

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103933.D
 Acq On : 26 Mar 2018 19:03
 Operator : JU/SJ
 Sample : PB107636BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:15:31 PM

Quant Time: Mar 27 08:10:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131001	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	539262	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	257529	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	485939	20.00	ng	0.00
75) Chrysene-d12	14.17	240	408588	20.00	ng	0.00
86) Perylene-d12	15.71	264	385052	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	886679	102.95	ng	0.01
7) Phenol-d6	6.60	99	1091585	103.59	ng	0.00
23) Nitrobenzene-d5	7.54	82	668515	86.45	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	308807	139.46	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1239691	76.79	ng	0.00
78) Terphenyl-d14	13.10	244	1362417	77.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	130575	30.789	ng	# 89
3) Pyridine	3.67	79	357393	30.638	ng	# 85
4) n-Nitrosodimethylamine	3.63	42	134762	31.332	ng	# 73
6) Aniline	6.64	93	323227	21.482	ng	96
8) 2-Chlorophenol	6.76	128	355377	39.388	ng	92
9) Benzaldehyde	6.53	77	78882	11.395	ng	94
10) Phenol	6.62	94	436769	39.008	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	326538	35.327	ng	92
12) 1,3-Dichlorobenzene	6.92	146	367639	35.776	ng	98
13) 1,4-Dichlorobenzene	6.99	146	375603	36.374	ng	99
14) 1,2-Dichlorobenzene	7.14	146	345131	36.019	ng	98
15) Benzyl Alcohol	7.11	79	297031	36.382	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	423269	32.195	ng	92
17) 2-Methylphenol	7.22	107	293619	36.544	ng	98
18) Hexachloroethane	7.49	117	135142	37.206	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	228652	33.860	ng	92
20) 3+4-Methylphenols	7.37	107	363041	35.604	ng	96
22) Acetophenone	7.38	105	462743	33.389	ng	# 94
24) Nitrobenzene	7.56	77	354792	39.080	ng	97
25) Isophorone	7.79	82	654926	36.586	ng	99
26) 2-Nitrophenol	7.87	139	192202	54.141	ng	97
27) 2,4-Dimethylphenol	7.90	122	326124	42.526	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	425103	39.217	ng	100
29) 2,4-Dichlorophenol	8.11	162	297481	42.637	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	297189	36.725	ng	98
31) Naphthalene	8.28	128	997646	36.623	ng	99
32) Benzoic acid	8.02	122	201378	39.441	ng	98
33) 4-Chloroaniline	8.32	127	110558	9.674	ng	97
34) Hexachlorobutadiene	8.39	225	160304	36.131	ng	99
35) Caprolactam	8.70	113	100924m	42.008	ng	
36) 4-Chloro-3-methylphenol	8.80	107	319176	41.496	ng	97
37) 2-Methylnaphthalene	8.97	142	667475	38.639	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	282662	38.473	ng	99
40) Hexachlorocyclopentadiene	9.12	237	293001	77.287	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	205247	43.676	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	221287	41.720	nq	94
45) 1,1'-Biphenyl	9.43	154	791196	36.844	nq	99
46) 2-Chloronaphthalene	9.46	162	634807	37.219	nq	99
47) 2-Nitroaniline	9.56	65	190942	43.533	nq	95
48) Acenaphthylene	9.88	152	972180	36.757	nq	100
49) Dimethylphthalate	9.73	163	759682	38.664	nq	99
50) 2,6-Dinitrotoluene	9.80	165	172074	45.499	nq	92
51) Acenaphthene	10.05	154	576364	36.701	nq	98
52) 3-Nitroaniline	9.97	138	100674	24.159	nq	94
53) 2,4-Dinitrophenol	10.08	184	172753	112.208	nq #	19
54) Dibenzofuran	10.23	168	871103	38.838	nq	99
55) 4-Nitrophenol	10.13	139	305512	84.624	nq	94
56) 2,4-Dinitrotoluene	10.20	165	237157	49.089	nq #	94
57) Fluorene	10.57	166	684312	39.318	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	181234	48.222	nq	92
59) Diethylphthalate	10.43	149	737247	37.805	nq	97
60) 4-Chlorophenyl-phenylether	10.56	204	319237	40.135	nq	94
61) 4-Nitroaniline	10.59	138	193348	44.406	nq	95
62) Azobenzene	10.72	77	691878	34.897	nq	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	113322	57.768	nq	83
65) n-Nitrosodiphenylamine	10.67	169	619352	37.445	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	197804	39.646	nq #	86
67) Hexachlorobenzene	11.12	284	219110	38.477	nq	94
68) Atrazine	11.20	200	206993	40.455	nq	100
69) Pentachlorophenol	11.32	266	231455	70.698	nq	96
70) Phenanthrene	11.54	178	1002833	37.726	nq	99
71) Anthracene	11.59	178	1038545	38.467	nq	99
72) Carbazole	11.74	167	979363	37.322	nq	100
73) Di-n-butylphthalate	12.06	149	1189392	37.775	nq	99
74) Fluoranthene	12.73	202	1083281	39.557	nq	99
76) Benzidine	12.84	184	364915	20.940	nq	98
77) Pyrene	12.96	202	1090063	36.328	nq	100
79) Butylbenzylphthalate	13.57	149	533646	40.141	nq	91
80) Benzo(a)anthracene	14.16	228	1000582	38.687	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	197762	22.859	nq	98
82) Chrysene	14.20	228	928757	37.671	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	720205	37.921	nq	99
84) Di-n-octyl phthalate	14.75	149	1236967	44.769	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	840033	39.016	nq	97
87) Benzo(b)fluoranthene	15.25	252	990114	40.701	nq	98
88) Benzo(k)fluoranthene	15.29	252	827552	35.389	nq	99
89) Benzo(a)pyrene	15.64	252	869424	39.404	nq	97
90) Dibenzo(a,h)anthracene	17.31	278	695310	36.393	nq	98
91) Benzo(g,h,i)perylene	17.79	276	693190	37.295	nq	94

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

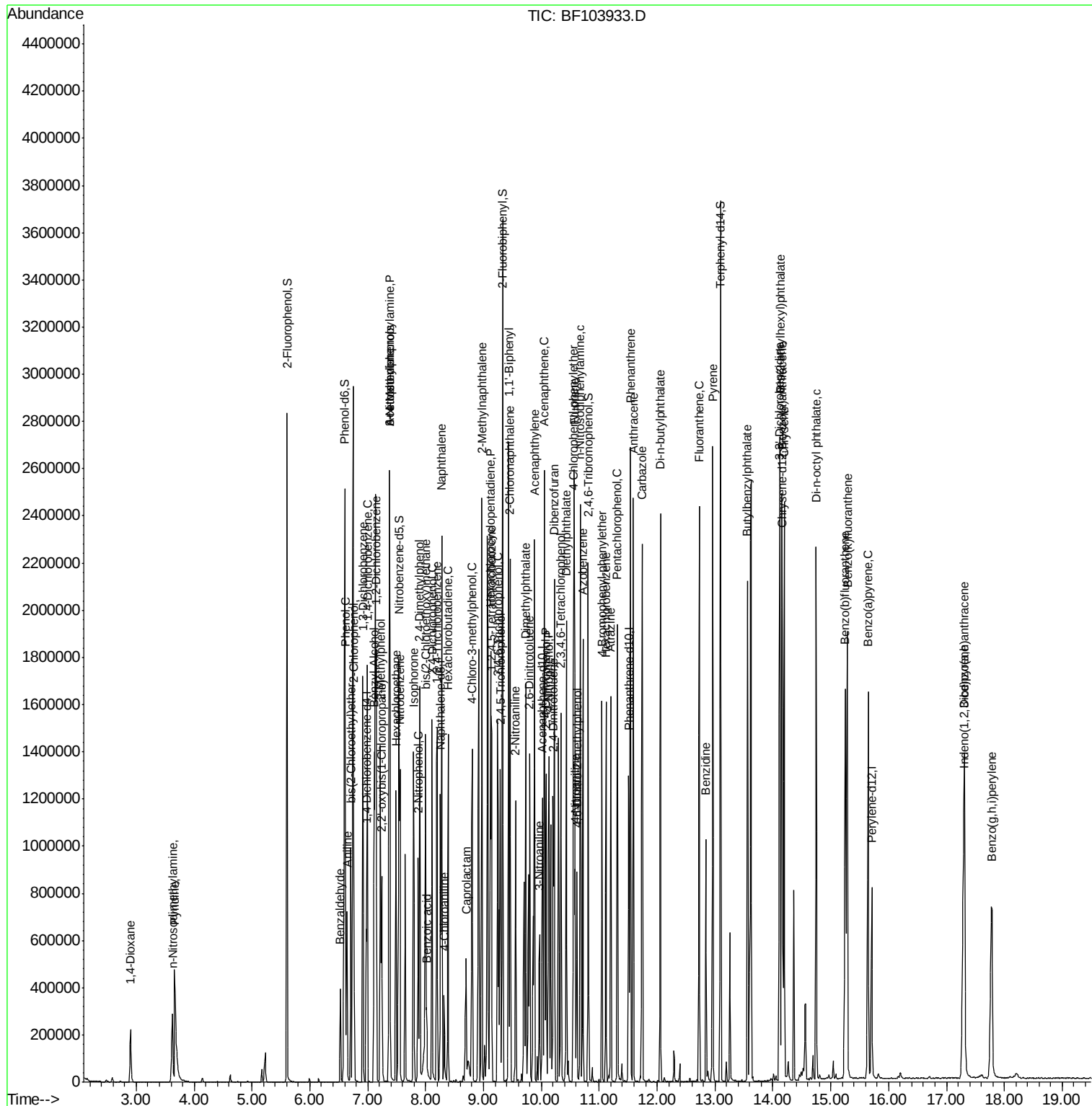
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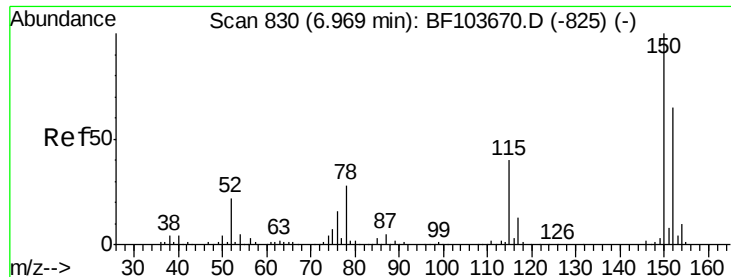
Instrument :
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ClientSampleId :
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#1

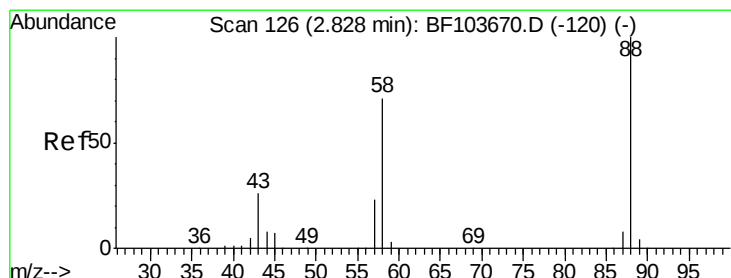
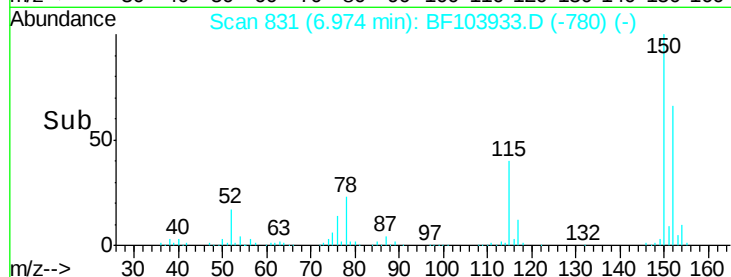
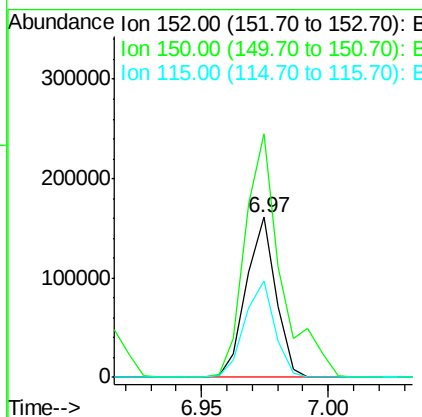
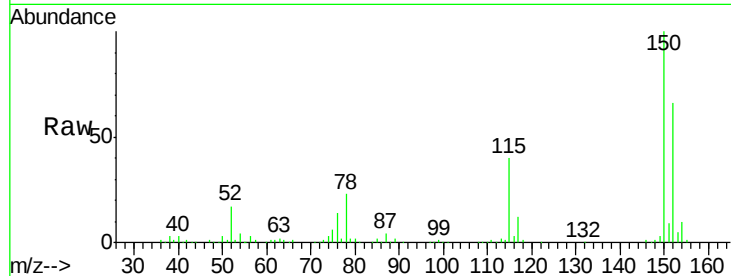
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
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ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	60.5	50.1	75.1

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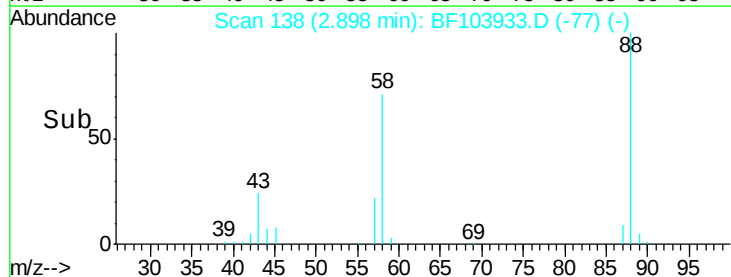
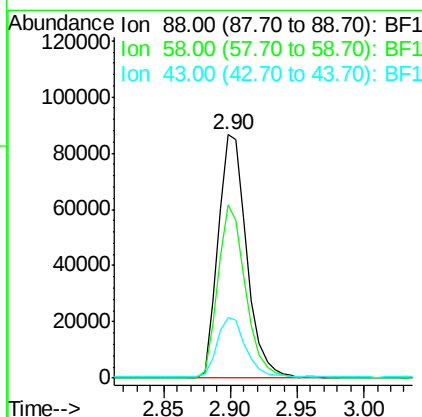
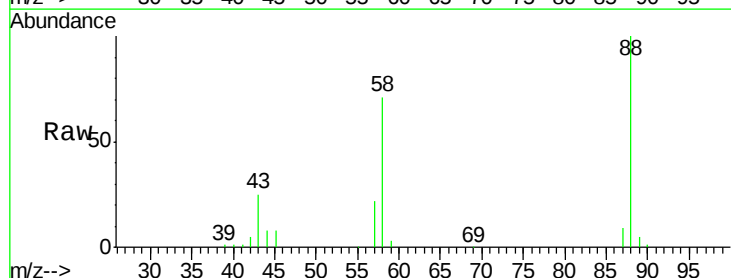
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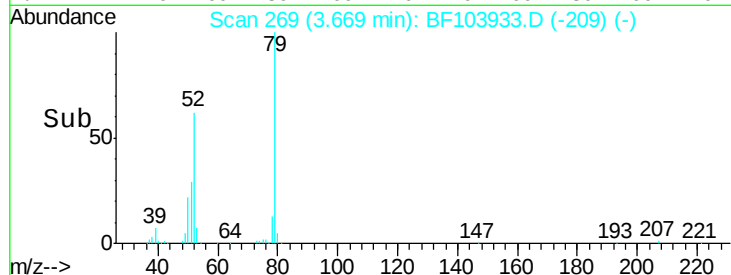
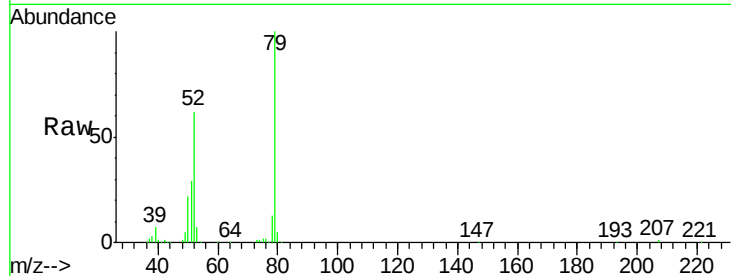
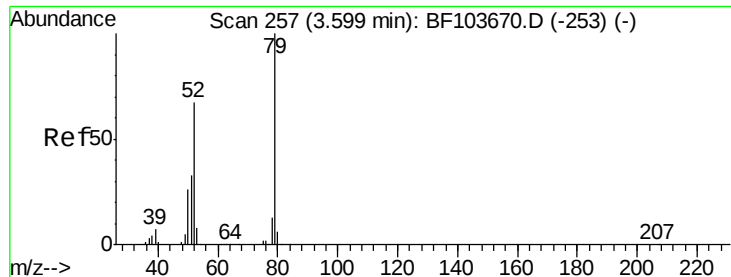


#2

1,4-Dioxane
Concen: 30.789 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.06 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	62.6	93.8
43	24.2	24.6	37.0





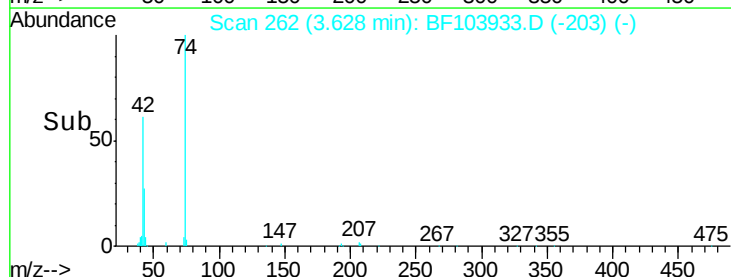
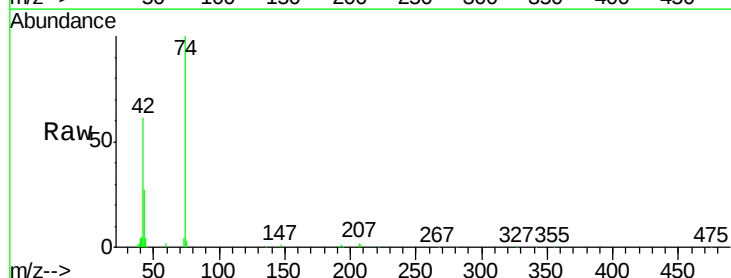
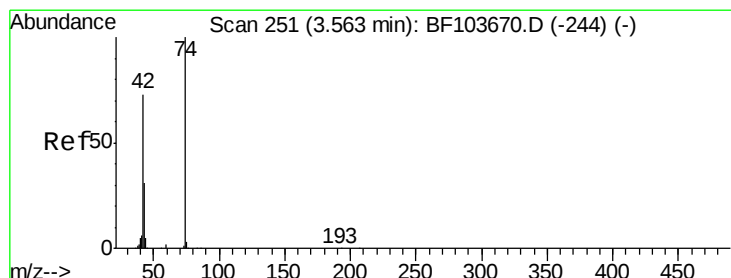
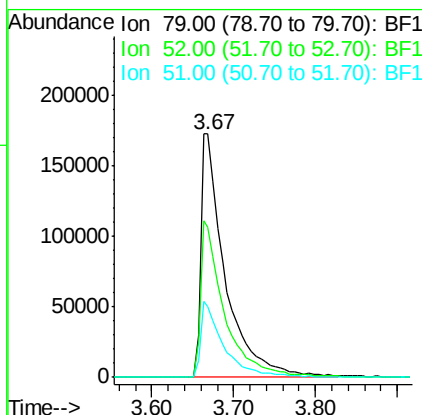
#3
 Pvridine
 Concen: 30.638 ng
 RT: 3.67 min Scan# 269
 Delta R.T. 0.05 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.9	59.8	89.6
51	29.1	29.8	44.8#

Instrument :
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 ClientSampleId :
 PB107636BS

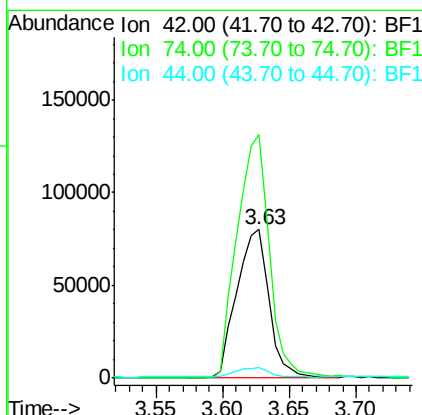
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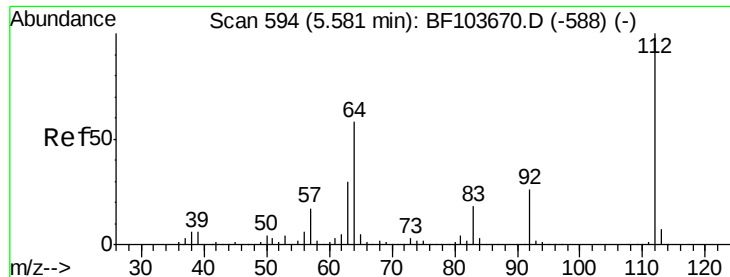
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#4
 n-Nitrosodimethylamine
 Concen: 31.332 ng
 RT: 3.63 min Scan# 262
 Delta R.T. 0.05 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.2	104.9	157.3#
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 102.948 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

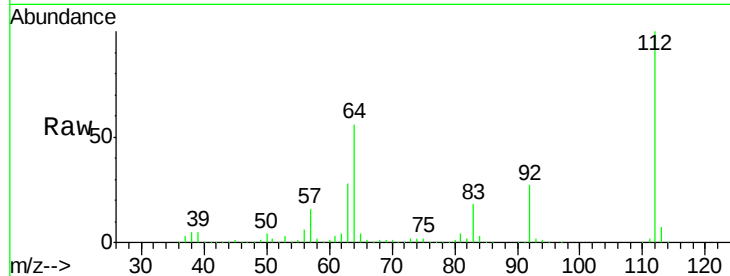
ClientSampled :

PB107636BS

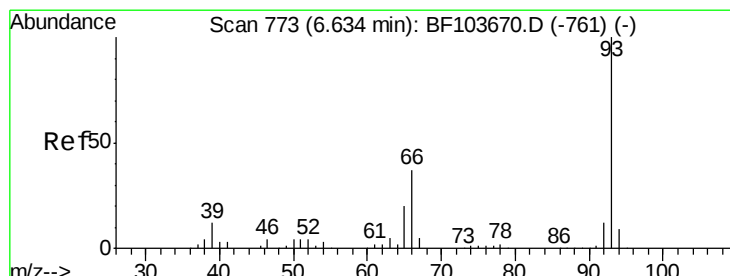
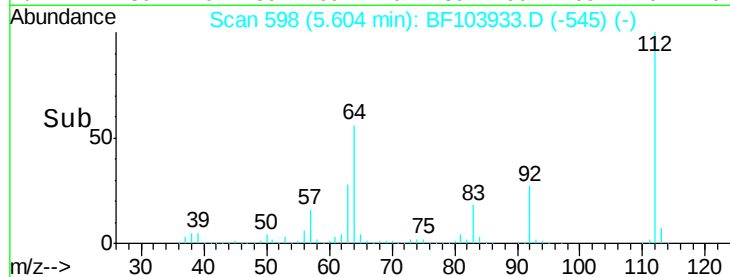
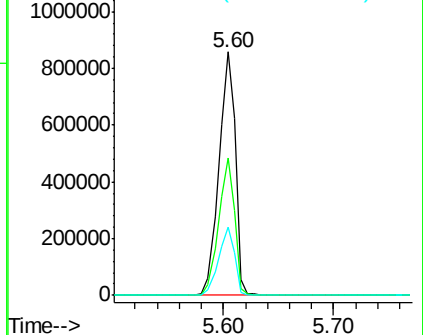
Tot Ion:	112	Resp:	886679
Ion Ratio	Lower	Upper	
112	100		
64	56.3	47.9	71.9
63	27.8	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.482 ng

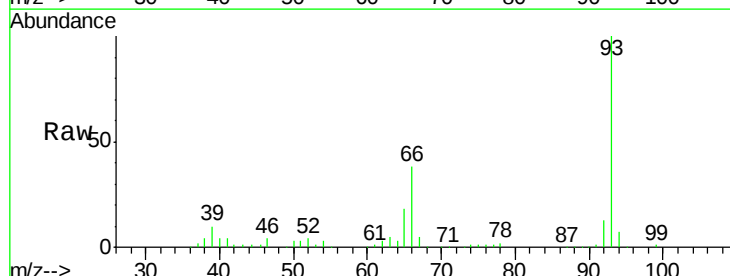
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

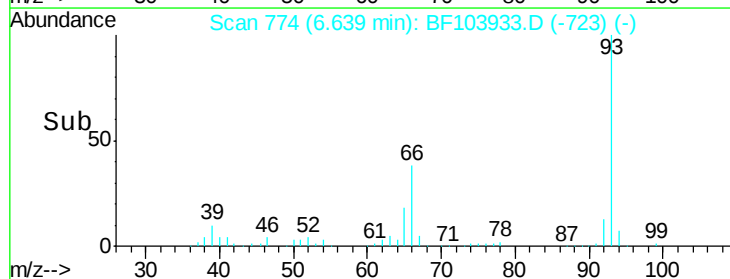
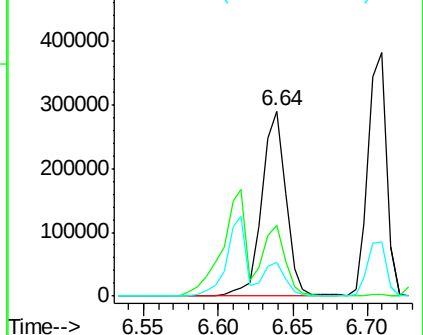
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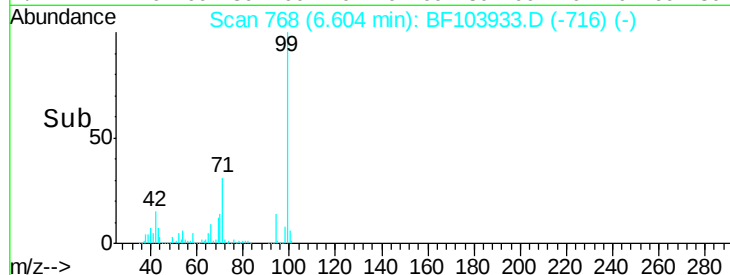
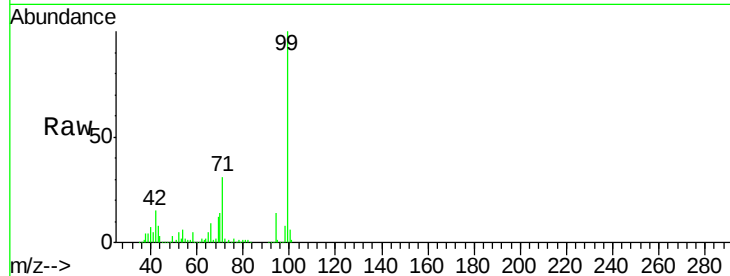
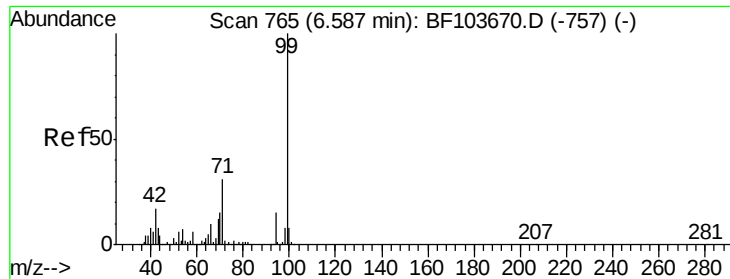
Acq: 26 Mar 2018 19:03

Tgt Ion:	93	Resp:	323227
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.2	48.2
65	18.3	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.593 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Tot Ion:	99	Resp:	1091585
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	31.2	25.4	38.0

Instrument :

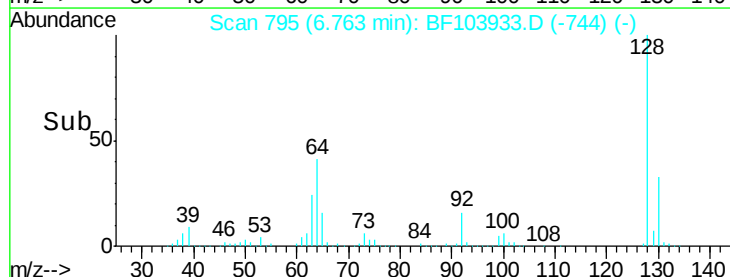
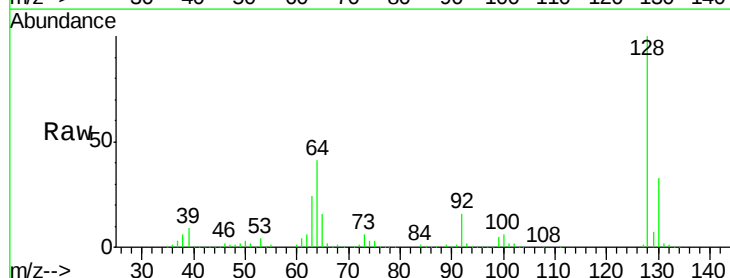
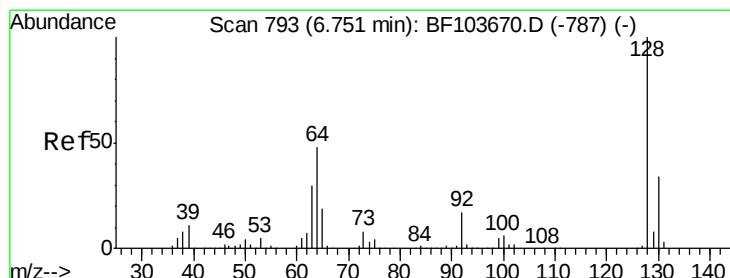
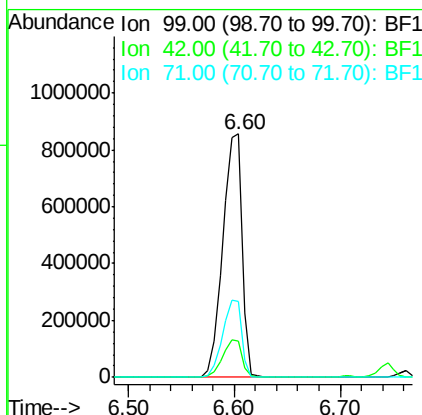
BNA_F

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#8

2-Chlorophenol

Concen: 39.388 ng

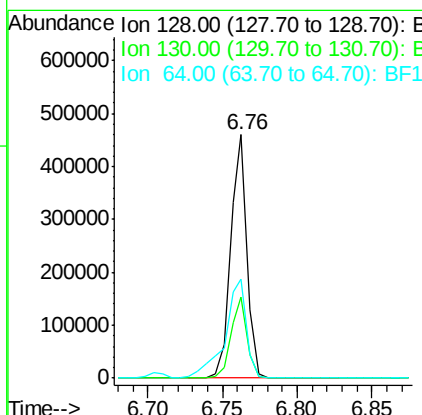
RT: 6.76 min Scan# 795

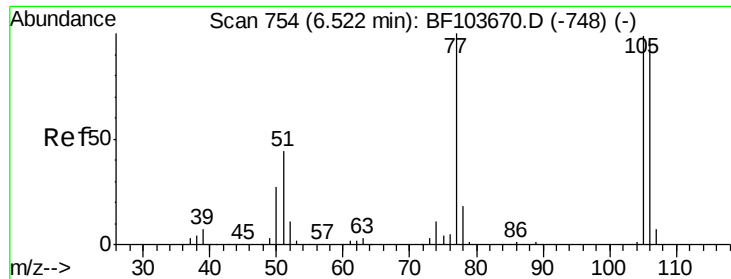
Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Tgt Ion:	128	Resp:	355377
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	40.9	29.4	69.4





