

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104653.D
 Acq On : 20 Apr 2018 2:28
 Operator : JU/SJ
 Sample : PB108376BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Manual Integrations
 APPROVED

Sohil
 4/25/2018 10:10:40 AM

Quant Time: Apr 25 10:09:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133183	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	546751	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	239263	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	389894	20.00	ng	0.00
75) Chrysene-d12	13.98	240	264281	20.00	ng	0.00
86) Perylene-d12	15.44	264	233665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	912093	104.72	ng	0.01
7) Phenol-d6	6.45	99	1126272	105.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	718355	85.79	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	272288	109.71	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1257590	83.03	ng	0.00
78) Terphenyl-d14	12.92	244	999211	86.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	131097	32.301	ng	89
3) Pyridine	3.32	79	372796	32.670	ng	86
4) n-Nitrosodimethylamine	3.28	42	142017	35.604	ng	# 75
6) Aniline	6.47	93	418856	28.171	ng	# 89
8) 2-Chlorophenol	6.59	128	356026	38.727	ng	96
9) Benzaldehyde	6.36	77	195607	34.539	ng	96
10) Phenol	6.46	94	412110	36.293	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	332329	36.675	ng	94
12) 1,3-Dichlorobenzene	6.75	146	371204	35.641	ng	99
13) 1,4-Dichlorobenzene	6.82	146	372710	35.900	ng	98
14) 1,2-Dichlorobenzene	6.97	146	348842	36.259	ng	99
15) Benzyl Alcohol	6.95	79	288217	35.458	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	421648	34.649	ng	88
17) 2-Methylphenol	7.06	107	296934	37.157	ng	96
18) Hexachloroethane	7.32	117	114358	30.894	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	227465	32.526	ng	93
20) 3+4-Methylphenols	7.22	107	344593	34.768	ng	# 65
22) Acetophenone	7.22	105	457987	34.024	ng	96
24) Nitrobenzene	7.39	77	362354	39.197	ng	96
25) Isophorone	7.63	82	673022	38.011	ng	99
26) 2-Nitrophenol	7.70	139	181891	48.331	ng	97
27) 2,4-Dimethylphenol	7.75	122	313427	40.109	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	427844	39.521	ng	99
29) 2,4-Dichlorophenol	7.95	162	293699	39.391	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	297628	36.373	ng	99
31) Naphthalene	8.11	128	1001723	36.794	ng	99
32) Benzoic acid	7.87	122	214071	34.334	ng	98
33) 4-Chloroaniline	8.16	127	350633	30.062	ng	97
34) Hexachlorobutadiene	8.22	225	162683	36.297	ng	98
35) Caprolactam	8.54	113	101731m	39.112	ng	
36) 4-Chloro-3-methylphenol	8.65	107	318963	39.896	ng	100
37) 2-Methylnaphthalene	8.80	142	658653	37.401	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	278739	40.697	ng	99
40) Hexachlorocyclopentadiene	8.95	237	84790	22.113	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	196489	41.327	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	210671	39.596	nq	97
45) 1,1'-Biphenyl	9.27	154	777120	38.663	nq	98
46) 2-Chloronaphthalene	9.29	162	613416	38.637	nq	99
47) 2-Nitroaniline	9.39	65	189707	48.318	nq	97
48) Acenaphthylene	9.71	152	910031	36.534	nq	100
49) Dimethylphthalate	9.57	163	750323	39.767	nq	100
50) 2,6-Dinitrotoluene	9.63	165	160790	46.055	nq	95
51) Acenaphthene	9.88	154	524577	34.516	nq	99
52) 3-Nitroaniline	9.80	138	155244	37.983	nq	99
53) 2,4-Dinitrophenol	9.91	184	64230	53.395	nq #	23
54) Dibenzofuran	10.05	168	794169	37.496	nq	98
55) 4-Nitrophenol	9.97	139	250386	77.986	nq	99
56) 2,4-Dinitrotoluene	10.04	165	196914	42.999	nq #	98
57) Fluorene	10.40	166	604388	39.204	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	159212	40.111	nq	93
59) Diethylphthalate	10.27	149	715291	38.066	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	283469	41.288	nq	97
61) 4-Nitroaniline	10.42	138	163573	40.930	nq	94
62) Azobenzene	10.55	77	641785	35.749	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	48133	28.815	nq	92
65) n-Nitrosodiphenylamine	10.50	169	560029	41.426	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	175022	42.202	nq	94
67) Hexachlorobenzene	10.94	284	185230	39.694	nq	96
68) Atrazine	11.03	200	177903	43.598	nq	99
69) Pentachlorophenol	11.14	266	169956	58.871	nq	98
70) Phenanthrene	11.36	178	808954	37.257	nq	99
71) Anthracene	11.41	178	847615	38.403	nq	100
72) Carbazole	11.57	167	758468	35.167	nq	99
73) Di-n-butylphthalate	11.89	149	1036896	39.357	nq	99
74) Fluoranthene	12.55	202	761151	33.552	nq	95
76) Benzidine	12.67	184	607912m	110.555	nq	
77) Pyrene	12.78	202	755054	38.544	nq	99
79) Butylbenzylphthalate	13.39	149	371208	40.223	nq	100
80) Benzo(a)anthracene	13.97	228	651068	41.237	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	248413	42.199	nq	98
82) Chrysene	14.00	228	619498	38.200	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	512275	43.155	nq	99
84) Di-n-octyl phthalate	14.57	149	814356	41.057	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	535169	38.847	nq	98
87) Benzo(b)fluoranthene	15.02	252	572610	38.800	nq	99
88) Benzo(k)fluoranthene	15.04	252	580925	41.695	nq	99
89) Benzo(a)pyrene	15.38	252	534813	40.502	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	446423	41.164	nq	98
91) Benzo(g,h,i)perylene	17.33	276	427958	40.731	nq	97

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

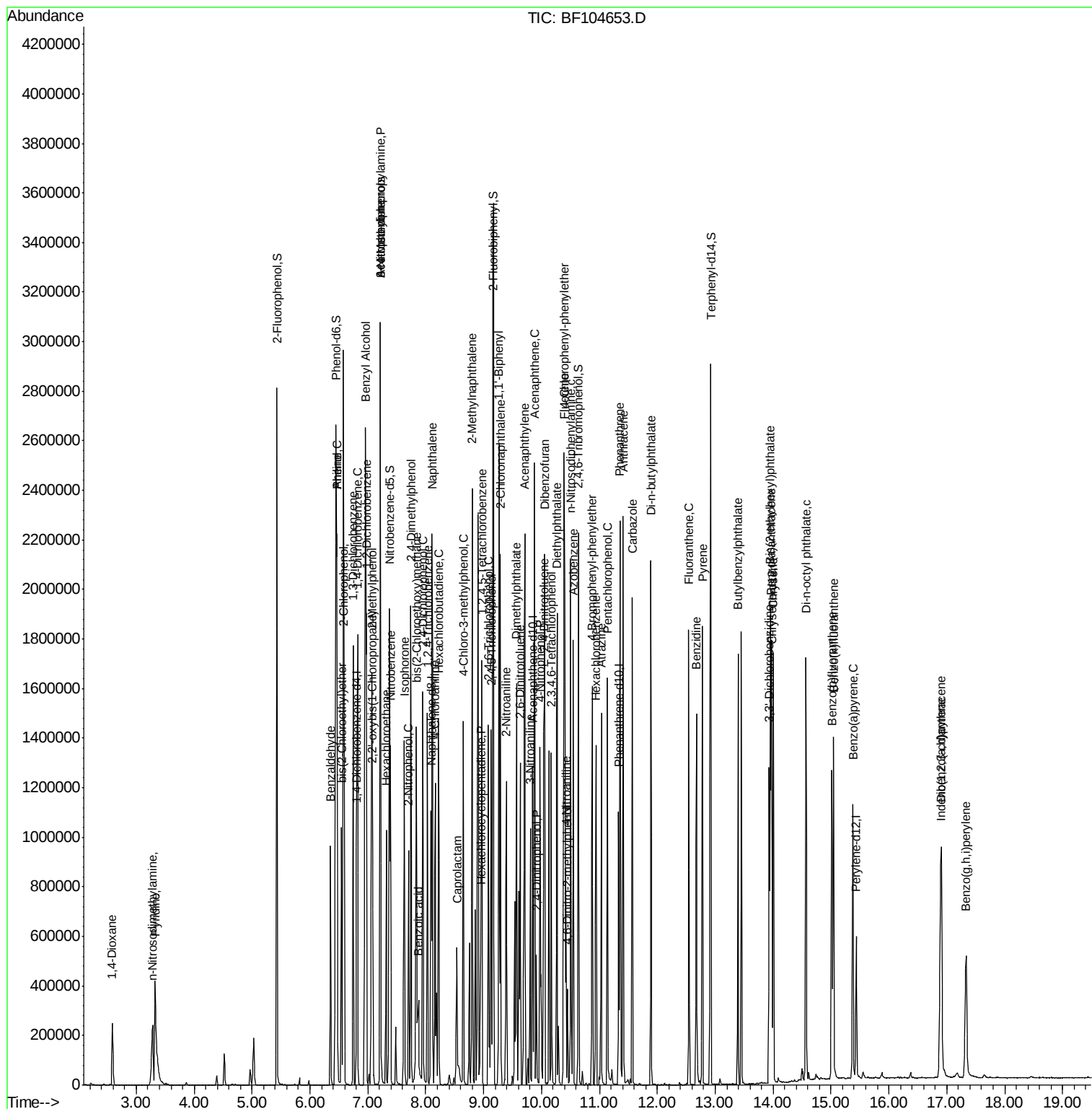
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#1

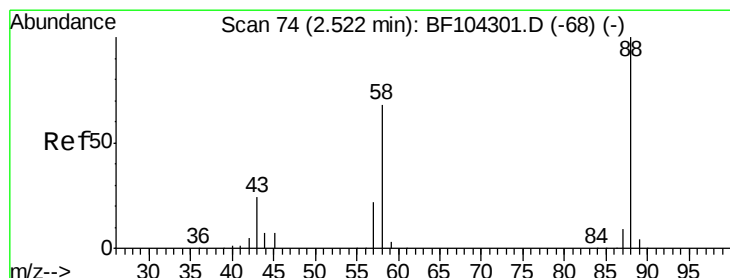
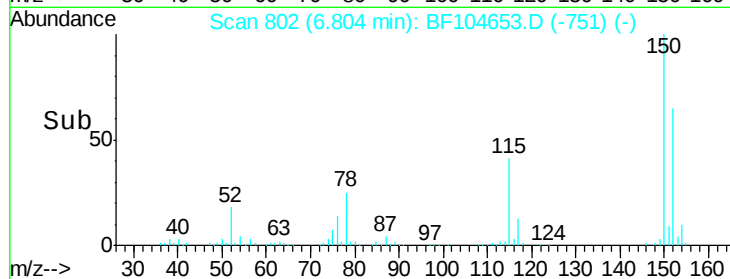
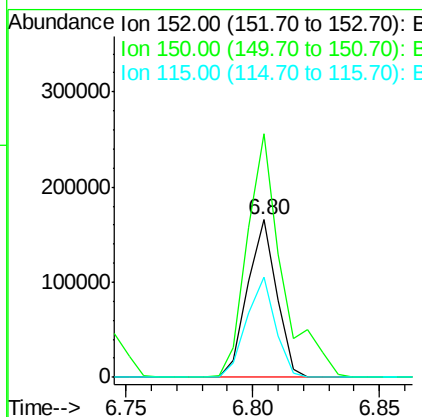
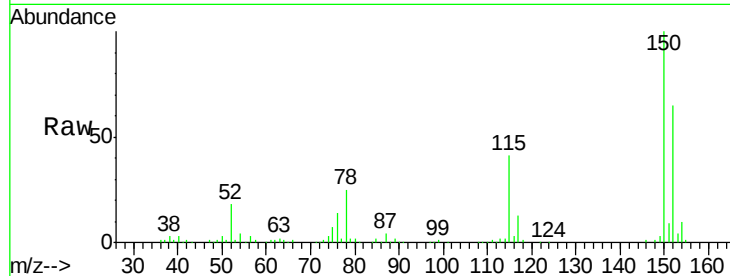
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	63.3	50.1	75.1

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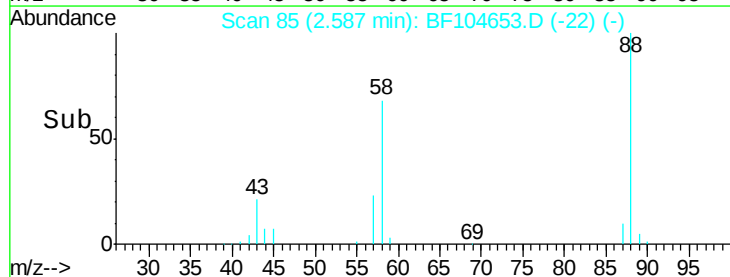
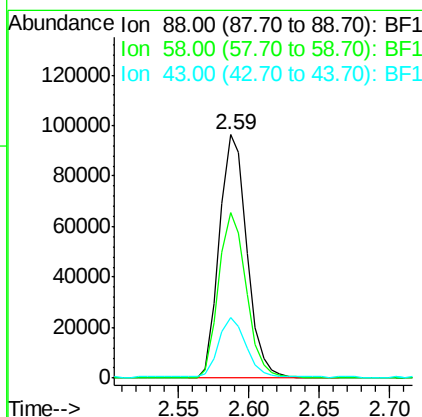
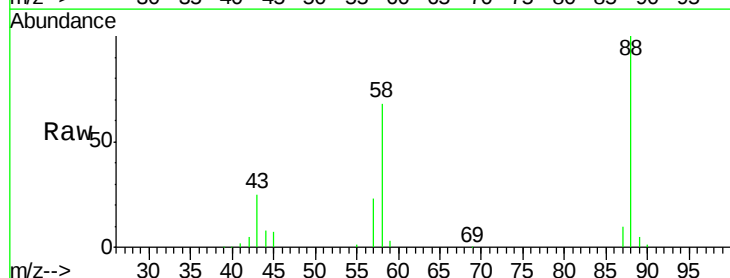
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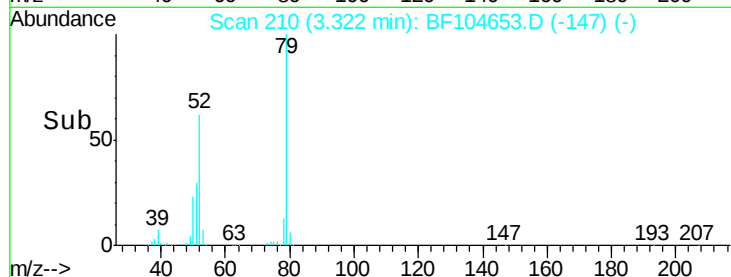
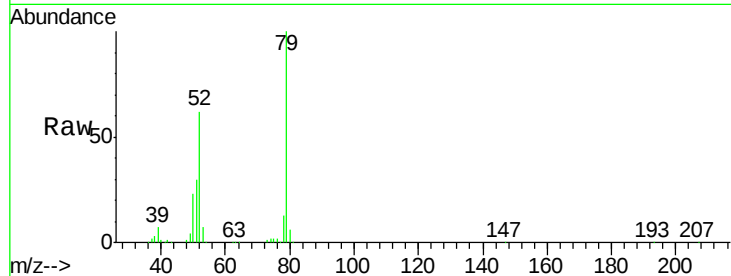
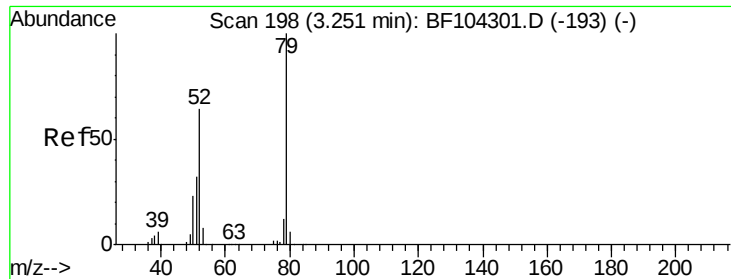


#2

1,4-Dioxane
Concen: 32.301 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.07 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	62.6	93.8
43	24.7	24.6	37.0





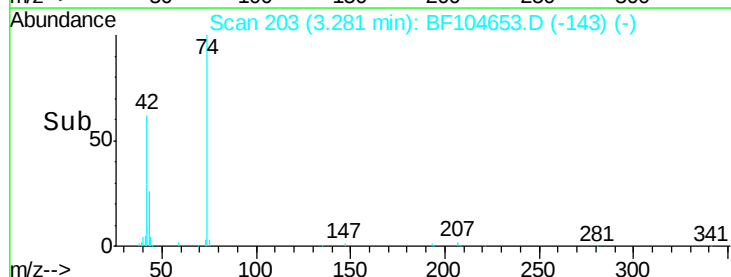
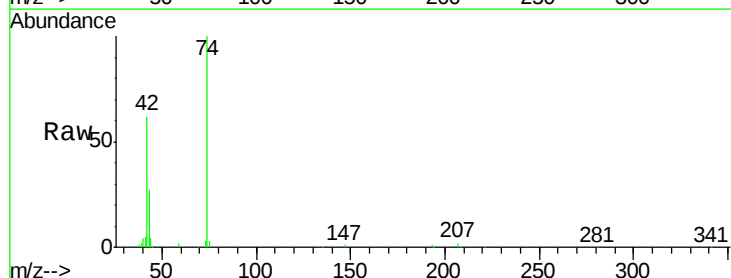
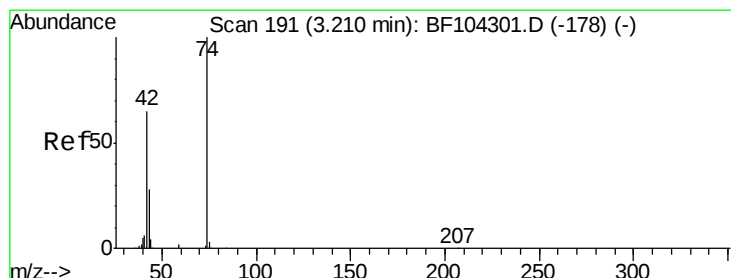
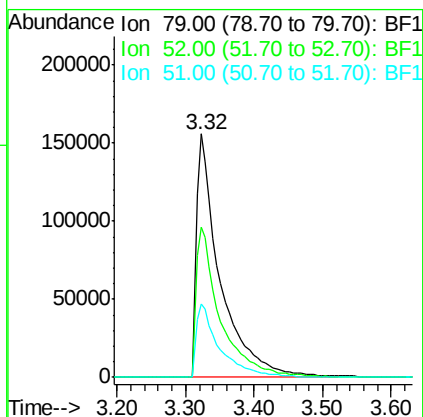
#3
Pvridine
Concen: 32.670 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.07 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.8	59.8	89.6
51	30.0	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
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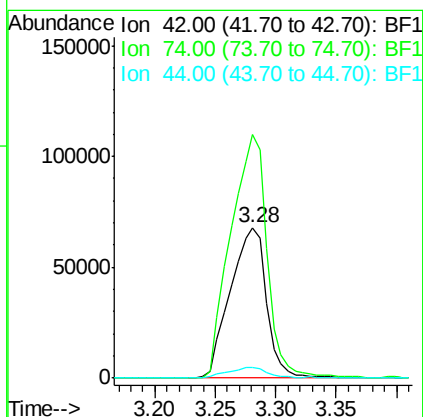
Manual Integrations
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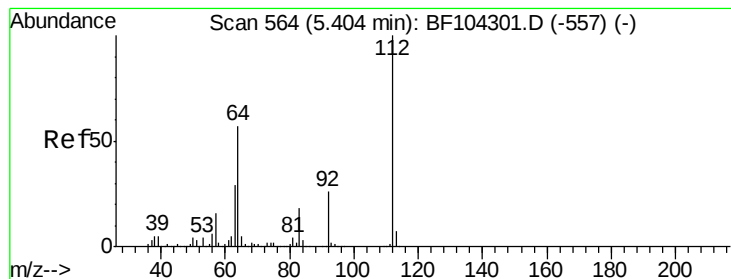
Sohil
4/25/2018 10:10:40 AM



#4
n-Nitrosodimethylamine
Concen: 35.604 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.05 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.4	104.9	157.3#
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 104.716 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

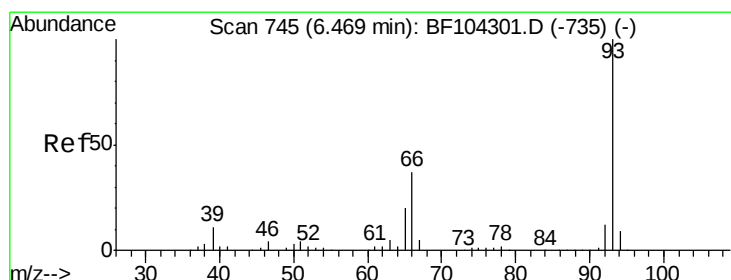
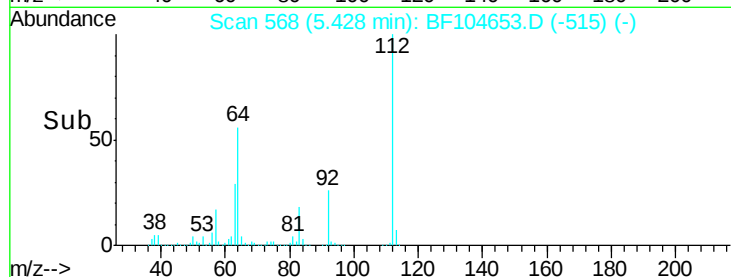
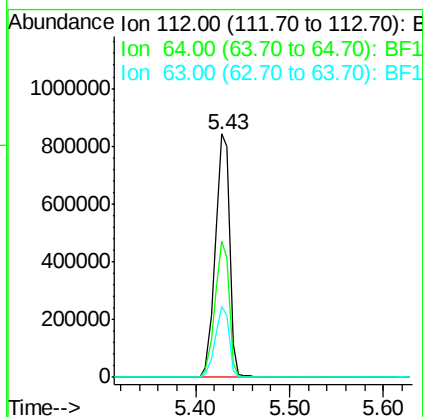
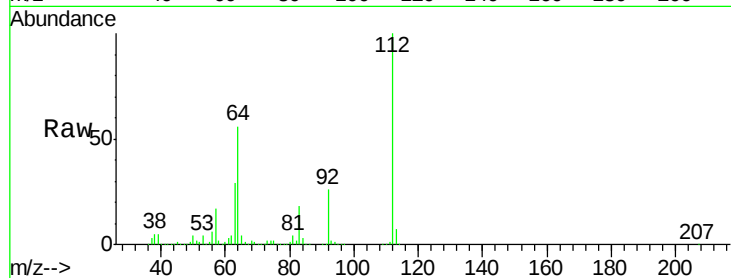
ClientSampleId :

PB108376BS

Tot Ion:	112	Resp:	912093
Ion Ratio	Lower	Upper	
112	100		
64	56.0	47.9	71.9
63	29.0	23.7	35.5

Manual Integrations
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4/25/2018 10:10:40 AM



#6

Aniline

Concen: 28.171 ng

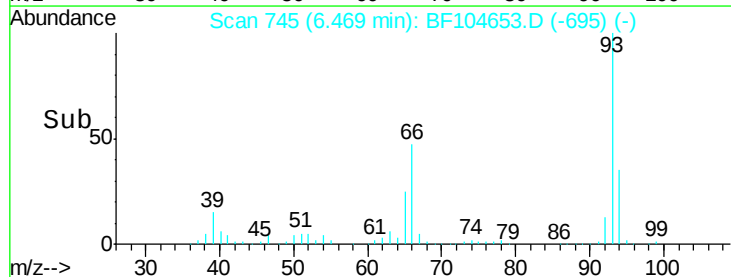
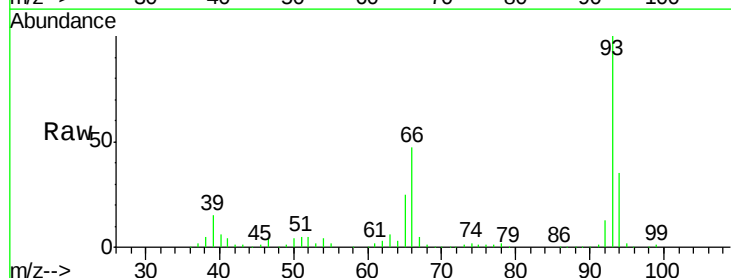
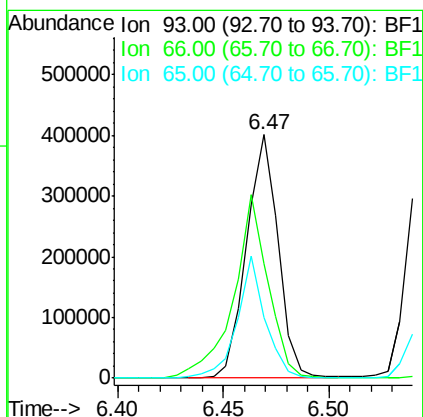
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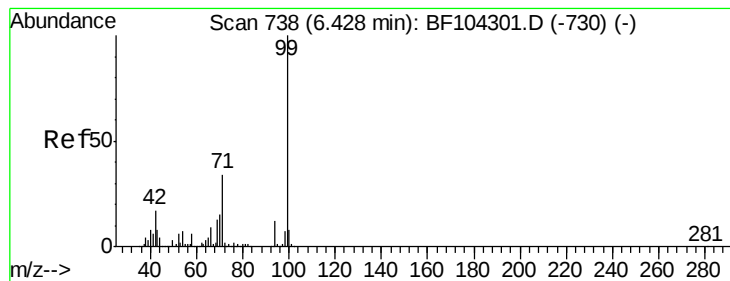
Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Tgt Ion:	93	Resp:	418856
Ion Ratio	Lower	Upper	
93	100		
66	47.0	32.2	48.2
65	25.1	16.4	24.6





#7

Phenol-d6

Concen: 105.240 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

ClientSampleId :

PB108376BS

Tot Ion: 99 Resp: 1126272

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

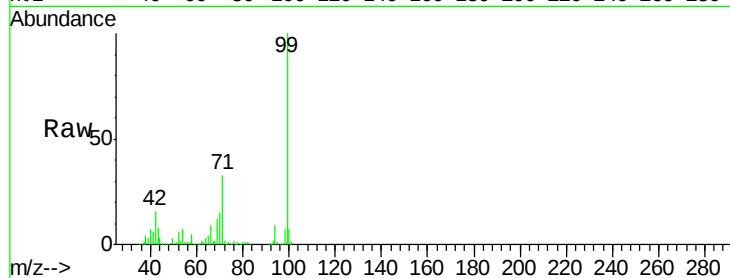
71 33.2 25.4 38.0

Manual Integrations

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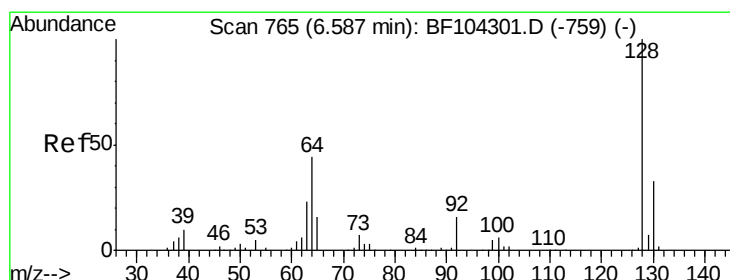
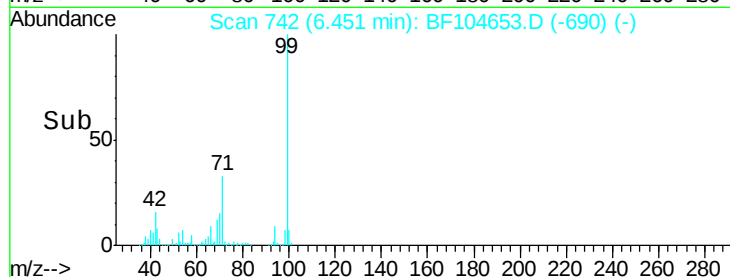
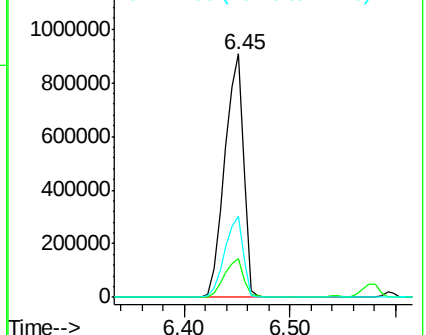
4/25/2018 10:10:40 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.727 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

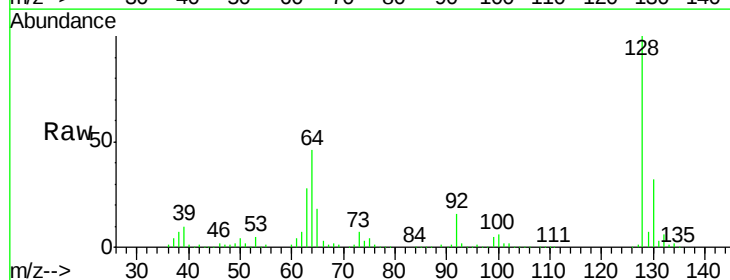
Tgt Ion: 128 Resp: 356026

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

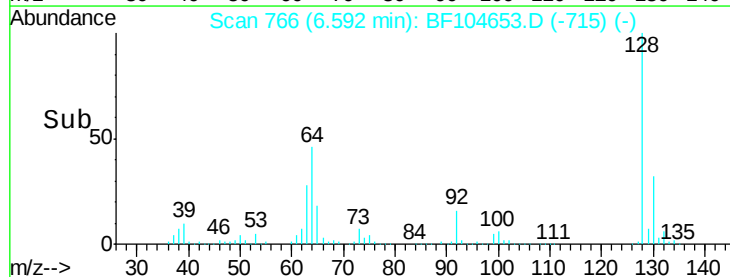
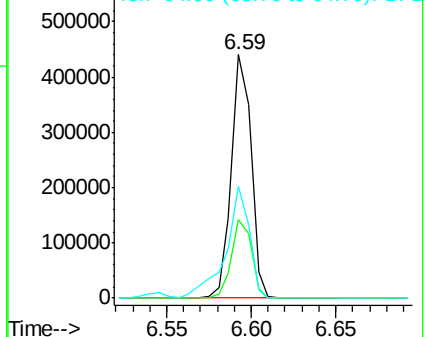
64 45.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





