

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103851.D
 Acq On : 22 Mar 2018 15:00
 Operator : JU/SJ
 Sample : PB107548BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Manual Integrations
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Sohil
 3/23/2018 2:46:32 PM

Quant Time: Mar 22 17:11:11 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157137	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	650926	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	312896	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	573735	20.00	ng	0.00
75) Chrysene-d12	14.19	240	402716	20.00	ng	0.02
86) Perylene-d12	15.74	264	345553	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1174652	113.70	ng	0.01
7) Phenol-d6	6.60	99	1487173	117.66	ng	0.00
23) Nitrobenzene-d5	7.54	82	903491	96.79	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	389794	144.89	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1588454	80.98	ng	0.00
78) Terphenyl-d14	13.10	244	1644801	94.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	159210	31.297	ng	# 91
3) Pyridine	3.66	79	462882	33.081	ng	90
4) n-Nitrosodimethylamine	3.62	42	186855	36.218	ng	# 77
6) Aniline	6.64	93	503689	27.908	ng	95
8) 2-Chlorophenol	6.76	128	442338	40.872	ng	92
9) Benzaldehyde	6.52	77	125611	15.127	ng	99
10) Phenol	6.61	94	521167	38.804	ng	98
11) bis(2-Chloroethyl)ether	6.71	93	414521	37.386	ng	92
12) 1,3-Dichlorobenzene	6.92	146	449155	36.439	ng	98
13) 1,4-Dichlorobenzene	6.99	146	457411	36.929	ng	98
14) 1,2-Dichlorobenzene	7.15	146	418506	36.412	ng	98
15) Benzyl Alcohol	7.11	79	379611	38.763	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	548532	34.784	ng	93
17) 2-Methylphenol	7.22	107	375262	38.937	ng	98
18) Hexachloroethane	7.48	117	167064	38.345	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	291489	35.985	ng	93
20) 3+4-Methylphenols	7.37	107	459985	37.608	ng	92
22) Acetophenone	7.38	105	574273	34.328	ng	# 93
24) Nitrobenzene	7.56	77	451936	41.241	ng	96
25) Isophorone	7.79	82	844843	39.099	ng	99
26) 2-Nitrophenol	7.87	139	240659	55.809	ng	94
27) 2,4-Dimethylphenol	7.90	122	417848	45.139	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	537877	41.108	ng	99
29) 2,4-Dichlorophenol	8.11	162	373780	44.383	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	371627	38.046	ng	99
31) Naphthalene	8.28	128	1234708	37.550	ng	100
32) Benzoic acid	8.02	122	268934	42.583	ng	98
33) 4-Chloroaniline	8.32	127	207144	15.016	ng	94
34) Hexachlorobutadiene	8.39	225	197793	36.933	ng	99
35) Caprolactam	8.70	113	131590m	45.376	ng	
36) 4-Chloro-3-methylphenol	8.80	107	408655	44.016	ng	98
37) 2-Methylnaphthalene	8.97	142	830088	39.809	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	346356	38.801	ng	99
40) Hexachlorocyclopentadiene	9.12	237	345281	74.961	ng	99

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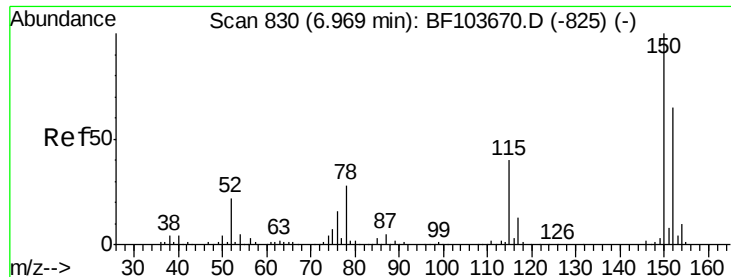
Manual Integrations
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Quant Time: Mar 22 17:11:11 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	258521	45.278	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	278685	43.244	ng	96
45) 1,1'-Biphenyl	9.43	154	968351	37.114	ng	99
46) 2-Chloronaphthalene	9.46	162	782293	37.750	ng	98
47) 2-Nitroaniline	9.56	65	247243	45.947	ng	93
48) Acenaphthylene	9.88	152	1211657	37.705	ng	99
49) Dimethylphthalate	9.73	163	941234	39.428	ng	100
50) 2,6-Dinitrotoluene	9.80	165	219559	47.582	ng	# 87
51) Acenaphthene	10.05	154	736307	38.589	ng	99
52) 3-Nitroaniline	9.96	138	149538	28.686	ng	100
53) 2,4-Dinitrophenol	10.07	184	175260	101.567	ng	# 21
54) Dibenzofuran	10.22	168	1095523	40.201	ng	98
55) 4-Nitrophenol	10.13	139	384003	87.372	ng	91
56) 2,4-Dinitrotoluene	10.20	165	291771	49.629	ng	# 93
57) Fluorene	10.57	166	828705	39.189	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	220603	48.310	ng	95
59) Diethylphthalate	10.43	149	921587	38.896	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	390699	40.427	ng	92
61) 4-Nitroaniline	10.59	138	242389	45.699	ng	96
62) Azobenzene	10.72	77	894334	37.126	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	123283	54.712	ng	89
65) n-Nitrosodiphenylamine	10.67	169	774302	39.649	ng	98
66) 4-Bromophenyl-phenylether	11.05	248	243772	41.382	ng	95
67) Hexachlorobenzene	11.12	284	268223	39.894	ng	# 91
68) Atrazine	11.20	200	257135	42.564	ng	98
69) Pentachlorophenol	11.31	266	273038	70.637	ng	96
70) Phenanthrene	11.53	178	1215831	38.740	ng	99
71) Anthracene	11.59	178	1257644	39.454	ng	100
72) Carbazole	11.74	167	1196861	38.631	ng	100
73) Di-n-butylphthalate	12.06	149	1479840	39.807	ng	100
74) Fluoranthene	12.73	202	1279551	39.574	ng	99
76) Benzidine	12.85	184	516002	30.042	ng	97
77) Pyrene	12.96	202	1260032	42.604	ng	100
79) Butylbenzylphthalate	13.57	149	622907	47.538	ng	99
80) Benzo(a)anthracene	14.17	228	1048396	41.127	ng	99
81) 3,3'-Dichlorobenzidine	14.13	252	236106	27.690	ng	98
82) Chrysene	14.21	228	969112	39.881	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	867149	46.324	ng	99
84) Di-n-octyl phthalate	14.79	149	1385401	50.872	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.34	276	938230	44.212	ng	98
87) Benzo(b)fluoranthene	15.29	252	895293	41.010	ng	97
88) Benzo(k)fluoranthene	15.32	252	808389	38.521	ng	99
89) Benzo(a)pyrene	15.69	252	820007	41.412	ng	99
90) Dibenzo(a,h)anthracene	17.36	278	773339	45.104	ng	98
91) Benzo(g,h,i)perylene	17.82	276	779864	46.754	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

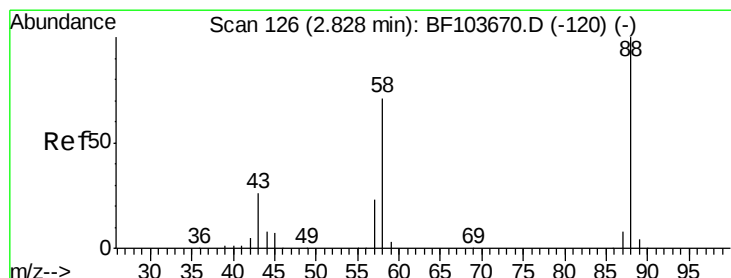
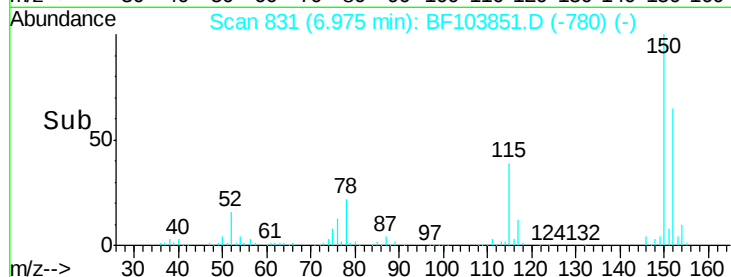
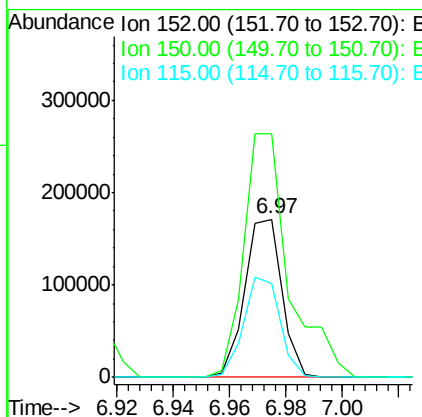
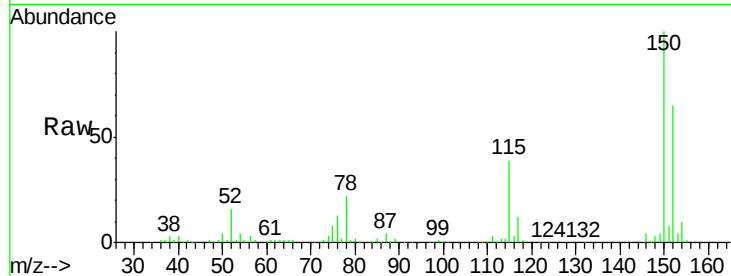
ClientSampleId :

PB107548BS

Tgt Ion:	152	Resp:	157137
Ion Ratio	Lower	Upper	
152	100		
150	153.9	124.6	186.8
115	59.5	50.1	75.1

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#2

1,4-Dioxane

Concen: 31.297 ng

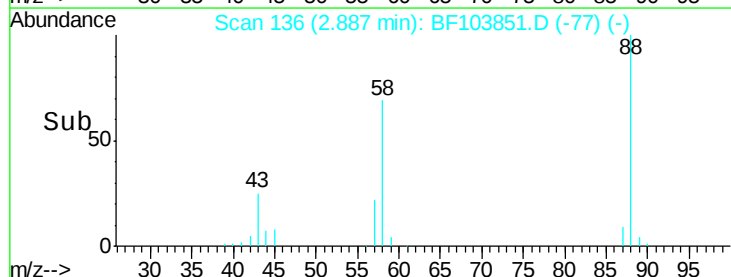
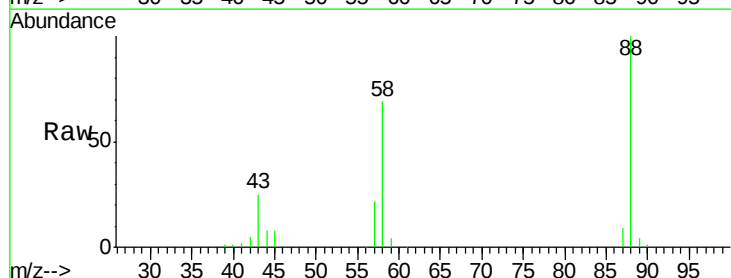
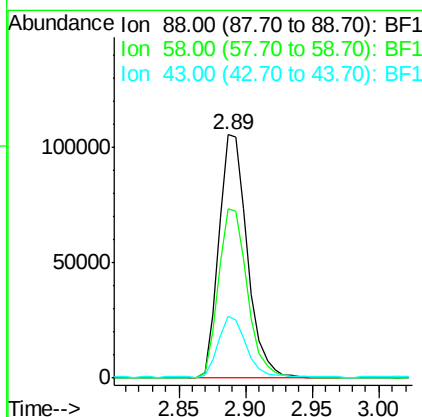
RT: 2.89 min Scan# 136

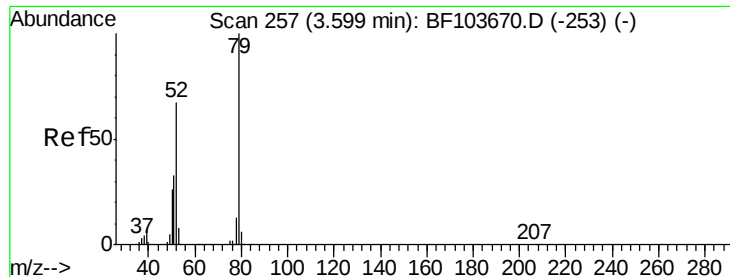
Delta R.T. 0.05 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion:	88	Resp:	159210
Ion Ratio	Lower	Upper	
88	100		
58	70.6	62.6	93.8
43	24.6	24.6	37.0#





#3

Pyridine

Concen: 33.081 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.04 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

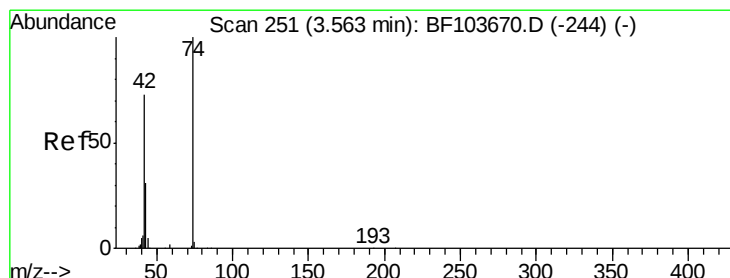
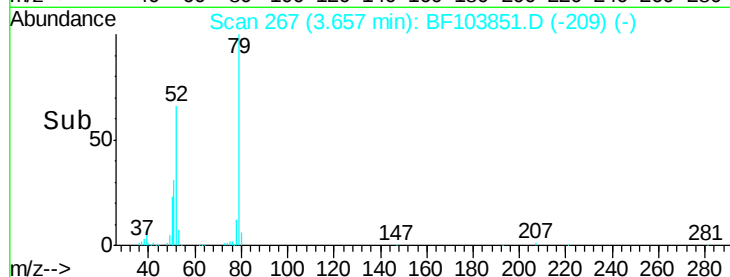
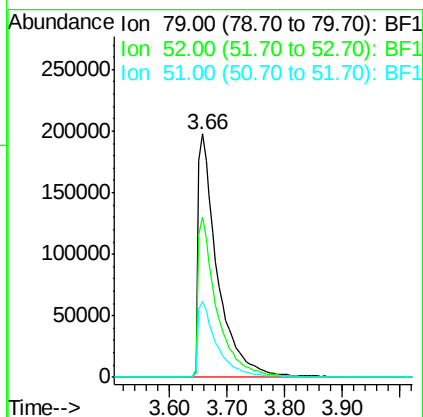
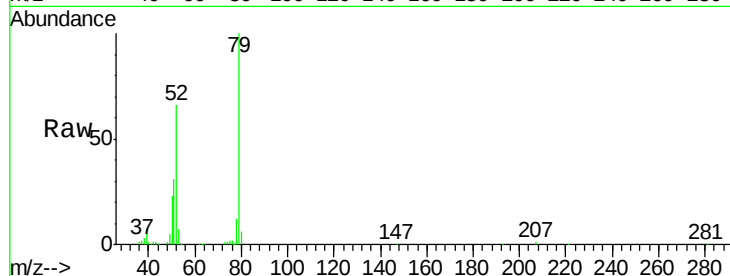
ClientSampleId :

PB107548BS

Tgt Ion:	79	Resp:	462882
Ion Ratio	Lower	Upper	
79	100		
52	65.9	59.8	89.6
51	31.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 36.218 ng

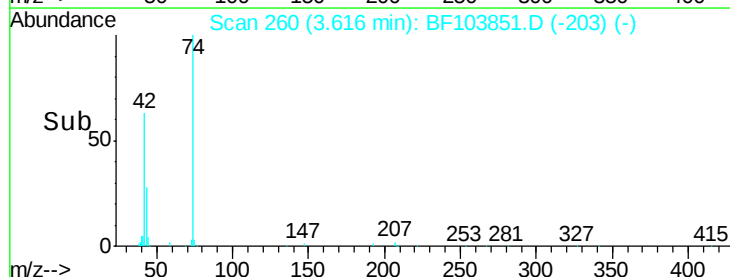
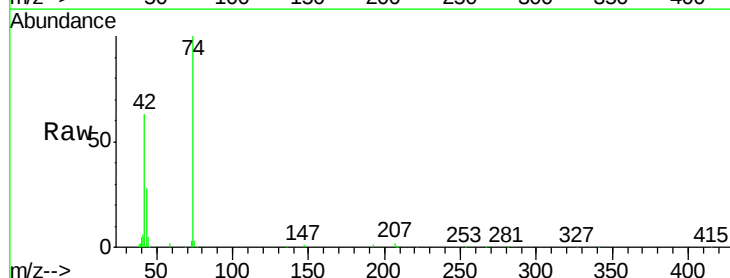
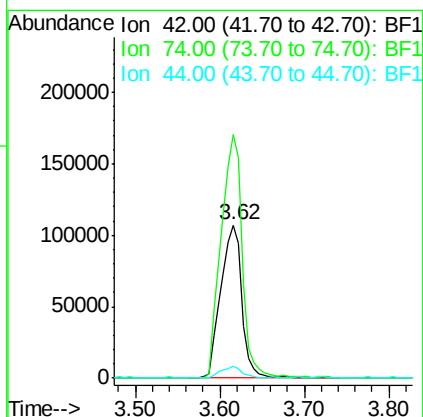
RT: 3.62 min Scan# 260

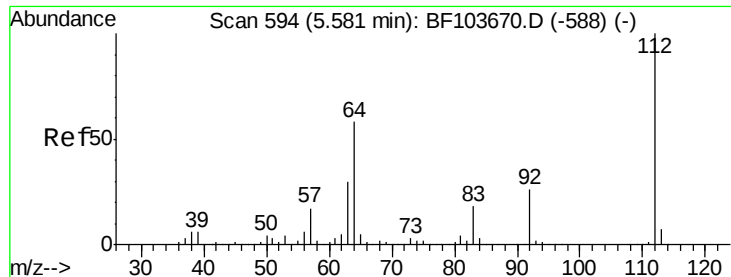
Delta R.T. 0.04 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion:	42	Resp:	186855
Ion Ratio	Lower	Upper	
42	100		
74	159.0	104.9	157.3#
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 113.699 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

ClientSampleId :

PB107548BS

Tgt Ion: 112 Resp: 1174652

Ion Ratio Lower Upper

112 100

64 54.3 47.9 71.9

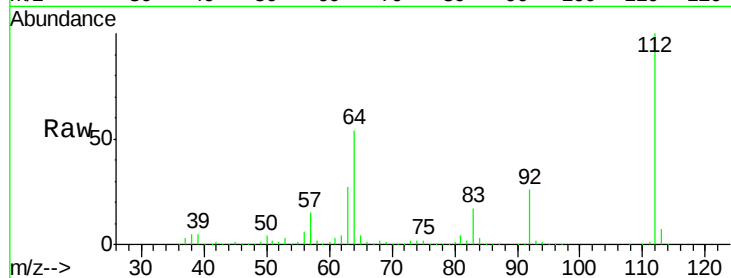
63 27.2 23.7 35.5

Manual Integrations

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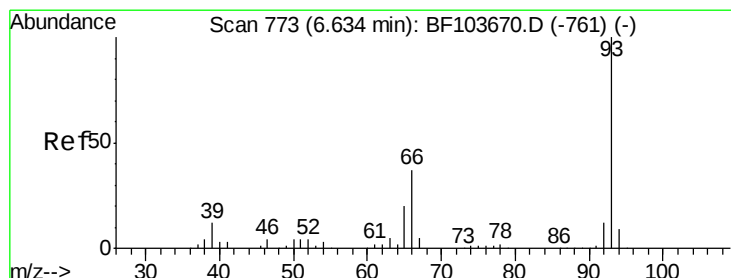
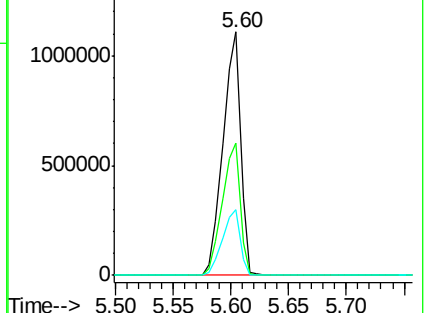
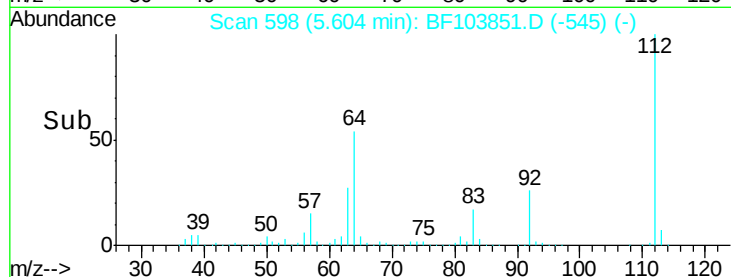
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.908 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

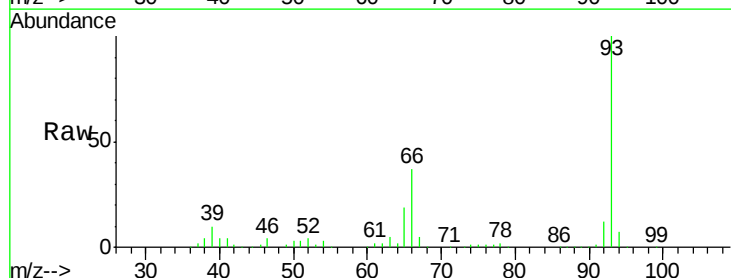
Tgt Ion: 93 Resp: 503689

Ion Ratio Lower Upper

93 100

66 37.1 32.2 48.2

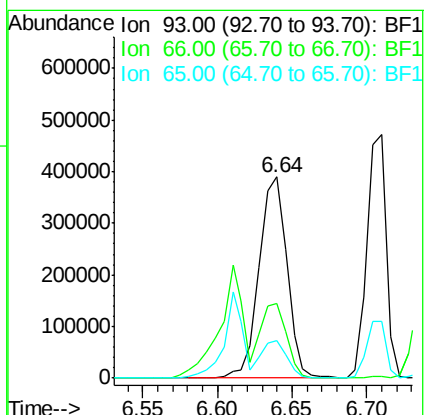
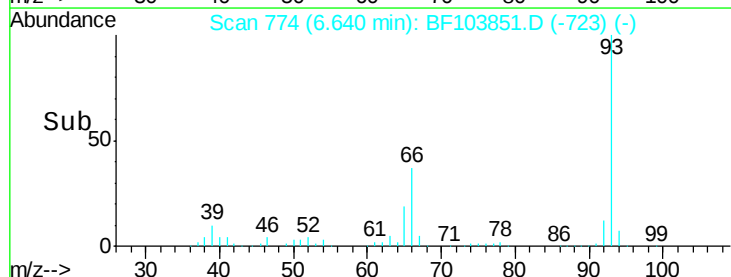
65 18.7 16.4 24.6

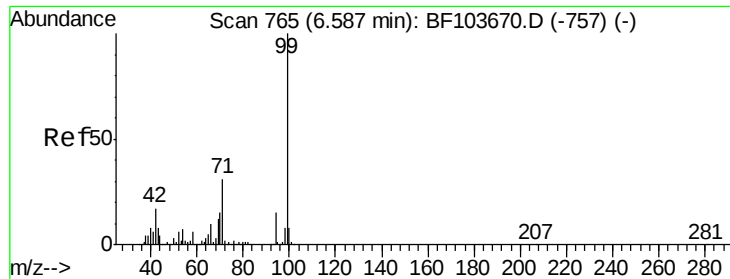


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.661 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

ClientSampleId :

PB107548BS

Tgt Ion: 99 Resp: 1487173

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

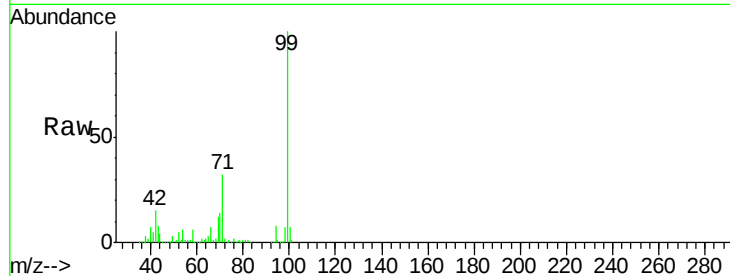
71 32.2 25.4 38.0

Manual Integrations

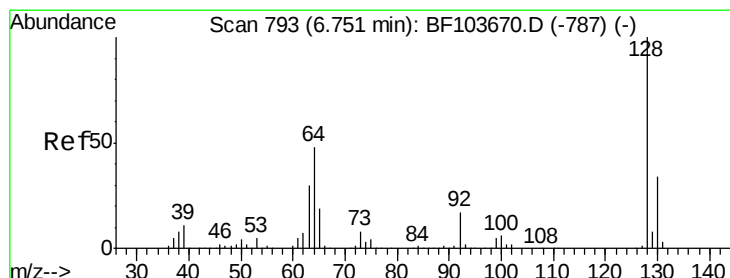
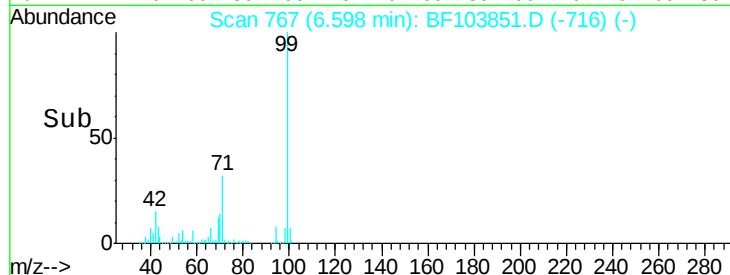
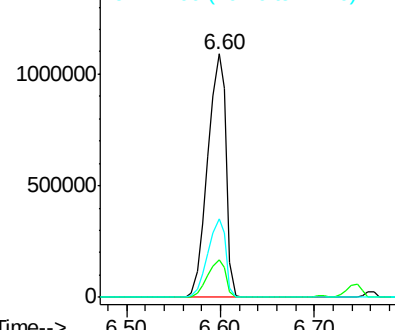
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.872 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

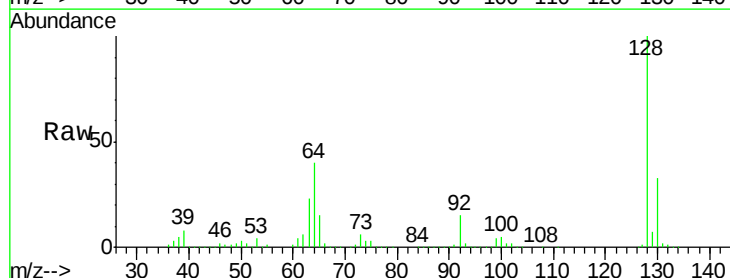
Tgt Ion: 128 Resp: 442338

Ion Ratio Lower Upper

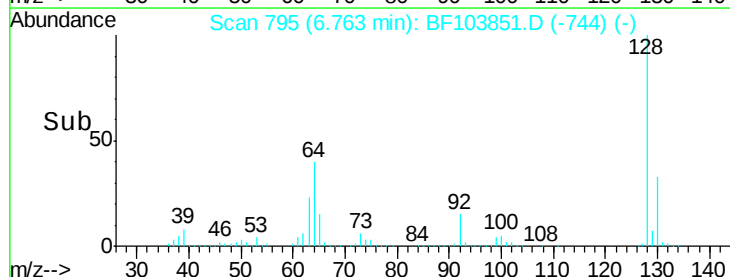
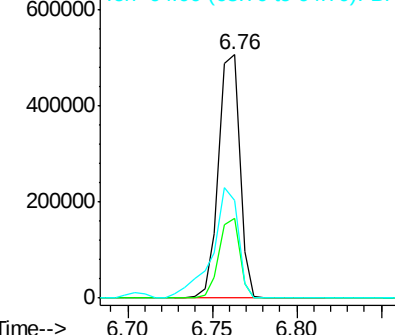
128 100

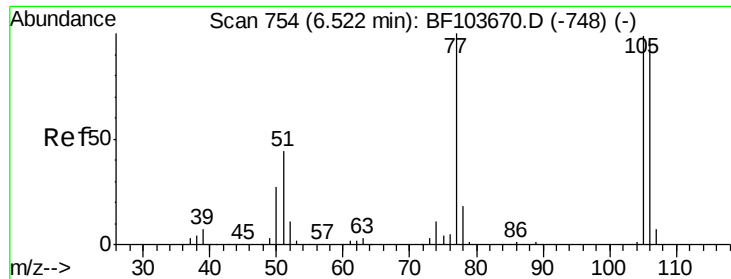
130 32.9 13.0 53.0

64 40.1 29.4 69.4



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





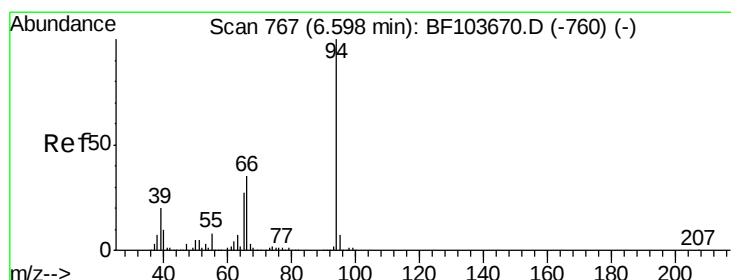
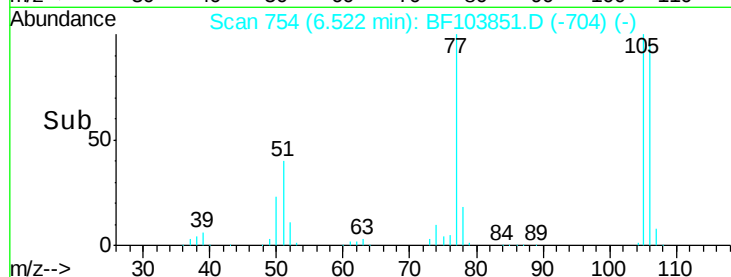
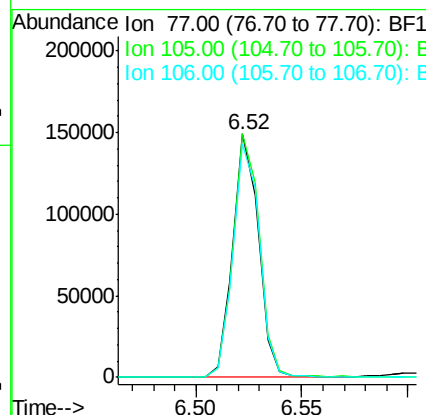
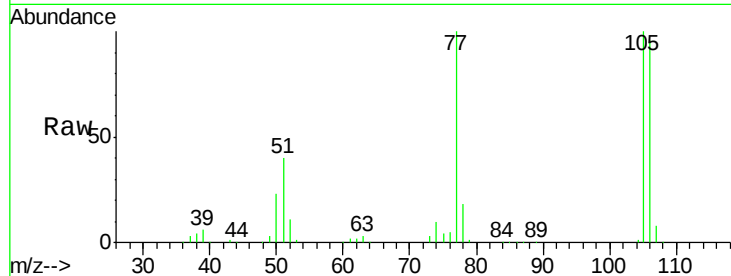
#9
Benzaldehyde
Concen: 15.127 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	125611		
105	100.0	81.1	121.1	
106	95.9	74.5	114.5	