#9

Benzaldehyde

Concen: 11.395 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

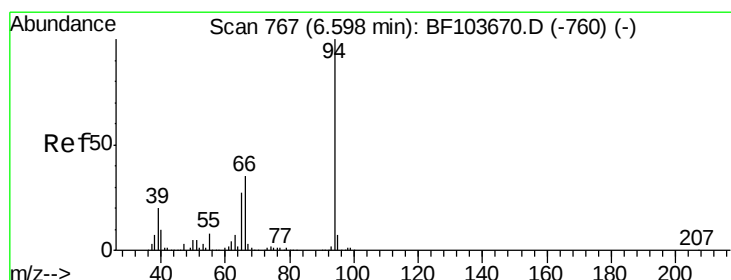
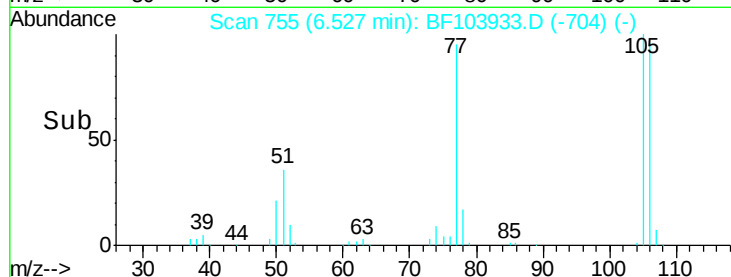
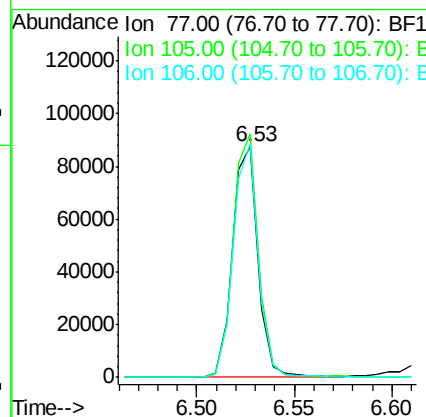
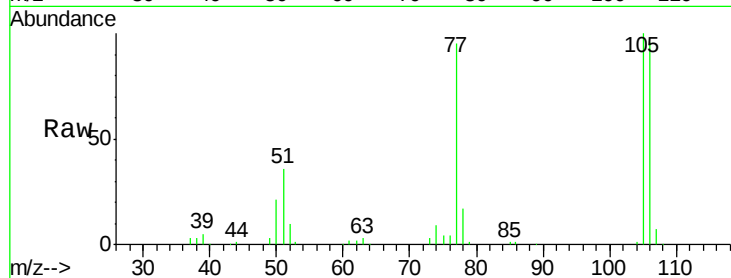
ClientSampleId :

PB107636BS

Tot Ion:	77	Resp:	78882
Ion	Ratio	Lower	Upper
77	100		
105	105.5	81.1	121.1
106	101.1	74.5	114.5

Manual Integrations
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3/27/2018 2:15:31 PM



#10

Phenol

Concen: 39.008 ng

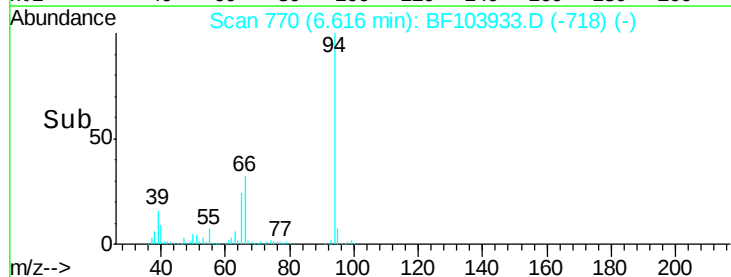
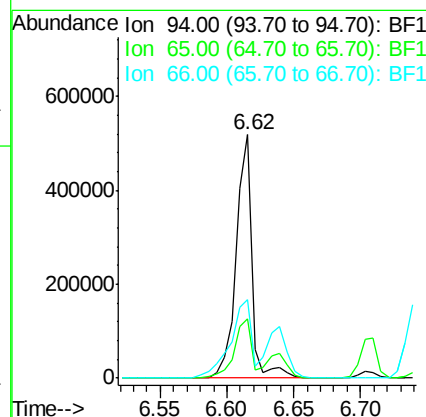
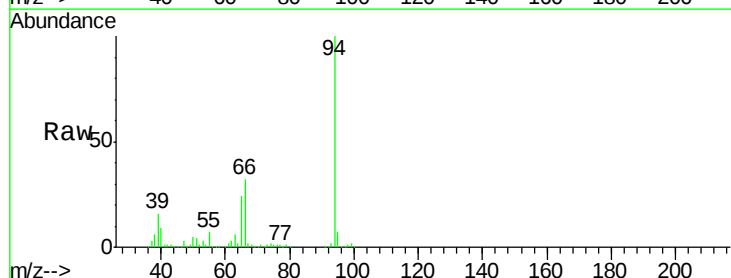
RT: 6.62 min Scan# 770

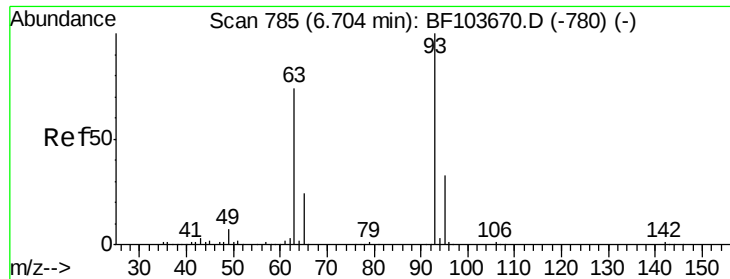
Delta R.T. 0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Tgt Ion:	94	Resp:	436769
Ion	Ratio	Lower	Upper
94	100		
65	24.1	7.9	47.9
66	32.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.327 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

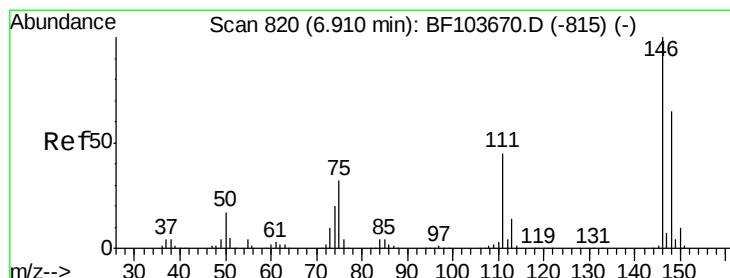
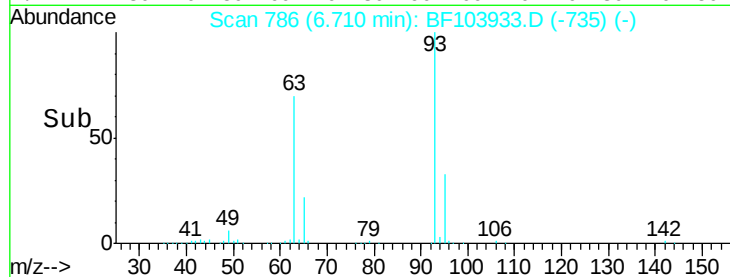
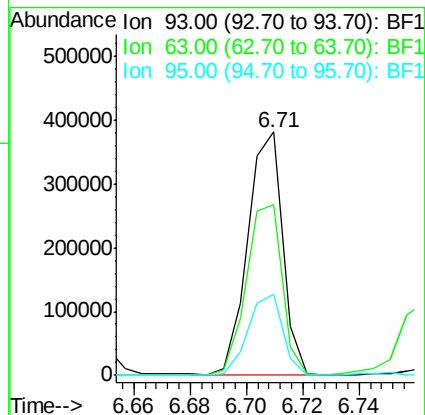
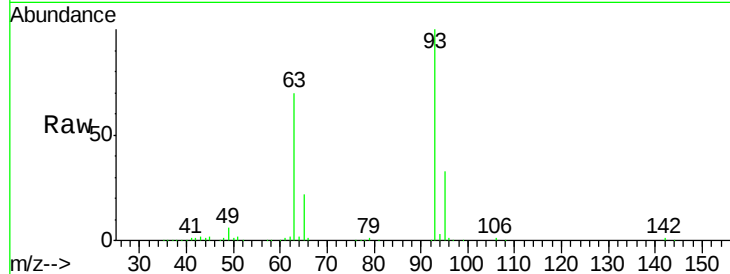
ClientSampleId :

PB107636BS

Tot Ion:	93	Resp:	326538
Ion Ratio	Lower	Upper	
93	100		
63	69.9	58.6	98.6
95	33.2	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 35.776 ng

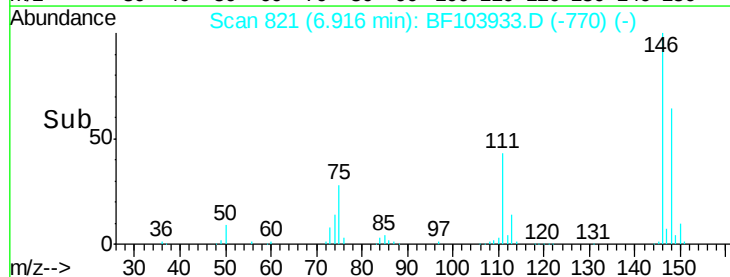
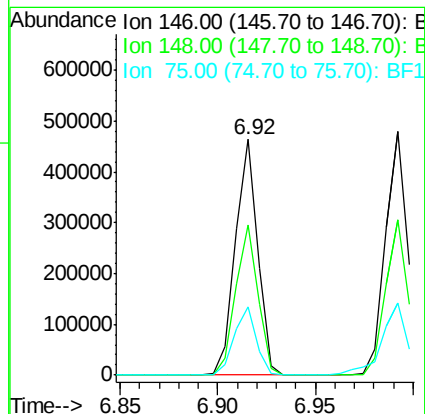
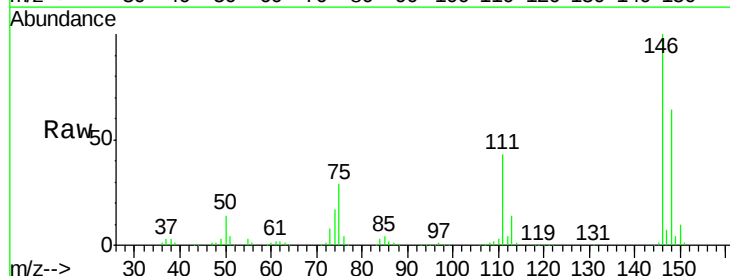
RT: 6.92 min Scan# 821

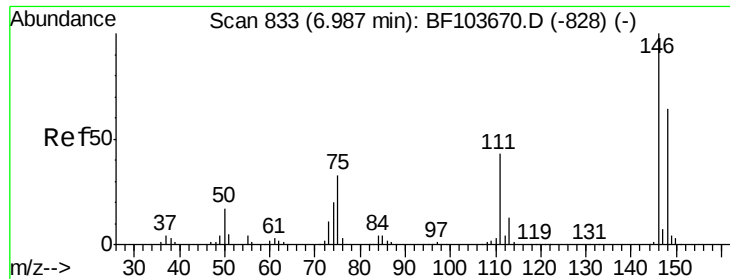
Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Tgt Ion:	146	Resp:	367639
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.8
75	29.0	24.2	36.4





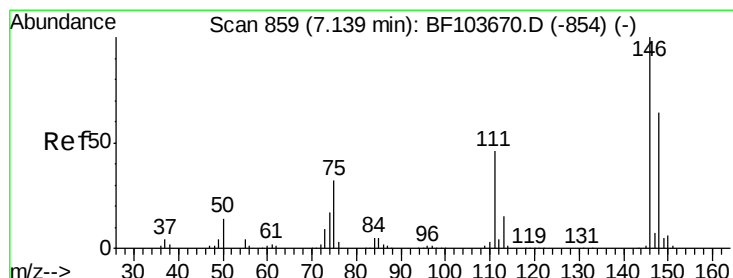
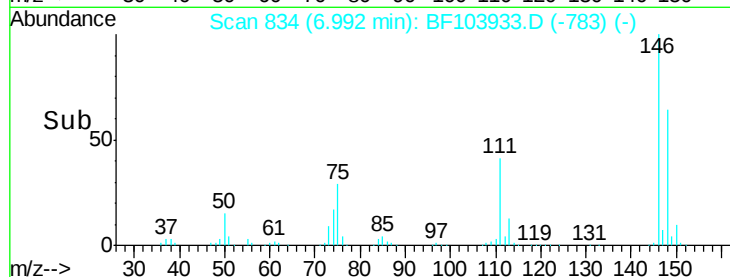
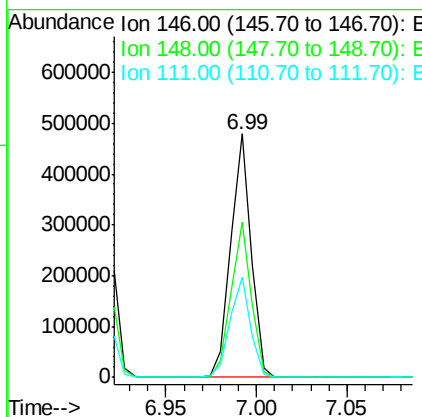
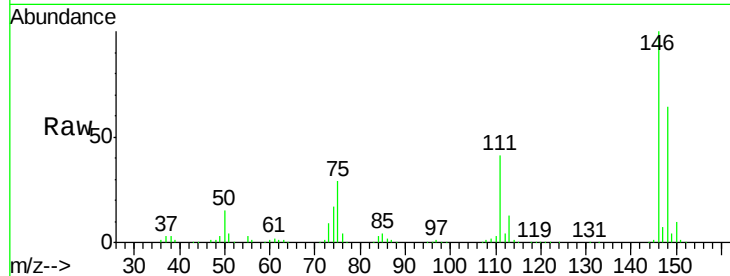
#13
1,4-Dichlorobenzene
Concen: 36.374 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	41.4	34.2	51.2

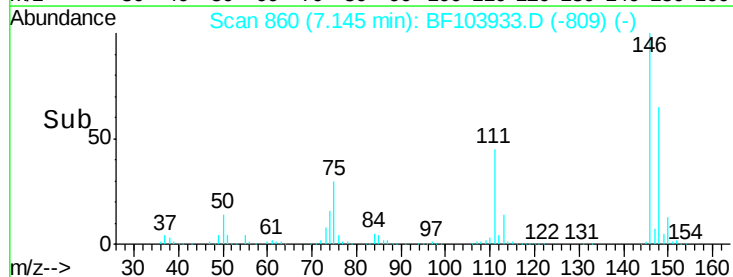
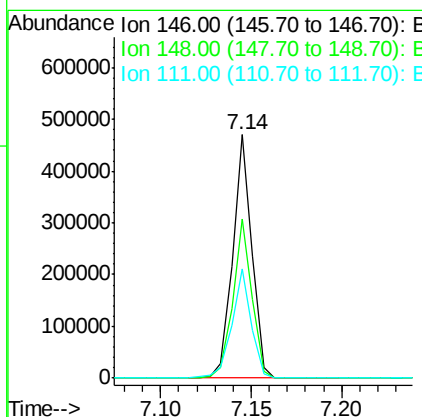
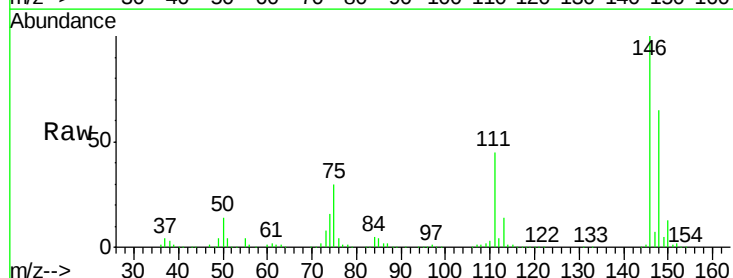
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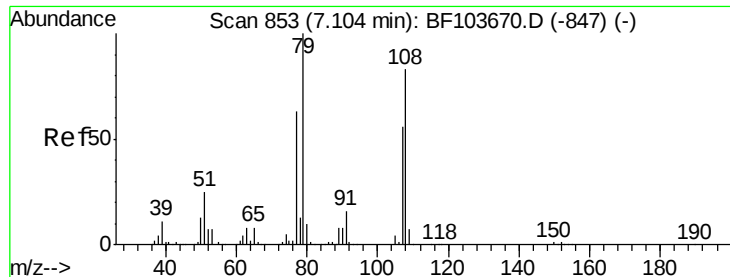
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#14
1,2-Dichlorobenzene
Concen: 36.019 ng
RT: 7.14 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	44.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.382 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

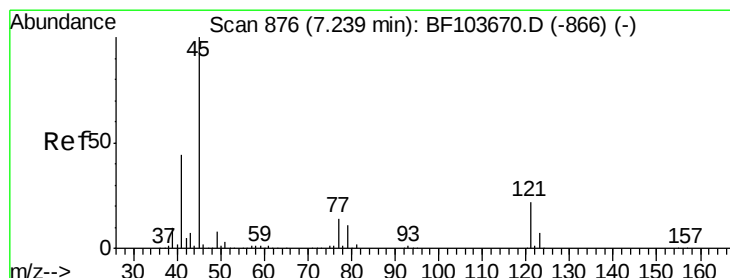
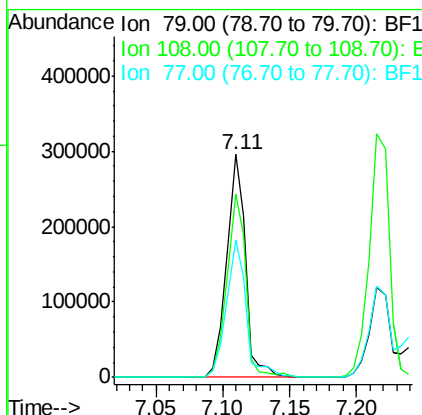
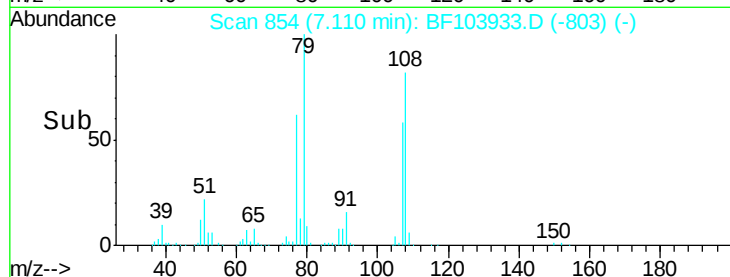
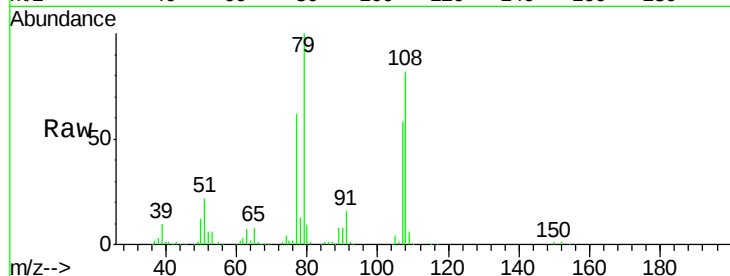
ClientSampleId :

PB107636BS

Tot Ion:	79	Resp:	297031
Ion Ratio	Lower	Upper	
79	100		
108	82.2	65.1	97.7
77	61.7	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.195 ng

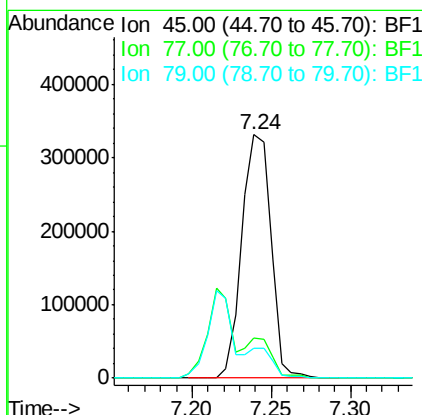
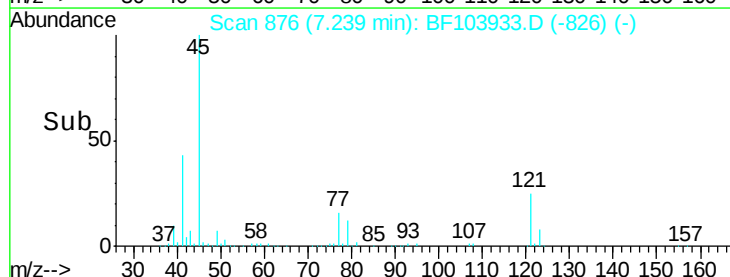
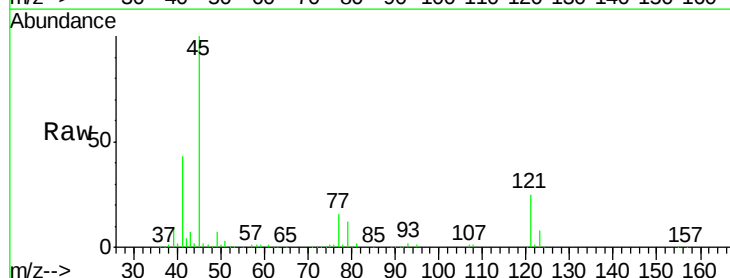
RT: 7.24 min Scan# 876

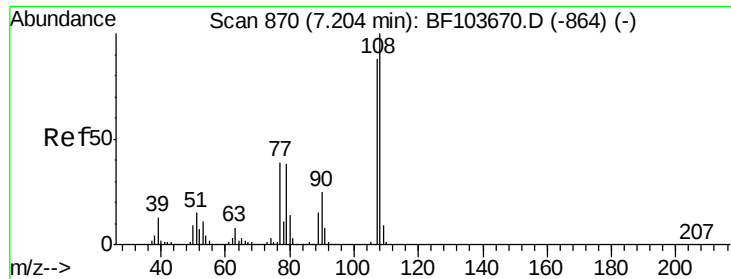
Delta R.T. -0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Tgt Ion:	45	Resp:	423269
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	32.9
79	12.2	0.0	29.6





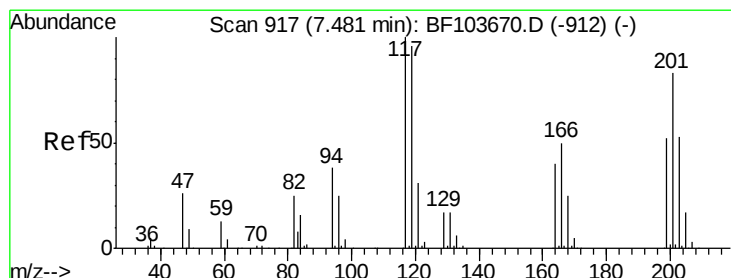
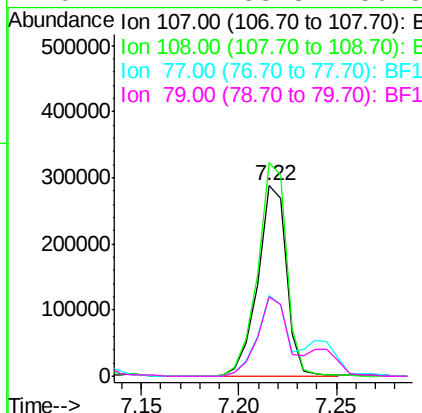
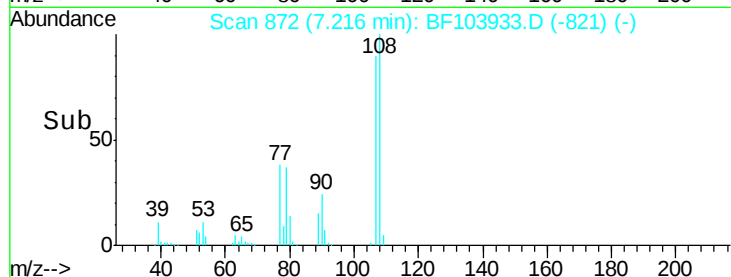
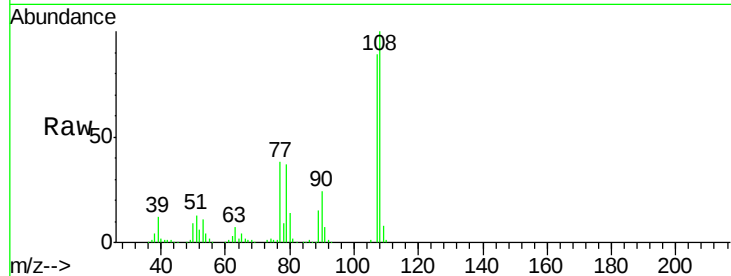
#17
2-Methylphenol
Concen: 36.544 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	91.7	137.5	
77	42.3	33.8	50.8	
79	41.4	33.8	50.8	

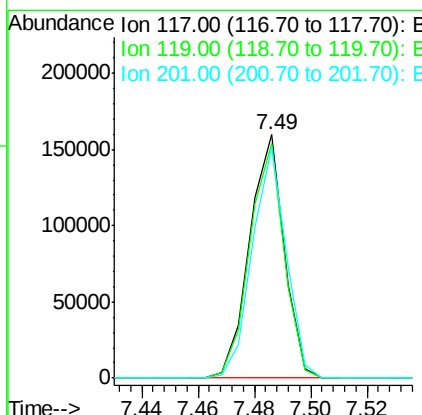
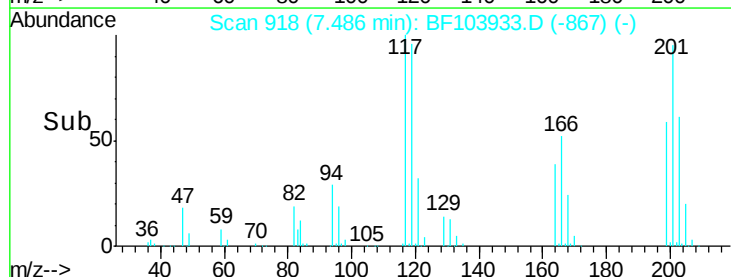
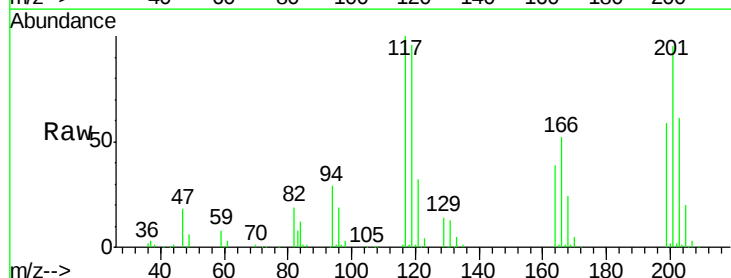
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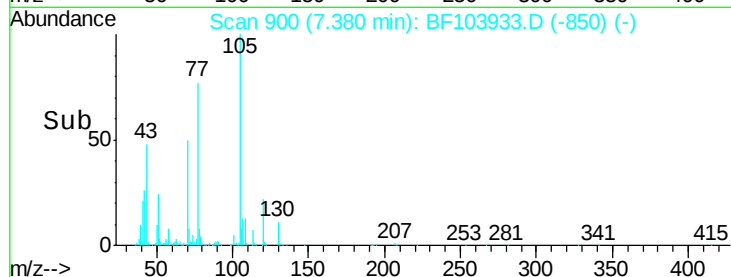
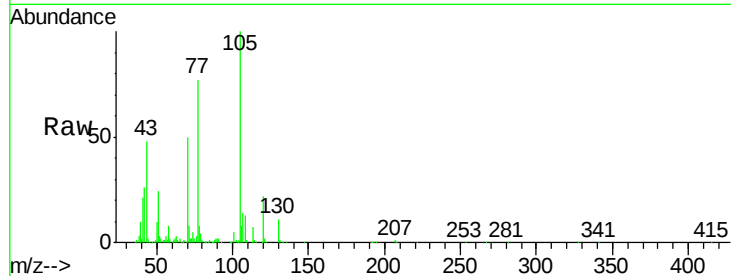
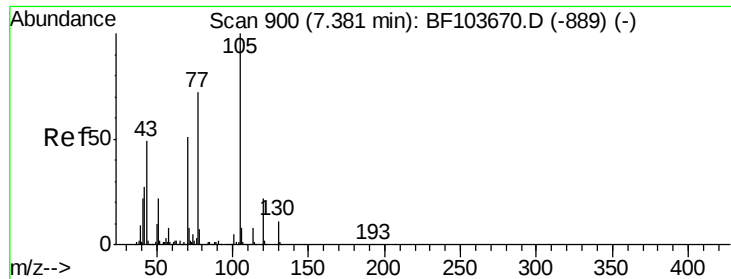
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#18
Hexachloroethane
Concen: 37.206 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.8	113.8	
201	94.6	75.7	113.5	





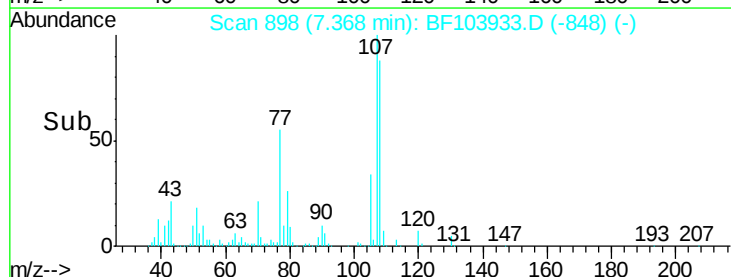
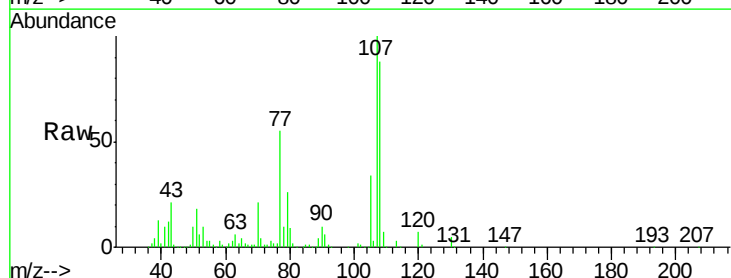
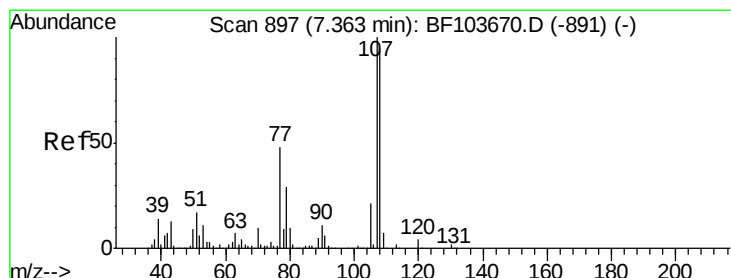
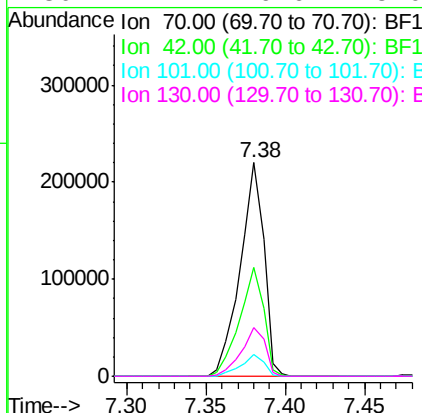
#19
n-Nitroso-di-n-propylamine
Concen: 33.860 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	10.0	7.4	11.2
130	22.7	16.6	25.0

