

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102930.D
 Acq On : 12 Feb 2018 19:38
 Operator : SJ/JU
 Sample : PB106454BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:26:00 AM

Quant Time: Feb 13 08:35:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	178122	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	723936	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	282818	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	386025	20.00	ng	0.00
75) Chrysene-d12	14.06	240	299879	20.00	ng	0.00
86) Perylene-d12	15.54	264	272787	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1095532	93.40	ng	0.02
7) Phenol-d6	6.52	99	1294552	91.67	ng	0.01
23) Nitrobenzene-d5	7.45	82	845910	81.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	190860	83.84	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1287834	75.56	ng	0.00
78) Terphenyl-d14	13.00	244	836067	66.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	167235	28.868	ng	86
3) Pyridine	3.59	79	36833m	2.301	ng	
4) n-Nitrosodimethylamine	3.43	42	246796	36.039	ng	93
6) Aniline	6.55	93	133958	6.423	ng	91
8) 2-Chlorophenol	6.67	128	405480	33.580	ng	97
9) Benzaldehyde	6.43	77	118663	11.315	ng	97
10) Phenol	6.53	94	504188	33.313	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	414576	32.919	ng	91
12) 1,3-Dichlorobenzene	6.83	146	432813	30.953	ng	98
13) 1,4-Dichlorobenzene	6.90	146	431918	31.009	ng	98
14) 1,2-Dichlorobenzene	7.06	146	403713	31.118	ng	100
15) Benzyl Alcohol	7.03	79	367991	33.892	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	735646	30.750	ng	98
17) 2-Methylphenol	7.13	107	341922	30.699	ng	98
18) Hexachloroethane	7.40	117	141462	29.617	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	285137	30.623	ng	96
20) 3+4-Methylphenols	7.29	107	403179	29.354	ng	# 83
22) Acetophenone	7.29	105	552283	31.175	ng	# 87
24) Nitrobenzene	7.47	77	451843	36.795	ng	98
25) Isophorone	7.70	82	817873	34.035	ng	97
26) 2-Nitrophenol	7.79	139	195190	40.383	ng	99
27) 2,4-Dimethylphenol	7.82	122	344644	33.948	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	524575	36.851	ng	99
29) 2,4-Dichlorophenol	8.03	162	310135	33.604	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	321712	30.814	ng	99
31) Naphthalene	8.19	128	1123863	31.774	ng	100
32) Benzoic acid	7.87	122	27610	12.214	ng	94
33) 4-Chloroaniline	8.24	127	162509	10.665	ng	98
34) Hexachlorobutadiene	8.30	225	168055	31.412	ng	98
35) Caprolactam	8.59	113	60473	18.868	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	333206	32.133	ng	99
37) 2-Methylnaphthalene	8.88	142	730443	31.543	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	274768	35.681	ng	99
40) Hexachlorocyclopentadiene	9.03	237	39185	10.704	ng	96

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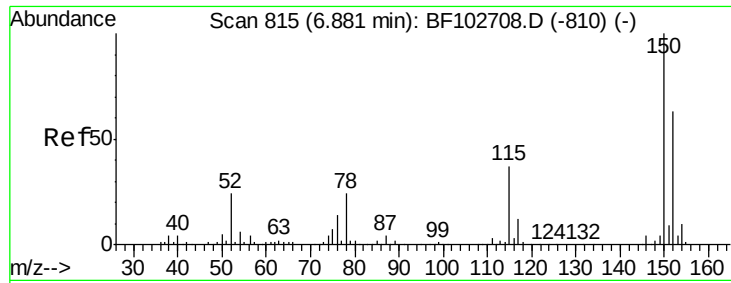
Manual Integrations
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 2/13/2018 11:26:00 AM

Quant Time: Feb 13 08:35:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	175991	34.795	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	180155	31.602	nq	97
45) 1,1'-Biphenyl	9.35	154	823066	34.552	nq	99
46) 2-Chloronaphthalene	9.37	162	628442	33.511	nq	98
47) 2-Nitroaniline	9.47	65	231639	40.605	nq	91
48) Acenaphthylene	9.79	152	919378	31.564	nq	100
49) Dimethylphthalate	9.65	163	825097	37.416	nq	99
50) 2,6-Dinitrotoluene	9.71	165	150975	35.986	nq	98
51) Acenaphthene	9.96	154	532984	30.598	nq	99
52) 3-Nitroaniline	9.87	138	156447	30.306	nq	92
53) 2,4-Dinitrophenol	9.98	184	8985	18.594	nq	# 23
54) Dibenzofuran	10.13	168	801200	32.638	nq	98
55) 4-Nitrophenol	10.03	139	204788	49.869	nq	88
56) 2,4-Dinitrotoluene	10.11	165	181065	33.193	nq	# 90
57) Fluorene	10.47	166	567390	31.768	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	116134	29.392	nq	93
59) Diethylphthalate	10.34	149	701603	32.222	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	268430	33.974	nq	99
61) 4-Nitroaniline	10.49	138	152209	30.977	nq	98
62) Azobenzene	10.62	77	687785	31.619	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	11042	15.031	nq	# 78
65) n-Nitrosodiphenylamine	10.58	169	516050	37.900	nq	98
66) 4-Bromophenyl-phenylether	10.96	248	152836	37.428	nq	92
67) Hexachlorobenzene	11.02	284	145718	32.347	nq	100
68) Atrazine	11.10	200	133549	33.246	nq	97
69) Pentachlorophenol	11.22	266	123117	46.558	nq	97
70) Phenanthrene	11.44	178	699135	32.519	nq	98
71) Anthracene	11.49	178	707644	32.362	nq	99
72) Carbazole	11.65	167	654331	30.544	nq	99
73) Di-n-butylphthalate	11.97	149	945542	36.335	nq	99
74) Fluoranthene	12.63	202	656016	30.328	nq	99
77) Pyrene	12.86	202	673401	28.637	nq	99
79) Butylbenzylphthalate	13.47	149	359544	32.307	nq	98
80) Benzo(a)anthracene	14.04	228	629608	33.384	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	163949	23.446	nq	98
82) Chrysene	14.08	228	607636	31.962	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	524130	36.385	nq	# 99
84) Di-n-octyl phthalate	14.64	149	926106	42.816	nq	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	477119	30.259	nq	98
87) Benzo(b)fluoranthene	15.10	252	585070	33.081	nq	97
88) Benzo(k)fluoranthene	15.13	252	597972	35.386	nq	99
89) Benzo(a)pyrene	15.48	252	546249	34.313	nq	97
90) Dibenzo(a,h)anthracene	17.06	278	410644	31.781	nq	98
91) Benzo(g,h,i)perylene	17.50	276	380723	30.103	nq	96

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



#1

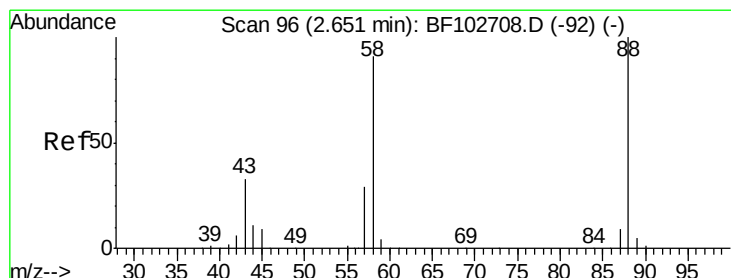
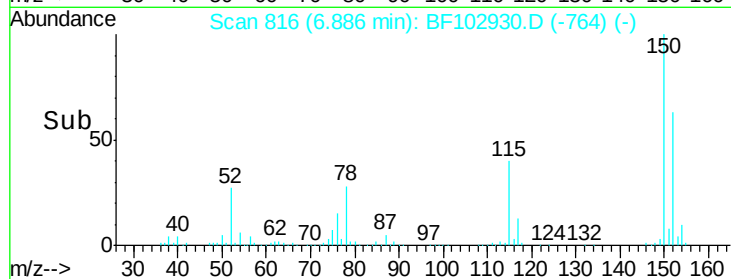
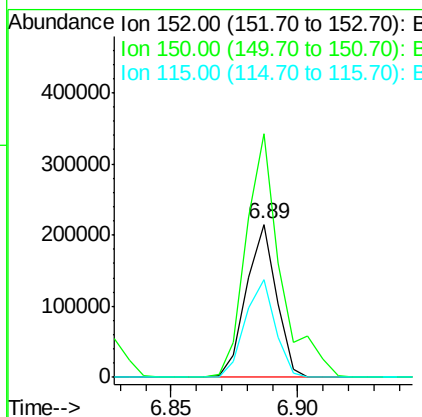
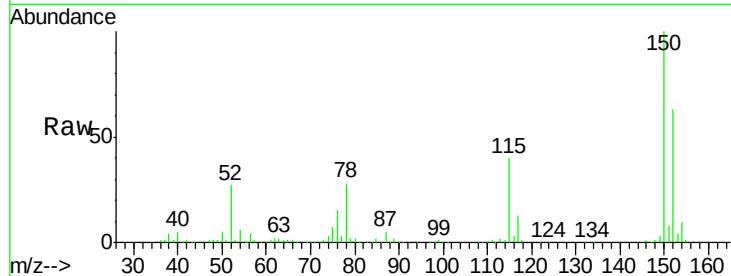
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB106454BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	64.1	50.1	75.1

Manual Integrations
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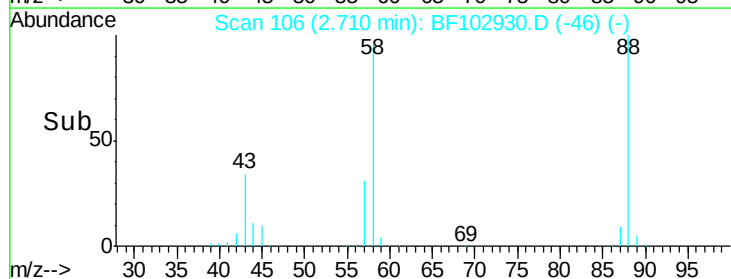
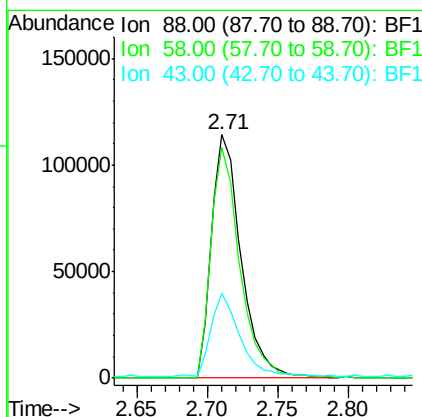
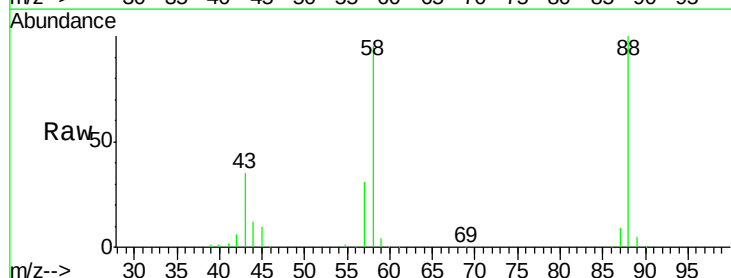
Sohil
2/13/2018 11:26:00 AM

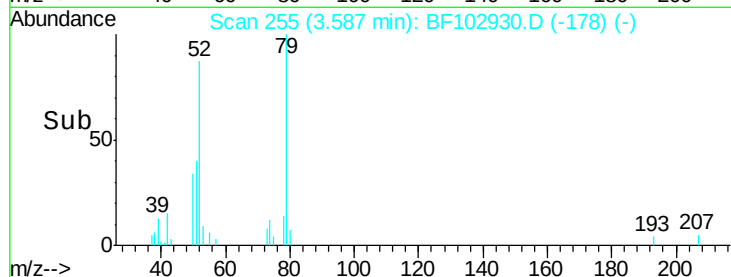
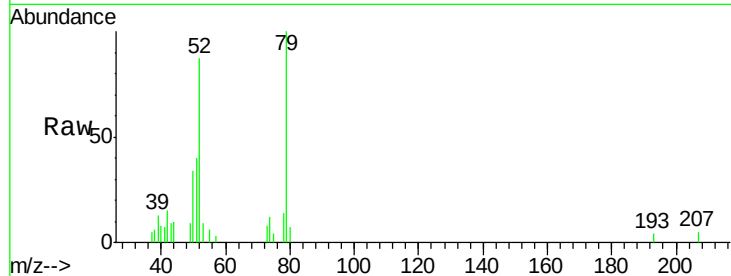
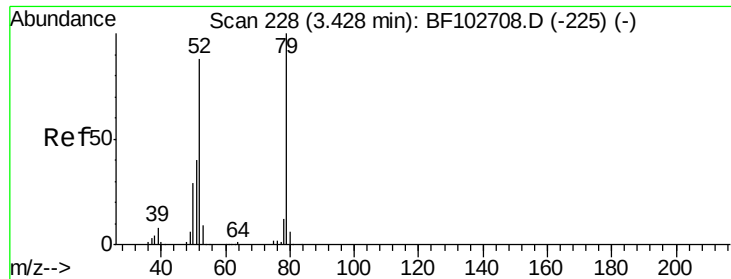


#2

1,4-Dioxane
Concen: 28.868 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.05 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.2	62.6	93.8
43	33.1	24.6	37.0





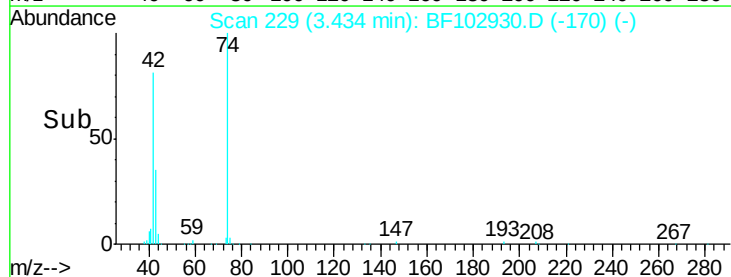
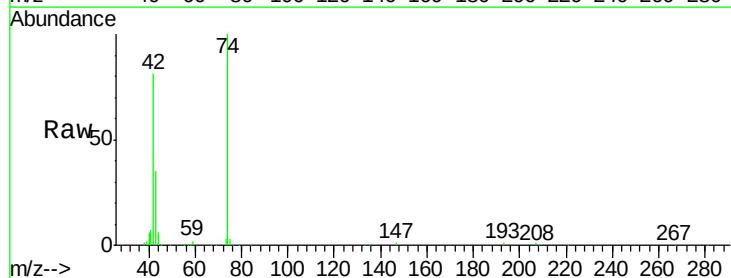
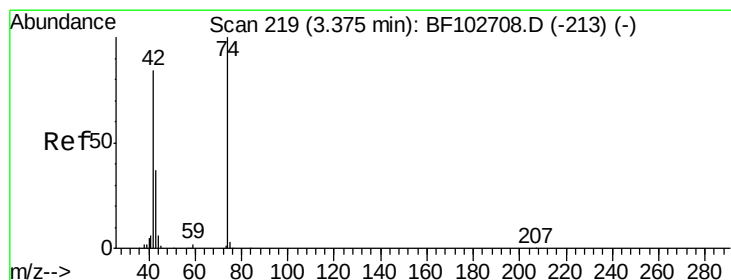
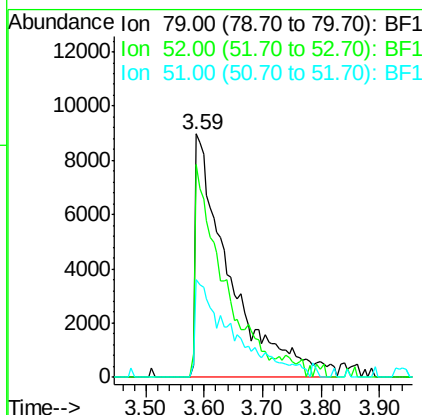
#3
 Pvridine
 Concen: 2.301 ng/ml
 RT: 3.59 min Scan# 255
 Delta R.T. 0.15 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	87.5	59.8	89.6		
51	40.0	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

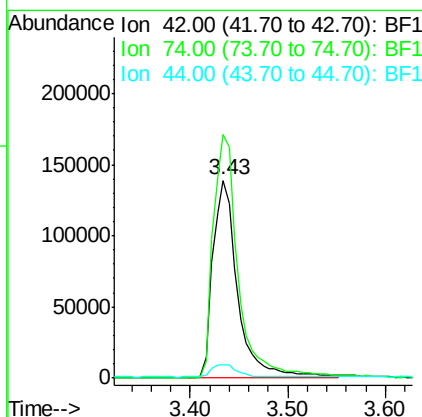
Manual Integrations
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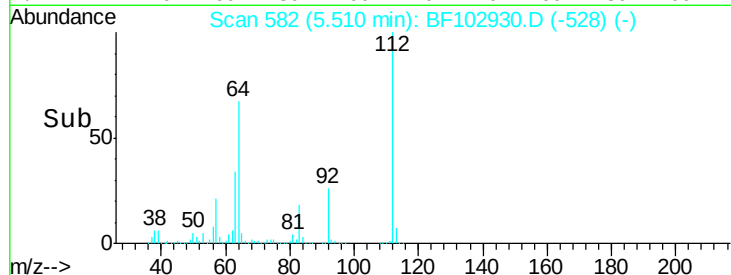
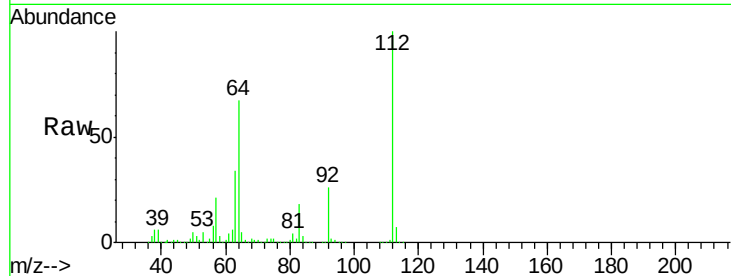
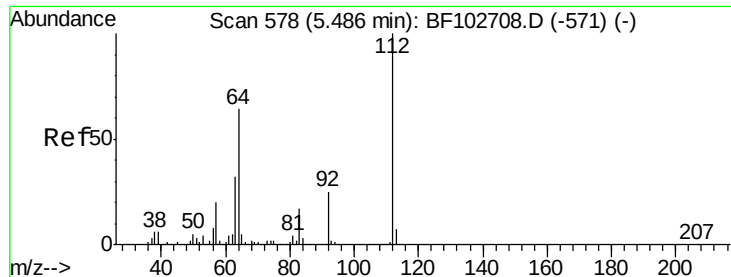
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 36.039 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.05 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	123.2	104.9	157.3		
44	7.0	6.9	10.3		





#5

2-Fluorophenol

Concen: 93.405 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tot Ion:	112	Resp:	1095532
Ion Ratio	Lower	Upper	
112	100		
64	67.0	47.9	71.9
63	33.8	23.7	35.5

Instrument :

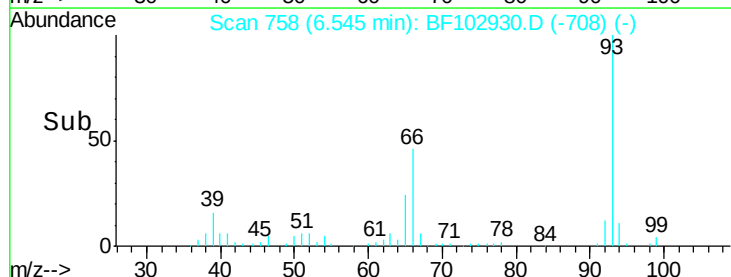
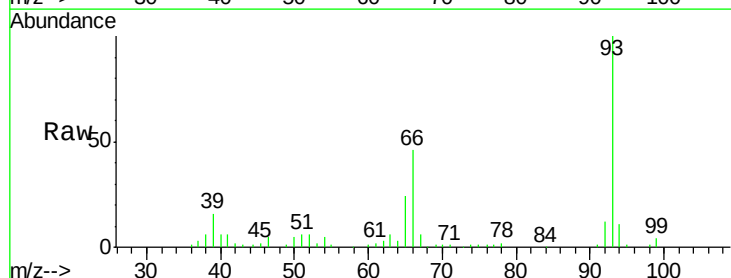
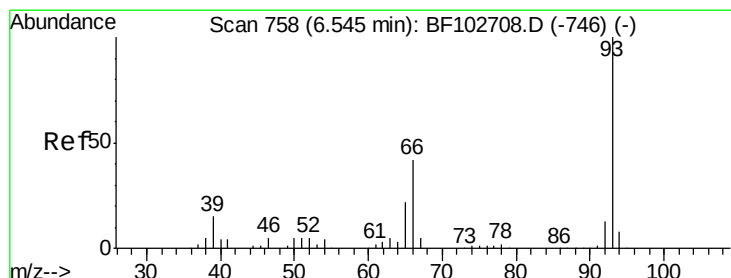
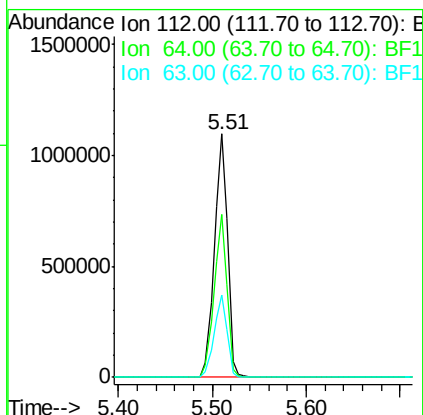
BNA_F

ClientSampleId :

PB106454BS

Manual Integrations
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#6

Aniline

Concen: 6.423 ng

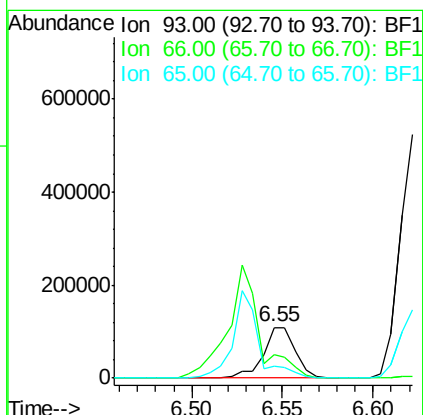
RT: 6.55 min Scan# 758

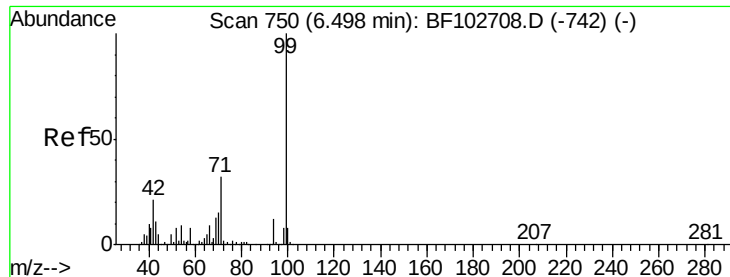
Delta R.T. -0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	93	Resp:	133958
Ion Ratio	Lower	Upper	
93	100		
66	46.0	32.2	48.2
65	24.0	16.4	24.6





#7

Phenol-d6

Concen: 91.667 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

PB106454BS

Tot Ion: 99 Resp: 1294552

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

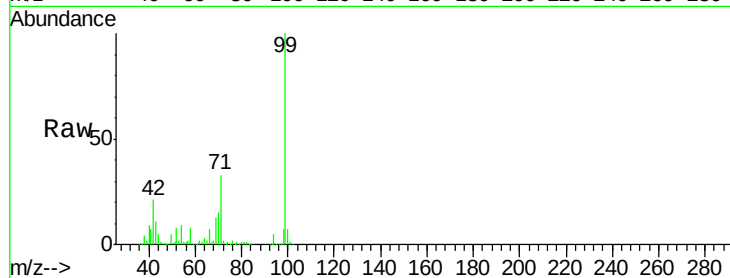
71 33.3 25.4 38.0

Manual Integrations

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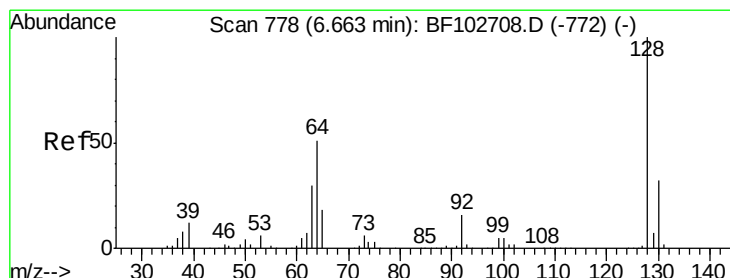
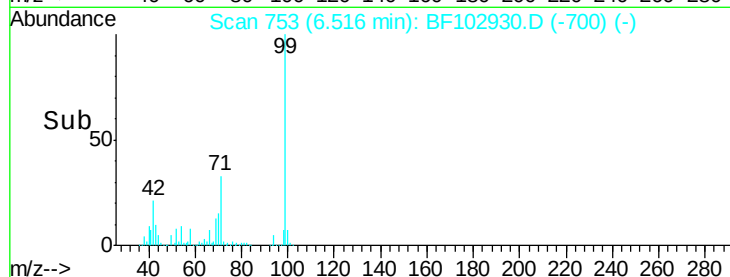
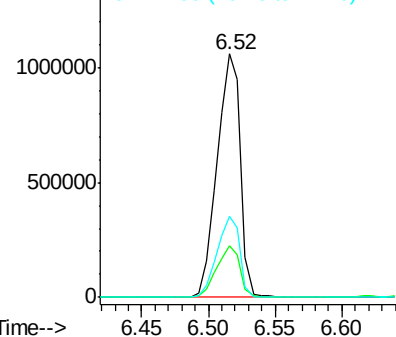
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.580 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

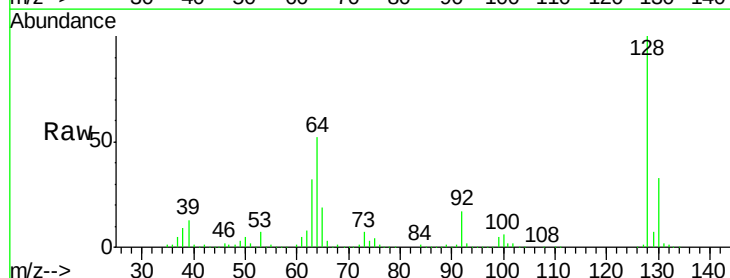
Tgt Ion: 128 Resp: 405480

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

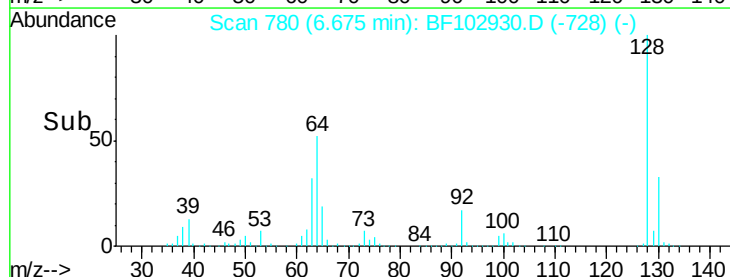
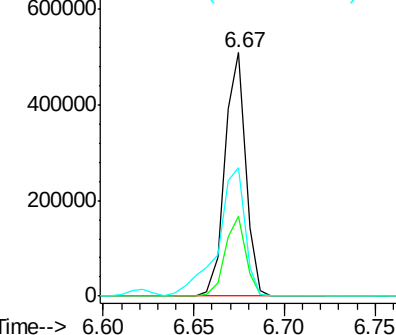
64 52.5 29.4 69.4

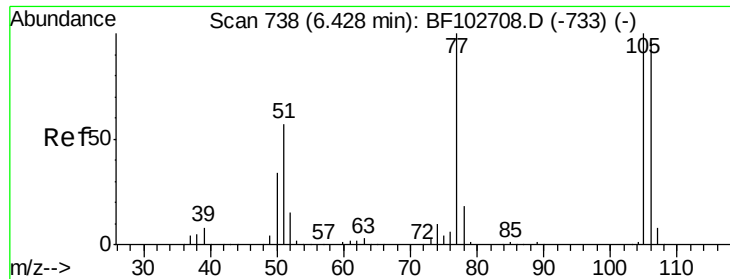


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.315 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

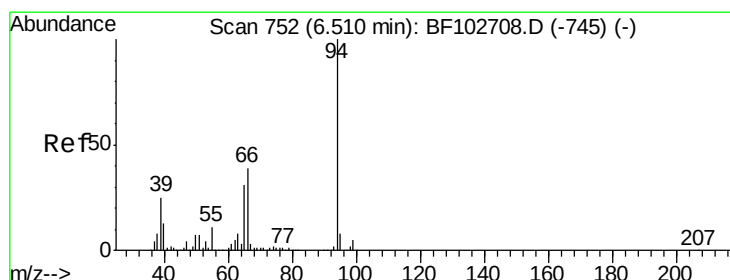
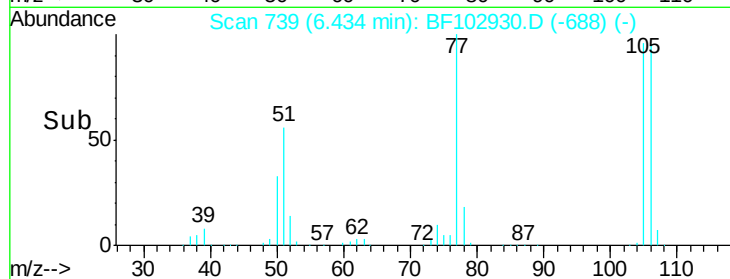
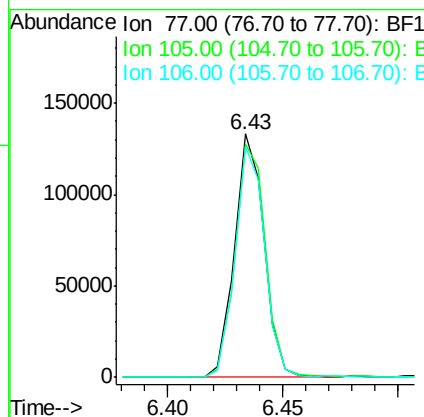
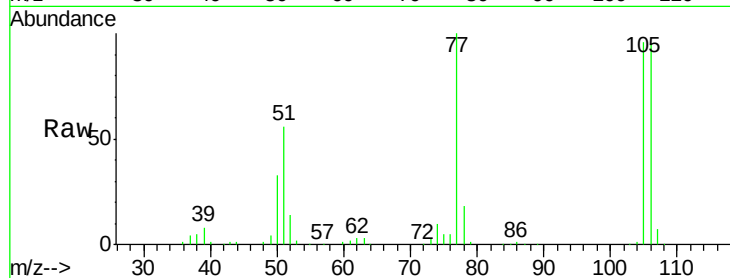
ClientSampleId :