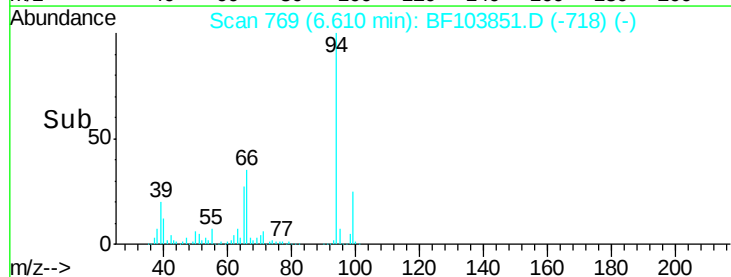
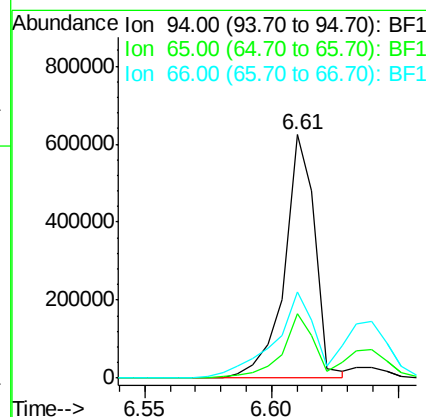
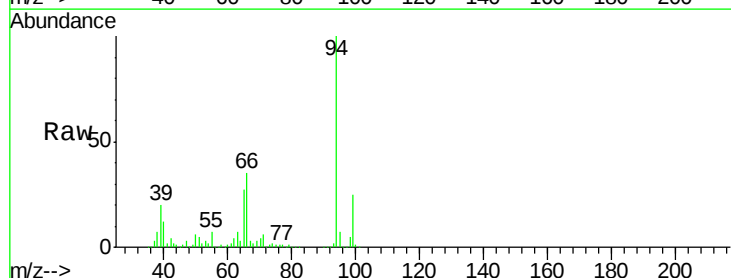
Manual Integrations
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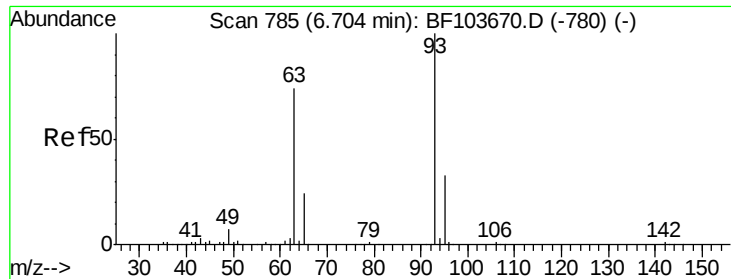
Sohil
3/23/2018 2:46:32 PM



#10
Phenol
Concen: 38.804 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	521167		
65	26.6	7.9	47.9	
66	35.3	16.2	56.2	





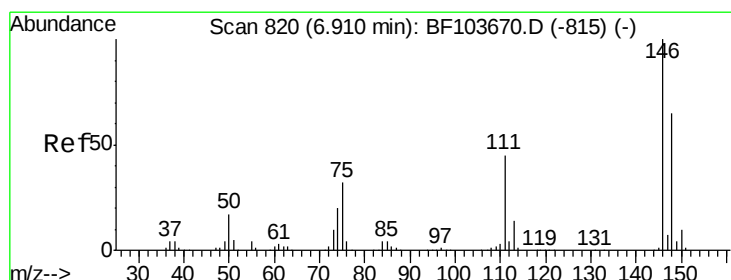
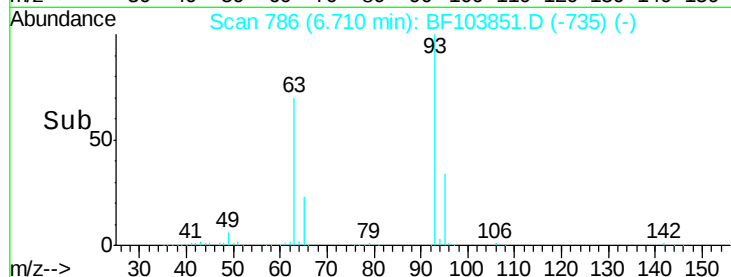
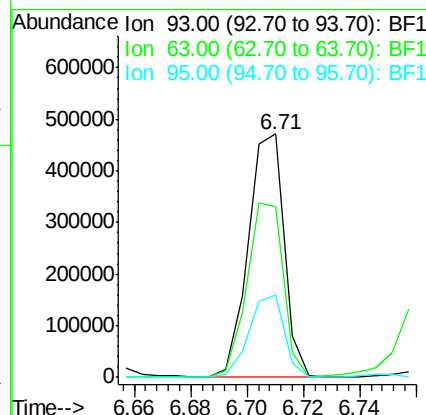
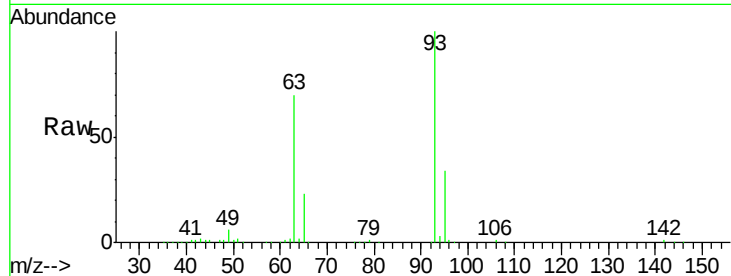
#11
bis(2-Chloroethyl)ether
Concen: 37.386 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	414521		
63	70.2	58.6	98.6	
95	33.6	11.8	51.8	

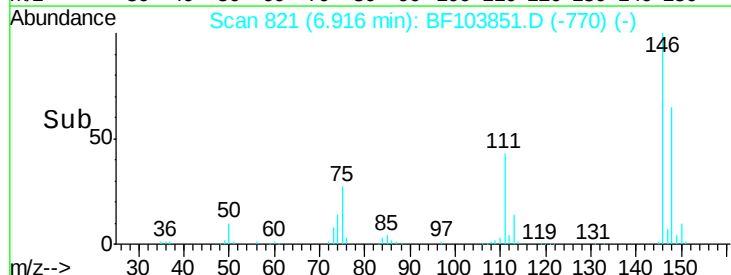
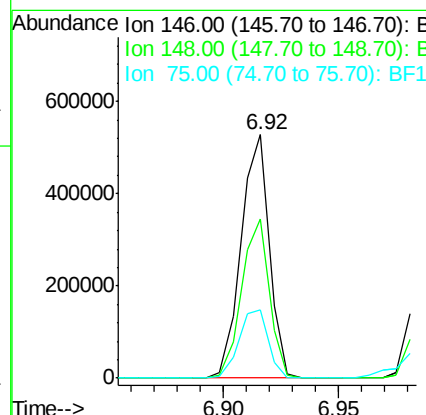
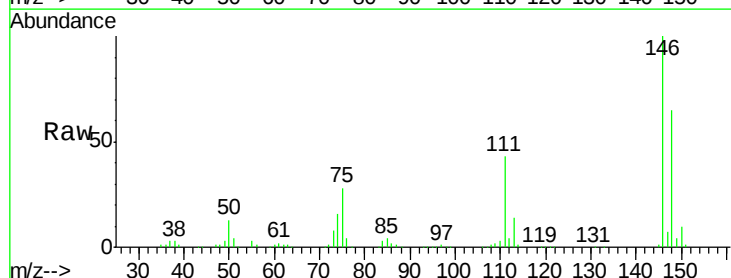
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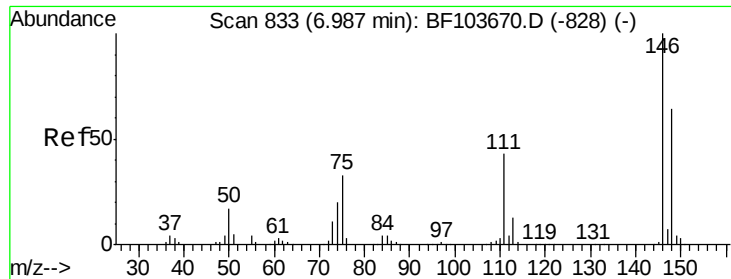
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#12
1,3-Dichlorobenzene
Concen: 36.439 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	449155		
148	65.4	51.8	77.8	
75	28.0	24.2	36.4	





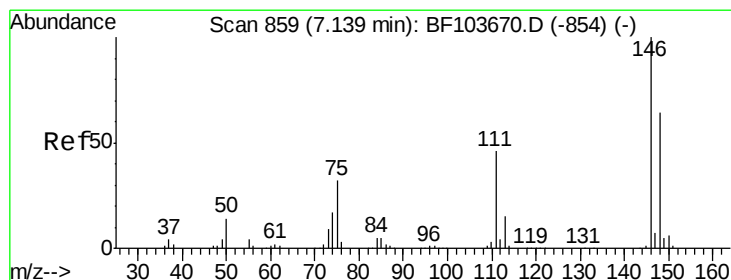
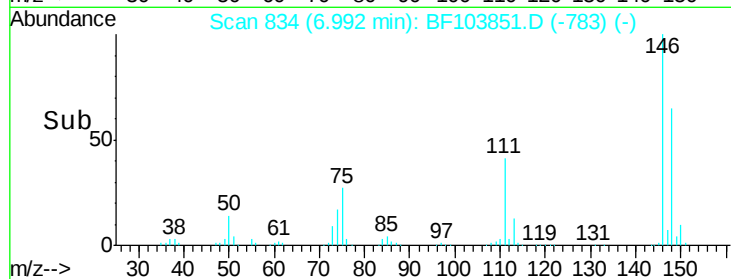
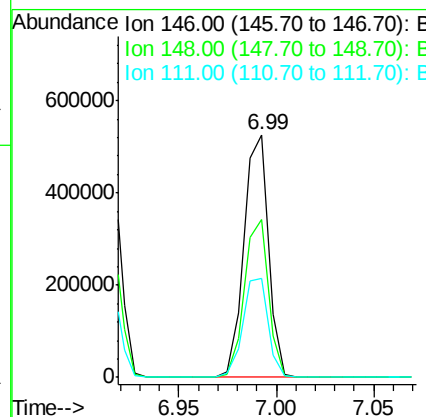
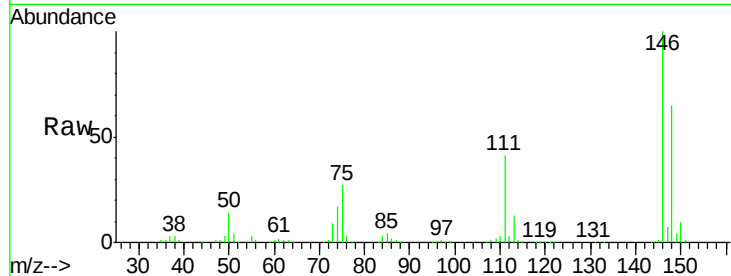
#13
 1,4-Dichlorobenzene
 Concen: 36.929 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	40.7	34.2	51.2

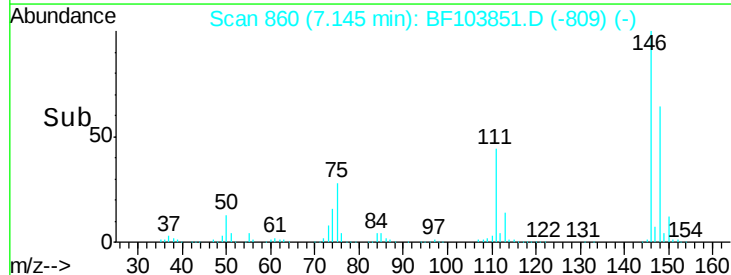
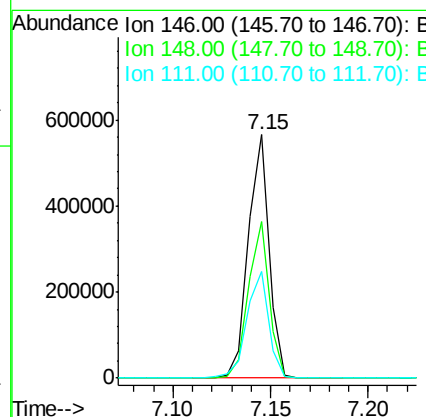
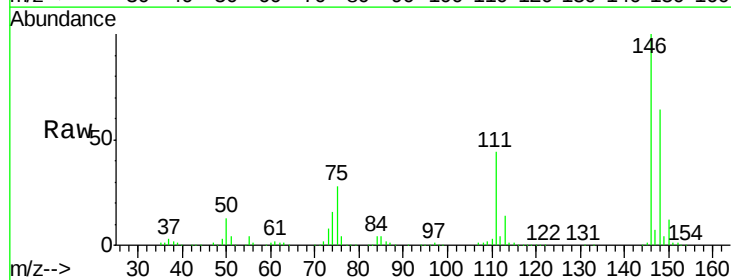
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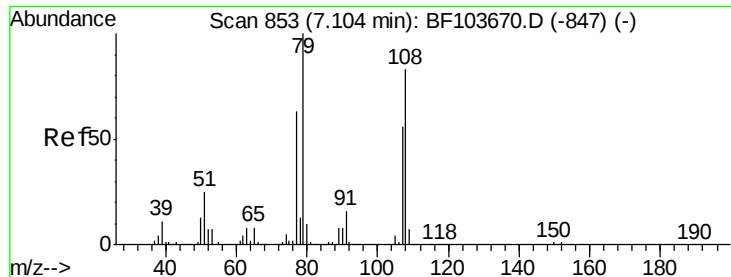
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#14
 1,2-Dichlorobenzene
 Concen: 36.412 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	43.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.763 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

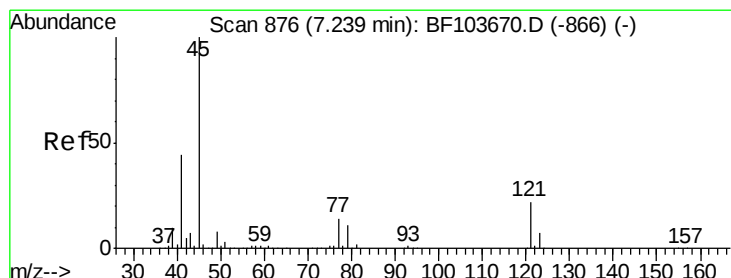
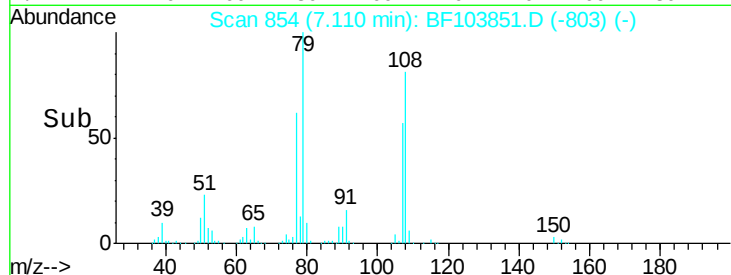
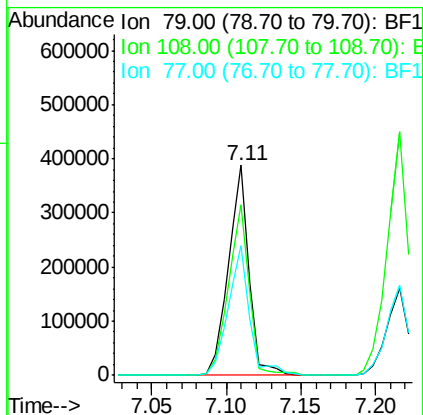
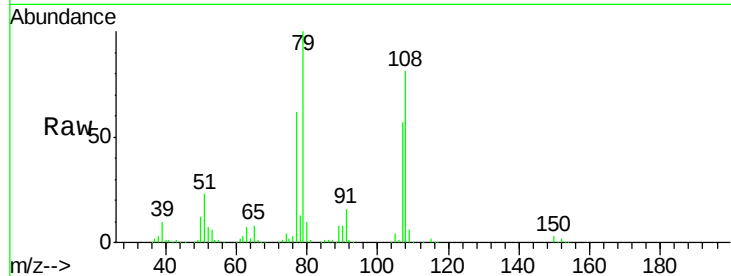
ClientSampleId :

PB107548BS

Tgt Ion:	79	Resp:	379611
Ion Ratio	Lower	Upper	
79	100		
108	81.4	65.1	97.7
77	61.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.784 ng

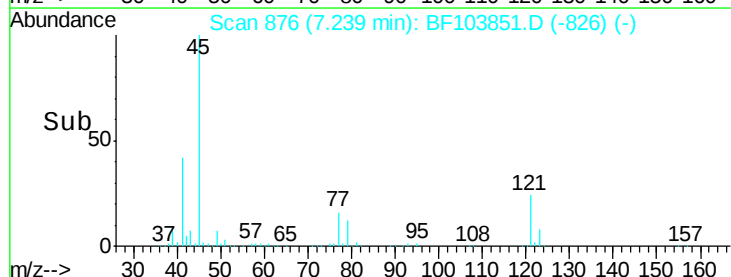
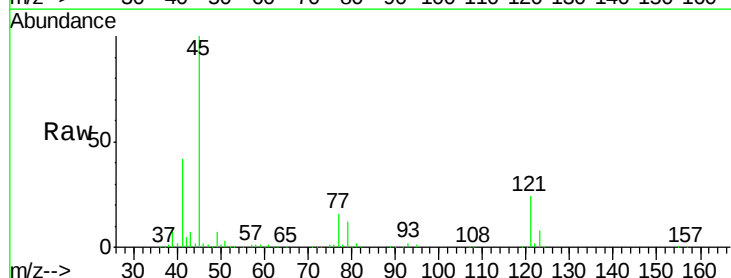
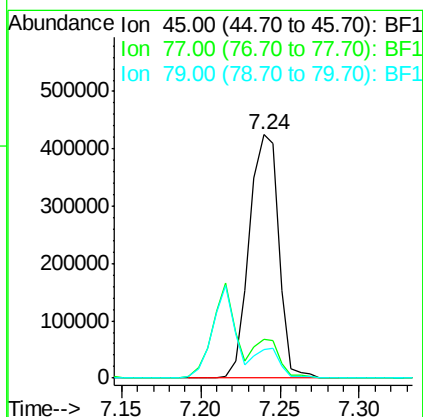
RT: 7.24 min Scan# 876

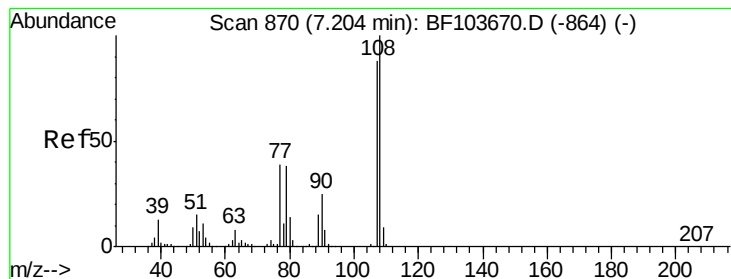
Delta R.T. -0.01 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion:	45	Resp:	548532
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	32.9
79	12.0	0.0	29.6





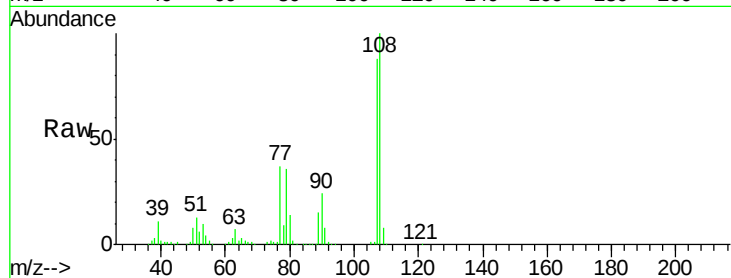
#17
2-Methylphenol
Concen: 38.937 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

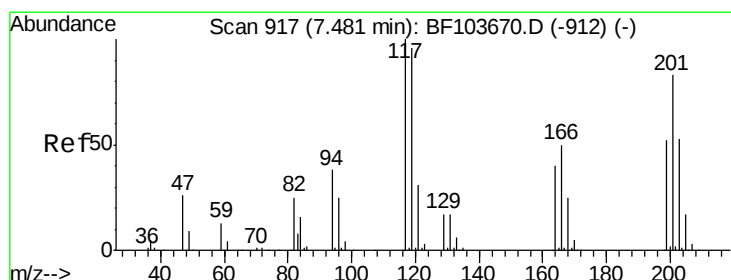
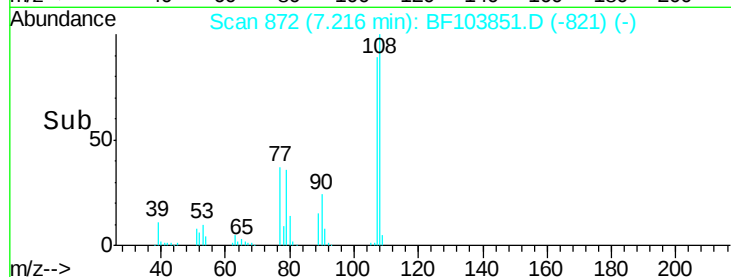
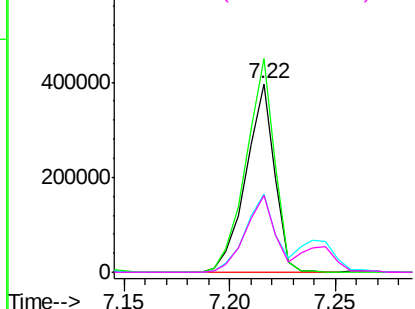
Tgt Ion:	107	Resp:	375262
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.7	137.5
77	41.7	33.8	50.8
79	40.5	33.8	50.8

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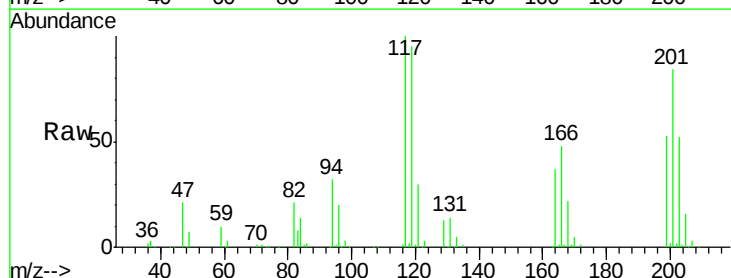


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

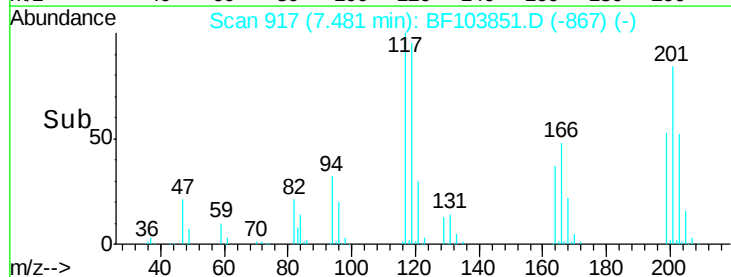
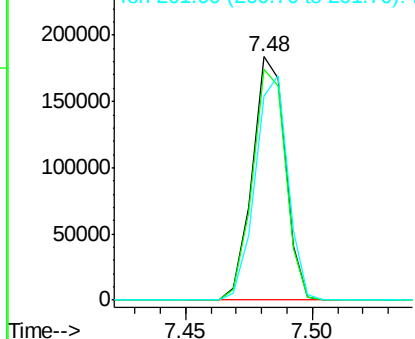


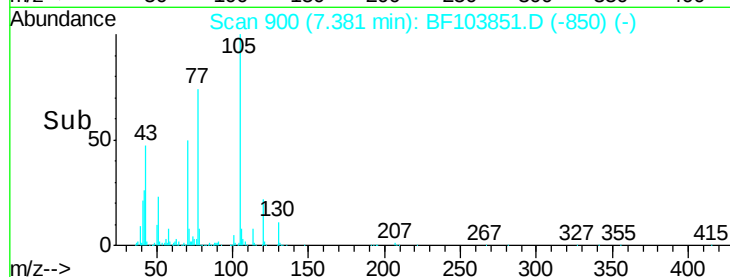
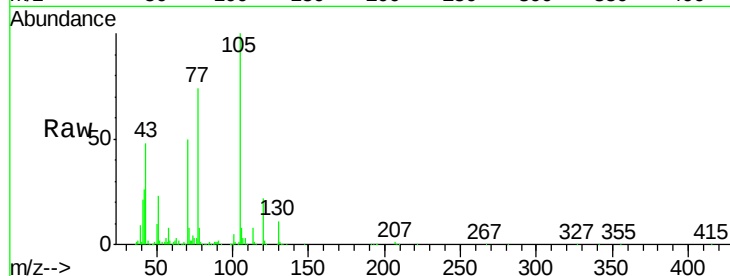
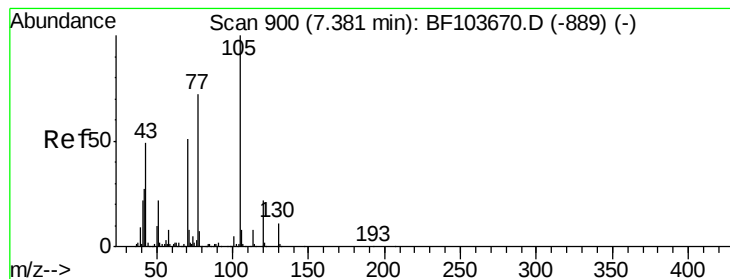
#18
Hexachloroethane
Concen: 38.345 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion:	117	Resp:	167064
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.8
201	83.6	75.7	113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 35.985 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

ClientSampleId :

PB107548BS

Tgt Ion: 70 Resp: 291489

Ion Ratio Lower Upper

70 100

42 52.1 47.5 71.3

101 9.6 7.4 11.2

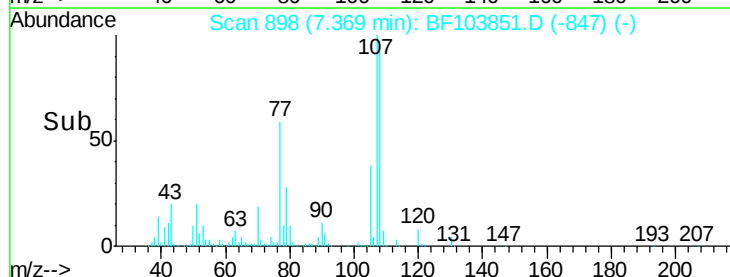
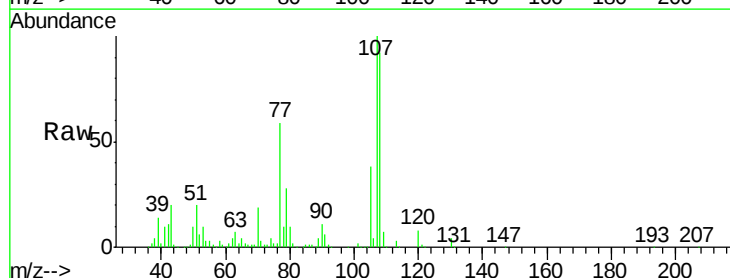
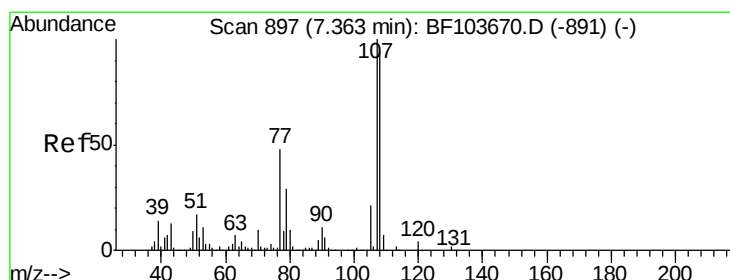
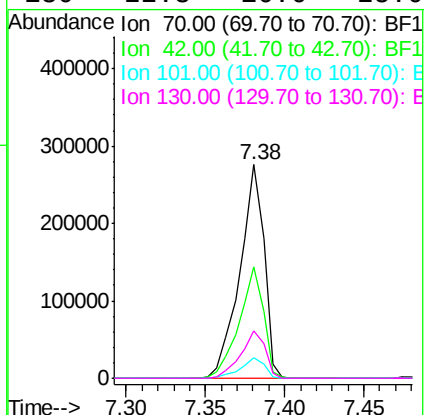
130 22.3 16.6 25.0

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3/23/2018 2:46:32 PM



#20

3+4-Methylphenols

Concen: 37.608 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion: 107 Resp: 459985

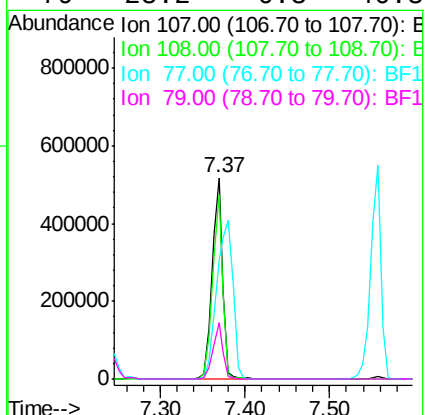
Ion Ratio Lower Upper

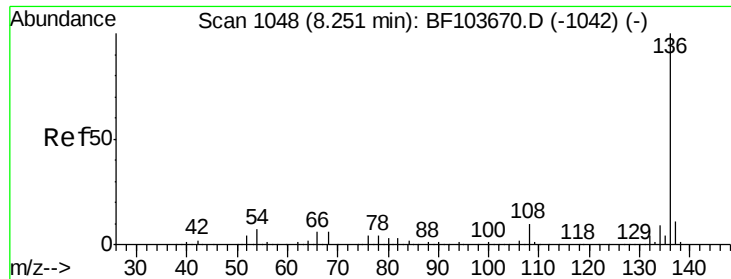
107 100

108 91.8 68.2 108.2

77 59.3 26.7 66.7

79 28.2 6.3 46.3





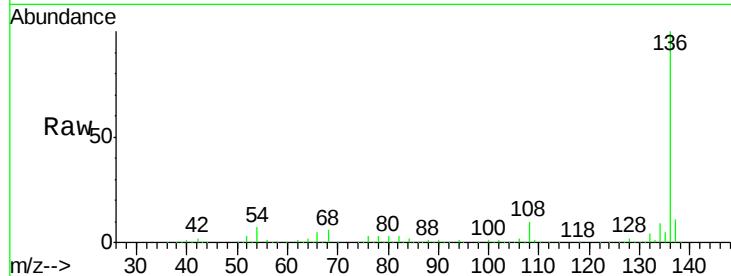
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

