

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104609.D
 Acq On : 18 Apr 2018 18:38
 Operator : JU/SJ
 Sample : PB108327BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Manual Integrations
 APPROVED

Sohil
 4/19/2018 12:43:19 PM

Quant Time: Apr 19 01:28:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118802	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	484478	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	209303	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	324013	20.00	ng	0.00
75) Chrysene-d12	13.98	240	239133	20.00	ng	0.00
86) Perylene-d12	15.44	264	242307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	997200	128.35	ng	0.01
7) Phenol-d6	6.45	99	1212304	126.99	ng	0.01
23) Nitrobenzene-d5	7.37	82	773784	104.29	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	271250	124.93	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1282424	96.79	ng	0.00
78) Terphenyl-d14	12.92	244	975624	93.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	147824	40.832	ng	# 90
3) Pyridine	3.32	79	420964	41.357	ng	86
4) n-Nitrosodimethylamine	3.28	42	163114	45.843	ng	# 79
6) Aniline	6.47	93	280785	21.171	ng	# 90
8) 2-Chlorophenol	6.59	128	385593	47.020	ng	96
9) Benzaldehyde	6.36	77	245425	60.754	ng	94
10) Phenol	6.46	94	452406	44.664	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	363430	44.962	ng	95
12) 1,3-Dichlorobenzene	6.75	146	405008	43.594	ng	99
13) 1,4-Dichlorobenzene	6.82	146	409060	44.171	ng	99
14) 1,2-Dichlorobenzene	6.97	146	378055	44.052	ng	99
15) Benzyl Alcohol	6.95	79	310750	42.858	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	469149	43.219	ng	91
17) 2-Methylphenol	7.06	107	319036	44.755	ng	98
18) Hexachloroethane	7.32	117	142665	43.207	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	246035	39.440	ng	94
20) 3+4-Methylphenols	7.22	107	365850	41.382	ng	# 64
22) Acetophenone	7.22	105	490989	41.164	ng	96
24) Nitrobenzene	7.39	77	395041	48.225	ng	98
25) Isophorone	7.63	82	713192	45.457	ng	98
26) 2-Nitrophenol	7.70	139	202425	60.700	ng	99
27) 2,4-Dimethylphenol	7.75	122	333191	48.119	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	462500	48.213	ng	99
29) 2,4-Dichlorophenol	7.95	162	308652	46.717	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	318739	43.960	ng	98
31) Naphthalene	8.11	128	1061818	44.014	ng	99
32) Benzoic acid	7.87	122	199572	36.123	ng	98
33) 4-Chloroaniline	8.16	127	95238	9.215	ng	# 95
34) Hexachlorobutadiene	8.22	225	172311	43.387	ng	98
35) Caprolactam	8.54	113	104860m	45.497	ng	
36) 4-Chloro-3-methylphenol	8.65	107	327340	46.207	ng	98
37) 2-Methylnaphthalene	8.80	142	682373	43.728	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	292123	48.757	ng	99
40) Hexachlorocyclopentadiene	8.95	237	140572	41.909	ng	99

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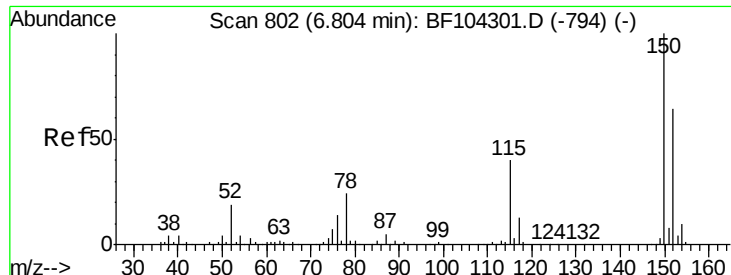
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	203310	48.882	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	215337	46.267	nq	94
45) 1,1'-Biphenyl	9.27	154	800669	45.537	nq	99
46) 2-Chloronaphthalene	9.29	162	632846	45.567	nq	99
47) 2-Nitroaniline	9.39	65	192529	56.056	nq	96
48) Acenaphthylene	9.71	152	941474	43.206	nq	100
49) Dimethylphthalate	9.57	163	768566	46.565	nq	100
50) 2,6-Dinitrotoluene	9.63	165	165422	54.164	nq	97
51) Acenaphthene	9.88	154	544573	40.961	nq	100
52) 3-Nitroaniline	9.80	138	70074	19.599	nq	99
53) 2,4-Dinitrophenol	9.91	184	53957	51.899	nq #	21
54) Dibenzofuran	10.05	168	826388	44.602	nq	98
55) 4-Nitrophenol	9.97	139	241062	85.829	nq	95
56) 2,4-Dinitrotoluene	10.04	165	203629	50.830	nq #	96
57) Fluorene	10.40	166	615030	45.605	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	153100	44.092	nq	95
59) Diethylphthalate	10.27	149	726950	44.224	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	287624	47.890	nq	98
61) 4-Nitroaniline	10.42	138	137717	39.393	nq	98
62) Azobenzene	10.55	77	661753	42.137	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	44513	31.238	nq	83
65) n-Nitrosodiphenylamine	10.51	169	572198	50.933	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	177417	51.478	nq	95
67) Hexachlorobenzene	10.94	284	185288	47.779	nq	95
68) Atrazine	11.03	200	181863	53.630	nq	100
69) Pentachlorophenol	11.14	266	163737	68.249	nq	99
70) Phenanthrene	11.36	178	814826	45.158	nq	99
71) Anthracene	11.41	178	826861	45.080	nq	100
72) Carbazole	11.57	167	751609	41.935	nq	99
73) Di-n-butylphthalate	11.89	149	1014143	46.320	nq	100
74) Fluoranthene	12.55	202	761326	40.383	nq	100
76) Benzidine	12.67	184	477209	73.427	nq	98
77) Pyrene	12.78	202	761211	42.945	nq	99
79) Butylbenzylphthalate	13.39	149	367391	43.995	nq	98
80) Benzo(a)anthracene	13.97	228	697158	48.800	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	227548	42.719	nq	97
82) Chrysene	14.00	228	674300	45.952	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	500144	46.564	nq	99
84) Di-n-octyl phthalate	14.57	149	866232	48.265	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	619137	49.669	nq	97
87) Benzo(b)fluoranthene	15.02	252	737993	48.223	nq	99
88) Benzo(k)fluoranthene	15.05	252	653519	45.232	nq	97
89) Benzo(a)pyrene	15.38	252	664579	48.534	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	526850	46.847	nq	99
91) Benzo(g,h,i)perylene	17.33	276	479765	44.033	nq	97

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



#1

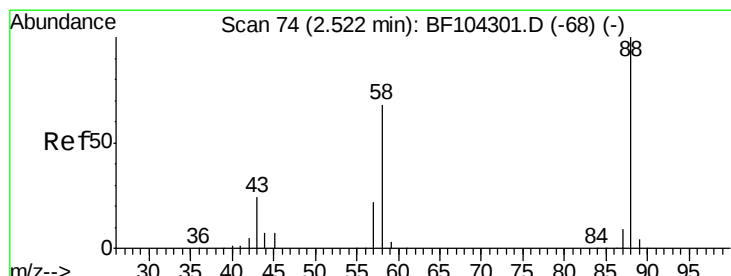
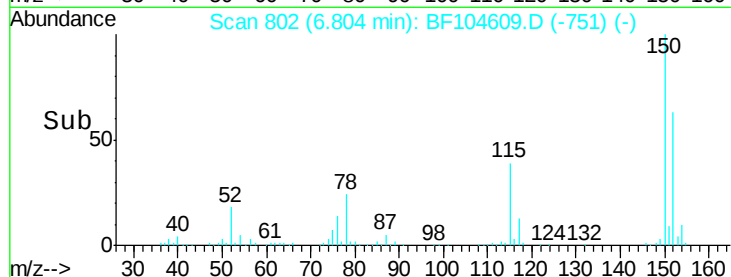
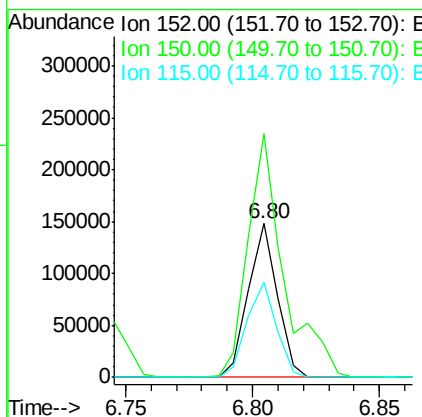
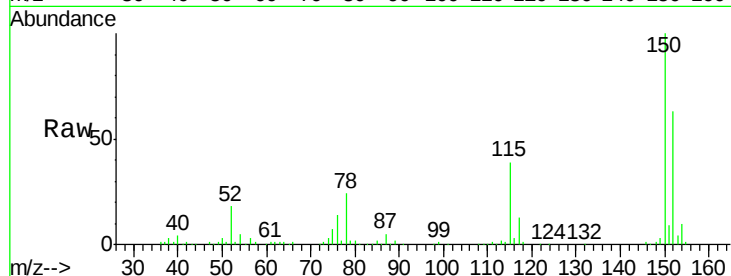
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
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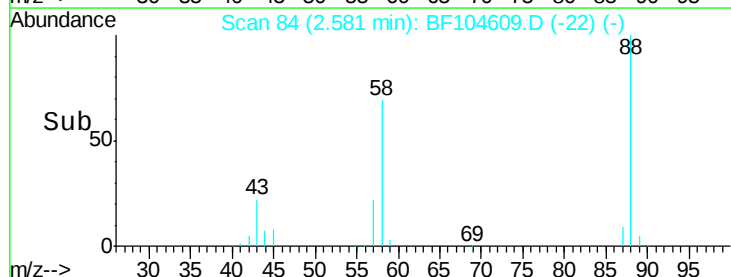
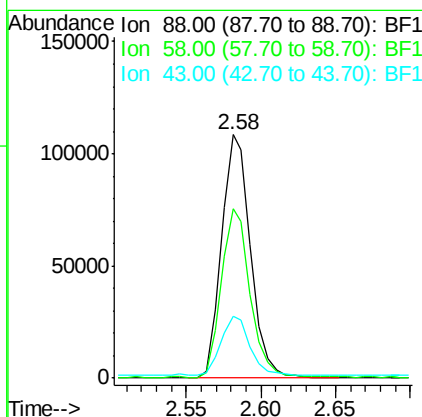
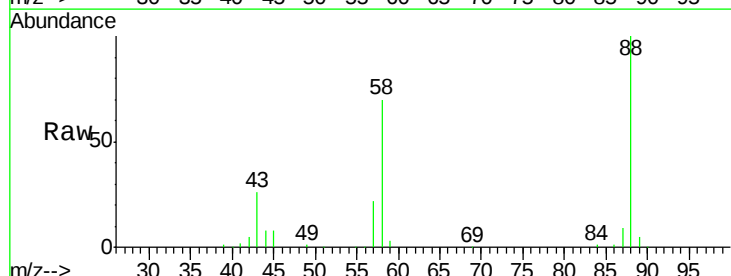
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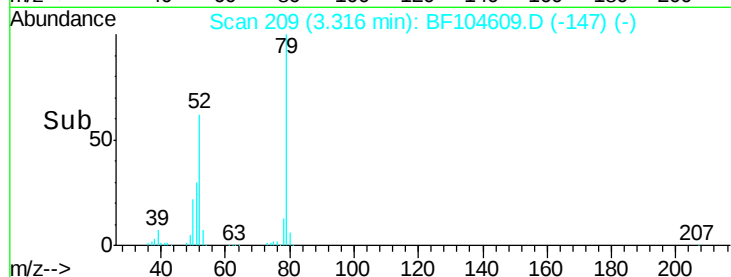
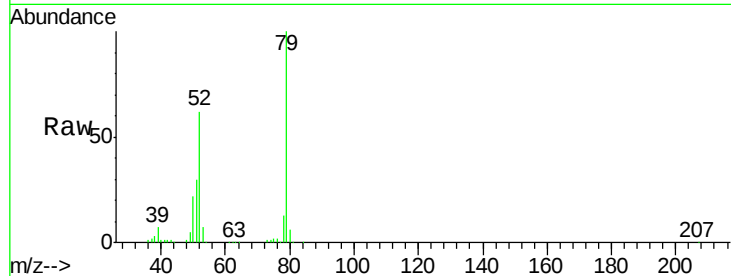
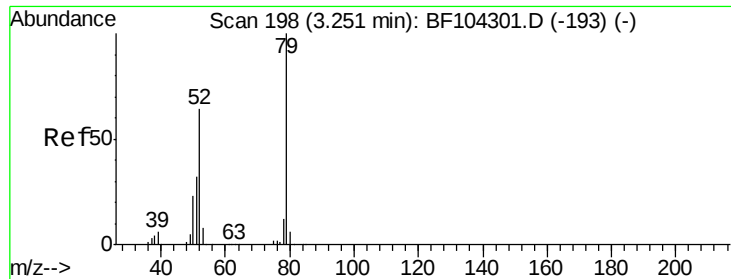


#2

1,4-Dioxane
Concen: 40.832 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	62.6	93.8
43	24.2	24.6	37.0#





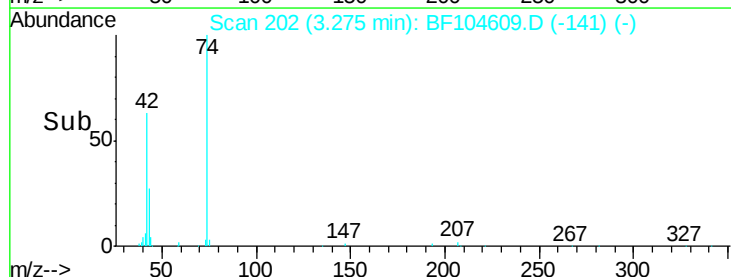
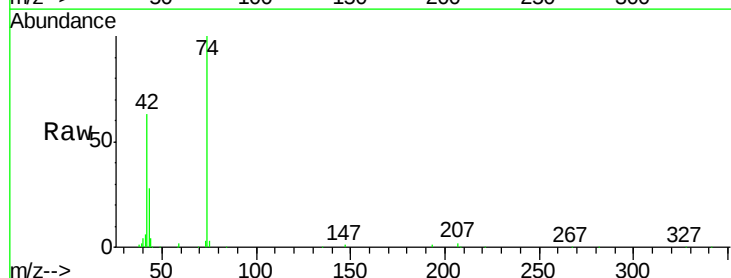
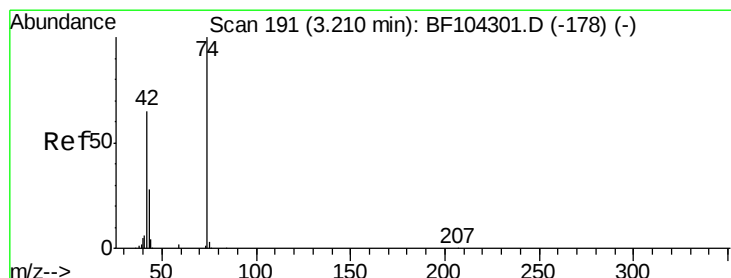
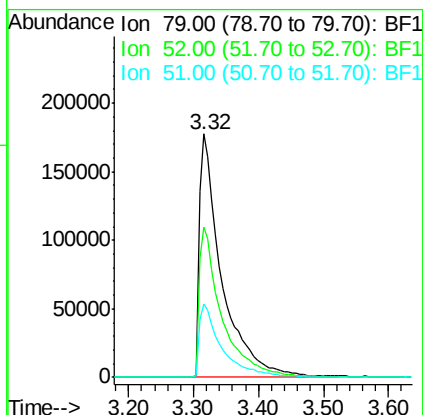
#3
Pvridine
Concen: 41.357 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.06 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		420964		
52	61.6	59.8	89.6		
51	30.3	29.8	44.8		

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

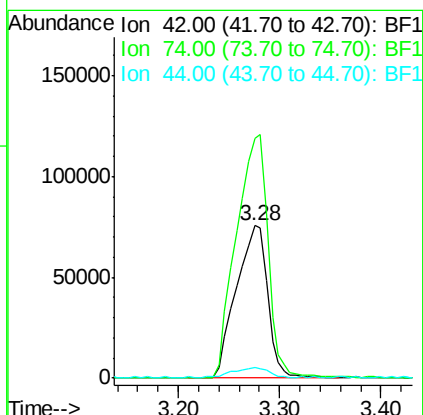
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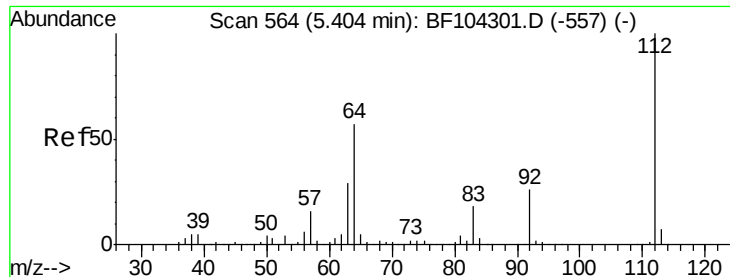
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#4
n-Nitrosodimethylamine
Concen: 45.843 ng
RT: 3.28 min Scan# 202
Delta R.T. 0.06 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		163114		
74	157.5	104.9	157.3#		
44	7.0	6.9	10.3		





