

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103800.D
 Acq On : 20 Mar 2018 14:26
 Operator : JU/SJ
 Sample : PB107480BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:57:24 PM

Quant Time: Mar 21 12:30:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147953	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	613164	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	290659	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	512502	20.00	ng	0.01
75) Chrysene-d12	14.16	240	382472	20.00	ng	0.01
86) Perylene-d12	15.70	264	356429	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	984507	101.21	ng	0.02
7) Phenol-d6	6.60	99	1163201	97.74	ng	0.01
23) Nitrobenzene-d5	7.53	82	718022	81.66	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	296715	118.73	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1336255	73.33	ng	0.00
78) Terphenyl-d14	13.10	244	1315356	79.83	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	160467	33.502	ng	# 89
3) Pyridine	3.67	79	449390	34.111	ng	88
4) n-Nitrosodimethylamine	3.63	42	170052	35.007	ng	# 79
6) Aniline	6.63	93	308387	18.147	ng	95
8) 2-Chlorophenol	6.76	128	371055	36.414	ng	95
9) Benzaldehyde	6.52	77	114815	14.685	ng	97
10) Phenol	6.61	94	436993	34.556	ng	94
11) bis(2-Chloroethyl)ether	6.70	93	351882	33.707	ng	94
12) 1,3-Dichlorobenzene	6.91	146	390363	33.635	ng	98
13) 1,4-Dichlorobenzene	6.99	146	394678	33.842	ng	99
14) 1,2-Dichlorobenzene	7.15	146	366696	33.884	ng	98
15) Benzyl Alcohol	7.11	79	313951	34.048	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	461764	31.099	ng	94
17) 2-Methylphenol	7.22	107	313206	34.515	ng	97
18) Hexachloroethane	7.48	117	142286	34.685	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	239286	31.374	ng	92
20) 3+4-Methylphenols	7.36	107	383848	33.331	ng	99
22) Acetophenone	7.38	105	486880	30.896	ng	# 93
24) Nitrobenzene	7.55	77	381929	36.999	ng	98
25) Isophorone	7.79	82	695754	34.182	ng	99
26) 2-Nitrophenol	7.87	139	202426	50.845	ng	92
27) 2,4-Dimethylphenol	7.90	122	346373	39.722	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	449832	36.496	ng	99
29) 2,4-Dichlorophenol	8.10	162	309196	38.975	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	315853	34.327	ng	98
31) Naphthalene	8.28	128	1048536	33.852	ng	99
32) Benzoic acid	7.90	122	346373	54.584	ng	# 13
33) 4-Chloroaniline	8.32	127	204233	15.717	ng	97
34) Hexachlorobutadiene	8.39	225	177414	35.167	ng	98
35) Caprolactam	8.69	113	100154m	36.663	ng	
36) 4-Chloro-3-methylphenol	8.80	107	342948	39.213	ng	94
37) 2-Methylnaphthalene	8.97	142	735274	37.433	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	300201	36.203	ng	99
40) Hexachlorocyclopentadiene	9.12	237	363452	84.943	ng	100

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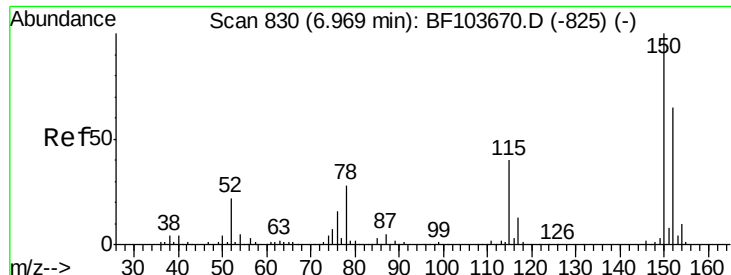
Manual Integrations
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 3/22/2018 12:57:24 PM

Quant Time: Mar 21 12:30:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	222440	41.939	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	238696	39.873	ng	95
45) 1,1'-Biphenyl	9.43	154	852885	35.190	ng	99
46) 2-Chloronaphthalene	9.46	162	686139	35.643	ng	100
47) 2-Nitroaniline	9.55	65	215116	43.467	ng	97
48) Acenaphthylene	9.88	152	985481	33.013	ng	100
49) Dimethylphthalate	9.73	163	780605	35.201	ng	100
50) 2,6-Dinitrotoluene	9.79	165	173109	40.988	ng	96
51) Acenaphthene	10.05	154	591610	33.378	ng	99
52) 3-Nitroaniline	9.96	138	135555	28.085	ng	95
53) 2,4-Dinitrophenol	10.07	184	28931	37.813	ng	# 16
54) Dibenzofuran	10.22	168	877523	34.664	ng	99
55) 4-Nitrophenol	10.12	139	304145	75.229	ng	93
56) 2,4-Dinitrotoluene	10.20	165	231300	43.264	ng	95
57) Fluorene	10.57	166	671087	34.163	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	166995	39.368	ng	94
59) Diethylphthalate	10.43	149	752273	34.179	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	316003	35.200	ng	98
61) 4-Nitroaniline	10.58	138	195416	40.157	ng	96
62) Azobenzene	10.72	77	706386	31.567	ng	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	42422	29.322	ng	91
65) n-Nitrosodiphenylamine	10.67	169	609847	34.959	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	195303	37.115	ng	93
67) Hexachlorobenzene	11.12	284	210215	35.002	ng	# 89
68) Atrazine	11.20	200	195827	36.289	ng	98
69) Pentachlorophenol	11.30	266	157457	45.603	ng	97
70) Phenanthrene	11.53	178	981261	35.001	ng	99
71) Anthracene	11.59	178	1009751	35.462	ng	100
72) Carbazole	11.74	167	939889	33.961	ng	99
73) Di-n-butylphthalate	12.06	149	1209125	36.411	ng	100
74) Fluoranthene	12.73	202	1055038	36.529	ng	99
76) Benzidine	12.84	184	543525	33.319	ng	98
77) Pyrene	12.96	202	1069200	38.065	ng	100
79) Butylbenzylphthalate	13.56	149	493615	39.665	ng	99
80) Benzo(a)anthracene	14.15	228	865353	35.743	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	160642	19.837	ng	# 97
82) Chrysene	14.19	228	845975	36.656	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	688698	38.738	ng	99
84) Di-n-octyl phthalate	14.75	149	1038486	40.151	ng	# 61
85) Indeno(1,2,3-cd)pyrene	17.27	276	731937	36.316	ng	99
87) Benzo(b)fluoranthene	15.24	252	781635	34.711	ng	98
88) Benzo(k)fluoranthene	15.27	252	775985	35.849	ng	99
89) Benzo(a)pyrene	15.64	252	718199	35.164	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	602044	34.042	ng	98
91) Benzo(g,h,i)perylene	17.76	276	582503	33.856	ng	95

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



#1

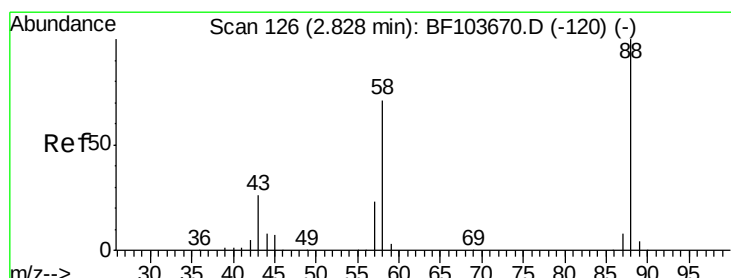
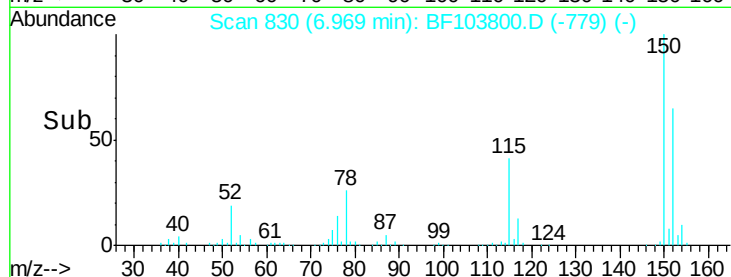
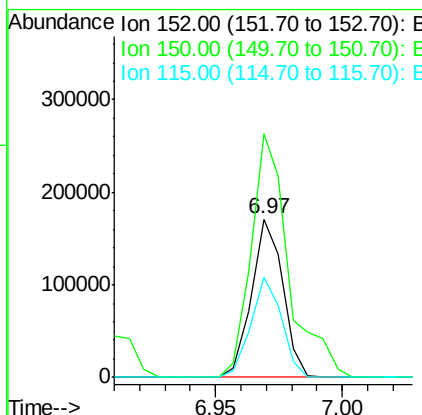
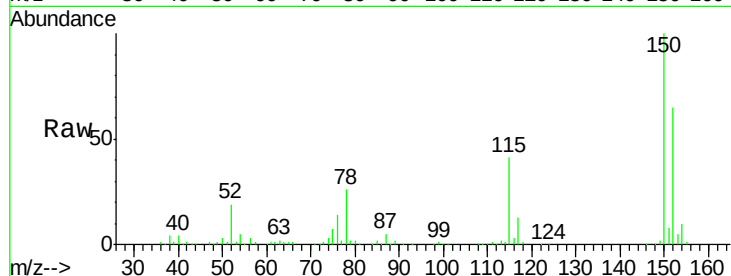
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Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	63.2	50.1	75.1

Manual Integrations
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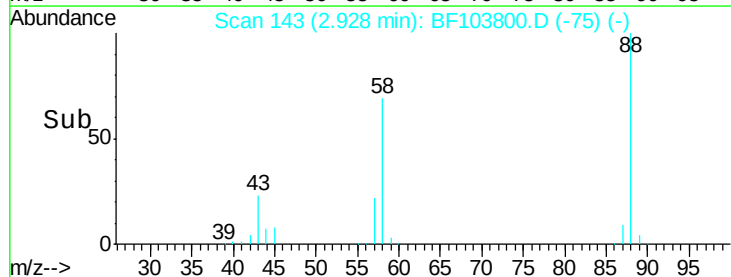
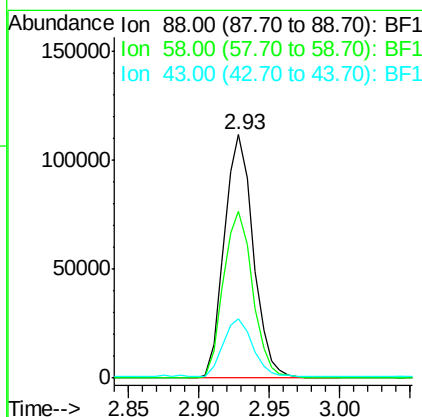
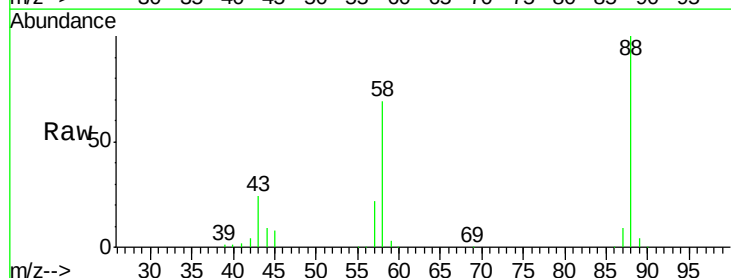
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3/22/2018 12:57:24 PM

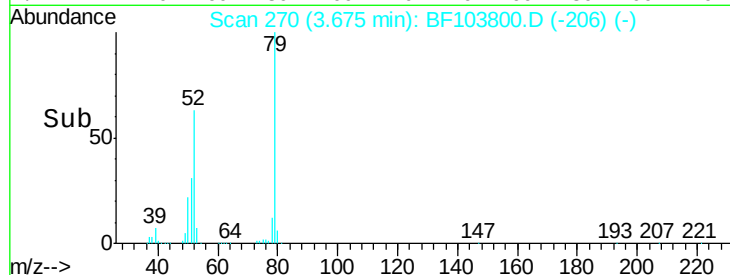
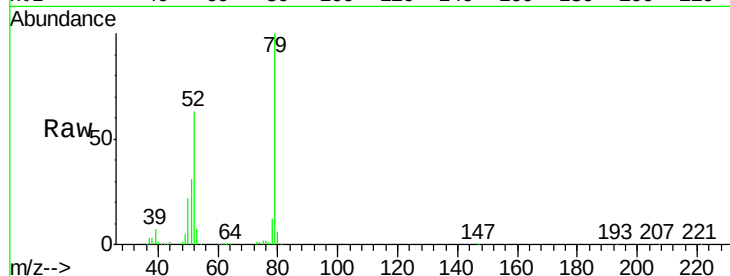
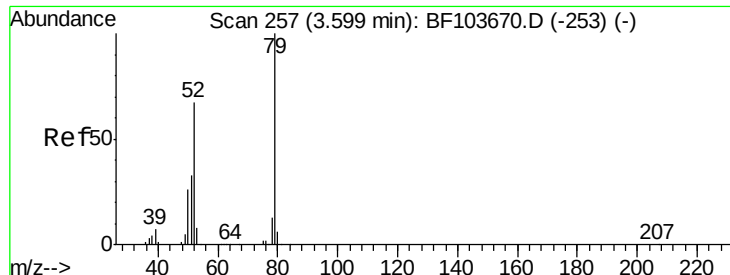


#2

1,4-Dioxane
Concen: 33.502 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.10 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	62.6	93.8
43	24.5	24.6	37.0





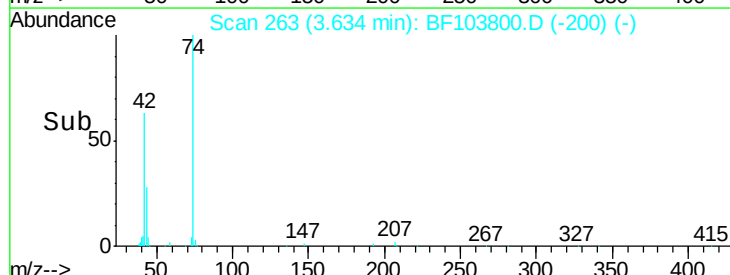
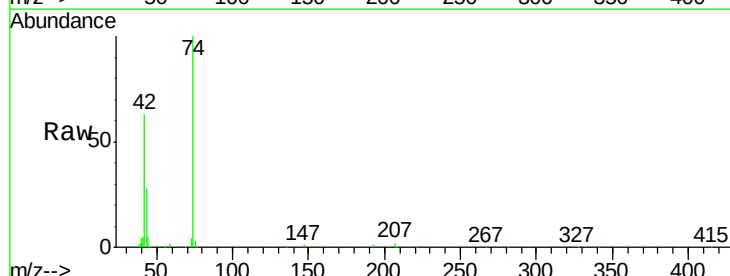
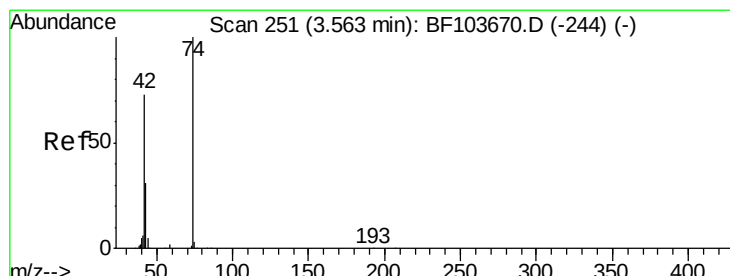
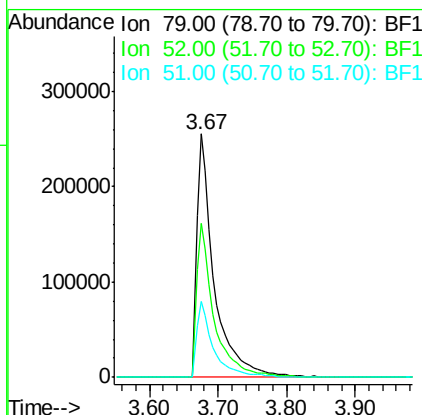
#3
 Pvridine
 Concen: 34.111 ng
 RT: 3.67 min Scan# 270
 Delta R.T. 0.08 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tot Ion:	79	Resp:	449390
Ion Ratio	Lower	Upper	
79	100		
52	63.3	59.8	89.6
51	31.1	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

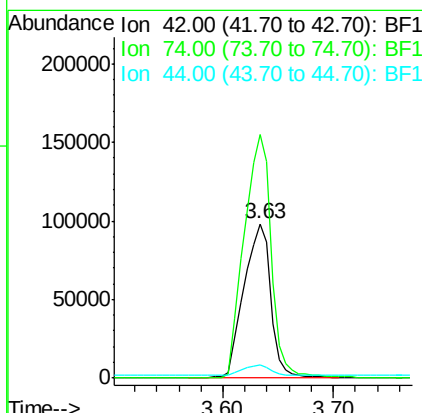
Manual Integrations
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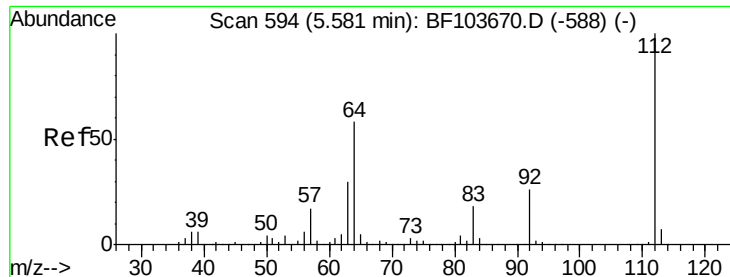
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 35.007 ng
 RT: 3.63 min Scan# 263
 Delta R.T. 0.07 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion:	42	Resp:	170052
Ion Ratio	Lower	Upper	
42	100		
74	157.6	104.9	157.3#
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 101.210 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

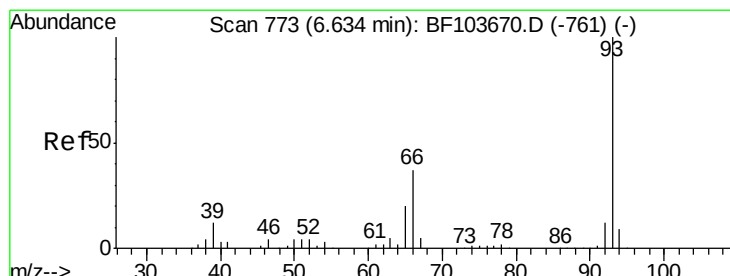
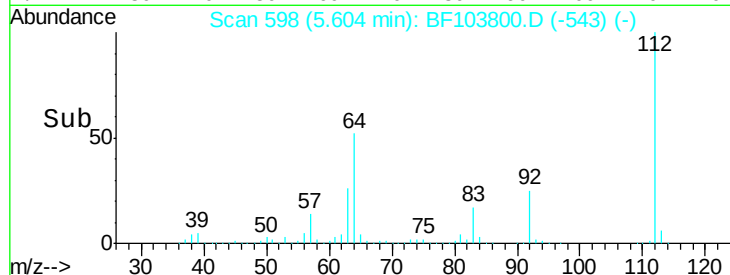
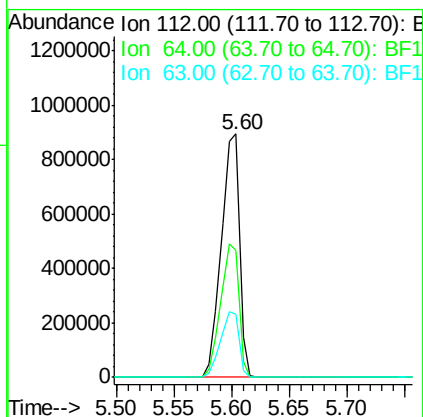
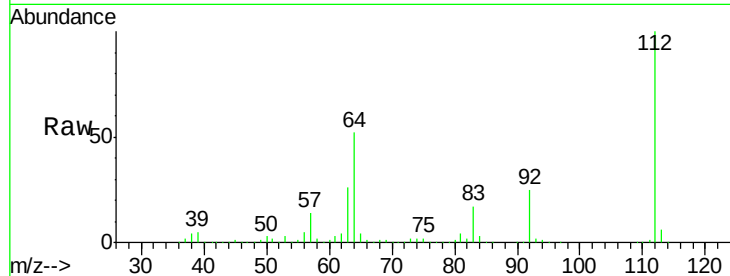
ClientSampleId :

PB107480BS

Tot Ion:	112	Resp:	984507
Ion Ratio	Lower	Upper	
112	100		
64	52.2	47.9	71.9
63	25.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 18.147 ng

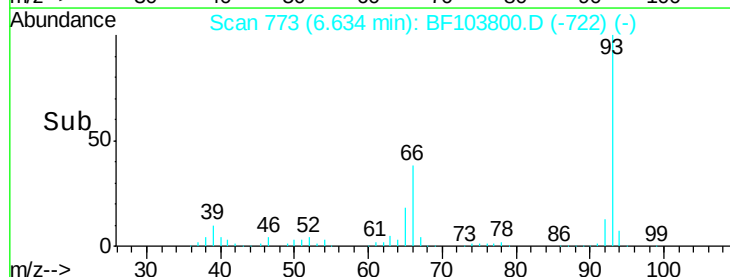
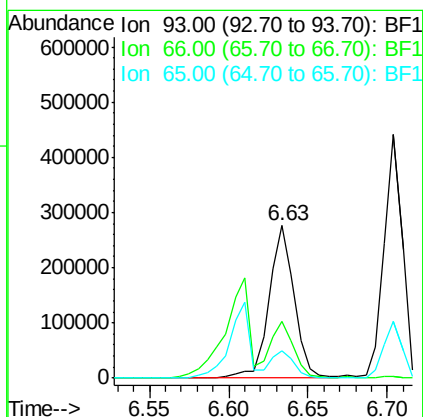
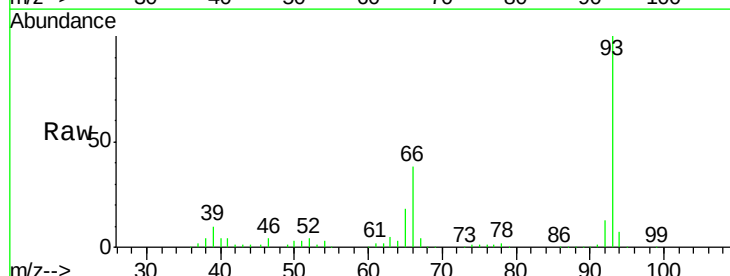
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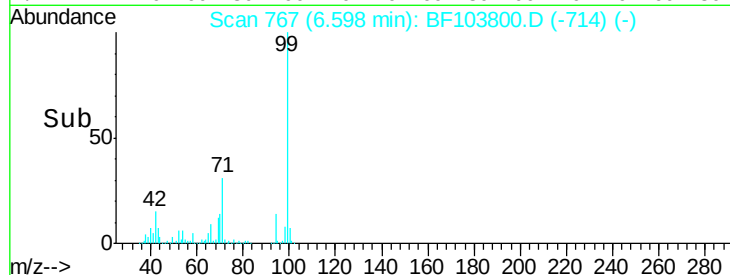
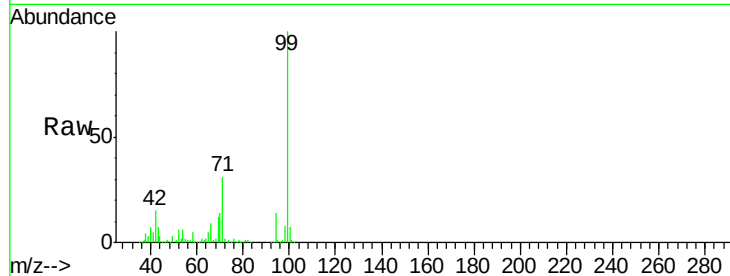
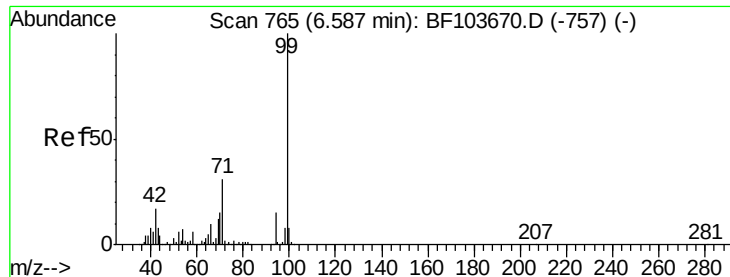
Delta R.T. -0.00 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	93	Resp:	308387
Ion Ratio	Lower	Upper	
93	100		
66	37.5	32.2	48.2
65	18.2	16.4	24.6





#7

Phenol-d6

Concen: 97.742 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tot Ion:	99	Resp:	1163201
Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.5	21.7
71	31.5	25.4	38.0

Instrument :

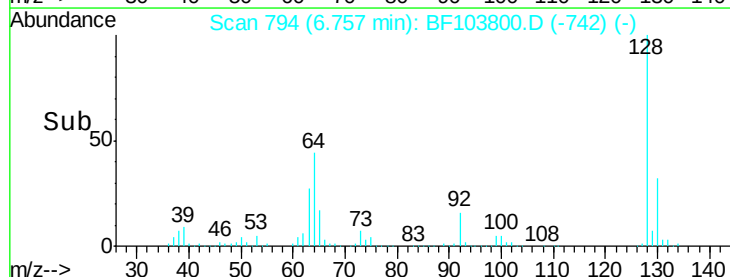
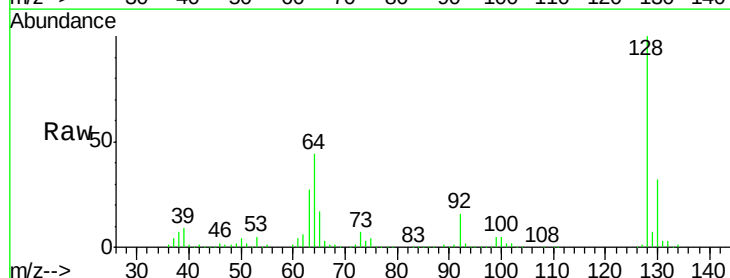
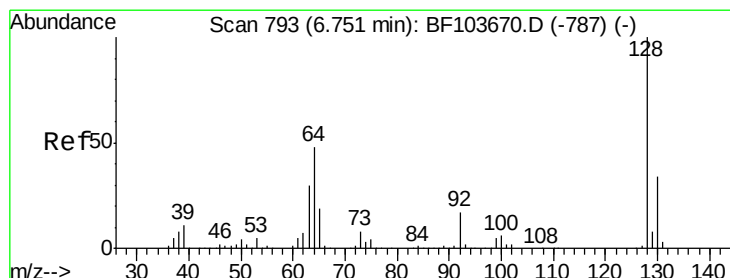
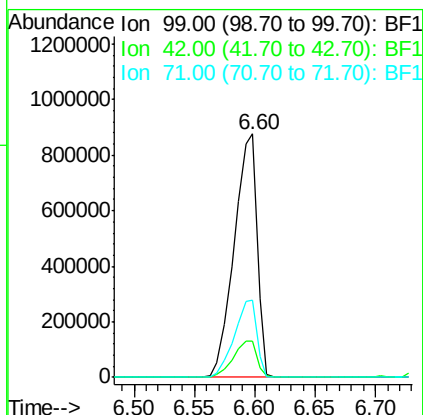
BNA_F

ClientSampleId :

PB107480BS

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#8

2-Chlorophenol

Concen: 36.414 ng

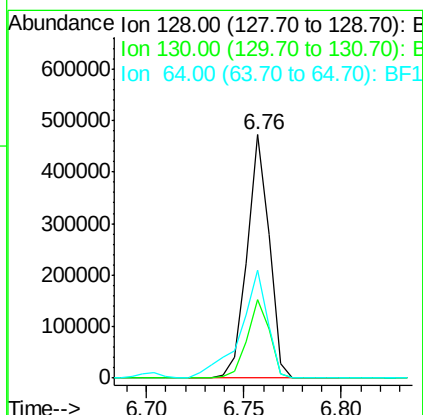
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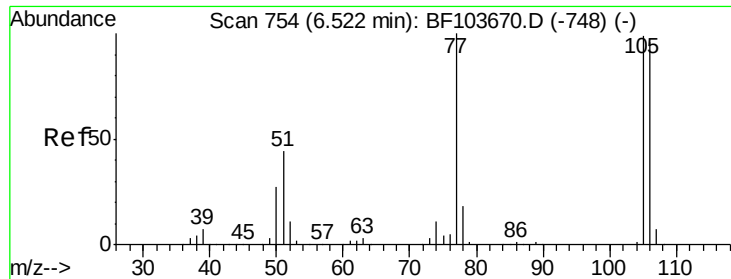
Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	128	Resp:	371055
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	44.4	29.4	69.4





#9

Benzaldehyde

Concen: 14.685 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

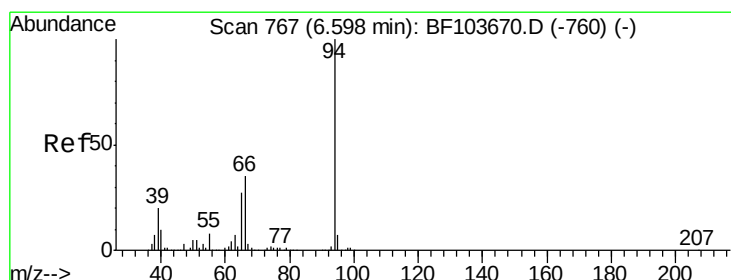
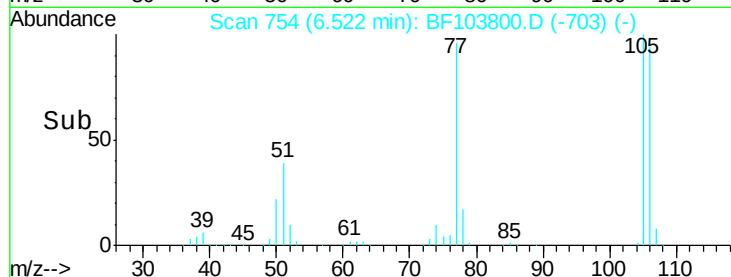
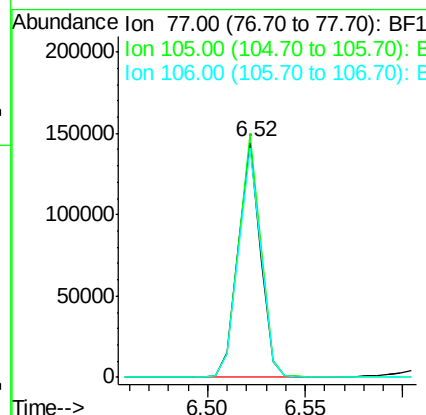
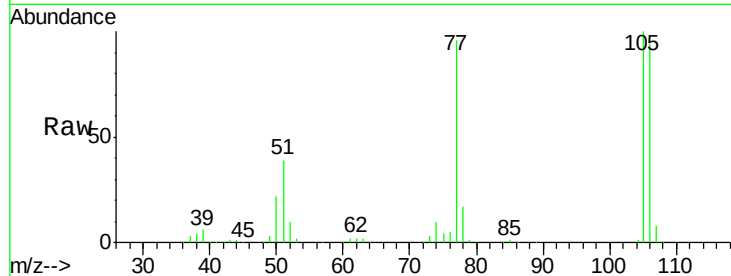
ClientSampleId :