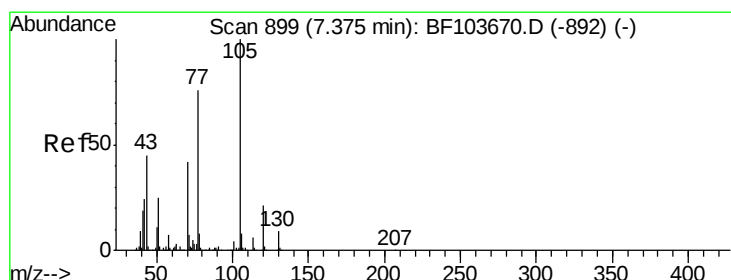
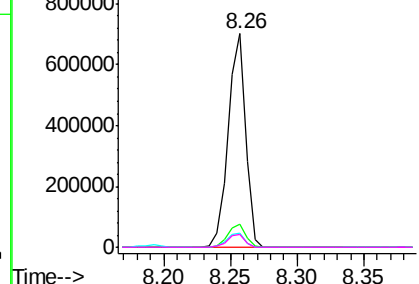
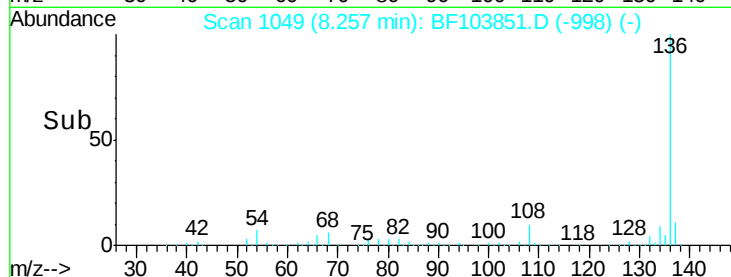
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	650926		
137	10.9		8.9	13.3
54	6.9		6.6	9.8
68	6.1		5.0	7.4

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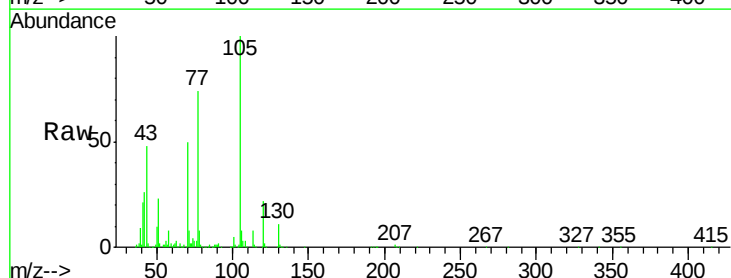


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

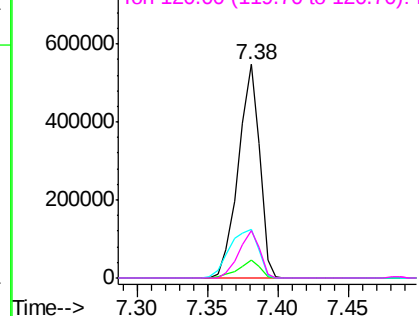
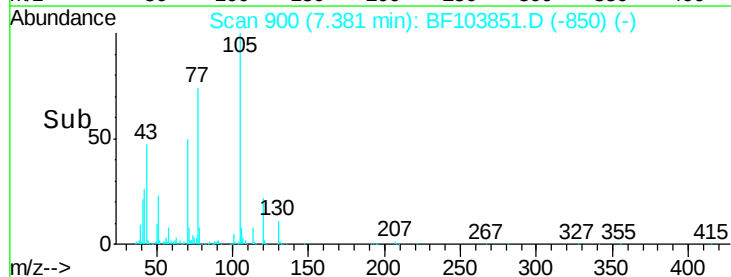


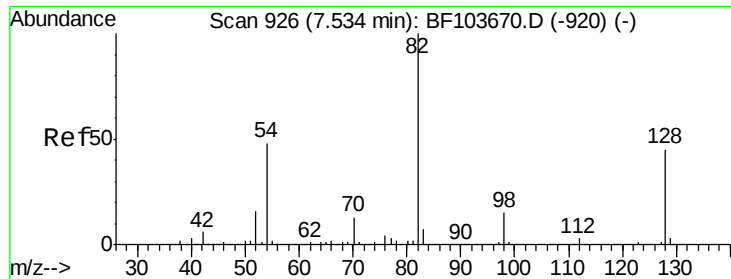
#22
Acetophenone
Concen: 34.328 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	574273		
71	8.3		4.4	6.6#
51	23.0		22.3	33.5
120	22.4		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





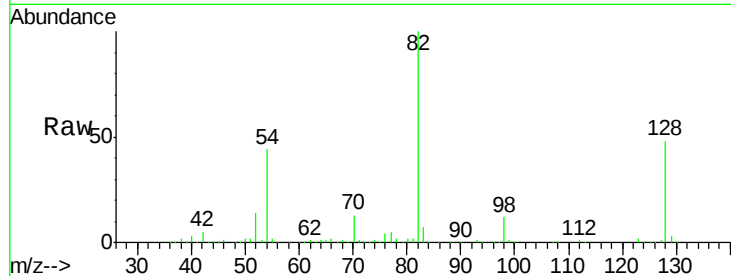
#23
 Nitrobenzene-d5
 Concen: 96.794 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleID :
 PB107548BS

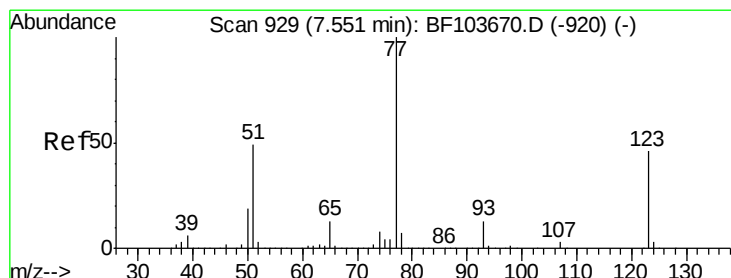
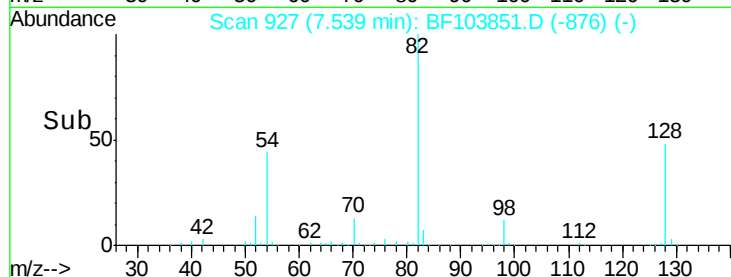
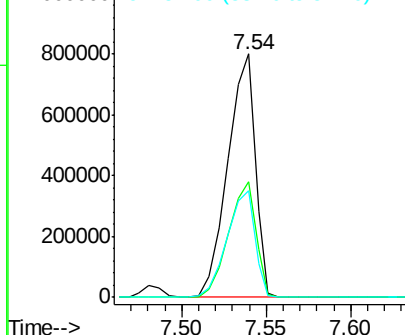
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	903491		
128	47.6	36.1	54.1	
54	43.7	41.4	62.2	

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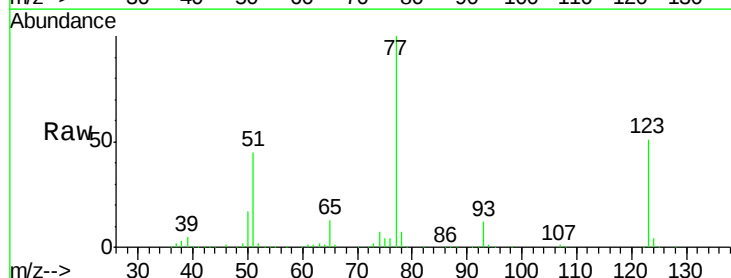


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

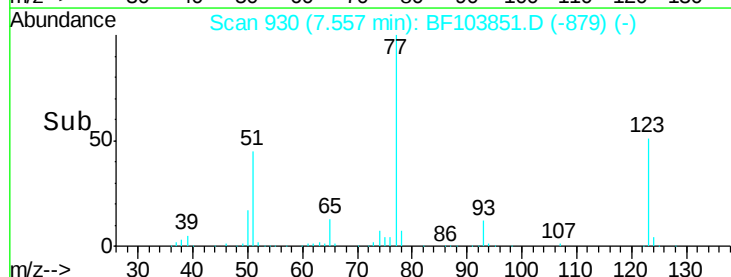
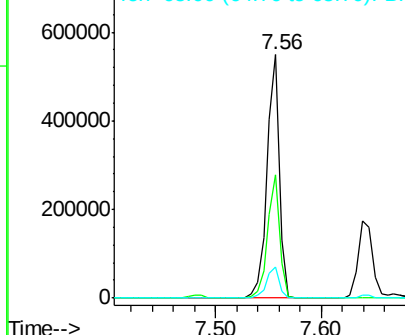


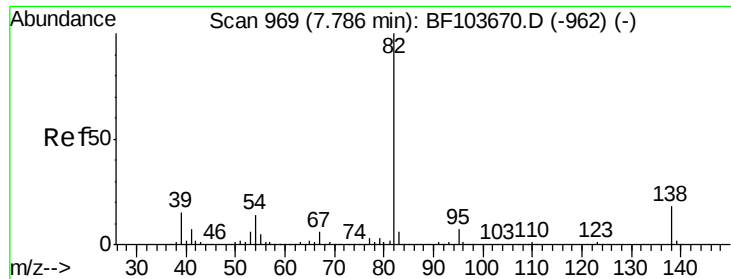
#24
 Nitrobenzene
 Concen: 41.241 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	451936		
123	50.8	37.9	56.9	
65	12.9	11.0	16.4	



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





#25

Isophorone

Concen: 39.099 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

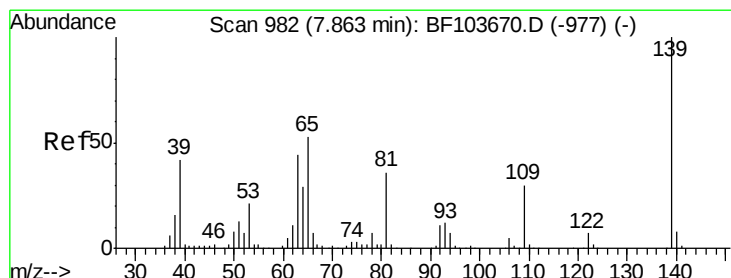
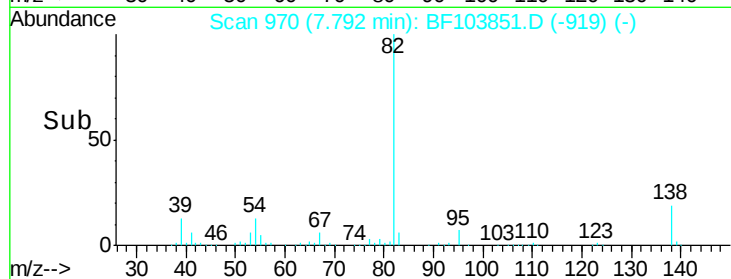
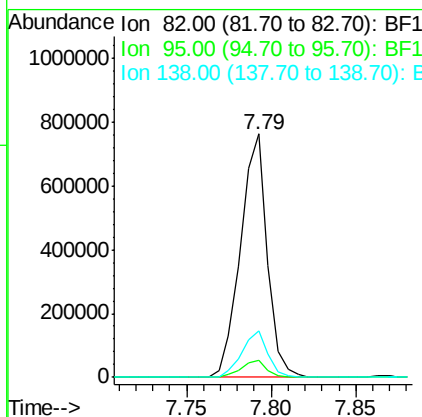
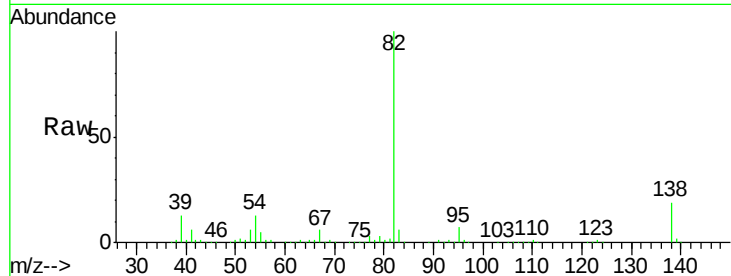
ClientSampleId :

PB107548BS

Tgt Ion:	82	Resp:	844843
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.2	7.8
138	19.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 55.809 ng

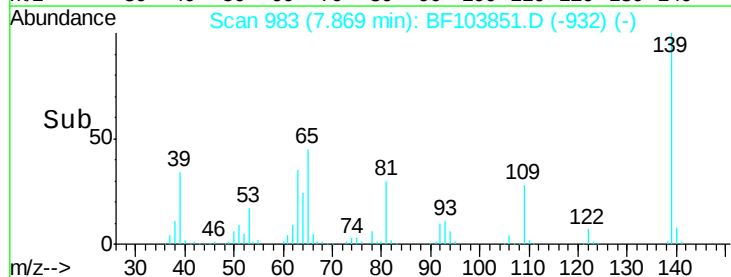
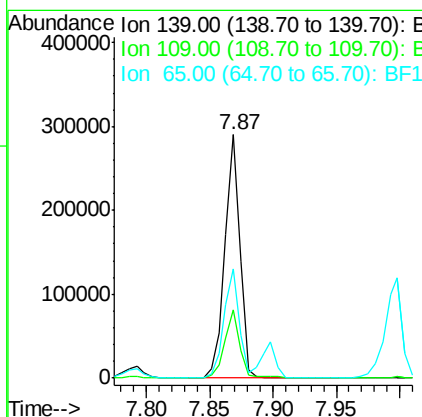
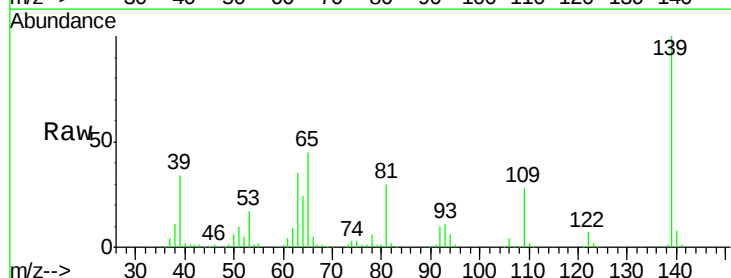
RT: 7.87 min Scan# 983

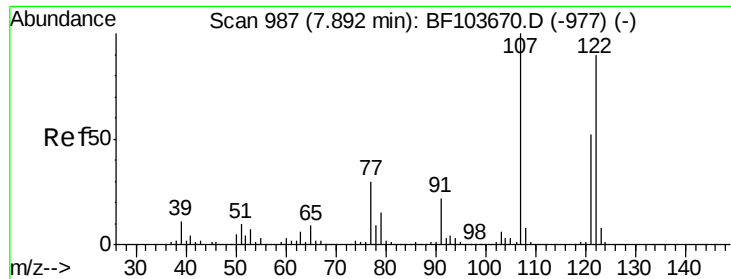
Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion:	139	Resp:	240659
Ion Ratio		Lower	Upper
139	100		
109	27.9	22.7	34.1
65	44.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.139 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

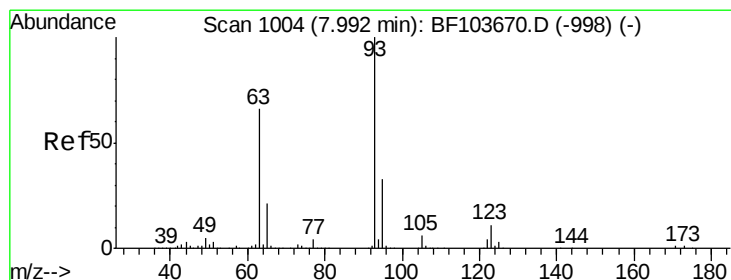
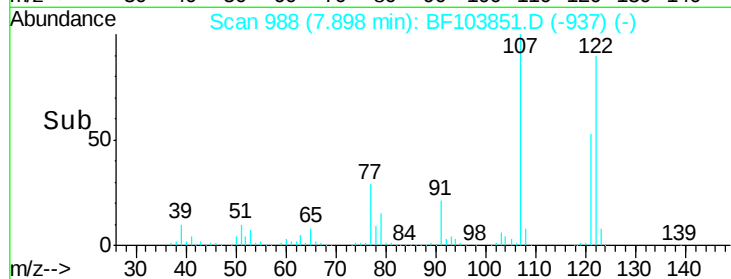
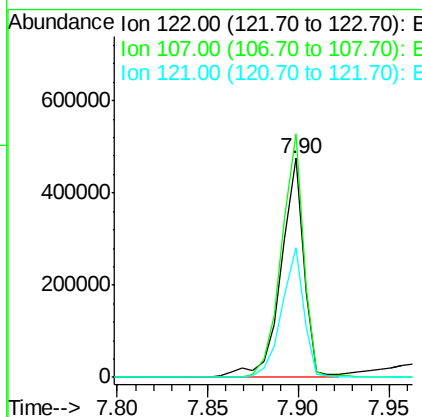
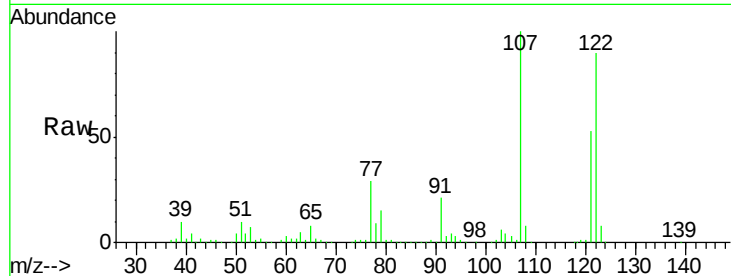
ClientSampleId :

PB107548BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	59.1	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.108 ng

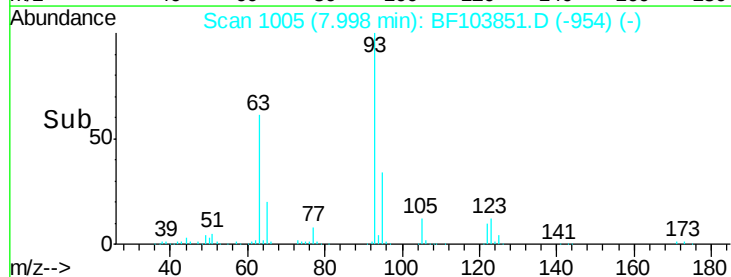
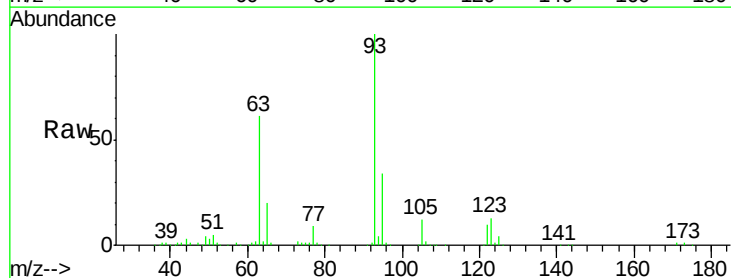
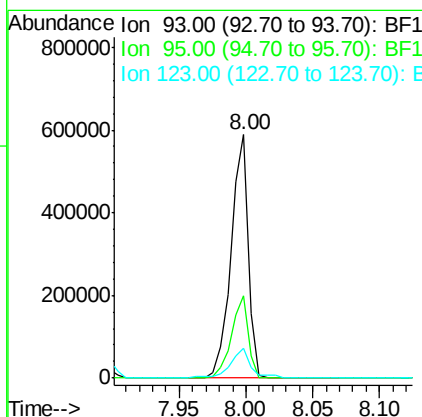
RT: 8.00 min Scan# 1005

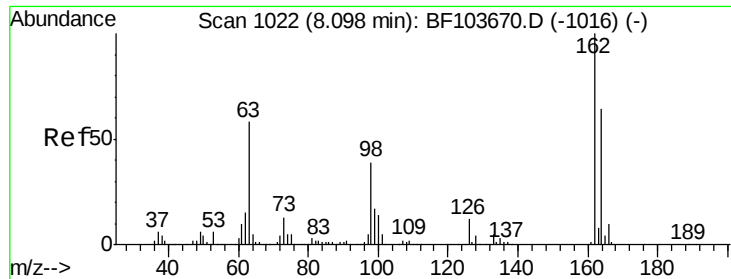
Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.3	39.5
123	12.5	9.8	14.6





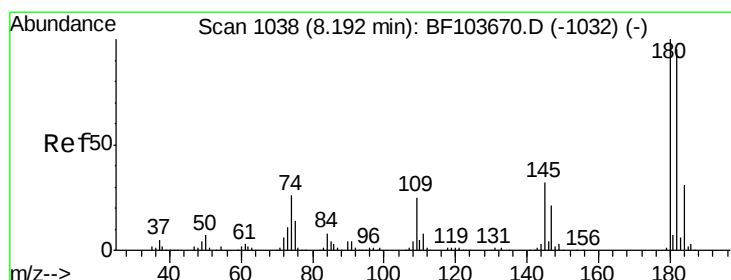
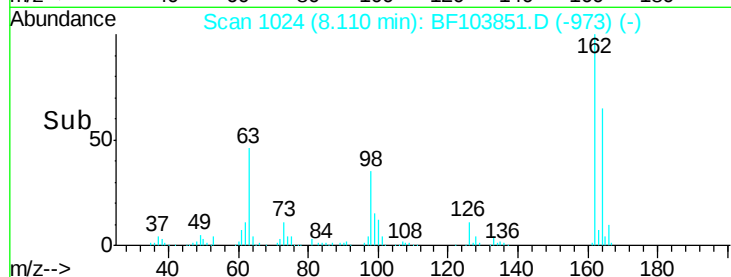
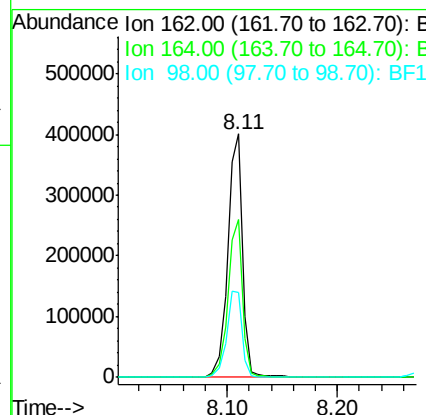
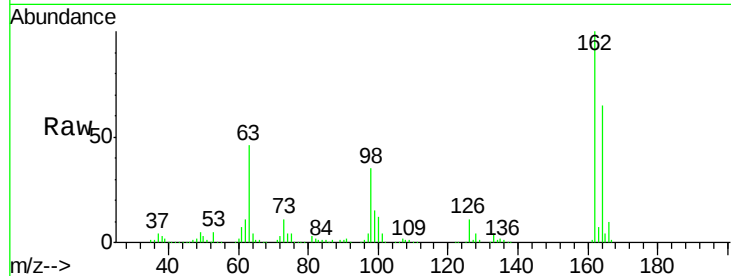
#29
2,4-Dichlorophenol
Concen: 44.383 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	373780		
164	64.7	42.7	82.7	
98	34.7	18.1	58.1	

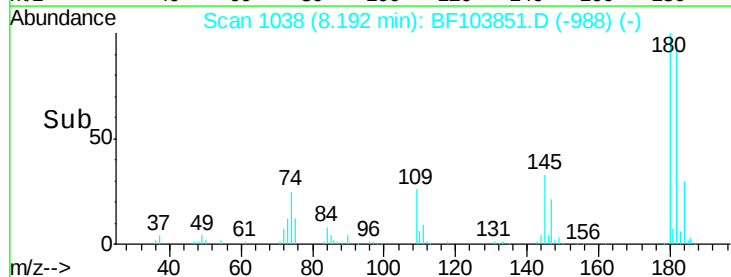
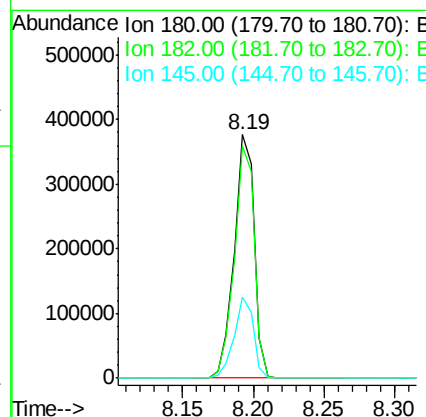
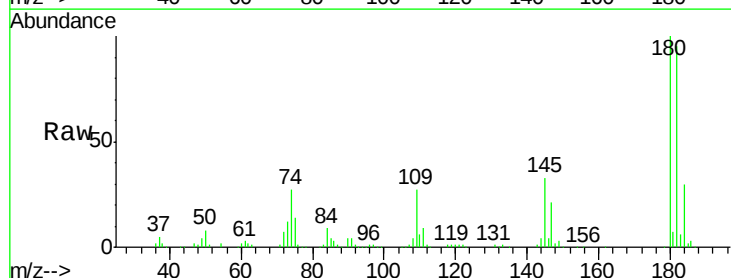
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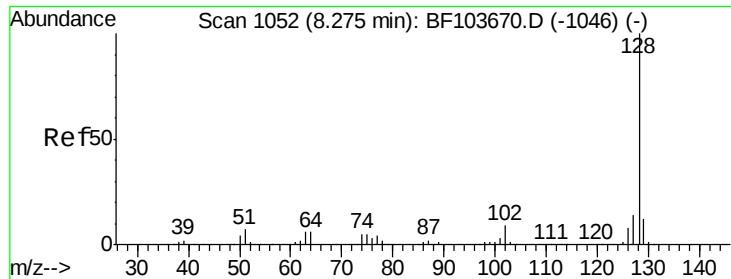
Sohil
3/23/2018 2:46:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.046 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	371627		
182	95.2	76.8	115.2	
145	33.5	26.5	39.7	





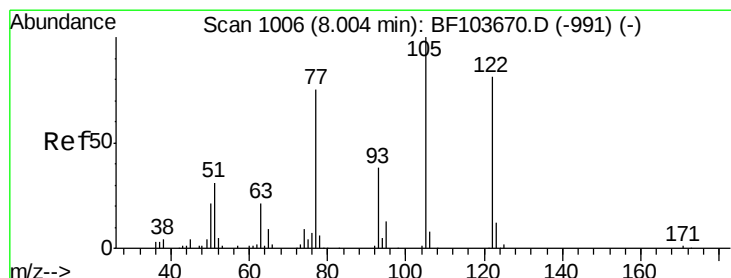
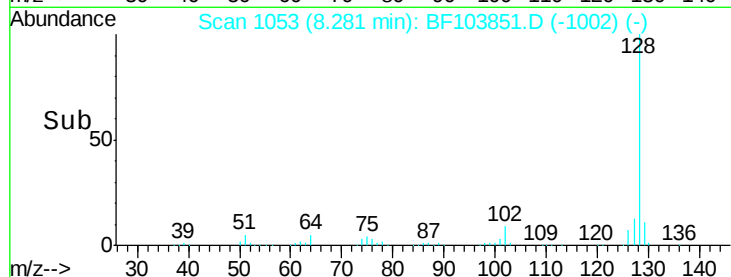
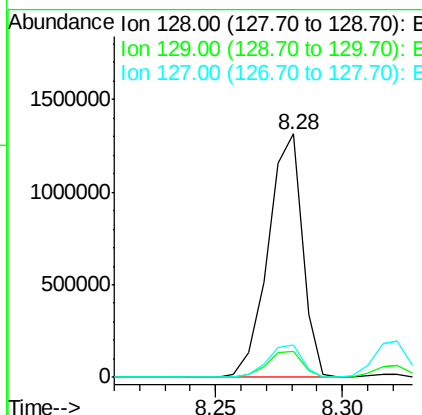
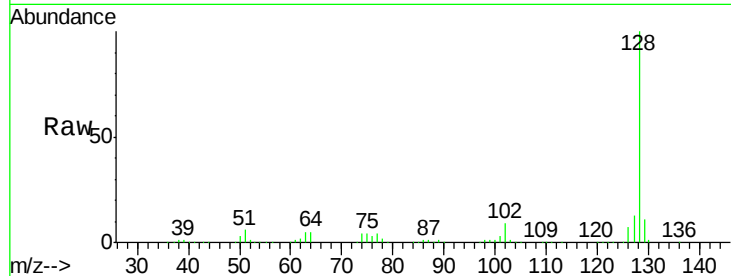
#31
Naphthalene
Concen: 37.550 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion:128 Resp: 1234708
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.9 16.3

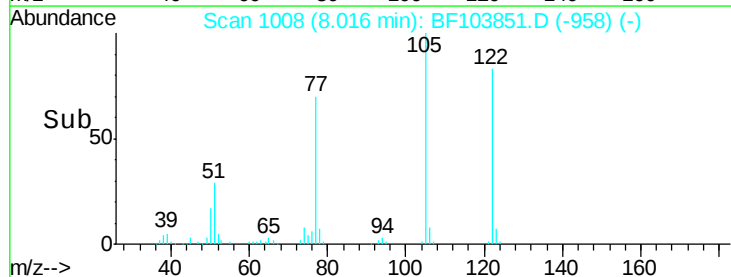
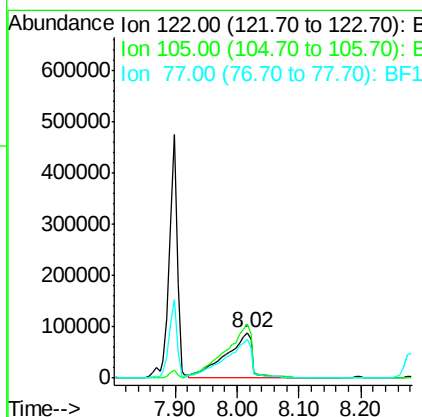
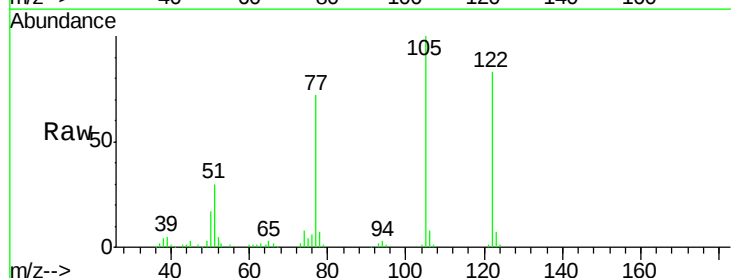
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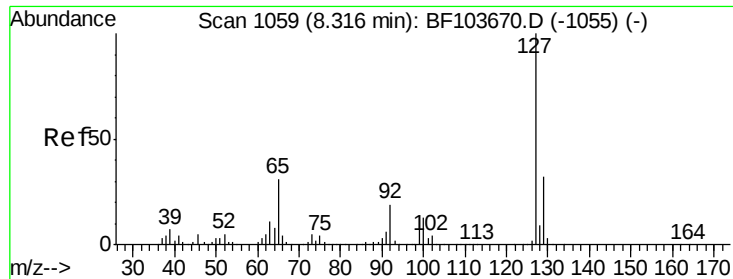
Sohil
3/23/2018 2:46:32 PM



#32
Benzoic acid
Concen: 42.583 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion:122 Resp: 268934
Ion Ratio Lower Upper
122 100
105 120.4 101.1 141.1
77 86.5 70.7 110.7





