

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103047.D
 Acq On : 16 Feb 2018 12:58
 Operator : SJ/JU
 Sample : PB106606BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Manual Integrations
 APPROVED

Sohil
 2/19/2018 11:09:23 AM

Quant Time: Feb 16 14:48:32 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179433	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	755393	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	331269	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	519556	20.00	ng	0.00
75) Chrysene-d12	14.05	240	328546	20.00	ng	0.00
86) Perylene-d12	15.54	264	317274	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1125908	95.29	ng	0.02
7) Phenol-d6	6.52	99	1358280	95.48	ng	0.00
23) Nitrobenzene-d5	7.45	82	863756	79.32	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	255975	96.00	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1354651	67.86	ng	0.00
78) Terphenyl-d14	12.99	244	1039309	74.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	189131	32.409	ng	89
3) Pyridine	3.52	79	515564	31.976	ng	91
4) n-Nitrosodimethylamine	3.47	42	248426	36.012	ng	98
6) Aniline	6.54	93	413534	19.684	ng	96
8) 2-Chlorophenol	6.66	128	437197	35.942	ng	93
9) Benzaldehyde	6.43	77	90779	8.593	ng	99
10) Phenol	6.53	94	552695	36.252	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	432680	34.106	ng	90
12) 1,3-Dichlorobenzene	6.82	146	457009	32.444	ng	99
13) 1,4-Dichlorobenzene	6.89	146	464931	33.135	ng	99
14) 1,2-Dichlorobenzene	7.05	146	427323	32.697	ng	97
15) Benzyl Alcohol	7.02	79	381720	34.900	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	753602	31.270	ng	100
17) 2-Methylphenol	7.13	107	375332	33.452	ng	98
18) Hexachloroethane	7.39	117	163573	33.996	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	289860	30.903	ng	95
20) 3+4-Methylphenols	7.28	107	427138	30.871	ng	# 76
22) Acetophenone	7.29	105	579872	31.370	ng	# 91
24) Nitrobenzene	7.46	77	471264	36.779	ng	98
25) Isophorone	7.70	82	864897	34.494	ng	99
26) 2-Nitrophenol	7.77	139	233693	45.058	ng	95
27) 2,4-Dimethylphenol	7.81	122	382313	36.090	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	540422	36.383	ng	98
29) 2,4-Dichlorophenol	8.02	162	351028	36.451	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	356591	32.732	ng	98
31) Naphthalene	8.19	128	1208908	32.756	ng	100
32) Benzoic acid	7.92	122	115955	22.660	ng	98
33) 4-Chloroaniline	8.23	127	241654	15.199	ng	98
34) Hexachlorobutadiene	8.29	225	178171	31.916	ng	97
35) Caprolactam	8.60	113	121594m	36.358	ng	
36) 4-Chloro-3-methylphenol	8.72	107	384822	35.566	ng	98
37) 2-Methylnaphthalene	8.87	142	791049	32.737	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	306853	34.020	ng	98
40) Hexachlorocyclopentadiene	9.02	237	121602	28.360	ng	100

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
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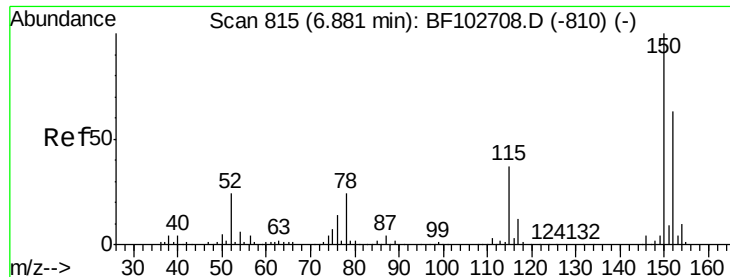
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 2/19/2018 11:09:23 AM

Quant Time: Feb 16 14:48:32 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	215226	36.328	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	230479	34.516	ng	97
45) 1,1'-Biphenyl	9.34	154	901985	32.327	ng	99
46) 2-Chloronaphthalene	9.36	162	713036	32.460	ng	100
47) 2-Nitroaniline	9.46	65	270031	40.428	ng	95
48) Acenaphthylene	9.78	152	1063692	31.177	ng	100
49) Dimethylphthalate	9.63	163	854259	33.073	ng	100
50) 2,6-Dinitrotoluene	9.70	165	185025	37.651	ng	90
51) Acenaphthene	9.95	154	614814	30.133	ng	99
52) 3-Nitroaniline	9.87	138	153565	25.397	ng	# 98
53) 2,4-Dinitrophenol	9.98	184	26494	30.854	ng	# 23
54) Dibenzofuran	10.12	168	942788	32.788	ng	97
55) 4-Nitrophenol	10.04	139	297516	60.887	ng	93
56) 2,4-Dinitrotoluene	10.11	165	242373	37.495	ng	92
57) Fluorene	10.47	166	699900	33.455	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	161034	34.795	ng	99
59) Diethylphthalate	10.33	149	823810	32.301	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	320852	34.669	ng	96
61) 4-Nitroaniline	10.49	138	188931	32.826	ng	92
62) Azobenzene	10.62	77	806320	31.646	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	27995	20.338	ng	92
65) n-Nitrosodiphenylamine	10.57	169	642993	35.086	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	195495	35.571	ng	93
67) Hexachlorobenzene	11.02	284	195148	32.186	ng	96
68) Atrazine	11.10	200	195010	36.070	ng	98
69) Pentachlorophenol	11.21	266	169104	47.513	ng	98
70) Phenanthrene	11.43	178	935038	32.314	ng	98
71) Anthracene	11.49	178	957840	32.546	ng	99
72) Carbazole	11.64	167	905233	31.396	ng	100
73) Di-n-butylphthalate	11.96	149	1216710	34.739	ng	99
74) Fluoranthene	12.62	202	851975	29.265	ng	98
76) Benzidine	12.74	184	496923	32.909	ng	99
77) Pyrene	12.85	202	858457	33.321	ng	99
79) Butylbenzylphthalate	13.46	149	450552	36.805	ng	98
80) Benzo(a)anthracene	14.04	228	696147	33.691	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	258921	33.797	ng	100
82) Chrysene	14.08	228	673652	32.342	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	623886	39.531	ng	100
84) Di-n-octyl phthalate	14.63	149	1024957	43.252	ng	100
85) Indeno(1,2,3-cd)pyrene	17.05	276	617525	35.747	ng	98
87) Benzo(b)fluoranthene	15.10	252	686710	33.384	ng	98
88) Benzo(k)fluoranthene	15.13	252	628994	32.003	ng	99
89) Benzo(a)pyrene	15.47	252	630371	34.045	ng	# 96
90) Dibenzo(a,h)anthracene	17.06	278	514283	34.221	ng	98
91) Benzo(g,h,i)perylene	17.50	276	506994	34.467	ng	100

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



#1

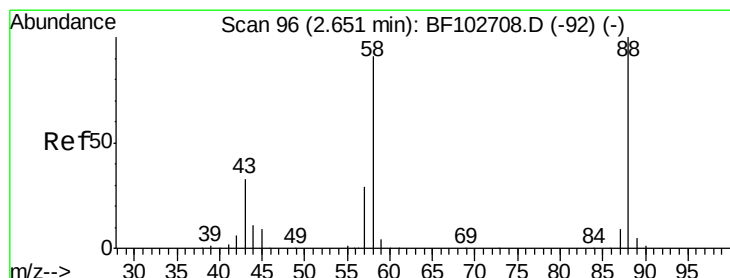
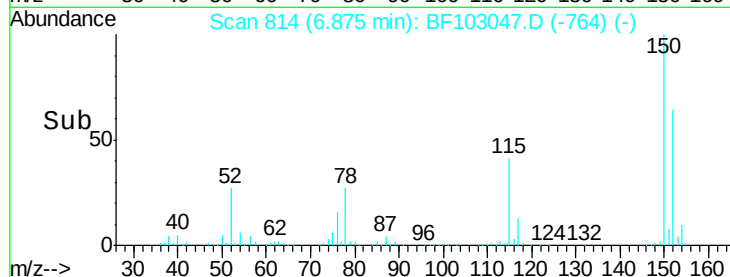
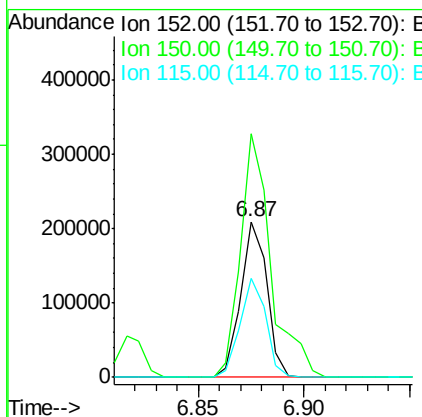
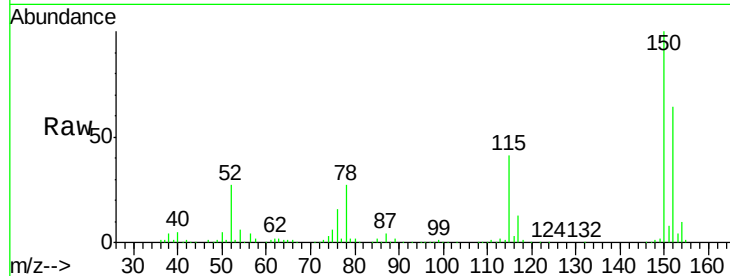
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	63.8	50.1	75.1

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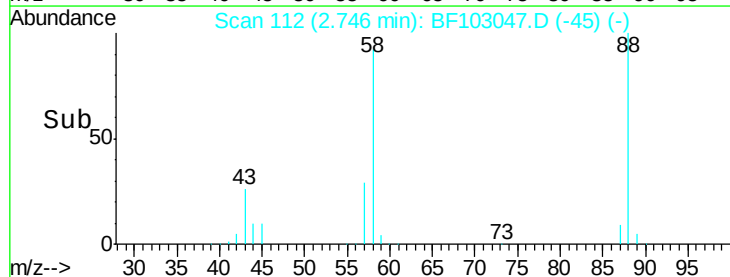
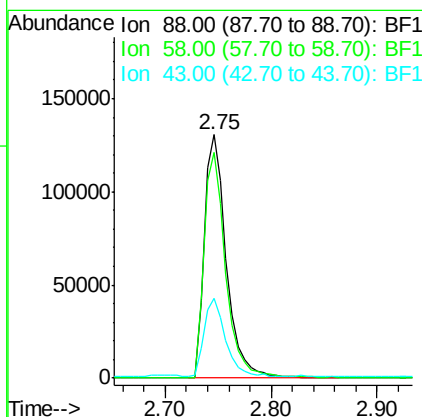
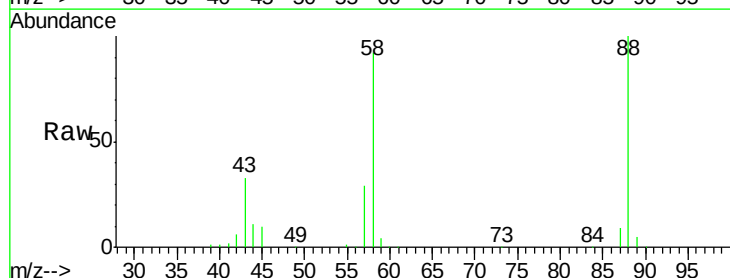
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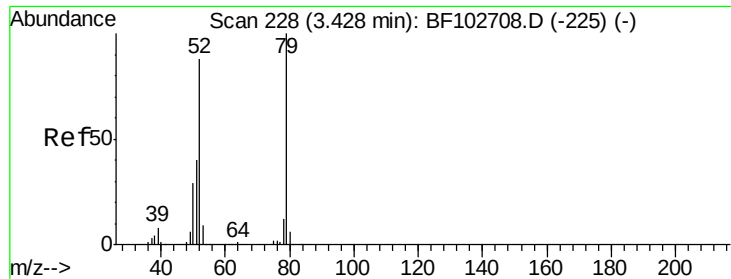


#2

1,4-Dioxane
Concen: 32.409 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.09 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.4	62.6	93.8
43	31.4	24.6	37.0





#3

Pyridine

Concen: 31.976 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

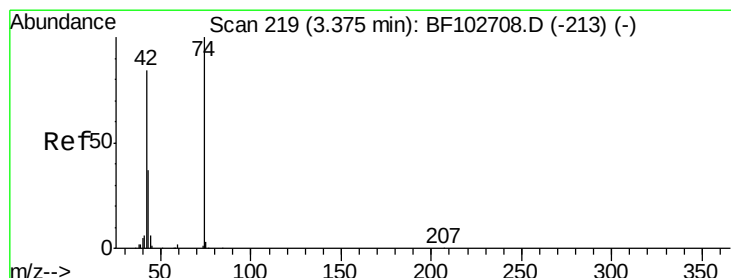
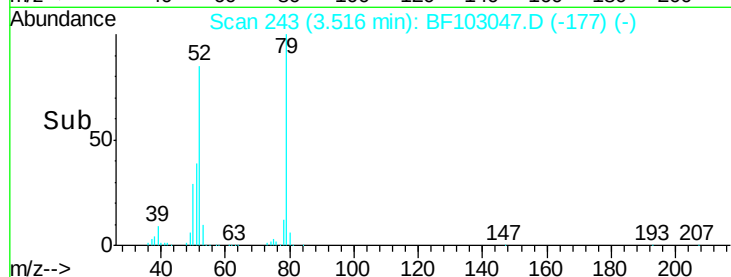
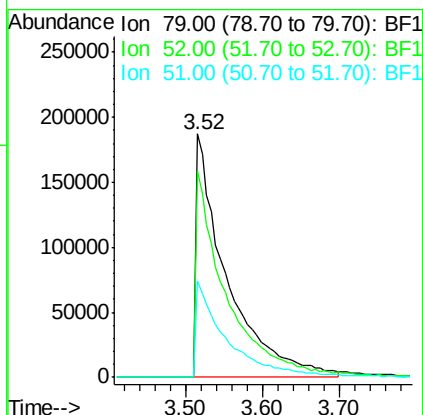
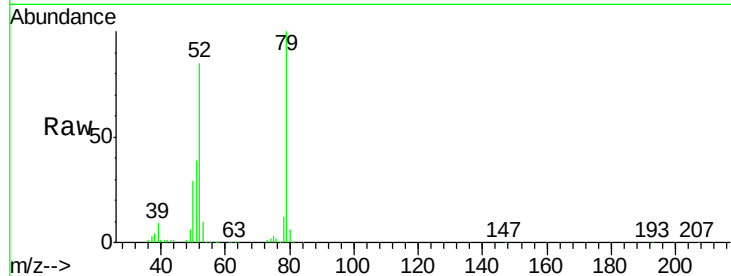
ClientSampleId :

PB106606BS

Tgt Ion:	79	Resp:	515564
Ion	Ratio	Lower	Upper
79	100		
52	85.1	59.8	89.6
51	39.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 36.012 ng

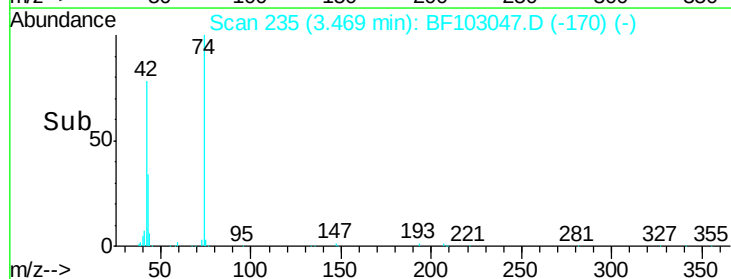
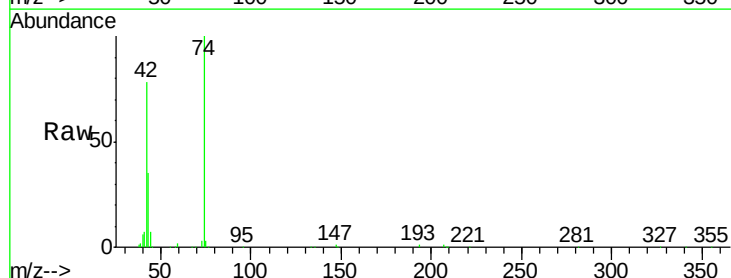
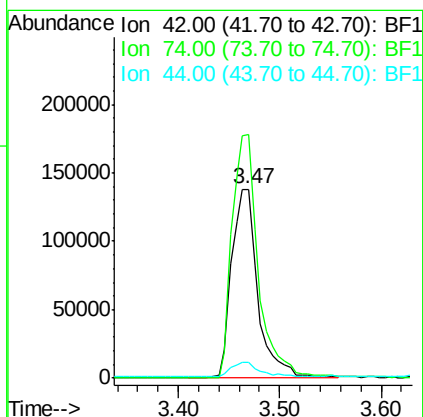
RT: 3.47 min Scan# 235

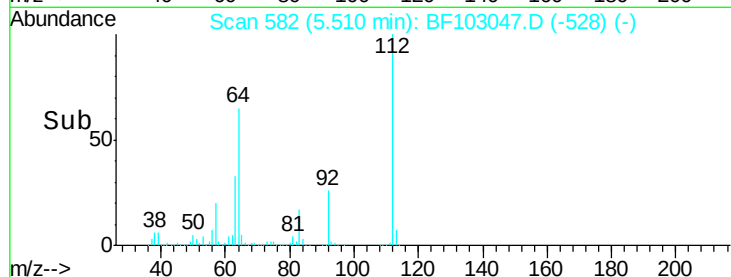
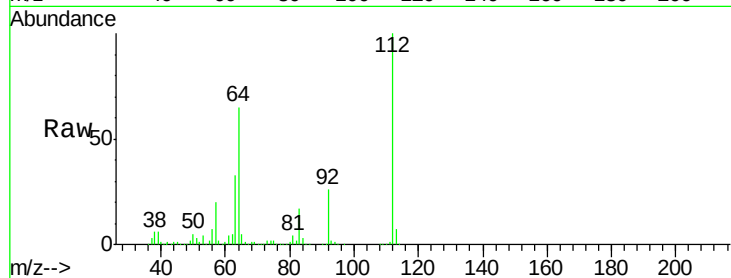
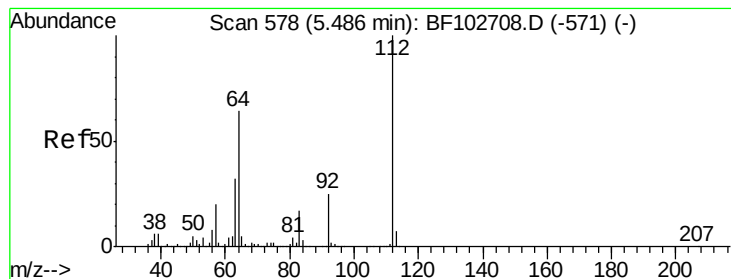
Delta R.T. 0.08 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	42	Resp:	248426
Ion	Ratio	Lower	Upper
42	100		
74	128.7	104.9	157.3
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 95.293 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	112	Resp:	1125908
Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	32.7	23.7	35.5

Instrument :

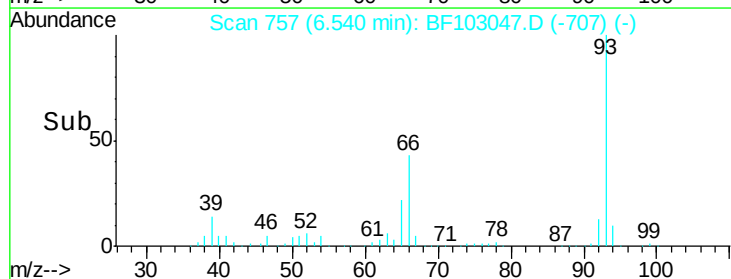
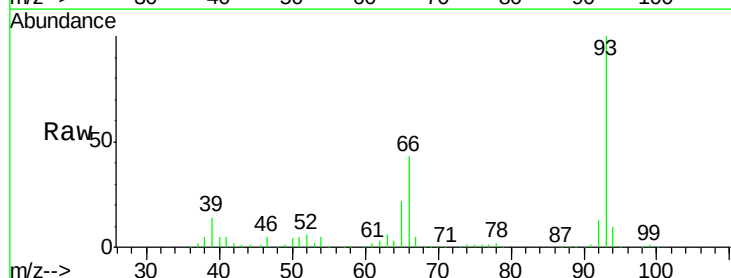
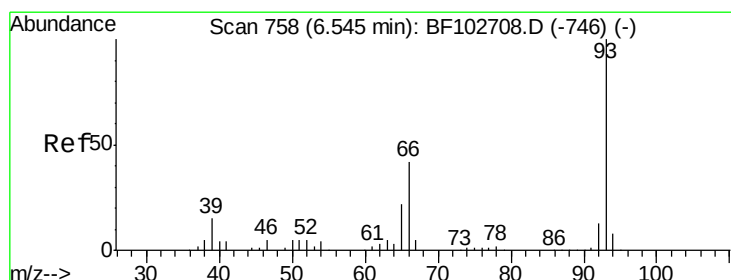
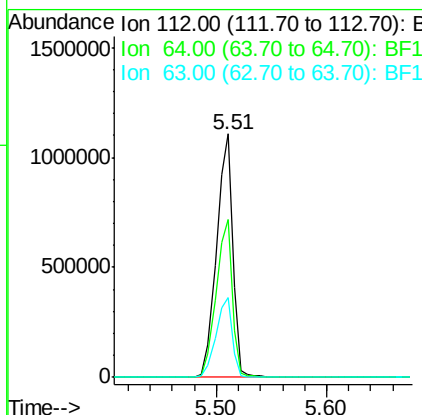
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ClientSampleId :

PB106606BS

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#6

Aniline

Concen: 19.684 ng

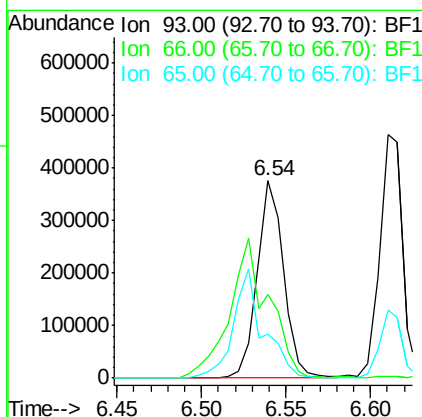
RT: 6.54 min Scan# 757

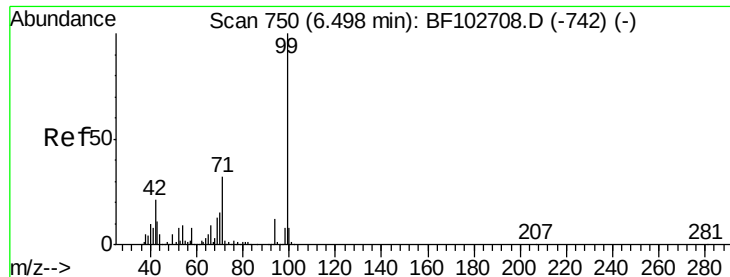
Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	93	Resp:	413534
Ion	Ratio	Lower	Upper
93	100		
66	42.6	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 95.477 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampled :

PB106606BS

Tgt Ion: 99 Resp: 1358280

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

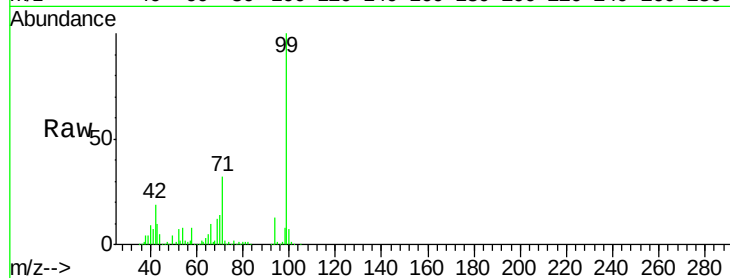
71 31.6 25.4 38.0

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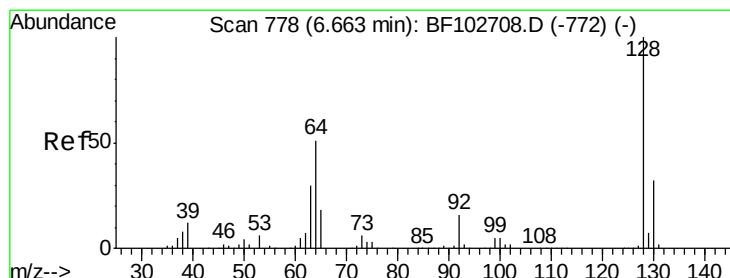
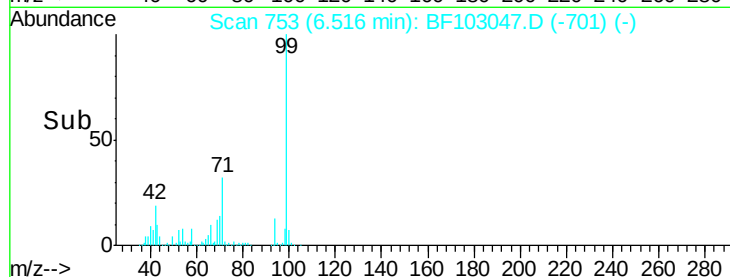
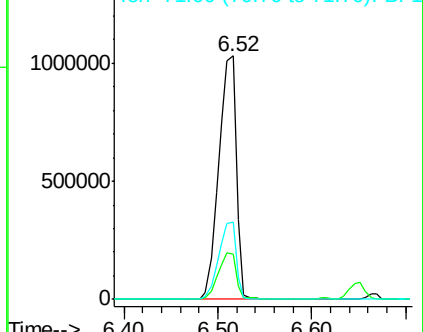
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.942 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

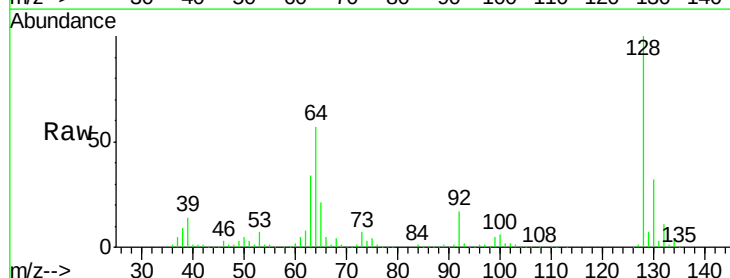
Tgt Ion: 128 Resp: 437197

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

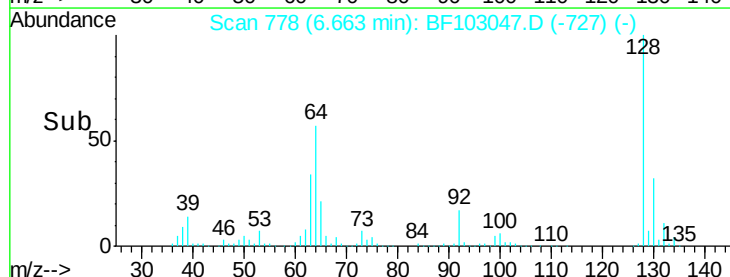
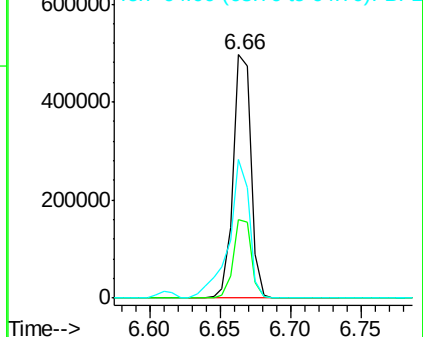
64 57.0 29.4 69.4

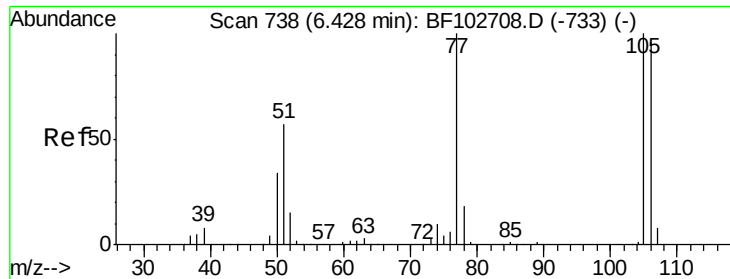


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.593 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

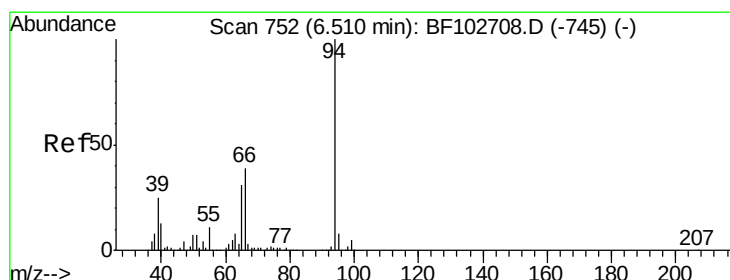
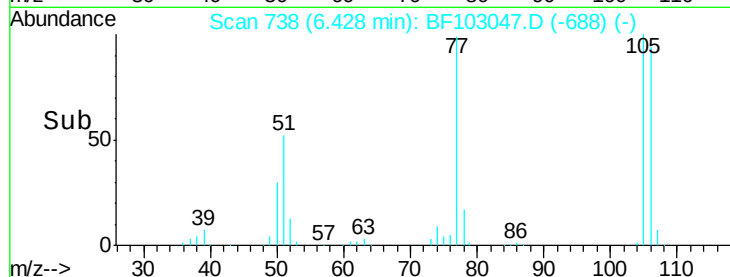
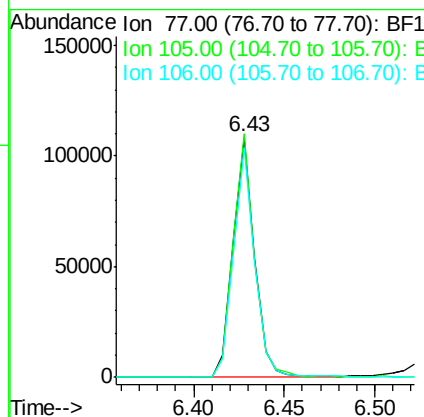
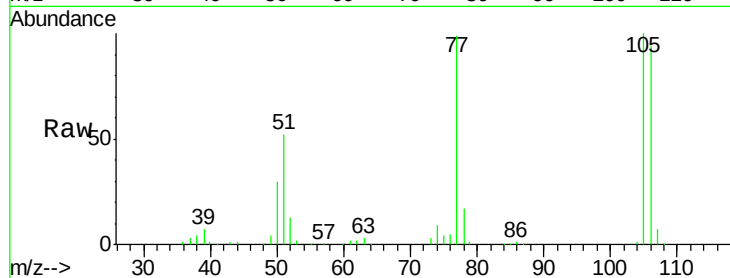
ClientSampleId :

PB106606BS

Tgt Ion:	77	Resp:	90779
Ion	Ratio	Lower	Upper
77	100		
105	101.3	81.1	121.1
106	95.3	74.5	114.5