PB106454BS

Tot Ion:	77	Resp:	118663
Ion	Ratio	Lower	Upper
77	100		
105	96.0	81.1	121.1
106	94.8	74.5	114.5

Manual Integrations
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2/13/2018 11:26:00 AM



#10

Phenol

Concen: 33.313 ng

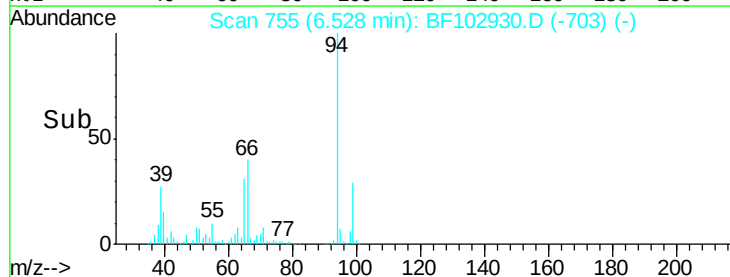
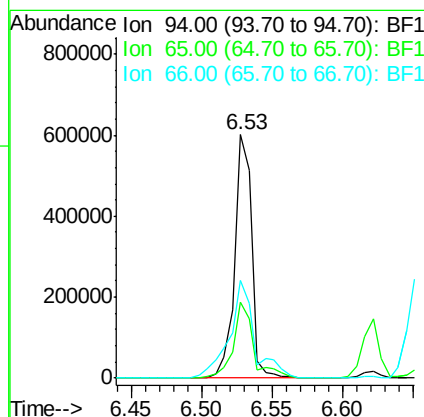
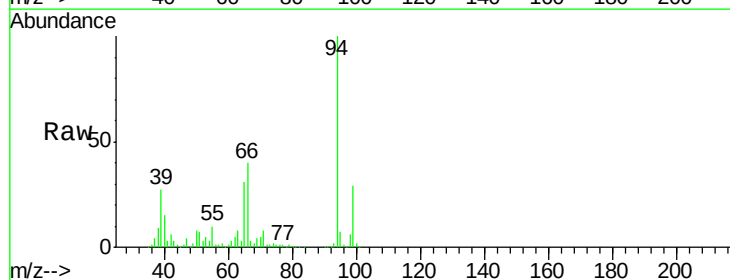
RT: 6.53 min Scan# 755

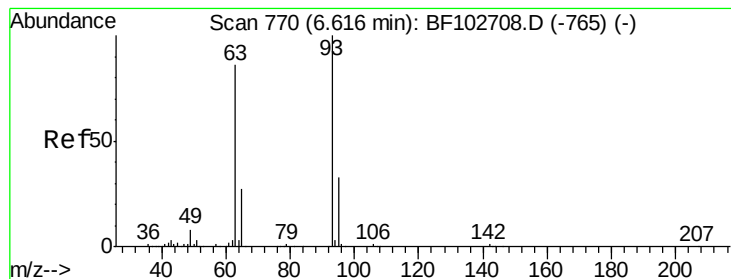
Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	94	Resp:	504188
Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.9	47.9
66	40.2	16.2	56.2





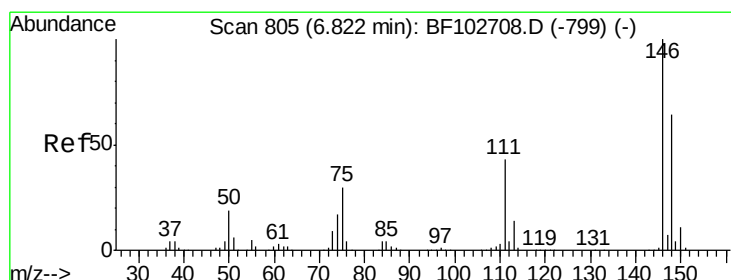
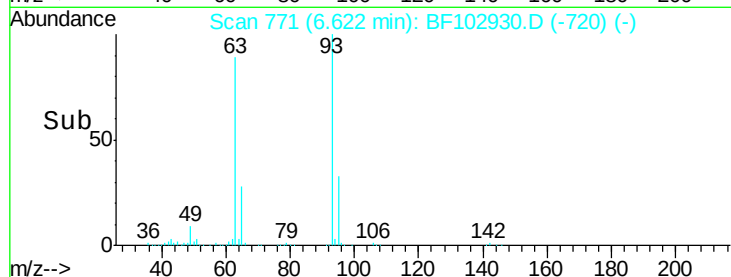
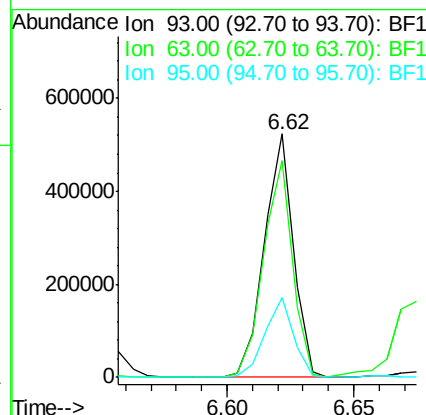
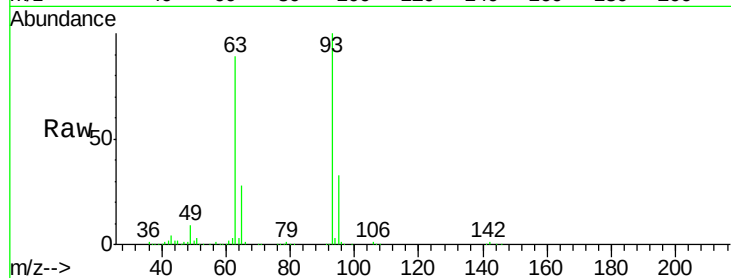
#11
bis(2-Chloroethyl)ether
Concen: 32.919 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	58.6	98.6
95	32.7	11.8	51.8

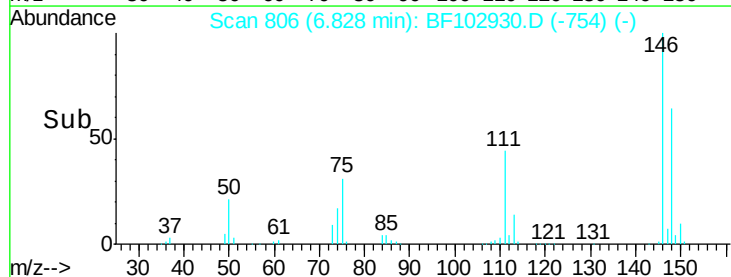
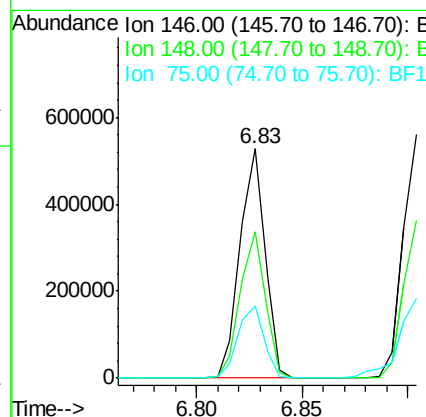
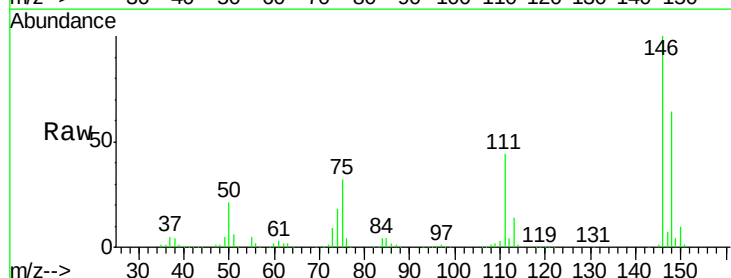
Manual Integrations
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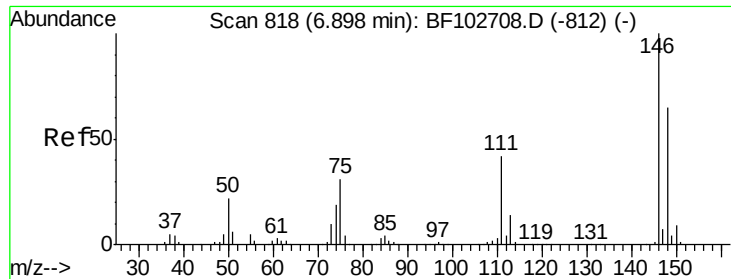
Sohil
2/13/2018 11:26:00 AM



#12
1,3-Dichlorobenzene
Concen: 30.953 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	31.7	24.2	36.4





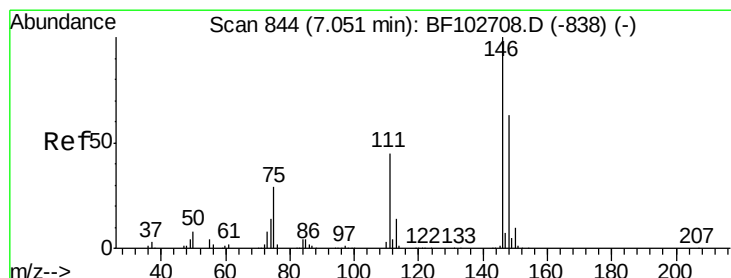
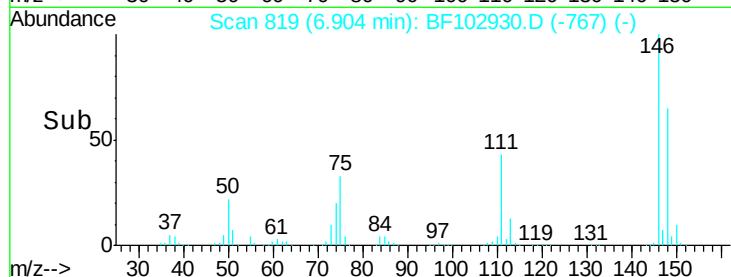
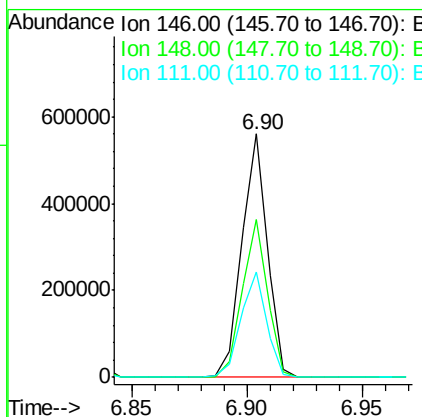
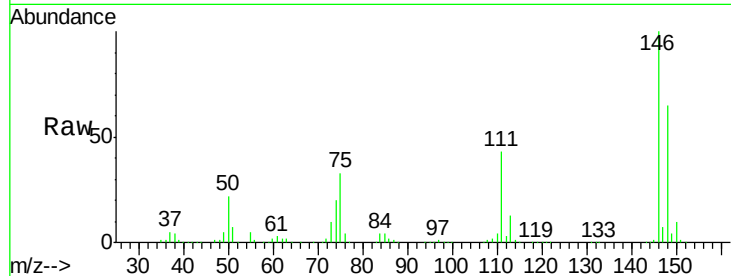
#13
 1,4-Dichlorobenzene
 Concen: 31.009 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	43.4	34.2	51.2

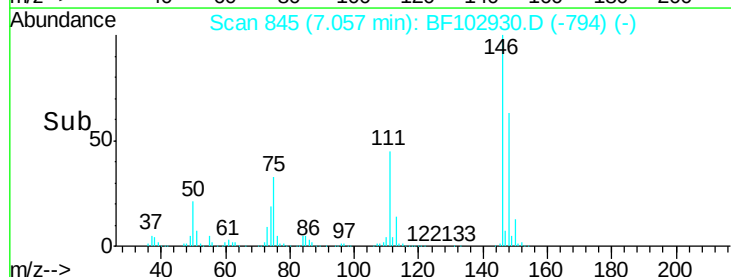
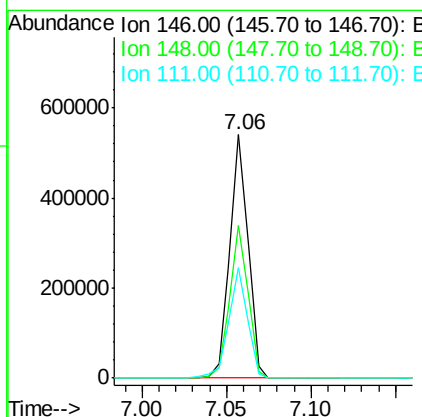
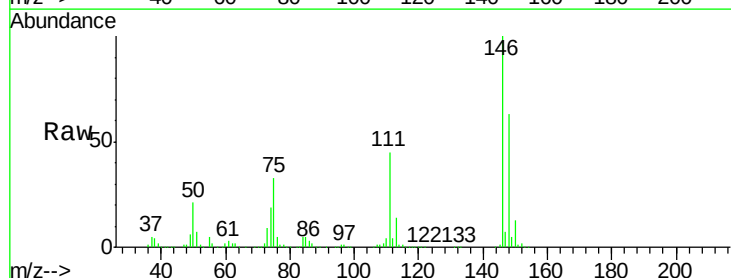
Manual Integrations
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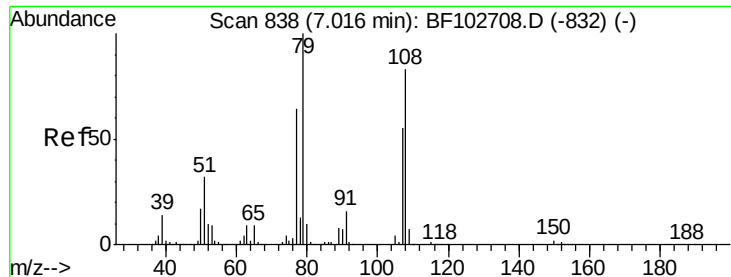
Sohil
 2/13/2018 11:26:00 AM



#14
 1,2-Dichlorobenzene
 Concen: 31.118 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	45.3	36.0	54.0





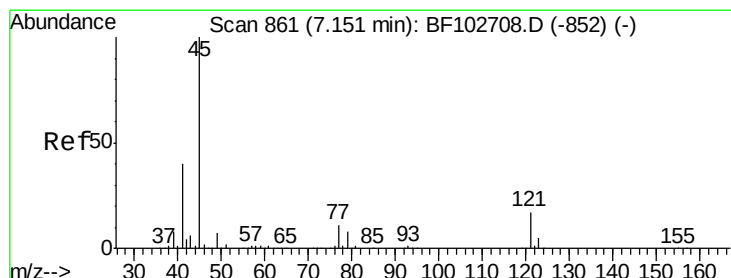
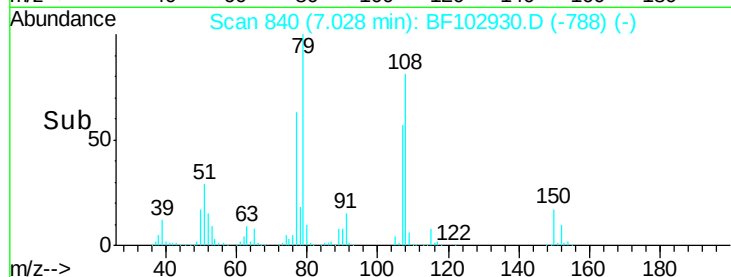
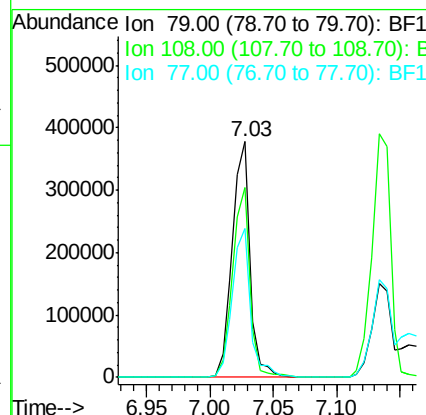
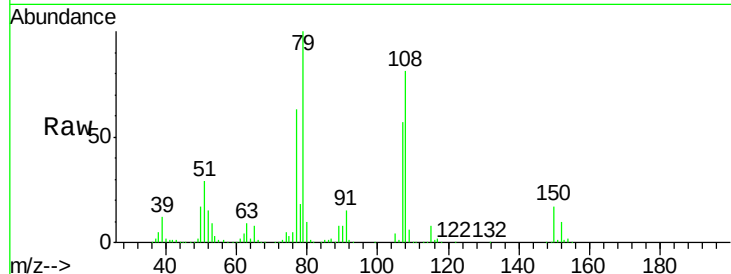
#15
Benzyl Alcohol
Concen: 33.892 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.6	65.1	97.7	
77	63.0	50.6	75.8	

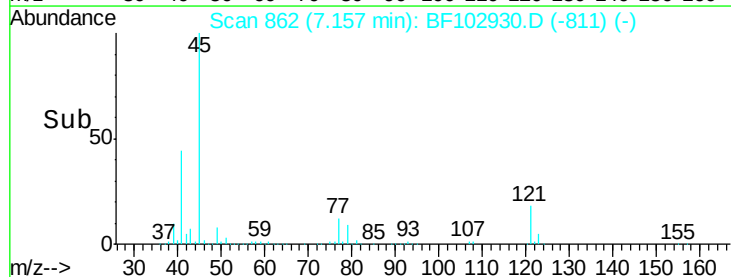
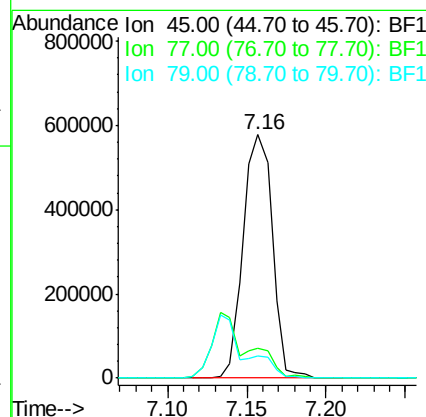
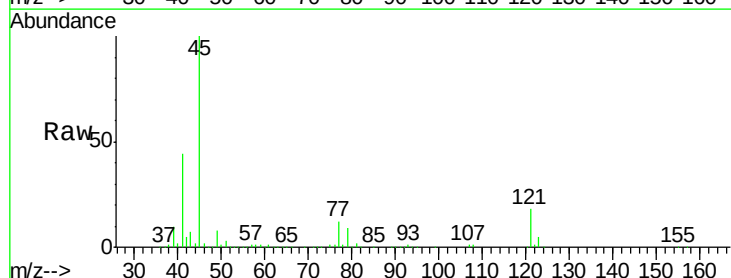
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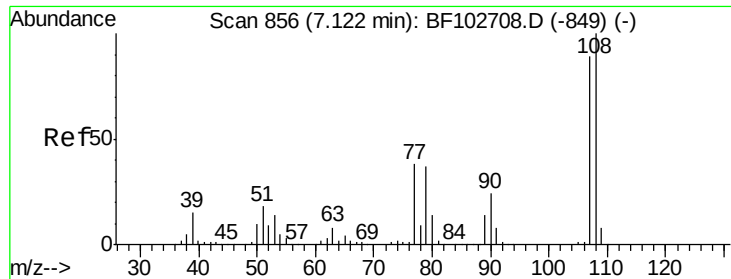
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 30.750 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.2	0.0	32.9	
79	9.1	0.0	29.6	





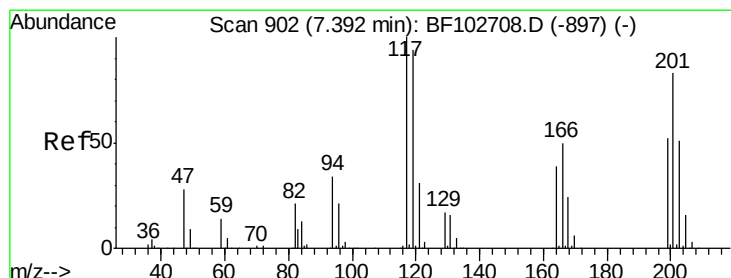
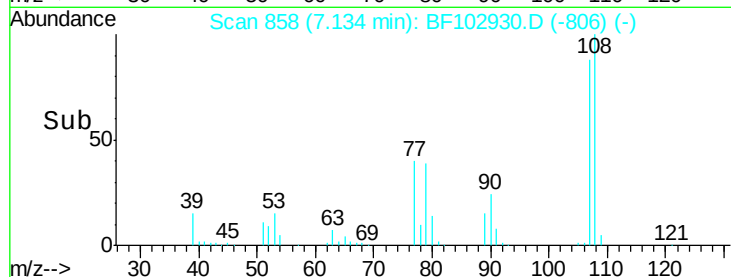
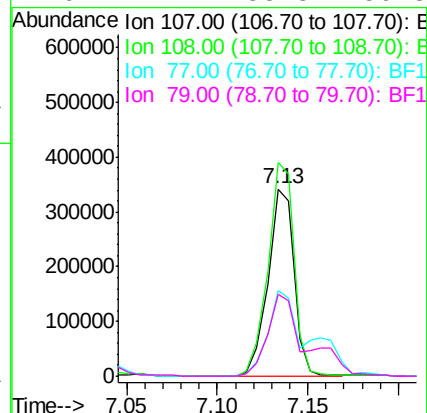
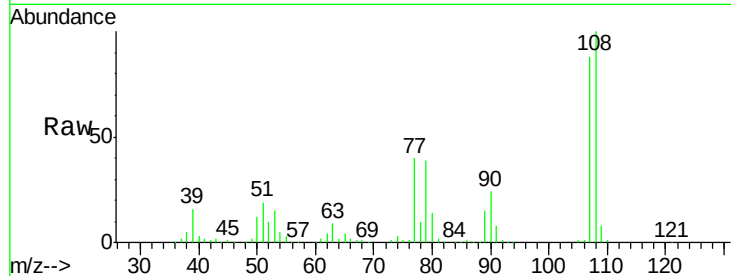
#17
2-Methylphenol
Concen: 30.699 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion:	107	Resp:	341922
Ion Ratio	Lower	Upper	
107	100		
108	114.1	91.7	137.5
77	45.5	33.8	50.8
79	44.1	33.8	50.8

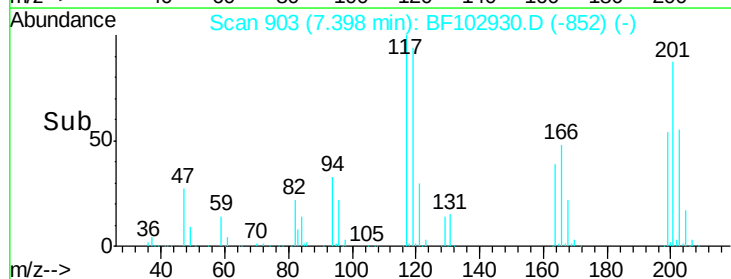
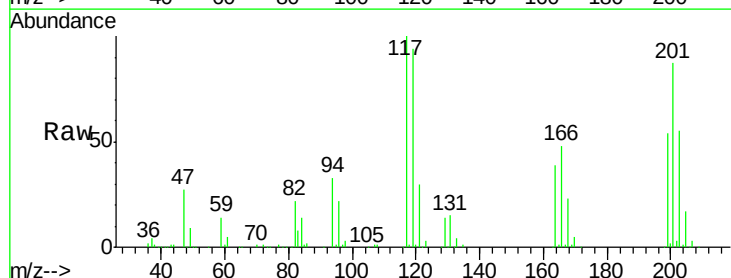
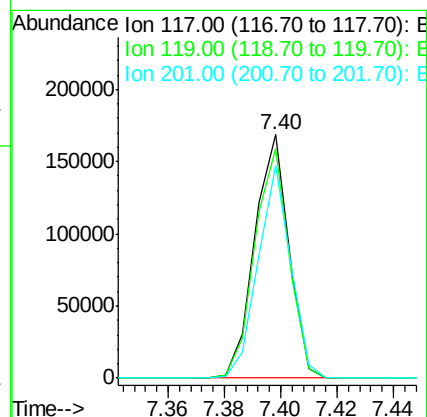
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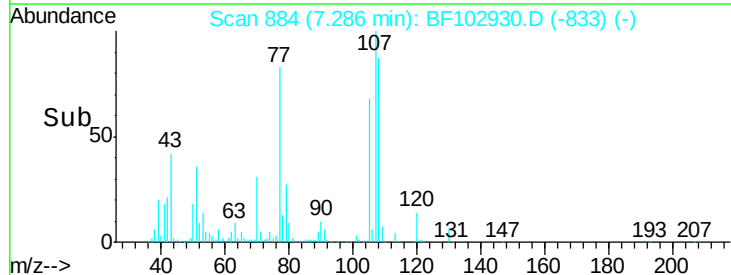
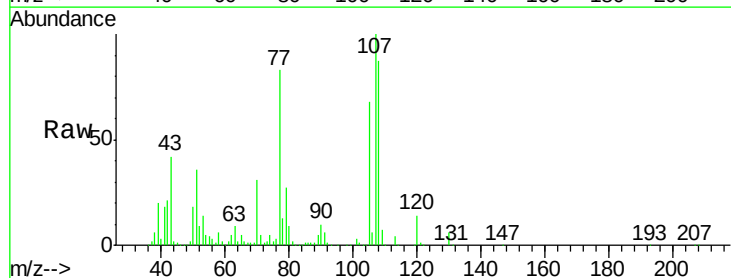
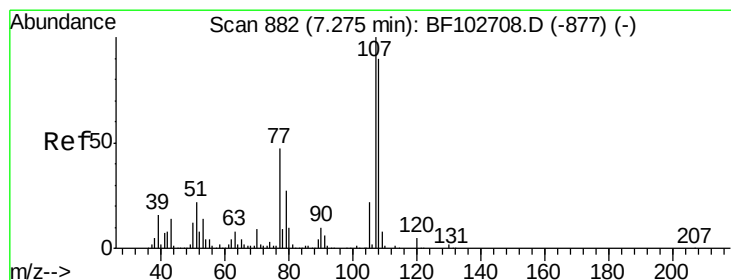
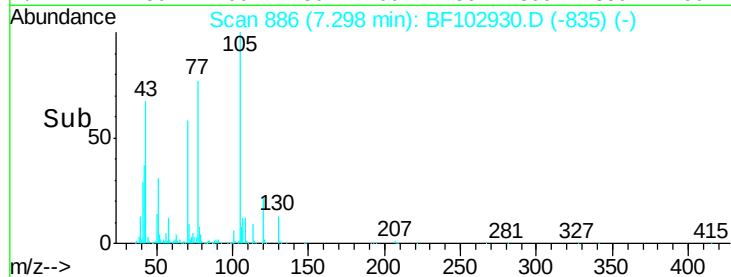
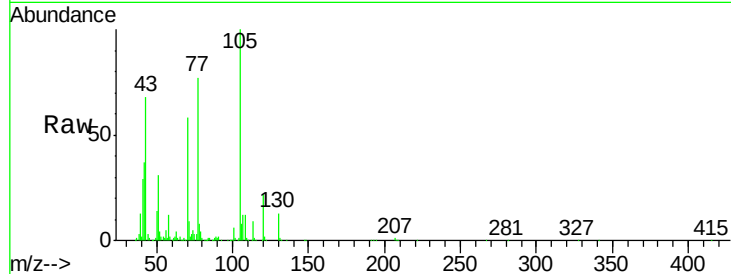
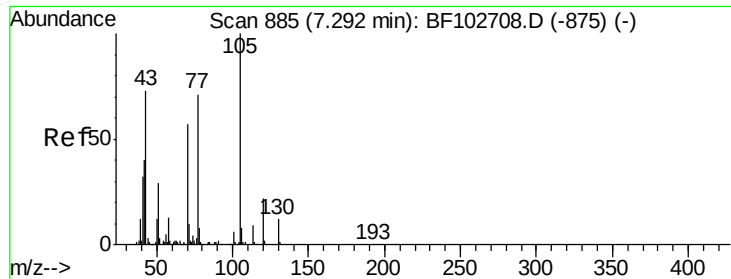
Sohil
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#18
Hexachloroethane
Concen: 29.617 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion:	117	Resp:	141462
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.8	113.8
201	87.4	75.7	113.5





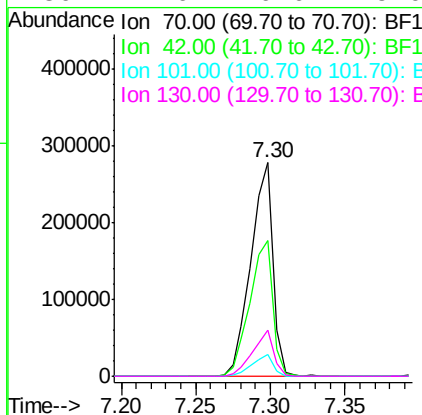
#19
n-Nitroso-di-n-propylamine
Concen: 30.623 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		285137		
42	63.5		47.5	71.3	
101	9.9		7.4	11.2	
130	21.6		16.6	25.0	

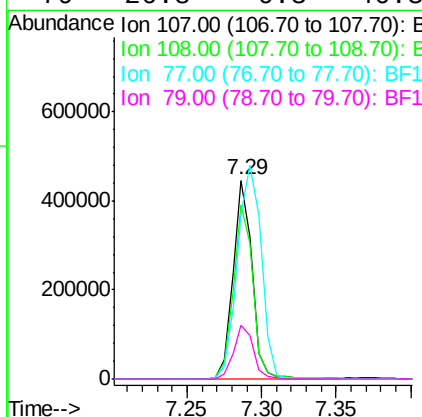
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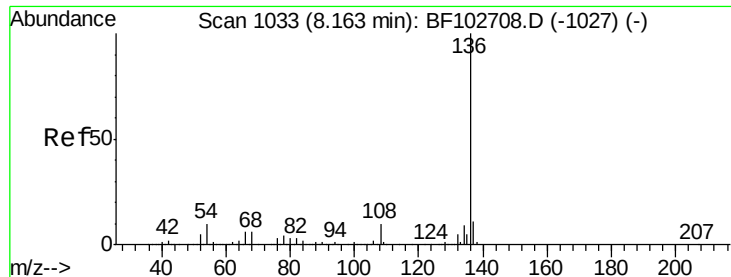
Sohil
2/13/2018 11:26:00 AM



#20
3+4-Methylphenols
Concen: 29.354 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		403179		
108	87.4		68.2	108.2	
77	83.4		26.7	66.7#	
79	26.8		6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