PB107480BS

Tot Ion:	77	Resp:	114815
Ion Ratio	Lower	Upper	
77	100		
105	103.6	81.1	121.1
106	97.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 34.556 ng

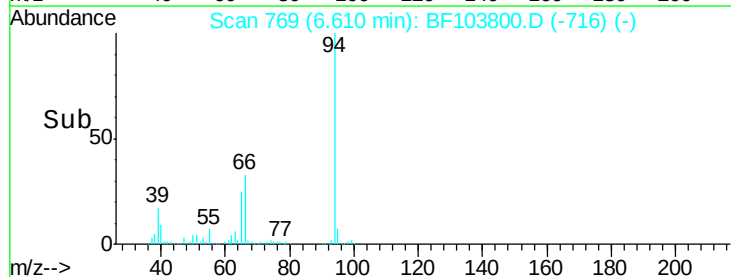
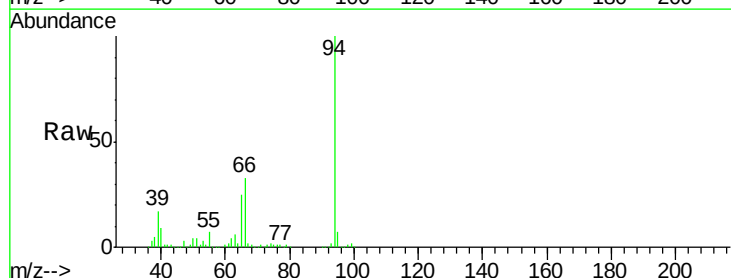
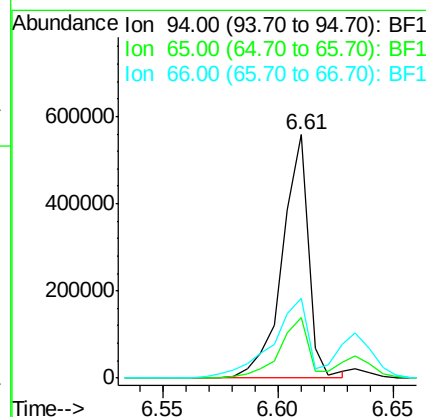
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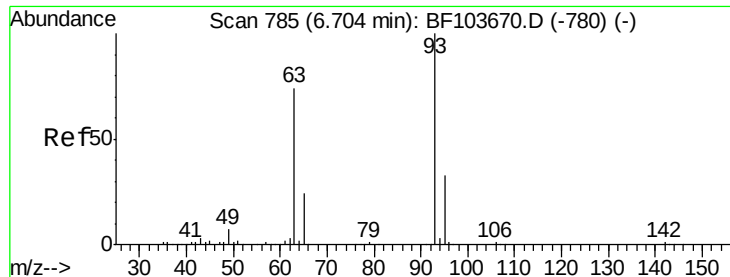
Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	94	Resp:	436993
Ion Ratio	Lower	Upper	
94	100		
65	24.8	7.9	47.9
66	32.5	16.2	56.2





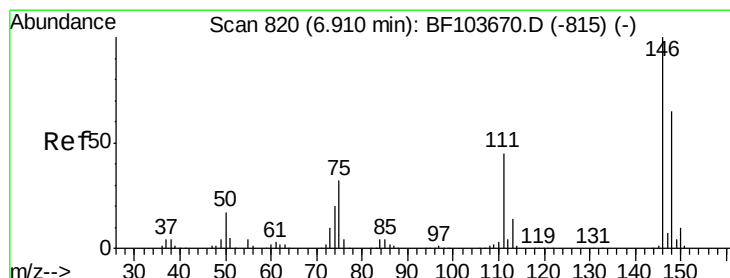
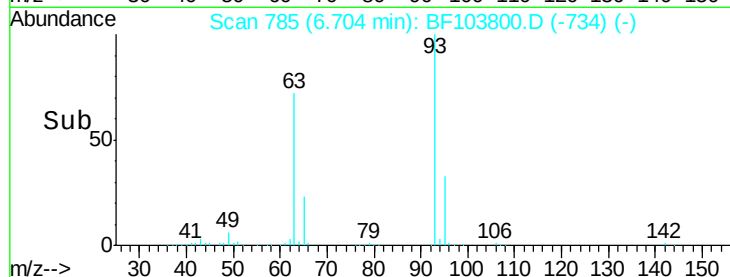
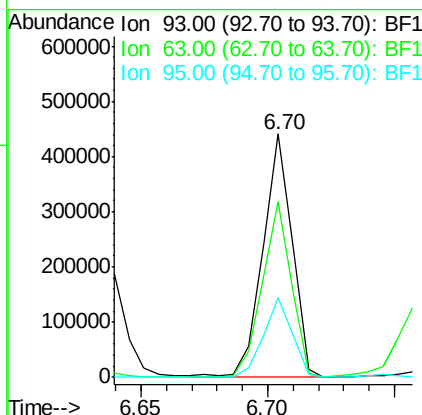
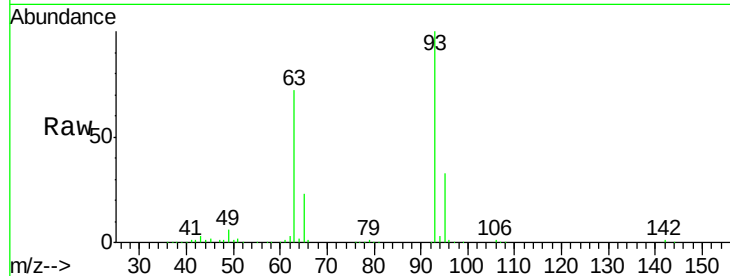
#11
bis(2-Chloroethyl)ether
Concen: 33.707 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampled :
PB107480BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	58.6	98.6
95	32.7	11.8	51.8

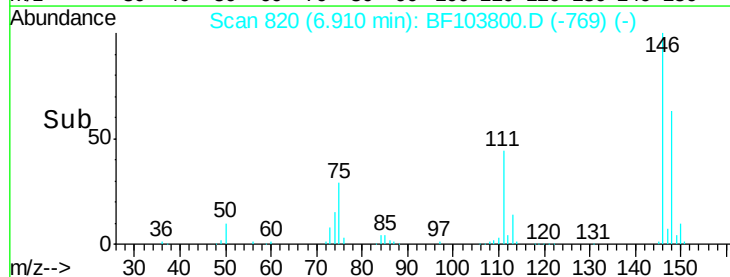
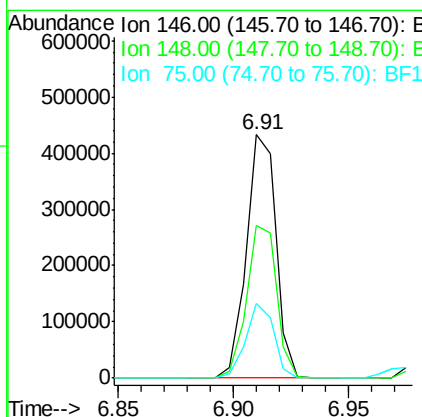
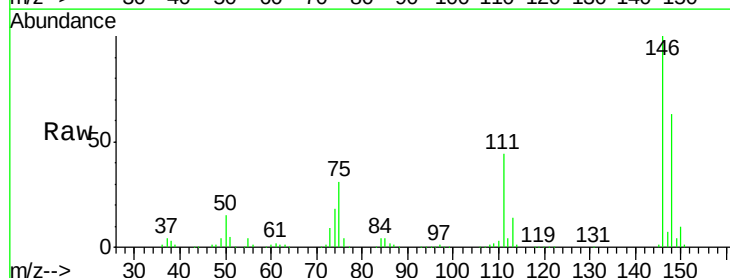
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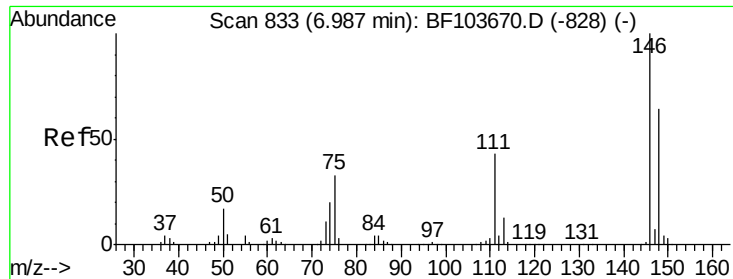
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.635 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
75	30.5	24.2	36.4





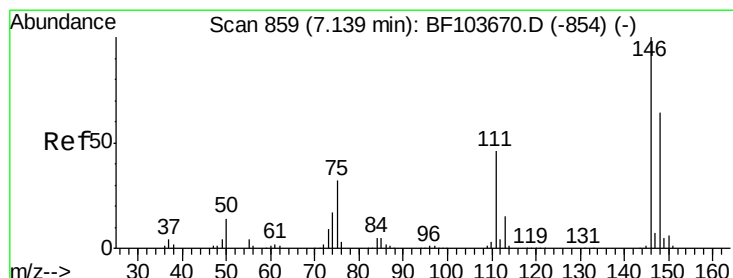
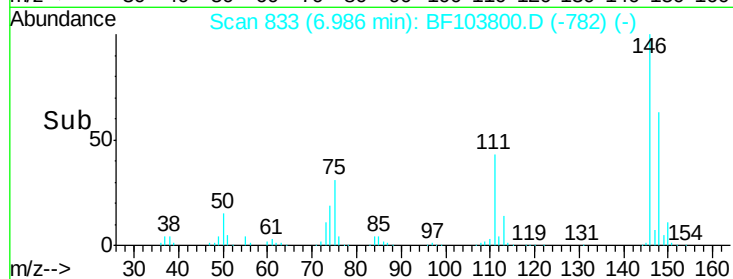
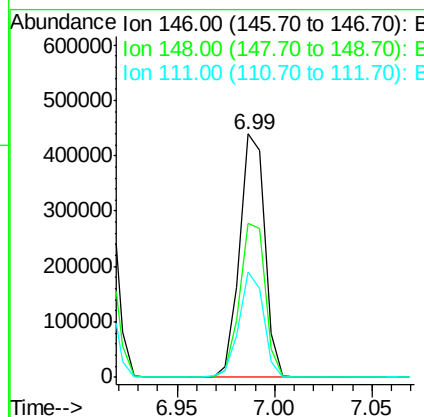
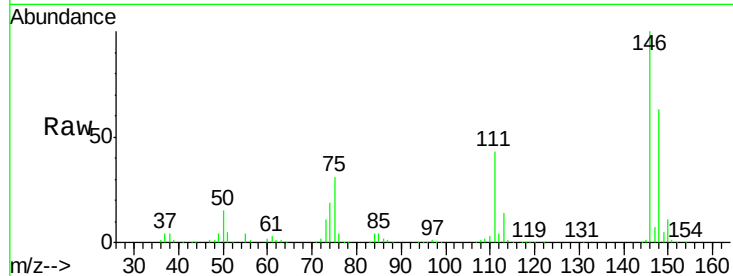
#13
 1,4-Dichlorobenzene
 Concen: 33.842 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	43.5	34.2	51.2

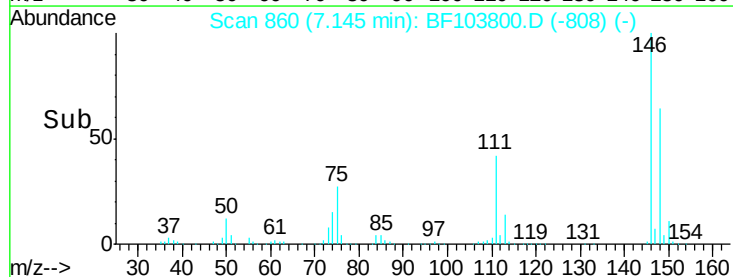
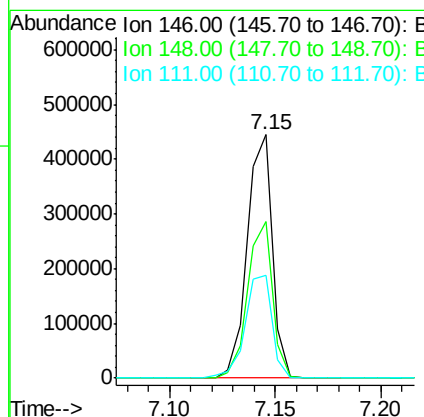
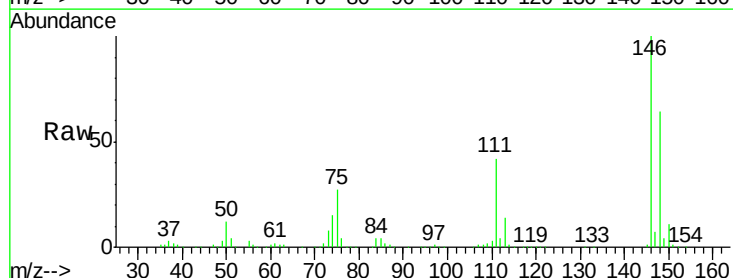
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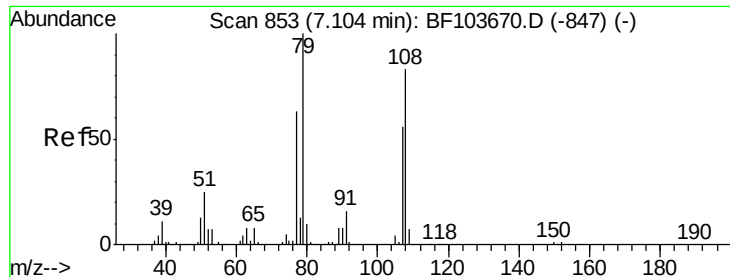
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 33.884 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.048 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

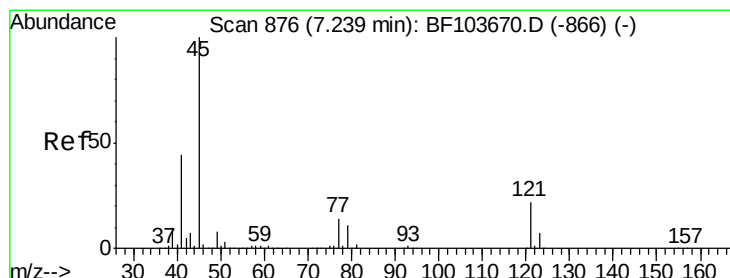
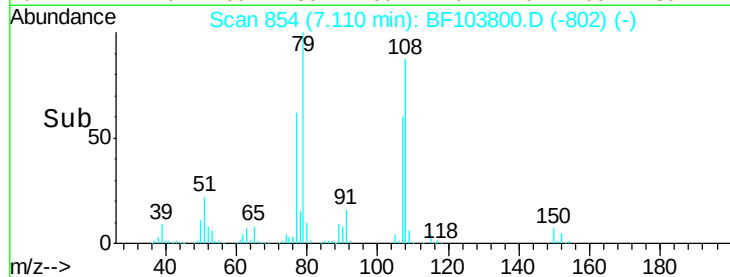
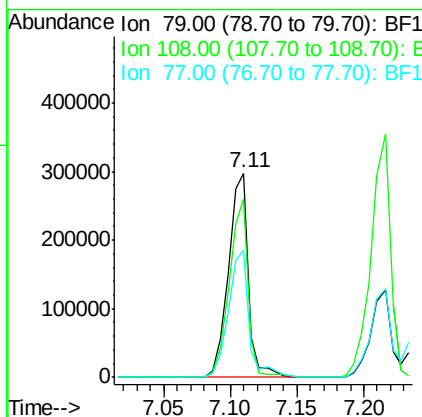
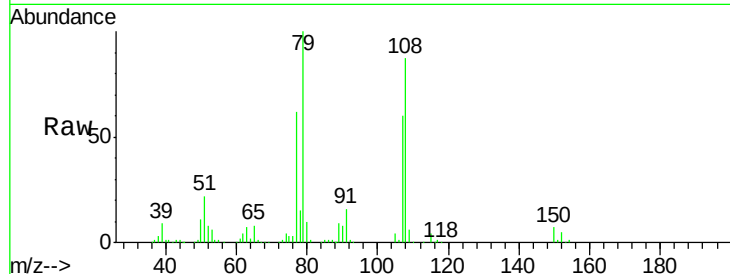
ClientSampleId :

PB107480BS

Tot Ion:	79	Resp:	313951
Ion	Ratio	Lower	Upper
79	100		
108	87.1	65.1	97.7
77	62.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.099 ng

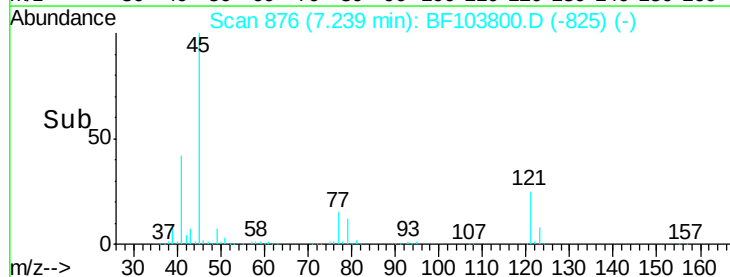
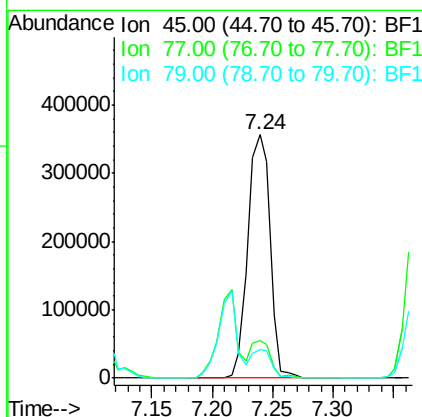
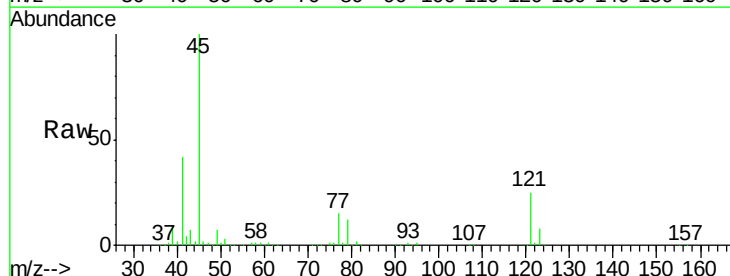
RT: 7.24 min Scan# 876

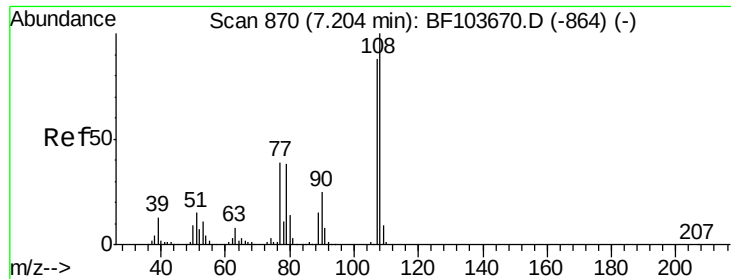
Delta R.T. -0.00 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	45	Resp:	461764
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	32.9
79	11.7	0.0	29.6





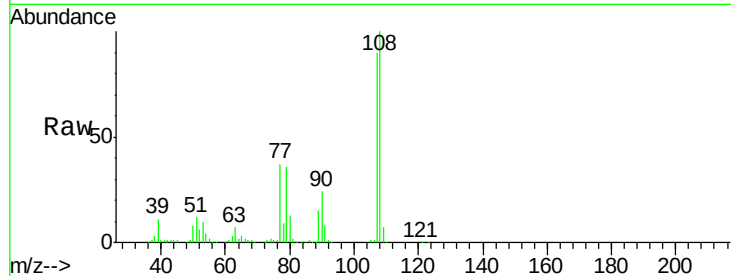
#17
2-Methylphenol
Concen: 34.515 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

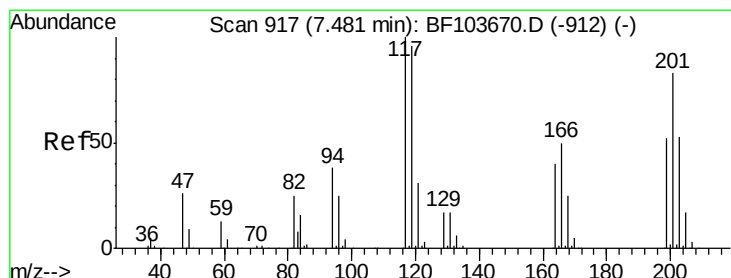
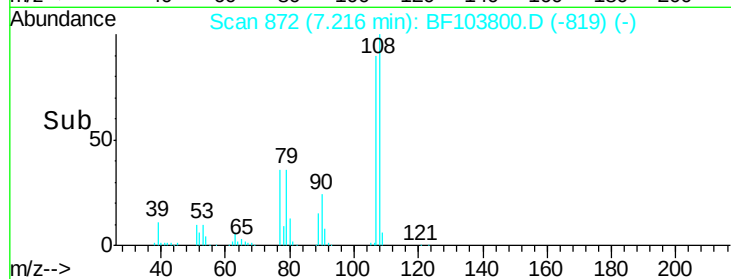
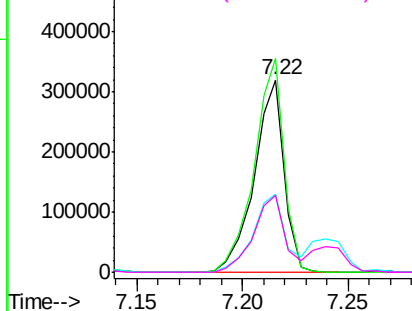
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	91.7	137.5	
77	40.5	33.8	50.8	
79	39.8	33.8	50.8	

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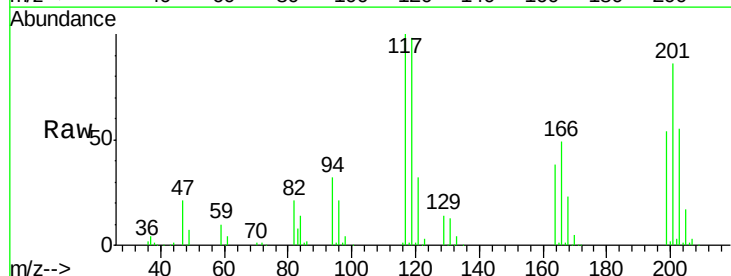


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

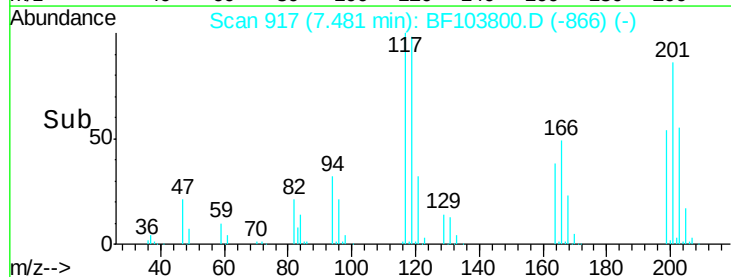
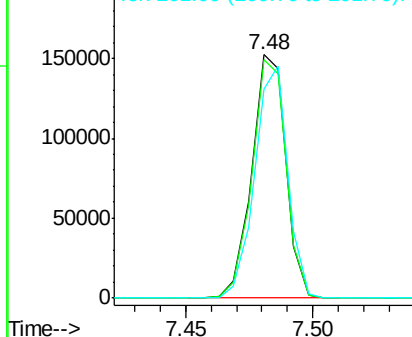


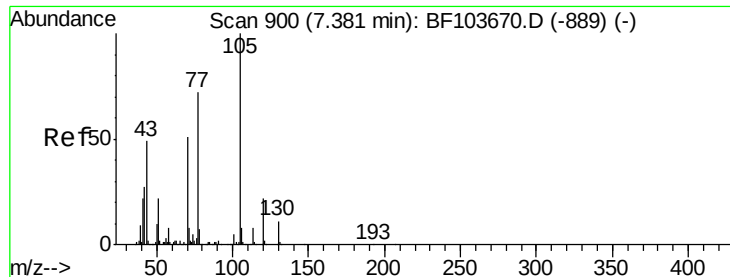
#18
Hexachloroethane
Concen: 34.685 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	75.8	113.8	
201	85.7	75.7	113.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 31.374 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

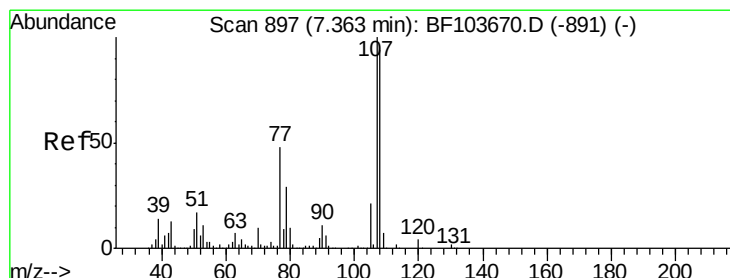
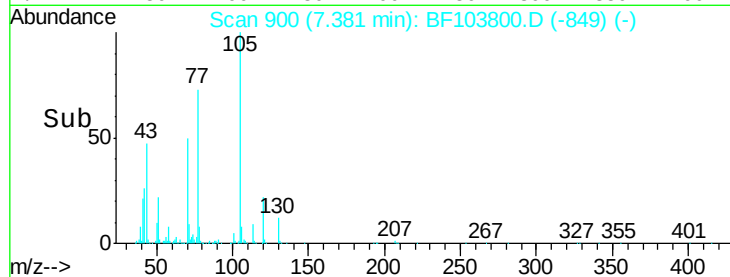
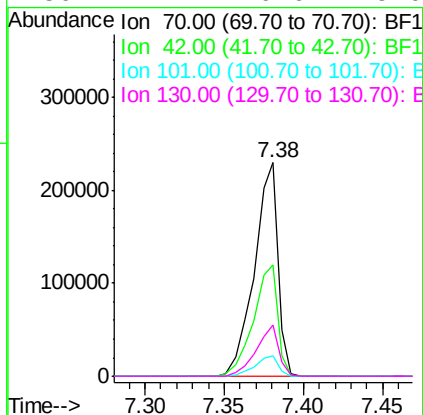
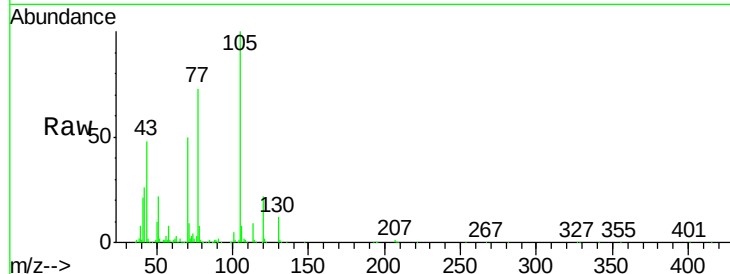
ClientSampleId :

PB107480BS

Tot Ion	70	Resp	239286
Ion Ratio	Lower	Upper	
70	100		
42	51.9	47.5	71.3
101	9.7	7.4	11.2
130	24.1	16.6	25.0

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#20

3+4-Methylphenols

Concen: 33.331 ng

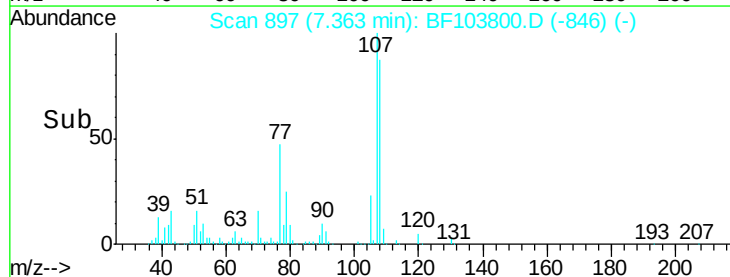
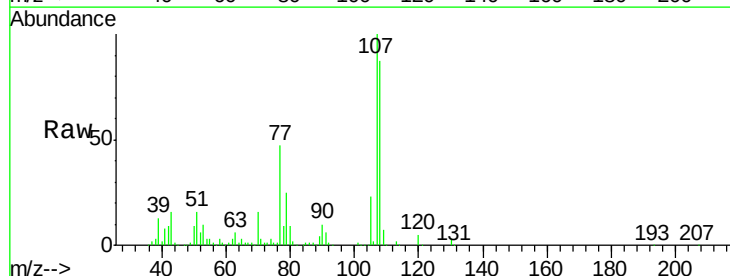
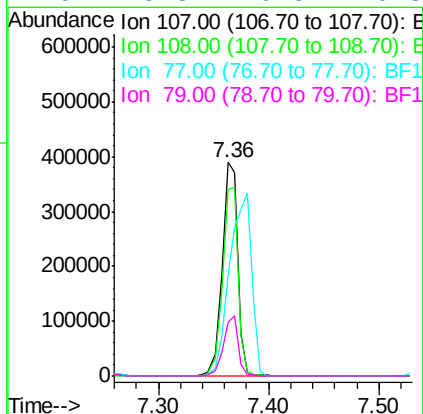
RT: 7.36 min Scan# 897

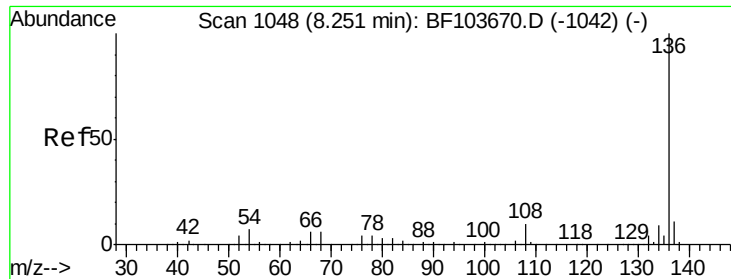
Delta R.T. -0.00 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion	107	Resp	383848
Ion Ratio	Lower	Upper	
107	100		
108	87.2	68.2	108.2
77	47.2	26.7	66.7
79	25.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

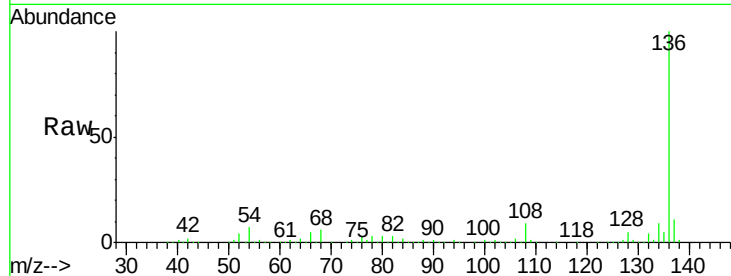
ClientSampleId :