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#10

Phenol

Concen: 36.252 ng

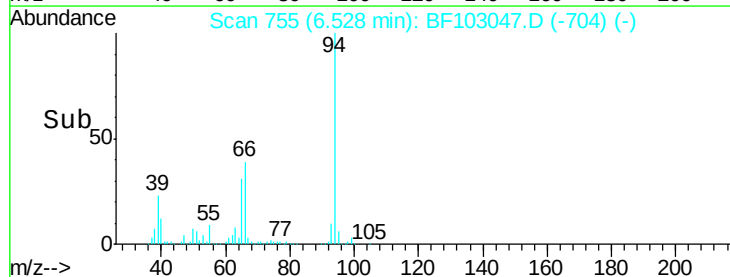
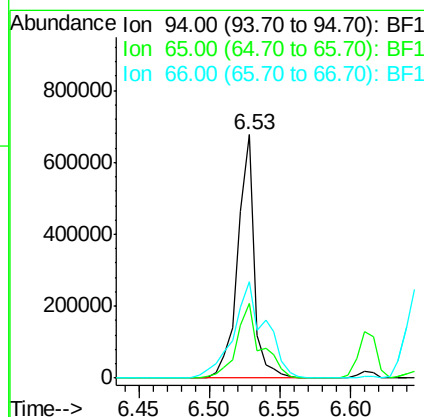
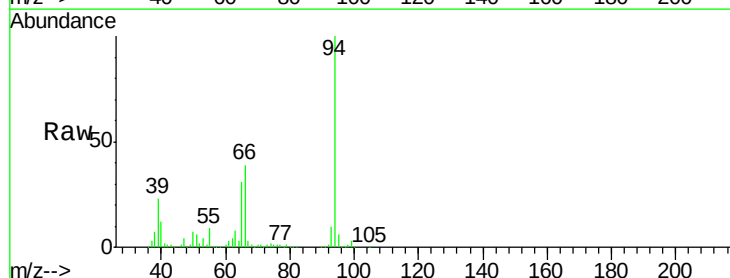
RT: 6.53 min Scan# 755

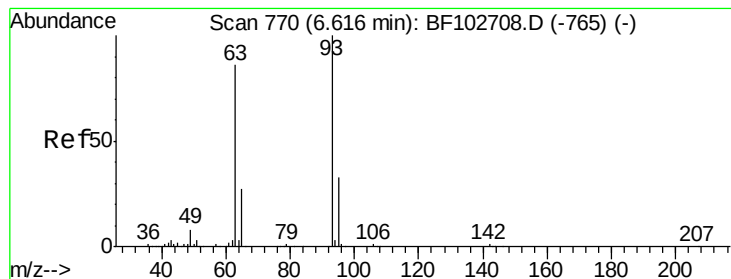
Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	94	Resp:	552695
Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	39.5	16.2	56.2





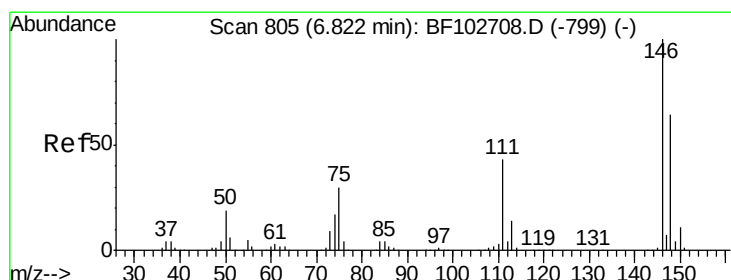
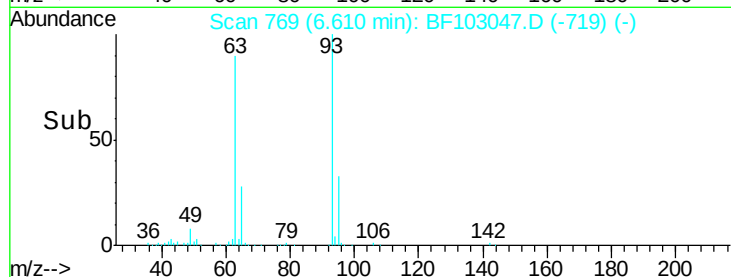
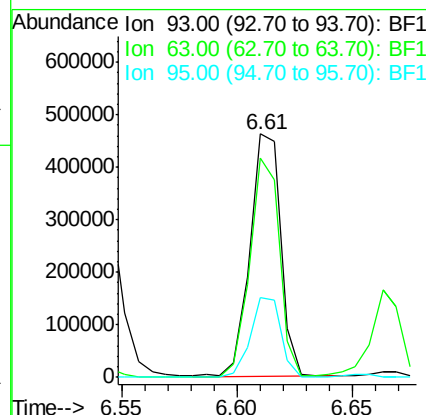
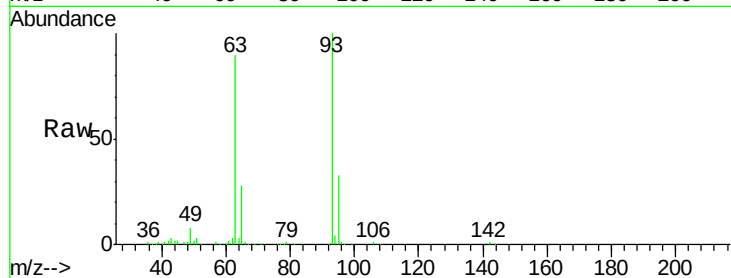
#11
bis(2-Chloroethyl)ether
Concen: 34.106 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.8	58.6	98.6
95	32.6	11.8	51.8

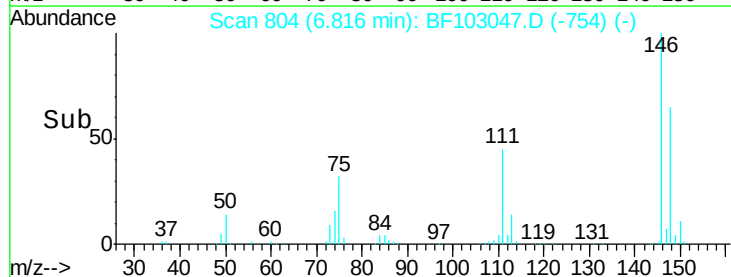
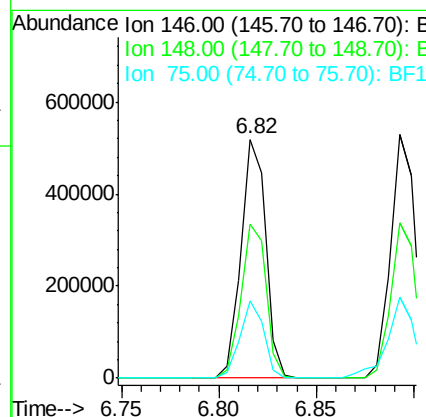
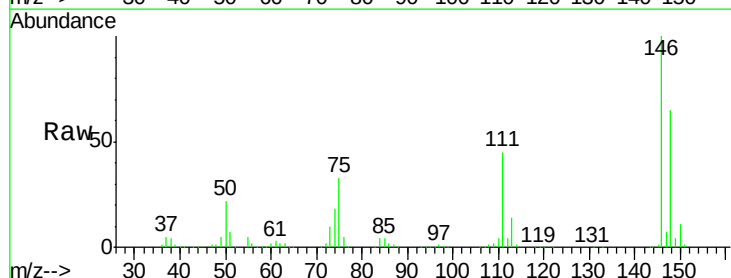
Manual Integrations
APPROVED

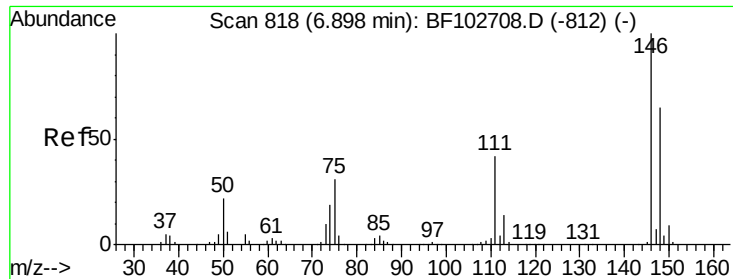
Sohil
2/19/2018 11:09:23 AM



#12
1,3-Dichlorobenzene
Concen: 32.444 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	32.6	24.2	36.4





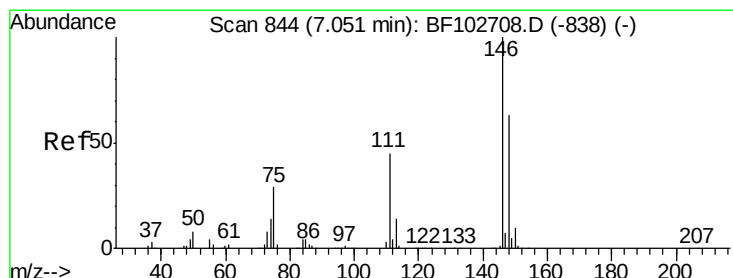
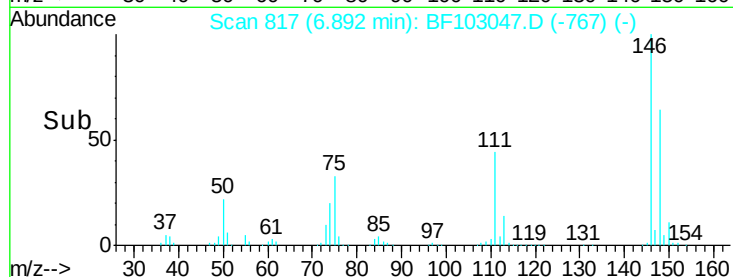
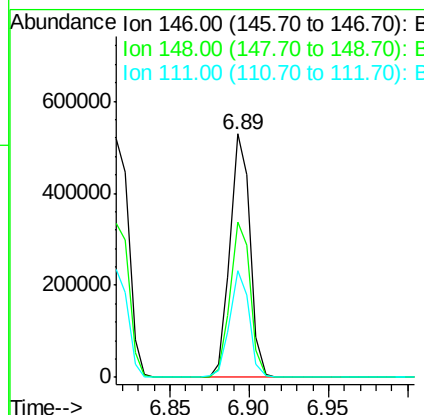
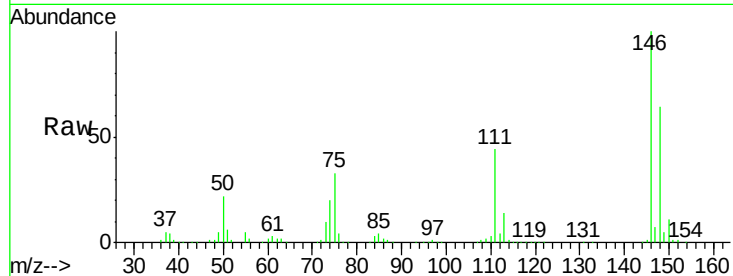
#13
1,4-Dichlorobenzene
Concen: 33.135 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	464931		
148	63.7	50.8	76.2	
111	43.6	34.2	51.2	

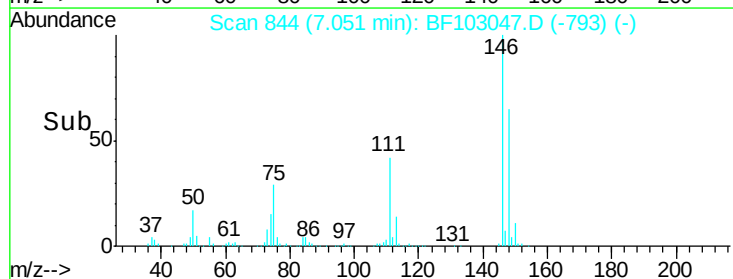
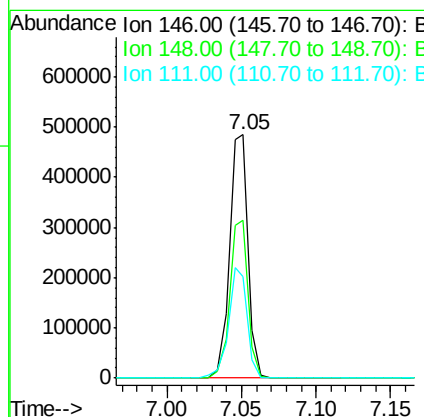
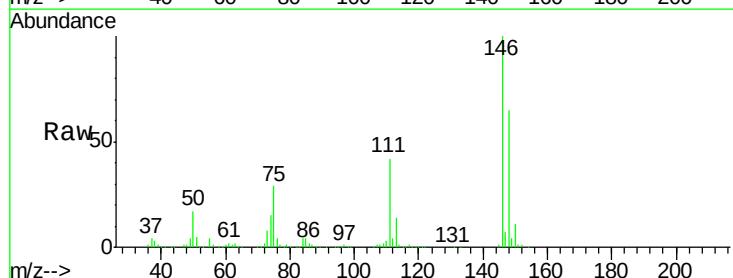
Manual Integrations
APPROVED

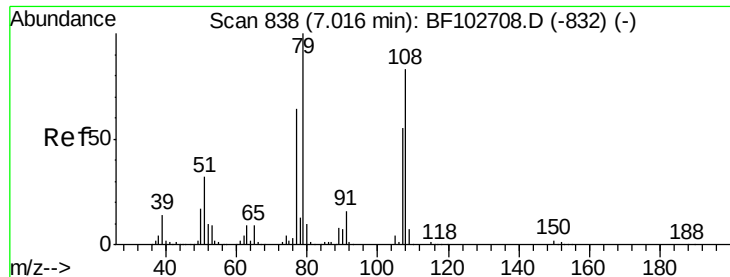
Sohil
2/19/2018 11:09:23 AM



#14
1,2-Dichlorobenzene
Concen: 32.697 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	427323		
148	64.8	50.6	75.8	
111	41.8	36.0	54.0	





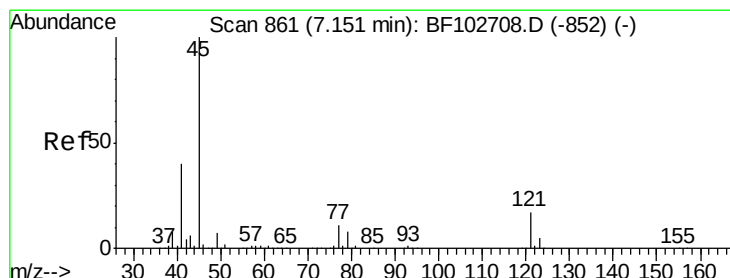
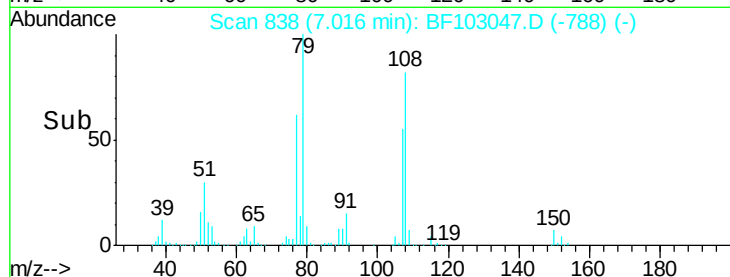
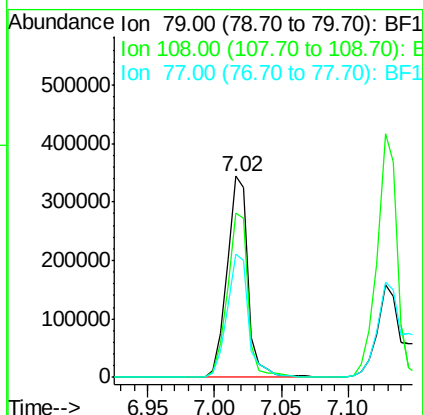
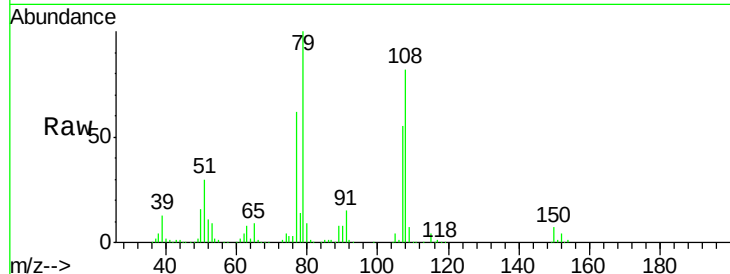
#15
Benzyl Alcohol
Concen: 34.900 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	381720		
108	81.5	65.1	97.7	
77	61.5	50.6	75.8	

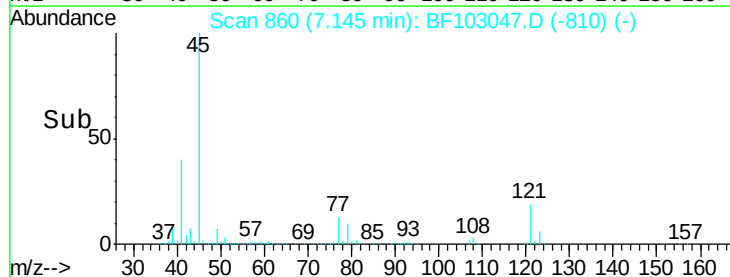
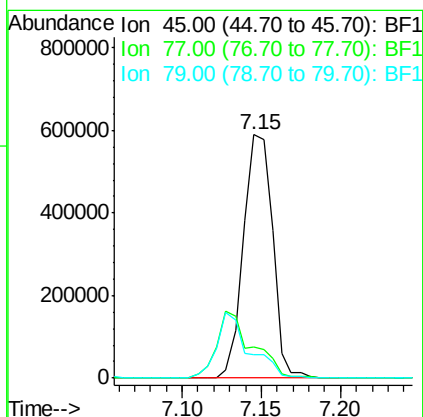
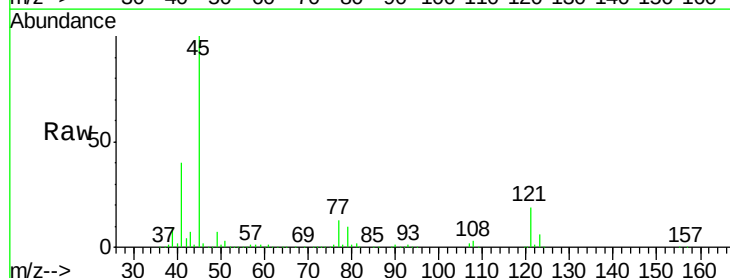
Manual Integrations
APPROVED

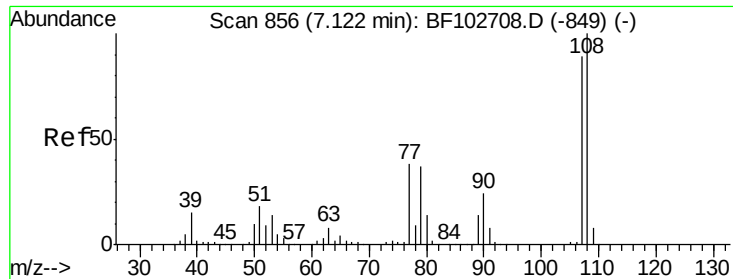
Sohil
2/19/2018 11:09:23 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.270 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	753602		
77	12.7	0.0	32.9	
79	9.6	0.0	29.6	





#17

2-Methylphenol

Concen: 33.452 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

PB106606BS

Tgt Ion:107 Resp: 375332

Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 44.0 33.8 50.8

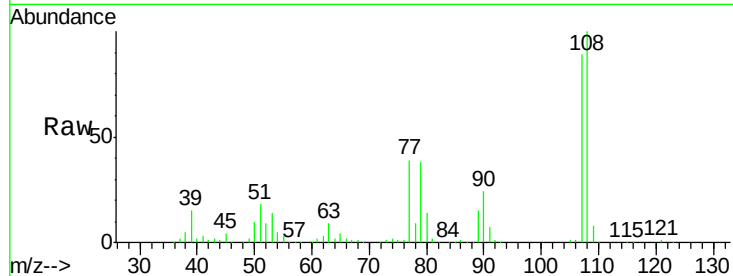
79 42.9 33.8 50.8

Manual Integrations

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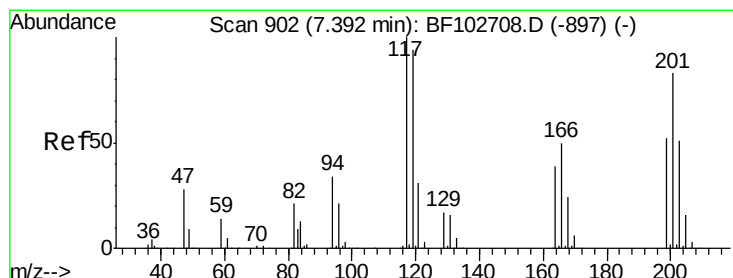
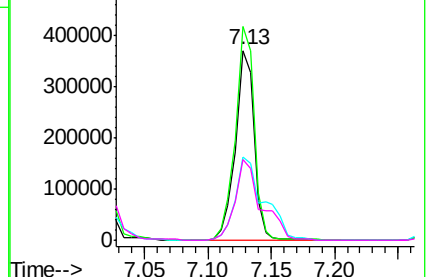
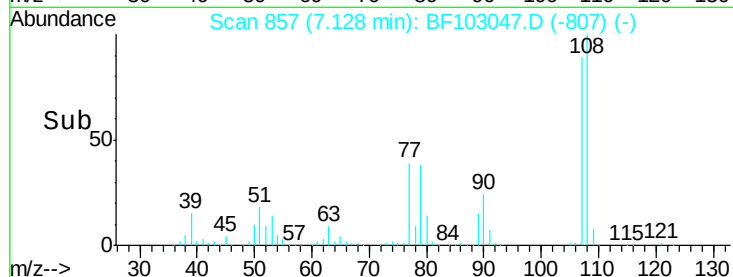


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.996 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

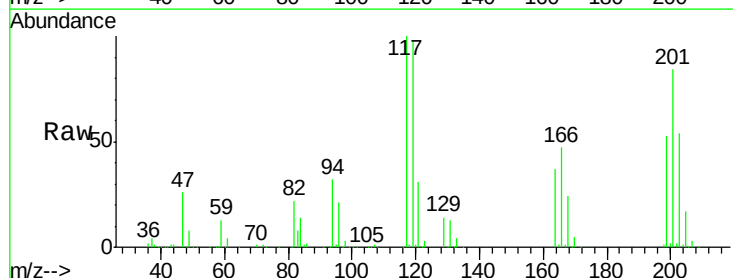
Tgt Ion:117 Resp: 163573

Ion Ratio Lower Upper

117 100

119 97.7 75.8 113.8

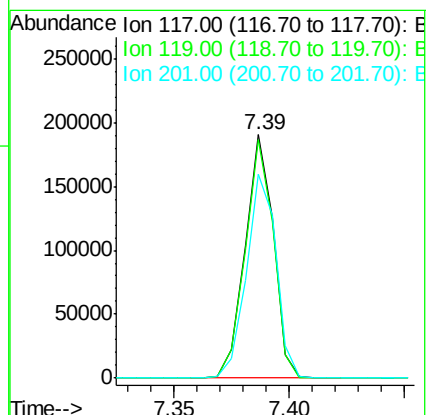
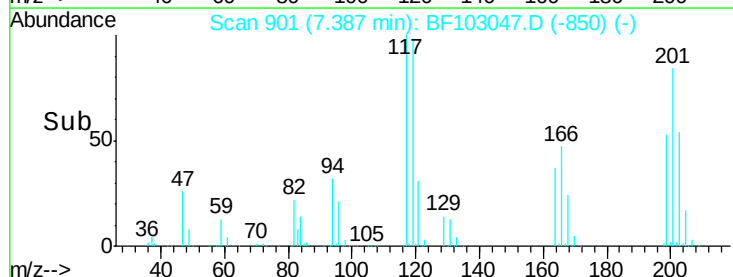
201 84.0 75.7 113.5

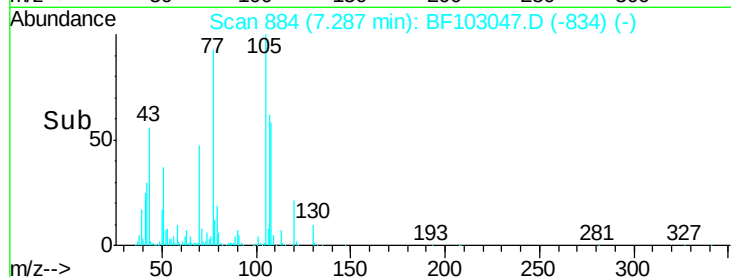
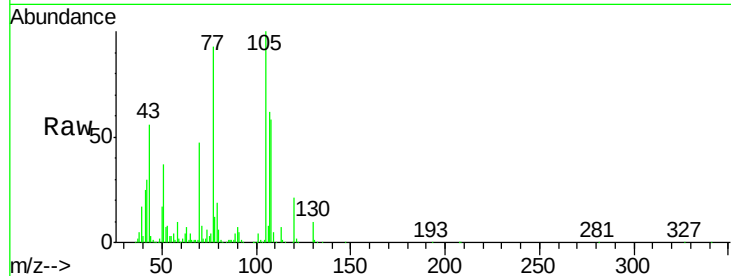
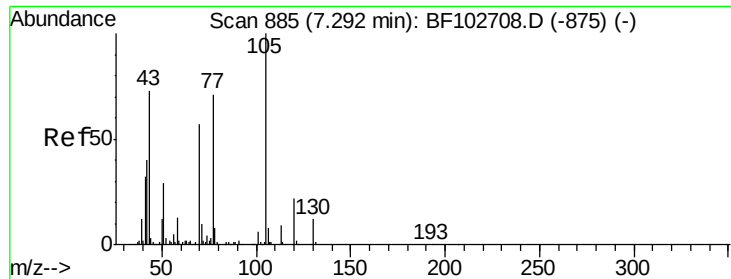


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





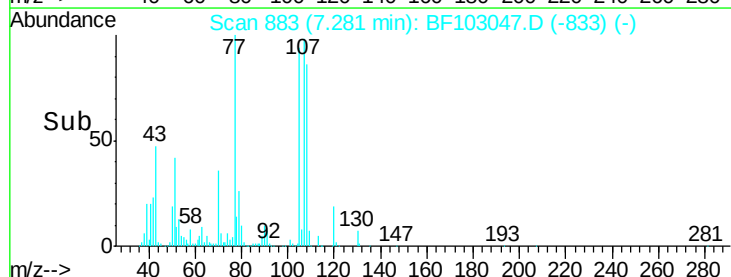
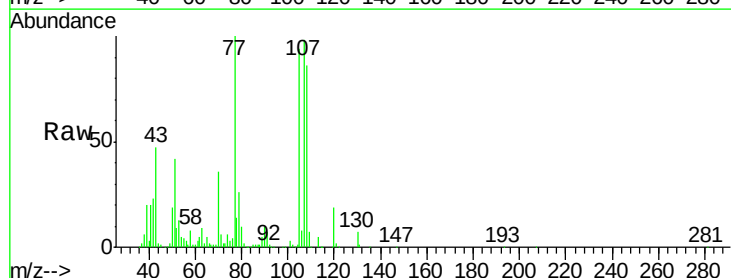
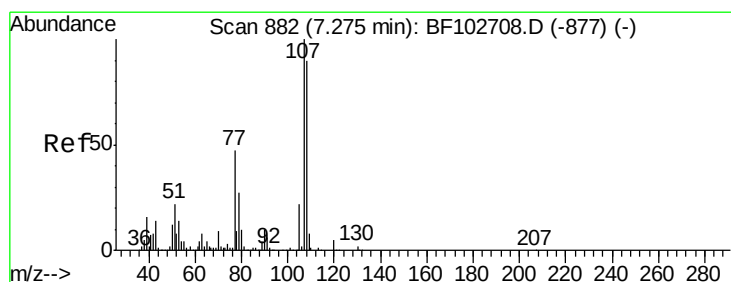
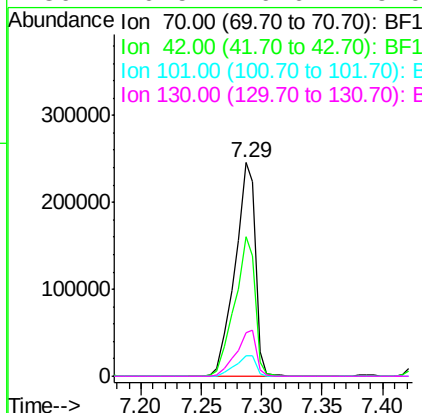
#19
n-Nitroso-di-n-propylamine
Concen: 30.903 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	289860		
42	65.1	47.5	71.3	
101	9.3	7.4	11.2	
130	20.5	16.6	25.0	

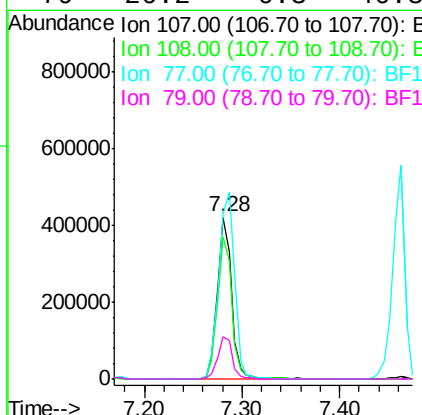
Manual Integrations
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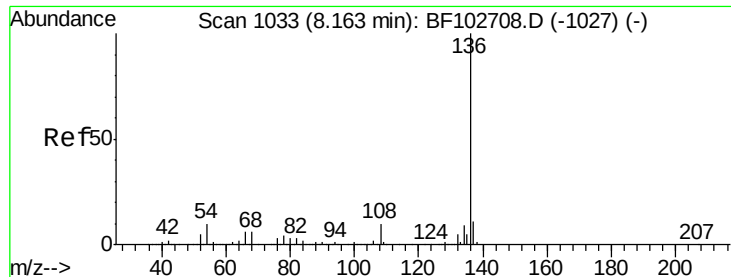
Sohil
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#20
3+4-Methylphenols
Concen: 30.871 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	427138		
108	87.8	68.2	108.2	
77	102.2	26.7	66.7#	
79	26.2	6.3	46.3	





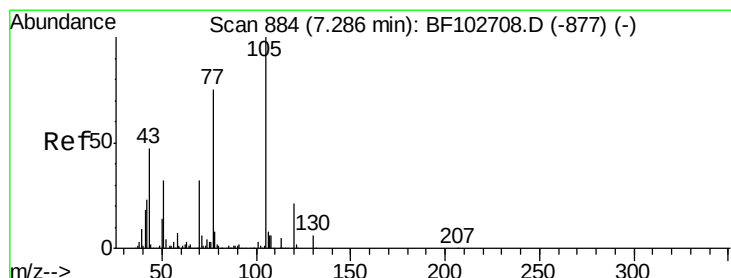
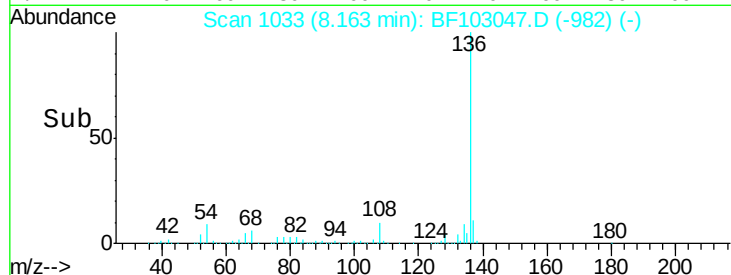
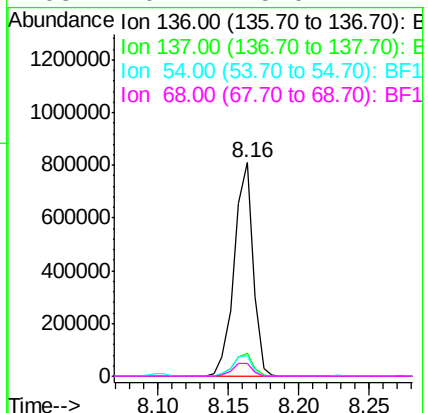
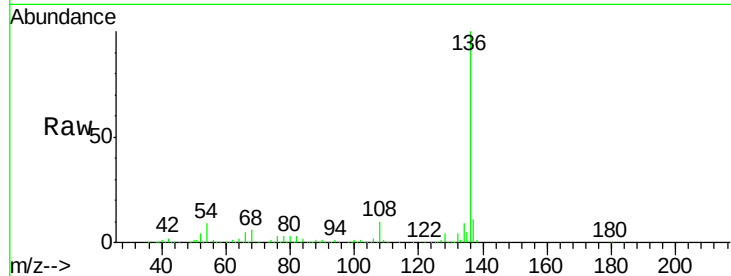
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	755393		
137	10.7	8.9	13.3	
54	9.4	6.6	9.8	
68	6.2	5.0	7.4	