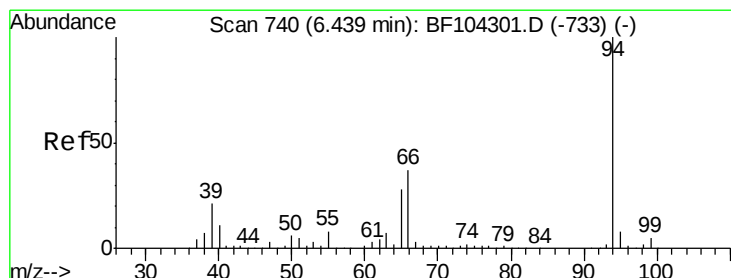
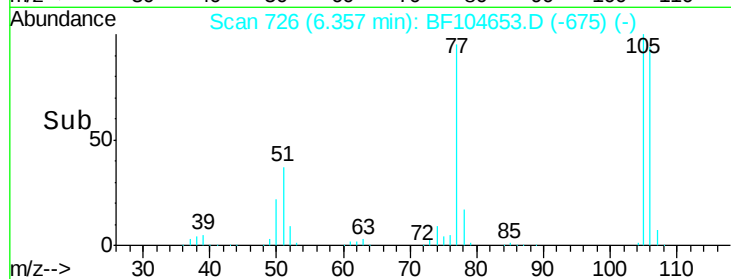
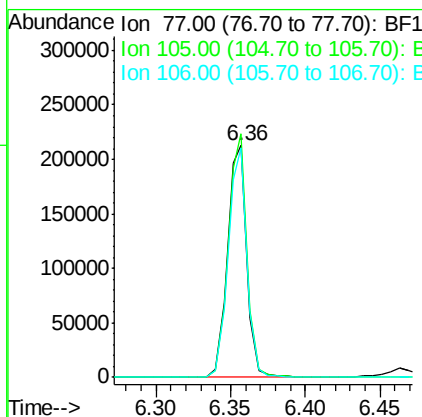
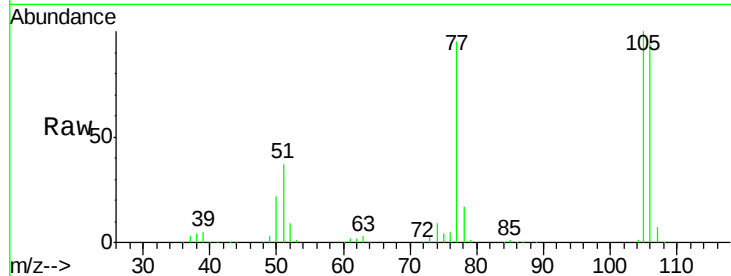
#9
Benzaldehyde
Concen: 34.539 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104653.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	81.1	121.1
106	99.1	74.5	114.5

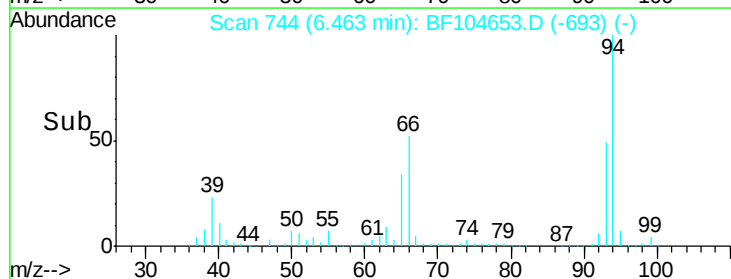
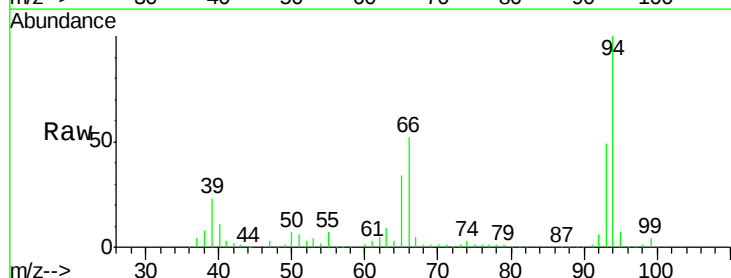
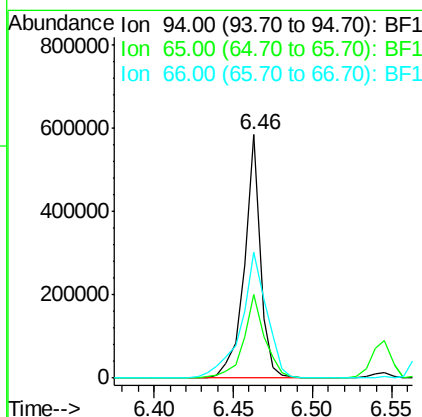
Manual Integrations
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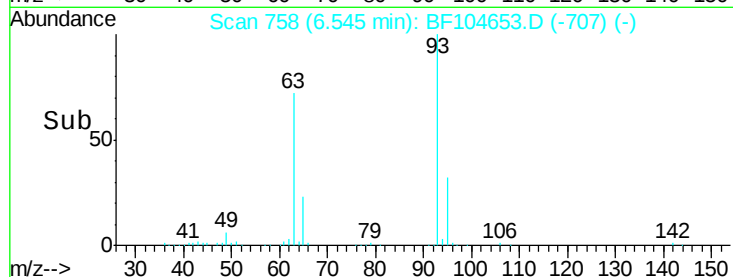
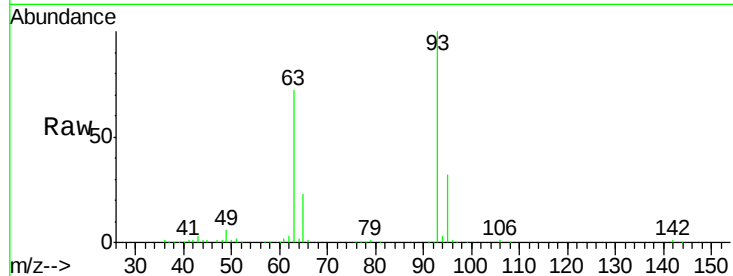
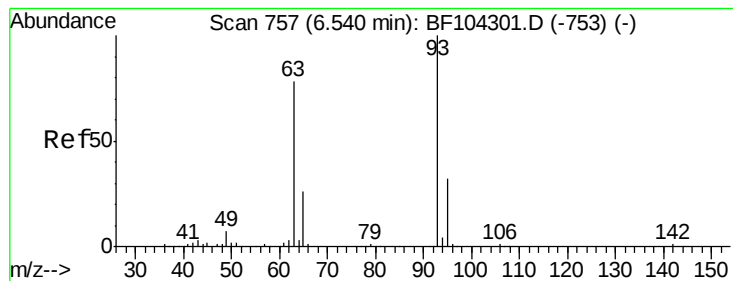
Sohil
4/25/2018 10:10:40 AM



#10
Phenol
Concen: 36.293 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.5	7.9	47.9
66	51.5	16.2	56.2





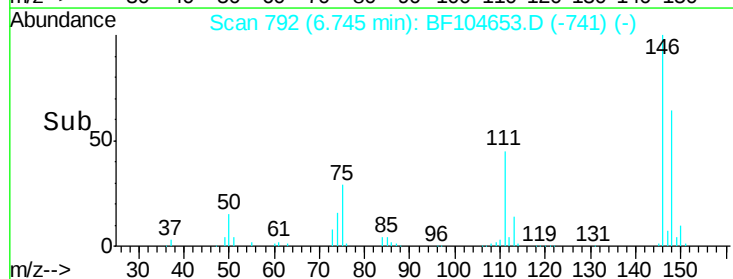
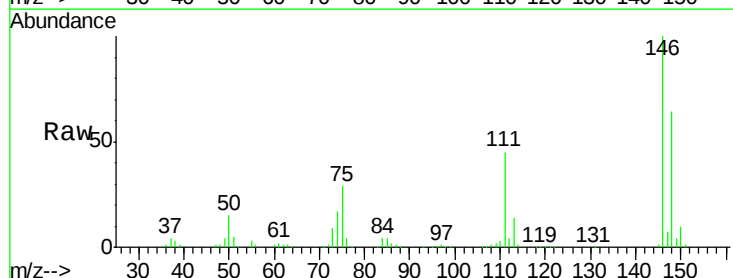
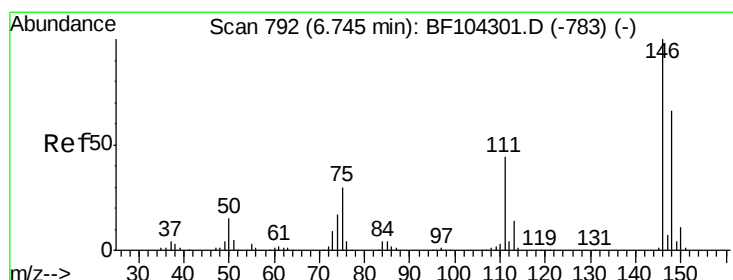
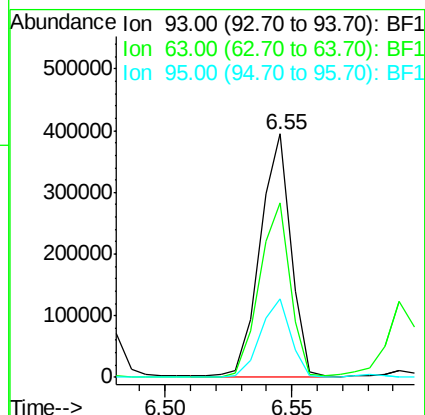
#11
bis(2-Chloroethyl)ether
Concen: 36.675 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tot Ion:	93	Resp:	332329
Ion Ratio	Lower	Upper	
93	100		
63	71.6	58.6	98.6
95	32.4	11.8	51.8

Instrument :
BNA_F
ClientSampleId :
PB108376BS

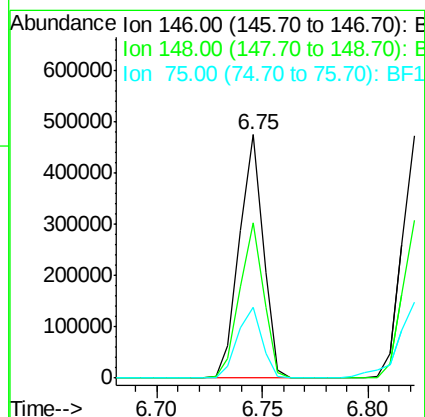
Manual Integrations
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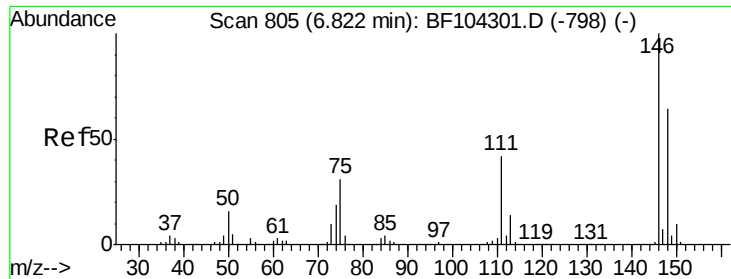
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.641 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion:	146	Resp:	371204
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	29.3	24.2	36.4





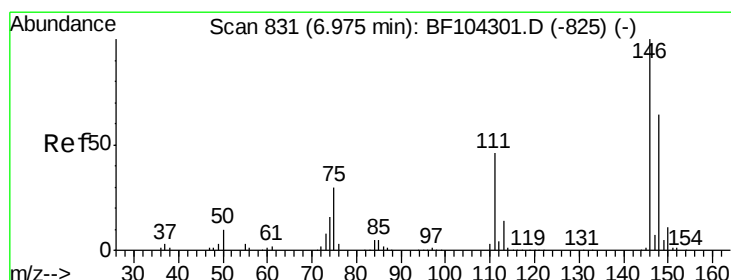
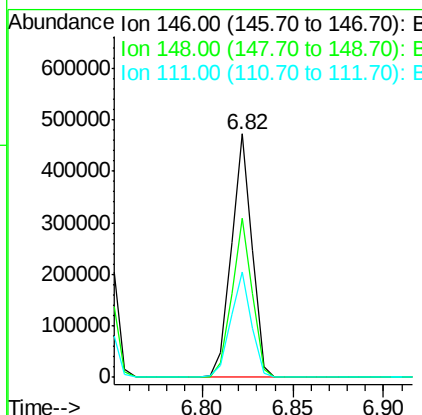
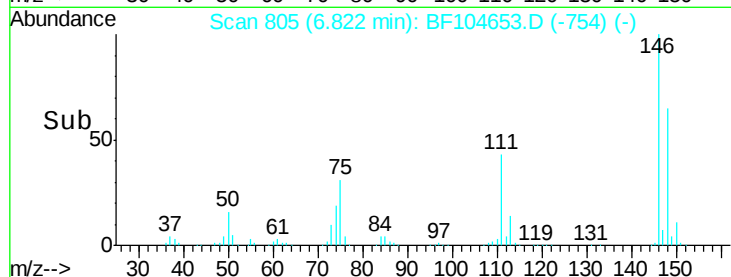
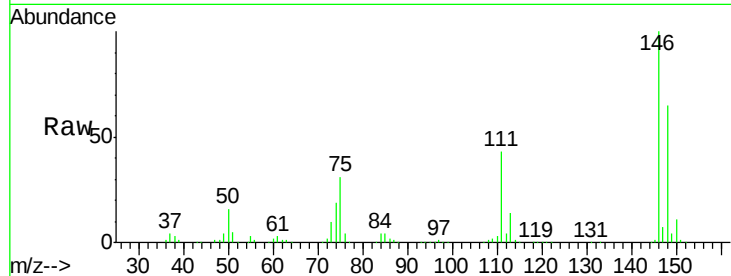
#13
 1,4-Dichlorobenzene
 Concen: 35.900 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		372710		
148	65.1	50.8	76.2		
111	43.3	34.2	51.2		

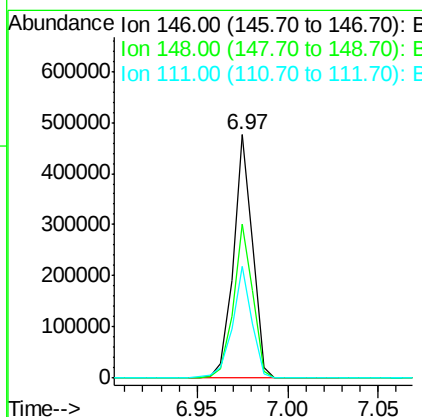
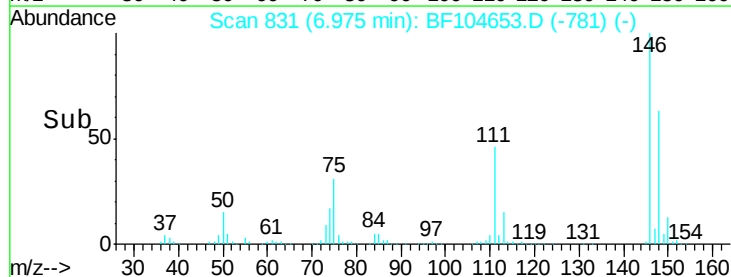
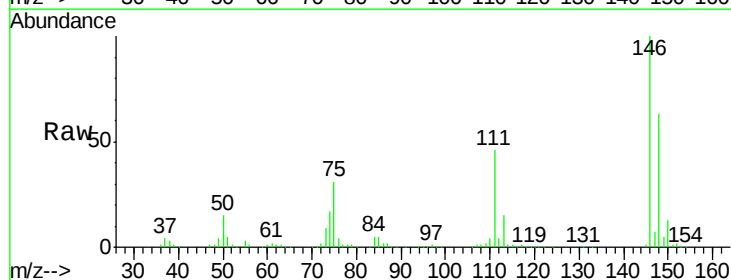
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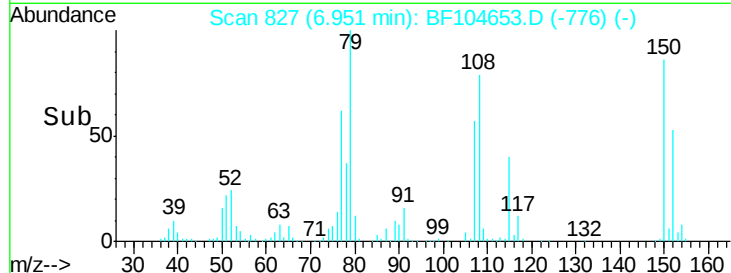
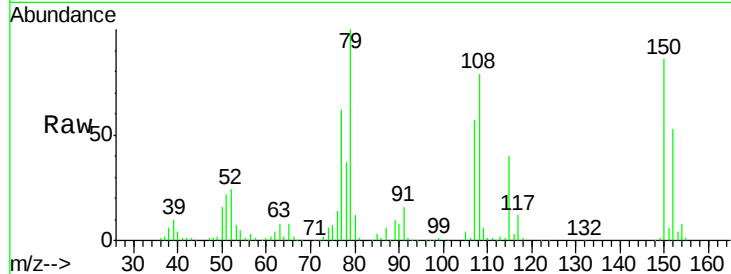
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 4/25/2018 10:10:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.259 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		348842		
148	63.1	50.6	75.8		
111	45.9	36.0	54.0		





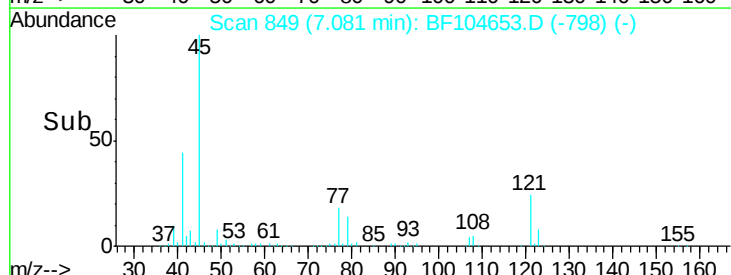
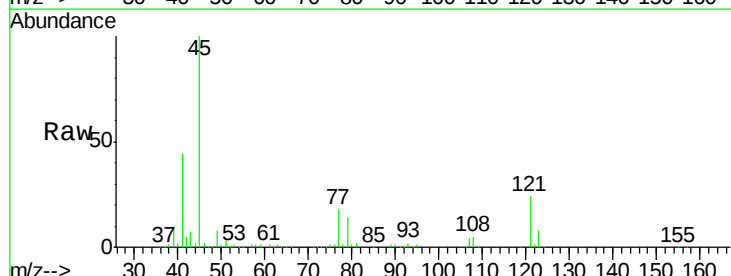
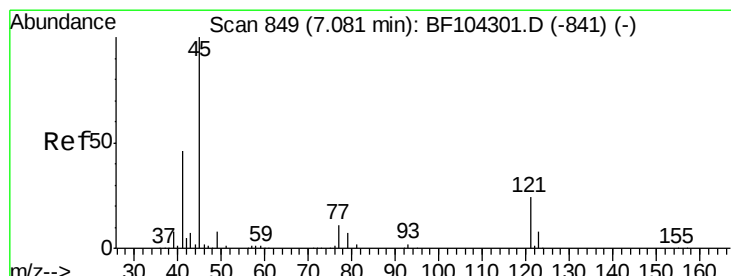
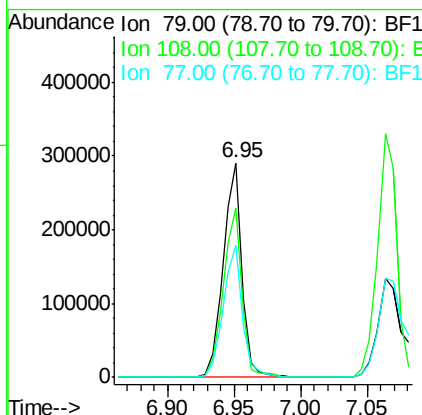
#15
Benzyl Alcohol
Concen: 35.458 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	65.1	97.7
77	61.9	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
PB108376BS

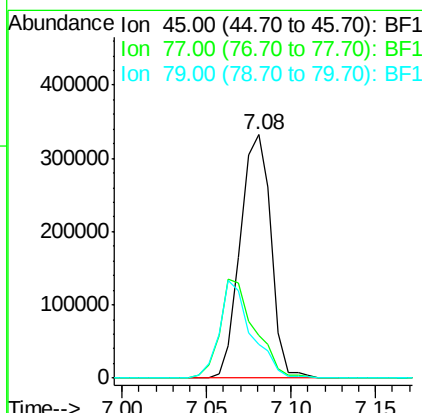
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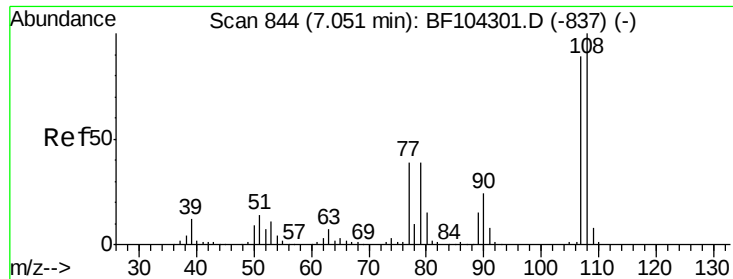
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.649 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	32.9
79	14.1	0.0	29.6





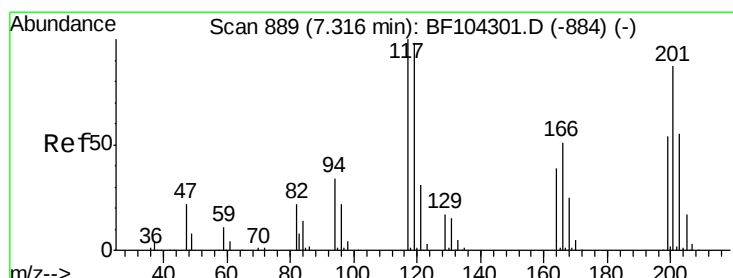
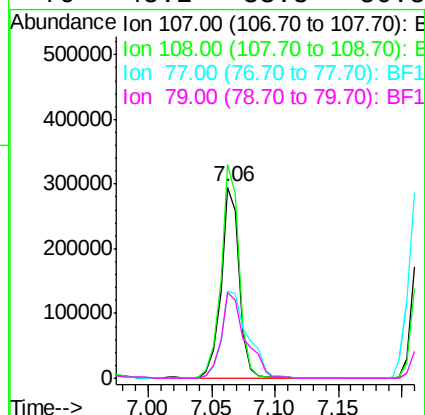
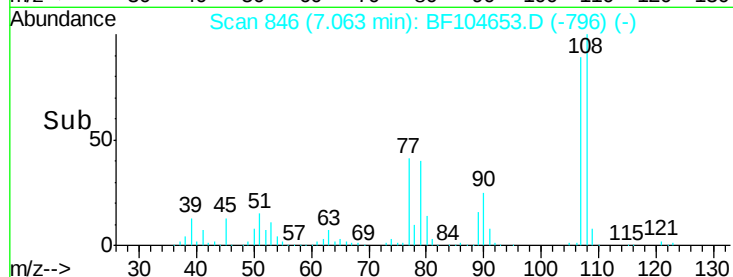
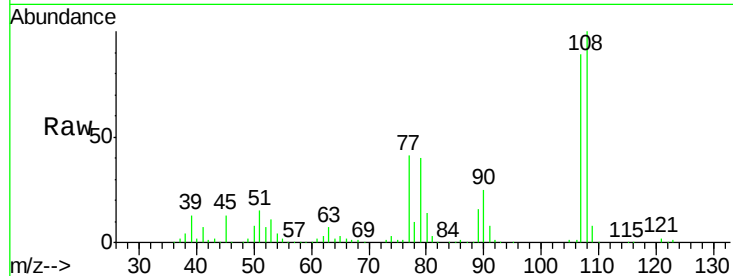
#17
2-Methylphenol
Concen: 37.157 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion:	107	Resp:	296934
Ion Ratio	Lower	Upper	
107	100		
108	111.7	91.7	137.5
77	45.5	33.8	50.8
79	45.2	33.8	50.8

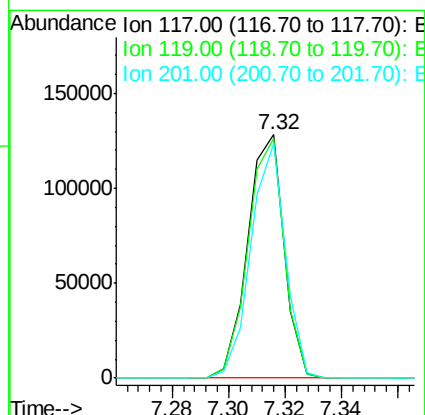
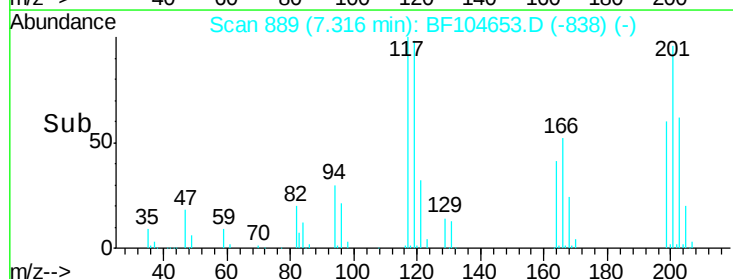
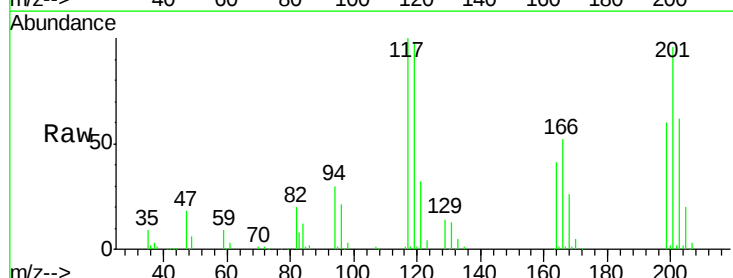
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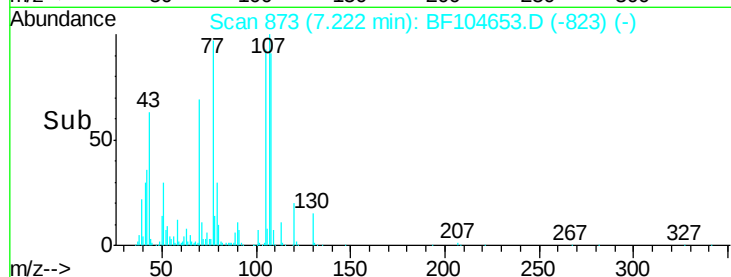
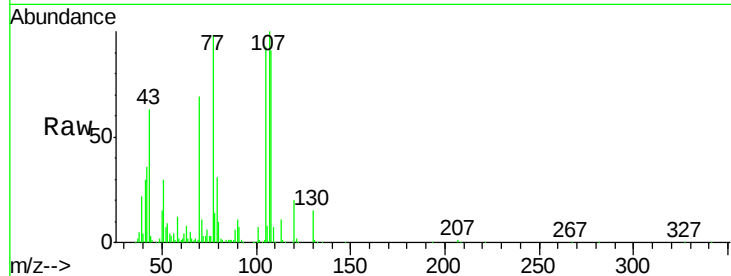
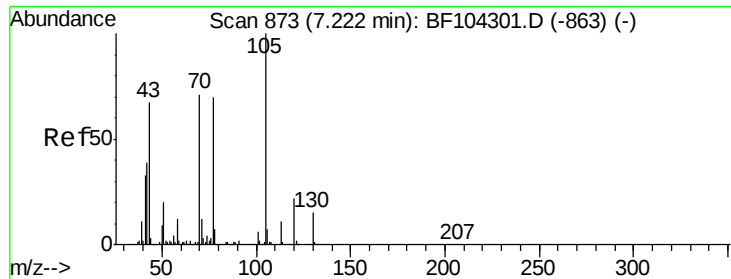
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#18
Hexachloroethane
Concen: 30.894 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion:	117	Resp:	114358
Ion Ratio	Lower	Upper	
117	100		
119	98.3	75.8	113.8
201	96.2	75.7	113.5





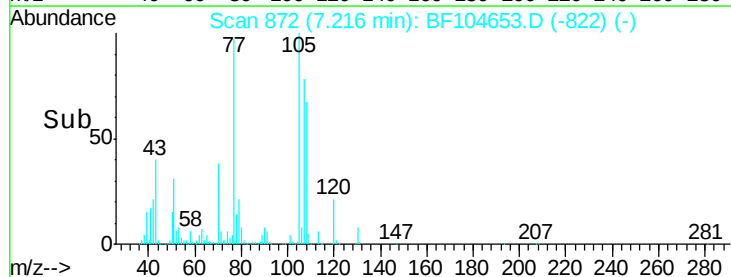
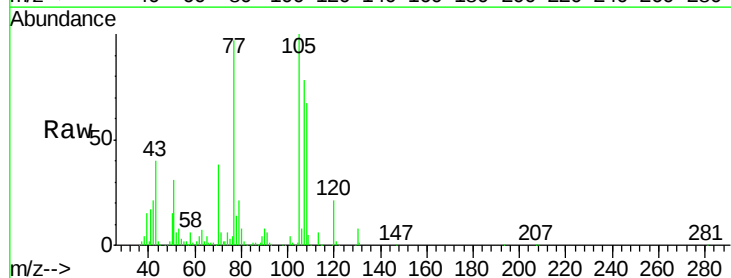
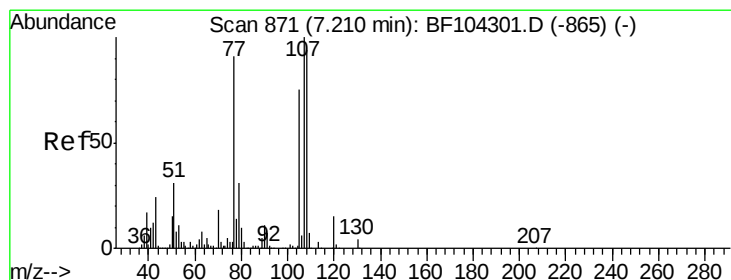
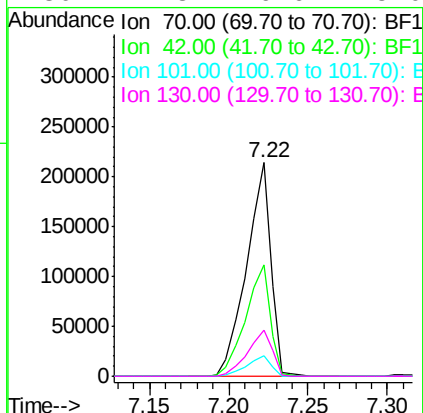
#19
n-Nitroso-di-n-propylamine
Concen: 32.526 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