PB107480BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	6.0	5.0	7.4

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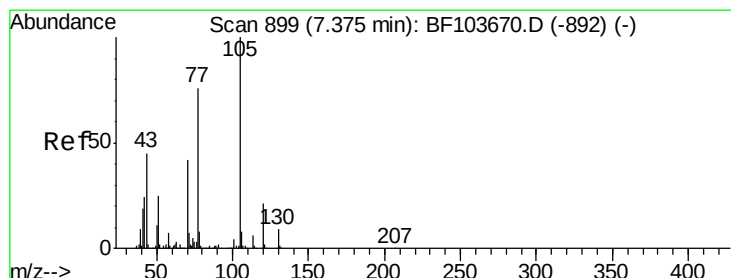
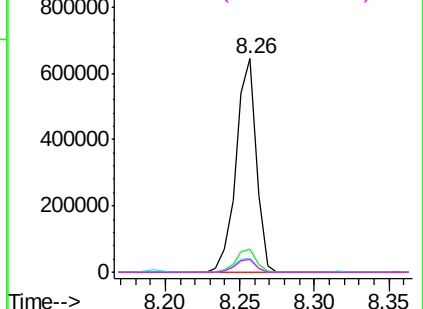
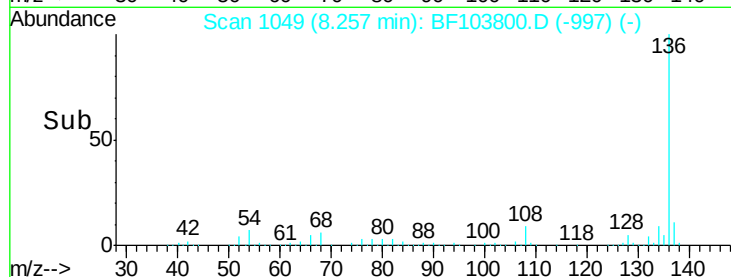


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 30.896 ng

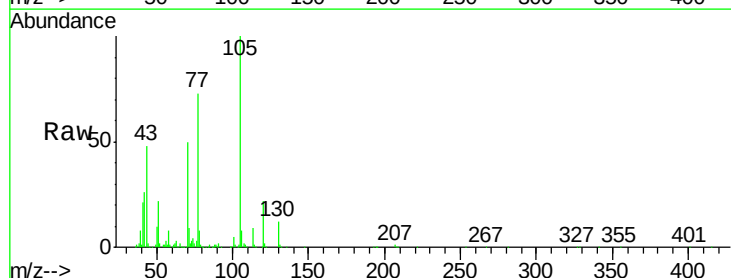
RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.6	4.4	6.6#
51	22.3	22.3	33.5
120	22.1	16.9	25.3

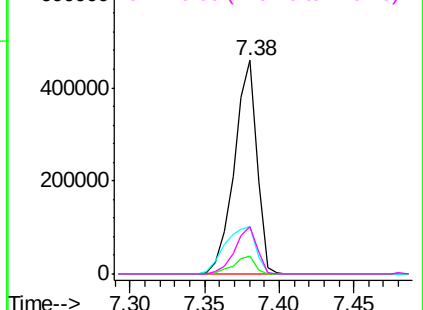
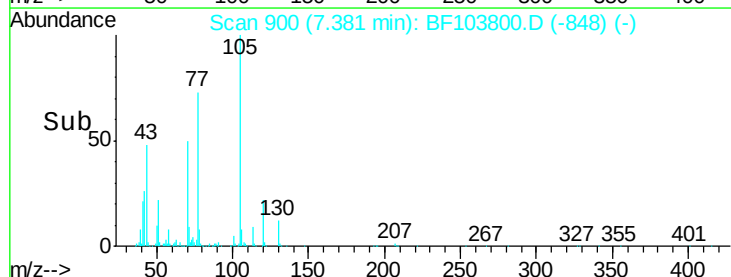


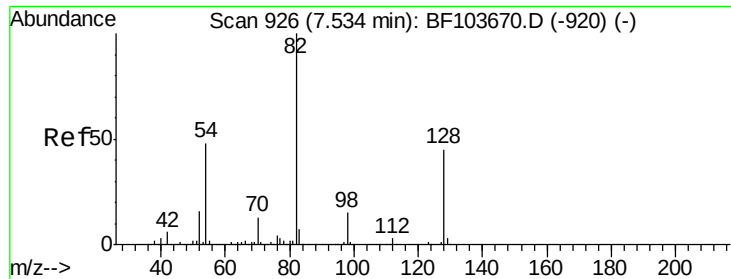
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





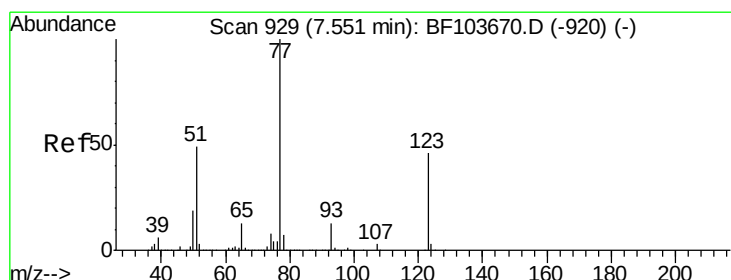
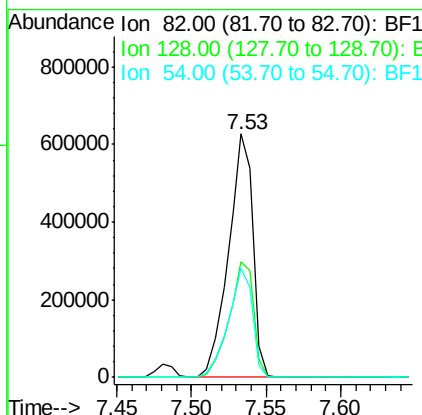
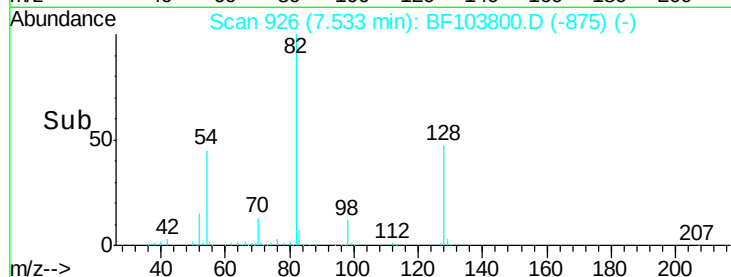
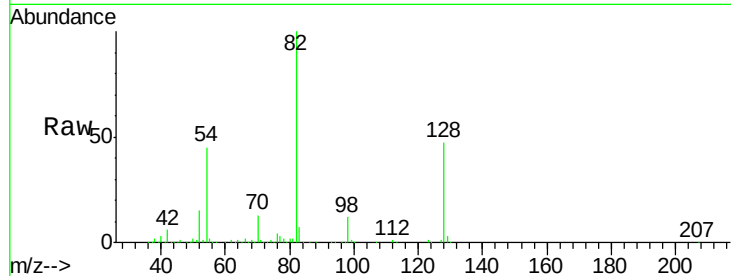
#23
 Nitrobenzene-d5
 Concen: 81.662 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	82	Resp	718022
Ion Ratio	100	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	44.9	41.4	62.2

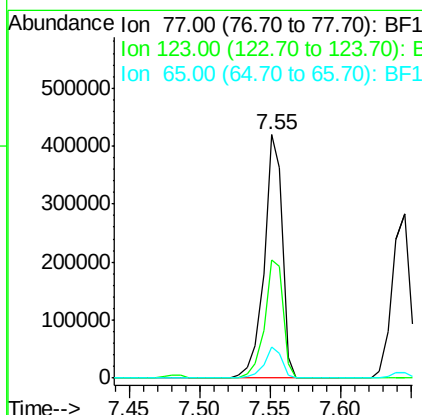
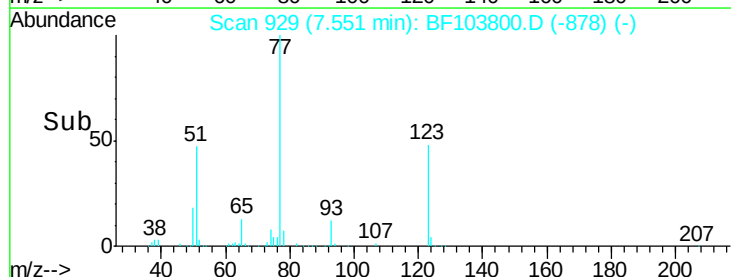
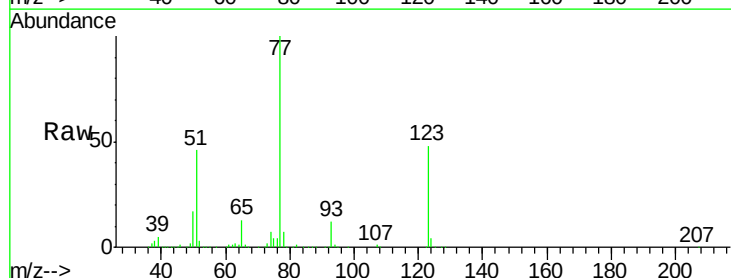
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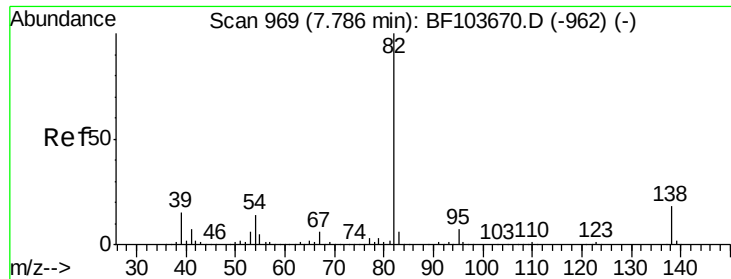
Sohil
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#24
 Nitrobenzene
 Concen: 36.999 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	77	Resp	381929
Ion Ratio	100	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 34.182 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

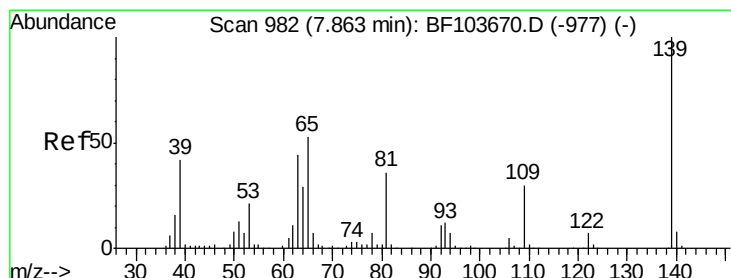
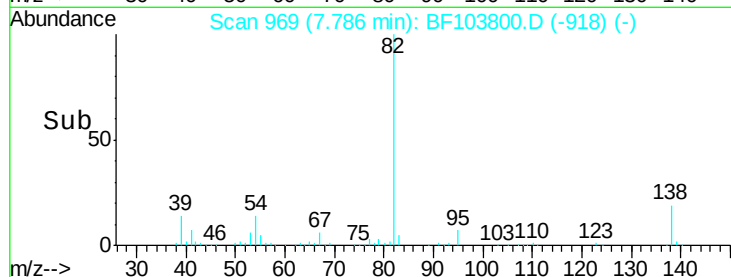
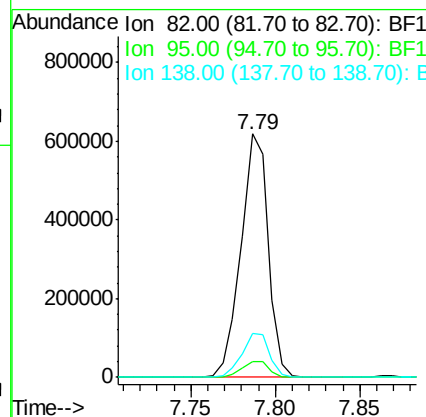
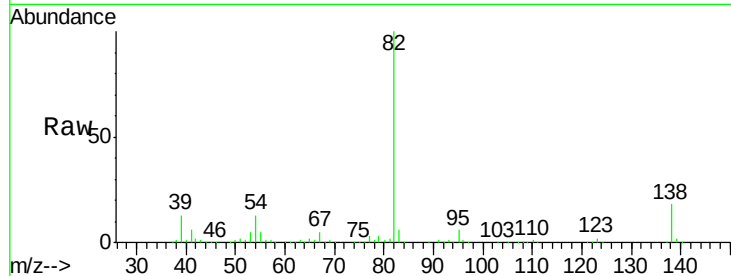
ClientSampleId :

PB107480BS

Tot Ion:	82	Resp:	695754
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 50.845 ng

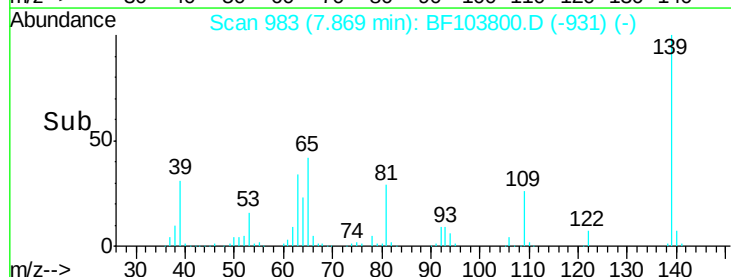
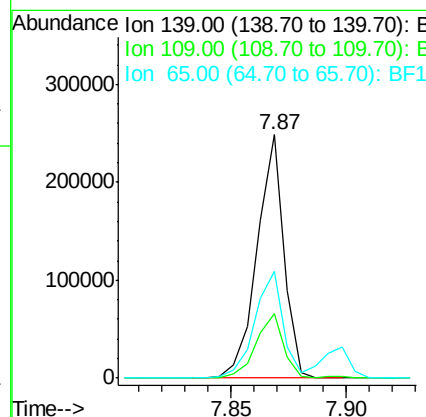
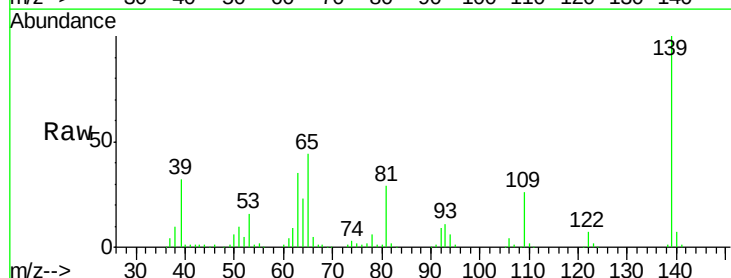
RT: 7.87 min Scan# 983

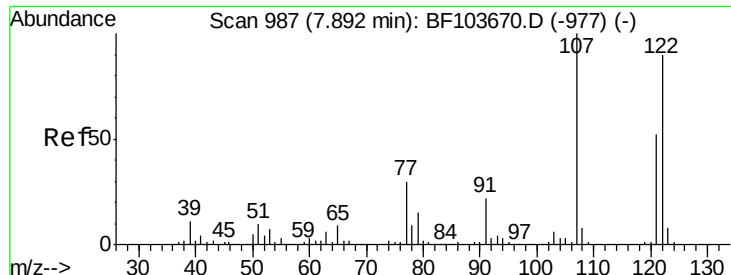
Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	139	Resp:	202426
Ion Ratio	Lower	Upper	
139	100		
109	26.4	22.7	34.1
65	43.6	40.5	60.7





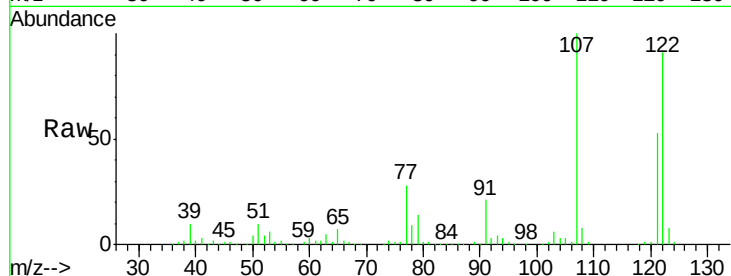
#27
2,4-Dimethylphenol
Concen: 39.722 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampled :
PB107480BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	91.2	136.8
121	58.8	47.2	70.8

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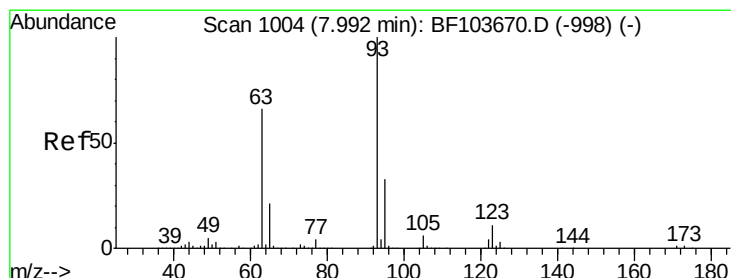
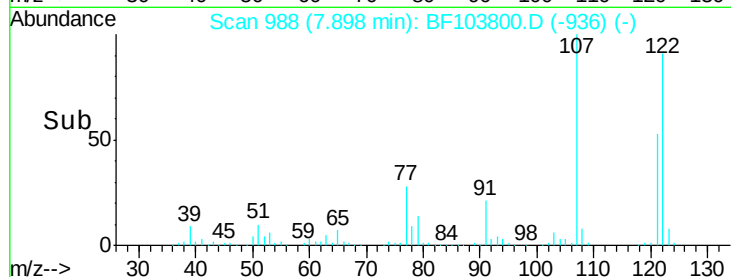
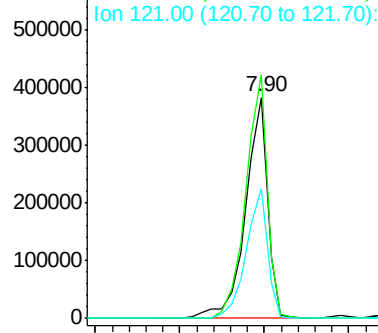


Abundance

Ion 122.00 (121.70 to 122.70): E

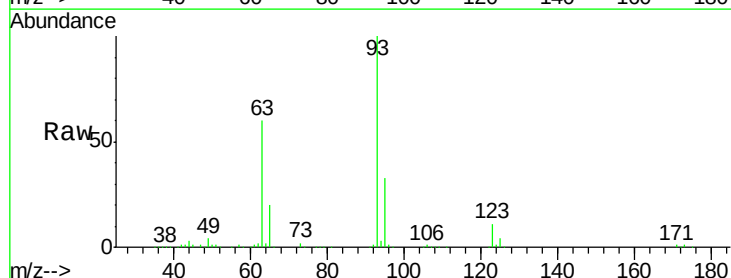
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.496 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.5	9.8	14.6

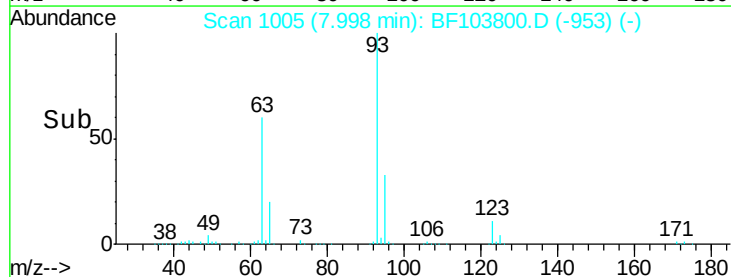
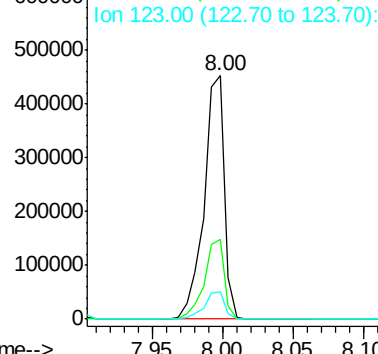


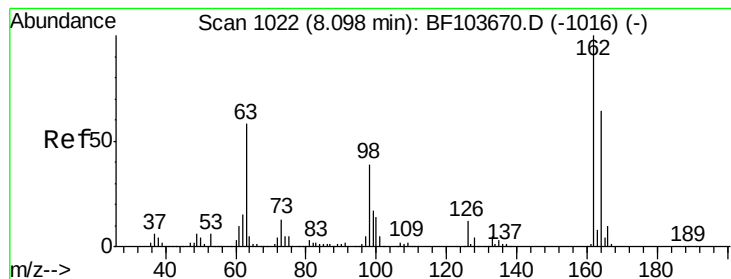
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.975 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

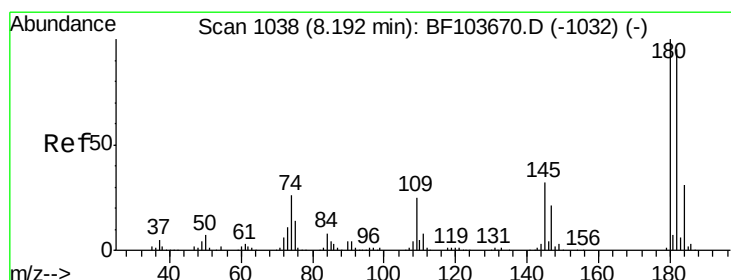
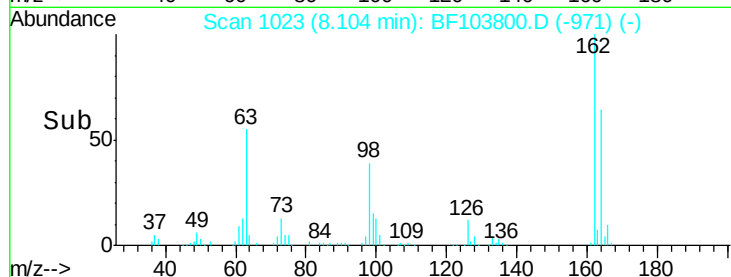
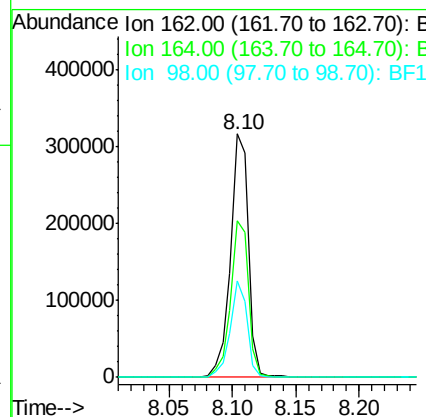
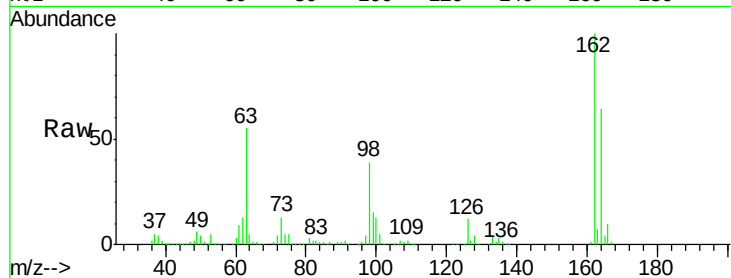
ClientSampleID :

PB107480BS

Tot Ion:	162	Resp:	309196
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.7	82.7
98	39.4	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 34.327 ng

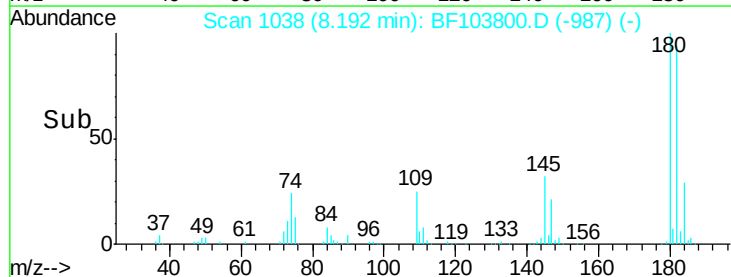
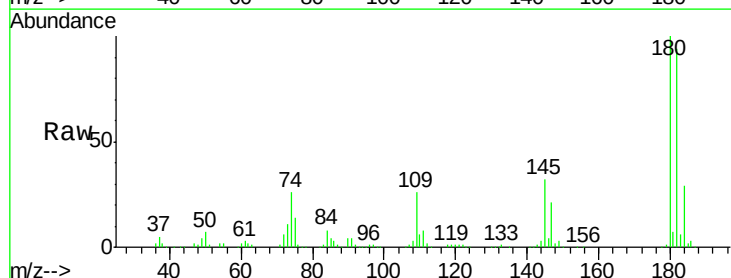
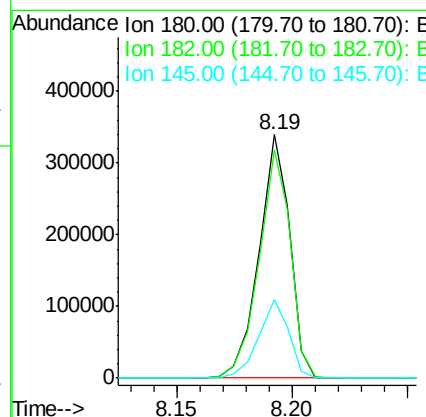
RT: 8.19 min Scan# 1038

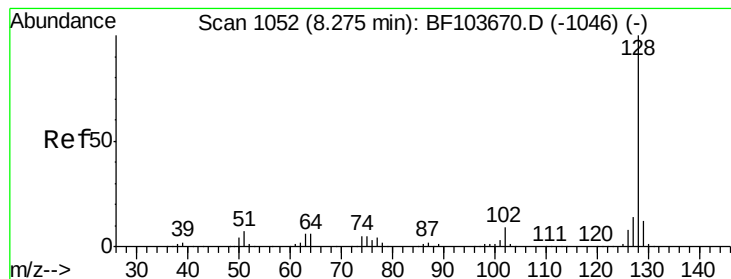
Delta R.T. -0.00 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	180	Resp:	315853
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.8	115.2
145	32.0	26.5	39.7





#31

Naphthalene

Concen: 33.852 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

ClientSampled :

PB107480BS

Tot Ion:128 Resp: 1048536

Ion Ratio Lower Upper

128 100

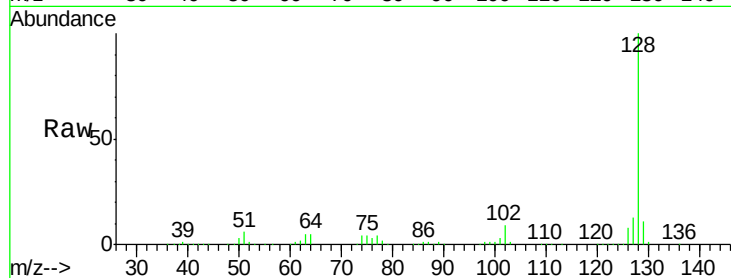
129 11.3 8.8 13.2

127 13.4 10.9 16.3

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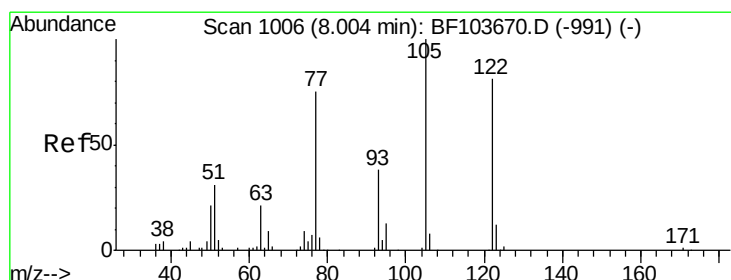
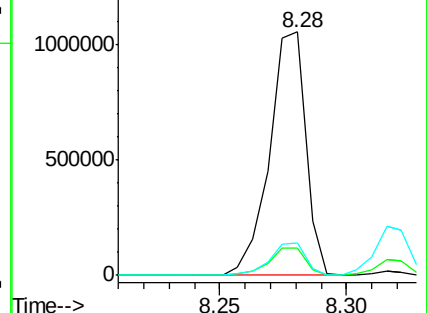
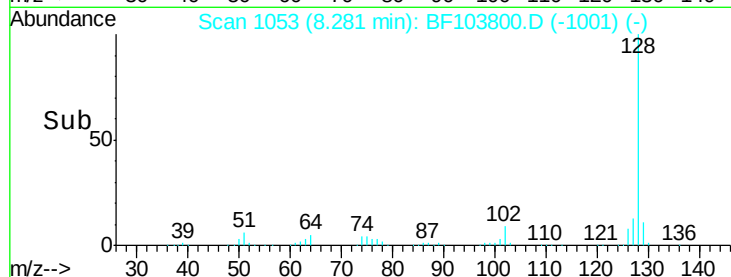
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.584 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.11 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

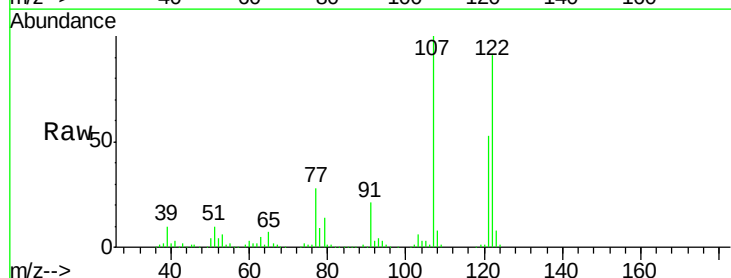
Tgt Ion:122 Resp: 346373

Ion Ratio Lower Upper

122 100

105 3.4 101.1 141.1#

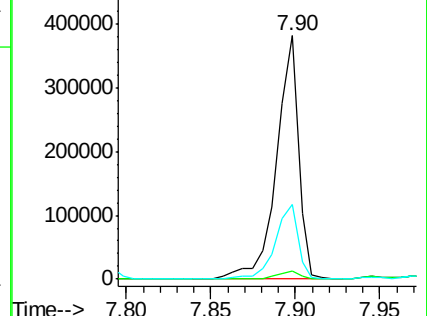
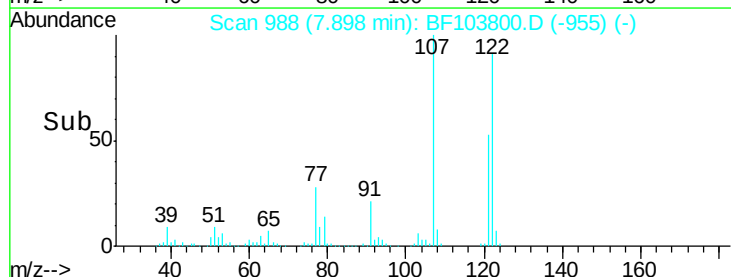
77 30.7 70.7 110.7#