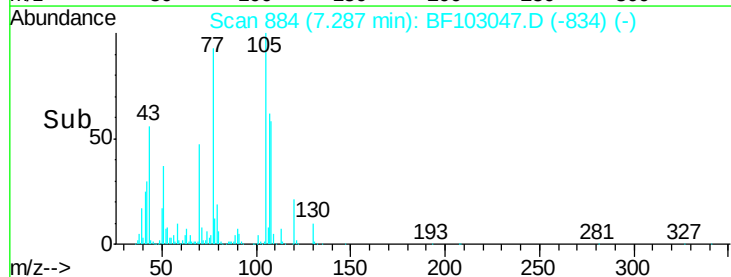
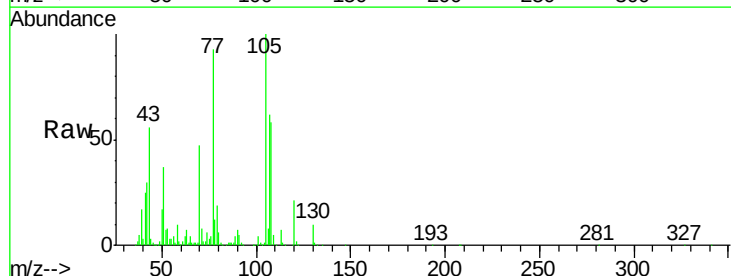
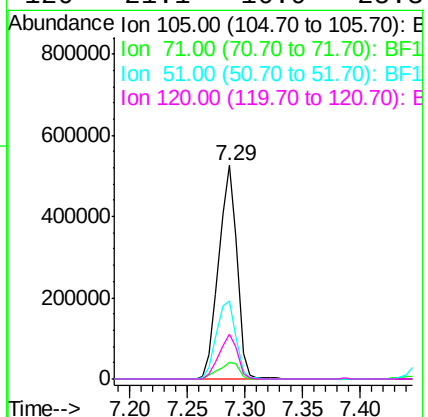
Manual Integrations
APPROVED

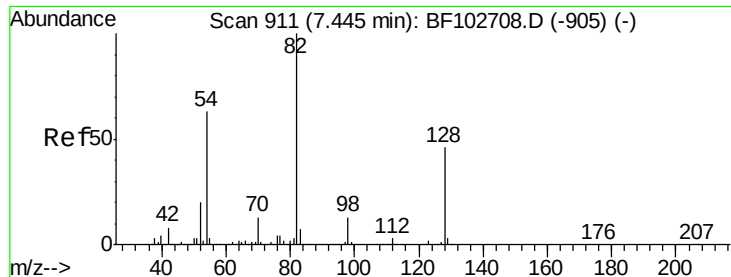
Sohil
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#22
Acetophenone
Concen: 31.370 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	579872		
71	7.8	4.4	6.6#	
51	36.7	22.3	33.5#	
120	21.1	16.9	25.3	





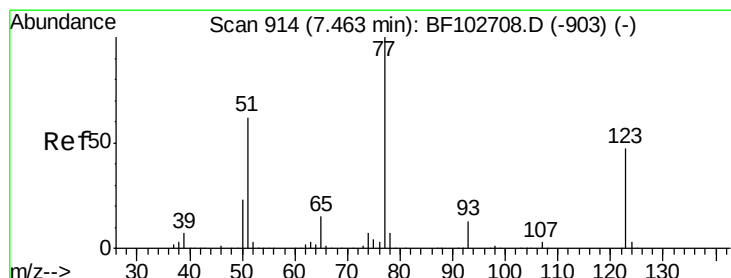
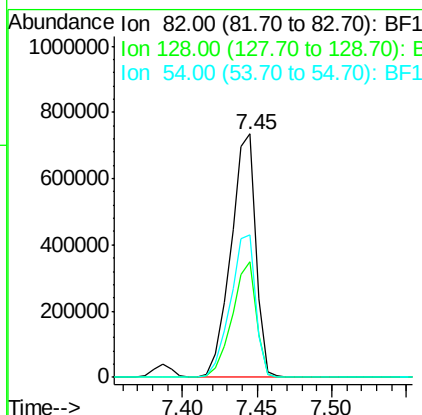
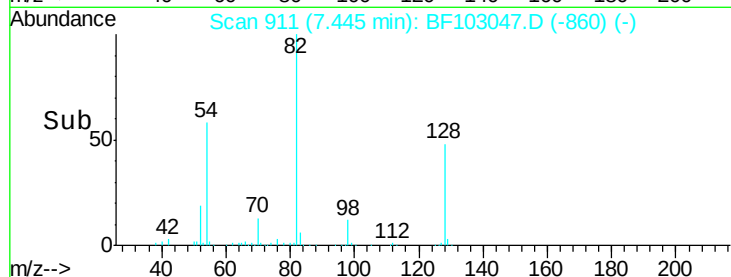
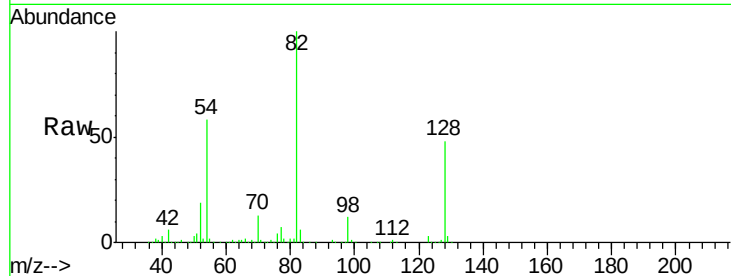
#23
Nitrobenzene-d5
Concen: 79.322 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	47.5	36.1	54.1
54	58.4	41.4	62.2

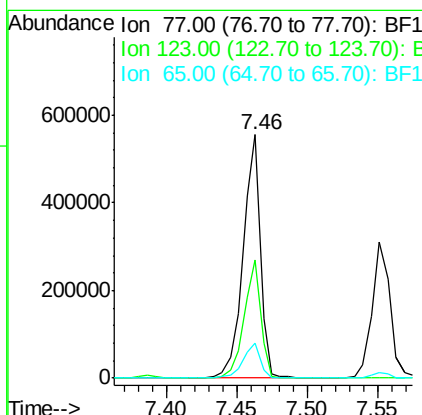
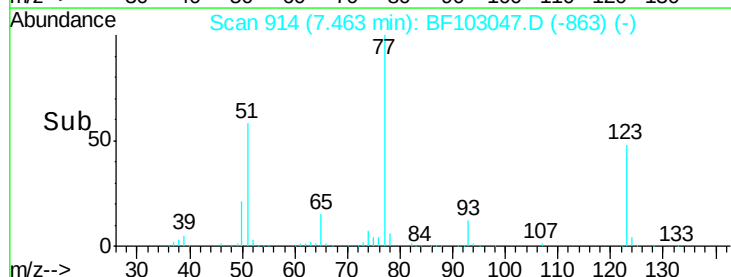
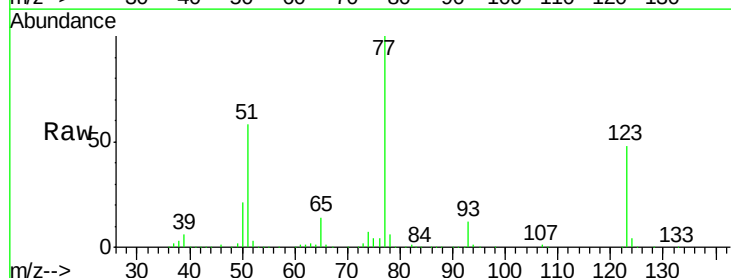
Manual Integrations
APPROVED

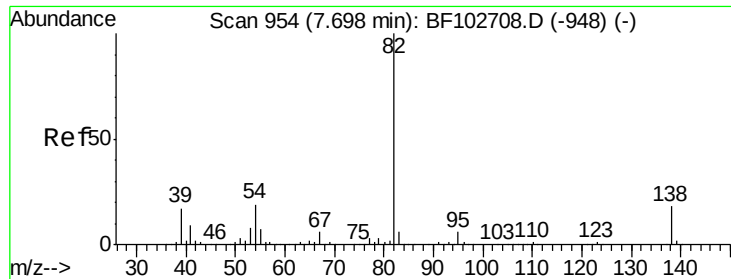
Sohil
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#24
Nitrobenzene
Concen: 36.779 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	48.4	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 34.494 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

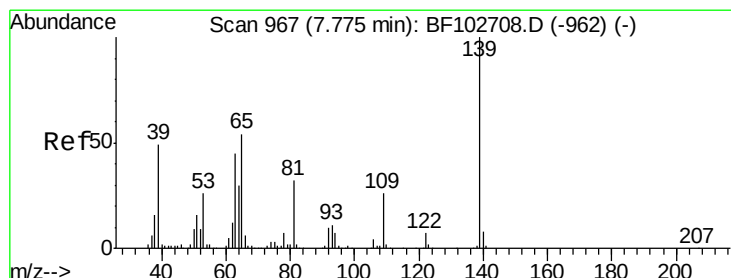
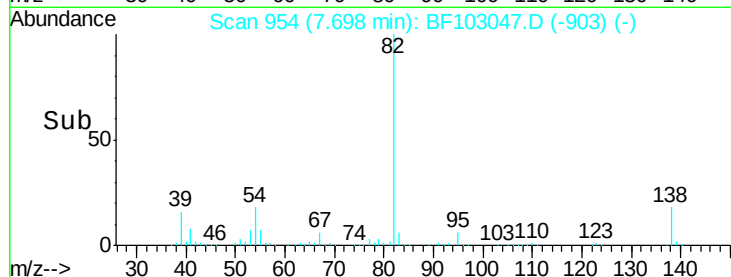
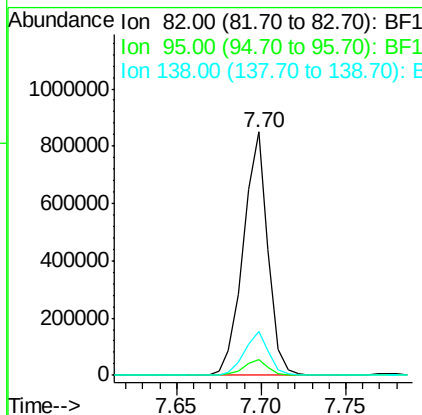
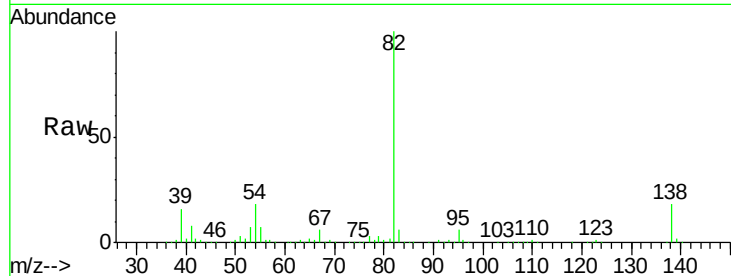
ClientSampleId :

PB106606BS

Tgt Ion:	82	Resp:	864897
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.058 ng

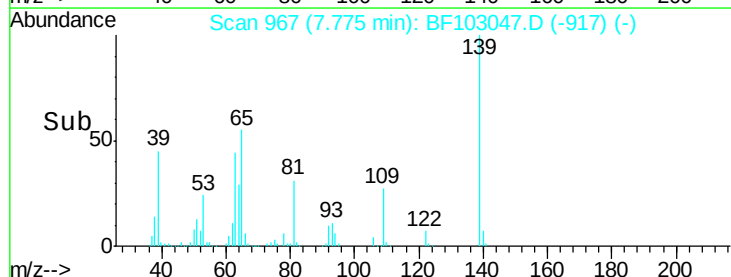
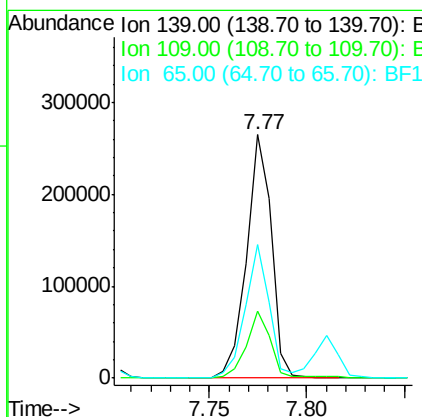
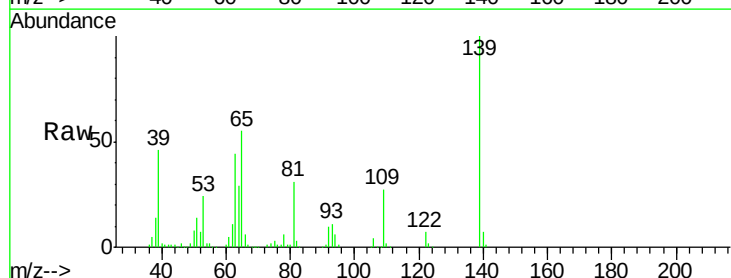
RT: 7.77 min Scan# 967

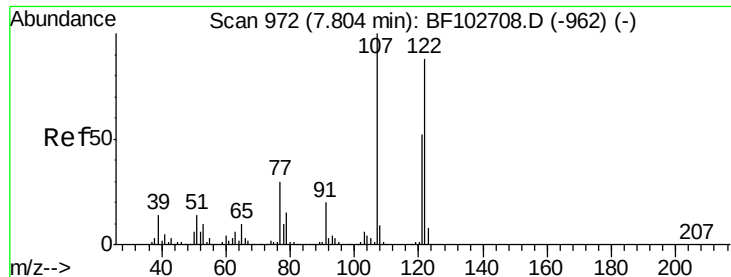
Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	139	Resp:	233693
Ion Ratio	Lower	Upper	
139	100		
109	27.4	22.7	34.1
65	54.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 36.090 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

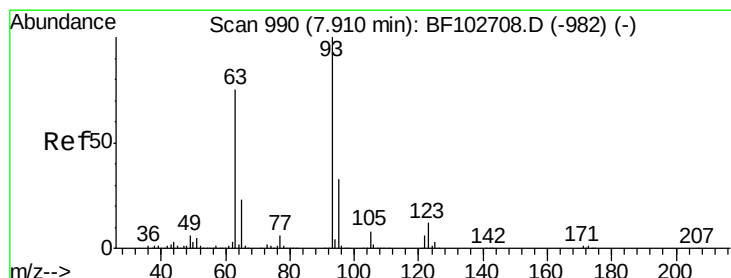
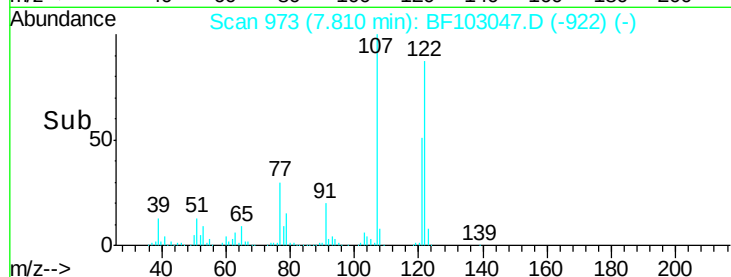
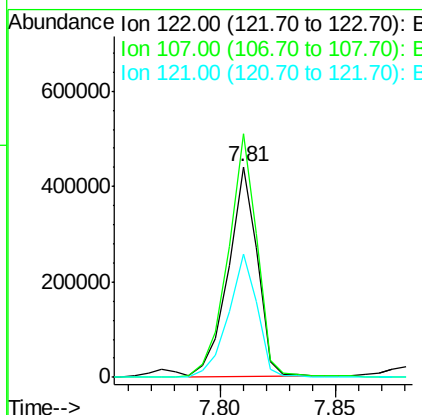
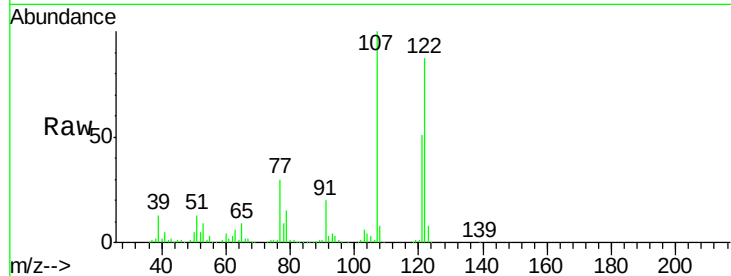
ClientSampleId :

PB106606BS

Tgt Ion:	122	Resp:	382313
Ion Ratio	Lower	Upper	
122	100		
107	115.6	91.2	136.8
121	58.5	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 36.383 ng

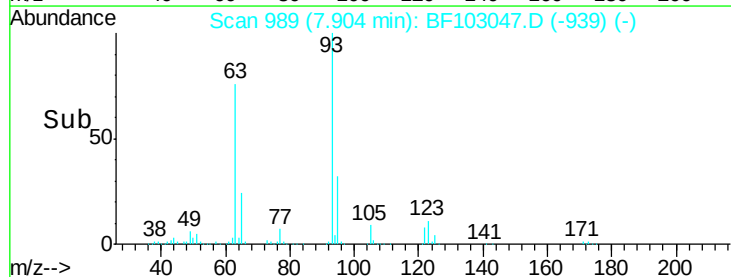
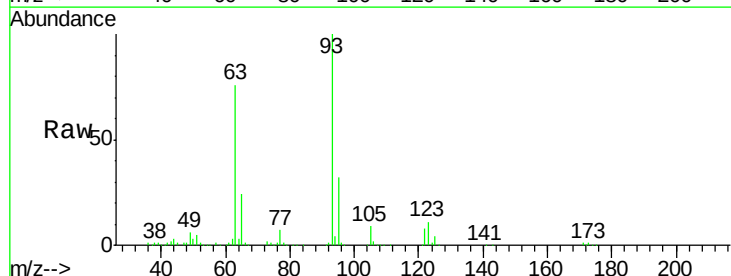
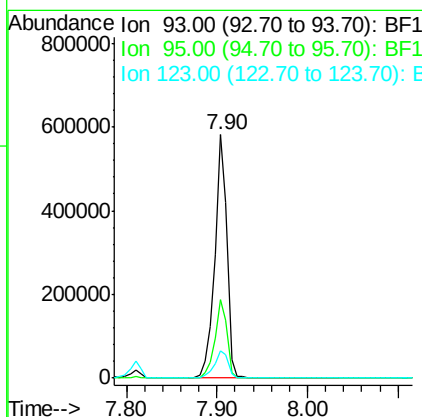
RT: 7.90 min Scan# 989

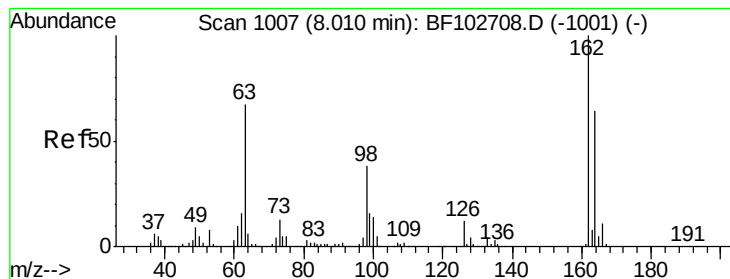
Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	93	Resp:	540422
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.0	9.8	14.6





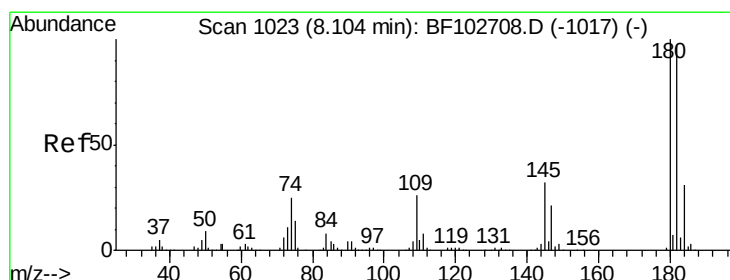
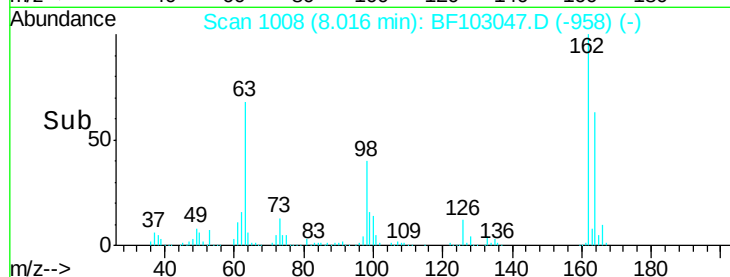
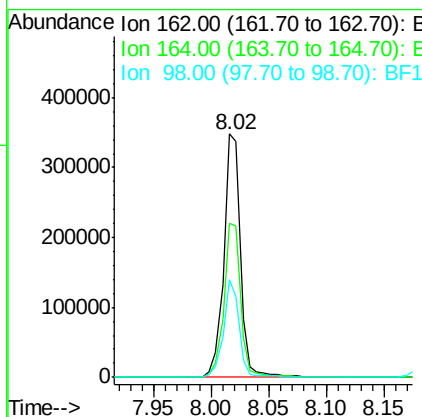
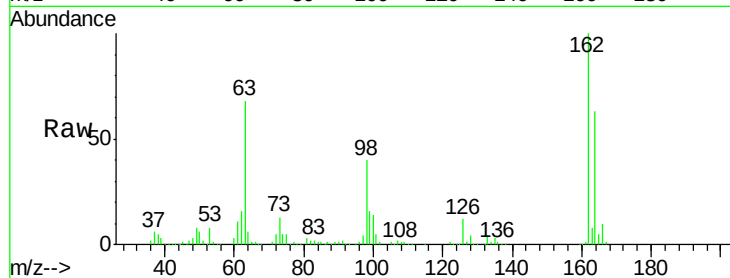
#29
 2,4-Dichlorophenol
 Concen: 36.451 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	351028		
164	63.3	42.7	82.7	
98	40.0	18.1	58.1	

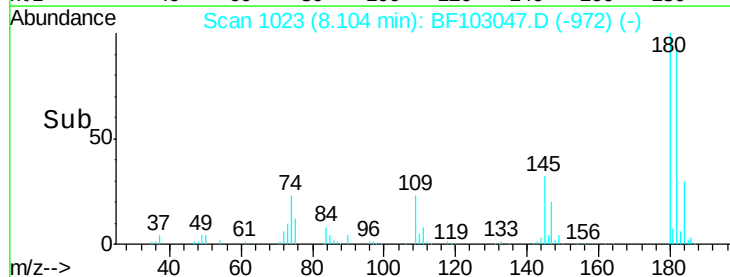
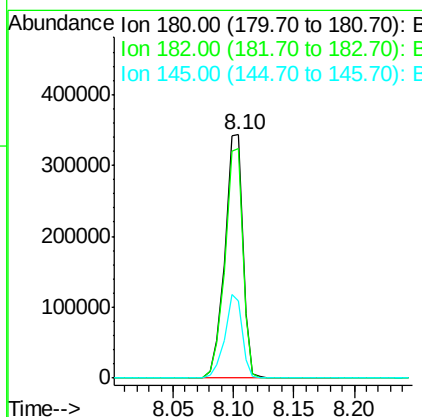
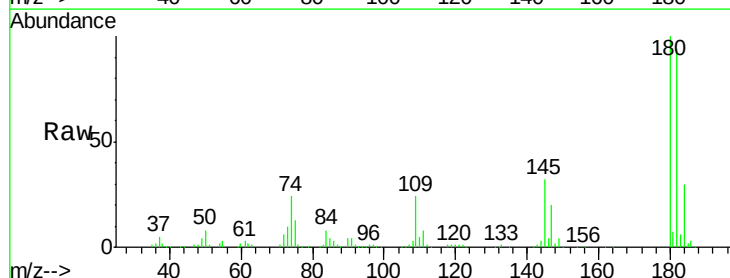
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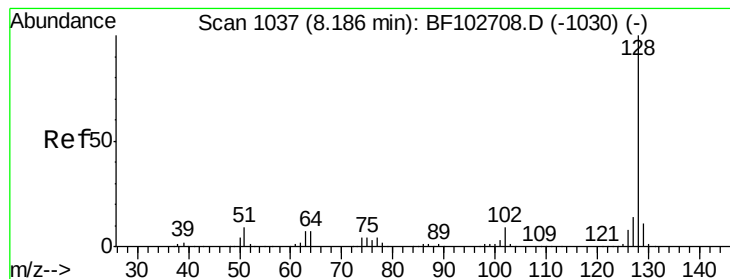
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.732 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	356591		
182	94.4	76.8	115.2	
145	31.5	26.5	39.7	





#31

Naphthalene

Concen: 32.756 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

PB106606BS

Tgt Ion:128 Resp: 1208908

Ion Ratio Lower Upper

128 100

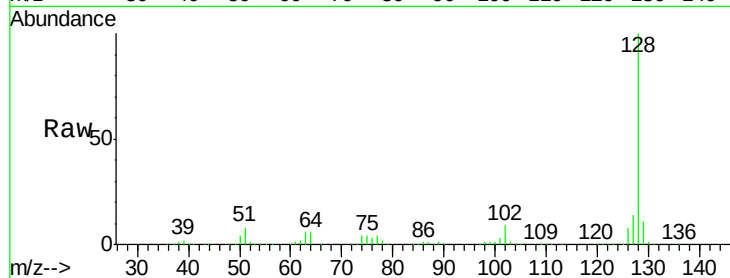
129 10.9 8.8 13.2

127 13.5 10.9 16.3

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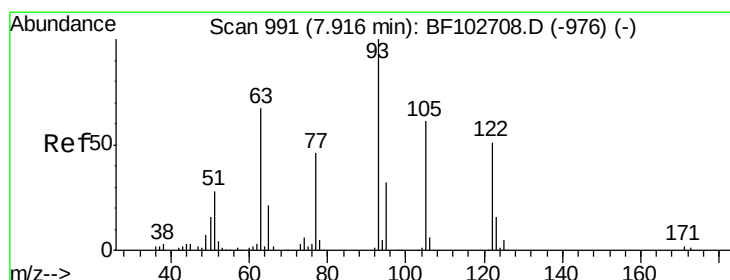
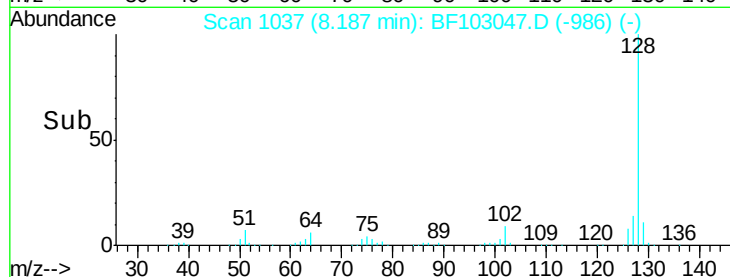
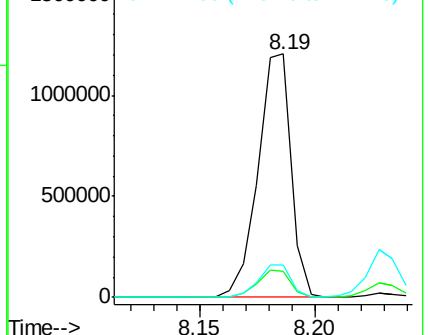
2/19/2018 11:09:23 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.660 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

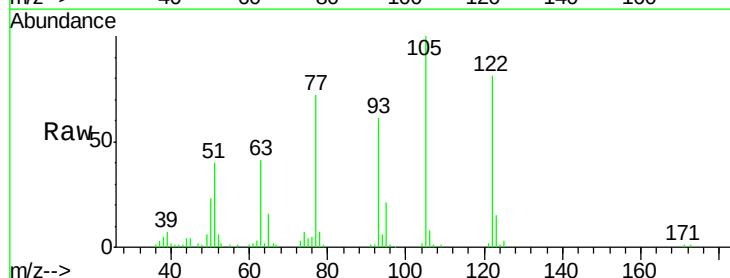
Tgt Ion:122 Resp: 115955

Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

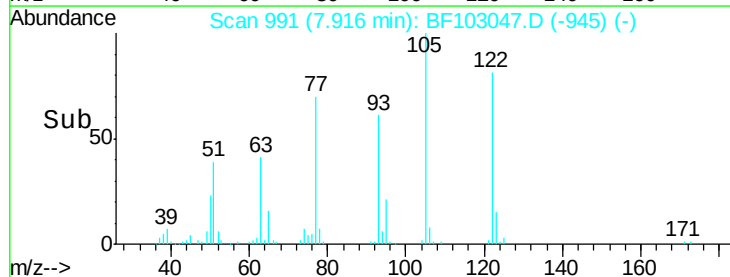
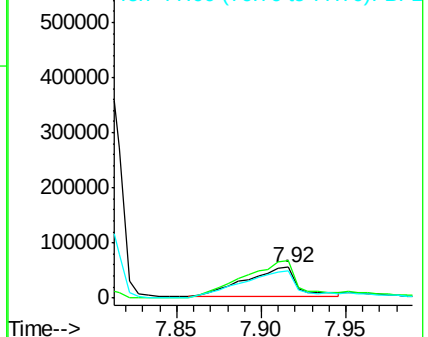
77 88.7 70.7 110.7