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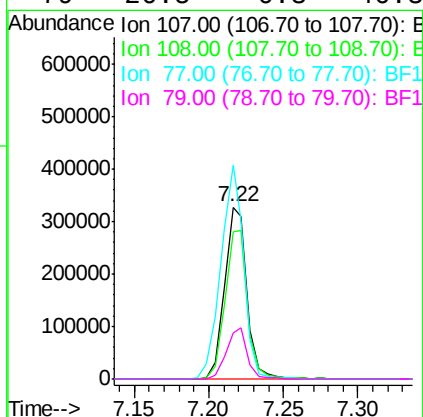
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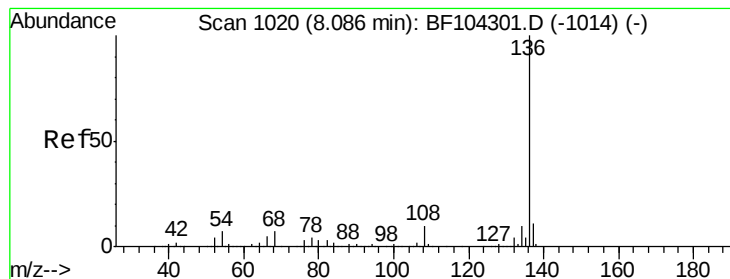
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	9.9	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.768 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.2	108.2
77	124.1	26.7	66.7#
79	26.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

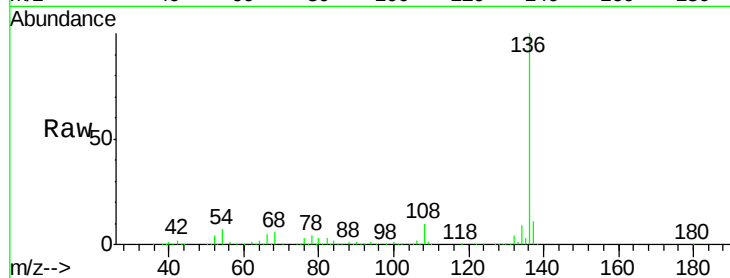
ClientSampleId :

PB108376BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		546751		
137	11.1		8.9	13.3	
54	7.2		6.6	9.8	
68	6.3		5.0	7.4	

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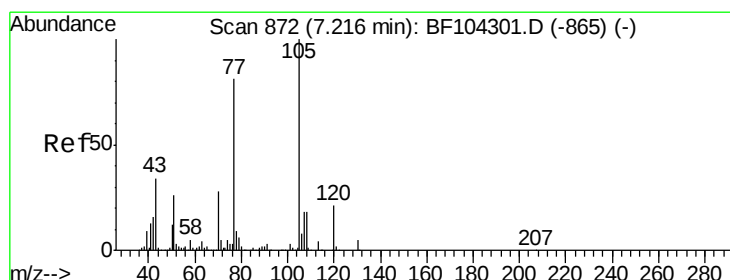
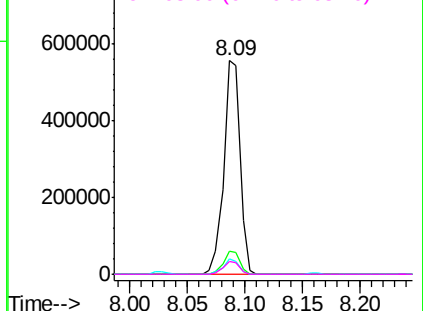
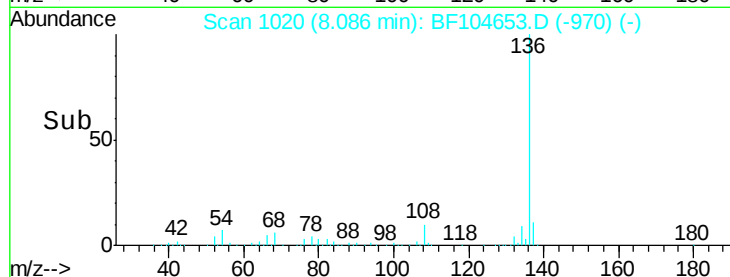


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.024 ng

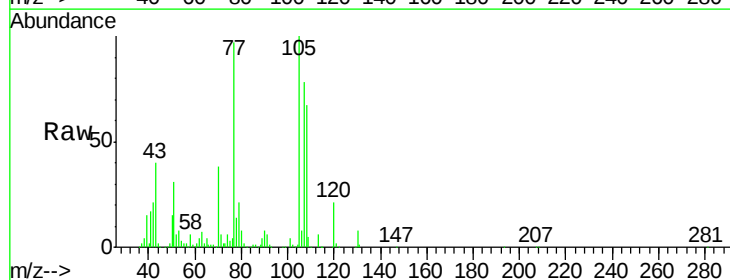
RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		457987		
71	6.4		4.4	6.6	
51	31.5		22.3	33.5	
120	20.6		16.9	25.3	

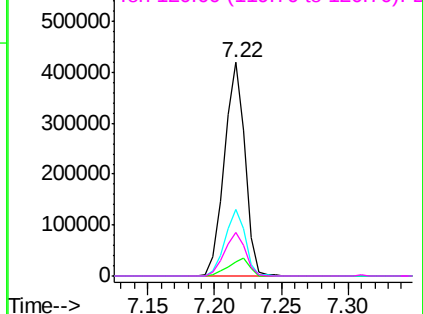
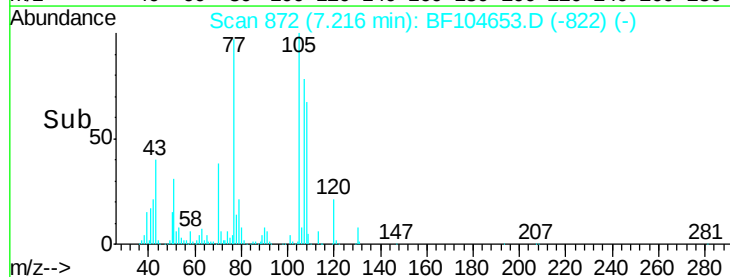


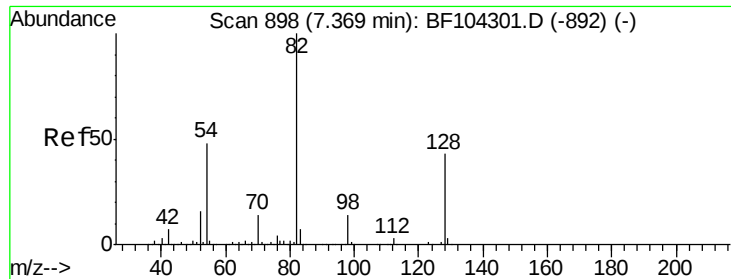
Abundance Ion 105.00 (104.70 to 105.70): E

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





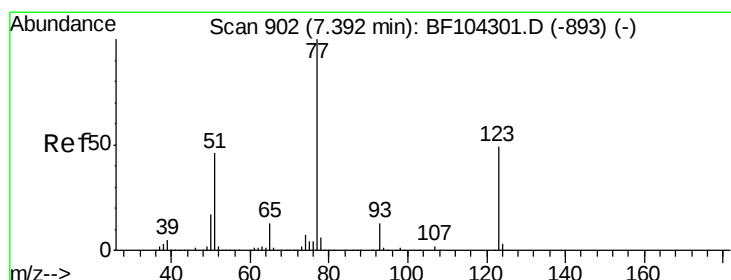
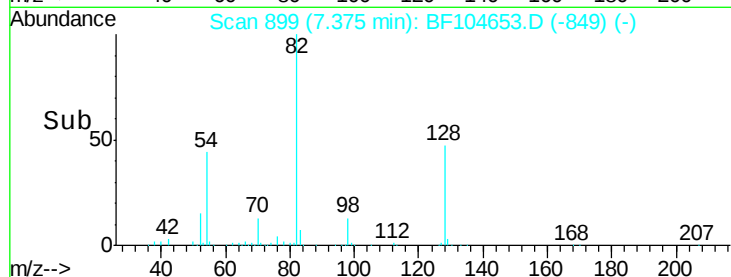
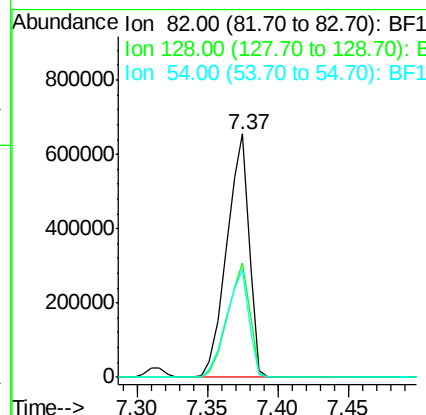
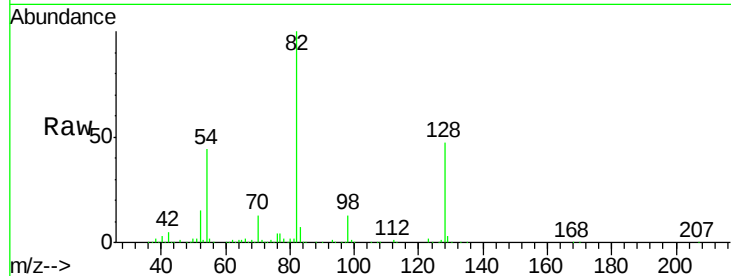
#23
 Nitrobenzene-d5
 Concen: 85.793 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	46.9	36.1	54.1
54	44.2	41.4	62.2

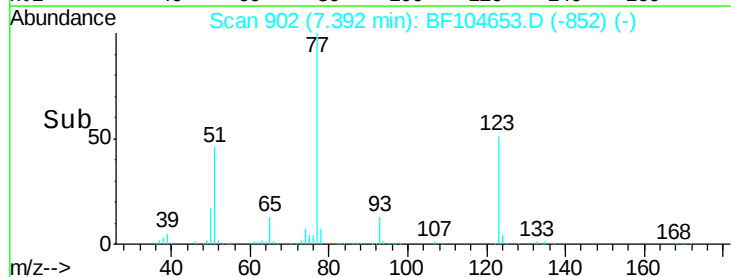
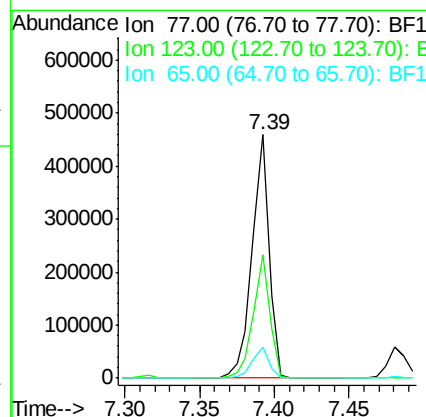
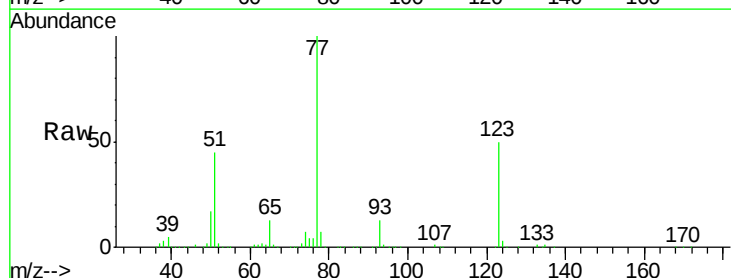
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#24
 Nitrobenzene
 Concen: 39.197 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	50.4	37.9	56.9
65	13.0	11.0	16.4





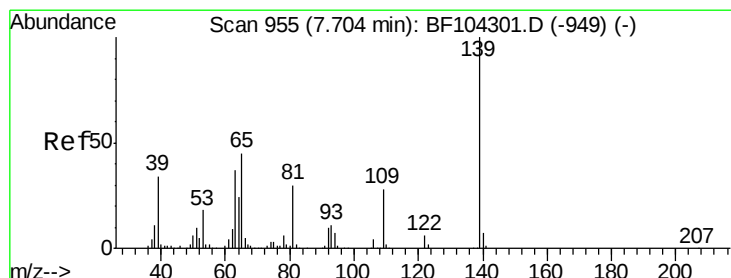
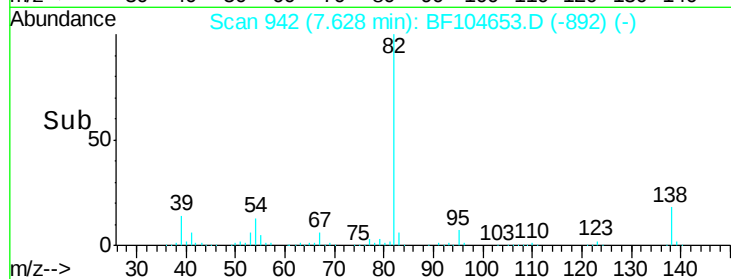
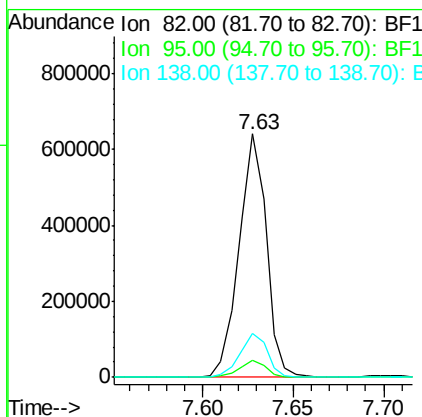
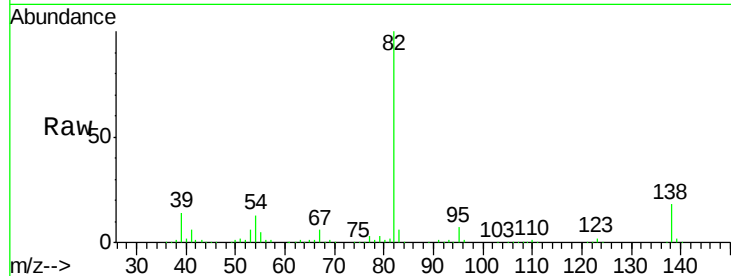
#25
Isophorone
Concen: 38.011 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	673022		
95	6.8	5.2	7.8	
138	17.9	14.9	22.3	

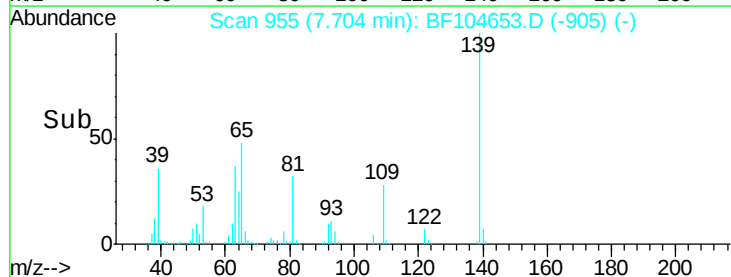
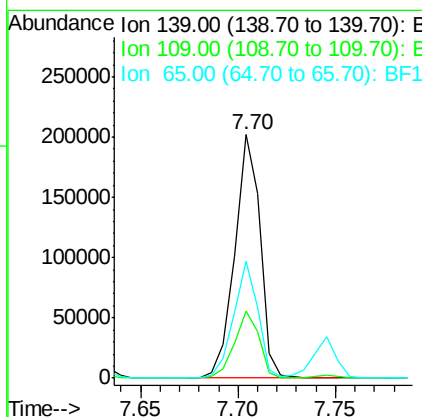
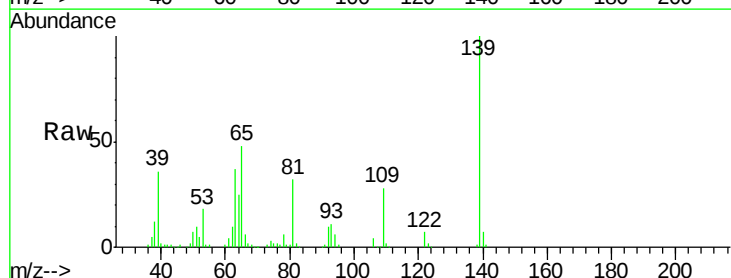
Manual Integrations
APPROVED

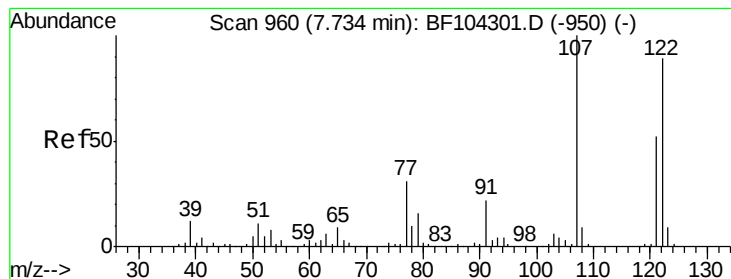
Sohil
4/25/2018 10:10:40 AM



#26
2-Nitrophenol
Concen: 48.331 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	181891		
109	27.6	22.7	34.1	
65	48.0	40.5	60.7	





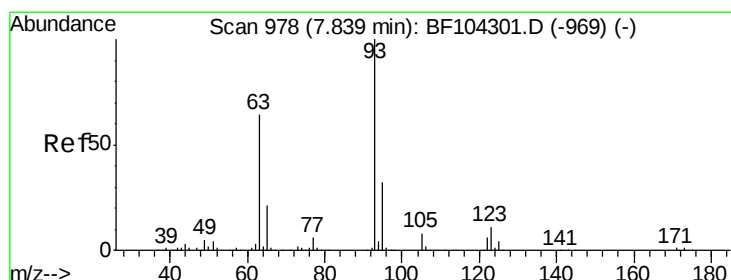
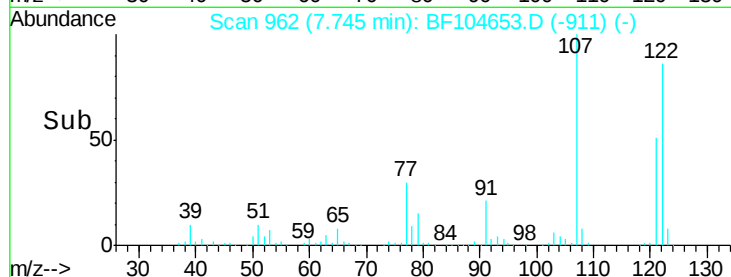
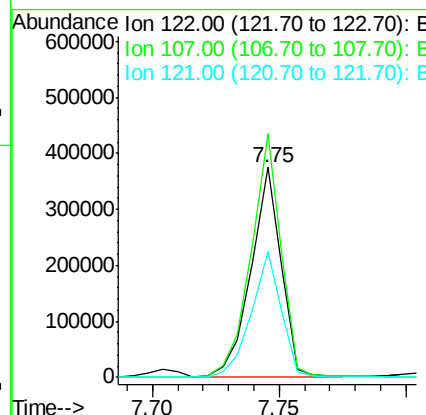
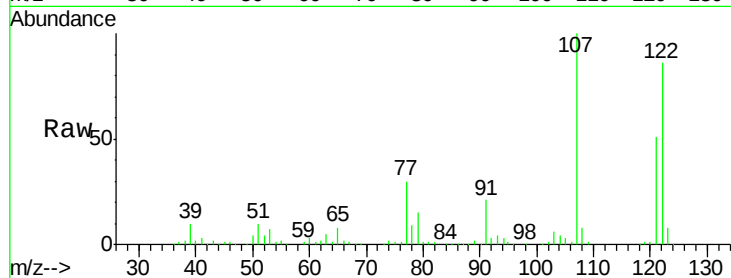
#27
2,4-Dimethylphenol
Concen: 40.109 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	91.2	136.8
121	59.7	47.2	70.8

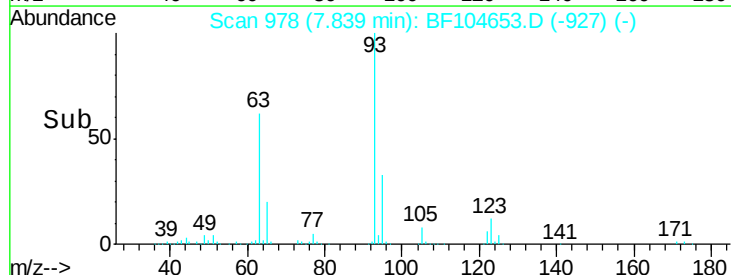
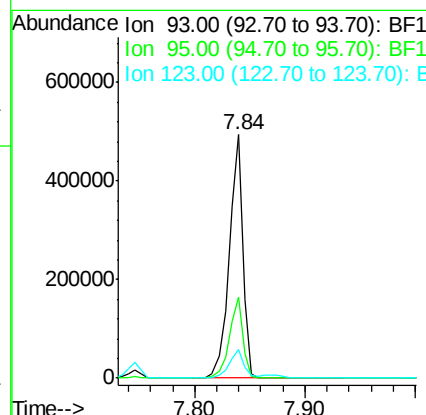
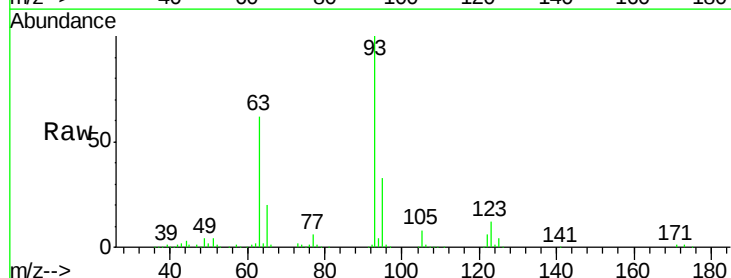
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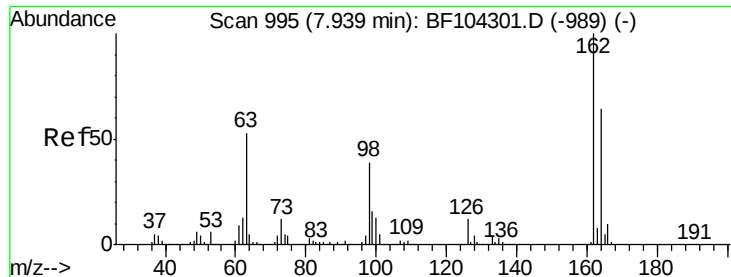
Sohil
4/25/2018 10:10:40 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.521 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.9	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 39.391 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

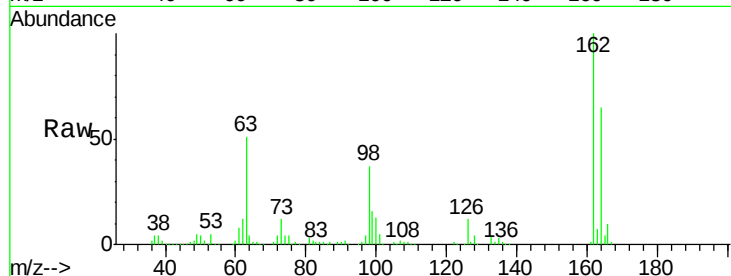
ClientSampleId :

PB108376BS

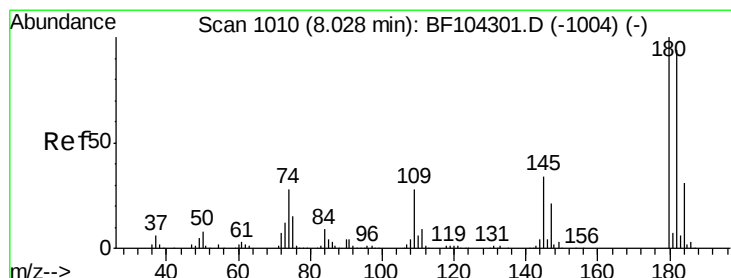
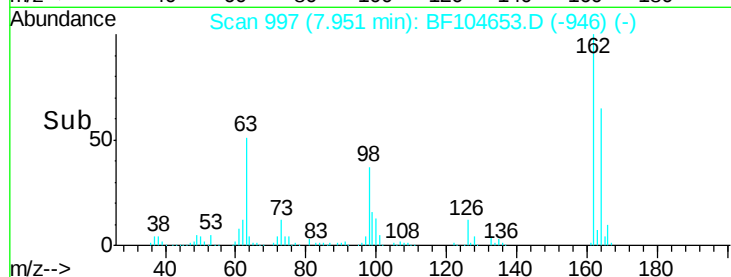
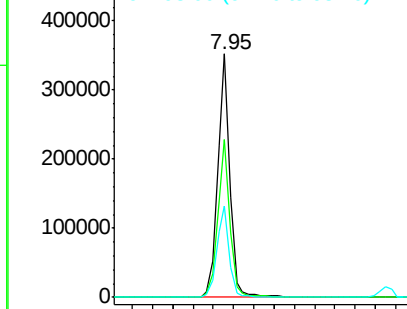
Tot Ion:	162	Resp:	293699
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.7	82.7
98	37.5	18.1	58.1

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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: 36.373 ng

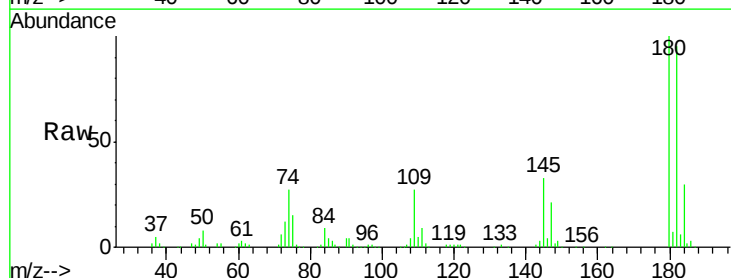
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

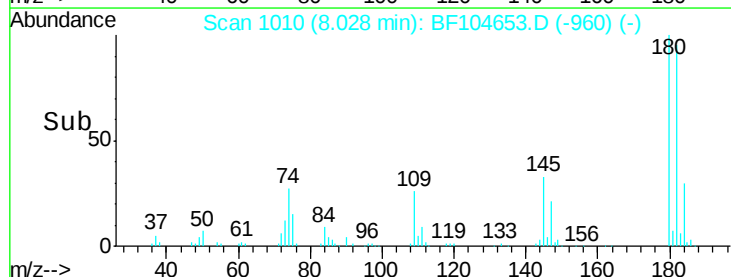
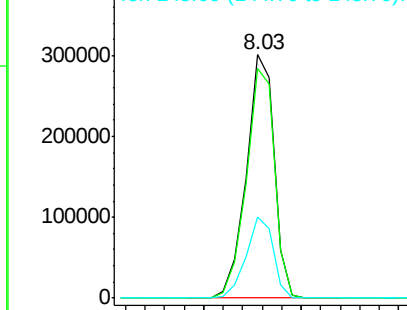
Lab File: BF104653.D

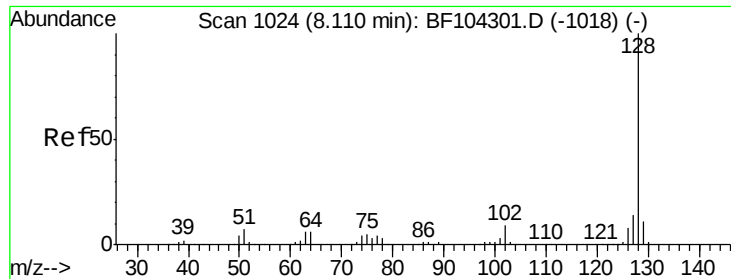
Acq: 20 Apr 2018 2:28

Tgt Ion:	180	Resp:	297628
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	33.3	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





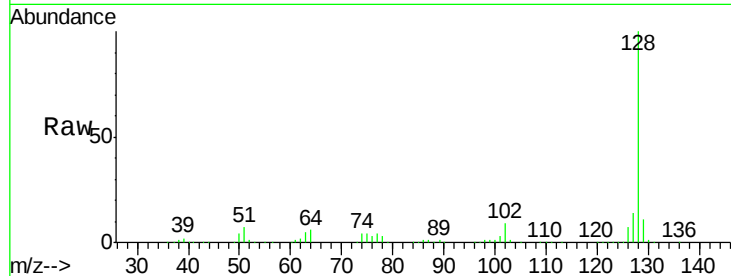
#31
Naphthalene
Concen: 36.794 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampled :
PB108376BS

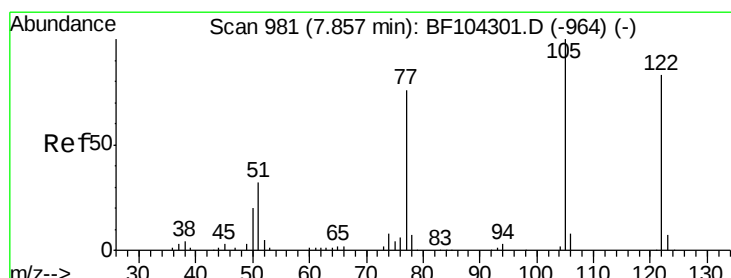
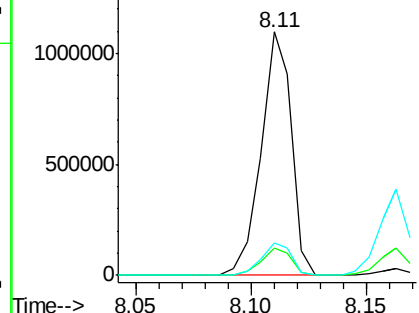
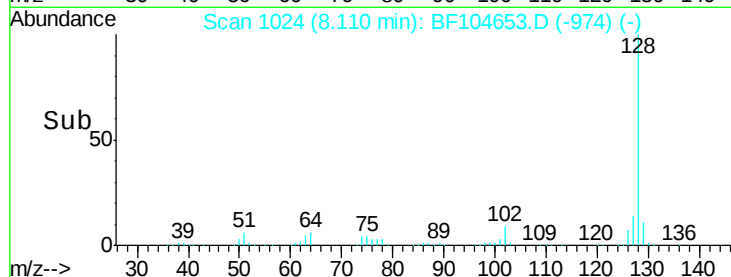
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.9	16.3