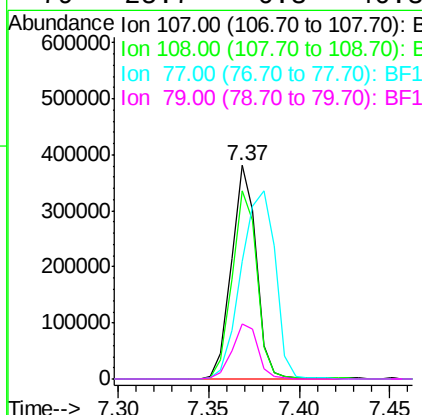
Manual Integrations
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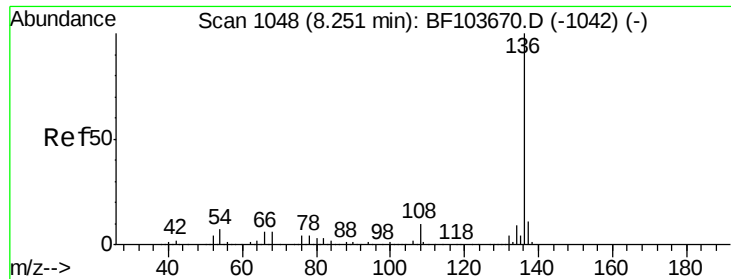
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#20
3+4-Methylphenols
Concen: 35.604 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	55.2	26.7	66.7
79	25.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

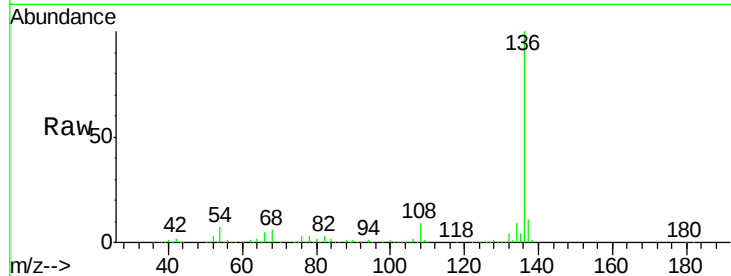
ClientSampleId :

PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.8	6.6	9.8	
68	6.2	5.0	7.4	

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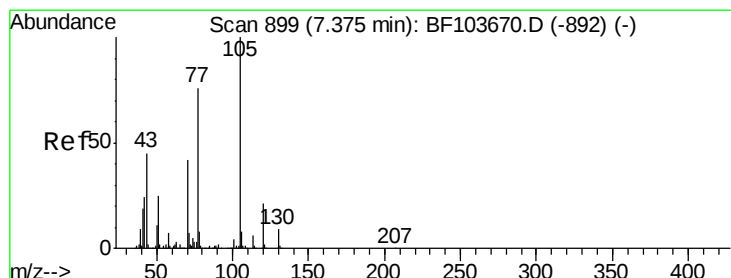
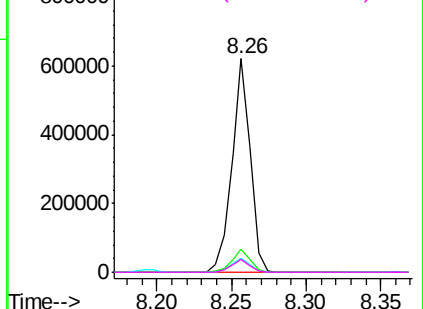
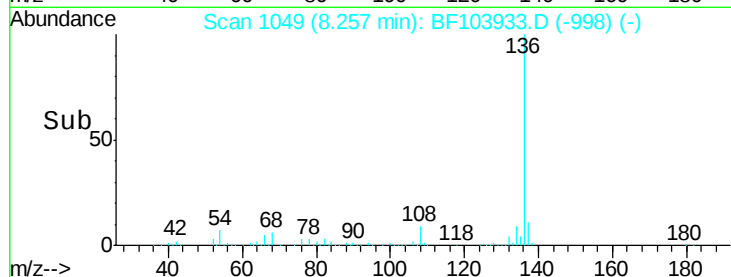


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.389 ng

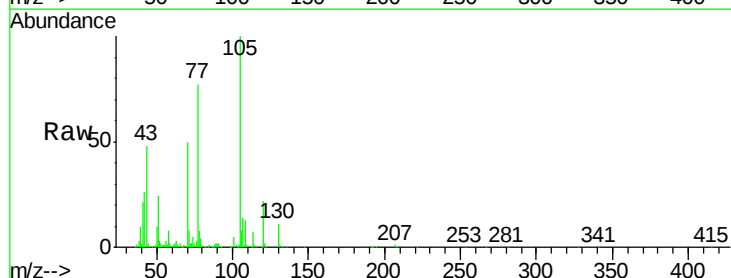
RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	4.4	6.6#	
51	23.7	22.3	33.5	
120	22.3	16.9	25.3	

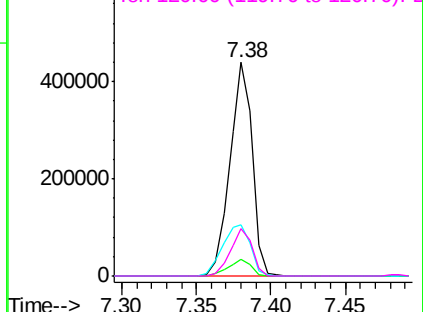
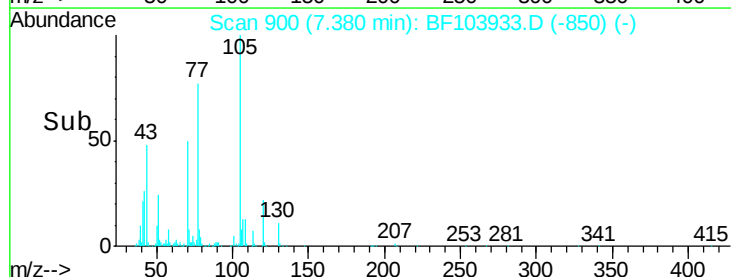


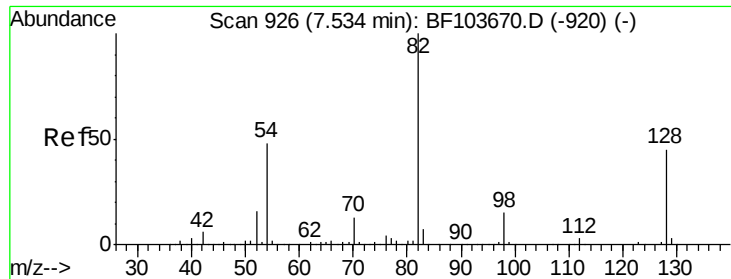
Abundance Ion 105.00 (104.70 to 105.70): E

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





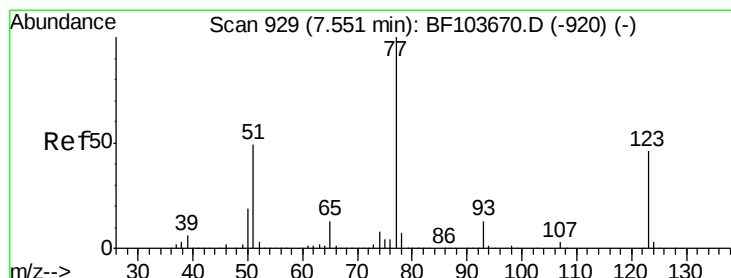
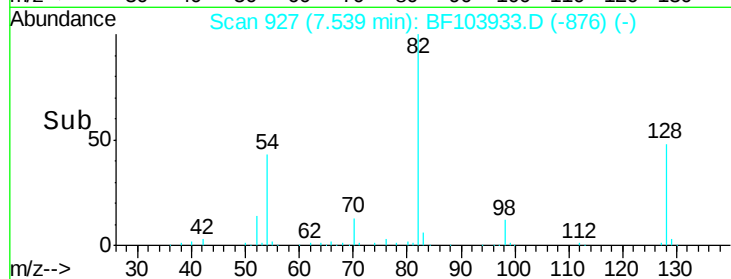
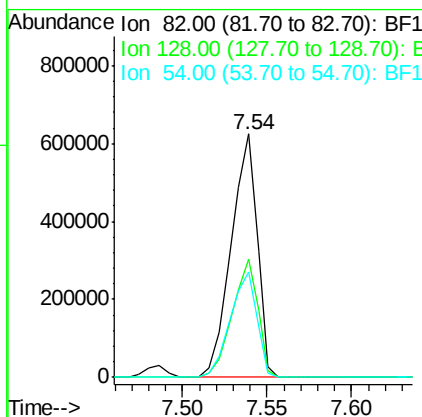
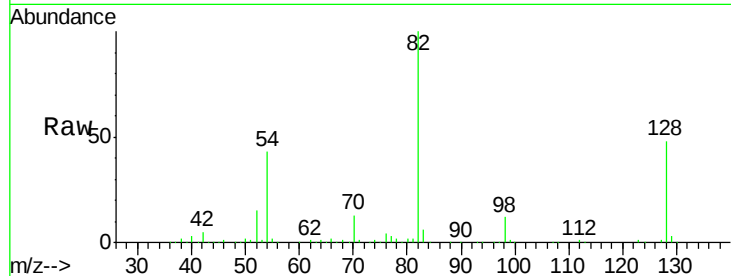
#23
 Nitrobenzene-d5
 Concen: 86.451 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.4	36.1	54.1	
54	43.4	41.4	62.2	

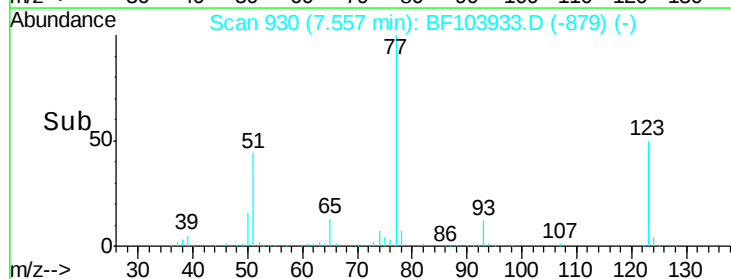
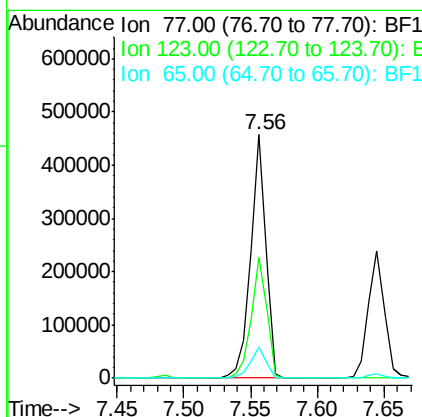
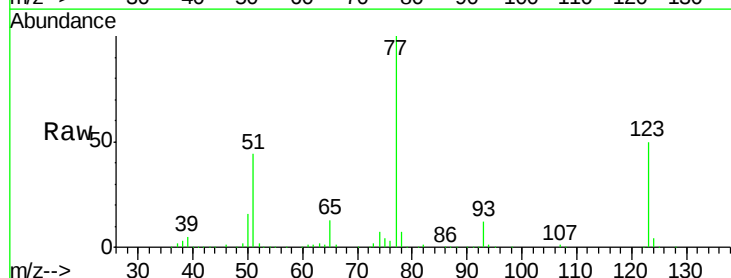
Manual Integrations
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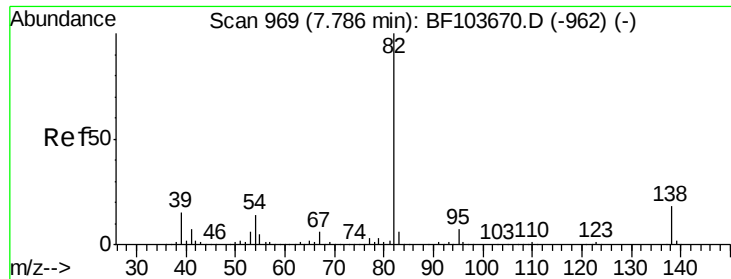
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#24
 Nitrobenzene
 Concen: 39.080 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.7	37.9	56.9	
65	12.6	11.0	16.4	





#25

Isophorone

Concen: 36.586 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

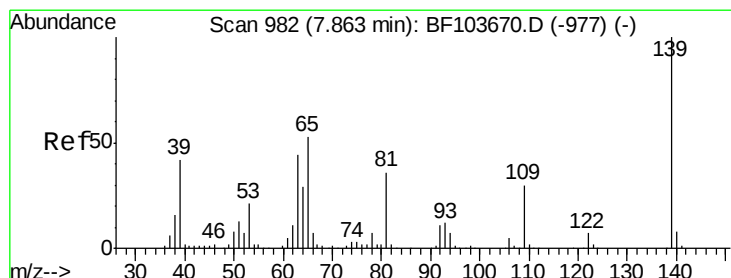
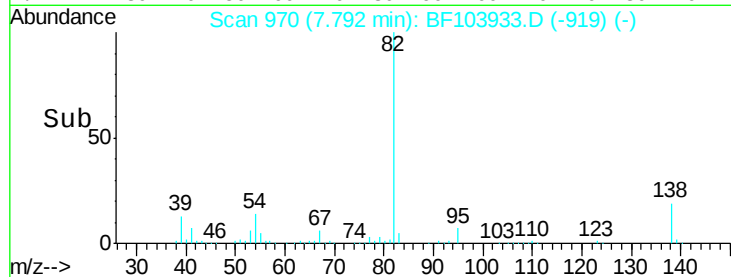
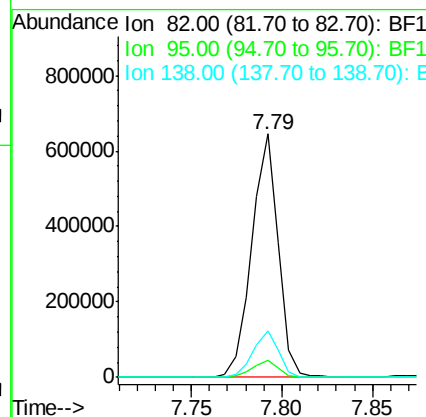
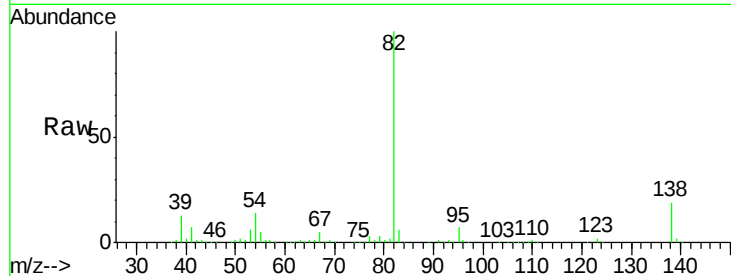
ClientSampleId :

PB107636BS

Tot Ion:	82	Resp:	654926
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.141 ng

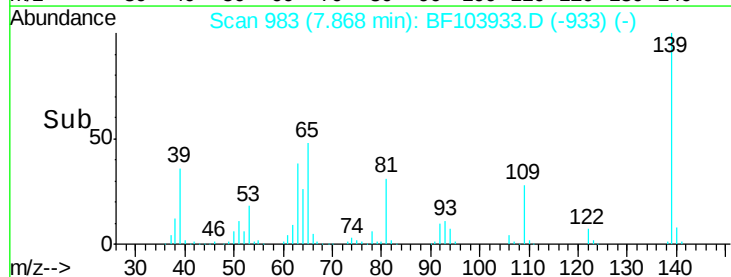
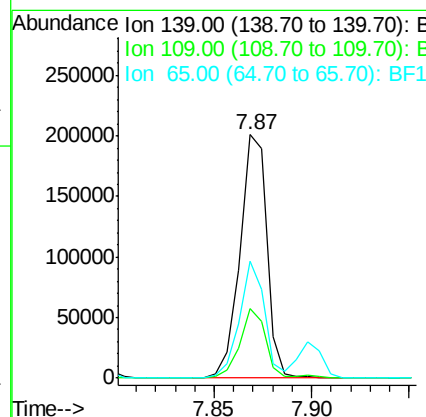
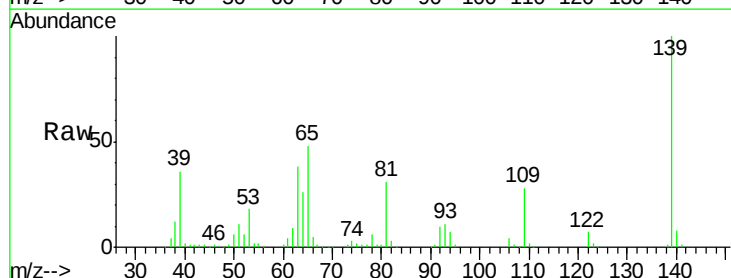
RT: 7.87 min Scan# 983

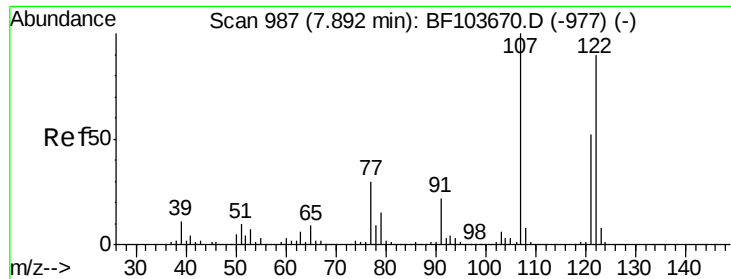
Delta R.T. -0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Tgt Ion:	139	Resp:	192202
Ion Ratio	Lower	Upper	
139	100		
109	28.4	22.7	34.1
65	47.8	40.5	60.7





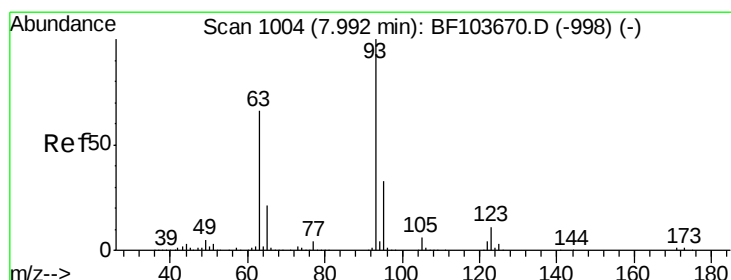
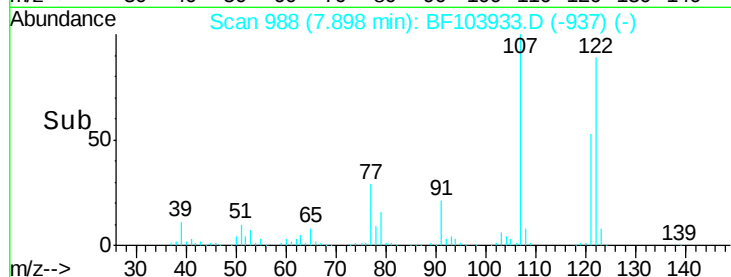
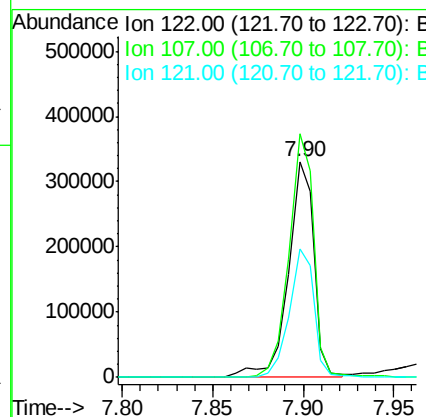
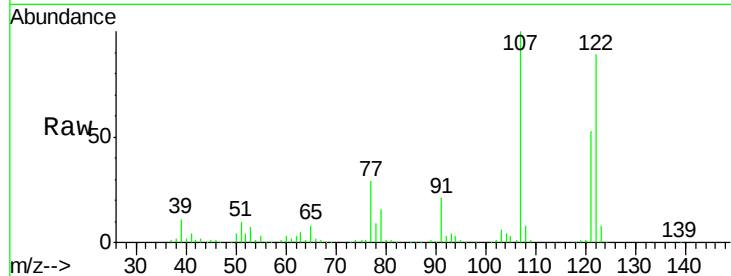
#27
2,4-Dimethylphenol
Concen: 42.526 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
326124	122	100			
	107	112.9	91.2	136.8	
	121	59.7	47.2	70.8	

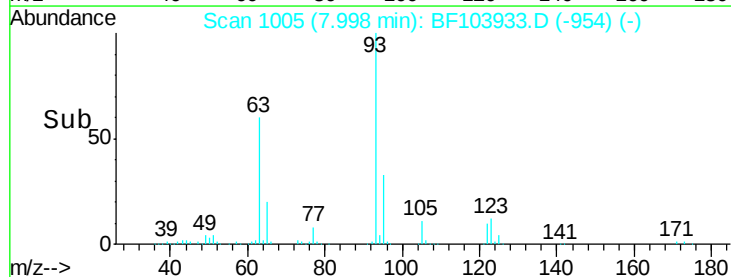
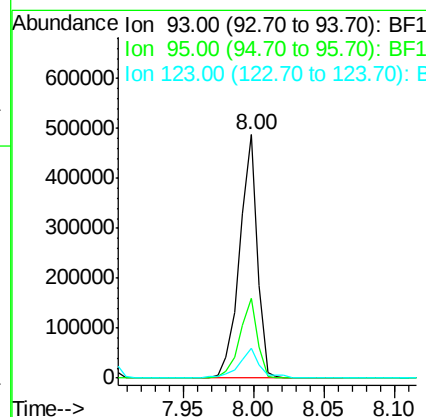
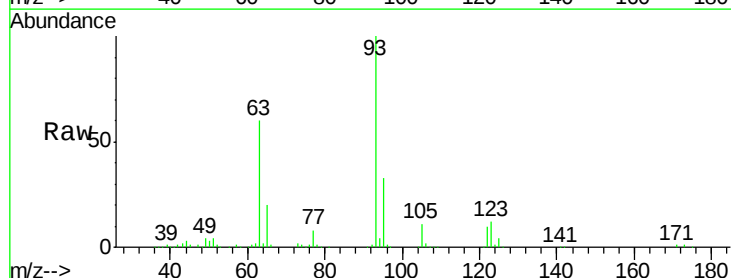
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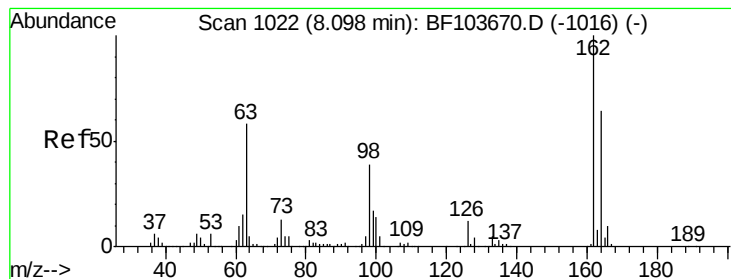
Sohil
3/27/2018 2:15:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.217 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
425103	93	100			
	95	32.9	26.3	39.5	
	123	12.2	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 42.637 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

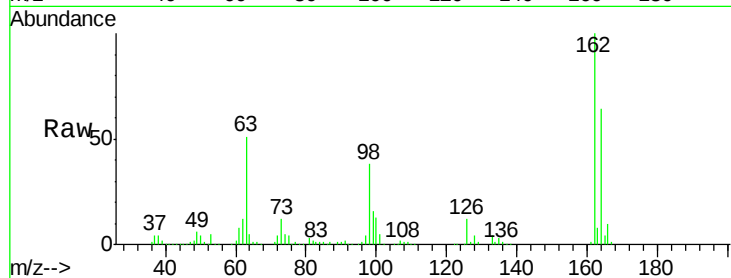
ClientSampleId :

PB107636BS

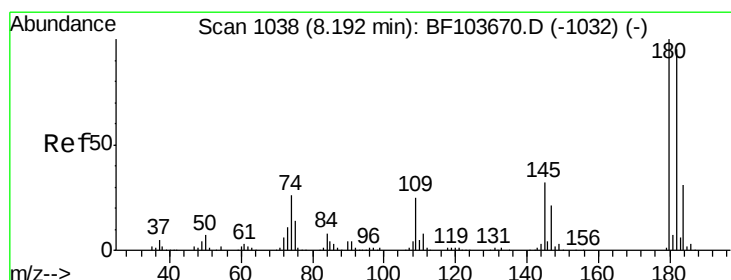
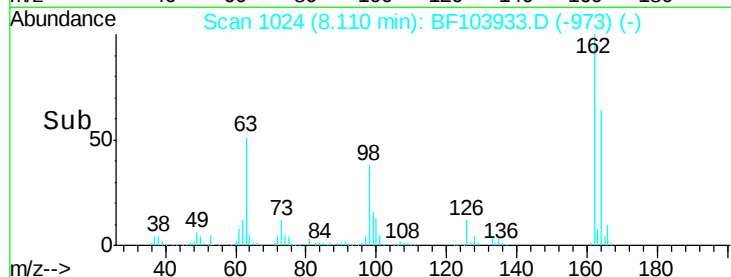
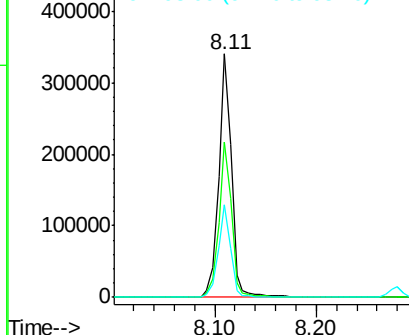
Tot Ion:	162	Resp:	297481
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	37.9	18.1	58.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.725 ng

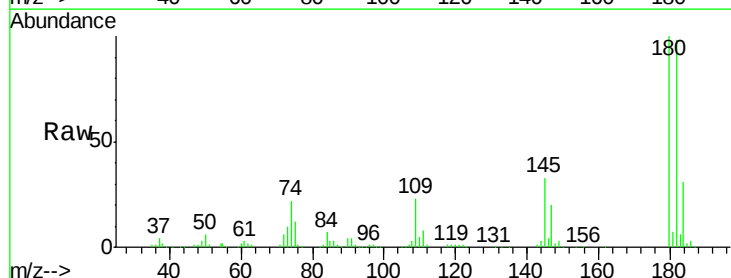
RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

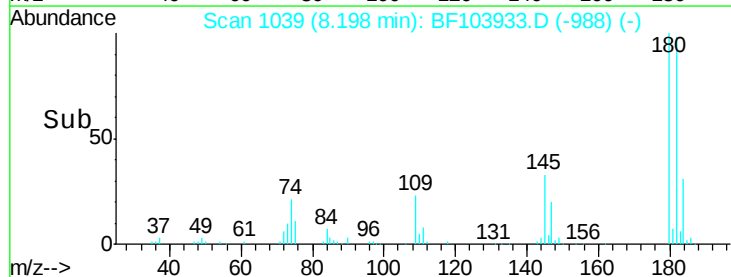
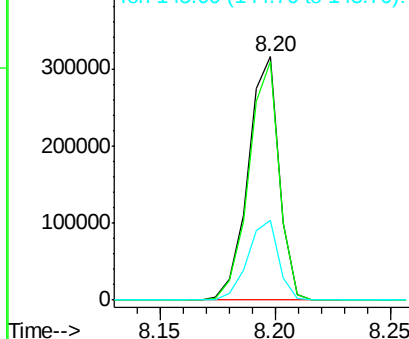
Lab File: BF103933.D

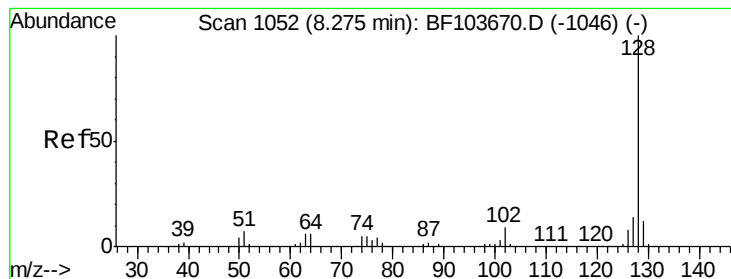
Acq: 26 Mar 2018 19:03

Tgt Ion:	180	Resp:	297189
Ion Ratio	Lower	Upper	
180	100		
182	98.2	76.8	115.2
145	32.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.623 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

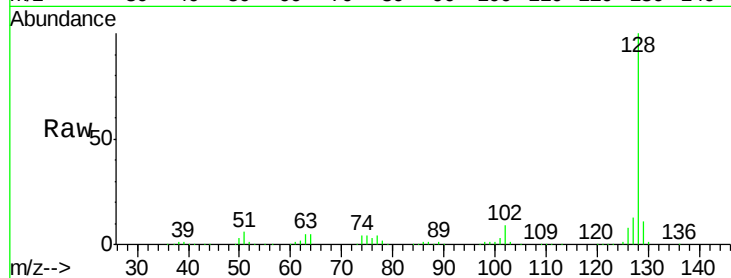
ClientSampleId :

PB107636BS

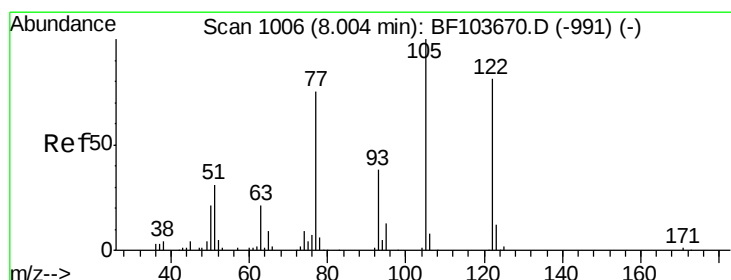
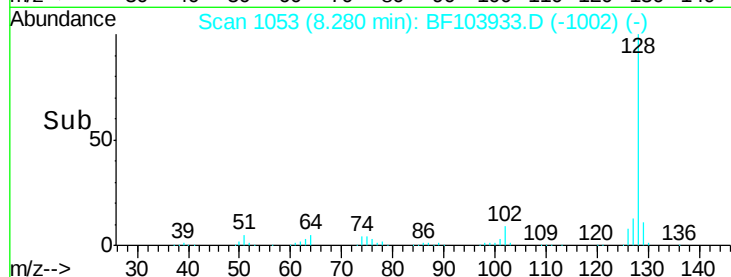
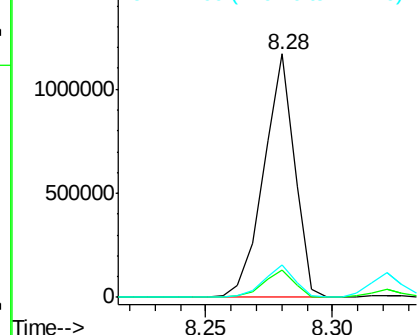
Tot Ion:	128	Resp:	997646
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
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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: 39.441 ng

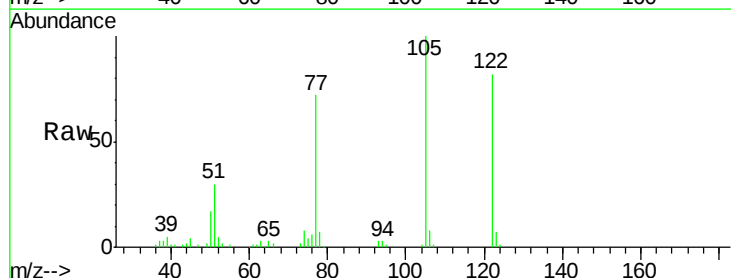
RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