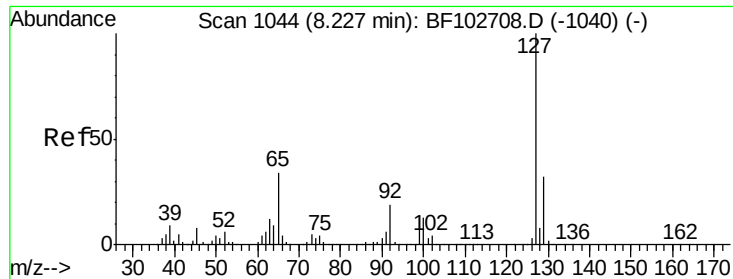


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





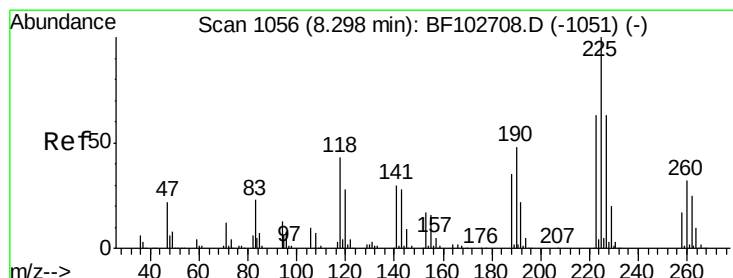
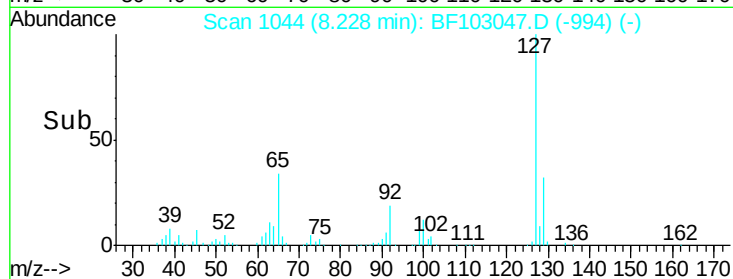
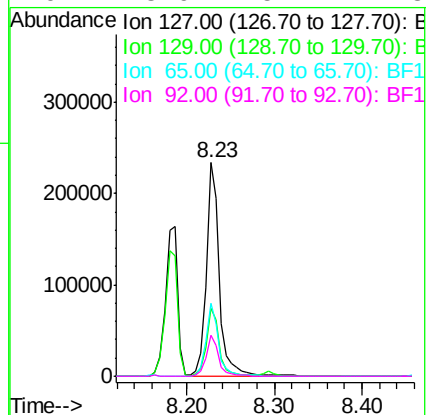
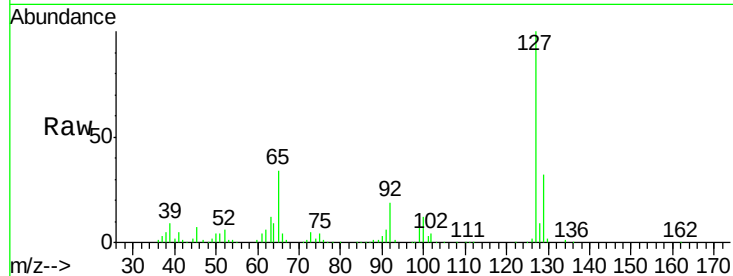
#33
 4-Chloroaniline
 Concen: 15.199 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	241654		
129	31.9	25.9	38.9	
65	34.0	25.0	37.4	
92	18.9	15.2	22.8	

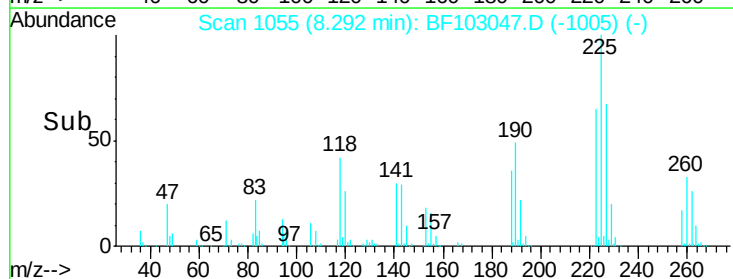
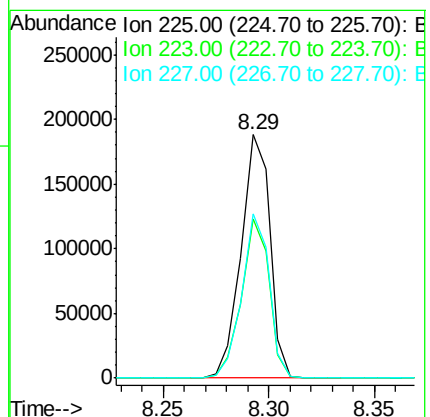
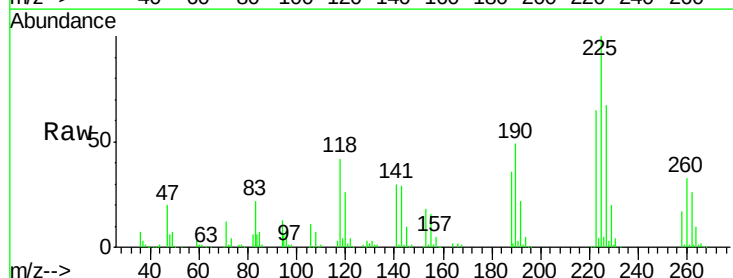
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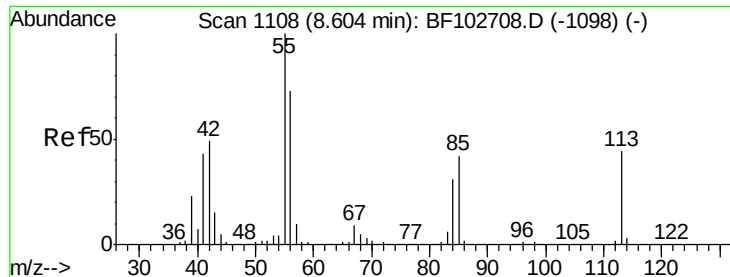
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#34
 Hexachlorobutadiene
 Concen: 31.916 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178171		
223	65.4	50.6	76.0	
227	67.3	51.9	77.9	





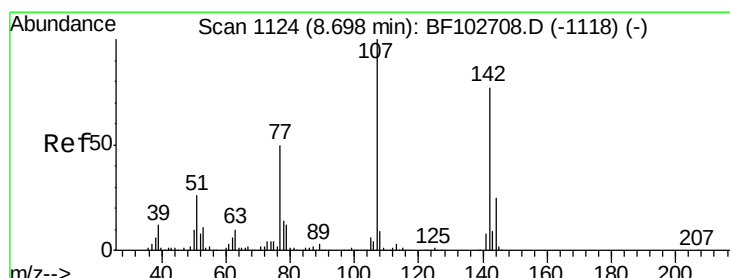
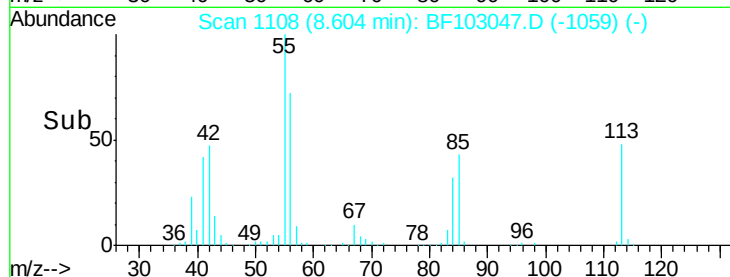
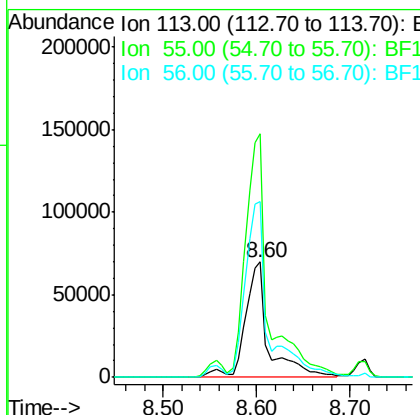
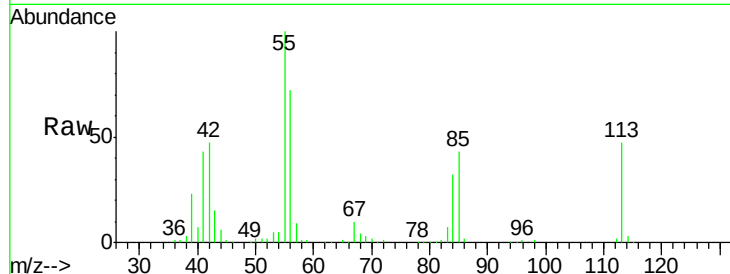
#35
 Caprolactam
 Concen: 36.358 ng m
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	210.8	163.3	203.3#
56	152.0	115.7	155.7

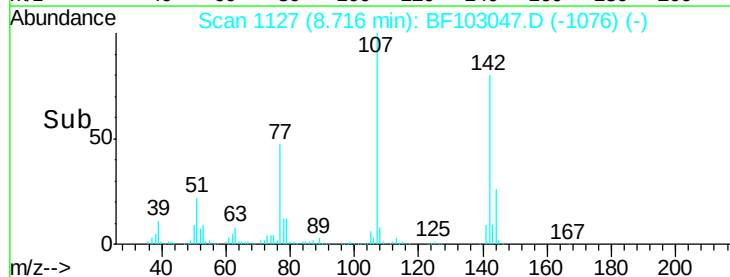
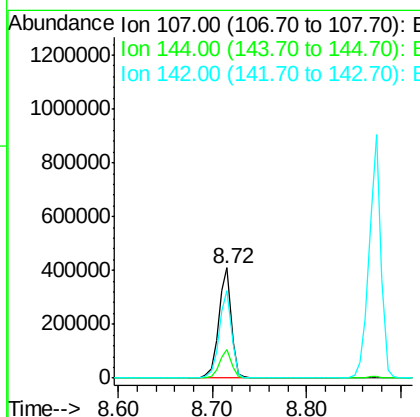
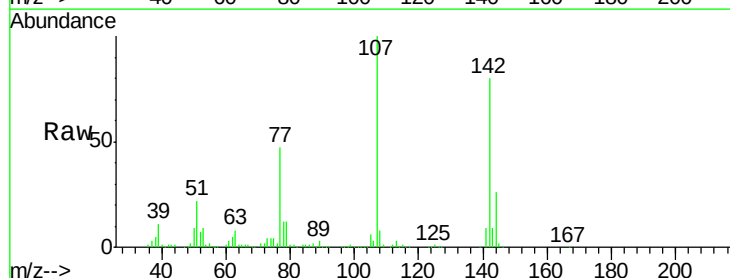
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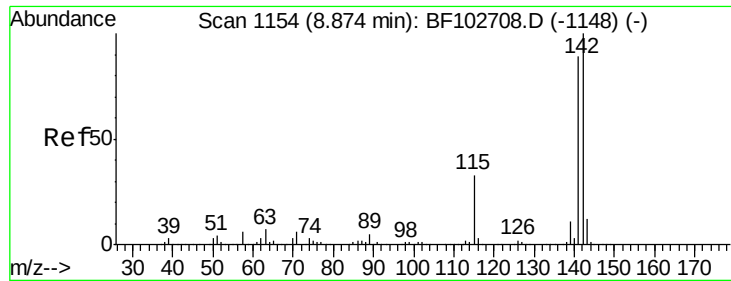
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#36
 4-Chloro-3-methylphenol
 Concen: 35.566 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	79.5	62.0	93.0





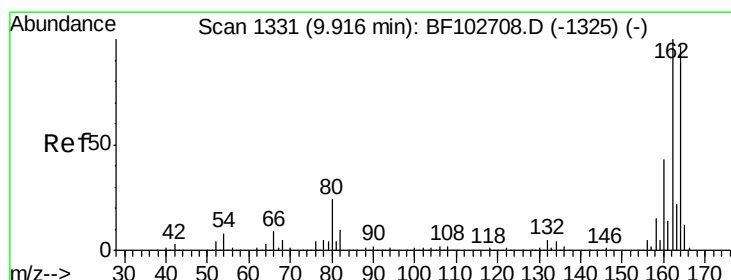
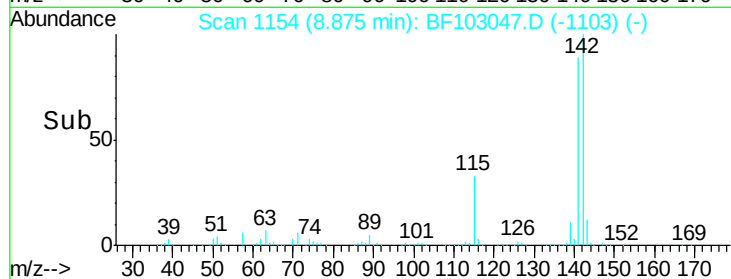
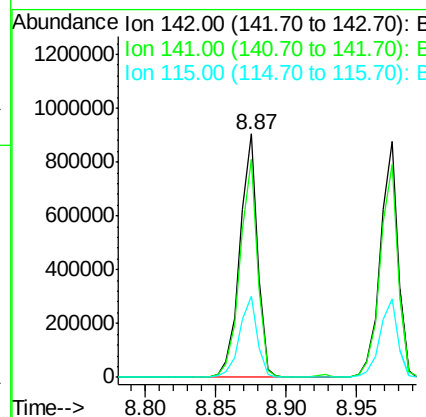
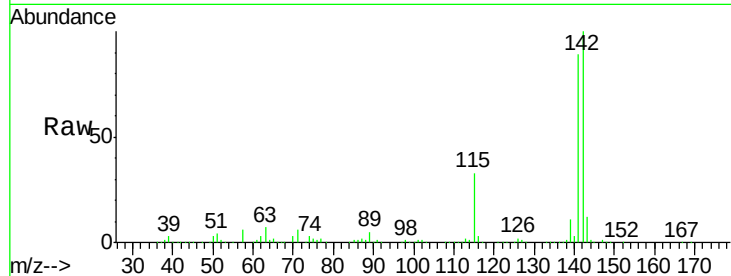
#37
2-Methylnaphthalene
Concen: 32.737 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	33.2	26.1	39.1

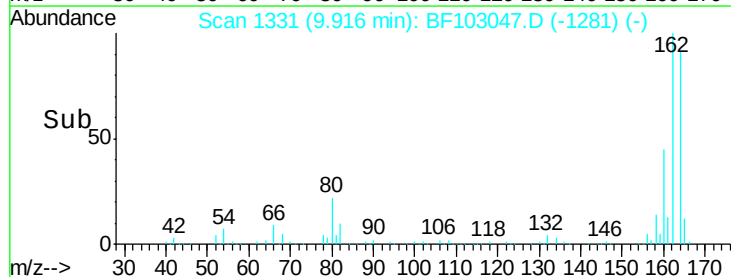
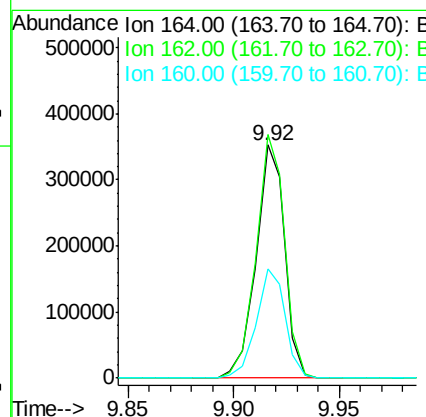
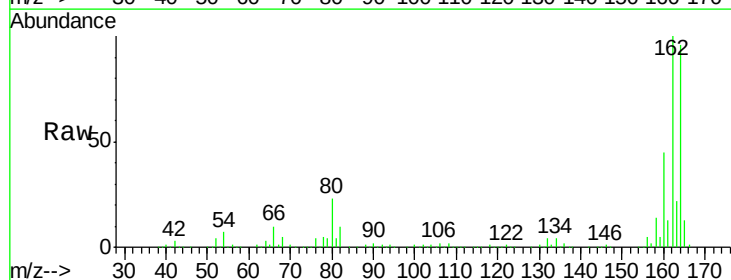
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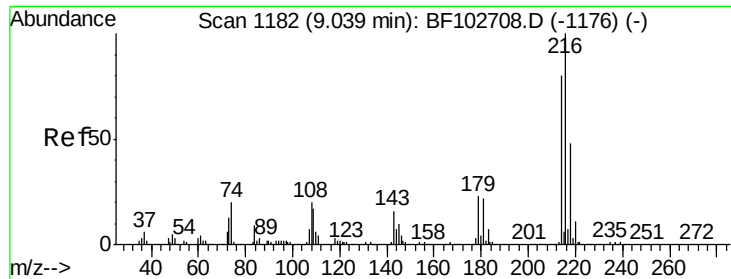
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.7	38.3	57.5





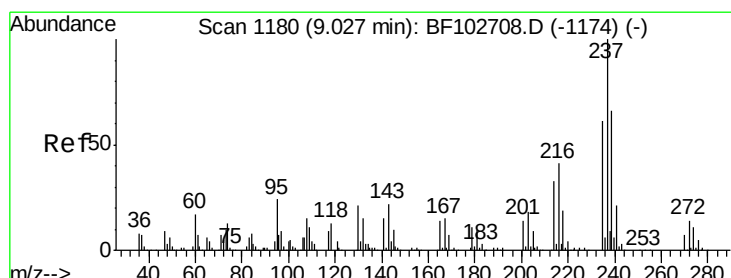
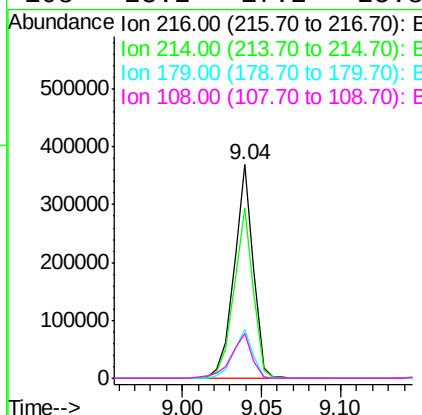
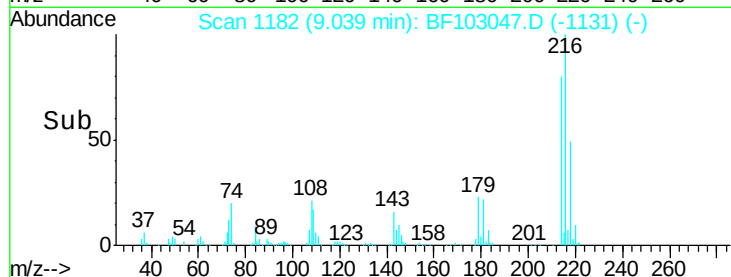
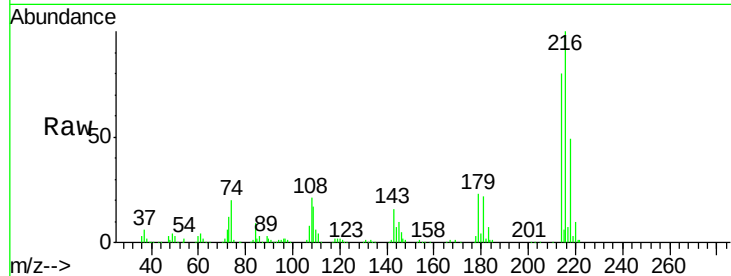
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.020 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	306853		
214	80.3	63.0	94.4	
179	22.9	18.1	27.1	
108	23.2	17.2	25.8	

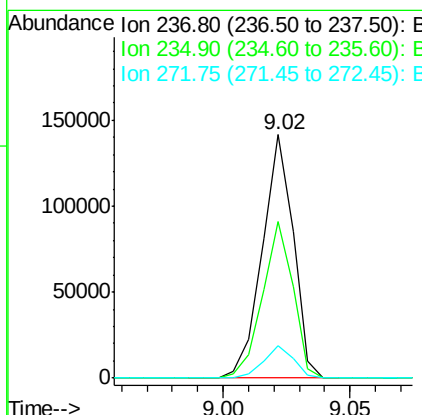
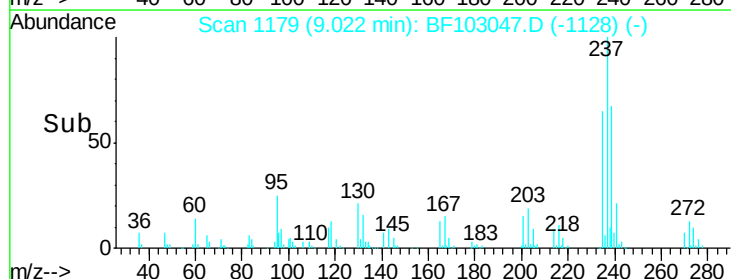
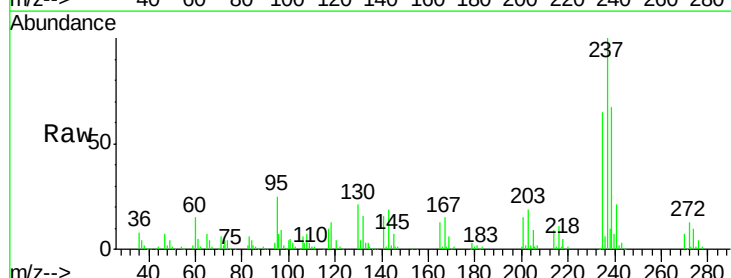
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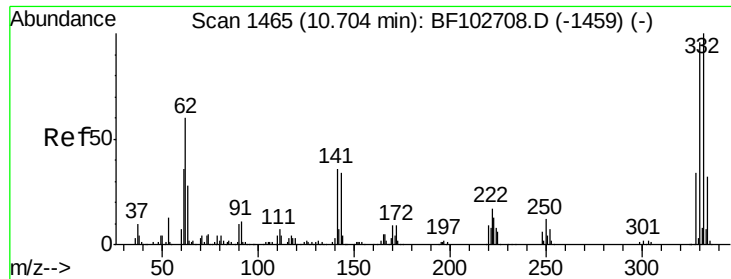
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#40
 Hexachlorocyclopentadiene
 Concen: 28.360 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	121602		
235	64.6	44.8	84.8	
272	13.4	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 96.003 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

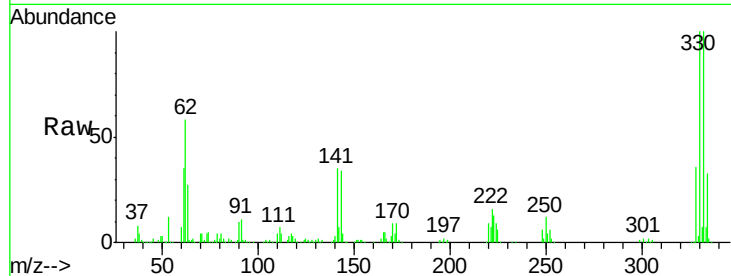
ClientSampleId :

PB106606BS

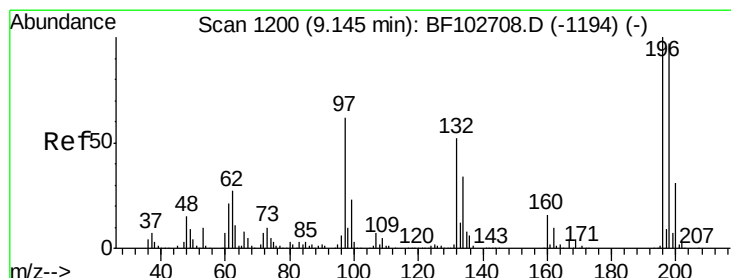
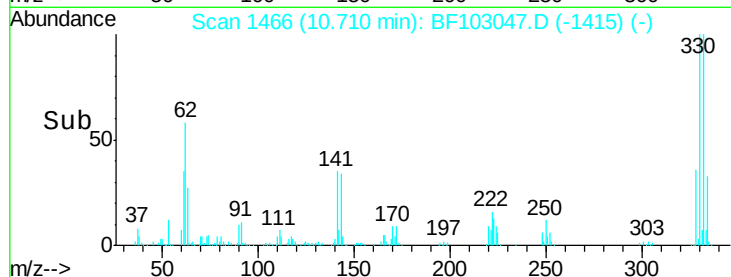
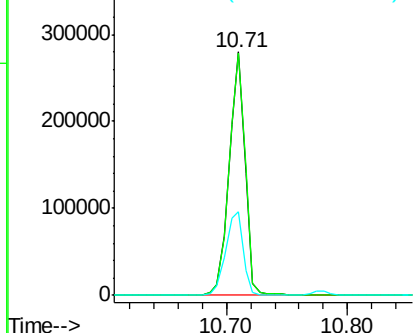
Tgt Ion:	330	Resp:	255975
Ion Ratio	Lower	Upper	
330	100		
332	101.3	77.0	115.6
141	38.0	29.9	44.9

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.328 ng

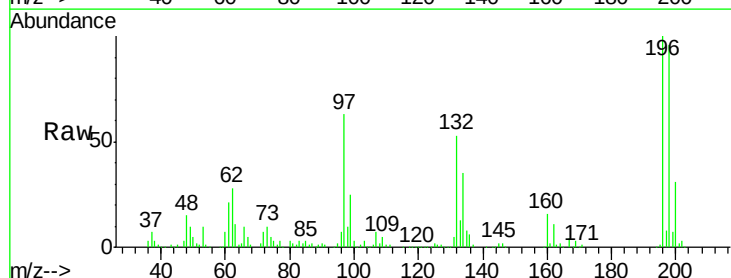
RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

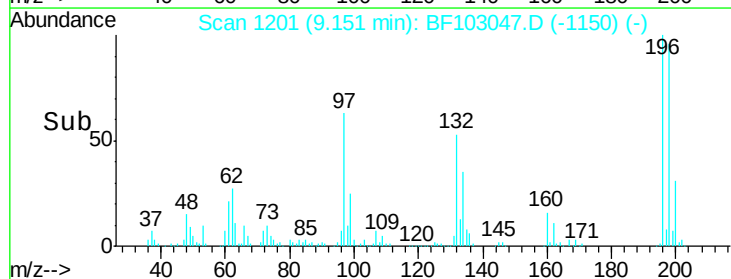
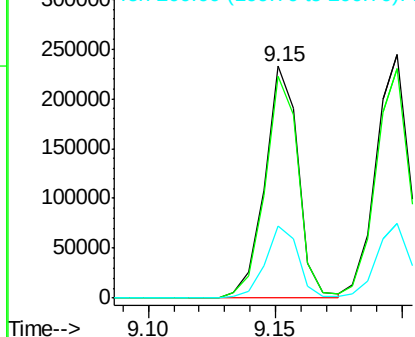
Lab File: BF103047.D

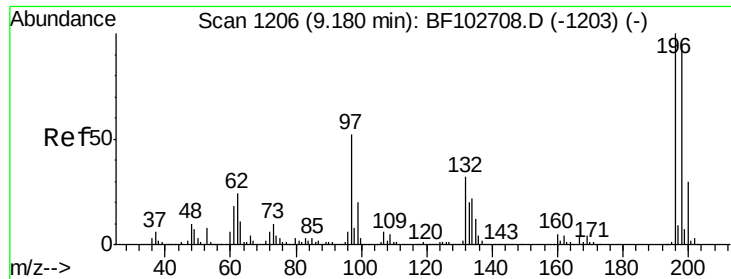
Acq: 16 Feb 2018 12:58

Tgt Ion:	196	Resp:	215226
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
200	31.2	24.5	36.7



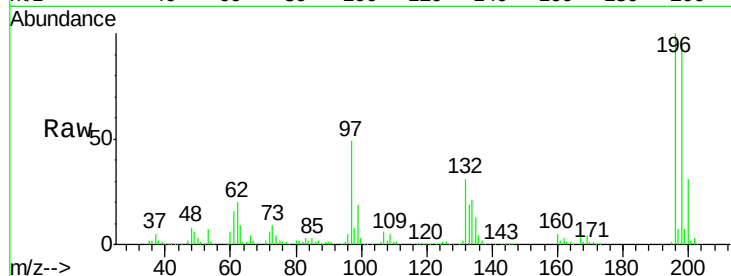
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 34.516 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

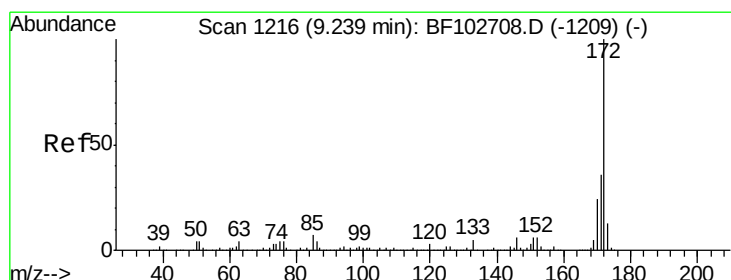
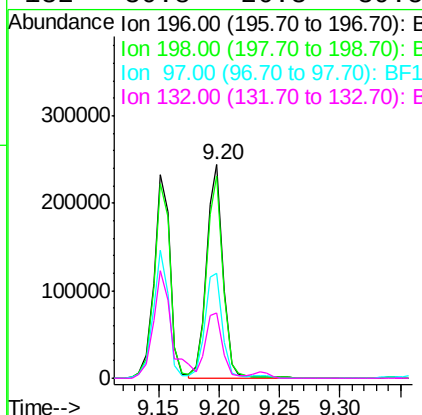
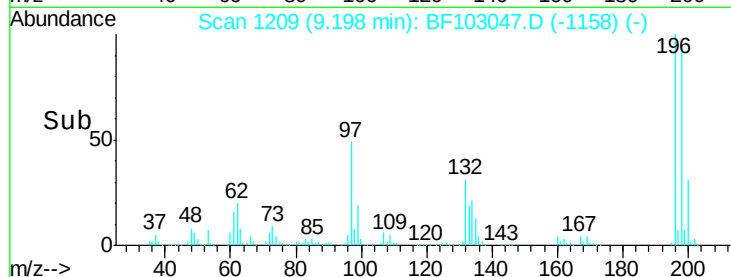
Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS



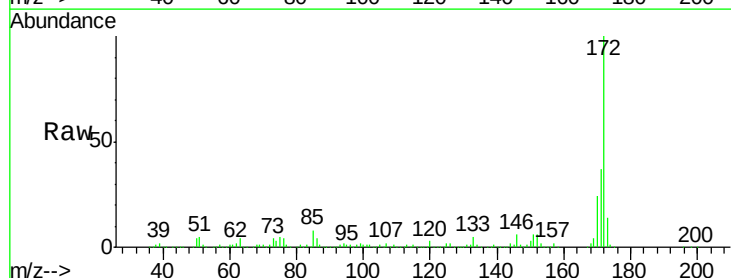
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230479		
198	94.4	74.6	112.0	
97	49.0	42.9	64.3	
132	30.8	26.3	39.5	

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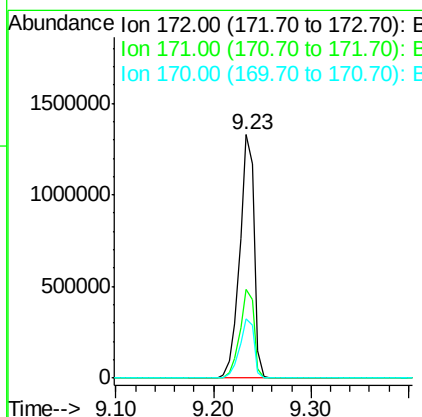
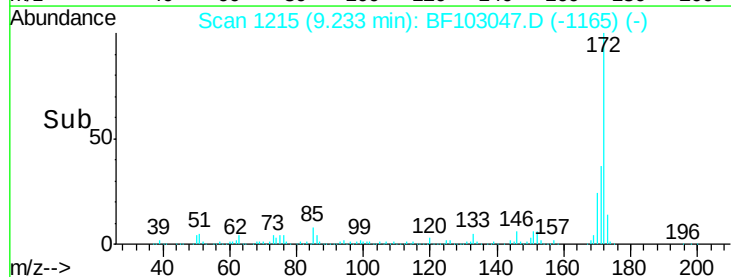
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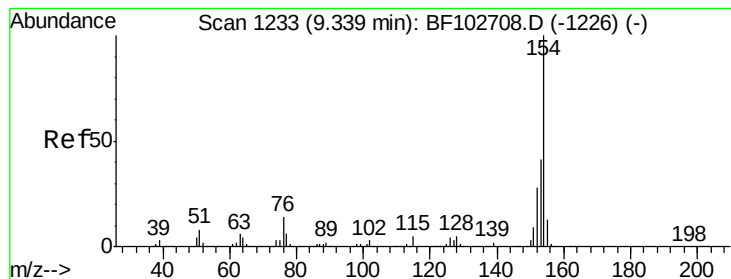