#5

2-Fluorophenol

Concen: 128.346 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

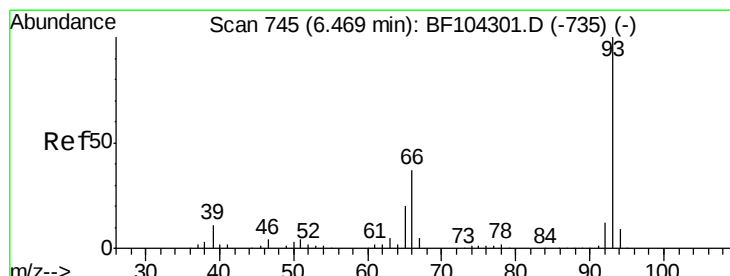
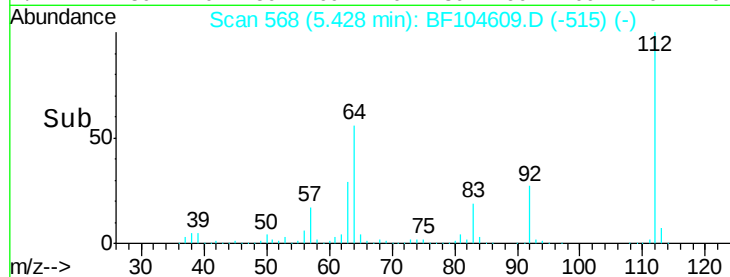
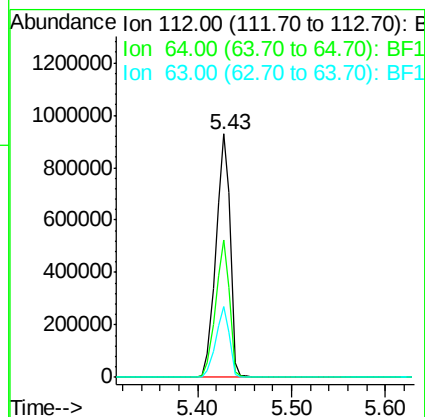
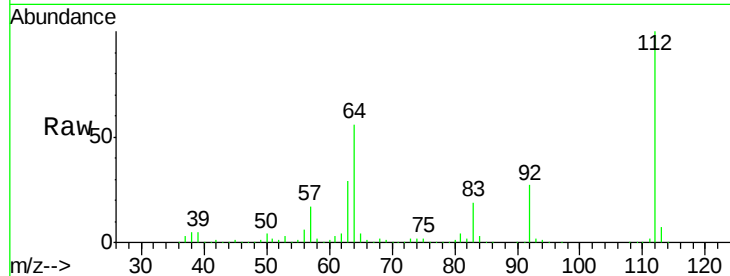
ClientSampleId :

PB108327BSD

Tot Ion:	112	Resp:	997200
Ion Ratio	Lower	Upper	
112	100		
64	56.4	47.9	71.9
63	29.3	23.7	35.5

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#6

Aniline

Concen: 21.171 ng

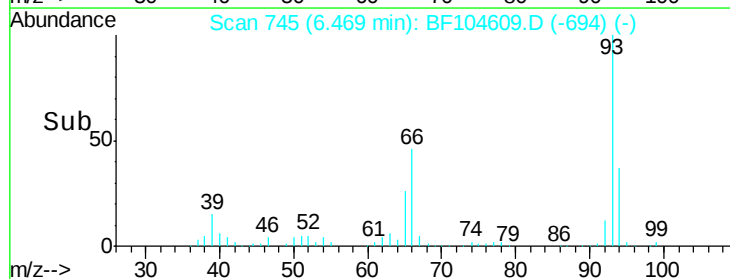
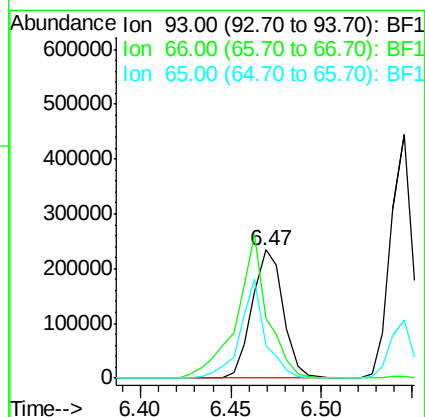
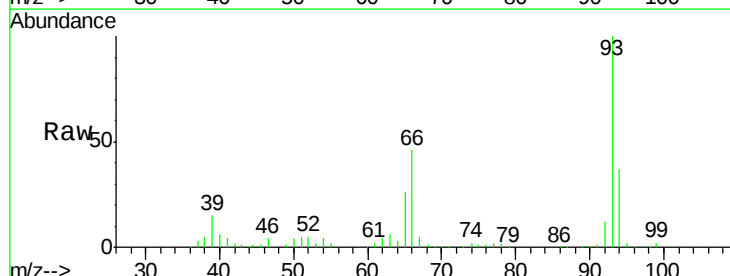
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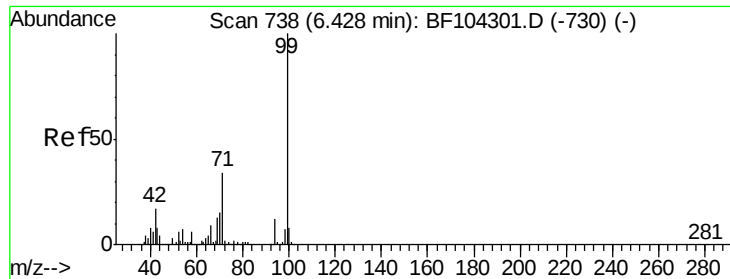
Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:	93	Resp:	280785
Ion Ratio	Lower	Upper	
93	100		
66	46.3	32.2	48.2
65	25.8	16.4	24.6





#7

Phenol-d6

Concen: 126.991 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

PB108327BSD

Tot Ion: 99 Resp: 1212304

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

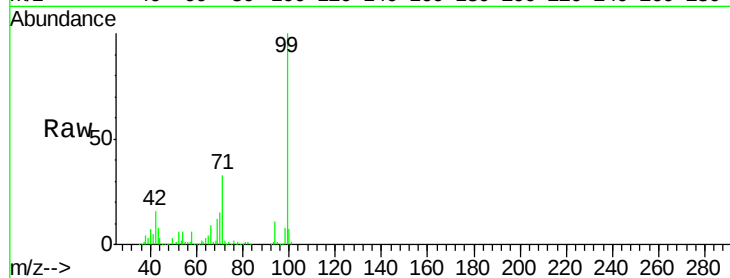
71 33.3 25.4 38.0

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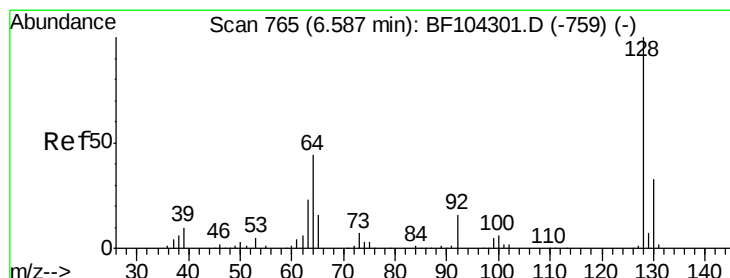
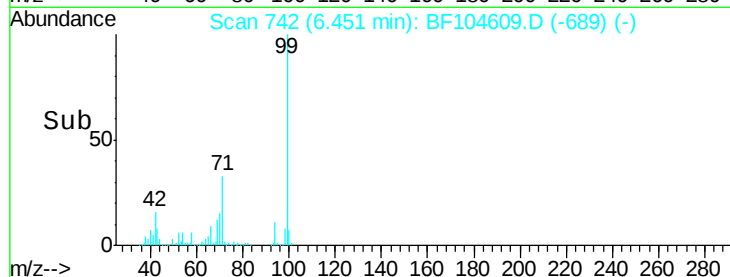
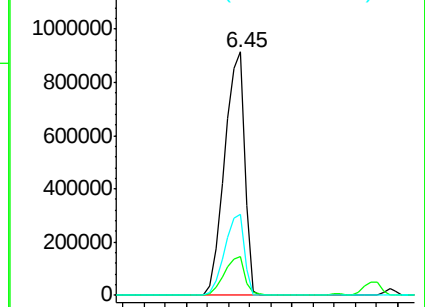
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.020 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

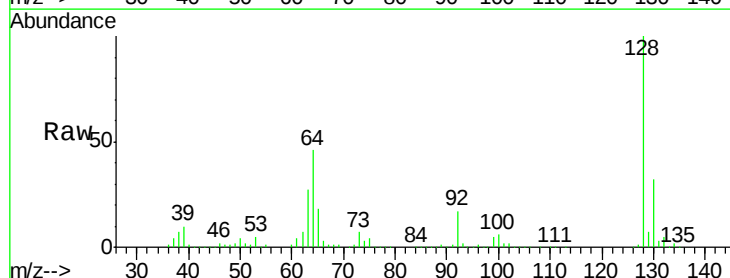
Tgt Ion: 128 Resp: 385593

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

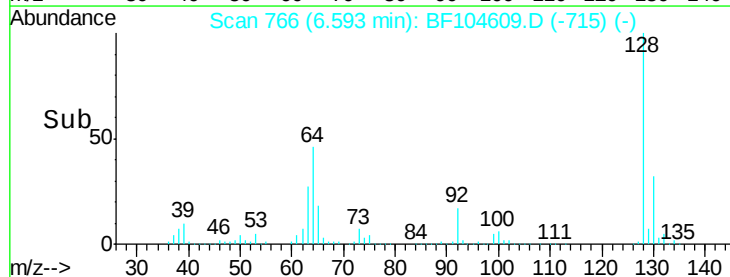
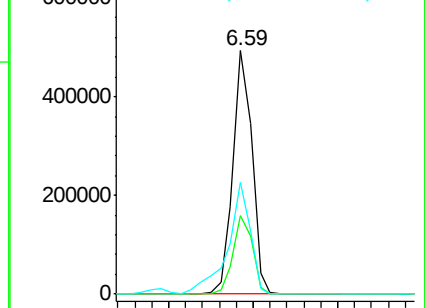
64 45.7 29.4 69.4

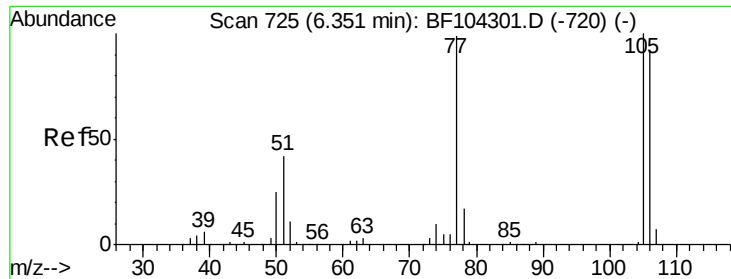


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 60.754 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

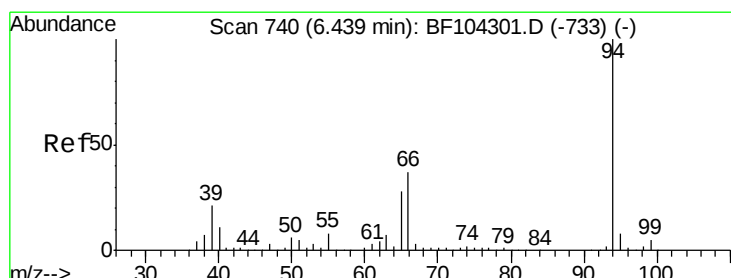
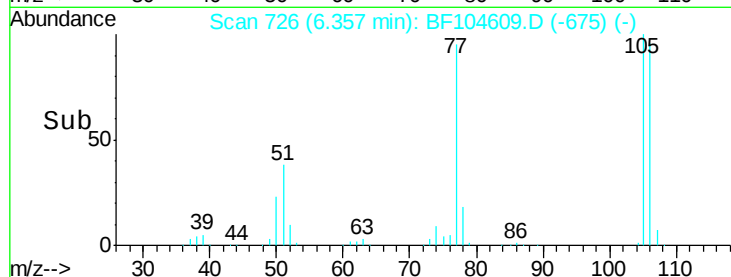
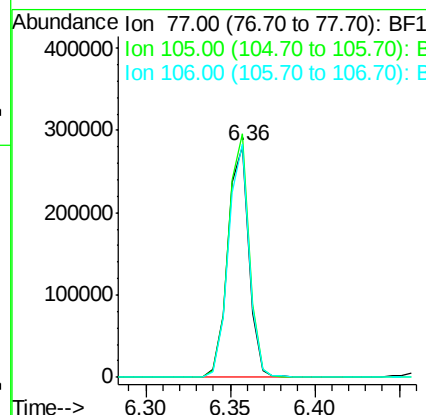
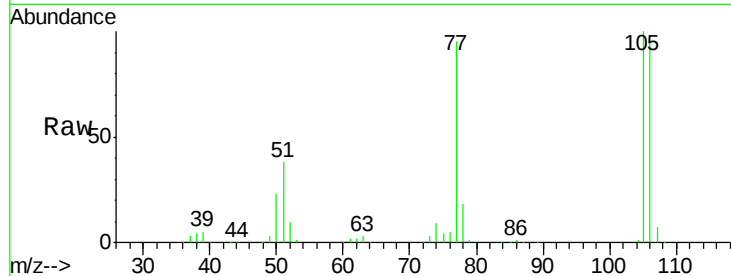
ClientSampleId :

PB108327BSD

Tot Ion:	77	Resp:	245425
Ion Ratio	Lower	Upper	
77	100		
105	105.5	81.1	121.1
106	101.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.664 ng

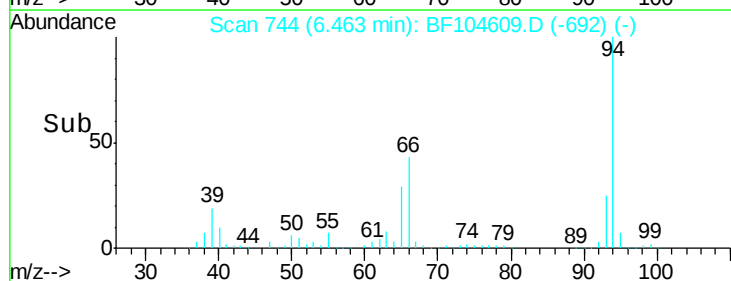
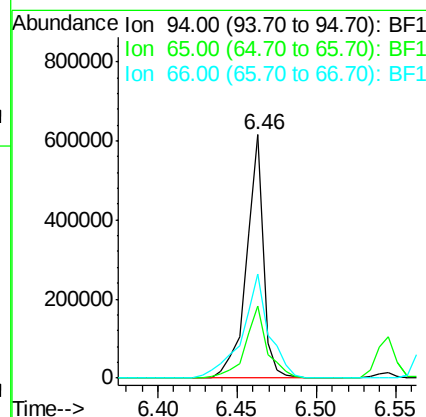
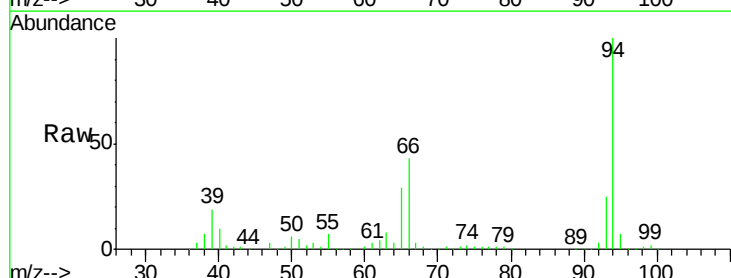
RT: 6.46 min Scan# 744

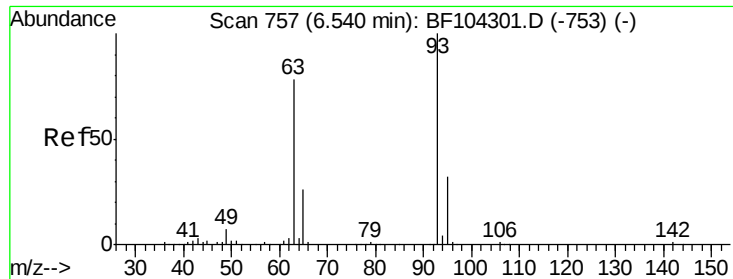
Delta R.T. 0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:	94	Resp:	452406
Ion Ratio	Lower	Upper	
94	100		
65	29.4	7.9	47.9
66	42.5	16.2	56.2





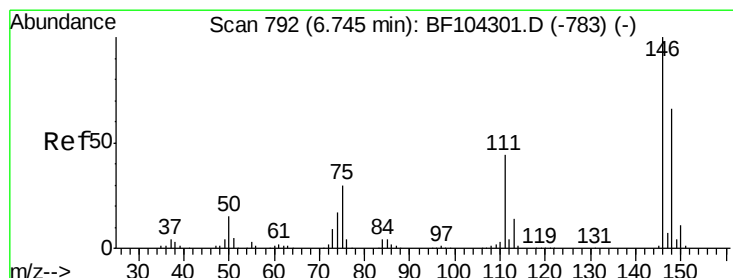
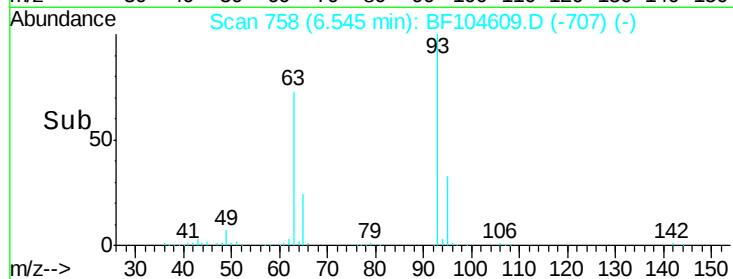
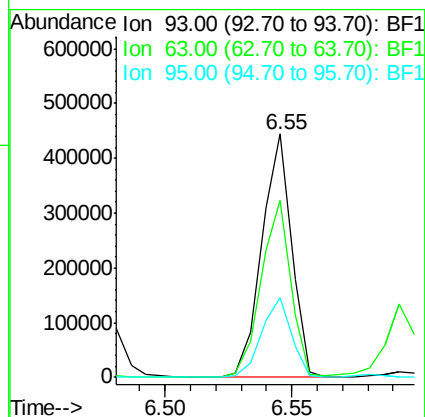
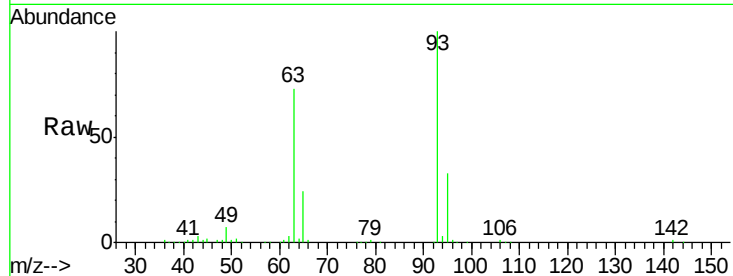
#11
bis(2-Chloroethyl)ether
Concen: 44.962 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.6	98.6
95	33.0	11.8	51.8