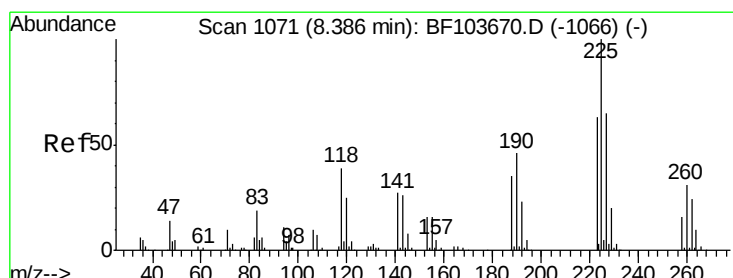
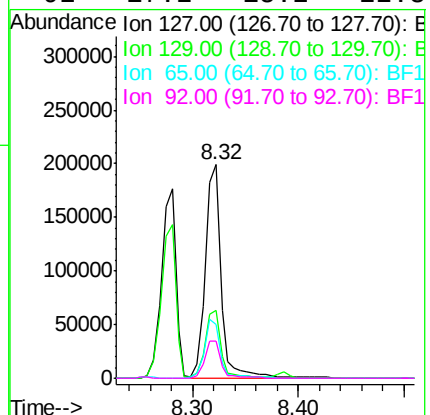
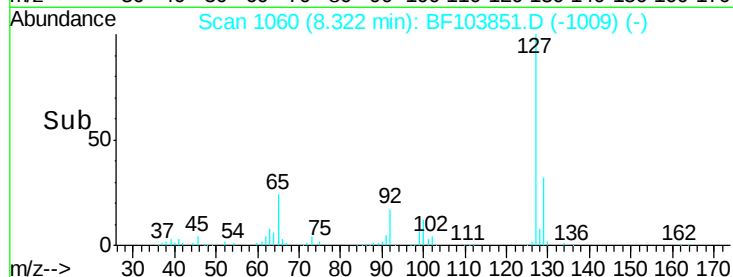
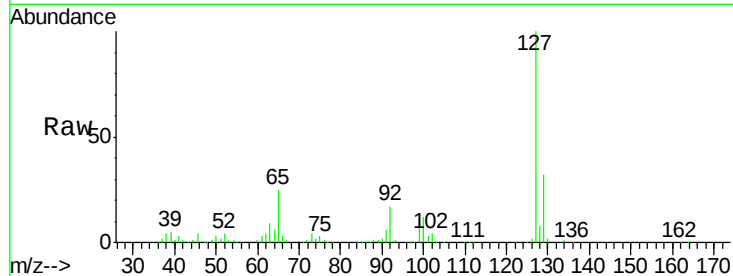
#33
4-Chloroaniline
Concen: 15.016 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	207144		
129	31.6	25.9	38.9	
65	25.1	25.0	37.4	
92	17.2	15.2	22.8	

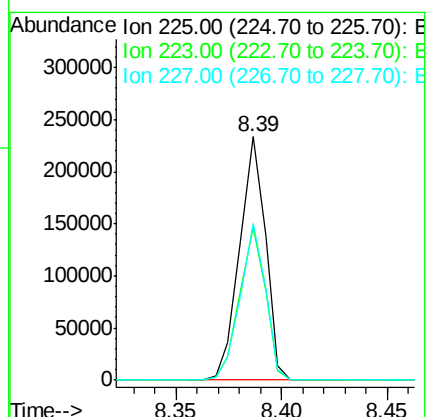
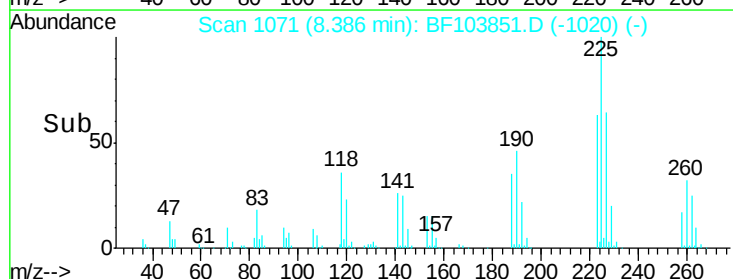
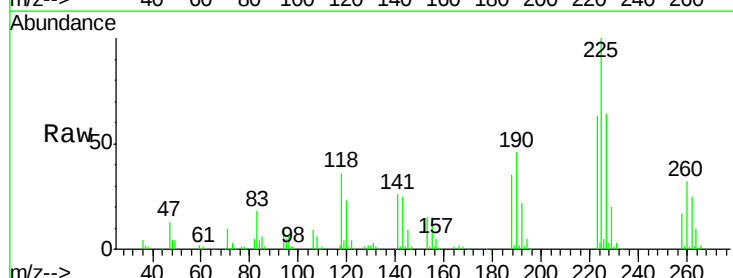
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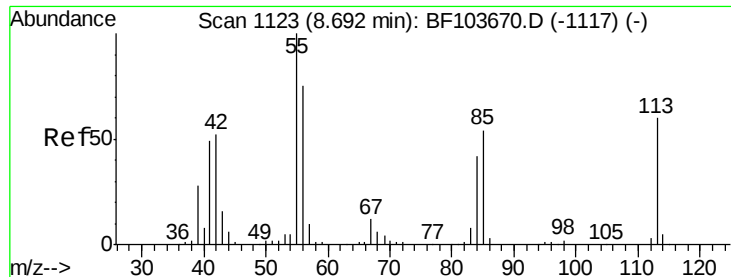
Sohil
3/23/2018 2:46:32 PM



#34
Hexachlorobutadiene
Concen: 36.933 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197793		
223	62.7	50.6	76.0	
227	64.4	51.9	77.9	





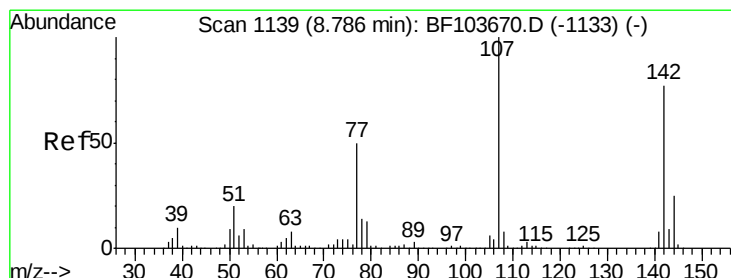
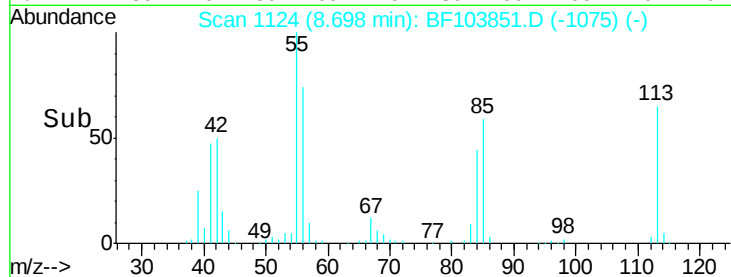
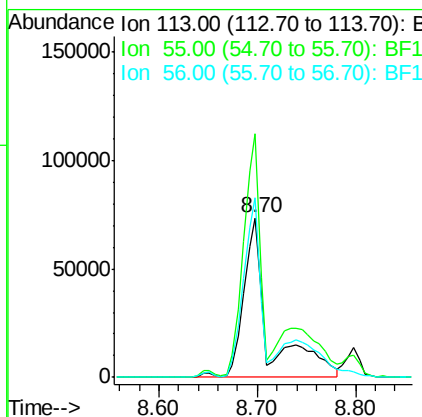
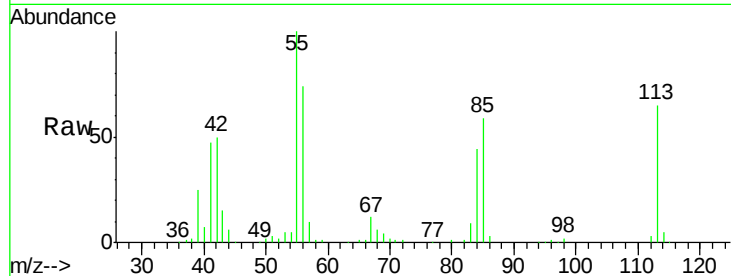
#35
 Caprolactam
 Concen: 45.376 ng m
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	152.9	163.3	203.3#
56	112.7	115.7	155.7#

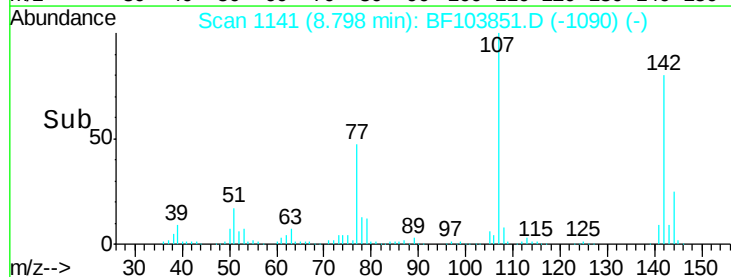
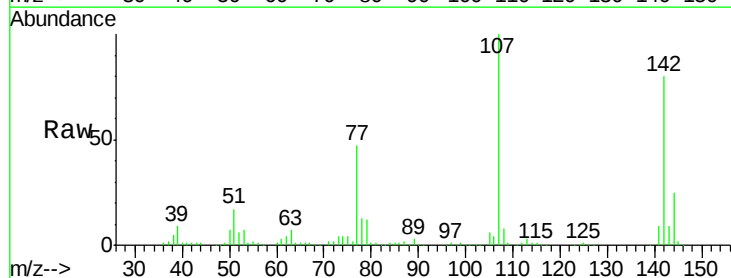
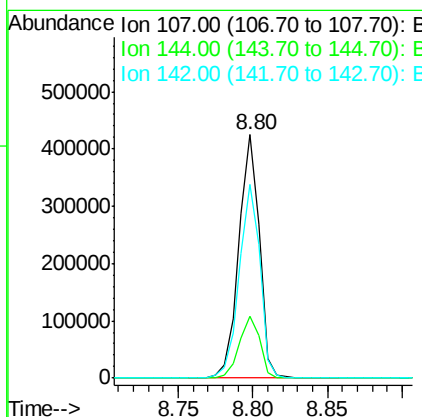
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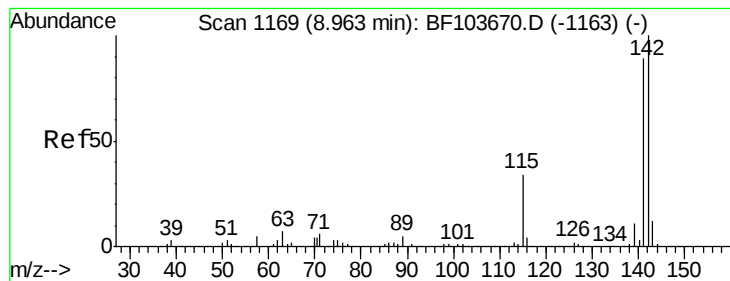
Sohil
 3/23/2018 2:46:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.016 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.5	30.7
142	79.6	62.0	93.0





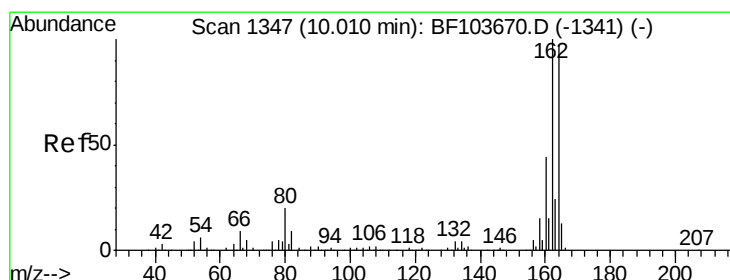
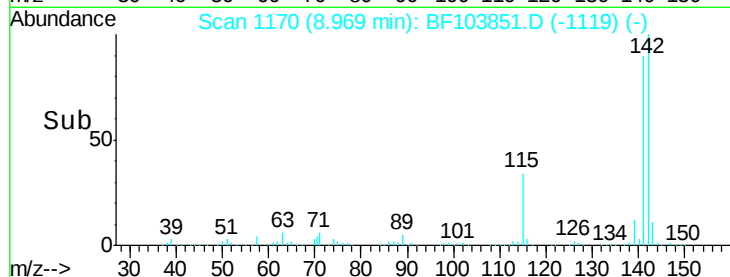
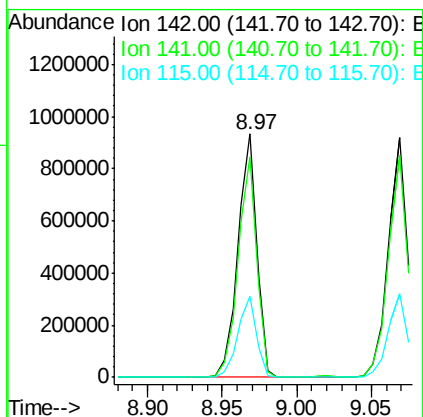
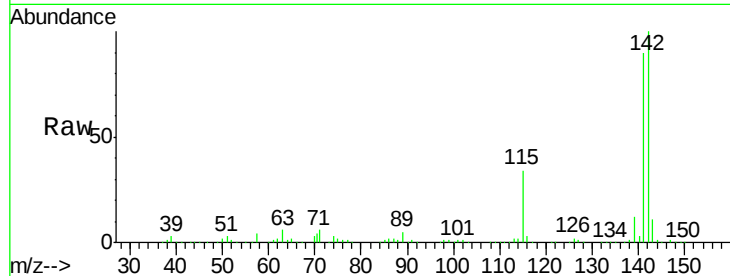
#37
2-Methylnaphthalene
Concen: 39.809 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	830088		
141	90.4	70.8	106.2	
115	33.6	26.1	39.1	

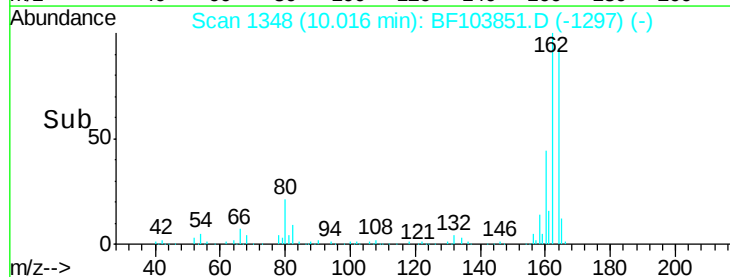
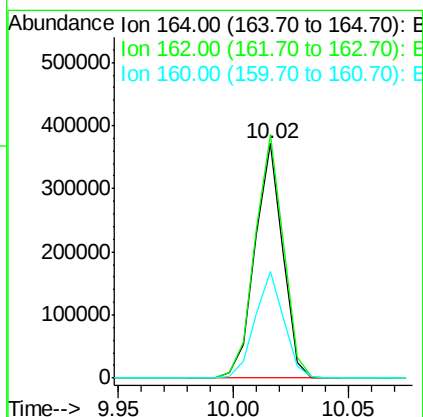
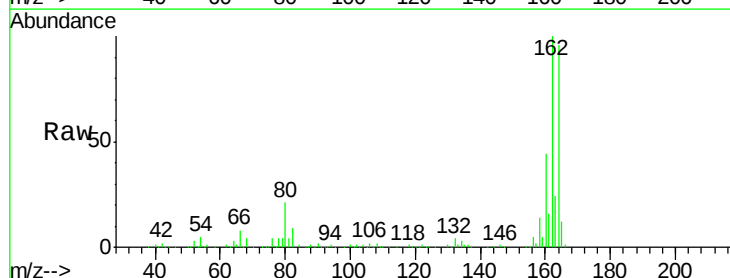
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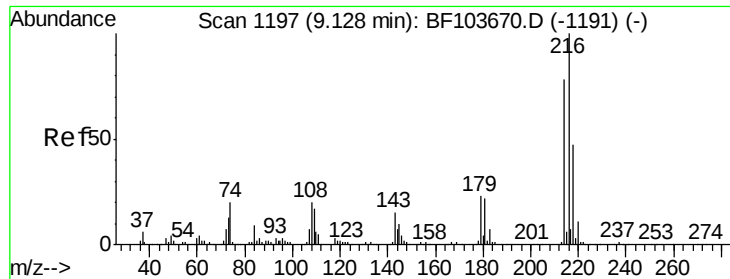
Sohil
3/23/2018 2:46:32 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	312896		
162	104.0	86.1	129.1	
160	45.5	38.3	57.5	





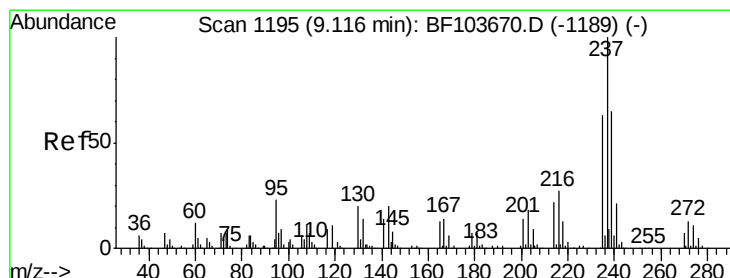
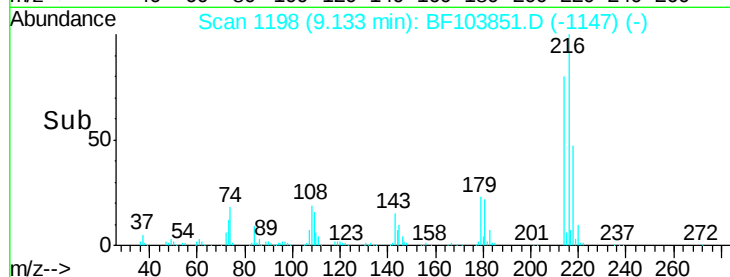
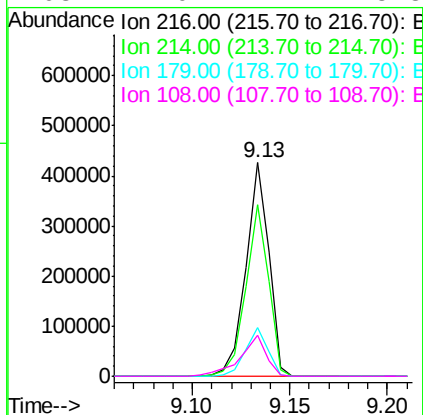
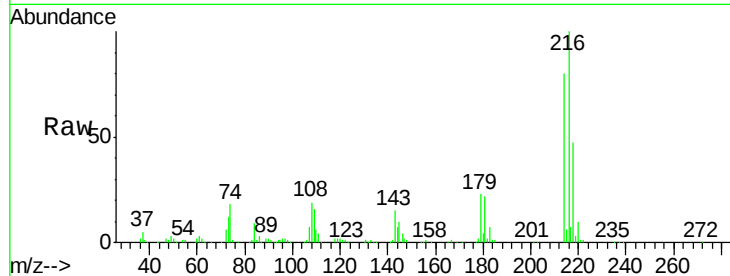
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.801 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion:	216	Resp:	346356
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.4
179	22.3	18.1	27.1
108	22.0	17.2	25.8

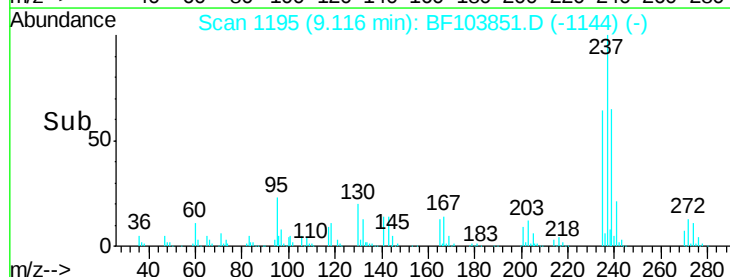
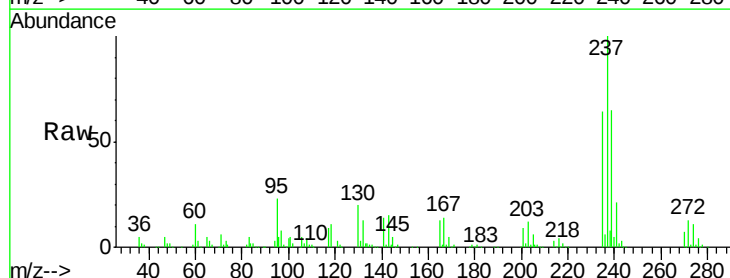
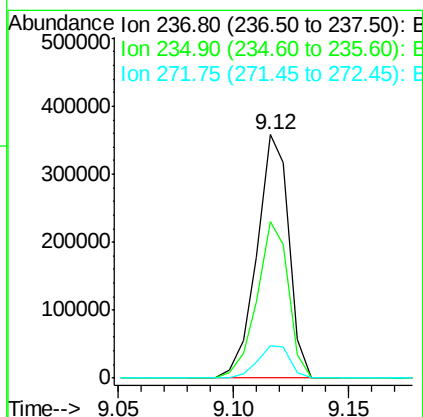
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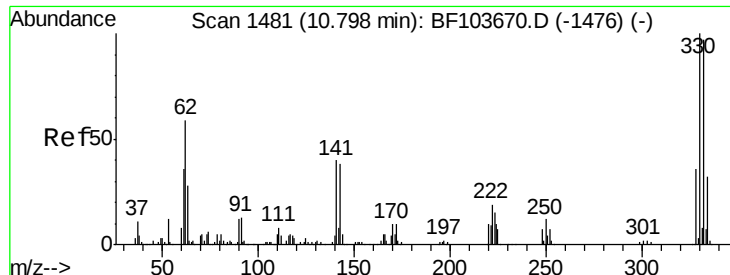
Sohil
 3/23/2018 2:46:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 74.961 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion:	237	Resp:	345281
Ion Ratio	Lower	Upper	
237	100		
235	64.2	44.8	84.8
272	13.1	0.0	33.3





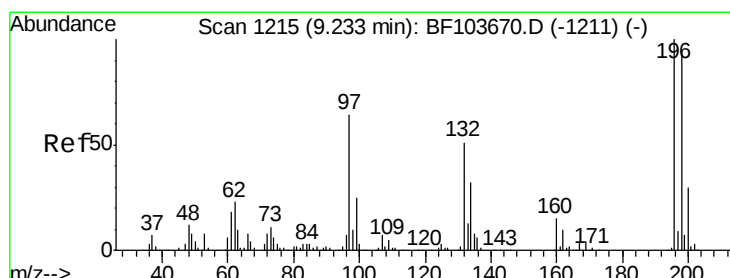
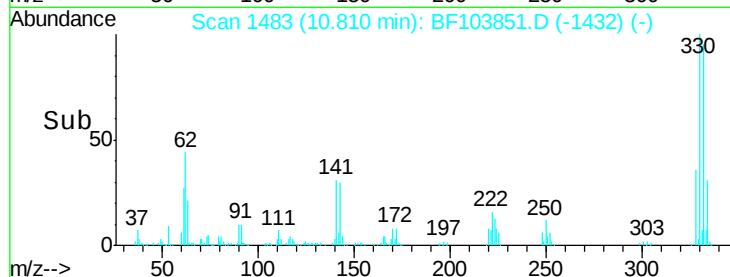
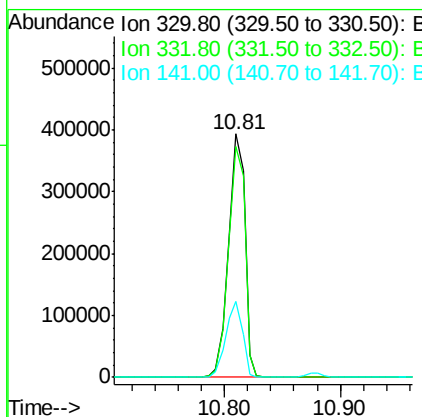
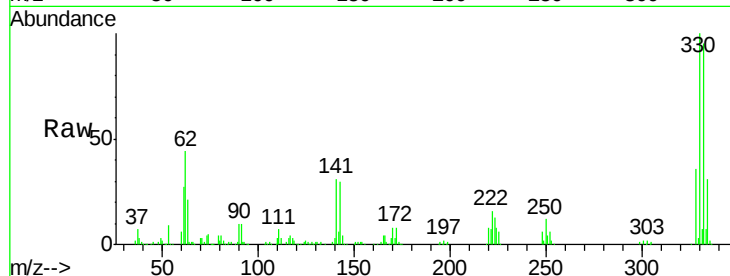
#41
 2,4,6-Tribromophenol
 Concen: 144.889 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleID :
 PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	389794		
332	96.7	77.0	115.6	
141	31.7	29.9	44.9	

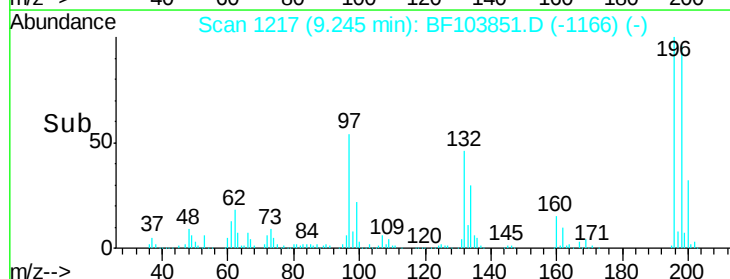
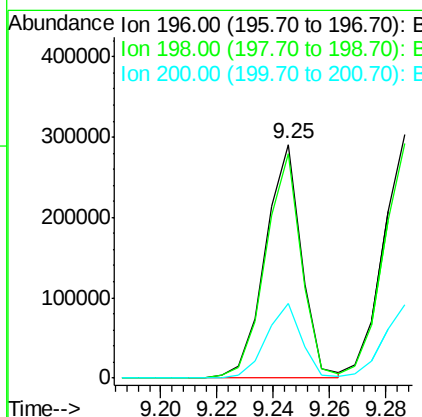
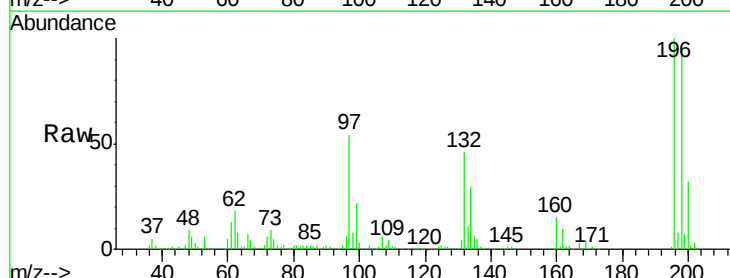
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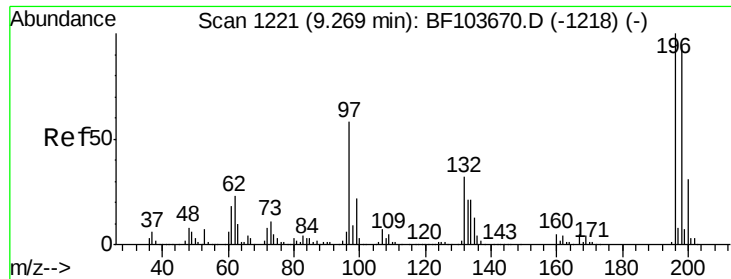
Sohil
 3/23/2018 2:46:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.278 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258521		
198	95.8	75.7	113.5	
200	32.2	24.5	36.7	





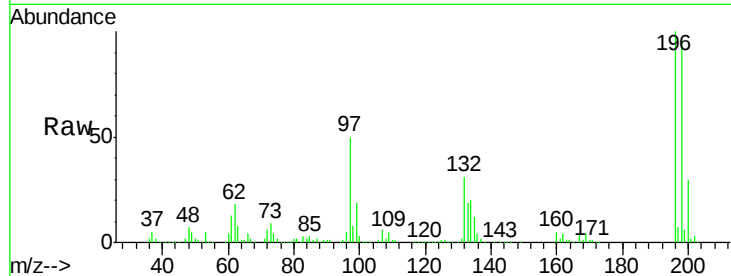
#43
 2,4,5-Trichlorophenol
 Concen: 43.244 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

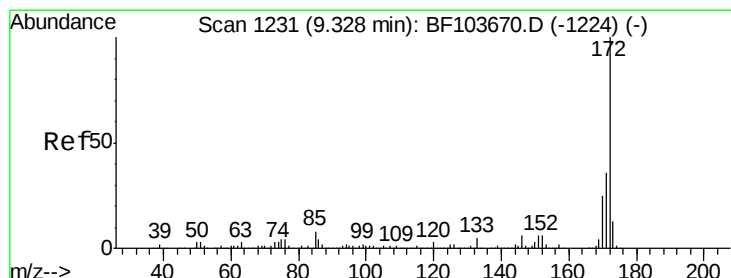
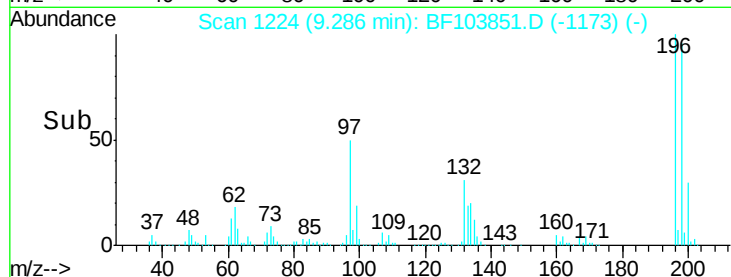
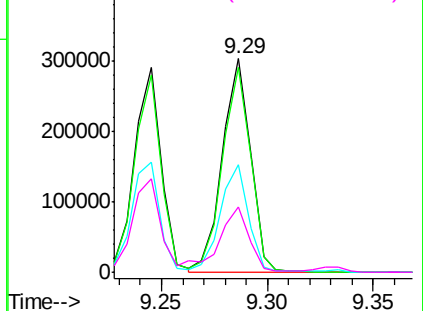
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278685		
198	96.2	74.6	112.0	
97	50.2	42.9	64.3	
132	30.8	26.3	39.5	

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 3/23/2018 2:46:32 PM



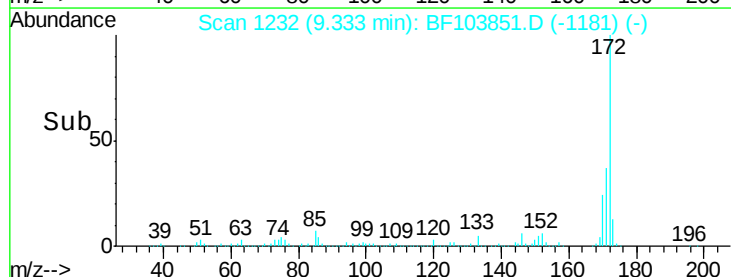
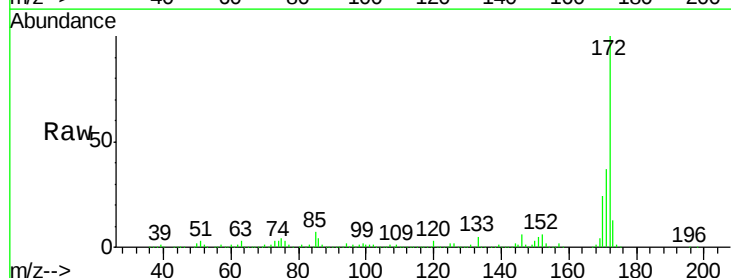
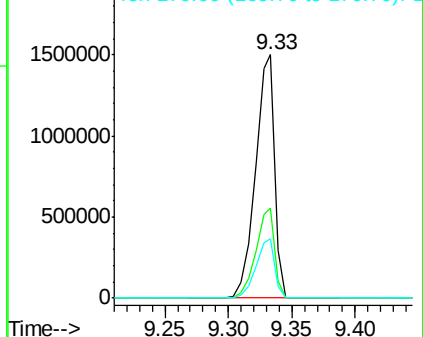
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

