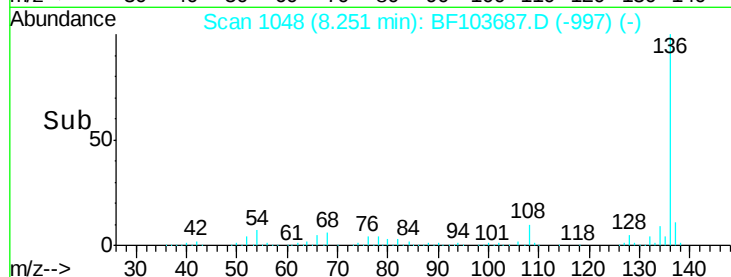
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

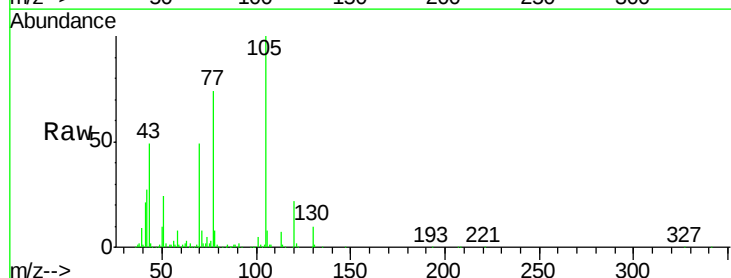
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 35.371 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.4	6.6#
51	24.2	22.3	33.5
120	21.9	16.9	25.3



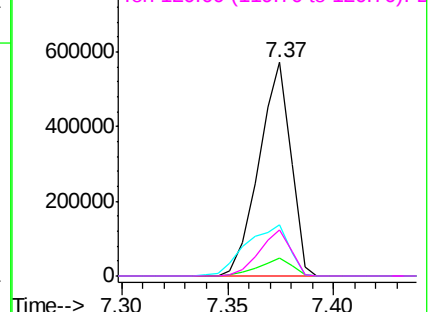
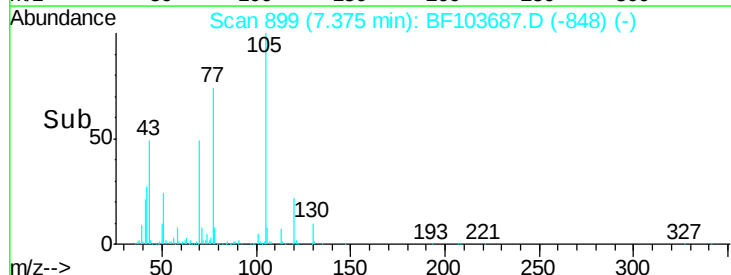
Abundance

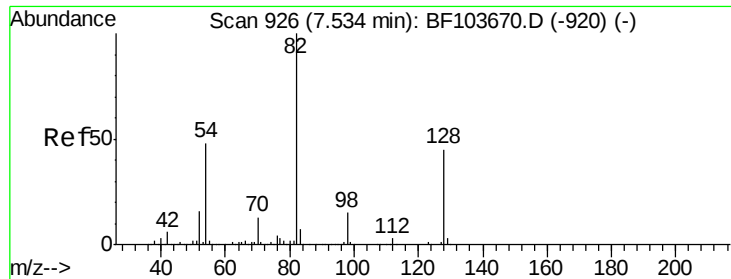
Ion 105.00 (104.70 to 105.70): E

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





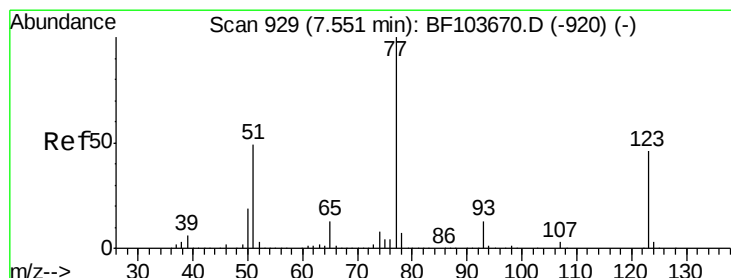
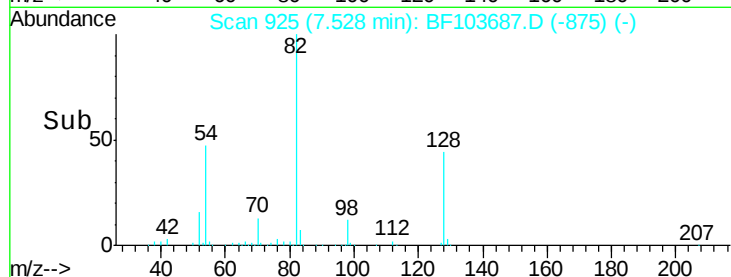
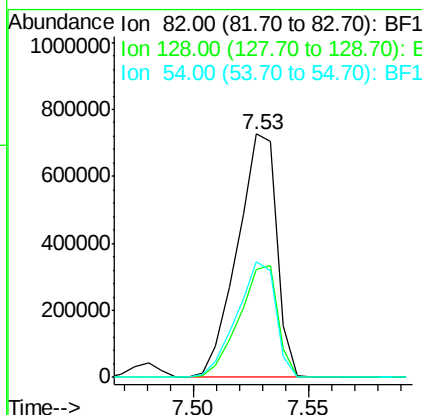
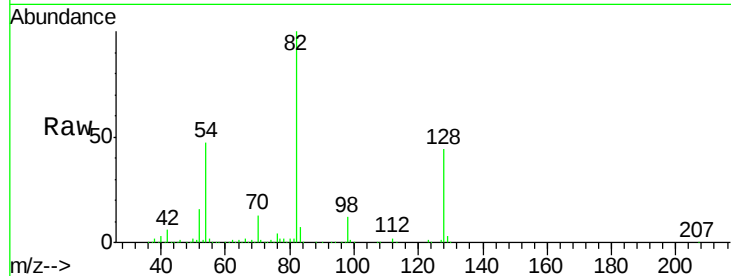
#23
 Nitrobenzene-d5
 Concen: 91.725 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleID :
 PB107245BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	47.2	41.4	62.2

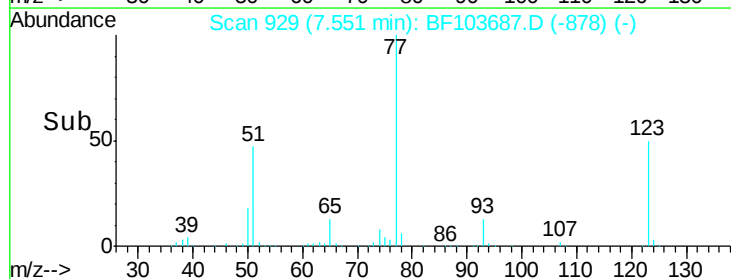
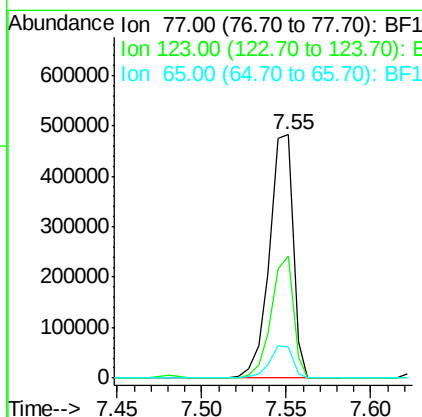
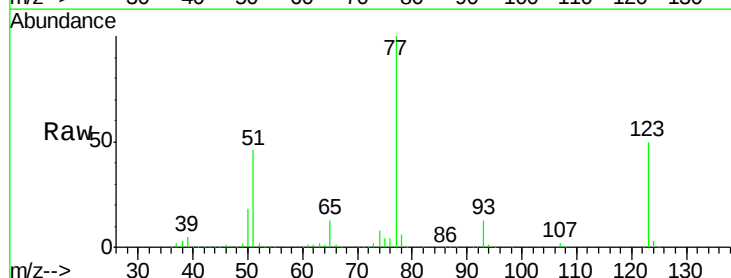
Manual Integrations
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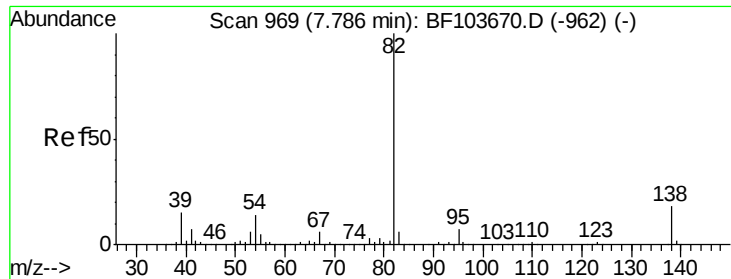
Sohil
 3/19/2018 2:00:36 PM



#24
 Nitrobenzene
 Concen: 42.135 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 39.559 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

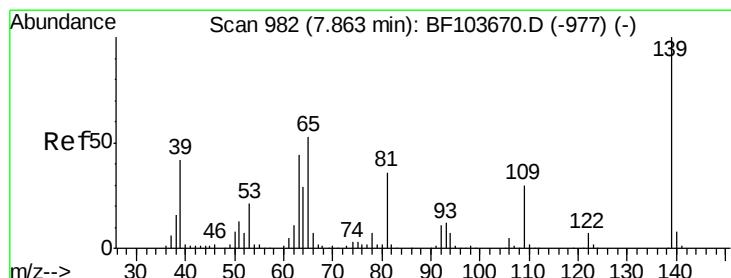
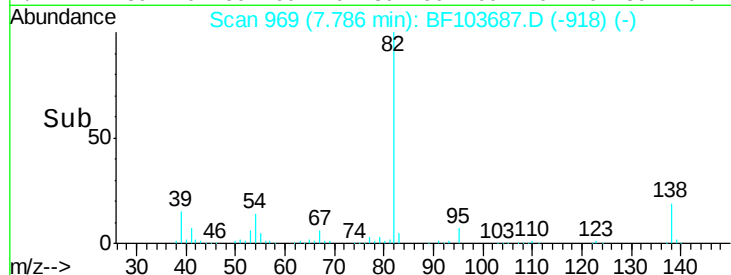
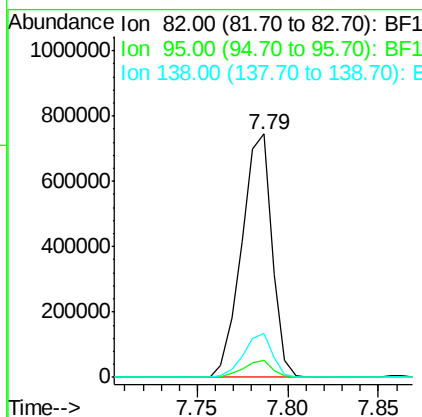
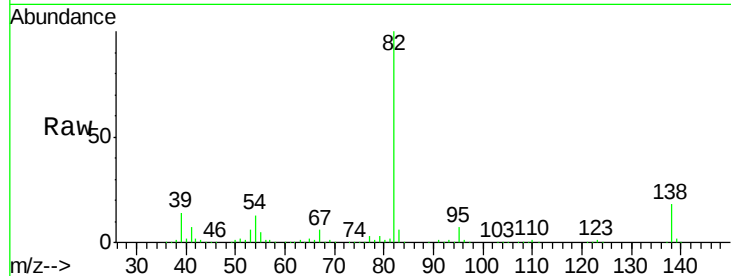
ClientSampleId :

PB107245BS

Tot Ion:	82	Resp:	865522
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	18.2	14.9	22.3

Manual Integrations
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3/19/2018 2:00:36 PM



#26

2-Nitrophenol

Concen: 49.221 ng

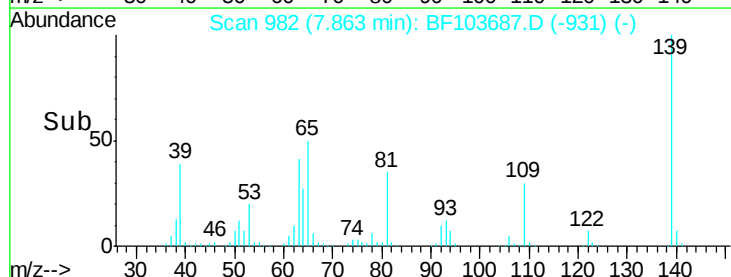
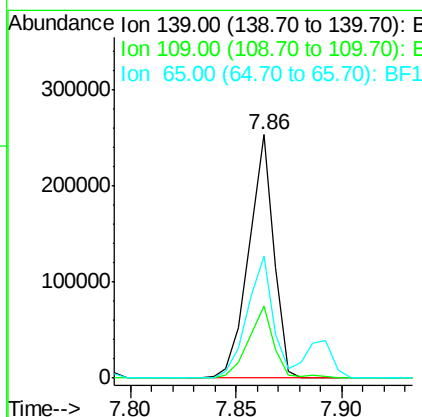
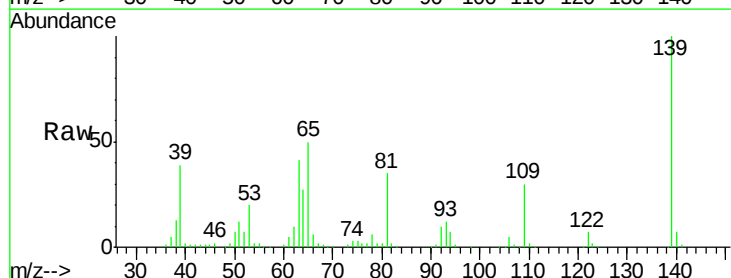
RT: 7.86 min Scan# 982

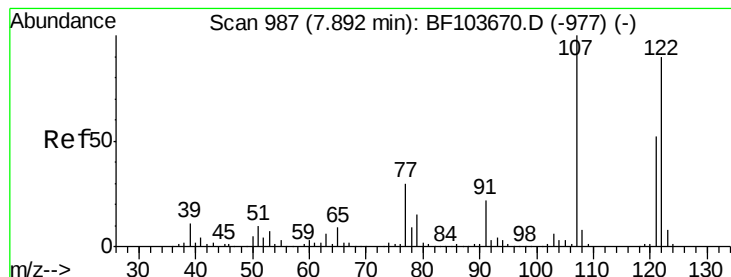
Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:	139	Resp:	209055
Ion Ratio		Lower	Upper
139	100		
109	29.8	22.7	34.1
65	50.2	40.5	60.7





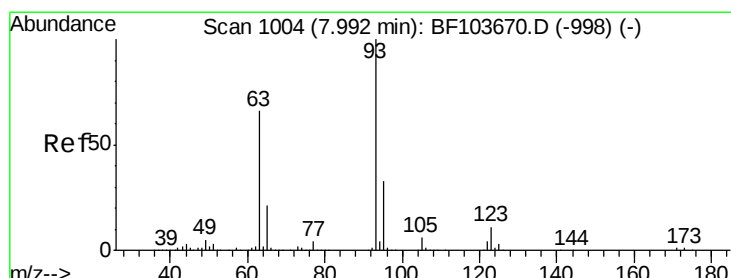
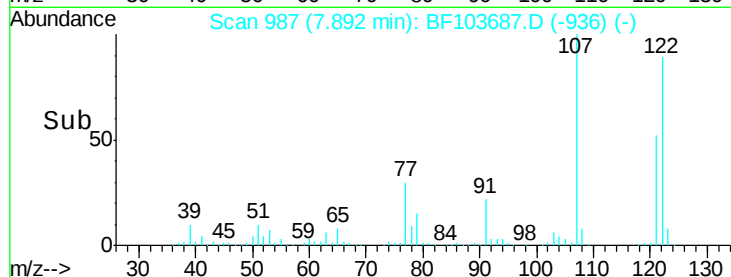
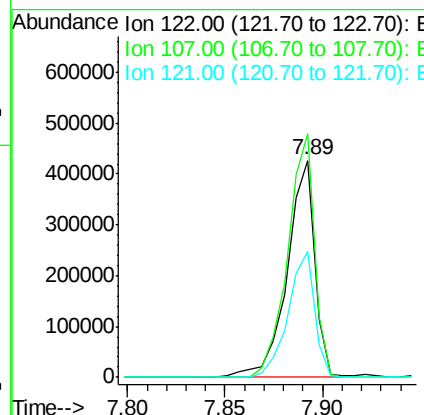
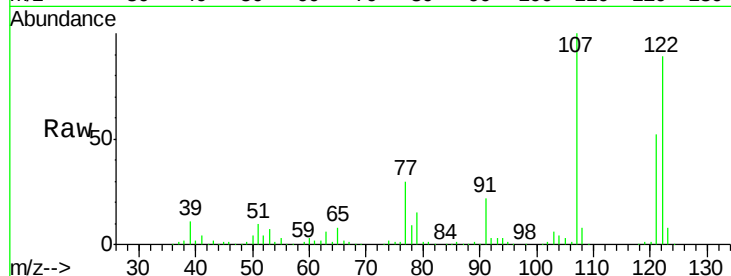
#27
2,4-Dimethylphenol
Concen: 44.689 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		418877		
107	112.3	91.2		136.8	
121	58.2	47.2		70.8	

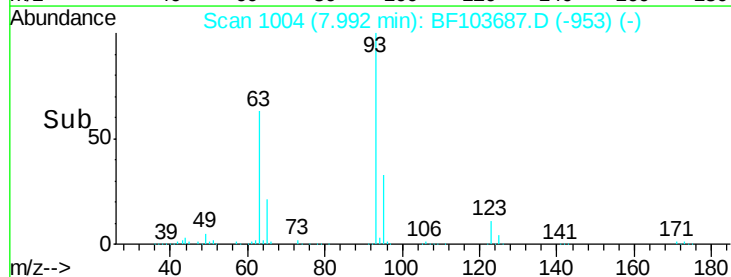
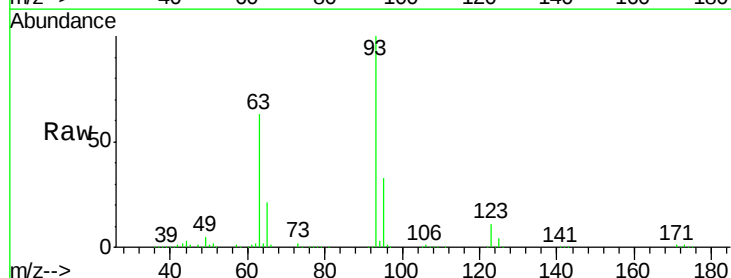
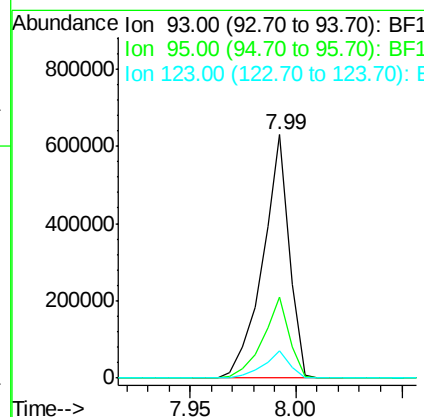
Manual Integrations
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3/19/2018 2:00:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.246 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		546461		
95	33.0	26.3		39.5	
123	11.0	9.8		14.6	





#29

2,4-Dichlorophenol

Concen: 42.155 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

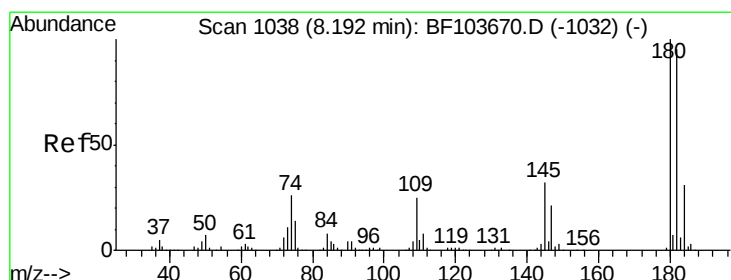
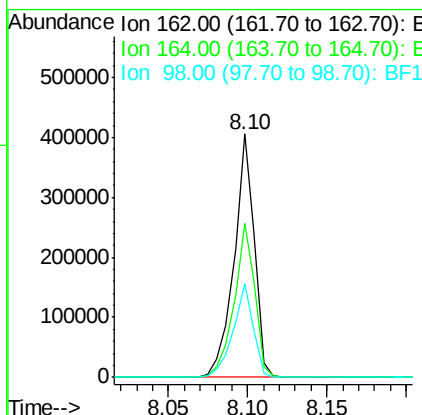
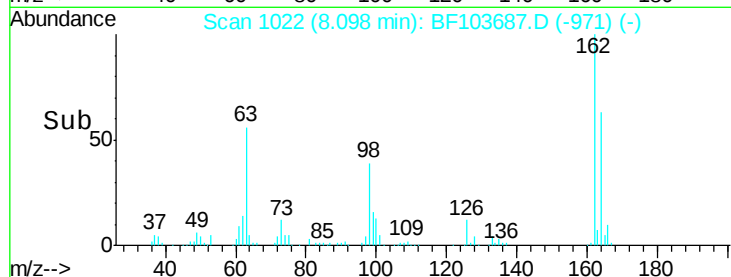
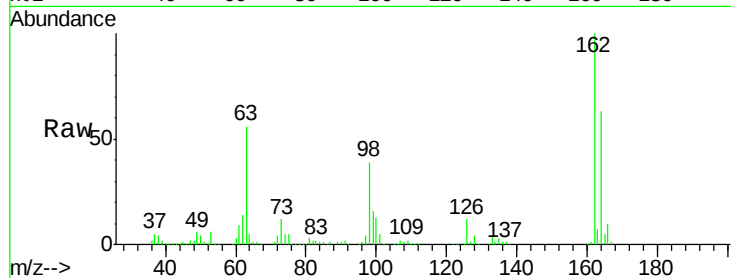
ClientSampleId :

PB107245BS

Tot Ion:	162	Resp:	359479
Ion Ratio	Lower	Upper	
162	100		
164	63.4	42.7	82.7
98	38.6	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 36.324 ng