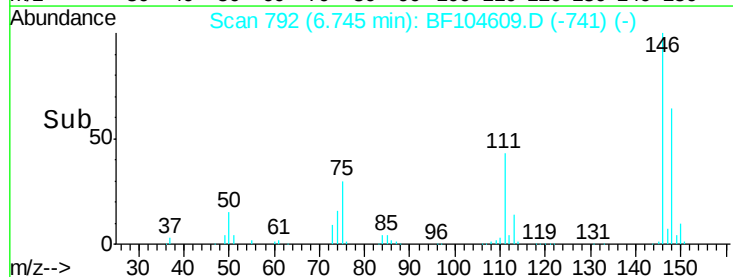
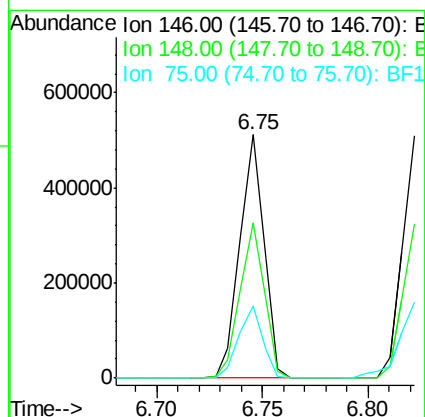
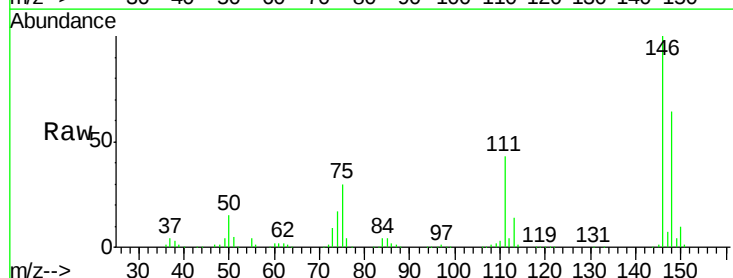
Manual Integrations
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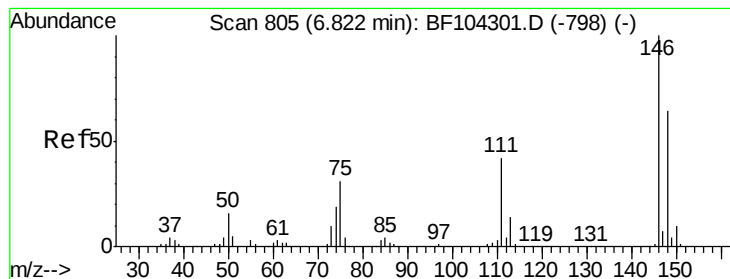
Sohil
4/19/2018 12:43:19 PM



#12
1,3-Dichlorobenzene
Concen: 43.594 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	29.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 44.171 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

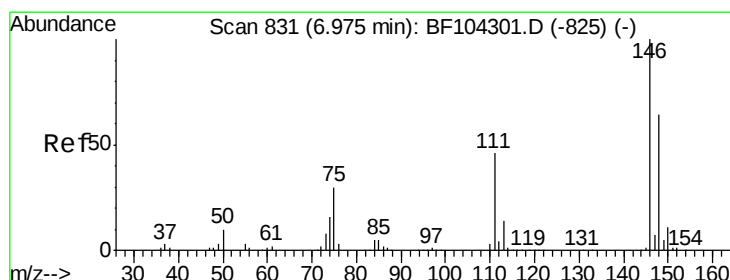
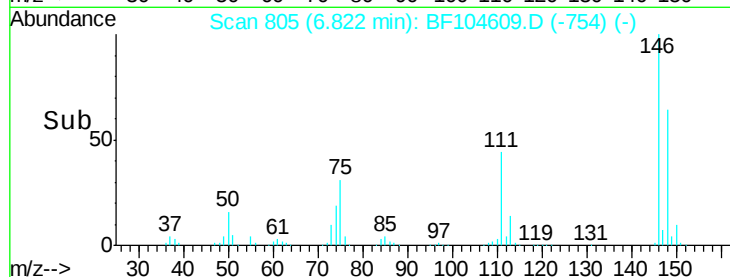
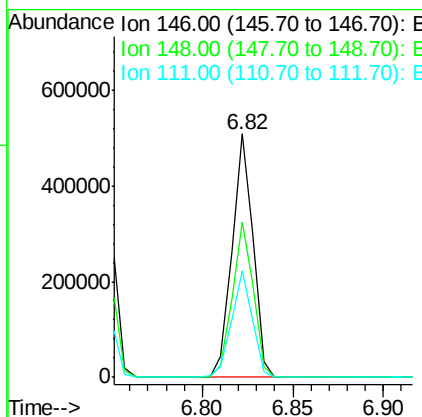
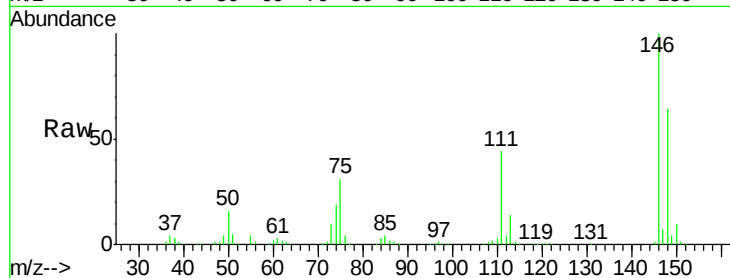
ClientSampleId :

PB108327BSD

Tot Ion:	146	Resp:	409060
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	44.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 44.052 ng

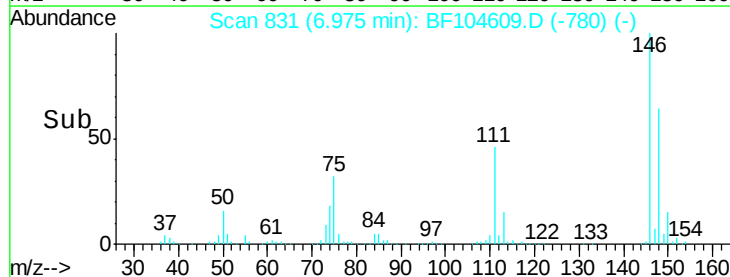
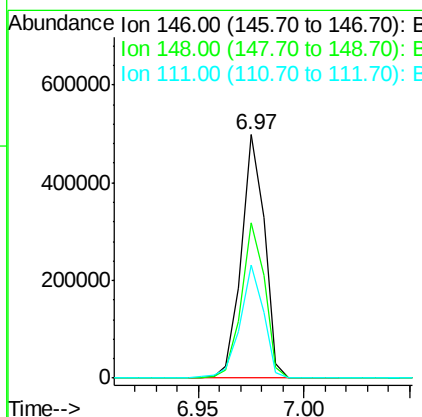
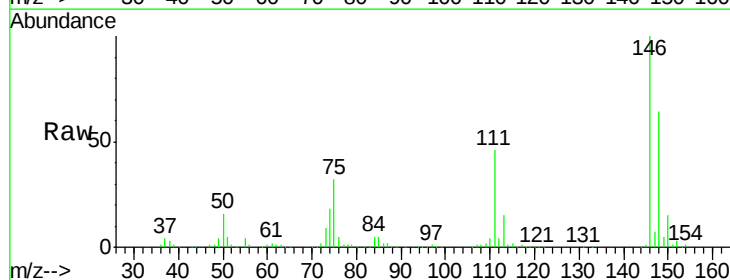
RT: 6.97 min Scan# 831

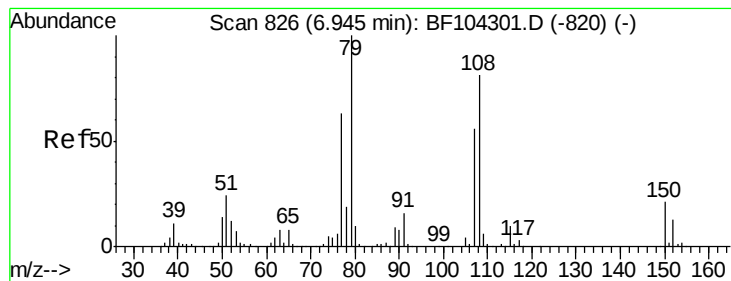
Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:	146	Resp:	378055
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	46.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.858 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

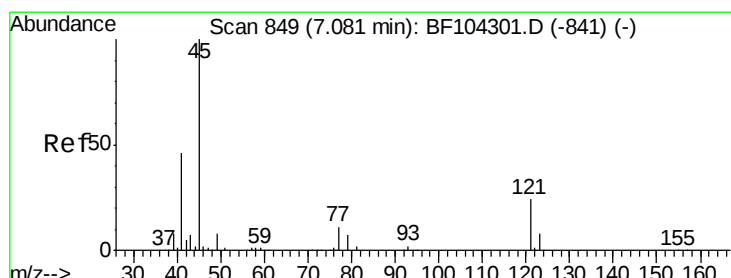
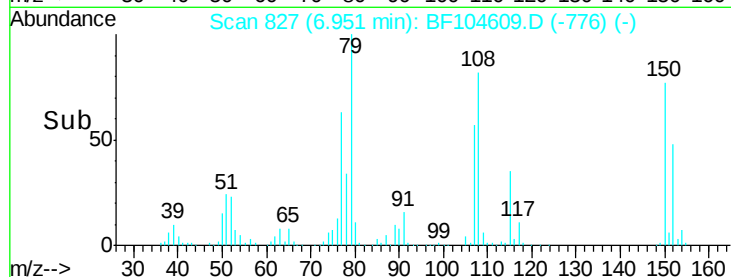
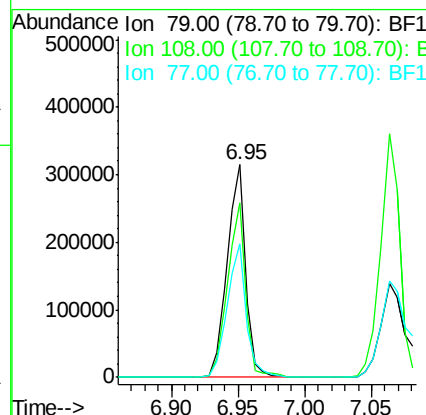
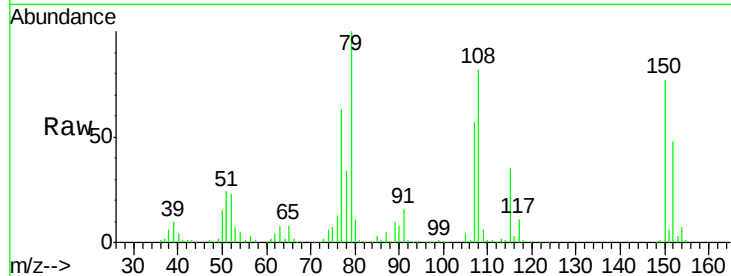
ClientSampleId :

PB108327BSD

Tot Ion:	79	Resp:	310750
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.1	97.7
77	62.9	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.219 ng

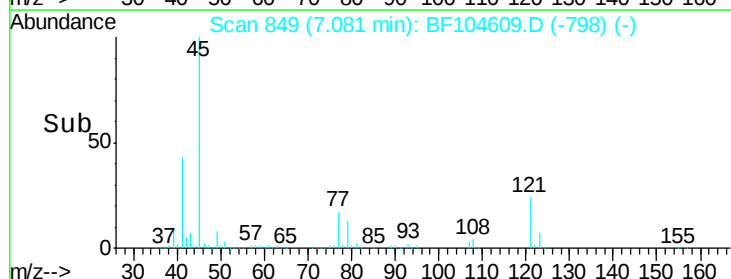
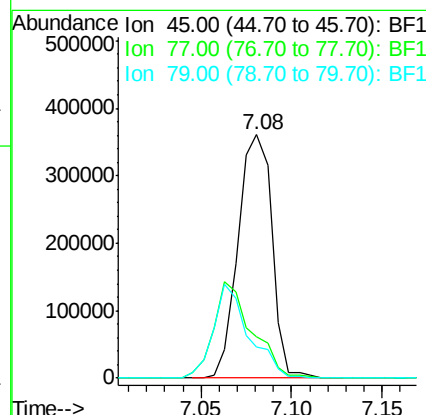
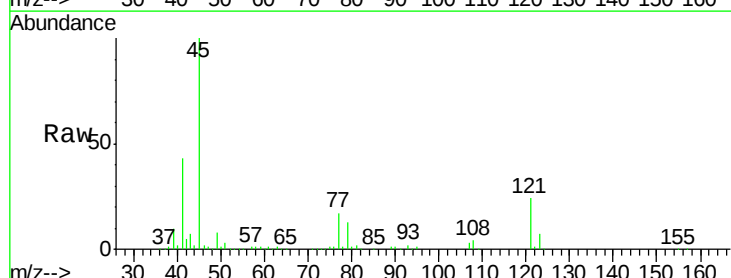
RT: 7.08 min Scan# 849

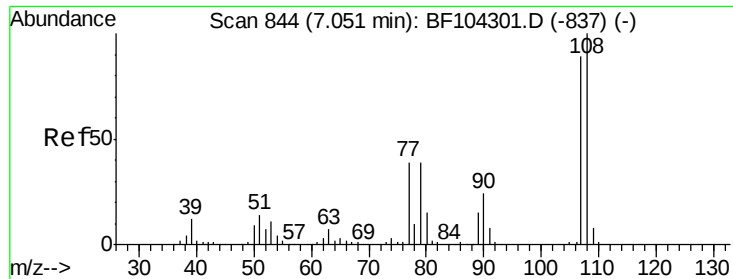
Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:	45	Resp:	469149
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	32.9
79	12.7	0.0	29.6





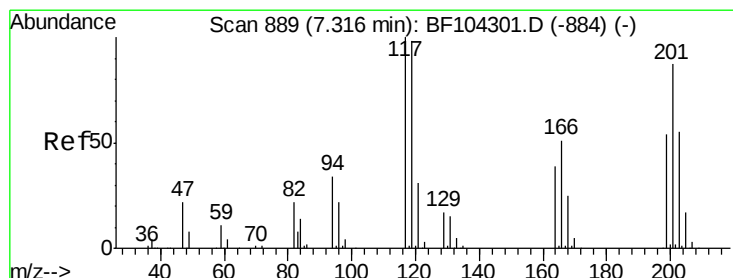
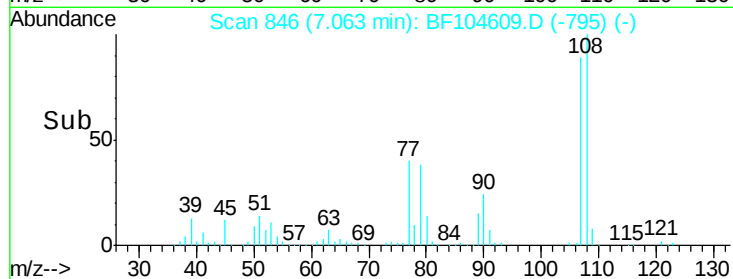
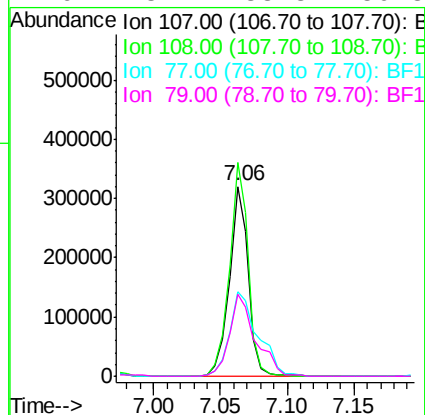
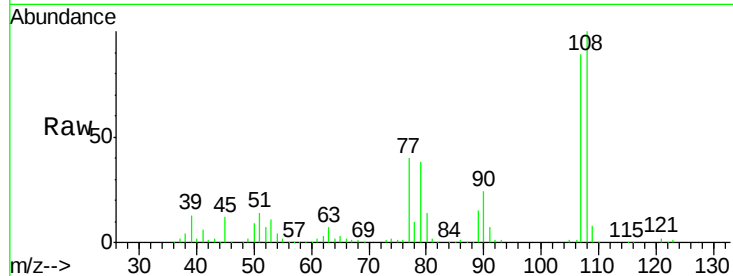
#17
2-Methylphenol
Concen: 44.755 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.7	137.5	
77	44.8	33.8	50.8	
79	43.2	33.8	50.8	