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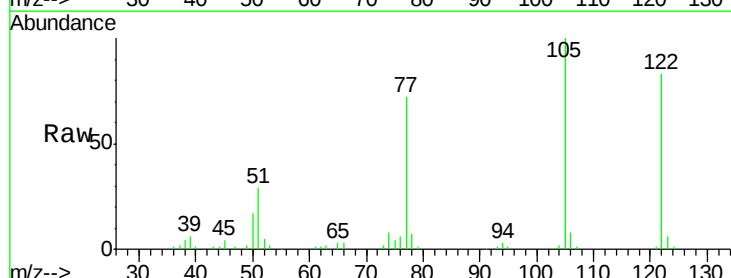


Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

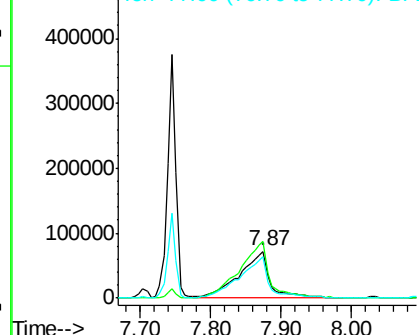
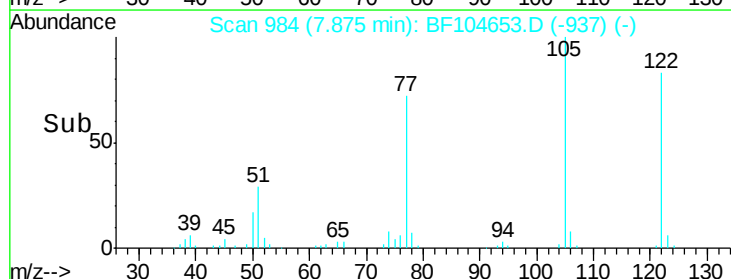


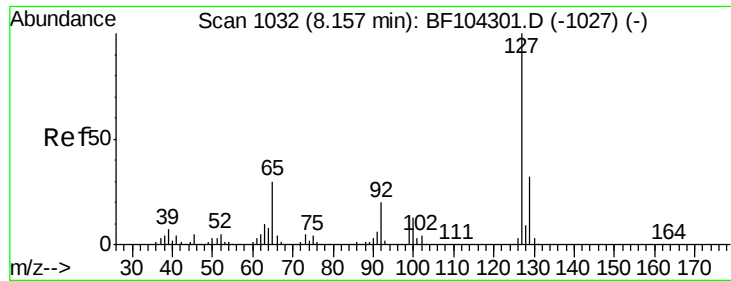
#32
Benzoic acid
Concen: 34.334 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.7	101.1	141.1
77	87.4	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
500000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





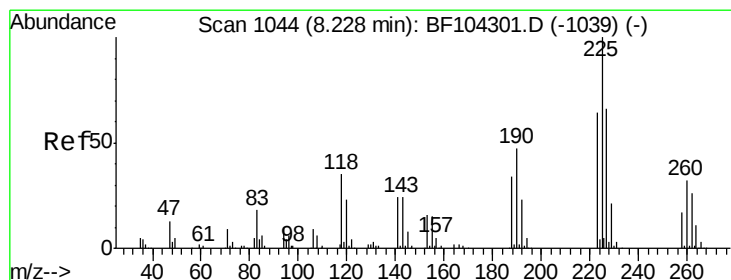
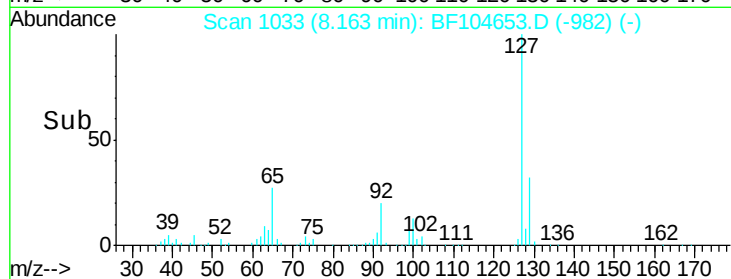
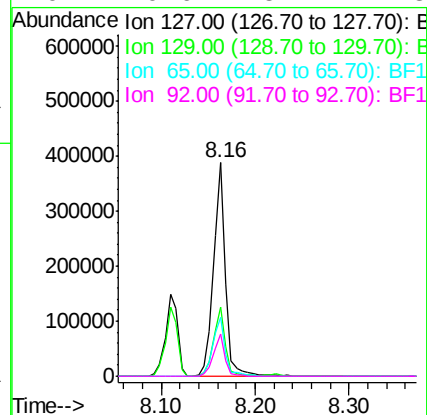
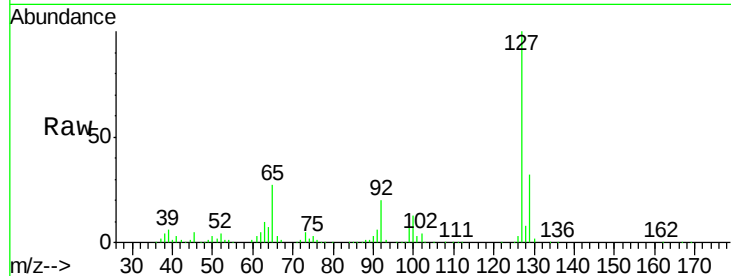
#33
4-Chloroaniline
Concen: 30.062 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3		25.9	38.9	
65	27.5		25.0	37.4	
92	19.6		15.2	22.8	

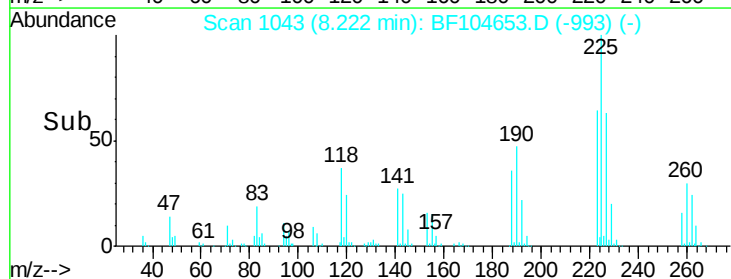
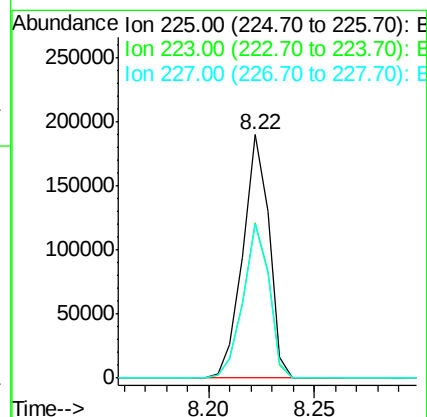
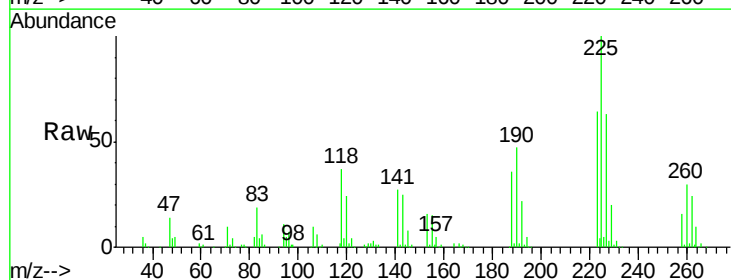
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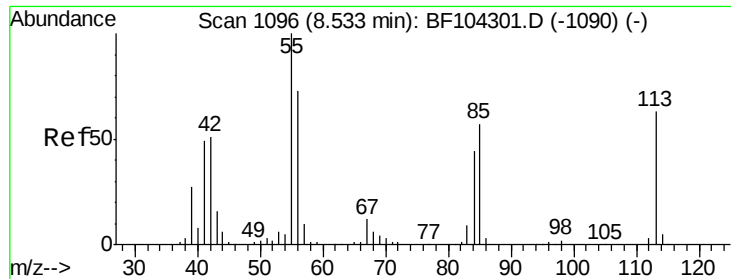
Sohil
4/25/2018 10:10:40 AM



#34
Hexachlorobutadiene
Concen: 36.297 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9		50.6	76.0	
227	63.2		51.9	77.9	





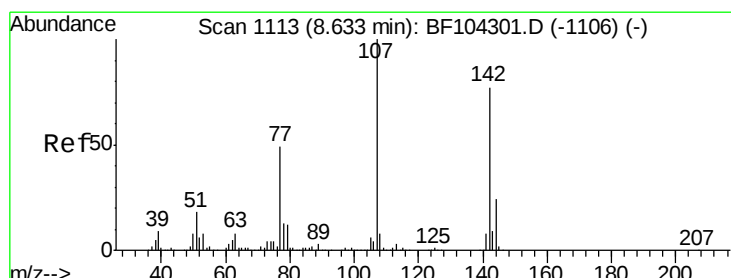
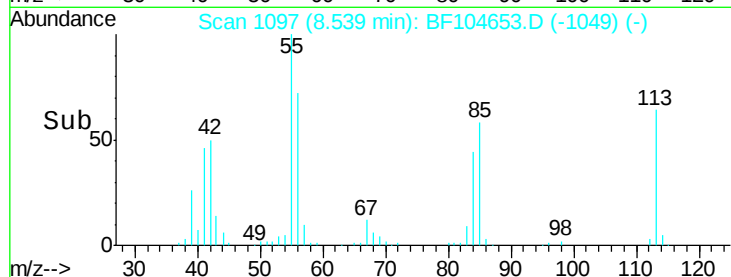
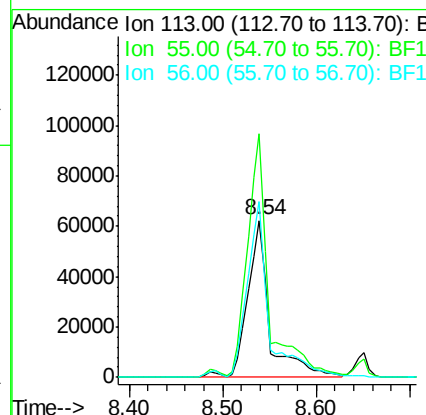
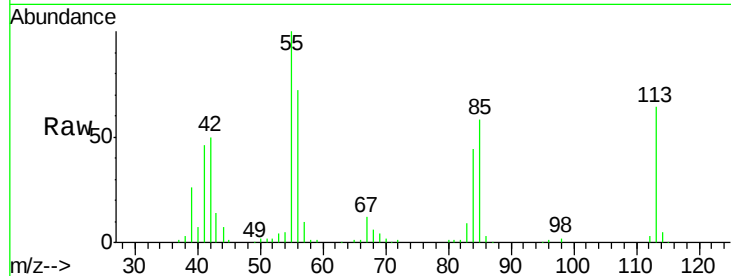
#35
 Caprolactam
 Concen: 39.112 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleID :
 PB108376BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	155.1	163.3	203.3		
56	112.0	115.7	155.7		

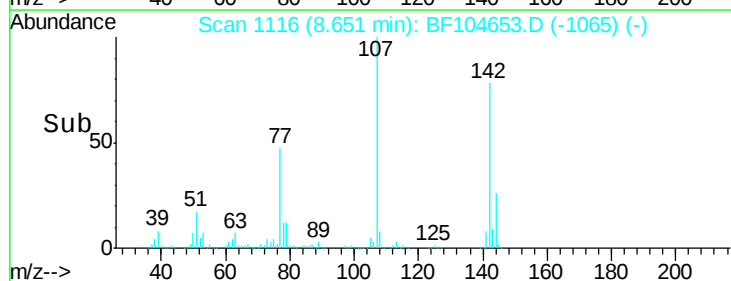
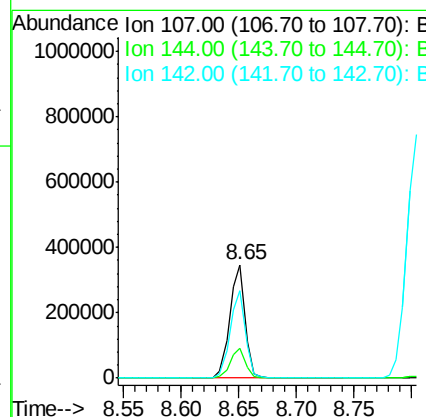
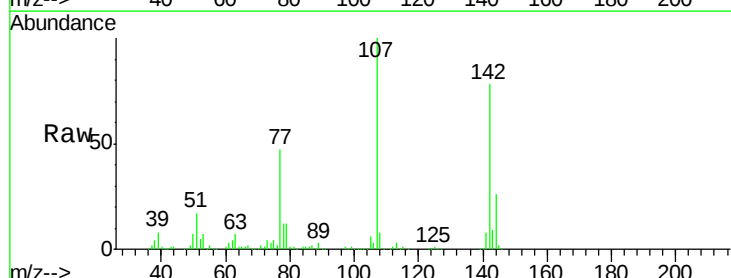
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 4/25/2018 10:10:40 AM



#36
 4-Chloro-3-methylphenol
 Concen: 39.896 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0	20.5	30.7		
142	77.8	62.0	93.0		





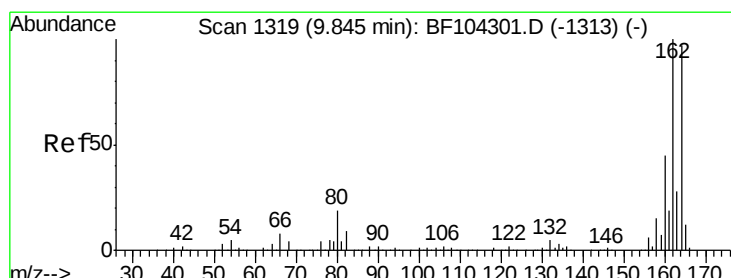
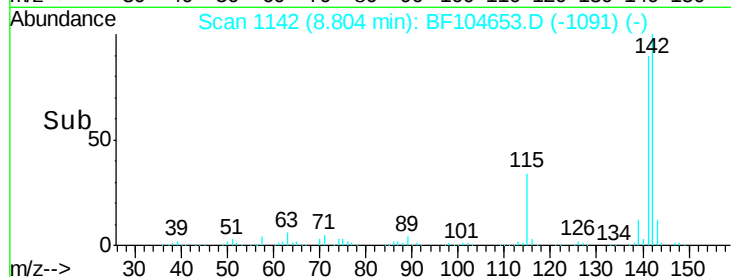
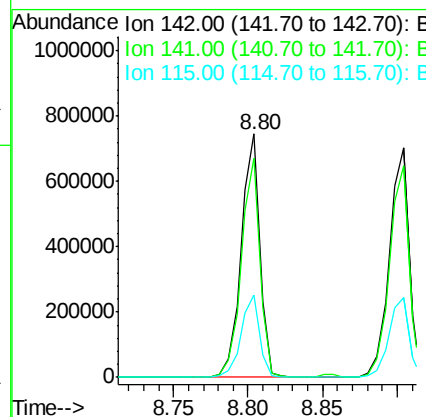
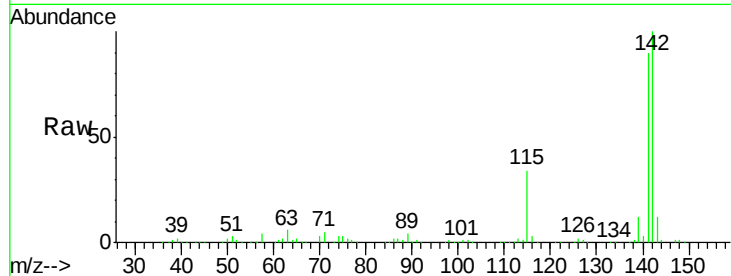
#37
2-Methylnaphthalene
Concen: 37.401 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleID :
PB108376BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	33.8	26.1	39.1

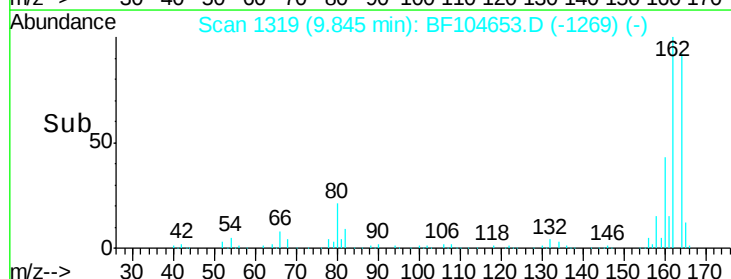
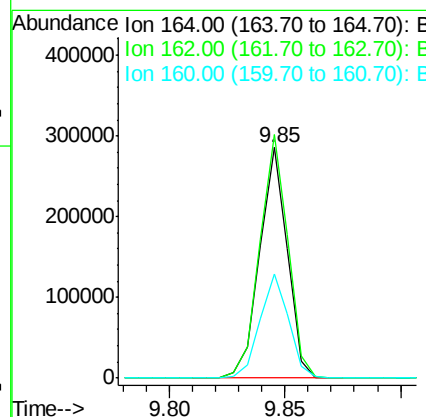
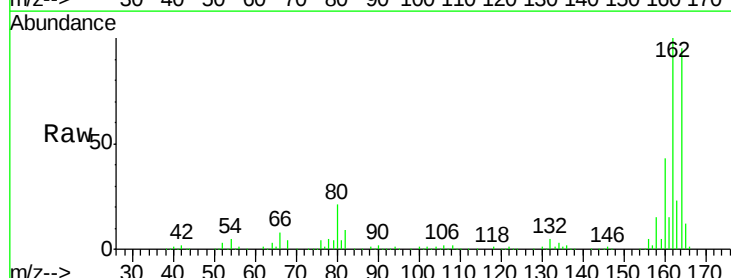
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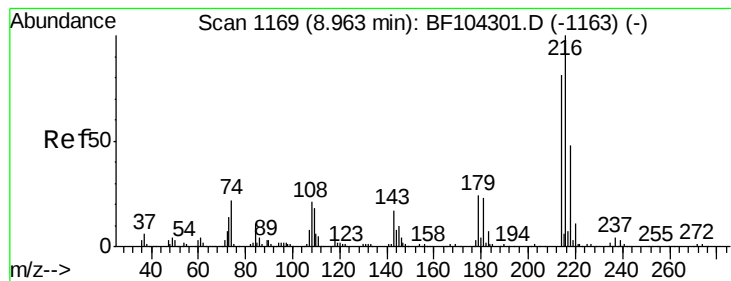
Sohil
4/25/2018 10:10:40 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.697 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

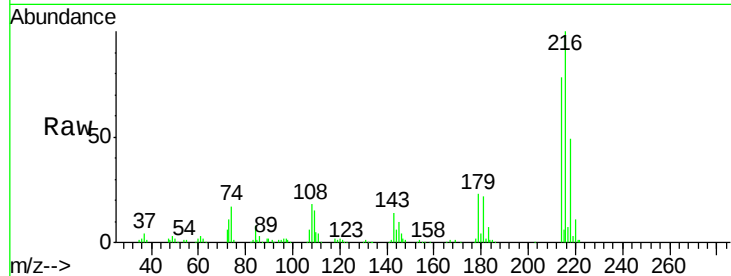
ClientSampleId :

PB108376BS

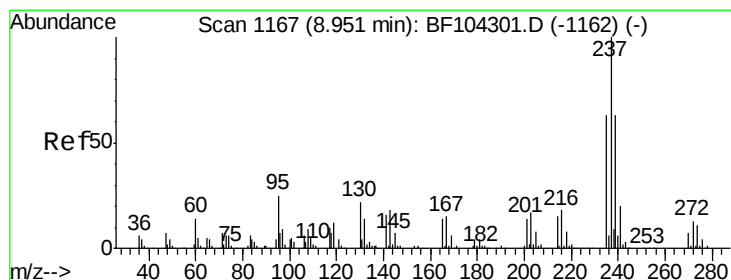
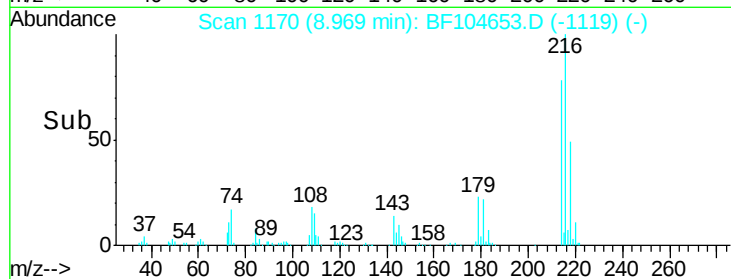
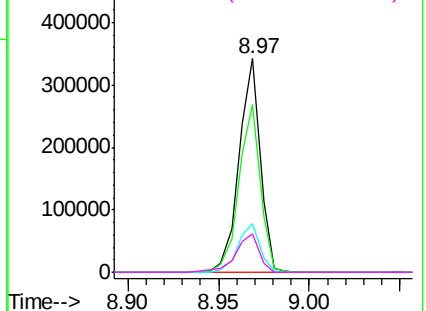
Tot Ion	Ratio	Resp	Lower	Upper
216	100	278739		
214	78.8	63.0	94.4	
179	23.1	18.1	27.1	
108	19.8	17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 22.113 ng

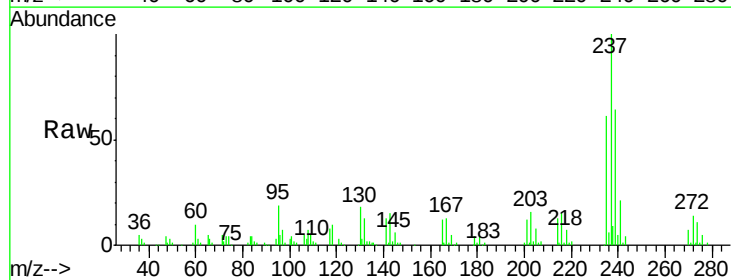
RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

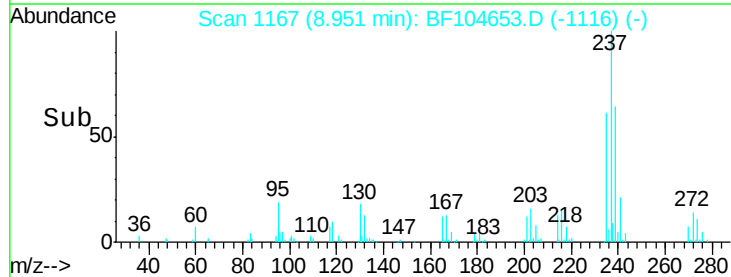
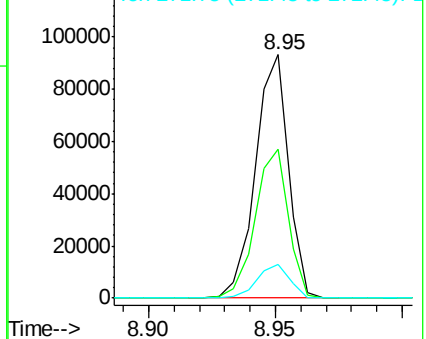
Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	84790		
235	61.3	44.8	84.8	
272	13.7	0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 109.708 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

ClientSampleId :

PB108376BS

Tot Ion:330 Resp: 272288

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

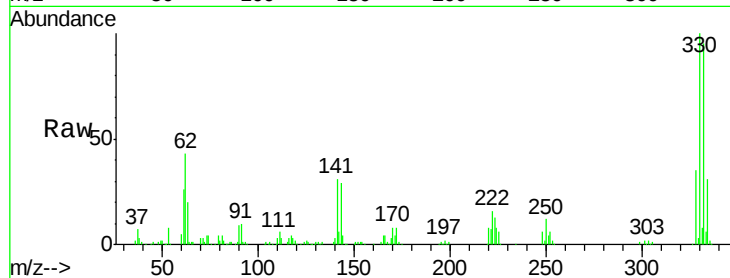
141 32.3 29.9 44.9

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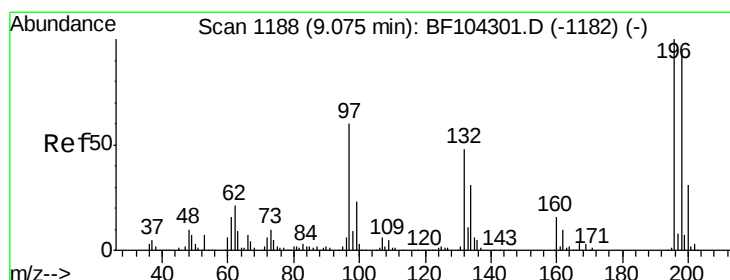
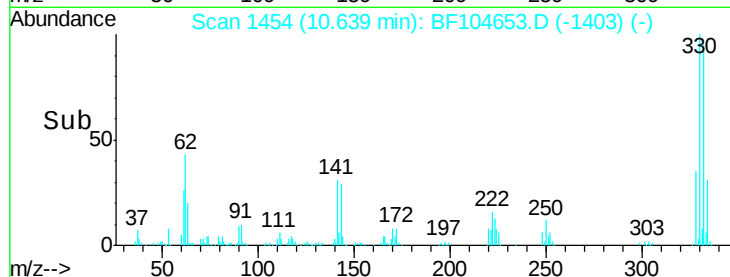
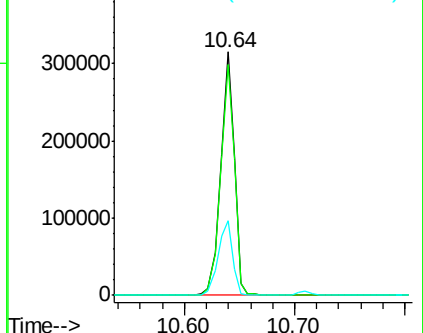
4/25/2018 10:10:40 AM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.327 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Tgt Ion:196 Resp: 196489

Ion Ratio Lower Upper

196 100

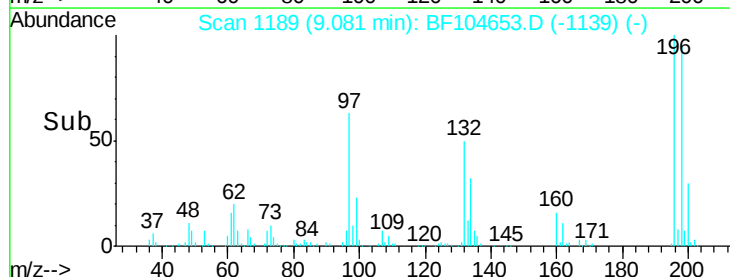
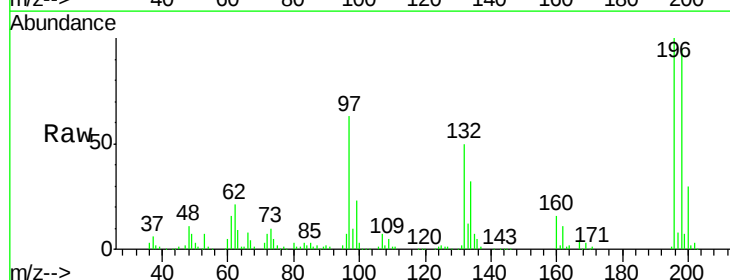
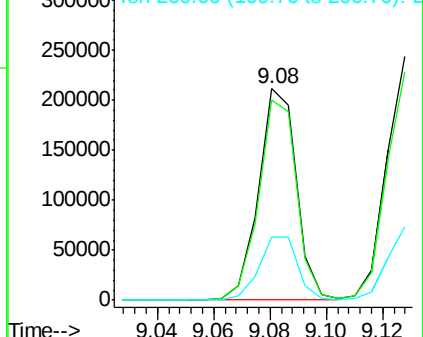
198 94.6 75.7 113.5

200 30.0 24.5 36.7

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





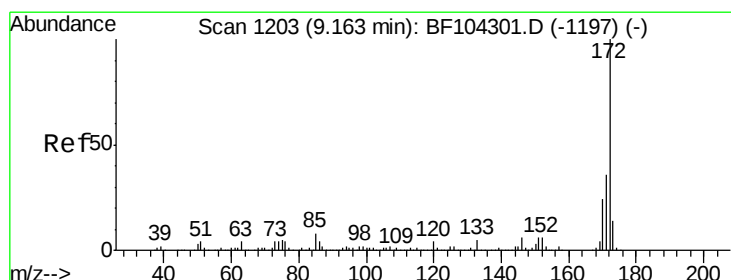
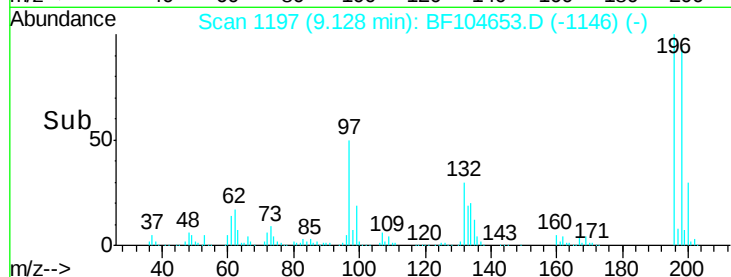
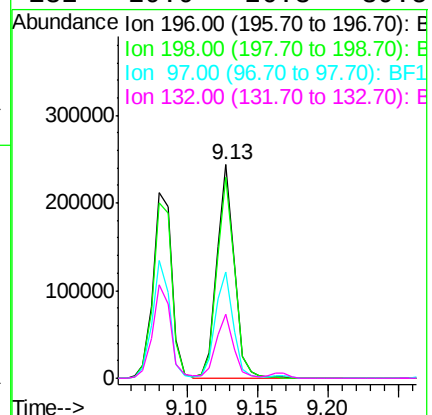
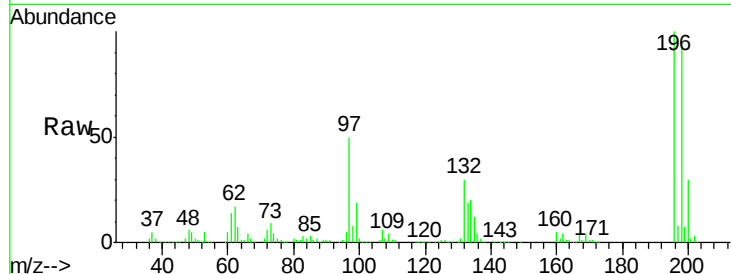
#43
 2,4,5-Trichlorophenol
 Concen: 39.596 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		210671		
198	93.9	74.6	112.0		
97	49.7	42.9	64.3		
132	29.9	26.3	39.5		