#44
 2-Fluorobiphenyl
 Concen: 67.856 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1354651		
171	36.6	29.7	44.5	
170	24.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 32.327 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

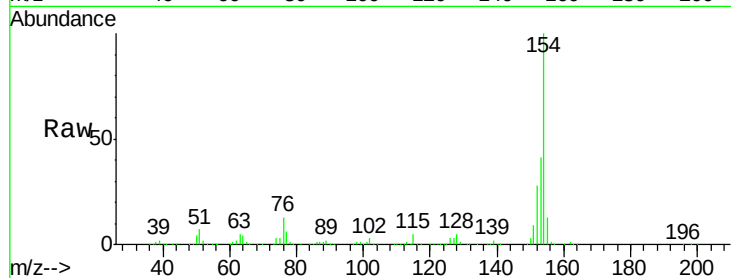
ClientSampled :

PB106606BS

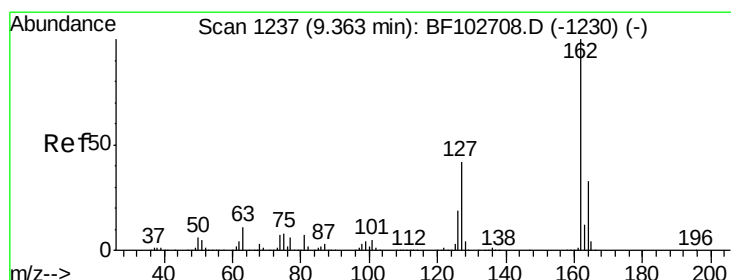
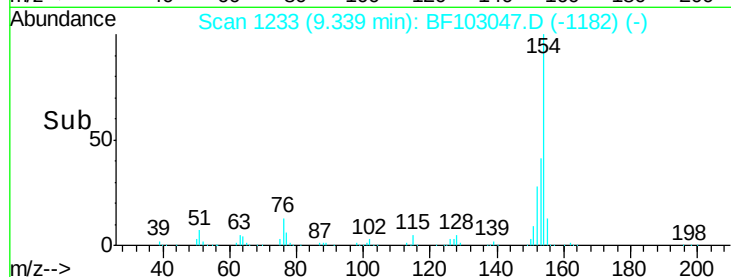
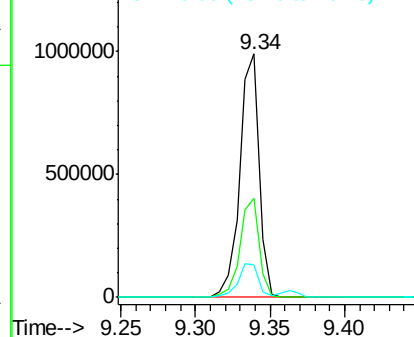
Tgt Ion:	154	Resp:	901985
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	13.3	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 32.460 ng

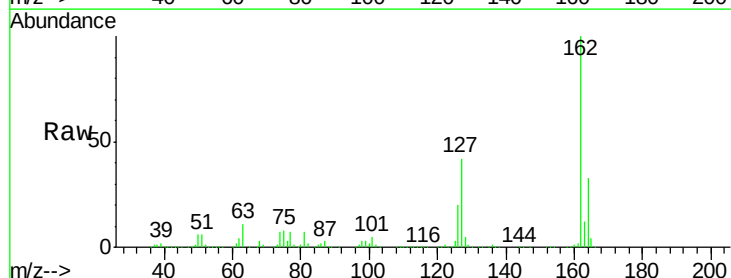
RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

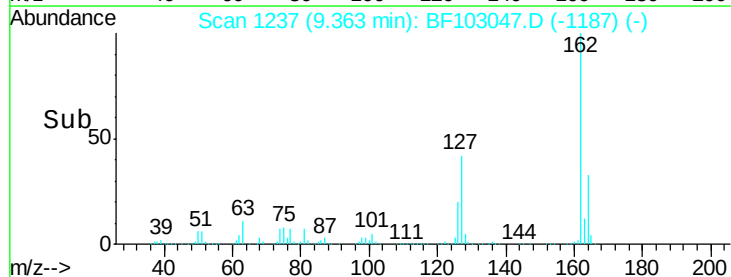
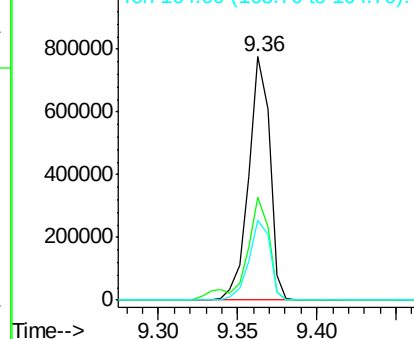
Lab File: BF103047.D

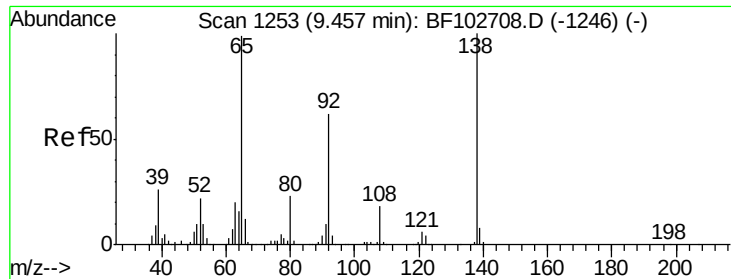
Acq: 16 Feb 2018 12:58

Tgt Ion:	162	Resp:	713036
Ion Ratio	Lower	Upper	
162	100		
127	42.2	33.9	50.9
164	32.8	26.5	39.7



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





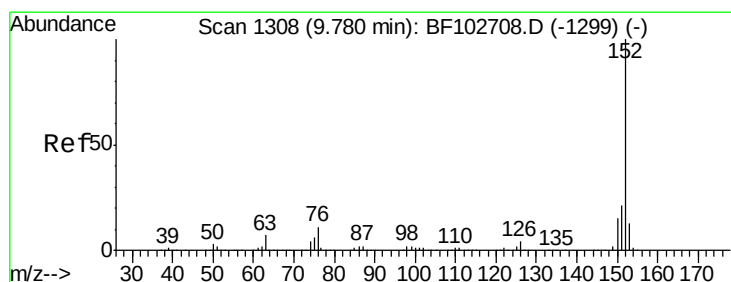
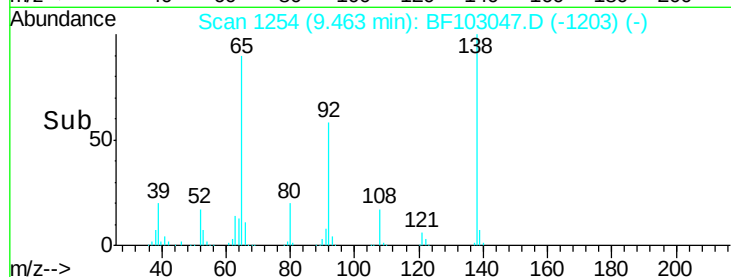
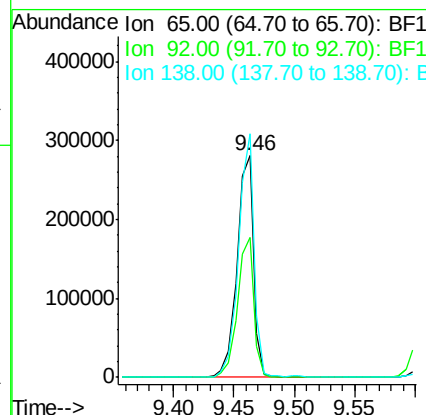
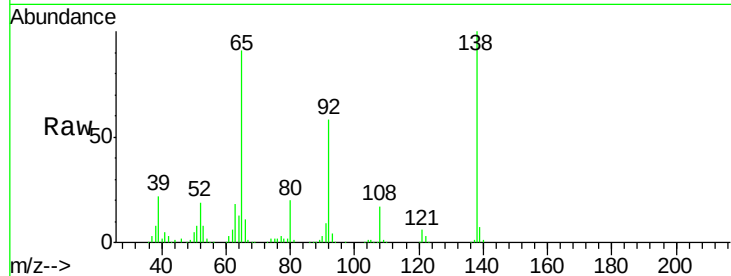
#47
2-Nitroaniline
Concen: 40.428 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	270031		
92	63.4	55.8	83.6	
138	110.0	91.2	136.8	

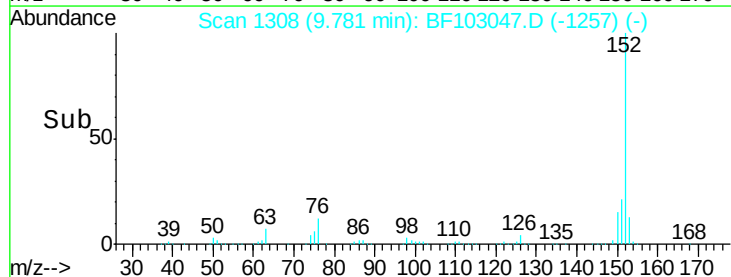
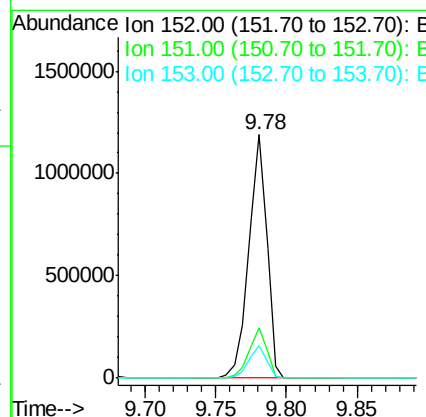
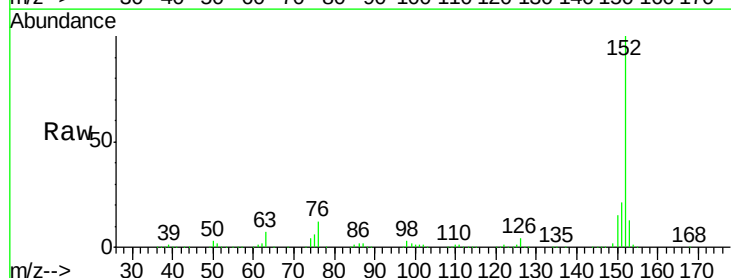
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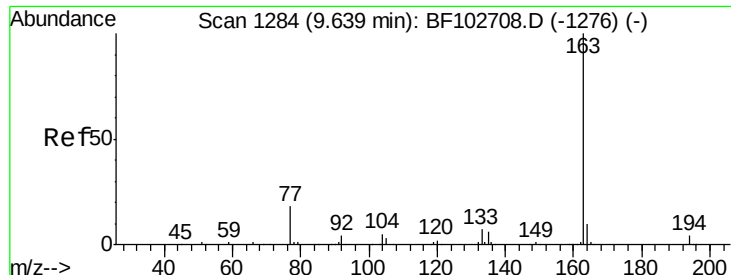
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#48
Acenaphthylene
Concen: 31.177 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1063692		
151	20.8	16.3	24.5	
153	13.4	10.7	16.1	





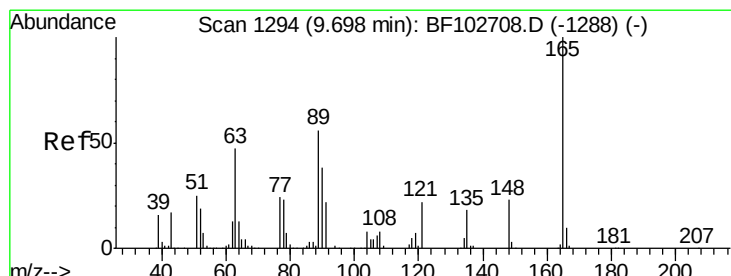
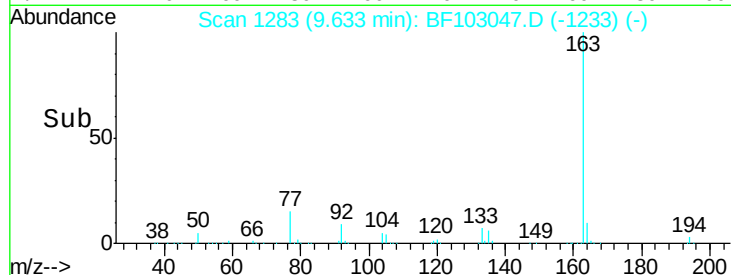
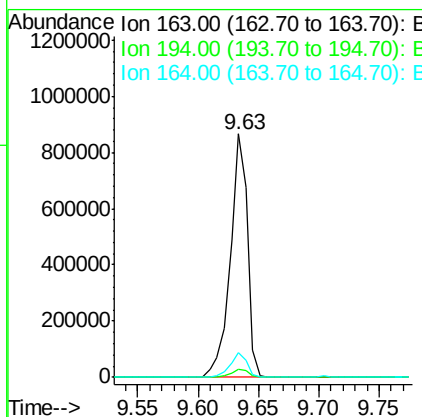
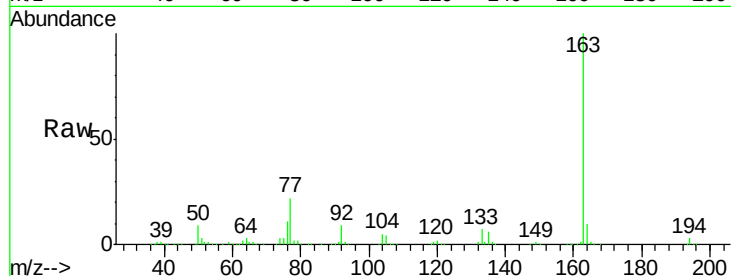
#49
 Dimethylphthalate
 Concen: 33.073 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	854259		
194	3.2	2.7	4.1	
164	10.3	8.2	12.2	

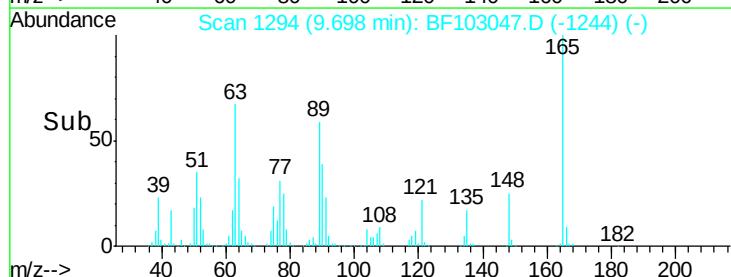
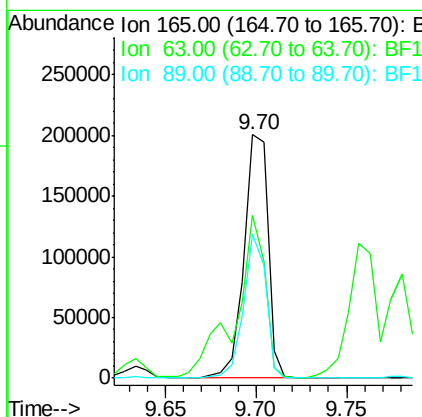
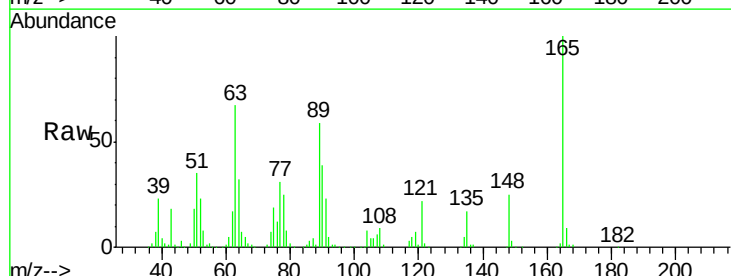
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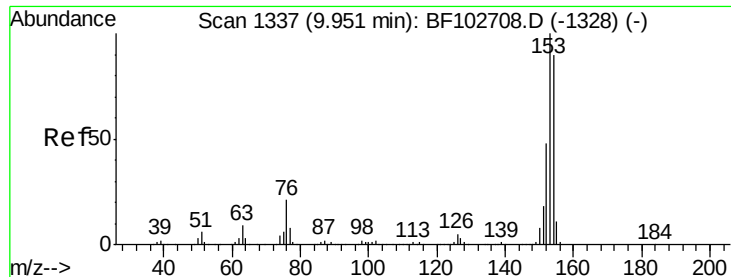
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 37.651 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	185025		
63	66.9	44.7	67.1	
89	59.1	44.0	66.0	





#51

Acenaphthene

Concen: 30.133 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

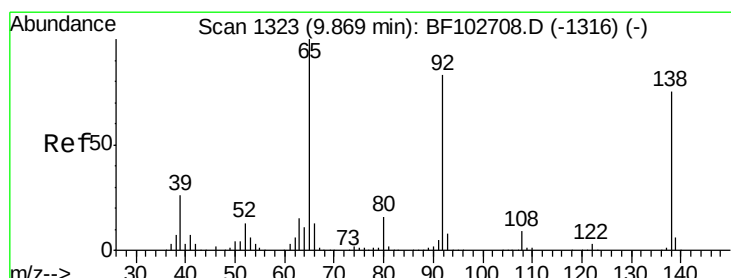
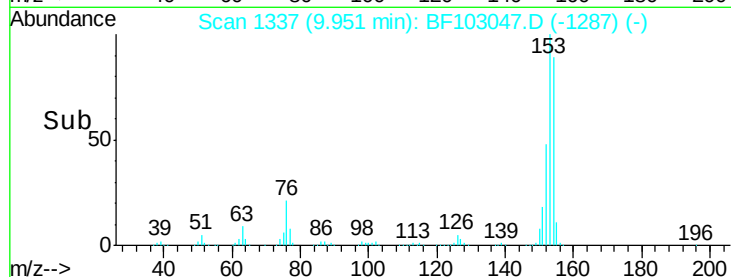
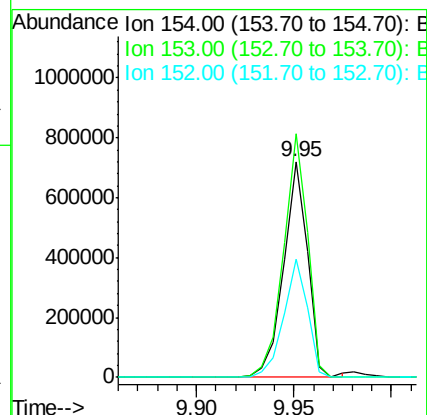
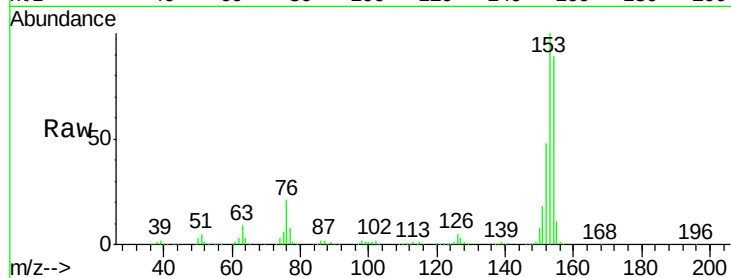
ClientSampleId :

PB106606BS

Tgt Ion:	154	Resp:	614814
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.2	136.8
152	54.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 25.397 ng

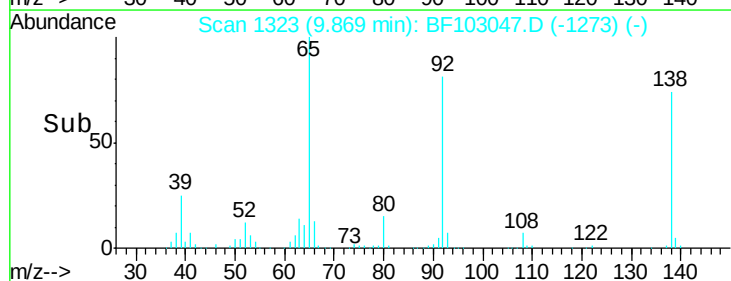
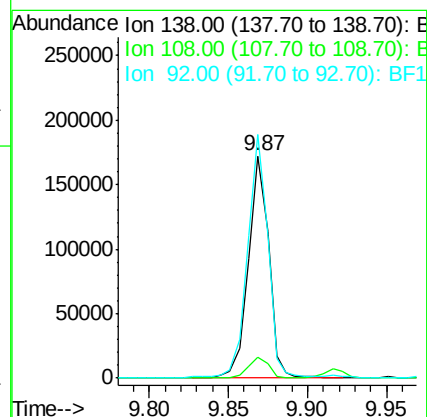
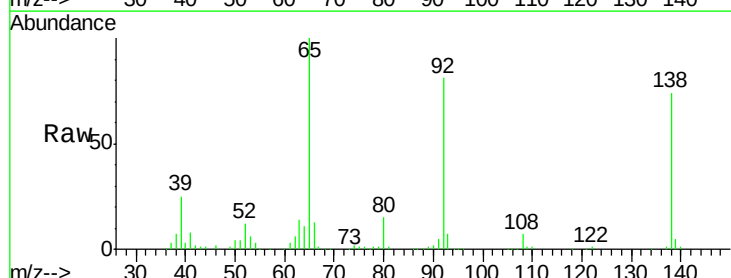
RT: 9.87 min Scan# 1323

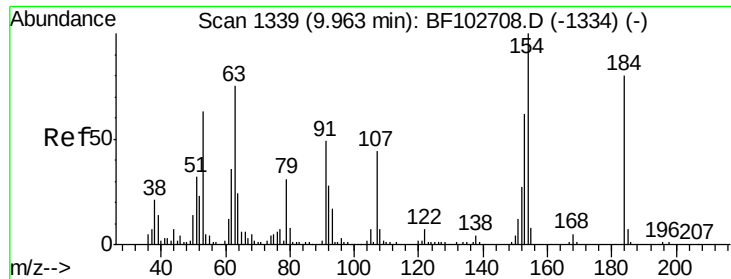
Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	138	Resp:	153565
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.4	14.0#
92	109.7	89.4	134.2





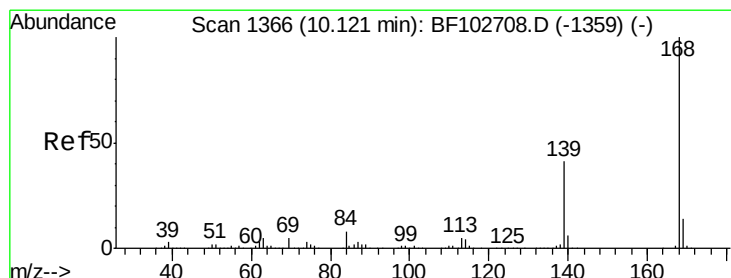
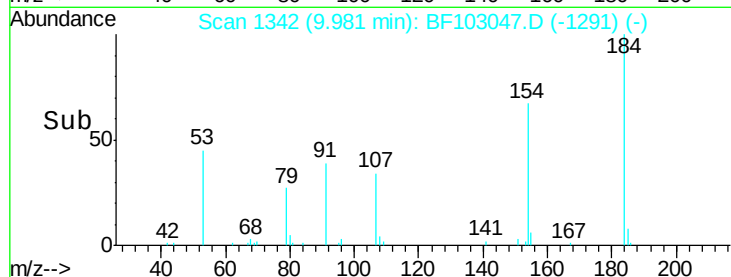
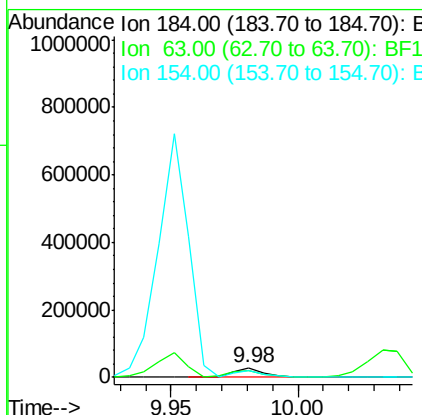
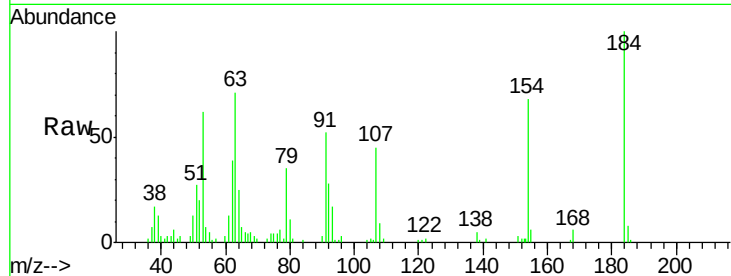
#53
2,4-Dinitrophenol
Concen: 30.854 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	26494		
63	71.4	54.2	81.2	
154	68.1	184.0	276.0	

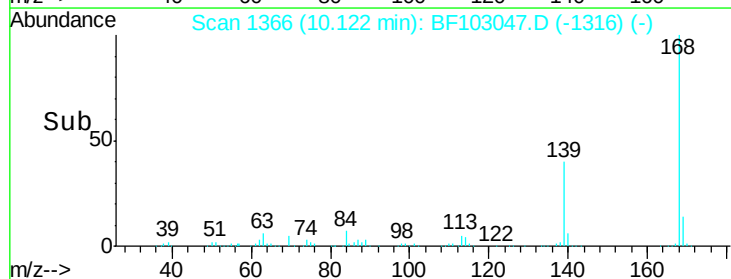
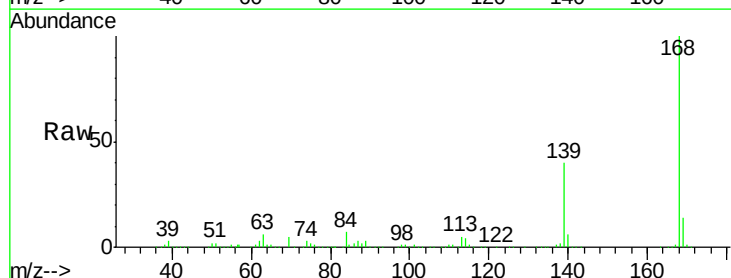
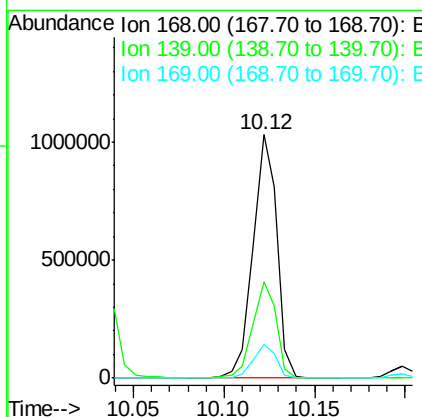
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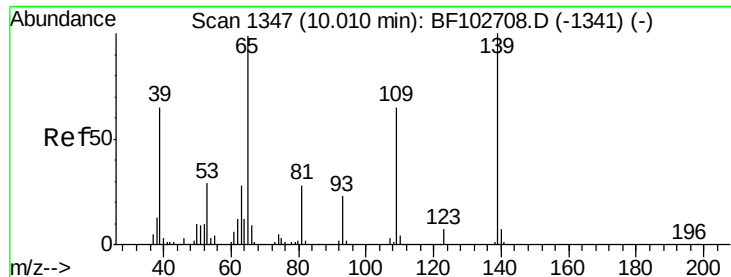
Sohil
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#54
Dibenzofuran
Concen: 32.788 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	942788		
139	39.8	30.1	45.1	
169	13.8	10.9	16.3	





#55

4-Nitrophenol

Concen: 60.887 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

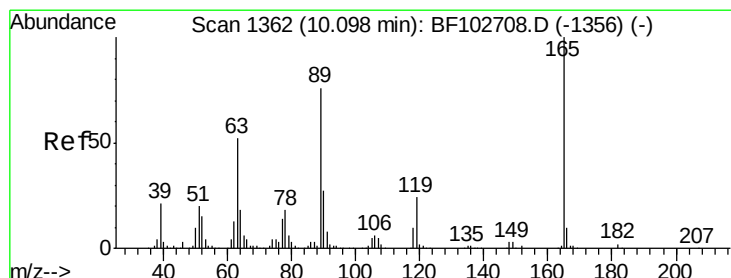
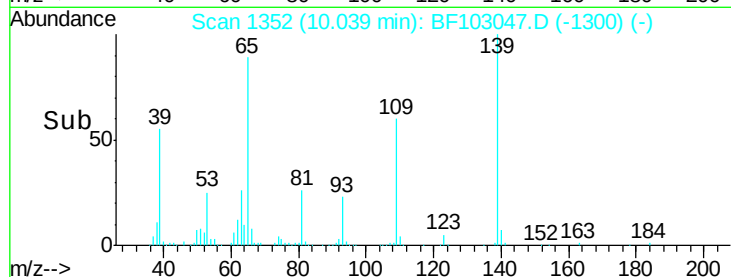
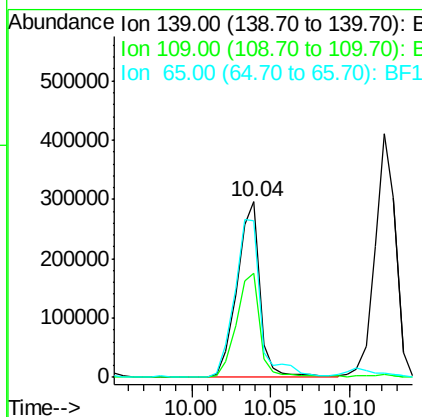
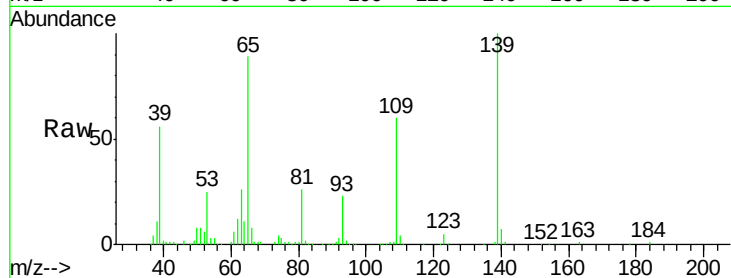
ClientSampled :

PB106606BS

Tgt Ion:	139	Resp:	297516
Ion Ratio	Lower	Upper	
139	100		
109	59.6	48.4	88.4
65	89.1	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 37.495 ng

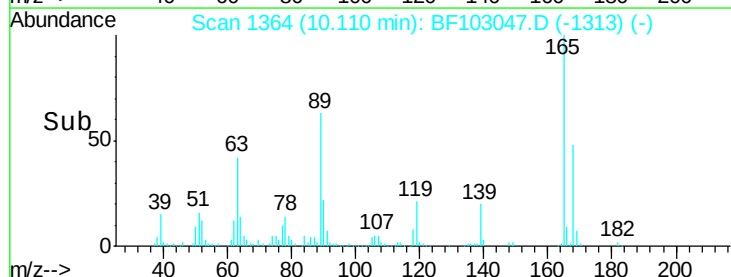
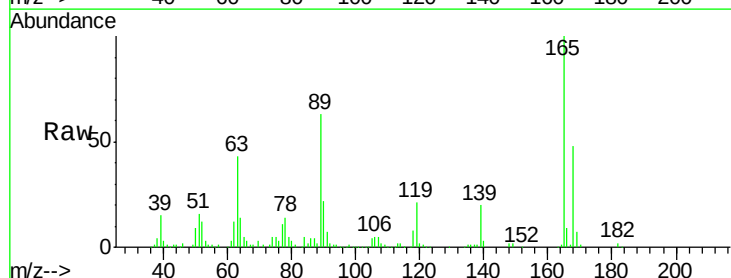
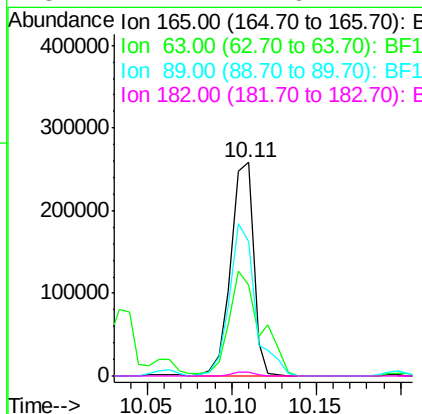
RT: 10.11 min Scan# 1364