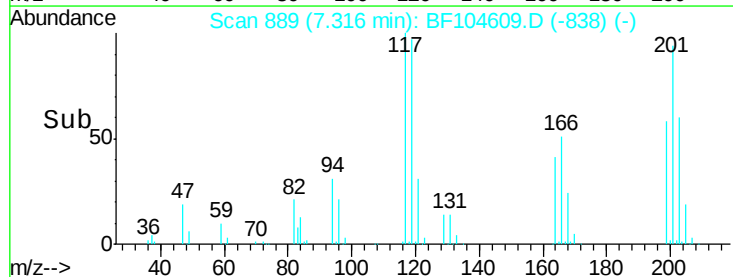
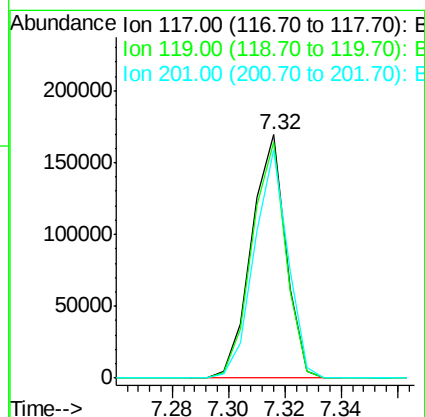
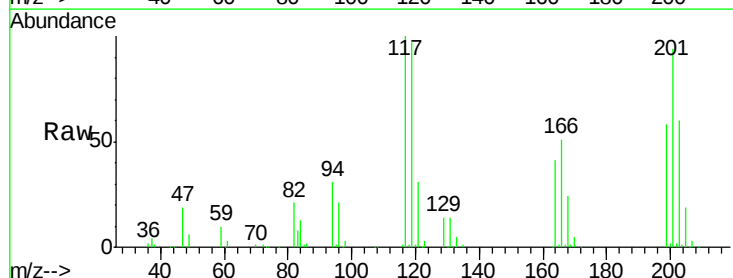
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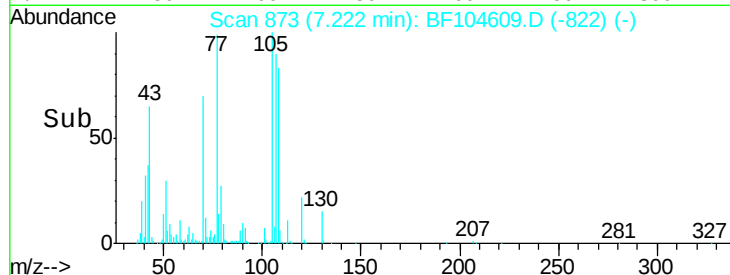
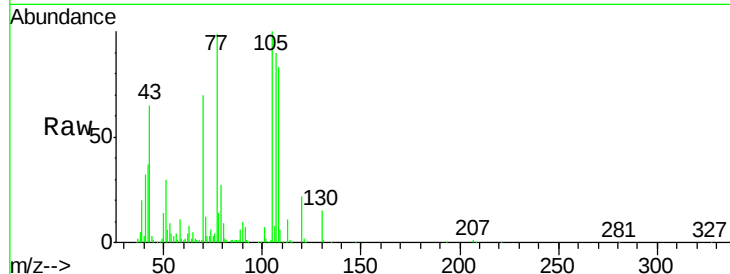
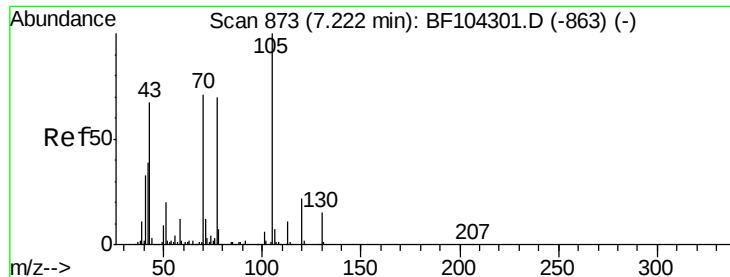
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#18
Hexachloroethane
Concen: 43.207 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.8	113.8	
201	93.9	75.7	113.5	





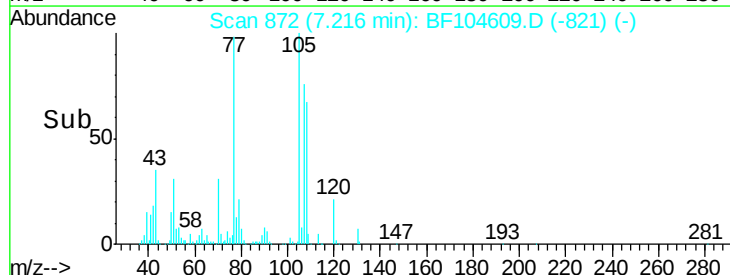
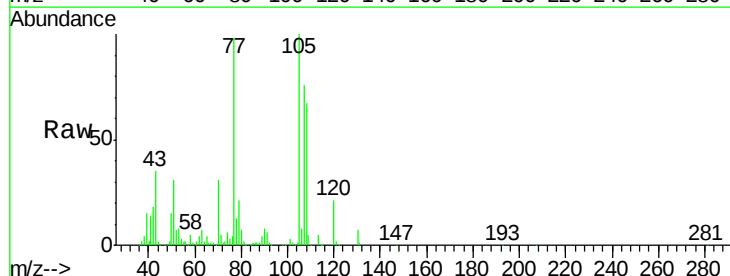
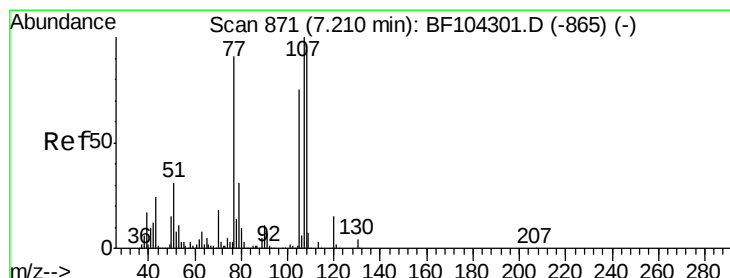
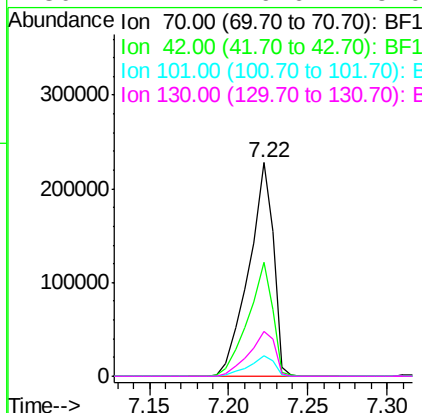
#19
n-Nitroso-di-n-propylamine
Concen: 39.440 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.4	47.5	71.3		
101	9.4	7.4	11.2		
130	21.2	16.6	25.0		

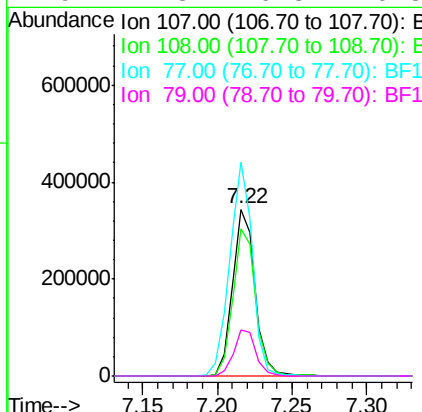
Manual Integrations
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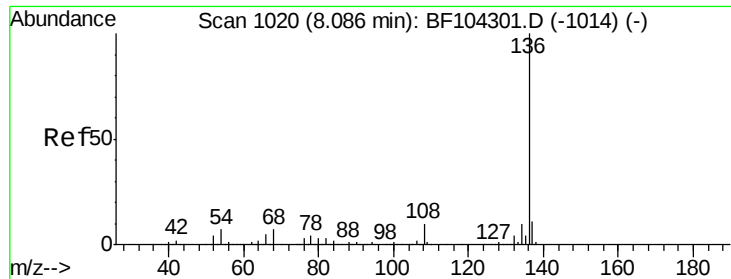
Sohil
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#20
3+4-Methylphenols
Concen: 41.382 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.9	68.2	108.2		
77	128.0	26.7	66.7#		
79	27.3	6.3	46.3		





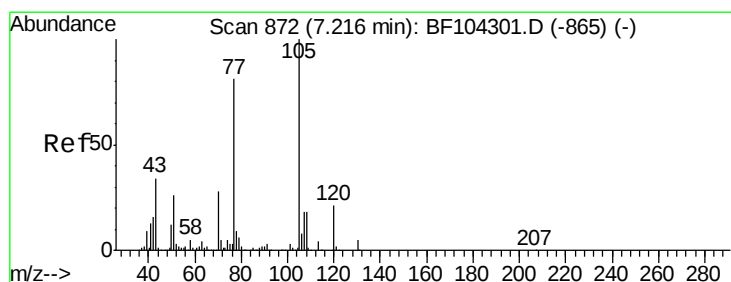
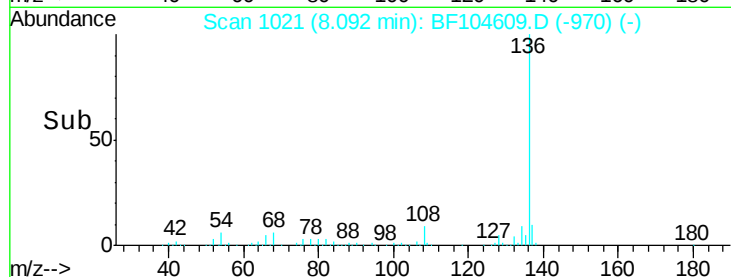
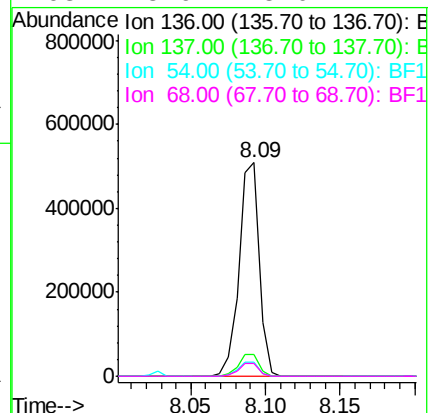
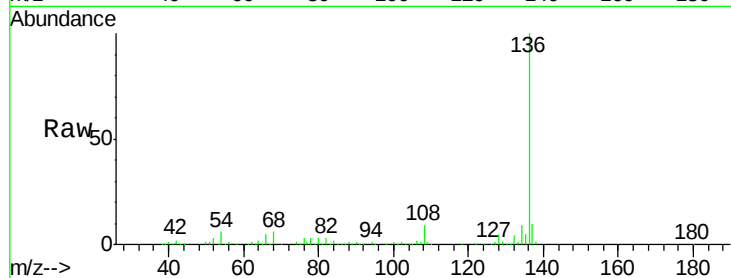
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.9	13.3	
54	6.4	6.6	9.8	
68	5.9	5.0	7.4	

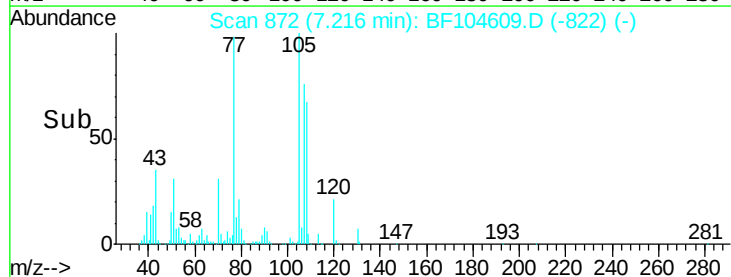
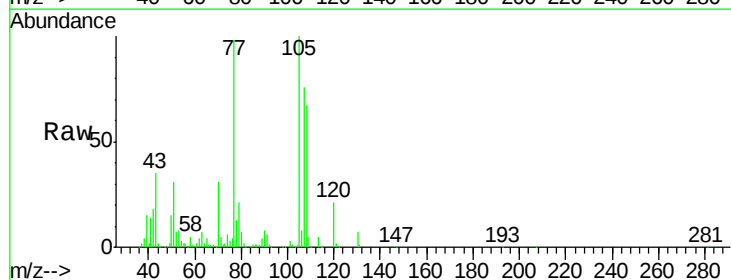
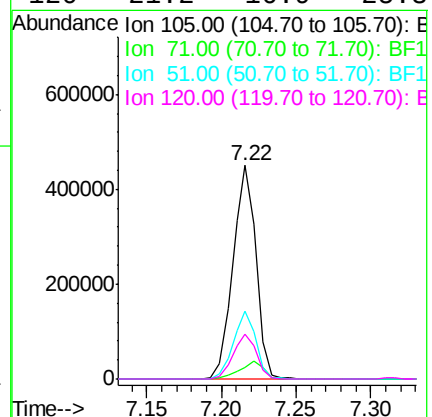
Manual Integrations
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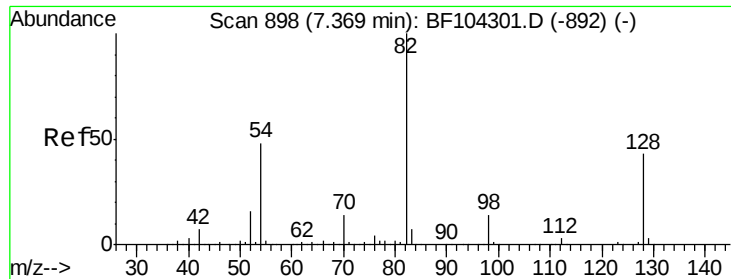
Sohil
4/19/2018 12:43:19 PM



#22
Acetophenone
Concen: 41.164 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	4.4	6.6	
51	31.5	22.3	33.5	
120	21.2	16.9	25.3	





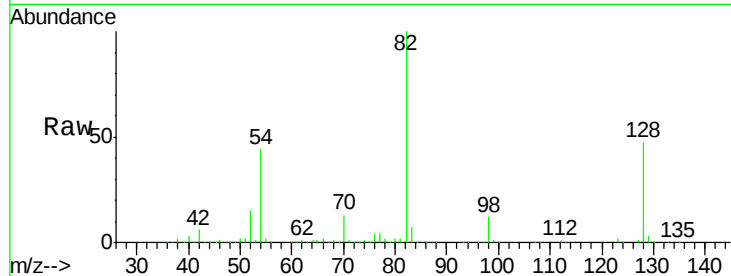
#23
Nitrobenzene-d5
Concen: 104.291 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

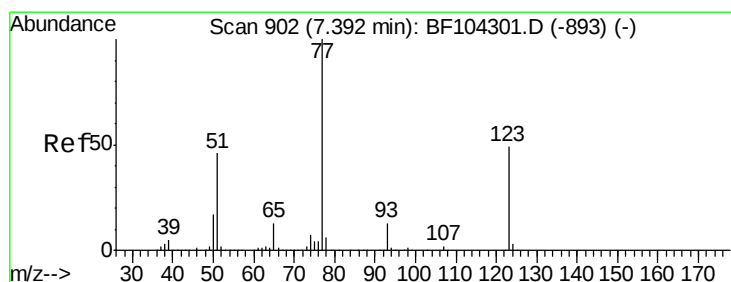
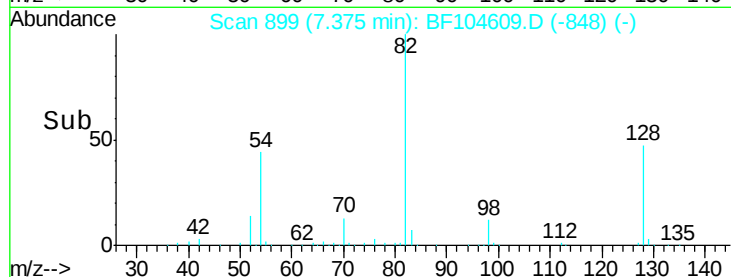
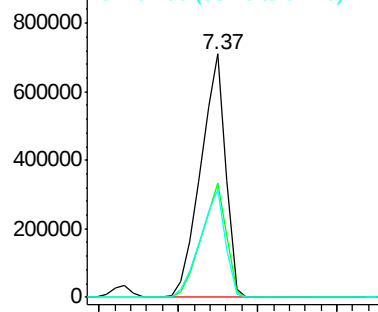
Tot Ion	82	Resp	773784
Ion Ratio	100	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	44.4	41.4	62.2

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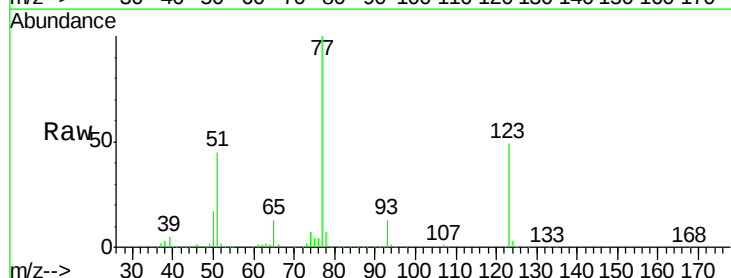


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

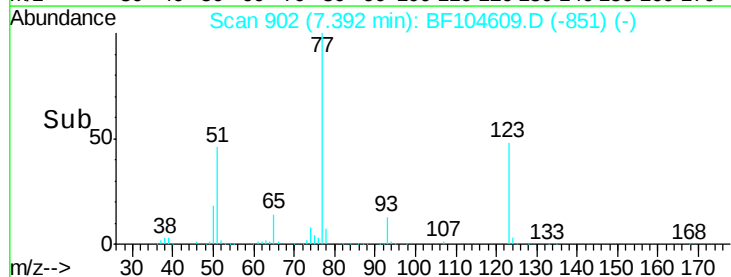
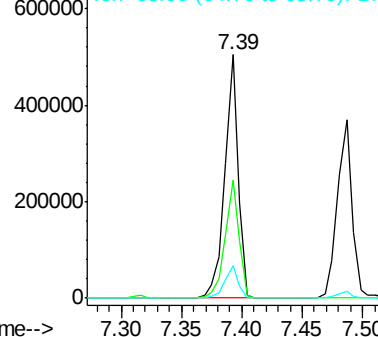


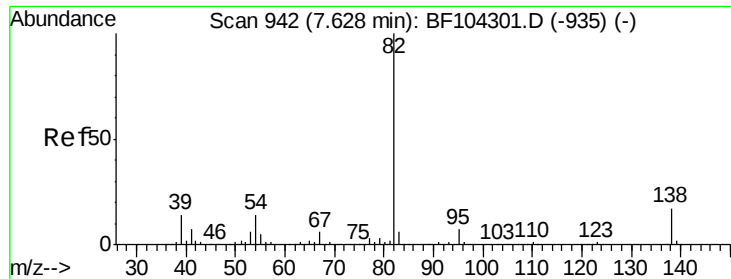
#24
Nitrobenzene
Concen: 48.225 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	77	Resp	395041
Ion Ratio	100	Lower	Upper
77	100		
123	48.6	37.9	56.9
65	13.1	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