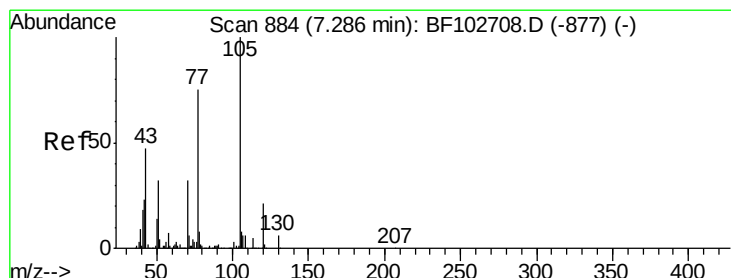
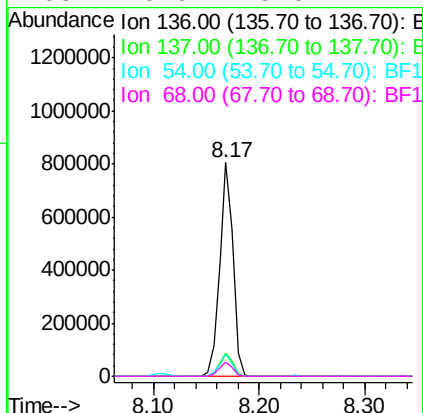
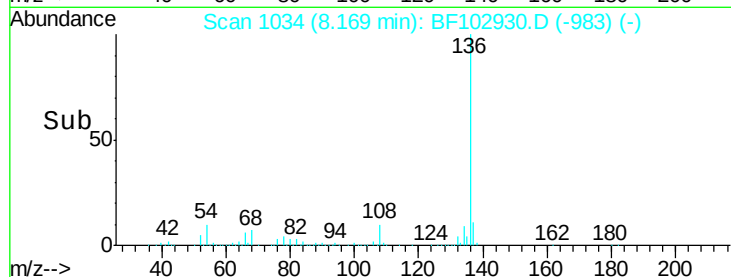
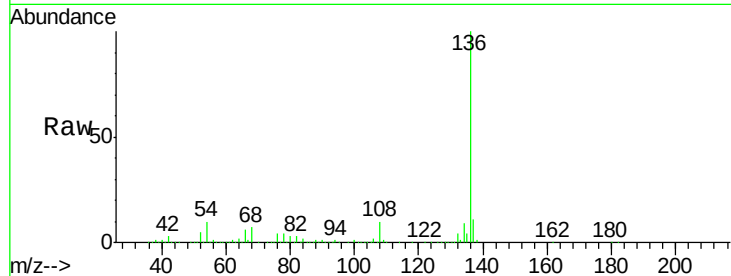
ClientSampleId :

PB106454BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	6.6	9.8#
68	6.9	5.0	7.4

Manual Integrations
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#22

Acetophenone

Concen: 31.175 ng

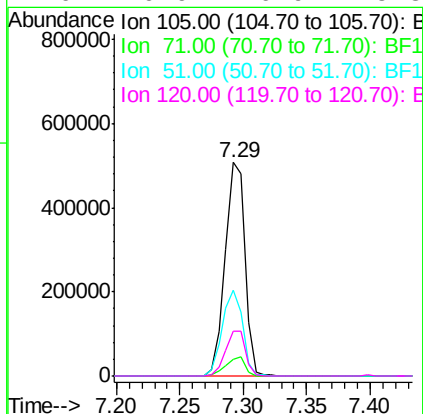
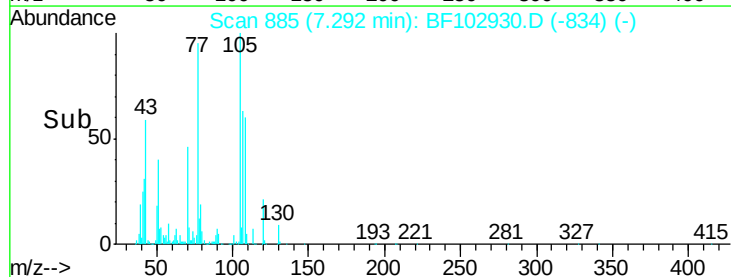
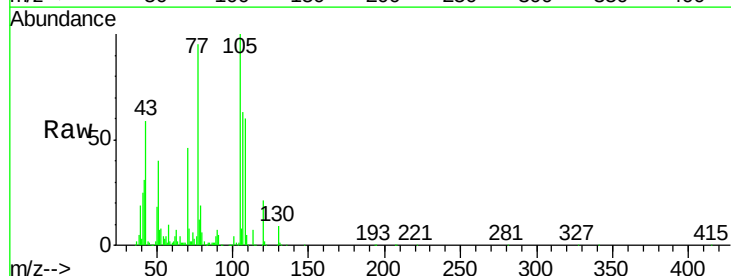
RT: 7.29 min Scan# 885

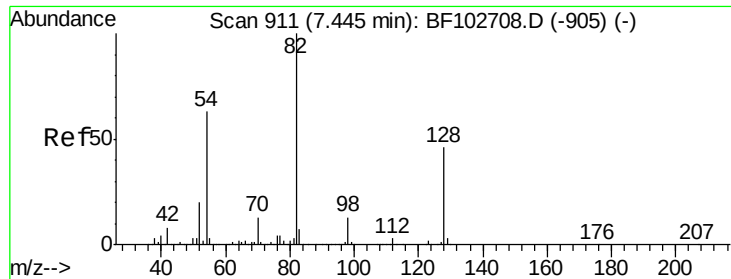
Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	40.0	22.3	33.5#
120	20.9	16.9	25.3





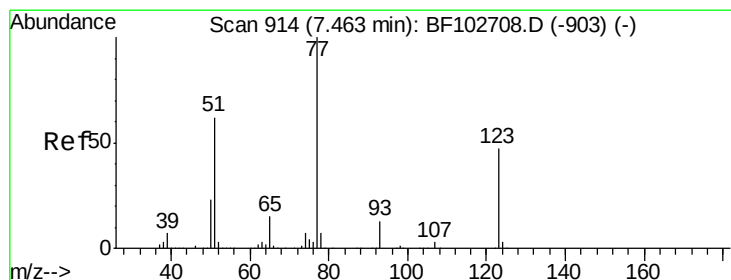
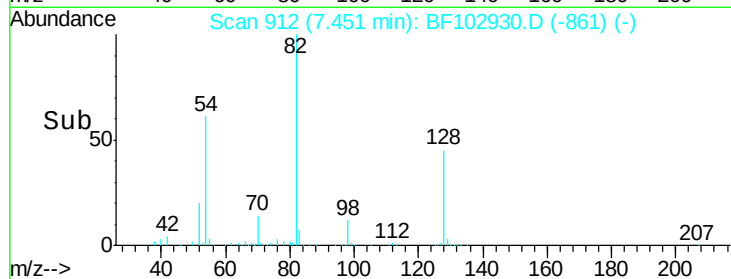
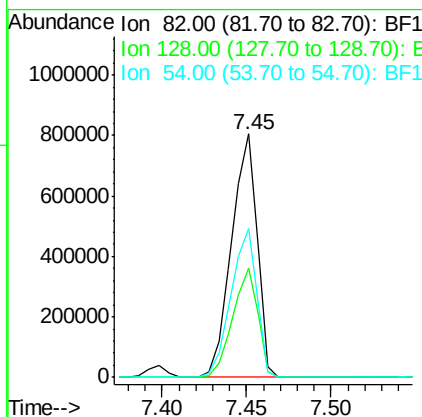
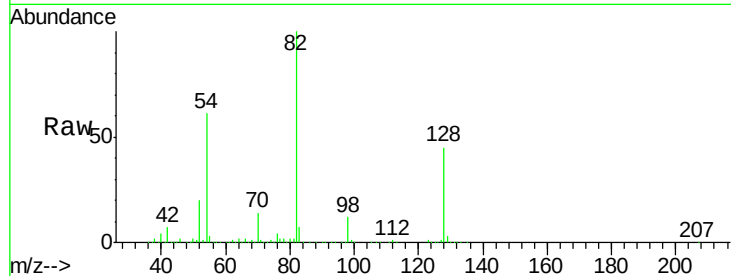
#23
Nitrobenzene-d5
Concen: 81.059 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	61.4	41.4	62.2

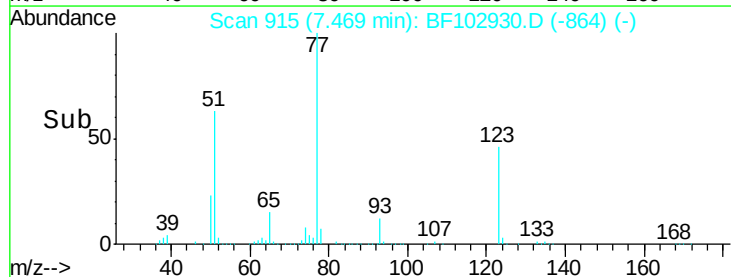
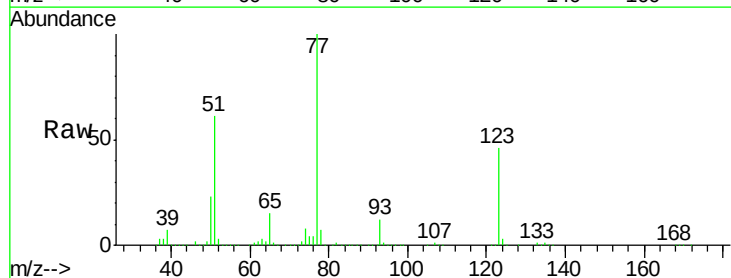
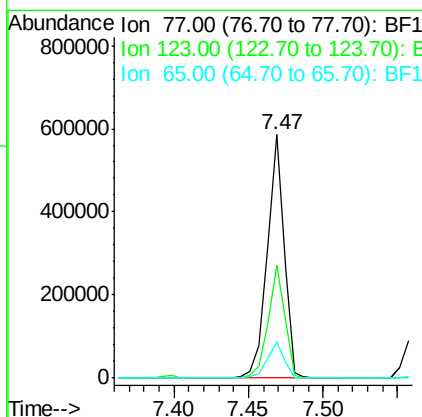
Manual Integrations
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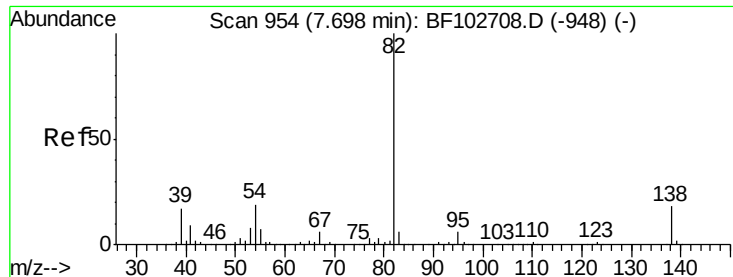
Sohil
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#24
Nitrobenzene
Concen: 36.795 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 34.035 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

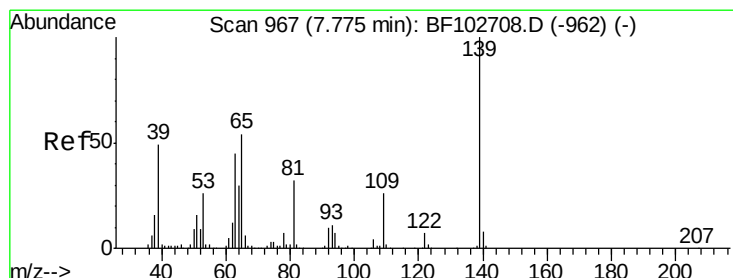
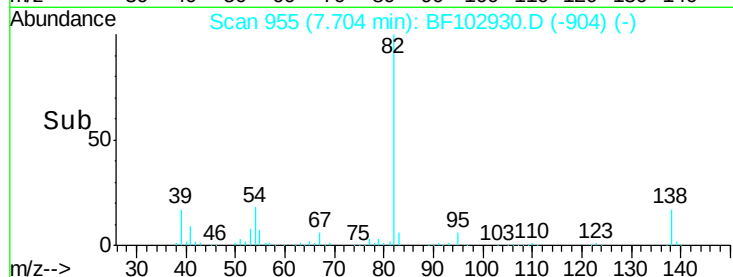
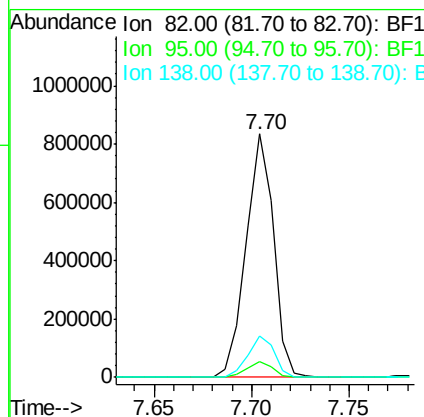
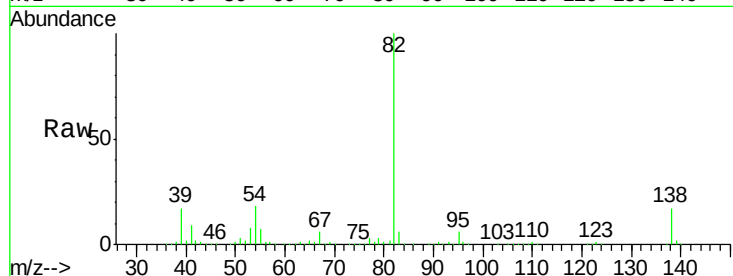
ClientSampleId :

PB106454BS

Tot Ion:	82	Resp:	817873
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	16.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.383 ng

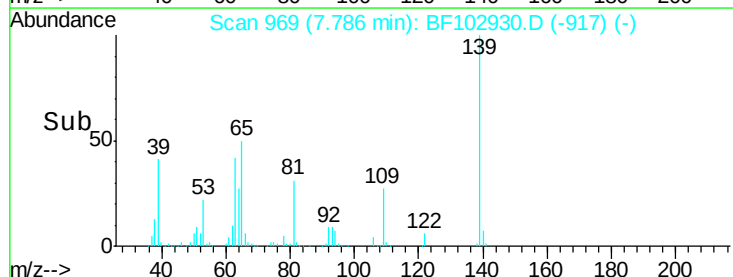
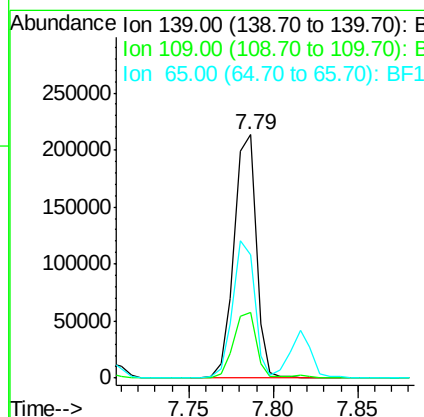
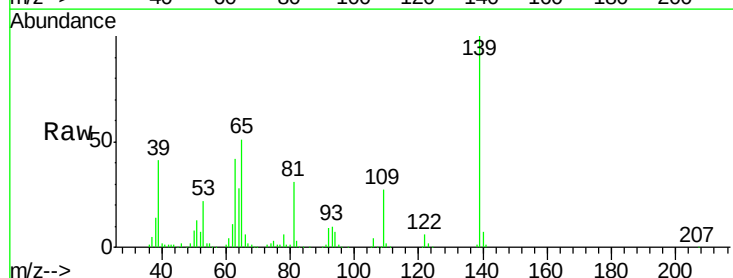
RT: 7.79 min Scan# 969

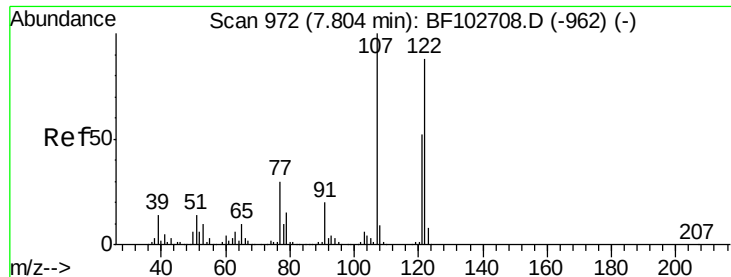
Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	139	Resp:	195190
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.7	34.1
65	50.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 33.948 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

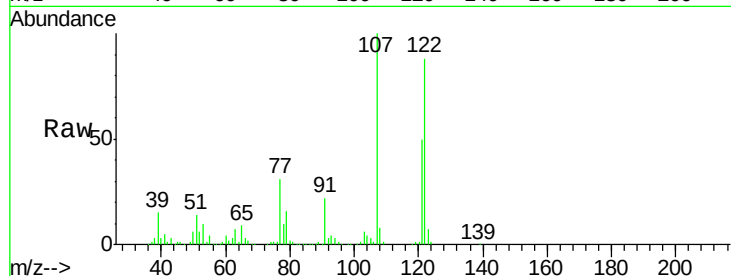
ClientSampled :

PB106454BS

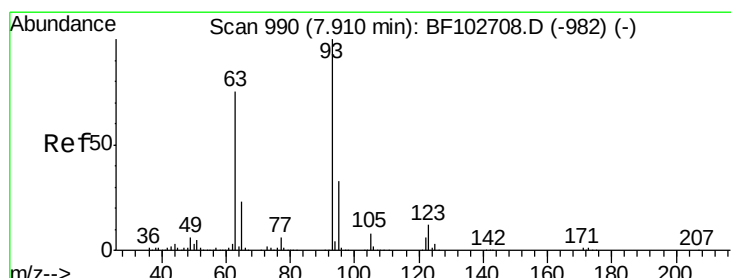
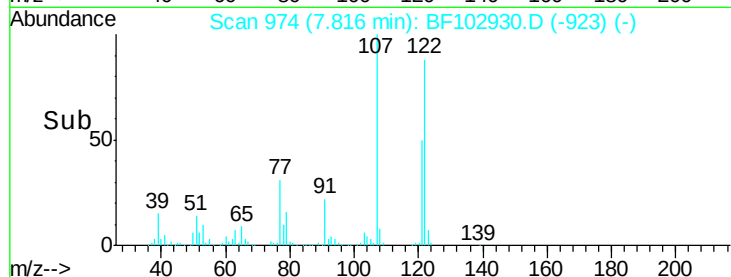
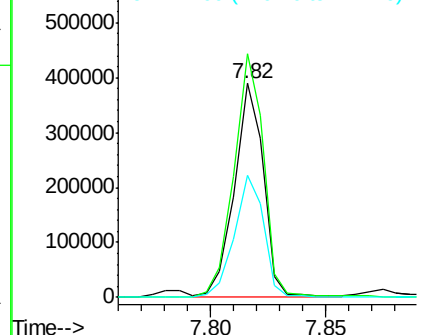
Tot Ion:	122	Resp:	344644
Ion Ratio	Lower	Upper	
122	100		
107	113.9	91.2	136.8
121	56.8	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.851 ng

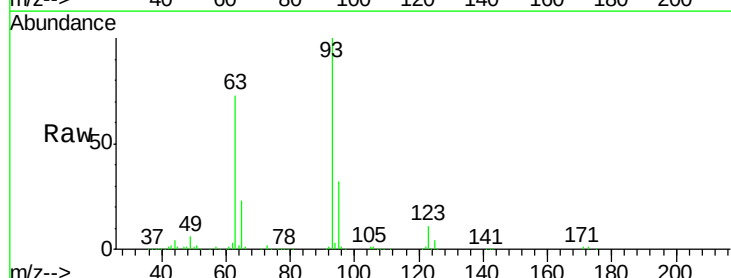
RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

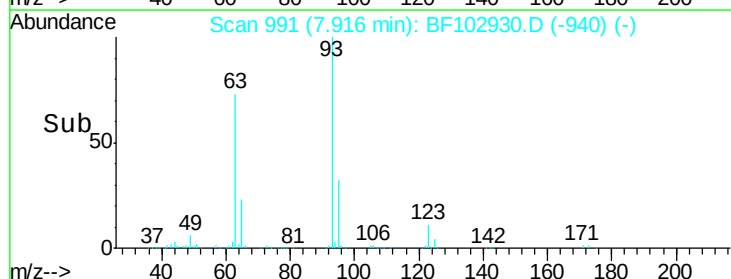
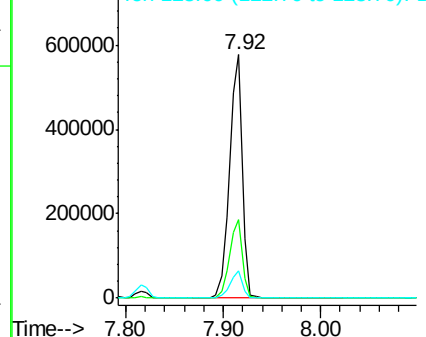
Lab File: BF102930.D

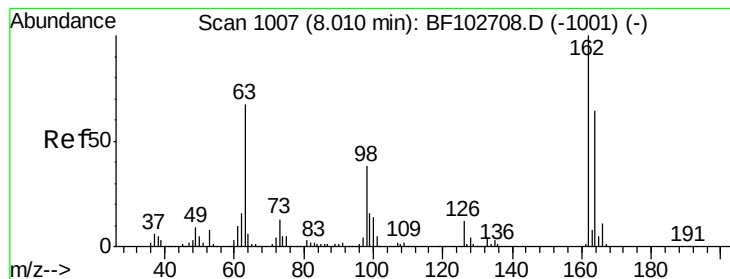
Acq: 12 Feb 2018 19:38

Tgt Ion:	93	Resp:	524575
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.4	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





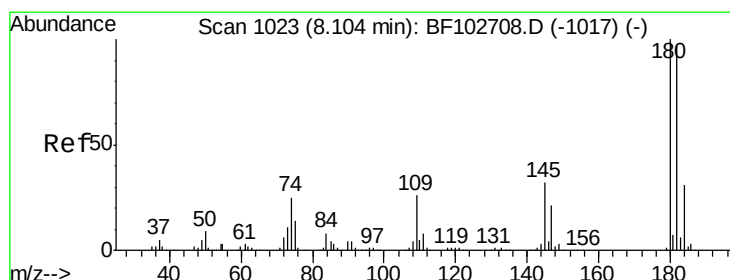
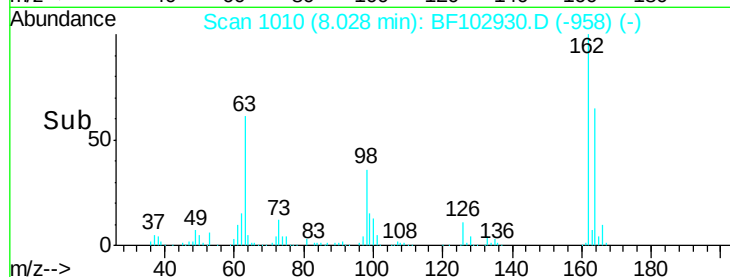
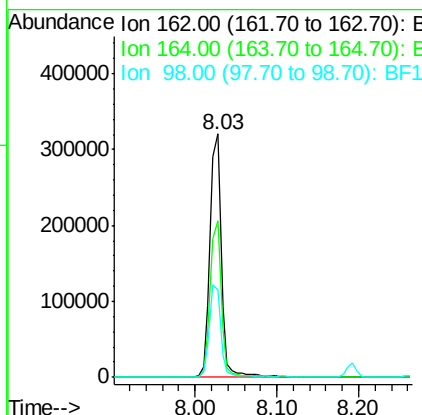
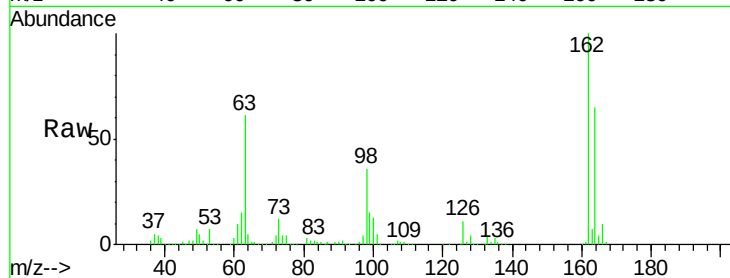
#29
 2,4-Dichlorophenol
 Concen: 33.604 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

Tot Ion:	162	Resp:	310135
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.7	82.7
98	36.1	18.1	58.1

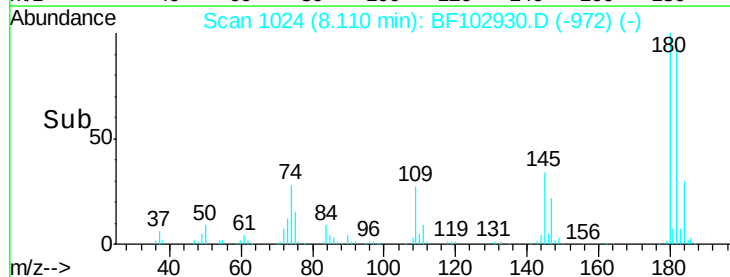
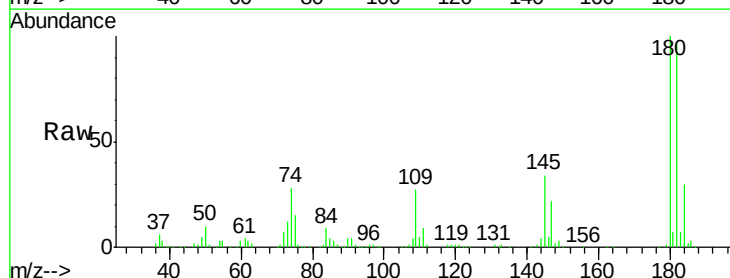
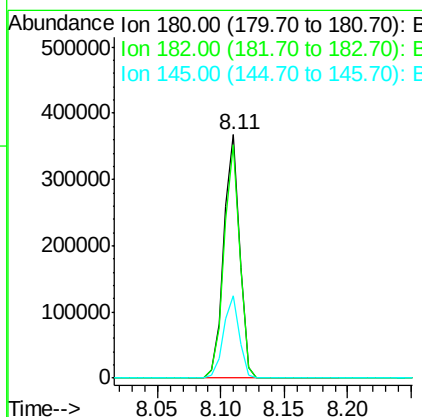
Manual Integrations
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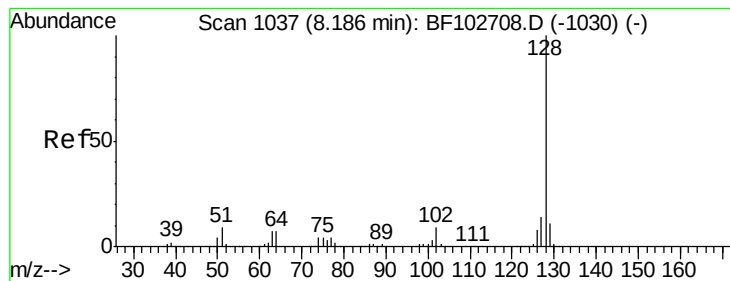
Sohil
 2/13/2018 11:26:00 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 30.814 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion:	180	Resp:	321712
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	33.6	26.5	39.7





#31

Naphthalene

Concen: 31.774 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

PB106454BS

Tot Ion:128 Resp: 1123863

Ion Ratio Lower Upper

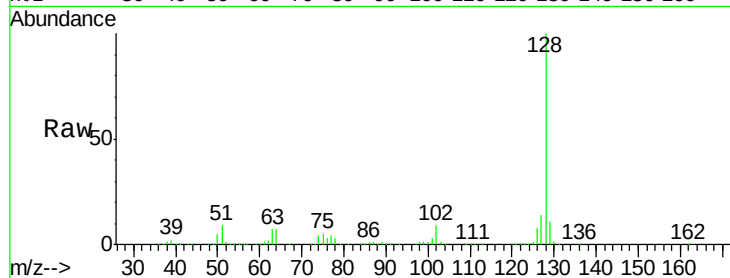
128 100

129 11.1 8.8 13.2

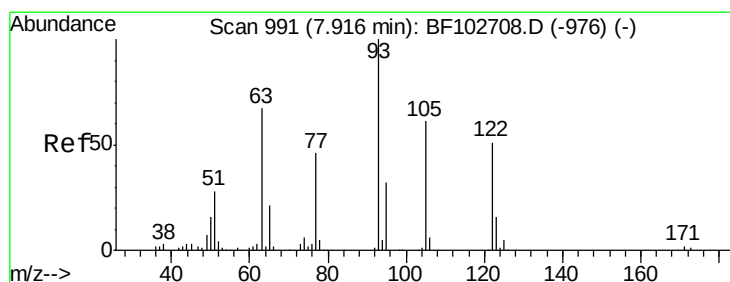
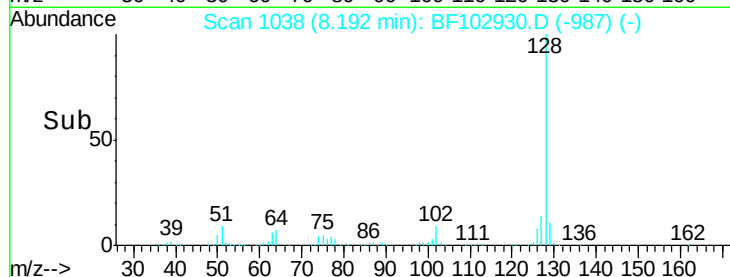
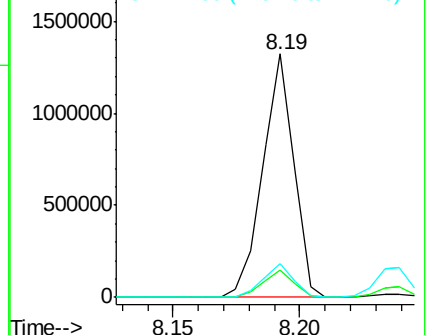
127 13.6 10.9 16.3

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



#32

Benzoic acid

Concen: 12.214 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

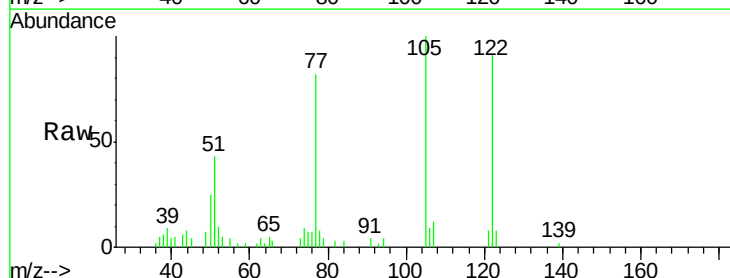
Tgt Ion:122 Resp: 27610

Ion Ratio Lower Upper

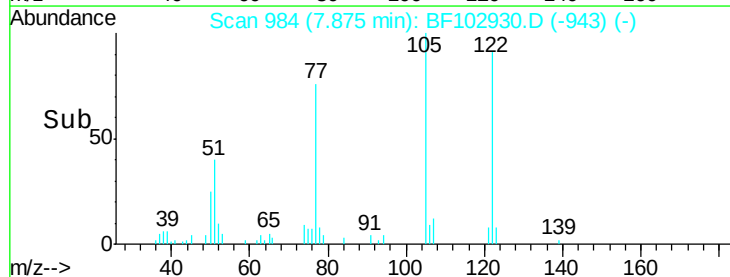
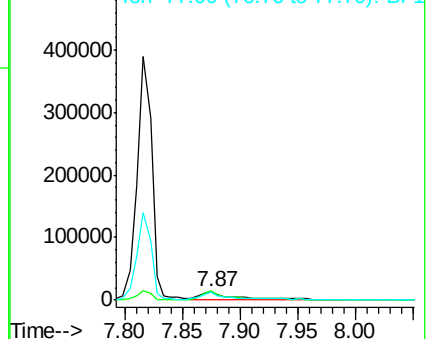
122 100