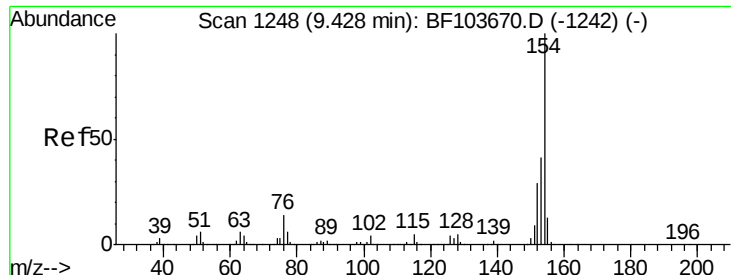


#44
 2-Fluorobiphenyl
 Concen: 80.980 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1588454		
171	36.8	29.7	44.5	
170	24.3	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





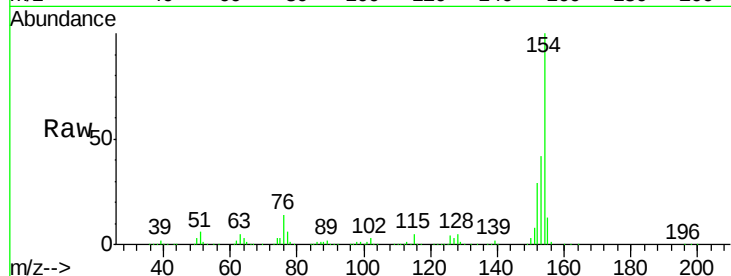
#45
 1,1'-Biphenyl
 Concen: 37.114 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.9	21.3	61.3
76	13.9	0.0	34.0

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 3/23/2018 2:46:32 PM

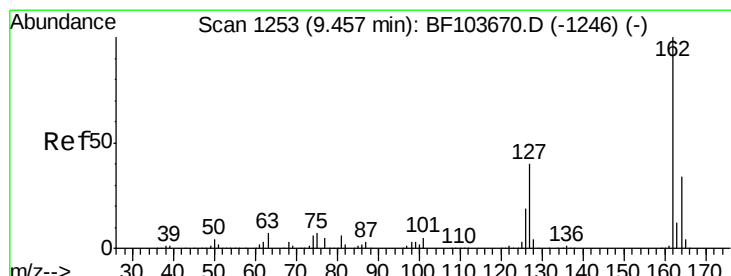
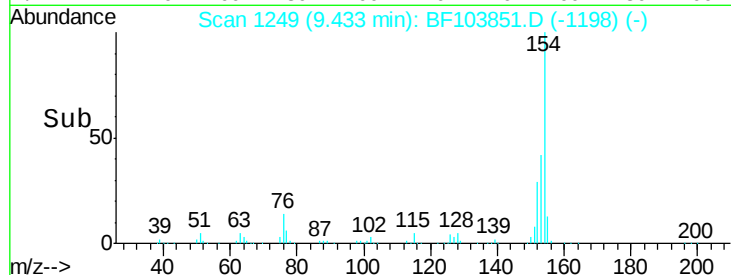
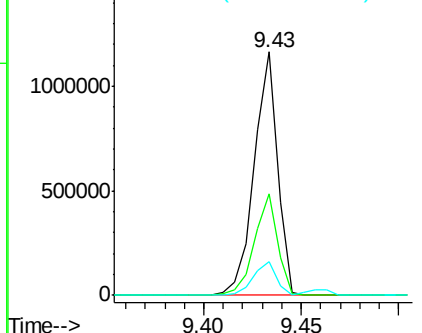


Abundance

Ion 154.00 (153.70 to 154.70): E

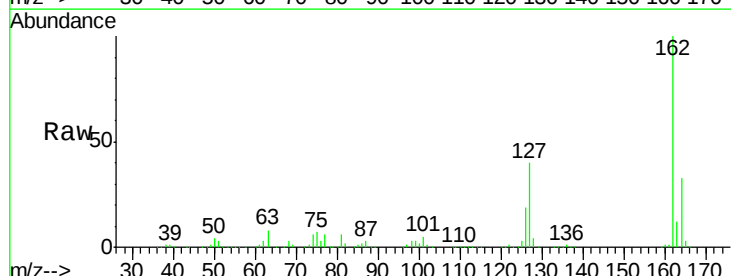
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 37.750 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.4	33.9	50.9
164	32.7	26.5	39.7

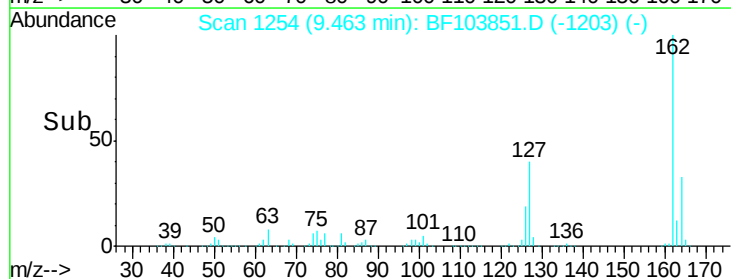
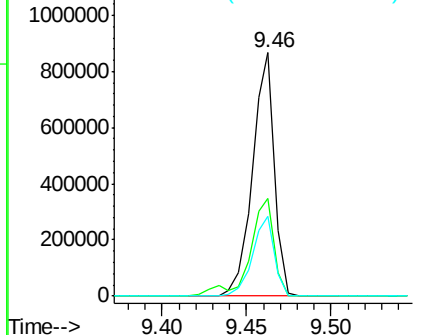


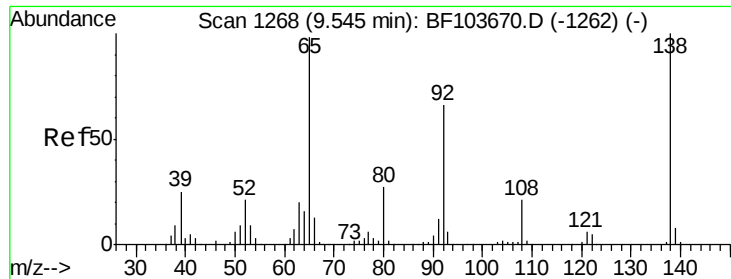
Abundance

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





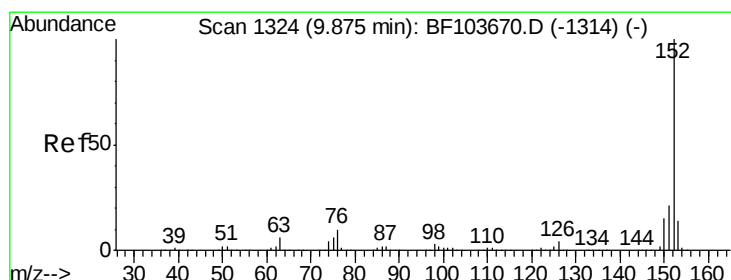
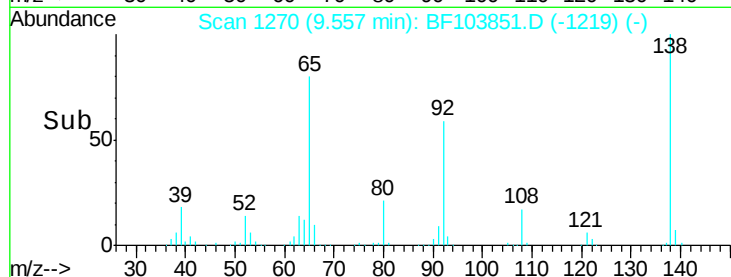
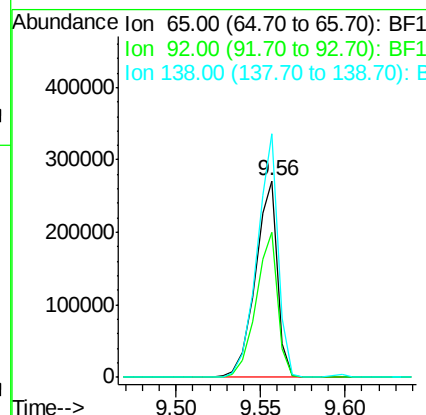
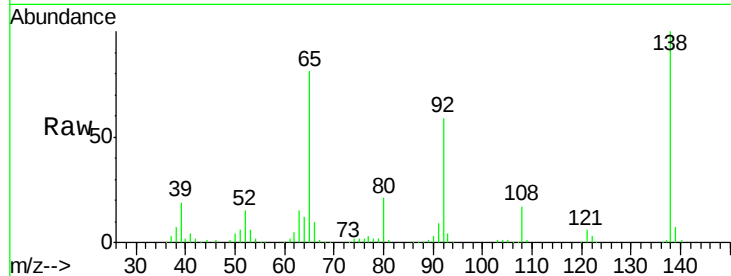
#47
2-Nitroaniline
Concen: 45.947 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	55.8	83.6
138	123.8	91.2	136.8

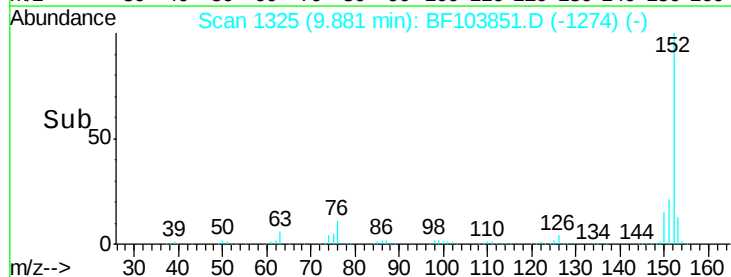
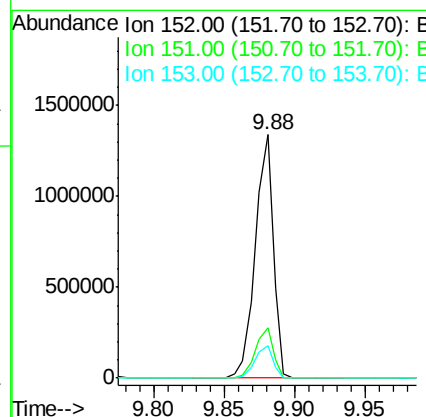
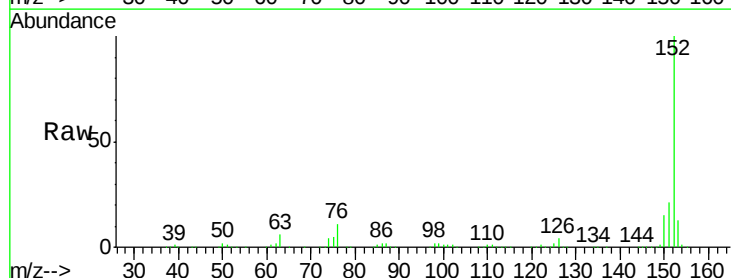
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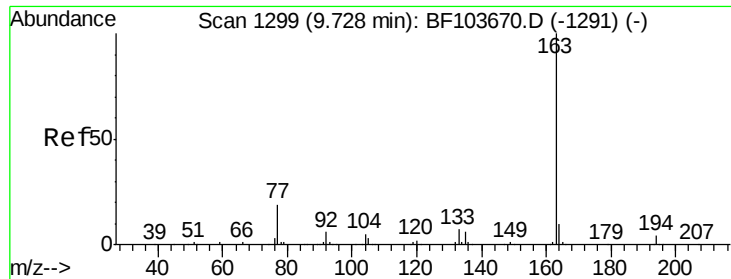
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3/23/2018 2:46:32 PM



#48
Acenaphthylene
Concen: 37.705 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.3	10.7	16.1





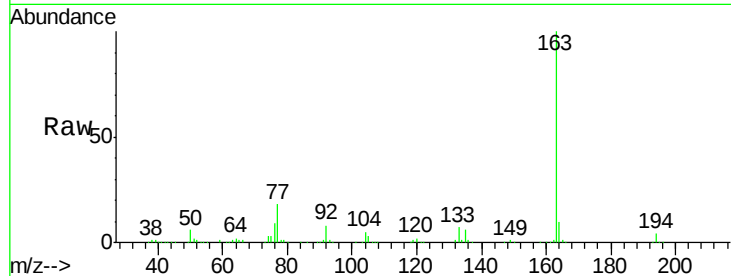
#49
Dimethylphthalate
Concen: 39.428 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampled :
PB107548BS

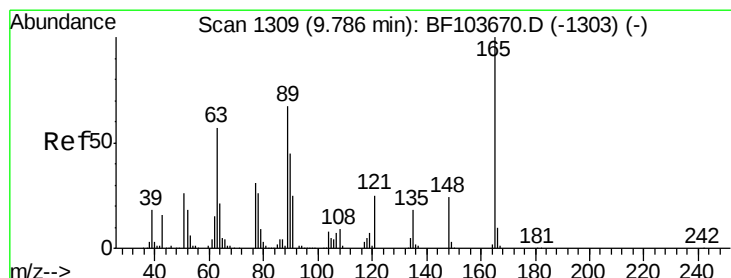
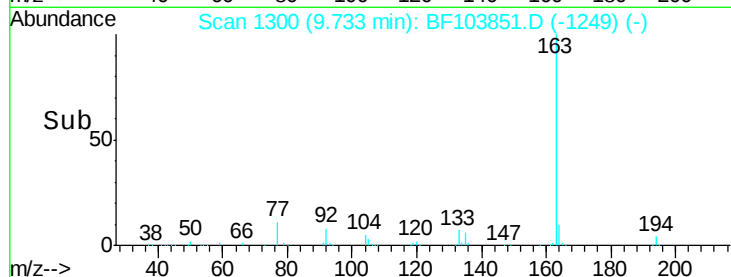
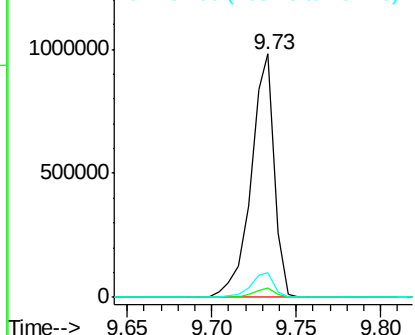
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	941234		
194	3.7	2.7	4.1	
164	10.1	8.2	12.2	

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3/23/2018 2:46:32 PM



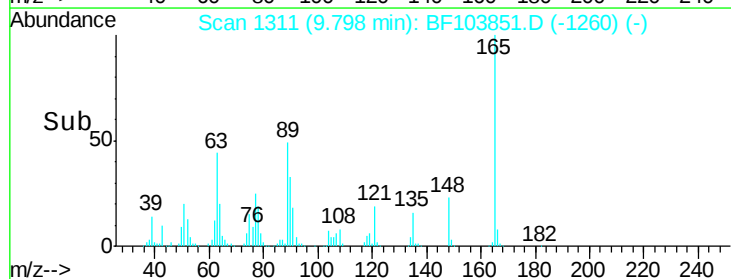
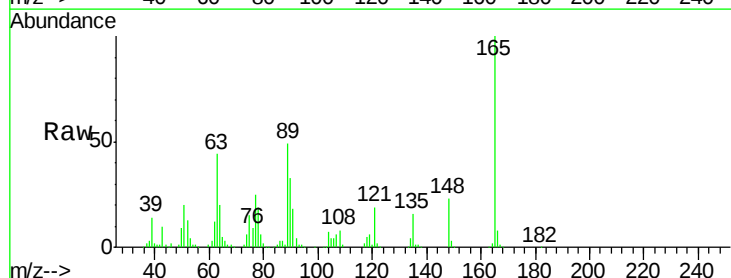
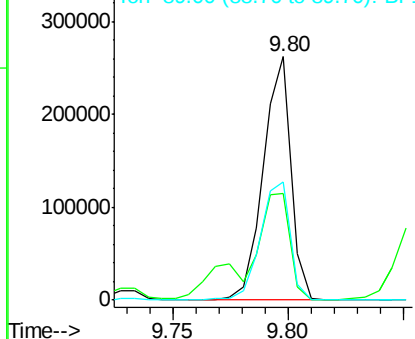
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

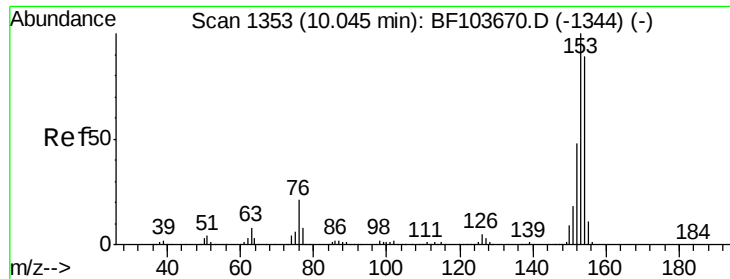


#50
2,6-Dinitrotoluene
Concen: 47.582 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219559		
63	43.8	44.7	67.1#	
89	48.6	44.0	66.0	

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





#51

Acenaphthene

Concen: 38.589 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

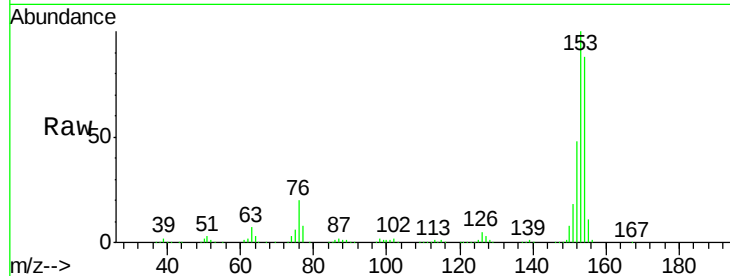
ClientSampleId :

PB107548BS

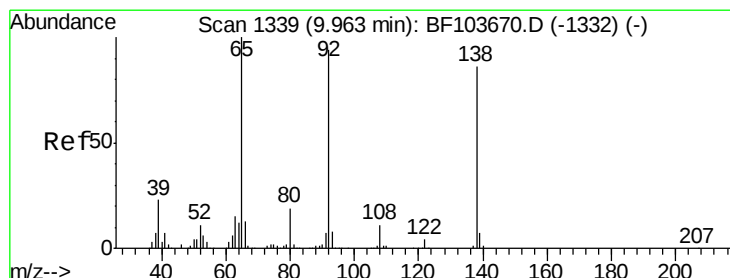
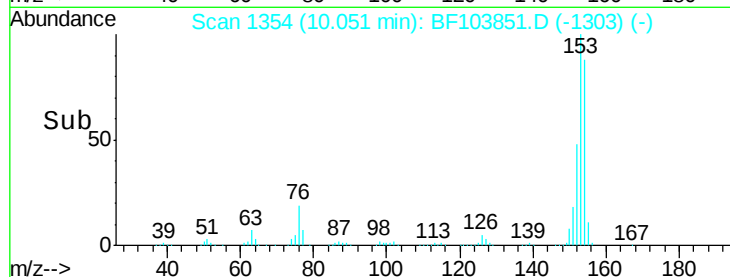
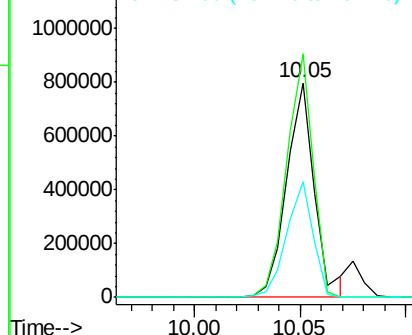
Tgt Ion:	154	Resp:	736307
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.2	136.8
152	54.0	43.8	65.8

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3/23/2018 2:46:32 PM



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



#52

3-Nitroaniline

Concen: 28.686 ng

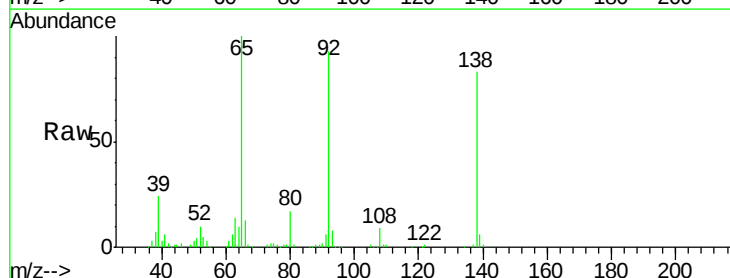
RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

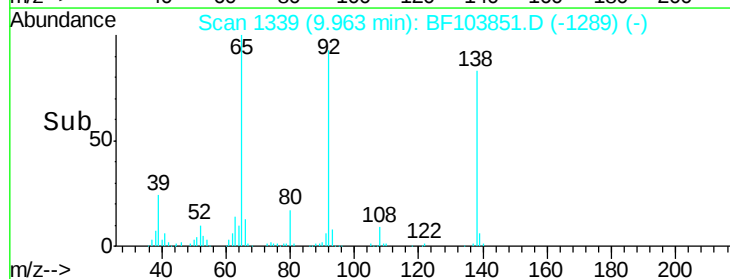
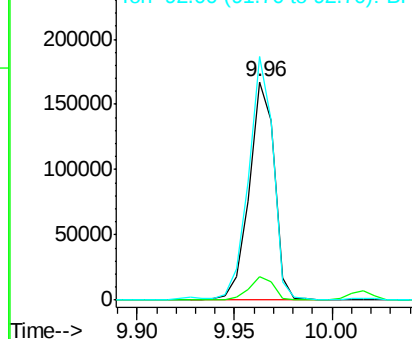
Lab File: BF103851.D

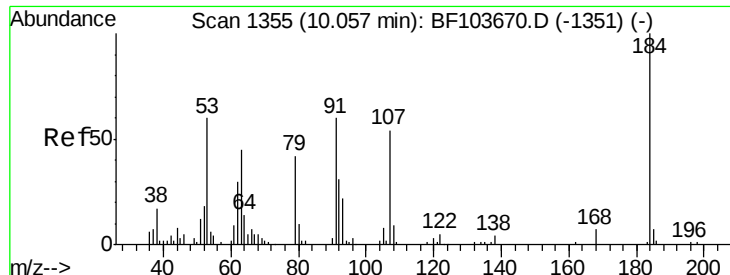
Acq: 22 Mar 2018 15:00

Tgt Ion:	138	Resp:	149538
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	111.5	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





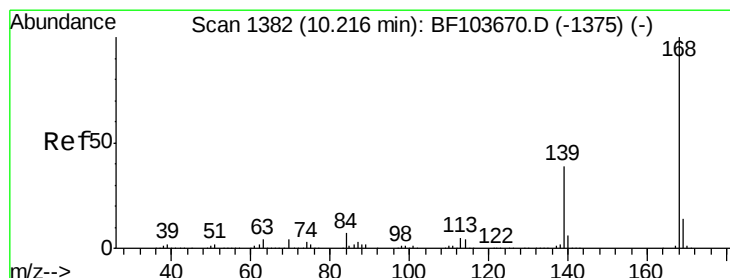
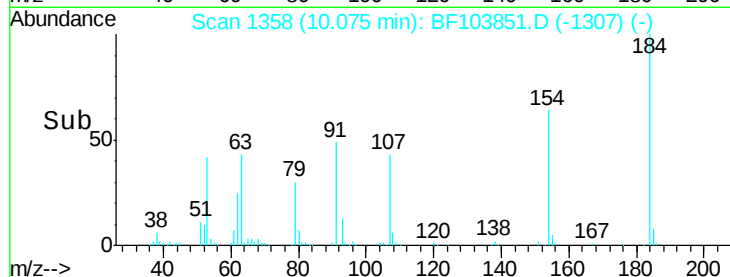
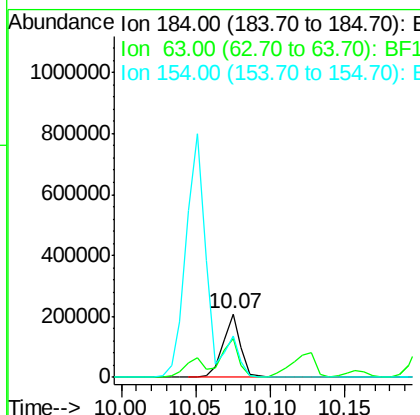
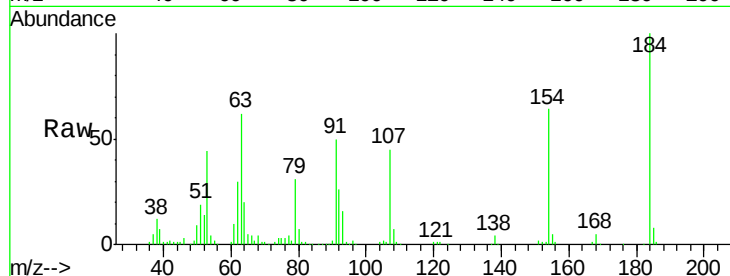
#53
2,4-Dinitrophenol
Concen: 101.567 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleID :
PB107548BS

Tgt Ion:184 Resp: 175260
Ion Ratio Lower Upper
184 100
63 61.9 54.2 81.2
154 64.3 184.0 276.0#

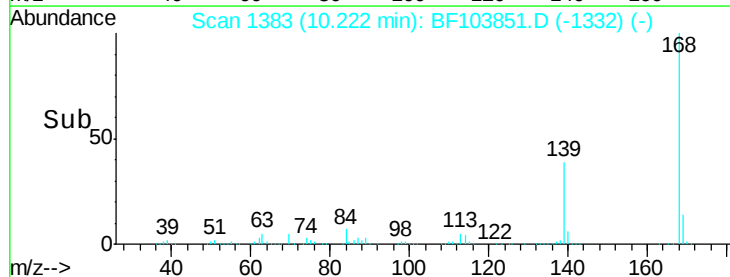
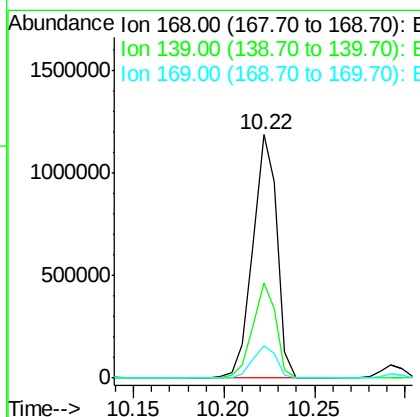
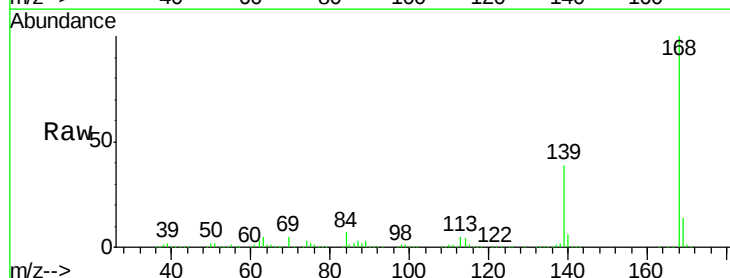
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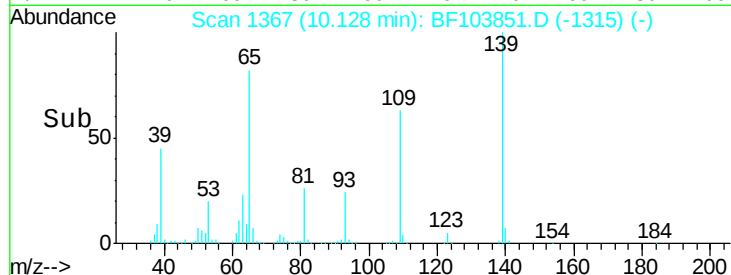
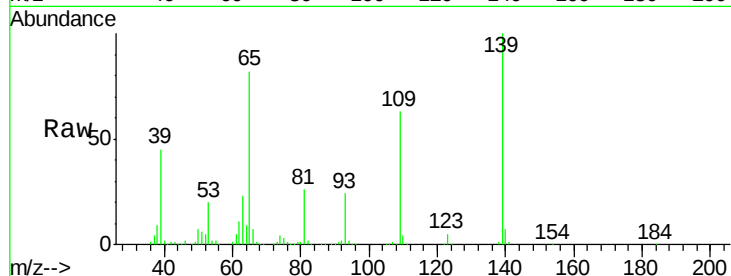
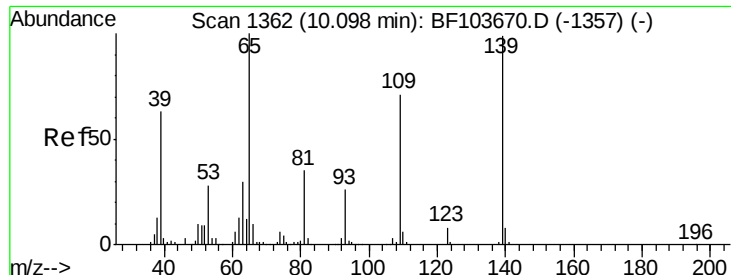
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3/23/2018 2:46:32 PM



#54
Dibenzofuran
Concen: 40.201 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion:168 Resp: 1095523
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.5 10.9 16.3





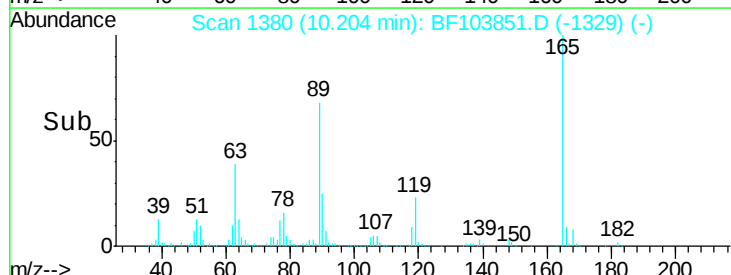
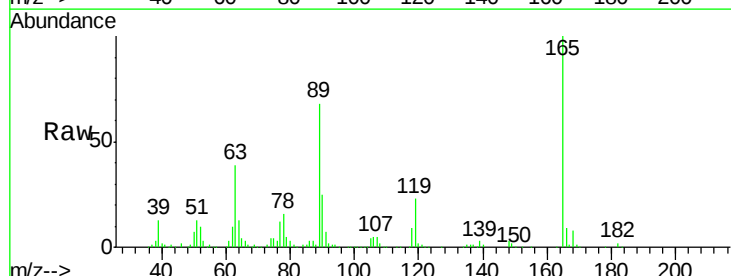
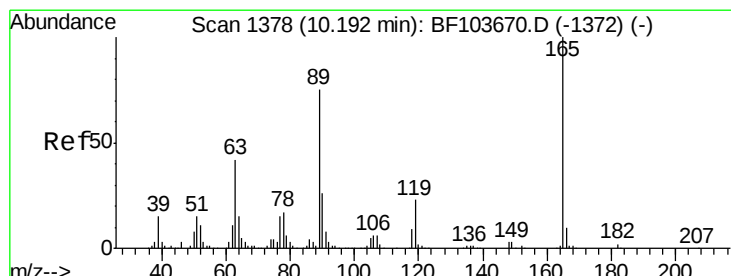
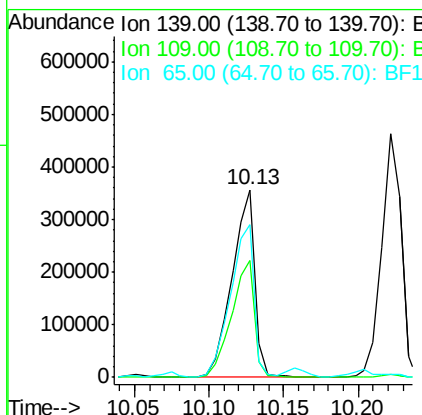
#55
4-Nitrophenol
Concen: 87.372 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	48.4	88.4
65	81.8	72.6	112.6