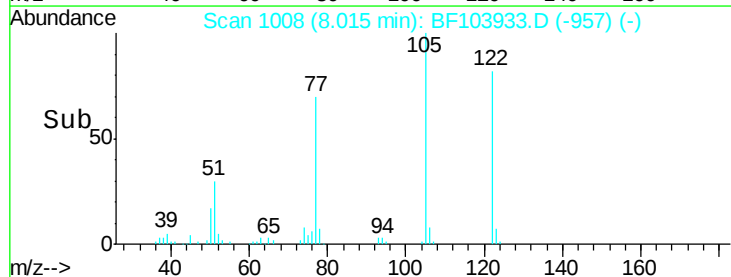
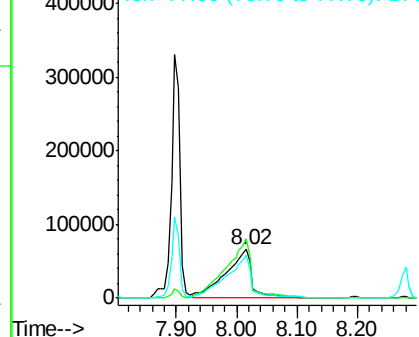
Lab File: BF103933.D

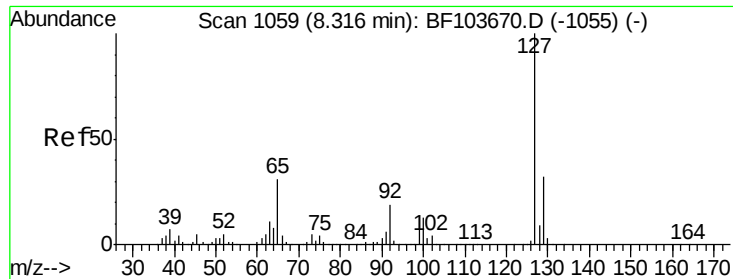
Acq: 26 Mar 2018 19:03

Tgt Ion:	122	Resp:	201378
Ion Ratio	Lower	Upper	
122	100		
105	121.3	101.1	141.1
77	87.1	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





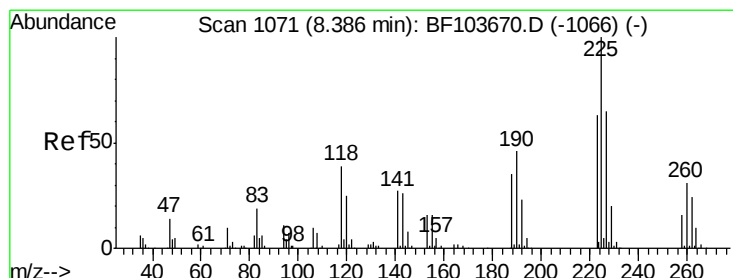
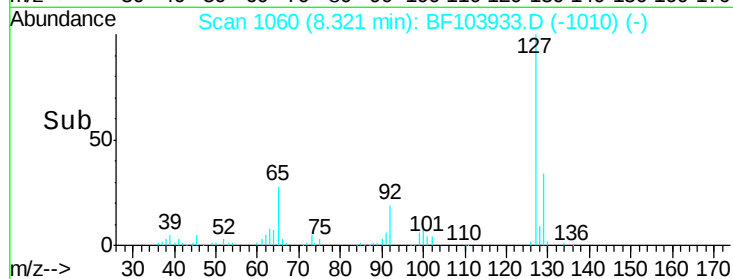
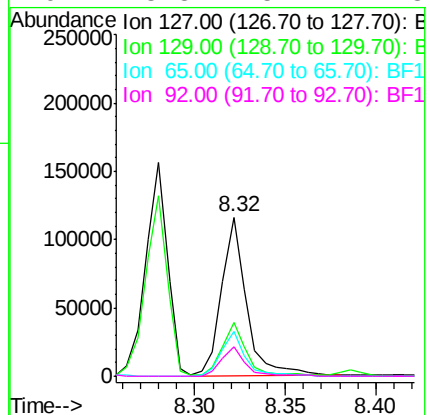
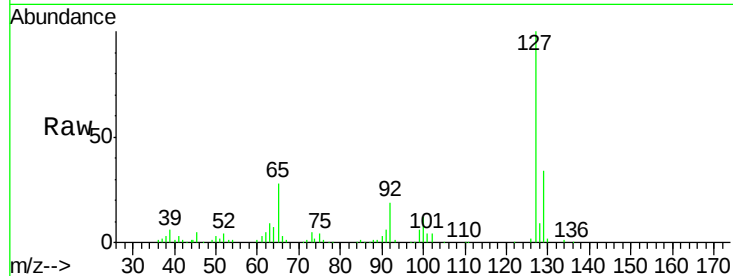
#33
4-Chloroaniline
Concen: 9.674 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	25.9	38.9	
65	28.3	25.0	37.4	
92	18.8	15.2	22.8	

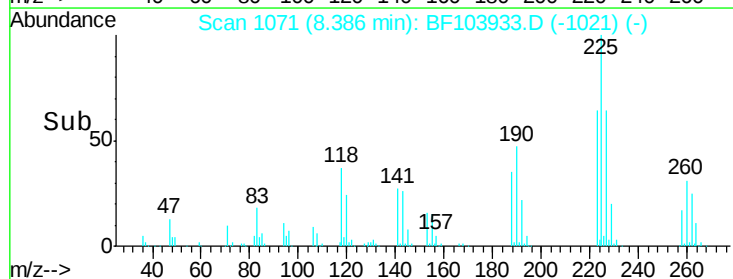
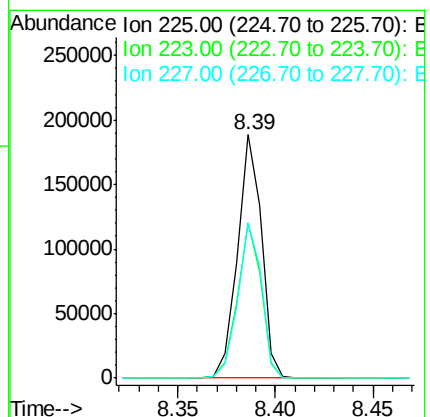
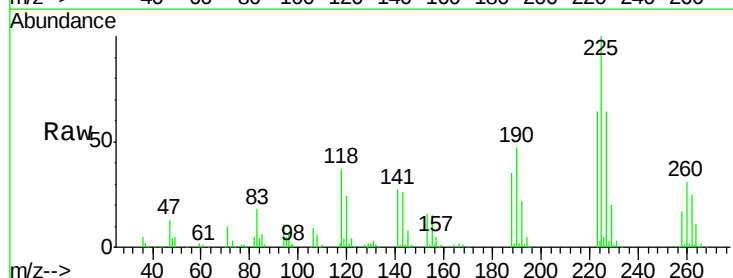
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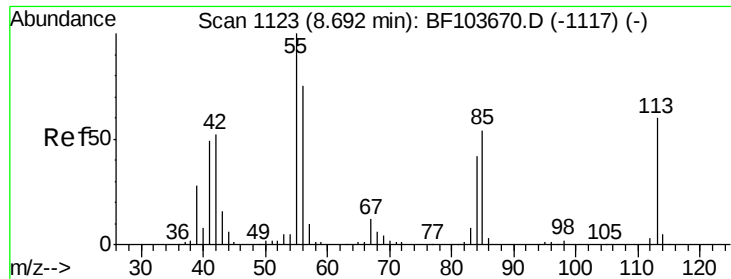
Sohil
3/27/2018 2:15:31 PM



#34
Hexachlorobutadiene
Concen: 36.131 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.6	76.0	
227	63.9	51.9	77.9	





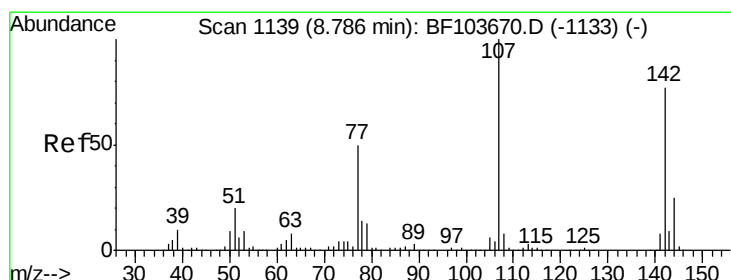
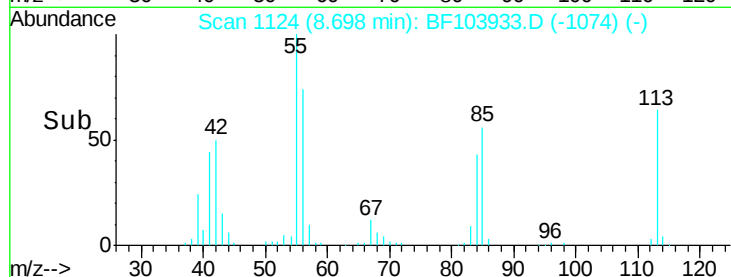
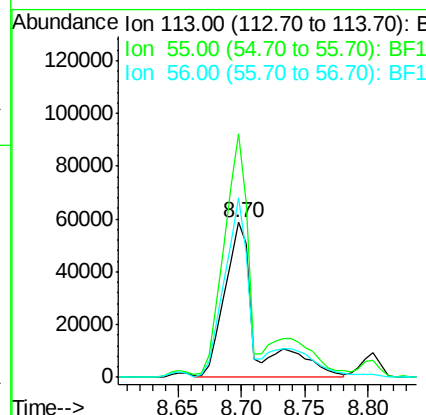
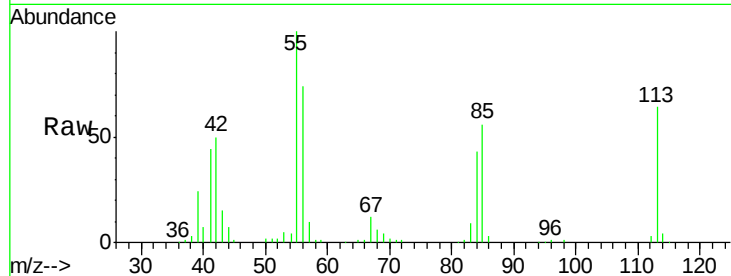
#35
 Caprolactam
 Concen: 42.008 ng/ml
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	157.1	163.3	203.3	#
56	115.9	115.7	155.7	

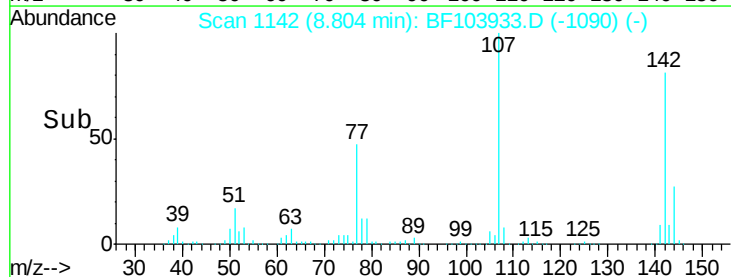
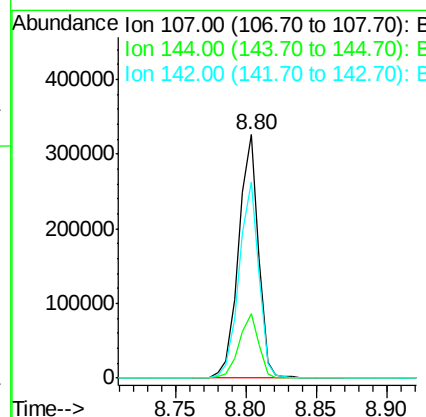
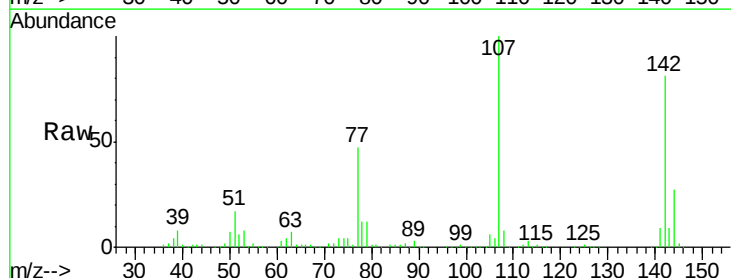
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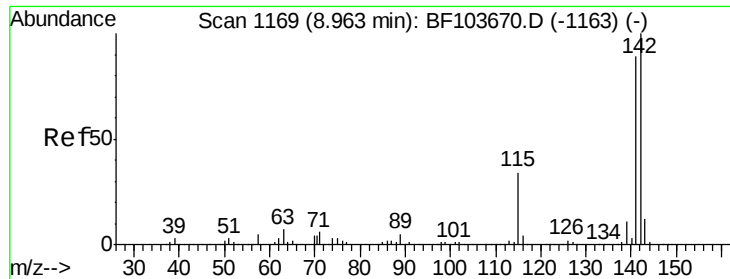
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 41.496 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.6	20.5	30.7	
142	80.7	62.0	93.0	





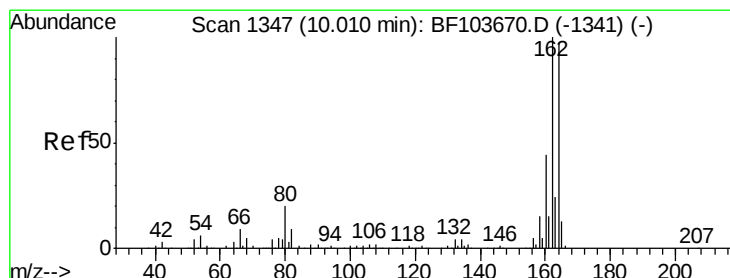
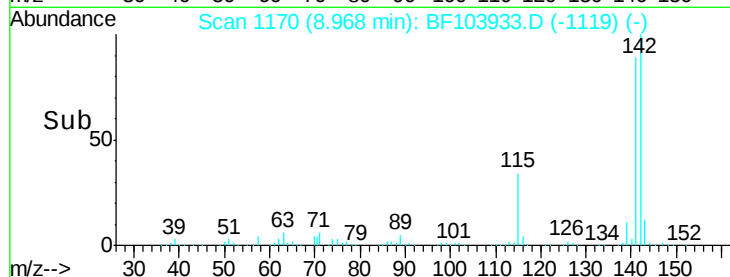
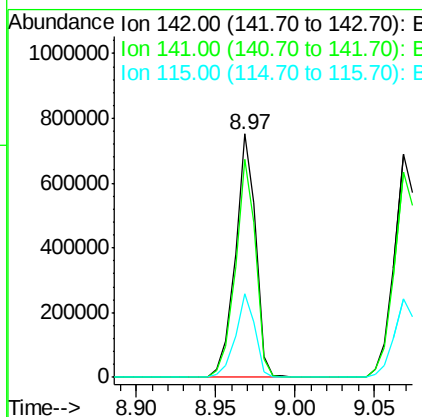
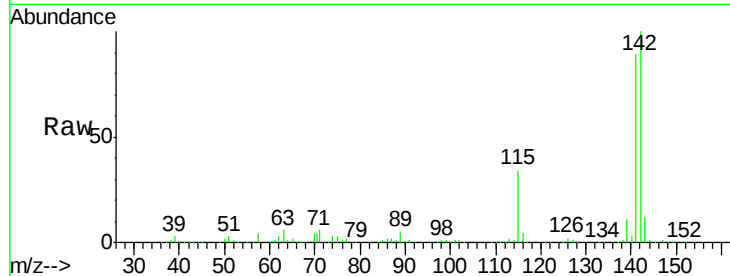
#37
 2-Methylnaphthalene
 Concen: 38.639 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleID :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	34.1	26.1	39.1

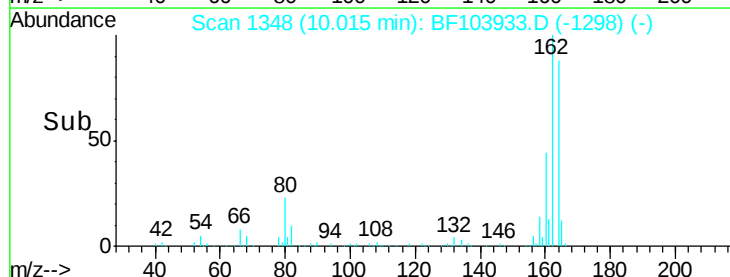
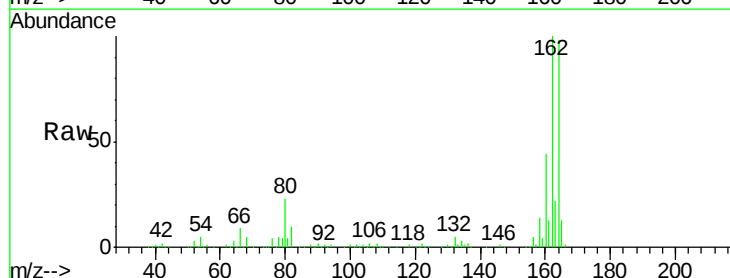
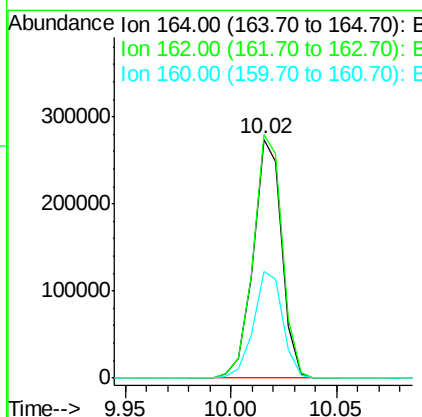
Manual Integrations
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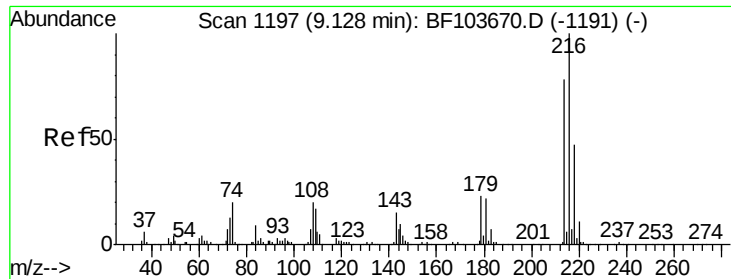
Sohil
 3/27/2018 2:15:31 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	44.8	38.3	57.5





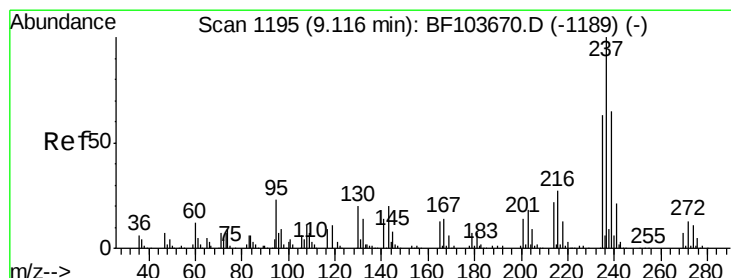
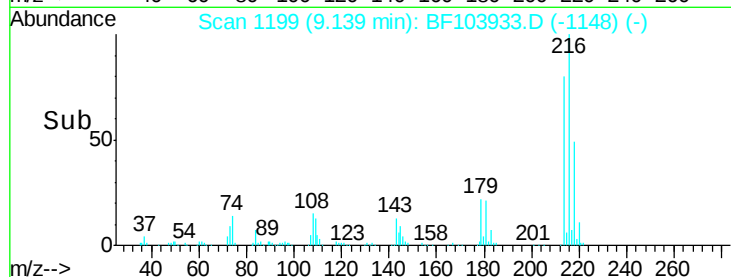
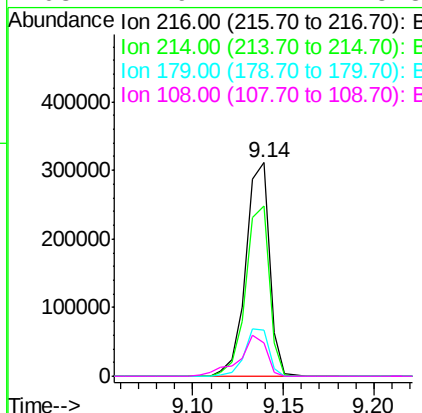
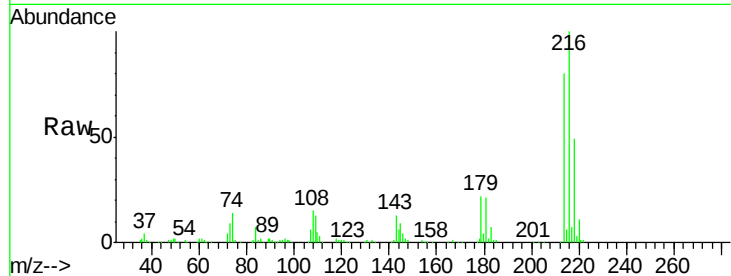
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.473 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		282662		
214	79.7		63.0	94.4	
179	22.5		18.1	27.1	
108	21.9		17.2	25.8	

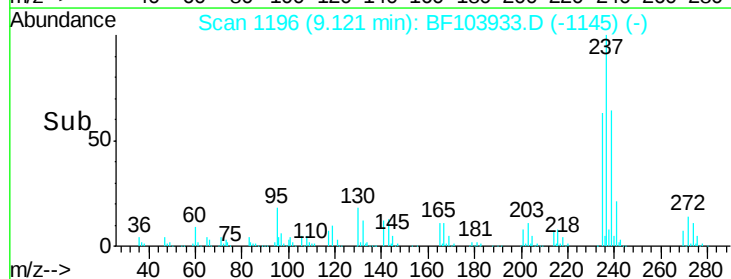
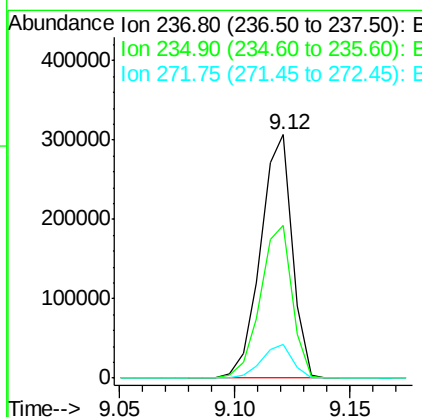
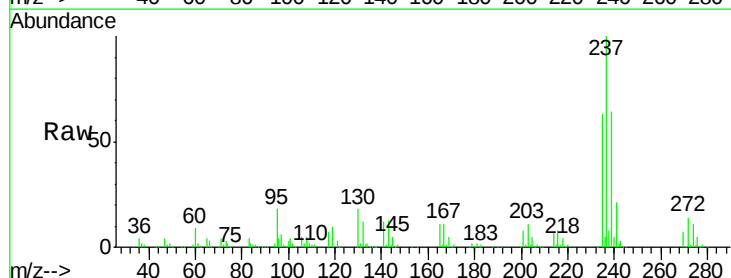
Manual Integrations
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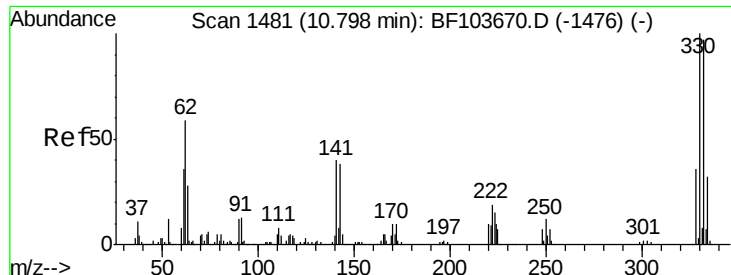
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 77.287 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		293001		
235	62.9		44.8	84.8	
272	13.7		0.0	33.3	





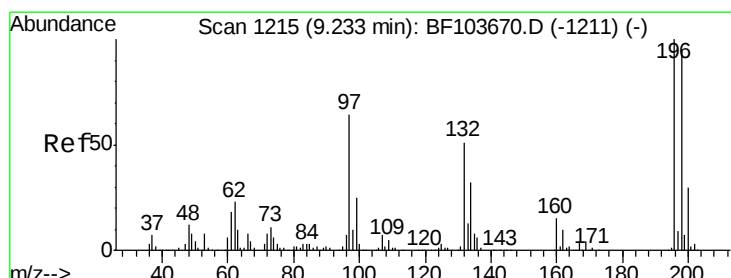
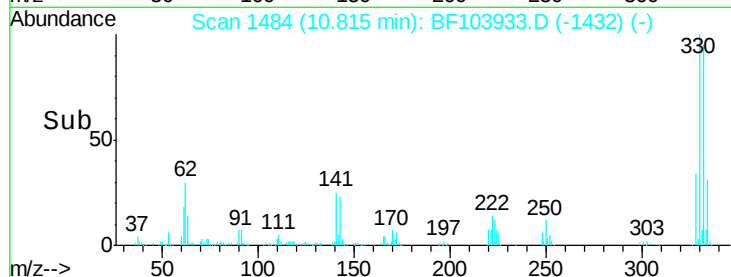
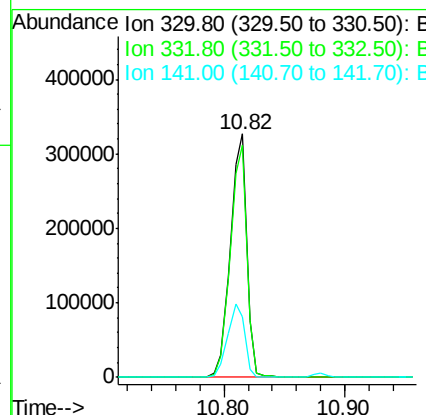
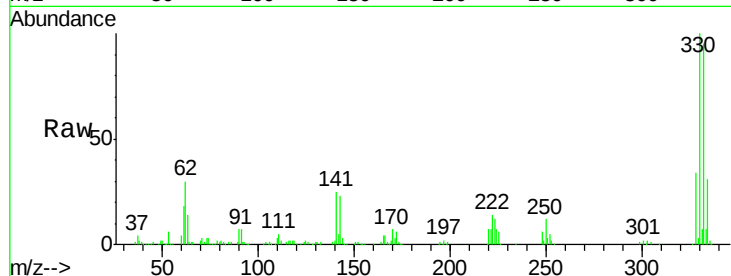
#41
 2,4,6-Tribromophenol
 Concen: 139.463 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	308807		
332	96.0	77.0	115.6	
141	31.4	29.9	44.9	

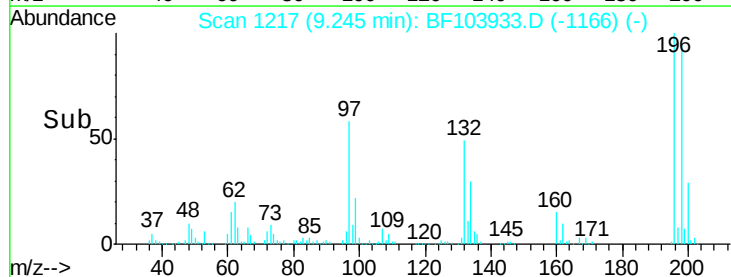
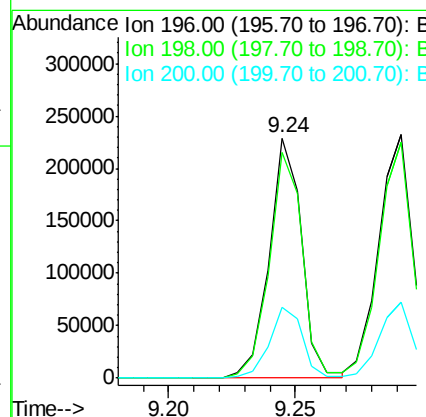
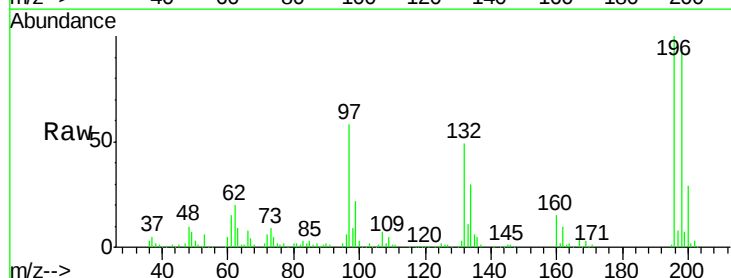
Manual Integrations
 APPROVED

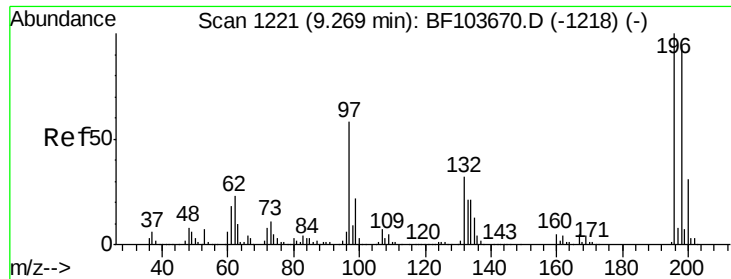
Sohil
 3/27/2018 2:15:31 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.676 ng
 RT: 9.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205247		
198	94.0	75.7	113.5	
200	29.5	24.5	36.7	





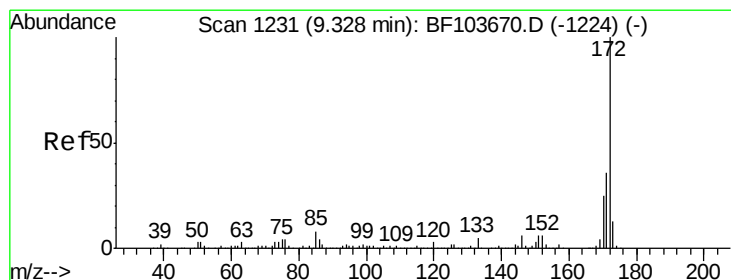
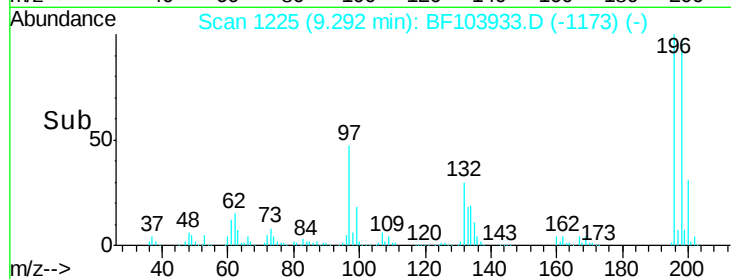
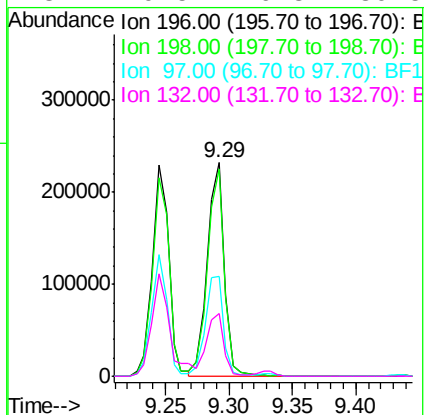
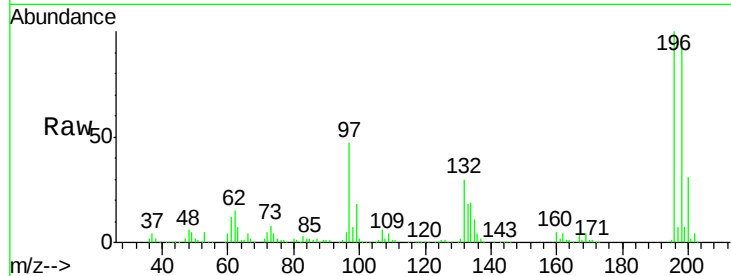
#43
2,4,5-Trichlorophenol
Concen: 41.720 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		221287		
198	96.9	74.6	112.0		
97	46.8	42.9	64.3		
132	29.5	26.3	39.5		