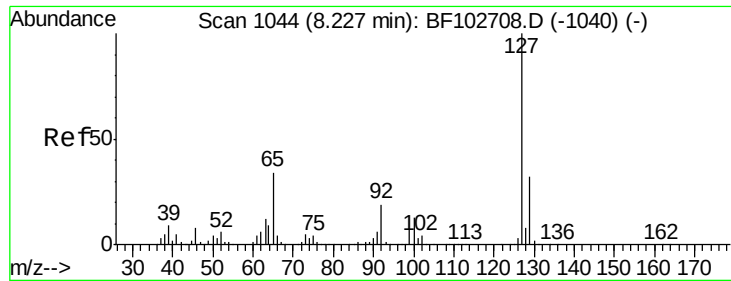
105 109.6 101.1 141.1

77 89.5 70.7 110.7



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





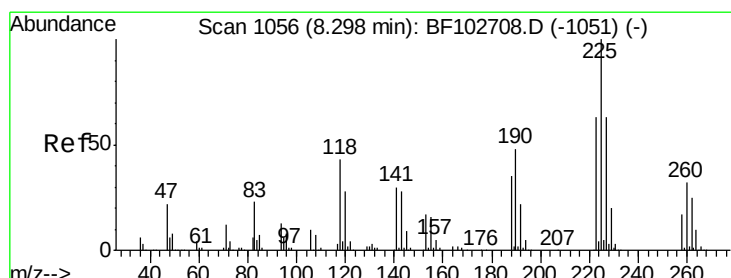
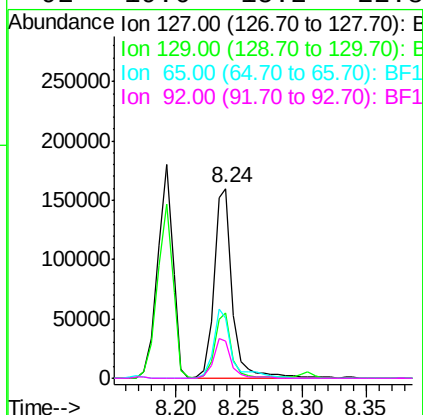
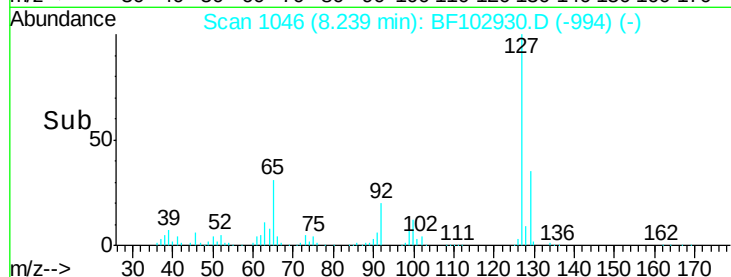
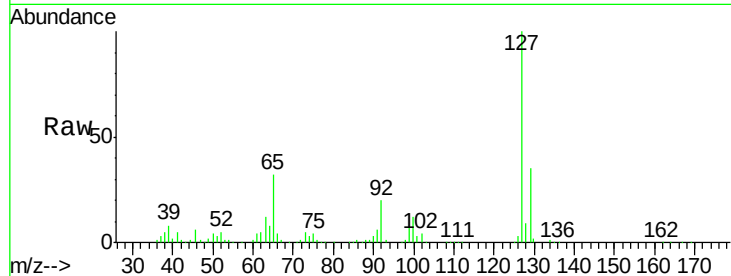
#33
4-Chloroaniline
Concen: 10.665 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.7		25.9	38.9	
65	32.0		25.0	37.4	
92	19.6		15.2	22.8	

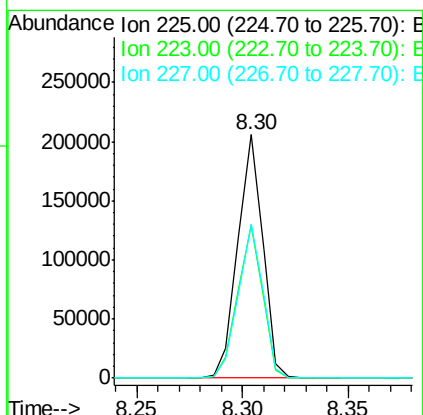
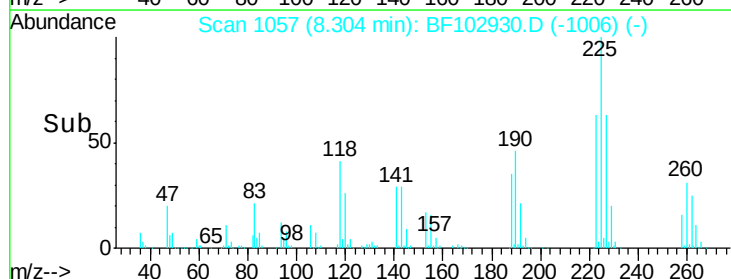
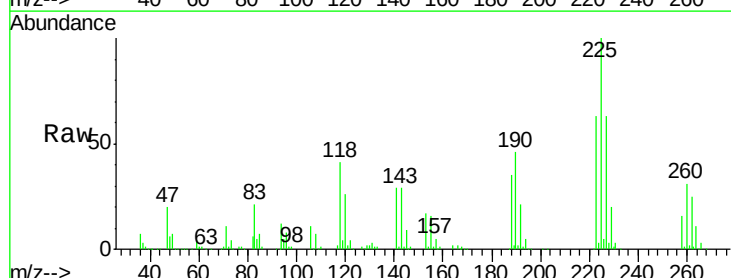
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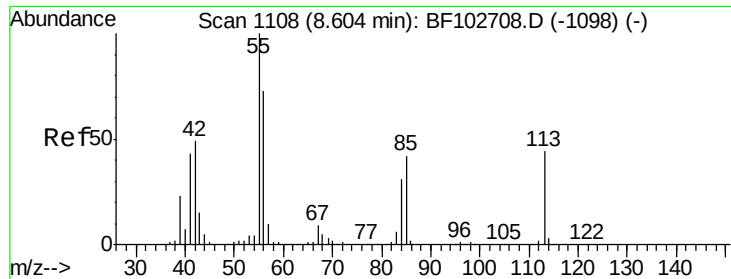
Sohil
2/13/2018 11:26:00 AM



#34
Hexachlorobutadiene
Concen: 31.412 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5		50.6	76.0	
227	63.1		51.9	77.9	





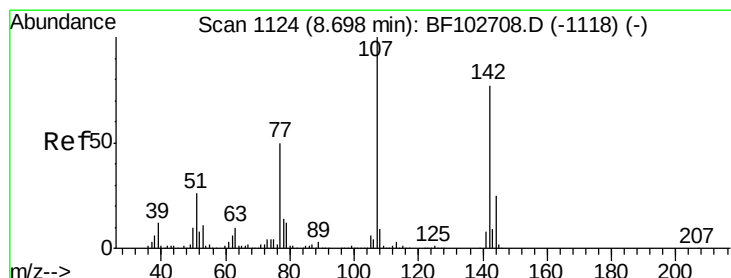
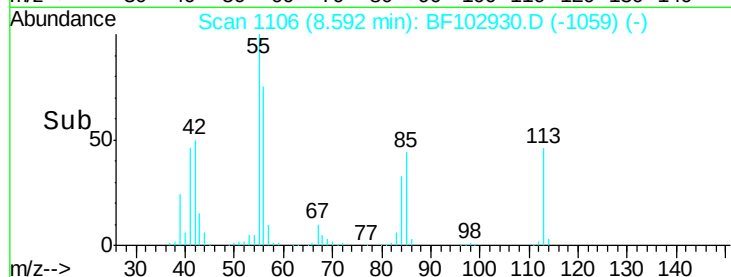
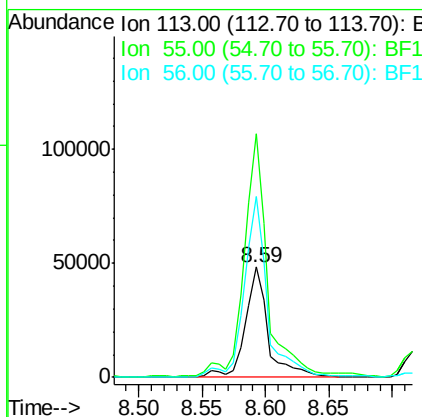
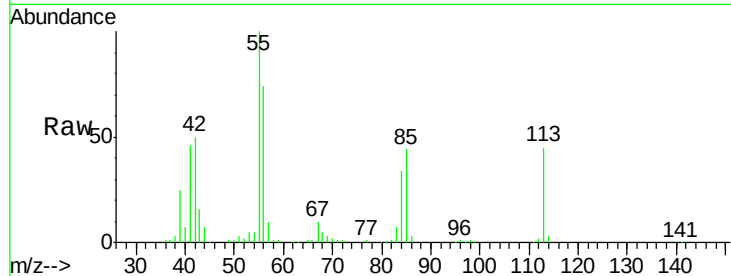
#35
 Caprolactam
 Concen: 18.868 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampled :
 PB106454BS

Tot Ion:113 Resp: 60473
 Ion Ratio Lower Upper
 113 100
 55 220.5 163.3 203.3#
 56 164.1 115.7 155.7#

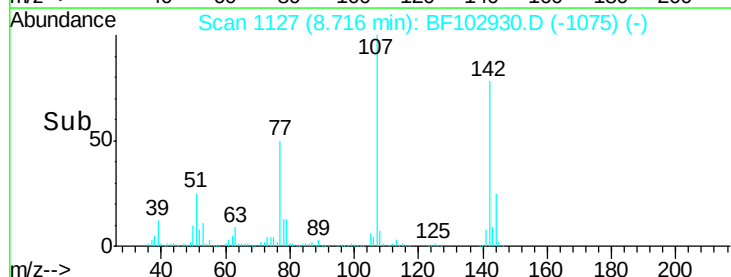
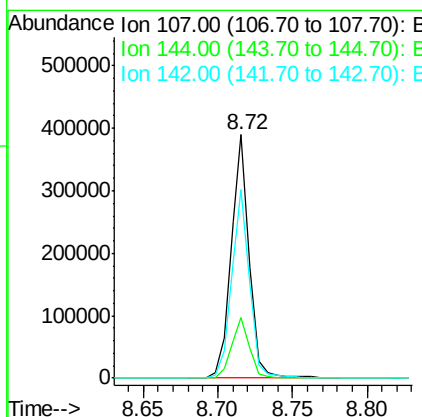
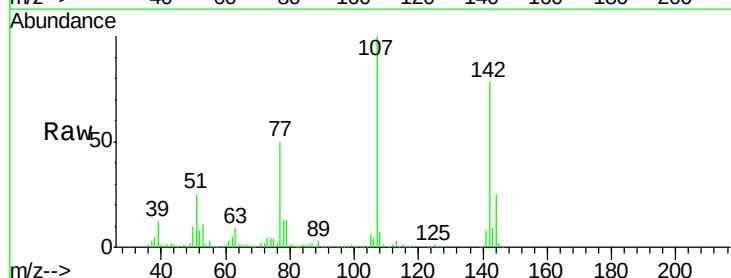
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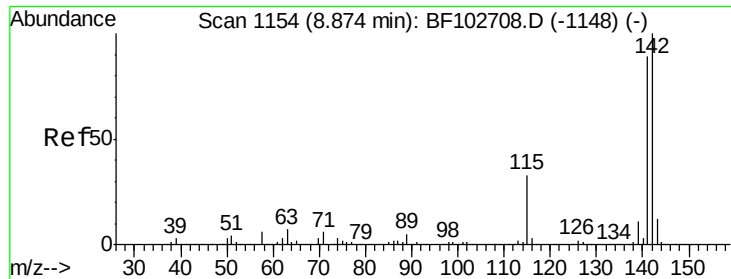
Sohil
 2/13/2018 11:26:00 AM



#36
 4-Chloro-3-methylphenol
 Concen: 32.133 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion:107 Resp: 333206
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 77.7 62.0 93.0





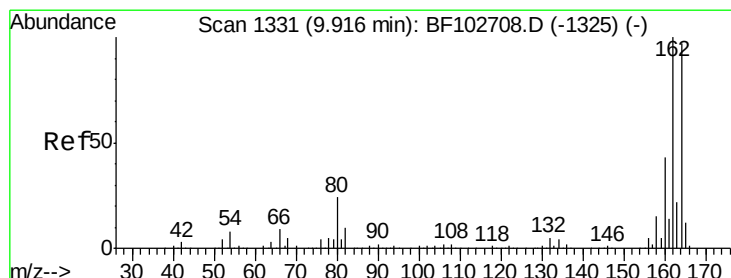
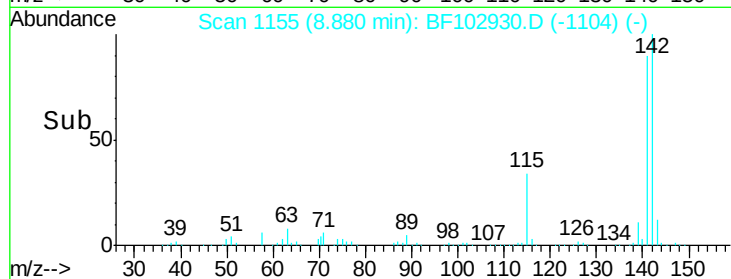
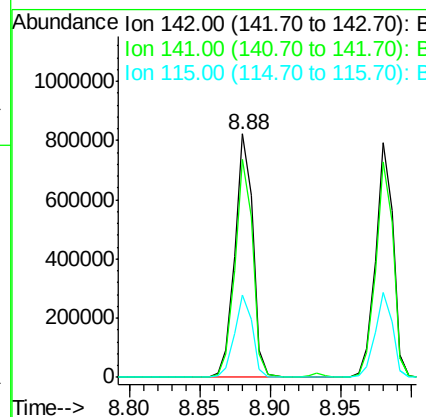
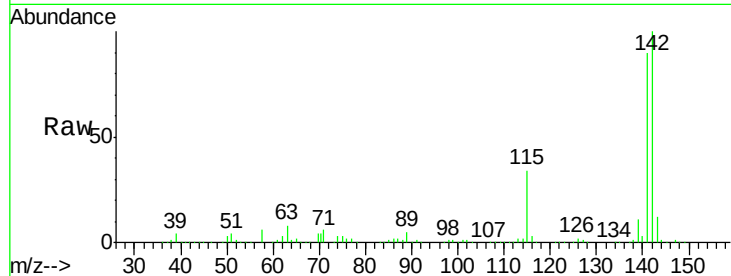
#37
2-Methylnaphthalene
Concen: 31.543 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	33.7	26.1	39.1

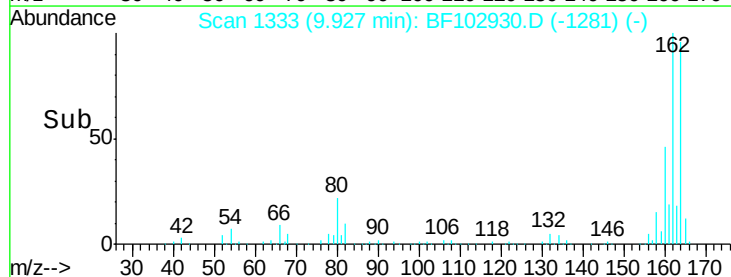
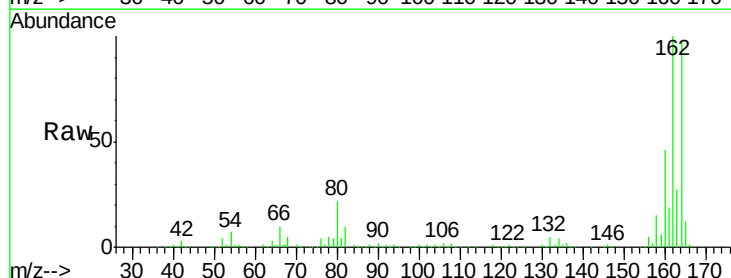
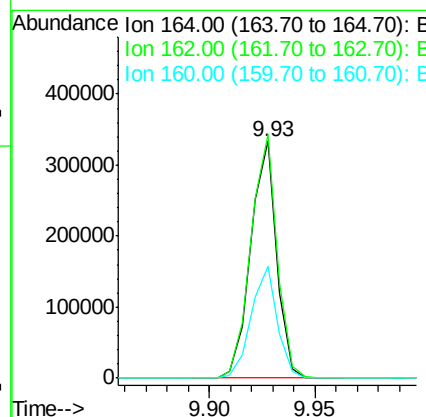
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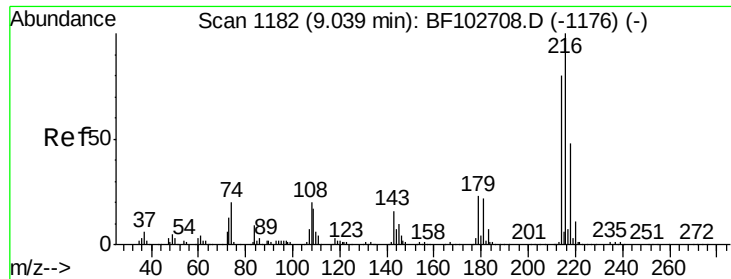
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.9	38.3	57.5





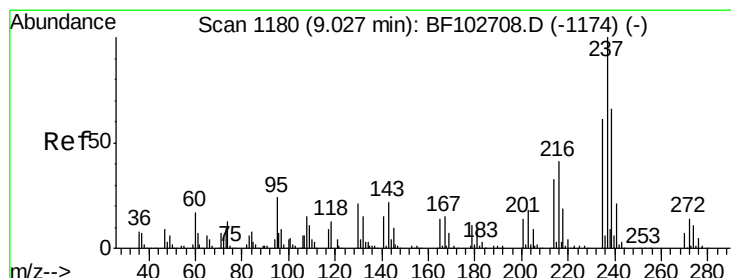
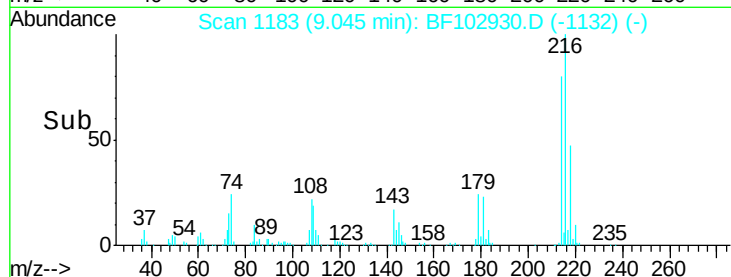
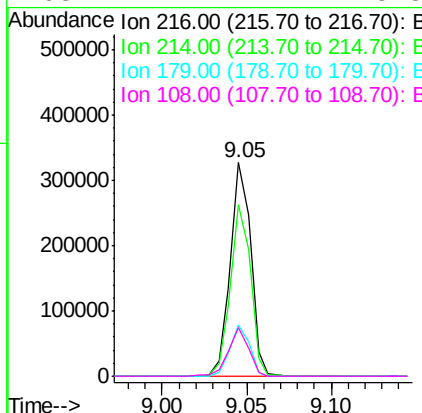
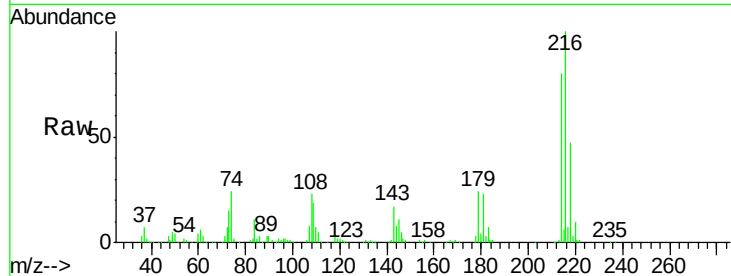
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.681 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleID :
 PB106454BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		274768		
214	79.3		63.0	94.4	
179	23.6		18.1	27.1	
108	22.4		17.2	25.8	

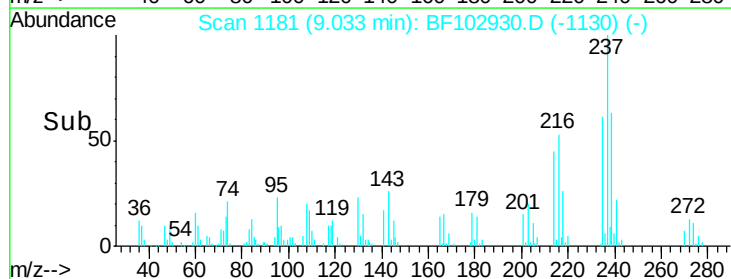
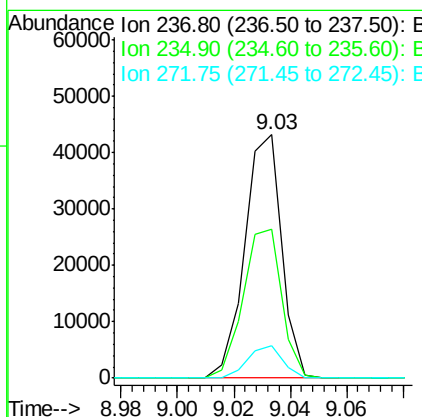
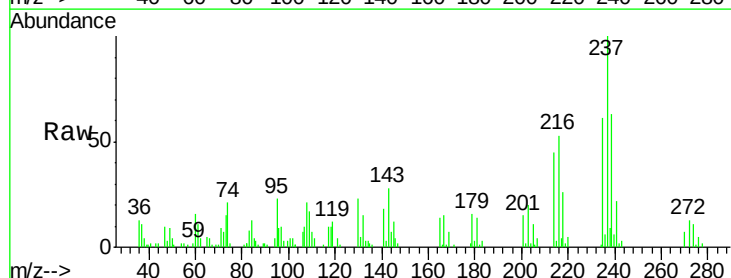
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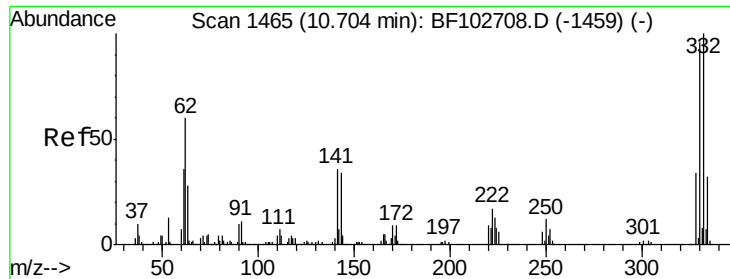
Sohil
 2/13/2018 11:26:00 AM



#40
 Hexachlorocyclopentadiene
 Concen: 10.704 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		39185		
235	61.0		44.8	84.8	
272	13.2		0.0	33.3	





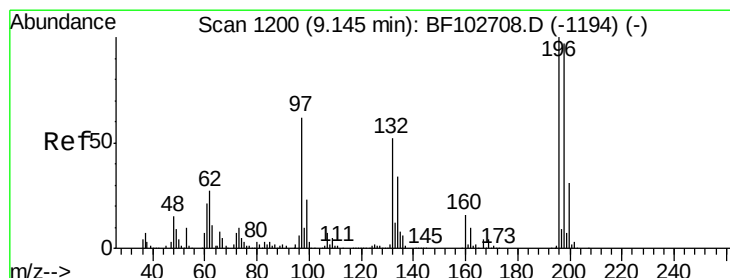
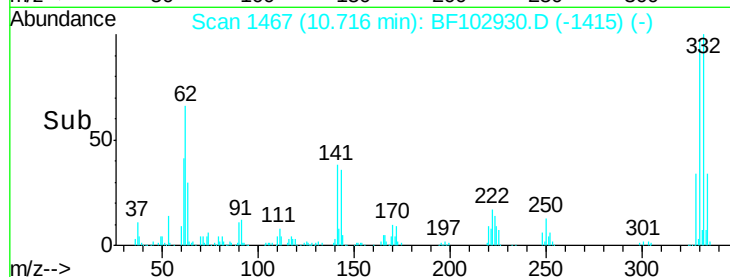
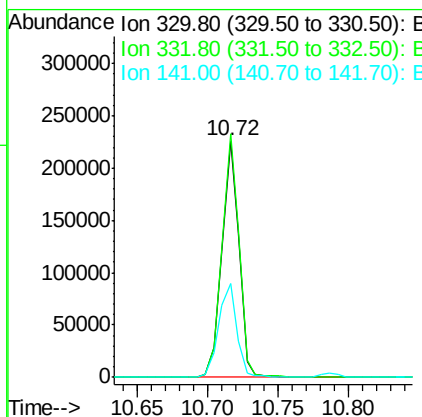
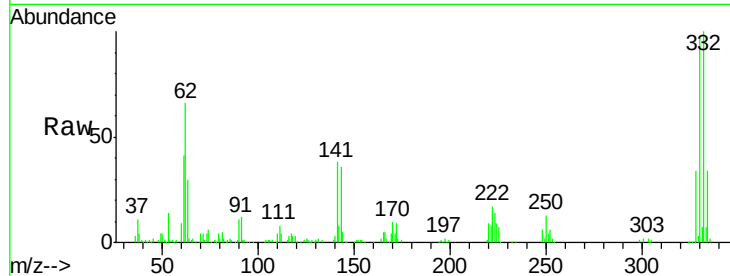
#41
 2,4,6-Tribromophenol
 Concen: 83.845 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.6	77.0	115.6	
141	42.0	29.9	44.9	

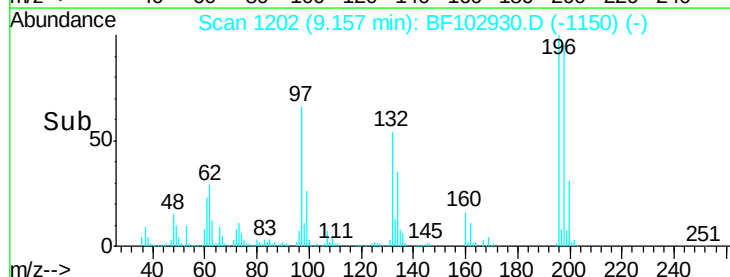
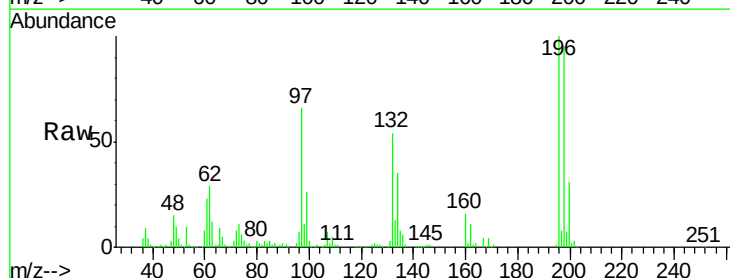
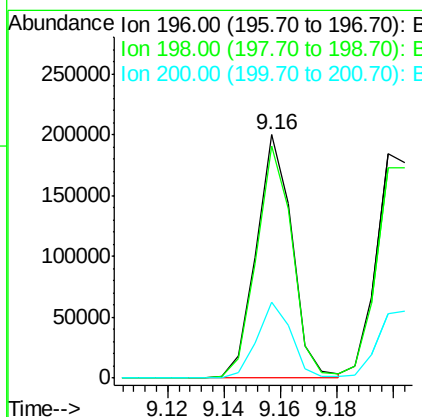
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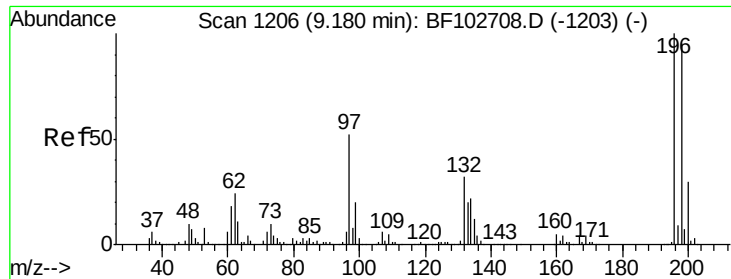
Sohil
 2/13/2018 11:26:00 AM



#42
 2,4,6-Trichlorophenol
 Concen: 34.795 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.2	75.7	113.5	
200	31.2	24.5	36.7	





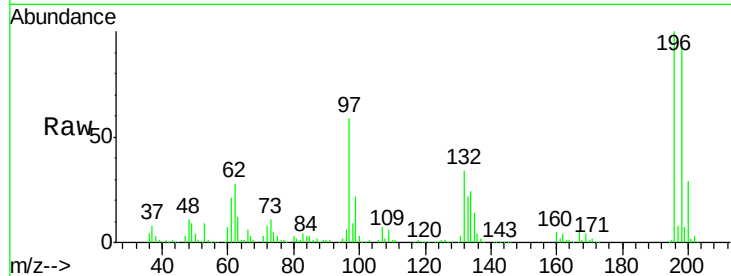
#43
 2,4,5-Trichlorophenol
 Concen: 31.602 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

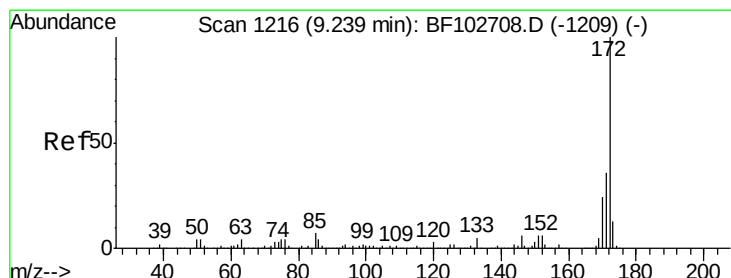
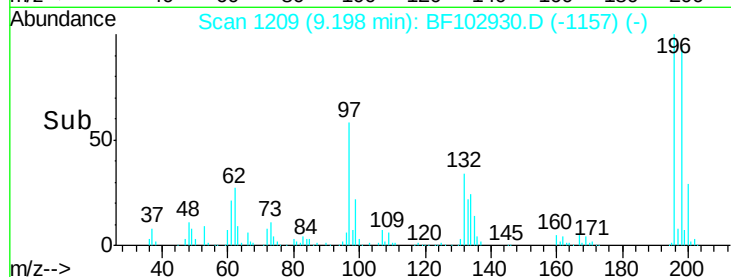
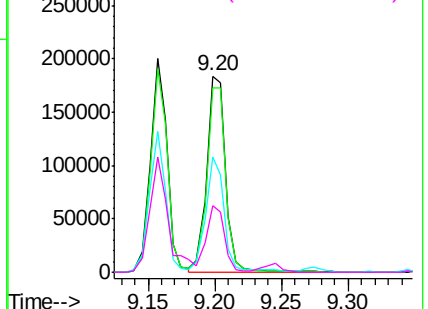
Tot Ion	Ratio	Resp	Lower	Upper
196	100	180155		
198	94.1	74.6	112.0	
97	58.7	42.9	64.3	
132	34.2	26.3	39.5	