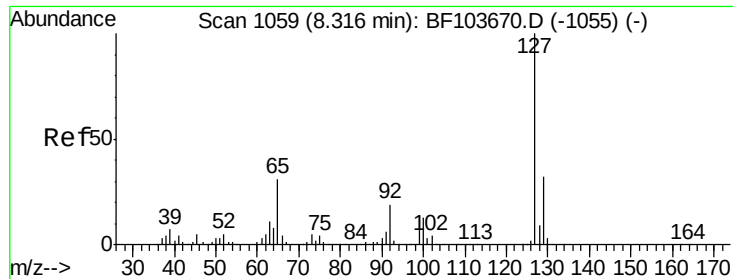


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





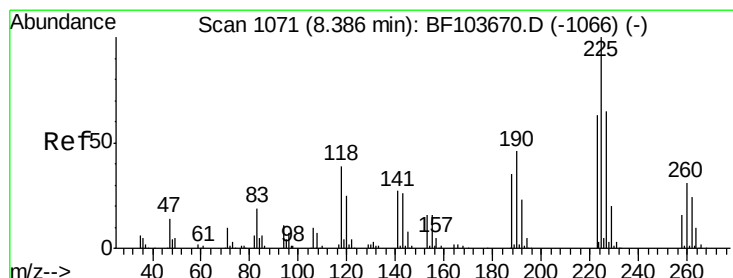
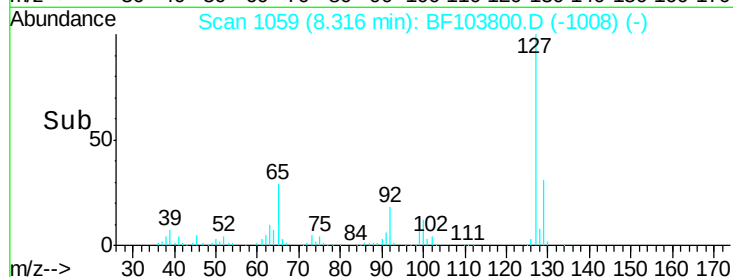
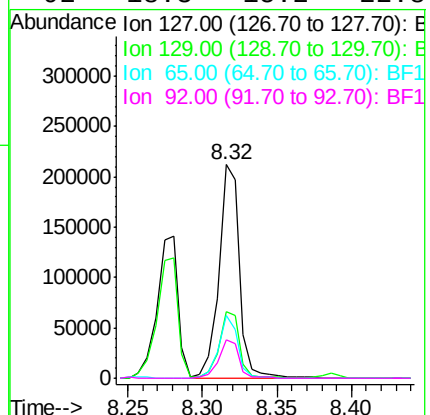
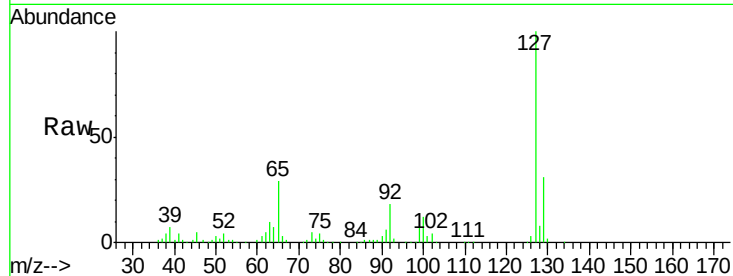
#33
4-Chloroaniline
Concen: 15.717 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2		25.9	38.9	
65	29.3		25.0	37.4	
92	18.3		15.2	22.8	

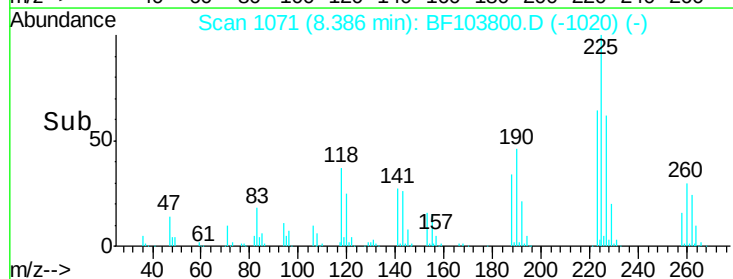
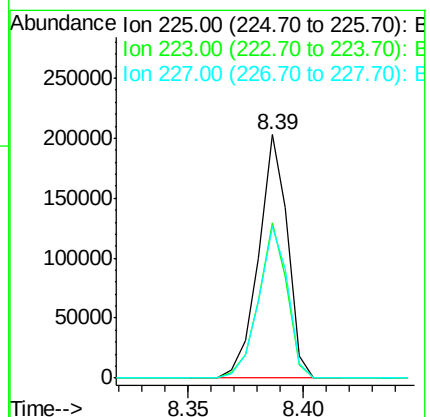
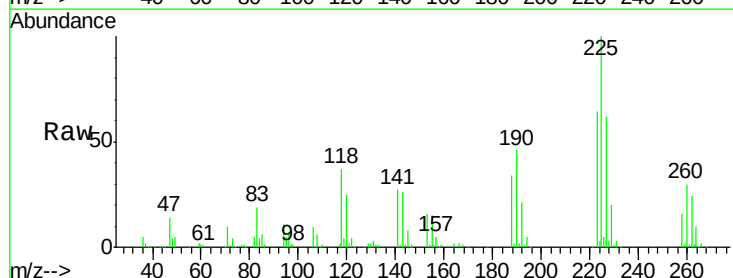
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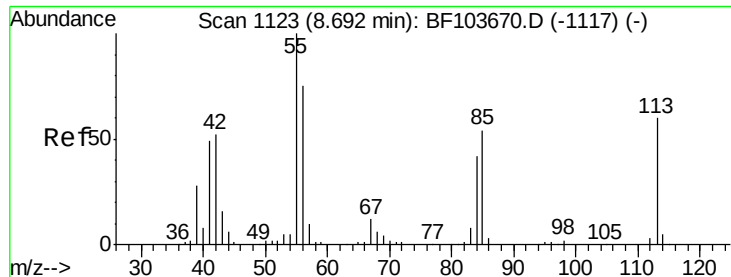
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#34
Hexachlorobutadiene
Concen: 35.167 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6		50.6	76.0	
227	62.0		51.9	77.9	





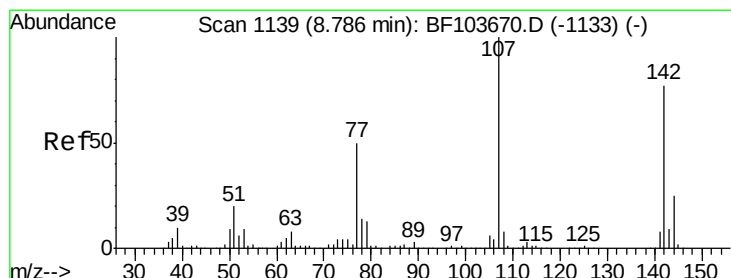
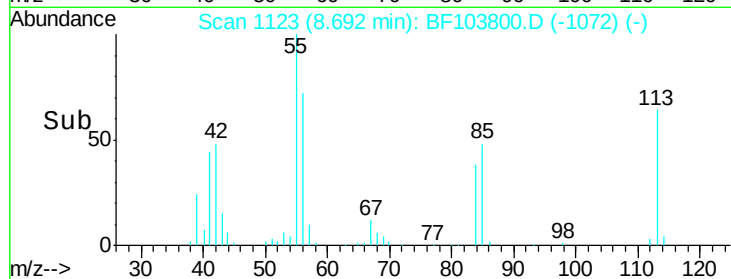
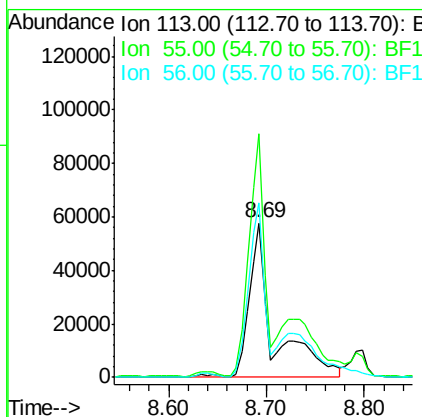
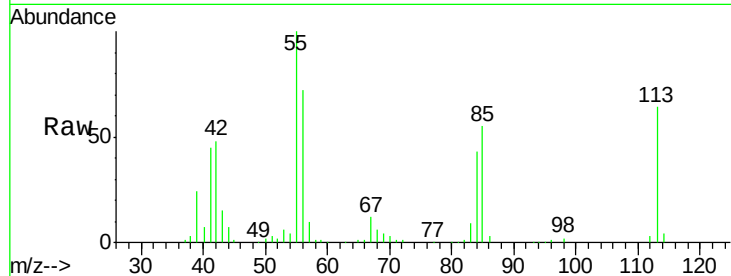
#35
 Caprolactam
 Concen: 36.663 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleID :
 PB107480BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.5	163.3	203.3#
56	113.0	115.7	155.7#

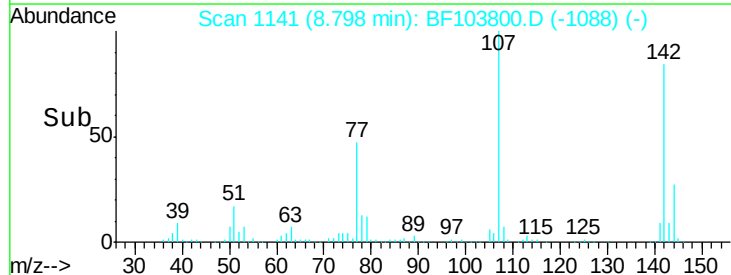
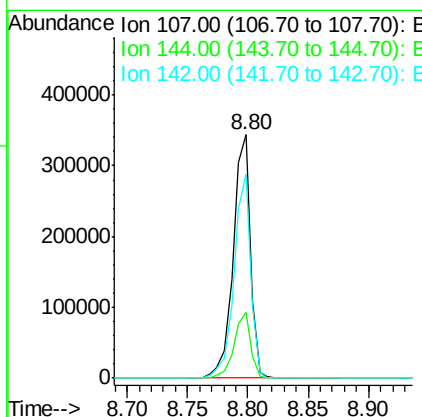
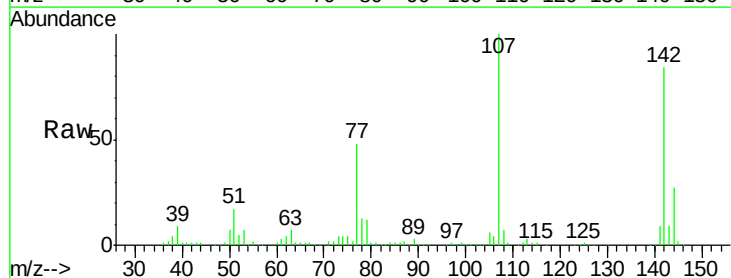
Manual Integrations
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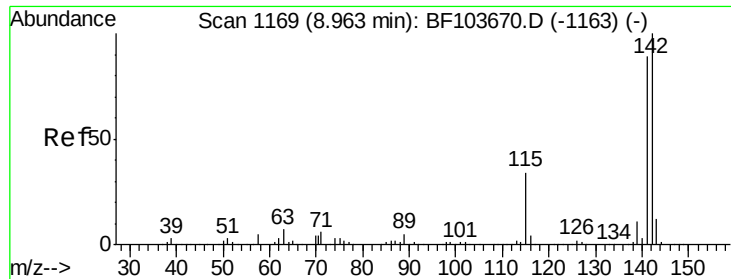
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#36
 4-Chloro-3-methylphenol
 Concen: 39.213 ng/ml
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	83.7	62.0	93.0





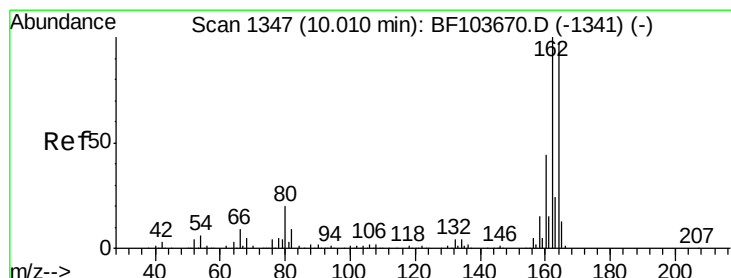
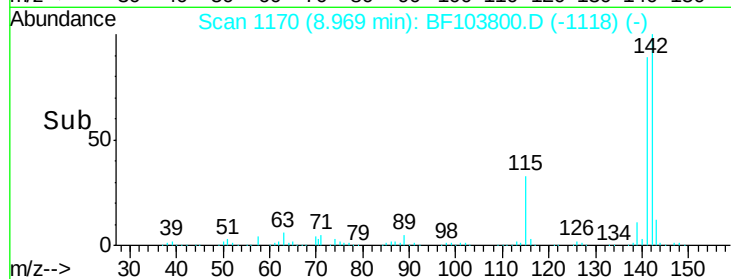
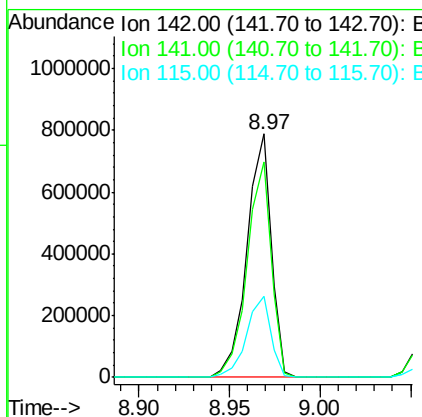
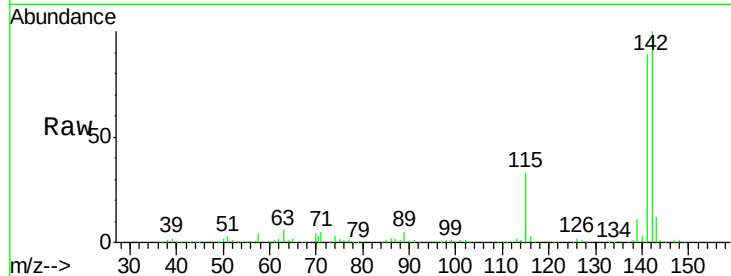
#37
2-Methylnaphthalene
Concen: 37.433 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	33.1	26.1	39.1

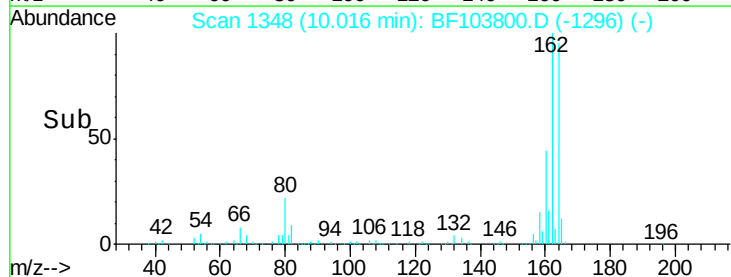
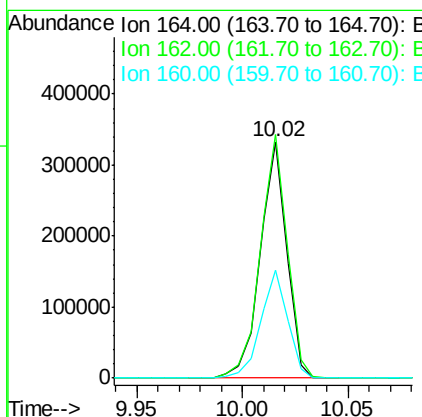
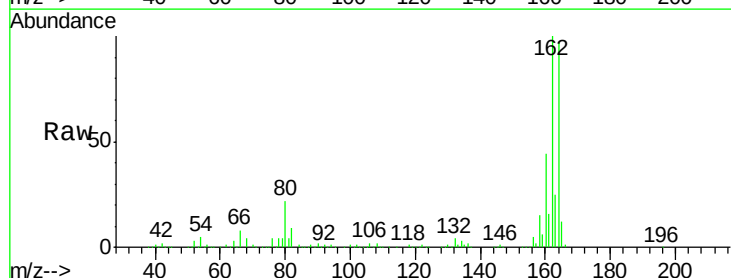
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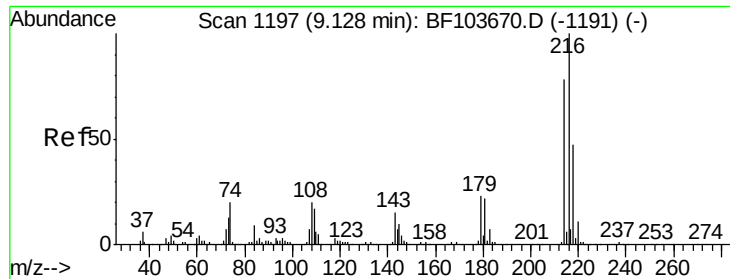
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.6	38.3	57.5





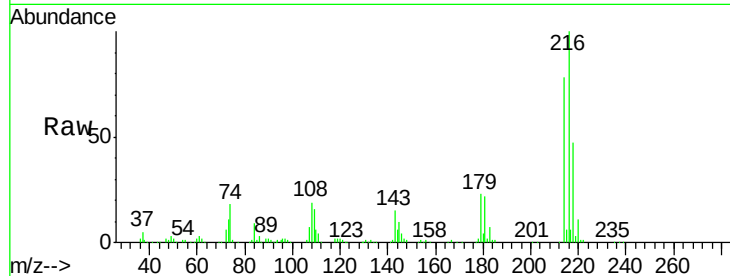
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.203 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

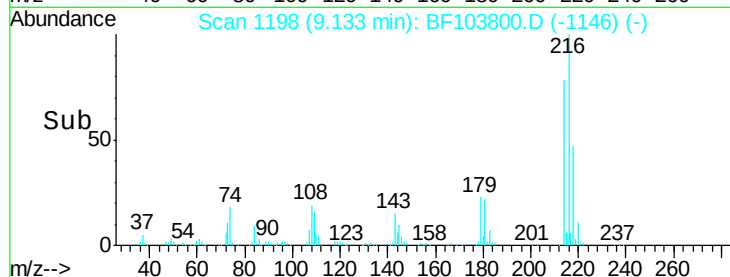
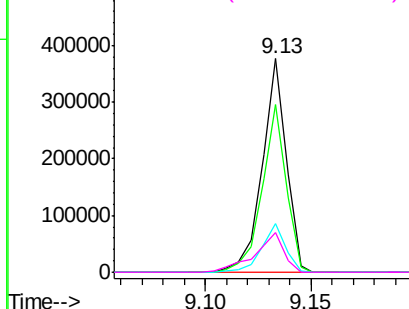
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	63.0	94.4	
179	22.1	18.1	27.1	
108	22.9	17.2	25.8	

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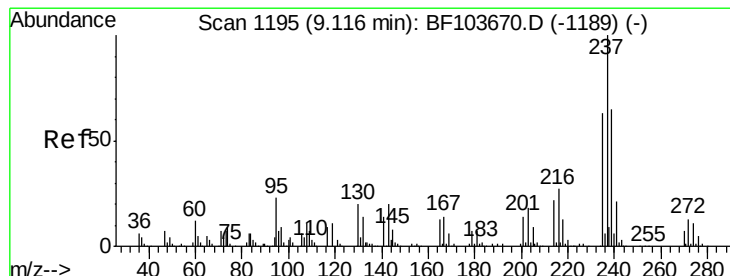


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

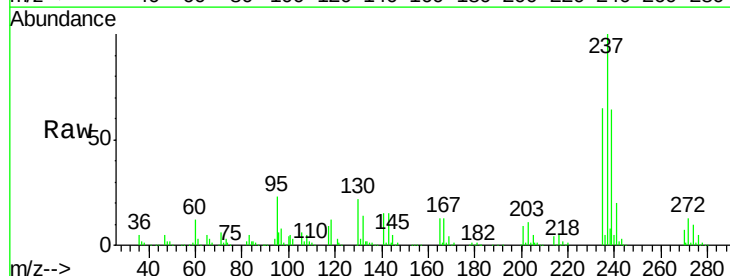
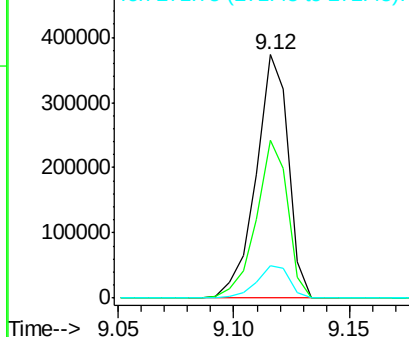


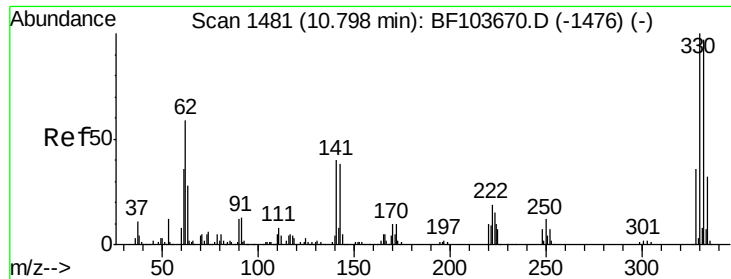
#40
 Hexachlorocyclopentadiene
 Concen: 84.943 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.8	44.8	84.8	
272	13.5	0.0	33.3	



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





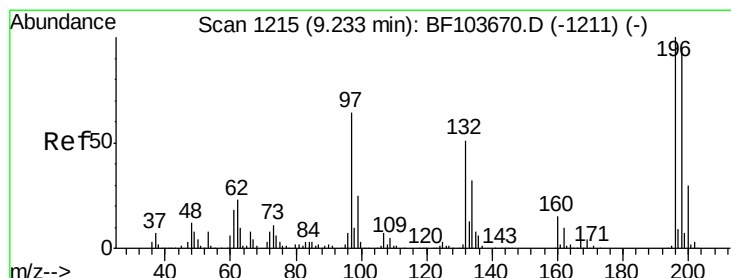
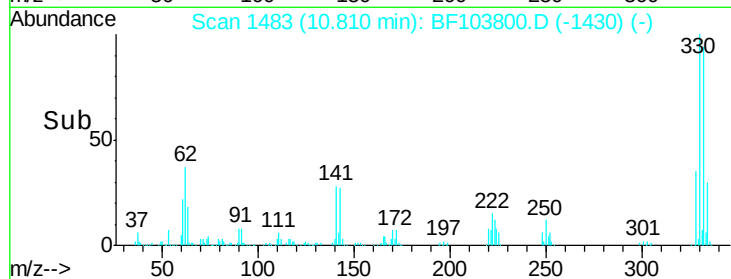
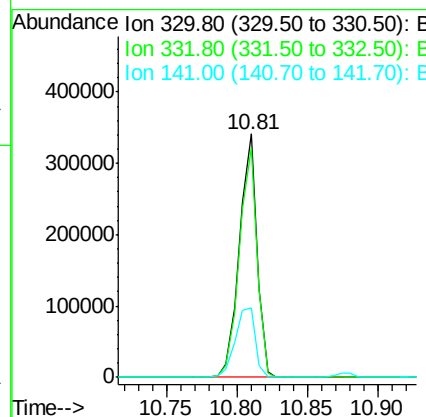
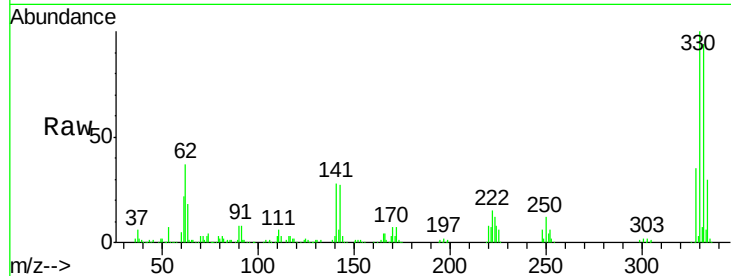
#41
 2,4,6-Tribromophenol
 Concen: 118.729 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	296715		
332	95.3	77.0	115.6	
141	32.5	29.9	44.9	

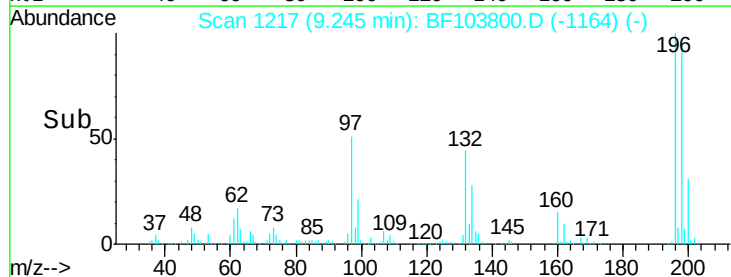
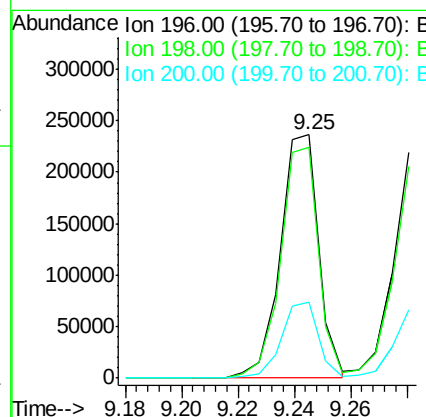
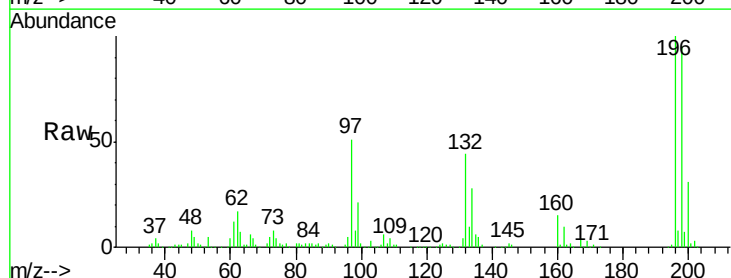
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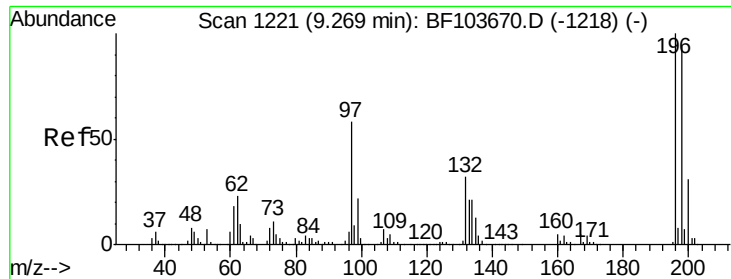
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 41.939 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222440		
198	95.0	75.7	113.5	
200	31.2	24.5	36.7	





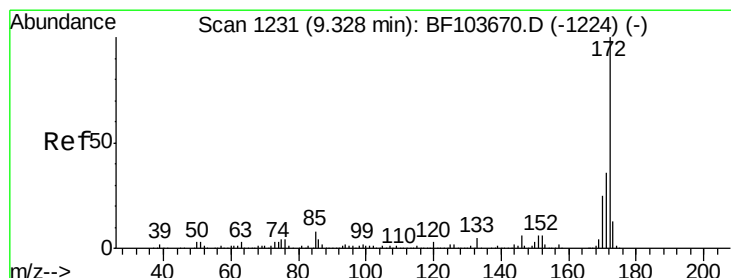
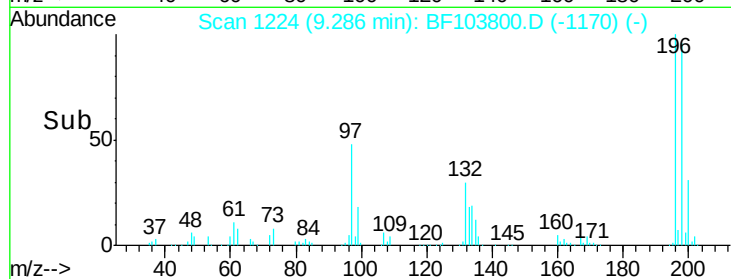
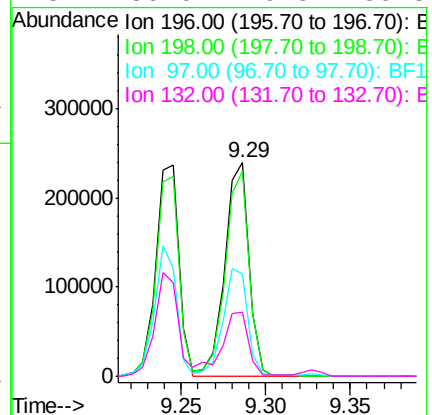
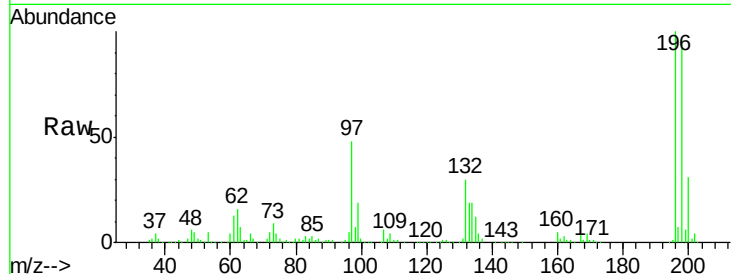
#43
 2,4,5-Trichlorophenol
 Concen: 39.873 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.02 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		238696		
198	95.9	74.6	112.0		
97	48.2	42.9	64.3		
132	30.0	26.3	39.5		

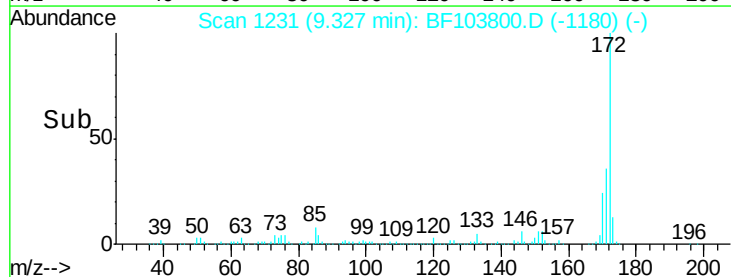
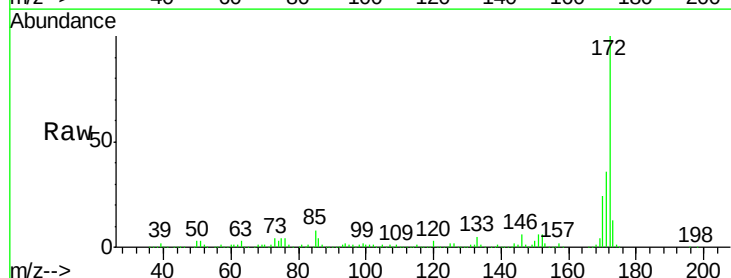
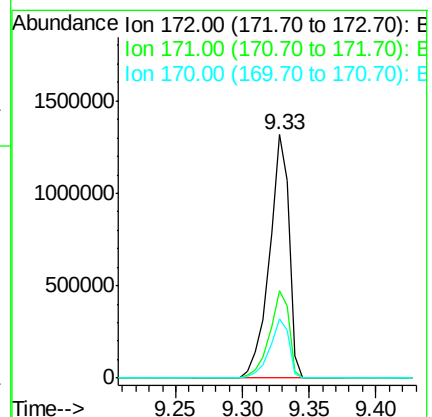
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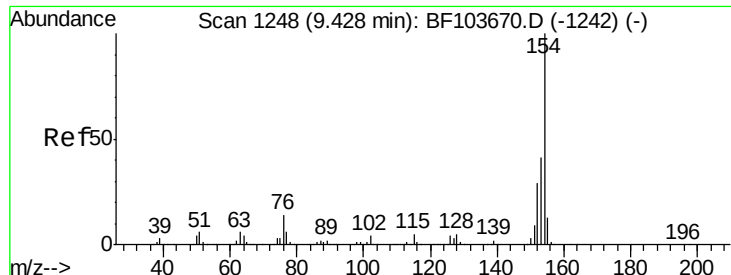
Sohil
 3/22/2018 12:57:24 PM