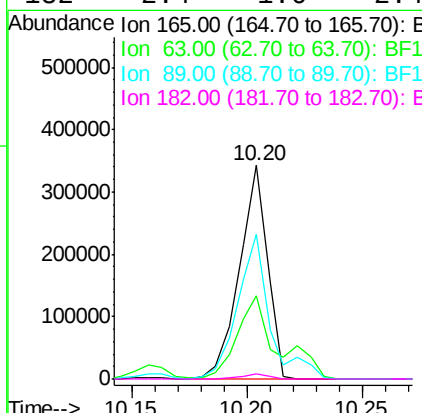
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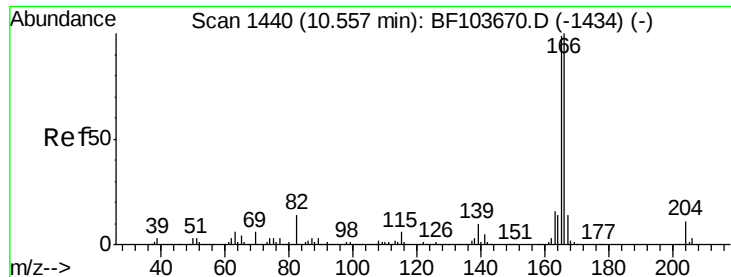
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#56
2,4-Dinitrotoluene
Concen: 49.629 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.0	36.4	54.6
89	68.0	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 39.189 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

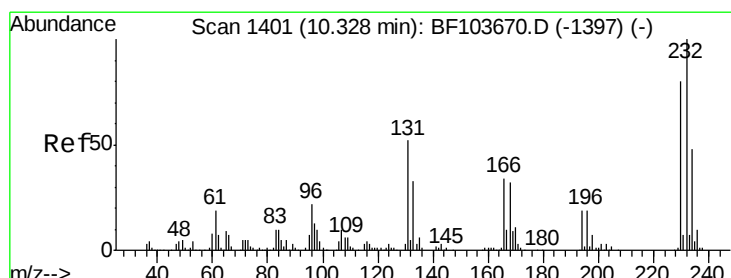
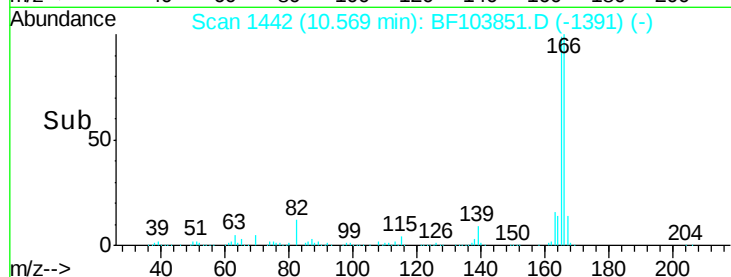
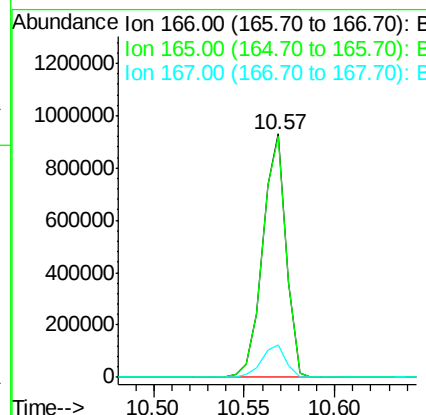
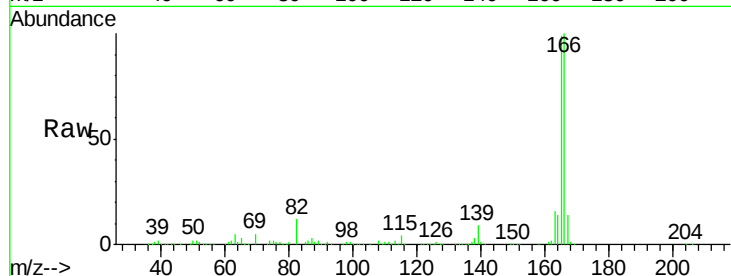
ClientSampleId :

PB107548BS

Tgt Ion:	166	Resp:	828705
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.310 ng

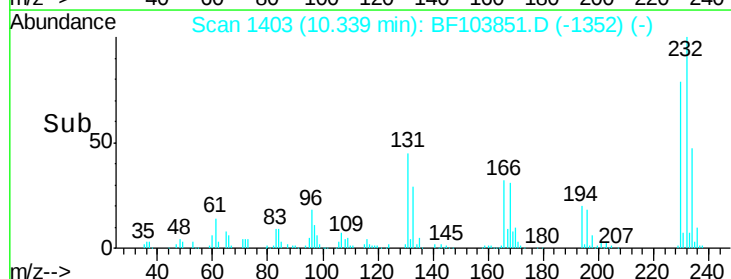
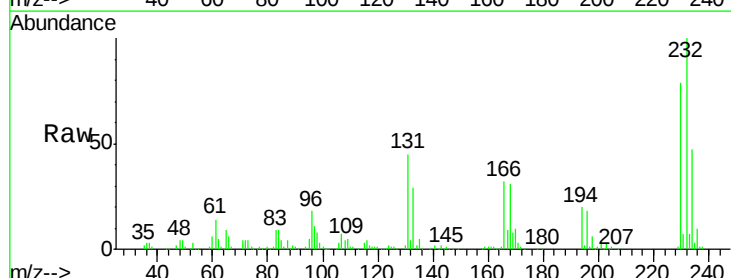
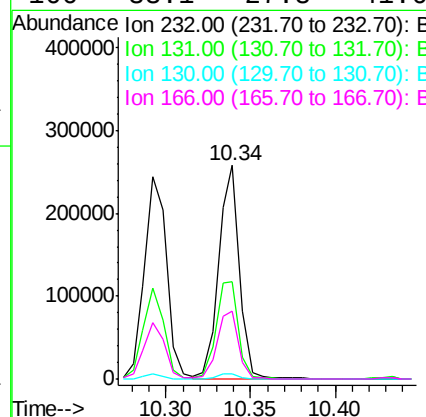
RT: 10.34 min Scan# 1403

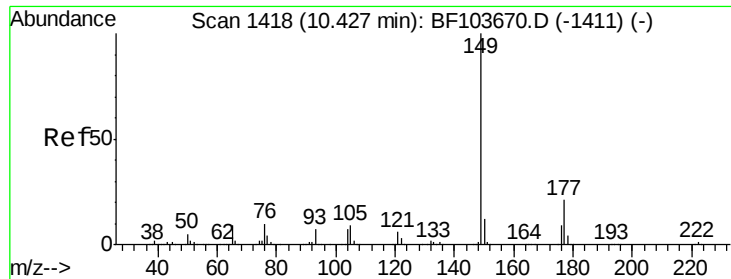
Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion:	232	Resp:	220603
Ion Ratio	Lower	Upper	
232	100		
131	49.6	43.8	65.8
130	2.4	2.1	3.1
166	33.1	27.8	41.6





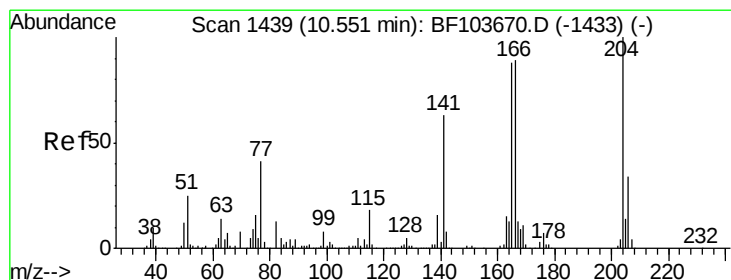
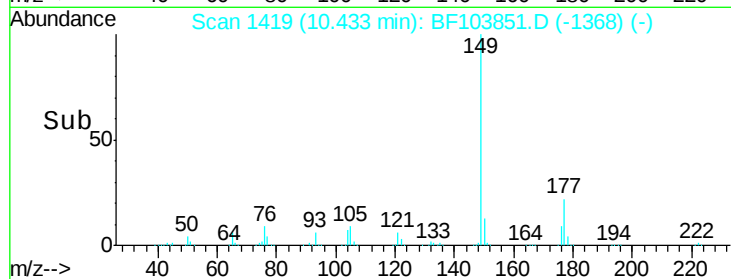
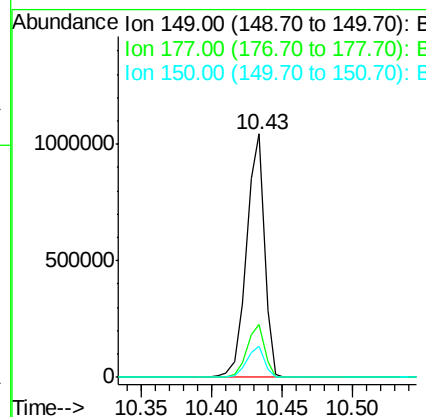
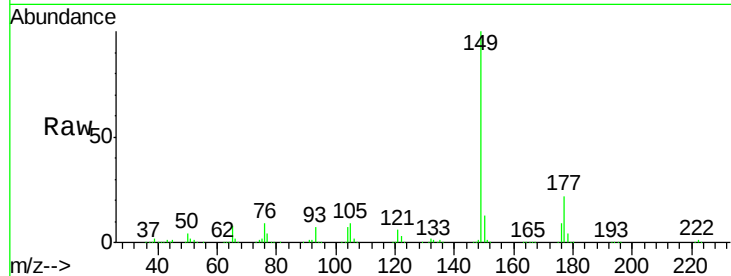
#59
Diethylphthalate
Concen: 38.896 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampled :
PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	921587		
177	21.8	16.1	24.1	
150	12.5	10.1	15.1	

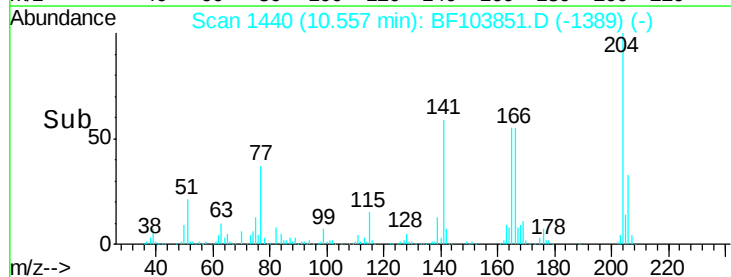
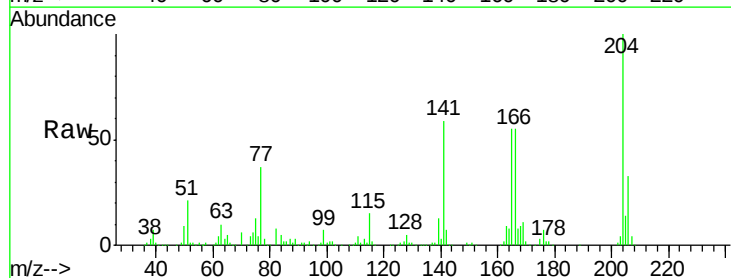
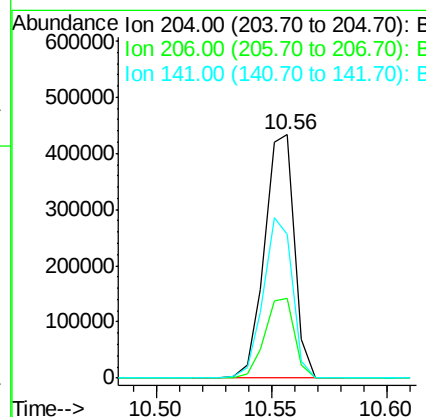
Manual Integrations
APPROVED

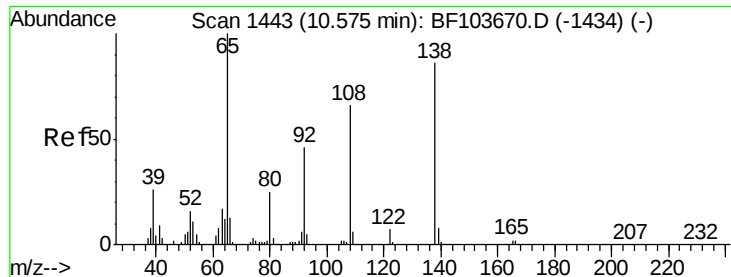
Sohil
3/23/2018 2:46:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.427 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	390699		
206	33.0	26.5	39.7	
141	58.9	54.6	81.8	





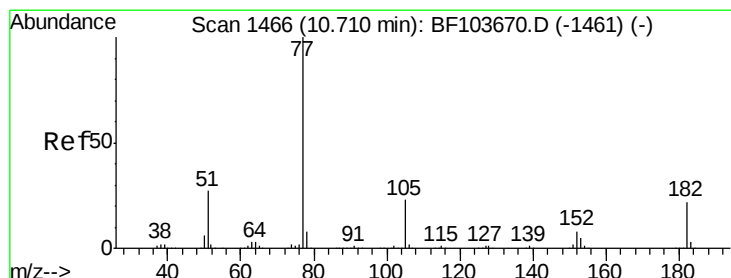
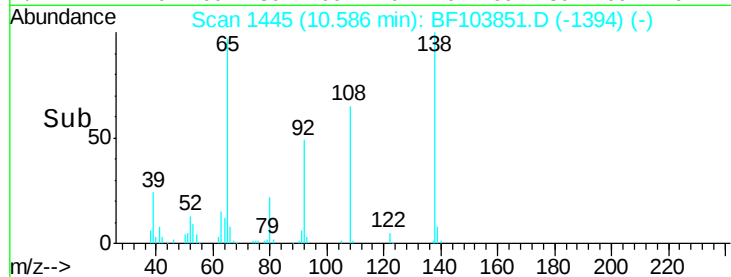
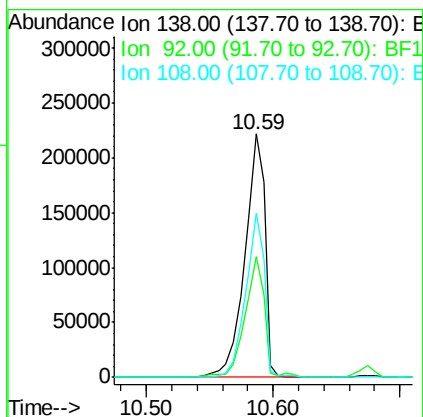
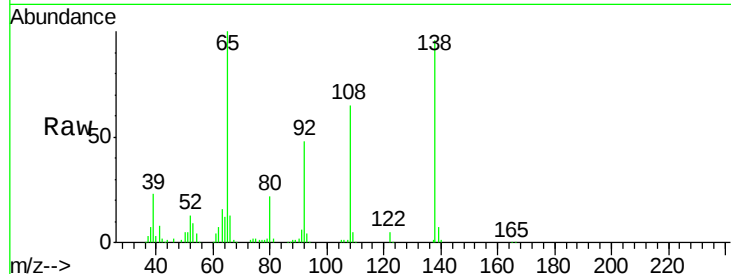
#61
4-Nitroaniline
Concen: 45.699 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.2	70.2
108	67.6	52.5	92.5

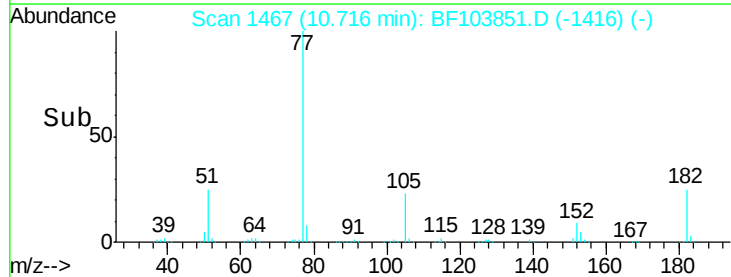
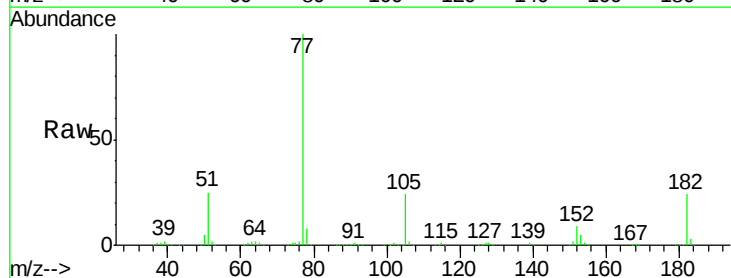
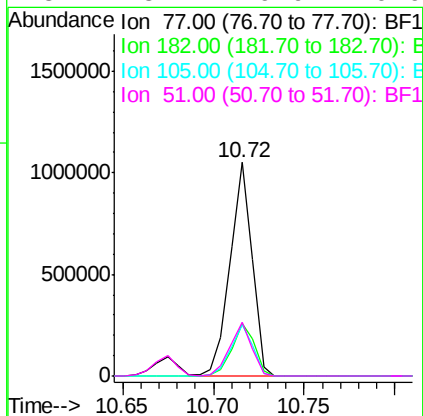
Manual Integrations
APPROVED

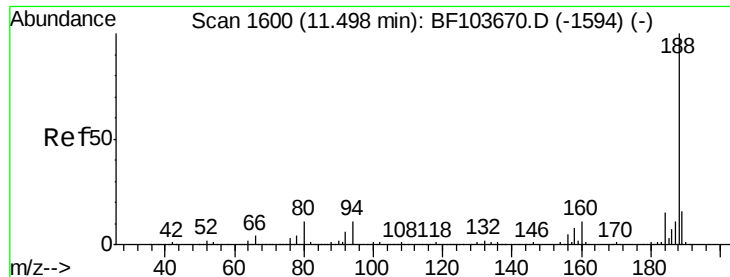
Sohil
3/23/2018 2:46:32 PM



#62
Azobenzene
Concen: 37.126 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.7	41.7
105	23.9	3.0	43.0
51	25.4	9.9	49.9





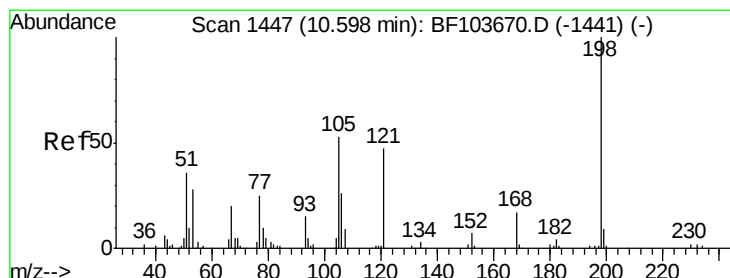
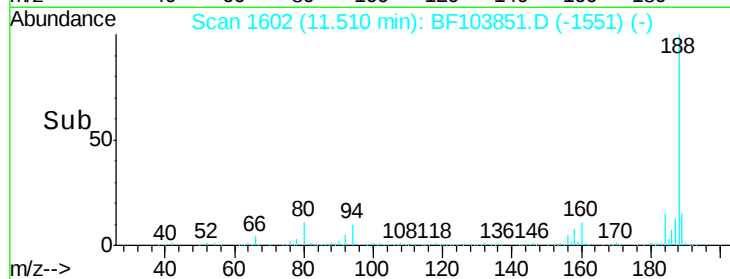
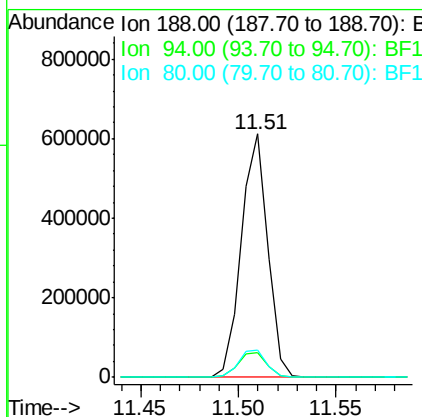
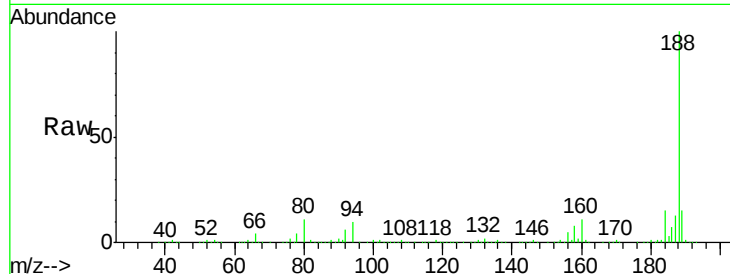
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.3	8.5	12.7
80	11.4	9.2	13.8

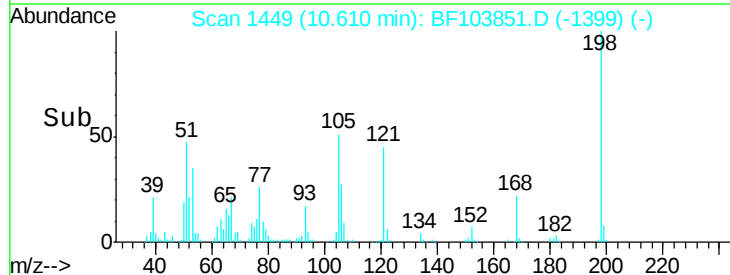
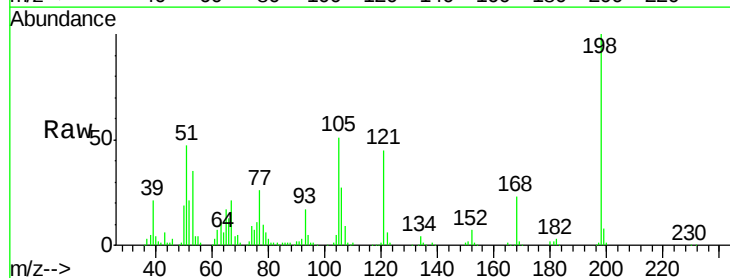
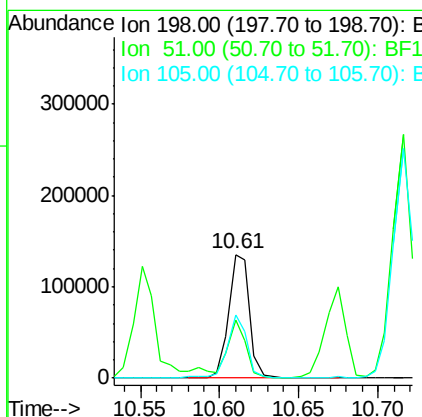
Manual Integrations
 APPROVED

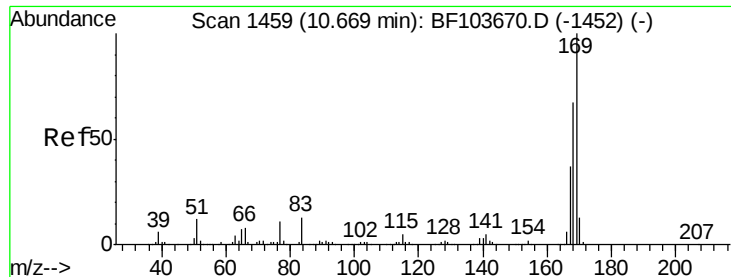
Sohil
 3/23/2018 2:46:32 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 54.712 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	47.0	37.7	77.7
105	51.4	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.649 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

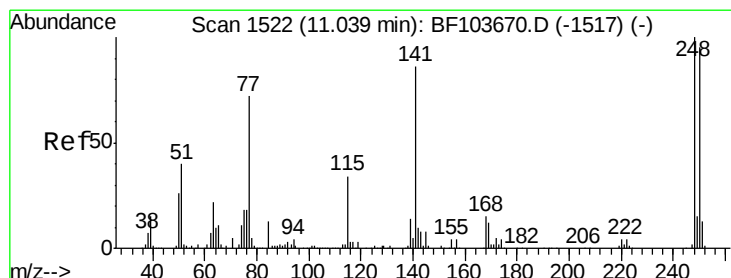
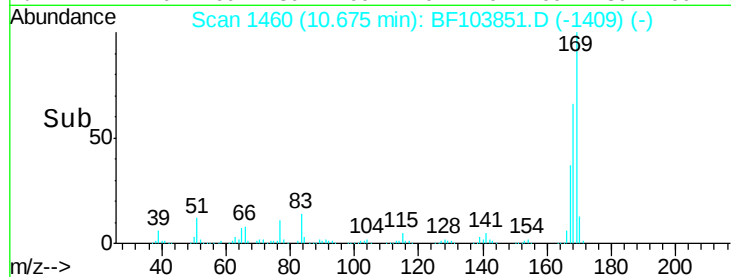
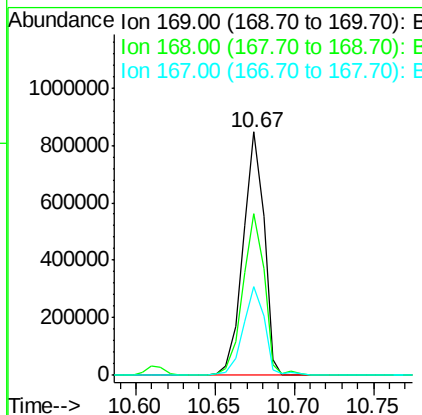
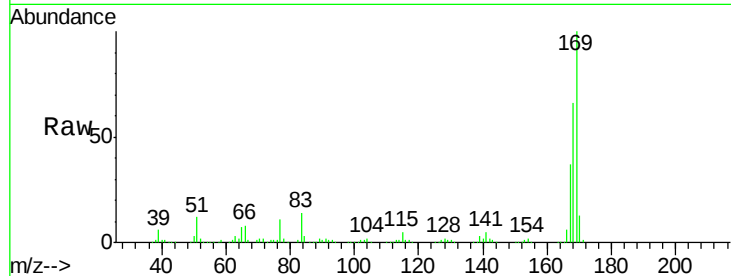
ClientSampleId :

PB107548BS

Tgt Ion:	169	Resp:	774302
Ion Ratio	Lower	Upper	
169	100		
168	66.2	54.4	81.6
167	36.6	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/23/2018 2:46:32 PM



#66

4-Bromophenyl-phenylether

Concen: 41.382 ng

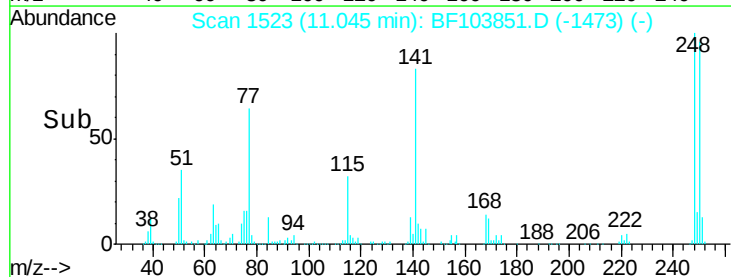
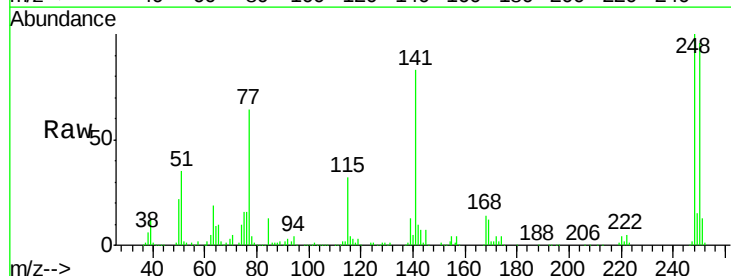
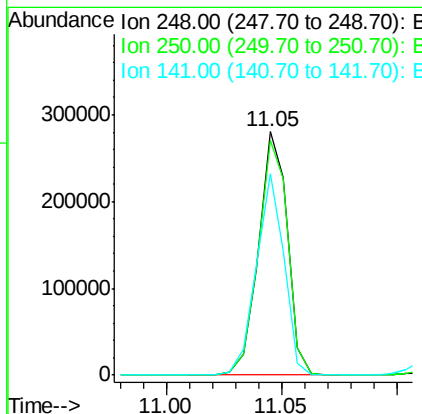
RT: 11.05 min Scan# 1523

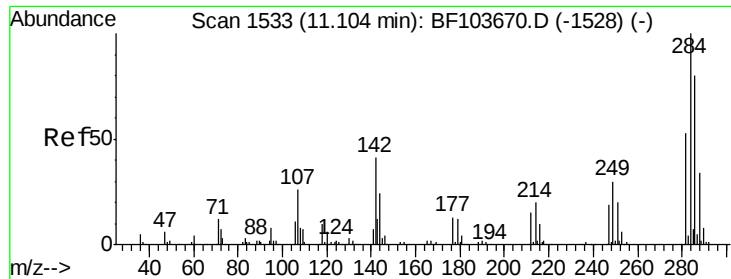
Delta R.T. -0.01 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion:	248	Resp:	243772
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.9	115.3
141	82.6	74.4	111.6





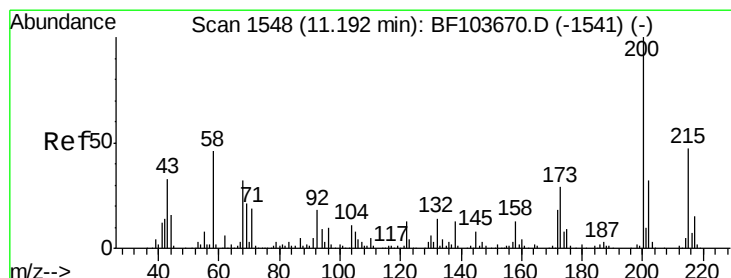
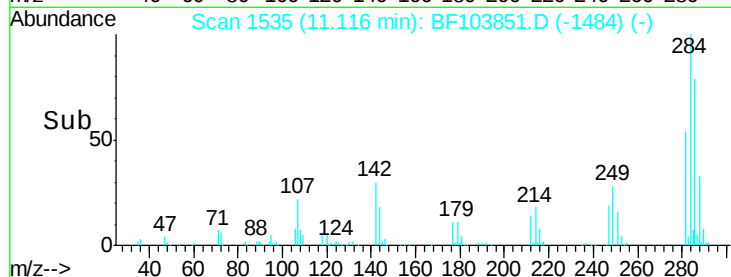
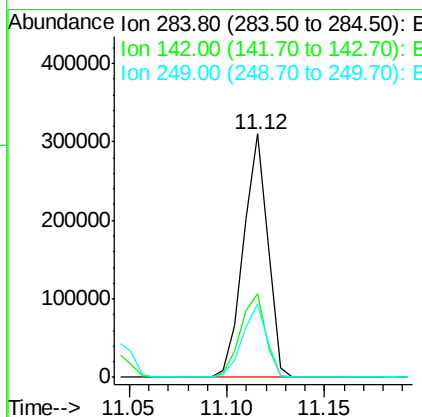
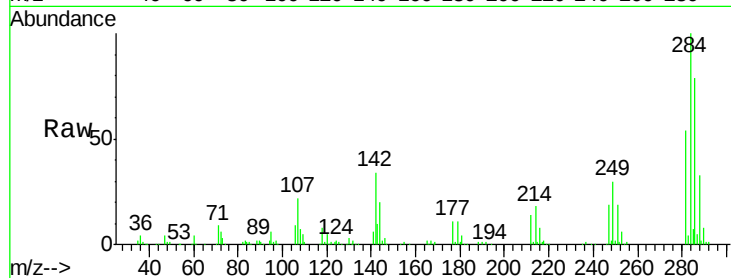
#67
Hexachlorobenzene
Concen: 39.894 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	268223		
142	34.3	34.6	52.0#	
249	30.1	24.8	37.2	