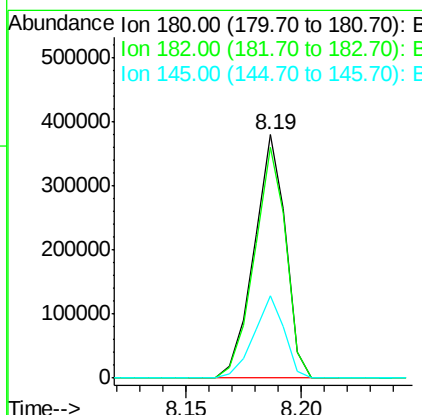
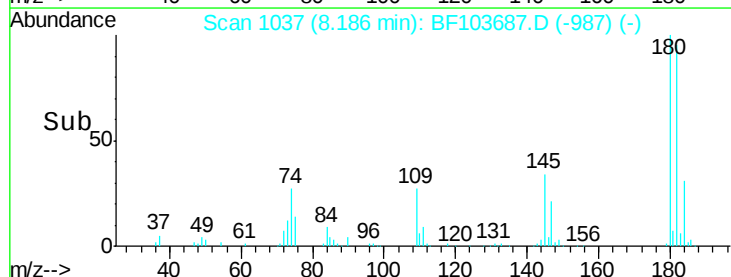
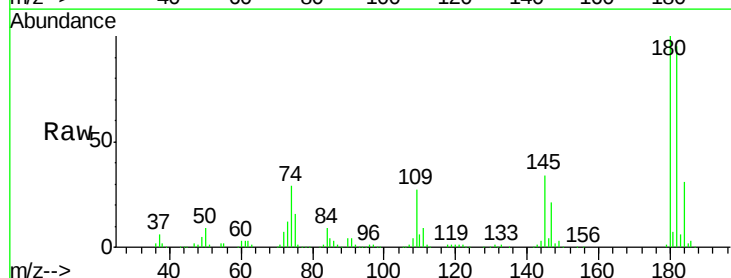
RT: 8.19 min Scan# 1037

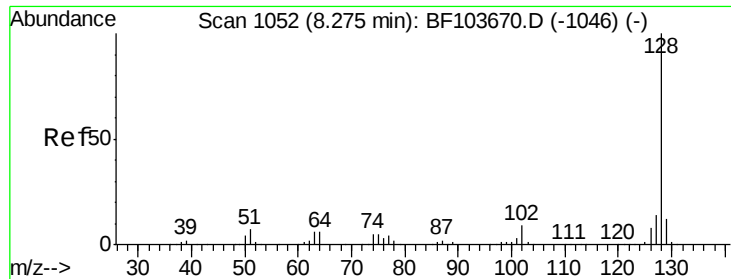
Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:	180	Resp:	359264
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.8	115.2
145	33.7	26.5	39.7





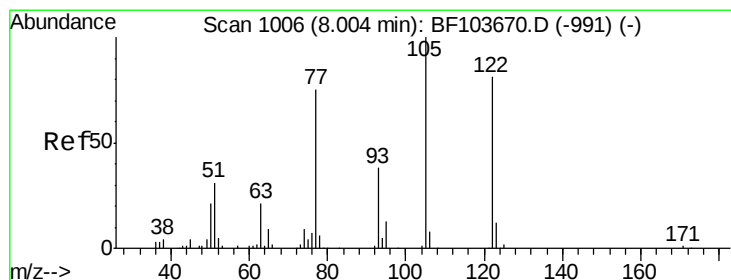
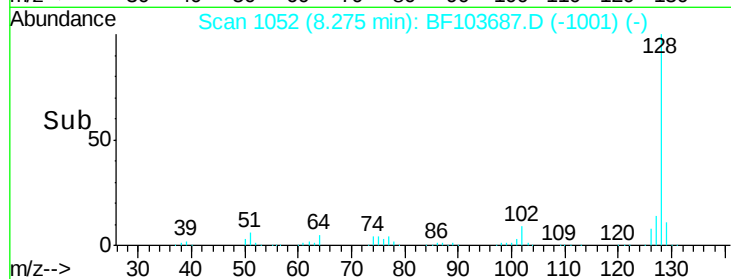
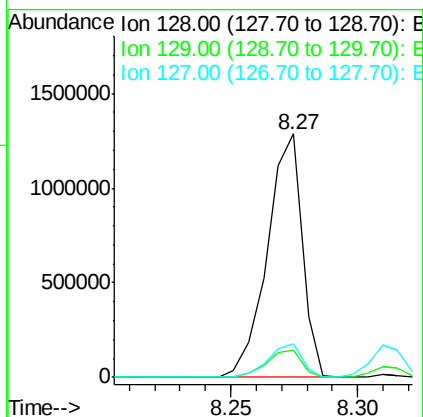
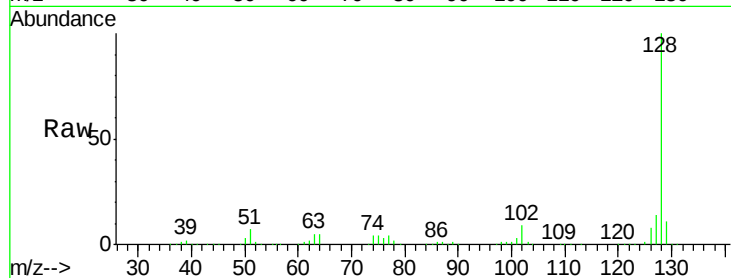
#31
Naphthalene
Concen: 37.010 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.6	10.9	16.3

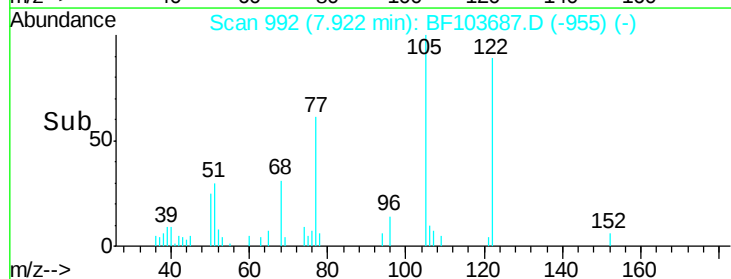
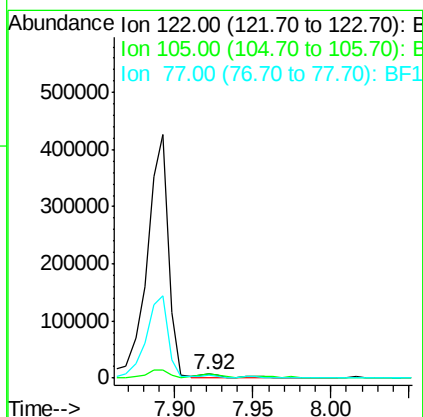
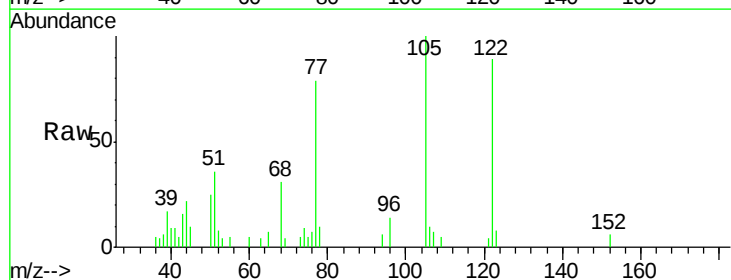
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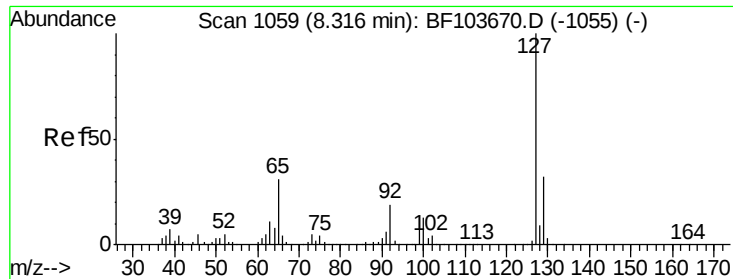
Sohil
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#32
Benzoic acid
Concen: 11.471 ng m
RT: 7.92 min Scan# 992
Delta R.T. -0.08 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.0	101.1	141.1
77	88.2	70.7	110.7





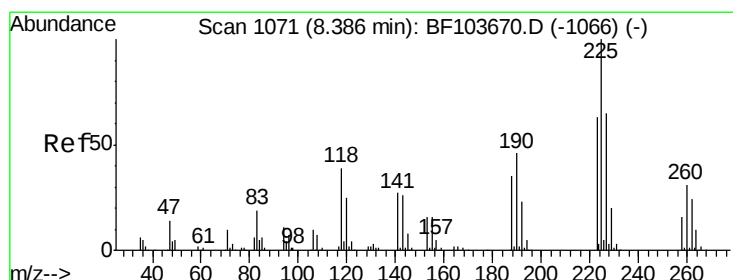
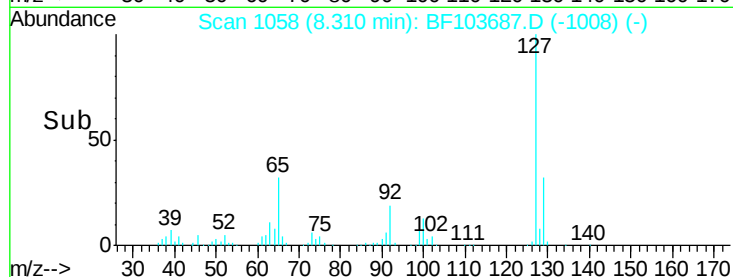
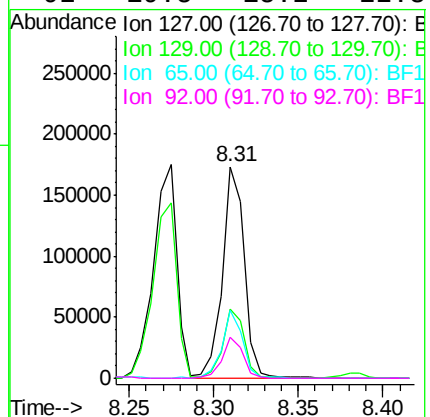
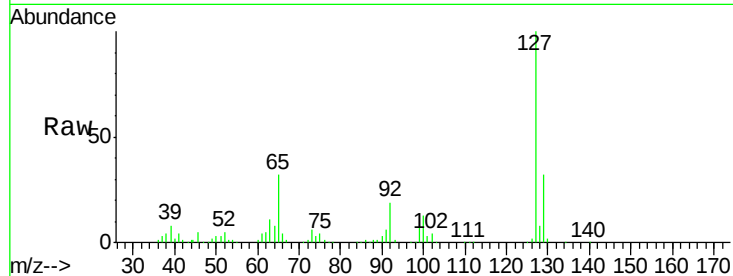
#33
4-Chloroaniline
Concen: 11.298 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5		25.9	38.9	
65	31.8		25.0	37.4	
92	19.5		15.2	22.8	

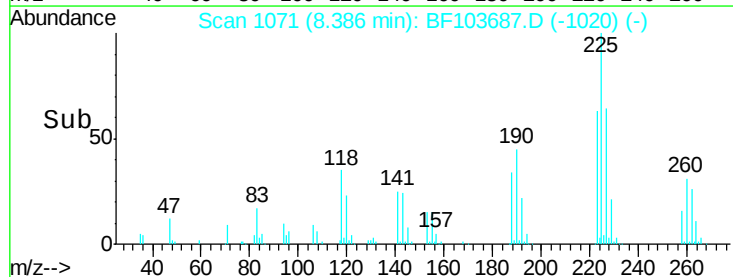
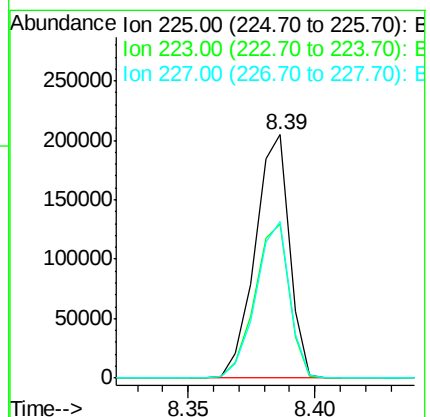
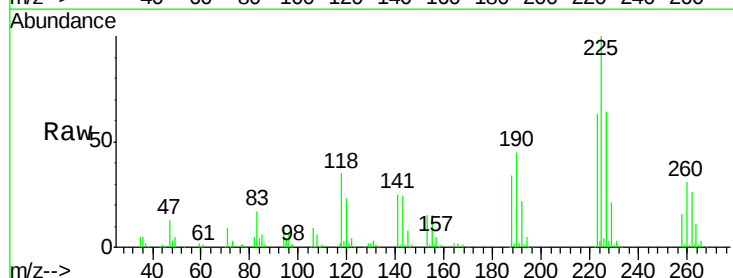
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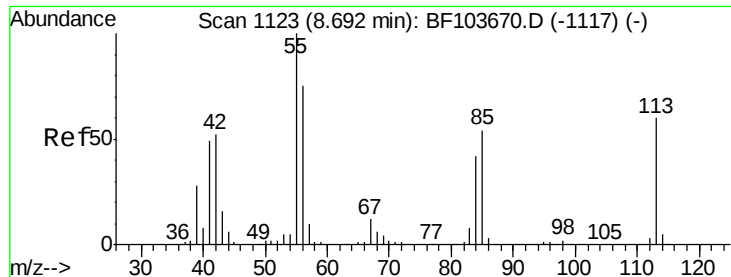
Sohil
3/19/2018 2:00:36 PM



#34
Hexachlorobutadiene
Concen: 35.788 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2		50.6	76.0	
227	64.1		51.9	77.9	





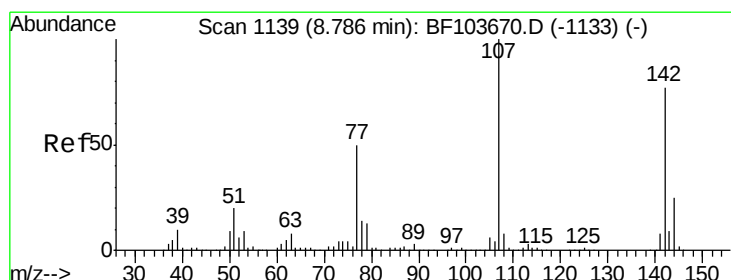
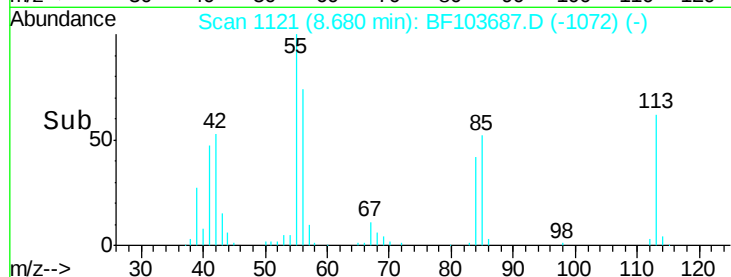
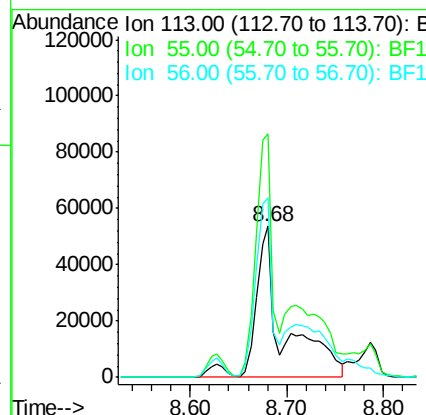
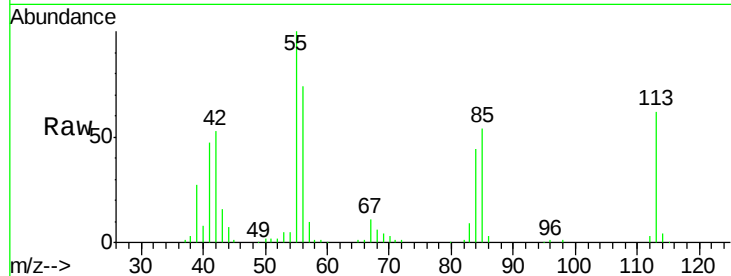
#35
Caprolactam
Concen: 37.304 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.1	163.3	203.3#
56	119.2	115.7	155.7

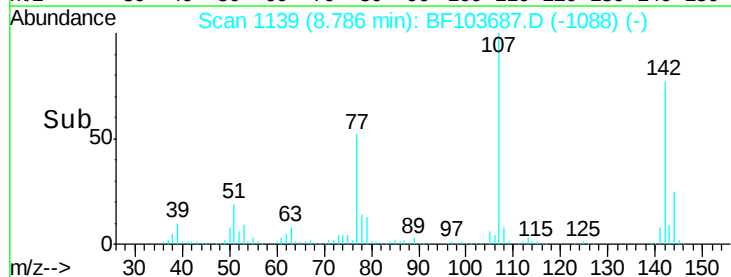
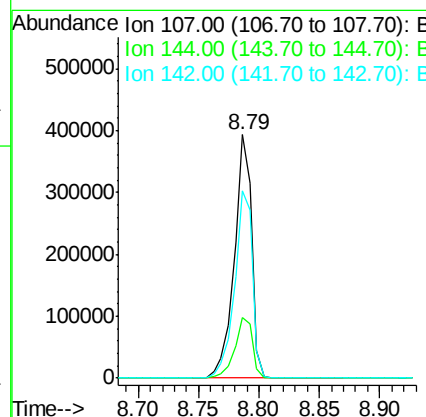
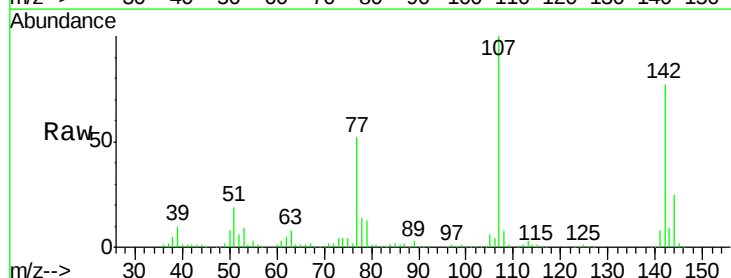
Manual Integrations
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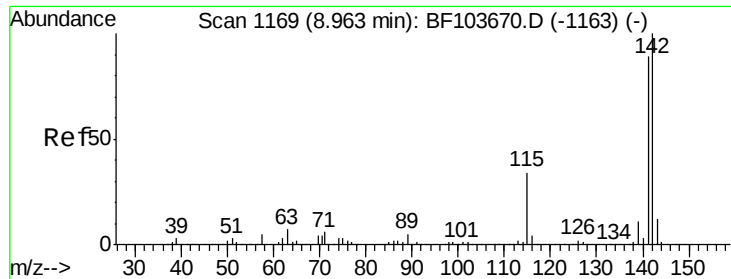
Sohil
3/19/2018 2:00:36 PM



#36
4-Chloro-3-methylphenol
Concen: 41.736 ng/ml
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.5	30.7
142	76.8	62.0	93.0





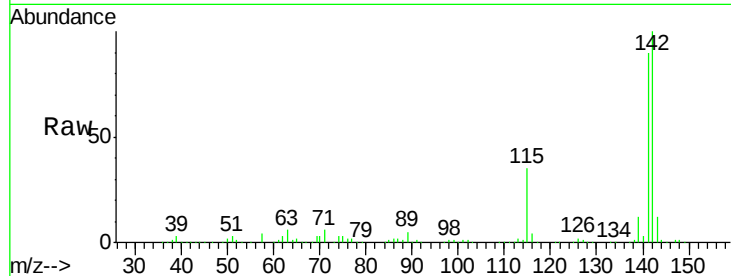
#37
2-Methylnaphthalene
Concen: 38.441 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

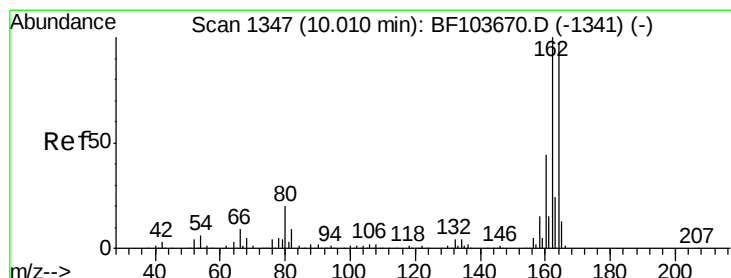
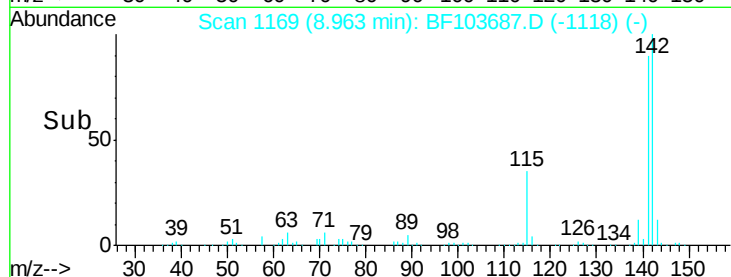
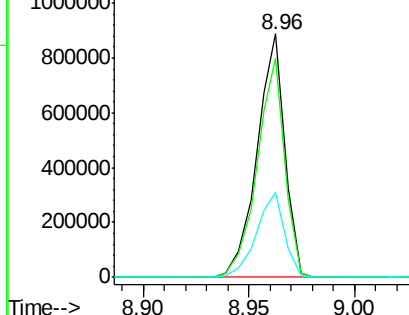
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.8	26.1	39.1

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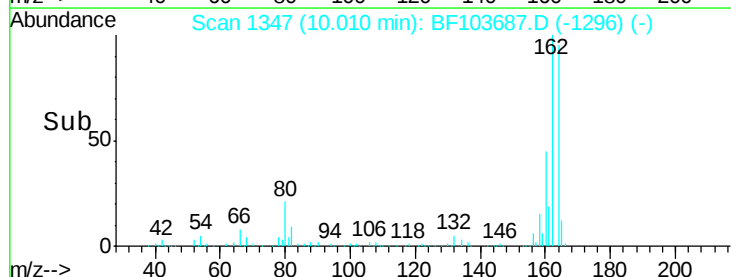
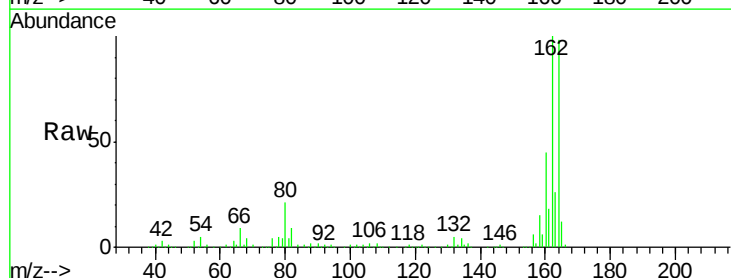
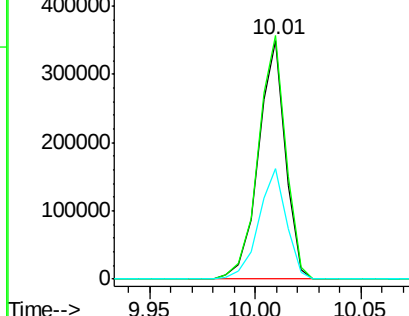
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