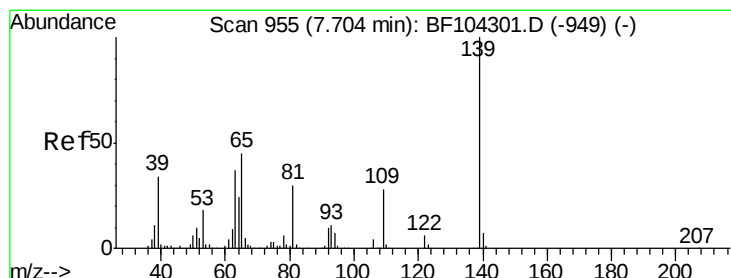
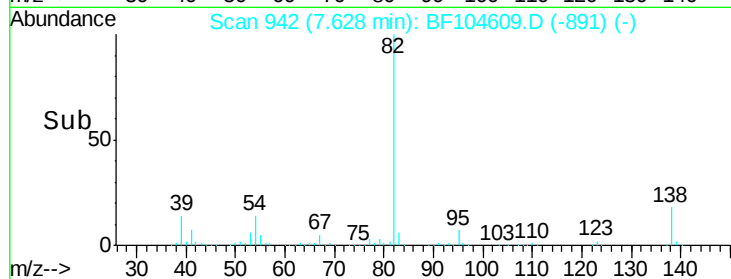
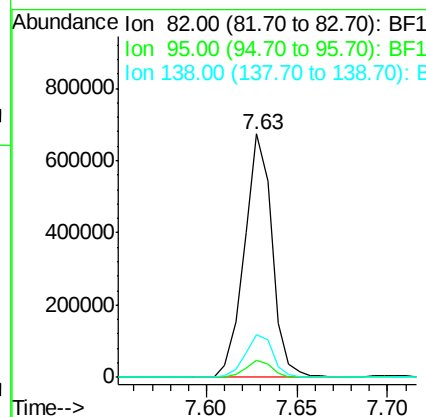
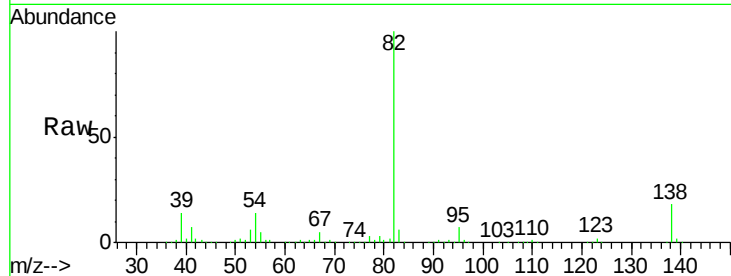
#25
Isophorone
Concen: 45.457 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	713192		
95	6.9	5.2	7.8	
138	17.6	14.9	22.3	

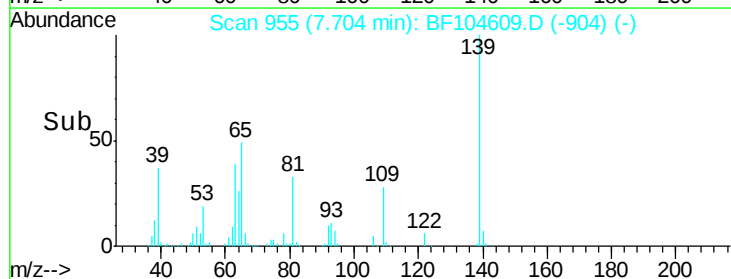
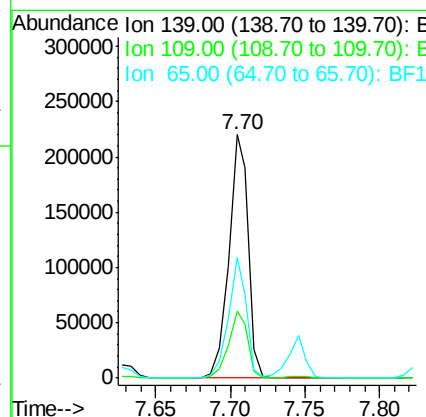
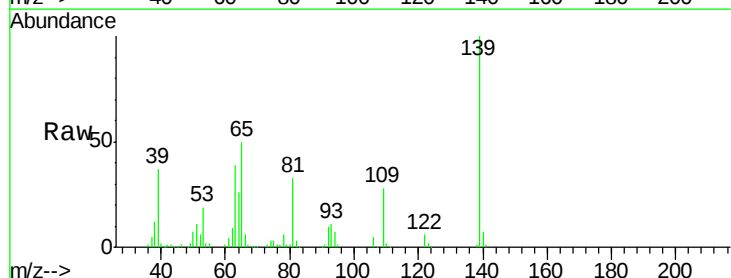
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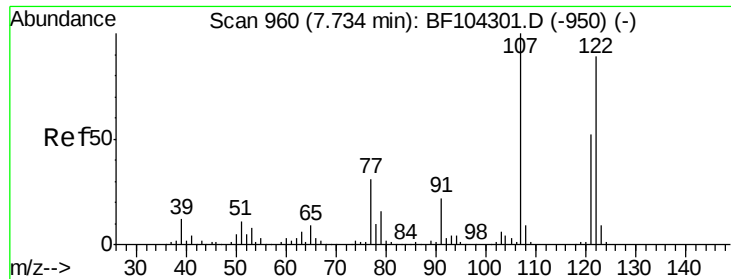
Sohil
4/19/2018 12:43:19 PM



#26
2-Nitrophenol
Concen: 60.700 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	202425		
109	27.6	22.7	34.1	
65	49.7	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 48.119 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

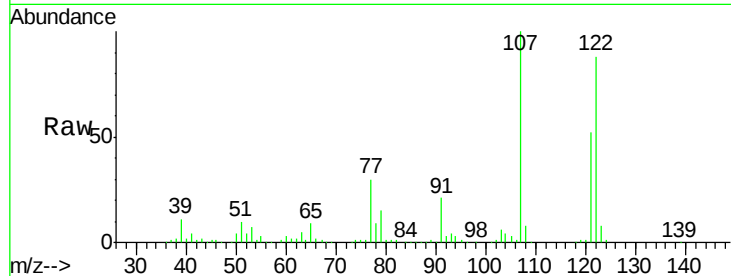
ClientSampleId :

PB108327BSD

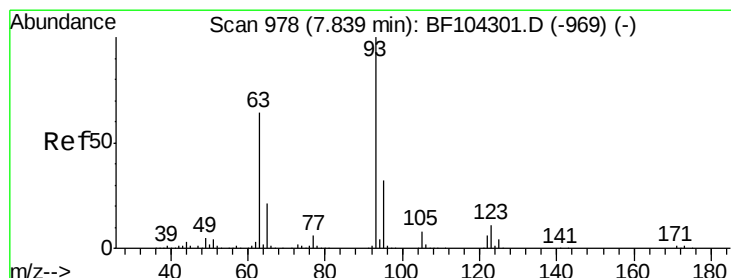
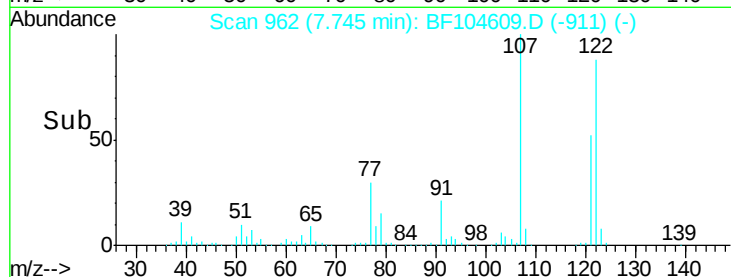
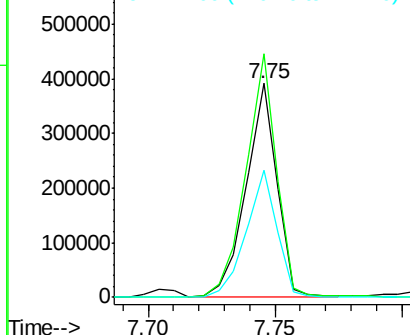
Tot Ion:	122	Resp:	333191
Ion Ratio	Lower	Upper	
122	100		
107	113.7	91.2	136.8
121	59.6	47.2	70.8

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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: 48.213 ng

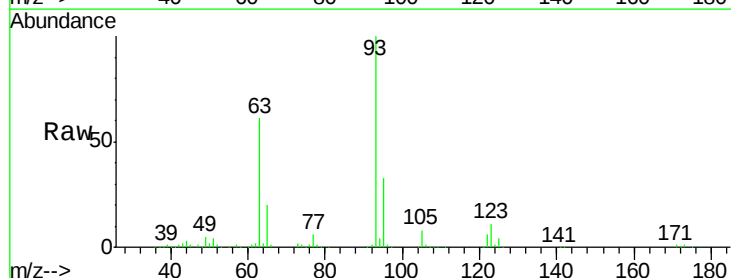
RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

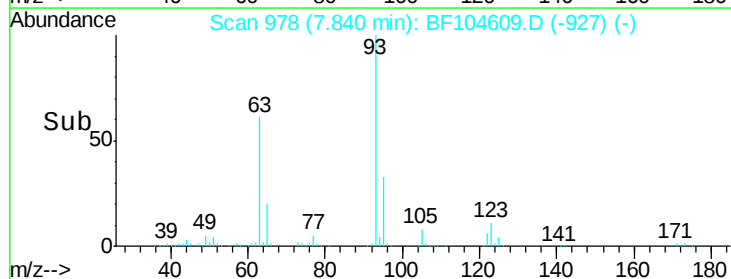
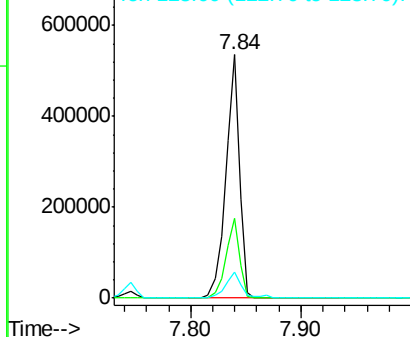
Lab File: BF104609.D

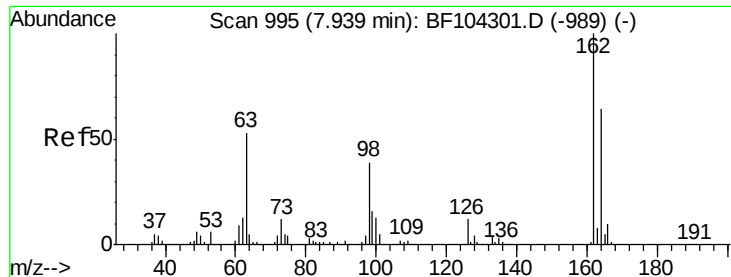
Acq: 18 Apr 2018 18:38

Tgt Ion:	93	Resp:	462500
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	10.8	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





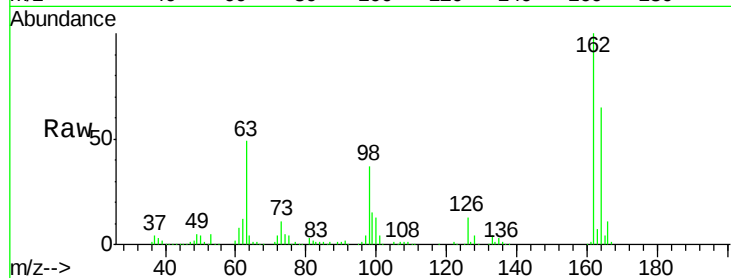
#29
2,4-Dichlorophenol
Concen: 46.717 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

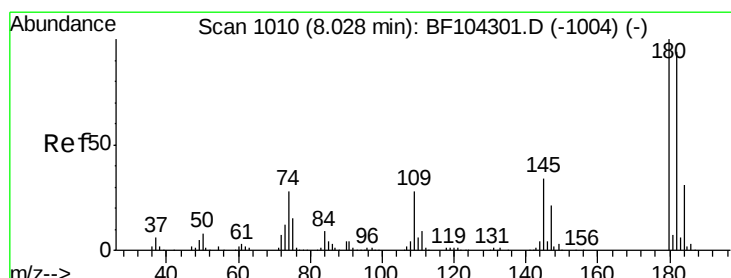
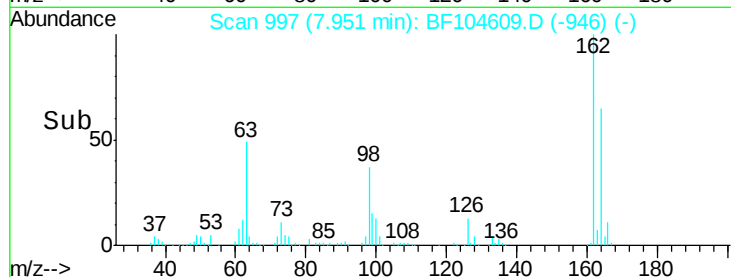
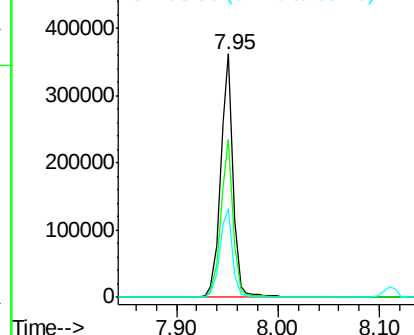
Tot Ion	Ratio	Resp	Lower	Upper
162	100	308652		
164	64.6	42.7	82.7	
98	36.7	18.1	58.1	

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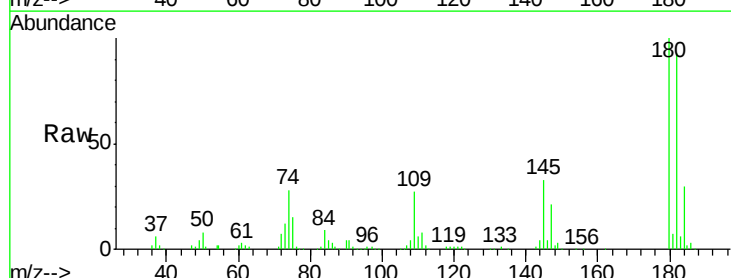


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

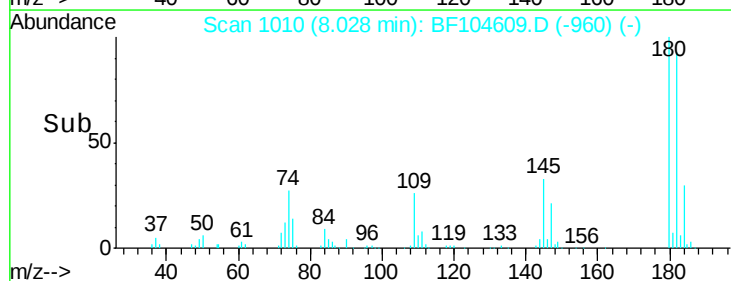
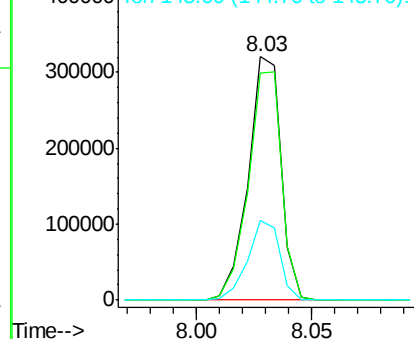


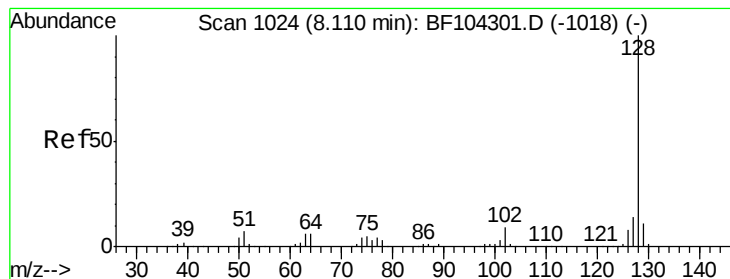
#30
1,2,4-Trichlorobenzene
Concen: 43.960 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	318739		
182	93.4	76.8	115.2	
145	32.6	26.5	39.7	



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





#31

Naphthalene

Concen: 44.014 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

PB108327BSD

Tot Ion:128 Resp: 1061818

Ion Ratio Lower Upper

128 100

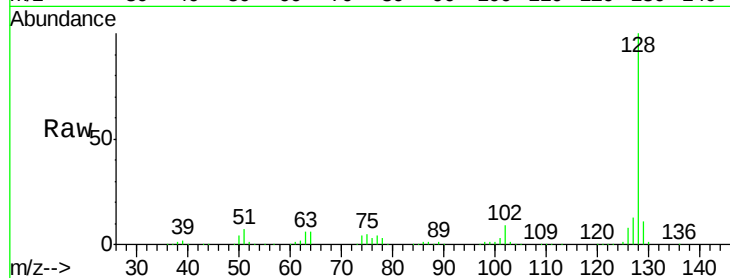
129 11.4 8.8 13.2

127 13.3 10.9 16.3

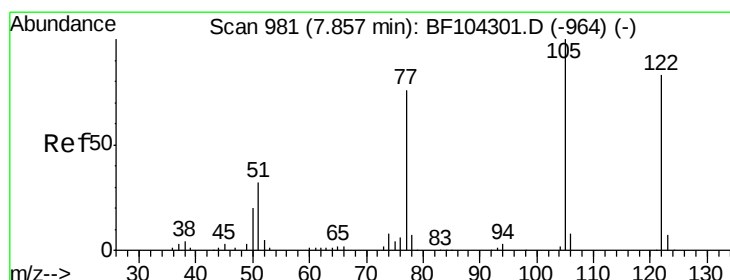
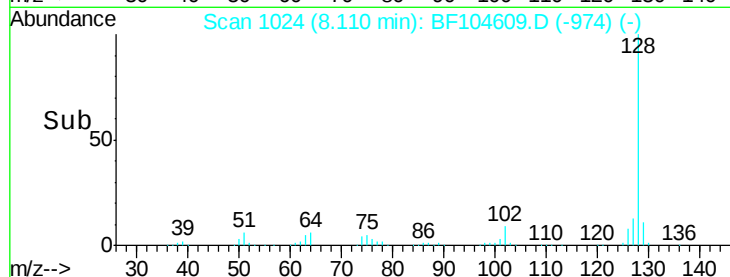
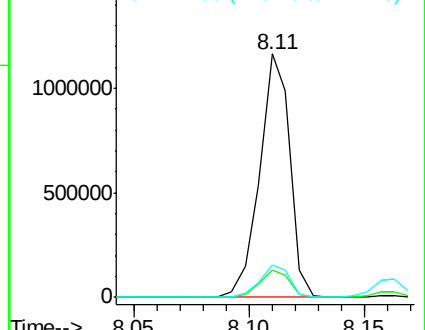
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.123 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