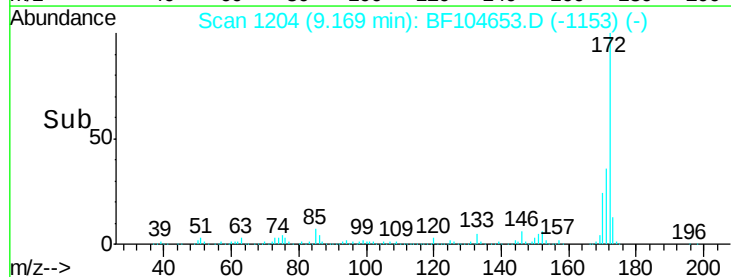
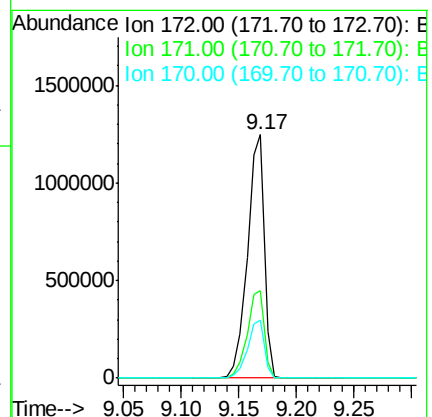
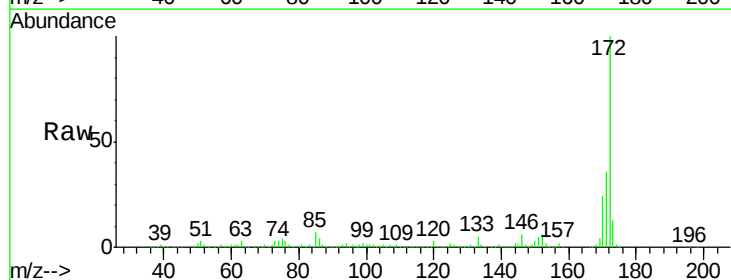
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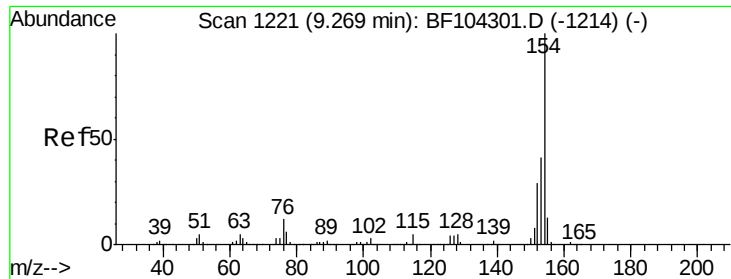
Sohil
 4/25/2018 10:10:40 AM



#44
 2-Fluorobiphenyl
 Concen: 83.033 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1257590		
171	36.0	29.7	44.5		
170	23.8	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 38.663 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

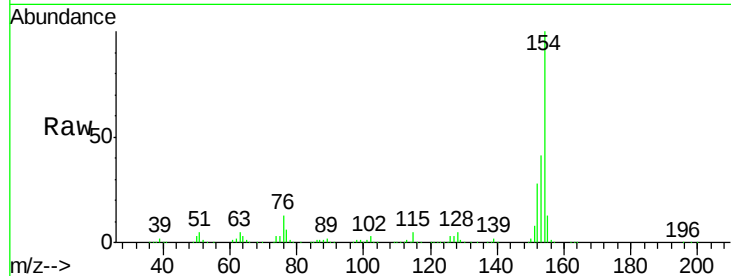
ClientSampleId :

PB108376BS

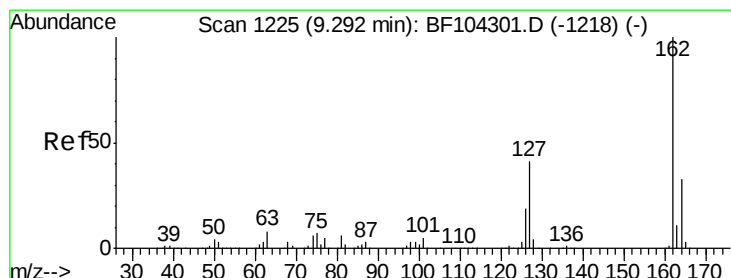
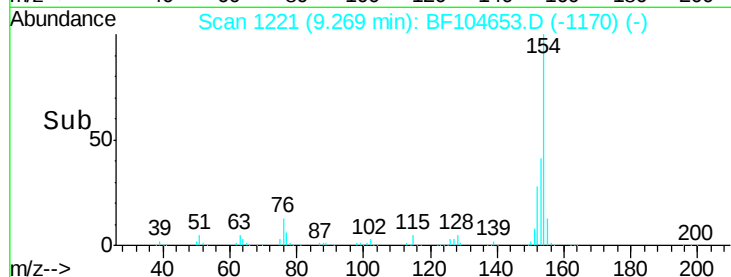
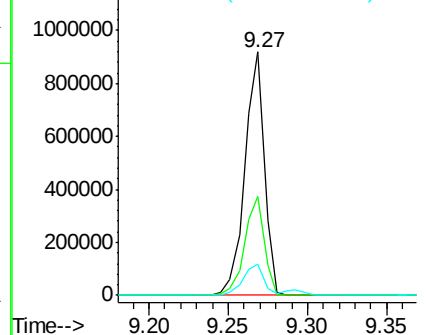
Tot Ion:	154	Resp:	777120
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.7	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 38.637 ng

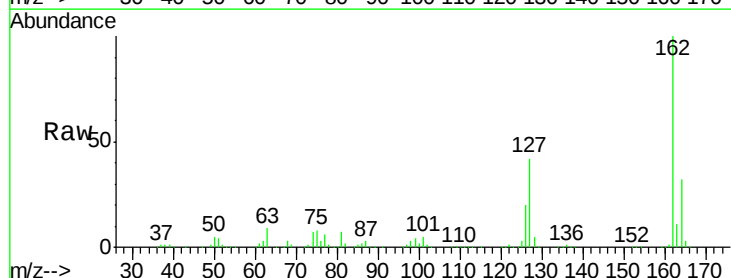
RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

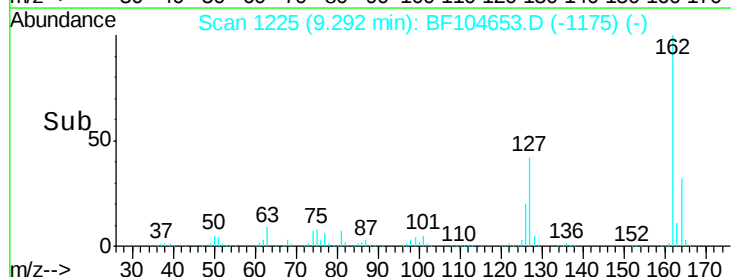
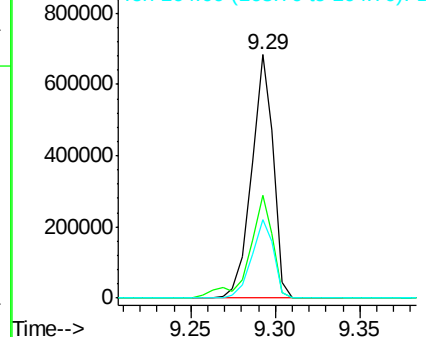
Lab File: BF104653.D

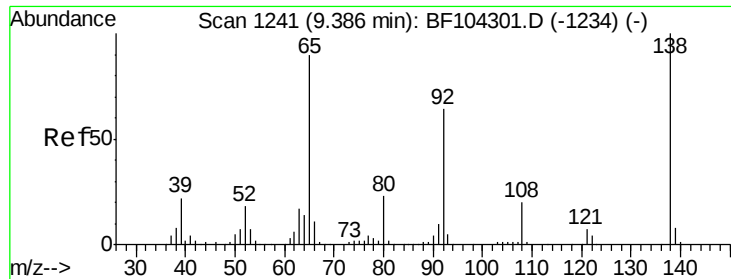
Acq: 20 Apr 2018 2:28

Tgt Ion:	162	Resp:	613416
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	32.3	26.5	39.7



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





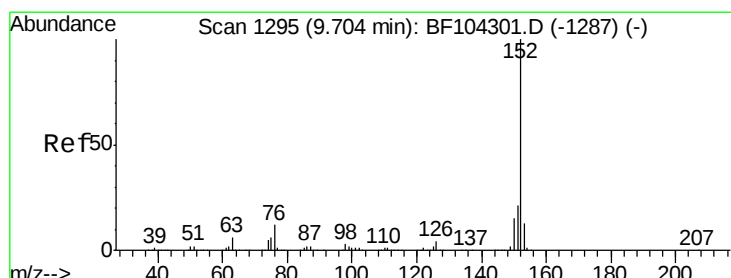
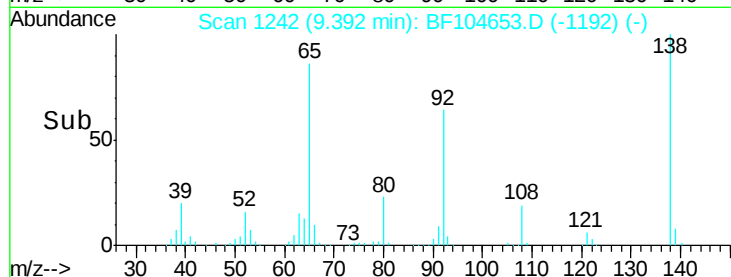
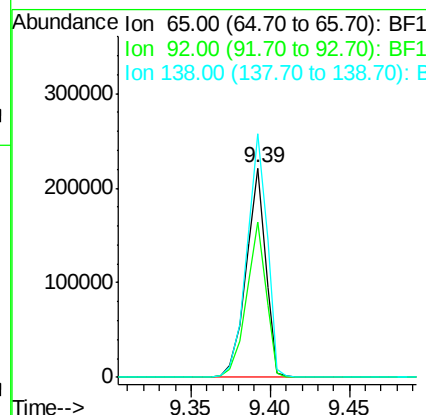
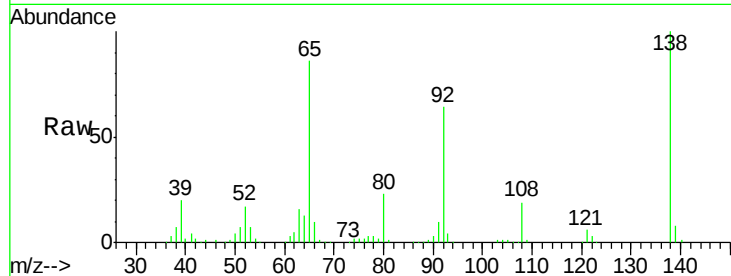
#47
2-Nitroaniline
Concen: 48.318 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.9	55.8	83.6
138	116.2	91.2	136.8

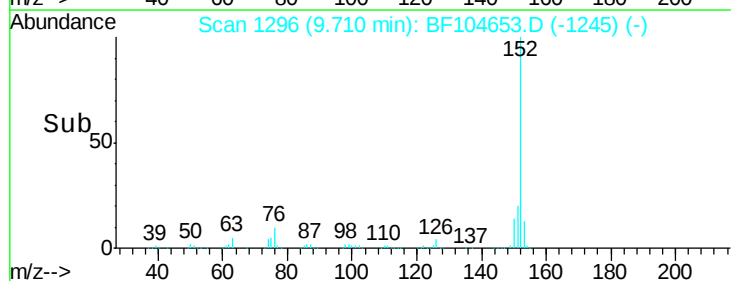
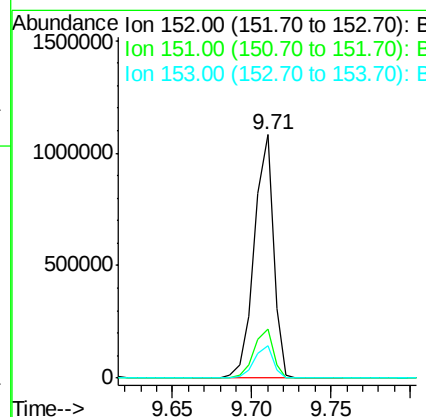
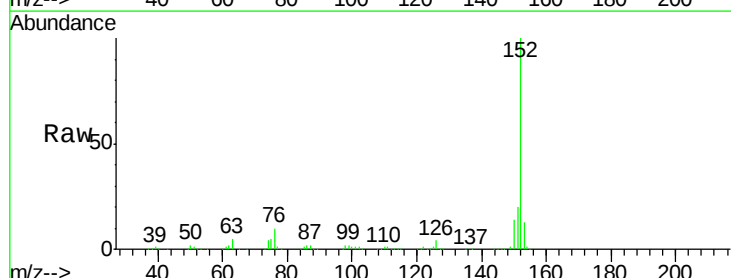
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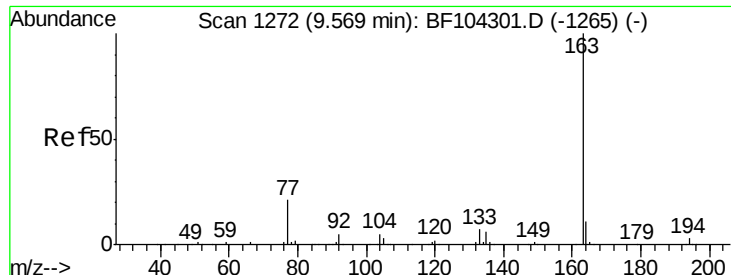
Sohil
4/25/2018 10:10:40 AM



#48
Acenaphthylene
Concen: 36.534 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.7	16.1





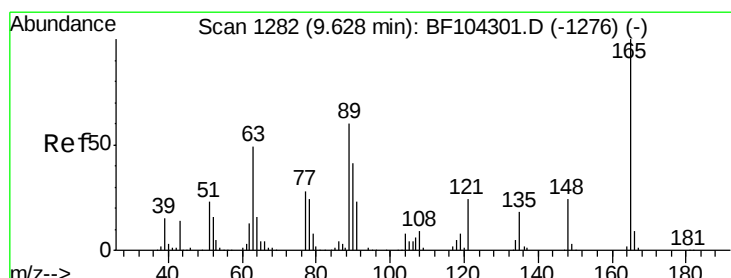
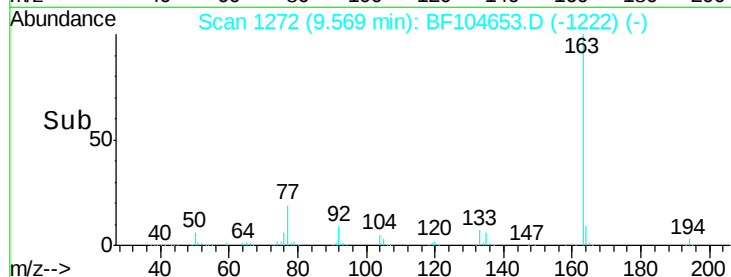
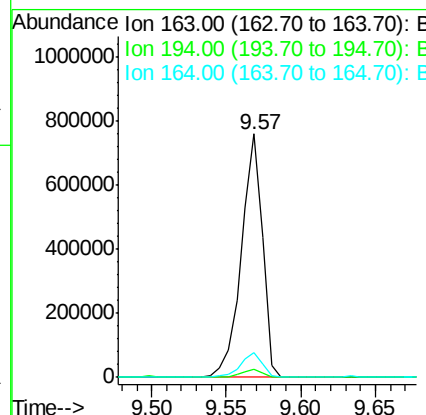
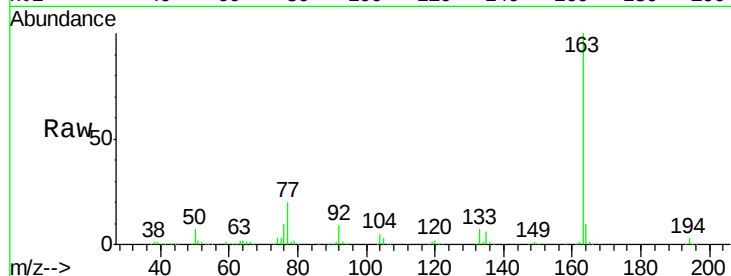
#49
Dimethylphthalate
Concen: 39.767 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion:	163	Resp:	750323
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.1	8.2	12.2

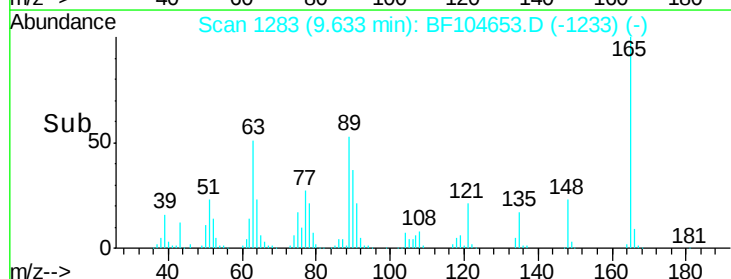
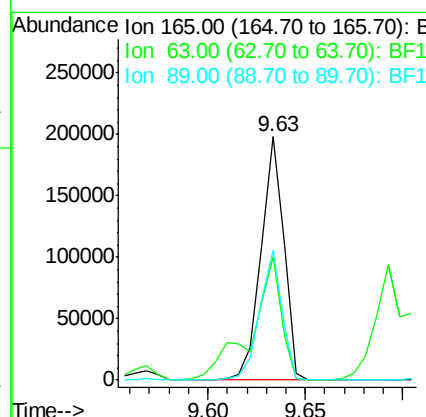
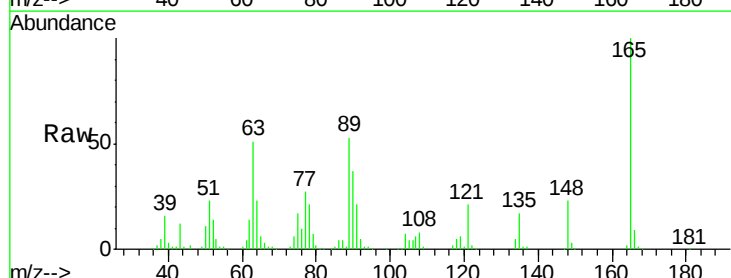
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#50
2,6-Dinitrotoluene
Concen: 46.055 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion:	165	Resp:	160790
Ion Ratio	Lower	Upper	
165	100		
63	50.5	44.7	67.1
89	53.5	44.0	66.0





#51

Acenaphthene

Concen: 34.516 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

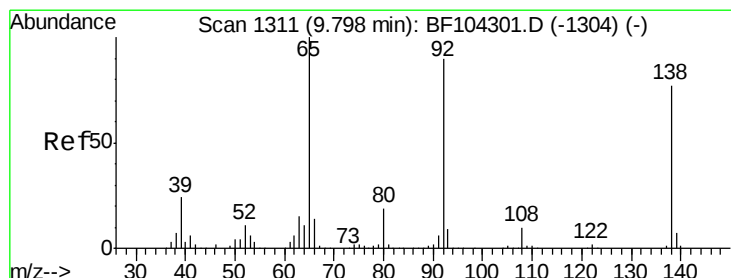
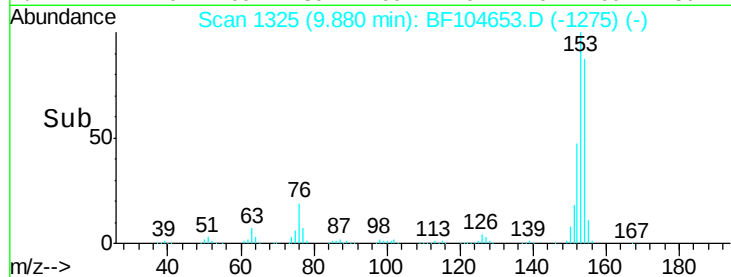
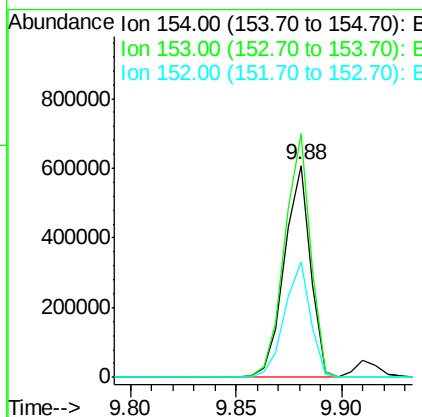
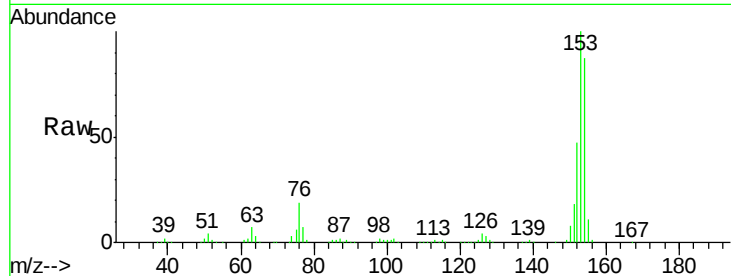
ClientSampleId :

PB108376BS

Tot Ion:	154	Resp:	524577
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 37.983 ng

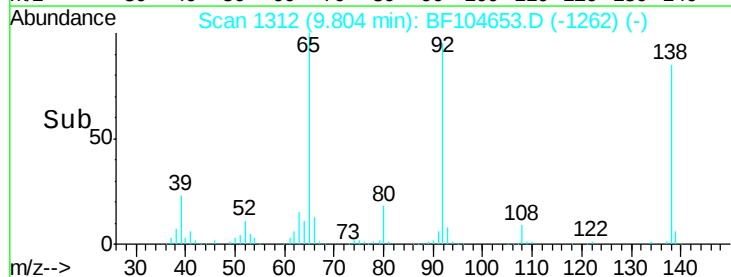
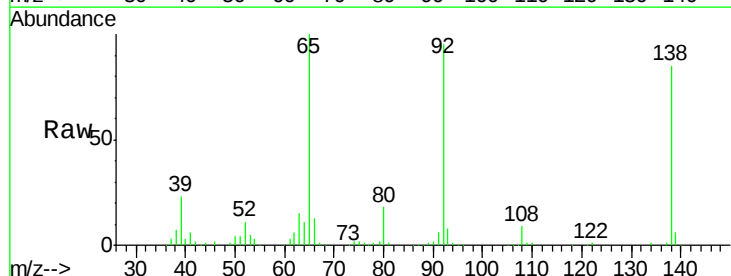
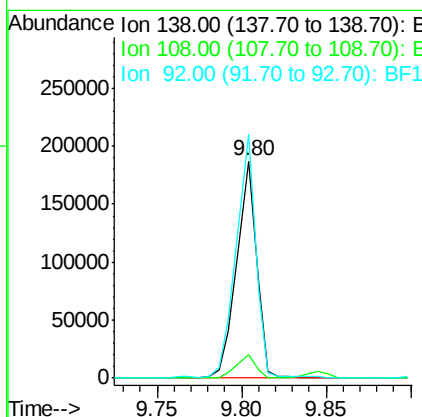
RT: 9.80 min Scan# 1312

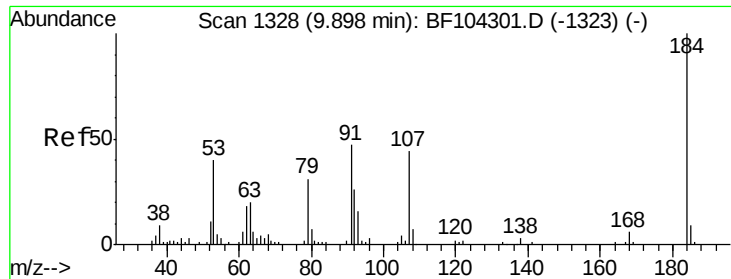
Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Tgt Ion:	138	Resp:	155244
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	112.1	89.4	134.2





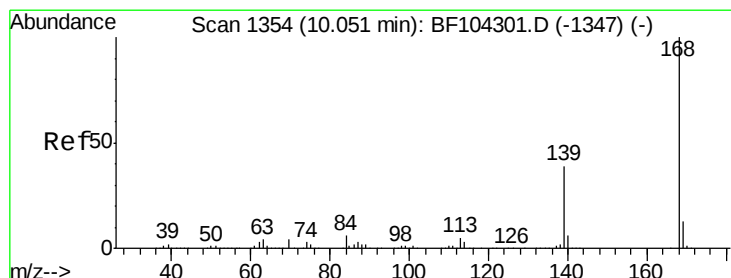
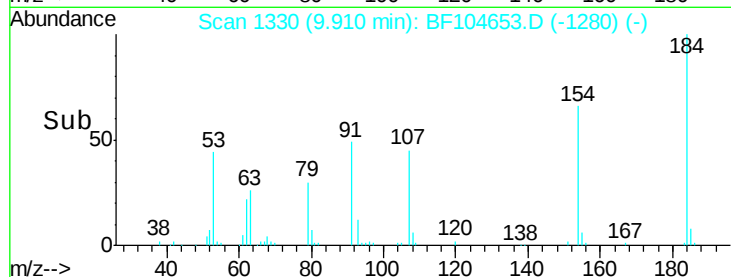
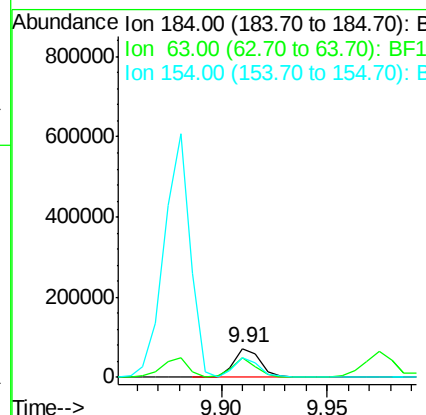
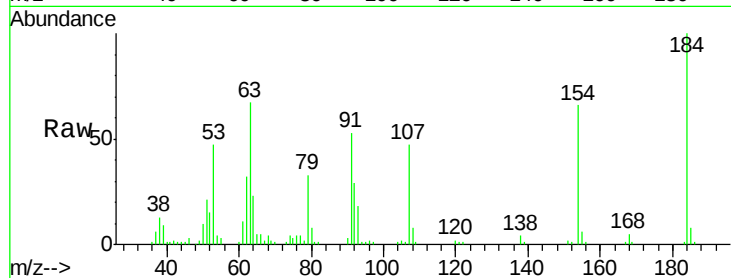
#53
 2,4-Dinitrophenol
 Concen: 53.395 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	66.9	54.2	81.2	
154	66.1	184.0	276.0	

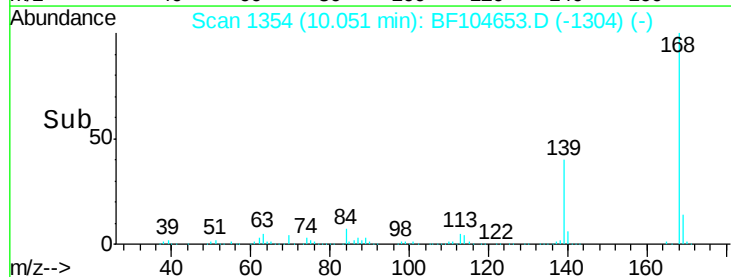
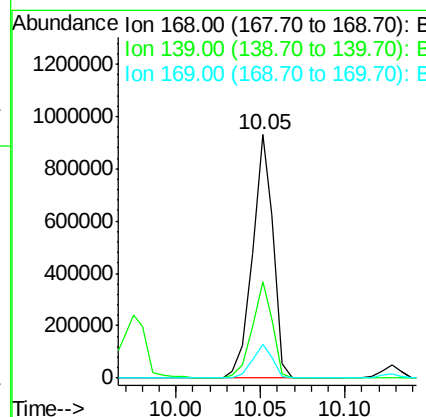
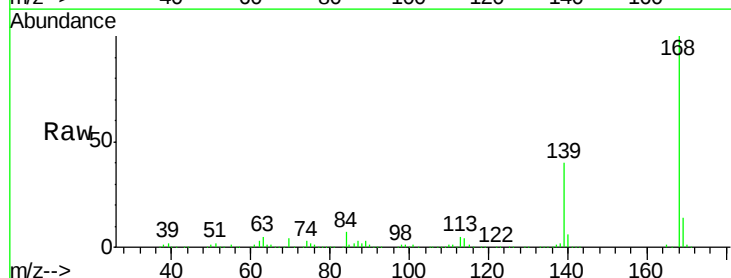
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#54
 Dibenzofuran
 Concen: 37.496 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.5	30.1	45.1	
169	13.8	10.9	16.3	





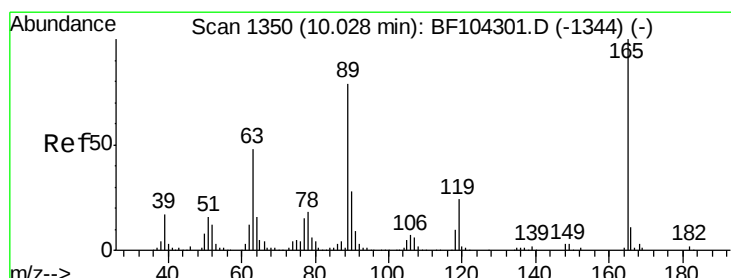
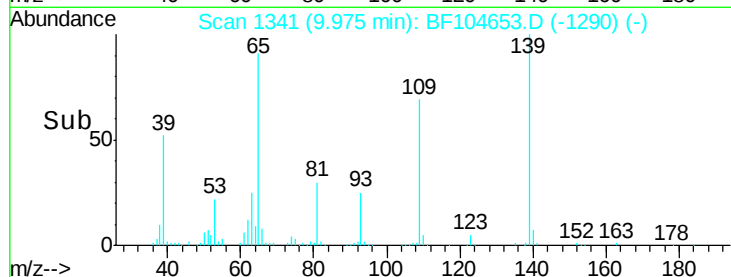
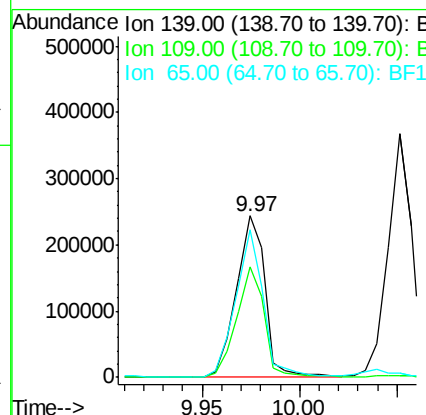
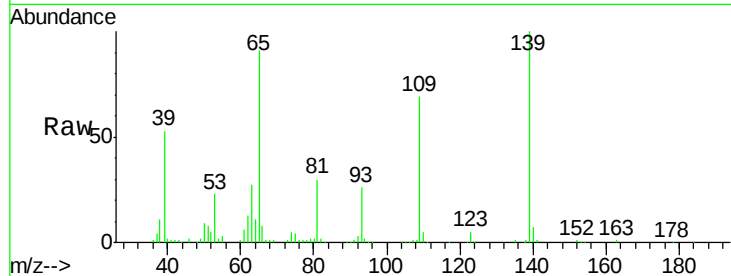
#55
4-Nitrophenol
Concen: 77.986 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.9	48.4	88.4	
65	91.4	72.6	112.6	