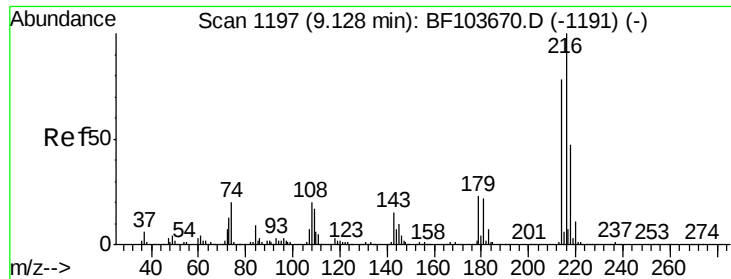


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.0	38.3	57.5

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





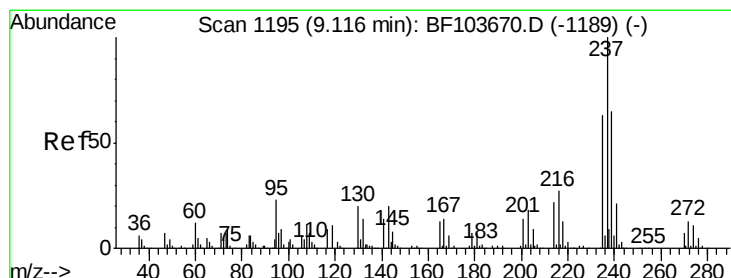
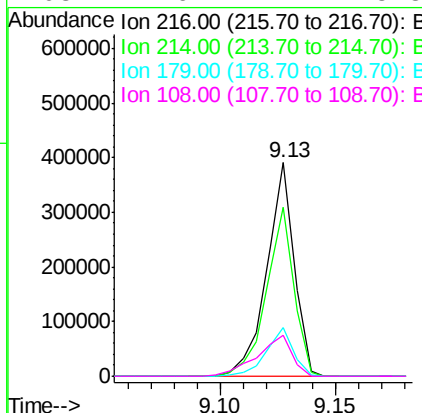
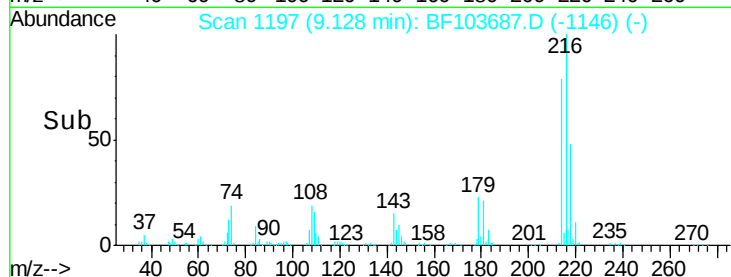
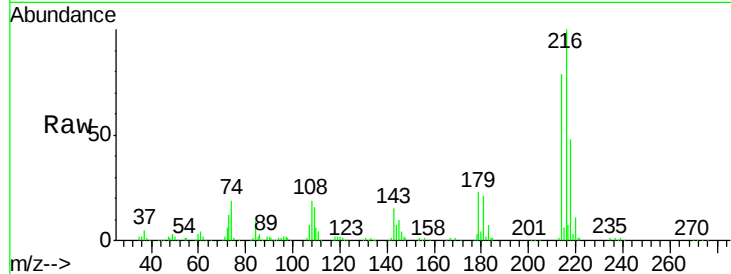
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.426 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3		63.0	94.4	
179	22.3		18.1	27.1	
108	24.6		17.2	25.8	

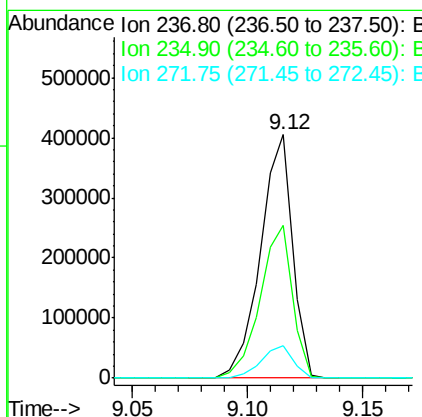
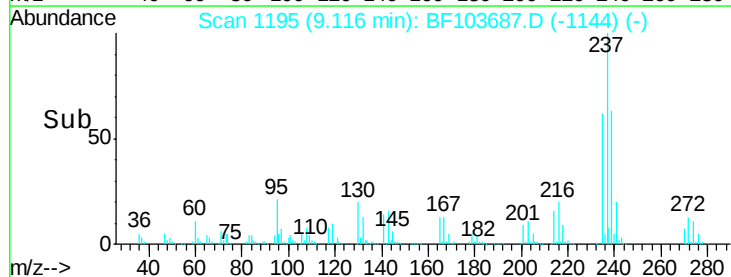
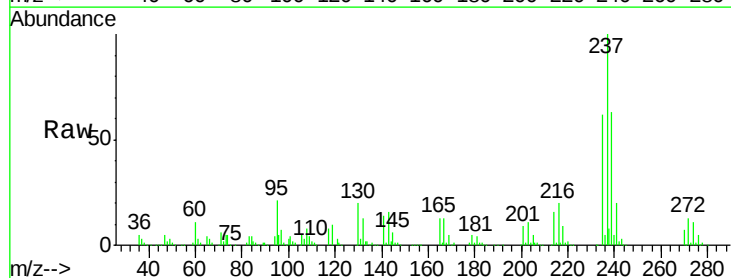
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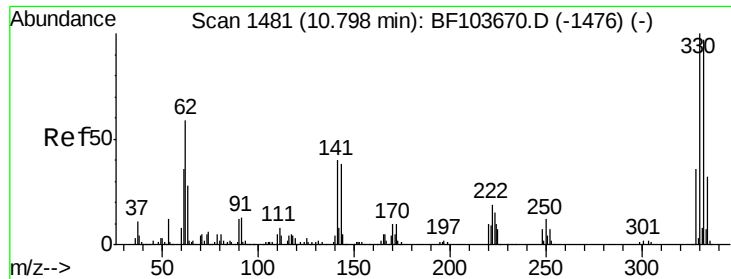
Sohil
 3/19/2018 2:00:36 PM



#40
 Hexachlorocyclopentadiene
 Concen: 85.678 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.5		44.8	84.8	
272	13.5		0.0	33.3	





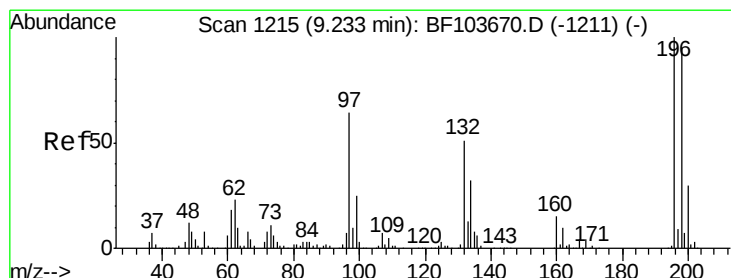
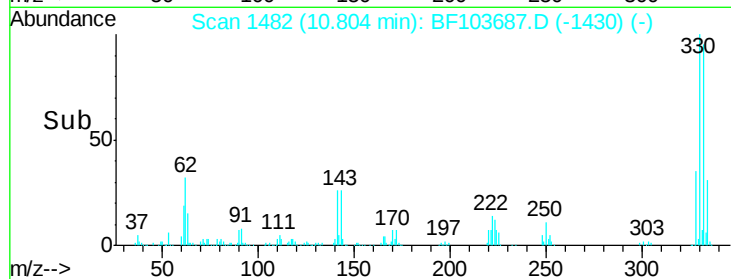
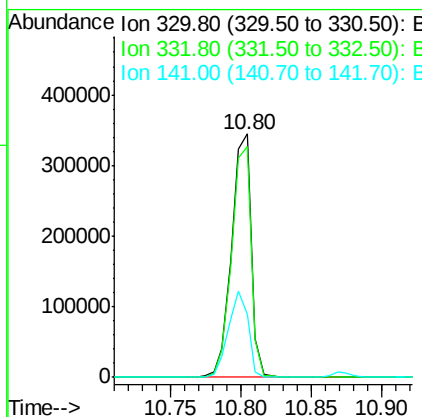
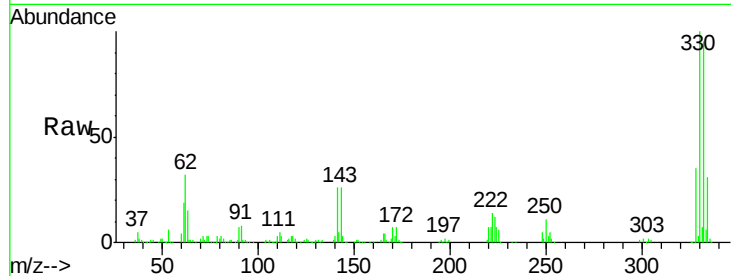
#41
 2,4,6-Tribromophenol
 Concen: 124.978 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	35.8	29.9	44.9	

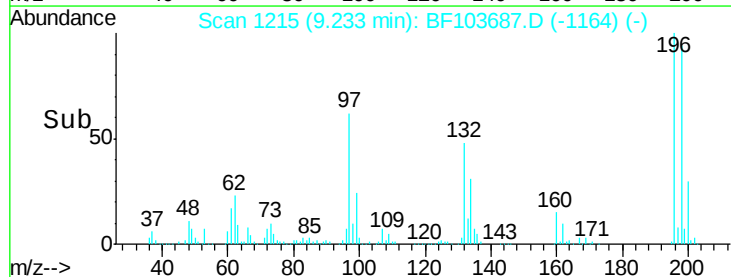
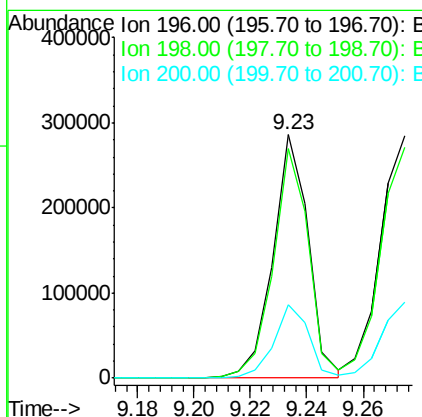
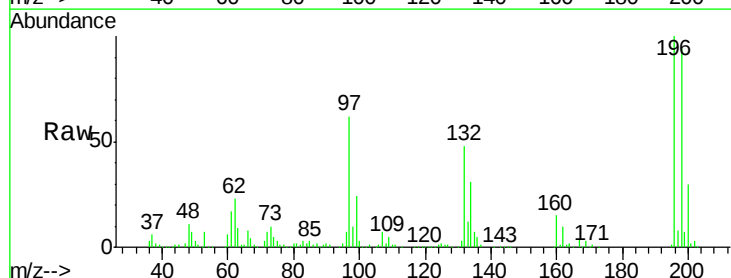
Manual Integrations
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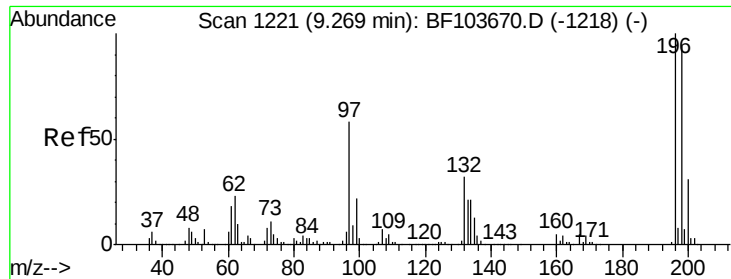
Sohil
 3/19/2018 2:00:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.798 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.2	75.7	113.5	
200	30.1	24.5	36.7	





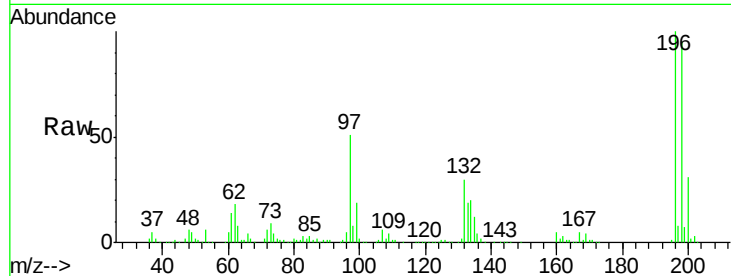
#43
2,4,5-Trichlorophenol
Concen: 40.495 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		259485		
198	95.5	74.6	112.0		
97	50.6	42.9	64.3		
132	30.1	26.3	39.5		

Manual Integrations
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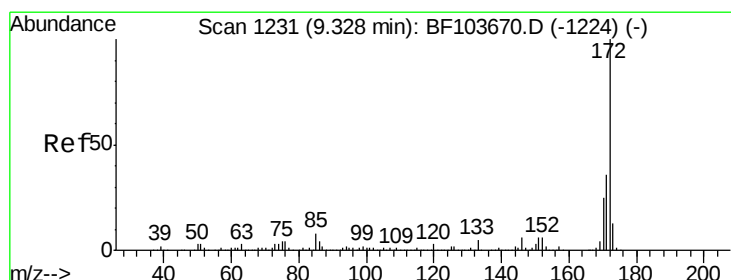
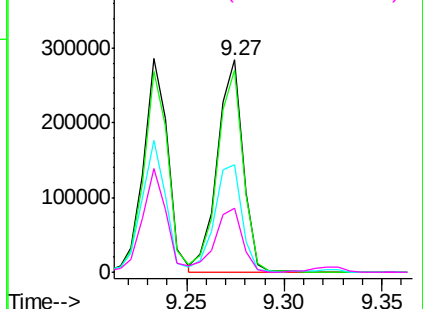
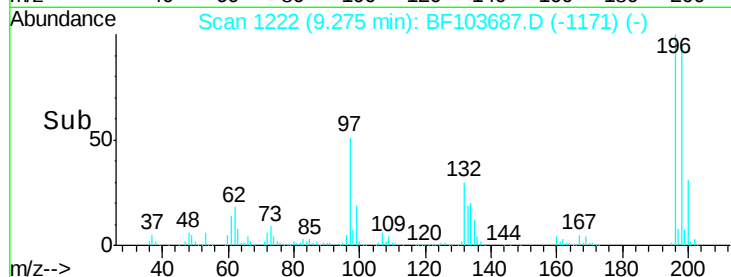
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

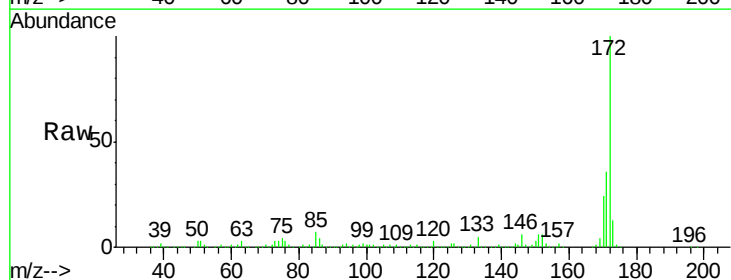
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 76.308 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1488321		
171	35.8	29.7	44.5		
170	24.4	19.6	29.4		

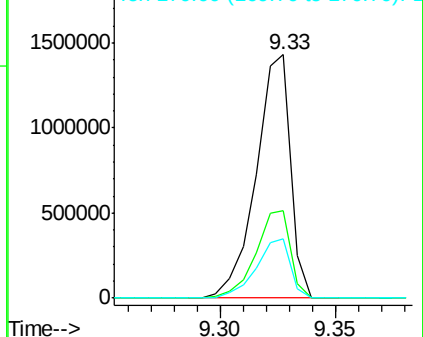
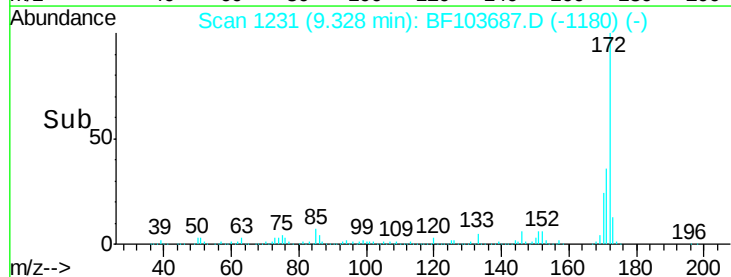


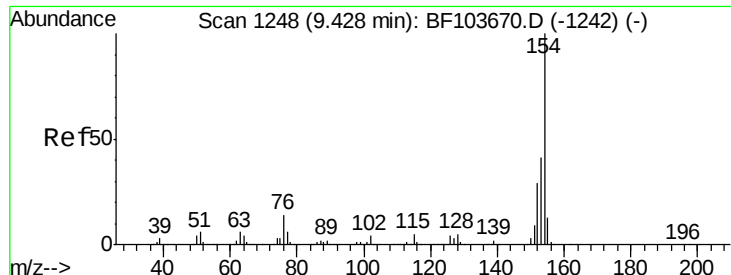
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.419 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

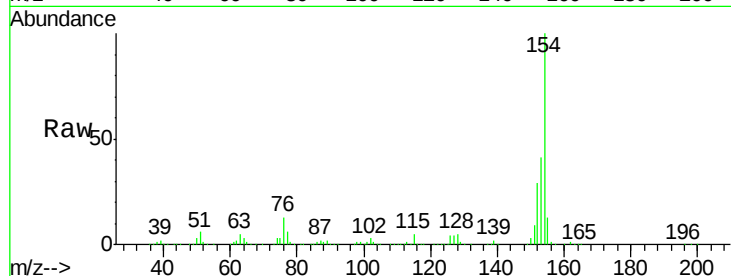
ClientSampleId :

PB107245BS

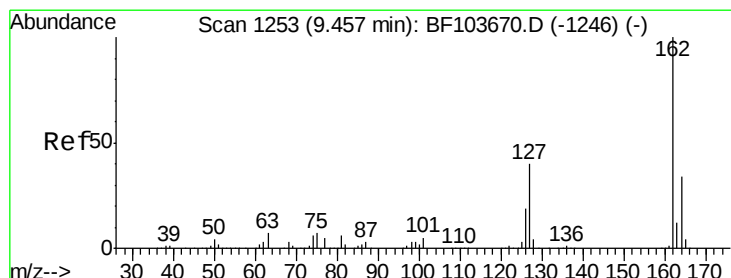
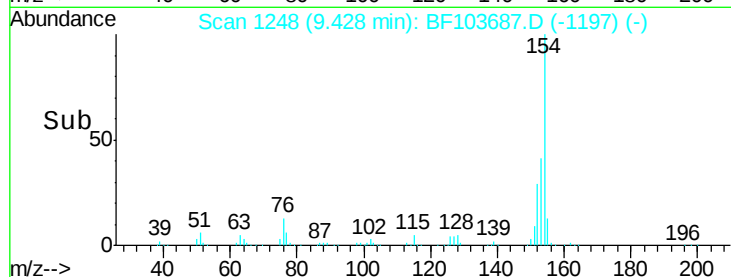
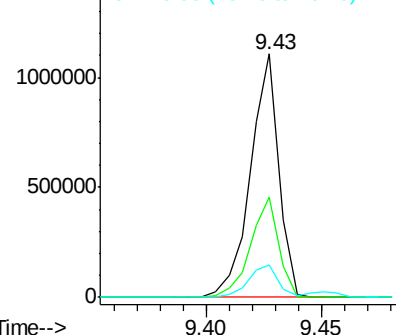
Tot Ion:	154	Resp:	944819
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	13.4	0.0	34.0

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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: 37.176 ng

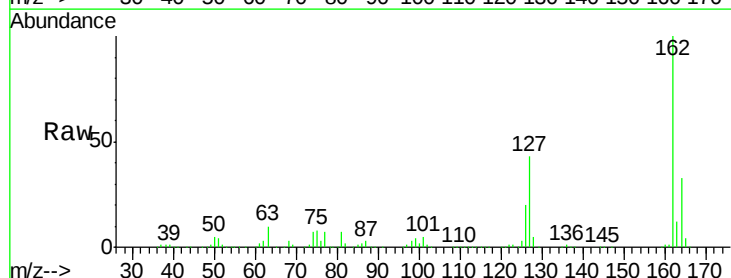
RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

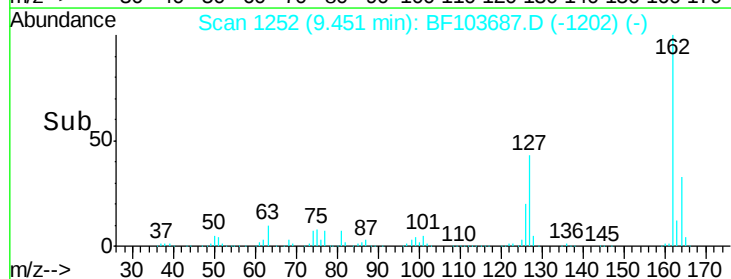
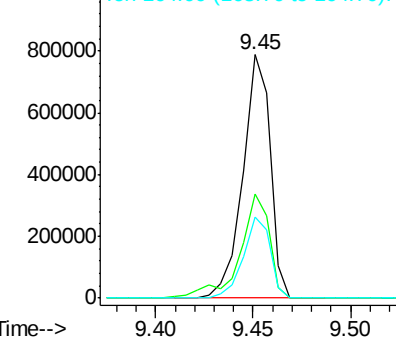
Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:	162	Resp:	766029
Ion Ratio	Lower	Upper	
162	100		
127	42.8	33.9	50.9
164	33.1	26.5	39.7