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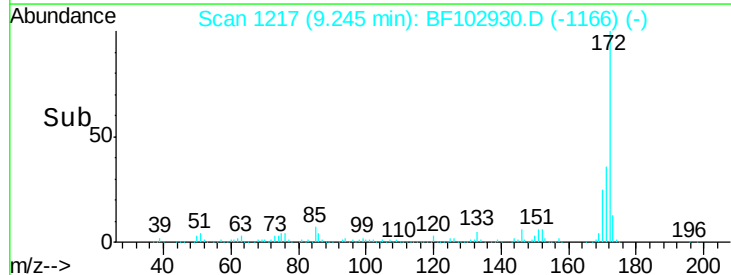
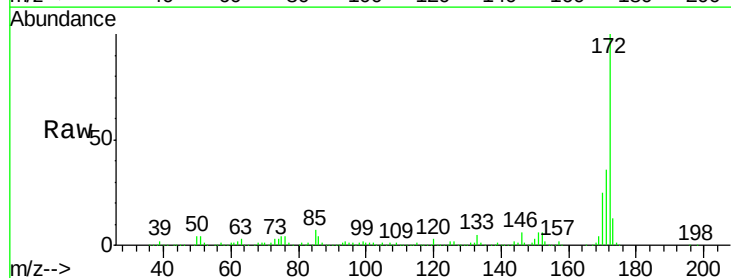
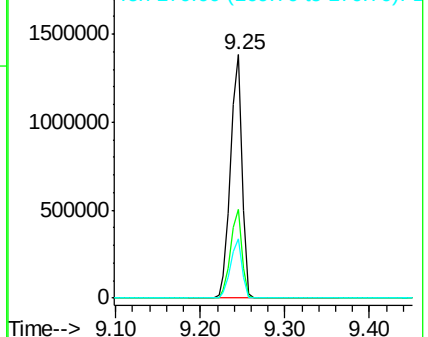
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

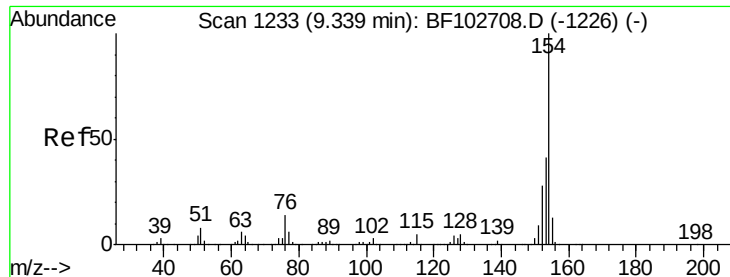


#44
 2-Fluorobiphenyl
 Concen: 75.560 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1287834		
171	36.2	29.7	44.5	
170	24.6	19.6	29.4	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.552 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

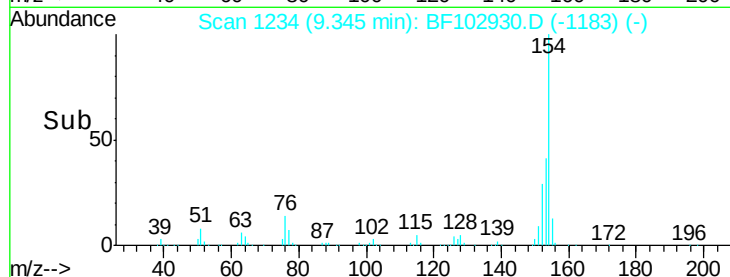
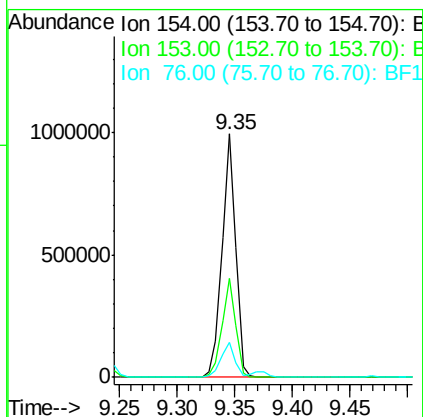
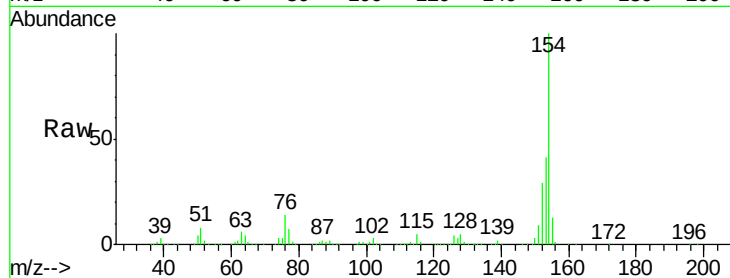
ClientSampled :

PB106454BS

Tot Ion:	154	Resp:	823066
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	14.5	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 33.511 ng

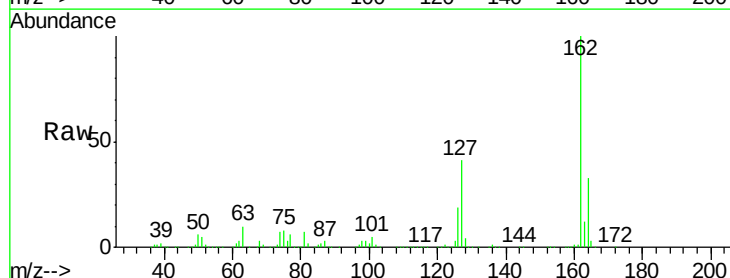
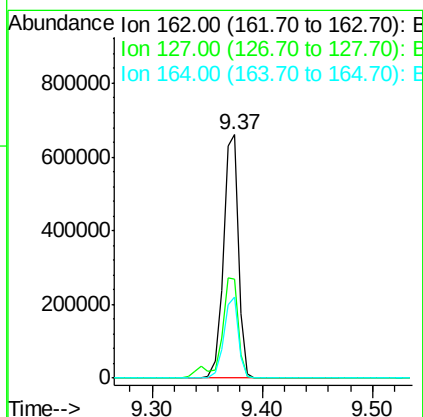
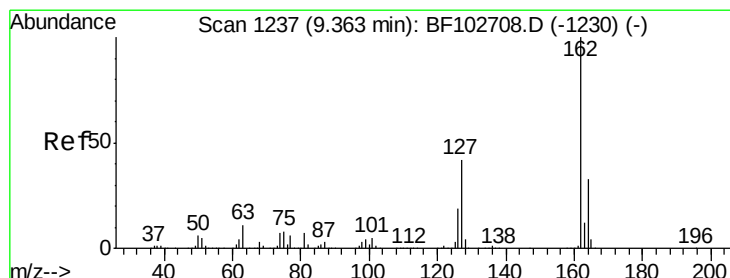
RT: 9.37 min Scan# 1239

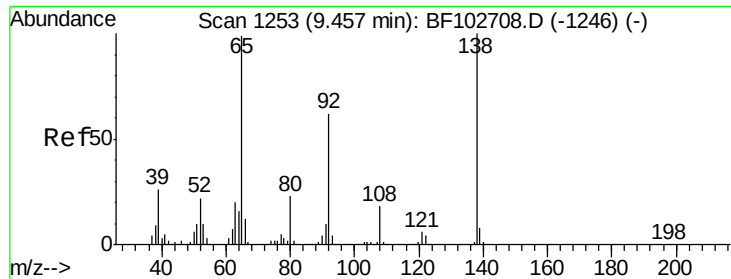
Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	162	Resp:	628442
Ion Ratio	Lower	Upper	
162	100		
127	40.7	33.9	50.9
164	33.0	26.5	39.7





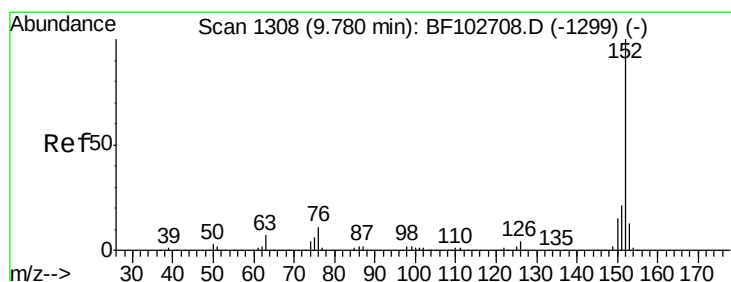
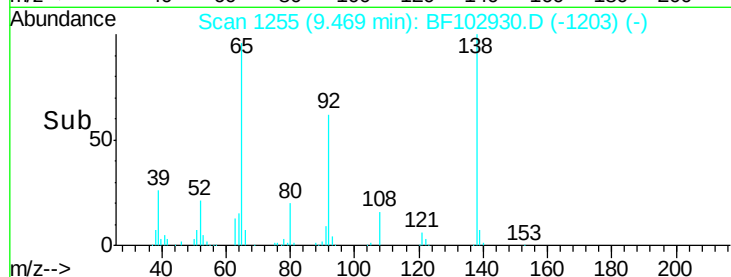
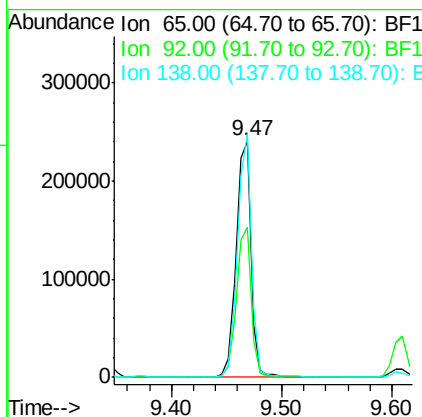
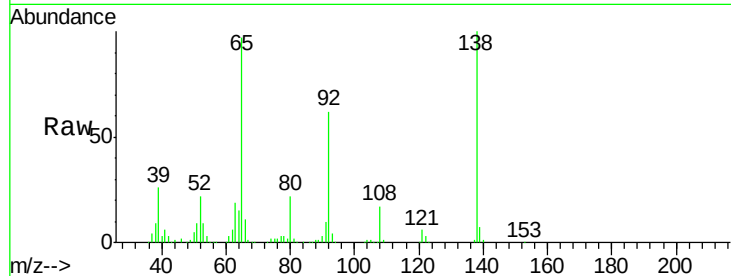
#47
2-Nitroaniline
Concen: 40.605 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	231639		
92	63.5	55.8	83.6	
138	103.1	91.2	136.8	

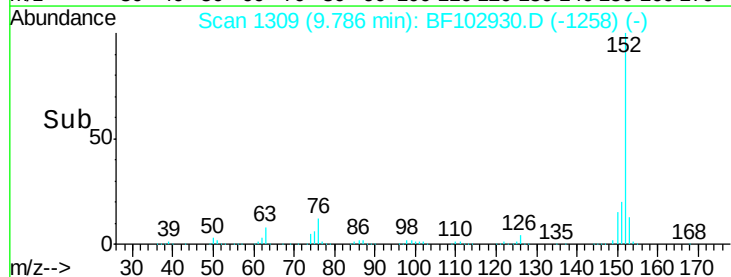
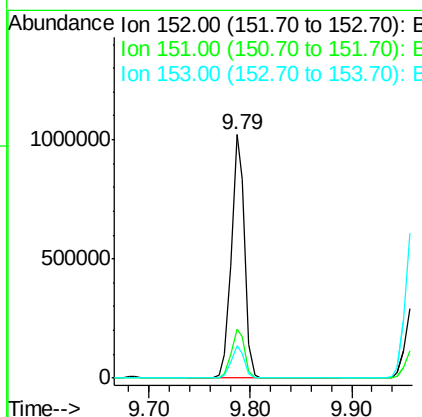
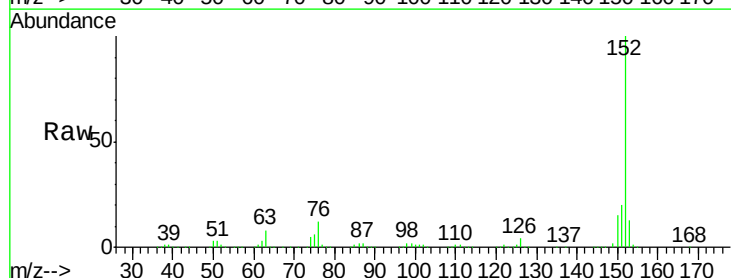
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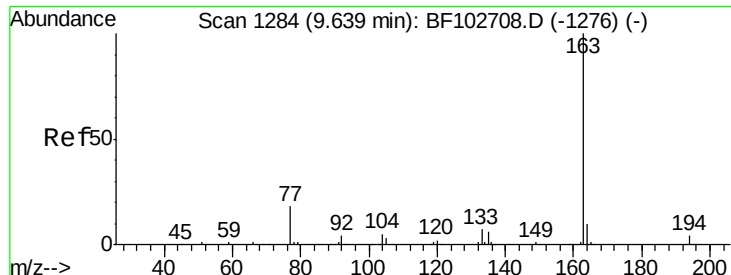
Sohil
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#48
Acenaphthylene
Concen: 31.564 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	919378		
151	20.3	16.3	24.5	
153	13.2	10.7	16.1	





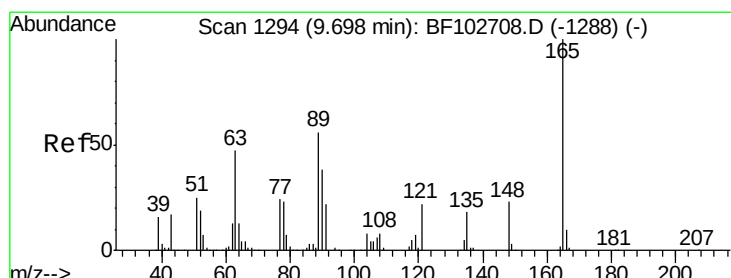
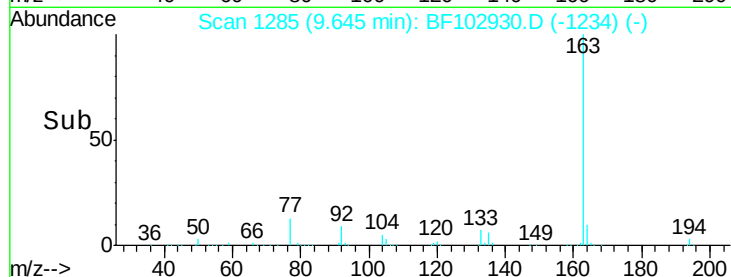
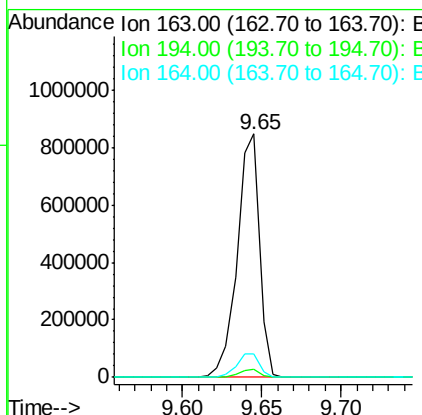
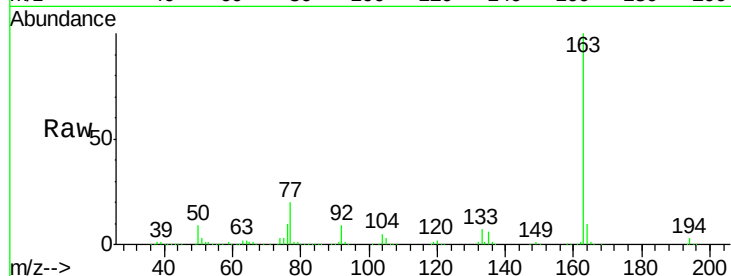
#49
 Dimethylphthalate
 Concen: 37.416 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	9.8	8.2	12.2	

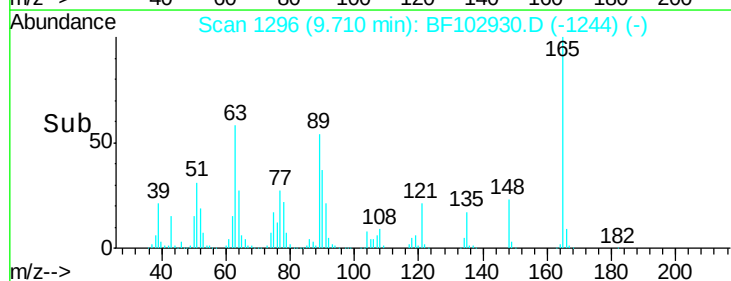
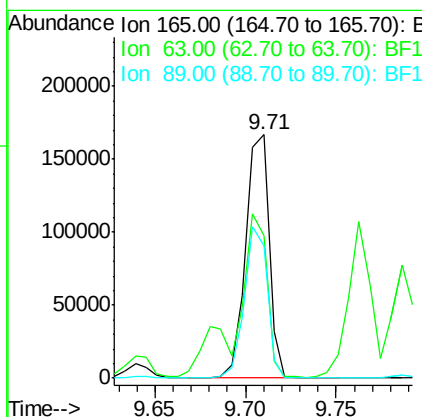
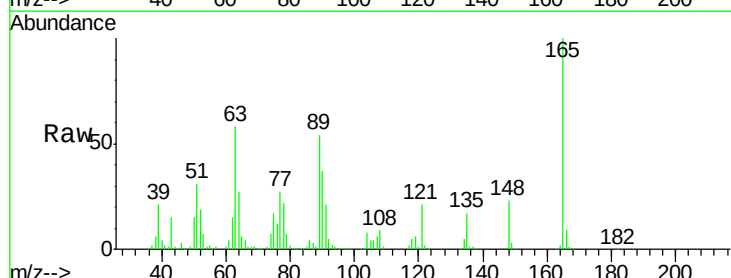
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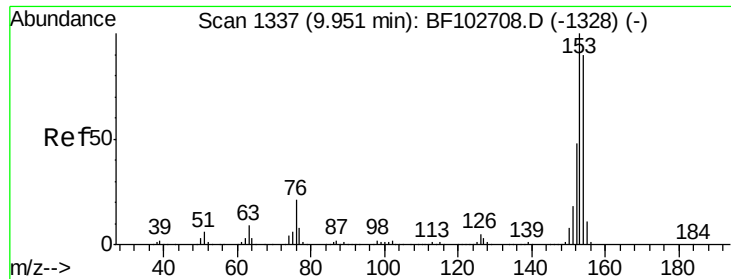
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#50
 2,6-Dinitrotoluene
 Concen: 35.986 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.3	44.7	67.1	
89	54.2	44.0	66.0	





#51

Acenaphthene

Concen: 30.598 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

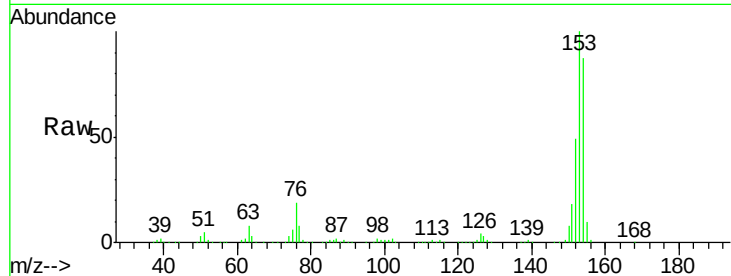
ClientSampleId :

PB106454BS

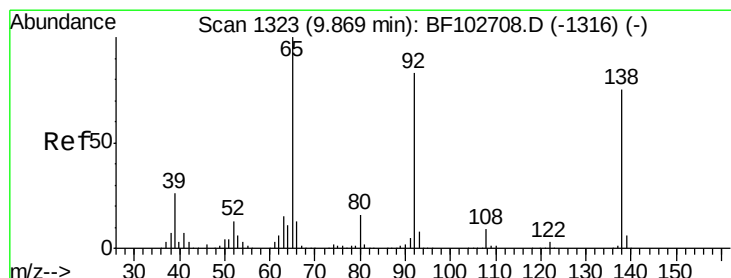
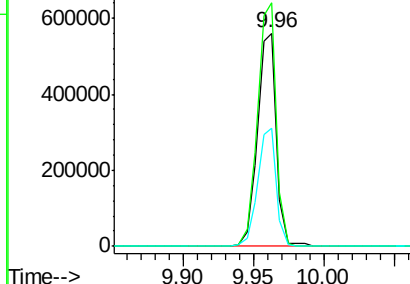
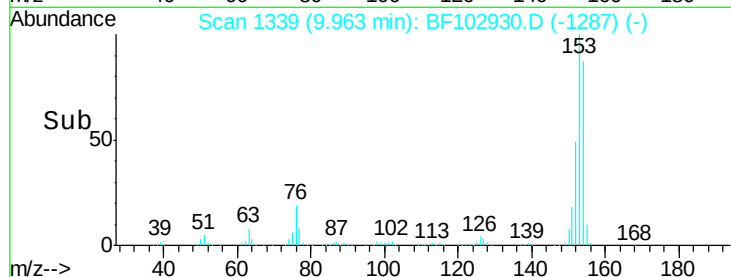
Tot Ion:	154	Resp:	532984
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	55.8	43.8	65.8

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



#52

3-Nitroaniline

Concen: 30.306 ng

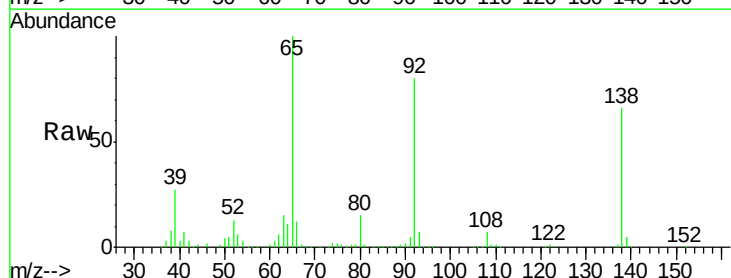
RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

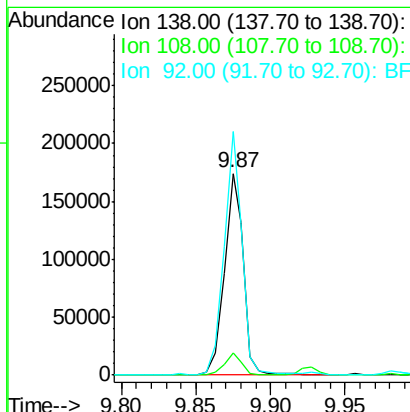
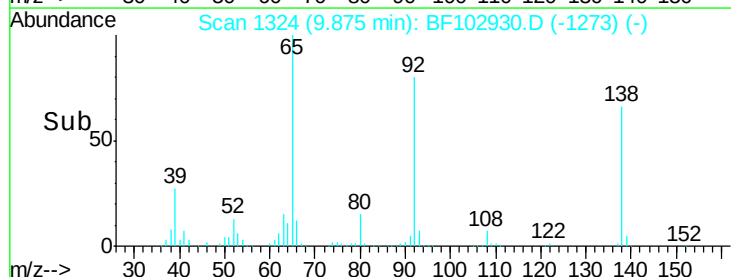
Lab File: BF102930.D

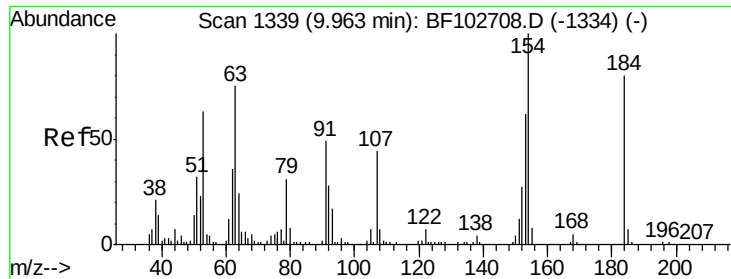
Acq: 12 Feb 2018 19:38

Tgt Ion:	138	Resp:	156447
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	120.8	89.4	134.2



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





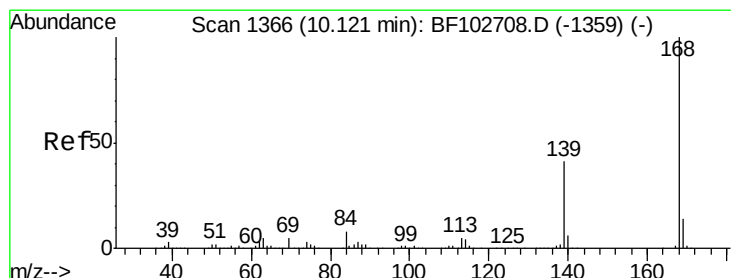
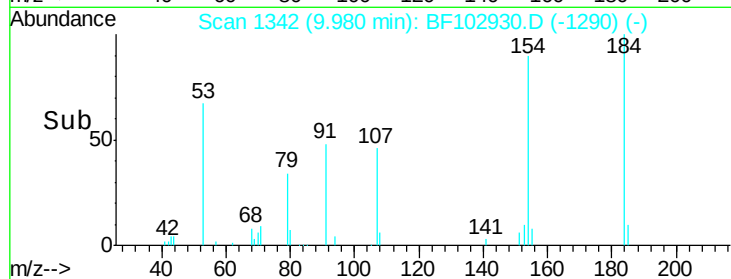
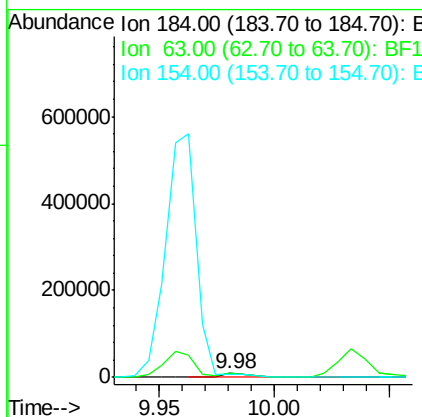
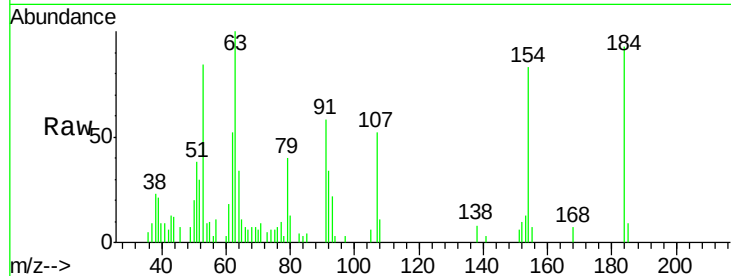
#53
2,4-Dinitrophenol
Concen: 18.594 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	107.7	54.2	81.2#
154	89.8	184.0	276.0#

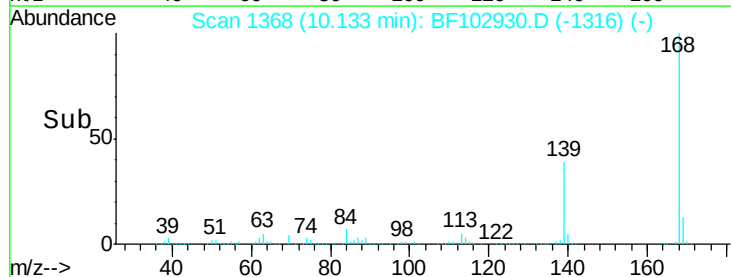
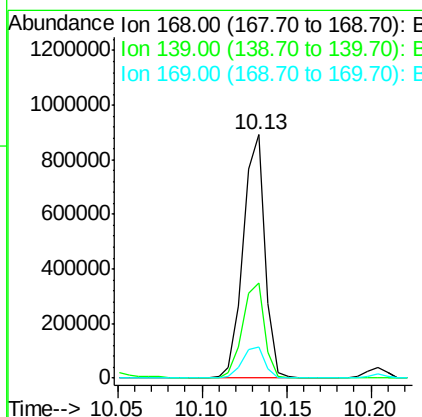
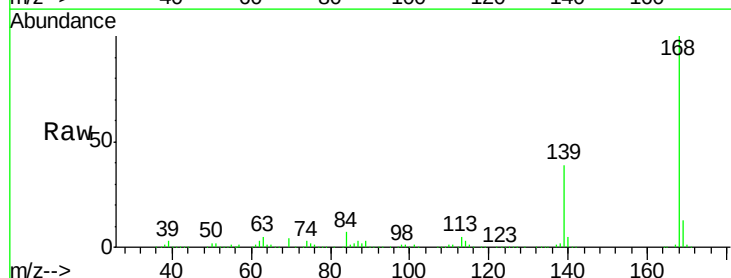
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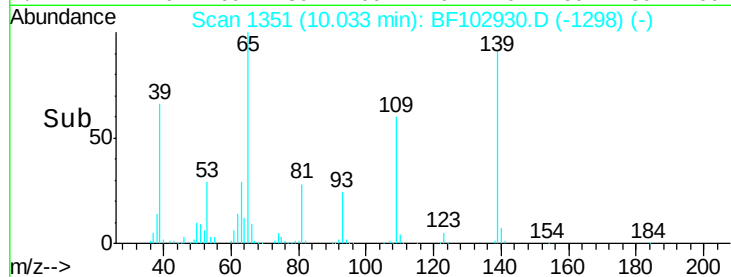
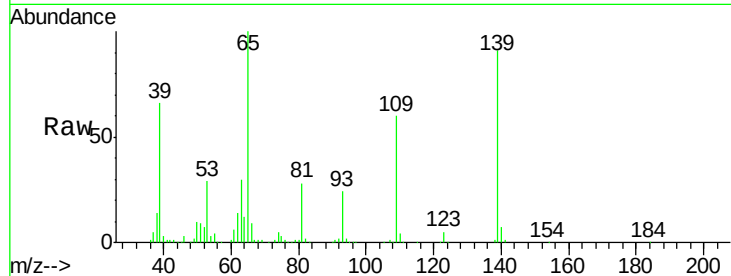
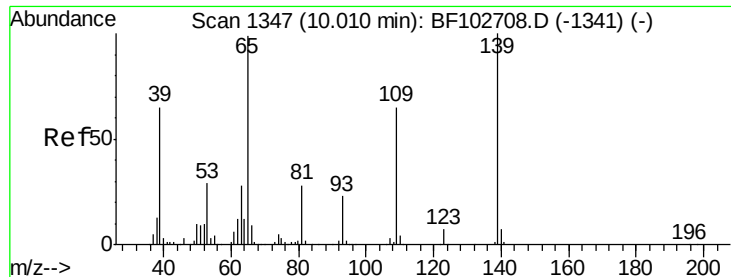
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#54
Dibenzofuran
Concen: 32.638 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	12.8	10.9	16.3