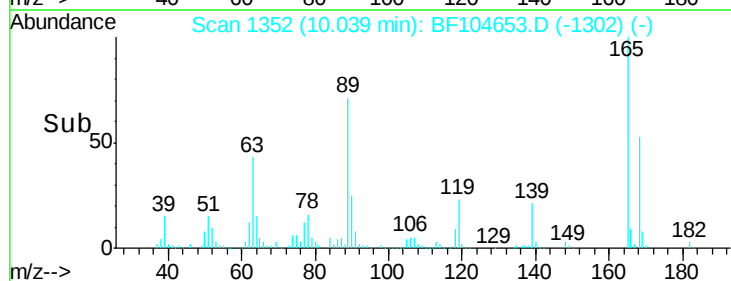
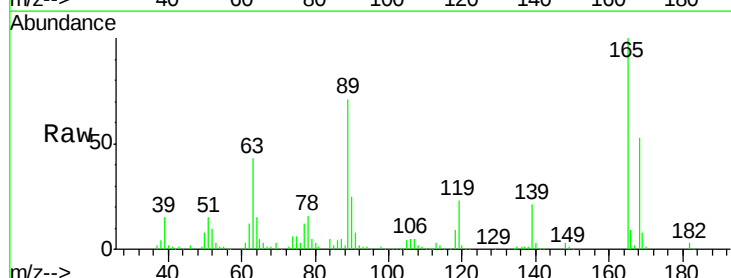
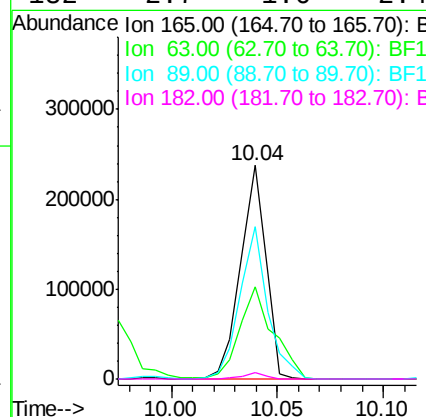
Manual Integrations
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4/25/2018 10:10:40 AM



#56
2,4-Dinitrotoluene
Concen: 42.999 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.0	36.4	54.6	
89	71.2	57.8	86.6	
182	2.7	1.6	2.4	#





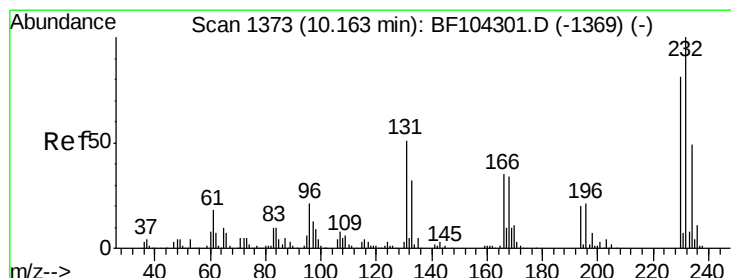
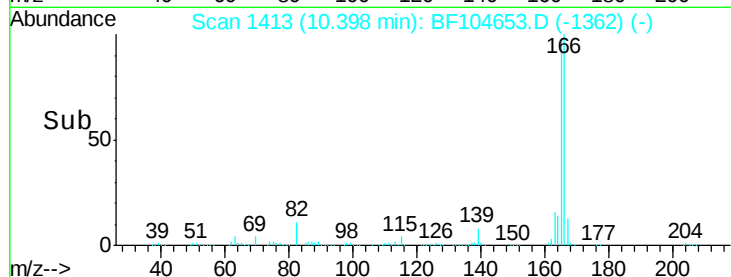
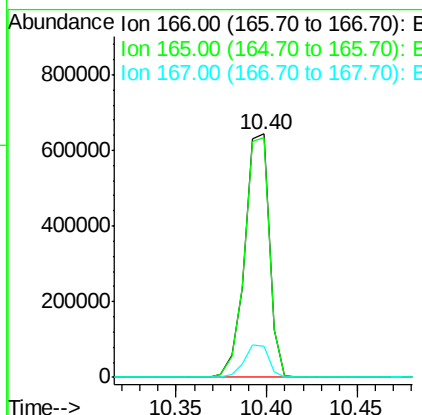
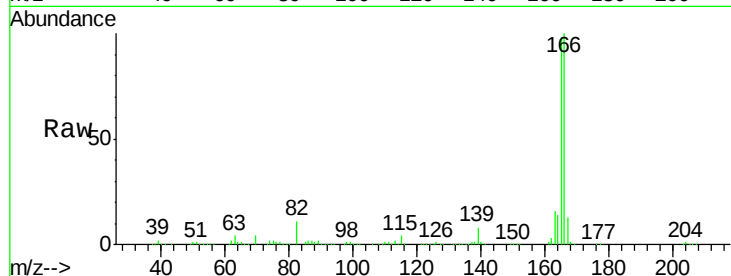
#57
 Fluorene
 Concen: 39.204 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	604388		
165	98.3	79.8	119.8	
167	12.7	10.6	16.0	

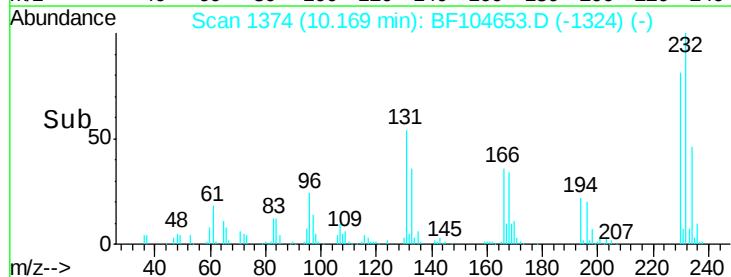
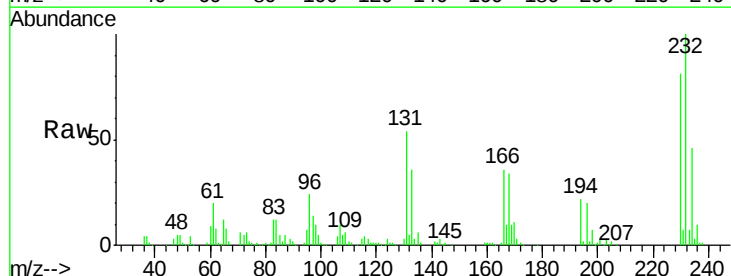
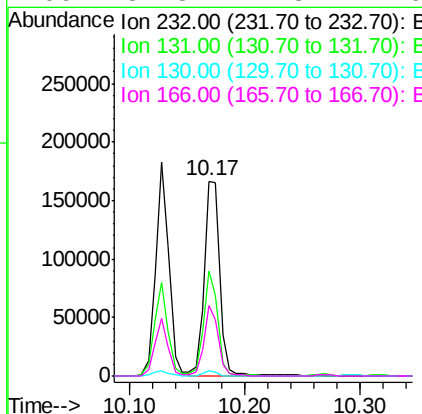
Manual Integrations
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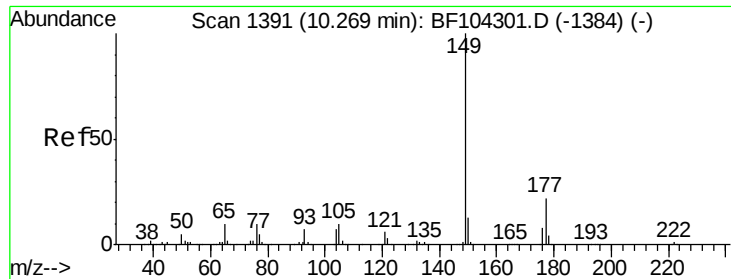
Sohil
 4/25/2018 10:10:40 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.111 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	159212		
131	48.6	43.8	65.8	
130	2.3	2.1	3.1	
166	32.3	27.8	41.6	





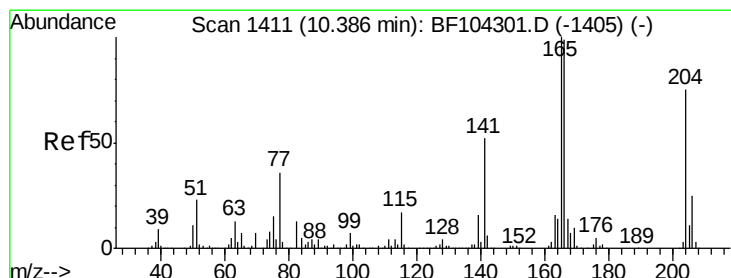
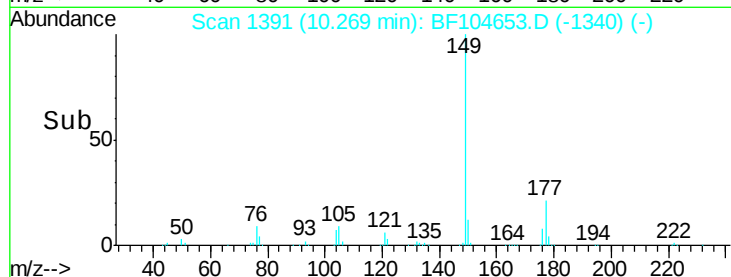
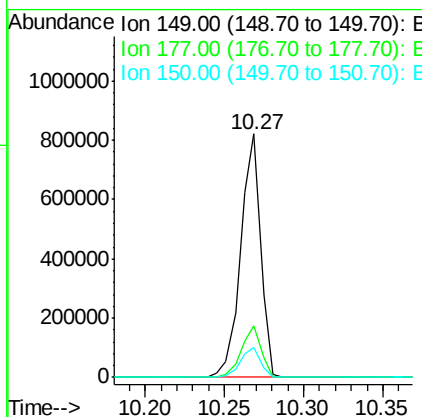
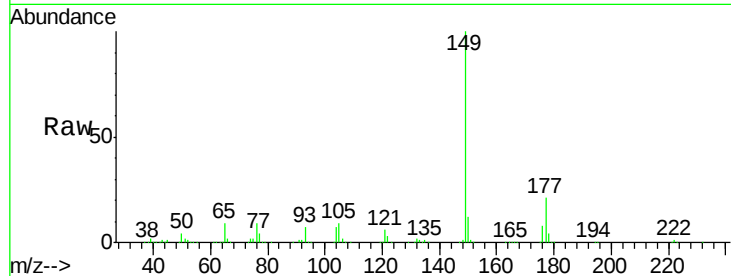
#59
Diethylphthalate
Concen: 38.066 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampled :
PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	715291		
177	21.3	16.1	24.1	
150	12.2	10.1	15.1	

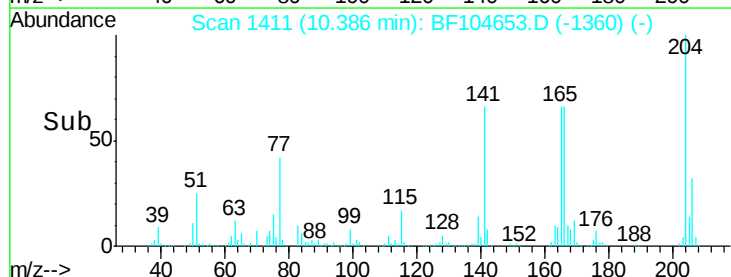
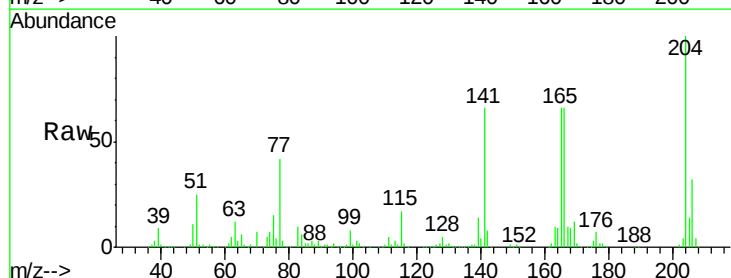
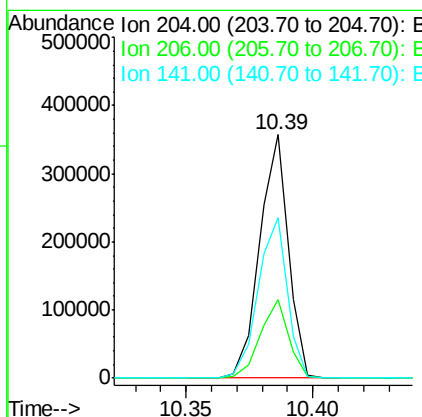
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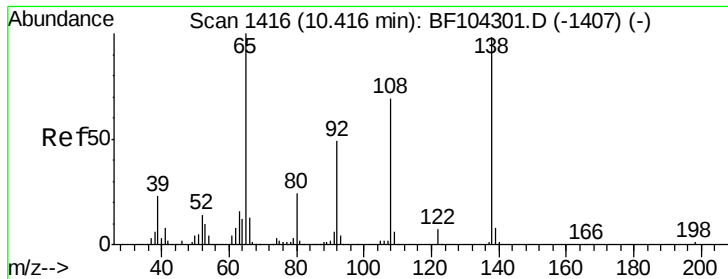
Sohil
4/25/2018 10:10:40 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.288 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	283469		
206	32.3	26.5	39.7	
141	65.7	54.6	81.8	





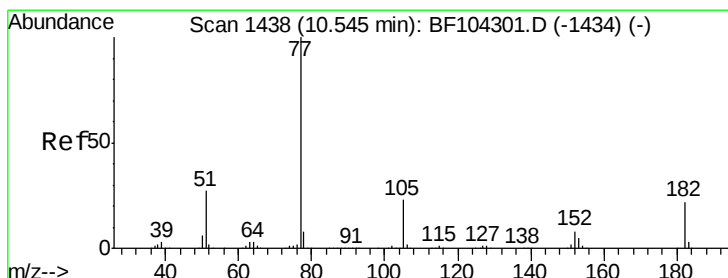
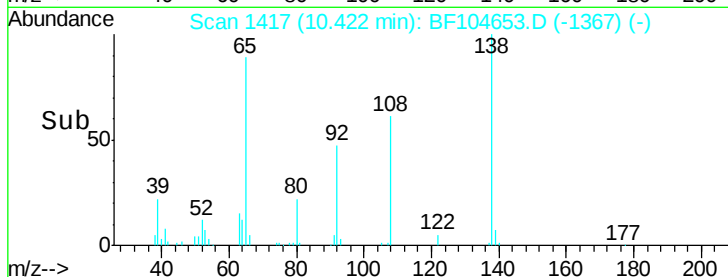
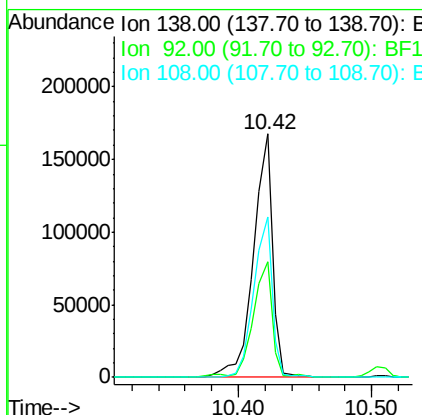
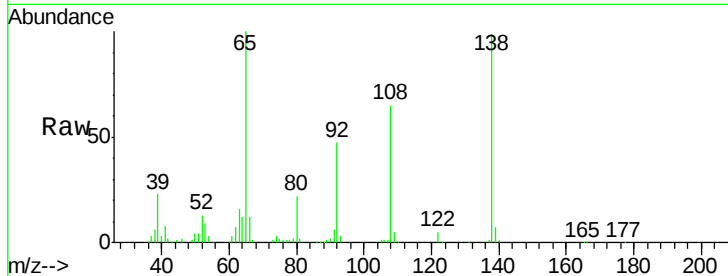
#61
4-Nitroaniline
Concen: 40.930 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	163573		
92	47.5	30.2	70.2	
108	65.9	52.5	92.5	

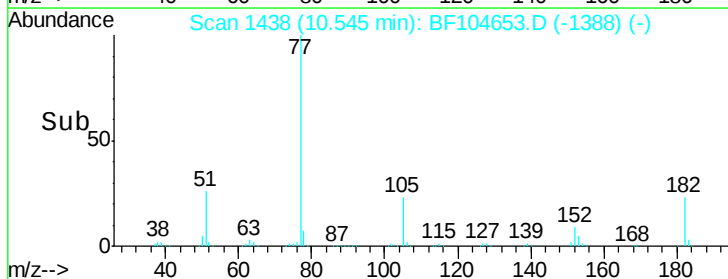
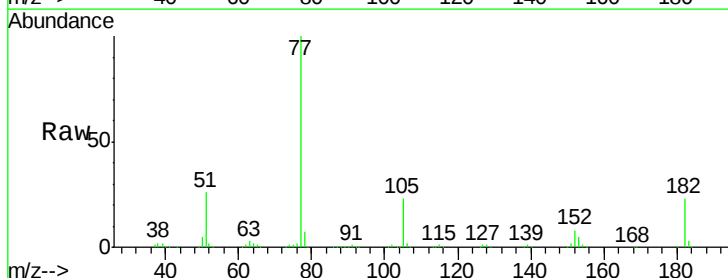
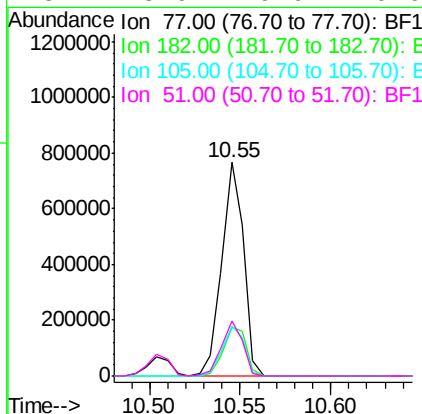
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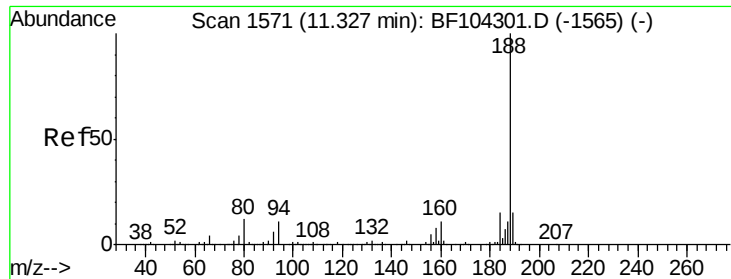
Sohil
4/25/2018 10:10:40 AM



#62
Azobenzene
Concen: 35.749 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	641785		
182	22.8	1.7	41.7	
105	23.1	3.0	43.0	
51	25.9	9.9	49.9	





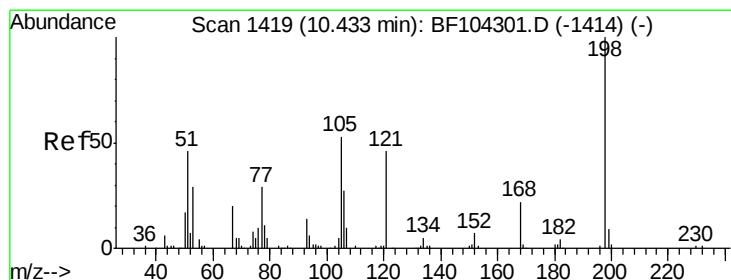
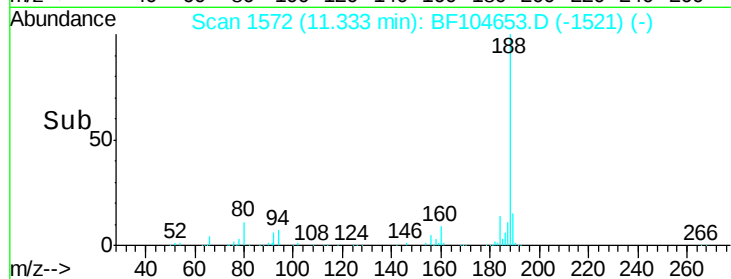
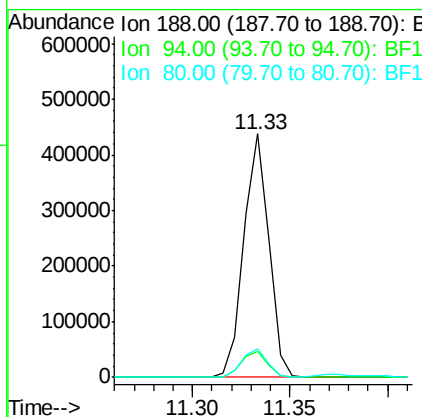
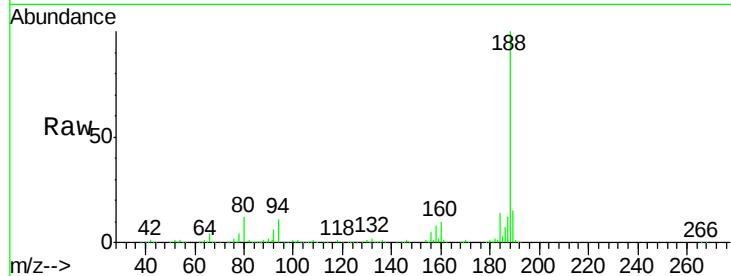
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	8.5	12.7
80	11.6	9.2	13.8

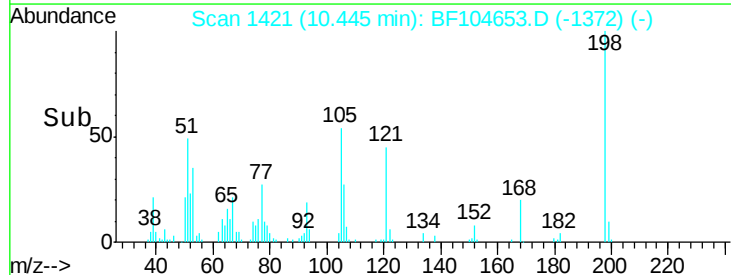
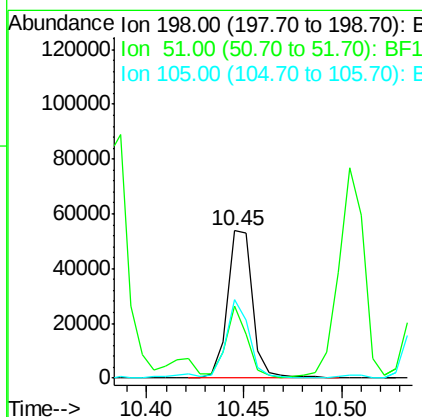
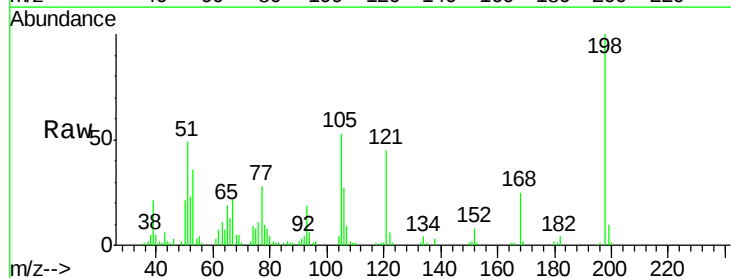
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.815 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	48.6	37.7	77.7
105	53.0	36.3	76.3





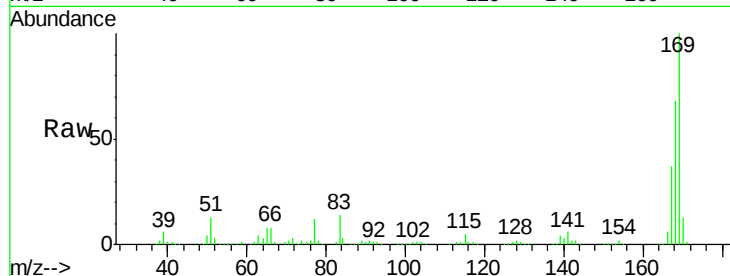
#65
 n-Nitrosodiphenylamine
 Concen: 41.426 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	560029		
168	68.2		54.4	81.6
167	37.2		29.8	44.6

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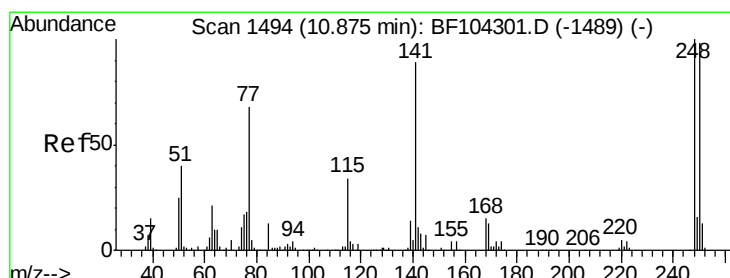
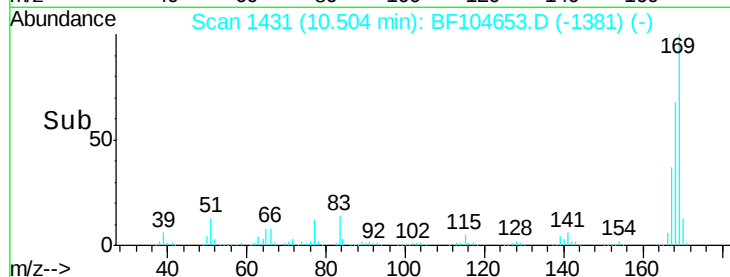
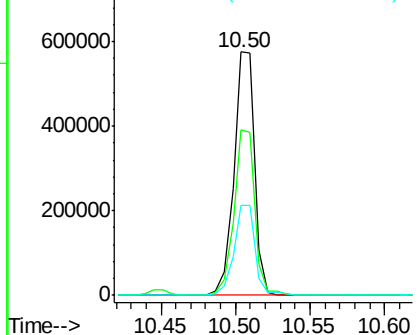


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 42.202 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

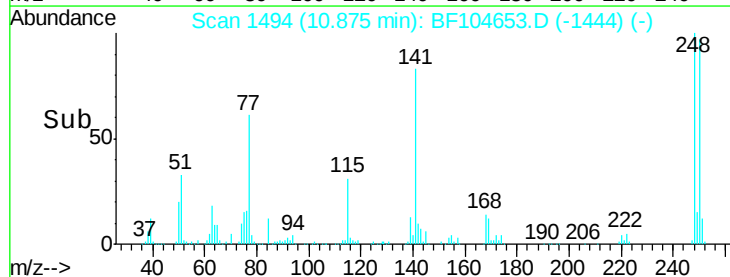
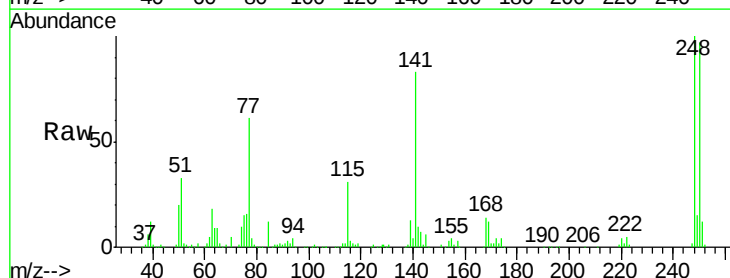
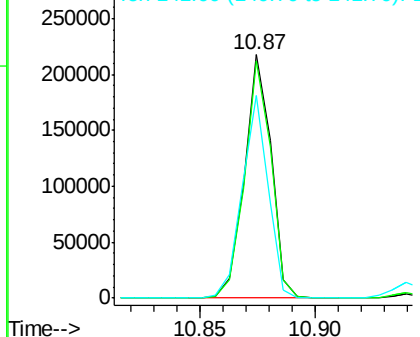
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	175022		
250	97.4		76.9	115.3
141	83.4		74.4	111.6

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





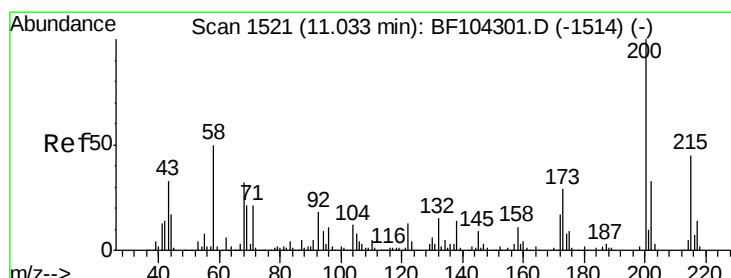
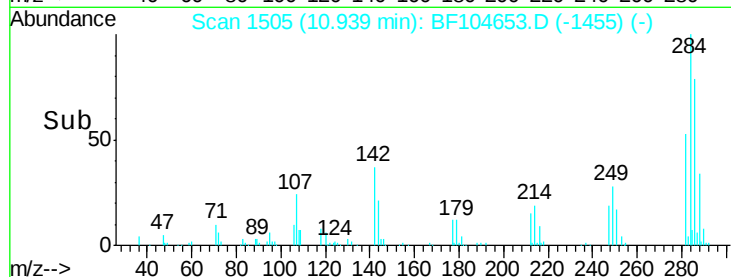
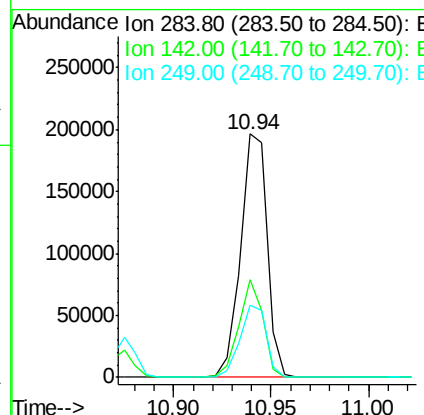
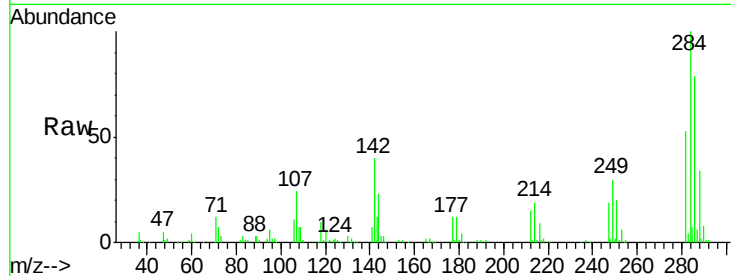
#67
Hexachlorobenzene
Concen: 39.694 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	185230		
142	40.0	34.6	52.0	
249	29.7	24.8	37.2	