#44
 2-Fluorobiphenyl
 Concen: 73.334 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1336255		
171	36.0	29.7	44.5		
170	24.2	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 35.190 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

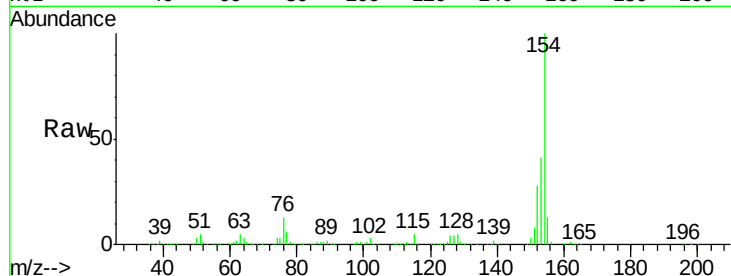
ClientSampled :

PB107480BS

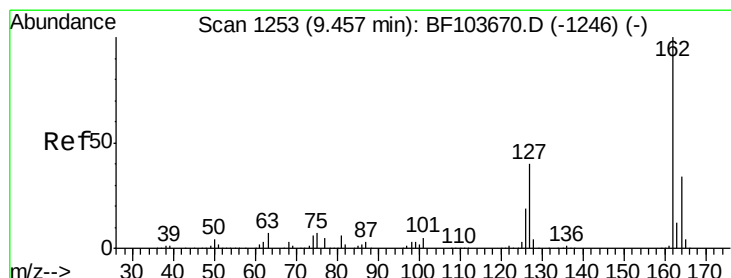
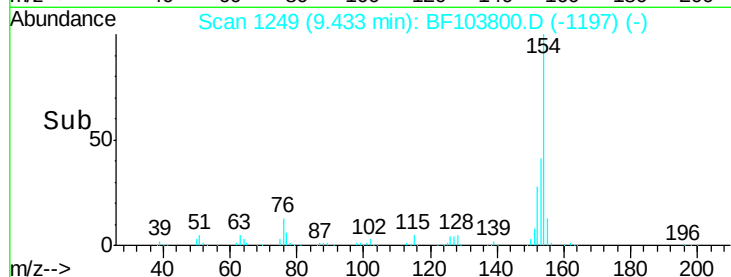
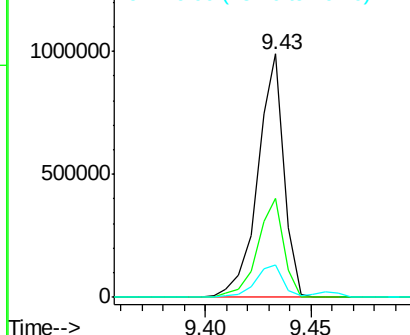
Tot Ion:	154	Resp:	852885
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	13.1	0.0	34.0

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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: 35.643 ng

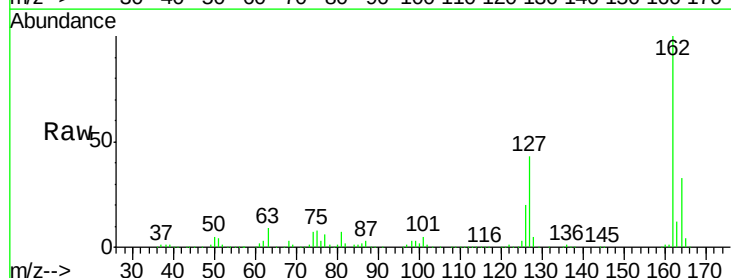
RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

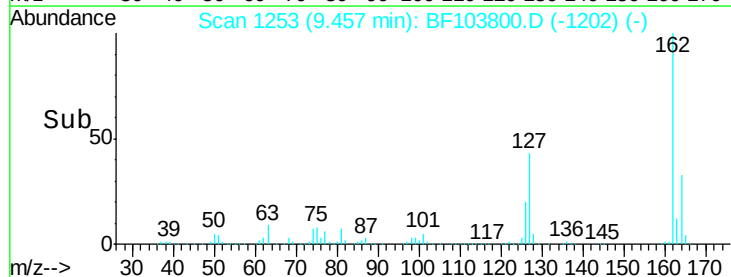
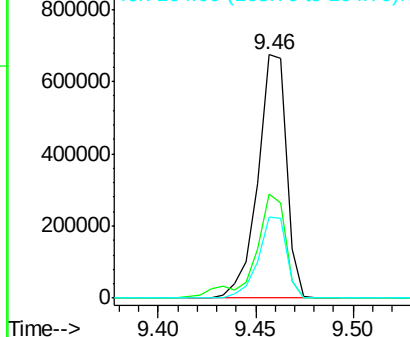
Lab File: BF103800.D

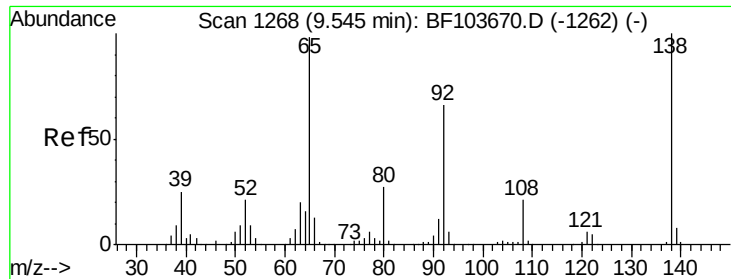
Acq: 20 Mar 2018 14:26

Tgt Ion:	162	Resp:	686139
Ion Ratio	Lower	Upper	
162	100		
127	42.9	33.9	50.9
164	33.1	26.5	39.7



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





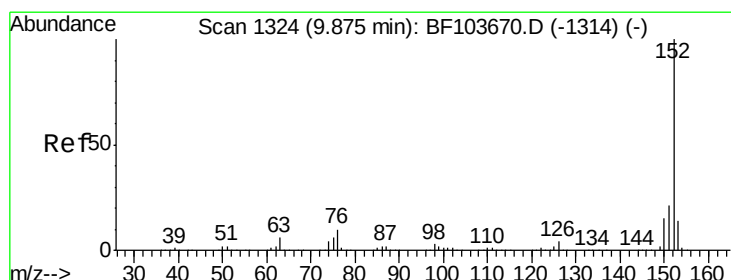
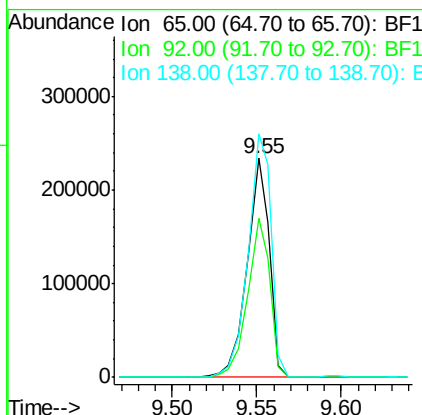
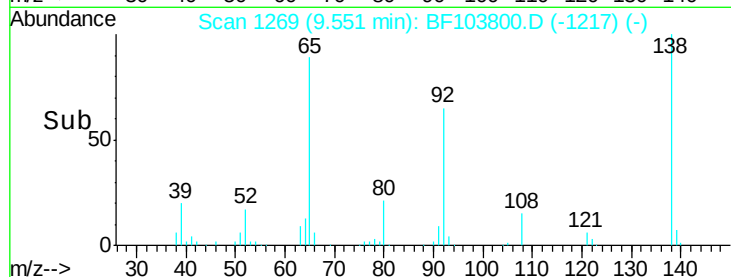
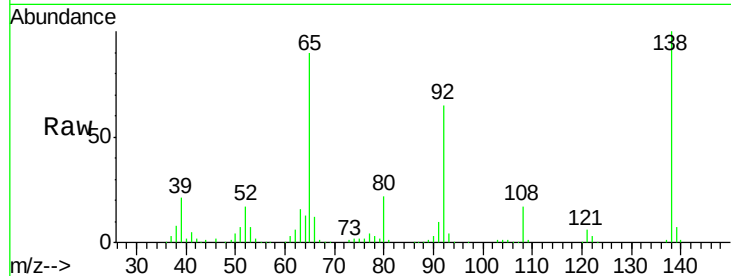
#47
 2-Nitroaniline
 Concen: 43.467 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.7	55.8	83.6
138	111.2	91.2	136.8

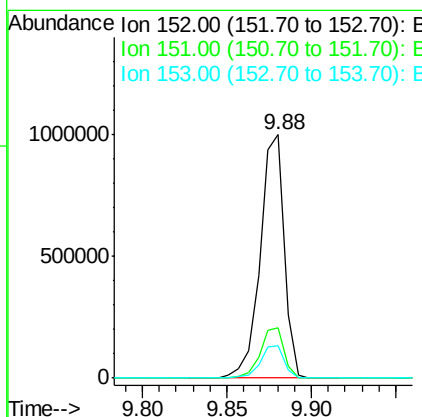
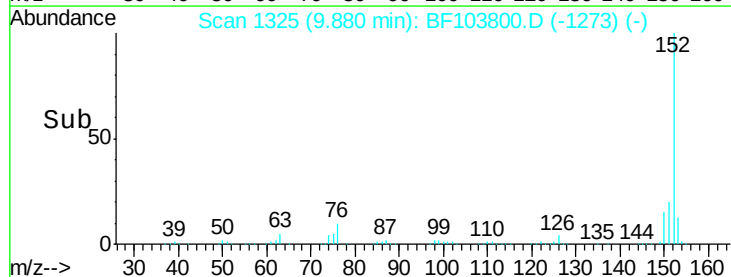
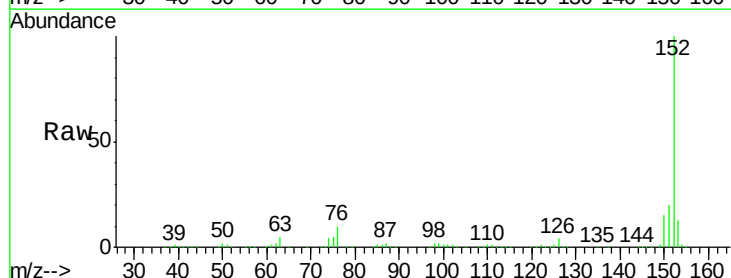
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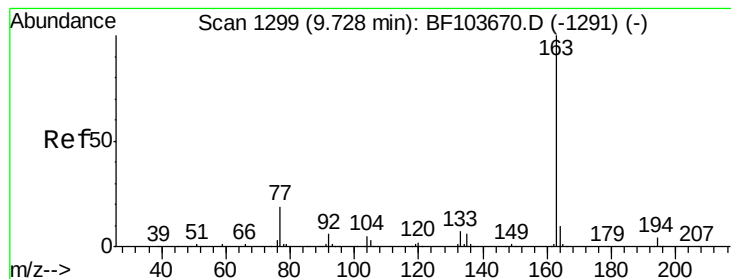
Sohil
 3/22/2018 12:57:24 PM



#48
 Acenaphthylene
 Concen: 33.013 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 35.201 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

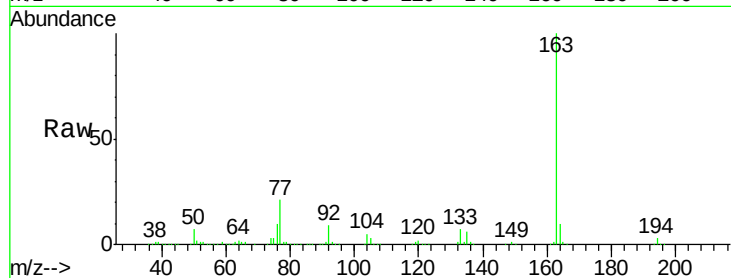
ClientSampleId :

PB107480BS

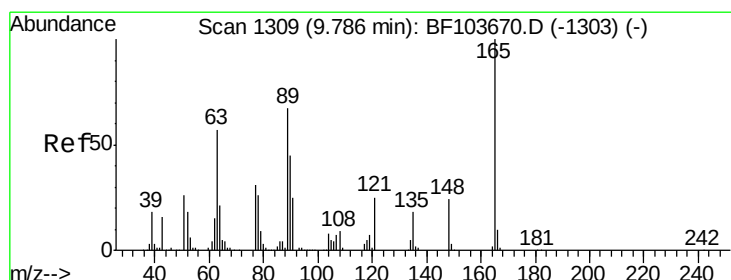
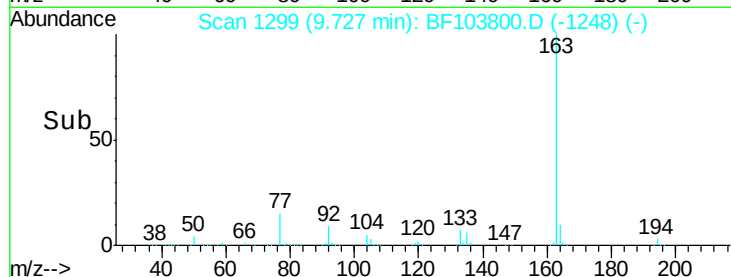
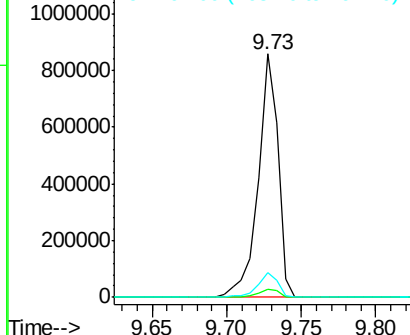
Tot Ion:	163	Resp:	780605
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2

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



#50

2,6-Dinitrotoluene

Concen: 40.988 ng

RT: 9.79 min Scan# 1310

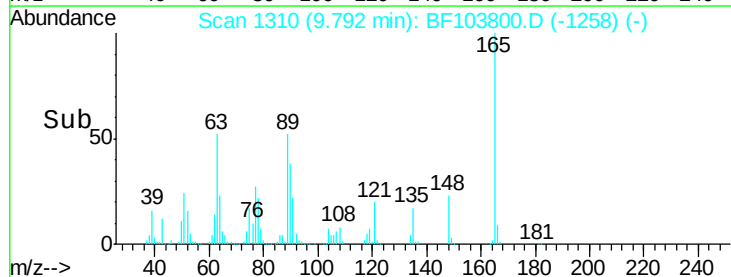
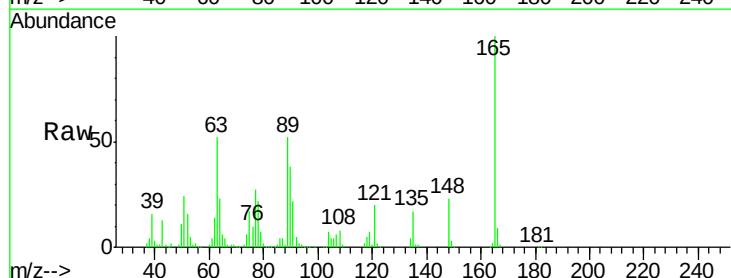
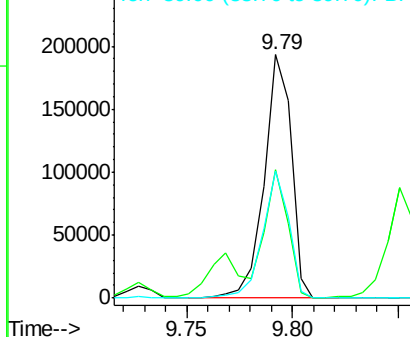
Delta R.T. 0.01 min

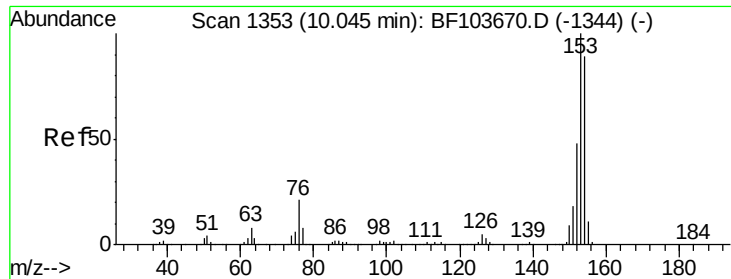
Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	165	Resp:	173109
Ion Ratio	Lower	Upper	
165	100		
63	52.5	44.7	67.1
89	52.2	44.0	66.0

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





#51

Acenaphthene

Concen: 33.378 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

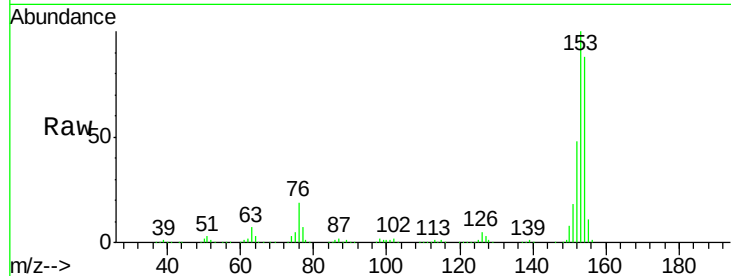
ClientSampleId :

PB107480BS

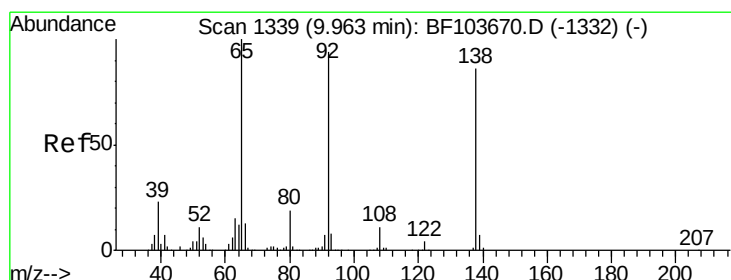
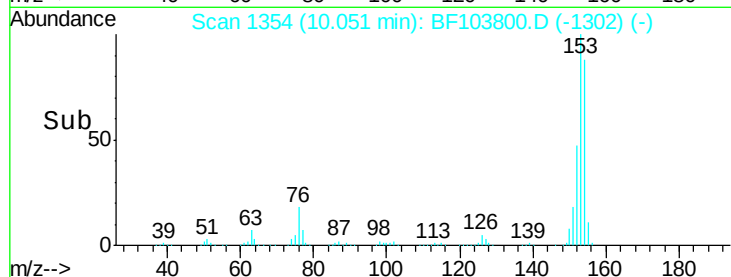
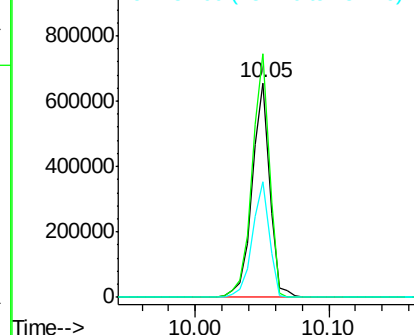
Tot Ion:	154	Resp:	591610
Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	53.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 28.085 ng

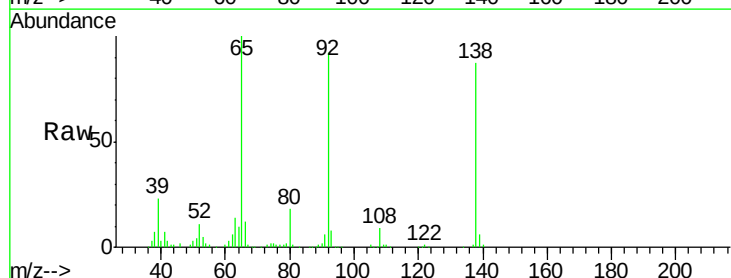
RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

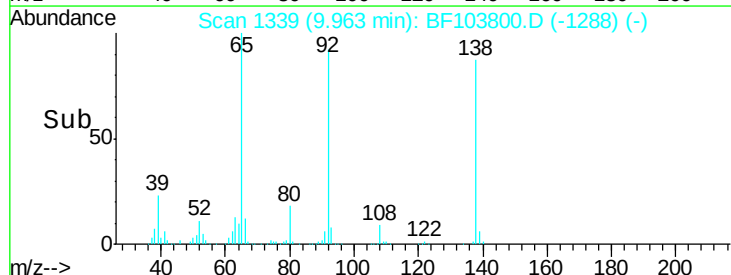
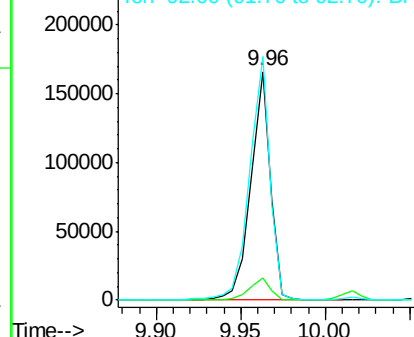
Lab File: BF103800.D

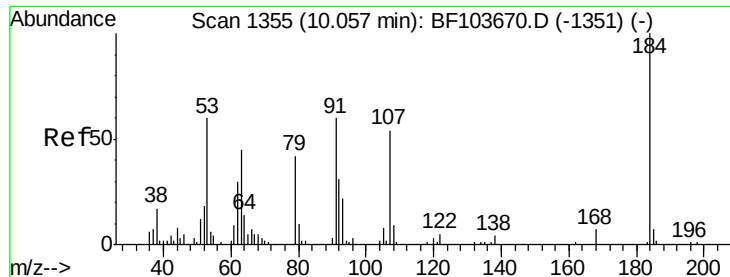
Acq: 20 Mar 2018 14:26

Tgt Ion:	138	Resp:	135555
Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	106.5	89.4	134.2



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





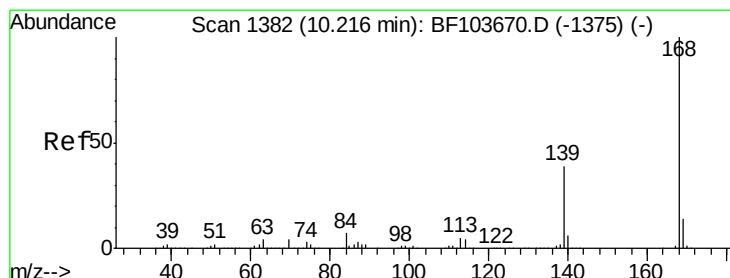
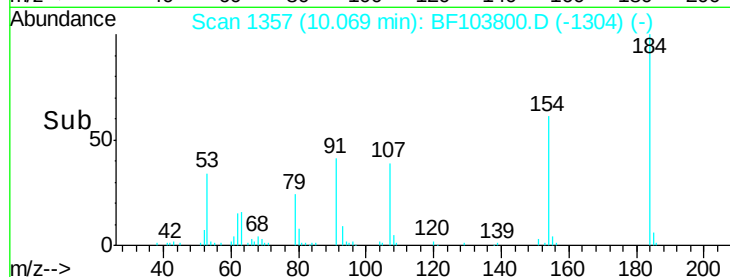
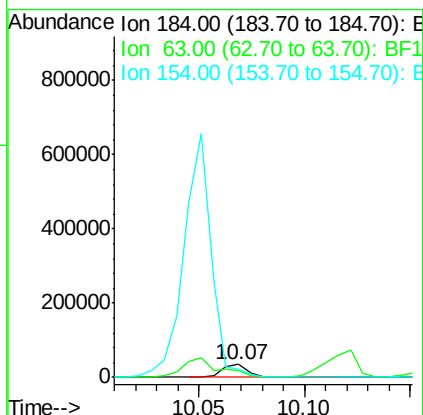
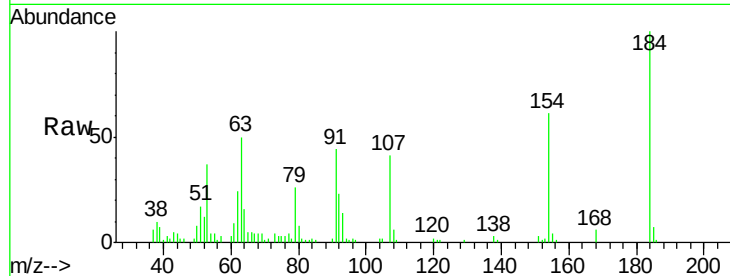
#53
2,4-Dinitrophenol
Concen: 37.813 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	49.5	54.2	81.2#
154	61.3	184.0	276.0#

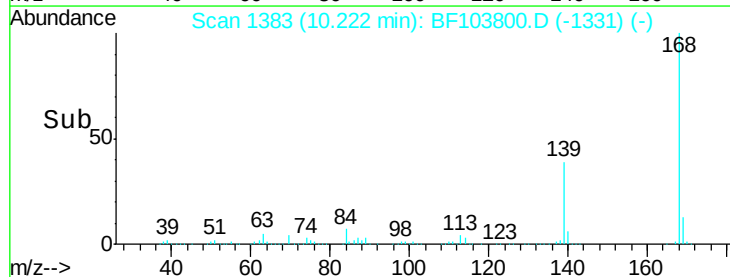
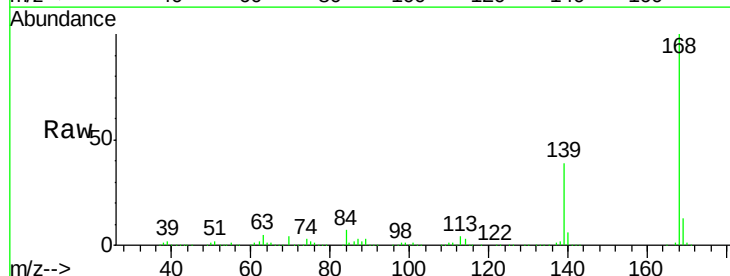
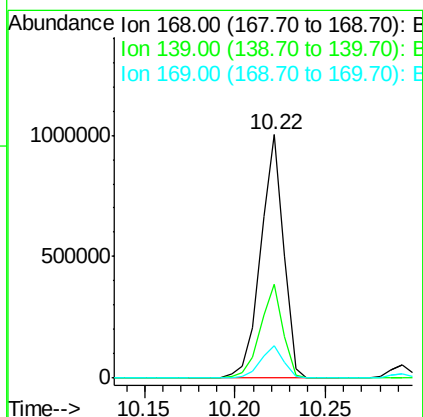
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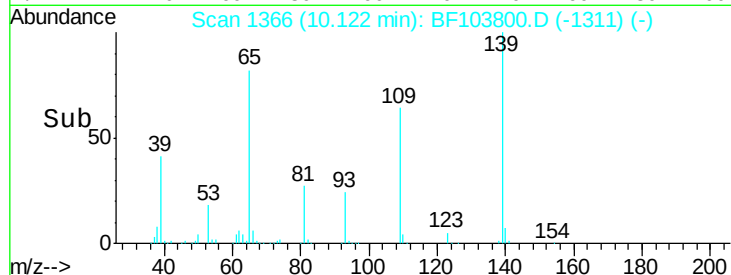
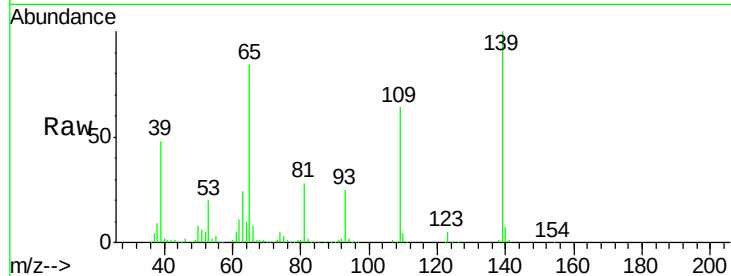
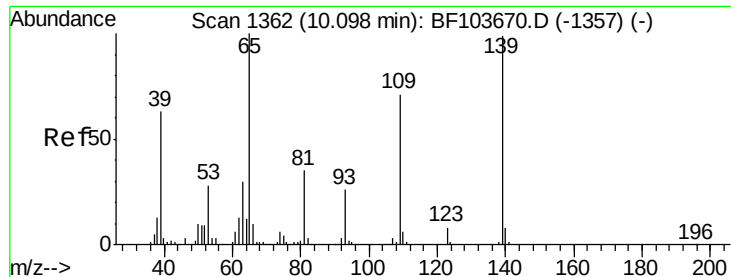
Sohil
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#54
Dibenzofuran
Concen: 34.664 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

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





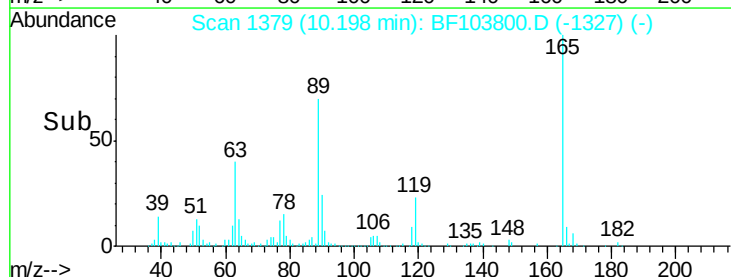
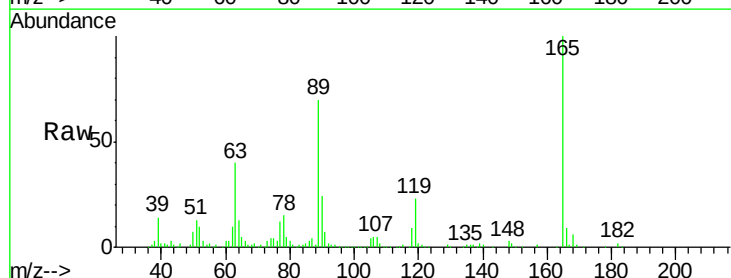
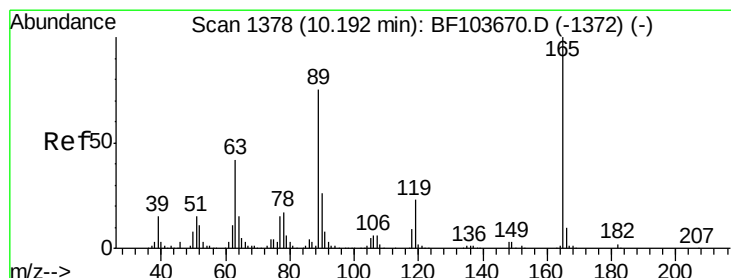
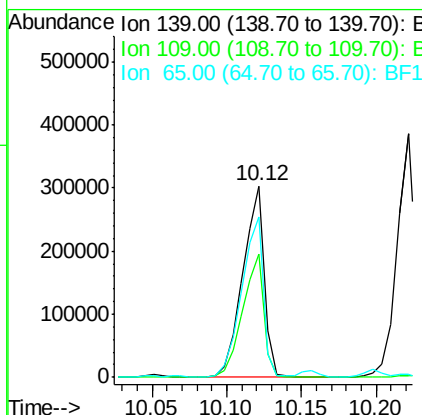
#55
4-Nitrophenol
Concen: 75.229 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampled :
PB107480BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.4	48.4	88.4
65	84.0	72.6	112.6