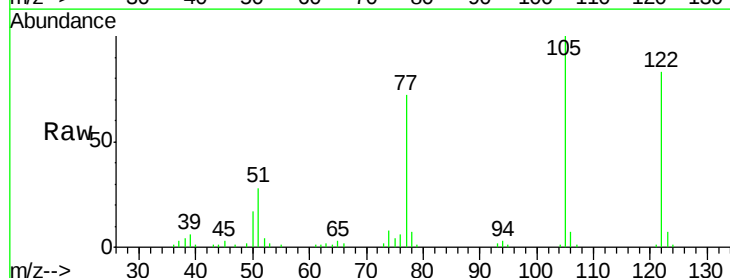
Tgt Ion:122 Resp: 199572

Ion Ratio Lower Upper

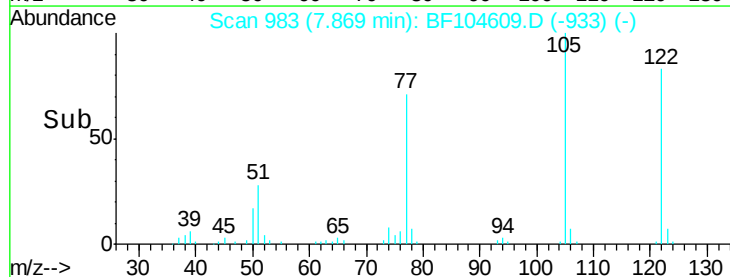
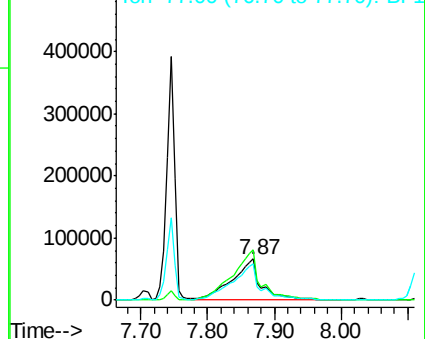
122 100

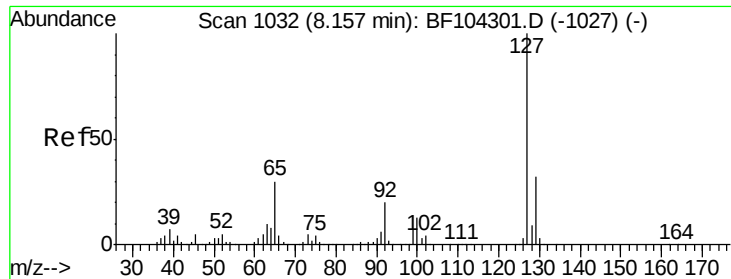
105 120.6 101.1 141.1

77 87.1 70.7 110.7



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





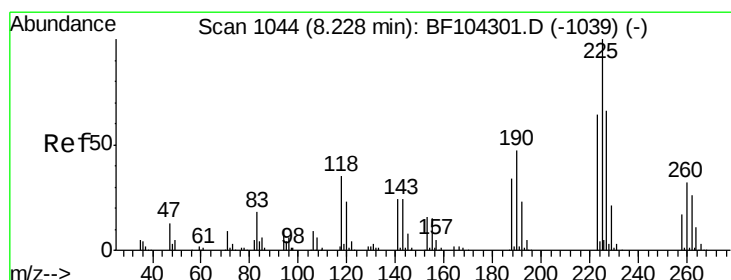
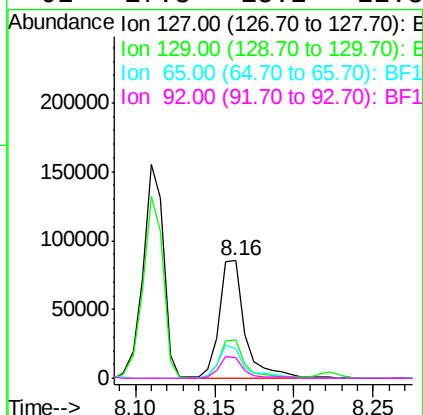
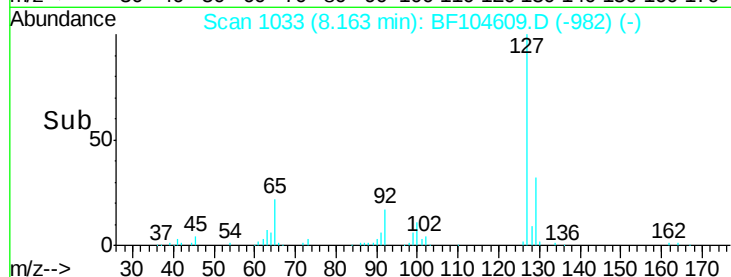
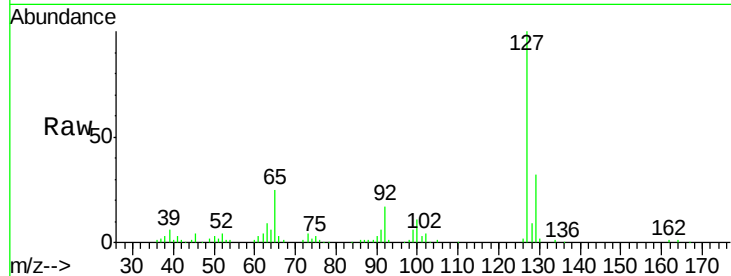
#33
4-Chloroaniline
Concen: 9.215 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4		25.9	38.9	
65	24.8		25.0	37.4	
92	17.3		15.2	22.8	

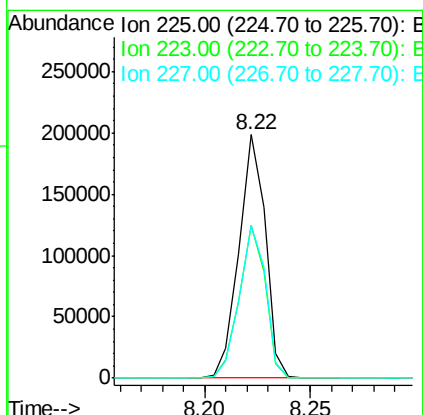
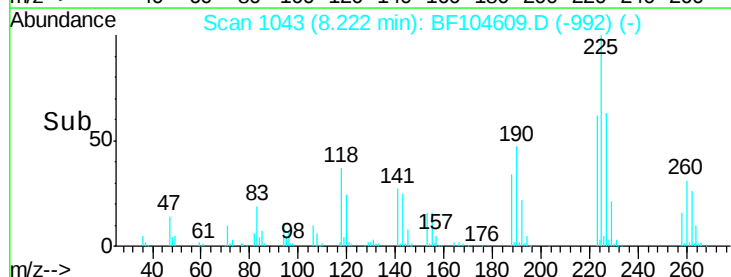
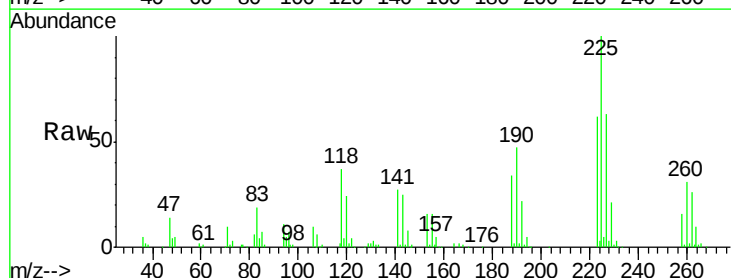
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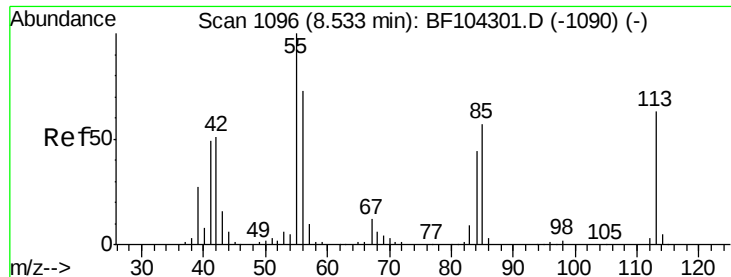
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#34
Hexachlorobutadiene
Concen: 43.387 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5		50.6	76.0	
227	62.6		51.9	77.9	





#35

Caprolactam

Concen: 45.497 ng/ml

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

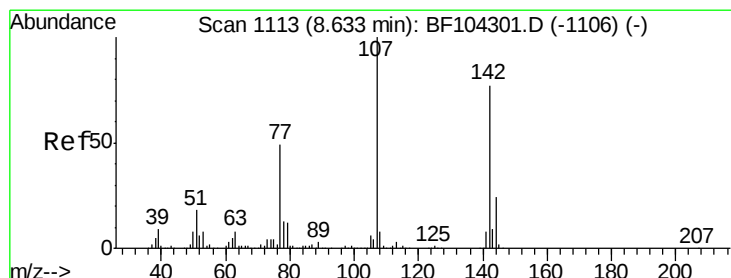
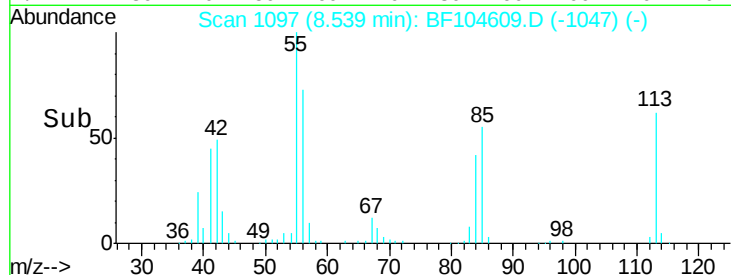
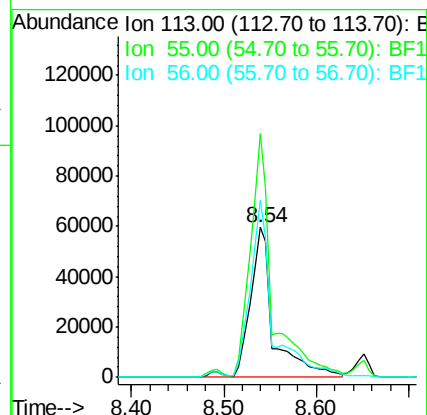
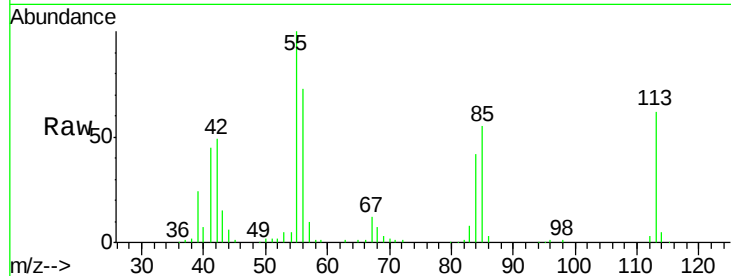
ClientSampleId :

PB108327BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	162.4		163.3	203.3	#
56	118.0		115.7	155.7	

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#36

4-Chloro-3-methylphenol

Concen: 46.207 ng/ml

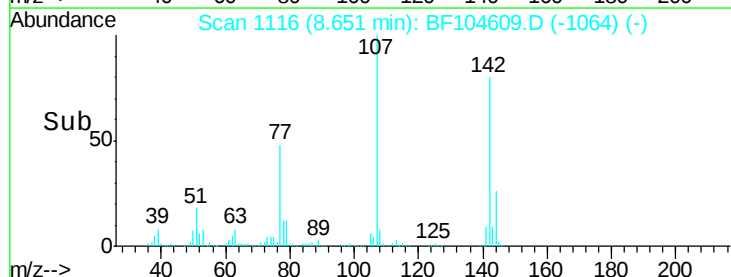
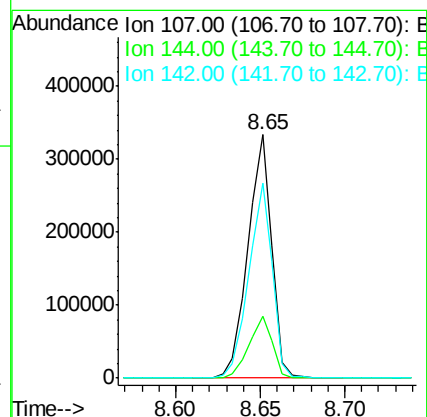
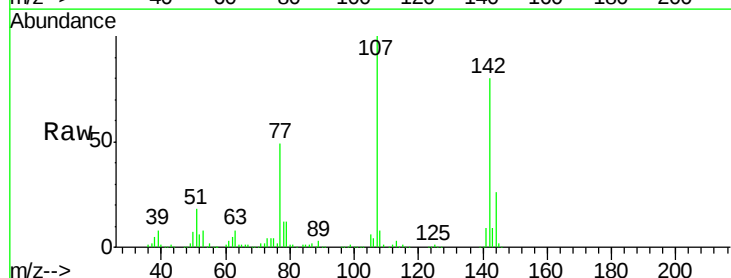
RT: 8.65 min Scan# 1116

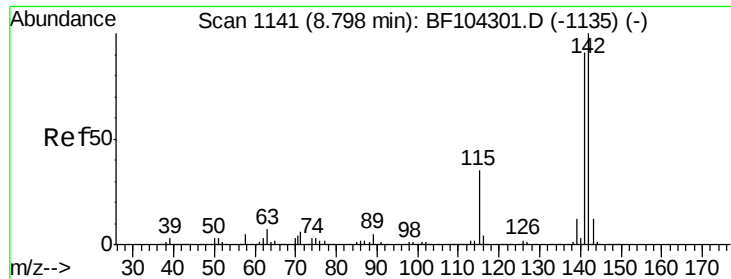
Delta R.T. 0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.7		20.5	30.7	
142	80.0		62.0	93.0	





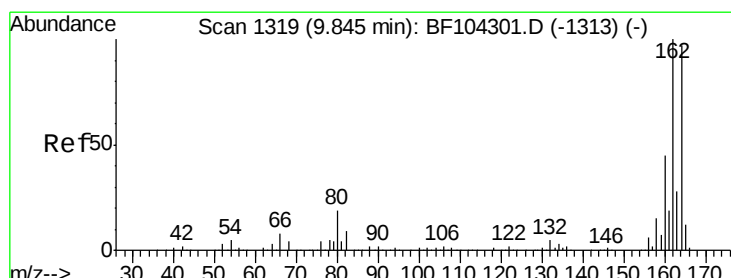
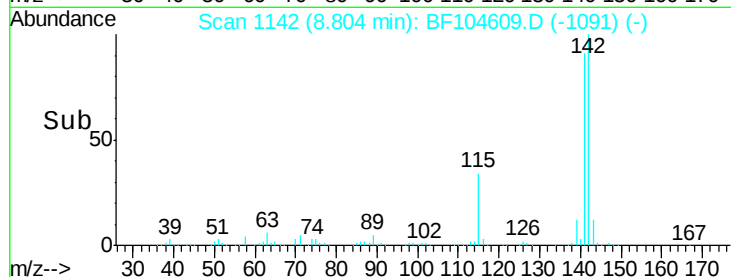
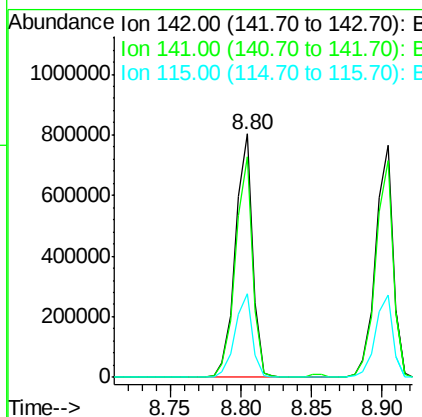
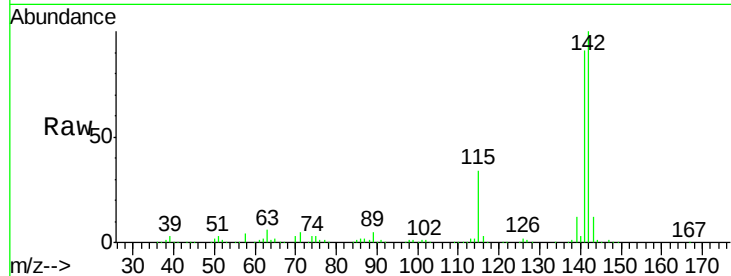
#37
2-Methylnaphthalene
Concen: 43.728 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	34.3	26.1	39.1

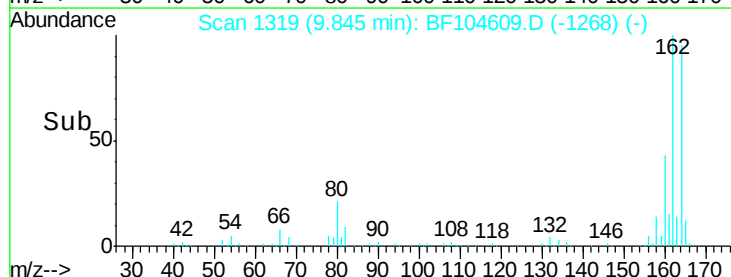
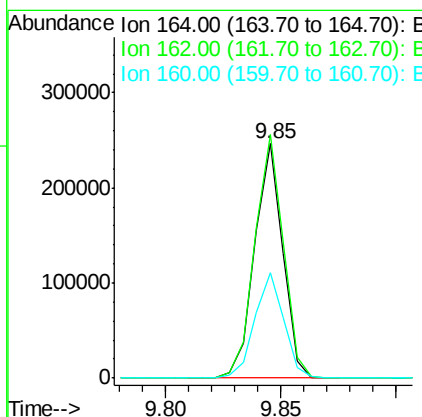
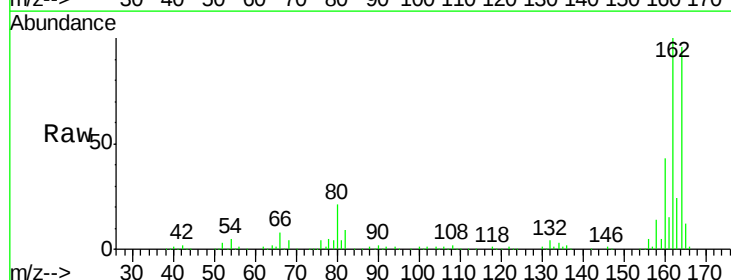
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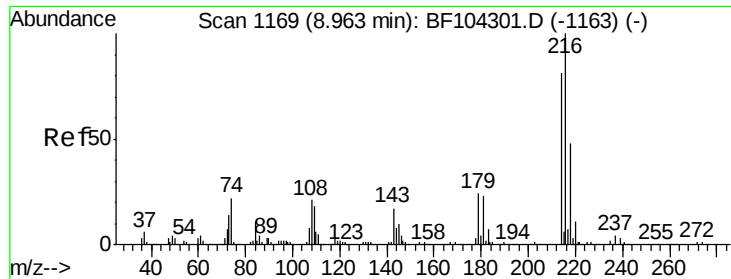
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.2	38.3	57.5