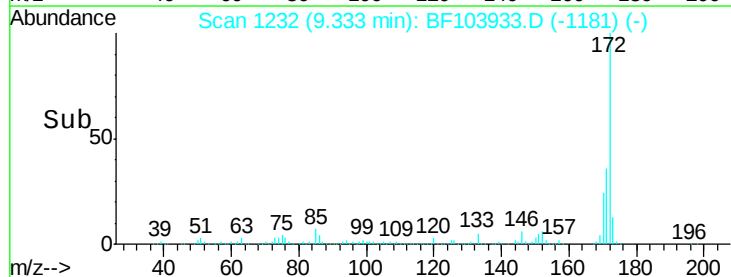
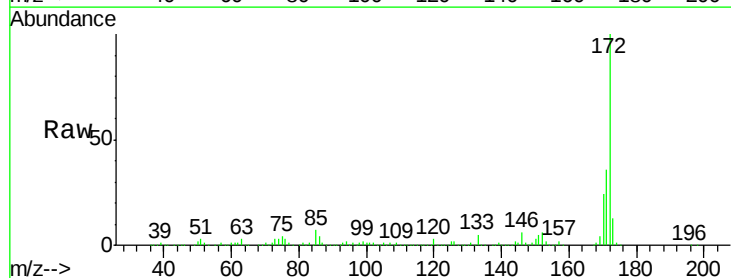
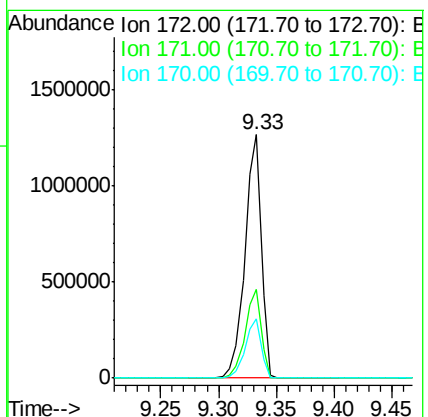
Manual Integrations
APPROVED

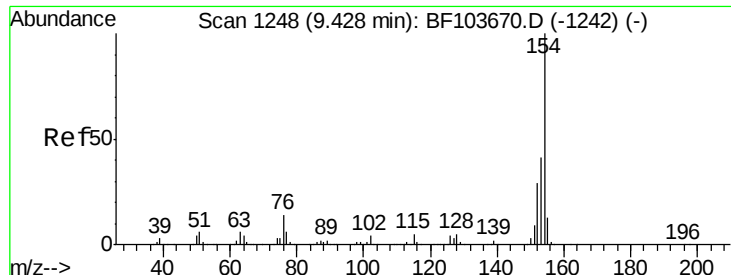
Sohil
3/27/2018 2:15:31 PM



#44
2-Fluorobiphenyl
Concen: 76.787 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1239691		
171	36.2	29.7	44.5		
170	24.2	19.6	29.4		





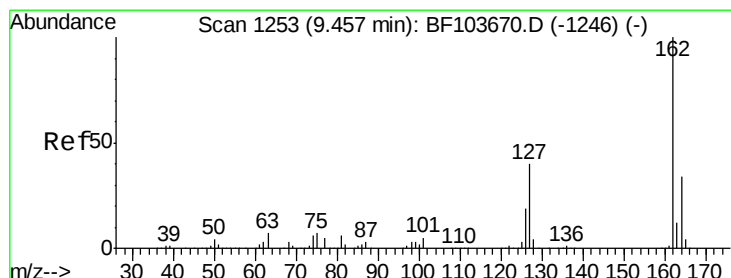
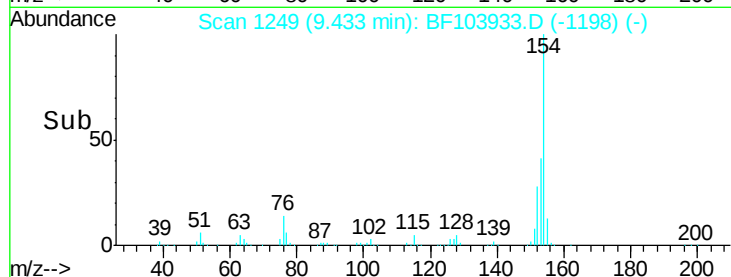
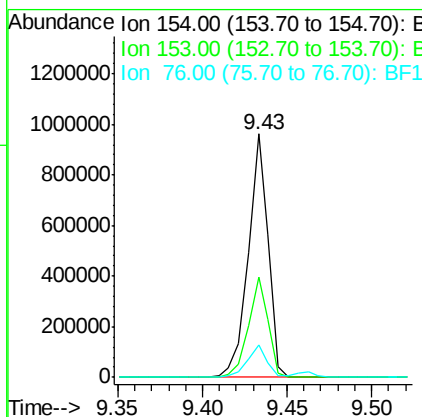
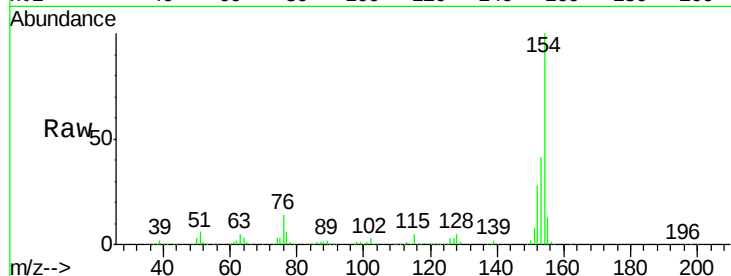
#45
 1,1'-Biphenyl
 Concen: 36.844 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion:	154	Resp:	791196
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	13.5	0.0	34.0

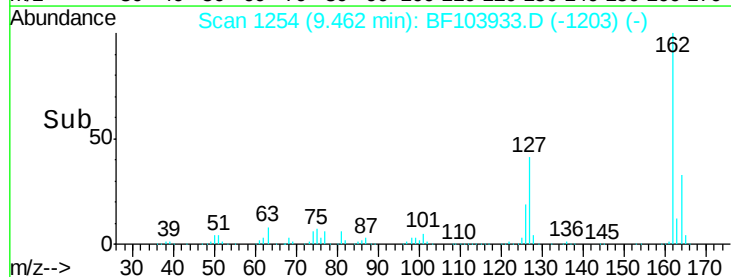
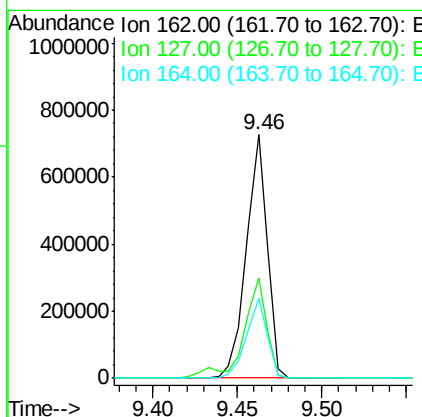
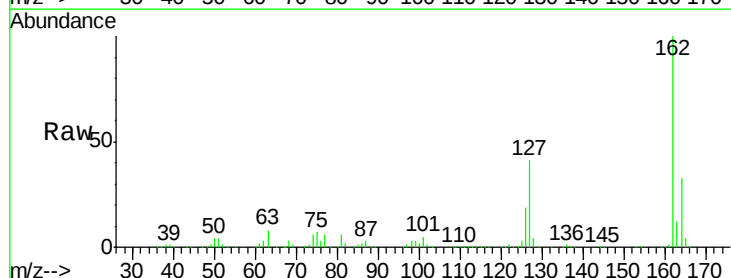
Manual Integrations
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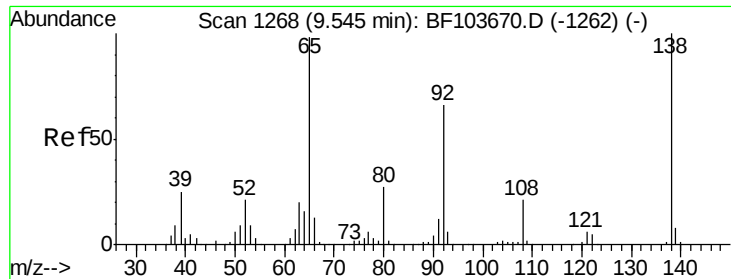
Sohil
 3/27/2018 2:15:31 PM



#46
 2-Chloronaphthalene
 Concen: 37.219 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion:	162	Resp:	634807
Ion Ratio	Lower	Upper	
162	100		
127	41.0	33.9	50.9
164	32.9	26.5	39.7





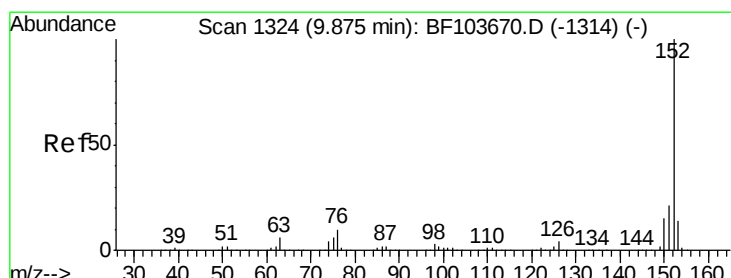
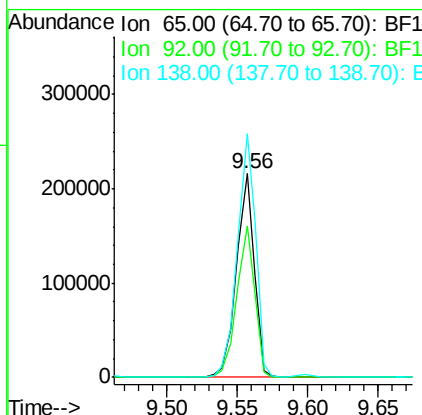
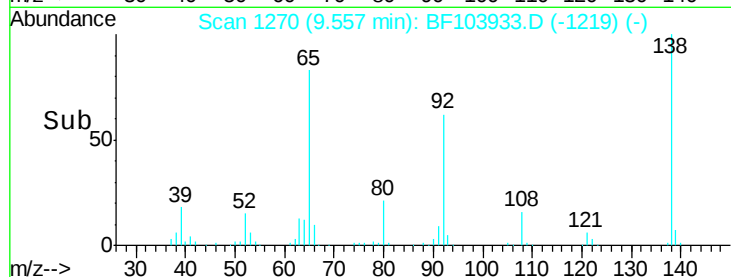
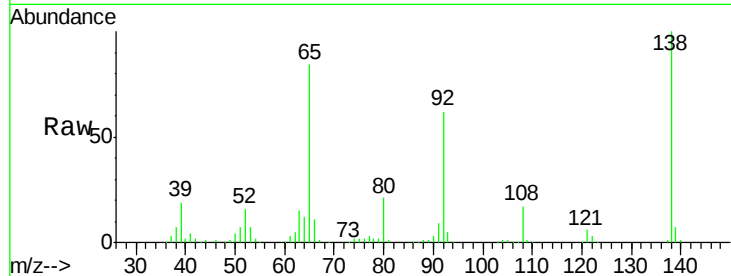
#47
 2-Nitroaniline
 Concen: 43.533 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.5	55.8	83.6
138	119.5	91.2	136.8

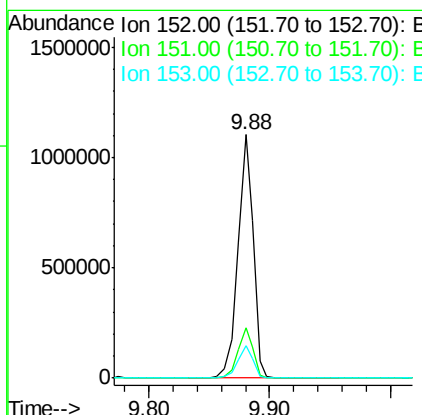
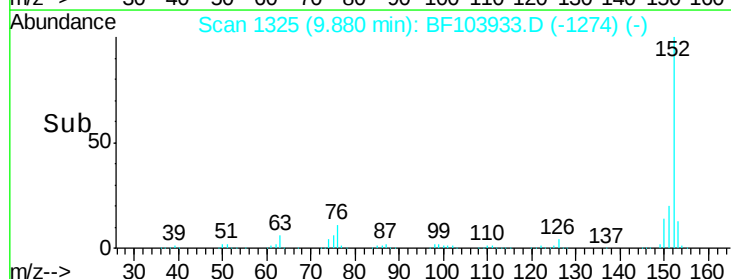
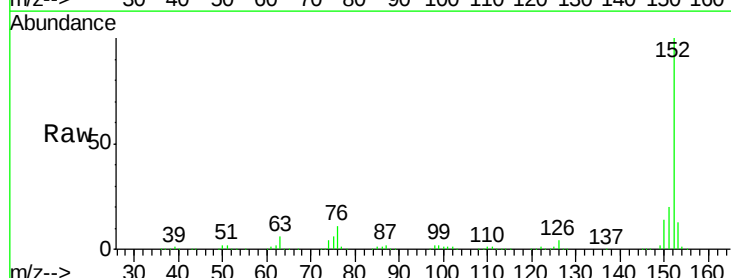
Manual Integrations
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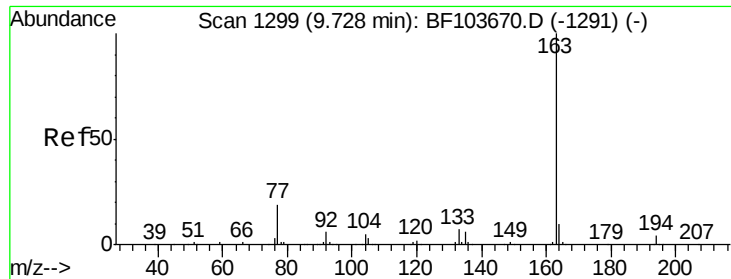
Sohil
 3/27/2018 2:15:31 PM



#48
 Acenaphthylene
 Concen: 36.757 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





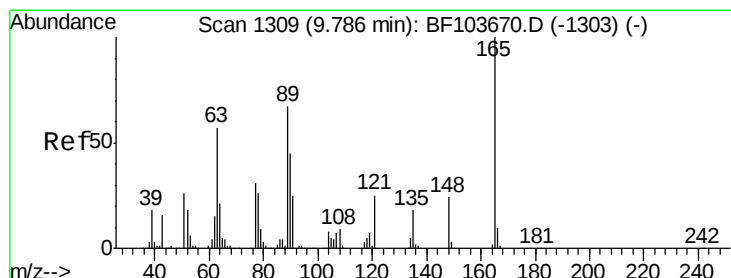
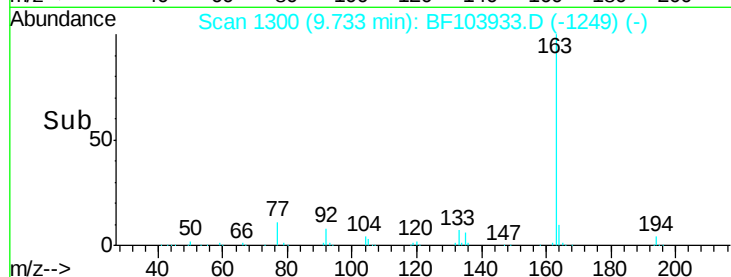
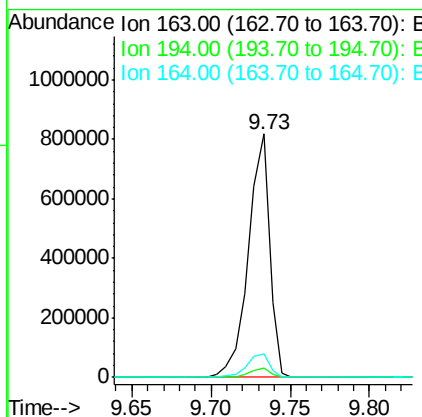
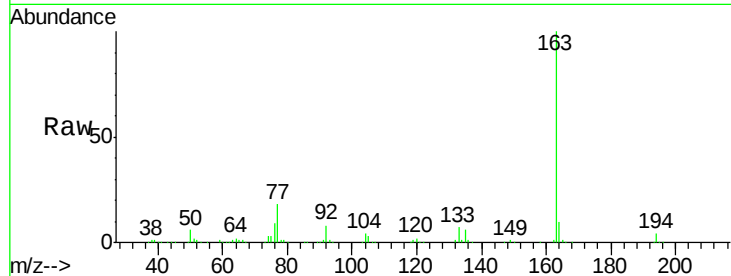
#49
Dimethylphthalate
Concen: 38.664 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleID :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	759682		
194	3.7		2.7	4.1
164	9.8		8.2	12.2

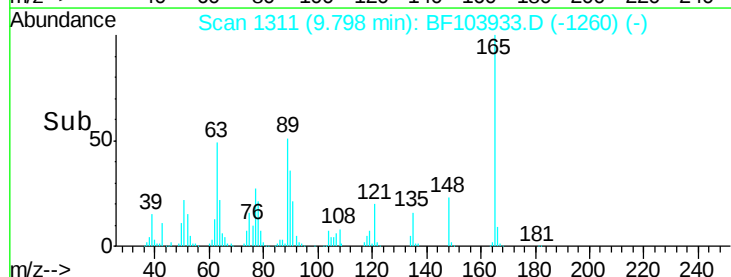
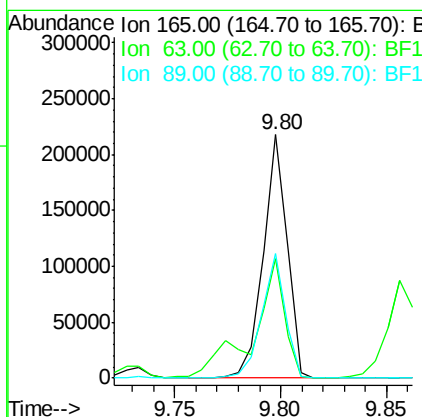
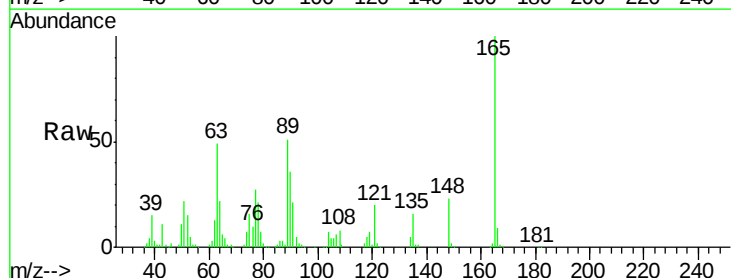
Manual Integrations
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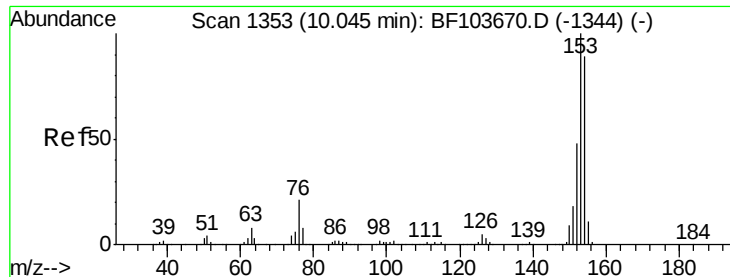
Sohil
3/27/2018 2:15:31 PM



#50
2,6-Dinitrotoluene
Concen: 45.499 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172074		
63	49.0		44.7	67.1
89	51.0		44.0	66.0





#51

Acenaphthene

Concen: 36.701 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

ClientSampleId :

PB107636BS

Tot Ion:154 Resp: 576364

Ion Ratio Lower Upper

154 100

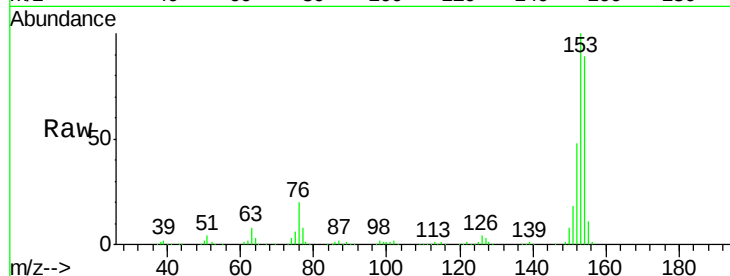
153 112.2 91.2 136.8

152 53.4 43.8 65.8

Manual Integrations
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Sohil

3/27/2018 2:15:31 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

800000

600000

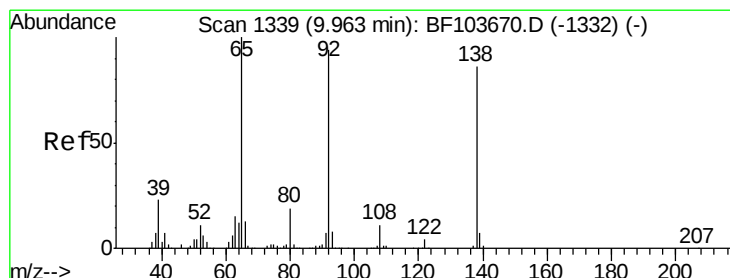
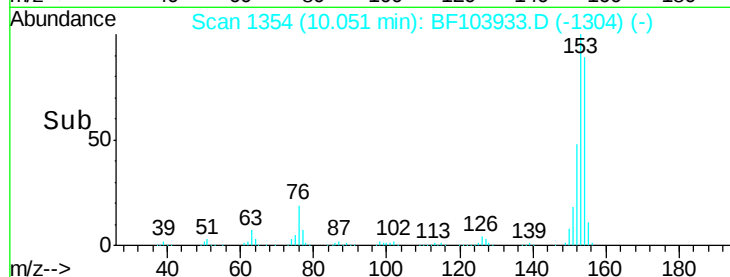
400000

200000

0

10.00 10.05

Time-->



#52

3-Nitroaniline

Concen: 24.159 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

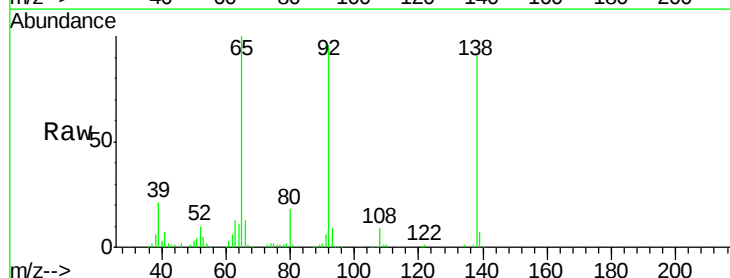
Tgt Ion:138 Resp: 100674

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

92 105.0 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

150000

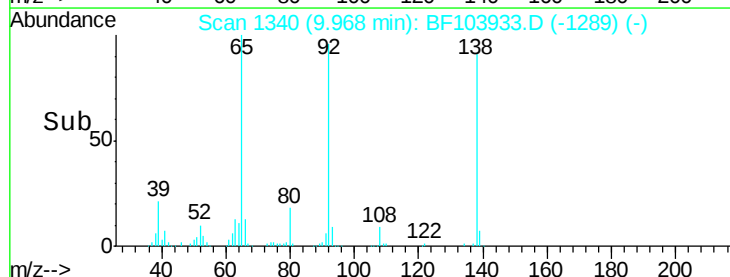
100000

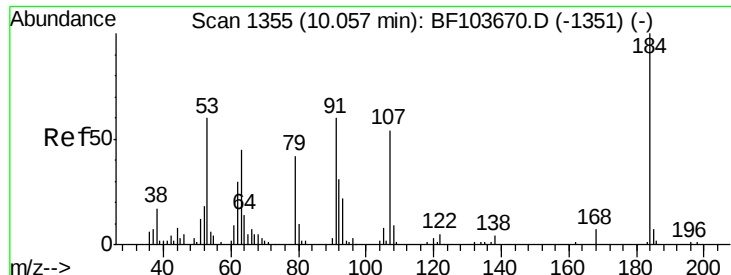
50000

0

9.90 9.95 10.00 10.05

Time-->





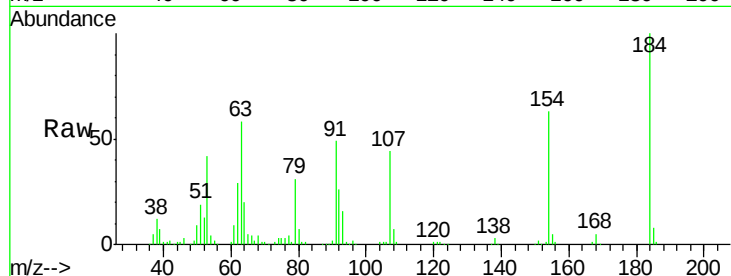
#53
2,4-Dinitrophenol
Concen: 112.208 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

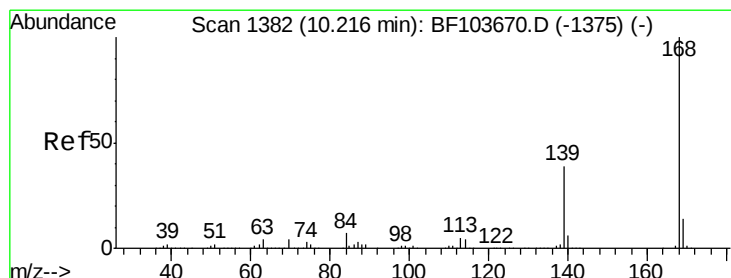
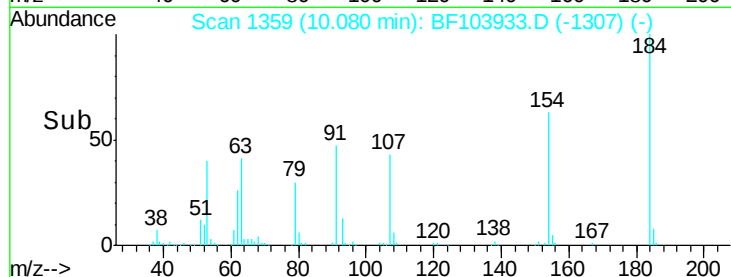
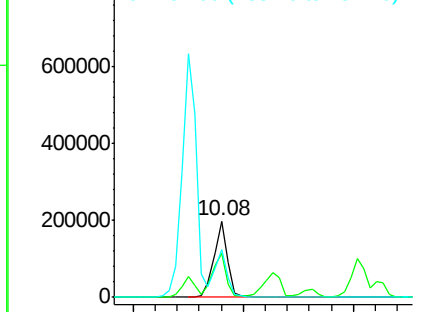
Tot Ion	Ratio	Lower	Upper
184	100		
63	58.1	54.2	81.2
154	62.8	184.0	276.0#

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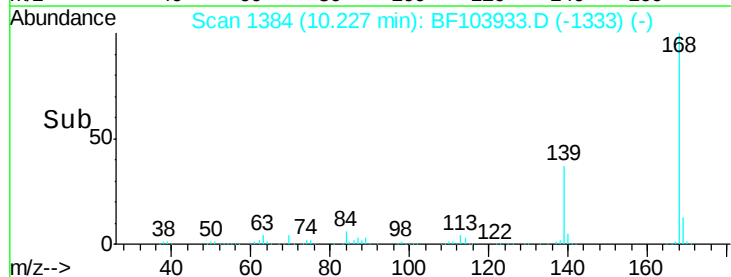
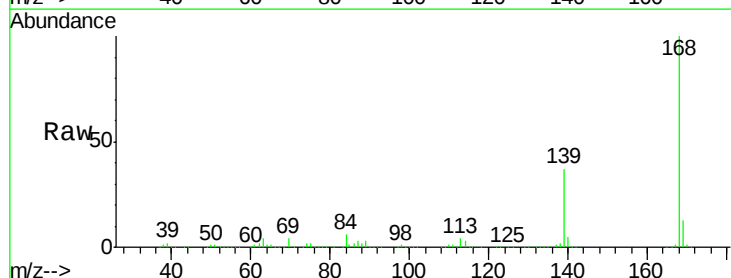
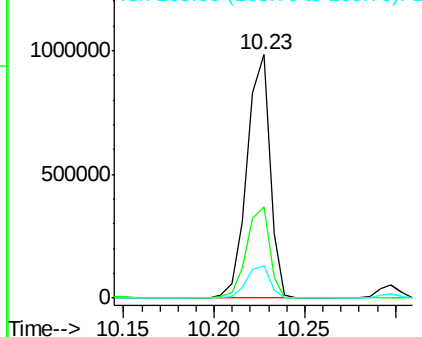
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

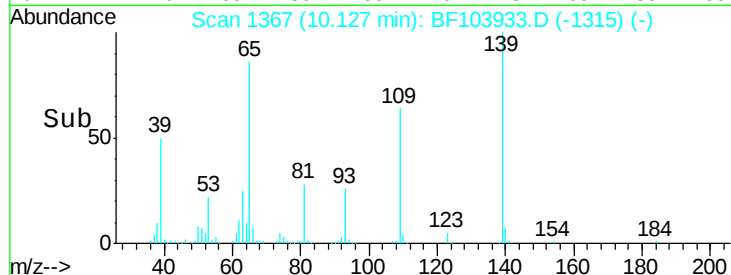
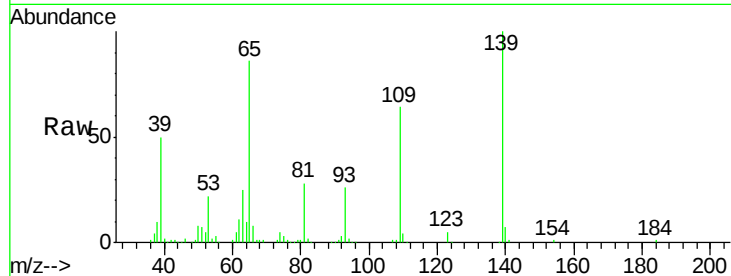
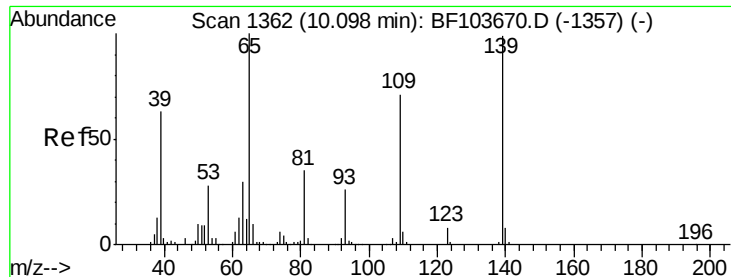


#54
Dibenzofuran
Concen: 38.838 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	13.2	10.9	16.3