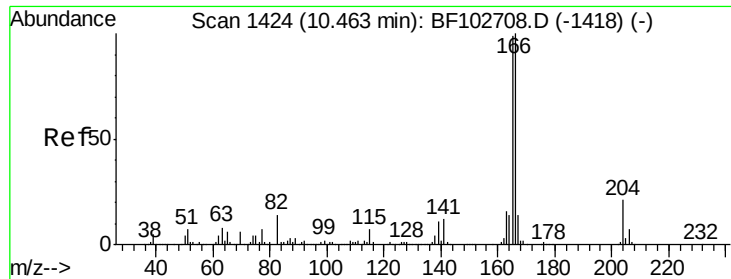
Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	165	Resp:	242373
Ion Ratio	Lower	Upper	
165	100		
63	42.6	36.4	54.6
89	62.7	57.8	86.6
182	2.1	1.6	2.4





#57

Fluorene

Concen: 33.455 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

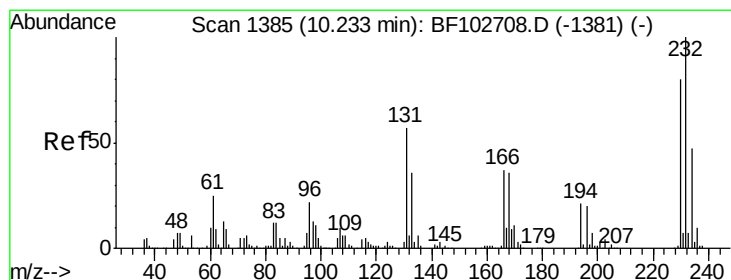
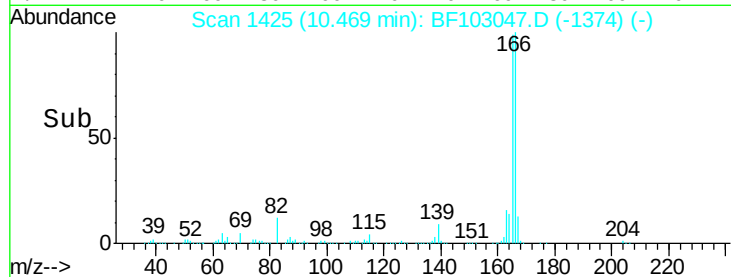
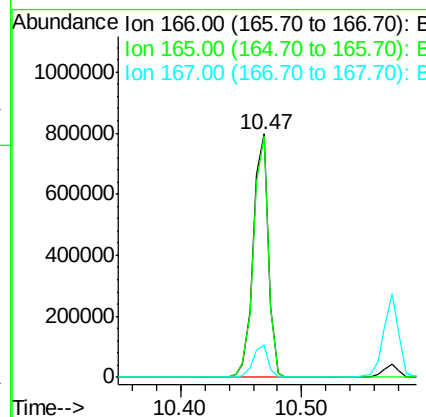
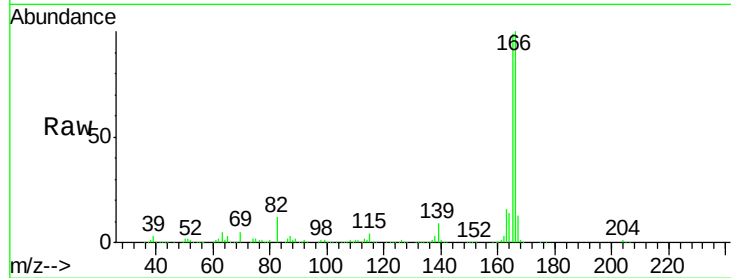
ClientSampleId :

PB106606BS

Tgt Ion:	166	Resp:	699900
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.795 ng

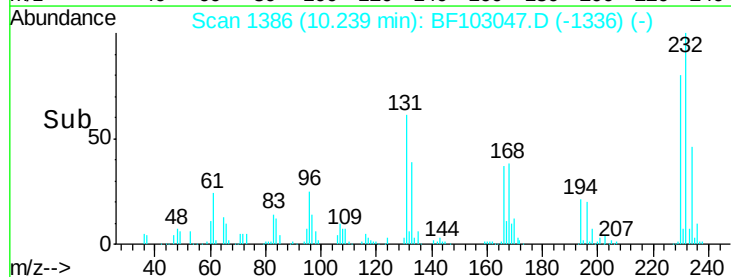
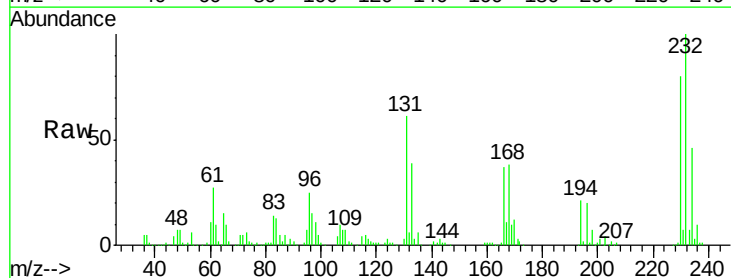
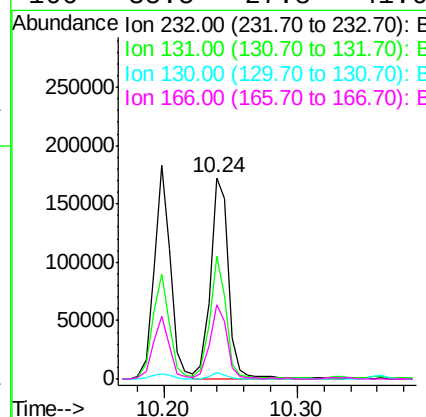
RT: 10.24 min Scan# 1386

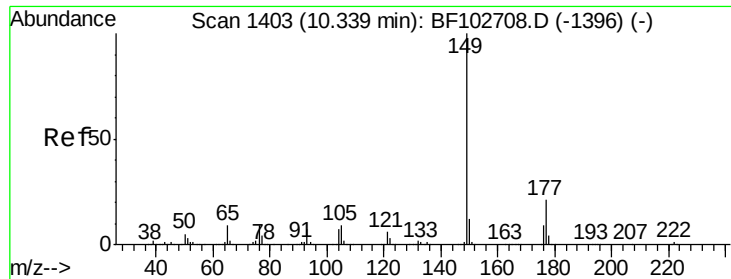
Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	232	Resp:	161034
Ion Ratio	Lower	Upper	
232	100		
131	54.3	43.8	65.8
130	2.5	2.1	3.1
166	35.5	27.8	41.6





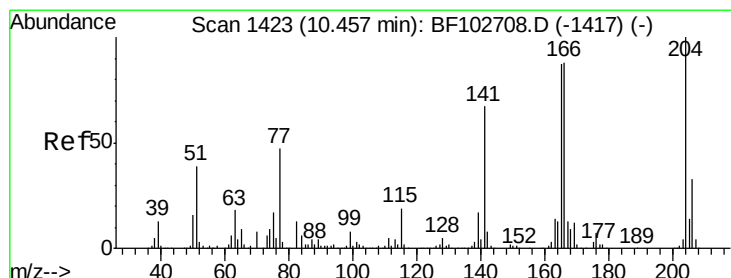
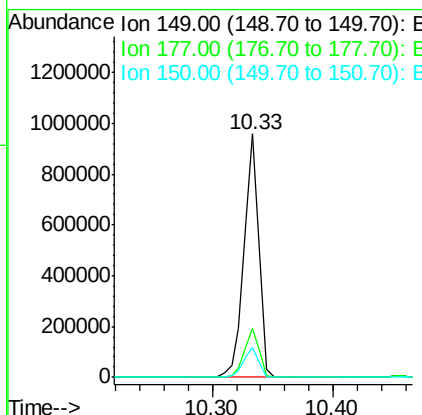
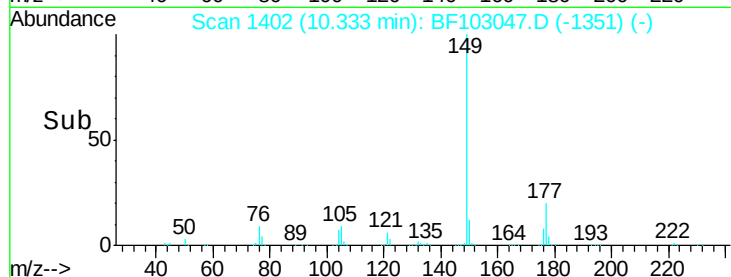
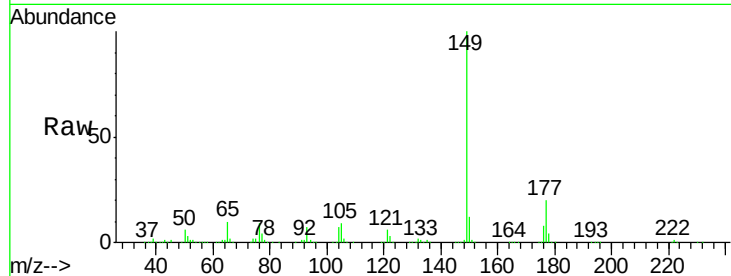
#59
Diethylphthalate
Concen: 32.301 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.1	24.1
150	12.1	10.1	15.1

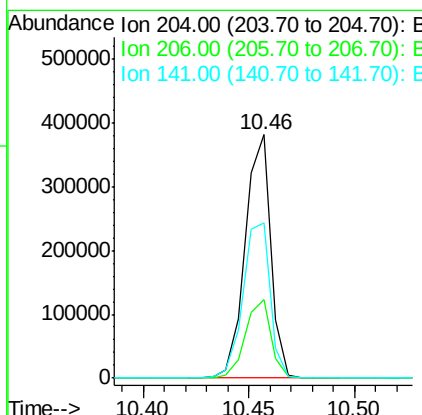
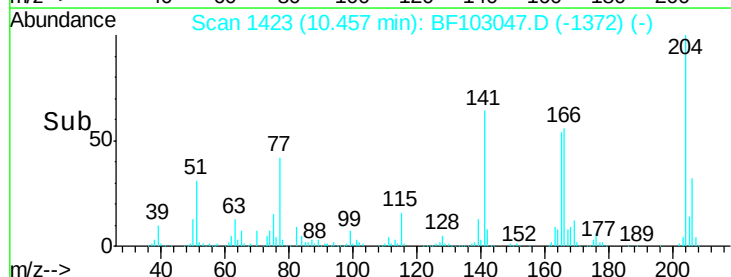
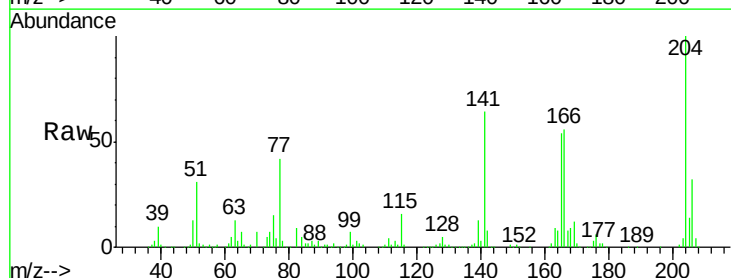
Manual Integrations
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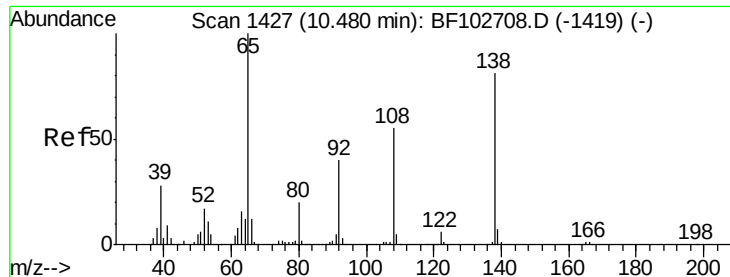
Sohil
2/19/2018 11:09:23 AM



#60
4-Chlorophenyl-phenylether
Concen: 34.669 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	63.6	54.6	81.8





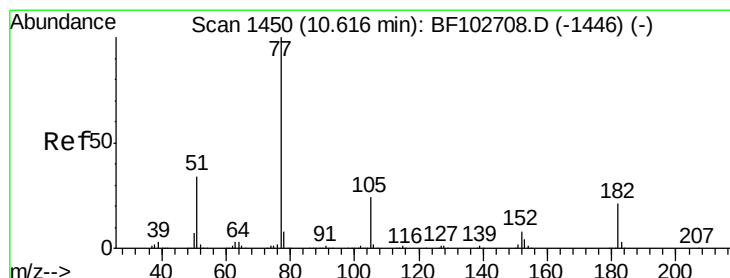
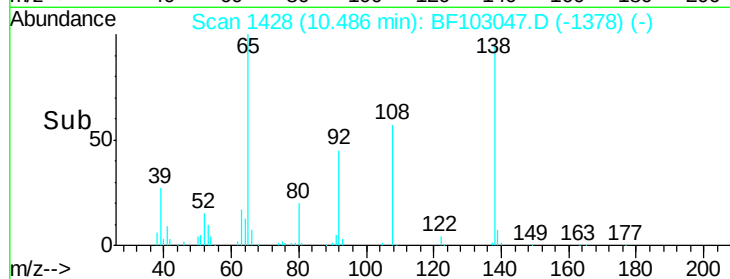
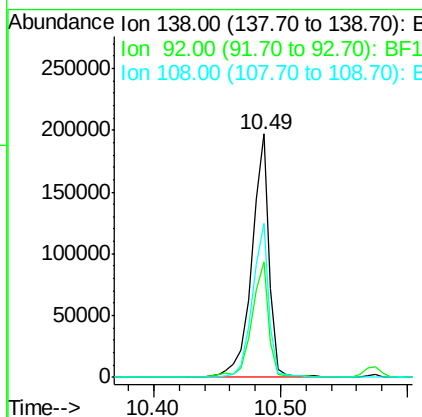
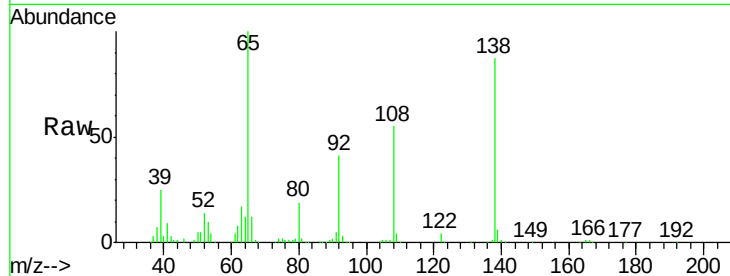
#61
4-Nitroaniline
Concen: 32.826 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampled :
PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	188931		
92	47.6	30.2	70.2	
108	63.0	52.5	92.5	

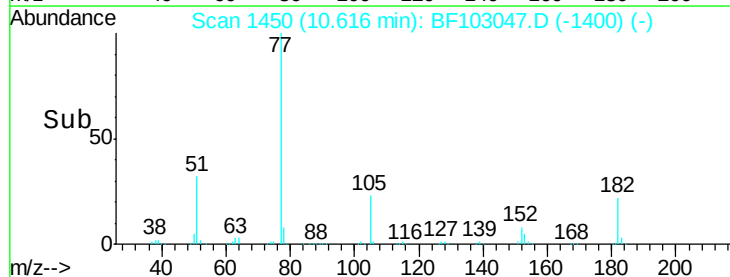
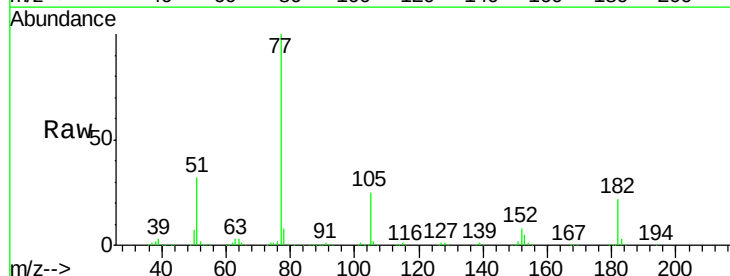
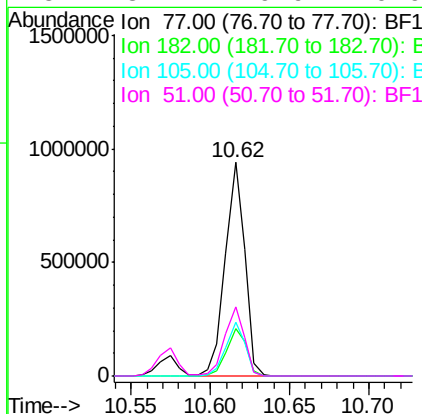
Manual Integrations
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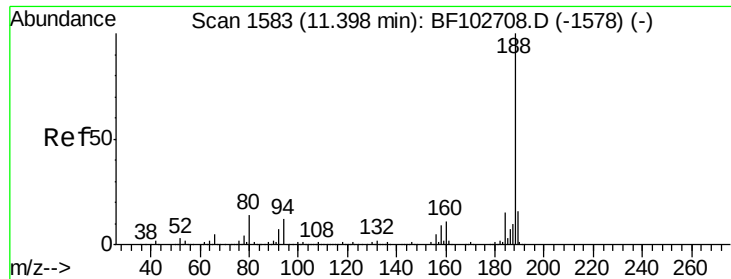
Sohil
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#62
Azobenzene
Concen: 31.646 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	806320		
182	22.0	1.7	41.7	
105	24.9	3.0	43.0	
51	32.4	9.9	49.9	





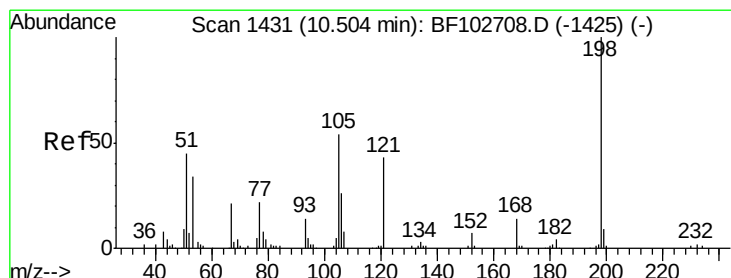
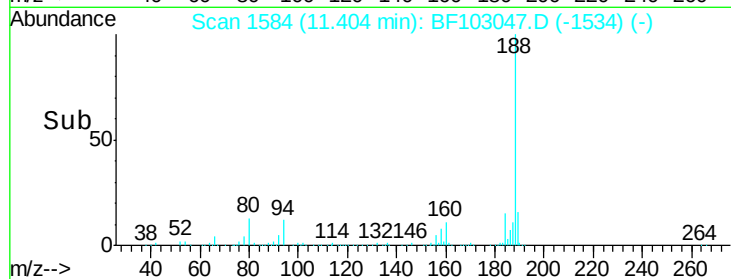
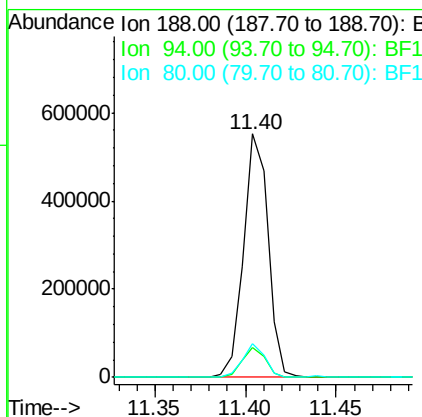
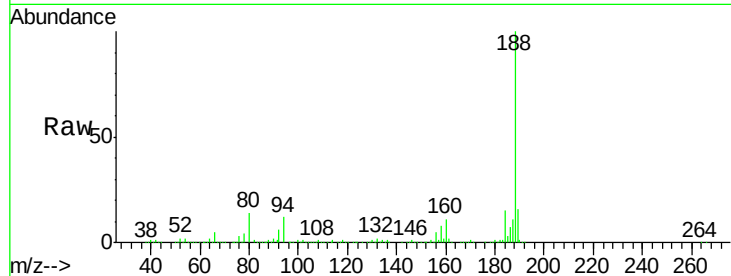
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	519556		
94	12.3		8.5	12.7
80	13.7		9.2	13.8

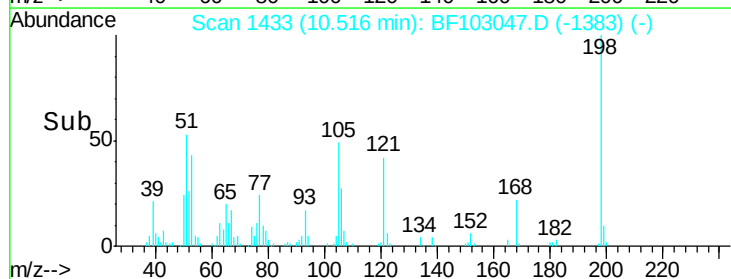
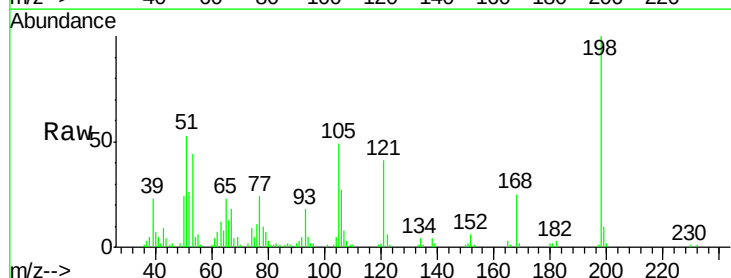
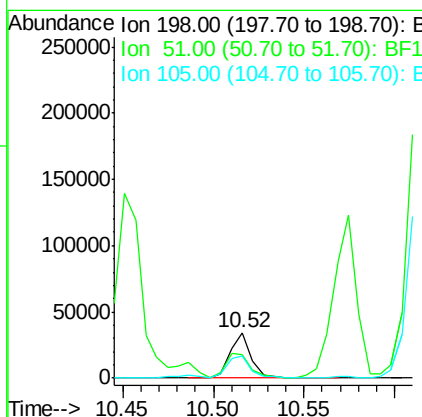
Manual Integrations
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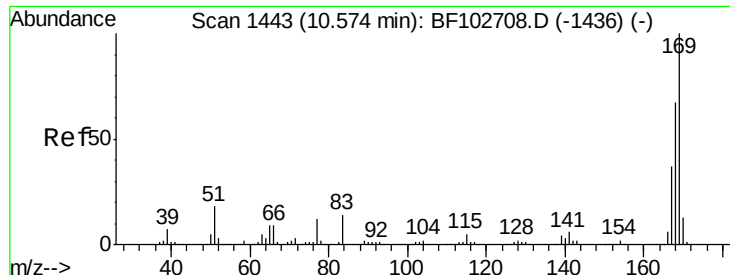
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.338 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	27995		
51	52.6		37.7	77.7
105	49.5		36.3	76.3





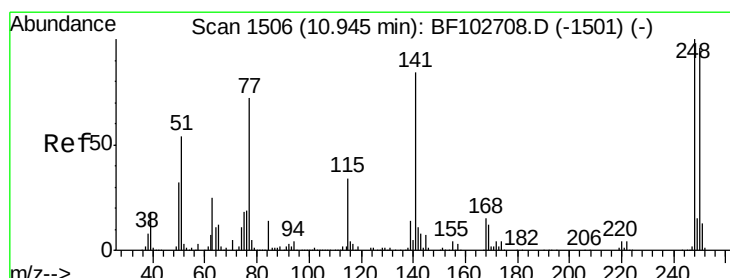
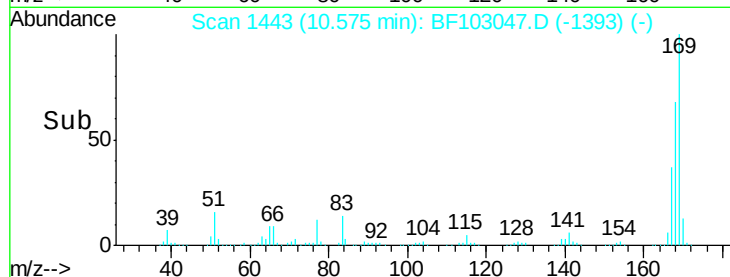
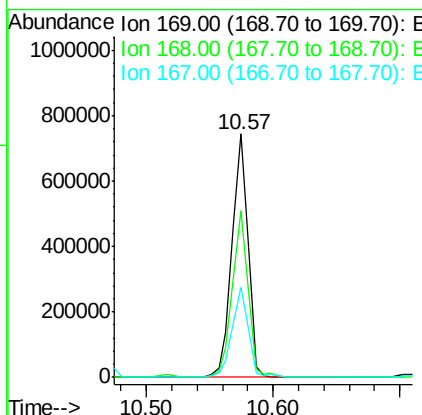
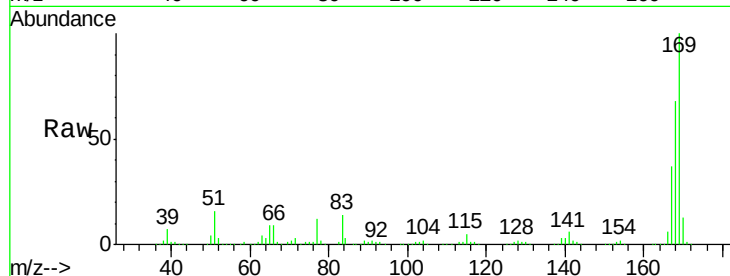
#65
 n-Nitrosodiphenylamine
 Concen: 35.086 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	68.5	54.4	81.6
167	37.1	29.8	44.6

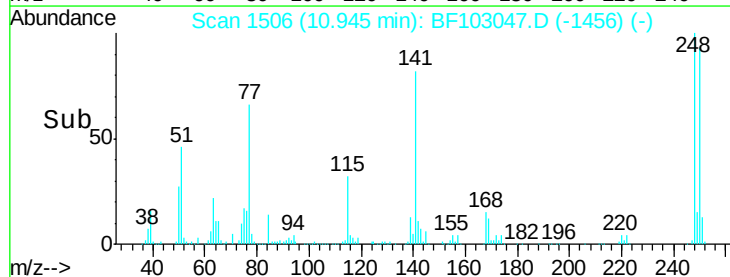
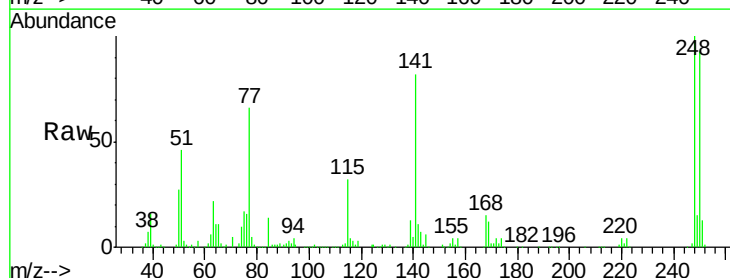
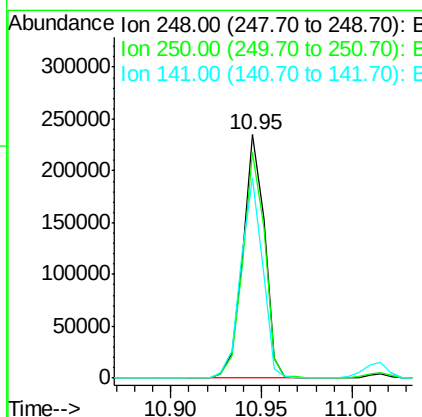
Manual Integrations
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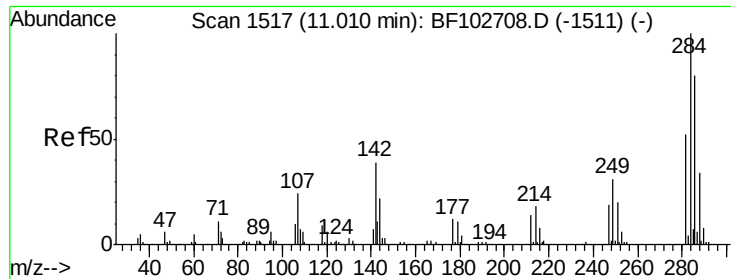
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 35.571 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	92.9	76.9	115.3
141	81.9	74.4	111.6





#67

Hexachlorobenzene

Concen: 32.186 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

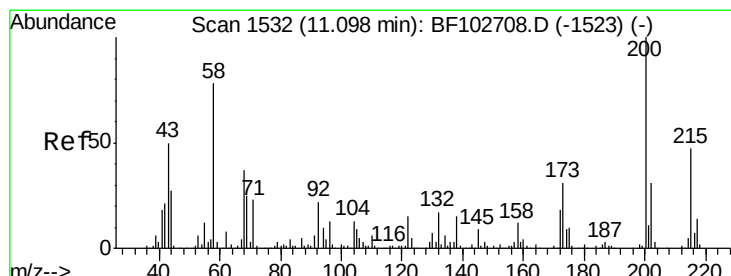
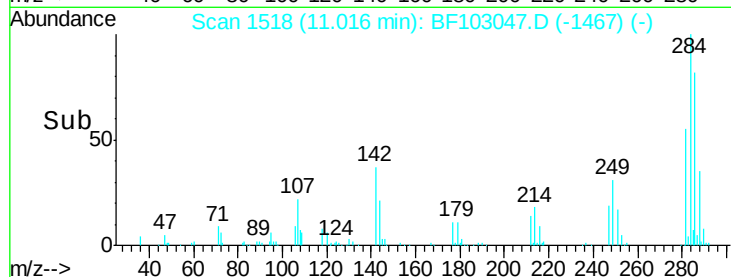
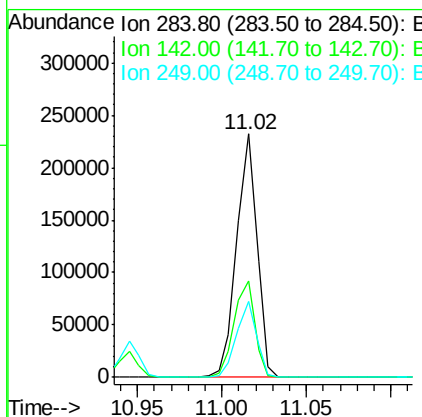
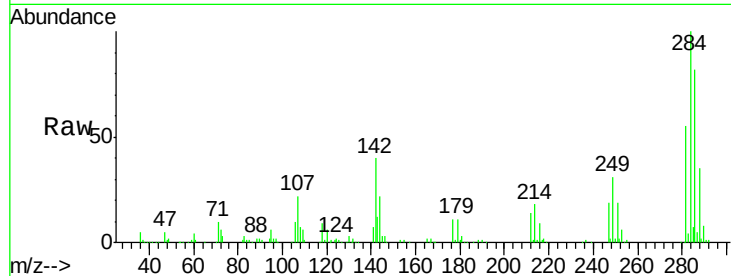
ClientSampleId :

PB106606BS

Tgt Ion:	284	Resp:	195148
Ion Ratio	Lower	Upper	
284	100		
142	39.5	34.6	52.0
249	31.4	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 36.070 ng