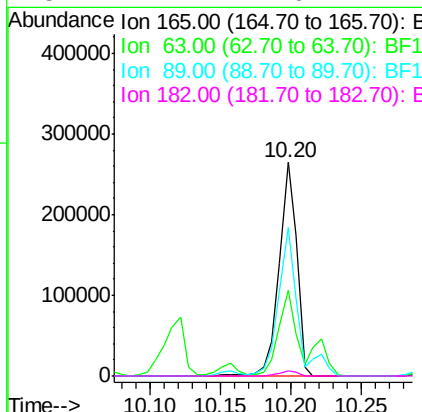
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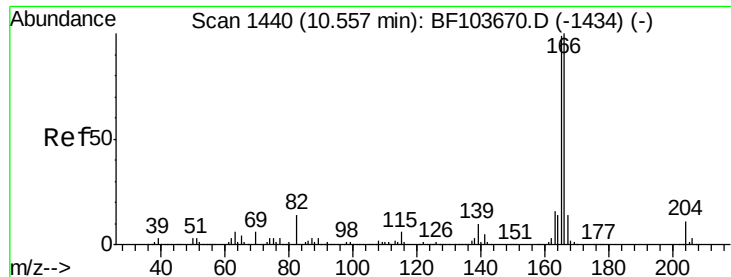
Sohil
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#56
2,4-Dinitrotoluene
Concen: 43.264 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.1	36.4	54.6
89	69.6	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 34.163 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

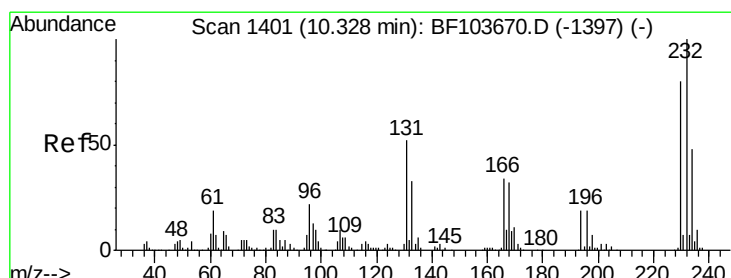
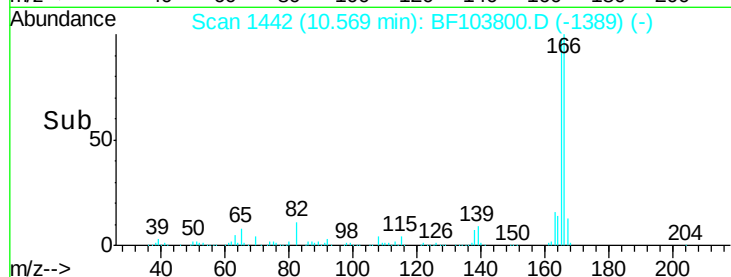
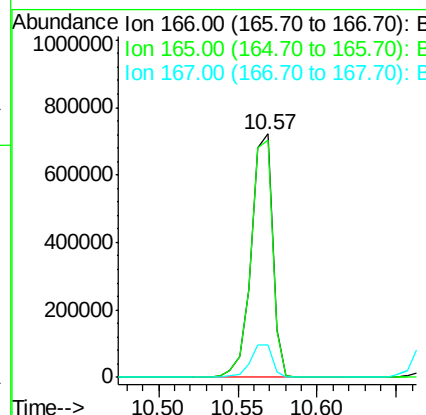
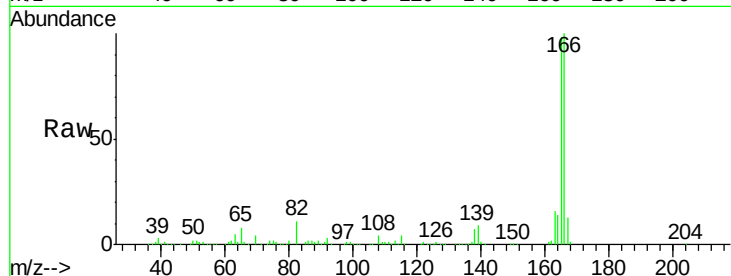
ClientSampleId :

PB107480BS

Tot Ion:	166	Resp:	671087
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.8	119.8
167	13.1	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.368 ng

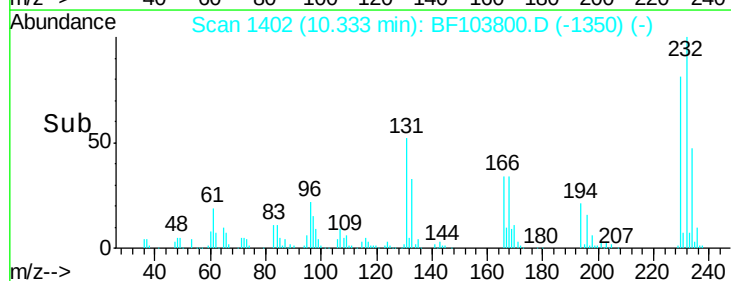
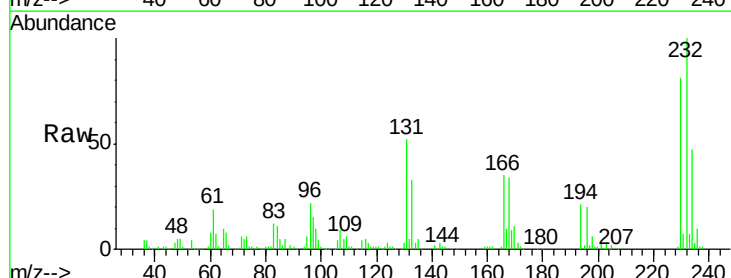
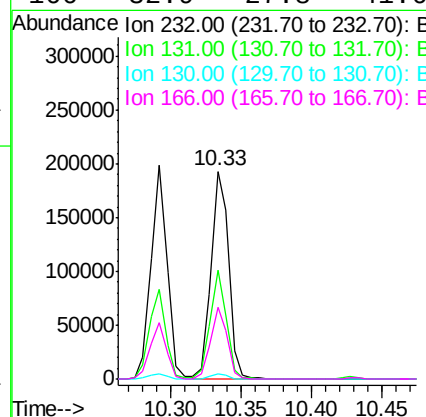
RT: 10.33 min Scan# 1402

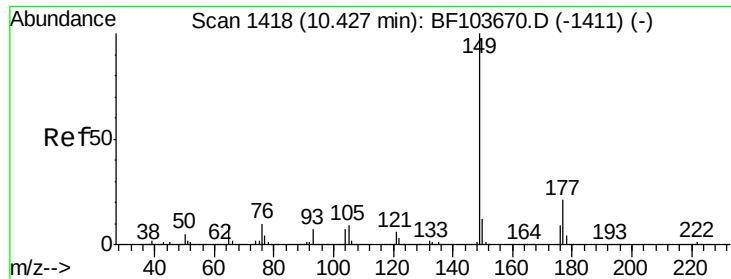
Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	232	Resp:	166995
Ion Ratio	Lower	Upper	
232	100		
131	48.6	43.8	65.8
130	2.5	2.1	3.1
166	32.9	27.8	41.6





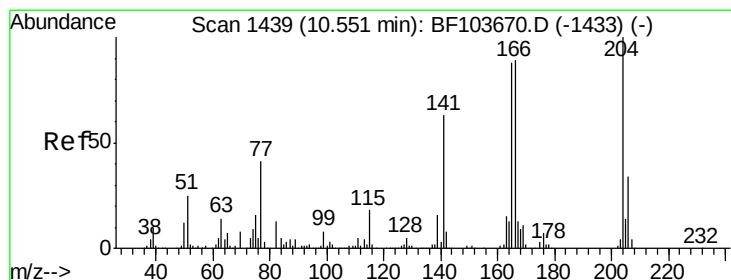
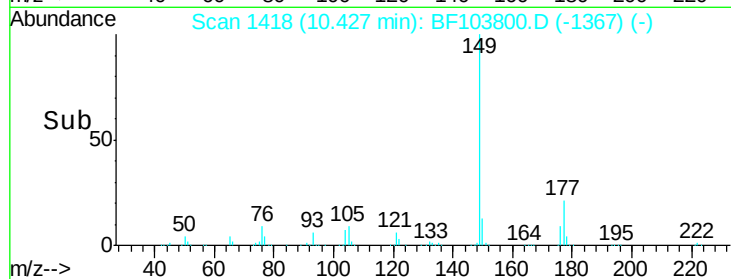
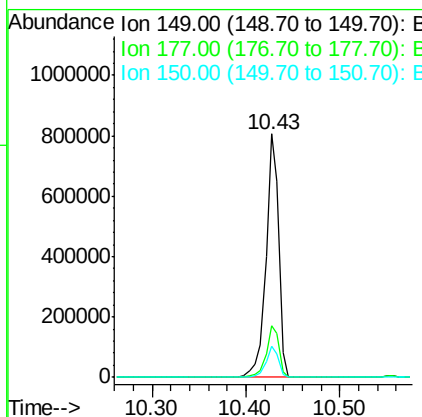
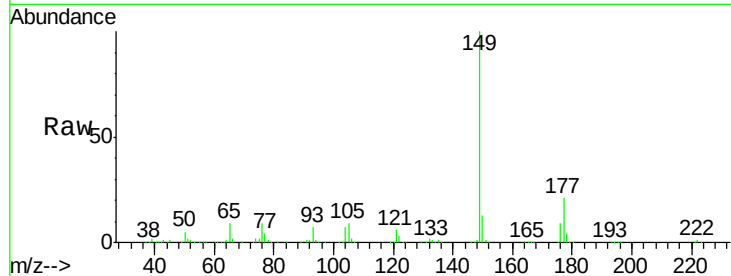
#59
Diethylphthalate
Concen: 34.179 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampled :
PB107480BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.8	10.1	15.1

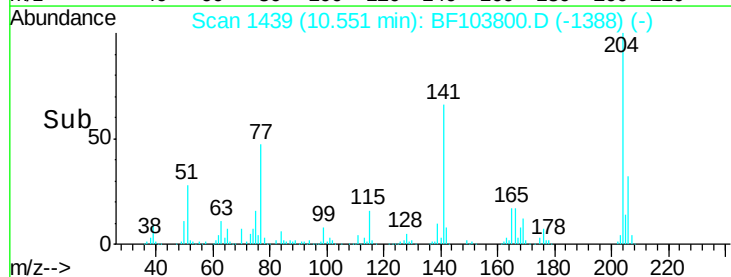
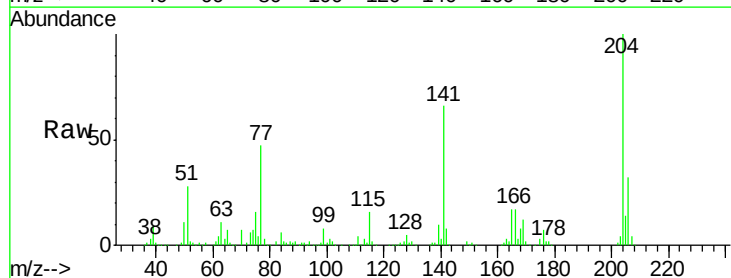
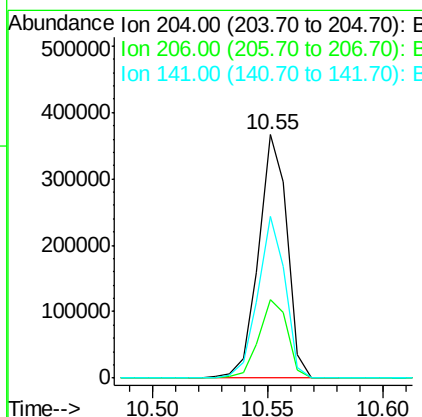
Manual Integrations
APPROVED

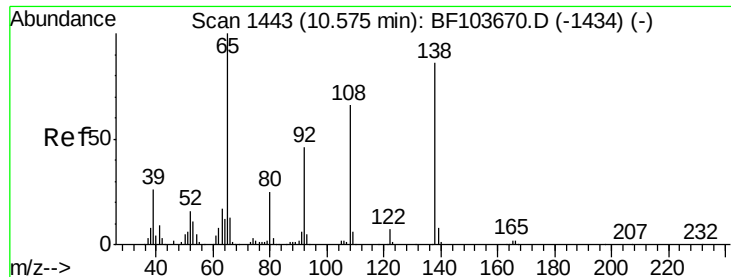
Sohil
3/22/2018 12:57:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.200 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	66.4	54.6	81.8





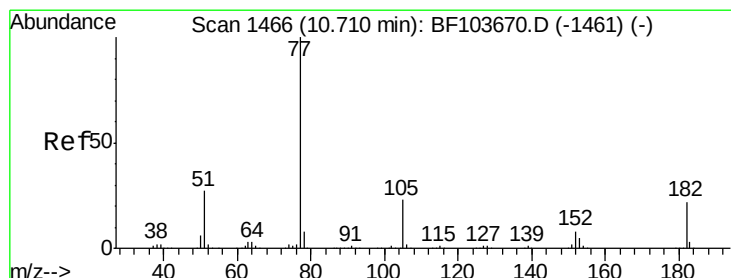
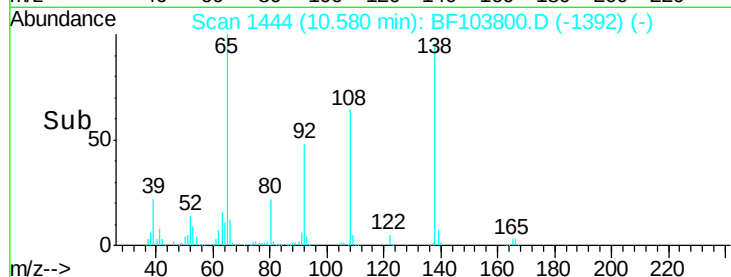
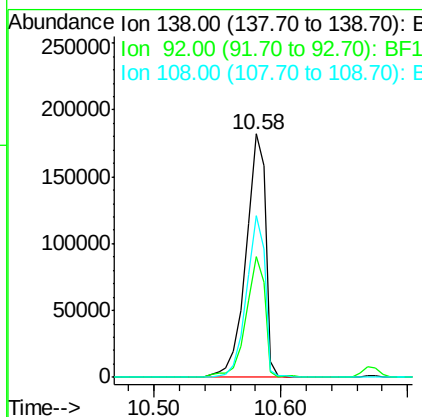
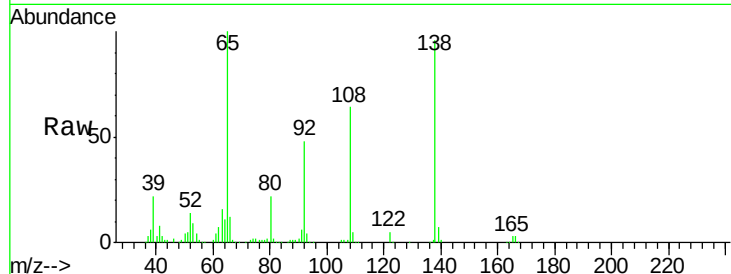
#61
4-Nitroaniline
Concen: 40.157 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.7	30.2	70.2
108	66.7	52.5	92.5

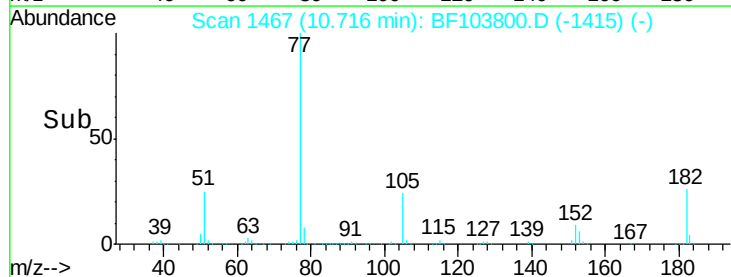
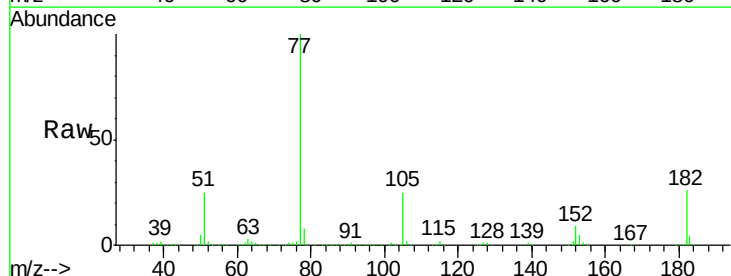
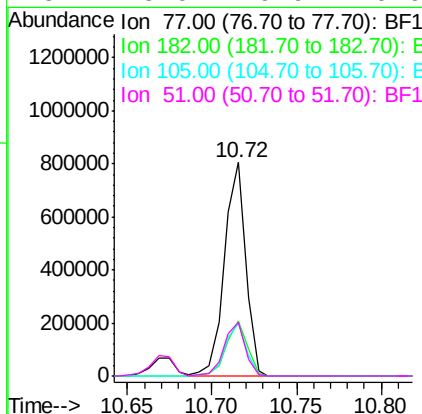
Manual Integrations
APPROVED

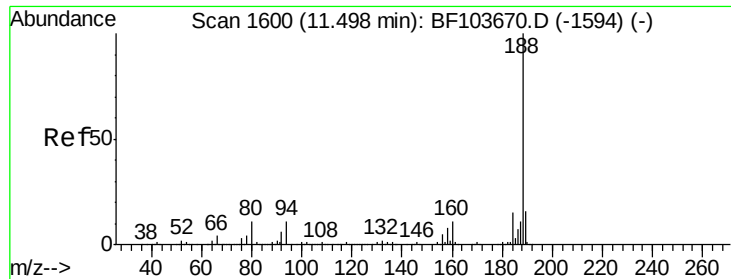
Sohil
3/22/2018 12:57:24 PM



#62
Azobenzene
Concen: 31.567 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	24.6	3.0	43.0
51	25.0	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

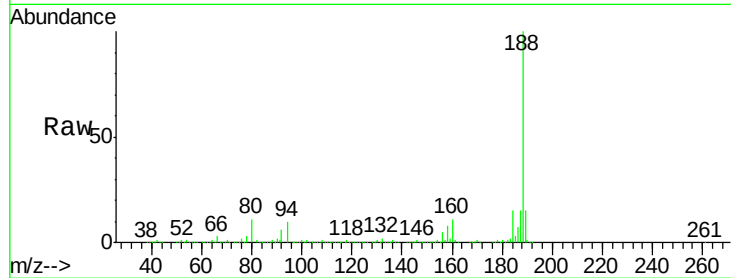
ClientSampled :

PB107480BS

Tot Ion:	188	Resp:	512502
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

Manual Integrations
APPROVED

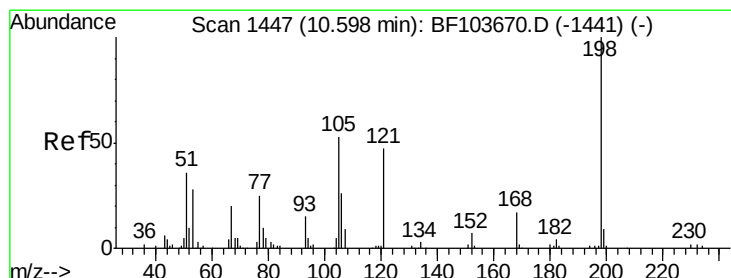
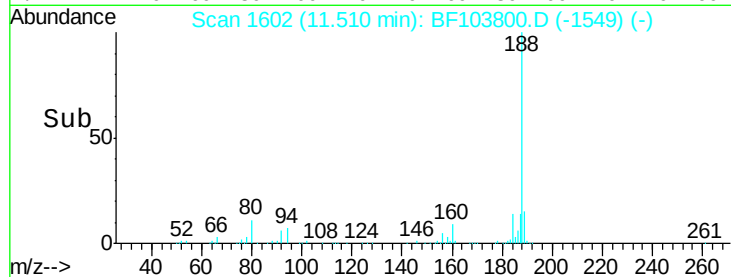
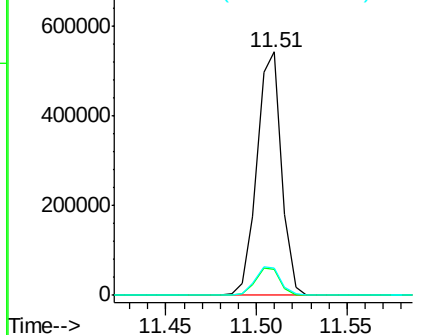
Sohil
3/22/2018 12:57:24 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 29.322 ng

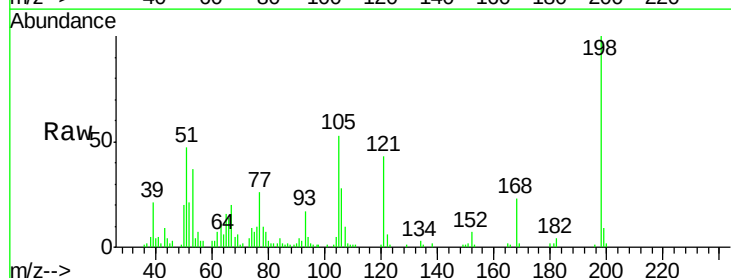
RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

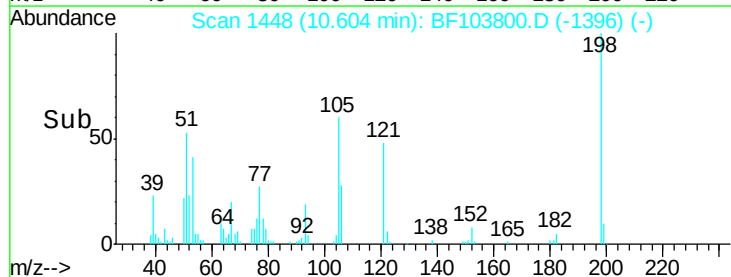
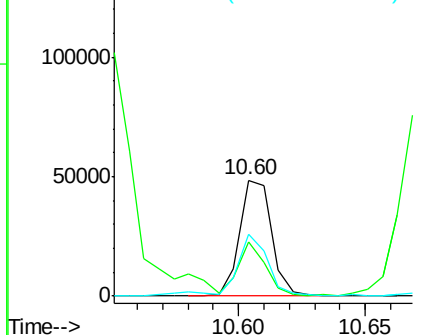
Tgt Ion:	198	Resp:	42422
Ion Ratio	Lower	Upper	
198	100		
51	46.8	37.7	77.7
105	53.3	36.3	76.3

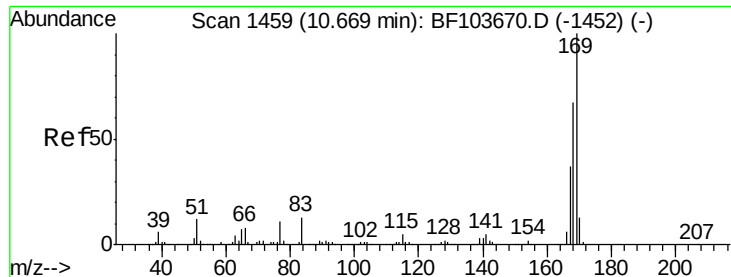


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





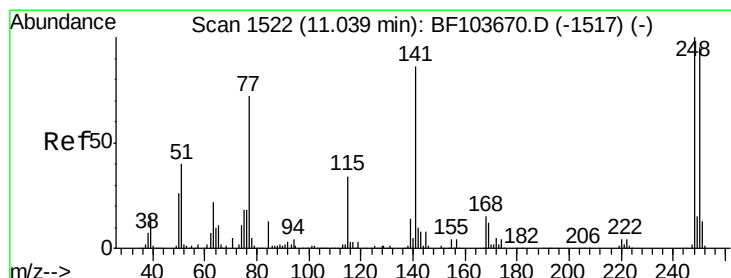
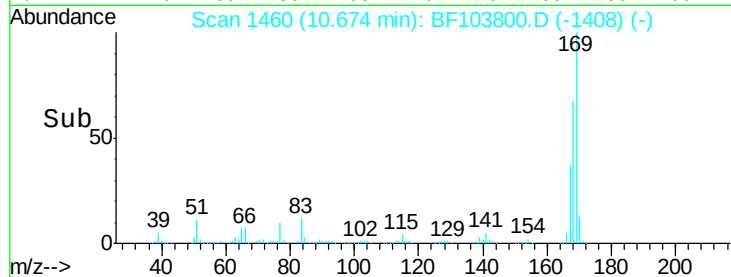
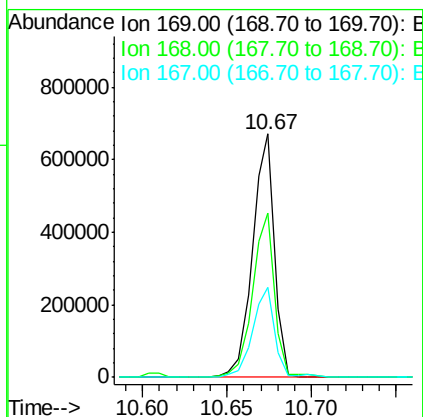
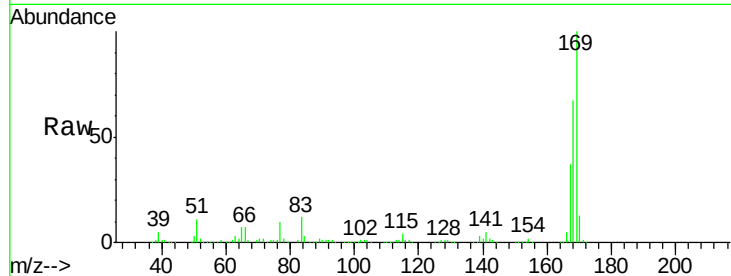
#65
 n-Nitrosodiphenylamine
 Concen: 34.959 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	609847		
168	67.5		54.4	81.6
167	37.2		29.8	44.6

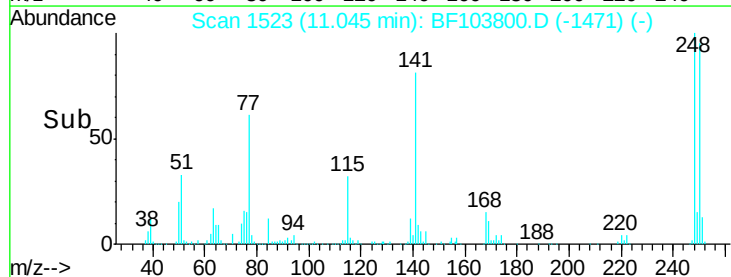
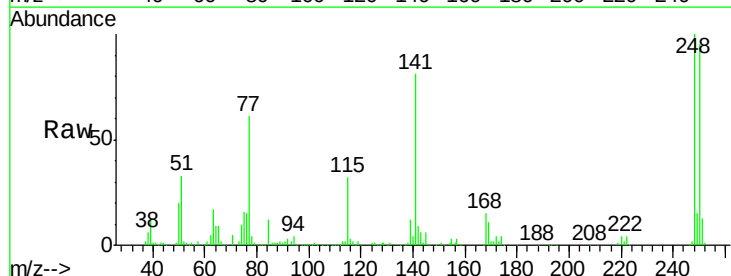
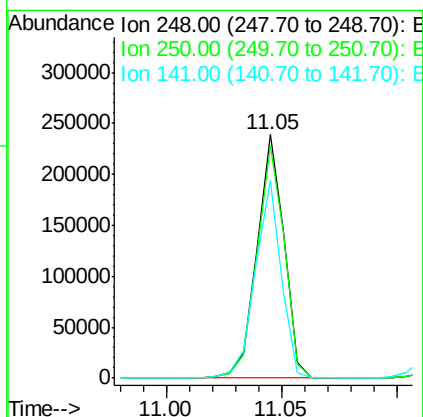
Manual Integrations
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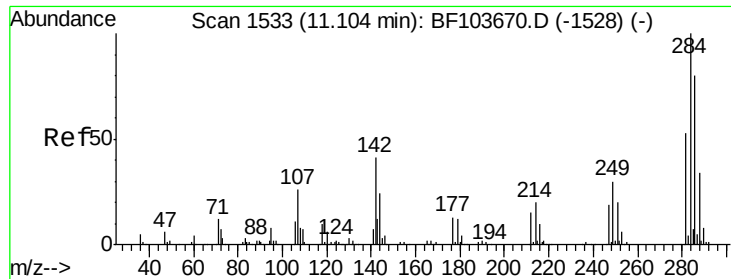
Sohil
 3/22/2018 12:57:24 PM



#66
 4-Bromophenyl-phenylether
 Concen: 37.115 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	195303		
250	95.3		76.9	115.3
141	81.0		74.4	111.6





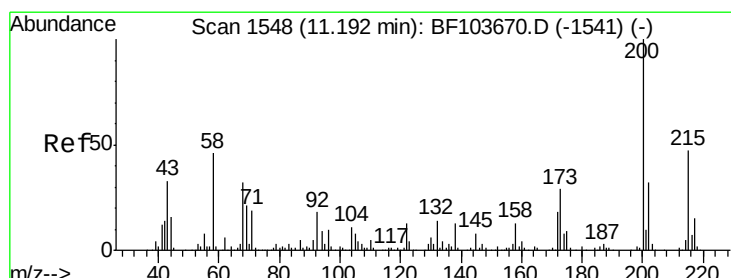
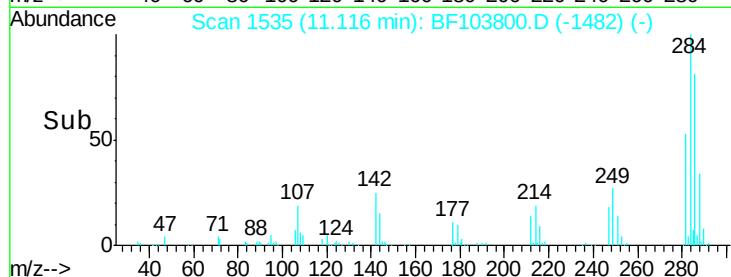
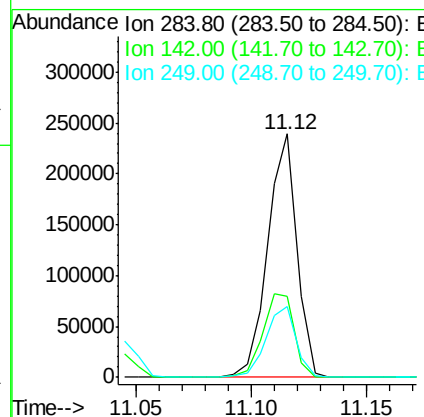
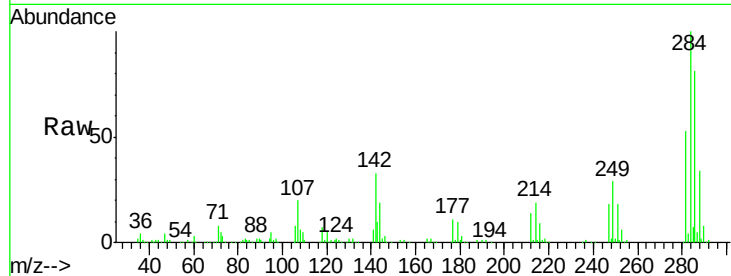
#67
Hexachlorobenzene
Concen: 35.002 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	210215		
142	33.2	34.6	52.0	
249	29.3	24.8	37.2	