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





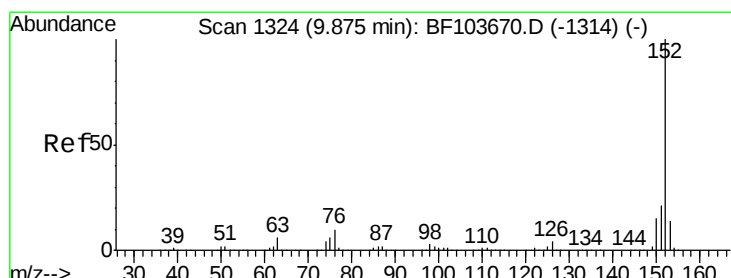
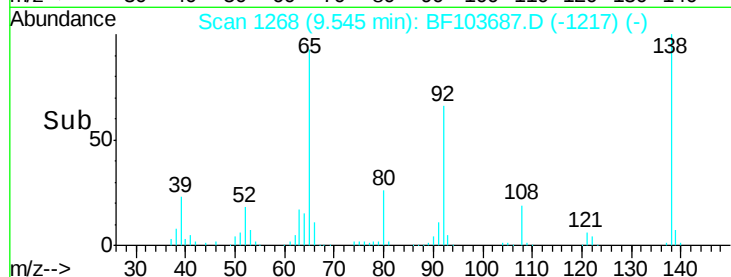
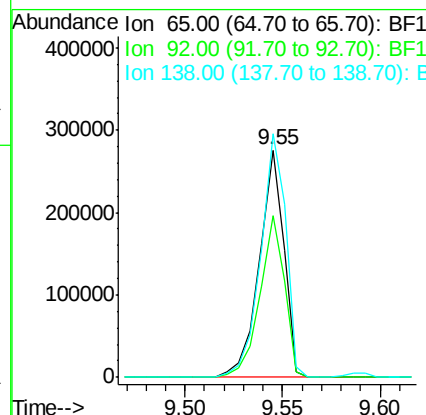
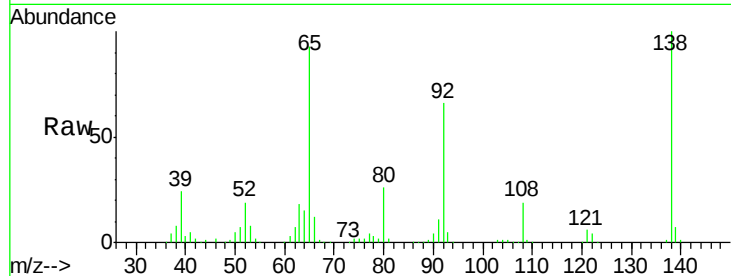
#47
2-Nitroaniline
Concen: 45.224 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.2	55.8	83.6
138	107.1	91.2	136.8

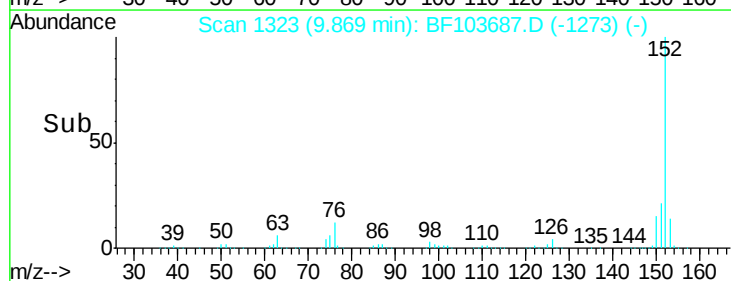
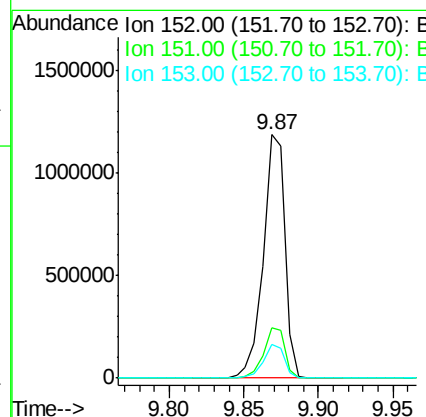
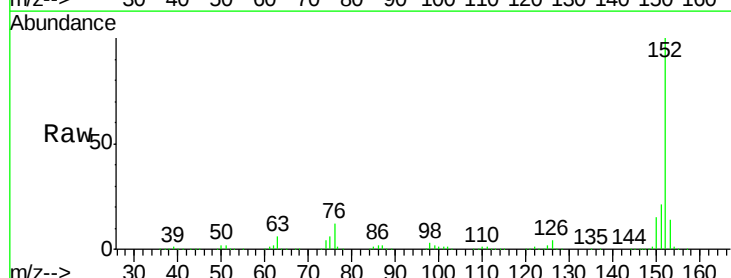
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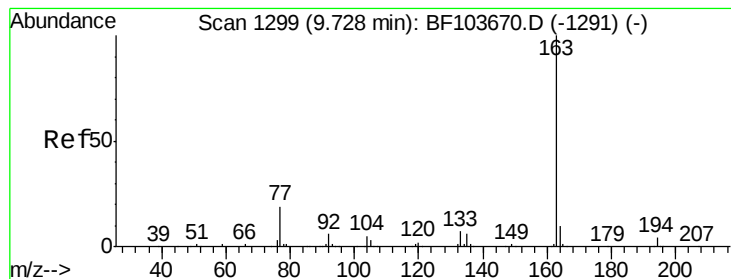
Sohil
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#48
Acenaphthylene
Concen: 36.742 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.8	10.7	16.1





#49

Dimethylphthalate

Concen: 38.195 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

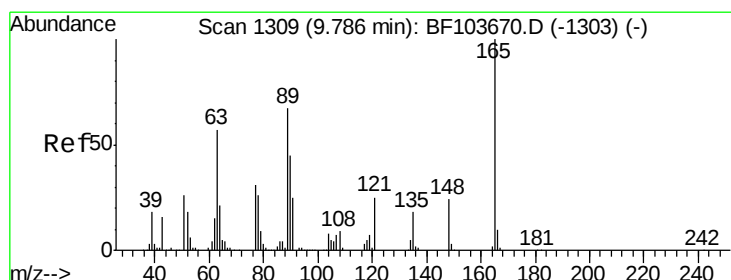
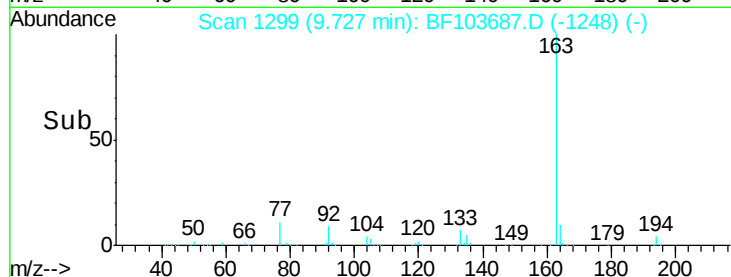
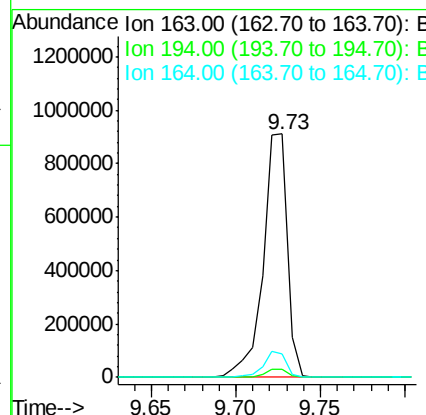
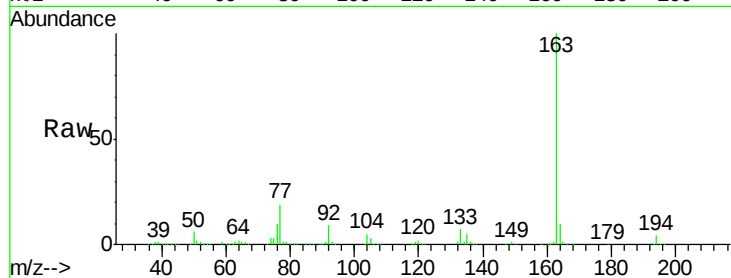
ClientSampleId :

PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	906638		
194	3.5	2.7	4.1	
164	9.8	8.2	12.2	

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 43.512 ng

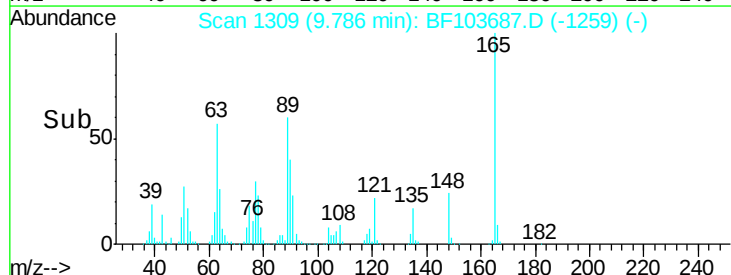
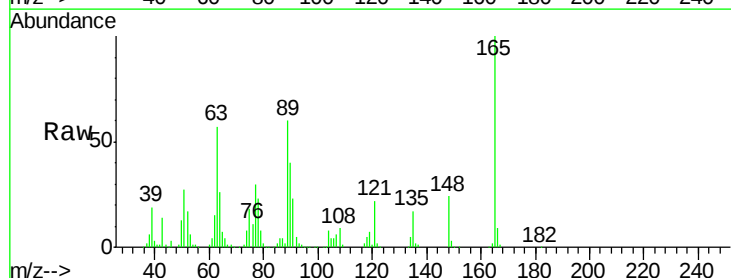
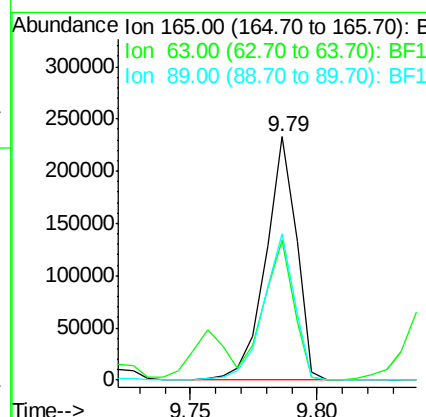
RT: 9.79 min Scan# 1309

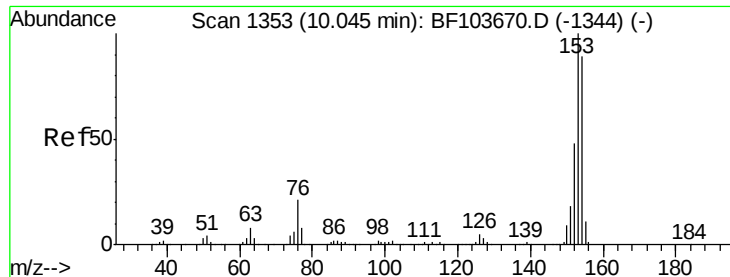
Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	197935		
63	57.5	44.7	67.1	
89	60.0	44.0	66.0	





#51

Acenaphthene

Concen: 37.021 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

PB107245BS

Tot Ion:154 Resp: 702373

Ion Ratio Lower Upper

154 100

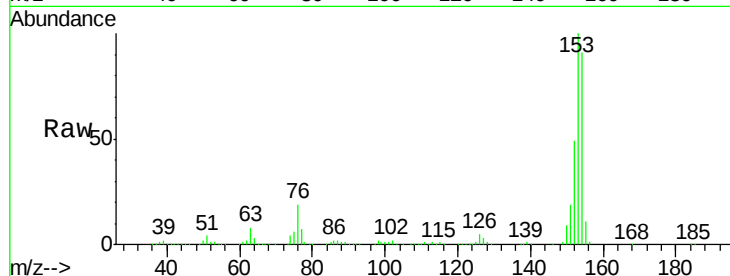
153 110.4 91.2 136.8

152 54.4 43.8 65.8

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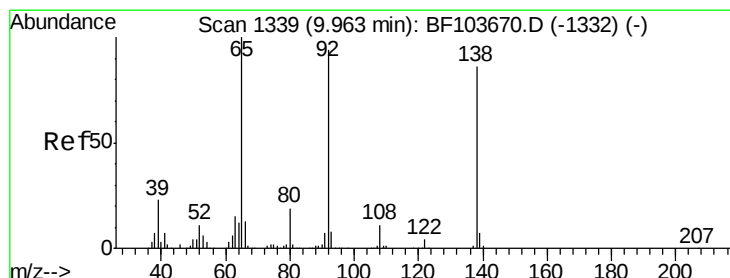
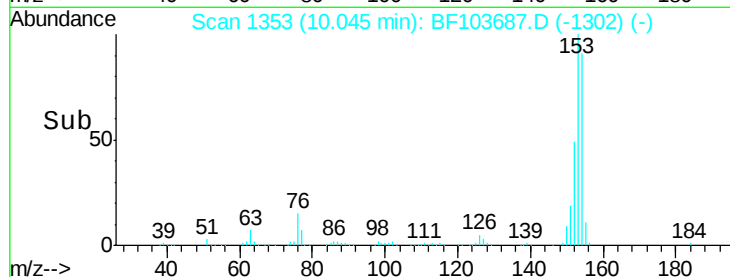
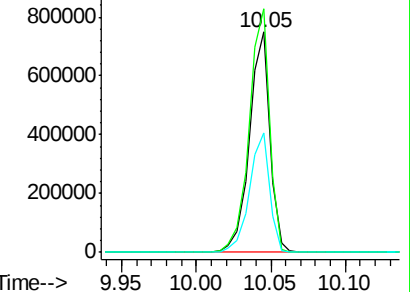
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.849 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

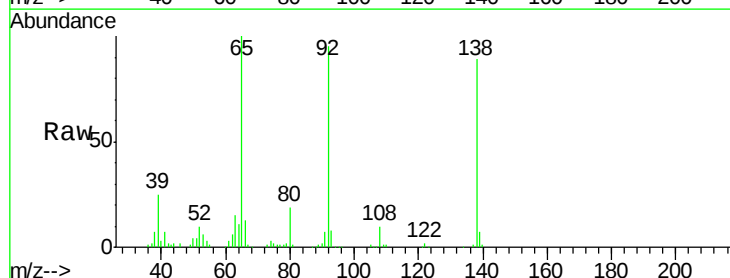
Tgt Ion:138 Resp: 119771

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

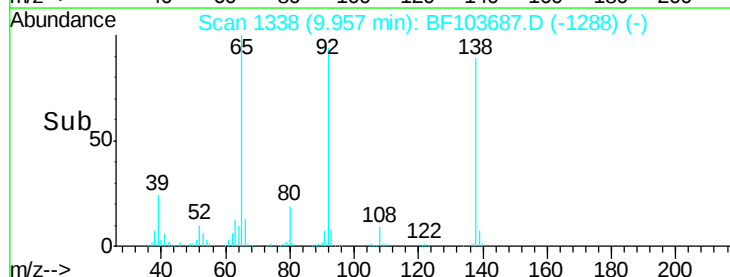
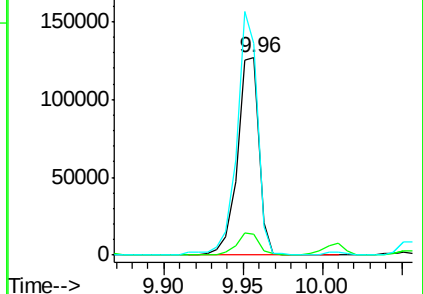
92 107.5 89.4 134.2

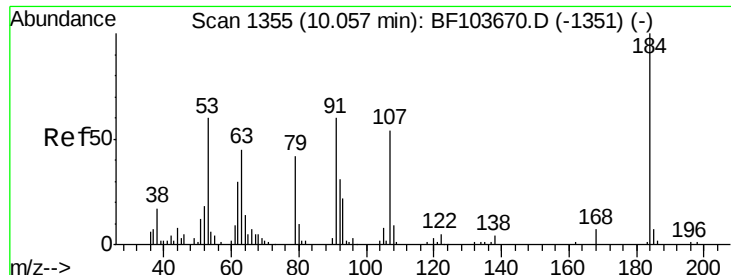


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





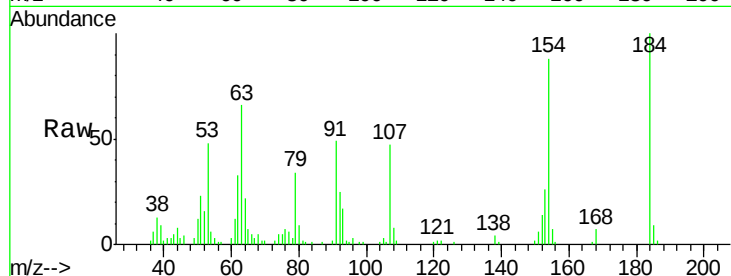
#53
2,4-Dinitrophenol
Concen: 33.986 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

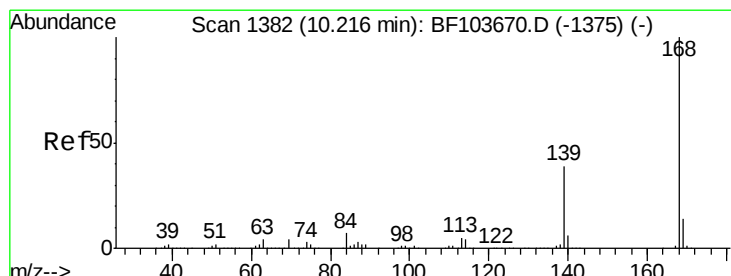
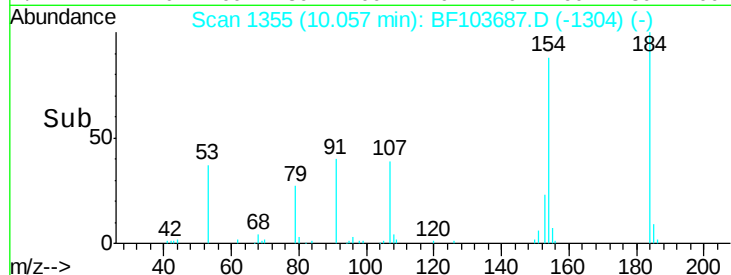
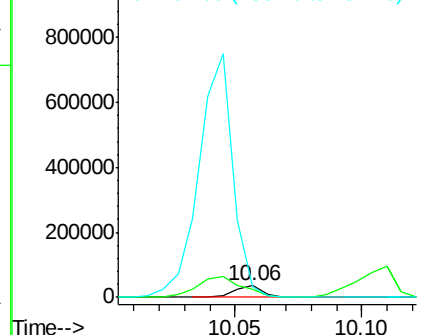
Tot Ion	Ratio	Lower	Upper
184	100		
63	66.2	54.2	81.2
154	88.0	184.0	276.0#

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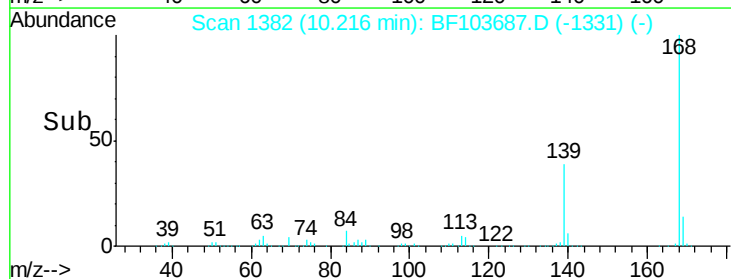
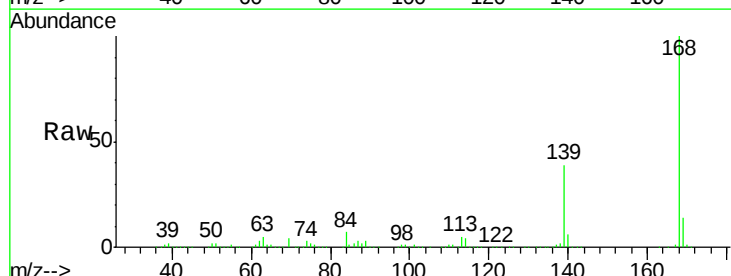
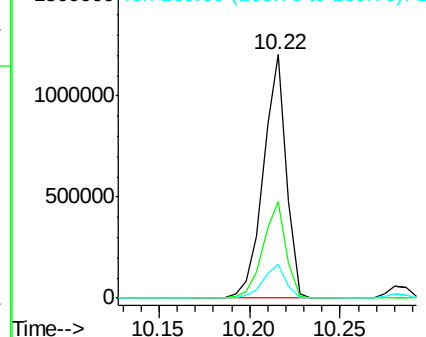
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 38.885 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	13.7	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





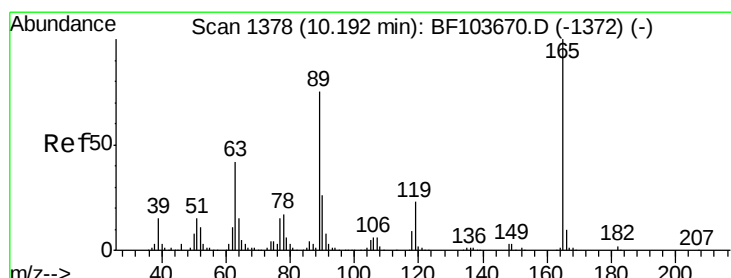
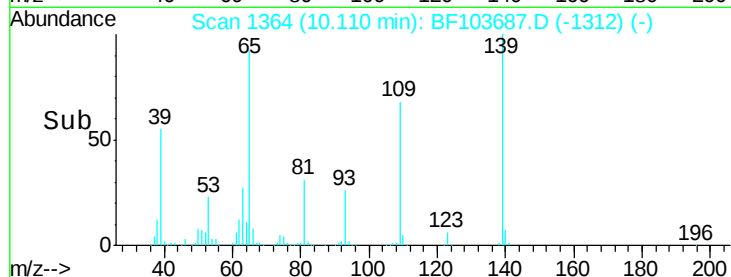
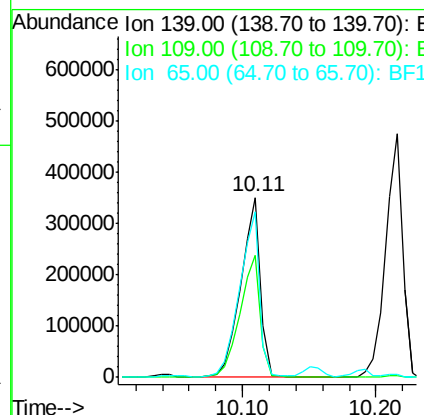
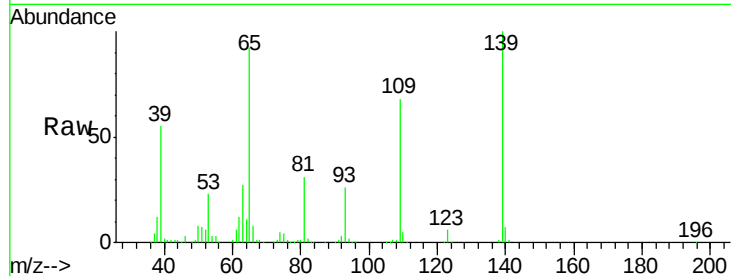
#55
4-Nitrophenol
Concen: 83.103 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	362041		
109	68.1	48.4	88.4	
65	92.1	72.6	112.6	