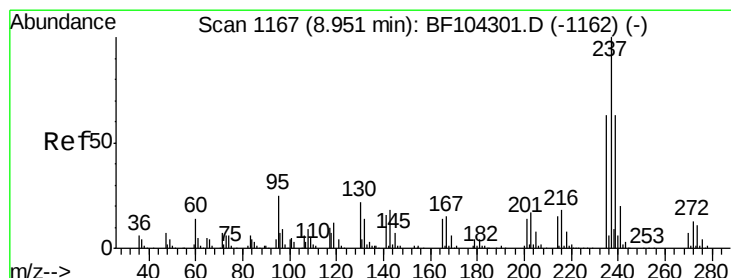
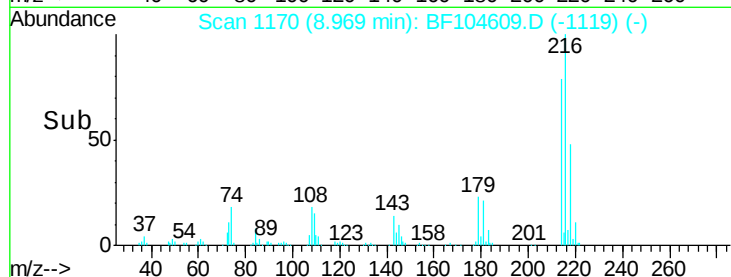
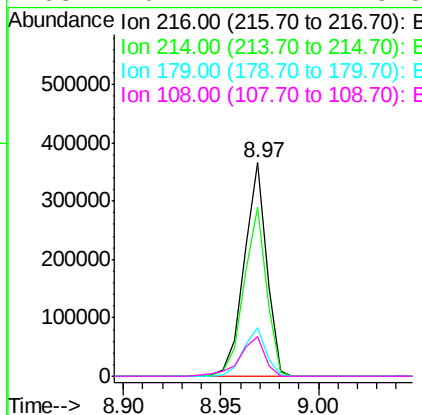
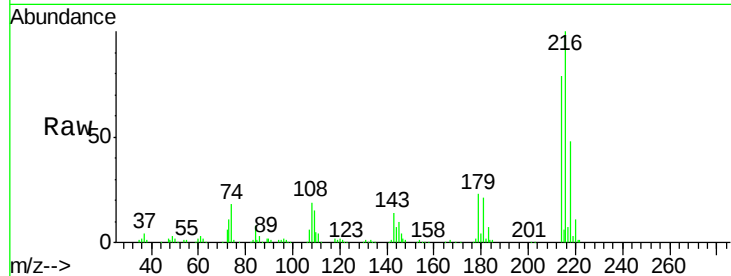
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.757 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		292123		
214	79.4	63.0	94.4		
179	22.5	18.1	27.1		
108	20.7	17.2	25.8		

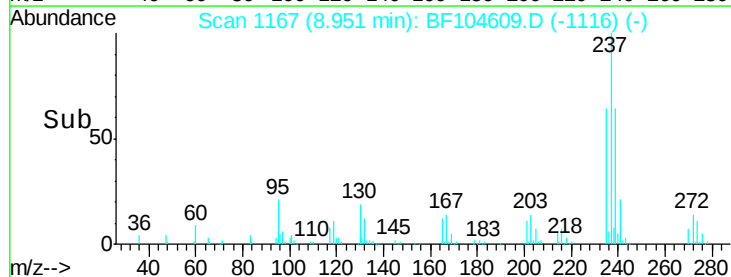
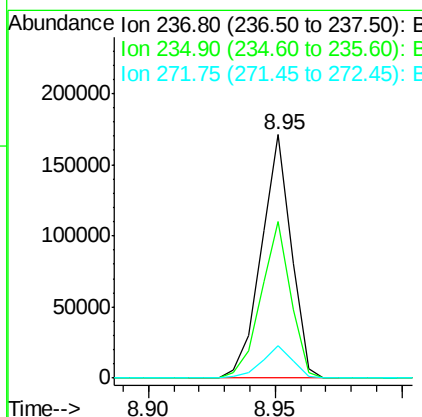
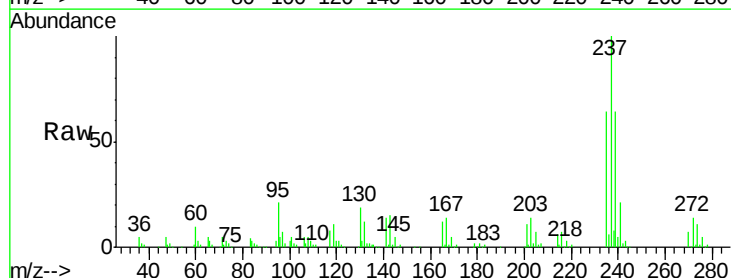
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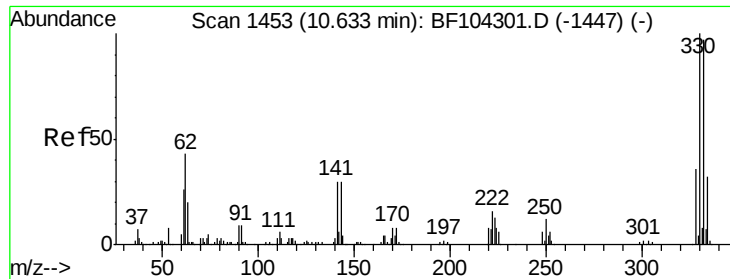
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#40
 Hexachlorocyclopentadiene
 Concen: 41.909 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		140572		
235	64.2	44.8	84.8		
272	13.5	0.0	33.3		





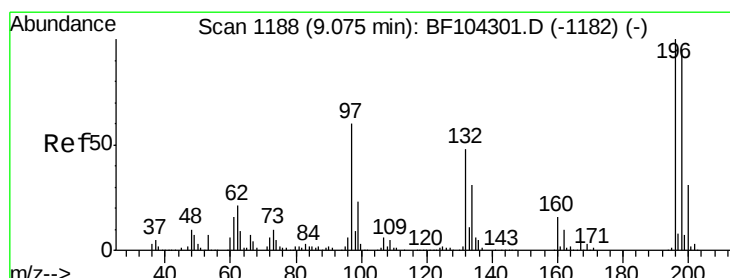
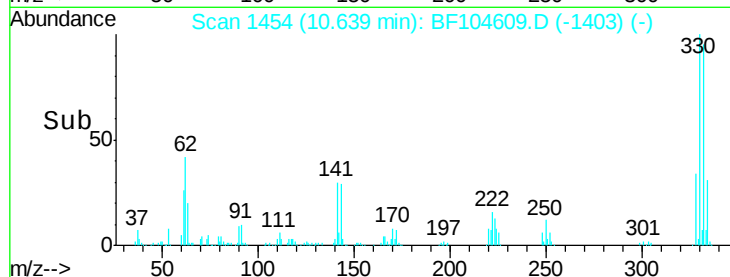
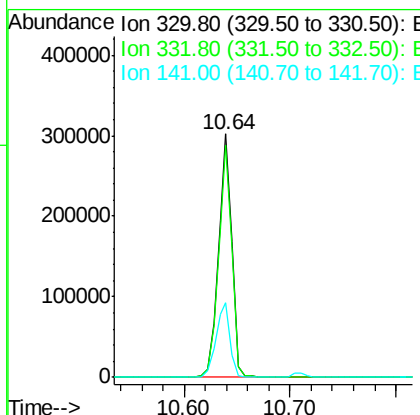
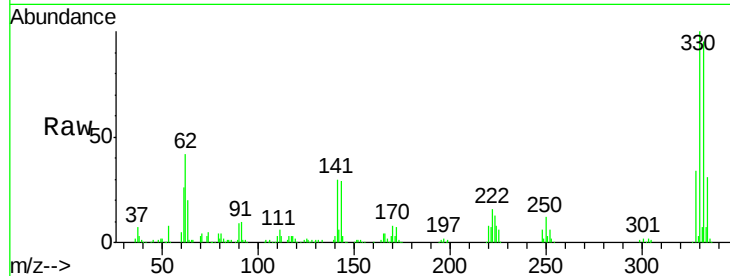
#41
 2,4,6-Tribromophenol
 Concen: 124.933 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	271250		
332	95.4	77.0	115.6	
141	32.2	29.9	44.9	

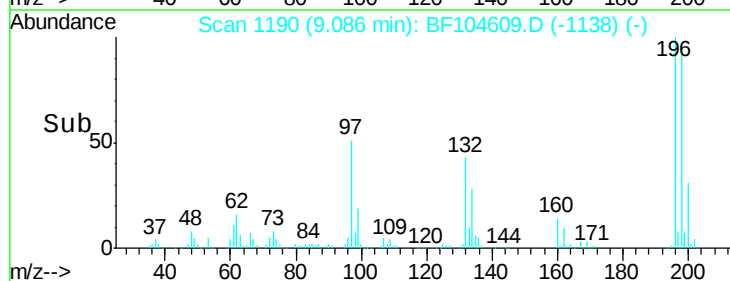
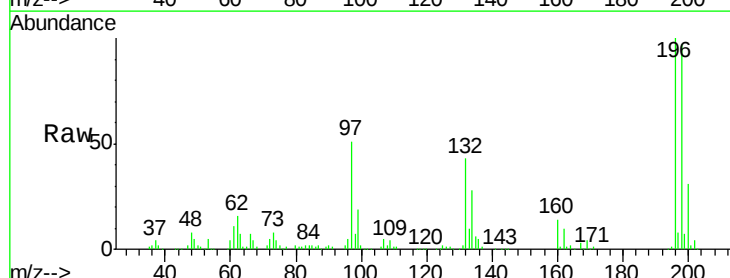
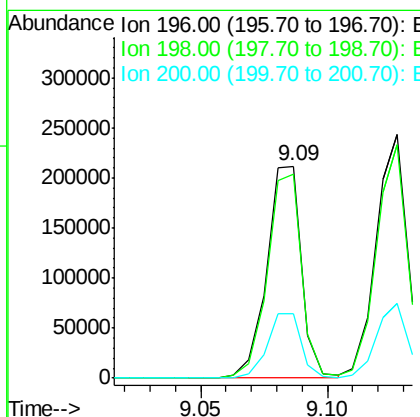
Manual Integrations
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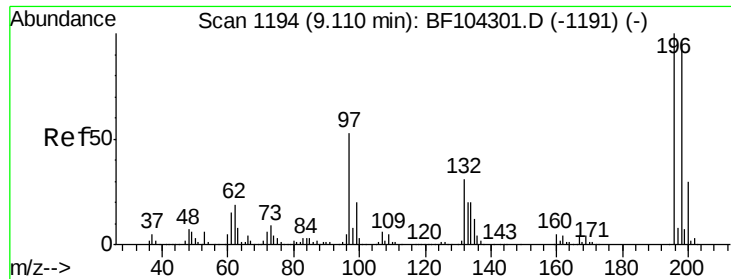
Sohil
 4/19/2018 12:43:19 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.882 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203310		
198	96.5	75.7	113.5	
200	30.5	24.5	36.7	





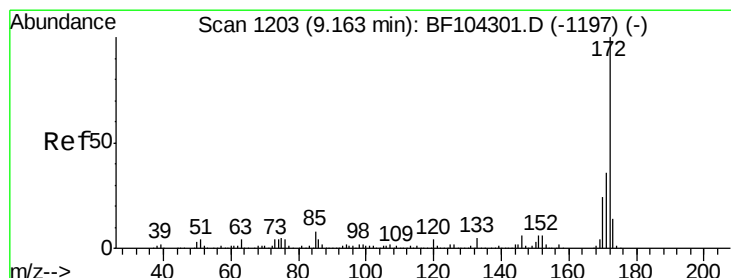
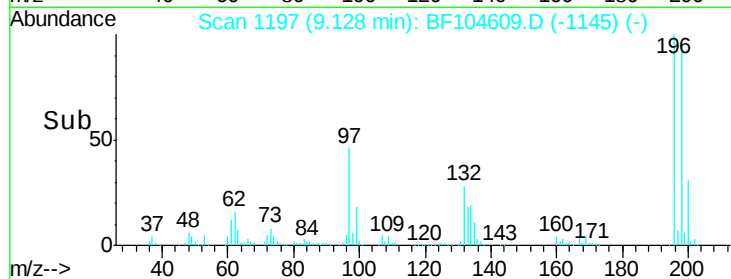
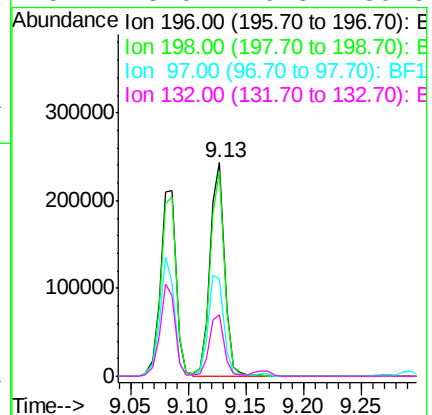
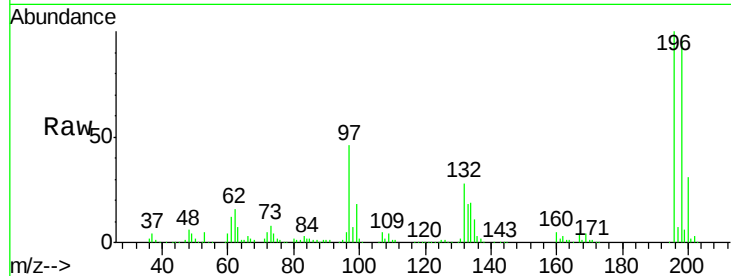
#43
 2,4,5-Trichlorophenol
 Concen: 46.267 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215337		
198	95.8	74.6	112.0	
97	45.6	42.9	64.3	
132	28.5	26.3	39.5	

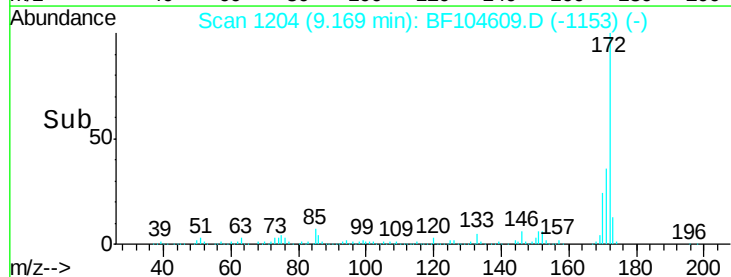
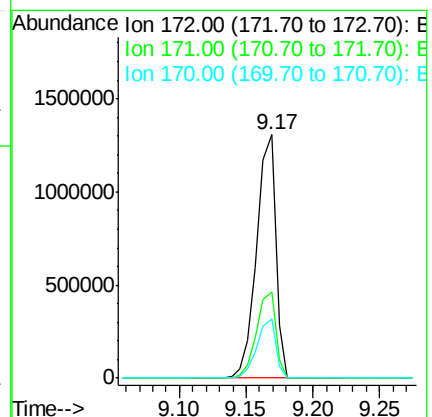
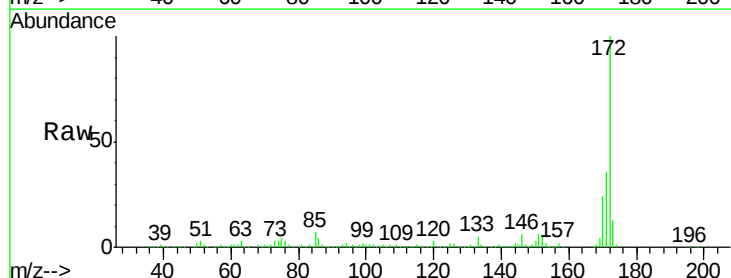
Manual Integrations
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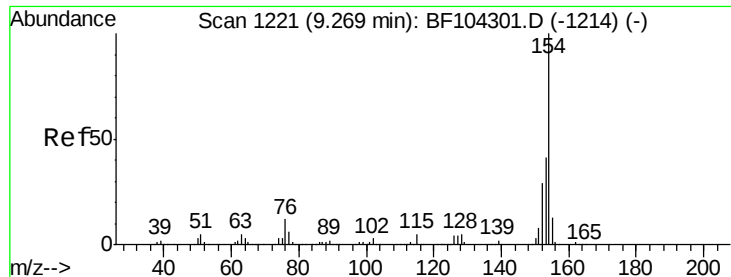
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 96.793 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1282424		
171	35.7	29.7	44.5	
170	24.2	19.6	29.4	





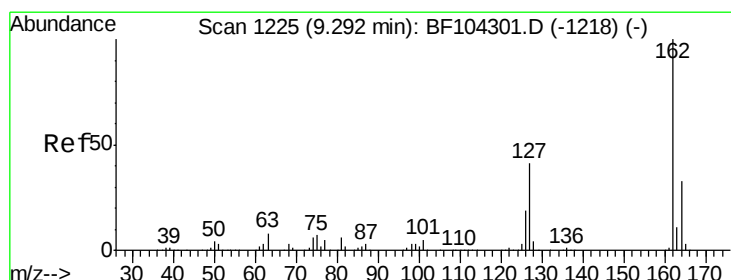
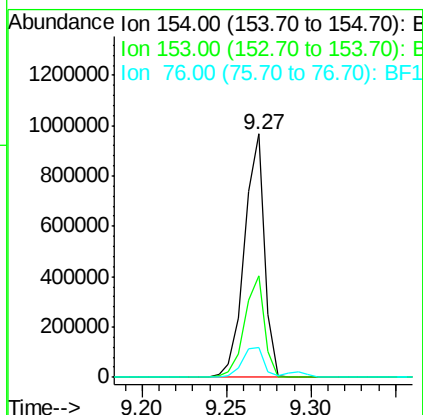
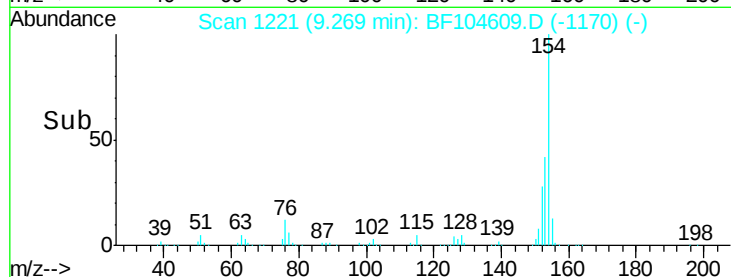
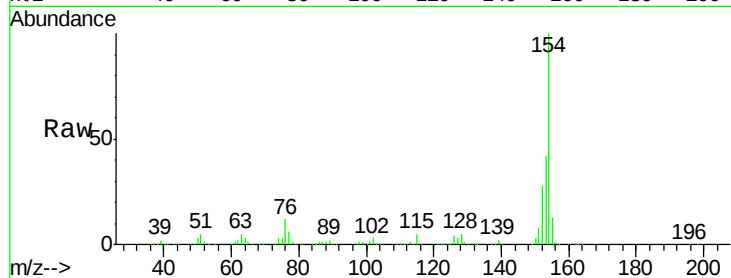
#45
 1,1'-Biphenyl
 Concen: 45.537 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	12.2	0.0	34.0