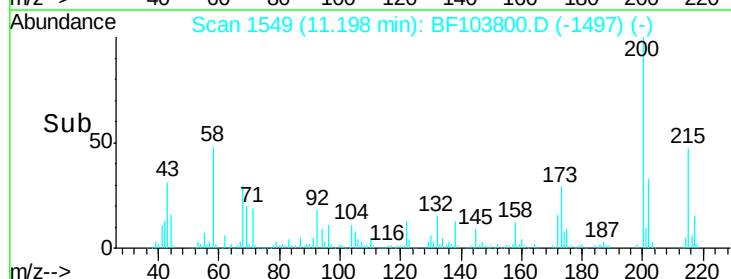
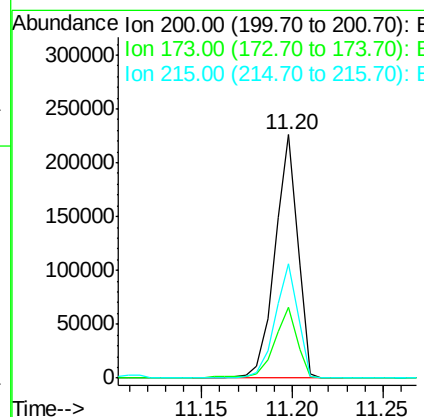
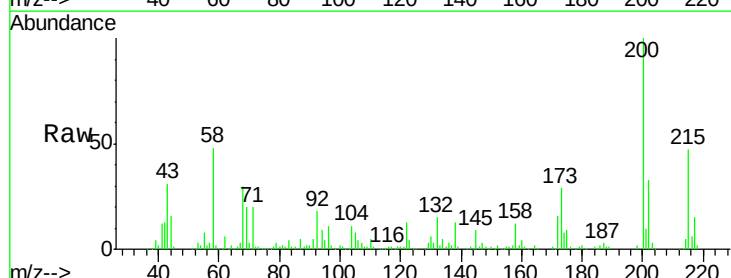
Manual Integrations
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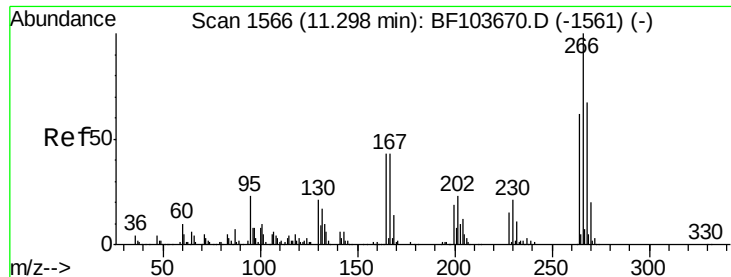
Sohil
3/22/2018 12:57:24 PM



#68
Atrazine
Concen: 36.289 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	195827		
173	28.9	8.6	48.6	
215	47.2	25.1	65.1	





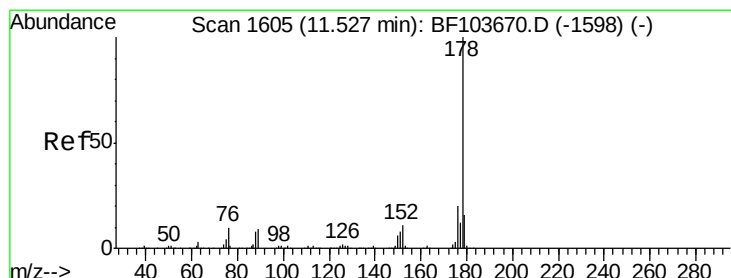
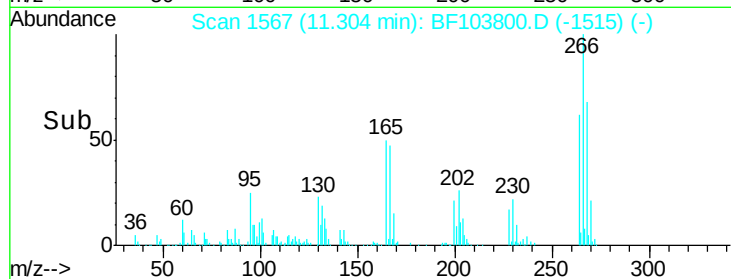
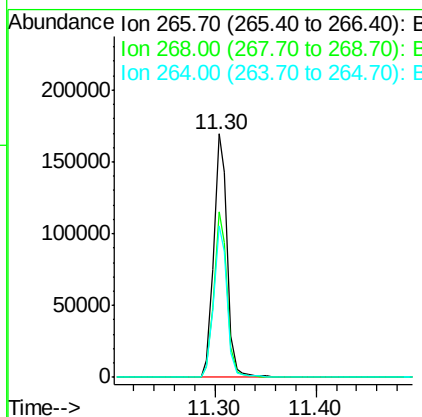
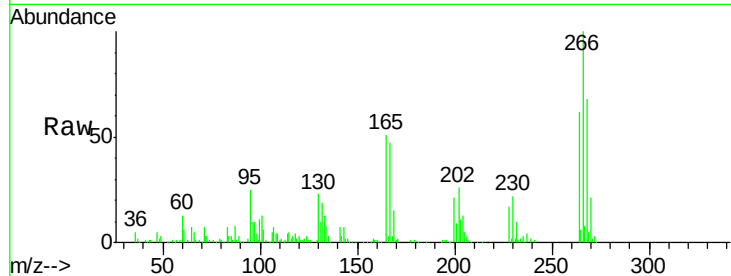
#69
 Pentachlorophenol
 Concen: 45.603 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157457		
268	68.2	51.1	76.7	
264	62.4	49.5	74.3	

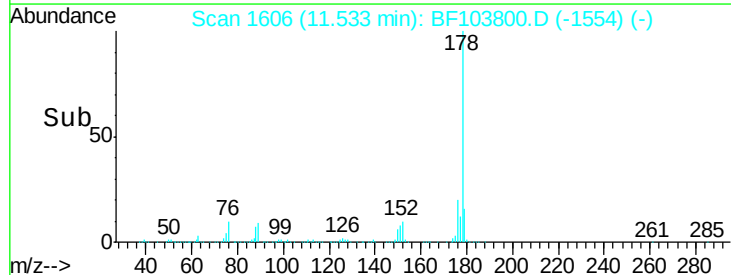
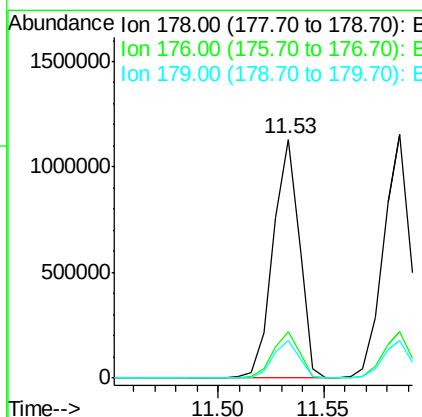
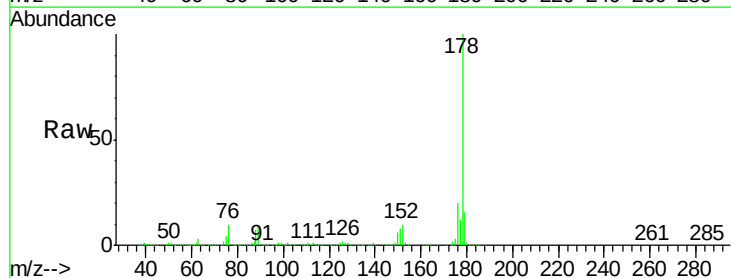
Manual Integrations
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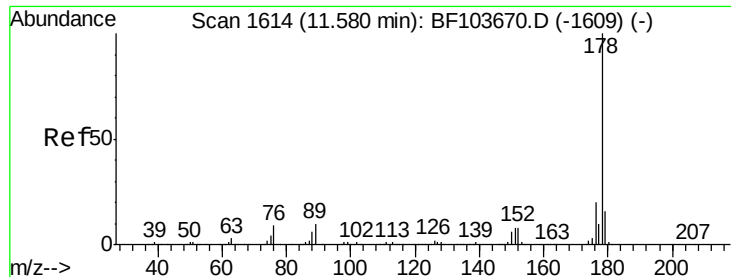
Sohil
 3/22/2018 12:57:24 PM



#70
 Phenanthrene
 Concen: 35.001 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	981261		
176	19.6	15.8	23.8	
179	15.8	13.0	19.6	





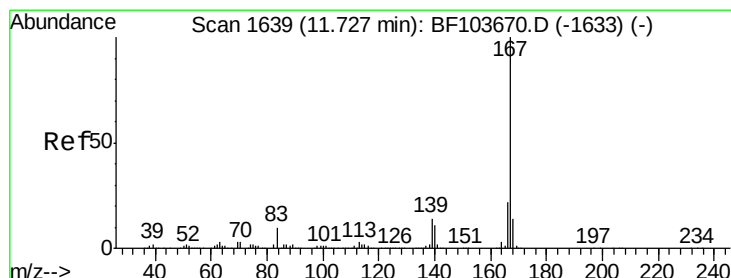
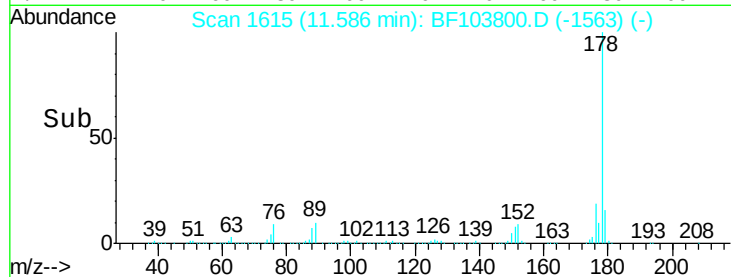
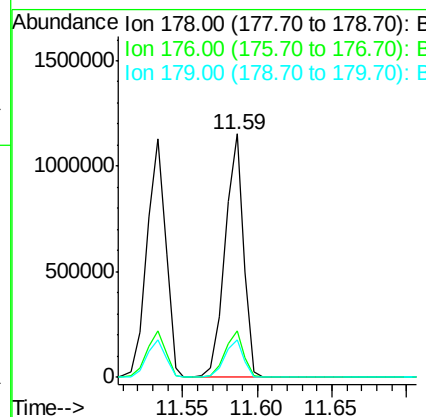
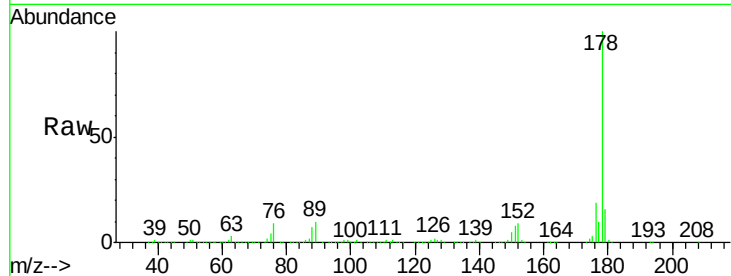
#71
 Anthracene
 Concen: 35.462 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	19.0

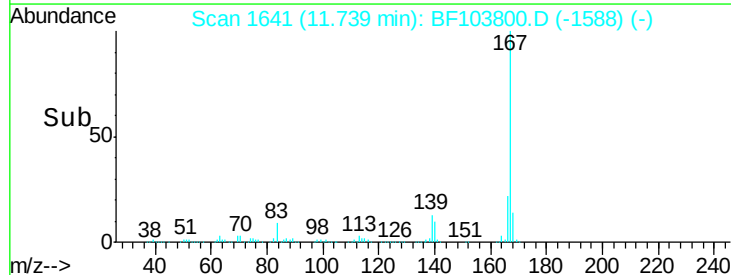
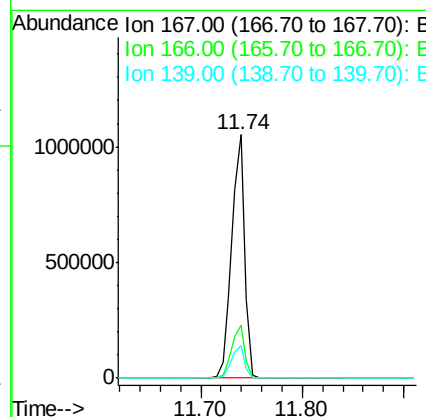
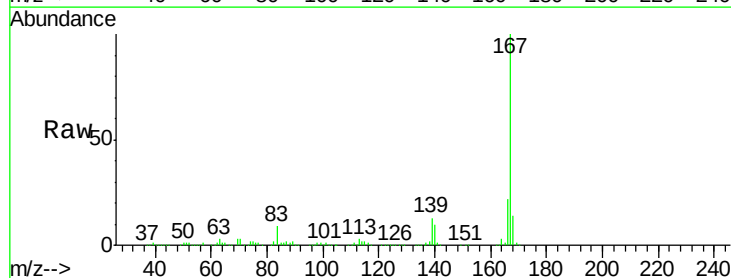
Manual Integrations
 APPROVED

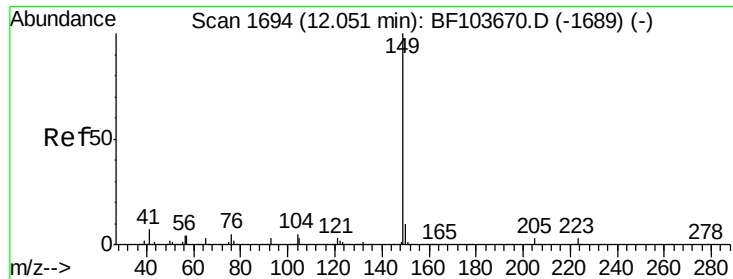
Sohil
 3/22/2018 12:57:24 PM



#72
 Carbazole
 Concen: 33.961 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.411 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

ClientSampleId :

PB107480BS

Tot Ion:149 Resp: 1209125

Ion Ratio Lower Upper

149 100

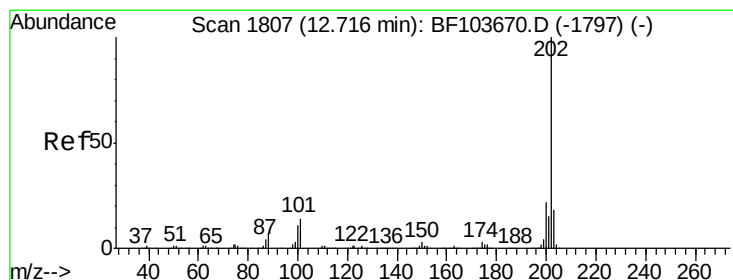
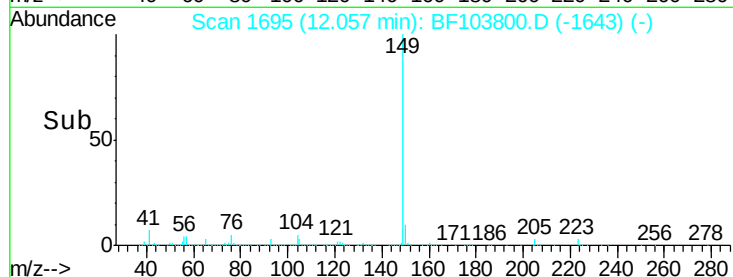
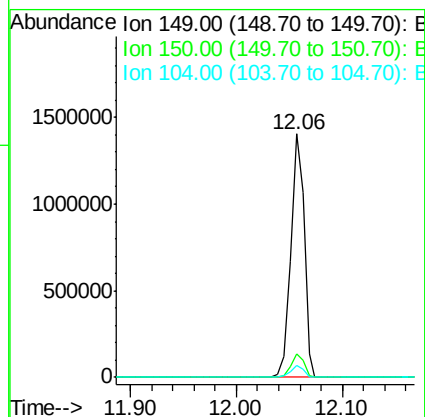
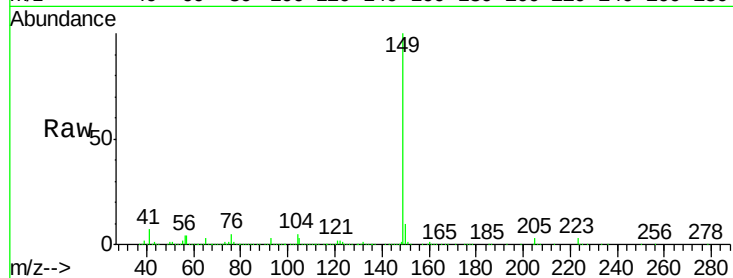
150 9.5 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
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#74

Fluoranthene

Concen: 36.529 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

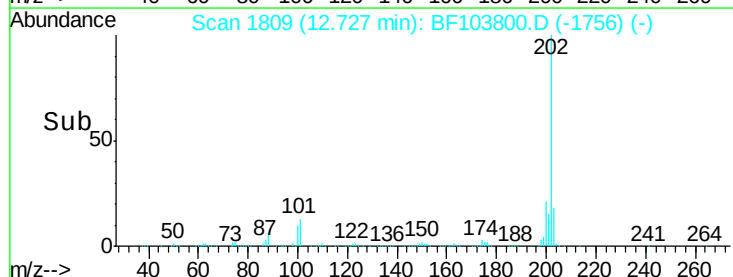
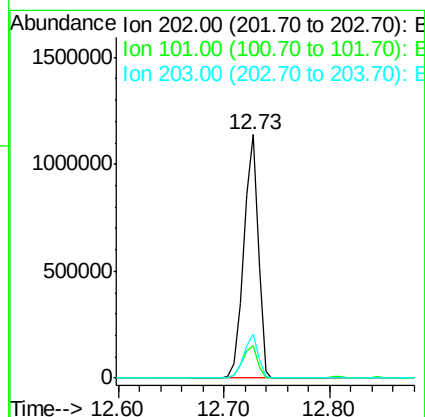
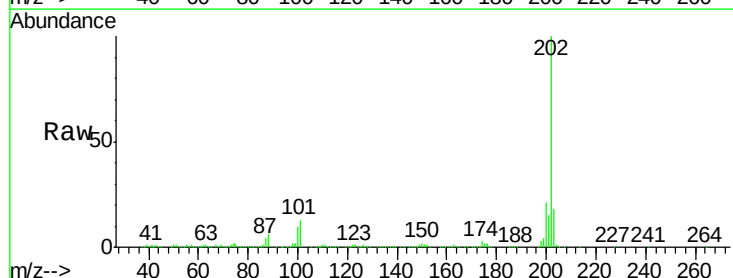
Tgt Ion:202 Resp: 1055038

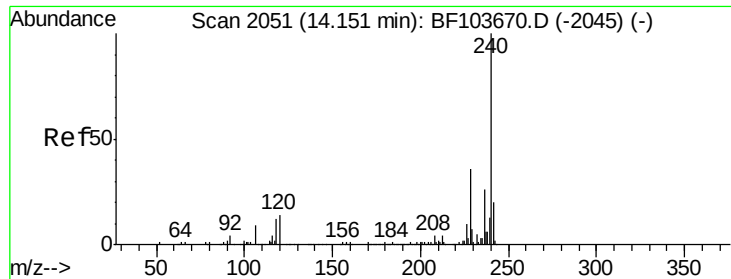
Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

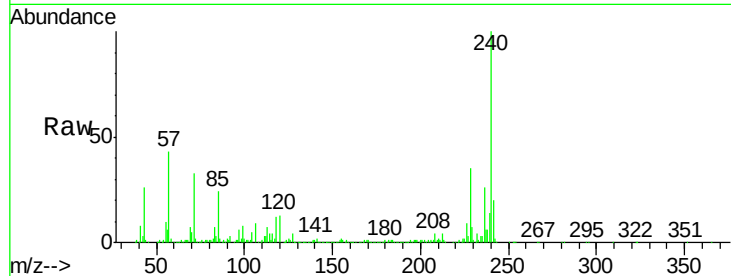
ClientSampleId :

PB107480BS

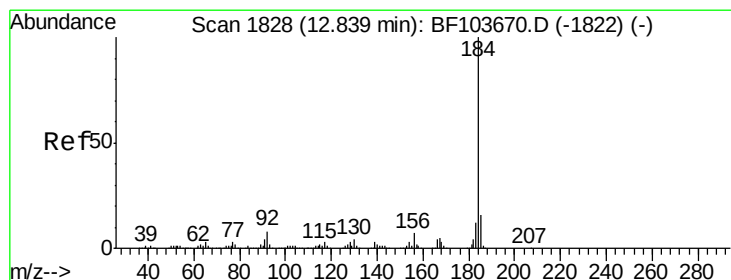
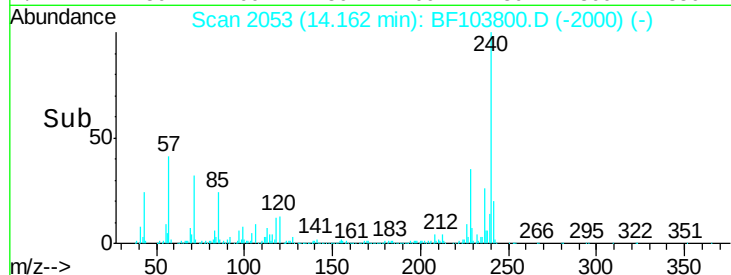
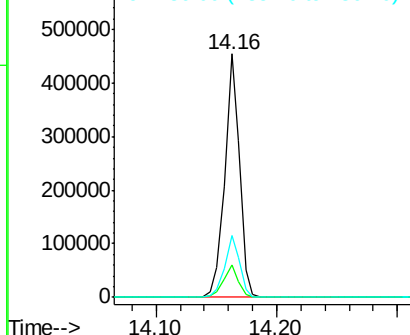
Tot Ion:	240	Resp:	382472
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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3/22/2018 12:57:24 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.319 ng

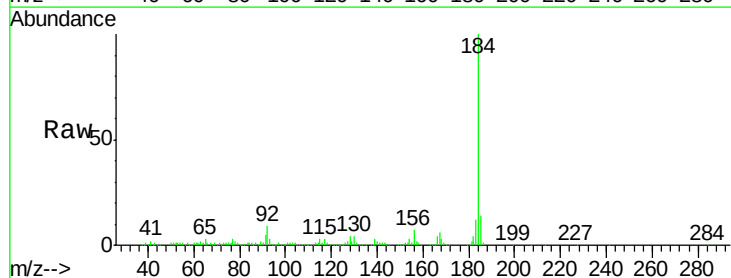
RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

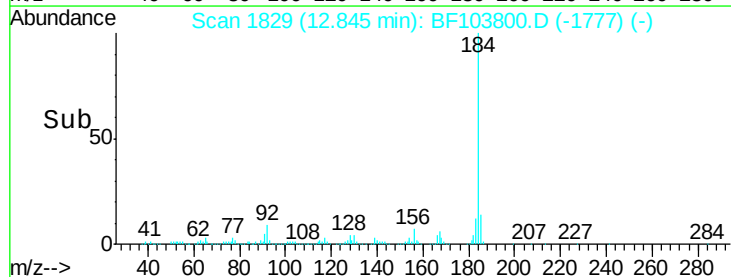
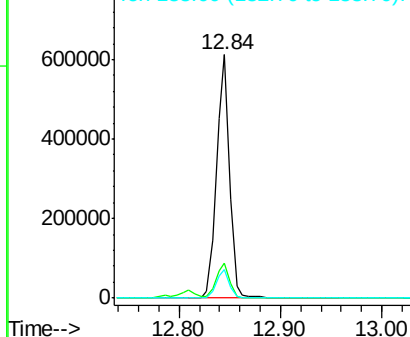
Lab File: BF103800.D

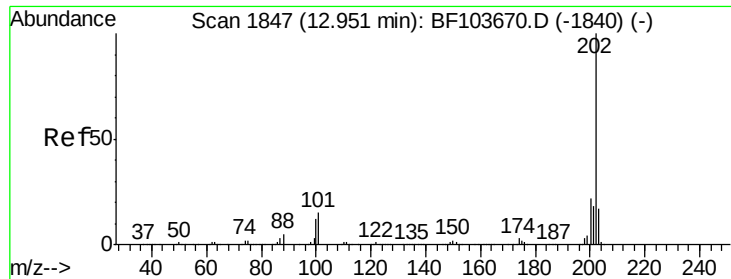
Acq: 20 Mar 2018 14:26

Tgt Ion:	184	Resp:	543525
Ion Ratio	Lower	Upper	
184	100		
185	14.2	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





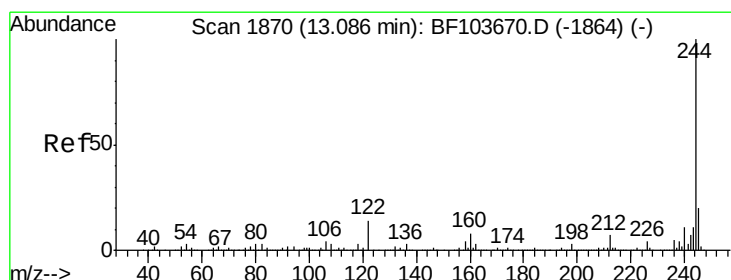
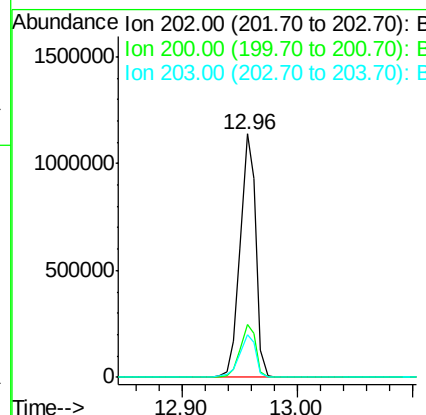
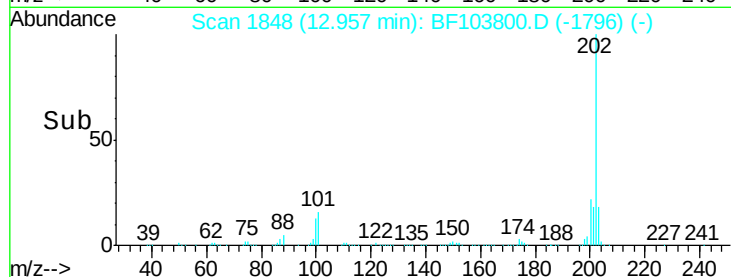
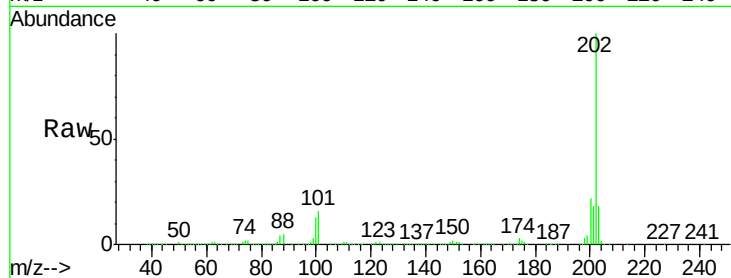
#77
Pvrene
Concen: 38.065 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.6	14.3	21.5

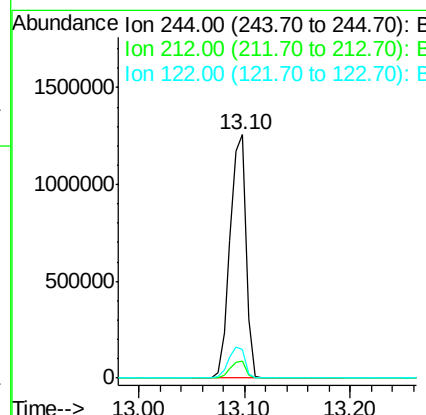
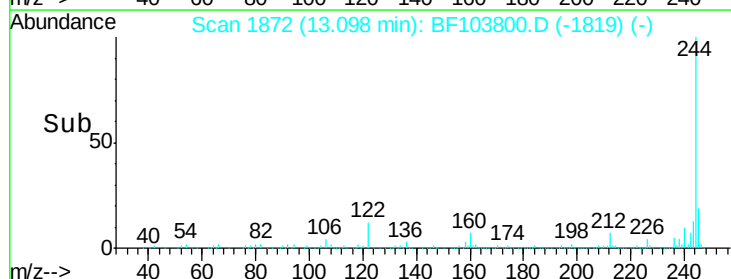
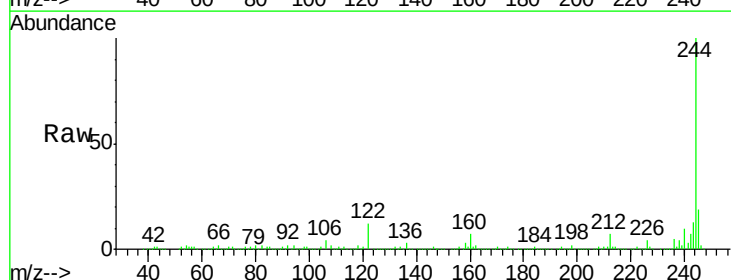
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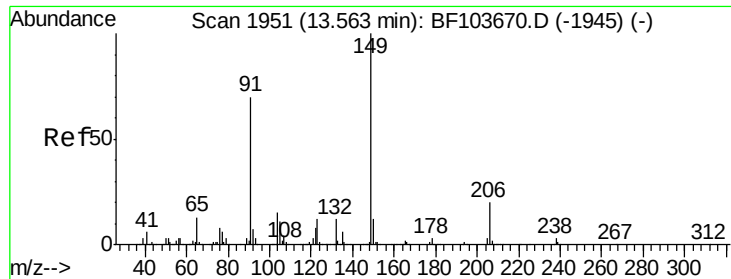
Sohil
3/22/2018 12:57:24 PM



#78
Terphenyl-d14
Concen: 79.826 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.7	11.0	16.4





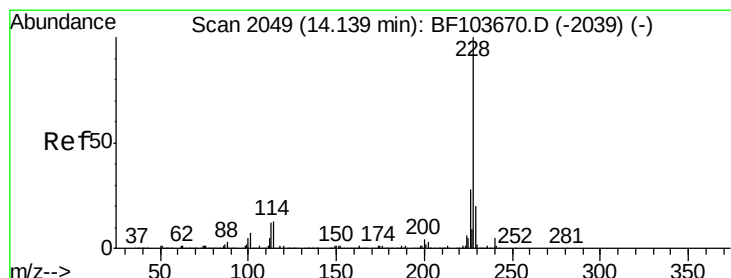
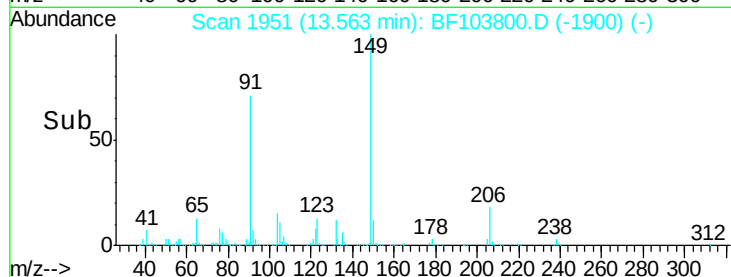
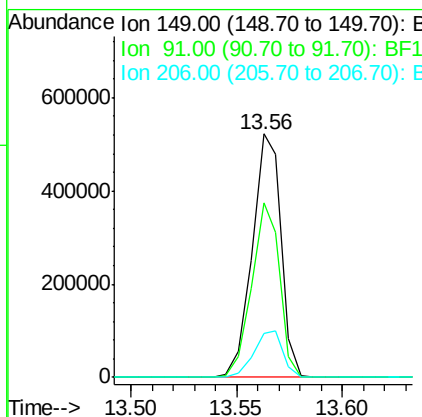
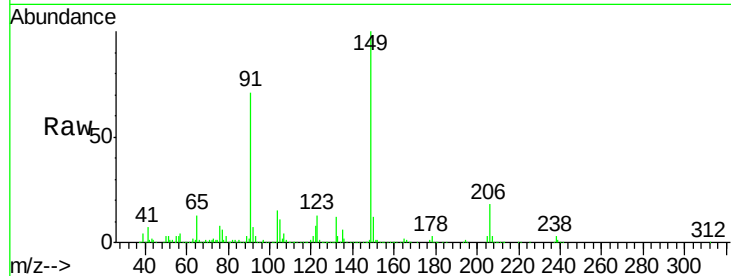
#79
Butylbenzylphthalate
Concen: 39.665 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	493615		
91	71.5	56.8	85.2	
206	18.0	14.1	21.1	