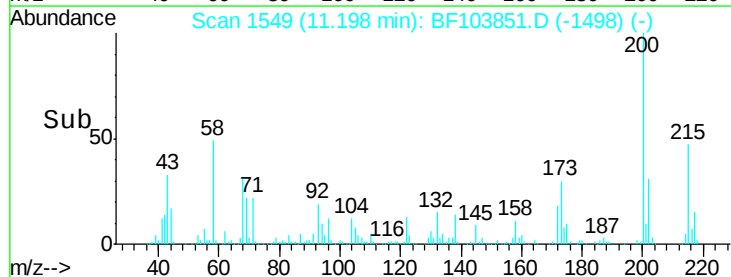
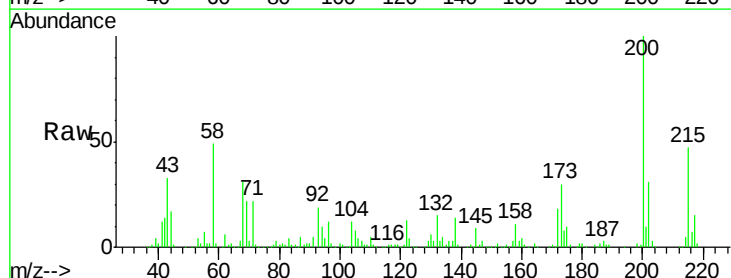
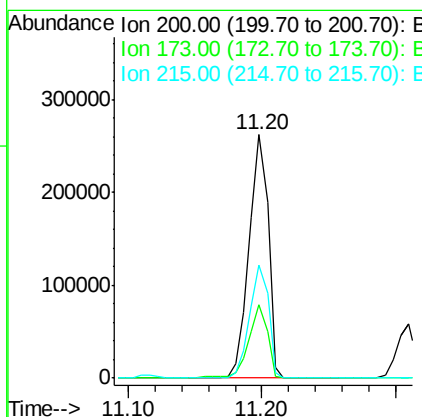
Manual Integrations
APPROVED

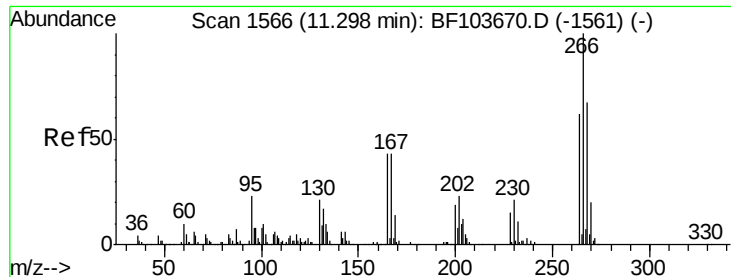
Sohil
3/23/2018 2:46:32 PM



#68
Atrazine
Concen: 42.564 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	257135		
173	30.1	8.6	48.6	
215	46.6	25.1	65.1	





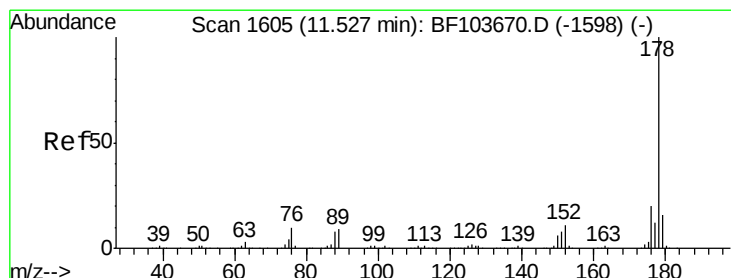
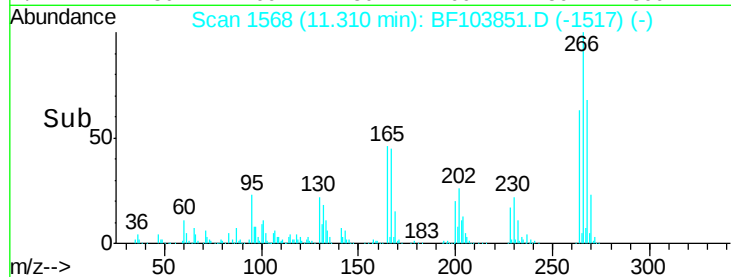
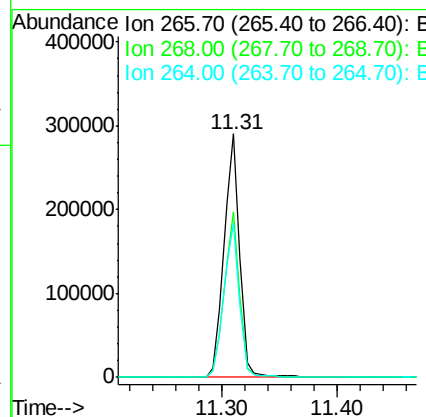
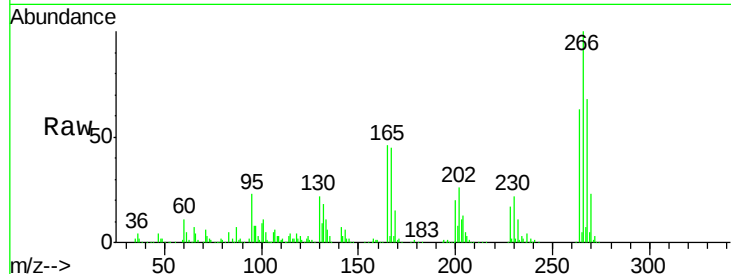
#69
 Pentachlorophenol
 Concen: 70.637 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	51.1	76.7
264	63.5	49.5	74.3

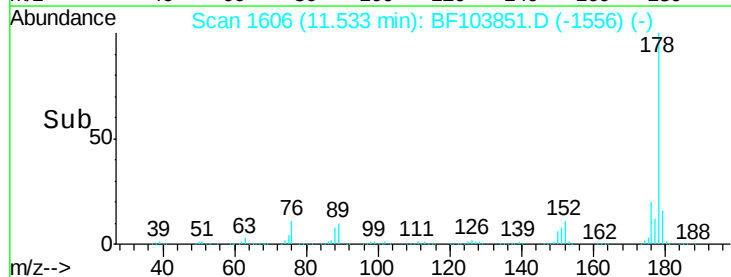
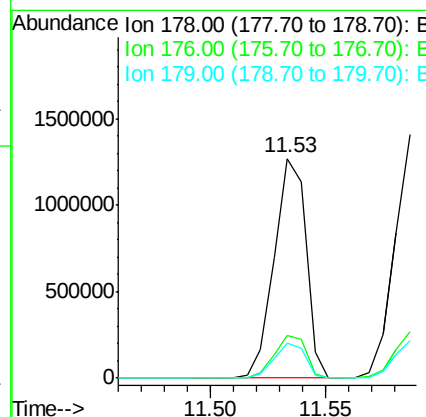
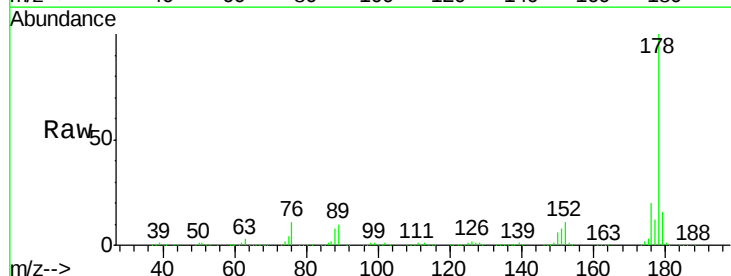
Manual Integrations
 APPROVED

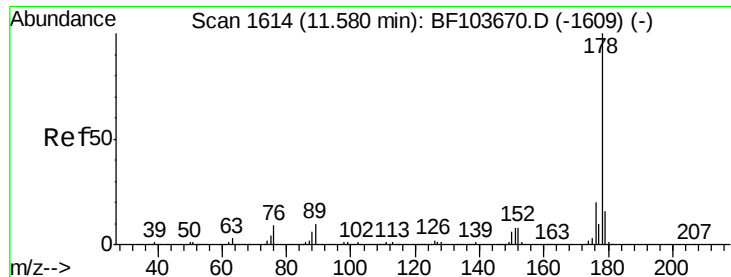
Sohil
 3/23/2018 2:46:32 PM



#70
 Phenanthrene
 Concen: 38.740 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6





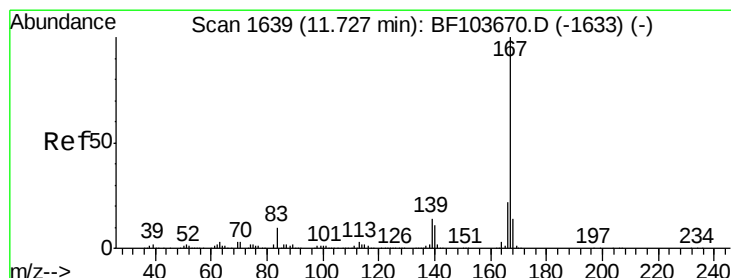
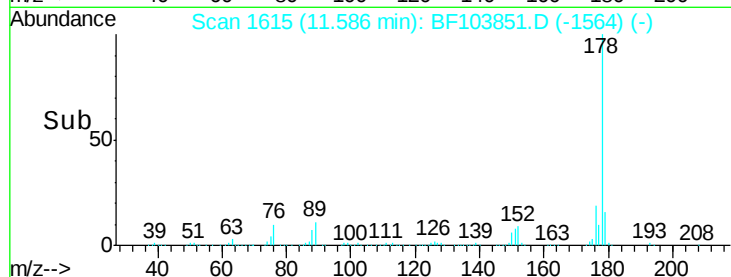
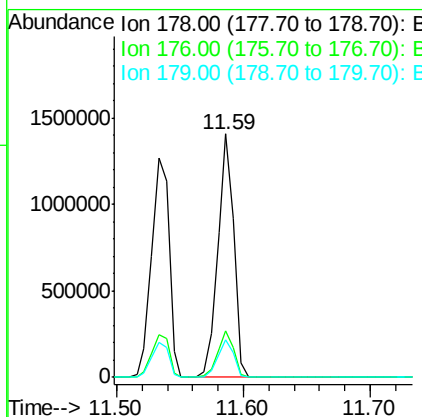
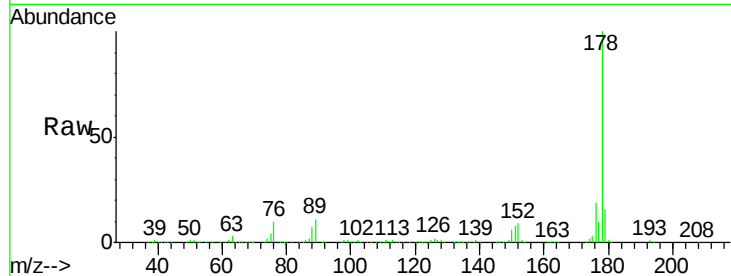
#71
 Anthracene
 Concen: 39.454 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion:178 Resp: 1257644
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0

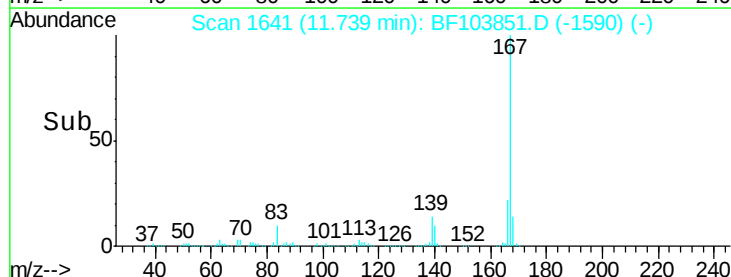
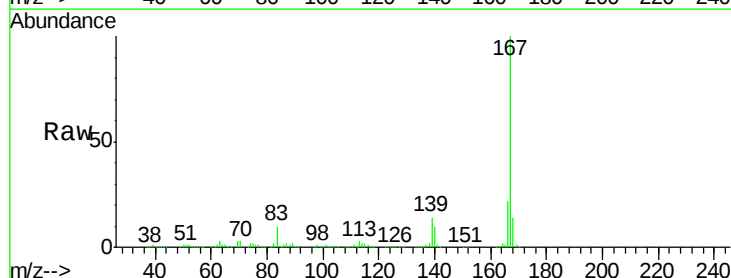
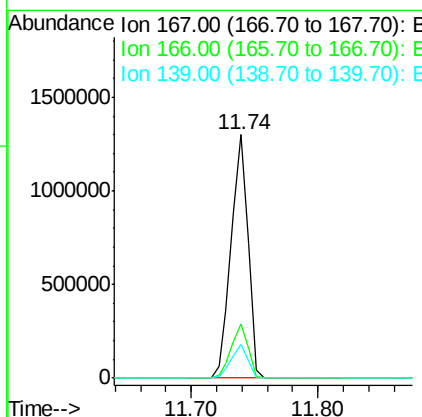
Manual Integrations
 APPROVED

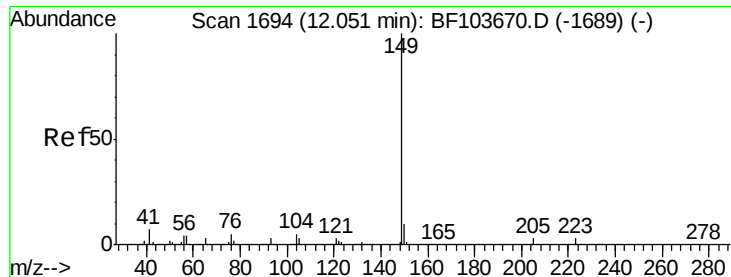
Sohil
 3/23/2018 2:46:32 PM



#72
 Carbazole
 Concen: 38.631 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion:167 Resp: 1196861
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.807 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

ClientSampleId :

PB107548BS

Tgt Ion:149 Resp: 1479840

Ion Ratio Lower Upper

149 100

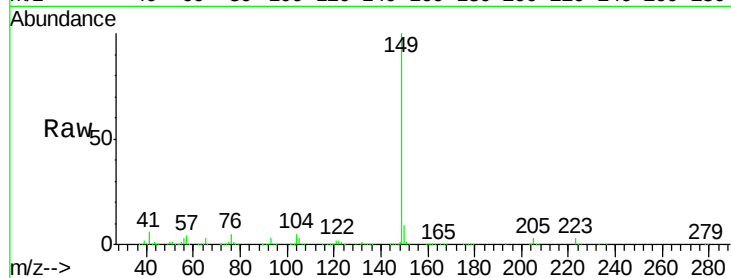
150 9.5 7.8 11.6

104 4.7 3.8 5.8

Manual Integrations
APPROVED

Sohil

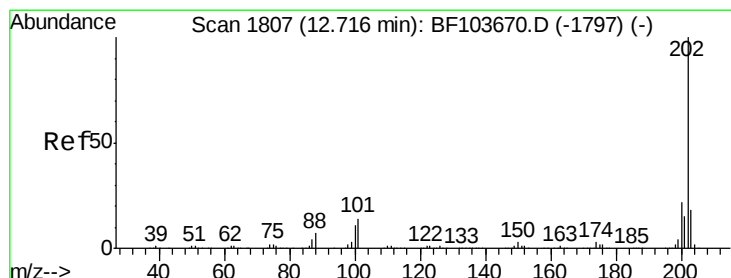
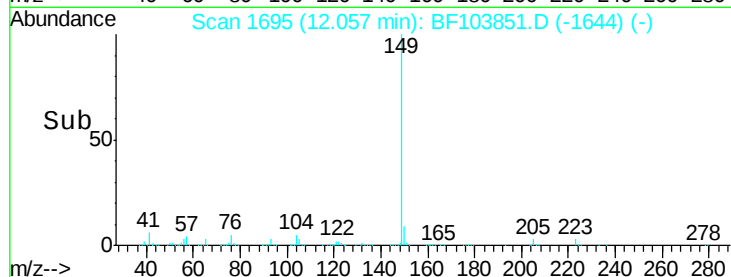
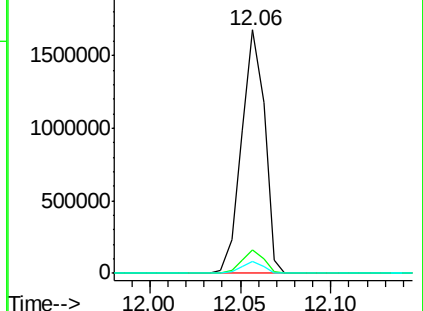
3/23/2018 2:46:32 PM



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: 39.574 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

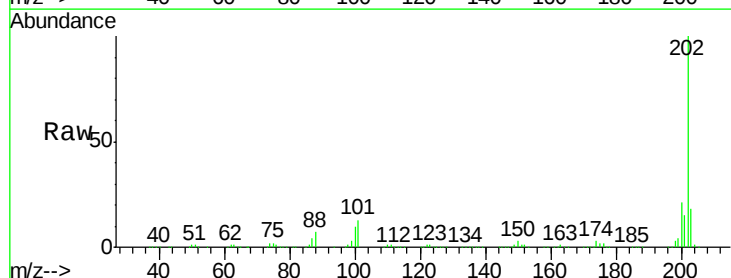
Tgt Ion:202 Resp: 1279551

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

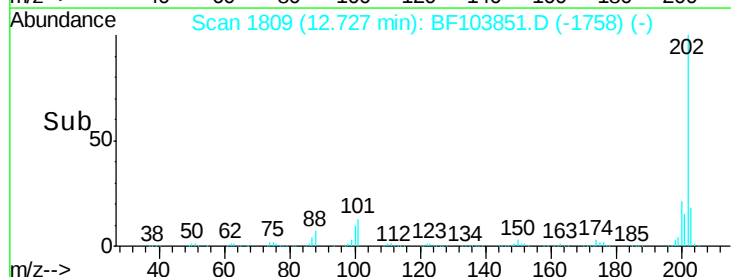
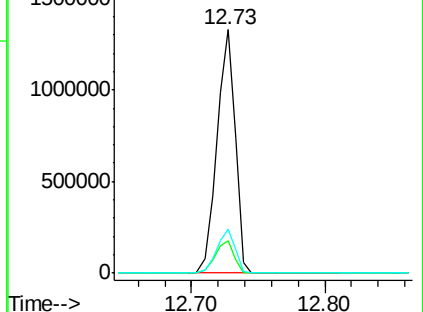
203 17.8 0.0 38.1

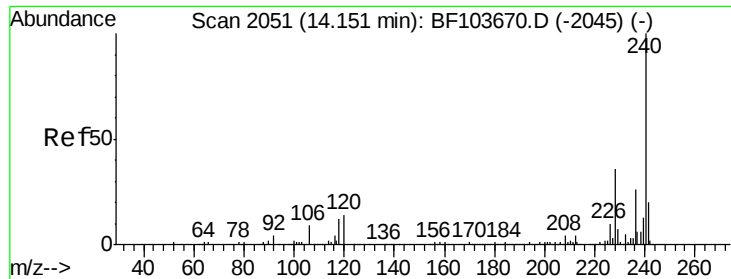


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





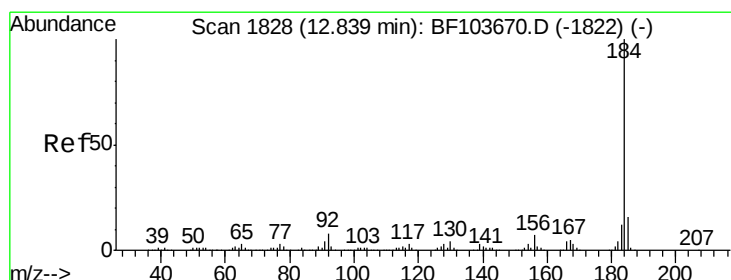
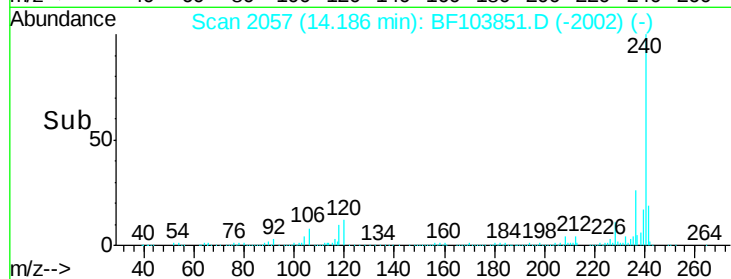
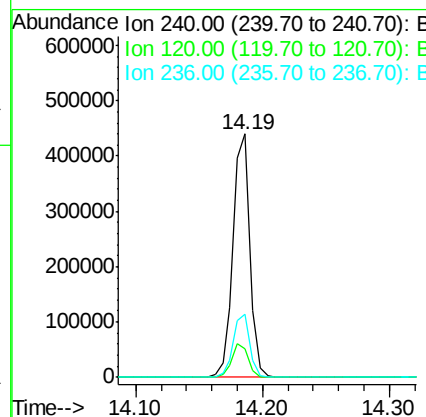
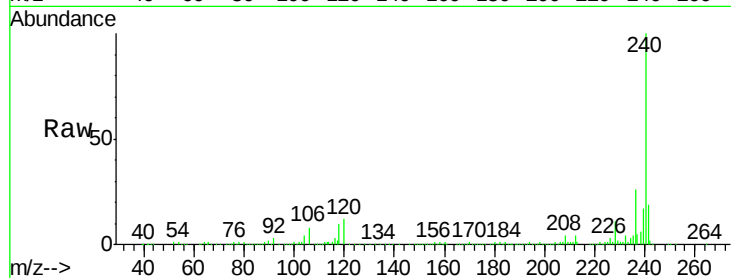
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.02 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	402716		
120	11.5	9.5	14.3	
236	25.7	20.7	31.1	

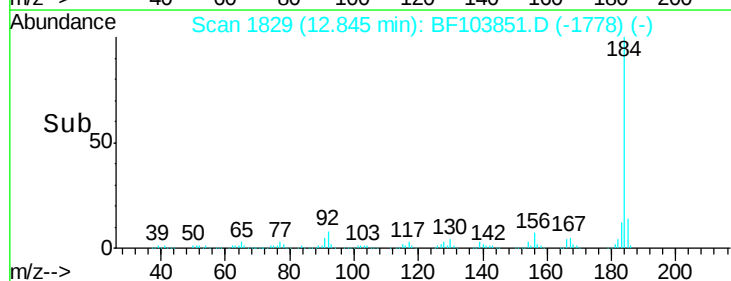
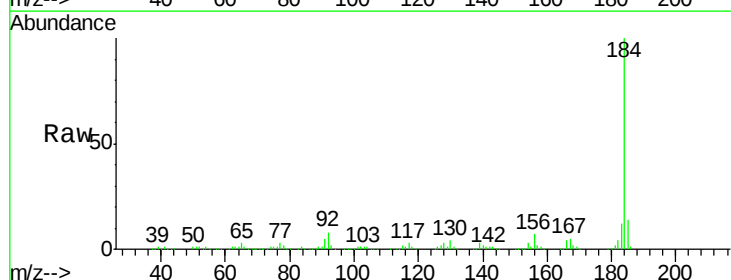
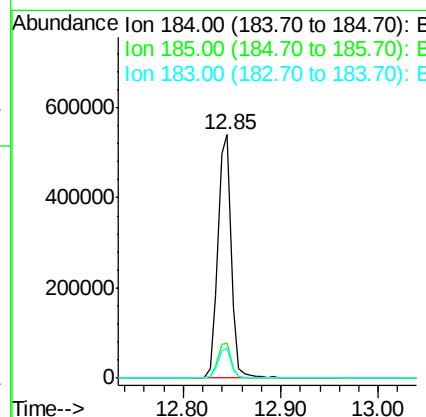
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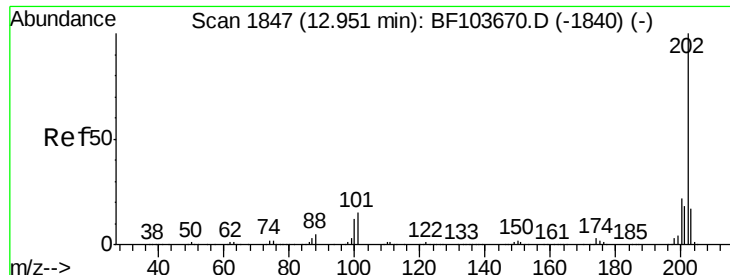
Sohil
3/23/2018 2:46:32 PM



#76
Benzidine
Concen: 30.042 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	516002		
185	14.2	12.6	18.8	
183	12.1	9.3	13.9	





#77

Pyrene

Concen: 42.604 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

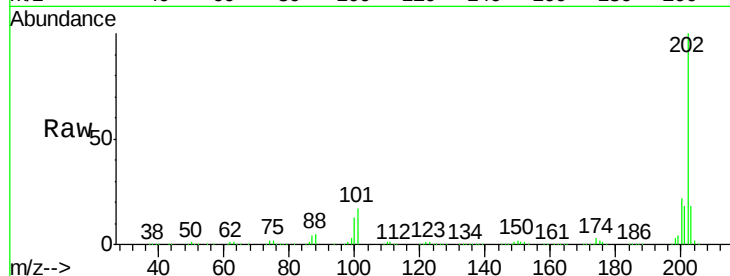
ClientSampleId :

PB107548BS

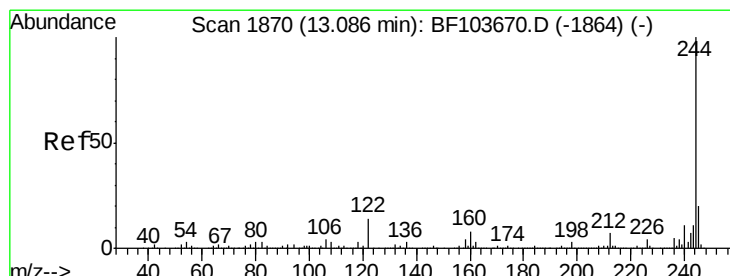
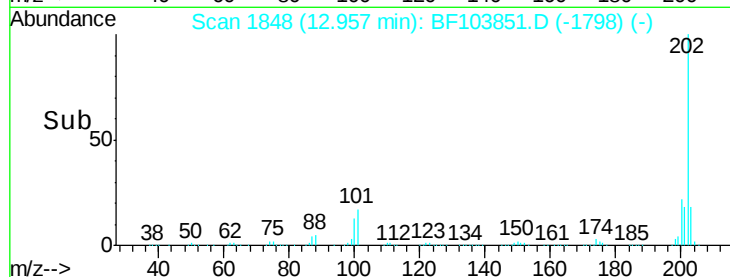
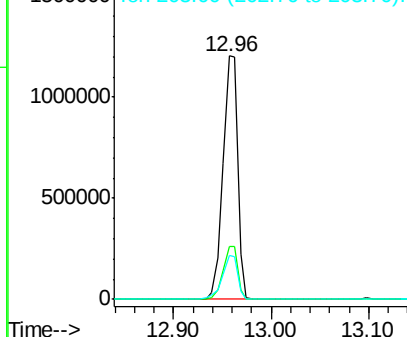
Tgt Ion:	202	Resp:	1260032
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5

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



#78

Terphenyl-d14

Concen: 94.802 ng

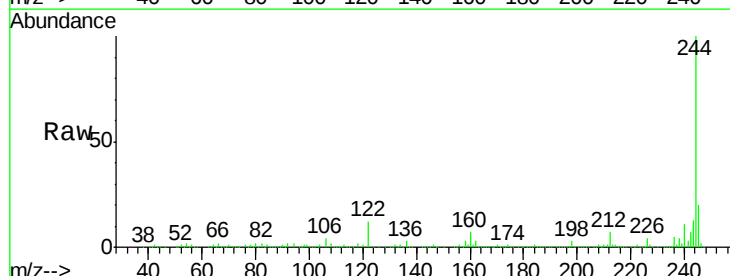
RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

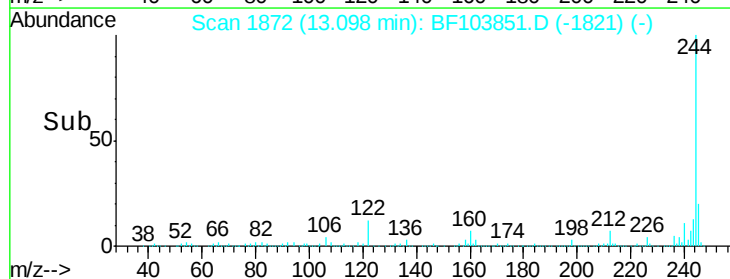
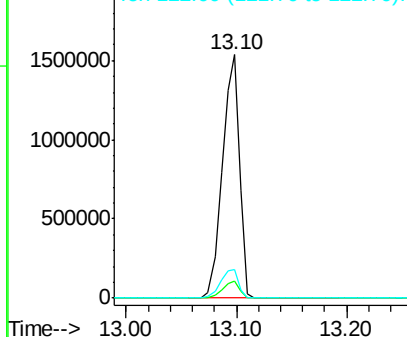
Lab File: BF103851.D

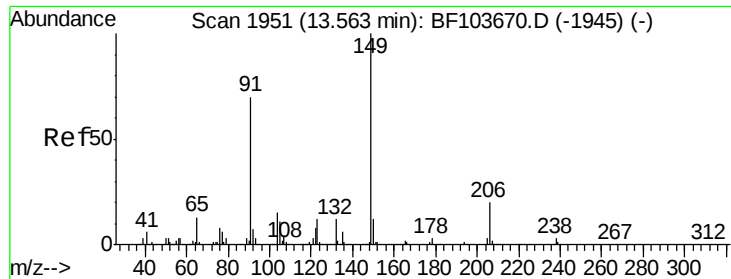
Acq: 22 Mar 2018 15:00

Tgt Ion:	244	Resp:	1644801
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4