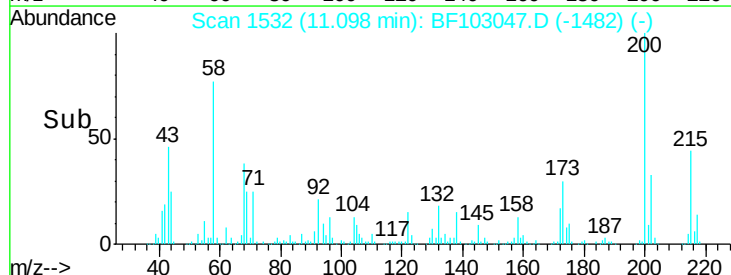
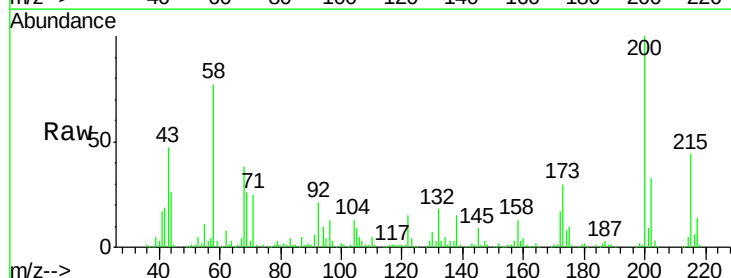
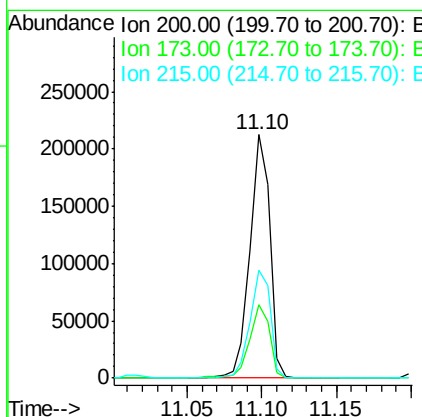
RT: 11.10 min Scan# 1532

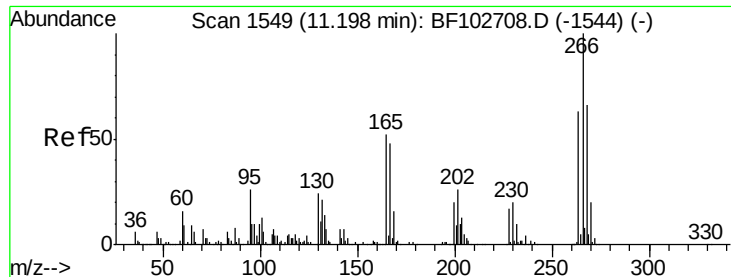
Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	200	Resp:	195010
Ion Ratio	Lower	Upper	
200	100		
173	30.4	8.6	48.6
215	44.3	25.1	65.1





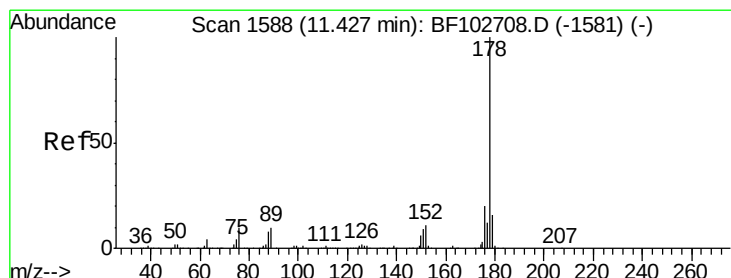
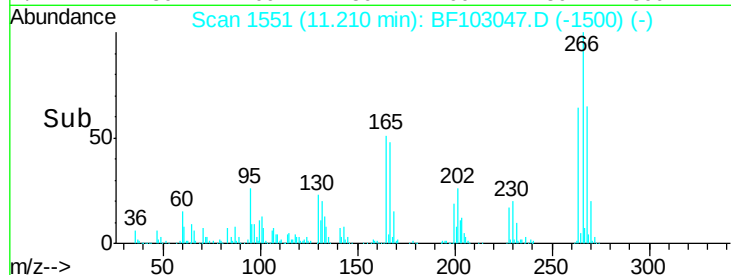
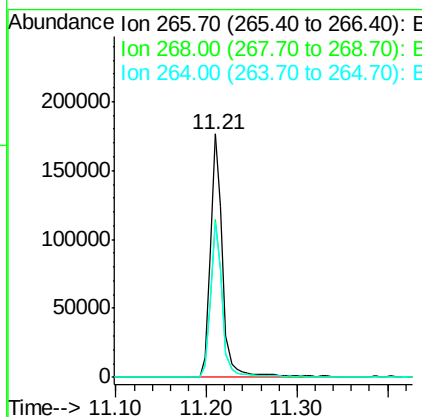
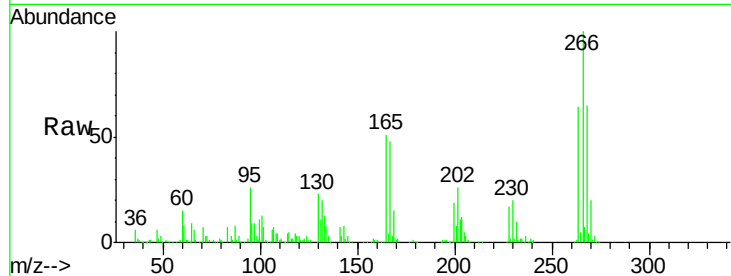
#69
 Pentachlorophenol
 Concen: 47.513 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	169104		
268	64.8	51.1	76.7	
264	63.5	49.5	74.3	

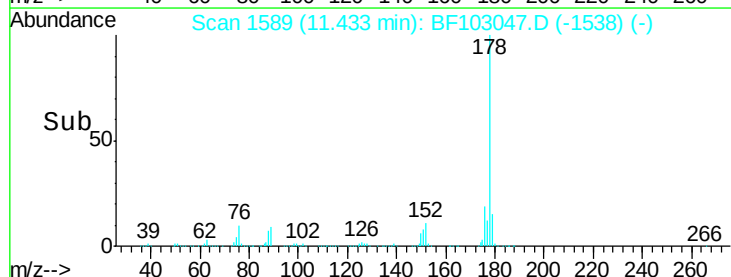
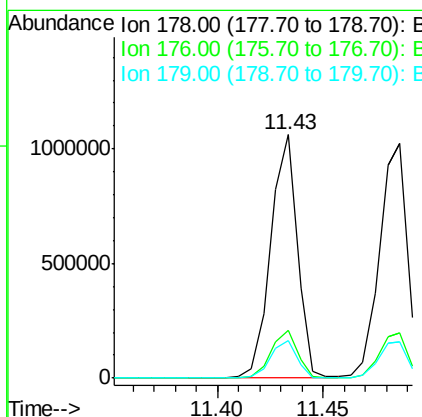
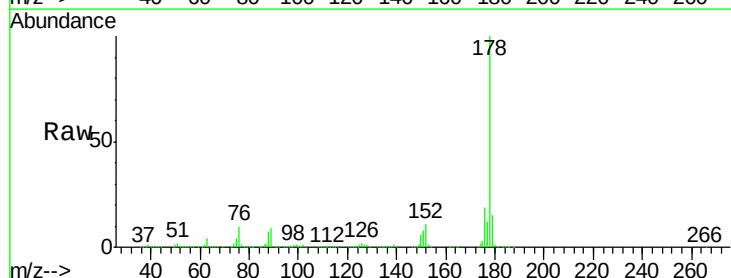
Manual Integrations
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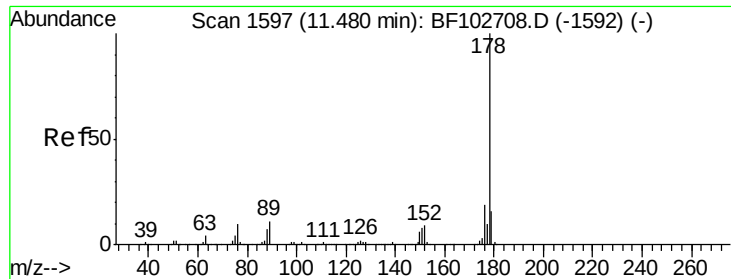
Sohil
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#70
 Phenanthrene
 Concen: 32.314 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	935038		
176	19.4	15.8	23.8	
179	15.3	13.0	19.6	





#71

Anthracene

Concen: 32.546 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

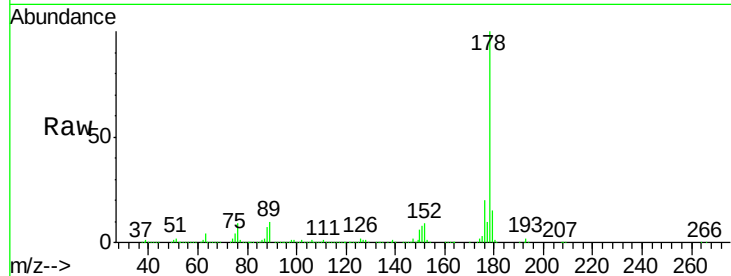
ClientSampleId :

PB106606BS

Tgt Ion:	178	Resp:	957840
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.2
179	15.4	12.6	19.0

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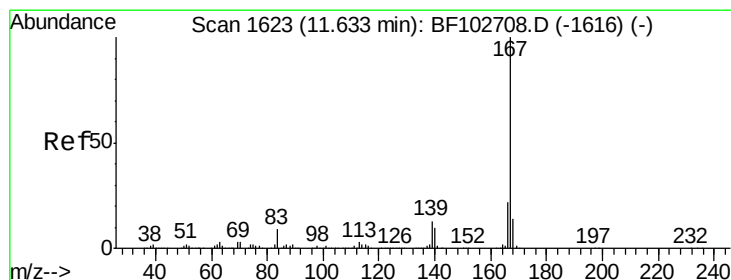
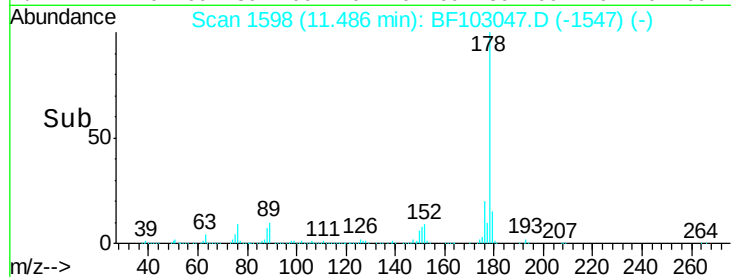
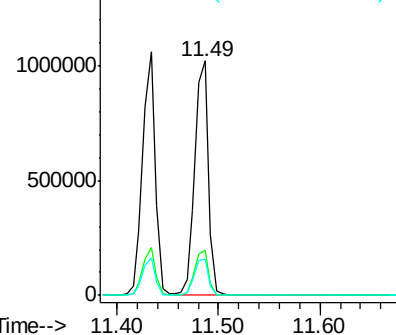
Sohil
2/19/2018 11:09:23 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.396 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103047.D

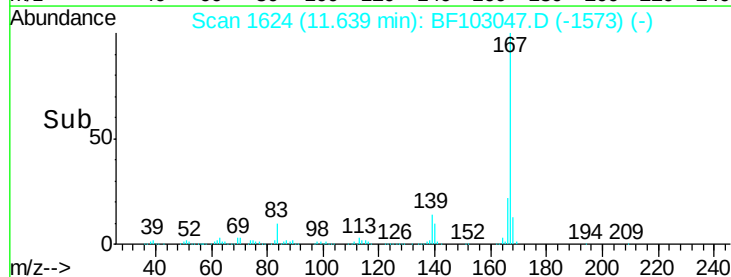
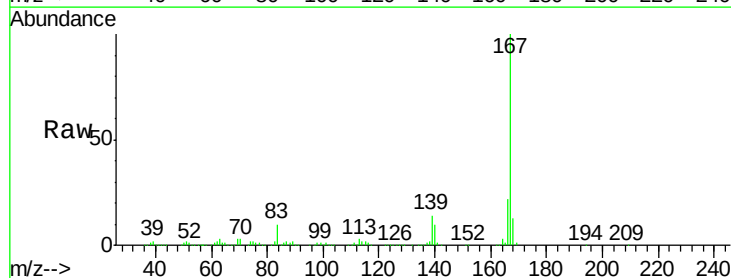
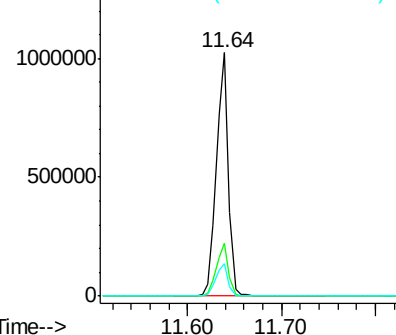
Acq: 16 Feb 2018 12:58

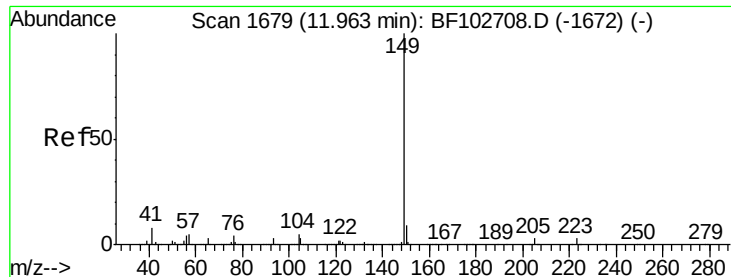
Tgt Ion:	167	Resp:	905233
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	13.5	10.9	16.3

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.739 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

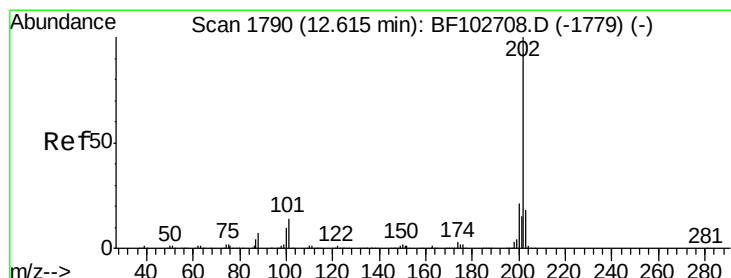
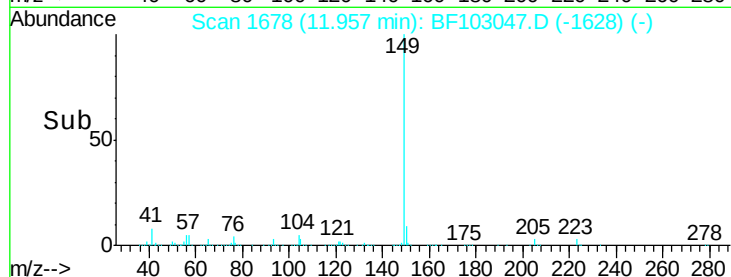
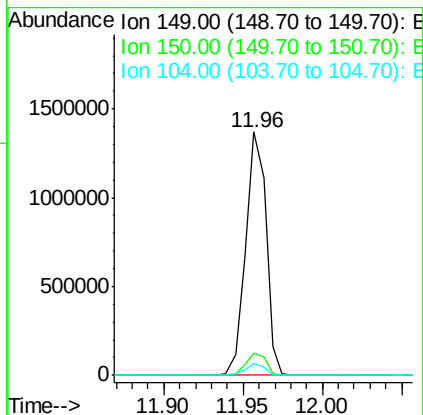
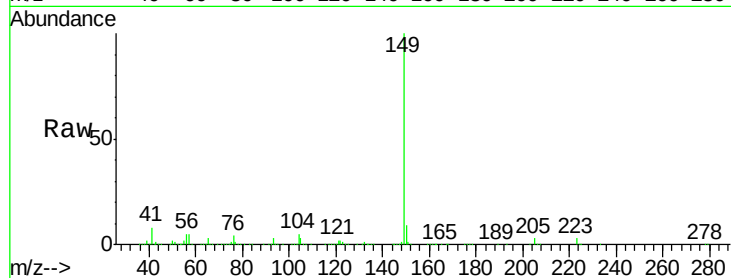
ClientSampleId :

PB106606BS

Tgt Ion:	149	Resp:	1216710
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 29.265 ng

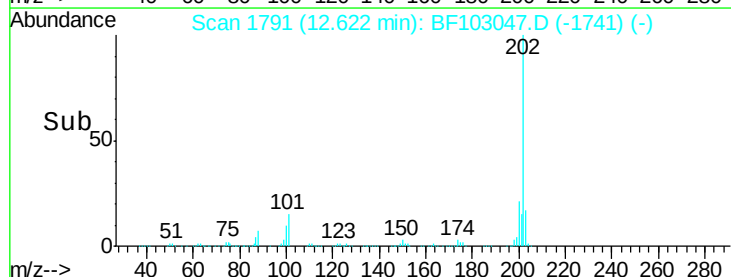
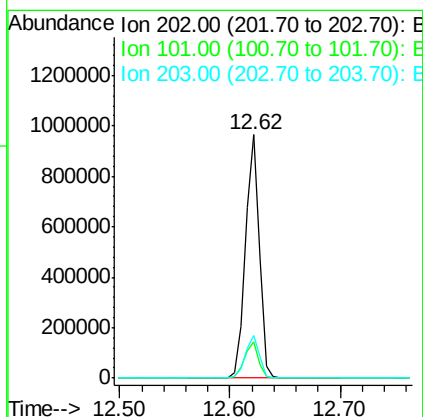
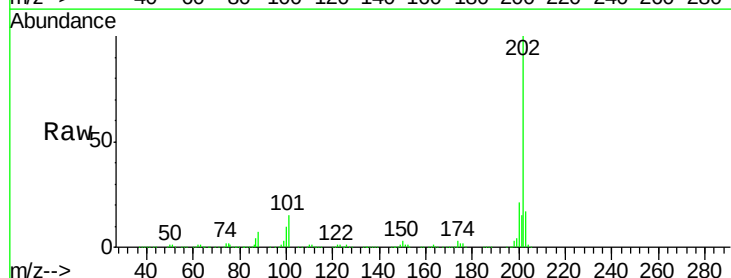
RT: 12.62 min Scan# 1791

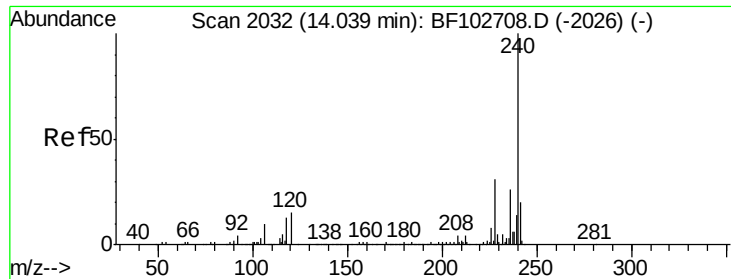
Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Tgt Ion:	202	Resp:	851975
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

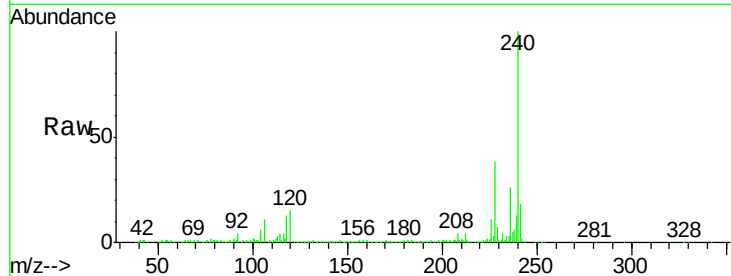
ClientSampleId :

PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	328546		
120	15.3	9.5	14.3#	
236	25.5	20.7	31.1	

Manual Integrations
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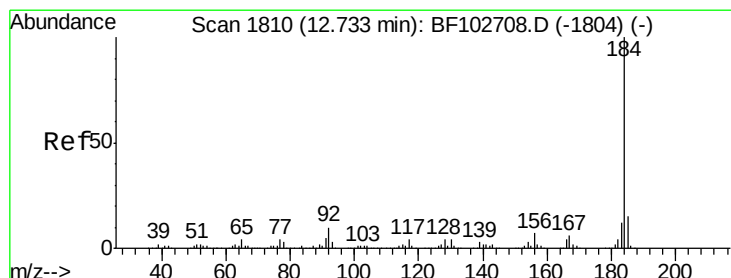
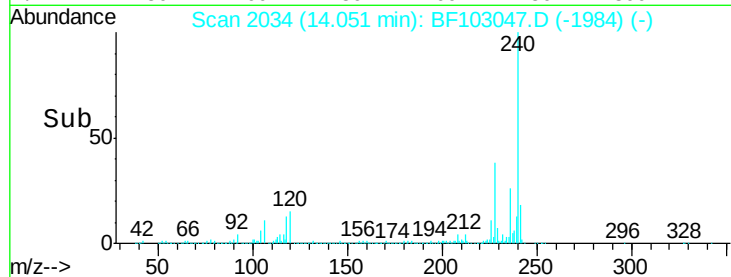
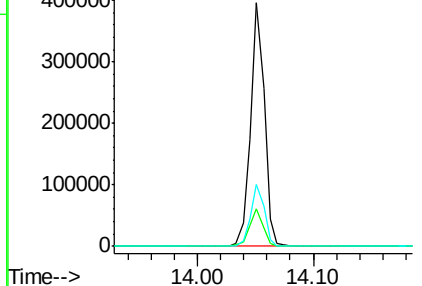
Sohil
2/19/2018 11:09:23 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.909 ng

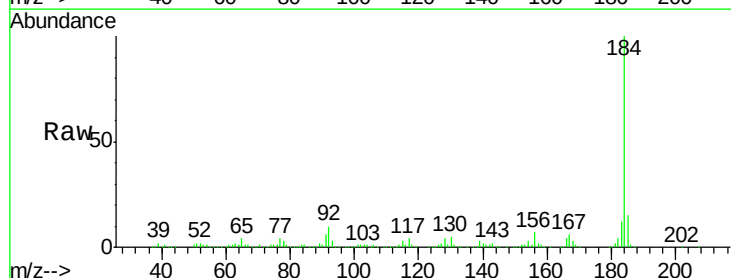
RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

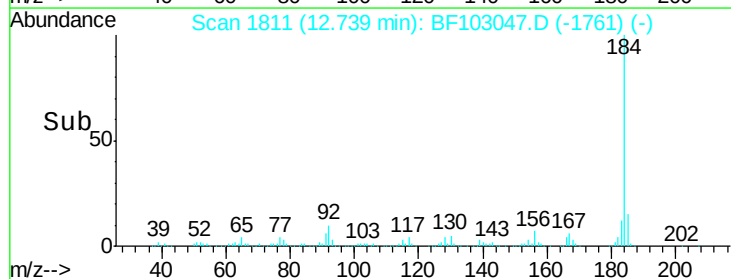
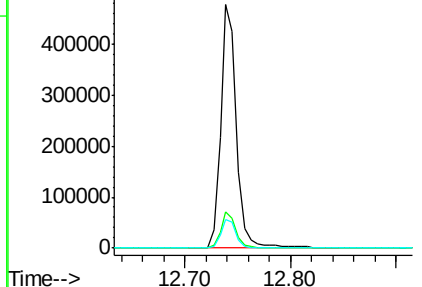
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	496923		
185	14.7	12.6	18.8	
183	11.6	9.3	13.9	

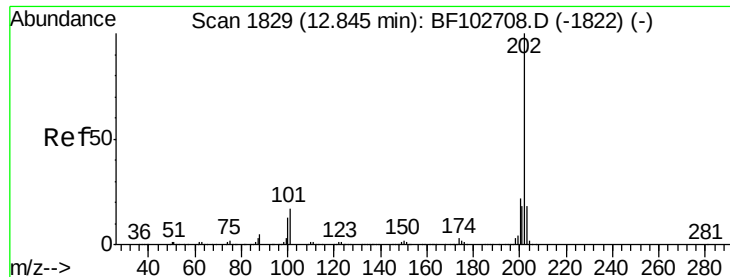


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.321 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

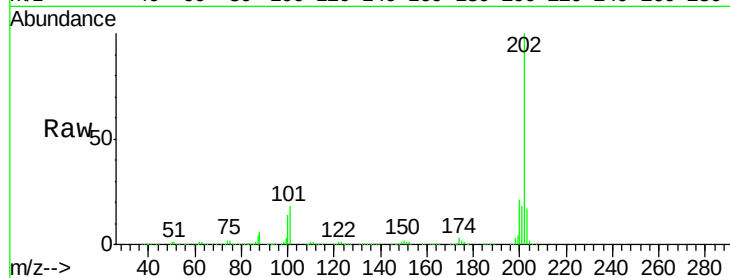
ClientSampleId :

PB106606BS

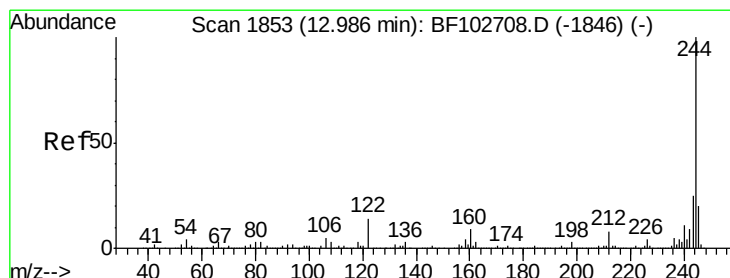
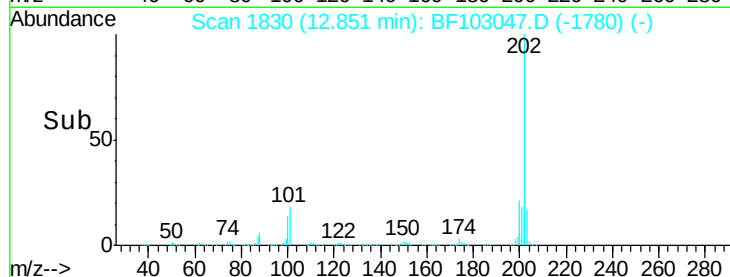
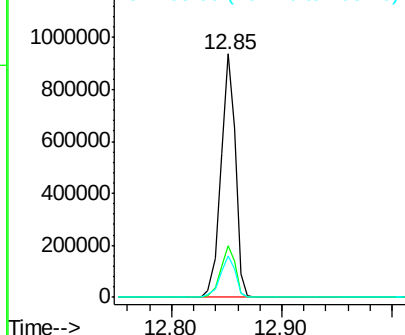
Tgt Ion:	202	Resp:	858457
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.2	14.3	21.5

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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: 74.901 ng

RT: 12.99 min Scan# 1853

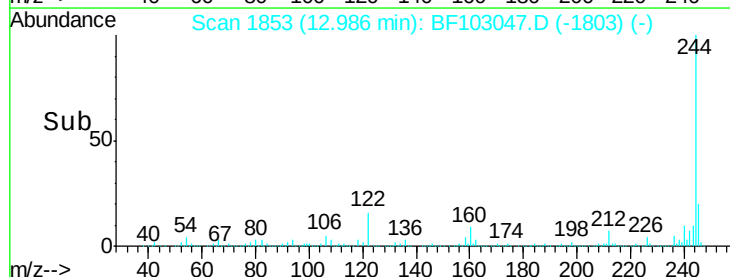
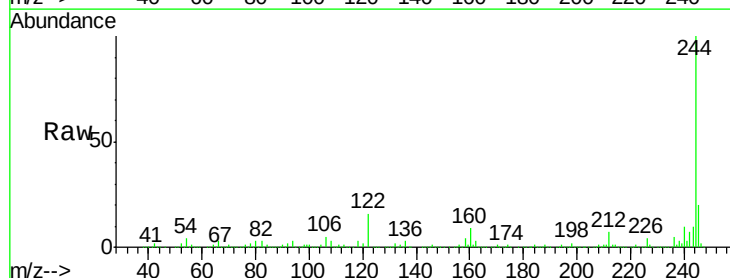
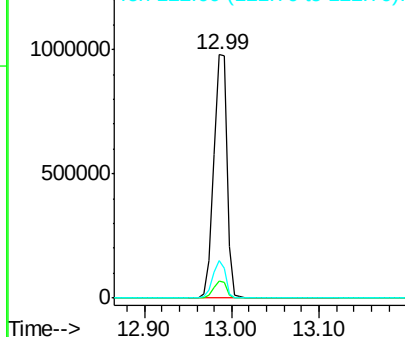
Delta R.T. -0.01 min

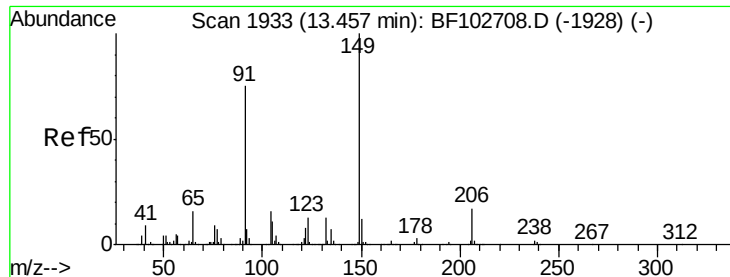
Lab File: BF103047.D

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Tgt Ion:	244	Resp:	1039309
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	15.5	11.0	16.4

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





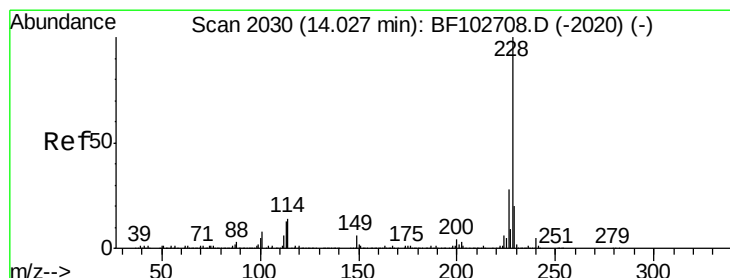
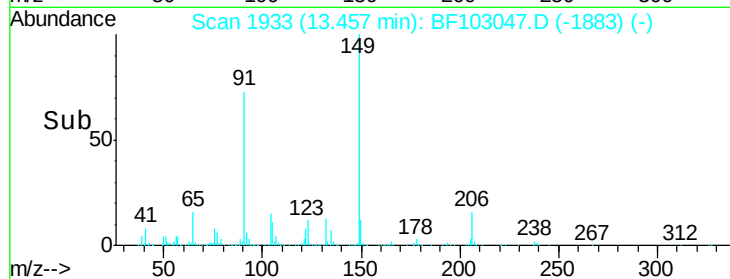
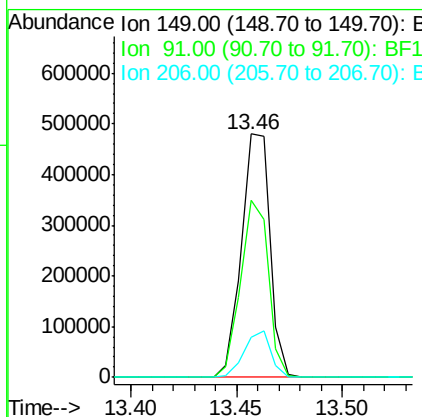
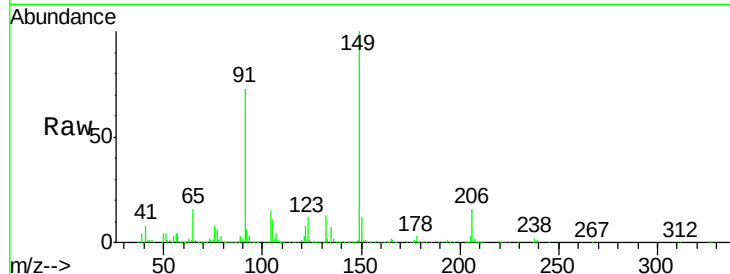
#79
Butylbenzylphthalate
Concen: 36.805 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.8	56.8	85.2
206	16.4	14.1	21.1