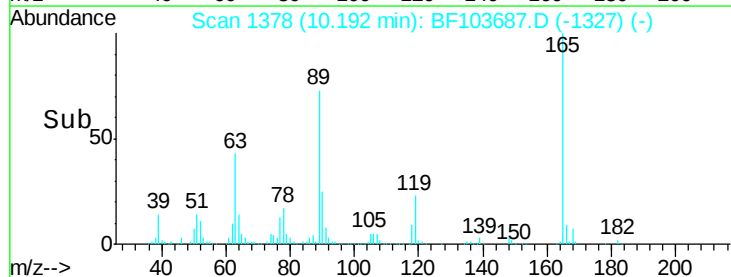
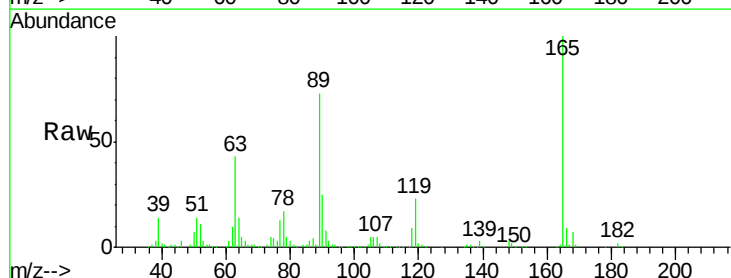
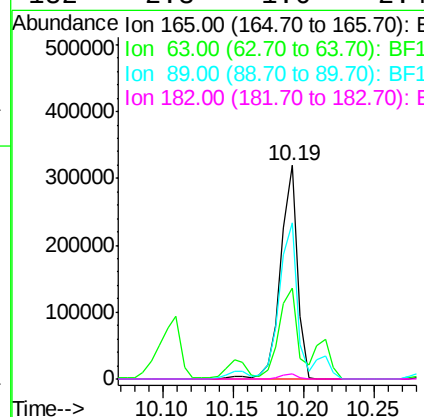
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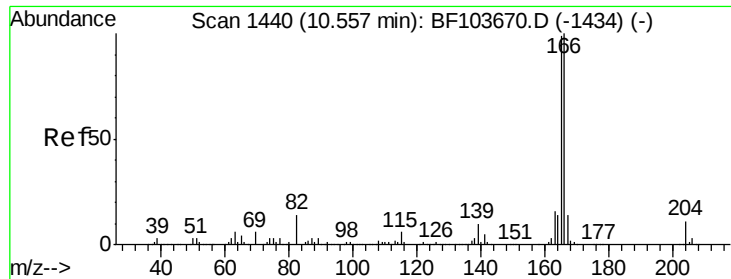
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#56
2,4-Dinitrotoluene
Concen: 46.582 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	269753		
63	42.7	36.4	54.6	
89	73.2	57.8	86.6	
182	2.3	1.6	2.4	





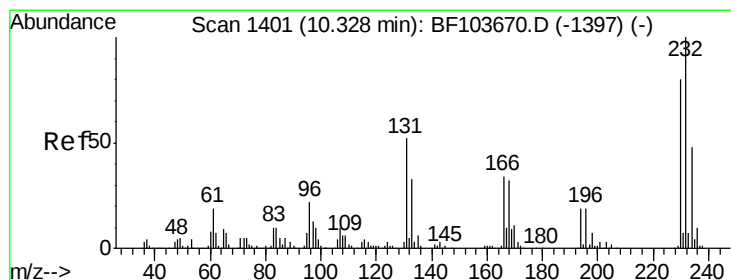
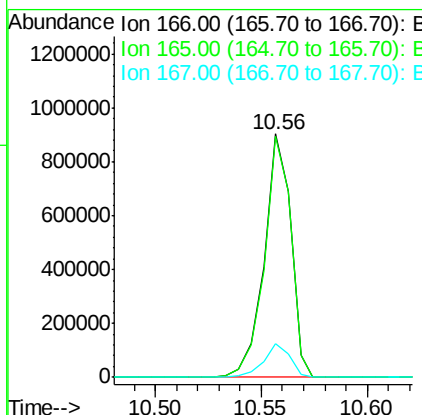
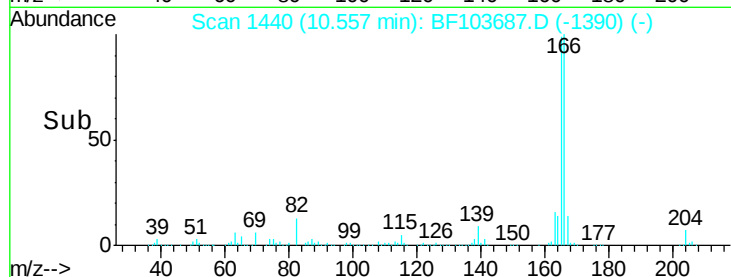
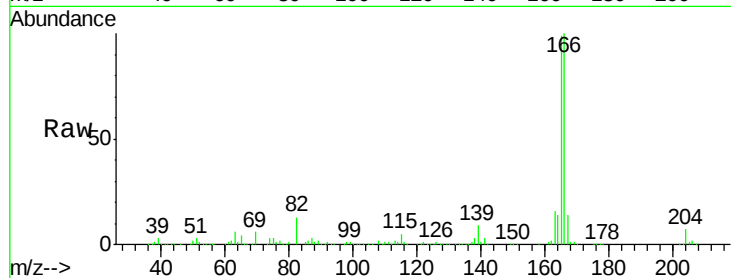
#57
 Fluorene
 Concen: 37.800 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.7	10.6	16.0

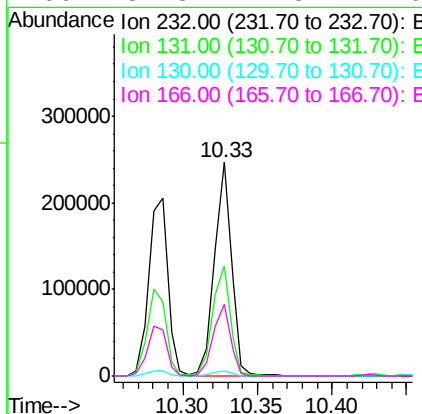
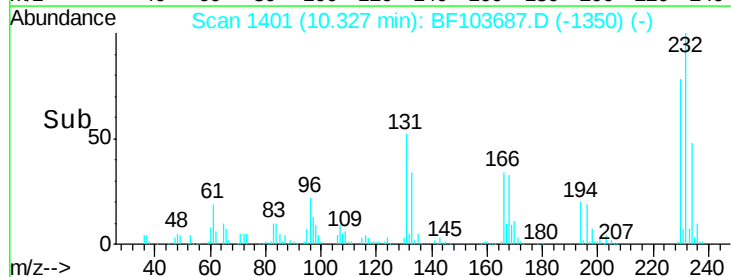
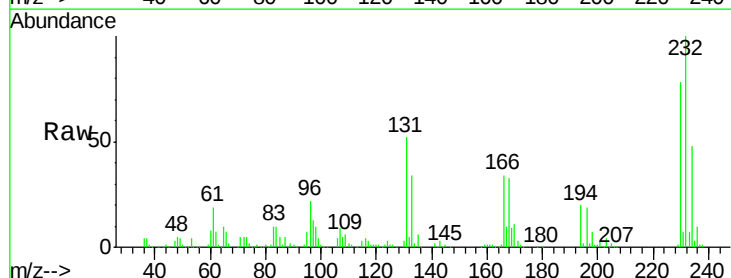
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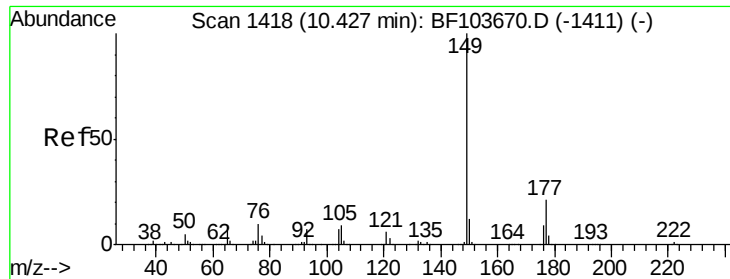
Sohil
 3/19/2018 2:00:36 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.443 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	43.8	65.8
130	2.6	2.1	3.1
166	34.3	27.8	41.6





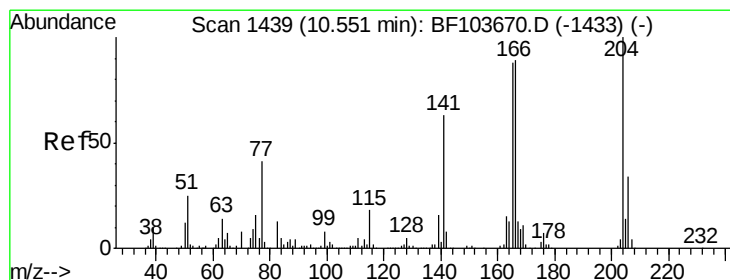
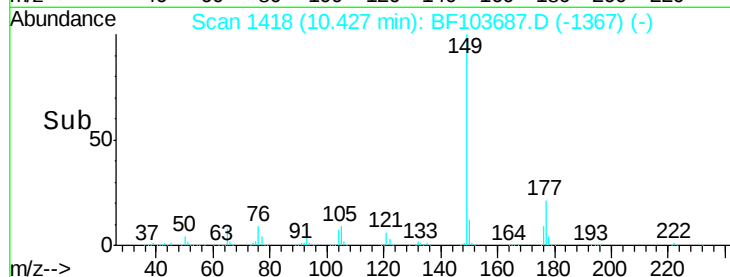
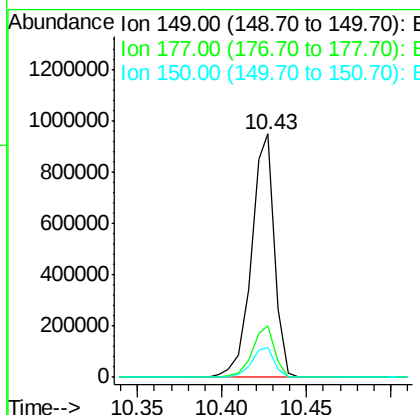
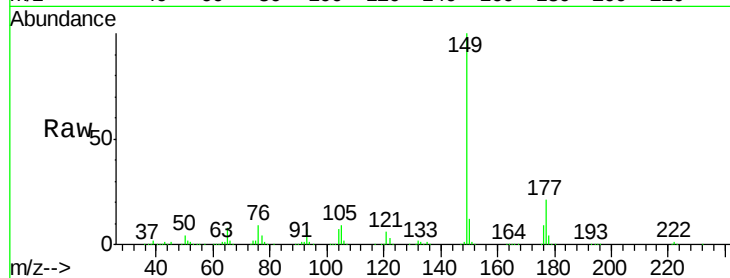
#59
Diethylphthalate
Concen: 38.238 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.4	10.1	15.1

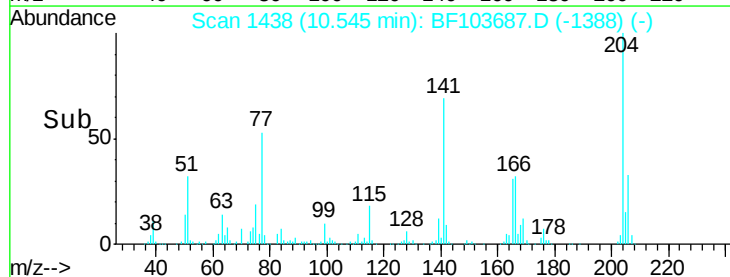
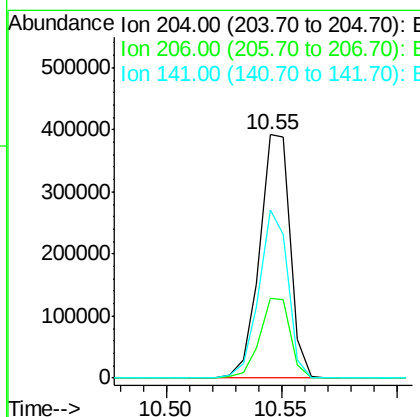
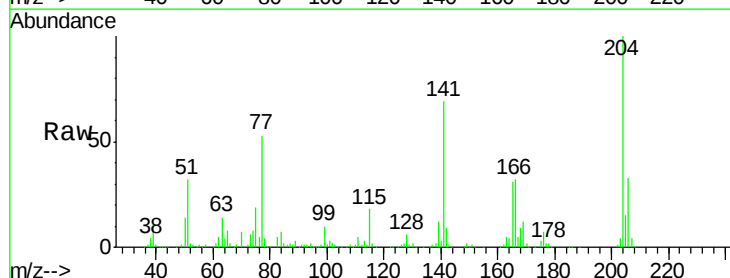
Manual Integrations
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3/19/2018 2:00:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.893 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	69.0	54.6	81.8





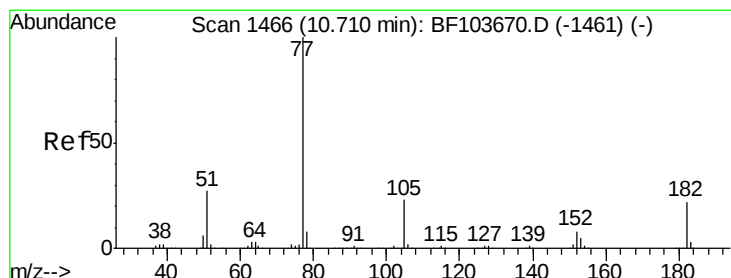
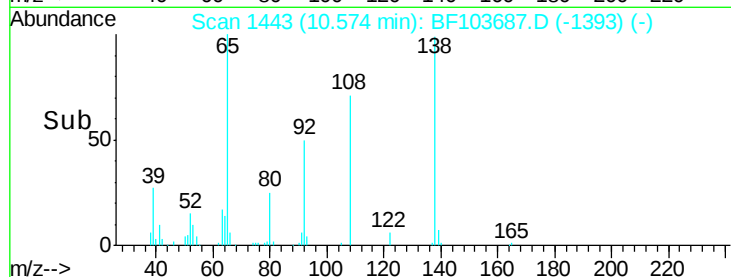
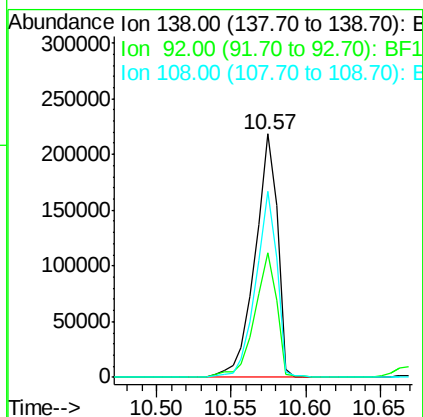
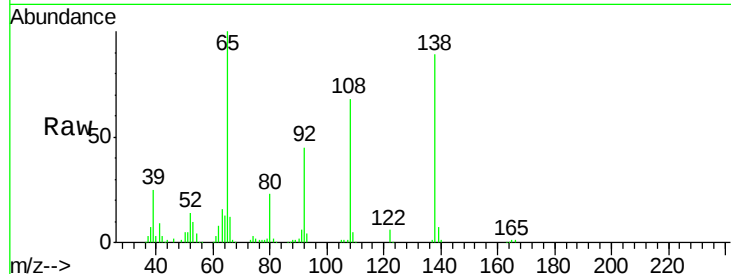
#61
4-Nitroaniline
Concen: 42.986 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	30.2	70.2
108	76.3	52.5	92.5

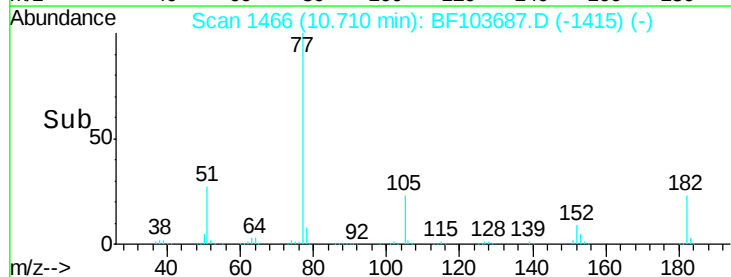
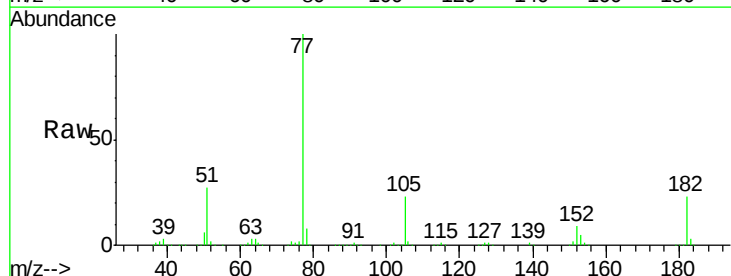
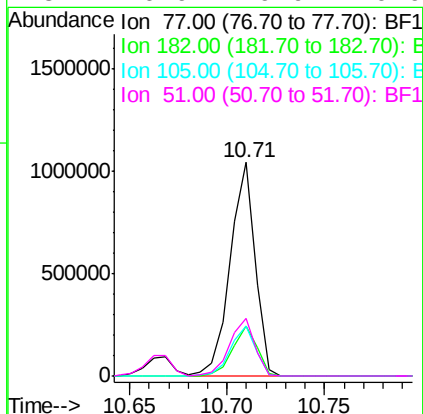
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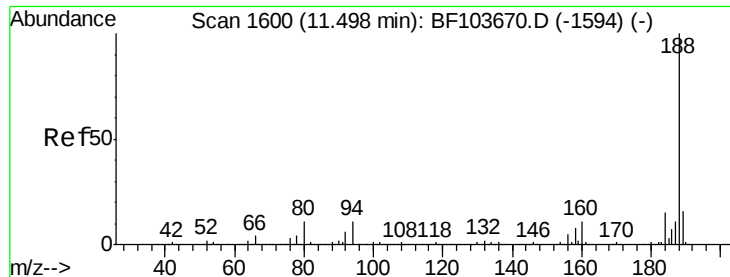
Sohil
3/19/2018 2:00:36 PM



#62
Azobenzene
Concen: 38.651 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	1.7	41.7
105	23.4	3.0	43.0
51	26.9	9.9	49.9





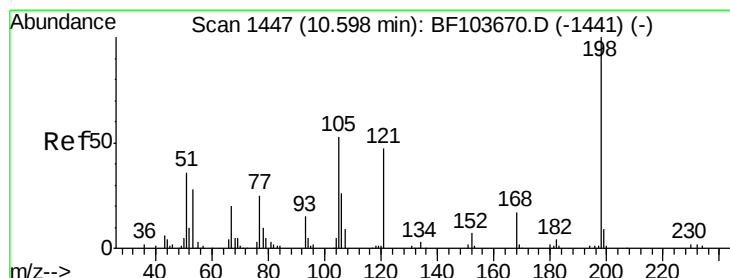
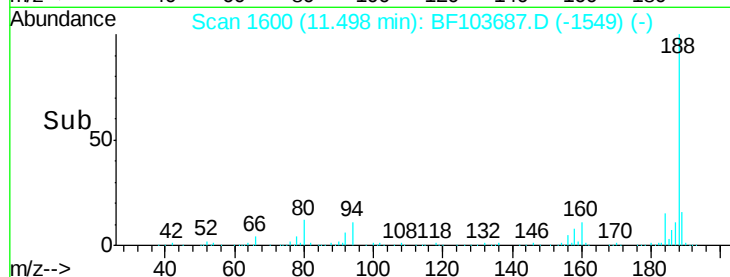
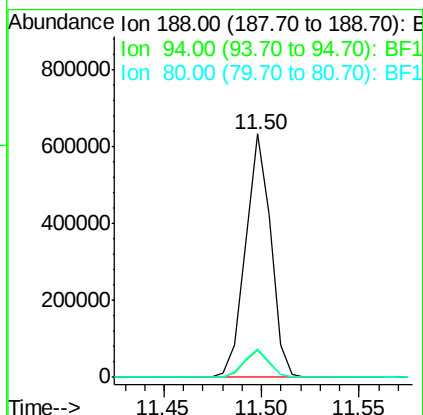
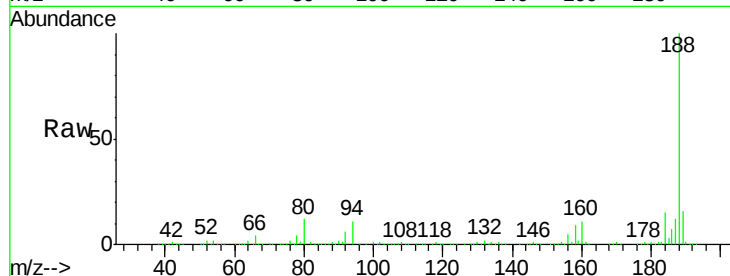
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.8	9.2	13.8

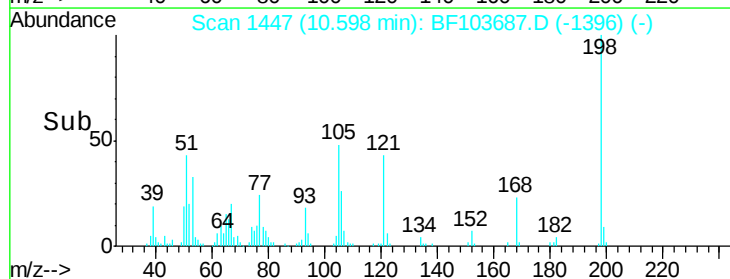
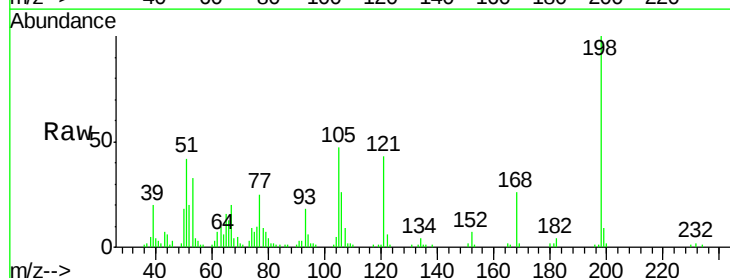
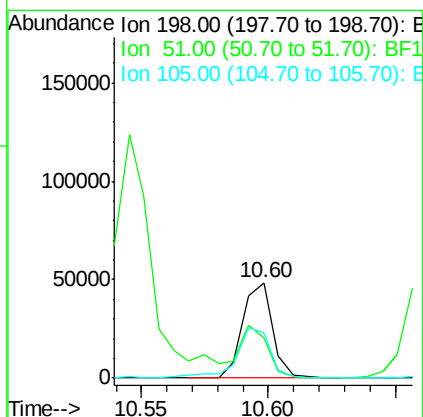
Manual Integrations
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.412 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.2	37.7	77.7
105	47.5	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 38.309 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