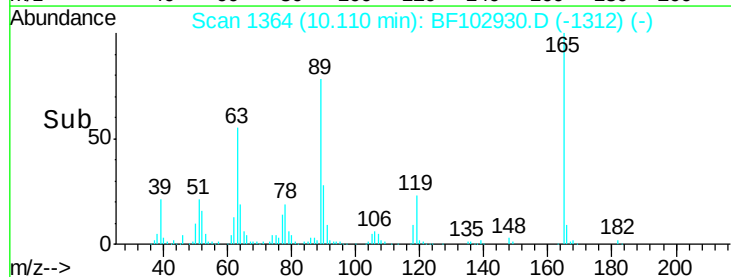
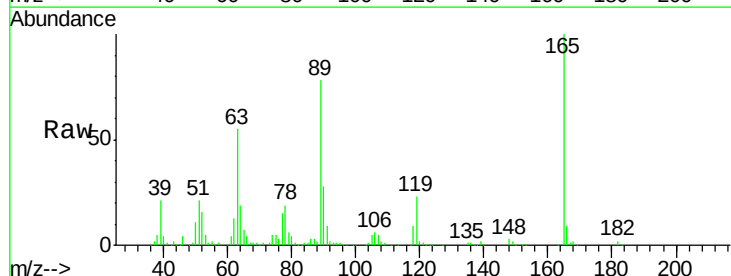
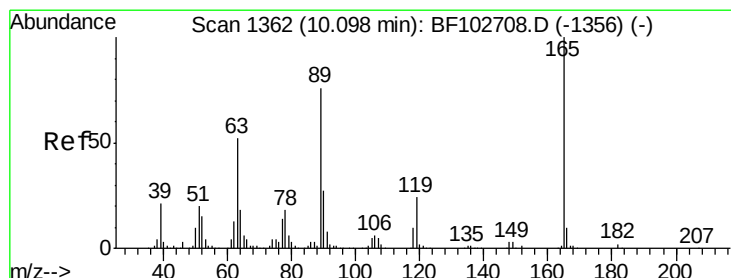
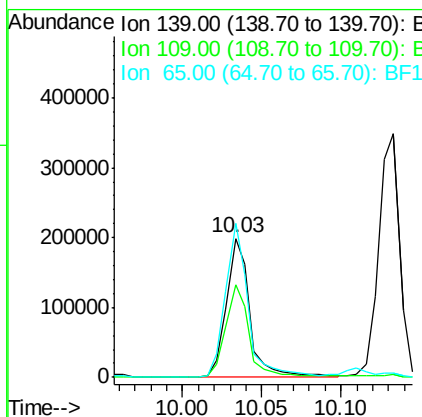
#55
4-Nitrophenol
Concen: 49.869 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	204788		
109	66.3	48.4	88.4	
65	110.3	72.6	112.6	

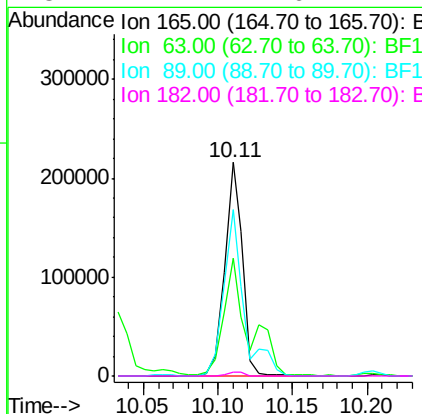
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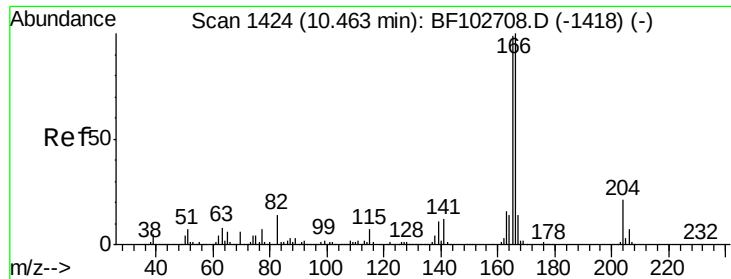
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#56
2,4-Dinitrotoluene
Concen: 33.193 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	181065		
63	55.1	36.4	54.6#	
89	78.0	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 31.768 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

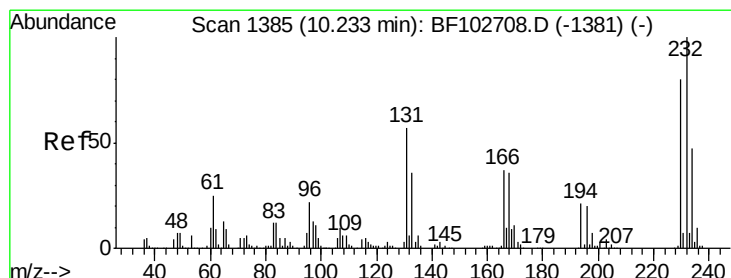
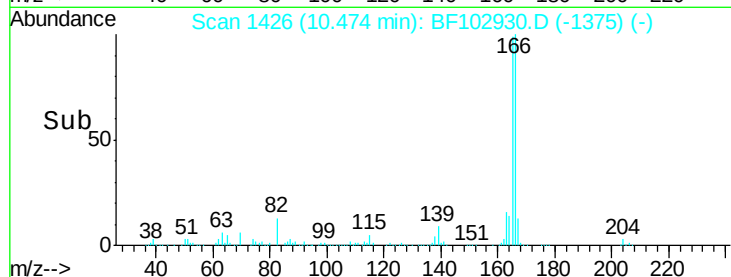
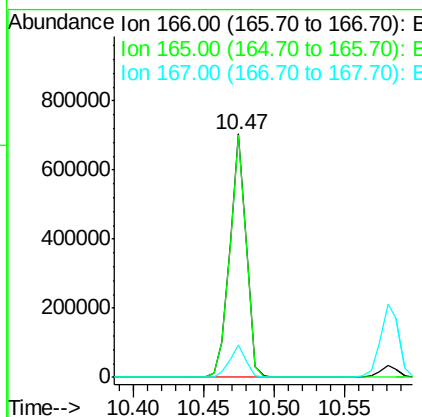
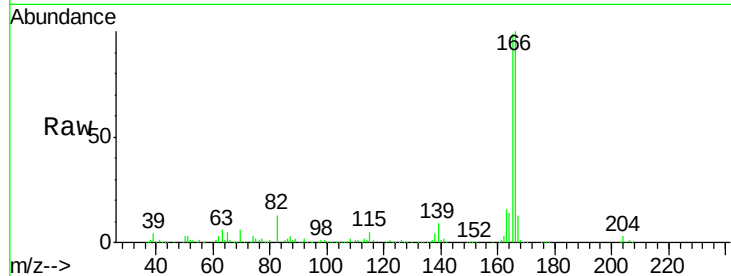
ClientSampleId :

PB106454BS

Tot Ion:	166	Resp:	567390
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 29.392 ng

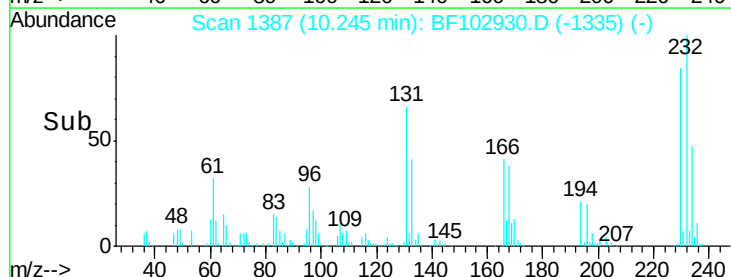
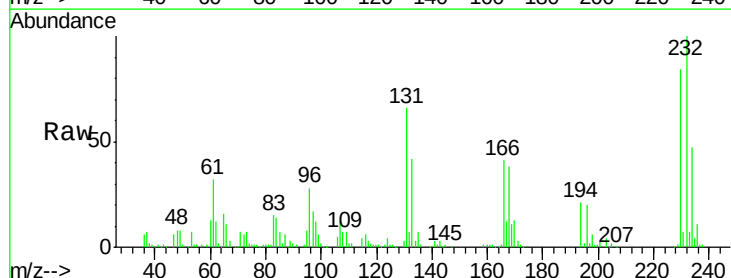
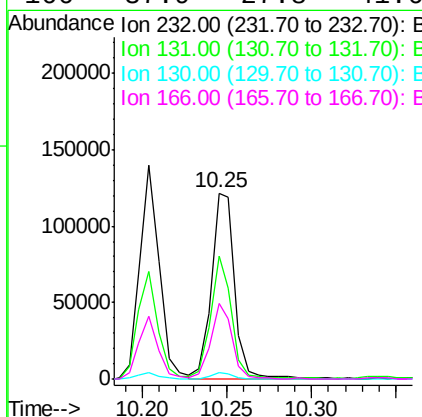
RT: 10.25 min Scan# 1387

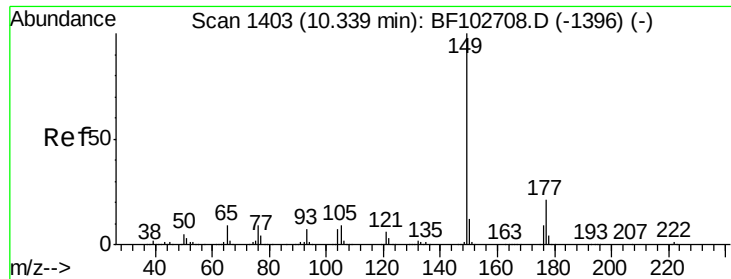
Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	232	Resp:	116134
Ion Ratio	Lower	Upper	
232	100		
131	61.1	43.8	65.8
130	3.0	2.1	3.1
166	37.9	27.8	41.6





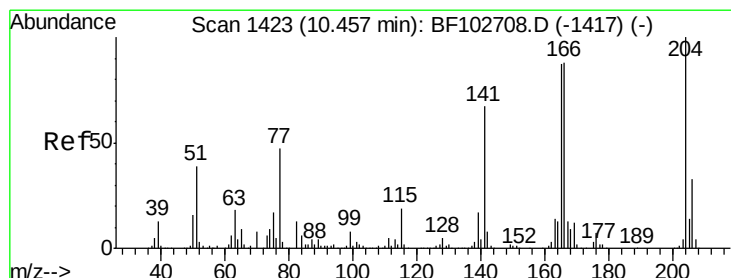
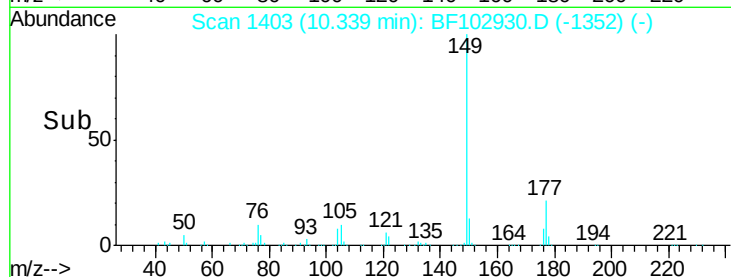
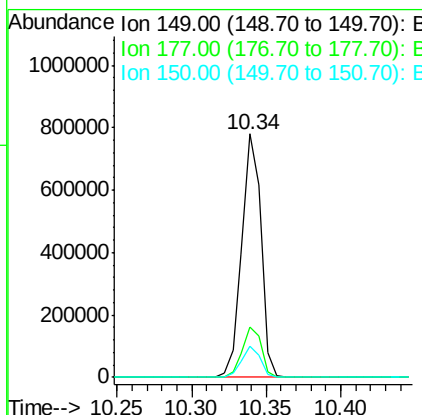
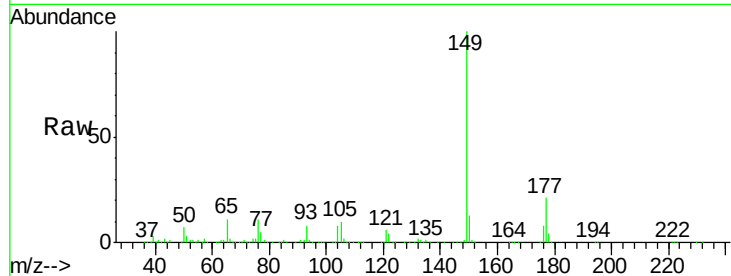
#59
Diethylphthalate
Concen: 32.222 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB106454BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.9	10.1	15.1

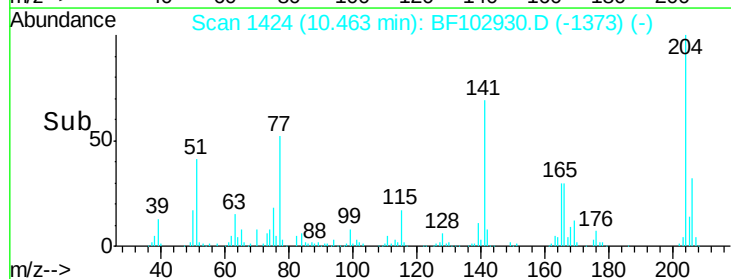
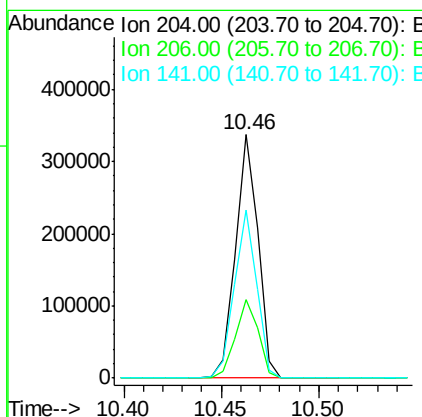
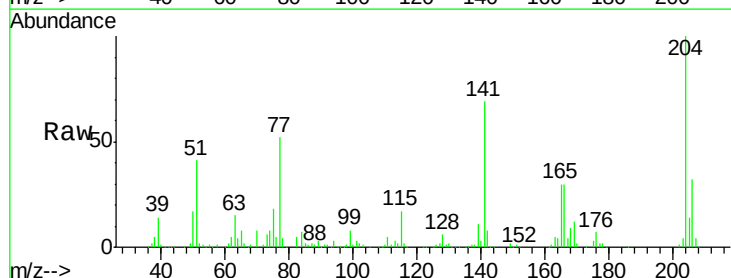
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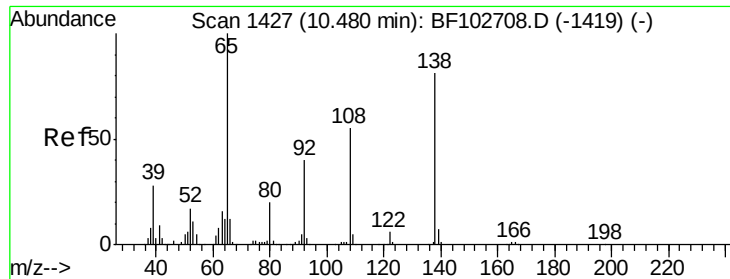
Sohil
2/13/2018 11:26:00 AM



#60
4-Chlorophenyl-phenylether
Concen: 33.974 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	69.1	54.6	81.8





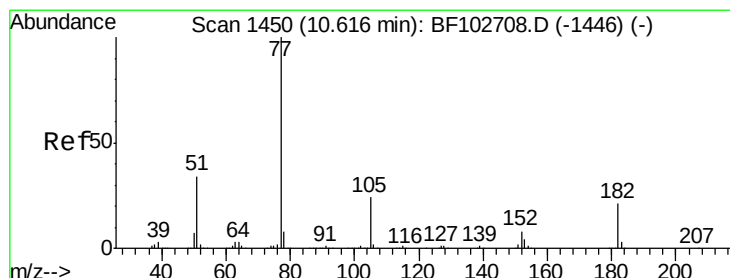
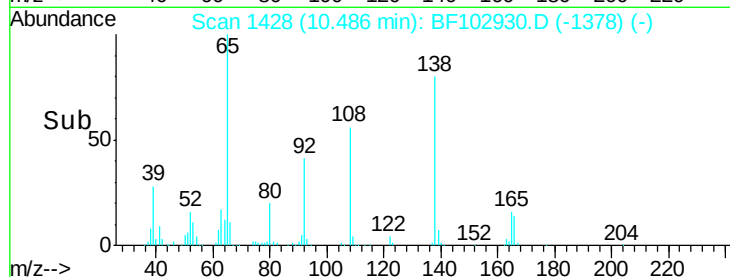
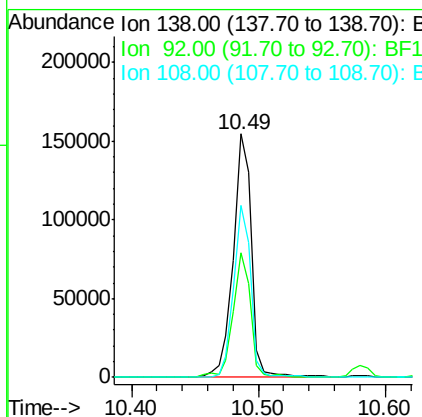
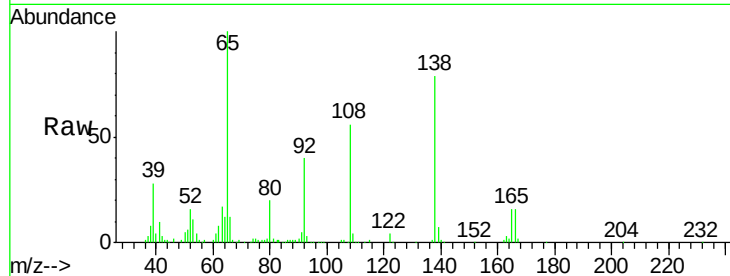
#61
4-Nitroaniline
Concen: 30.977 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.1	30.2	70.2
108	70.6	52.5	92.5

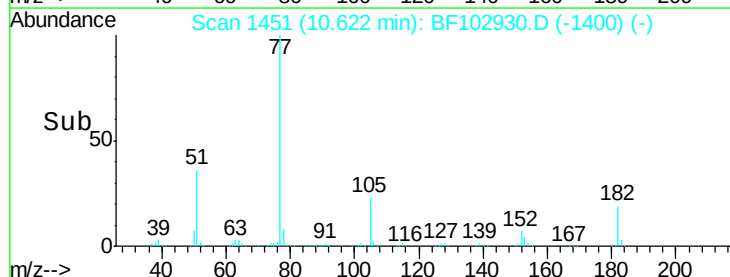
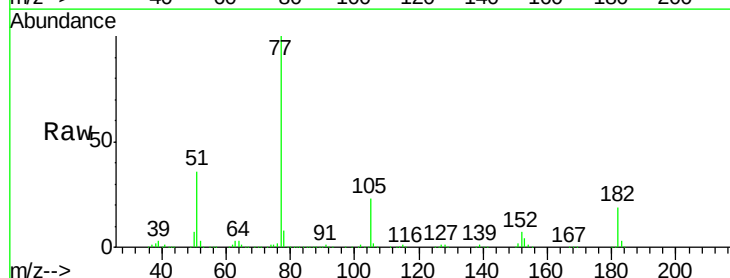
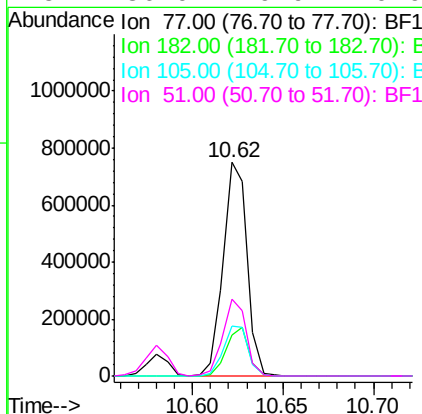
Manual Integrations
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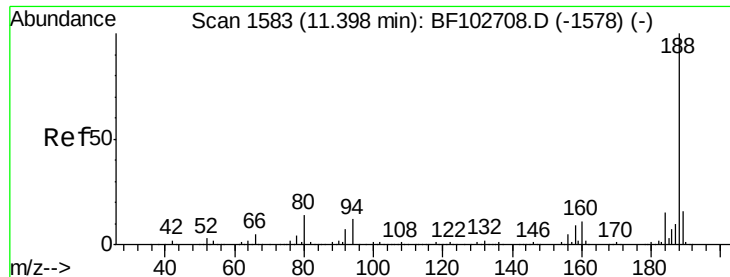
Sohil
2/13/2018 11:26:00 AM



#62
Azobenzene
Concen: 31.619 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.0	1.7	41.7
105	23.4	3.0	43.0
51	36.0	9.9	49.9





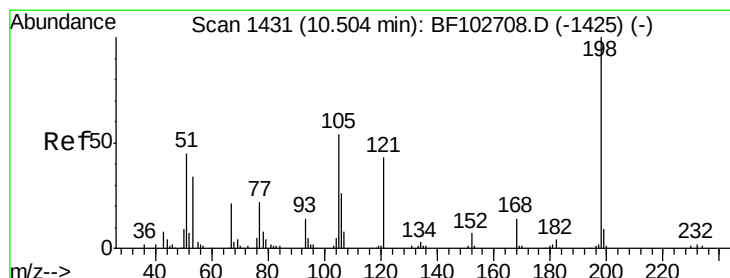
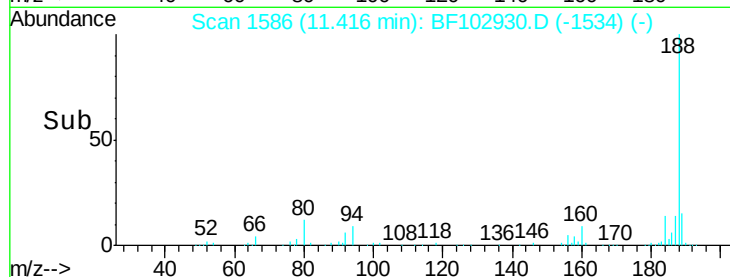
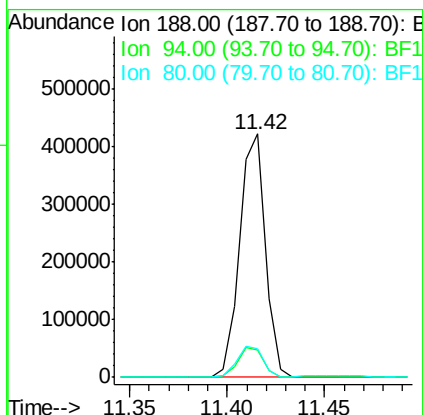
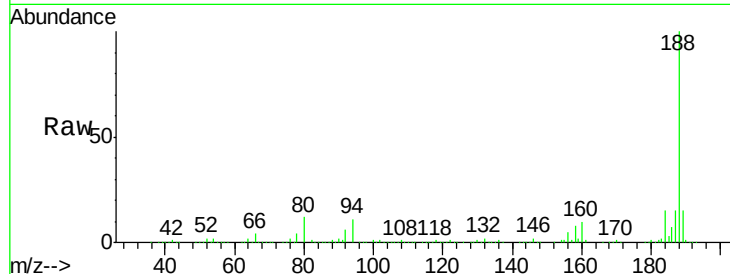
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	8.5	12.7
80	12.0	9.2	13.8

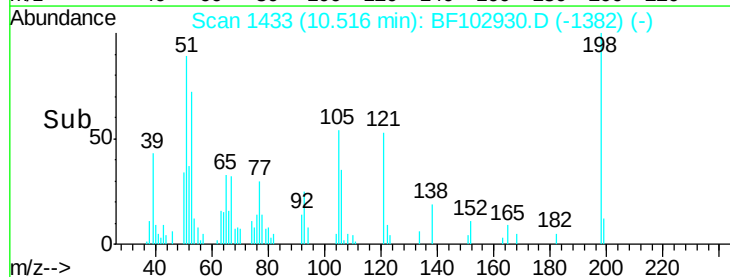
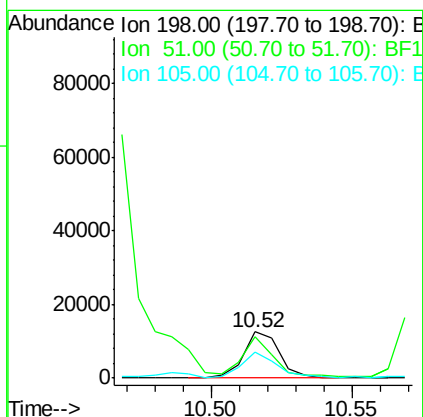
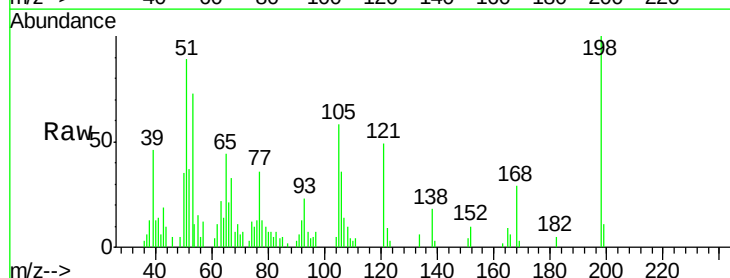
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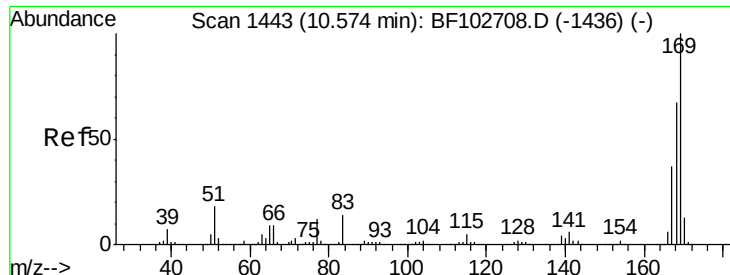
Sohil
2/13/2018 11:26:00 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 15.031 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	88.9	37.7	77.7#
105	57.8	36.3	76.3





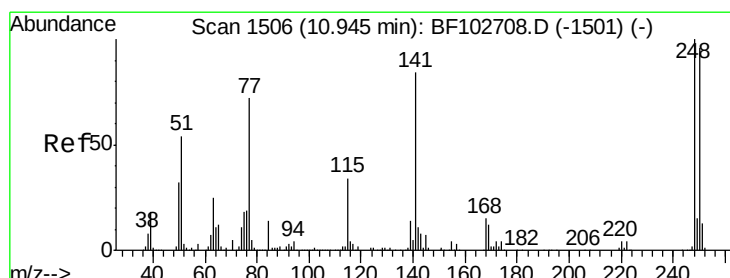
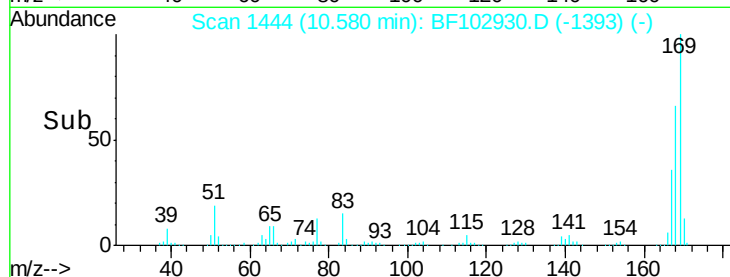
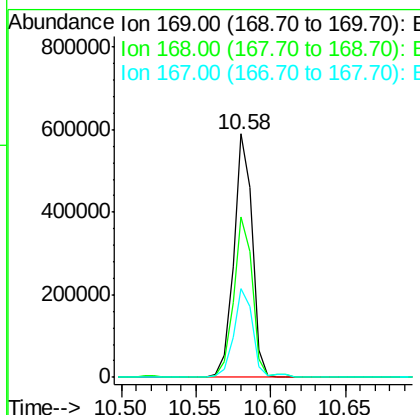
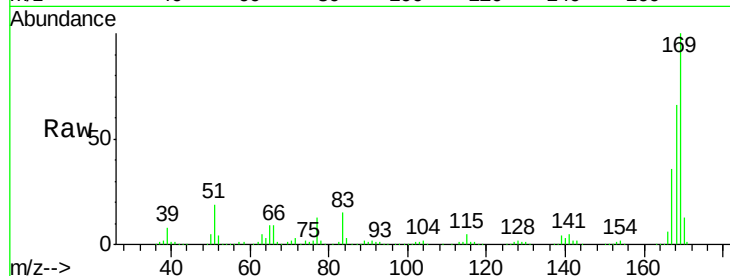
#65
n-Nitrosodiphenylamine
Concen: 37.900 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	516050		
168	66.0		54.4	81.6
167	36.2		29.8	44.6

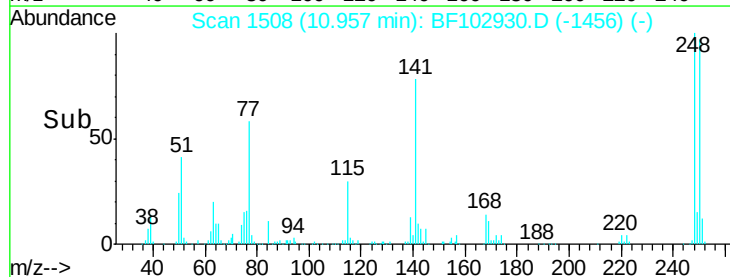
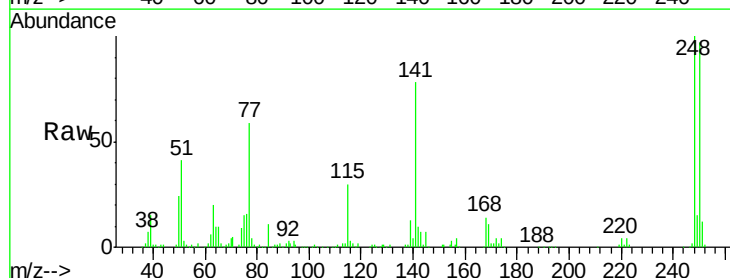
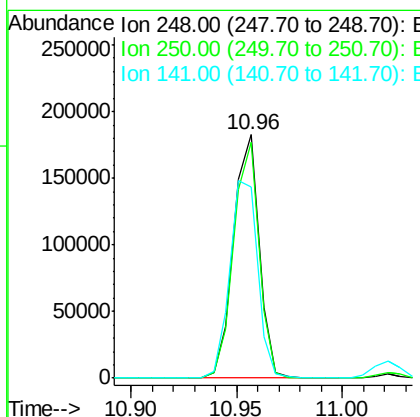
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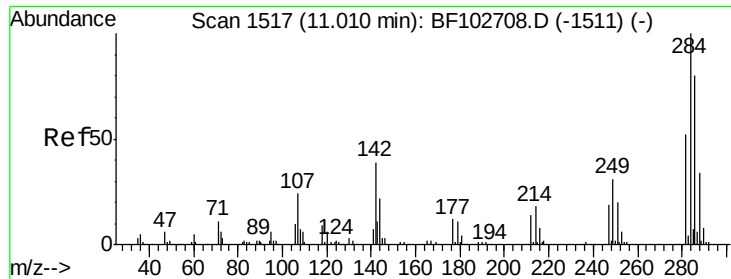
Sohil
2/13/2018 11:26:00 AM



#66
4-Bromophenyl-phenylether
Concen: 37.428 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	152836		
250	97.2		76.9	115.3
141	78.4		74.4	111.6