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





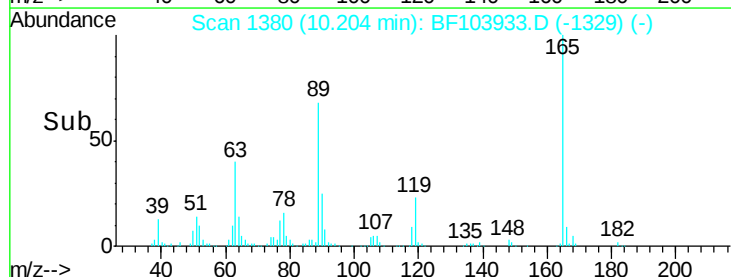
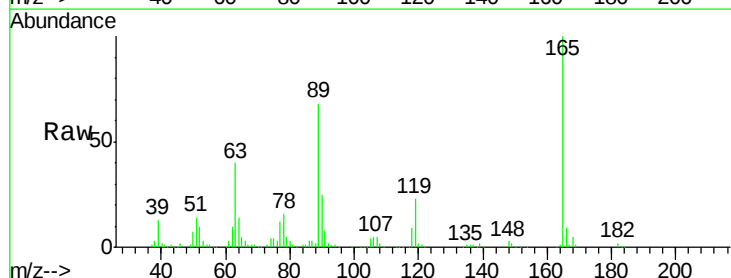
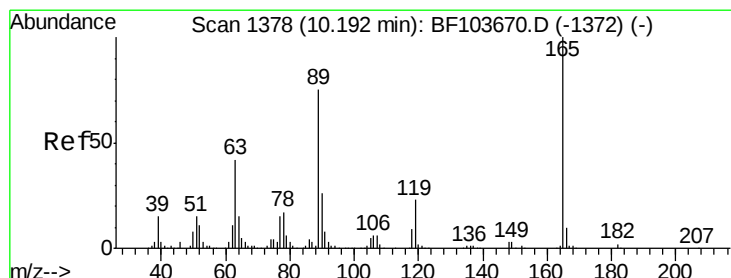
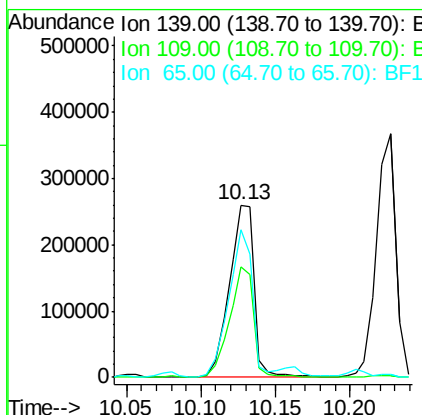
#55
4-Nitrophenol
Concen: 84.624 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.1	48.4	88.4	
65	85.7	72.6	112.6	

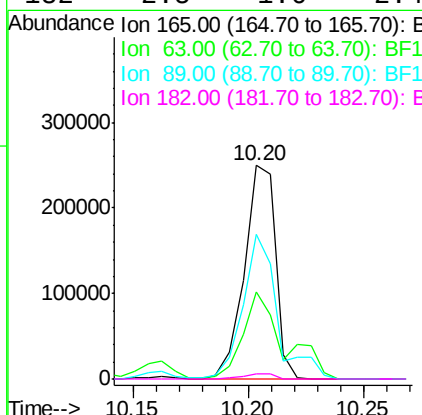
Manual Integrations
APPROVED

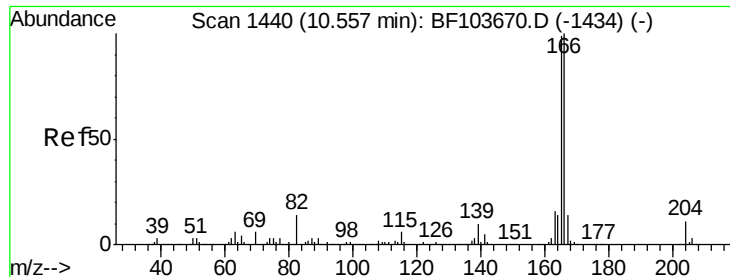
Sohil
3/27/2018 2:15:31 PM



#56
2,4-Dinitrotoluene
Concen: 49.089 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.5	36.4	54.6	
89	67.9	57.8	86.6	
182	2.5	1.6	2.4#	





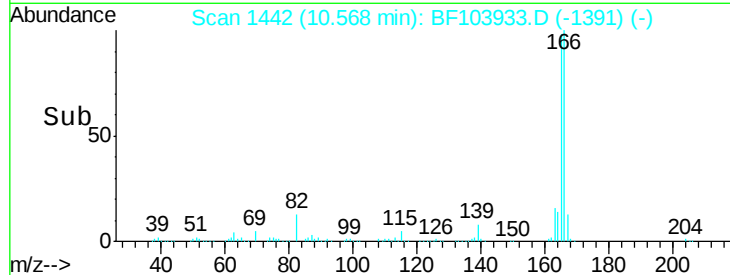
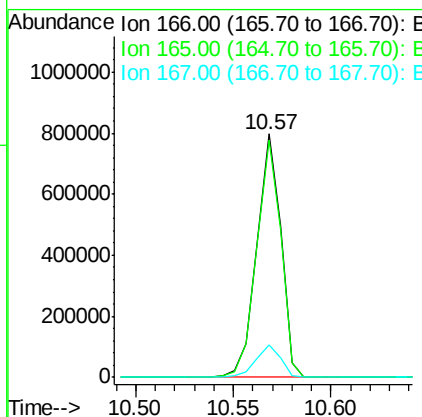
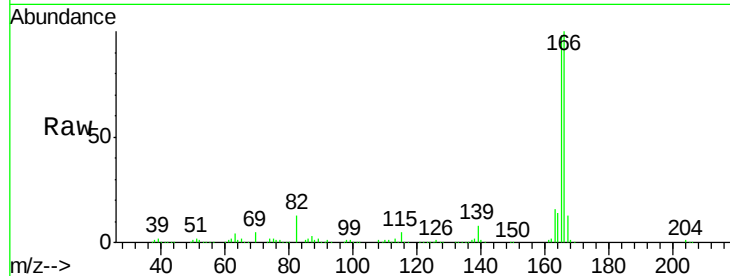
#57
 Fluorene
 Concen: 39.318 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleID :
 PB107636BS

Tot Ion:	166	Resp:	684312
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.8	119.8
167	13.3	10.6	16.0

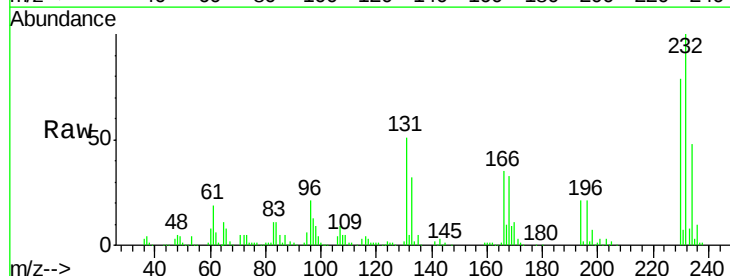
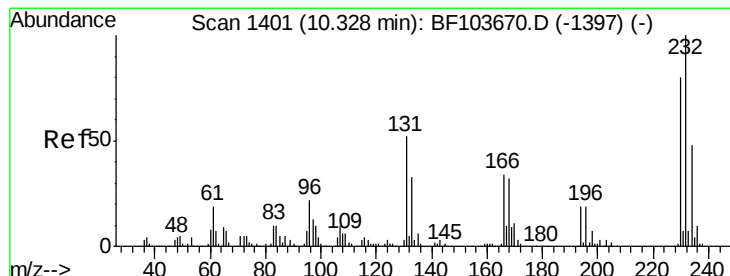
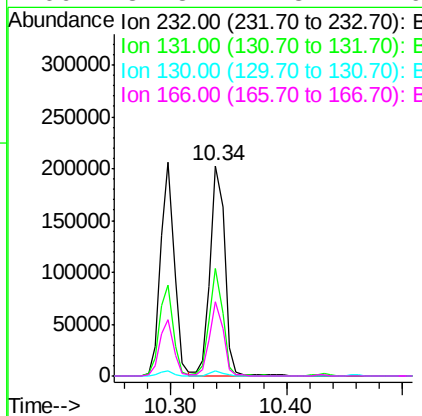
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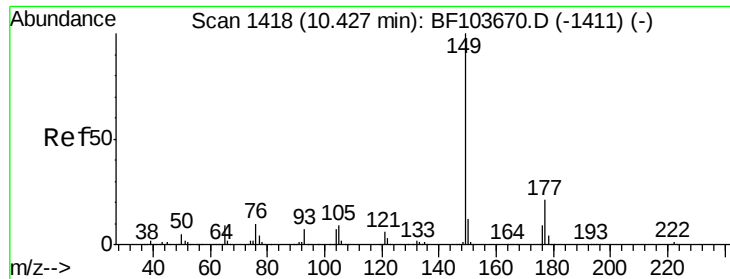
Sohil
 3/27/2018 2:15:31 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.222 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion:	232	Resp:	181234
Ion Ratio	Lower	Upper	
232	100		
131	47.1	43.8	65.8
130	2.3	2.1	3.1
166	32.8	27.8	41.6





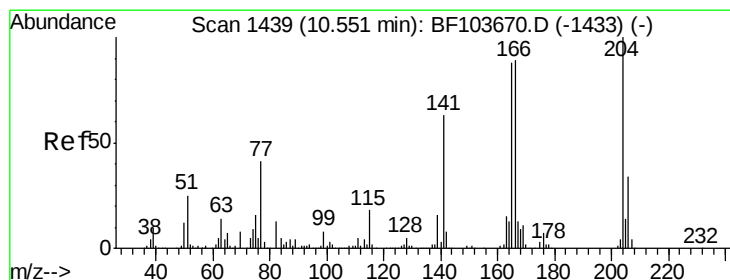
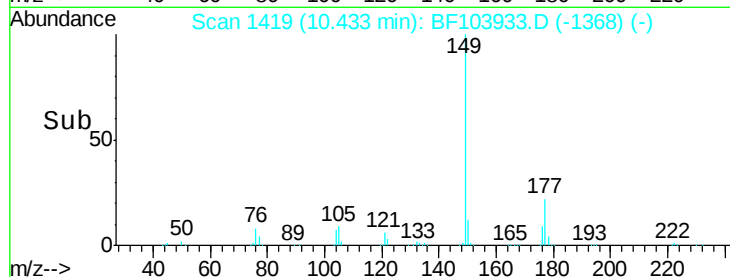
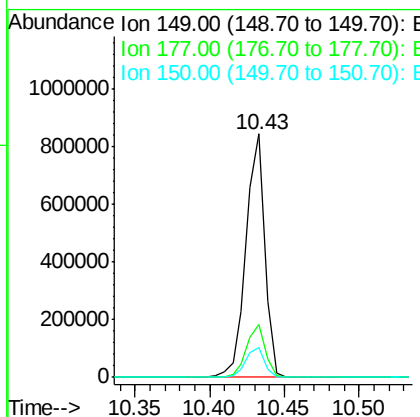
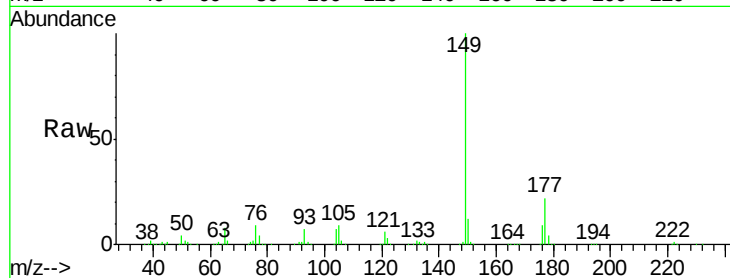
#59
Diethylphthalate
Concen: 37.805 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampled :
PB107636BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.3	10.1	15.1

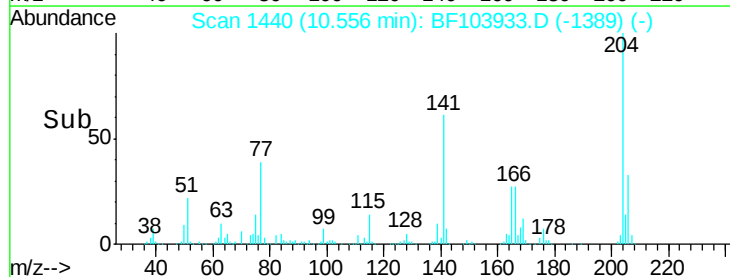
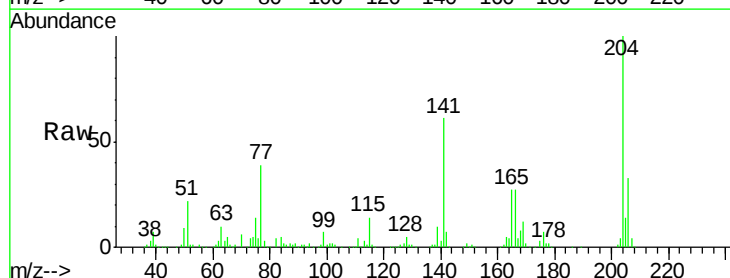
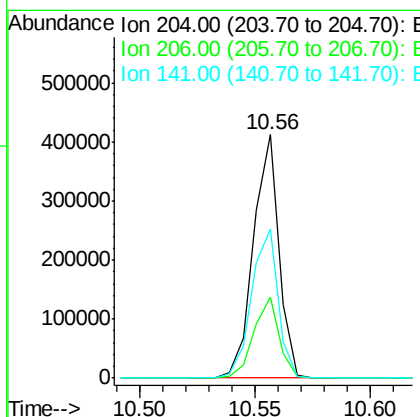
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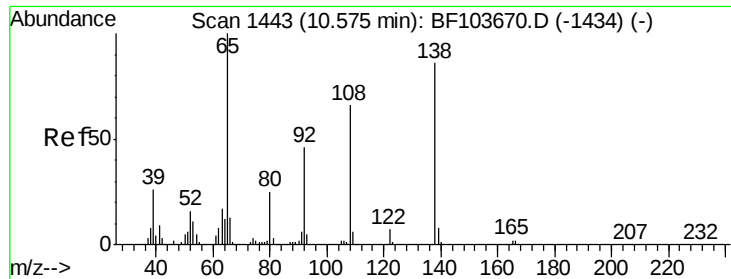
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.135 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.4	54.6	81.8





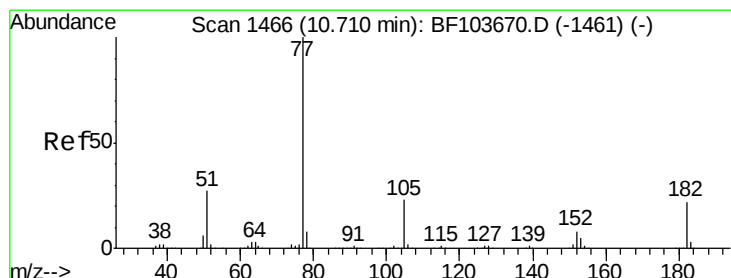
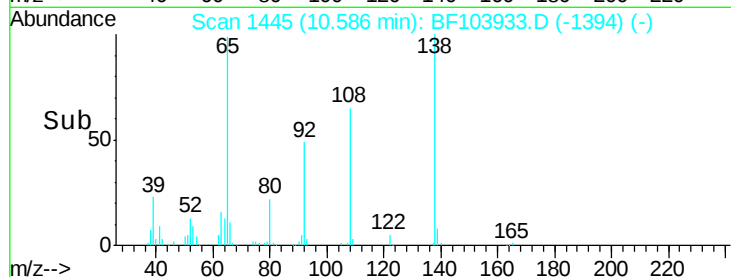
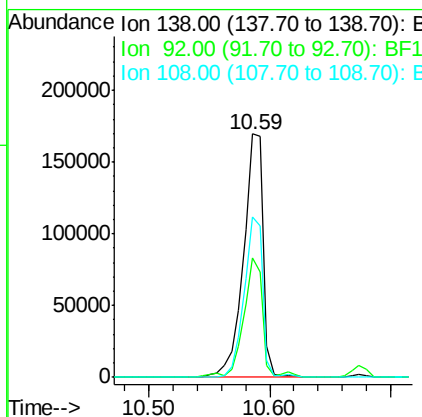
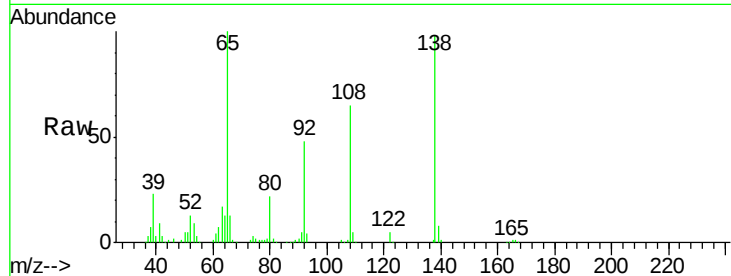
#61
4-Nitroaniline
Concen: 44.406 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	30.2	70.2
108	65.8	52.5	92.5

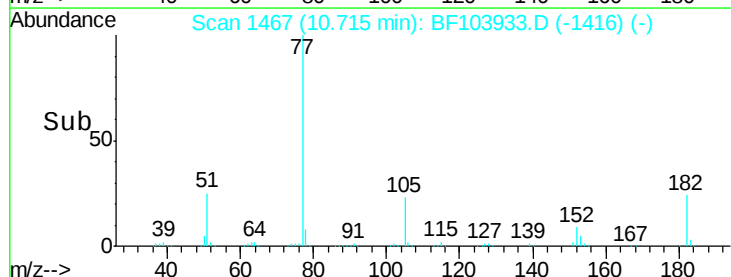
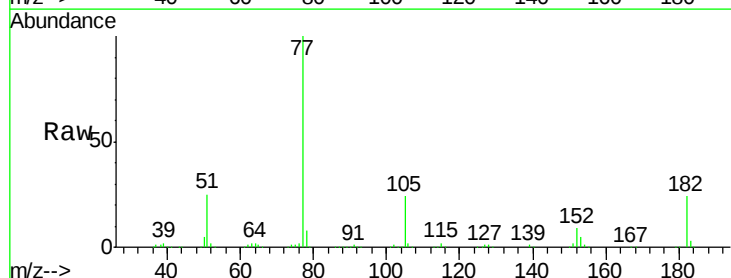
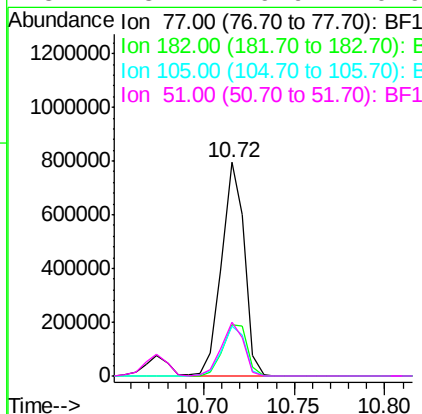
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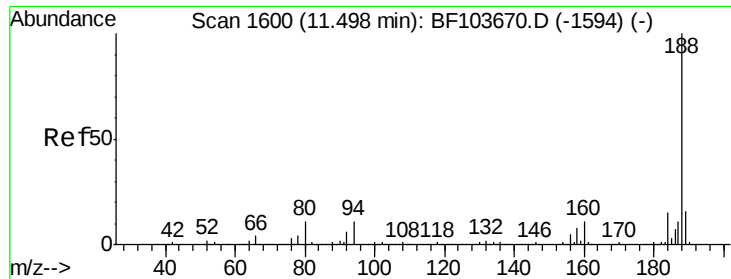
Sohil
3/27/2018 2:15:31 PM



#62
Azobenzene
Concen: 34.897 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	1.7	41.7
105	23.7	3.0	43.0
51	25.4	9.9	49.9





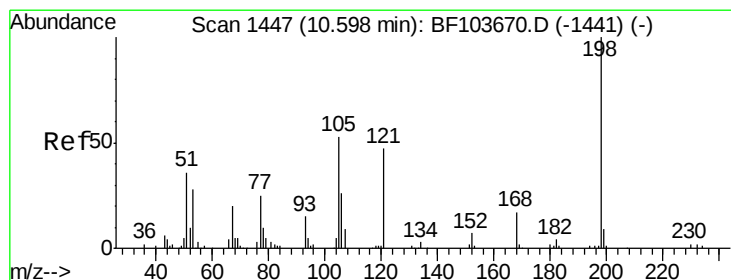
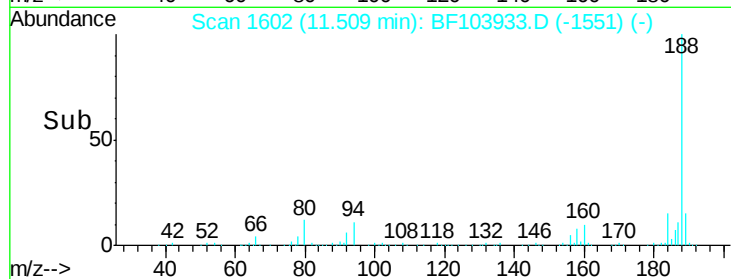
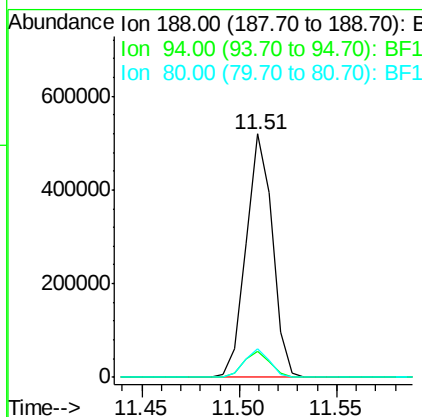
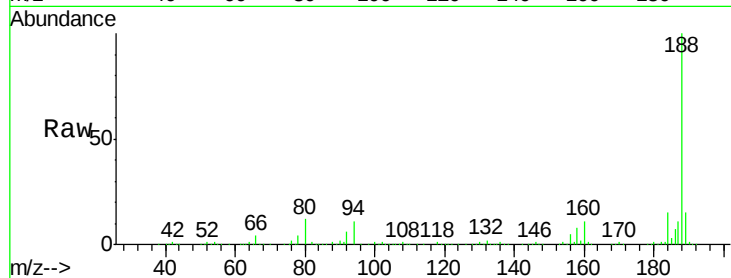
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	485939		
94	10.8		8.5	12.7
80	11.7		9.2	13.8

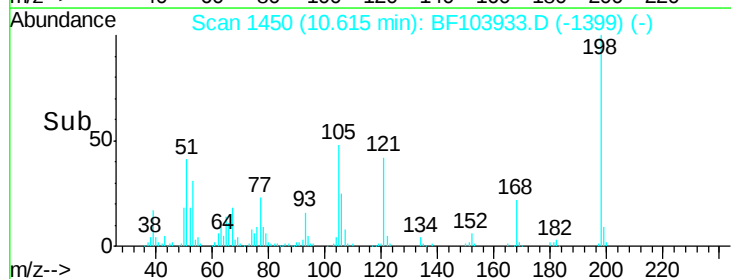
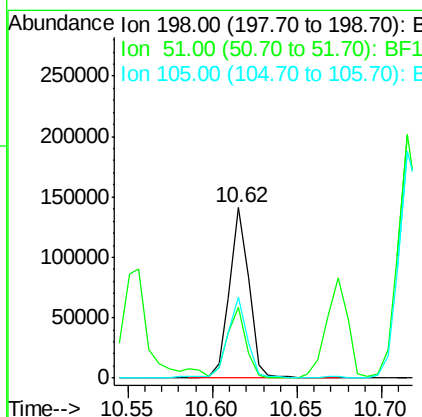
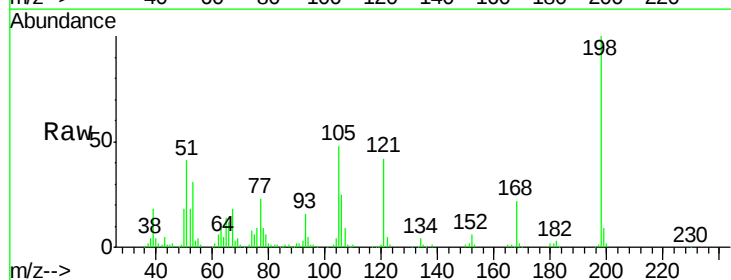
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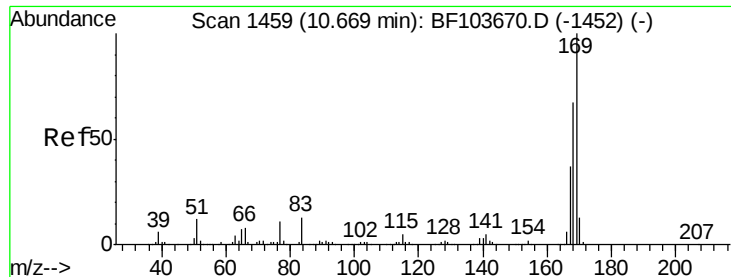
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 57.768 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113322		
51	41.2		37.7	77.7
105	47.5		36.3	76.3





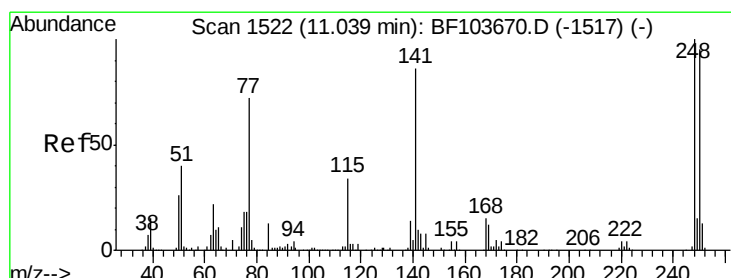
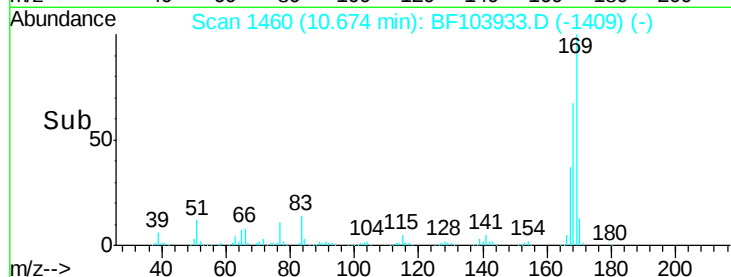
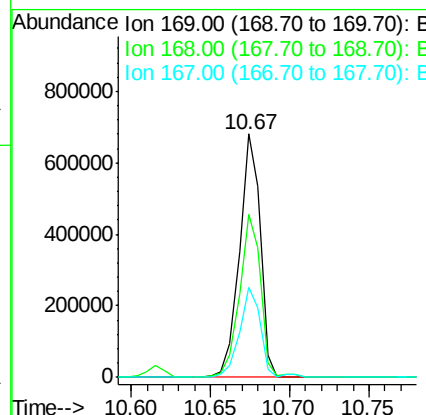
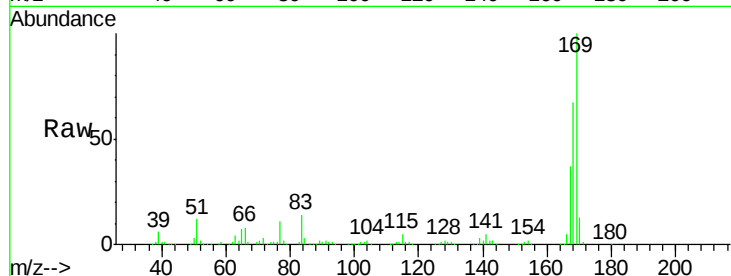
#65
n-Nitrosodiphenylamine
Concen: 37.445 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	619352		
168	67.0		54.4	81.6
167	37.1		29.8	44.6

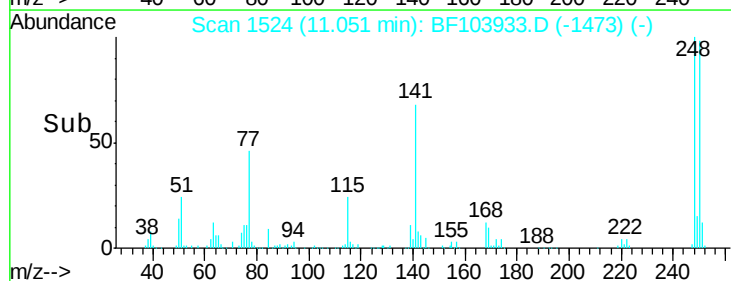
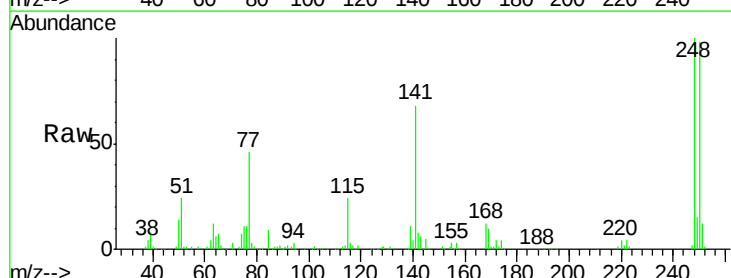
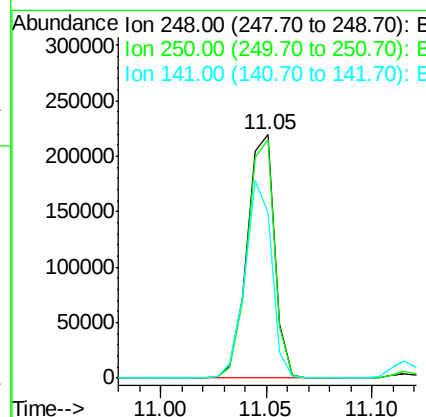
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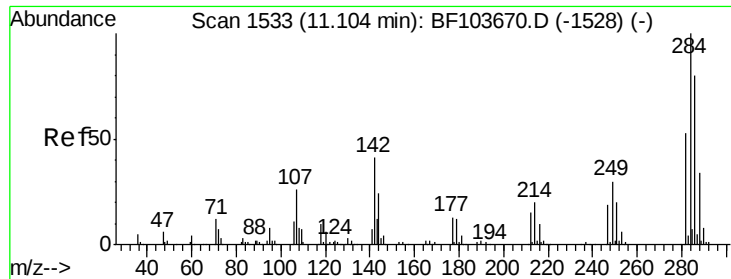
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 39.646 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	197804		
250	97.8		76.9	115.3
141	68.1		74.4	111.6#





#67

Hexachlorobenzene

Concen: 38.477 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

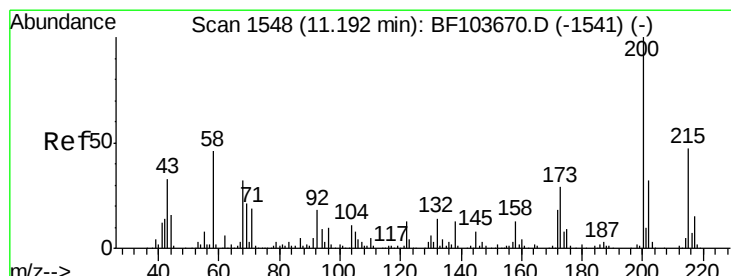
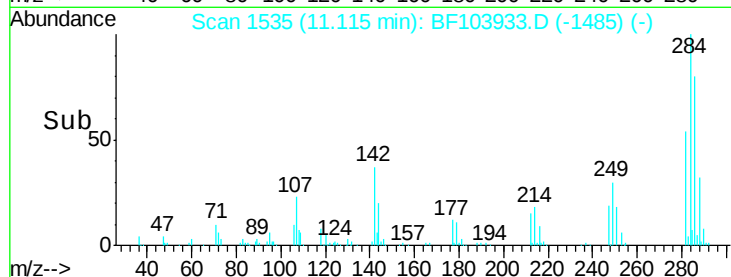
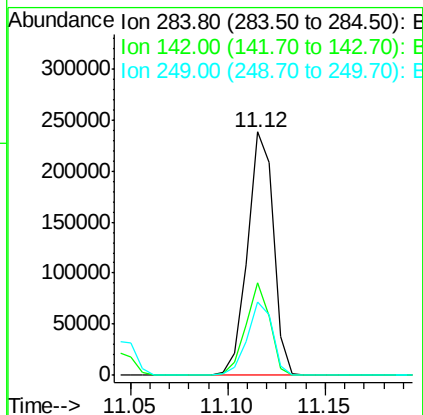
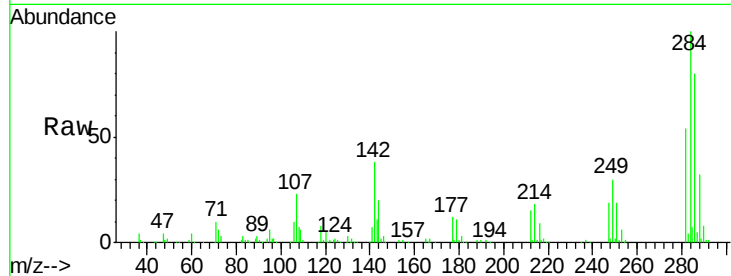
ClientSampleId :