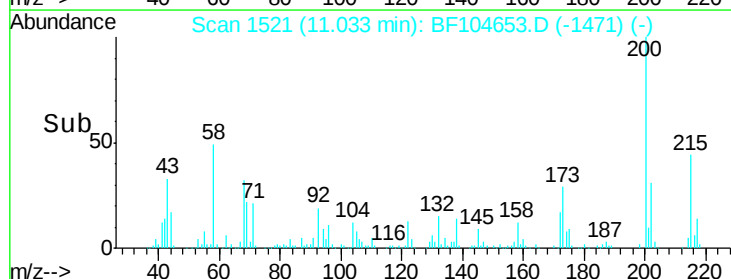
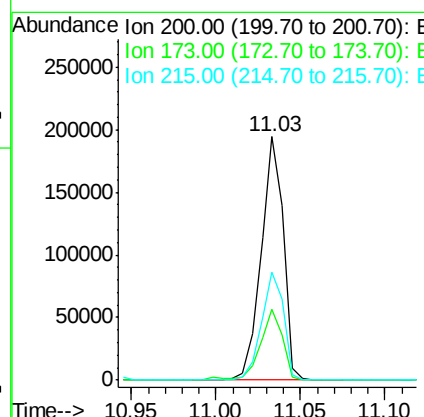
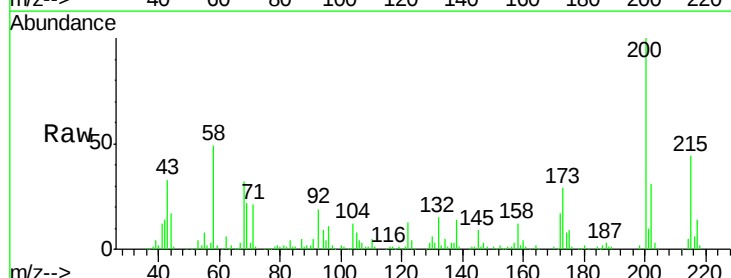
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#68
Atrazine
Concen: 43.598 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	177903		
173	29.0	8.6	48.6	
215	44.5	25.1	65.1	





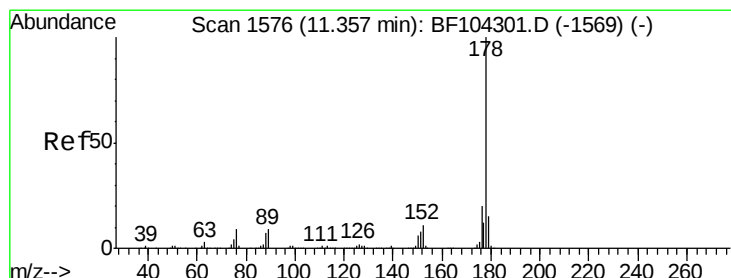
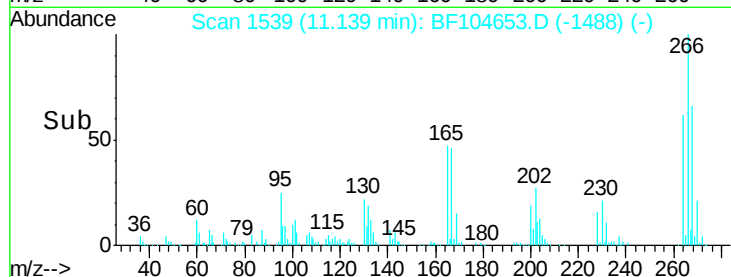
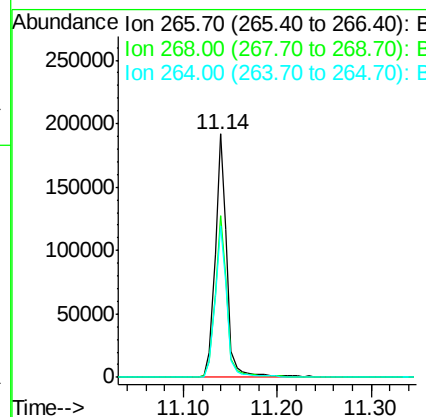
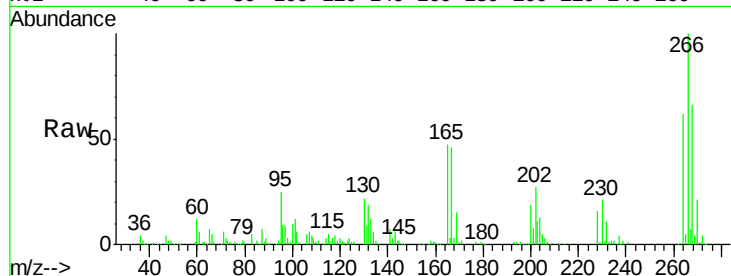
#69
 Pentachlorophenol
 Concen: 58.871 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	169956		
268	66.3	51.1	76.7	
264	62.2	49.5	74.3	

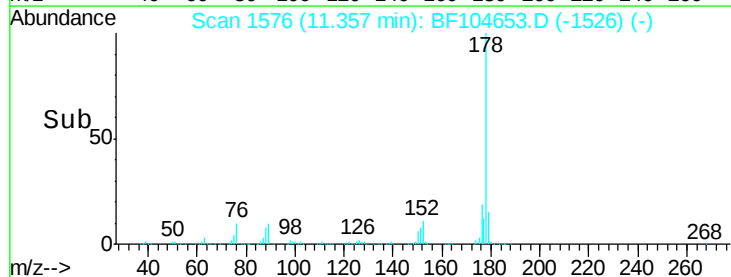
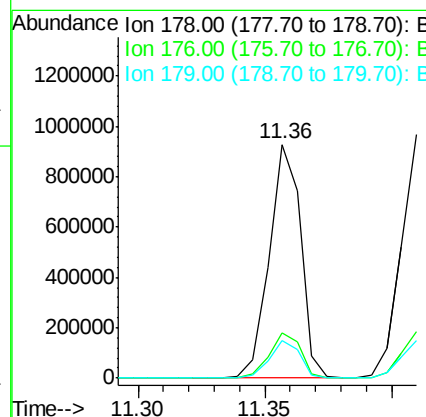
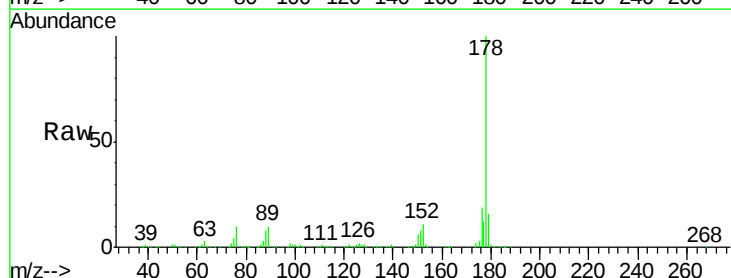
Manual Integrations
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 4/25/2018 10:10:40 AM



#70
 Phenanthrene
 Concen: 37.257 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	808954		
176	19.5	15.8	23.8	
179	15.8	13.0	19.6	





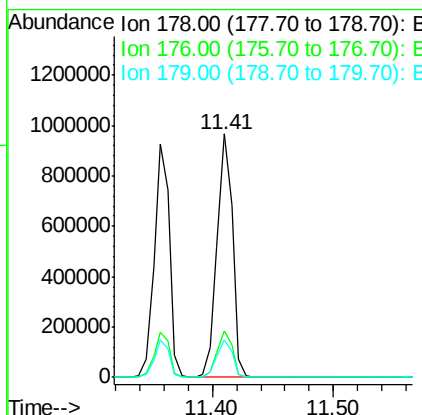
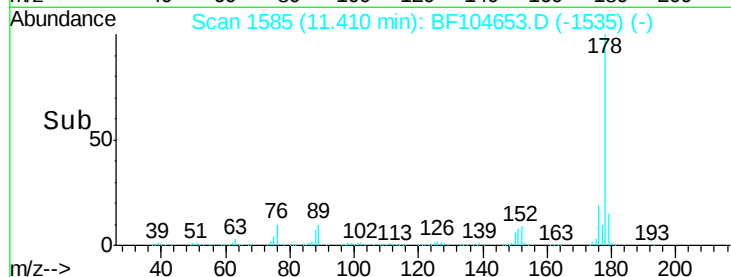
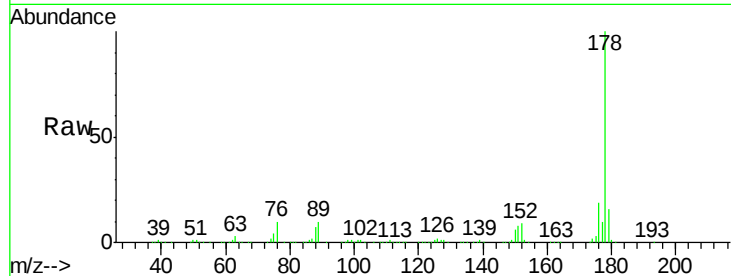
#71
 Anthracene
 Concen: 38.403 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0

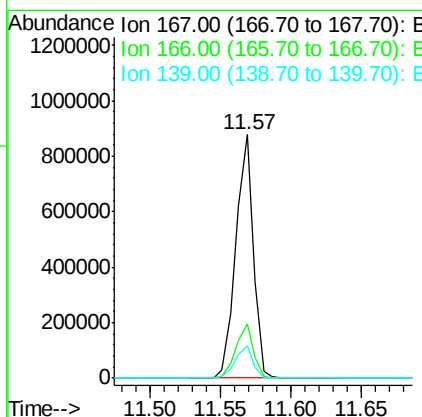
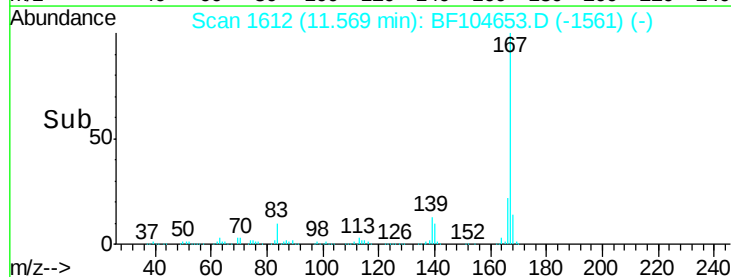
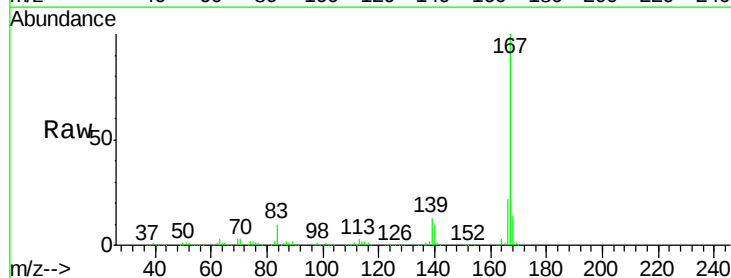
Manual Integrations
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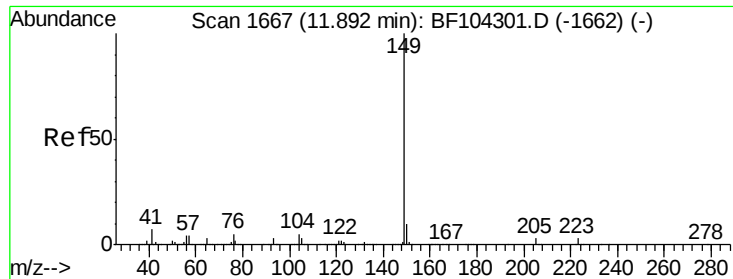
Sohil
 4/25/2018 10:10:40 AM



#72
 Carbazole
 Concen: 35.167 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.357 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

ClientSampleId :

PB108376BS

Tot Ion:149 Resp: 1036896

Ion Ratio Lower Upper

149 100

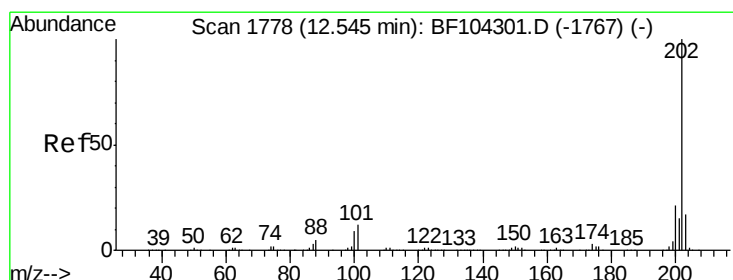
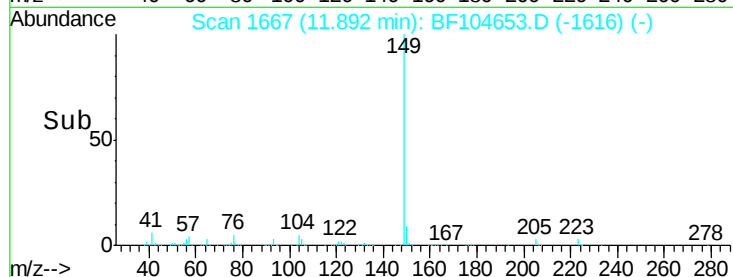
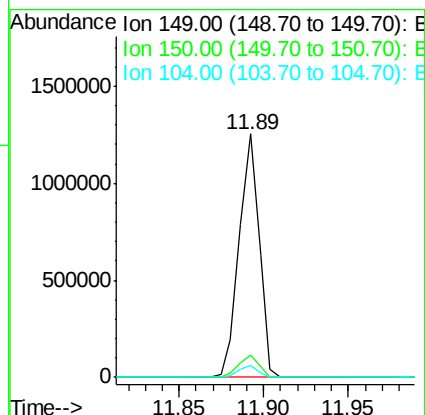
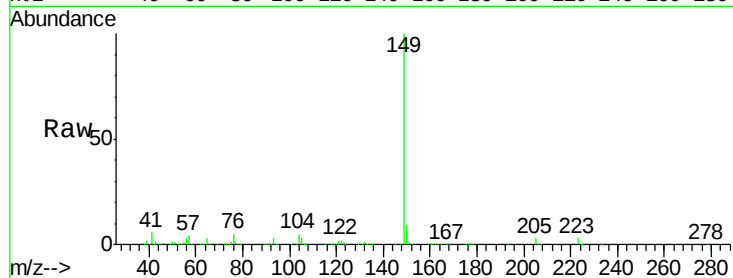
150 9.2 7.8 11.6

104 5.0 3.8 5.8

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#74

Fluoranthene

Concen: 33.552 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

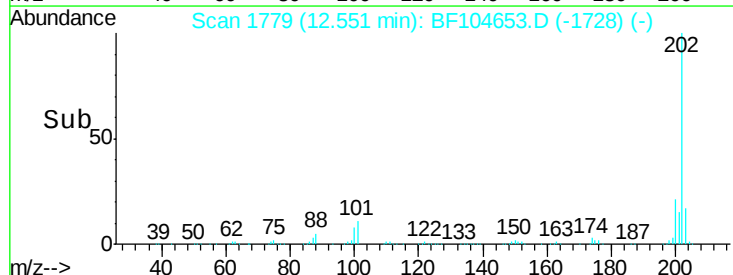
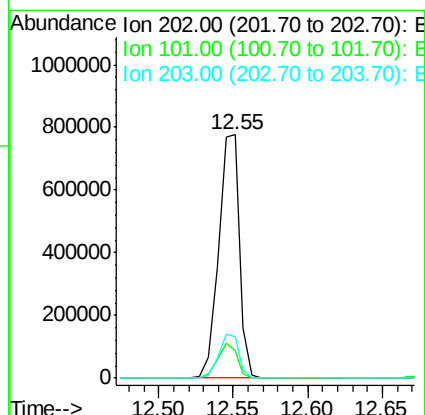
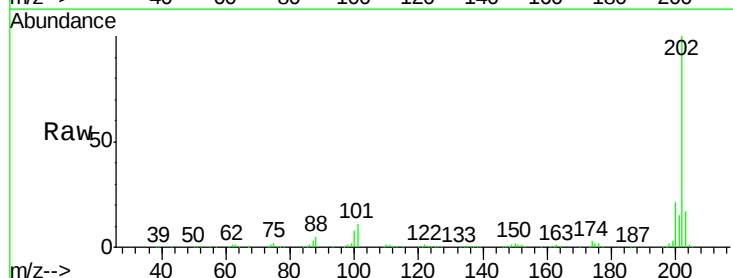
Tgt Ion:202 Resp: 761151

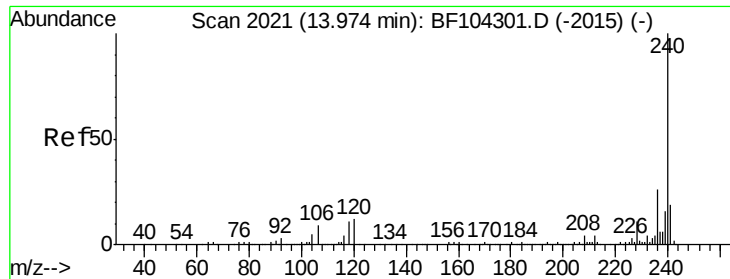
Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

203 16.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

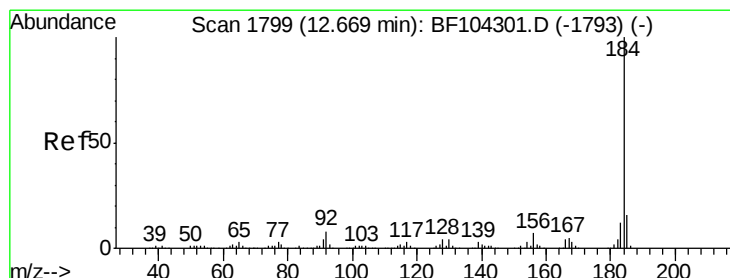
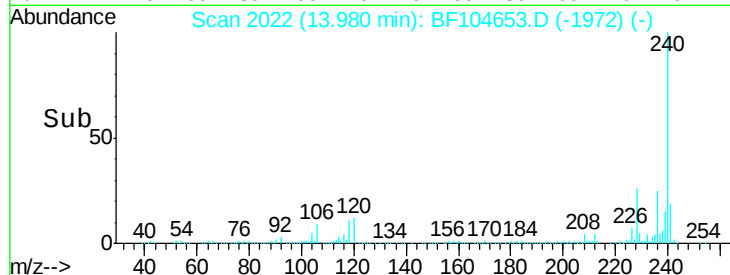
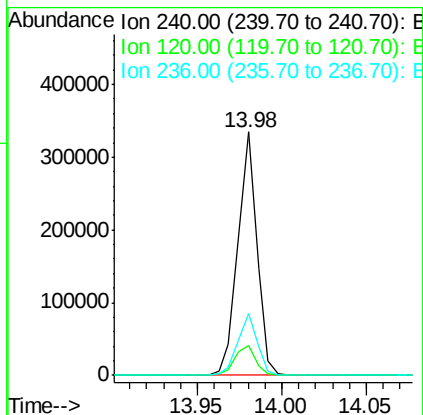
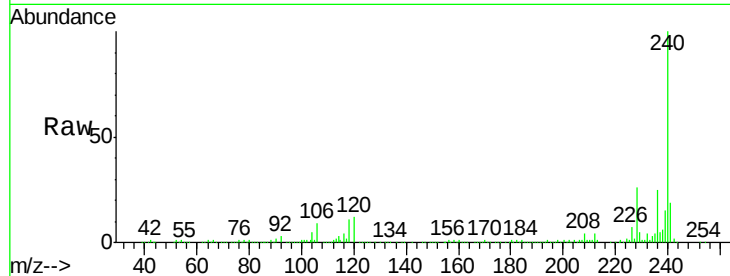
ClientSampleId :

PB108376BS

Tot Ion:	240	Resp:	264281
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	25.2	20.7	31.1

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#76

Benzidine

Concen: 110.555 ng m

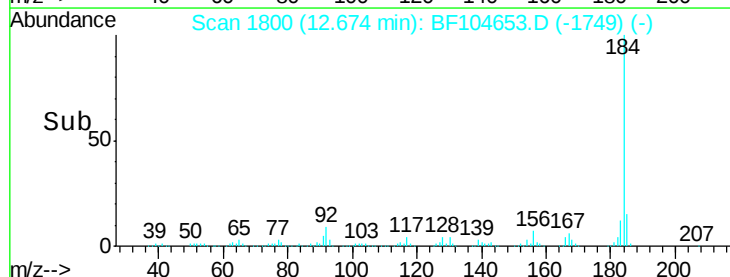
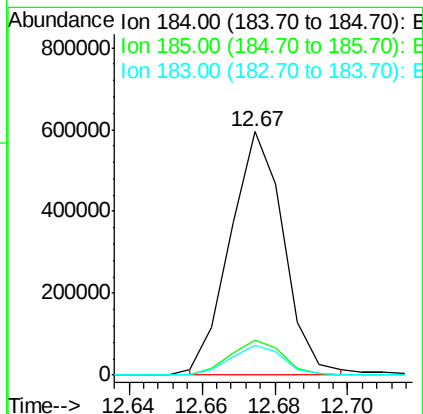
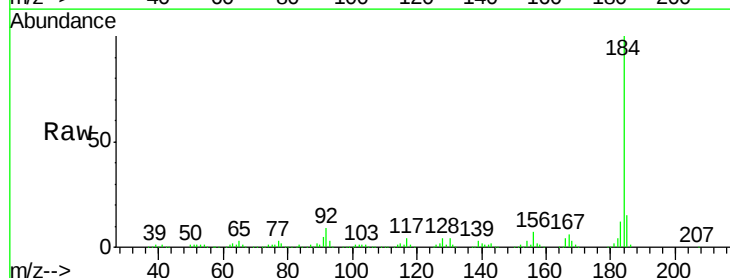
RT: 12.67 min Scan# 1800

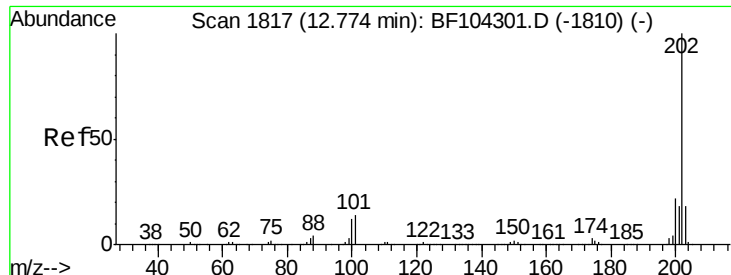
Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Tgt Ion:	184	Resp:	607912
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	12.1	9.3	13.9





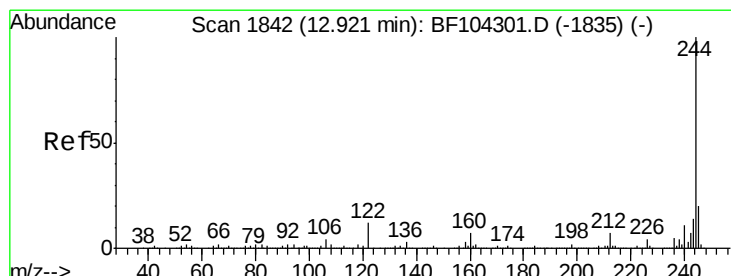
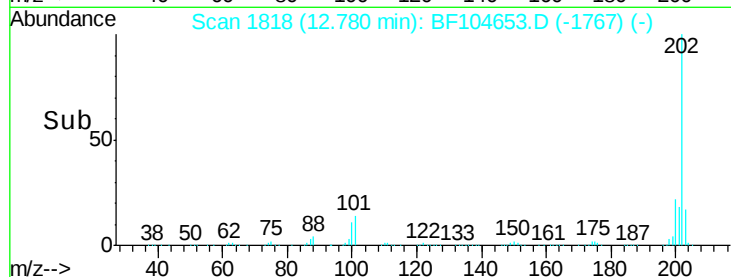
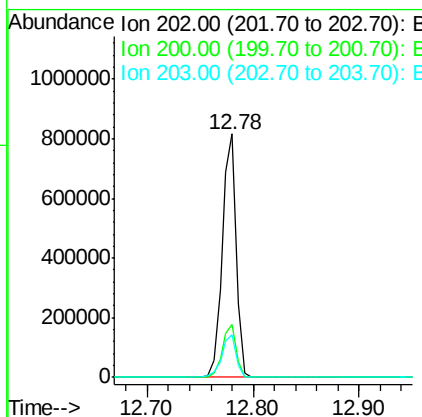
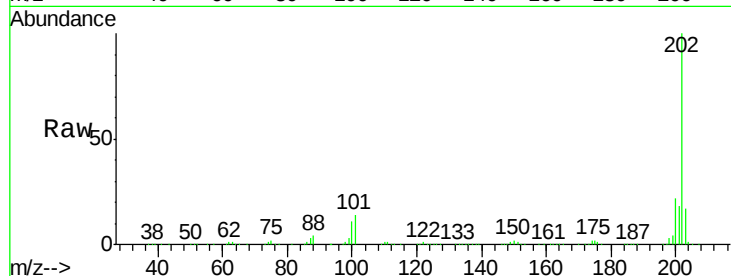
#77
Pvrene
Concen: 38.544 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.5	14.3	21.5

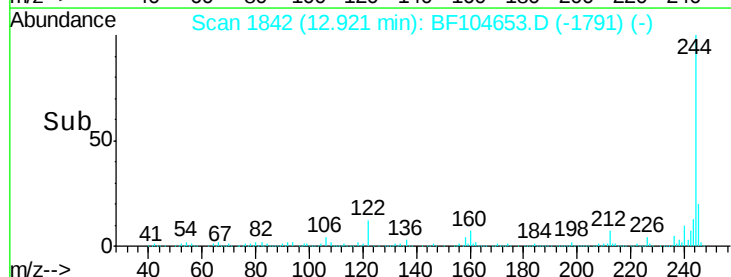
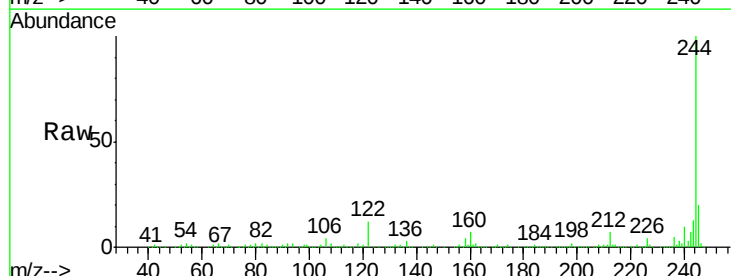
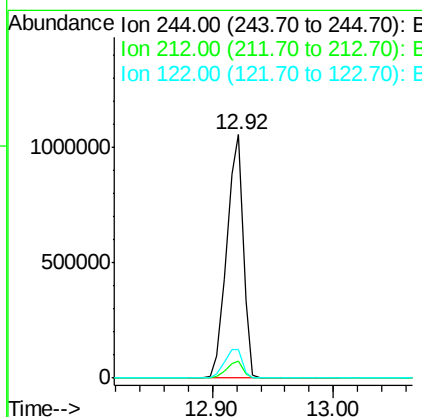
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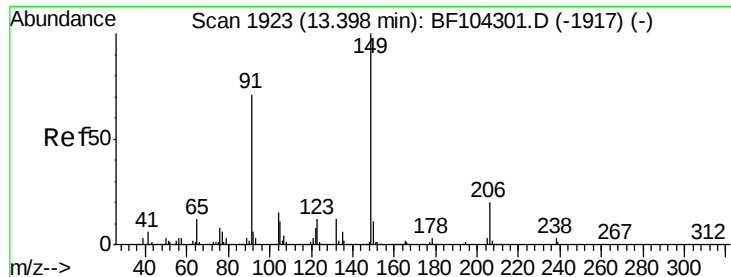
Sohil
4/25/2018 10:10:40 AM



#78
Terphenyl-d14
Concen: 86.197 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4





#79

Butylbenzylphthalate

Concen: 40.223 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

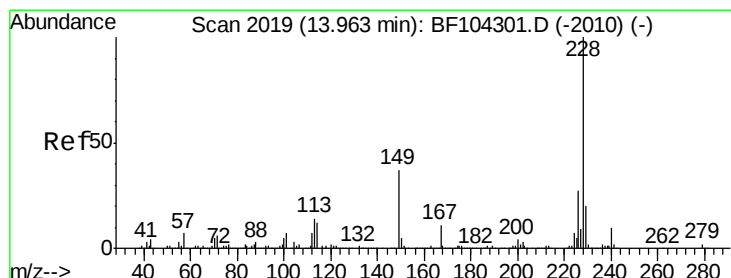
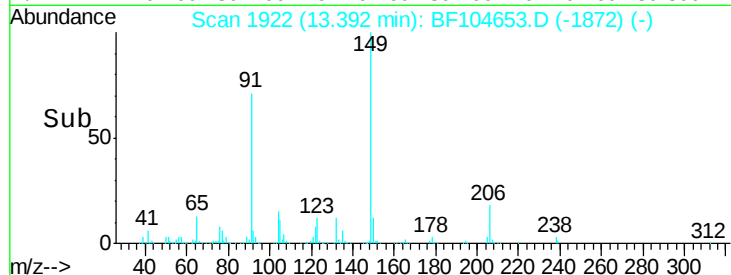
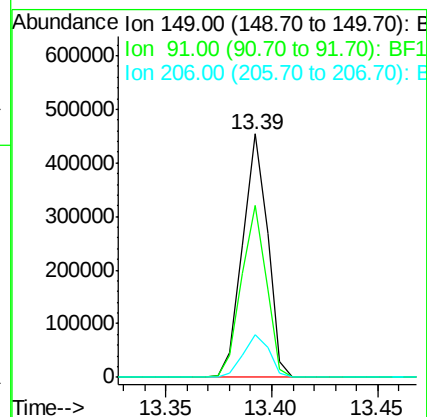
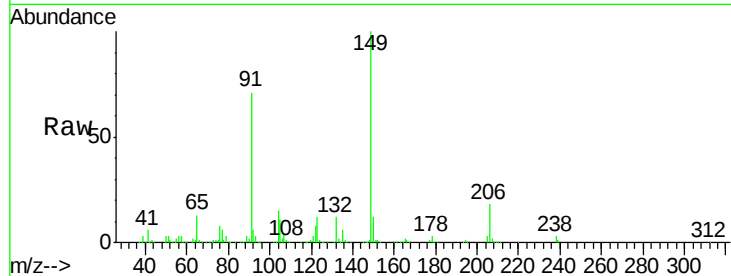
ClientSampleId :