#67

Hexachlorobenzene

Concen: 32.347 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

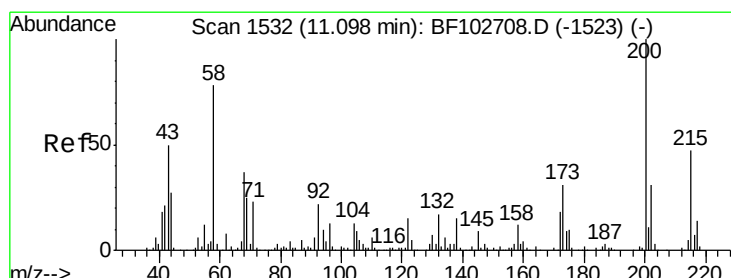
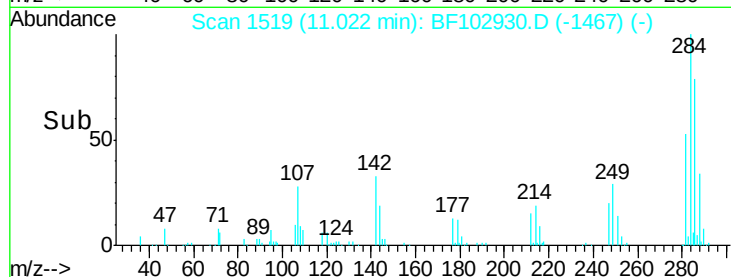
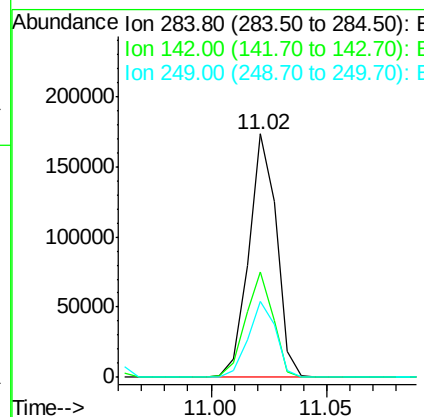
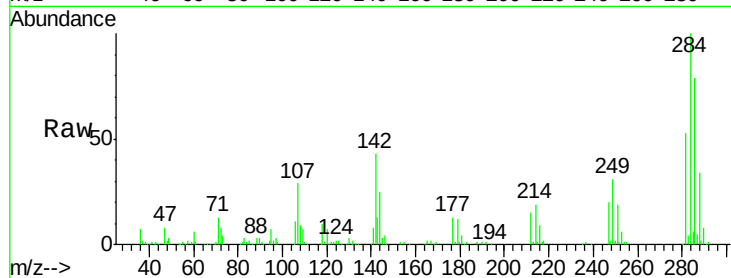
ClientSampleId :

PB106454BS

Tot Ion:	284	Resp:	145718
Ion Ratio		Lower	Upper
284	100		
142	43.4	34.6	52.0
249	31.4	24.8	37.2

Manual Integrations
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Sohil
2/13/2018 11:26:00 AM



#68

Atrazine

Concen: 33.246 ng

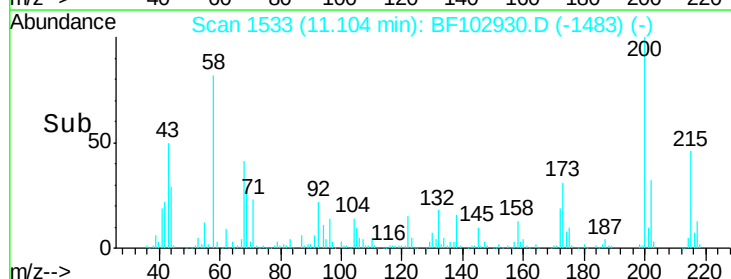
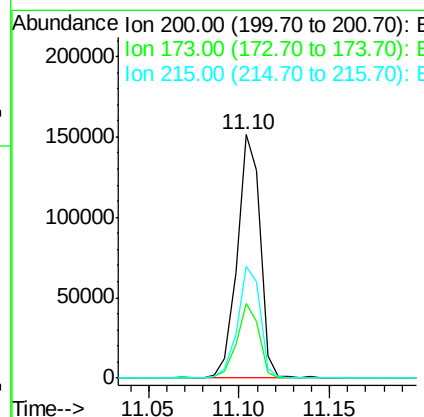
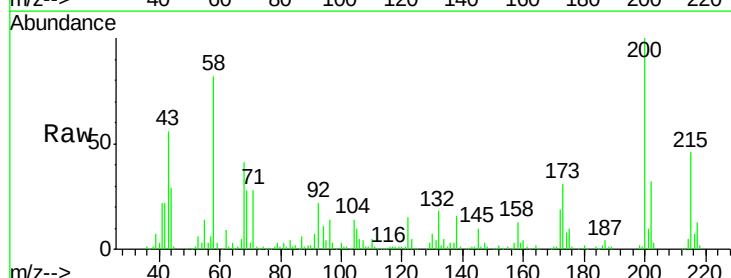
RT: 11.10 min Scan# 1533

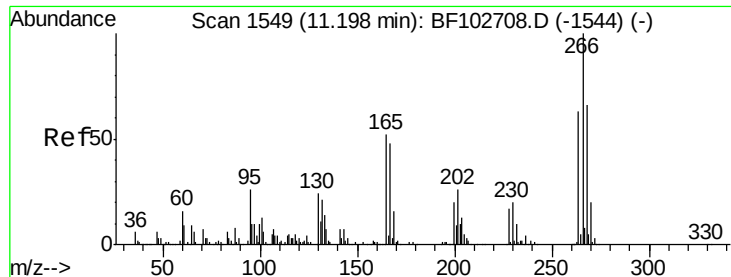
Delta R.T. -0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	200	Resp:	133549
Ion Ratio		Lower	Upper
200	100		
173	30.9	8.6	48.6
215	46.0	25.1	65.1





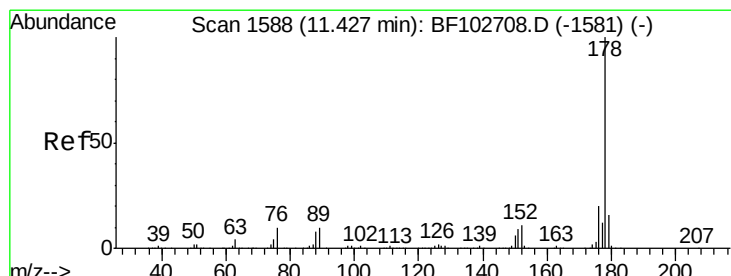
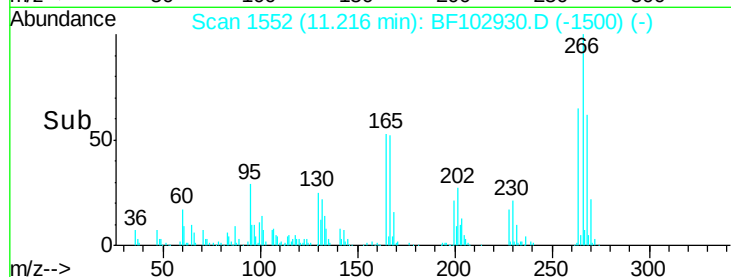
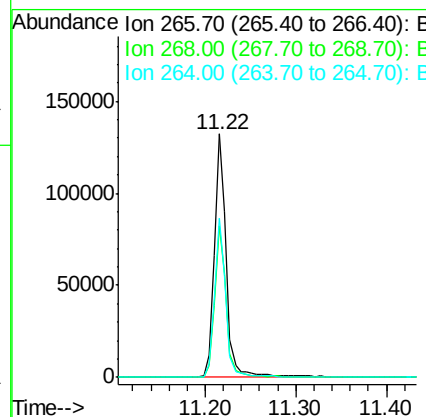
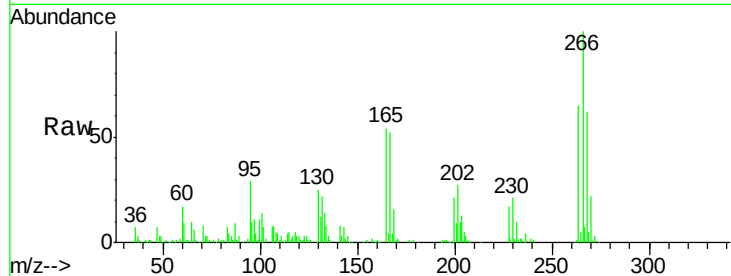
#69
 Pentachlorophenol
 Concen: 46.558 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123117		
268	62.1	51.1	76.7	
264	65.2	49.5	74.3	

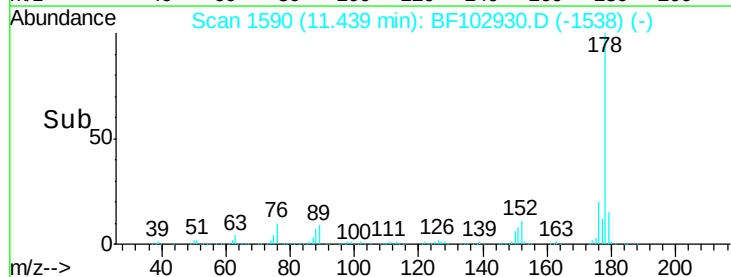
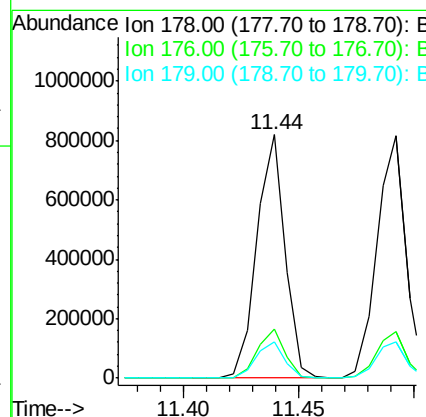
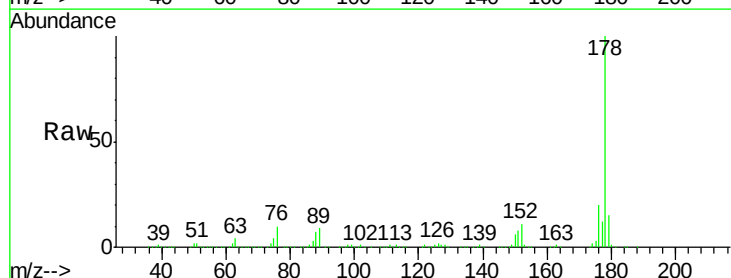
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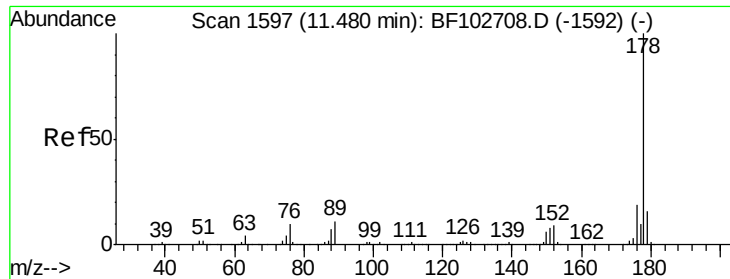
Sohil
 2/13/2018 11:26:00 AM



#70
 Phenanthrene
 Concen: 32.519 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	699135		
176	19.9	15.8	23.8	
179	15.0	13.0	19.6	





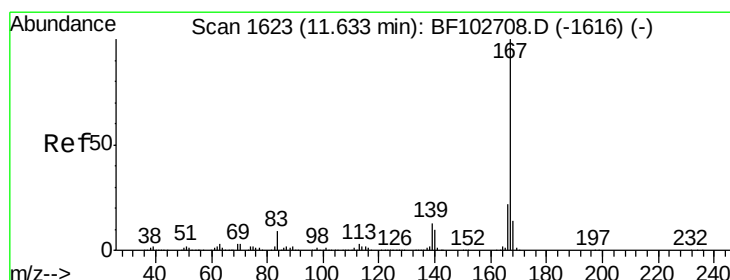
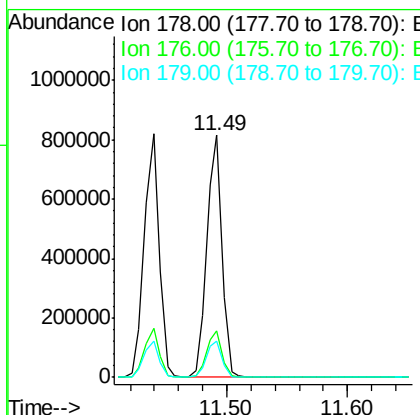
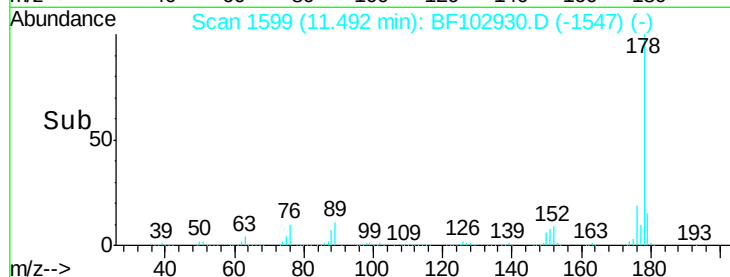
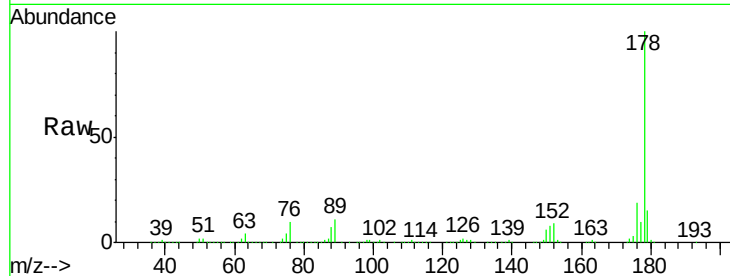
#71
 Anthracene
 Concen: 32.362 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.4	15.4	23.2	
179	15.2	12.6	19.0	

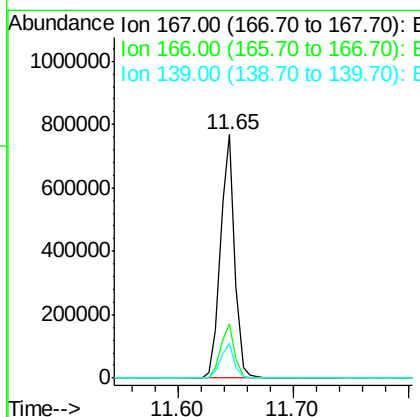
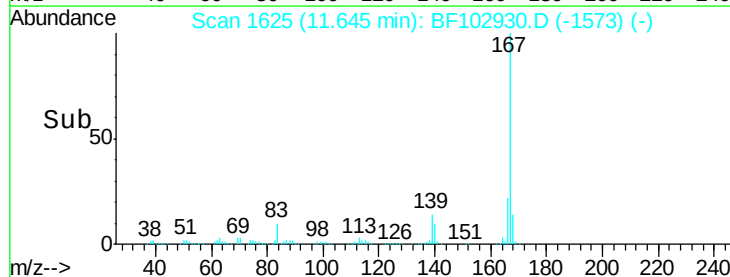
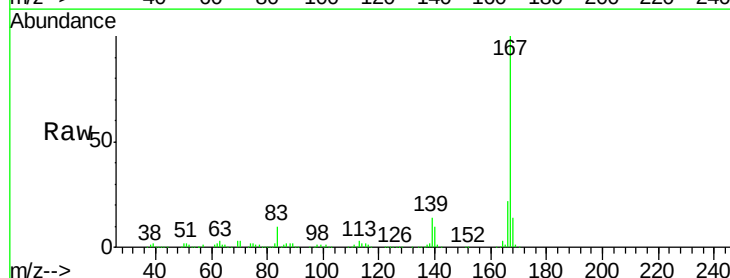
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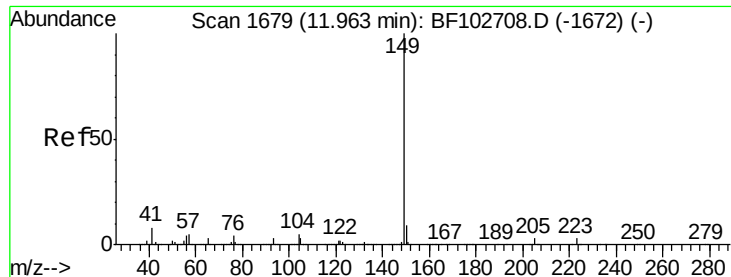
Sohil
 2/13/2018 11:26:00 AM



#72
 Carbazole
 Concen: 30.544 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.6	26.4	
139	14.2	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 36.335 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

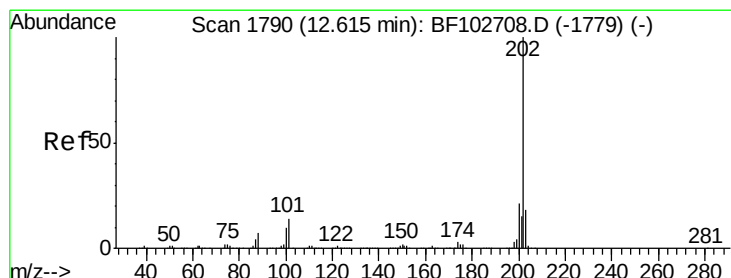
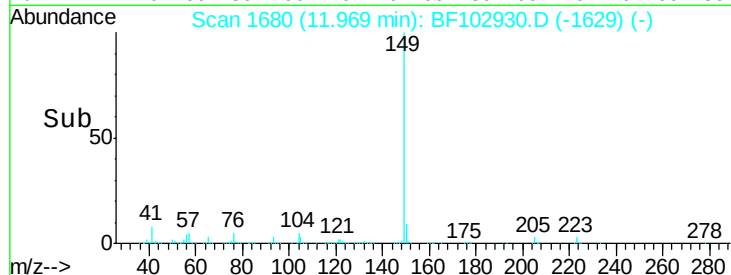
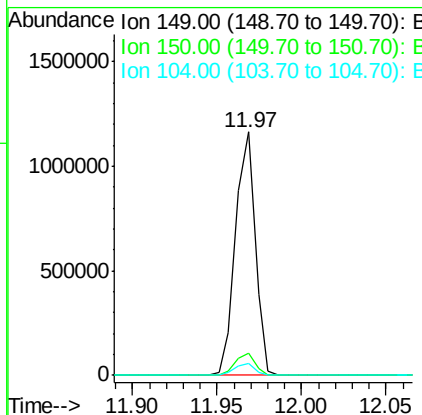
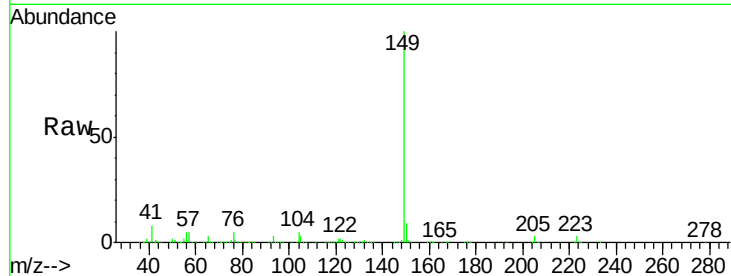
ClientSampleId :

PB106454BS

Tot Ion:	149	Resp:	945542
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.7	3.8	5.8

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2/13/2018 11:26:00 AM



#74

Fluoranthene

Concen: 30.328 ng

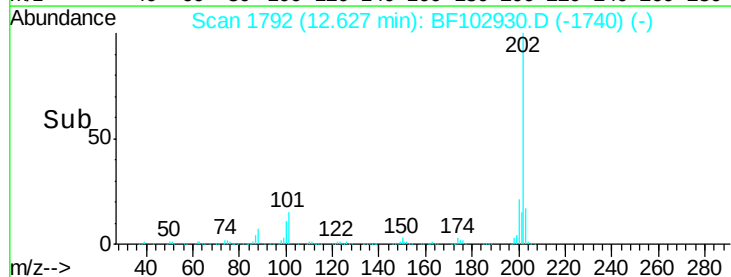
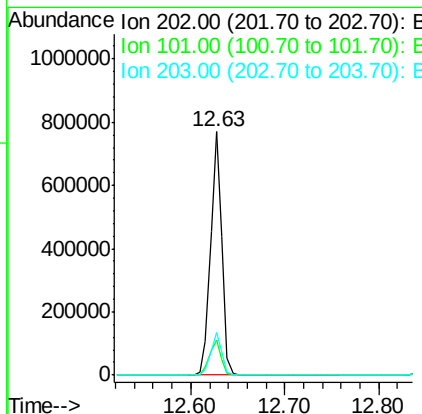
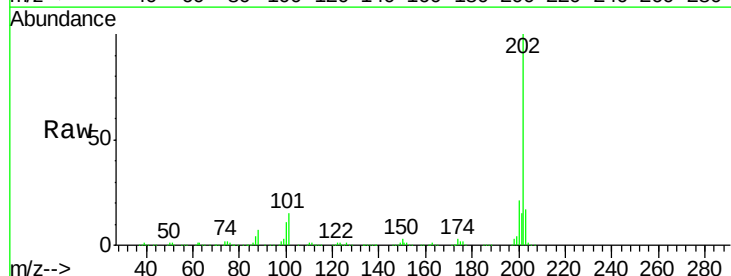
RT: 12.63 min Scan# 1792

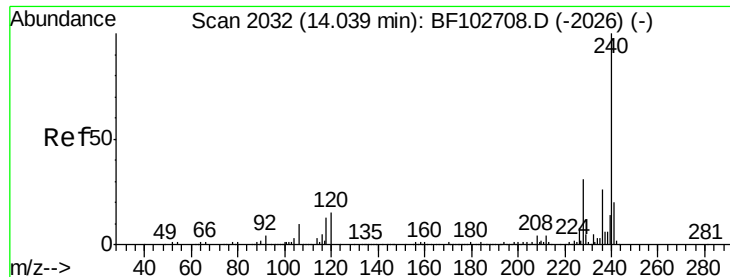
Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	202	Resp:	656016
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

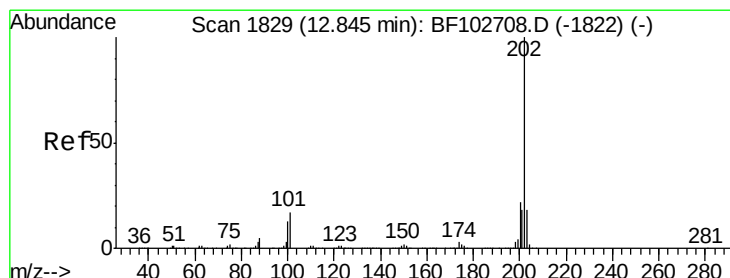
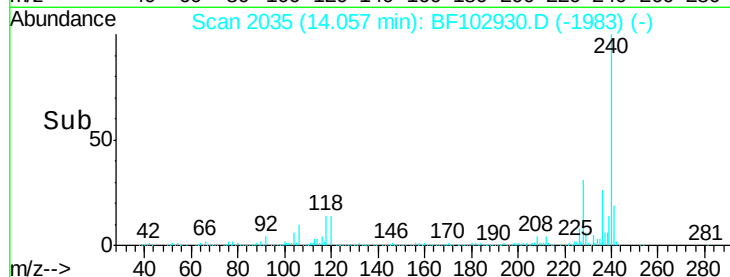
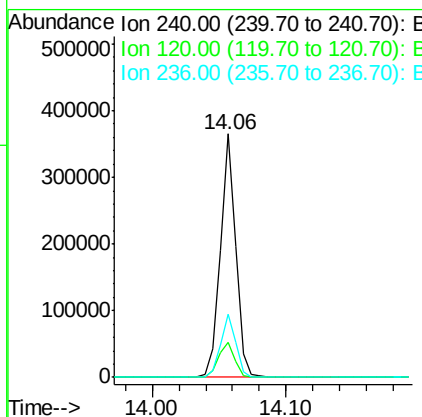
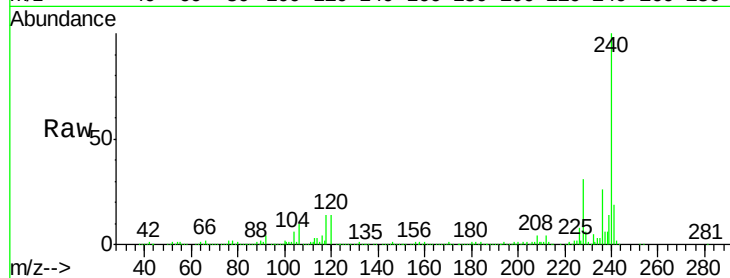
ClientSampleID :

PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	299879		
120	14.4	9.5	14.3#	
236	25.8	20.7	31.1	

Manual Integrations
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2/13/2018 11:26:00 AM



#77

Pyrene

Concen: 28.637 ng

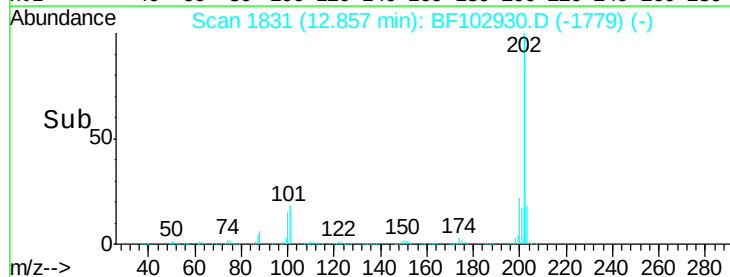
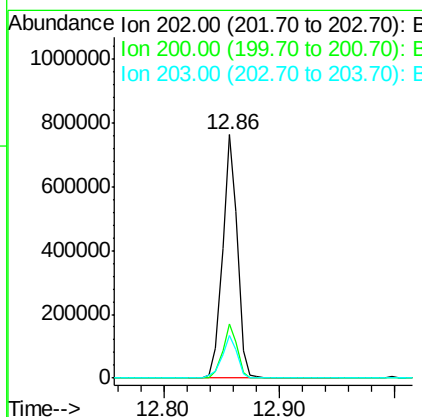
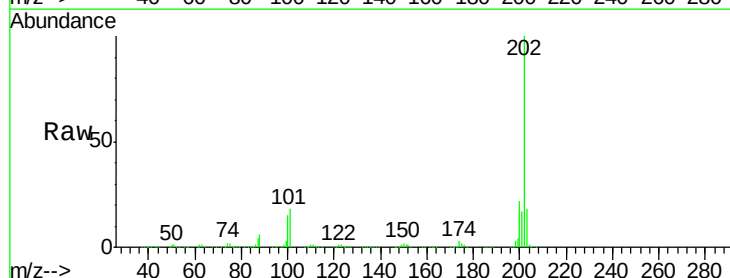
RT: 12.86 min Scan# 1831

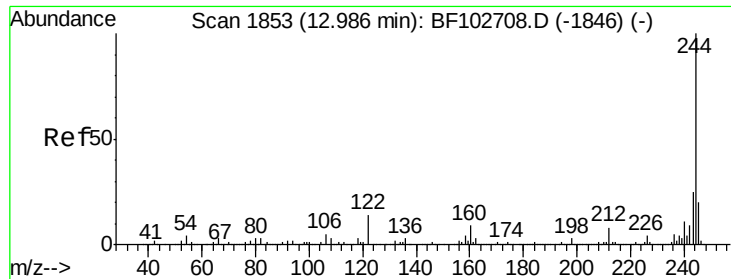
Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	673401		
200	22.0	17.4	26.2	
203	17.5	14.3	21.5	





#78

Terphenyl-d14

Concen: 66.014 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

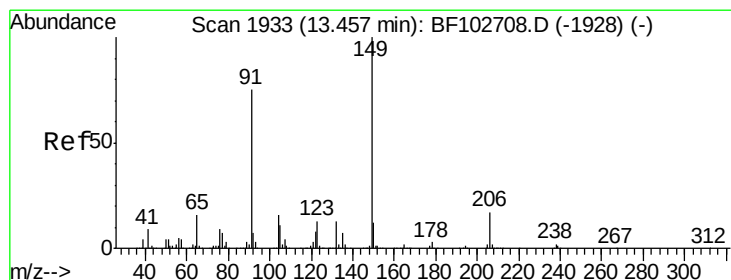
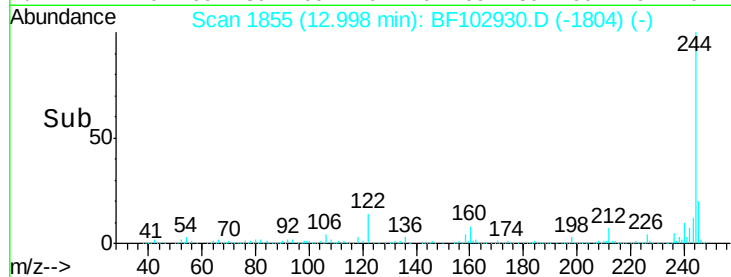
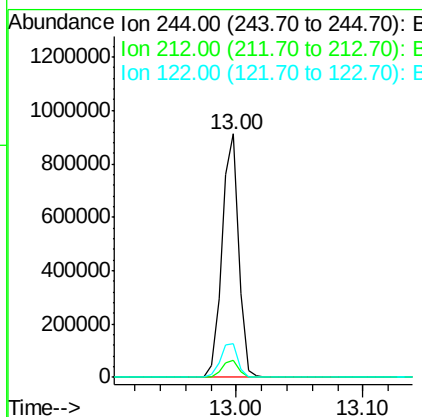
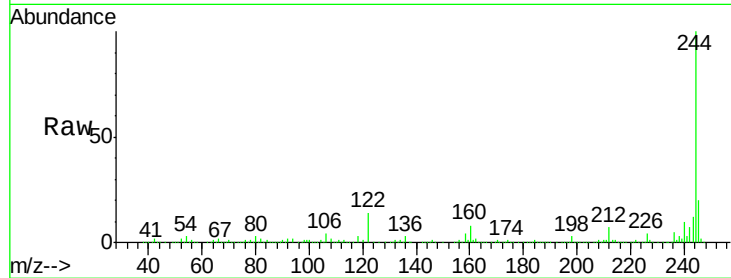
ClientSampleId :

PB106454BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.7	11.0	16.4

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#79

Butylbenzylphthalate

Concen: 32.307 ng

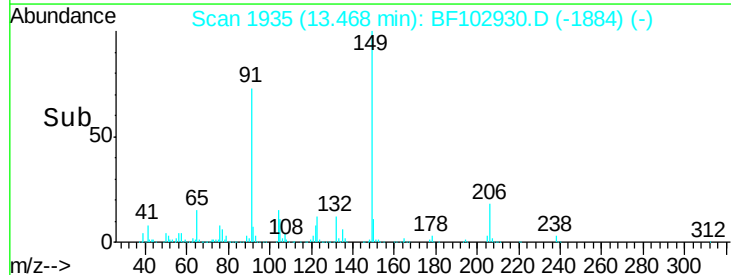
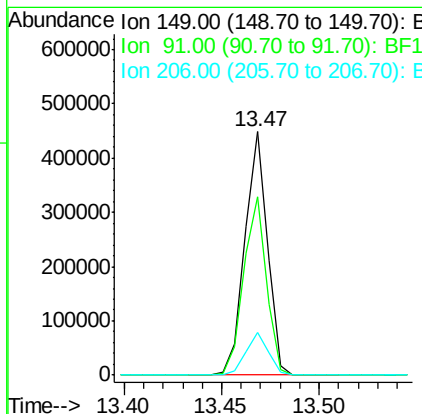
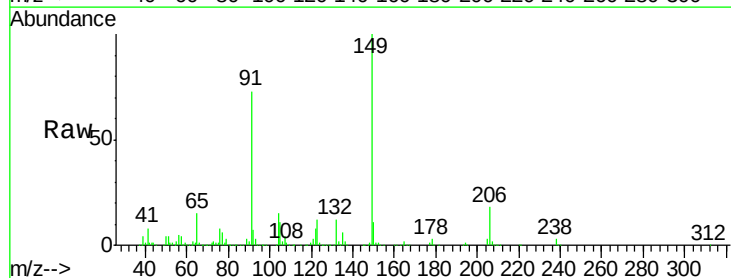
RT: 13.47 min Scan# 1935