PB107636BS

Tot Ion:	284	Resp:	219110
Ion Ratio	Lower	Upper	
284	100		
142	37.8	34.6	52.0
249	30.2	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 40.455 ng

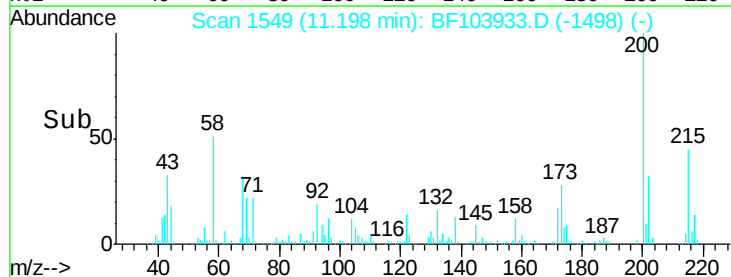
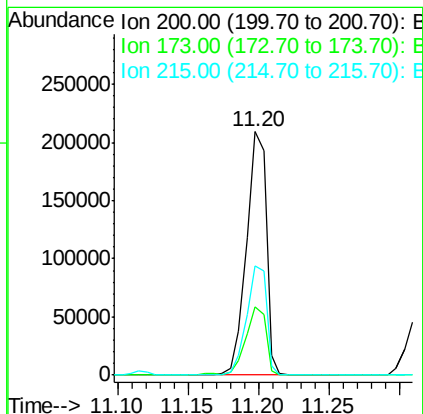
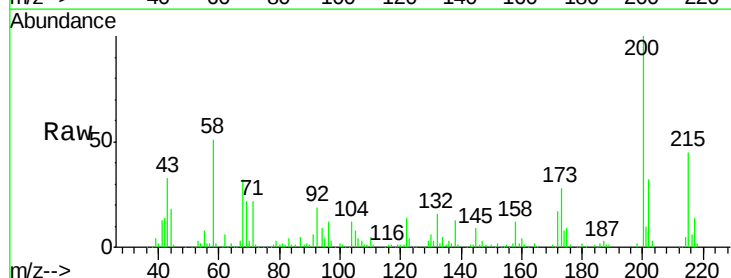
RT: 11.20 min Scan# 1549

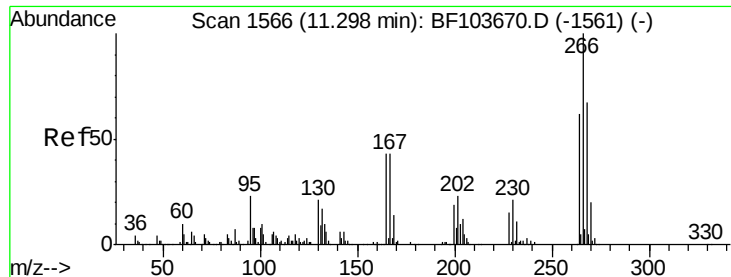
Delta R.T. -0.00 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Tgt Ion:	200	Resp:	206993
Ion Ratio	Lower	Upper	
200	100		
173	28.2	8.6	48.6
215	45.1	25.1	65.1





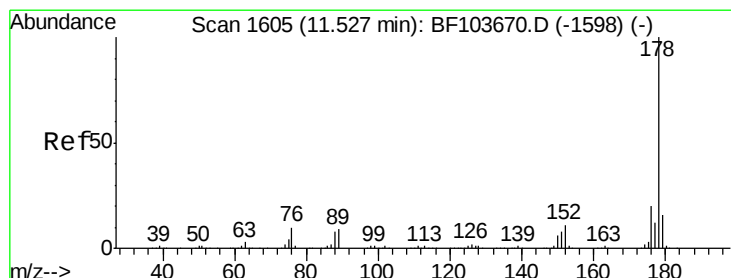
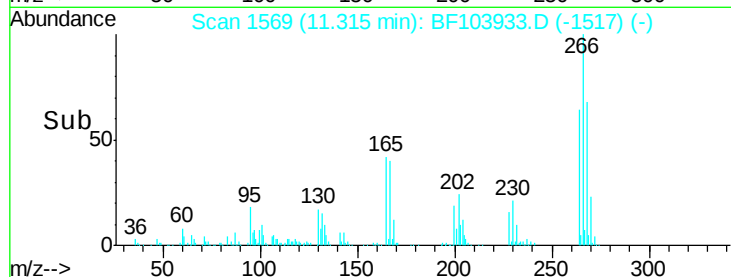
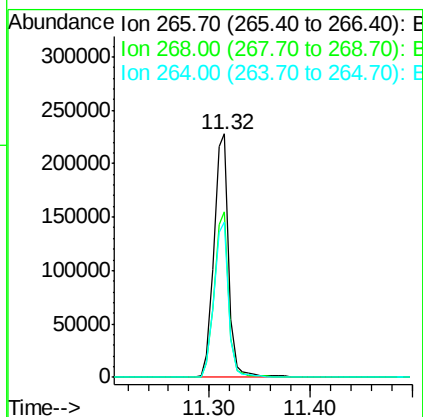
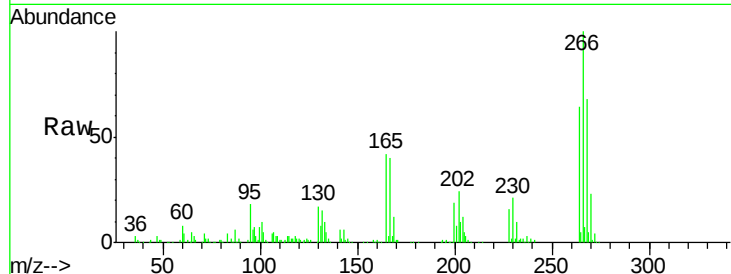
#69
 Pentachlorophenol
 Concen: 70.698 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	51.1	76.7
264	63.7	49.5	74.3

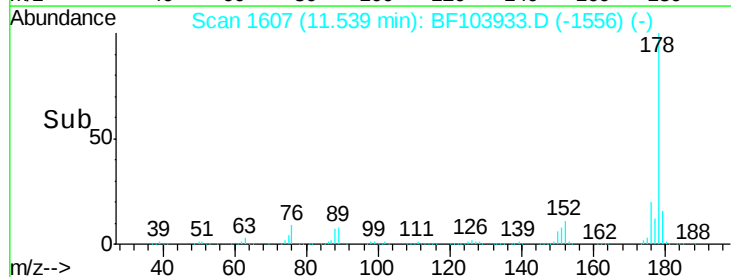
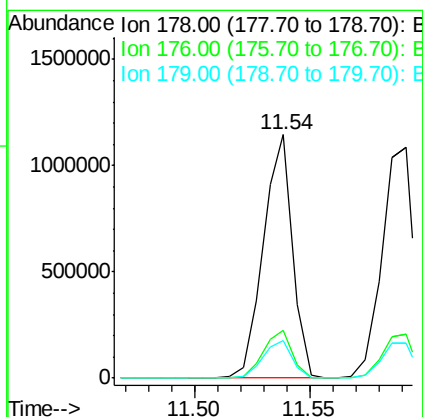
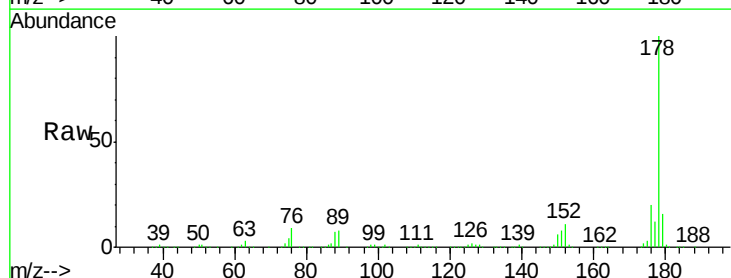
Manual Integrations
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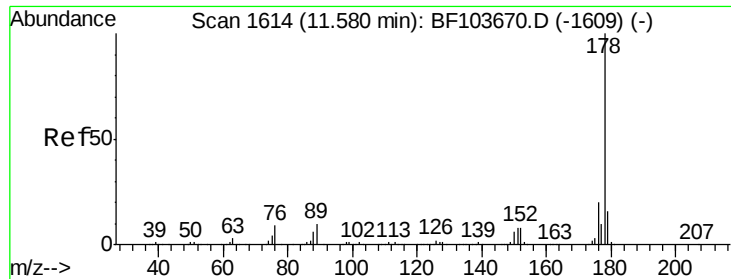
Sohil
 3/27/2018 2:15:31 PM



#70
 Phenanthrene
 Concen: 37.726 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	13.0	19.6





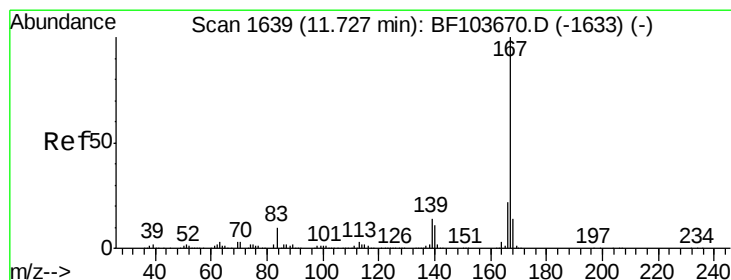
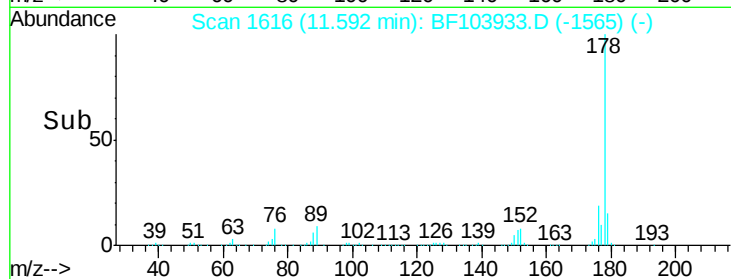
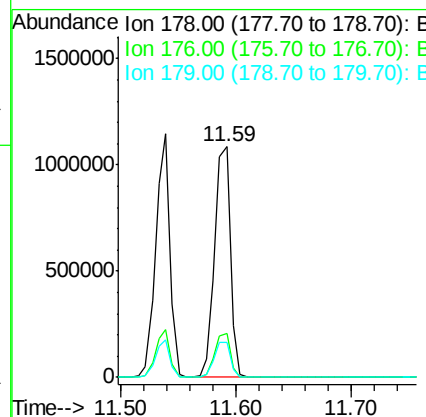
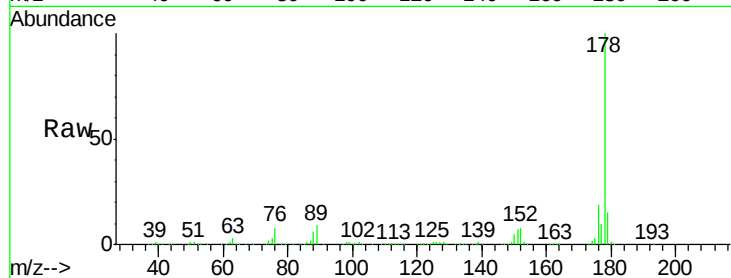
#71
 Anthracene
 Concen: 38.467 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.6	19.0

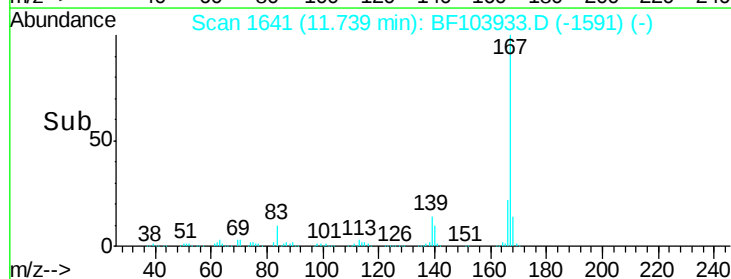
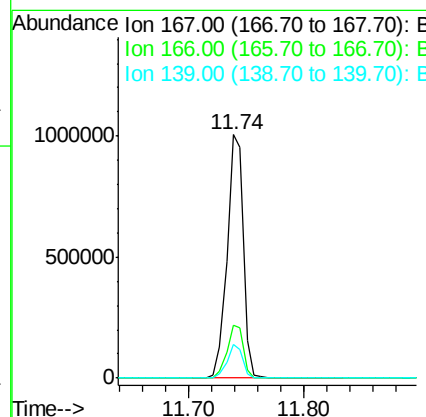
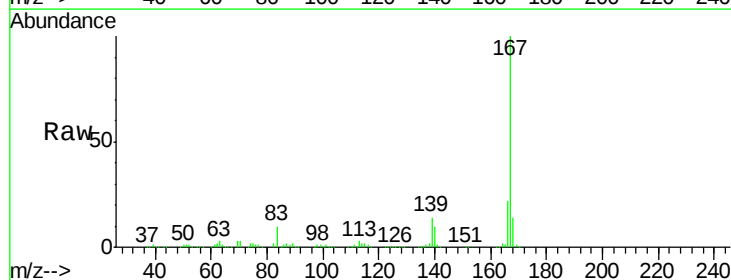
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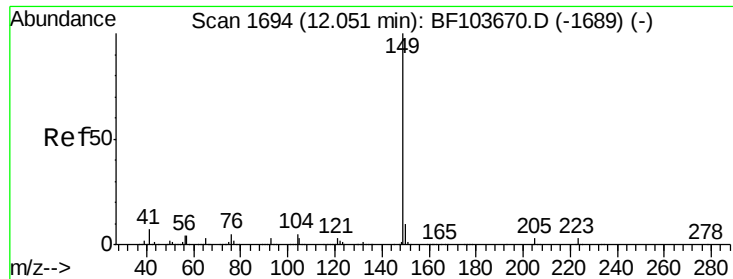
Sohil
 3/27/2018 2:15:31 PM



#72
 Carbazole
 Concen: 37.322 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.6	10.9	16.3





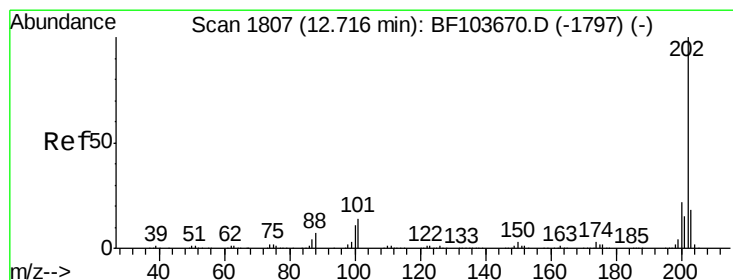
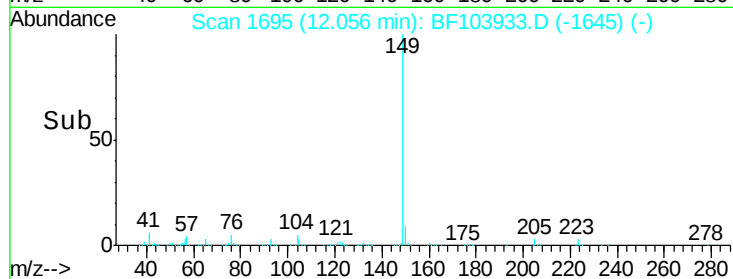
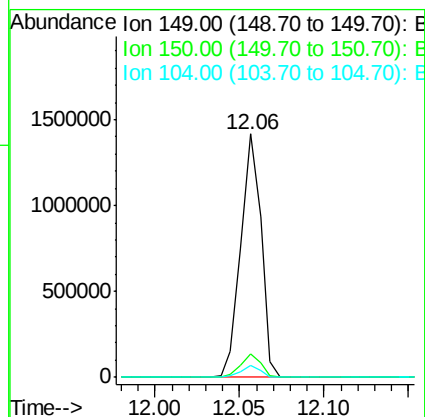
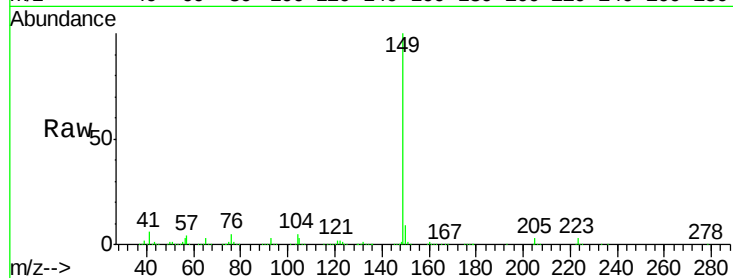
#73
Di-n-butylphthalate
Concen: 37.775 ng
RT: 12.06 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

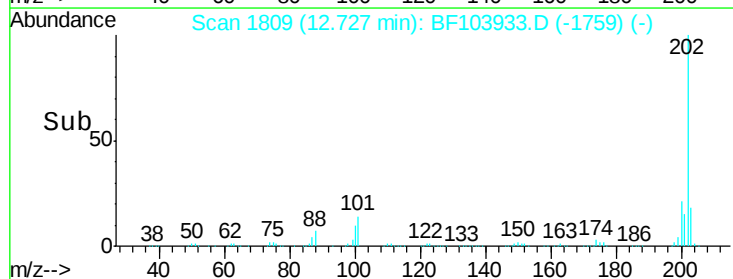
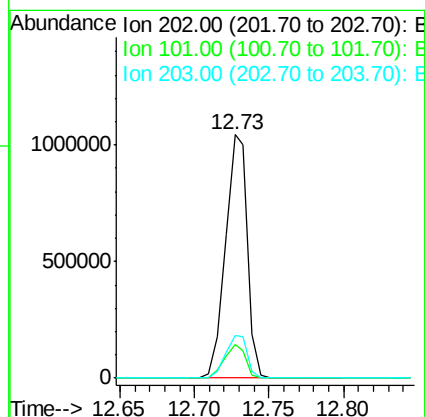
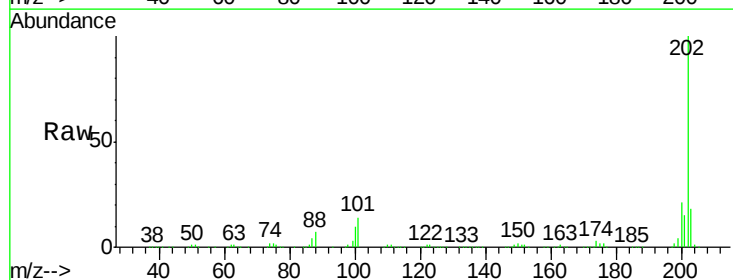
Manual Integrations
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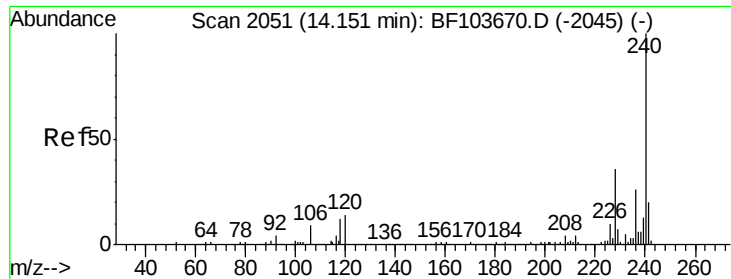
Sohil
3/27/2018 2:15:31 PM



#74
Fluoranthene
Concen: 39.557 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.7	0.0	38.1





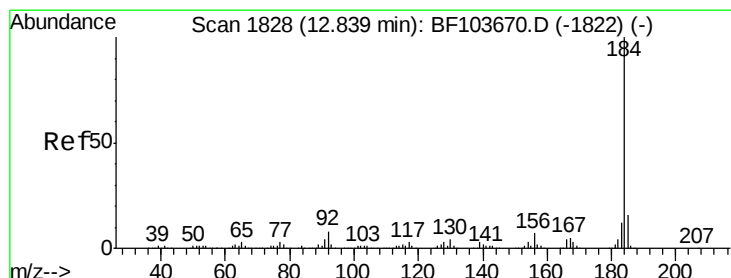
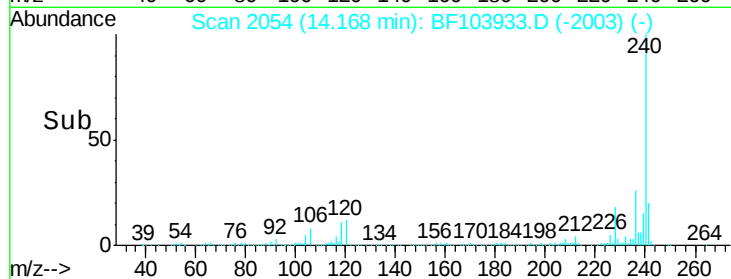
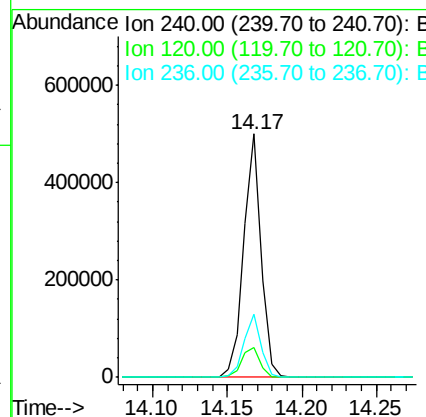
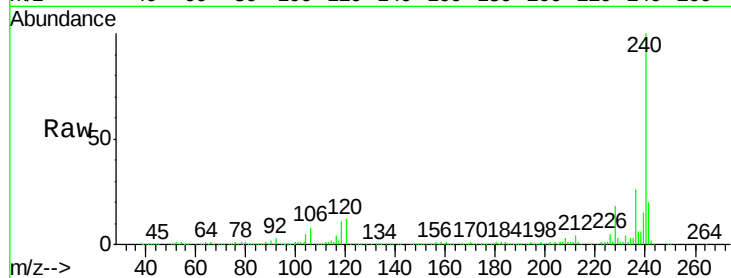
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.0	20.7	31.1

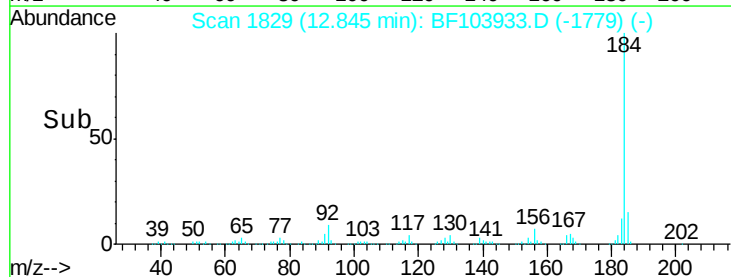
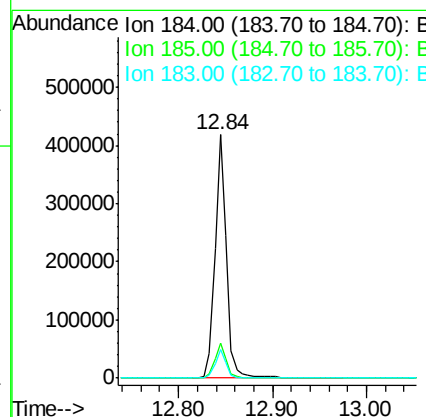
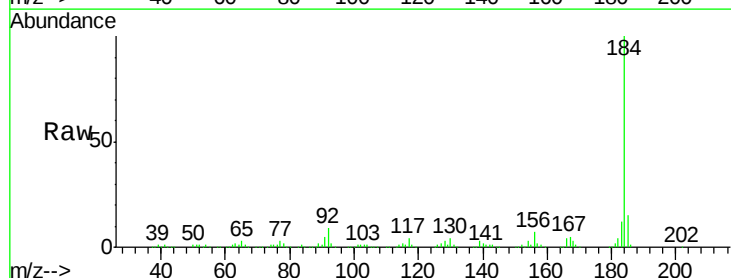
Manual Integrations
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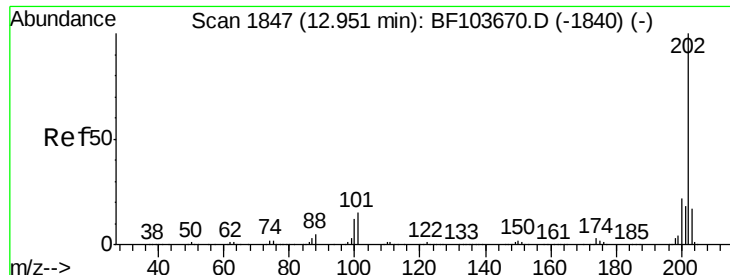
Sohil
 3/27/2018 2:15:31 PM



#76
 Benzidine
 Concen: 20.940 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.9	9.3	13.9





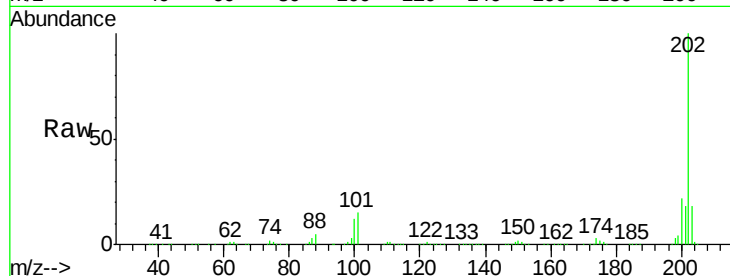
#77
Pvrene
Concen: 36.328 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

Manual Integrations
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Sohil
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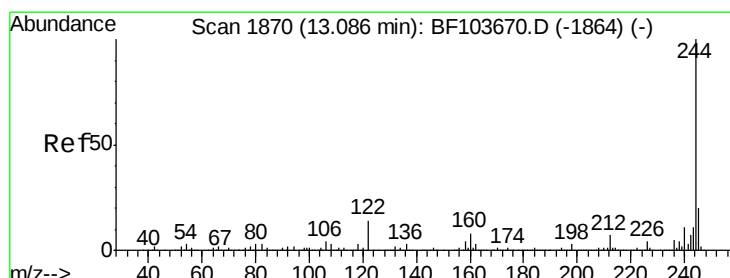
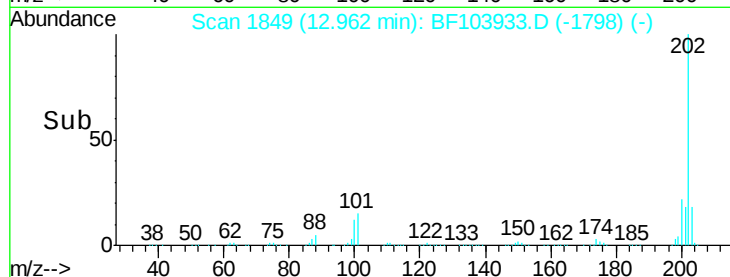
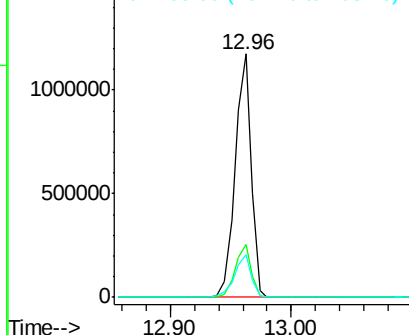


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 77.397 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

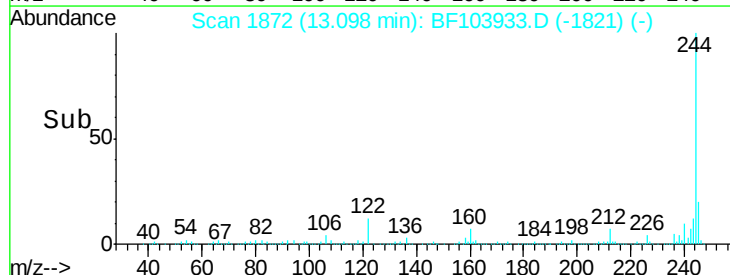
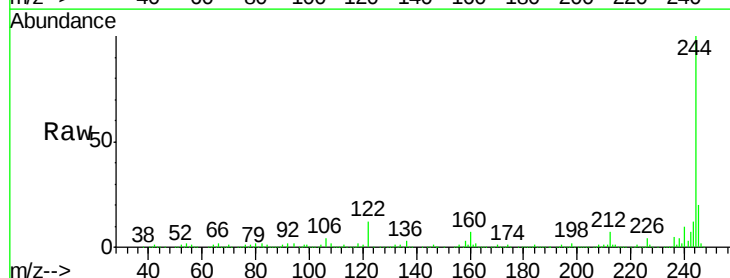
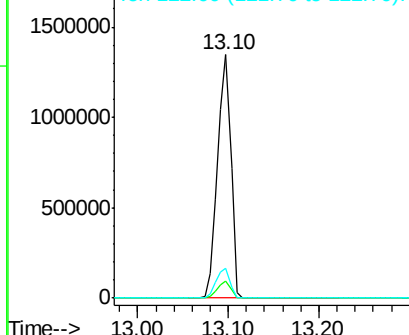
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.3	11.0	16.4

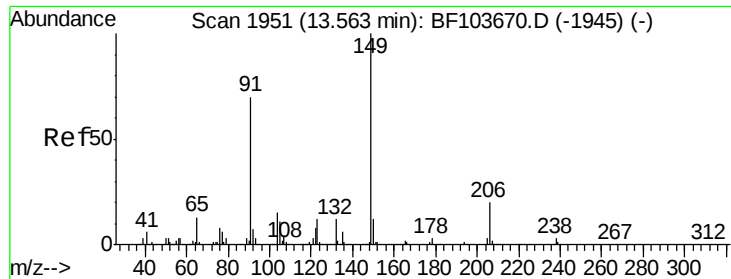
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