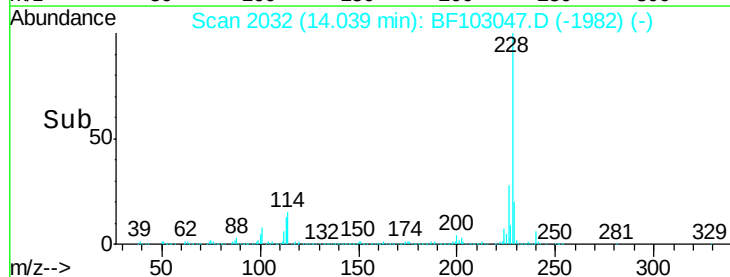
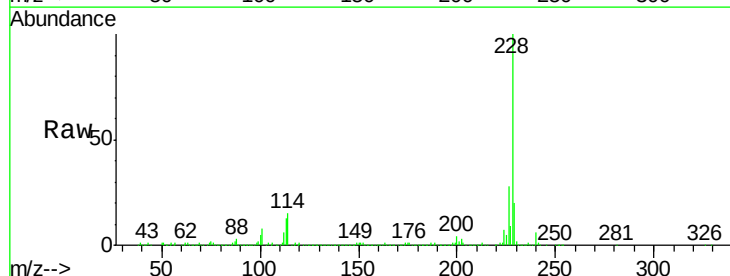
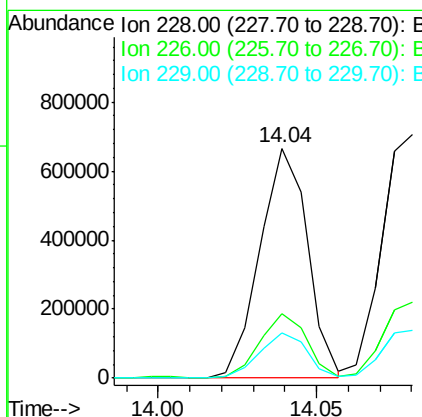
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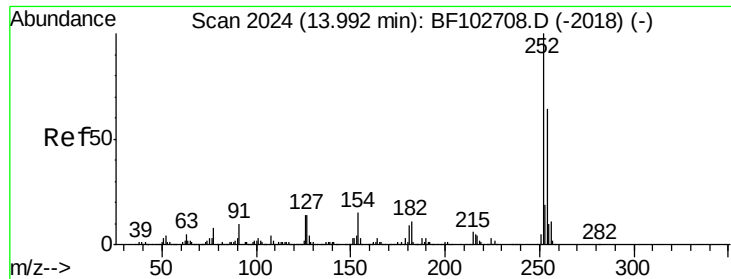
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#80
Benzo(a)anthracene
Concen: 33.691 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6





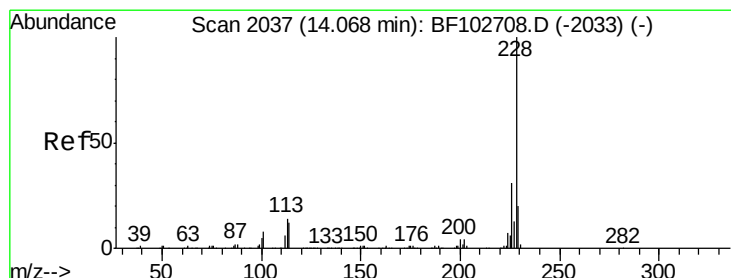
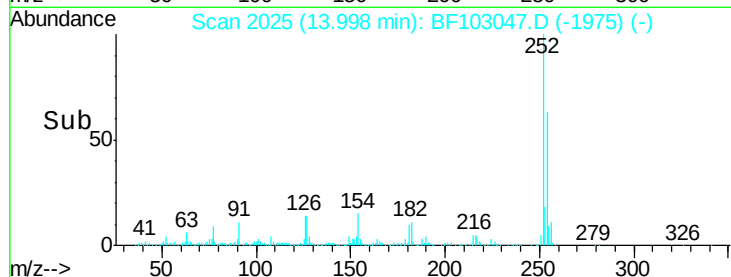
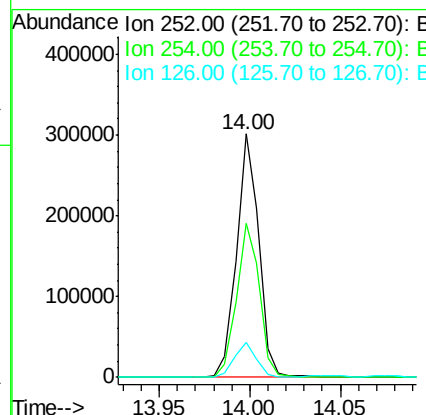
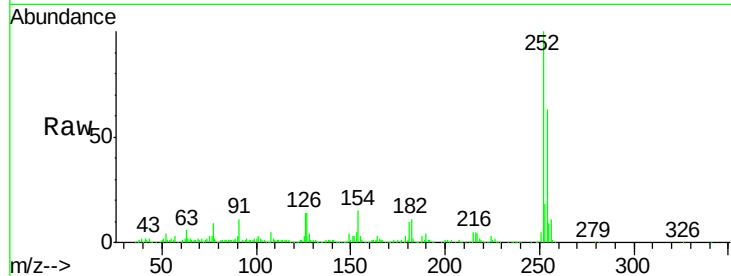
#81
 3,3'-Dichlorobenzidine
 Concen: 33.797 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	258921		
254	63.1	50.4	75.6	
126	14.4	11.3	16.9	

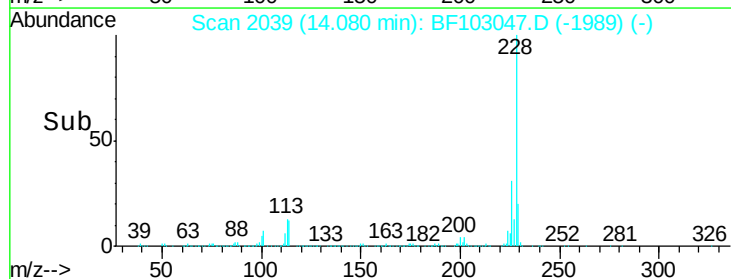
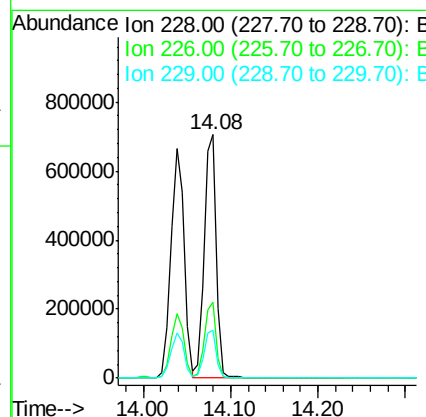
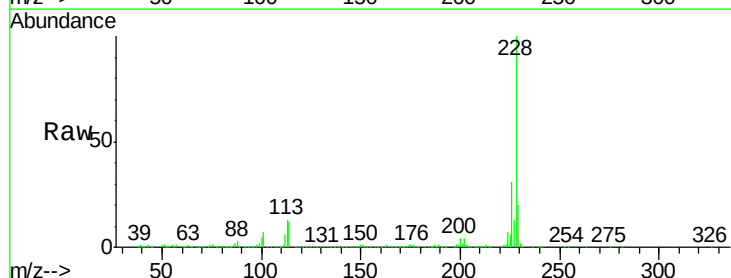
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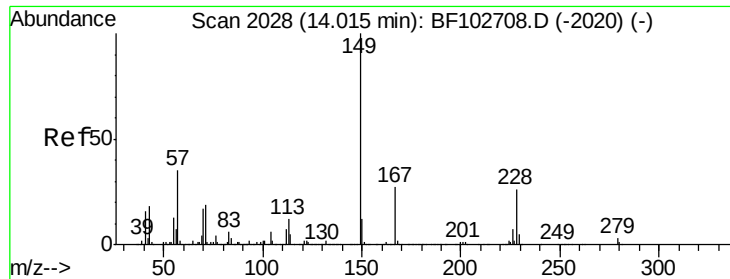
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#82
 Chrysene
 Concen: 32.342 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	673652		
226	31.1	25.0	37.6	
229	19.8	16.2	24.4	





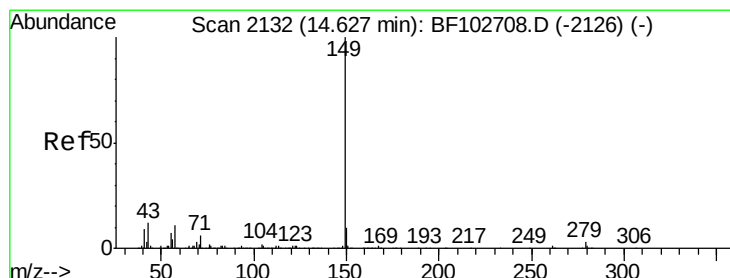
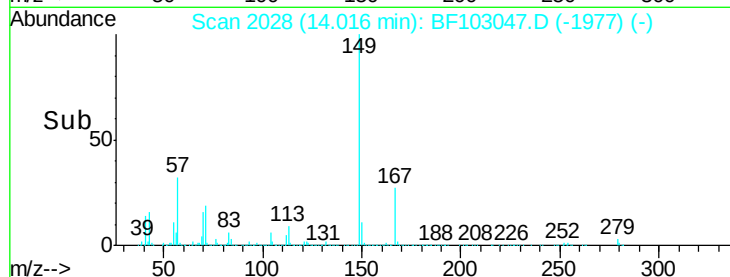
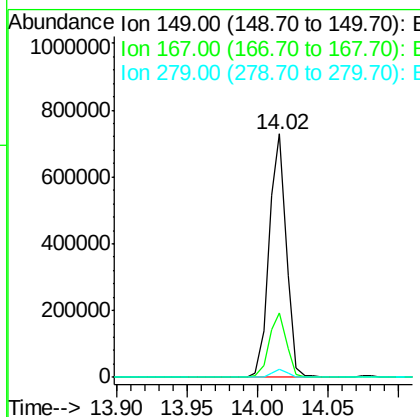
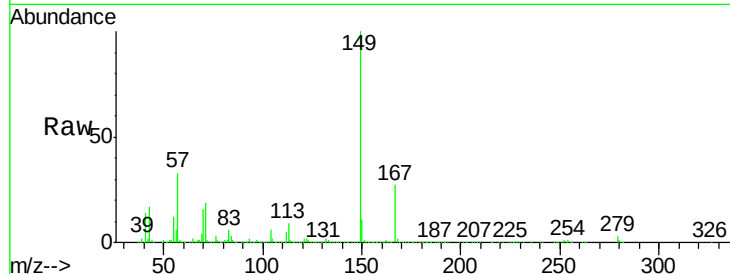
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.531 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.3	3.0	4.4

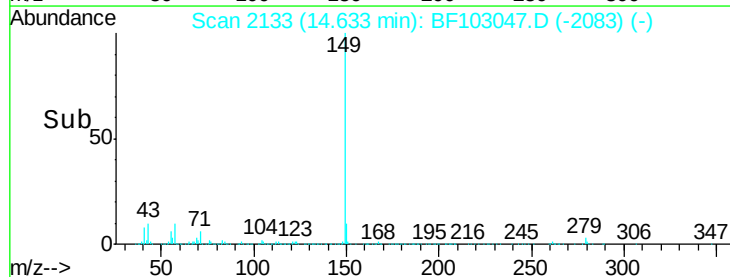
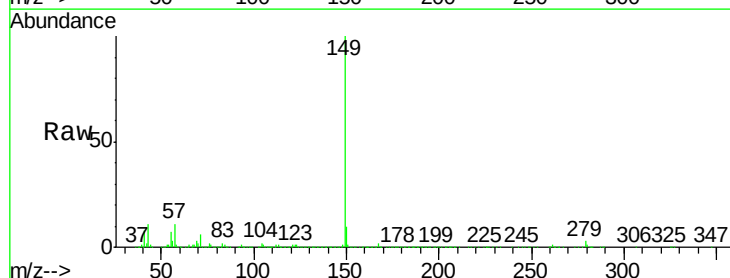
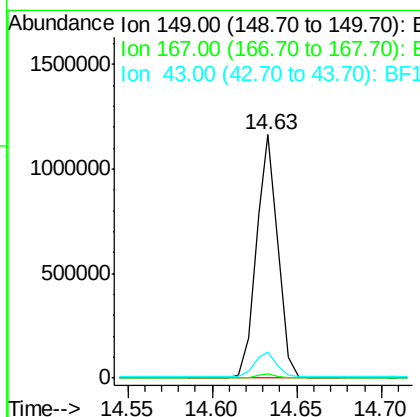
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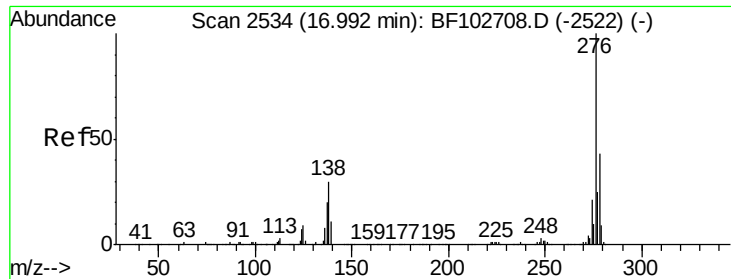
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#84
 Di-n-octyl phthalate
 Concen: 43.252 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.4	12.6





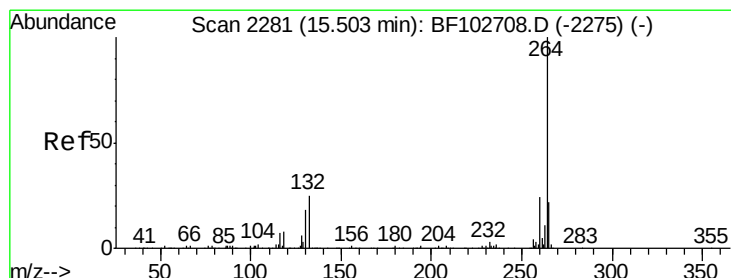
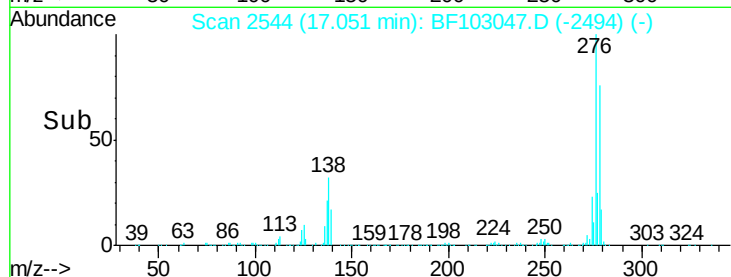
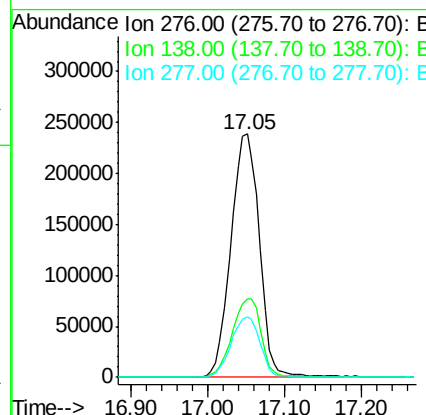
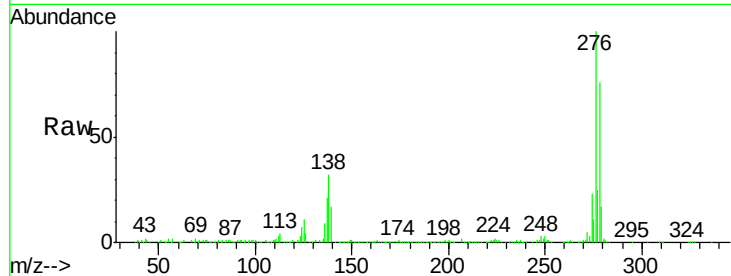
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.747 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB106606BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.6
277	25.5	20.1	30.1

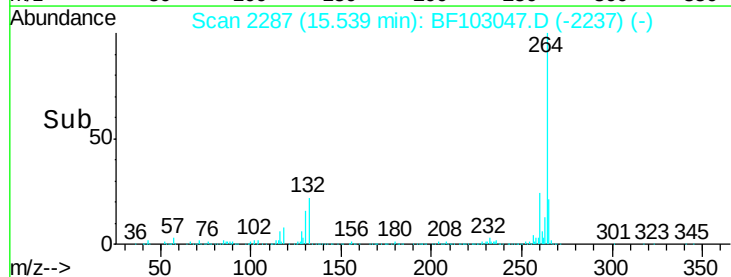
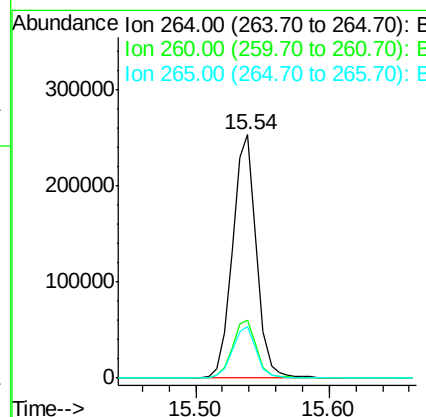
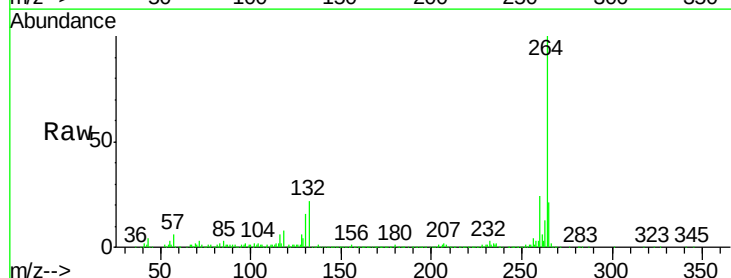
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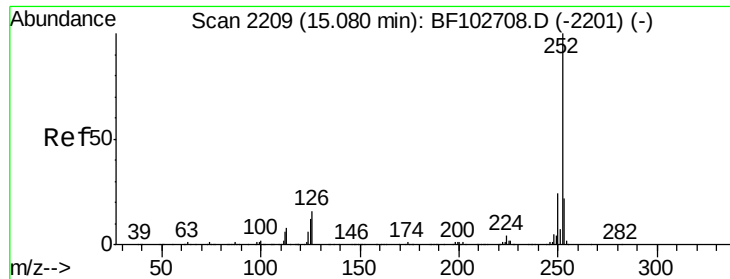
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103047.D
 Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3





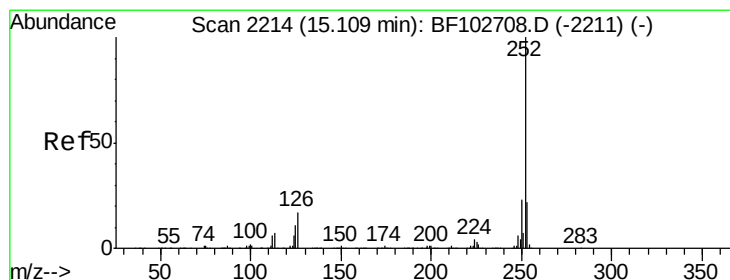
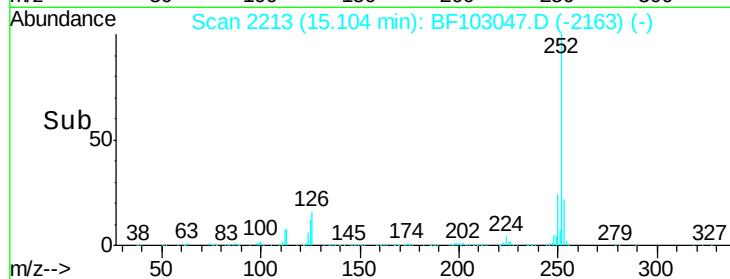
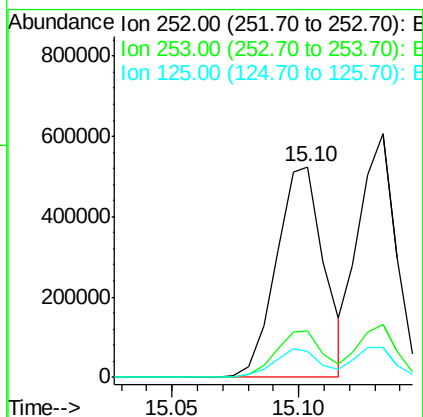
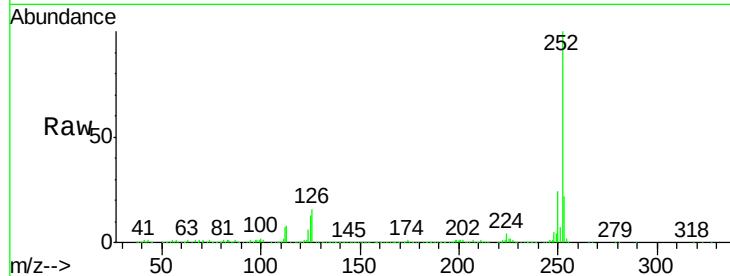
#87
Benzo(b)fluoranthene
Concen: 33.384 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.6	9.0	13.6

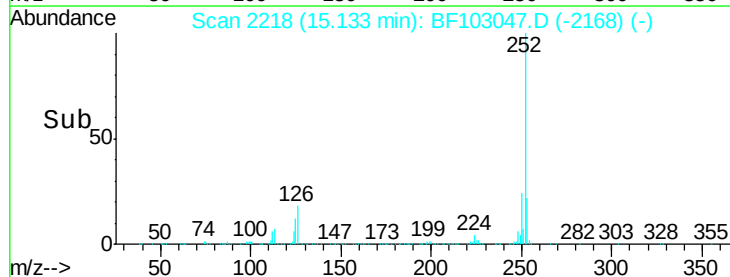
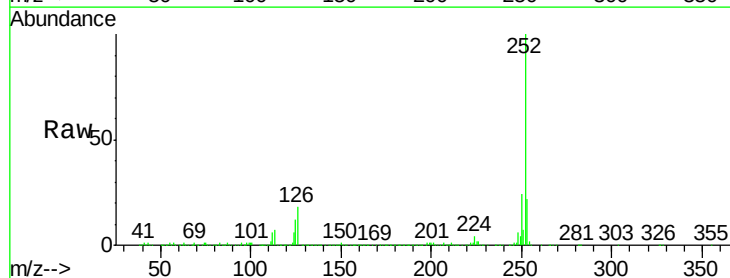
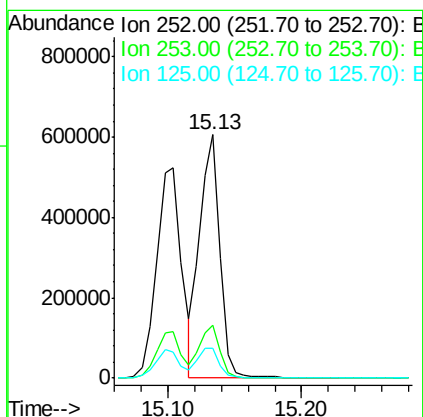
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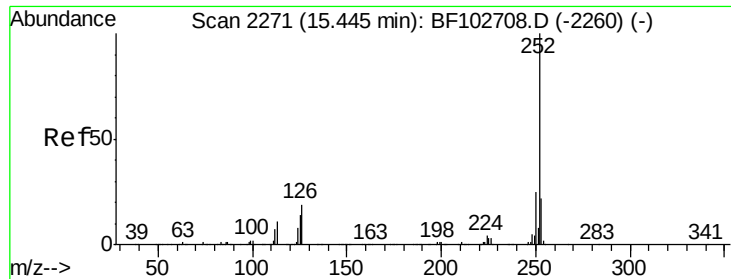
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#88
Benzo(k)fluoranthene
Concen: 32.003 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.2	10.2	15.2





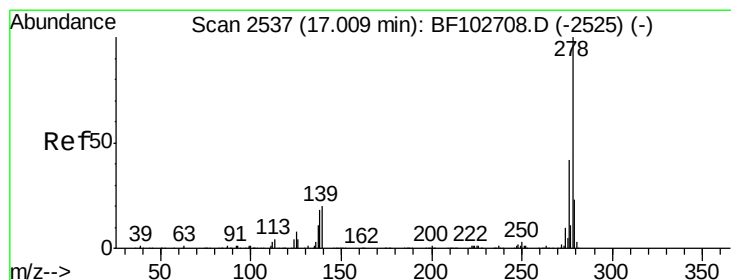
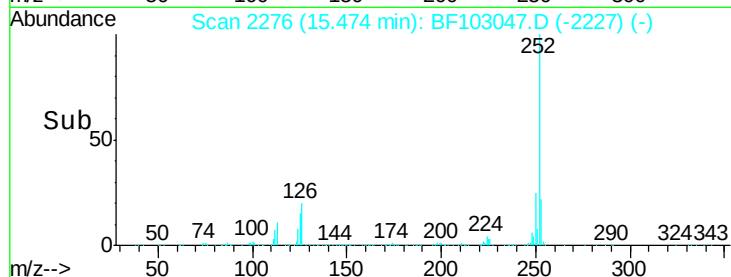
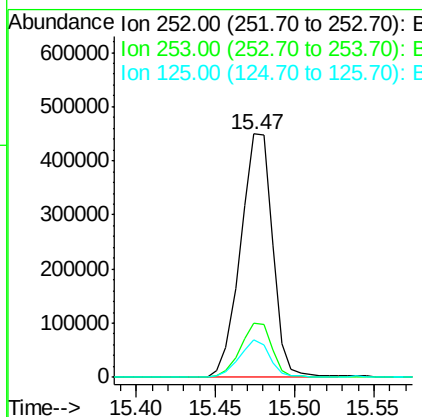
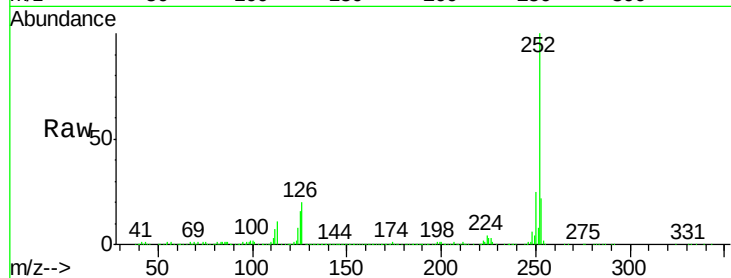
#89
Benzo(a)pyrene
Concen: 34.045 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Instrument :
BNA_F
ClientSampleId :
PB106606BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	15.6	9.8	14.6

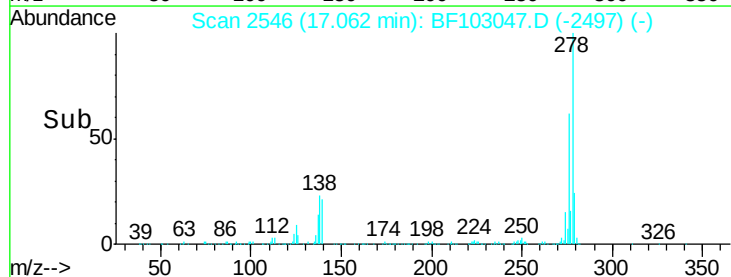
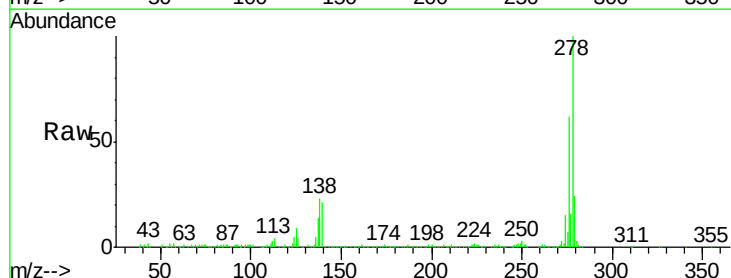
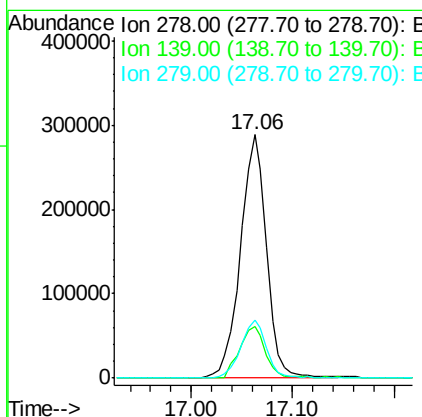
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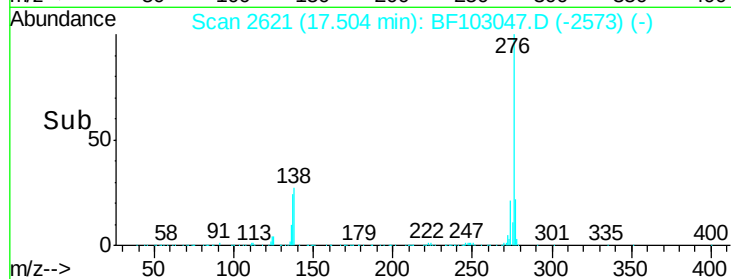
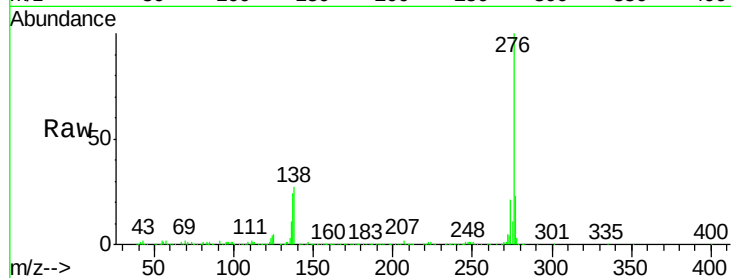
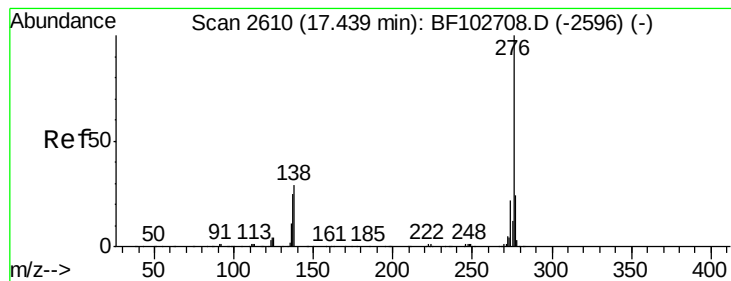
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#90
Dibenzo(a,h)anthracene
Concen: 34.221 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103047.D
Acq: 16 Feb 2018 12:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	23.8	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 34.467 ng

RT: 17.50 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF103047.D

Acq: 16 Feb 2018 12:58

Instrument :

BNA_F

ClientSampleId :

PB106606BS

Tgt Ion: 276 Resp: 506994

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 27.2 21.8 32.8

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