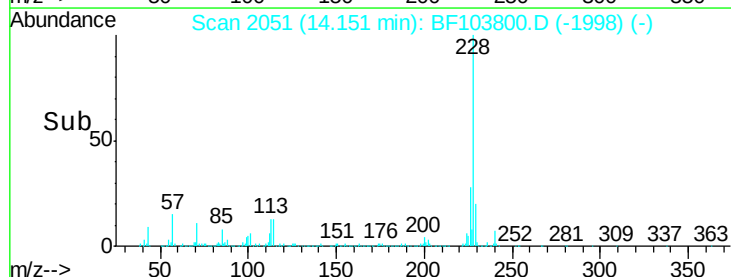
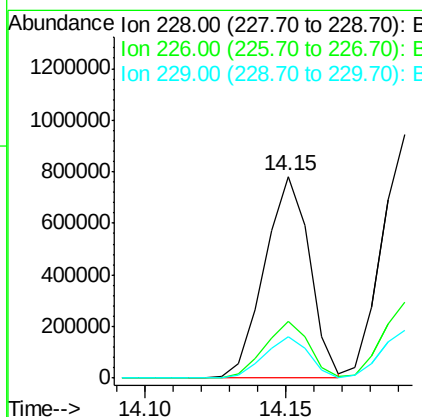
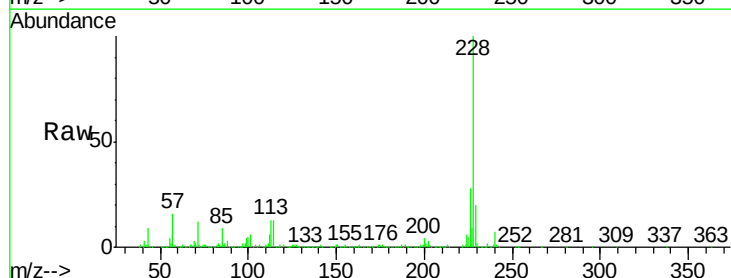
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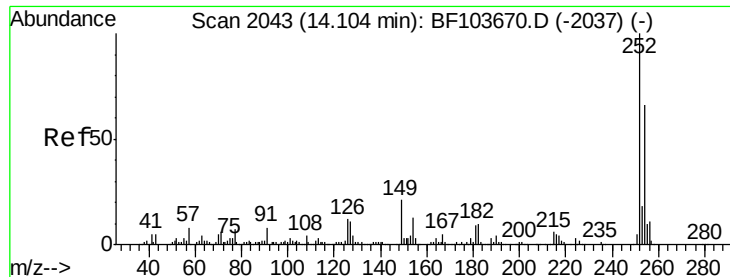
Sohil
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#80
Benzo(a)anthracene
Concen: 35.743 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	865353		
226	28.3	22.6	33.8	
229	20.3	15.8	23.6	





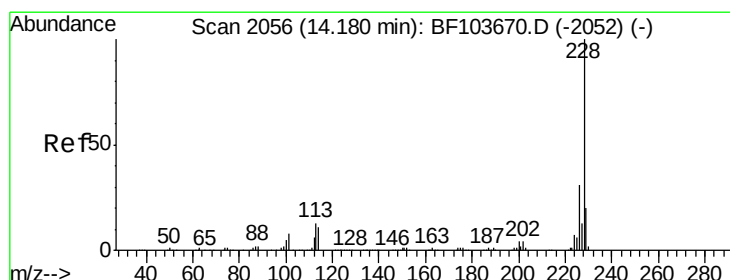
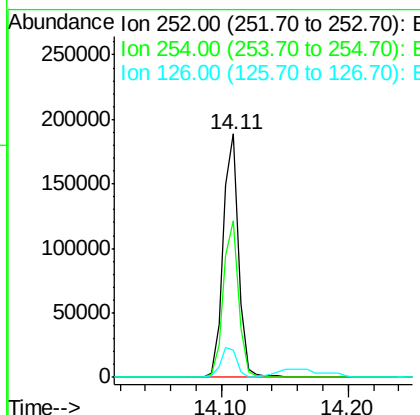
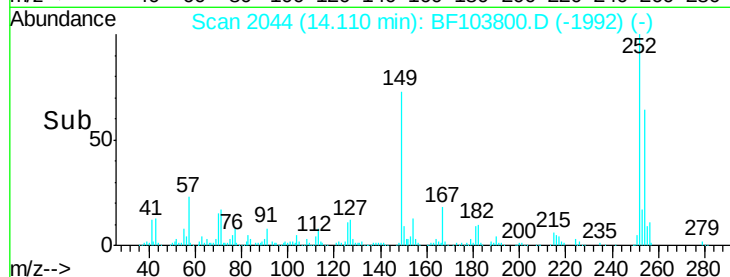
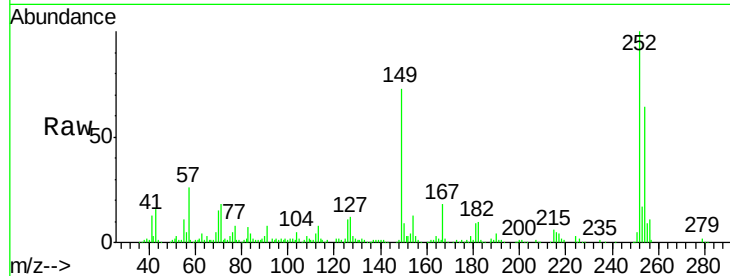
#81
 3,3'-Dichlorobenzidine
 Concen: 19.837 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	50.4	75.6
126	11.3	11.3	16.9

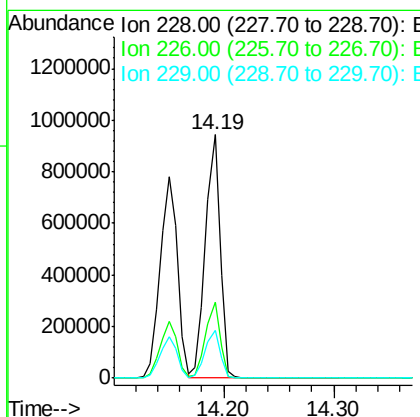
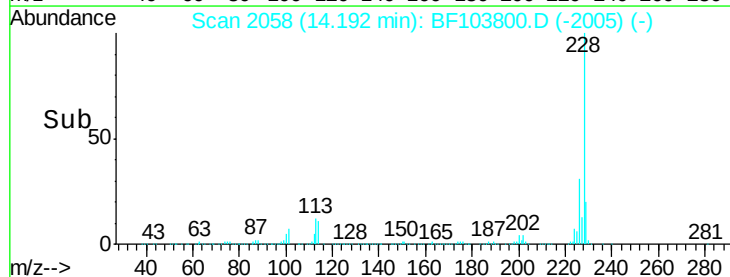
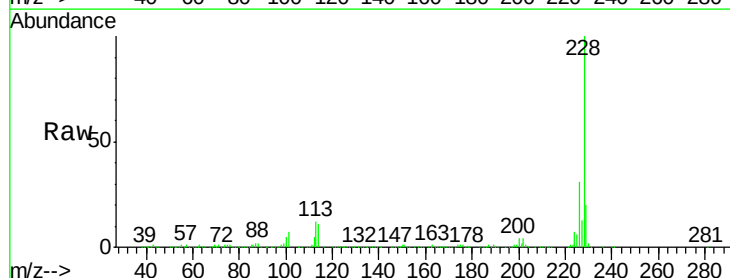
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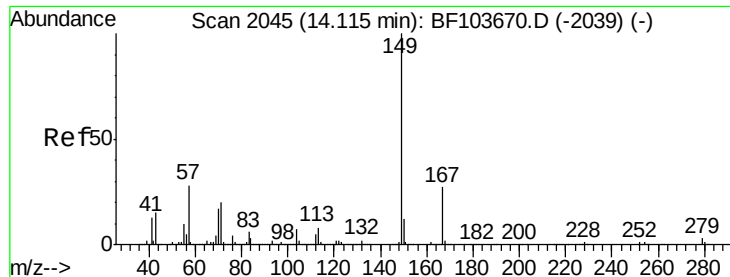
Sohil
 3/22/2018 12:57:24 PM



#82
 Chrysene
 Concen: 36.656 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.738 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Instrument :

BNA_F

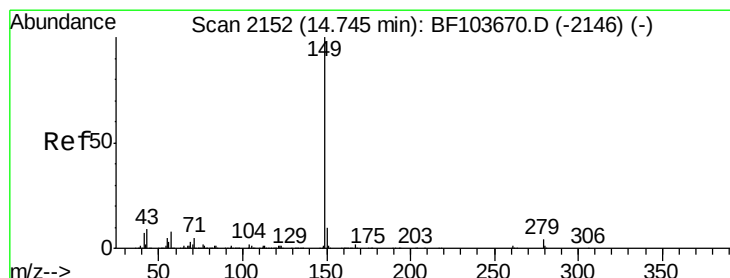
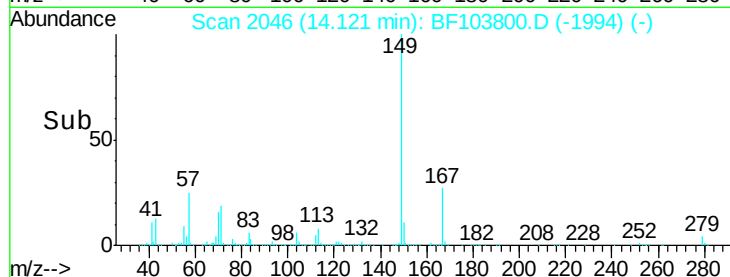
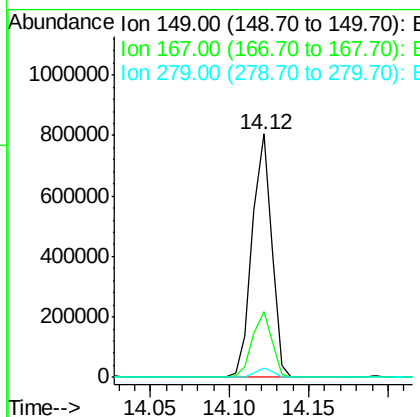
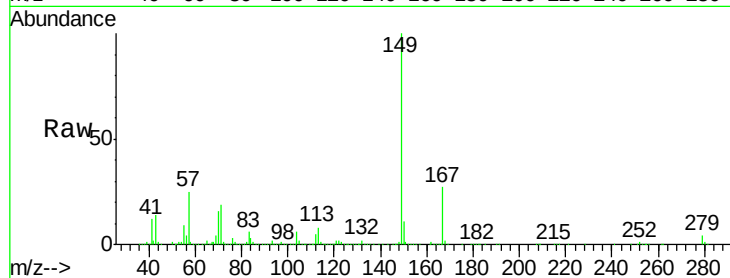
ClientSampleId :

PB107480BS

Tot Ion:	149	Resp:	688698
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 40.151 ng

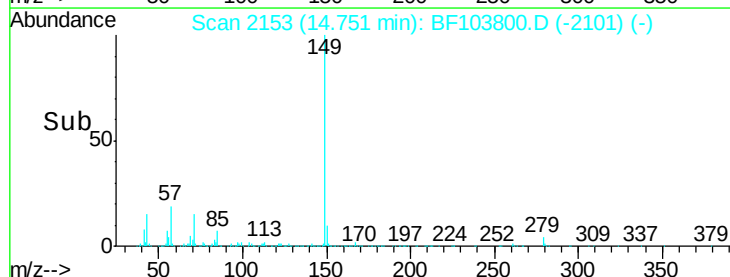
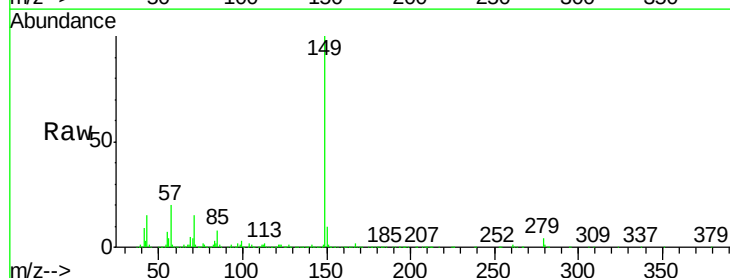
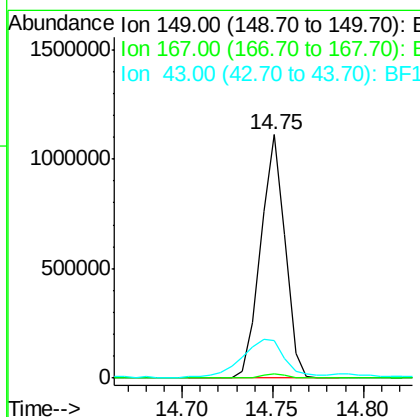
RT: 14.75 min Scan# 2153

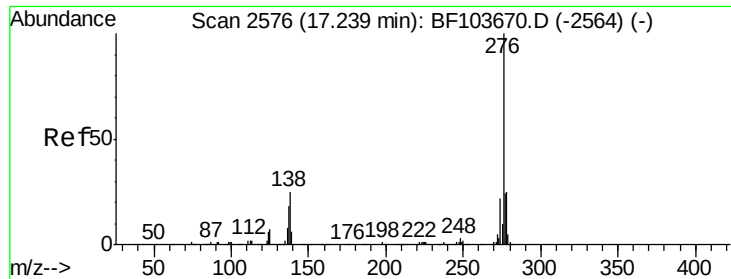
Delta R.T. 0.01 min

Lab File: BF103800.D

Acq: 20 Mar 2018 14:26

Tgt Ion:	149	Resp:	1038486
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	27.0	8.4	12.6#





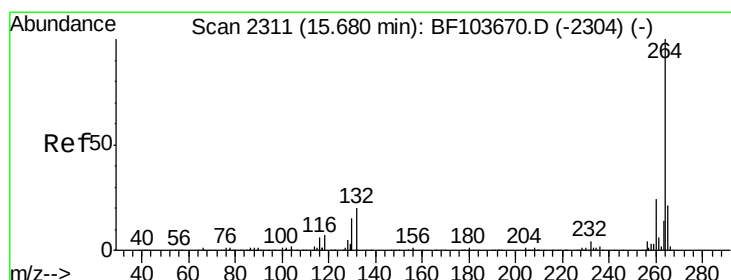
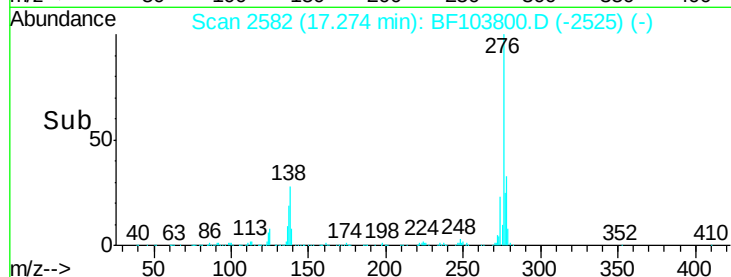
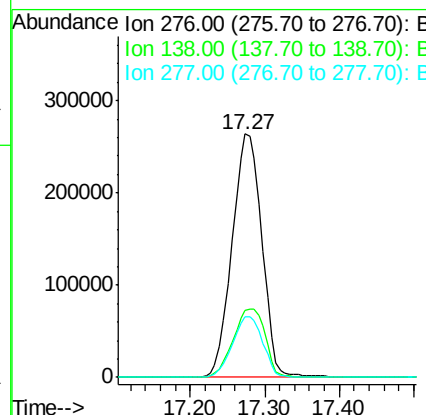
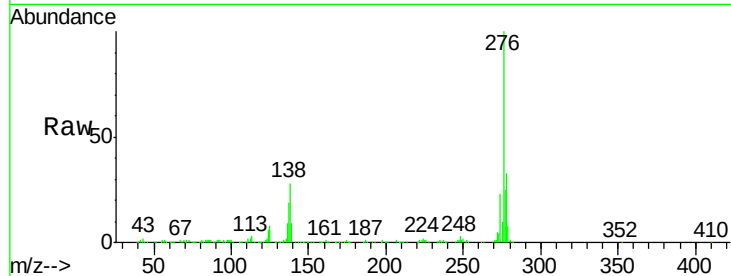
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.316 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. 0.04 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.0	37.6
277	25.4	20.1	30.1

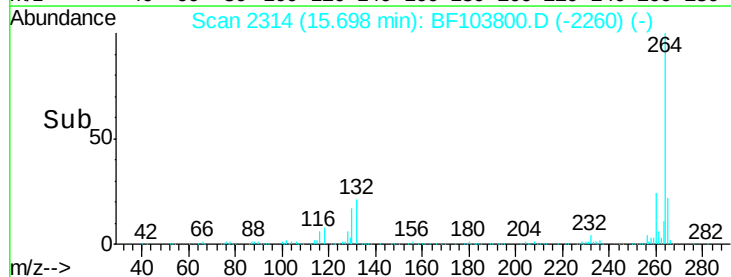
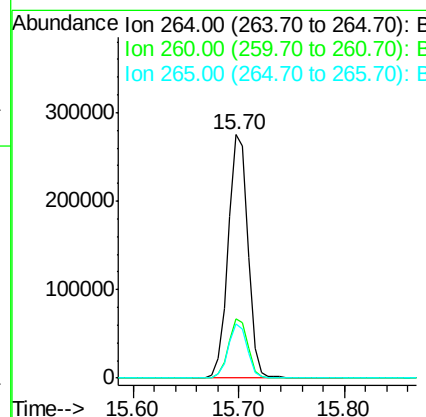
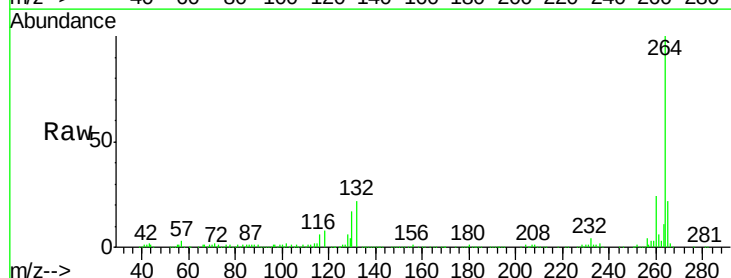
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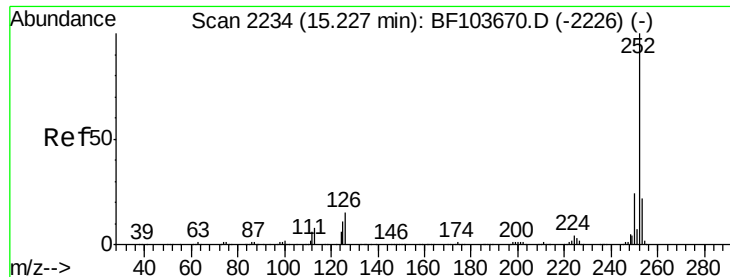
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.1	17.5	26.3





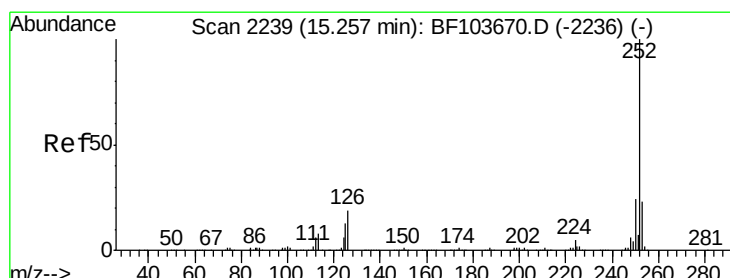
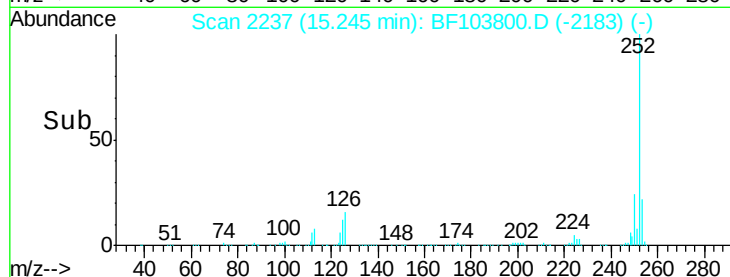
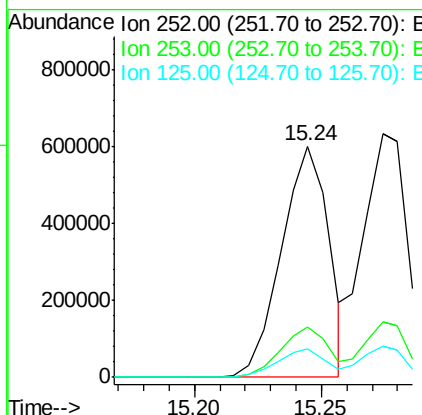
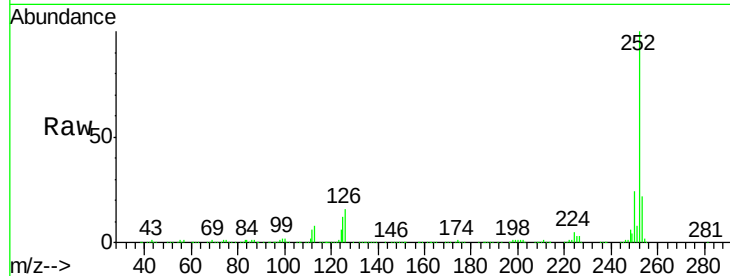
#87
Benzo(b)fluoranthene
Concen: 34.711 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.4	9.0	13.6

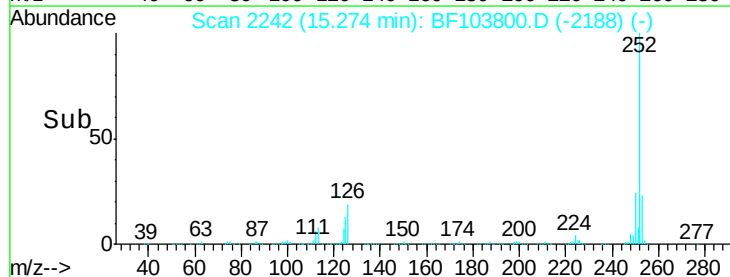
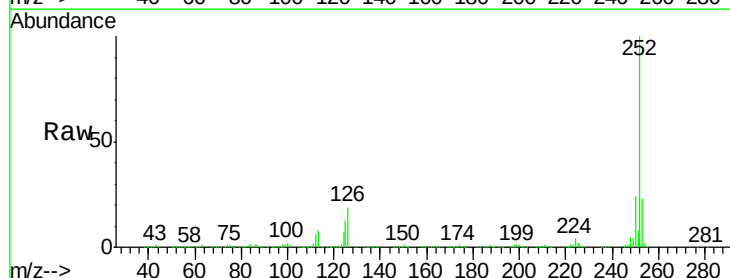
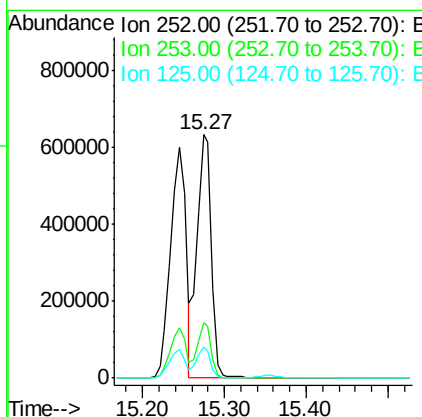
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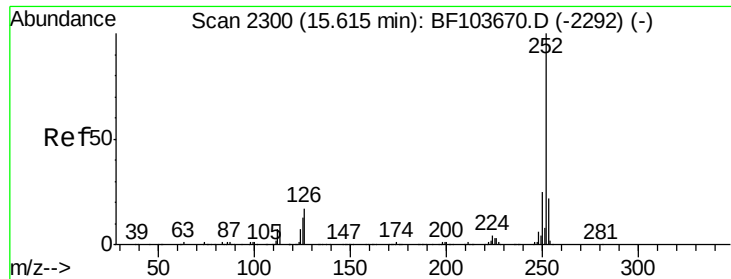
Sohil
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#88
Benzo(k)fluoranthene
Concen: 35.849 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.0	10.2	15.2





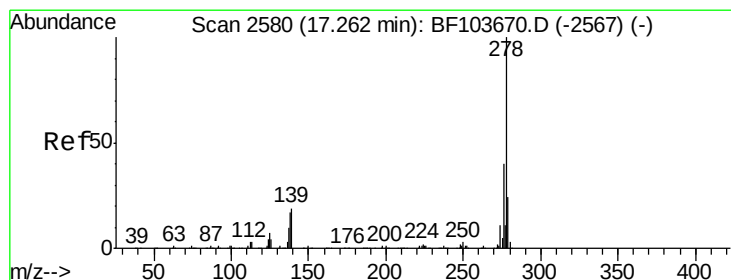
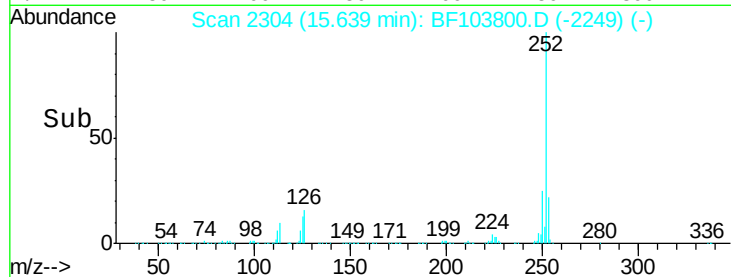
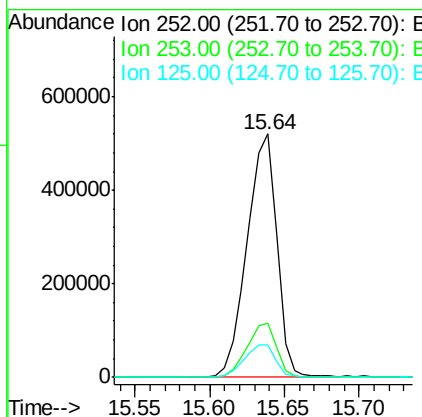
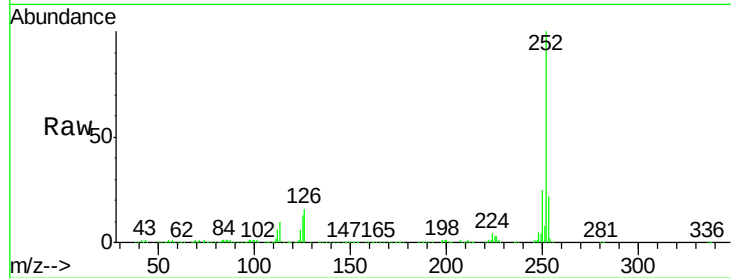
#89
Benzo(a)pyrene
Concen: 35.164 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB107480BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.2	9.8	14.6

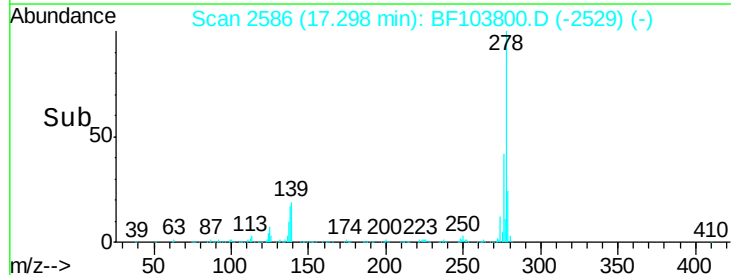
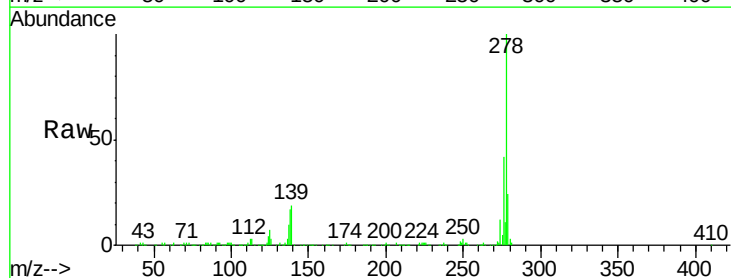
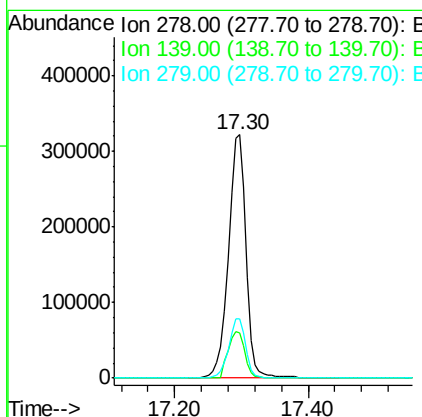
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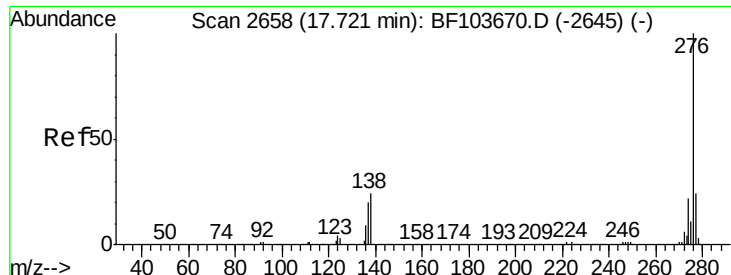
Sohil
3/22/2018 12:57:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.042 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.04 min
Lab File: BF103800.D
Acq: 20 Mar 2018 14:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.9	23.9
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.856 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. 0.04 min
 Lab File: BF103800.D
 Acq: 20 Mar 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB107480BS

Tot Ion:	276	Resp:	582503
Ion Ratio		Lower	Upper
276	100		
277	23.2	17.9	26.9
138	23.6	21.8	32.8

Manual Integrations
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 3/22/2018 12:57:24 PM