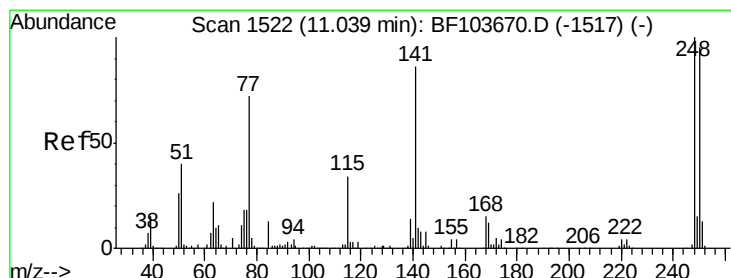
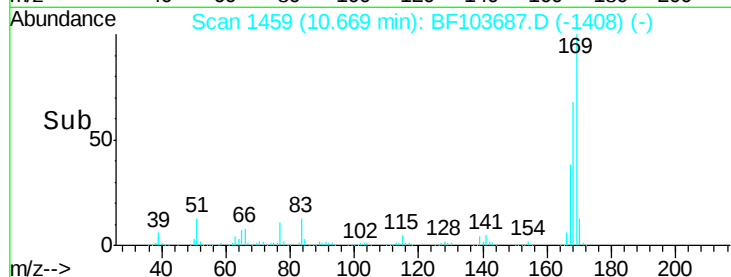
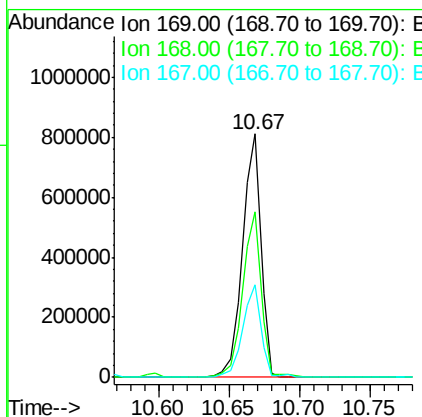
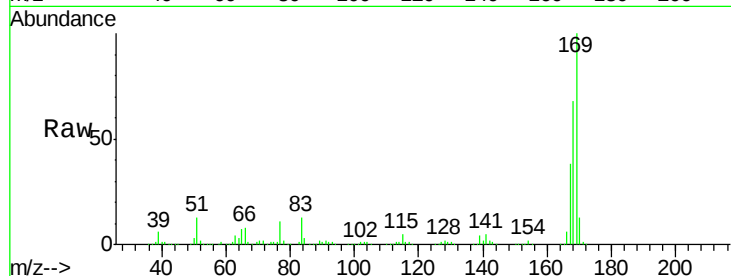
ClientSampleId :

PB107245BS

Tot Ion:	169	Resp:	738622
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.4	81.6
167	37.8	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 38.847 ng

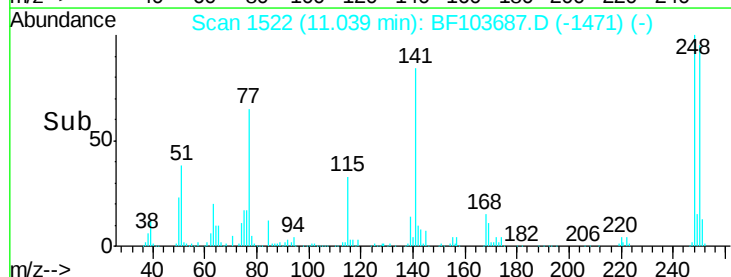
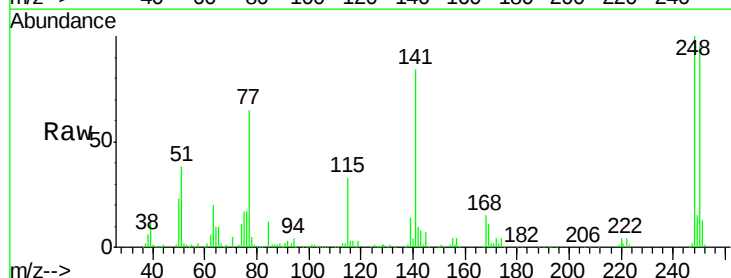
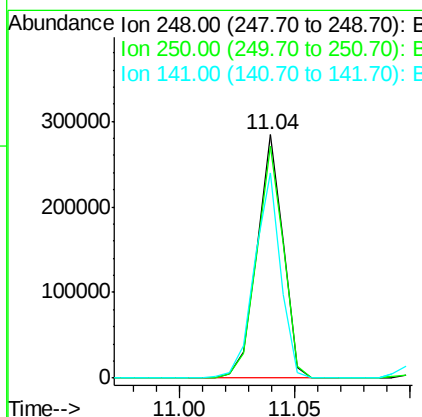
RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:	248	Resp:	225928
Ion Ratio	Lower	Upper	
248	100		
250	95.1	76.9	115.3
141	84.2	74.4	111.6





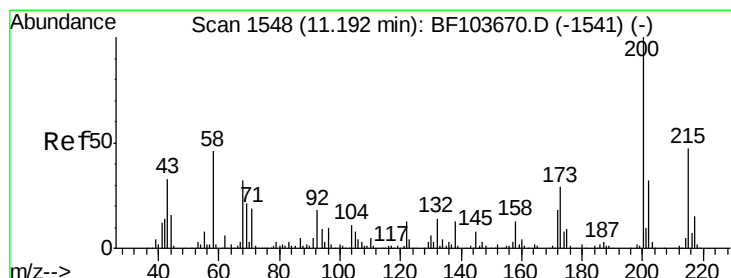
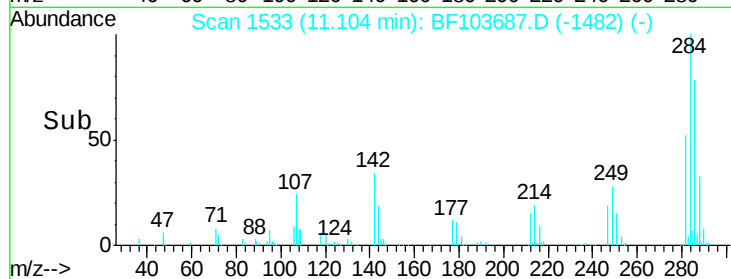
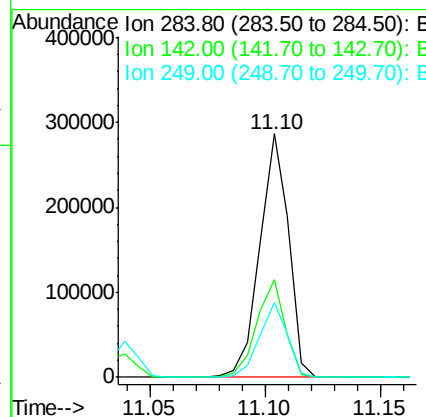
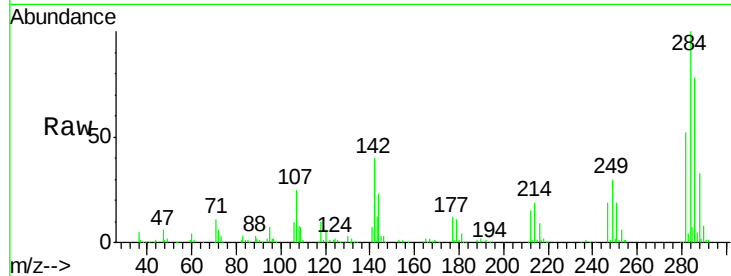
#67
Hexachlorobenzene
Concen: 37.551 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	249258		
142	40.3	34.6	52.0	
249	30.4	24.8	37.2	

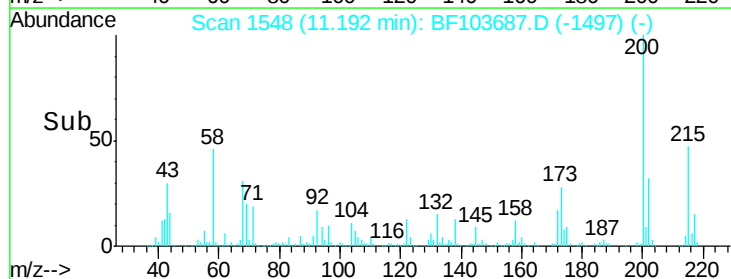
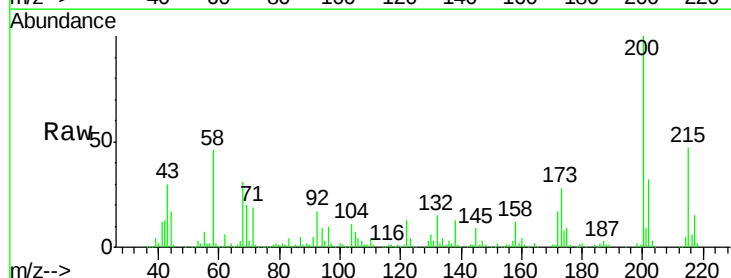
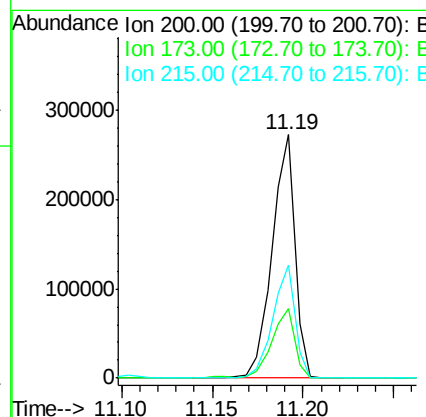
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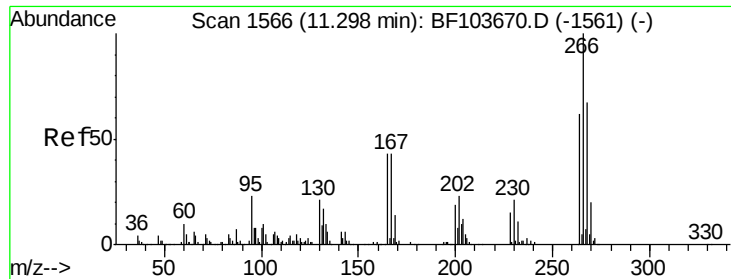
Sohil
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#68
Atrazine
Concen: 40.073 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	239009		
173	28.3	8.6	48.6	
215	46.5	25.1	65.1	





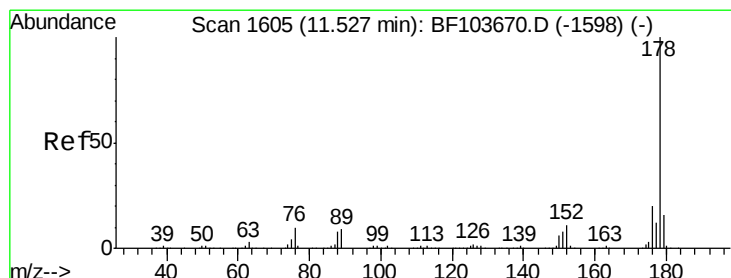
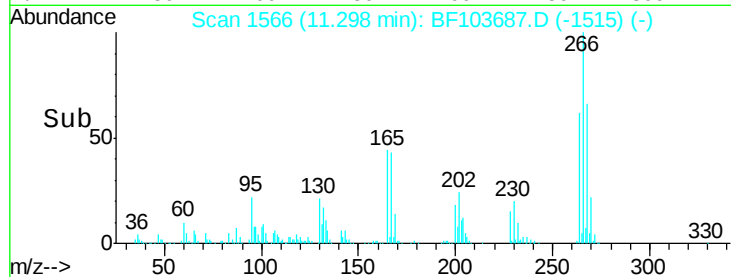
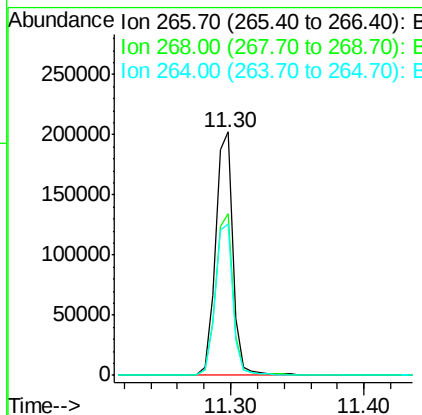
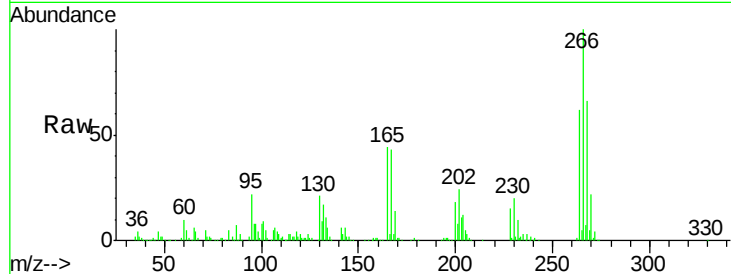
#69
 Pentachlorophenol
 Concen: 49.236 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.1	76.7
264	62.3	49.5	74.3

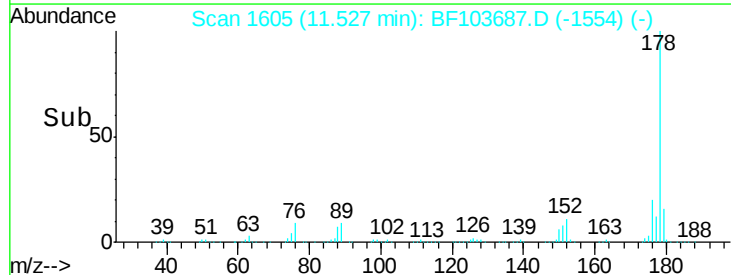
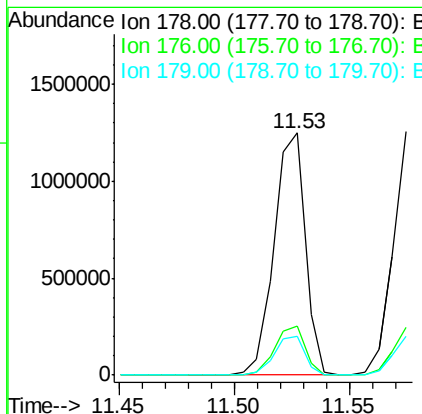
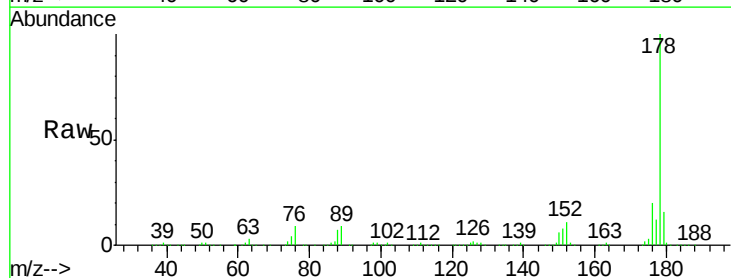
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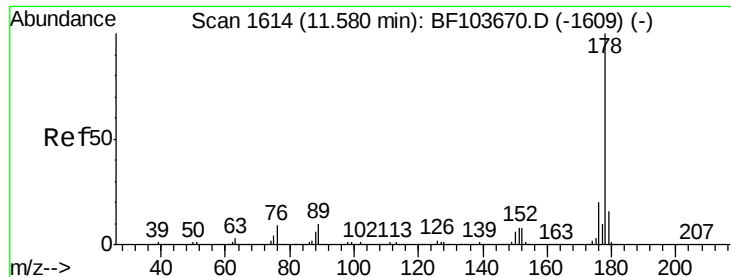
Sohil
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#70
 Phenanthrene
 Concen: 37.688 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.9	13.0	19.6





#71
 Anthracene
 Concen: 38.732 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

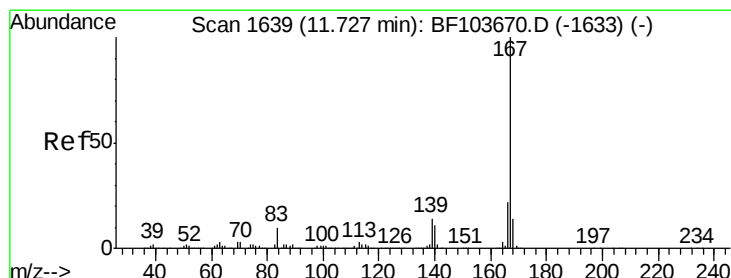
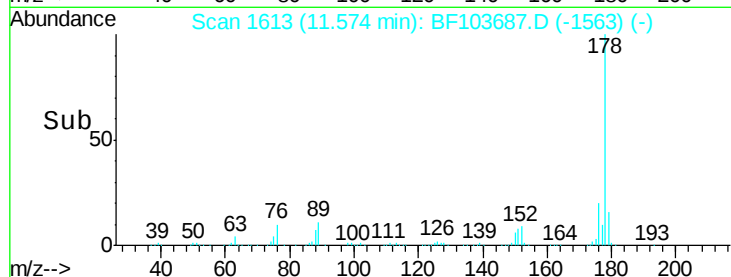
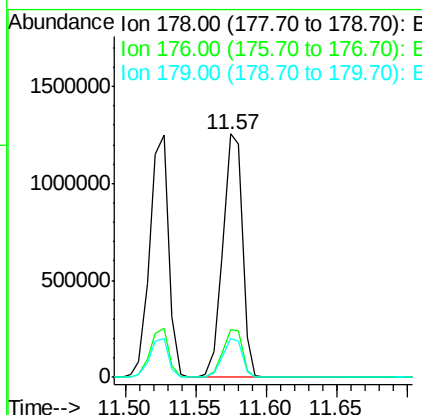
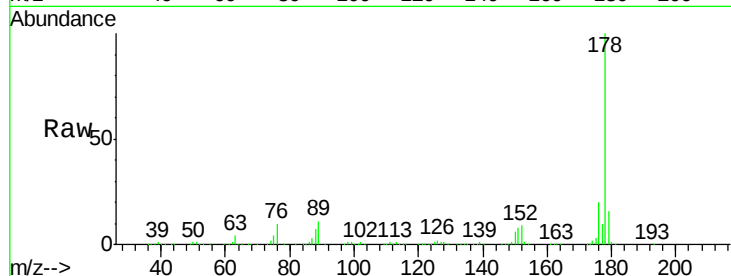
Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion:178 Resp: 1218945

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.0	12.6	19.0

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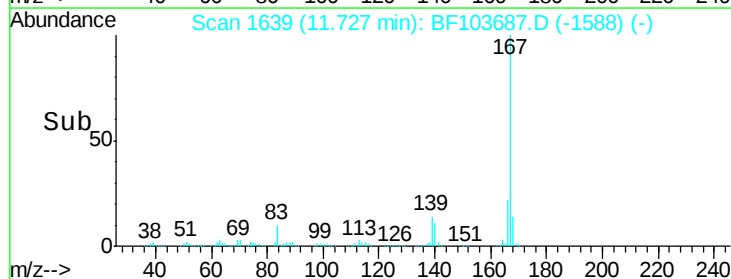
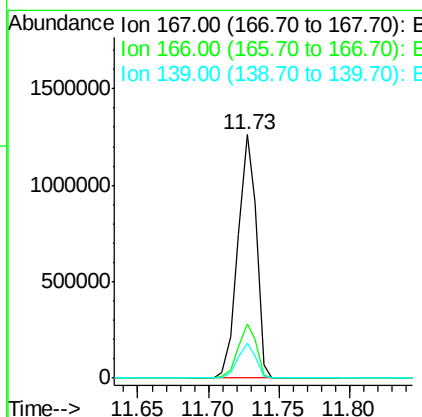
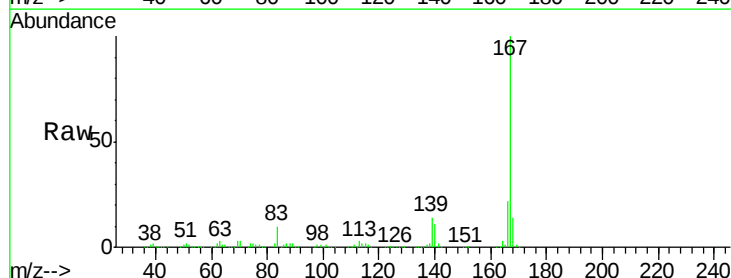
Sohil
 3/19/2018 2:00:36 PM

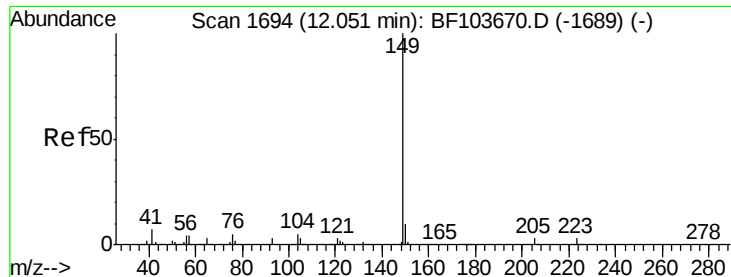


#72
 Carbazole
 Concen: 37.461 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion:167 Resp: 1145859

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.824 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

PB107245BS

Tot Ion:149 Resp: 1461626

Ion Ratio Lower Upper

149 100

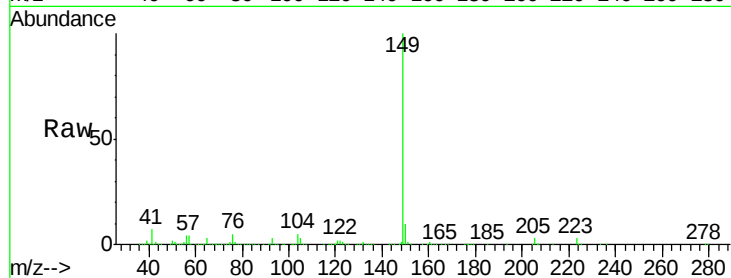
150 9.7 7.8 11.6

104 5.2 3.8 5.8

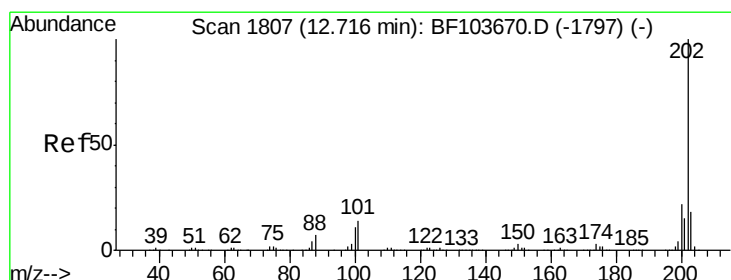
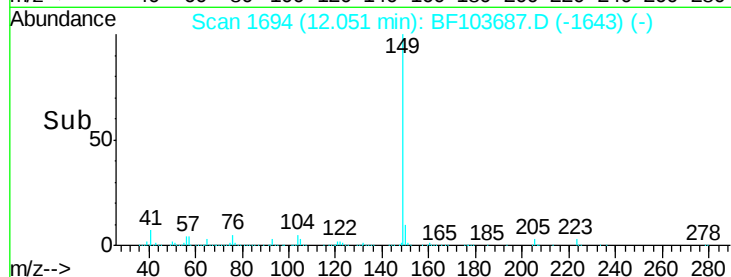
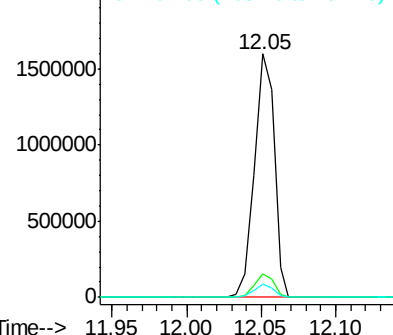
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.122 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