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





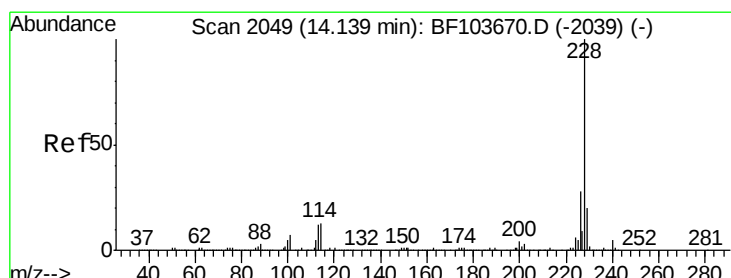
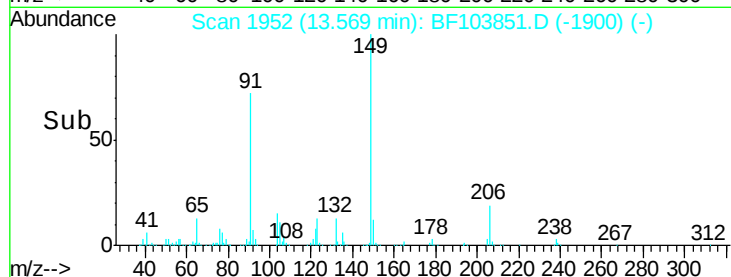
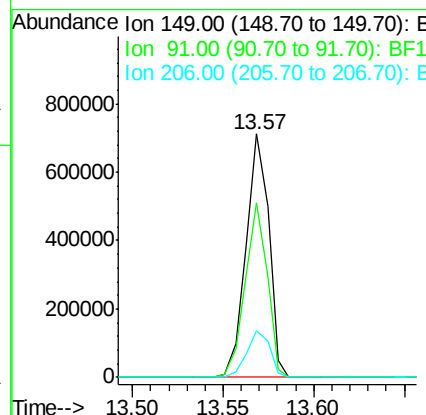
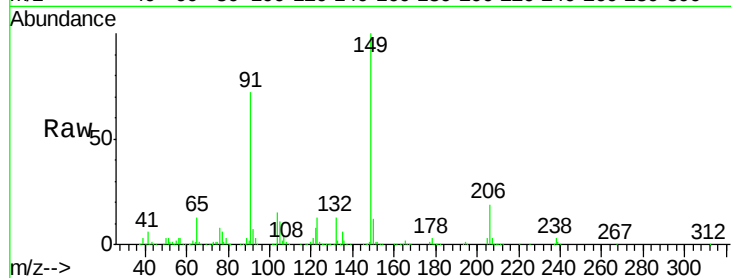
#79
Butylbenzylphthalate
Concen: 47.538 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.8	56.8	85.2
206	19.2	14.1	21.1

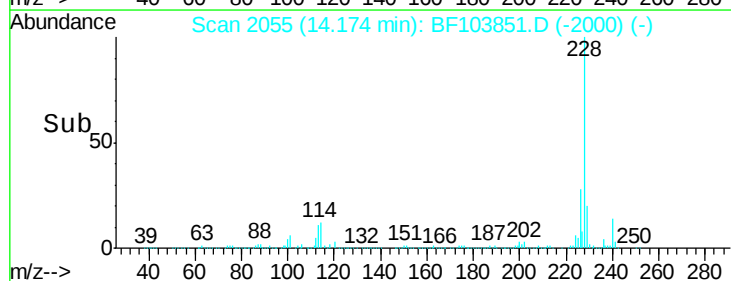
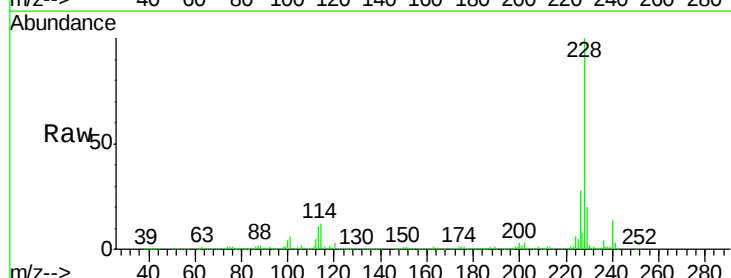
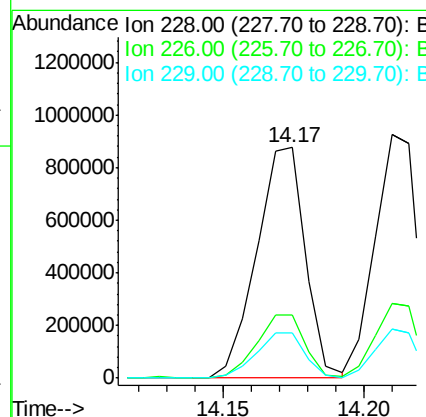
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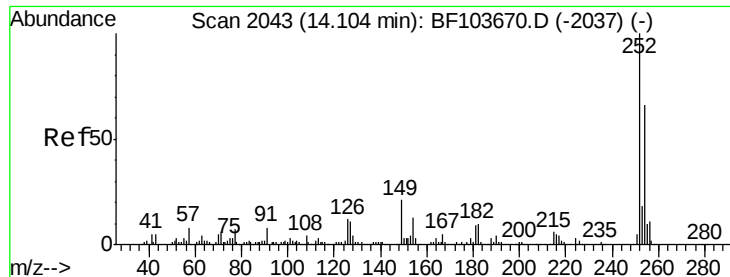
Sohil
3/23/2018 2:46:32 PM



#80
Benzo(a)anthracene
Concen: 41.127 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	22.6	33.8
229	19.7	15.8	23.6





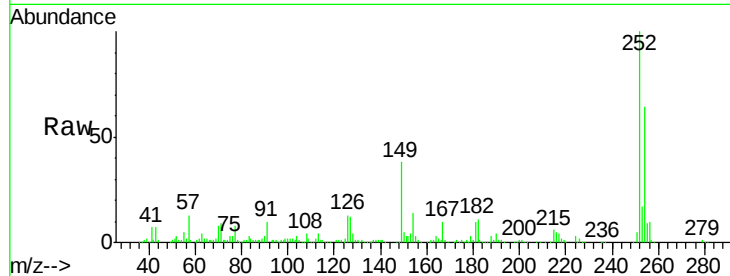
#81
 3,3'-Dichlorobenzidine
 Concen: 27.690 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.02 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

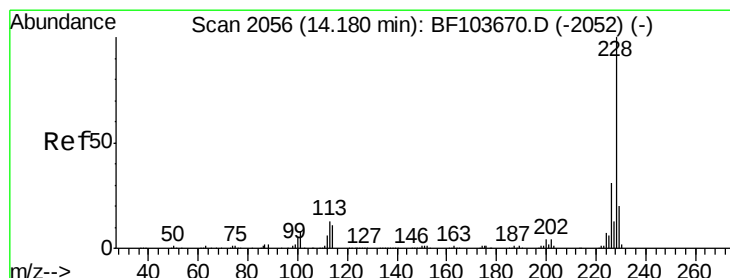
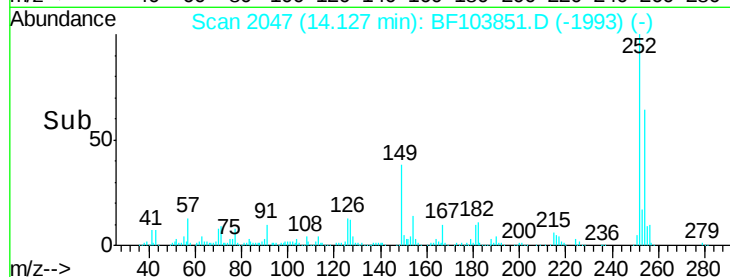
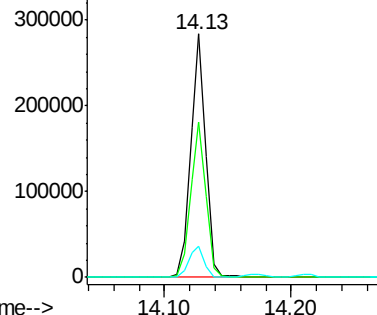
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.0	50.4	75.6
126	13.0	11.3	16.9

Manual Integrations
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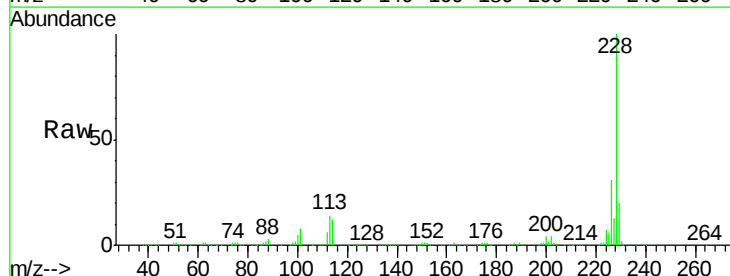


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

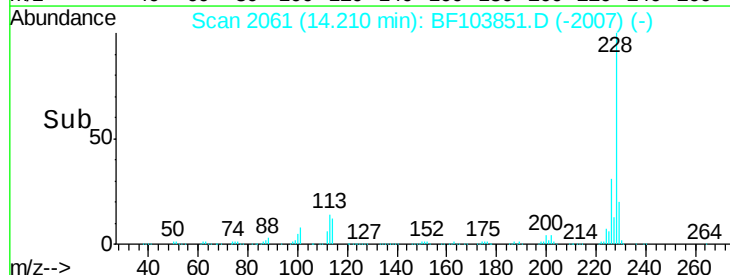
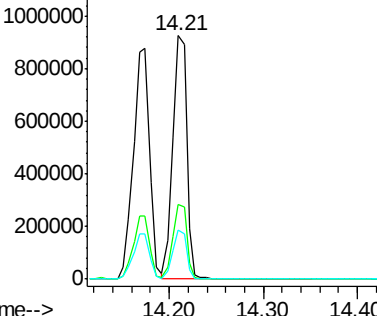


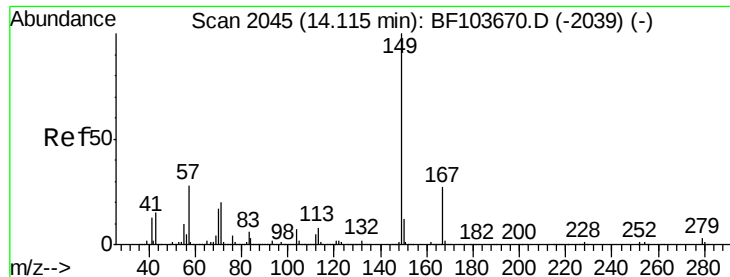
#82
 Chrysene
 Concen: 39.881 ng
 RT: 14.21 min Scan# 2061
 Delta R.T. 0.02 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	25.0	37.6
229	19.9	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: 46.324 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.02 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Instrument :

BNA_F

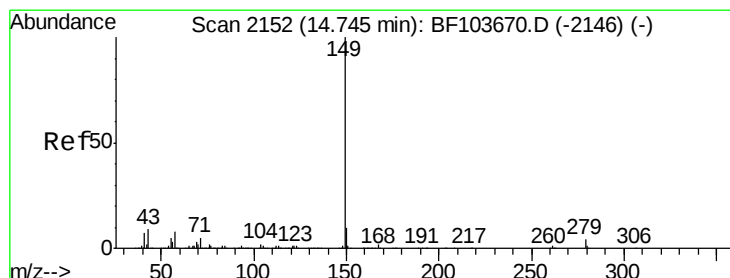
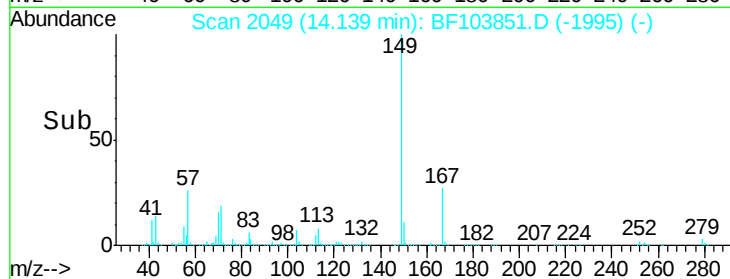
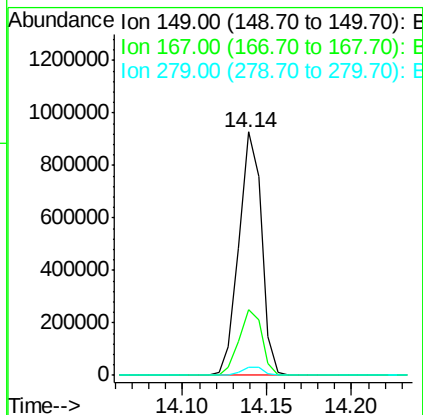
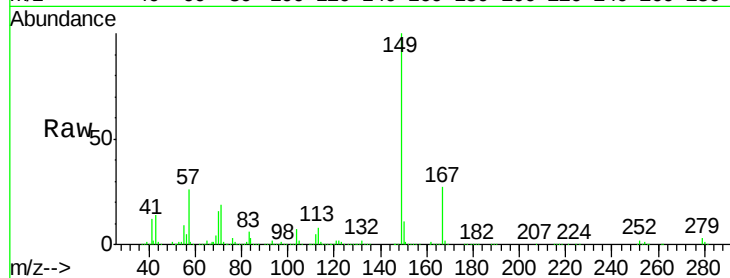
ClientSampleId :

PB107548BS

Tgt Ion:	149	Resp:	867149
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 50.872 ng

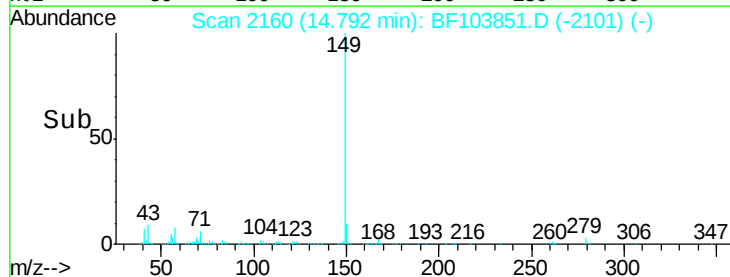
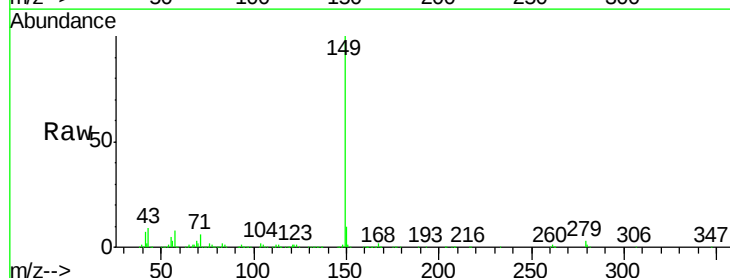
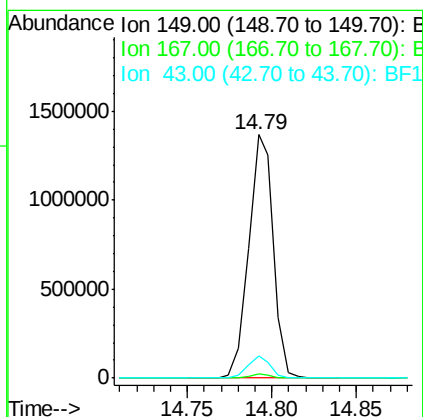
RT: 14.79 min Scan# 2160

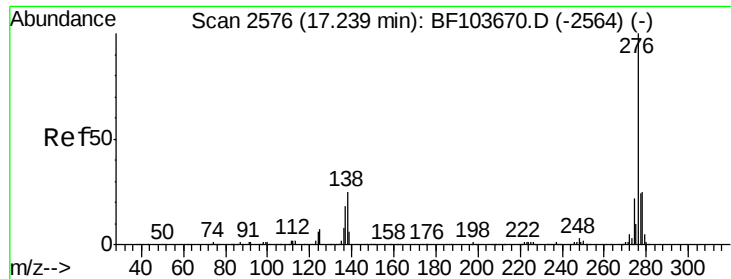
Delta R.T. 0.05 min

Lab File: BF103851.D

Acq: 22 Mar 2018 15:00

Tgt Ion:	149	Resp:	1385401
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.3	8.4	12.6#





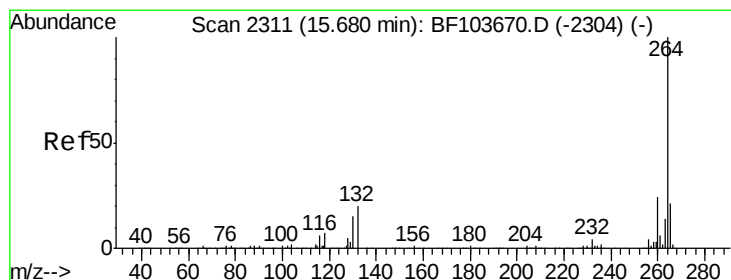
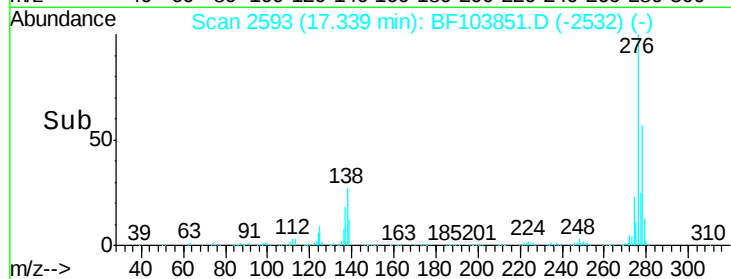
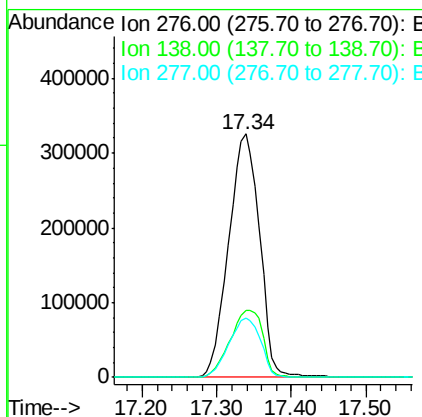
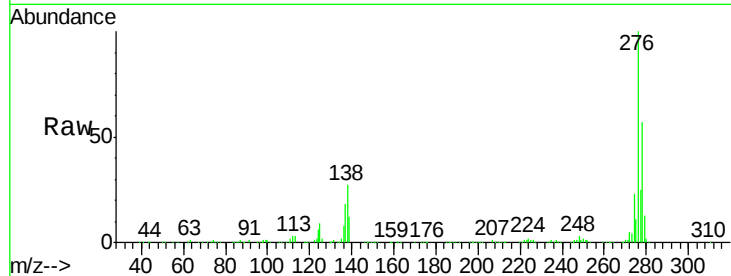
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.212 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. 0.06 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	938230		
138	29.5	25.0	37.6	
277	25.2	20.1	30.1	

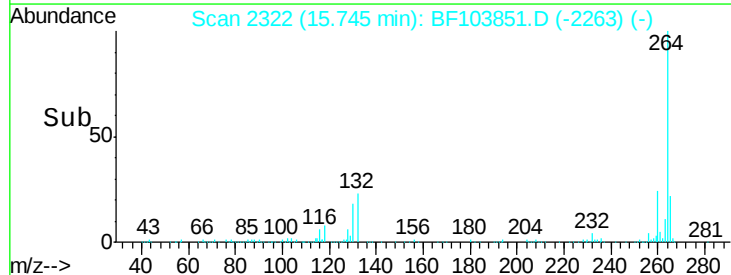
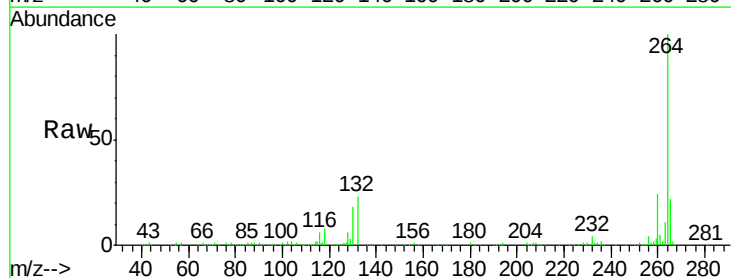
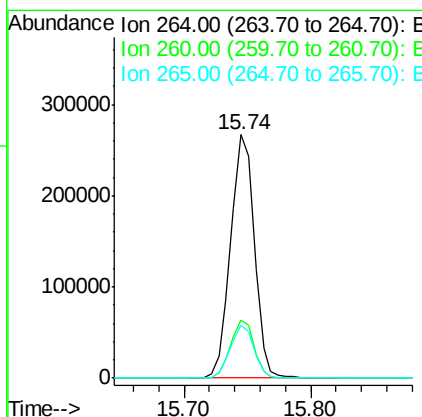
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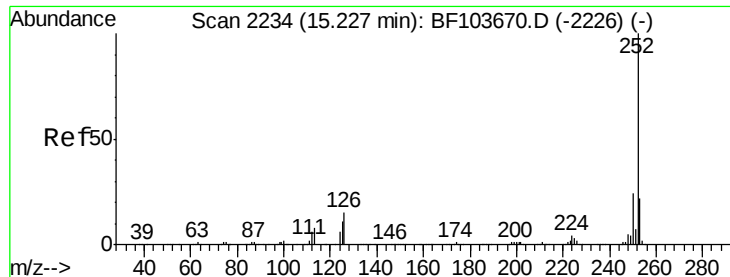
Sohil
 3/23/2018 2:46:32 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2322
 Delta R.T. 0.05 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	345553		
260	23.6	19.2	28.8	
265	21.8	17.5	26.3	





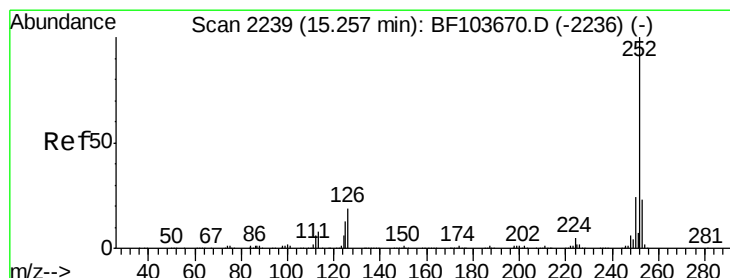
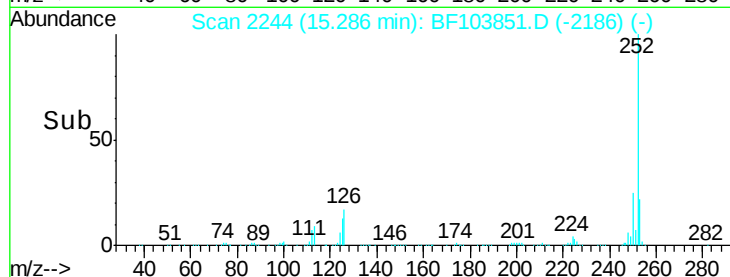
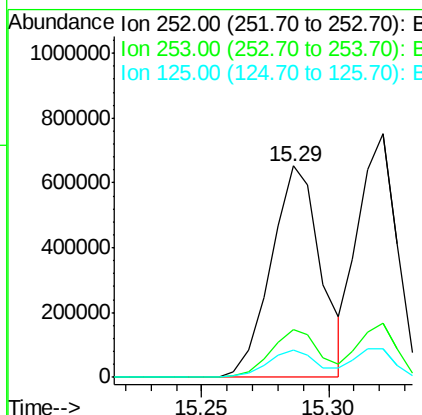
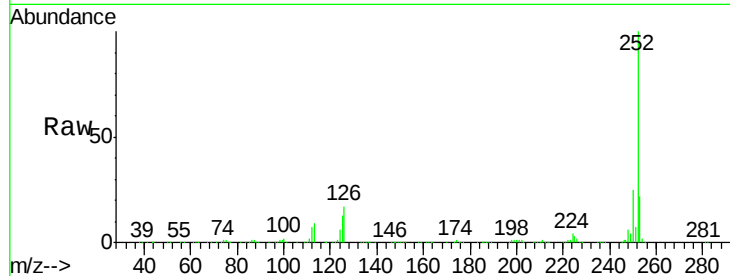
#87
Benzo(b)fluoranthene
Concen: 41.010 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.04 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.0	9.0	13.6

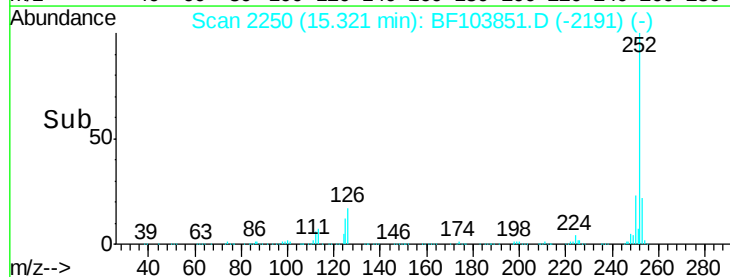
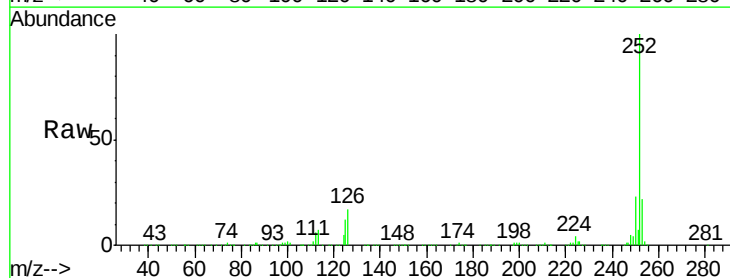
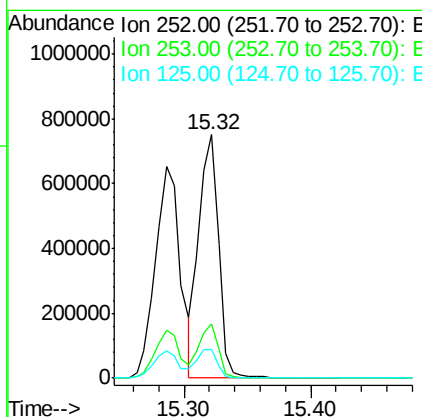
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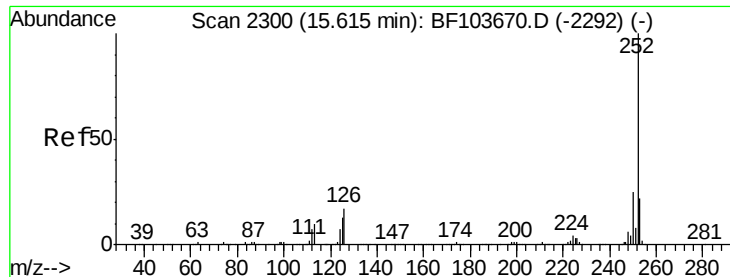
Sohil
3/23/2018 2:46:32 PM



#88
Benzo(k)fluoranthene
Concen: 38.521 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.05 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.8	10.2	15.2





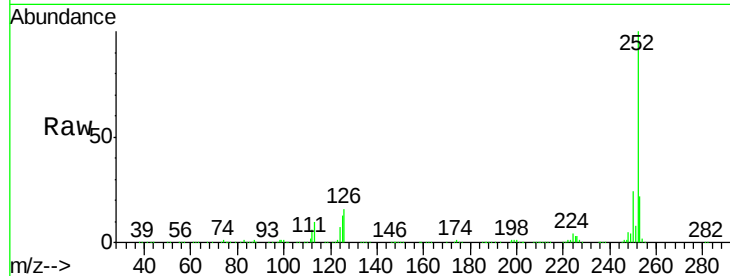
#89
Benzo(a)pyrene
Concen: 41.412 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.05 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

Instrument :
BNA_F
ClientSampleId :
PB107548BS

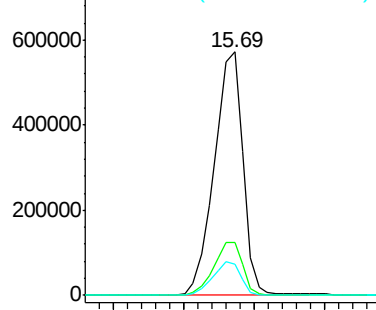
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.9	9.8	14.6

Manual Integrations
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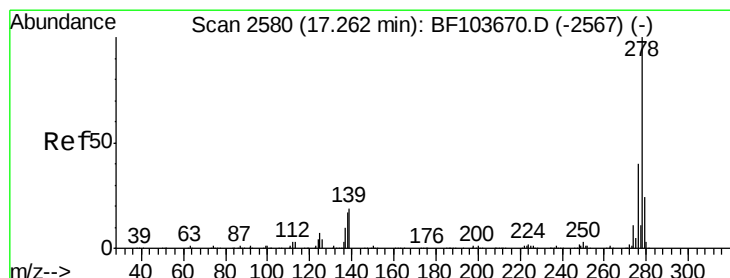
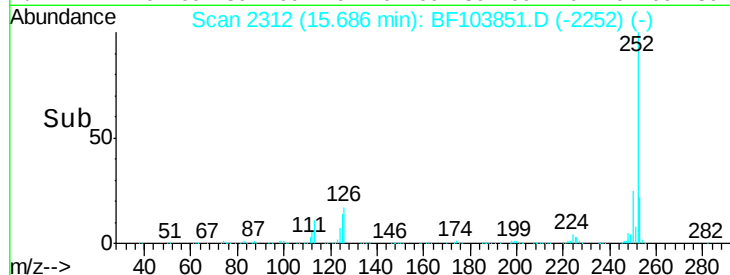
Sohil
3/23/2018 2:46:32 PM



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

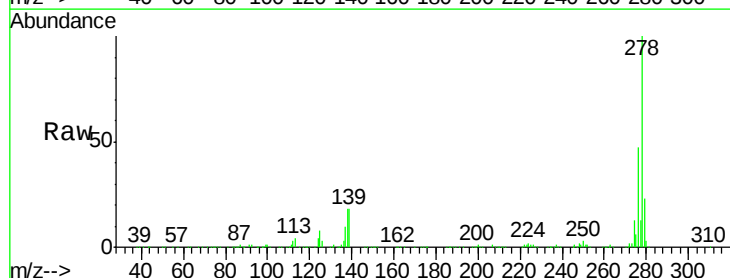


Time-->

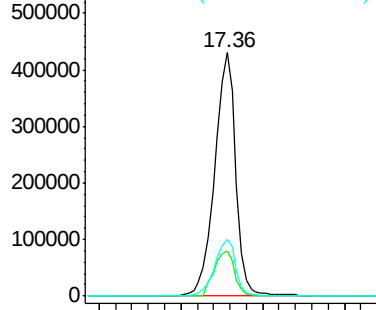


#90
Dibenzo(a,h)anthracene
Concen: 45.104 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.06 min
Lab File: BF103851.D
Acq: 22 Mar 2018 15:00

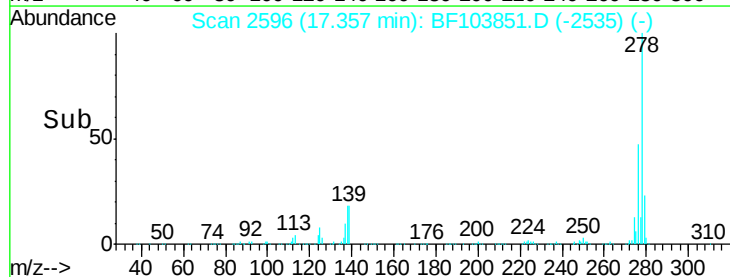
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.9	23.9
279	23.3	19.0	28.4

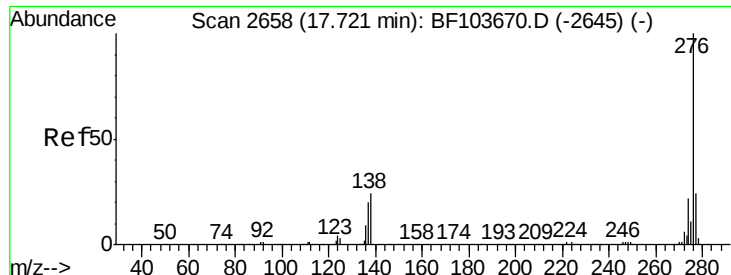


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(g,h,i)perylene
 Concen: 46.754 ng
 RT: 17.82 min Scan# 2675
 Delta R.T. 0.06 min
 Lab File: BF103851.D
 Acq: 22 Mar 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB107548BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.4	17.9	26.9
138	26.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/23/2018 2:46:32 PM