PB108376BS

Tot Ion:	149	Resp:	371208
Ion Ratio	Lower	Upper	
149	100		
91	70.8	56.8	85.2
206	17.7	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 41.237 ng

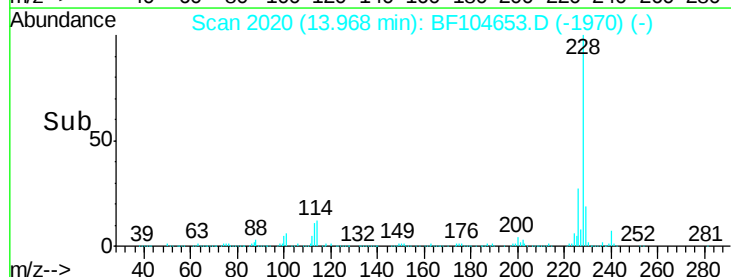
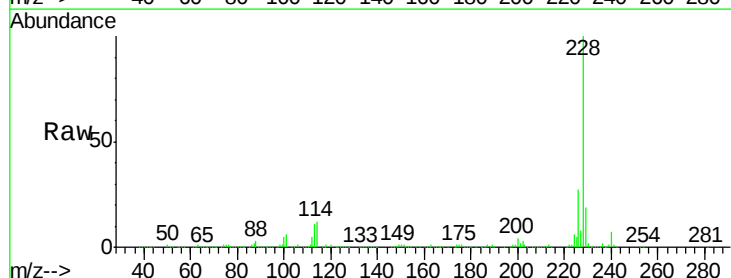
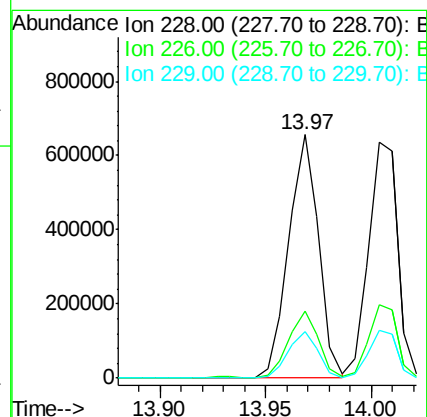
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Tgt Ion:	228	Resp:	651068
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.4	15.8	23.6





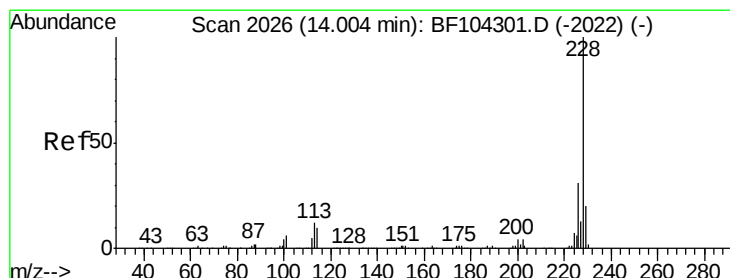
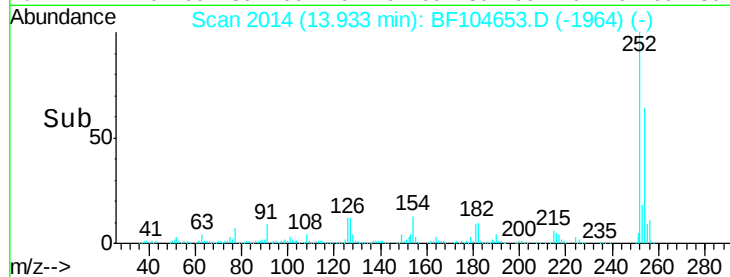
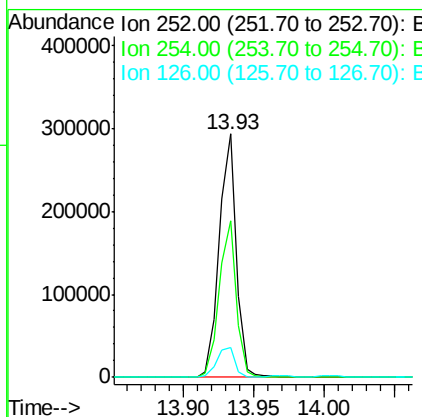
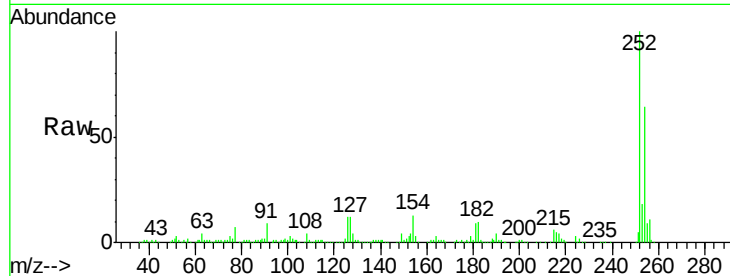
#81
 3,3'-Dichlorobenzidine
 Concen: 42.199 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.5	11.3	16.9

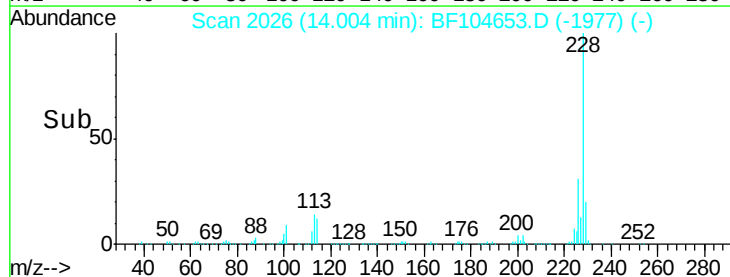
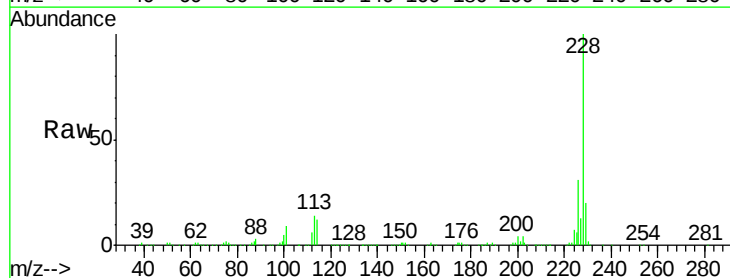
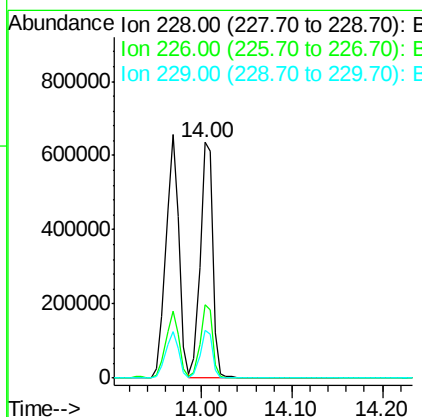
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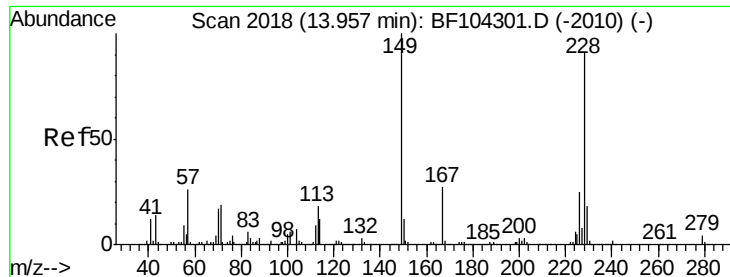
Sohil
 4/25/2018 10:10:40 AM



#82
 Chrysene
 Concen: 38.200 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.155 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Instrument :

BNA_F

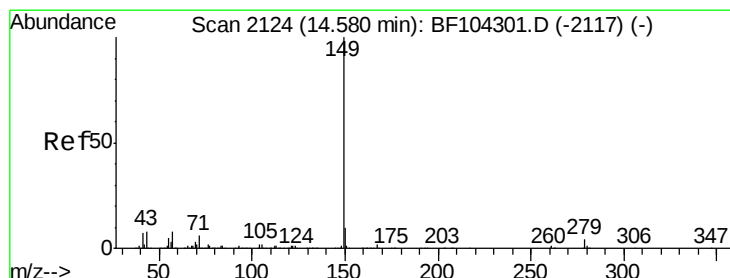
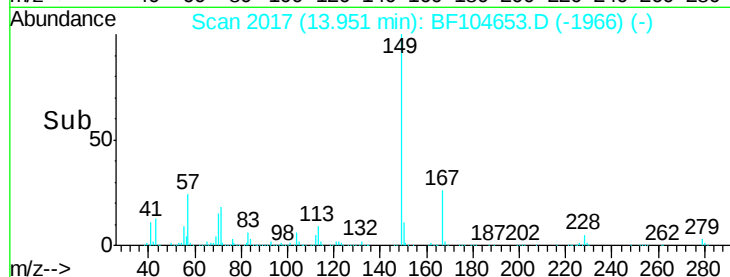
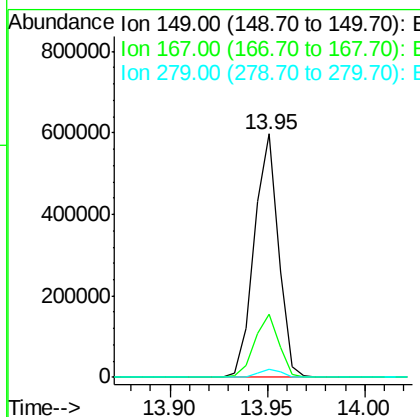
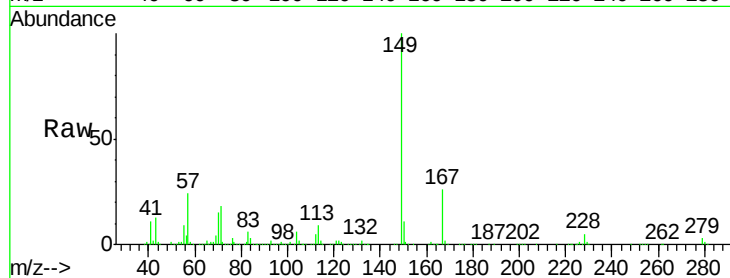
ClientSampleId :

PB108376BS

Tot Ion:	149	Resp:	512275
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	3.3	3.0	4.4

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4/25/2018 10:10:40 AM



#84

Di-n-octyl phthalate

Concen: 41.057 ng

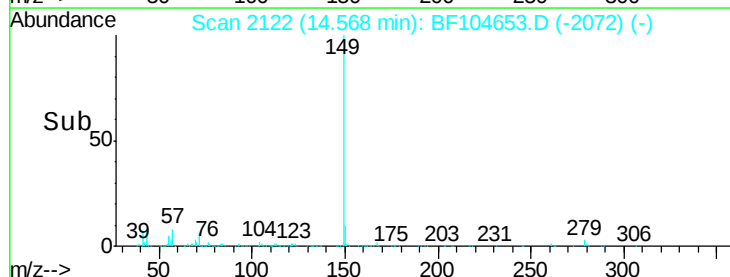
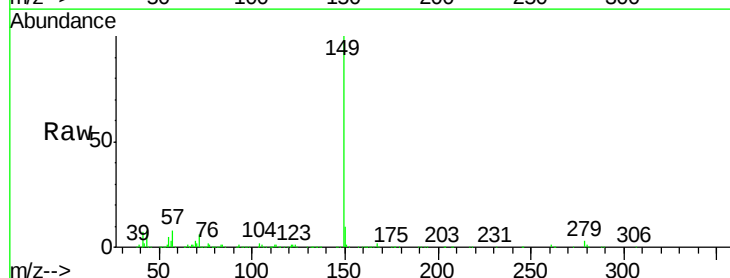
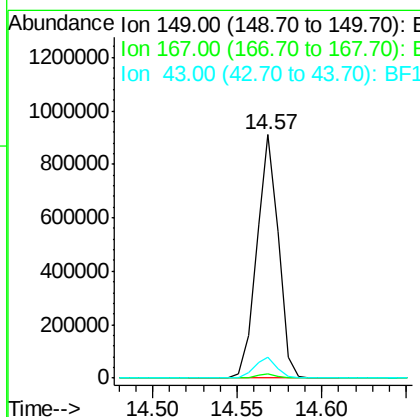
RT: 14.57 min Scan# 2122

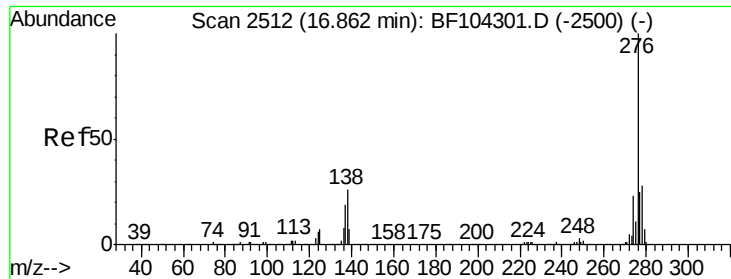
Delta R.T. -0.01 min

Lab File: BF104653.D

Acq: 20 Apr 2018 2:28

Tgt Ion:	149	Resp:	814356
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#





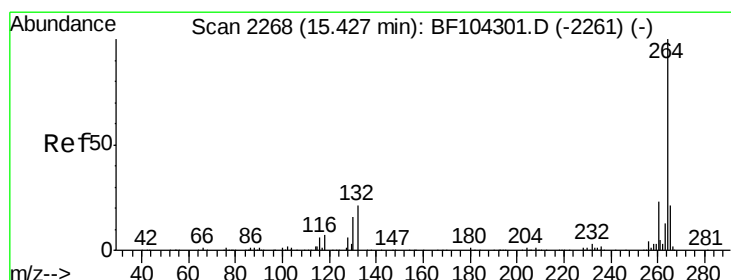
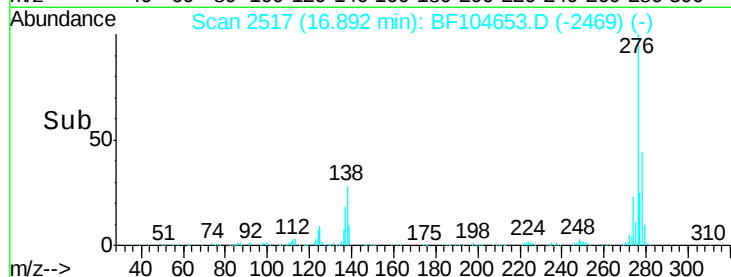
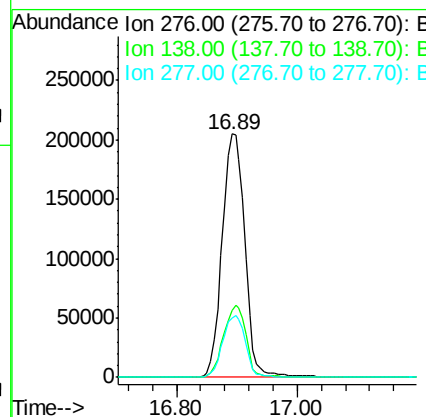
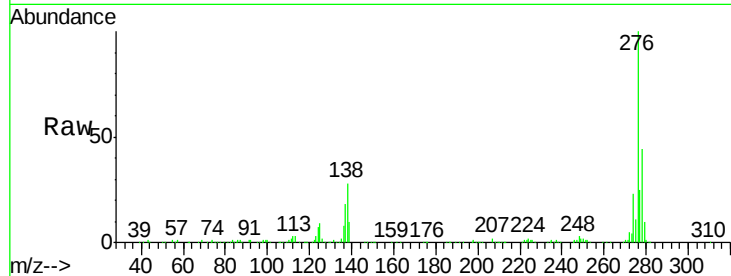
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.847 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	25.6	20.1	30.1

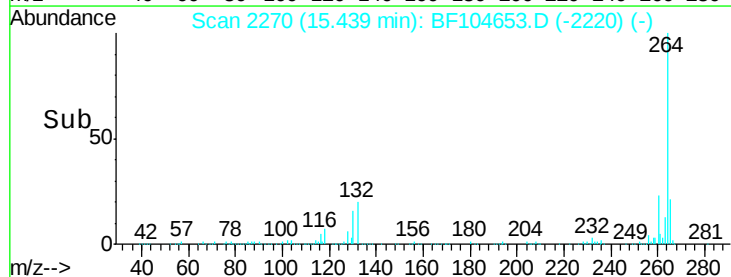
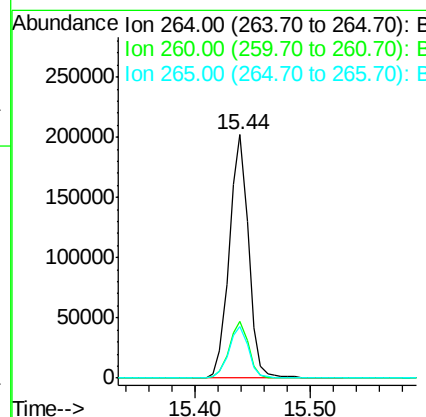
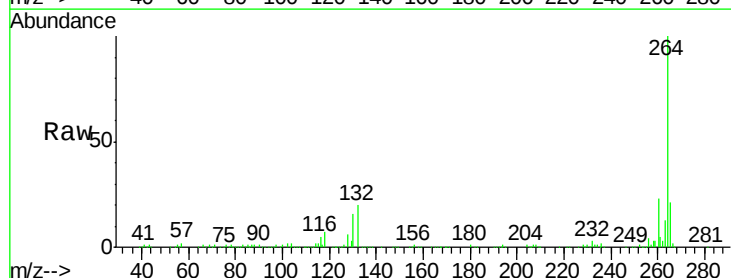
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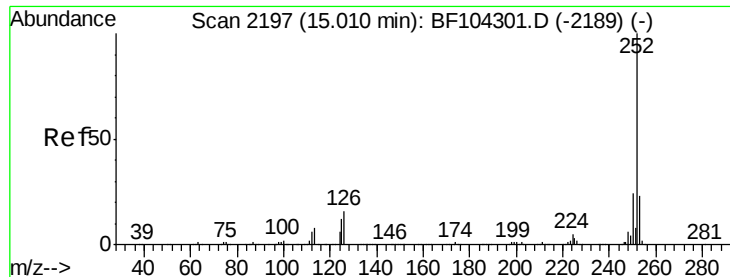
Sohil
4/25/2018 10:10:40 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3





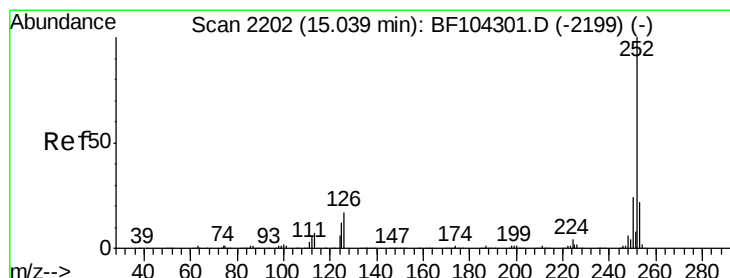
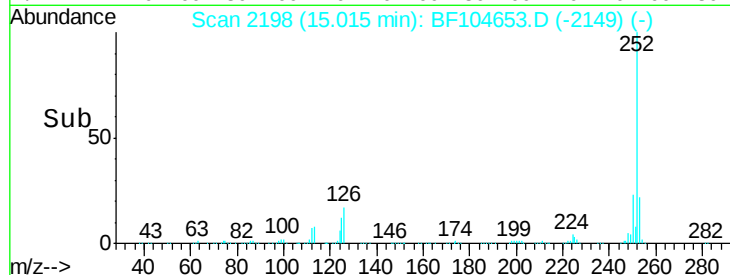
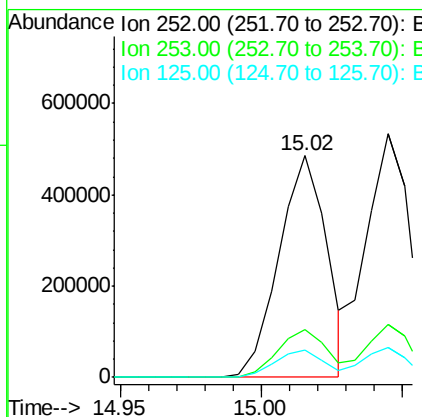
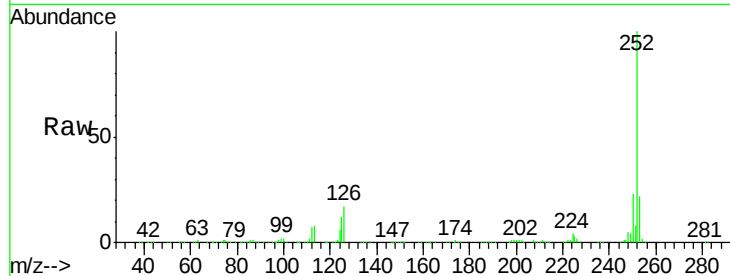
#87
Benzo(b)fluoranthene
Concen: 38.800 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.2	9.0	13.6

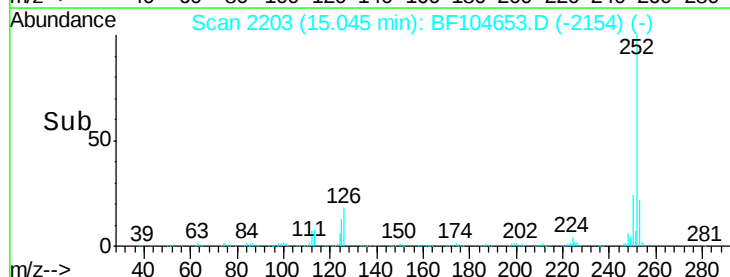
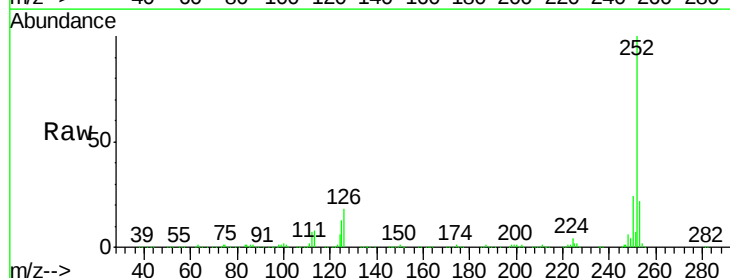
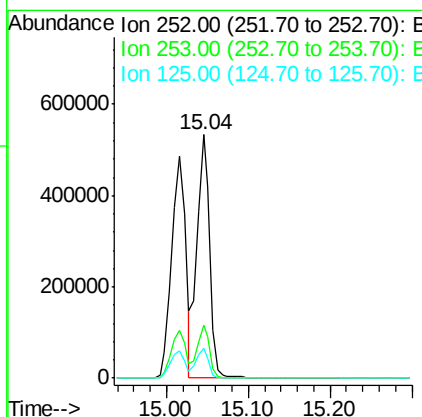
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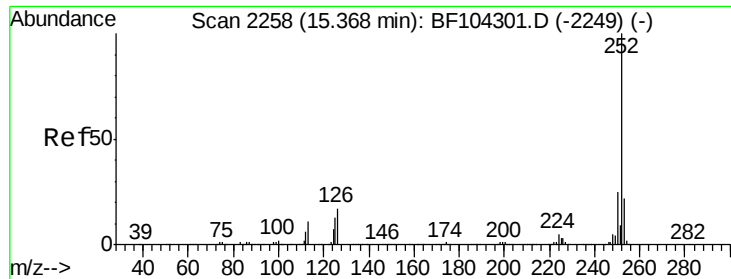
Sohil
4/25/2018 10:10:40 AM



#88
Benzo(k)fluoranthene
Concen: 41.695 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.5	10.2	15.2





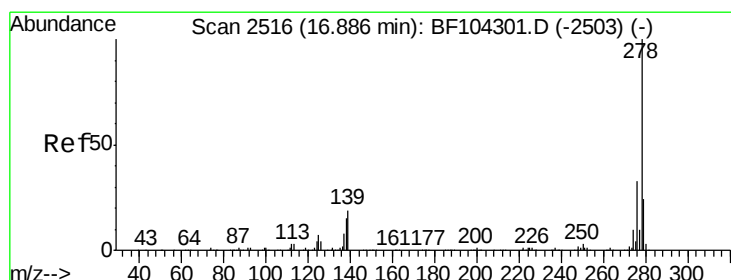
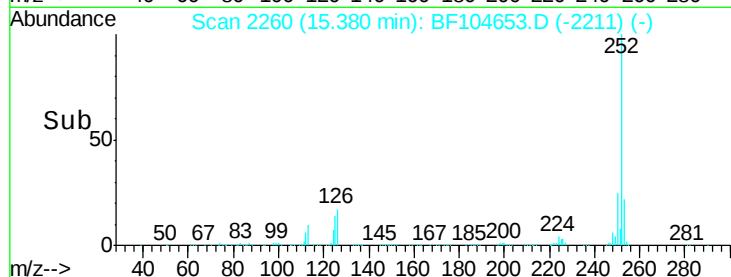
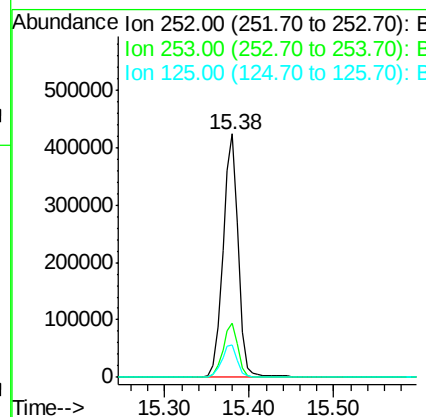
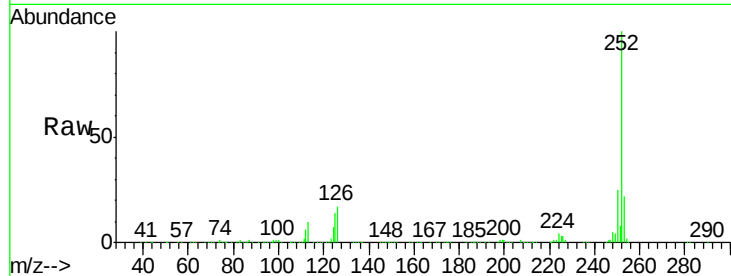
#89
Benzo(a)pyrene
Concen: 40.502 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PB108376BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.6	9.8	14.6

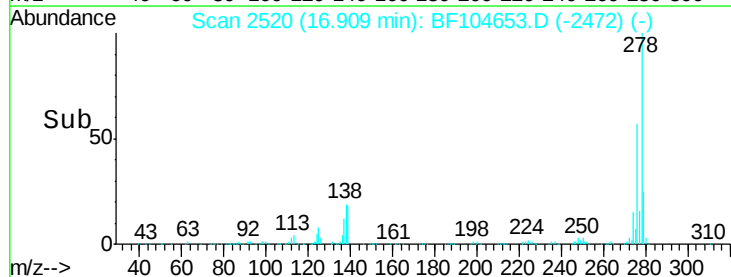
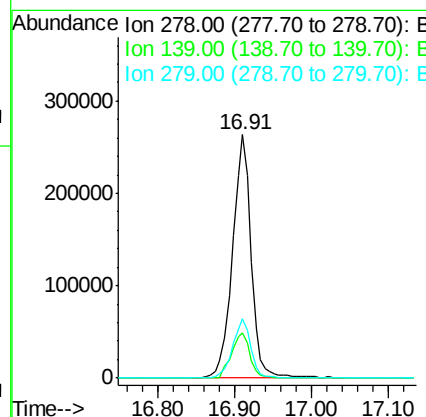
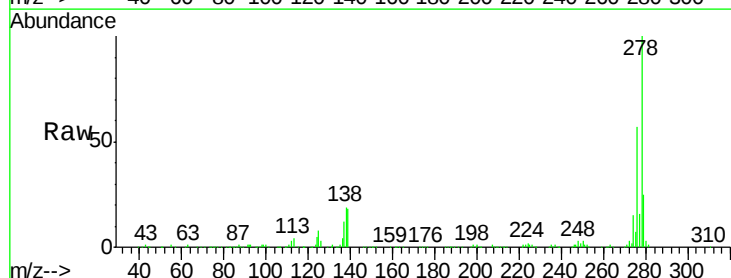
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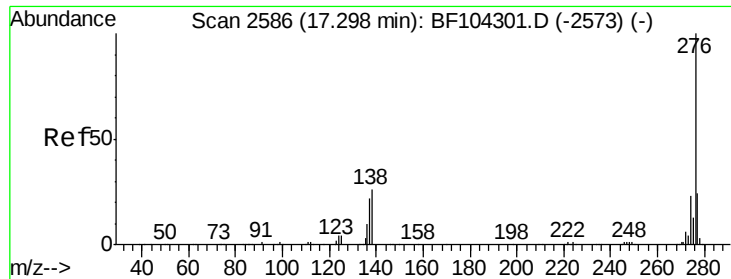
Sohil
4/25/2018 10:10:40 AM



#90
Dibenzo(a,h)anthracene
Concen: 41.164 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104653.D
Acq: 20 Apr 2018 2:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.9	23.9
279	24.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.731 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.02 min
 Lab File: BF104653.D
 Acq: 20 Apr 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	427958		
277	23.4		17.9	26.9
138	25.7		21.8	32.8

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Sohil
 4/25/2018 10:10:40 AM