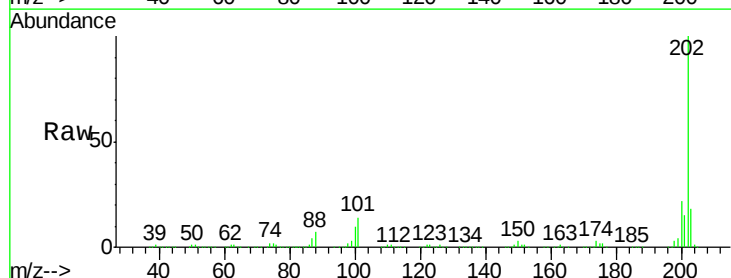
Tgt Ion:202 Resp: 1248881

Ion Ratio Lower Upper

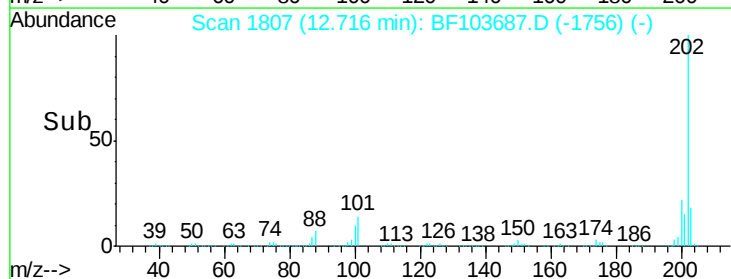
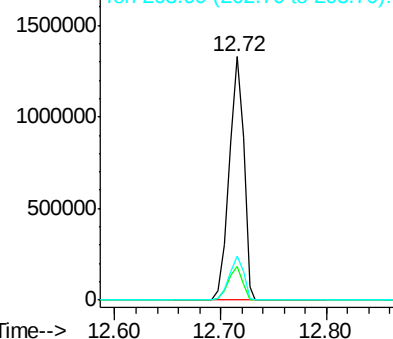
202 100

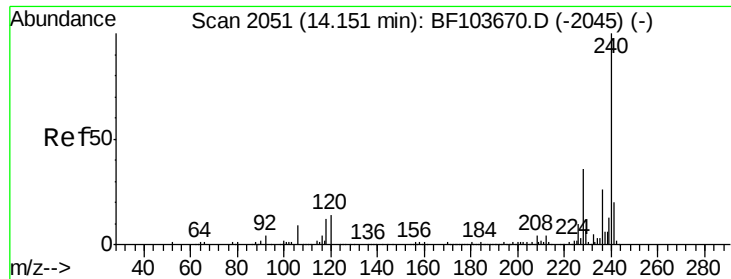
101 13.9 0.0 34.1

203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

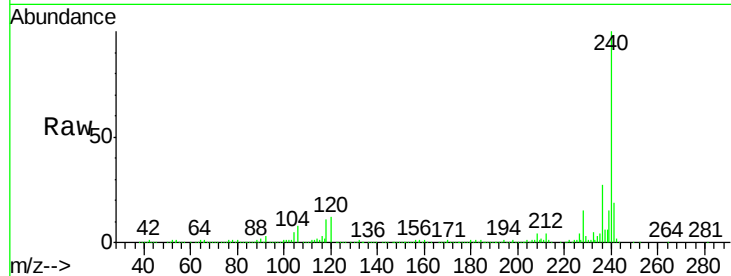
ClientSampleId :

PB107245BS

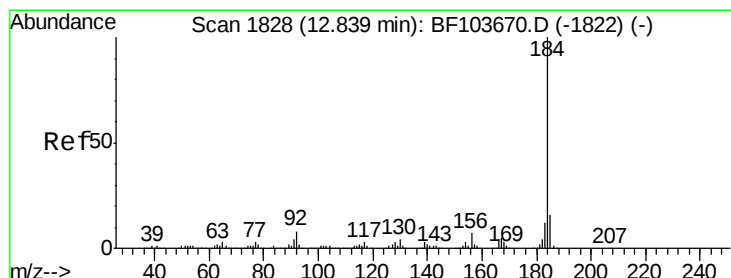
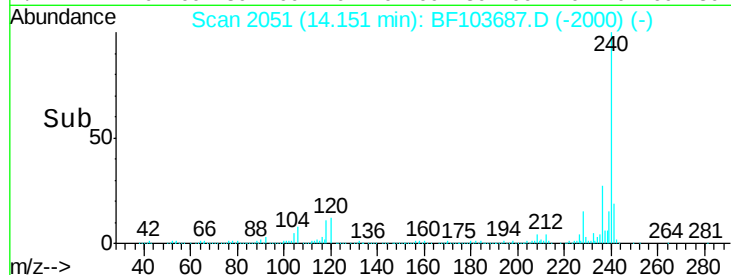
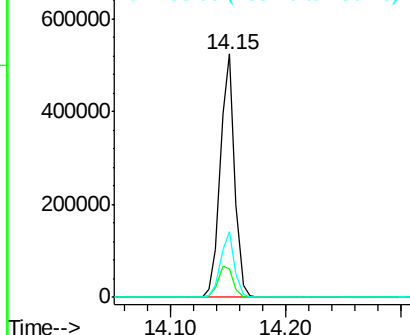
Tot Ion:	240	Resp:	452925
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	26.8	20.7	31.1

Manual Integrations
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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: 23.396 ng

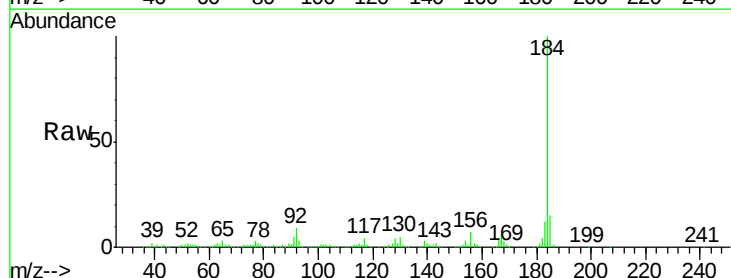
RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

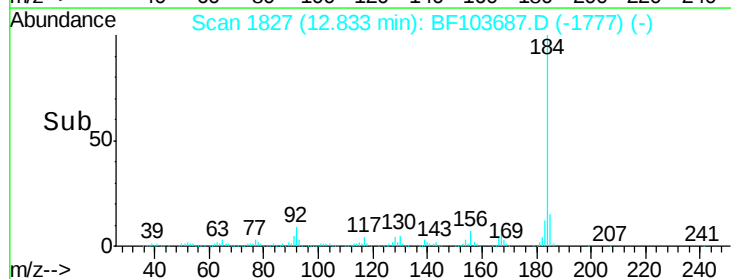
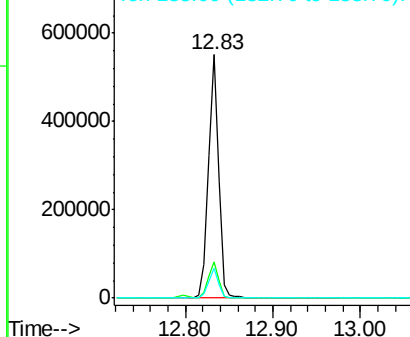
Lab File: BF103687.D

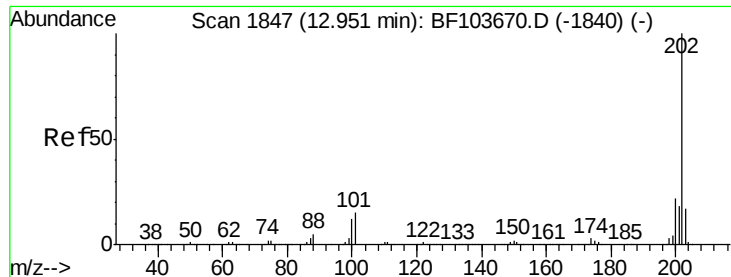
Acq: 16 Mar 2018 11:03

Tgt Ion:	184	Resp:	451957
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	12.2	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





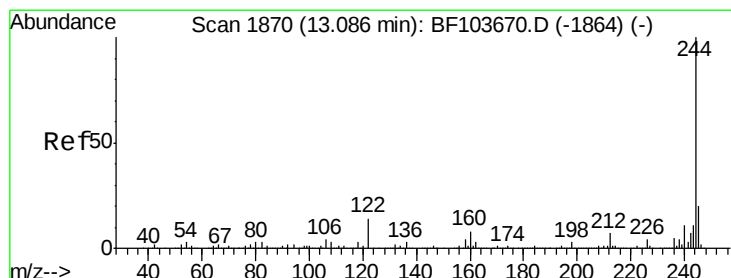
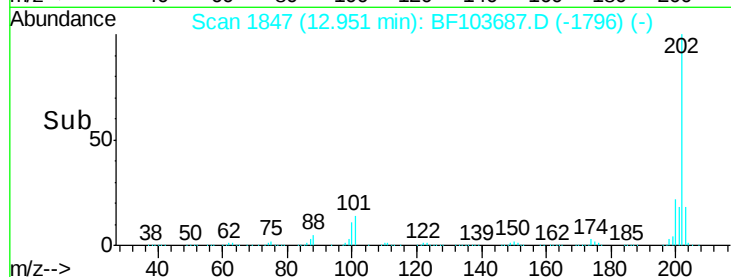
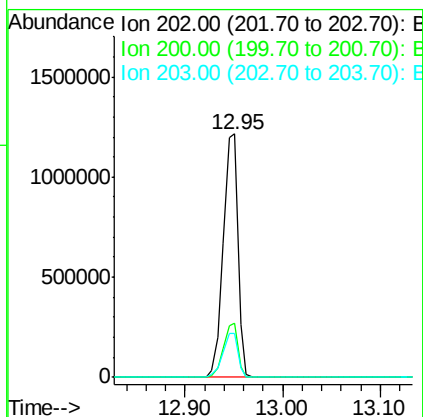
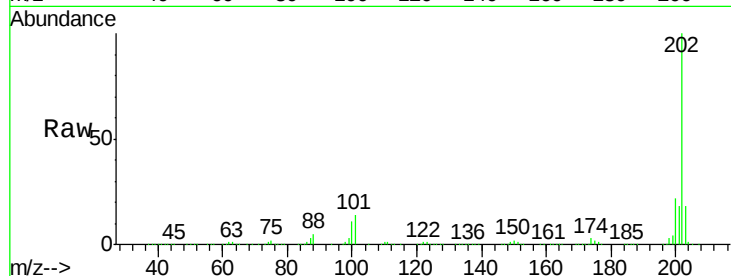
#77
Pvrene
Concen: 38.253 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.8	14.3	21.5

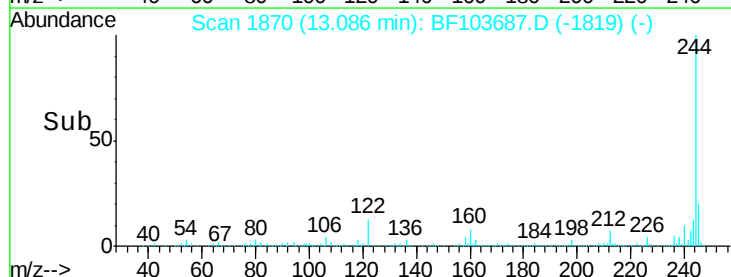
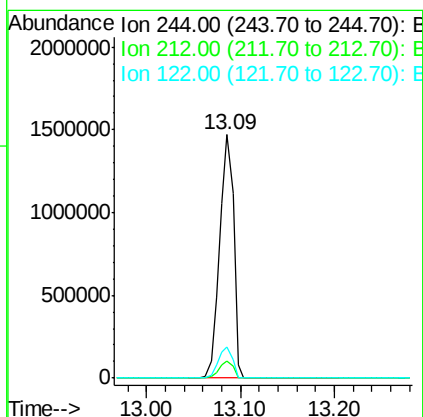
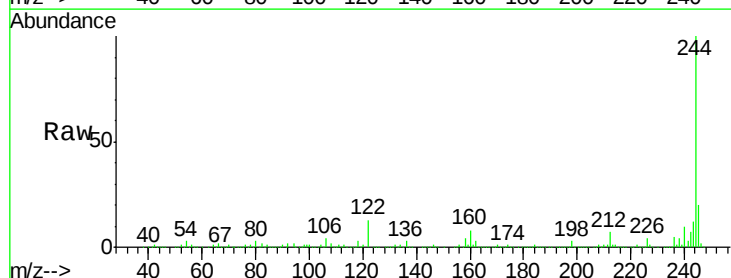
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#78
Terphenyl-d14
Concen: 78.541 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.0	11.0	16.4





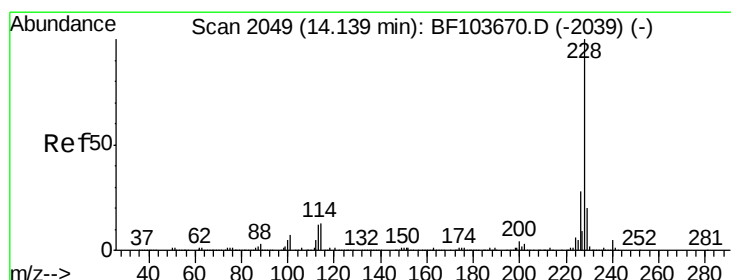
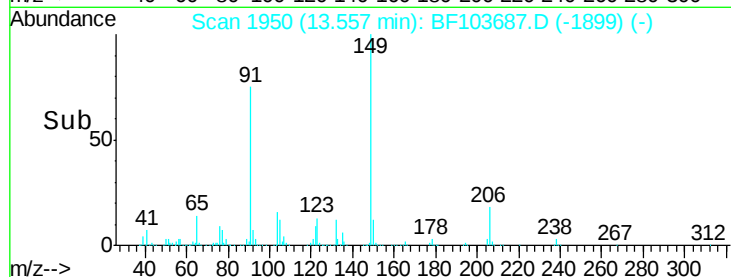
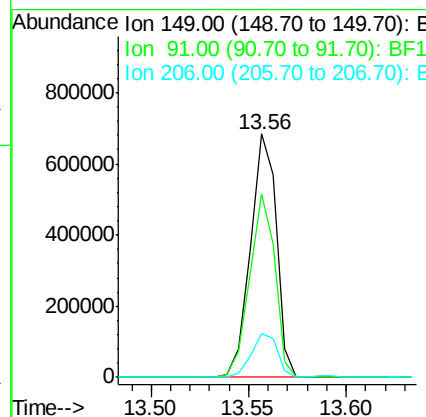
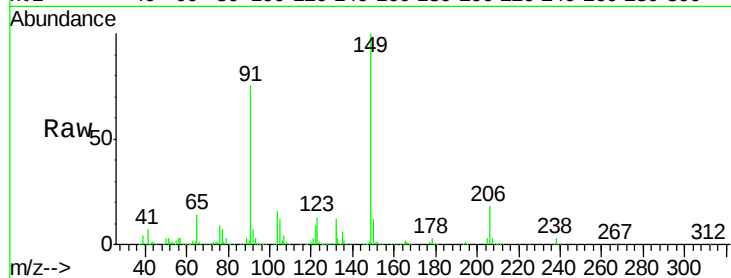
#79
Butylbenzylphthalate
Concen: 42.670 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.8	85.2
206	17.9	14.1	21.1

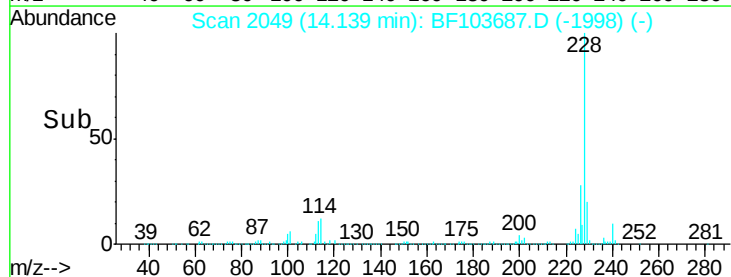
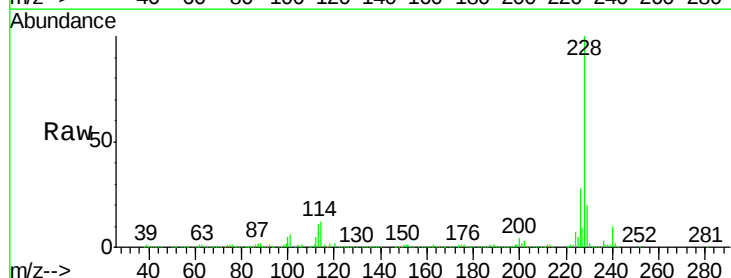
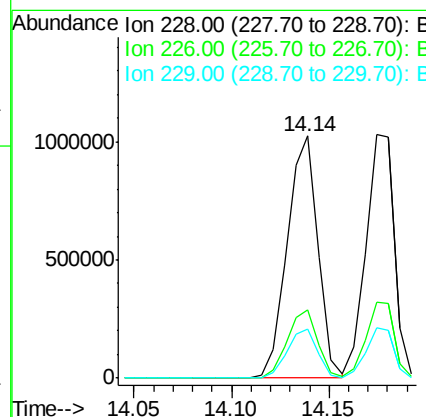
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#80
Benzo(a)anthracene
Concen: 38.790 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.2	15.8	23.6





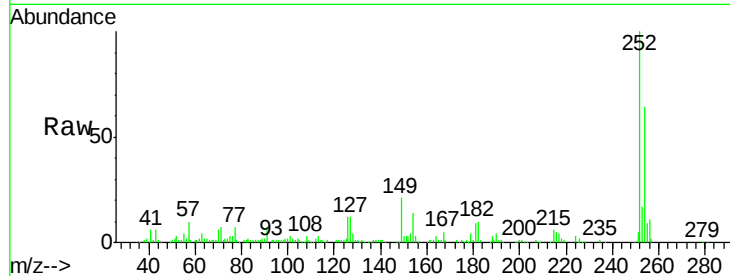
#81
 3,3'-Dichlorobenzidine
 Concen: 12.438 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

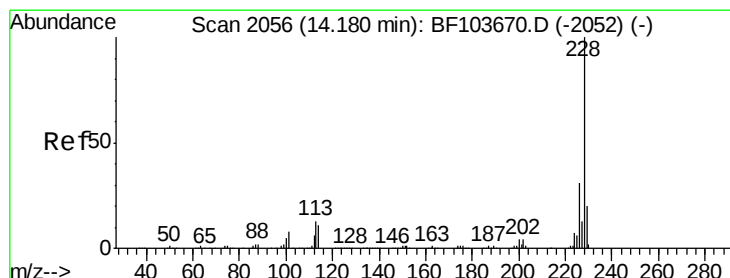
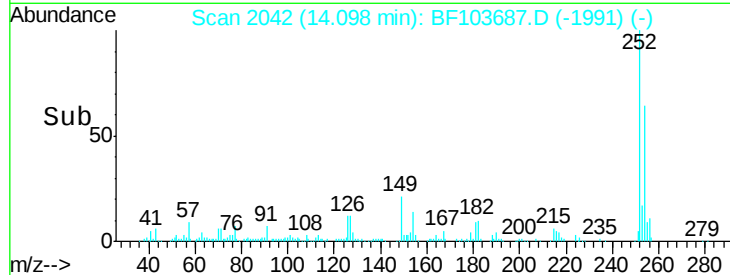
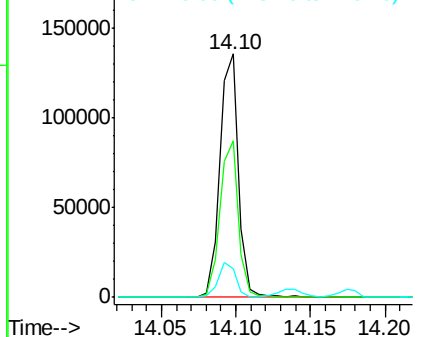
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	11.6	11.3	16.9

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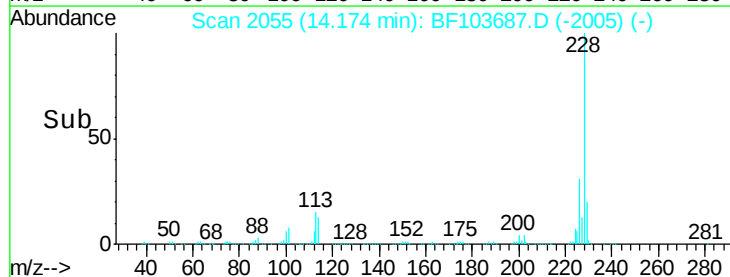
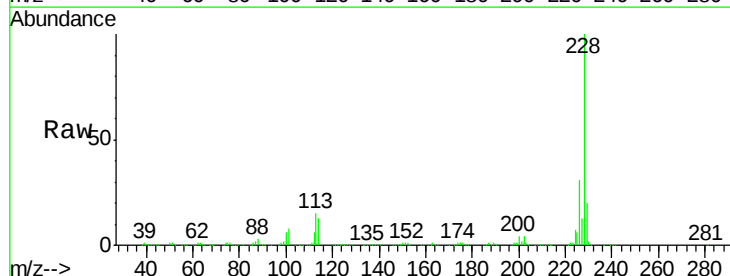
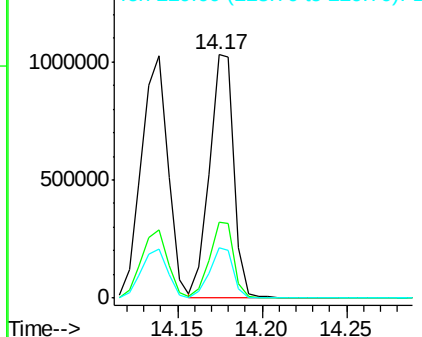
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