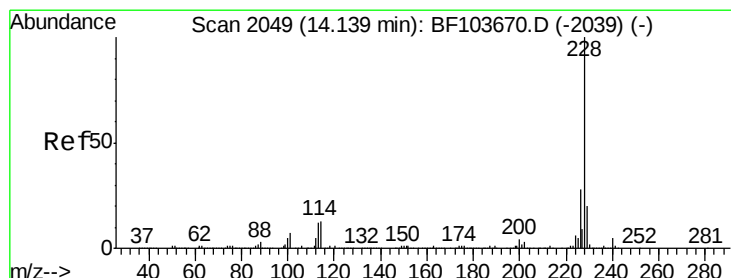
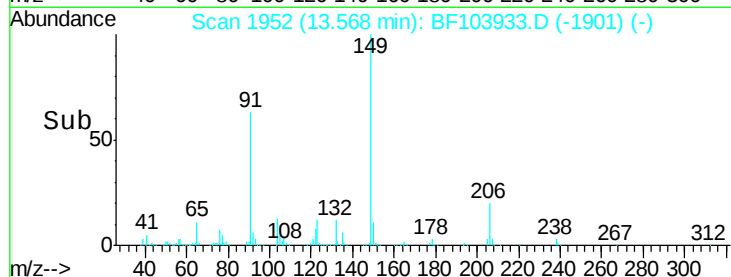
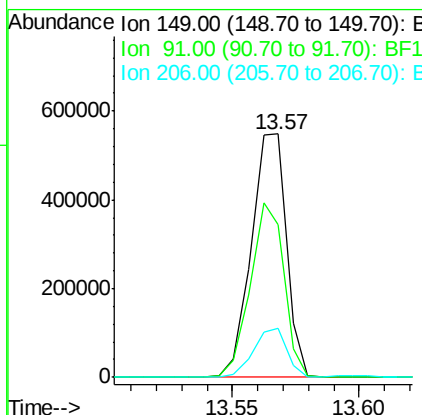
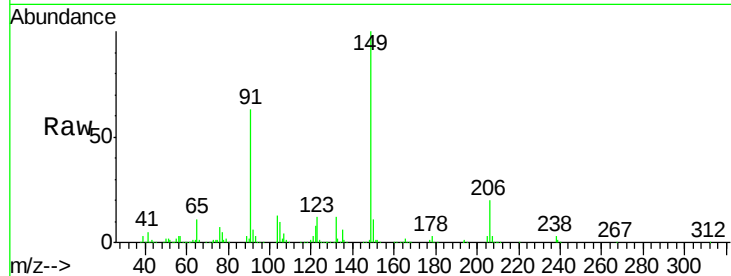
#79
Butylbenzylphthalate
Concen: 40.141 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion:	149	Resp:	533646
Ion Ratio	Lower	Upper	
149	100		
91	62.9	56.8	85.2
206	20.1	14.1	21.1

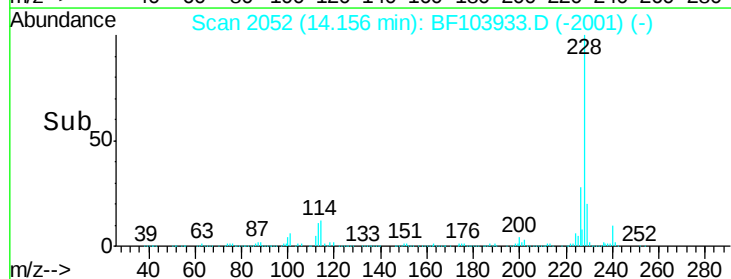
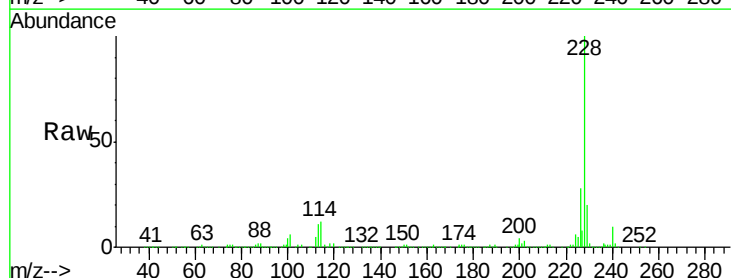
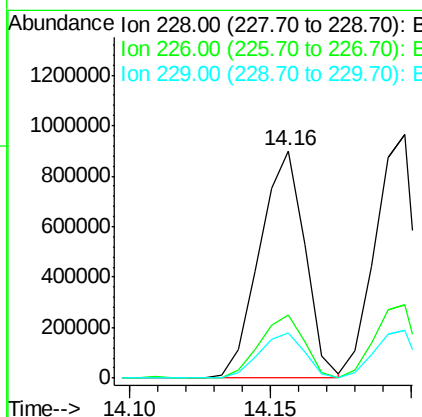
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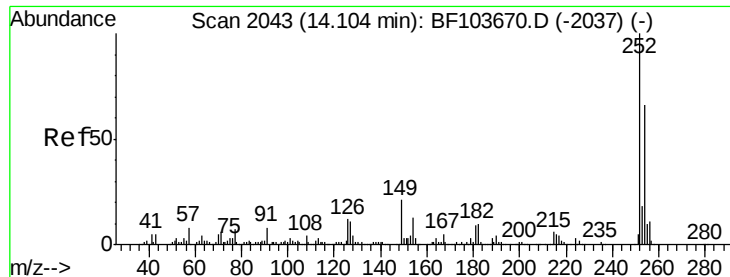
Sohil
3/27/2018 2:15:31 PM



#80
Benzo(a)anthracene
Concen: 38.687 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion:	228	Resp:	1000582
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6





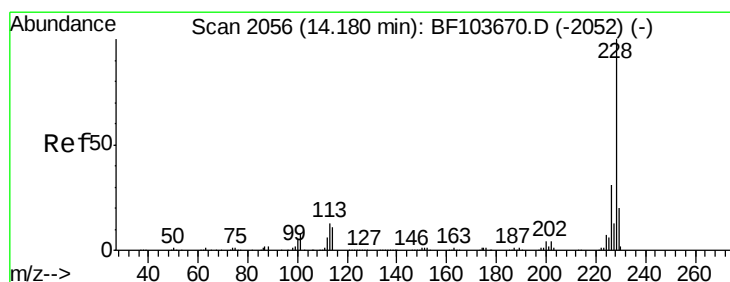
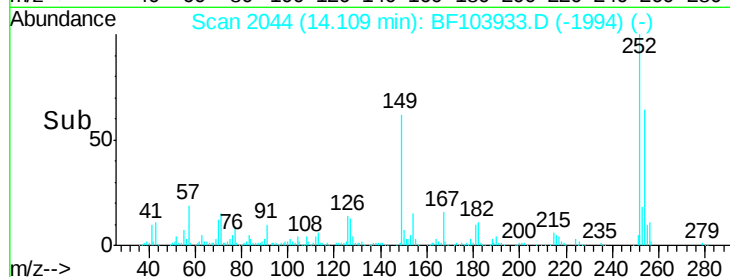
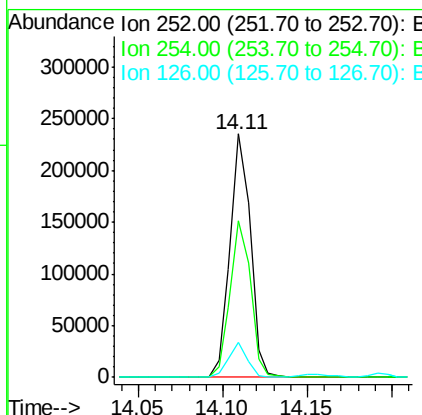
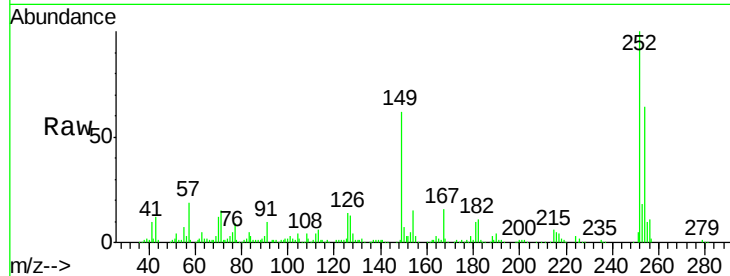
#81
 3,3'-Dichlorobenzidine
 Concen: 22.859 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	14.1	11.3	16.9

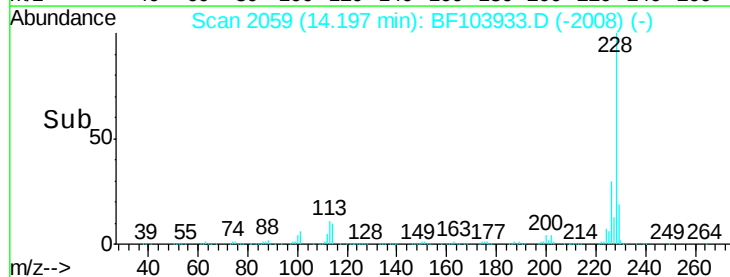
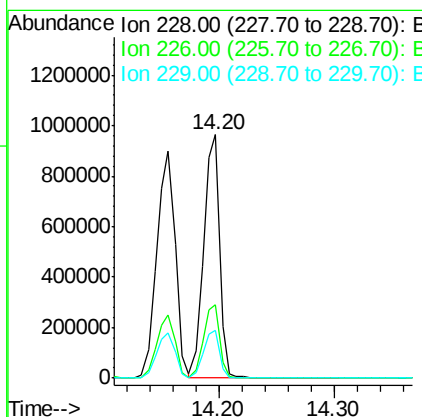
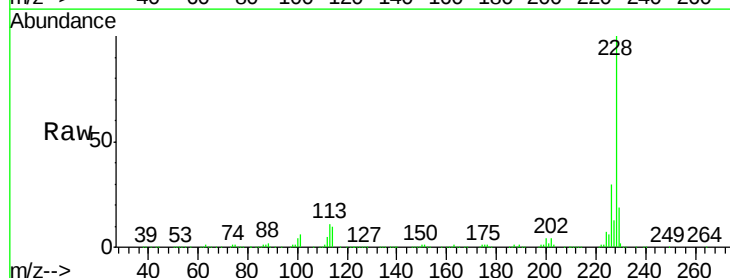
Manual Integrations
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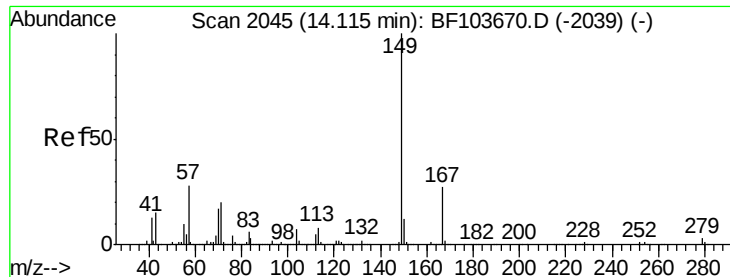
Sohil
 3/27/2018 2:15:31 PM



#82
 Chrysene
 Concen: 37.671 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.4	16.2	24.4





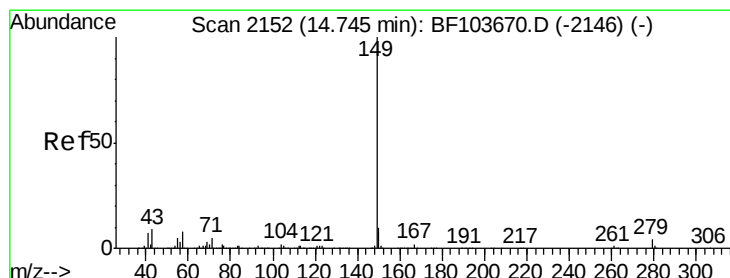
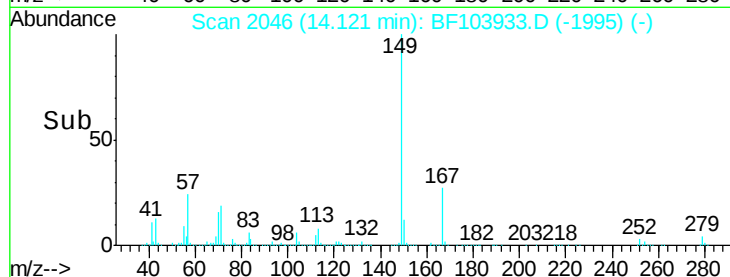
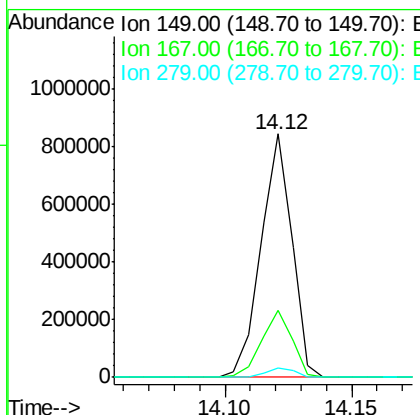
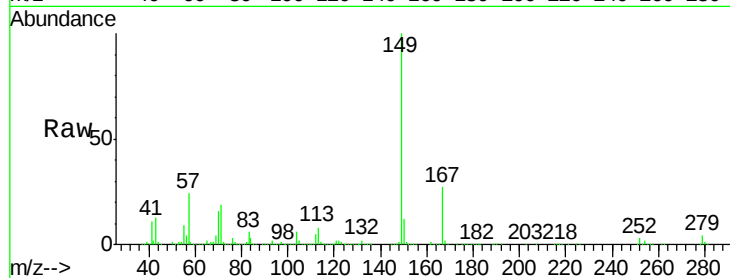
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.921 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB107636BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.8	3.0	4.4

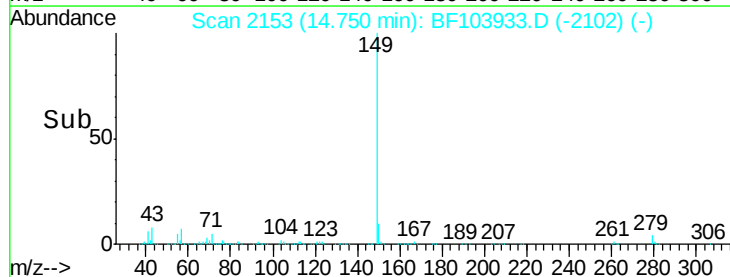
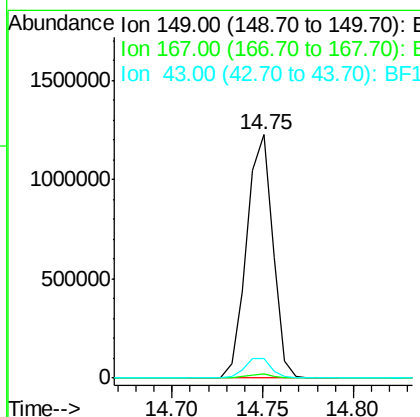
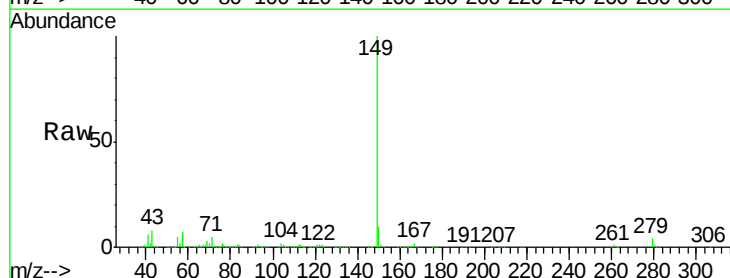
Manual Integrations
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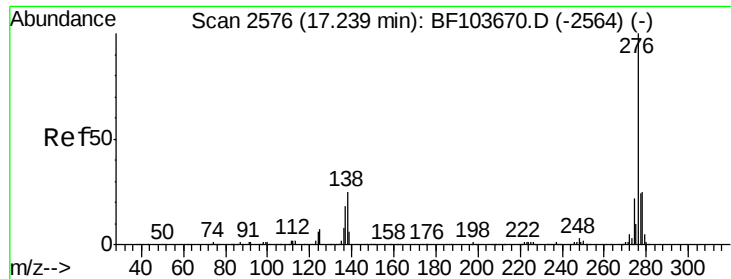
Sohil
 3/27/2018 2:15:31 PM



#84
 Di-n-octyl phthalate
 Concen: 44.769 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BF103933.D
 Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	8.4	12.6





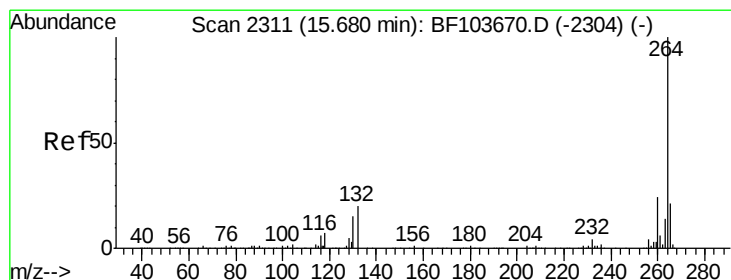
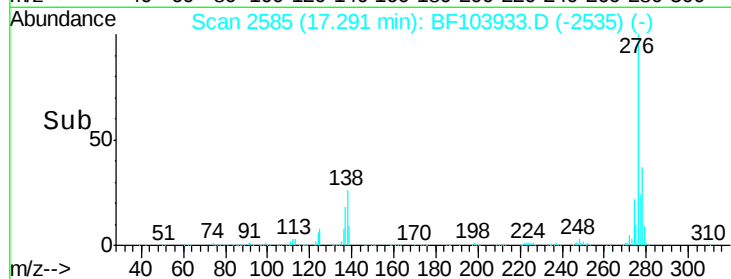
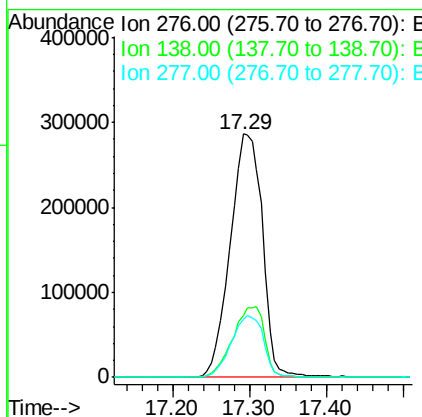
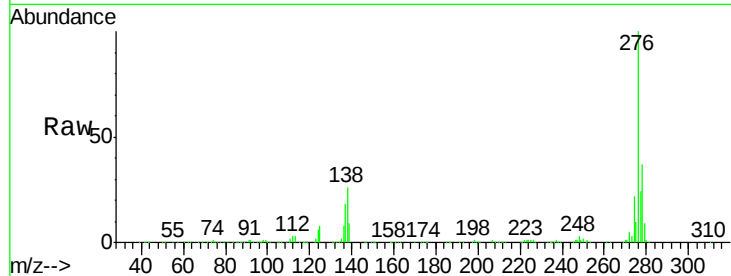
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.016 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.0	37.6
277	25.4	20.1	30.1

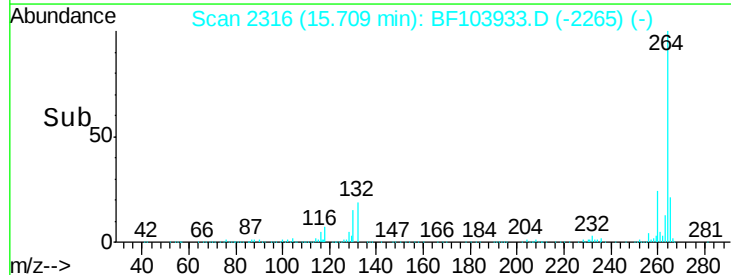
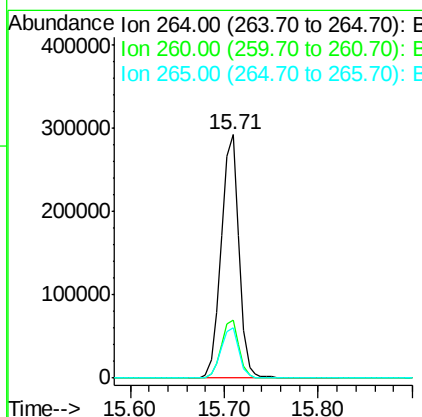
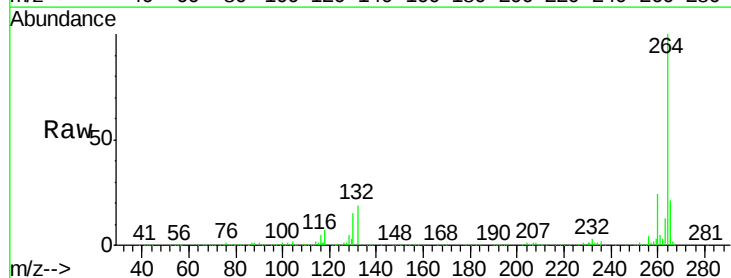
Manual Integrations
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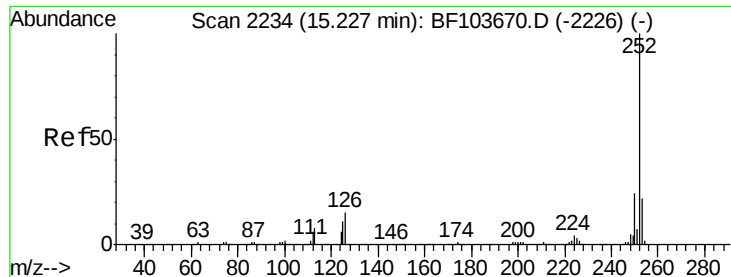
Sohil
3/27/2018 2:15:31 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	17.5	26.3





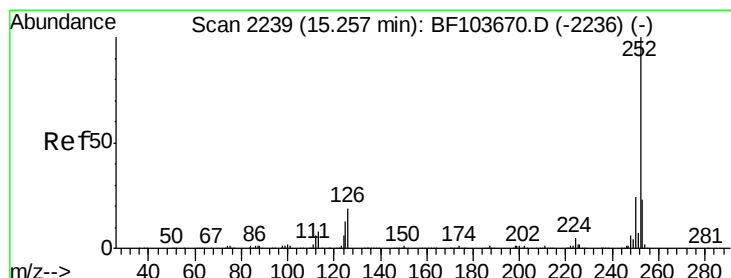
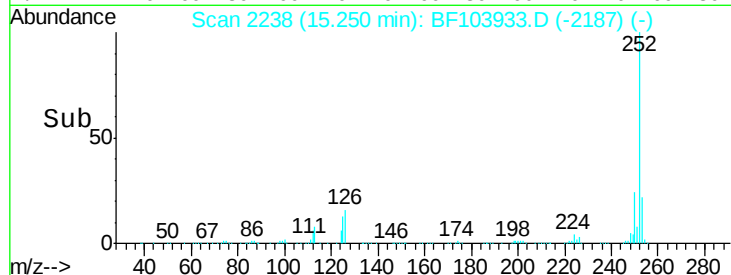
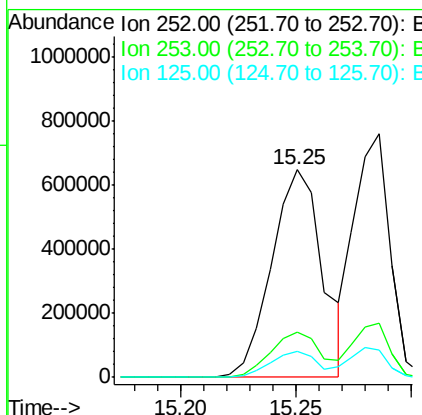
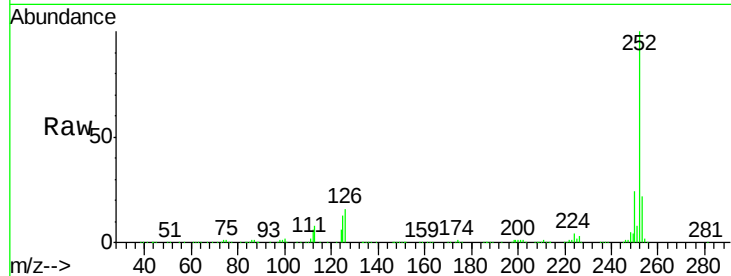
#87
Benzo(b)fluoranthene
Concen: 40.701 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.8	9.0	13.6

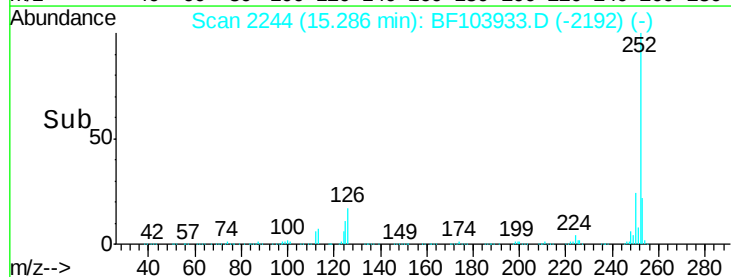
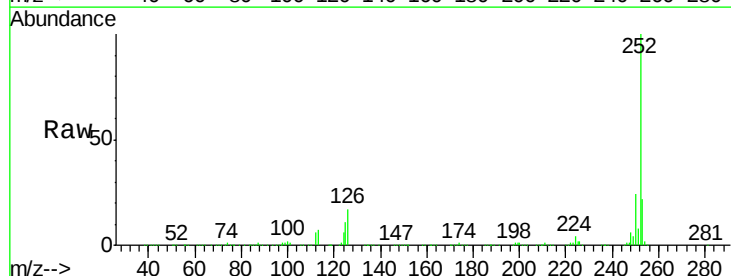
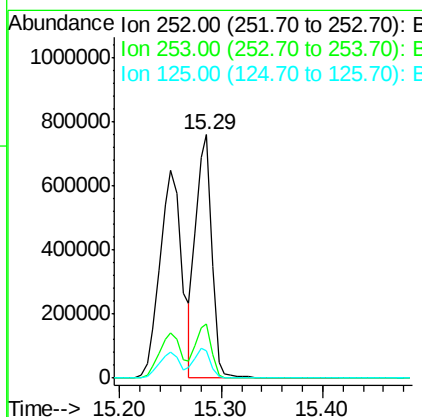
Manual Integrations
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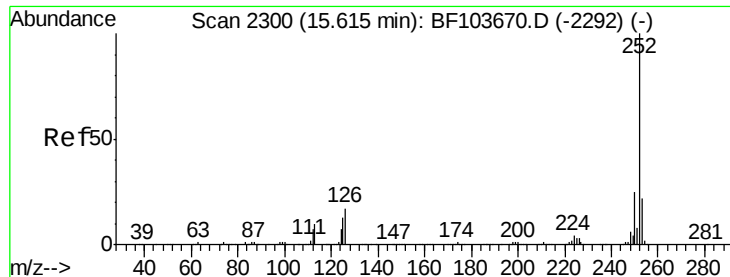
Sohil
3/27/2018 2:15:31 PM



#88
Benzo(k)fluoranthene
Concen: 35.389 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.4	10.2	15.2





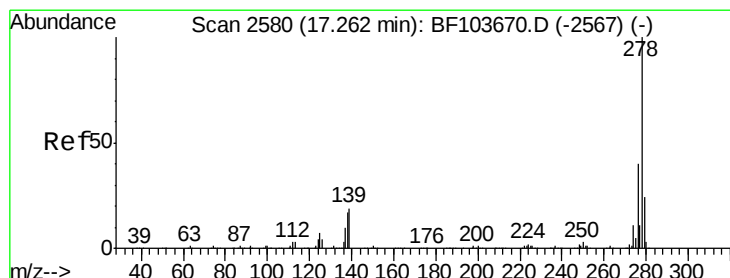
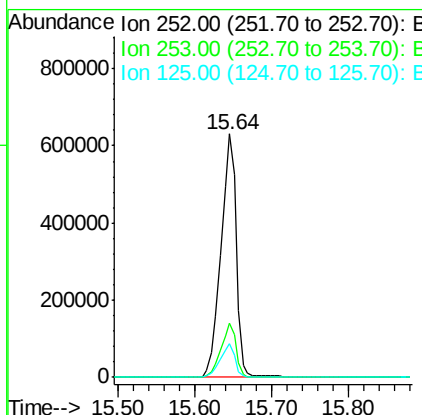
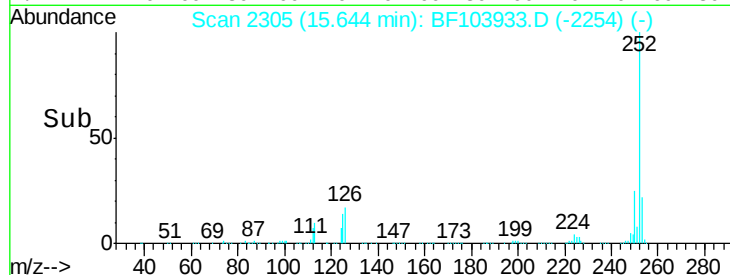
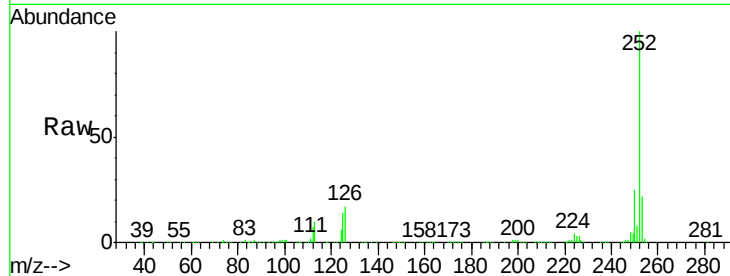
#89
Benzo(a)pyrene
Concen: 39.404 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
PB107636BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.0	9.8	14.6

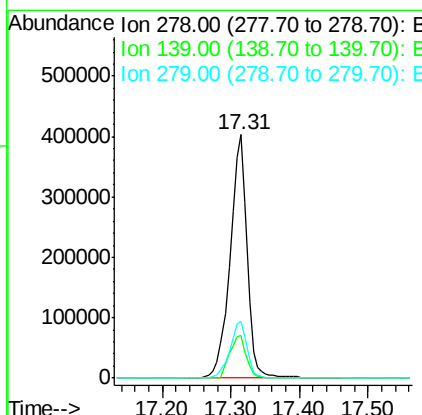
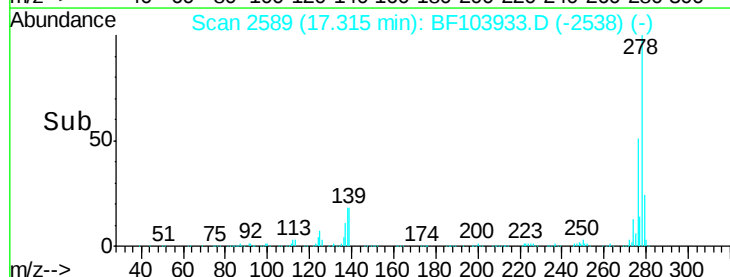
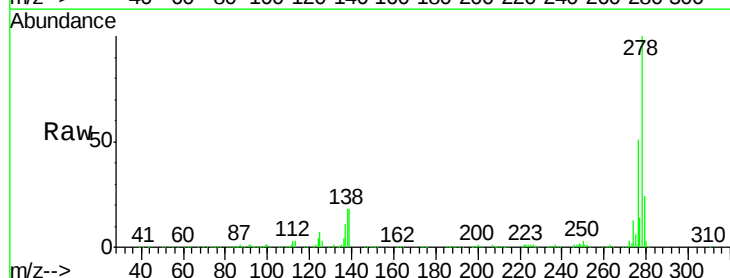
Manual Integrations
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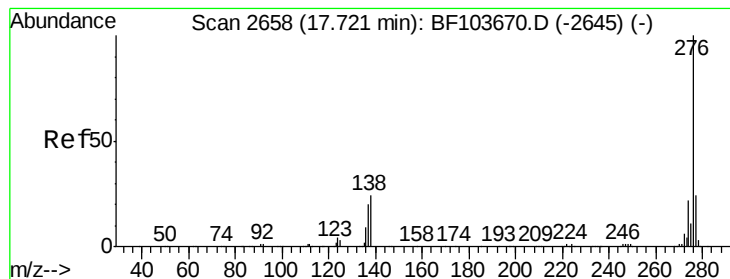
Sohil
3/27/2018 2:15:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.393 ng
RT: 17.31 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BF103933.D
Acq: 26 Mar 2018 19:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 37.295 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.01 min

Lab File: BF103933.D

Acq: 26 Mar 2018 19:03

Instrument :

BNA_F

ClientSampleId :

PB107636BS

Tot Ion:	276	Resp:	693190
Ion Ratio		Lower	Upper
276	100		
277	24.0	17.9	26.9
138	23.5	21.8	32.8

Manual Integrations
APPROVED

Sohil
3/27/2018 2:15:31 PM