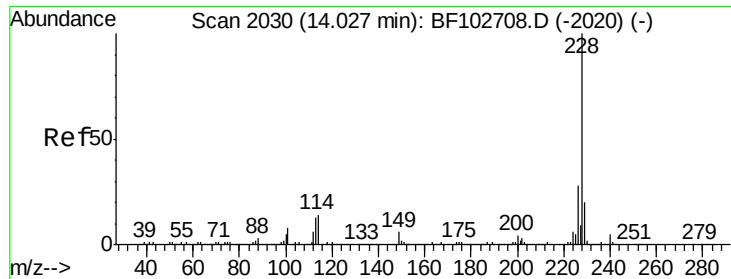
Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.8	85.2
206	17.6	14.1	21.1





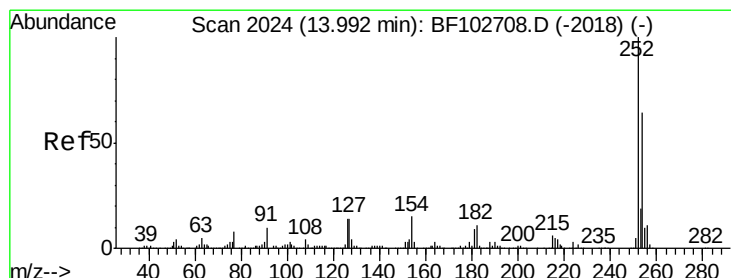
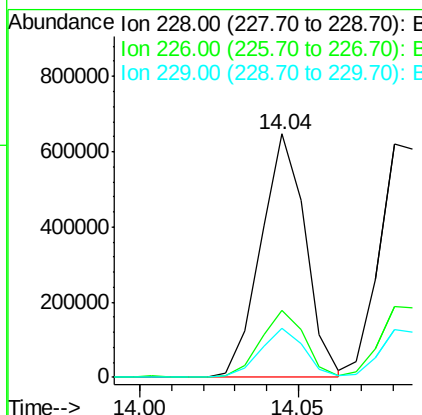
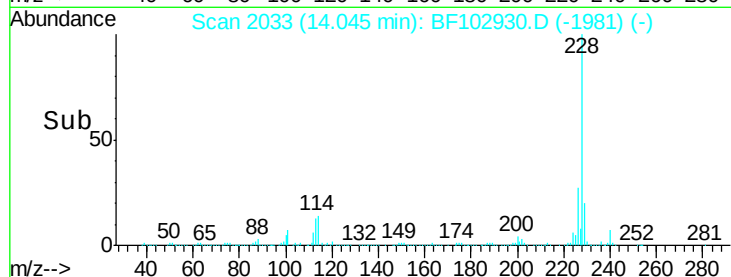
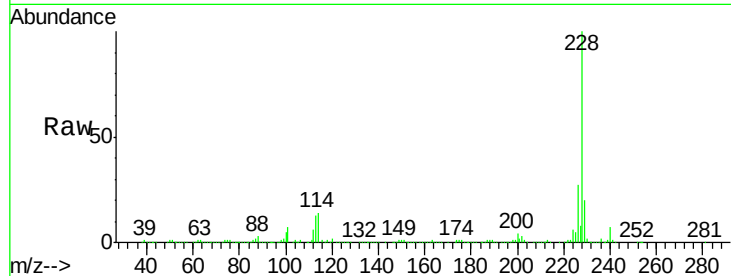
#80
Benzo(a)anthracene
Concen: 33.384 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.9	15.8	23.6

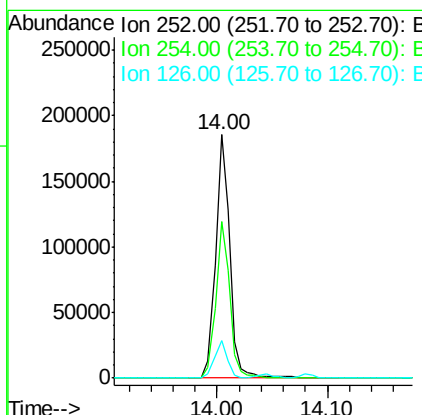
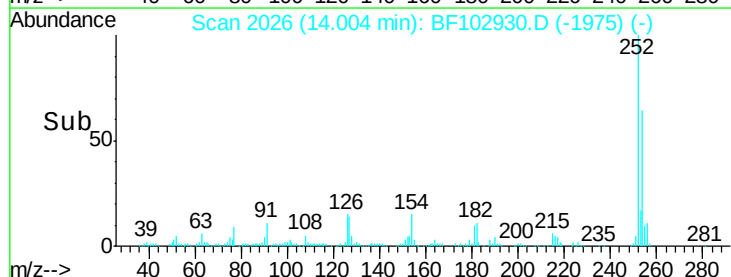
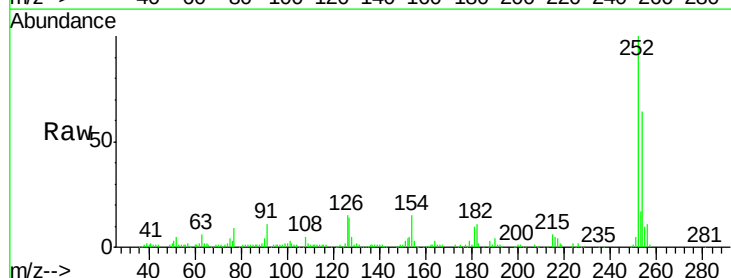
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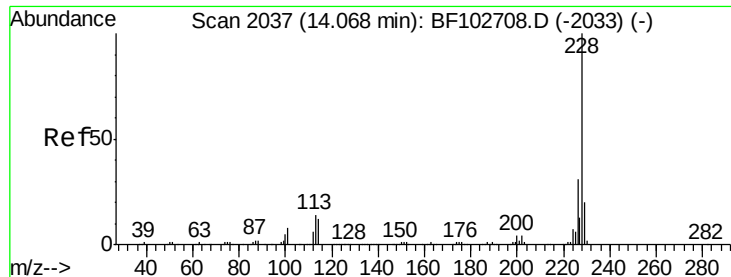
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#81
3,3'-Dichlorobenzidine
Concen: 23.446 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	15.2	11.3	16.9





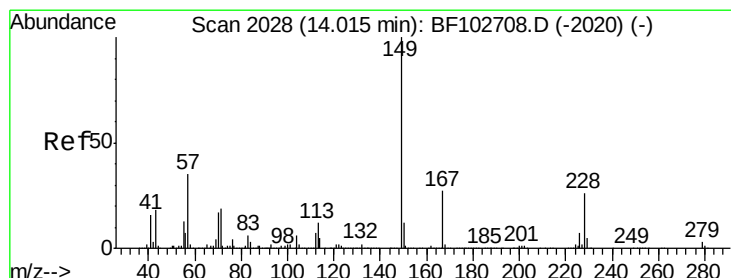
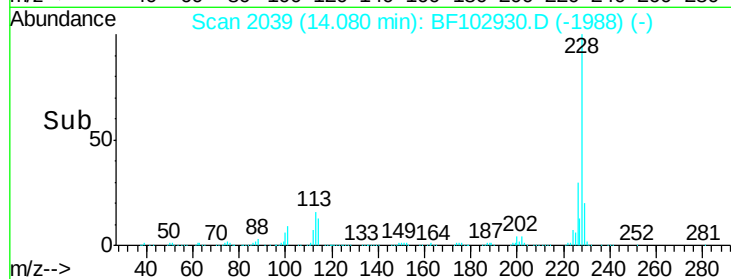
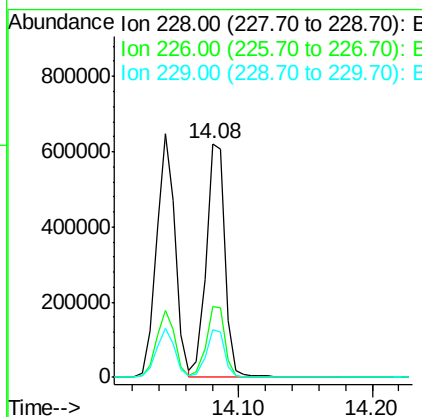
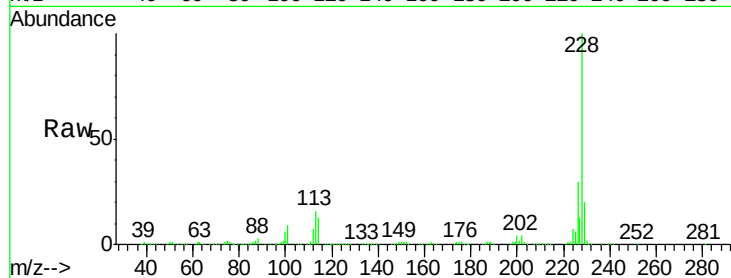
#82
 Chrysene
 Concen: 31.962 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106454BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.4	16.2	24.4

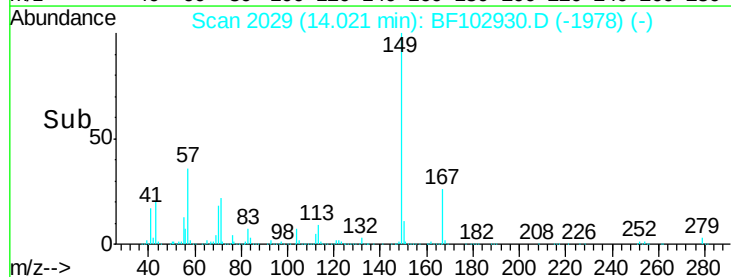
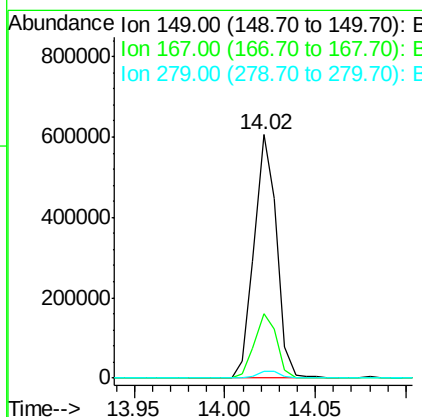
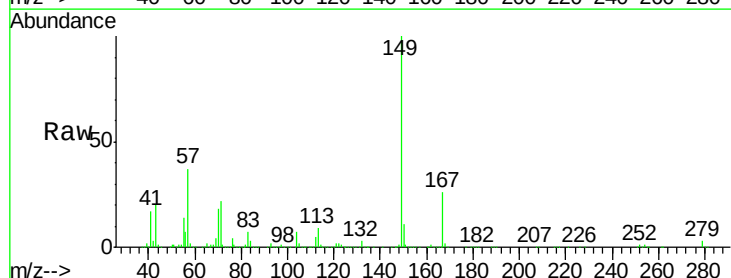
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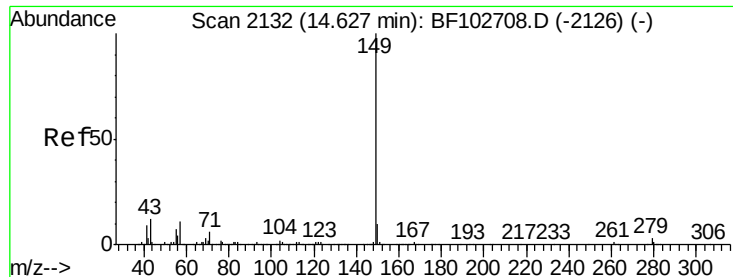
Sohil
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.385 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.7	3.0	4.4#





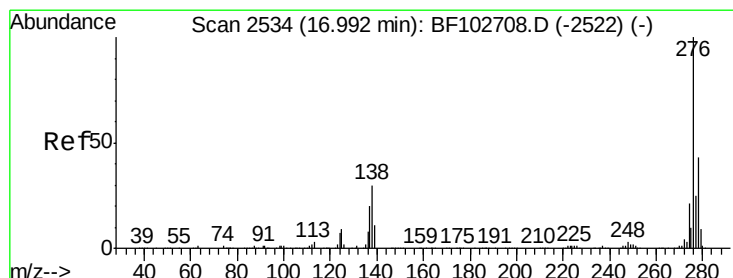
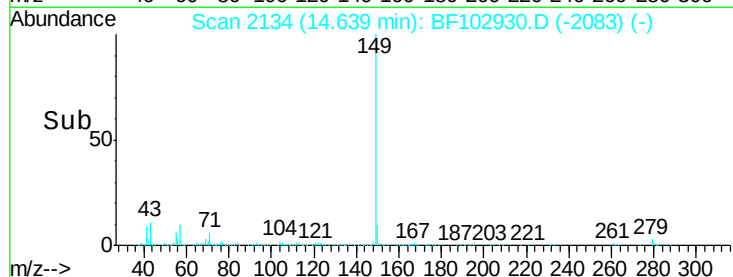
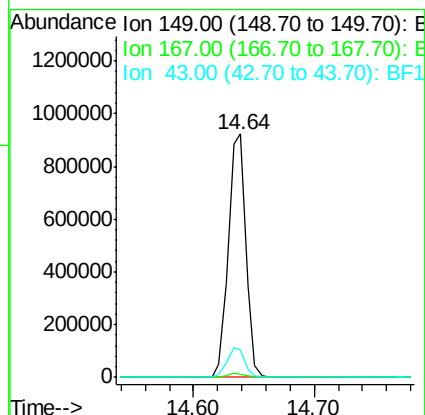
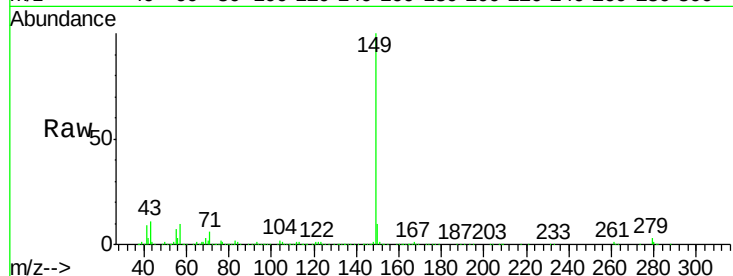
#84
Di-n-octyl phthalate
Concen: 42.816 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	926106		
167	1.5		1.2	1.8
43	11.7		8.4	12.6

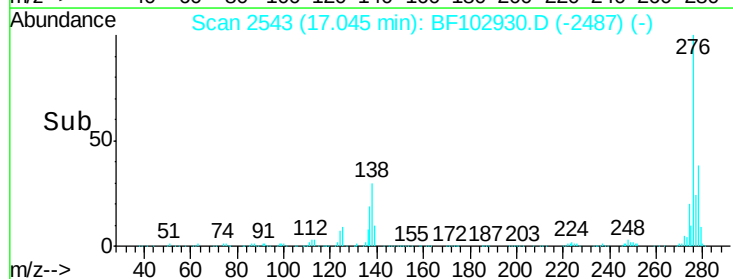
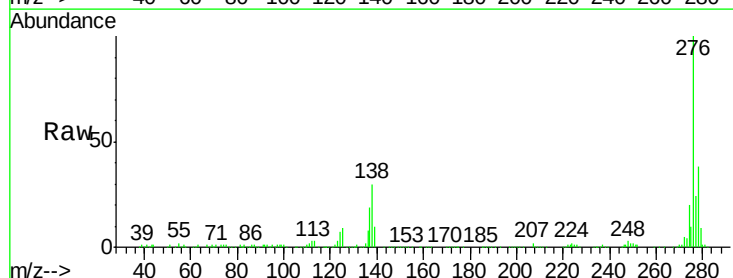
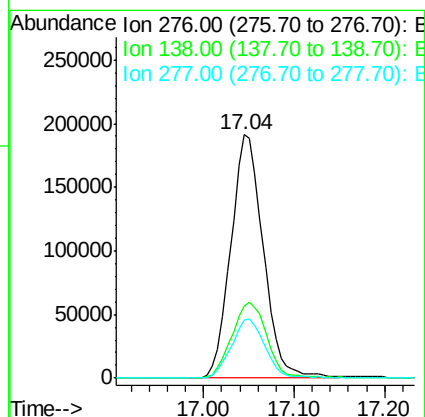
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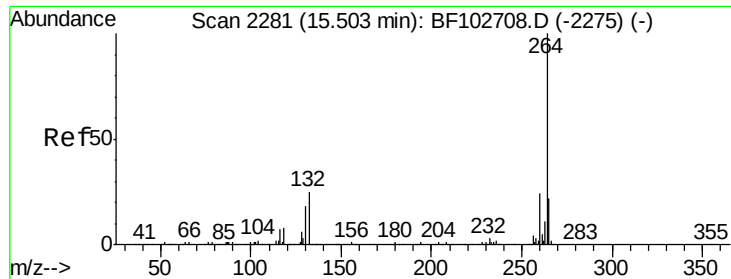
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#85
Indeno(1,2,3-cd)pyrene
Concen: 30.259 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	477119		
138	33.7		25.0	37.6
277	25.0		20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

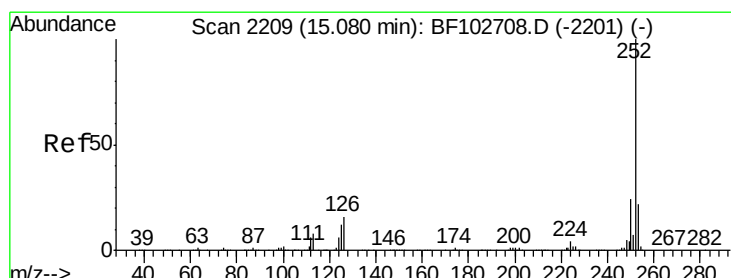
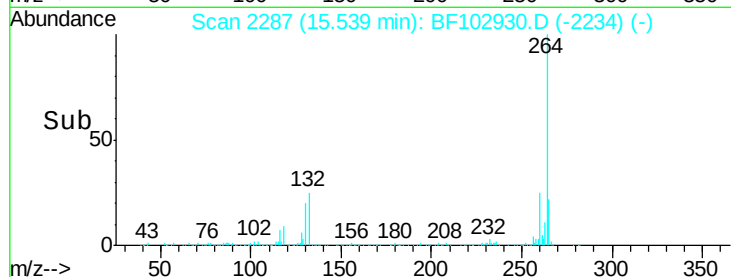
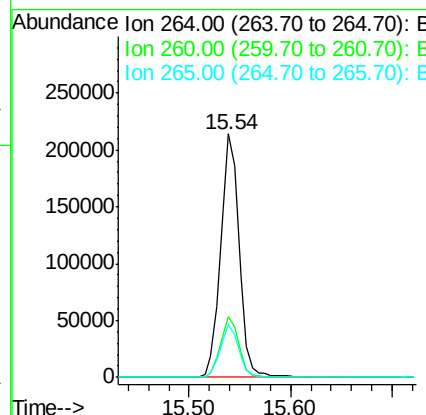
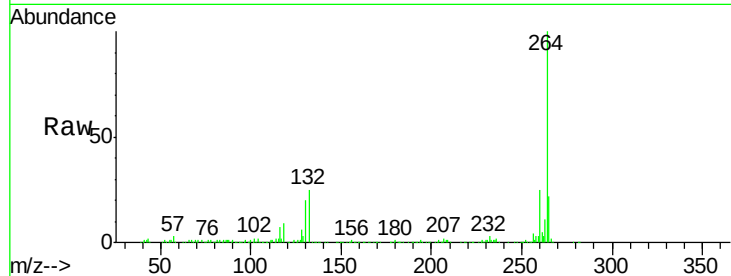
ClientSampleId :

PB106454BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 33.081 ng

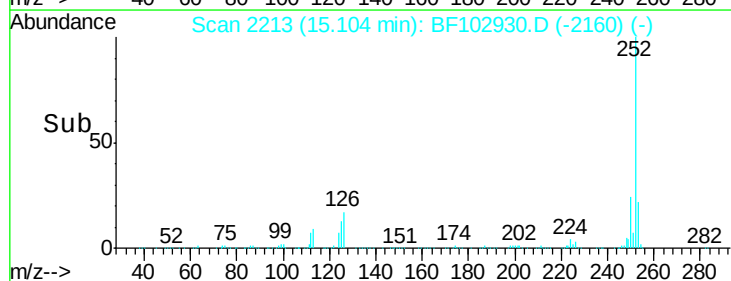
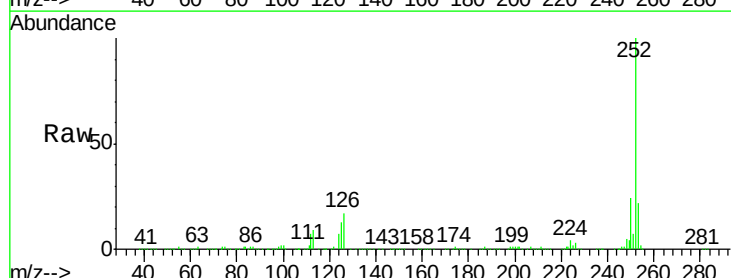
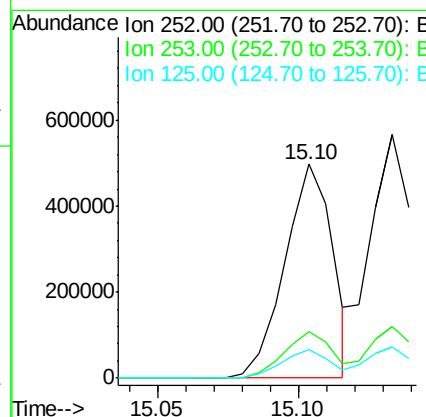
RT: 15.10 min Scan# 2213

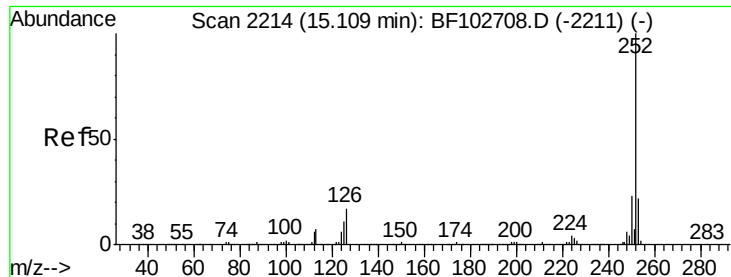
Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.2	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 35.386 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

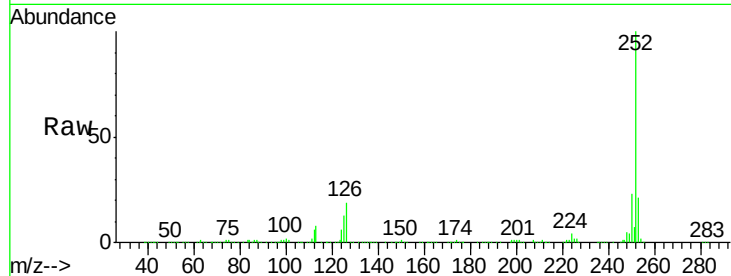
ClientSampleId :

PB106454BS

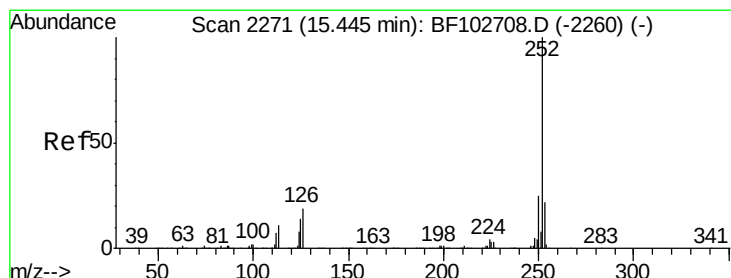
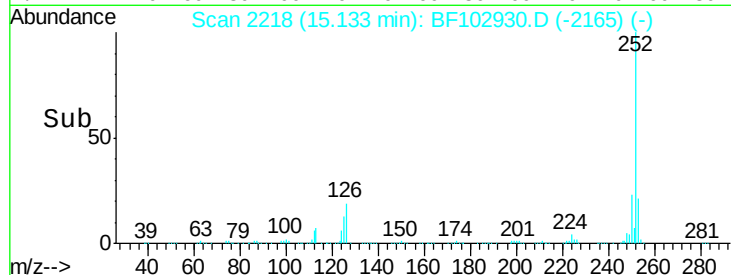
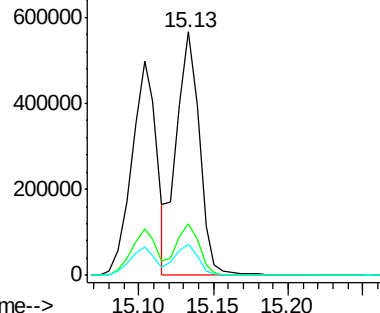
Tot Ion:	252	Resp:	597972
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	12.8	10.2	15.2

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



#89

Benzo(a)pyrene

Concen: 34.313 ng

RT: 15.48 min Scan# 2277

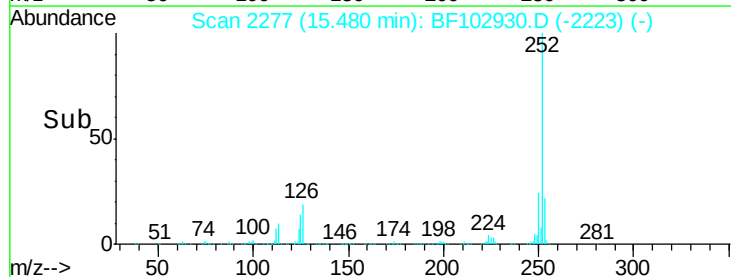
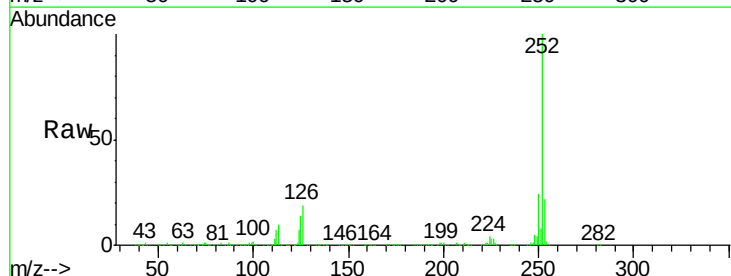
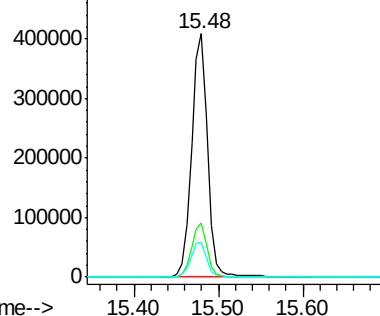
Delta R.T. 0.02 min

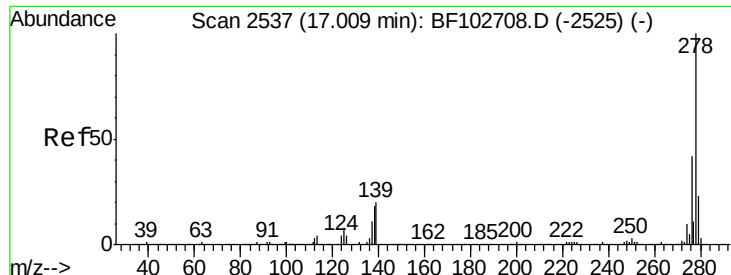
Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	252	Resp:	546249
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	14.3	9.8	14.6

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





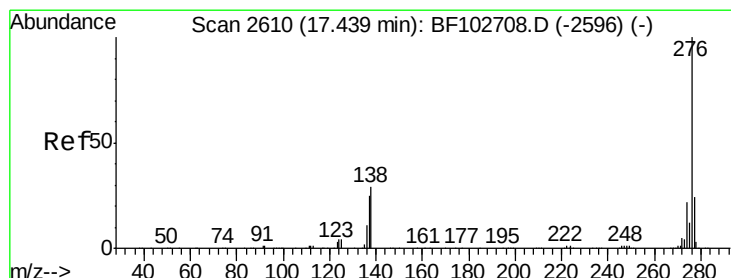
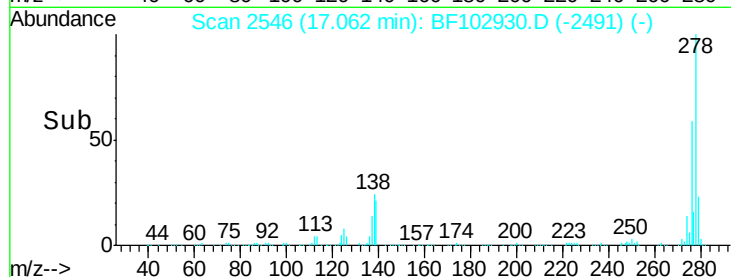
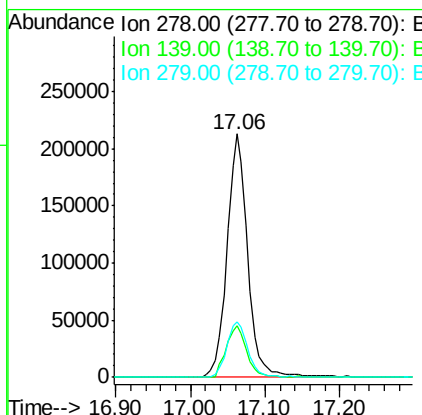
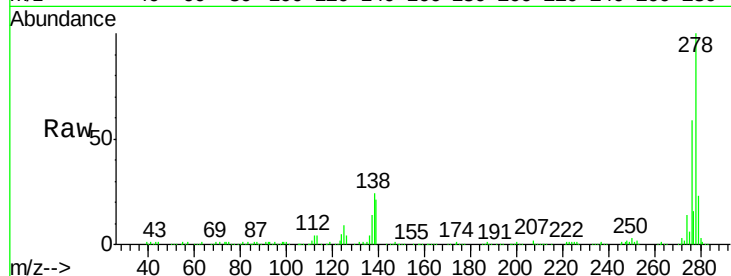
#90
Dibenzo(a,h)anthracene
Concen: 31.781 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB106454BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.0	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 30.103 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.03 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	29.6	21.8	32.8