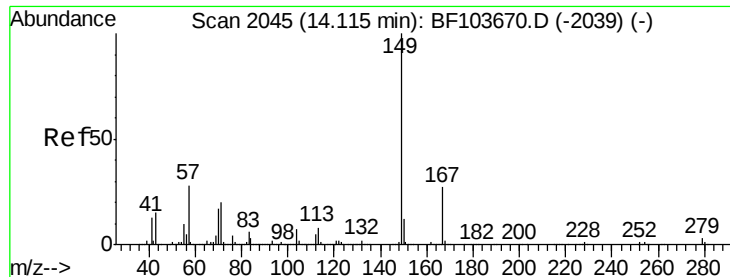


#82
 Chrysene
 Concen: 38.127 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.5	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





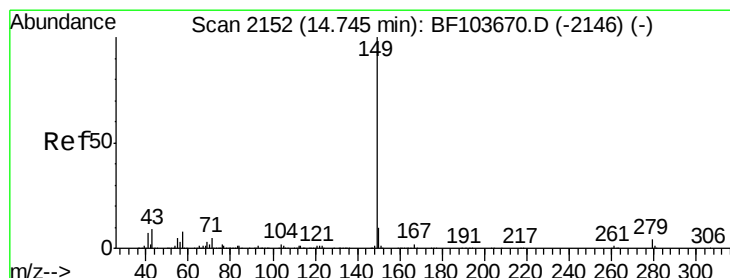
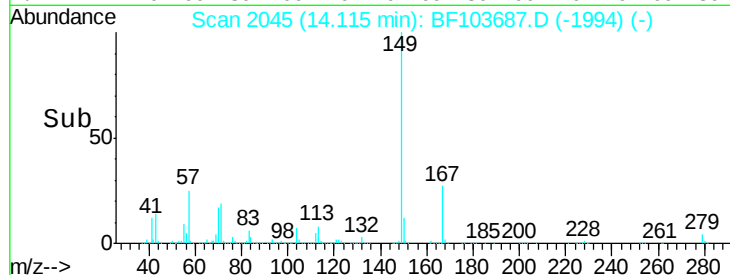
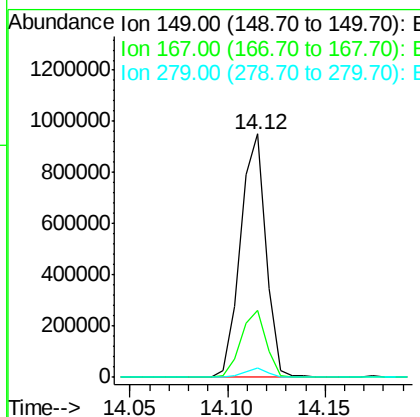
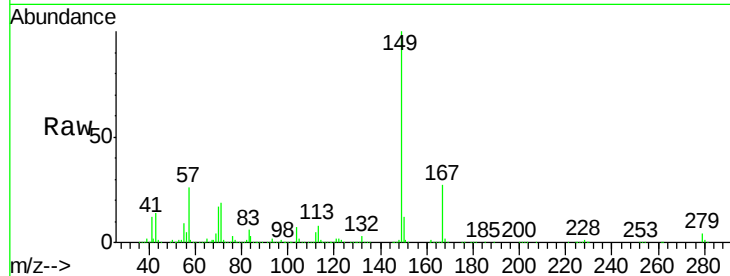
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.880 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.6	3.0	4.4

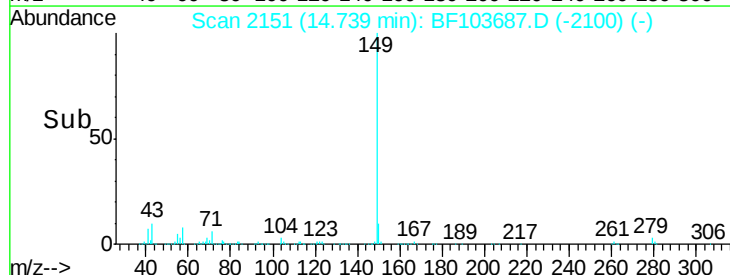
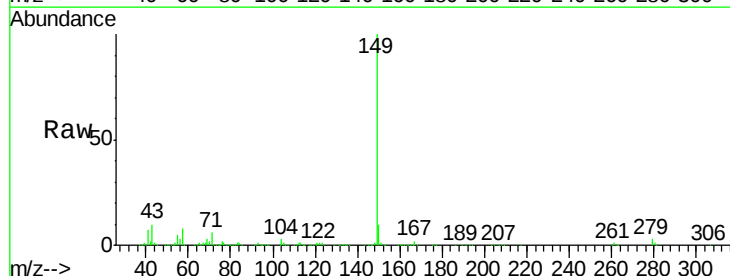
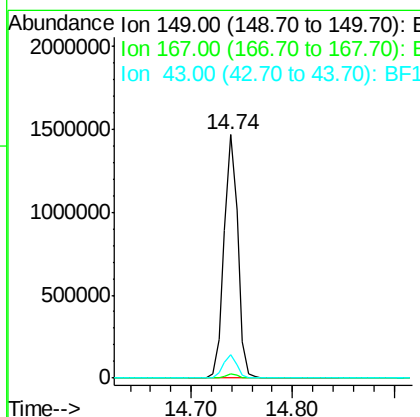
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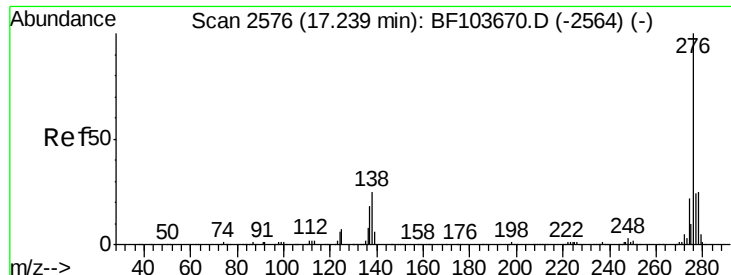
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#84
Di-n-octyl phthalate
Concen: 44.941 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6





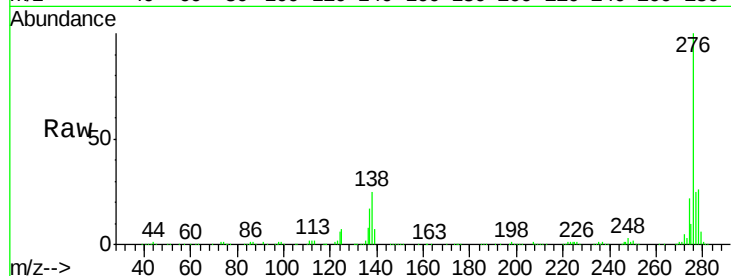
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.541 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

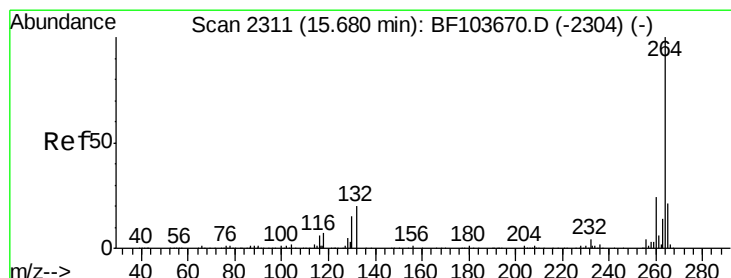
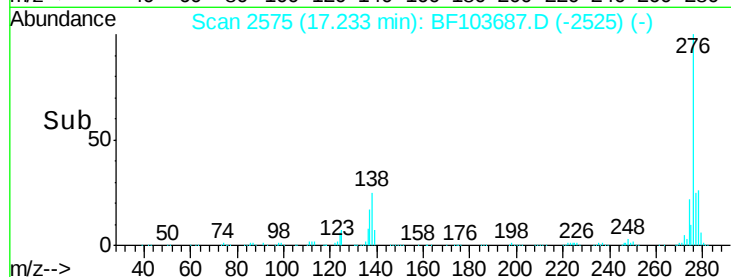
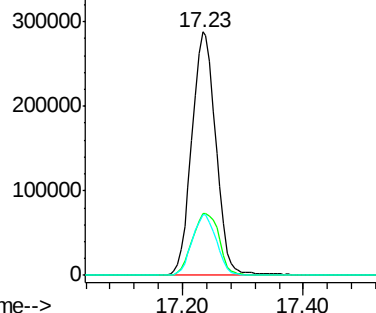
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.0	37.6
277	25.3	20.1	30.1

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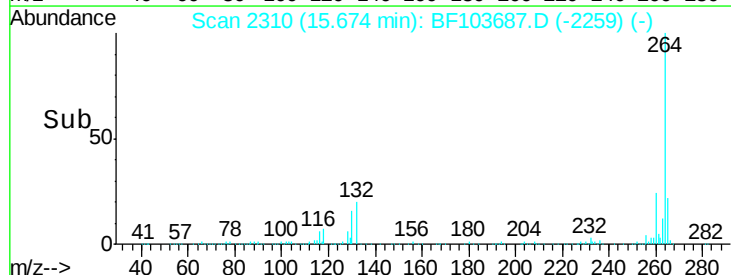
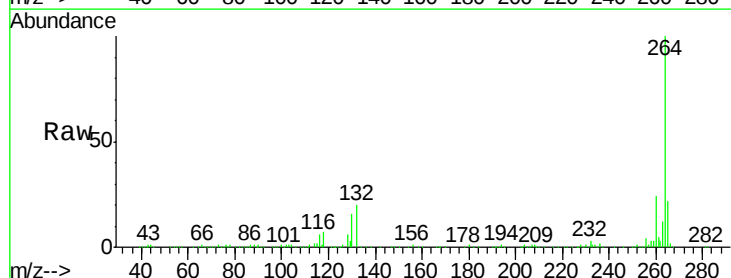
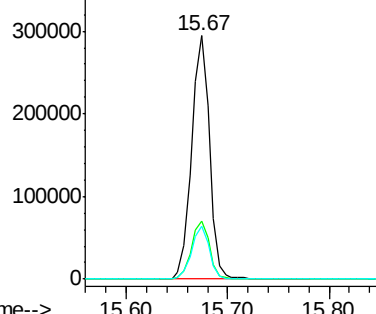
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

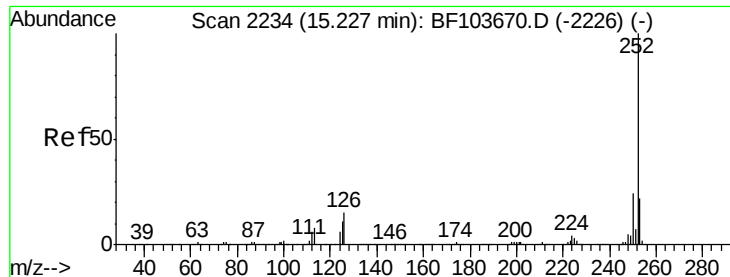


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.654 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

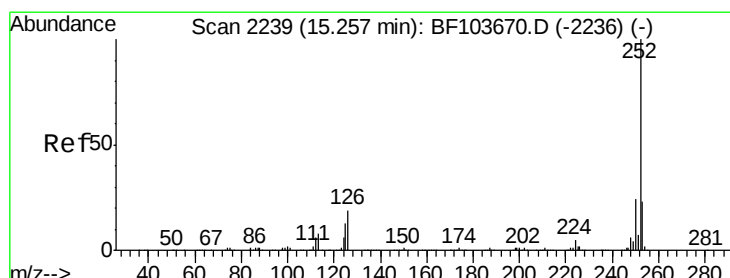
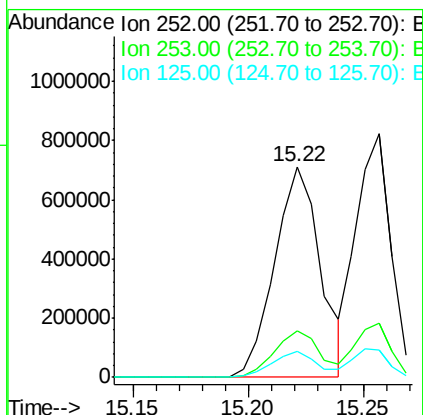
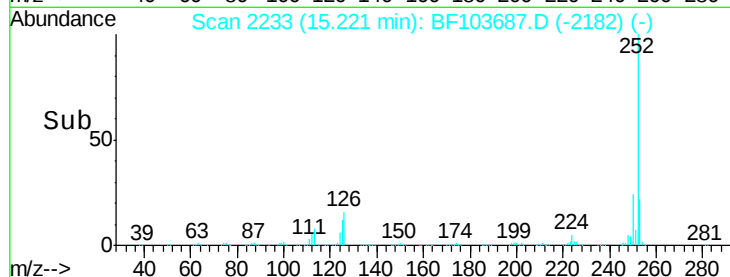
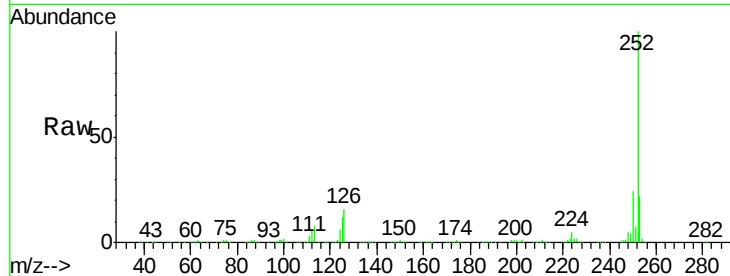
Instrument :
BNA_F

ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.1	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 39.554 ng

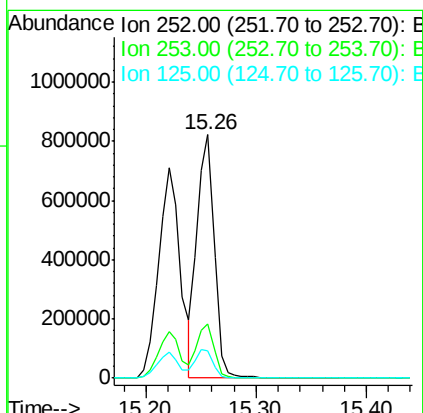
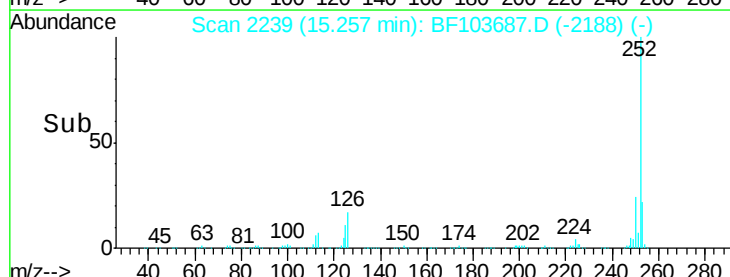
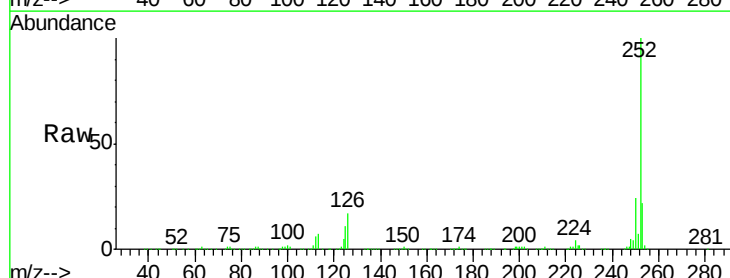
RT: 15.26 min Scan# 2239

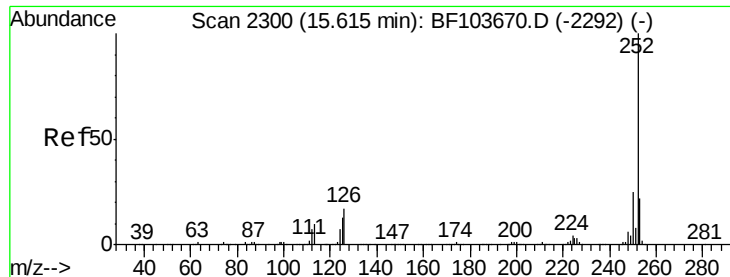
Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.4	10.2	15.2





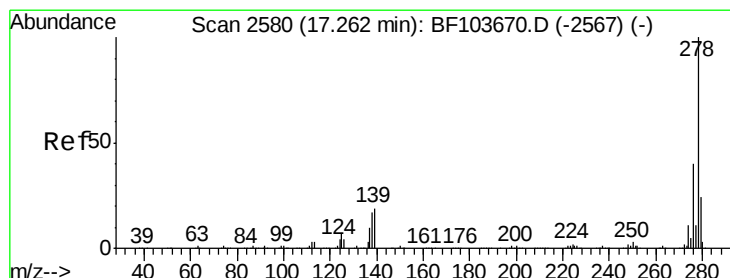
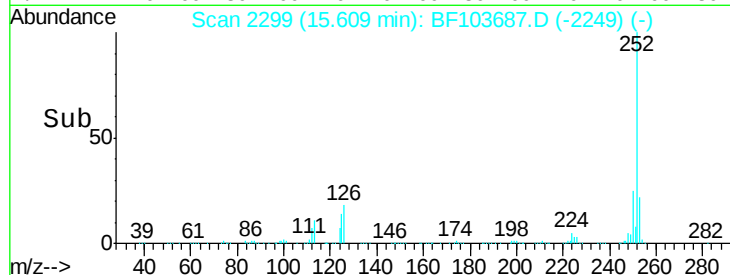
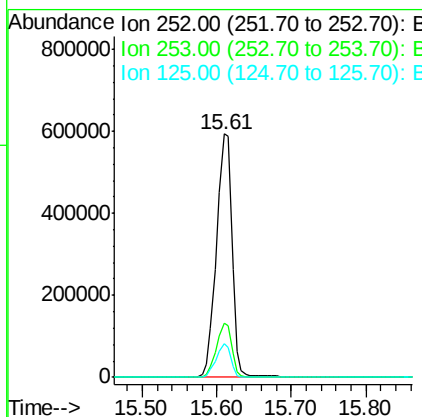
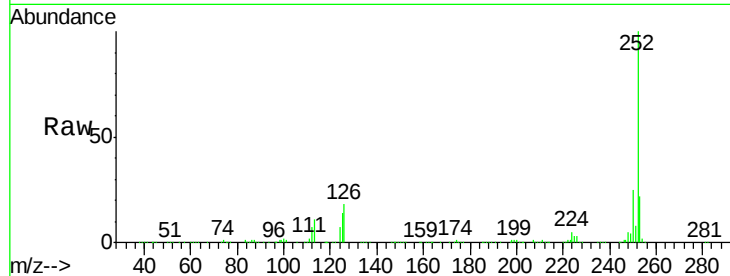
#89
Benzo(a)pyrene
Concen: 41.598 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :
PB107245BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.7	9.8	14.6

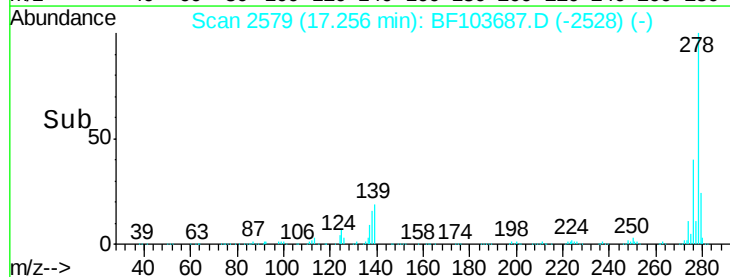
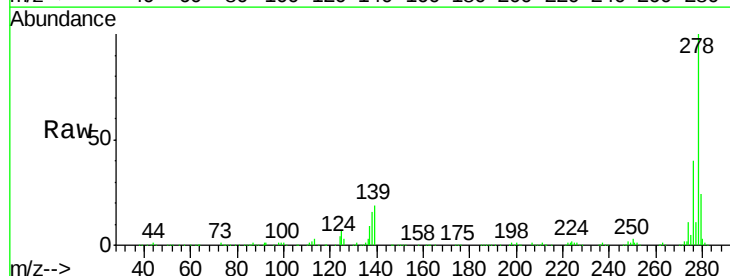
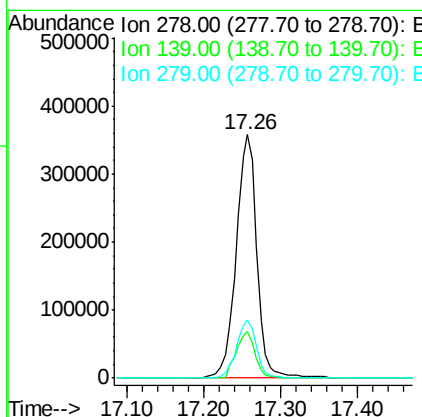
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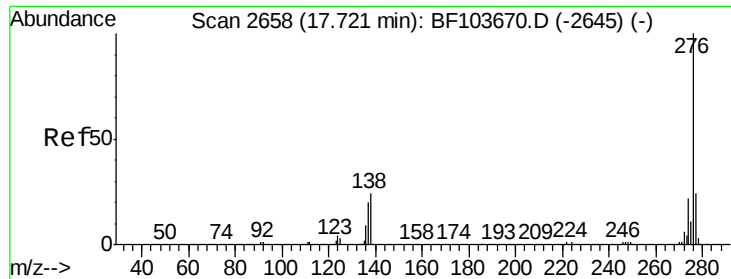
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#90
Dibenzo(a,h)anthracene
Concen: 37.377 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.9	23.9
279	23.6	19.0	28.4





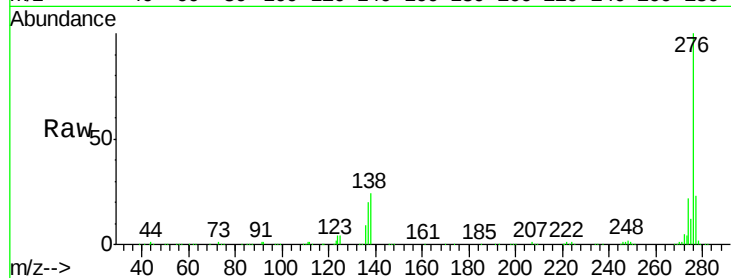
#91
 Benzo(a,h,i)perylene
 Concen: 37.633 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BS

Tot Ion:	276	Resp:	659461
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	23.7	21.8	32.8

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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