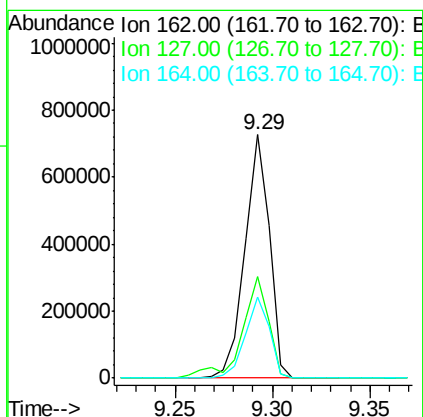
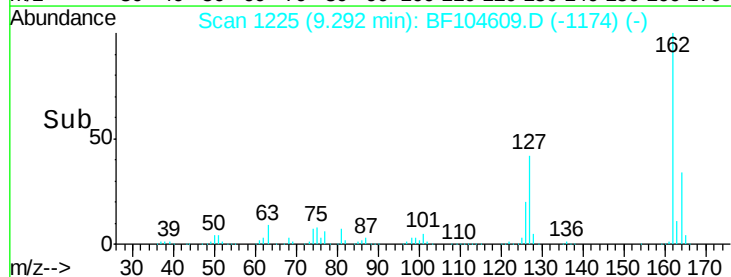
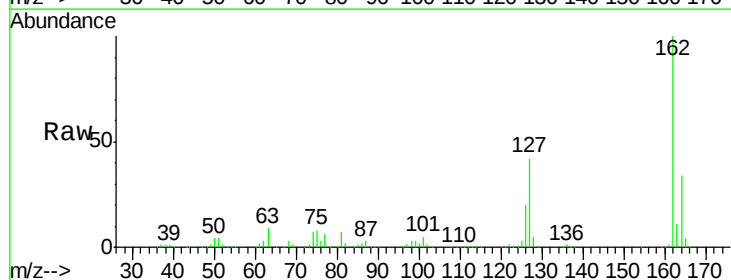
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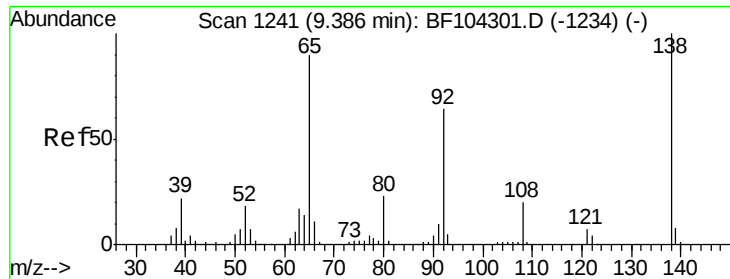
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#46
 2-Chloronaphthalene
 Concen: 45.567 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	33.5	26.5	39.7





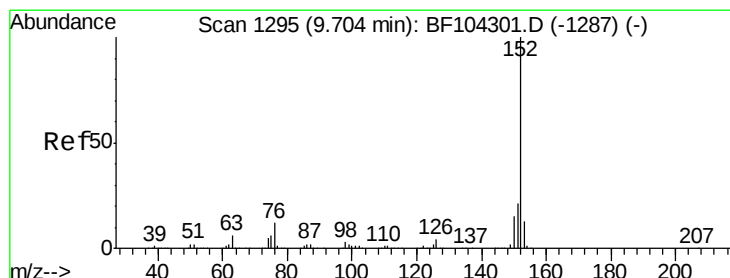
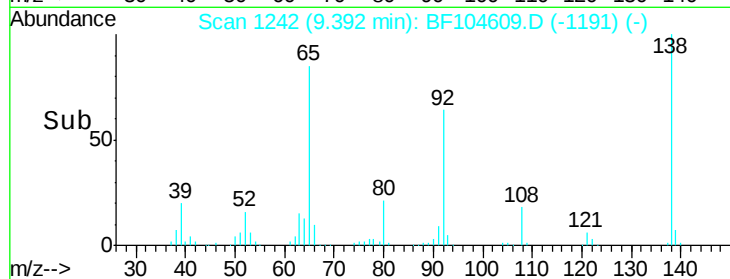
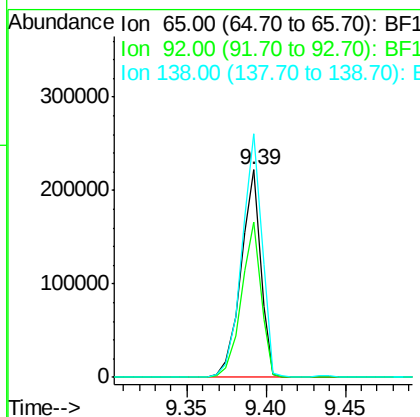
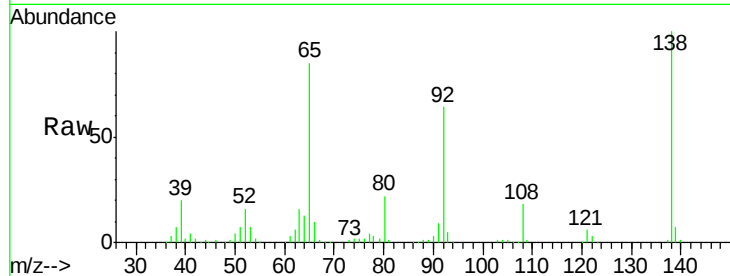
#47
 2-Nitroaniline
 Concen: 56.056 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion:	65	Resp:	192529
Ion Ratio	Lower	Upper	
65	100		
92	74.7	55.8	83.6
138	117.4	91.2	136.8

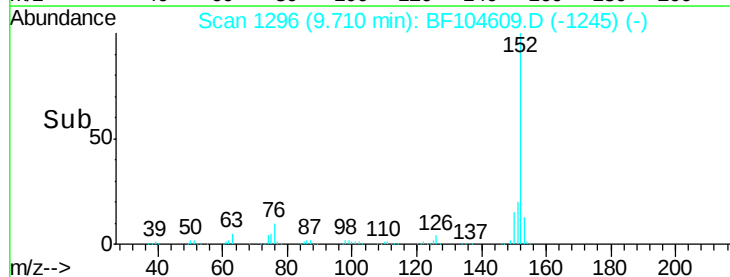
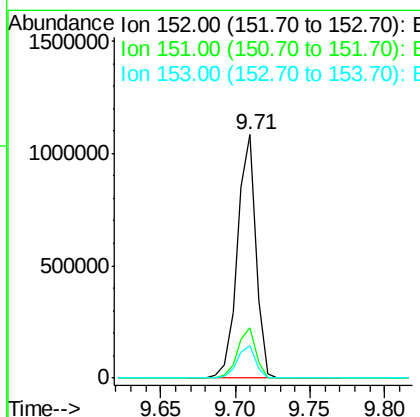
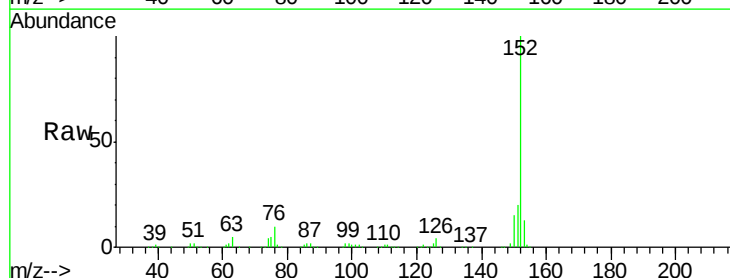
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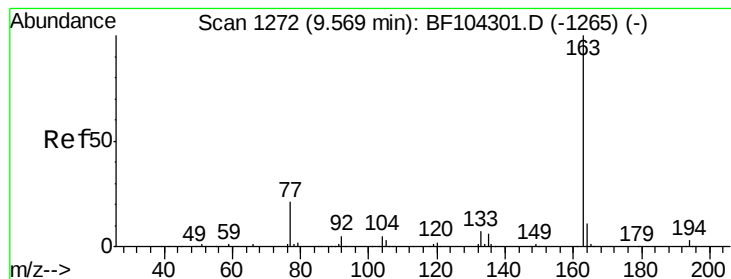
Sohil
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#48
 Acenaphthylene
 Concen: 43.206 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion:	152	Resp:	941474
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1





#49

Dimethylphthalate

Concen: 46.565 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

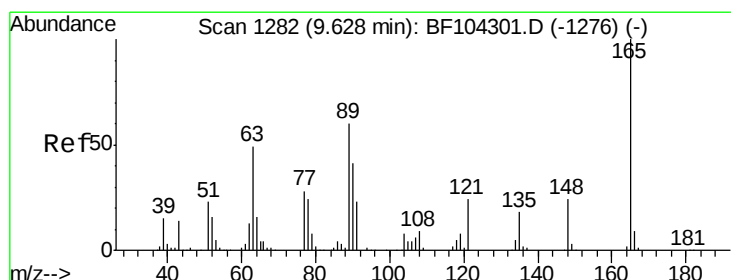
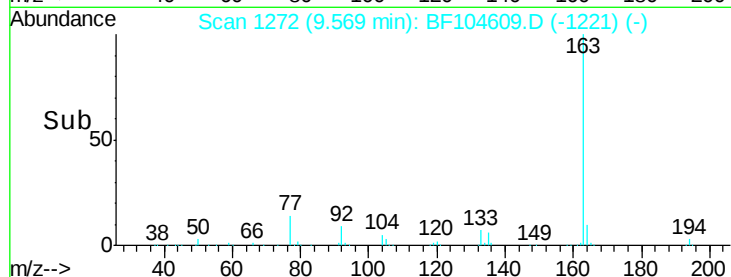
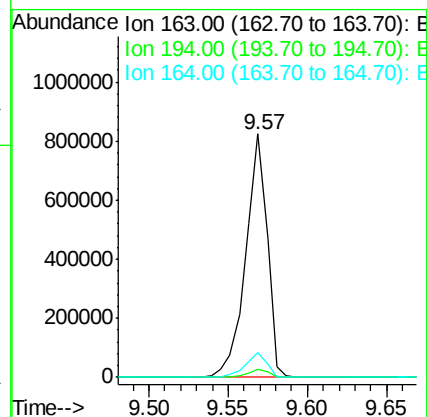
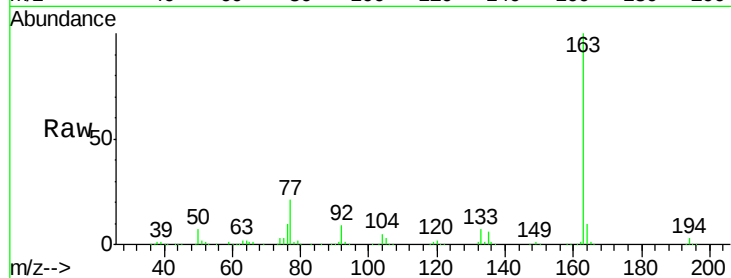
ClientSampleID :

PB108327BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.4		2.7	4.1	
164	10.1		8.2	12.2	

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#50

2,6-Dinitrotoluene

Concen: 54.164 ng

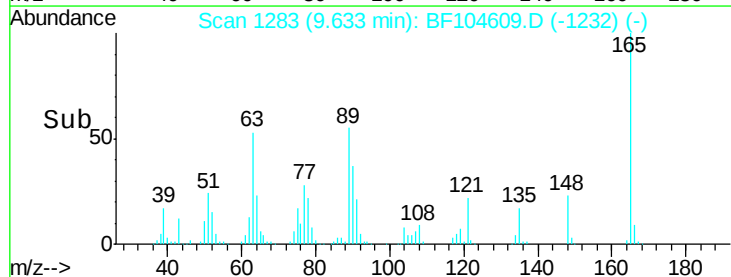
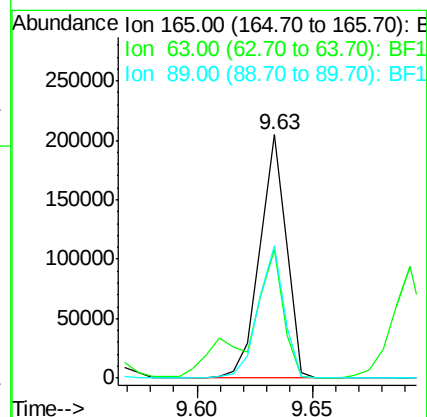
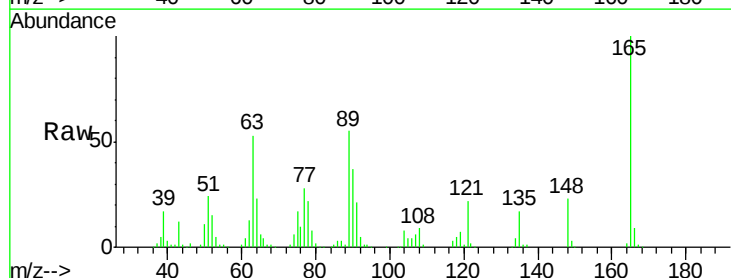
RT: 9.63 min Scan# 1283

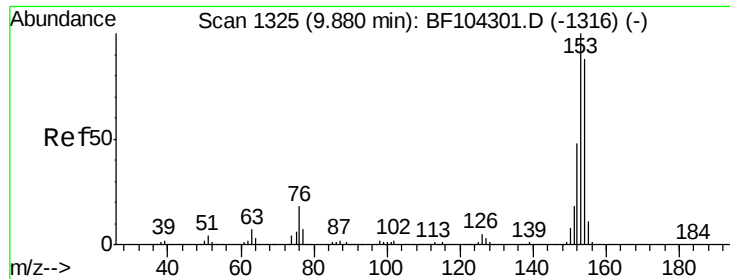
Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	52.6		44.7	67.1	
89	54.5		44.0	66.0	





#51

Acenaphthene

Concen: 40.961 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

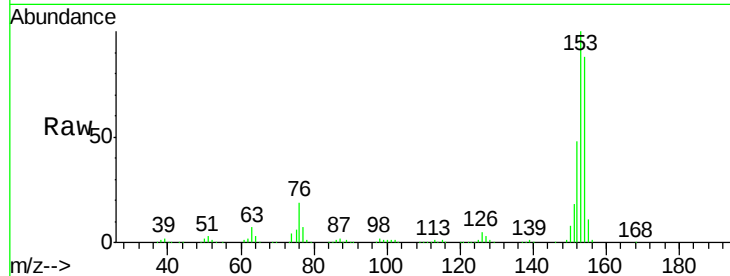
ClientSampleId :

PB108327BSD

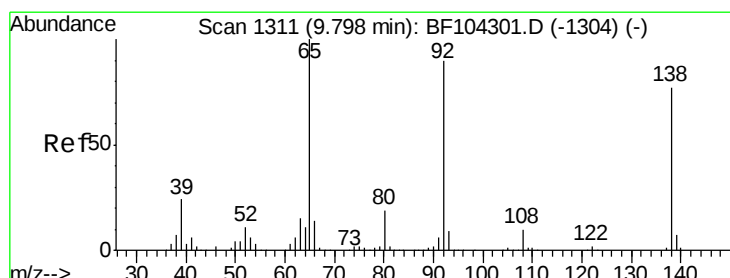
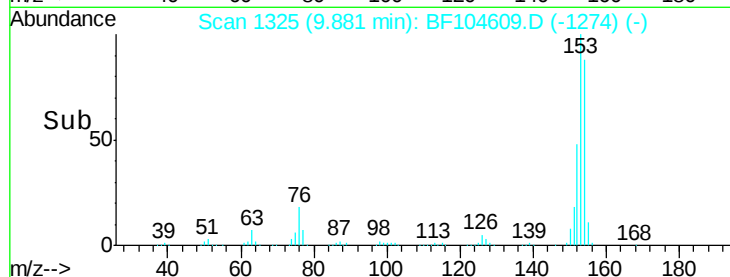
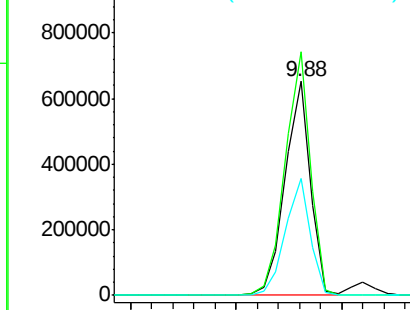
Tot Ion:	154	Resp:	544573
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	54.6	43.8	65.8

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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: 19.599 ng

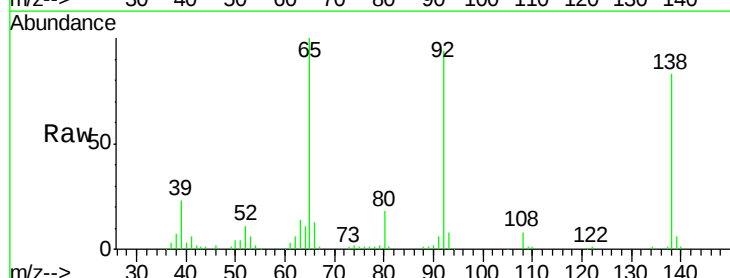
RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

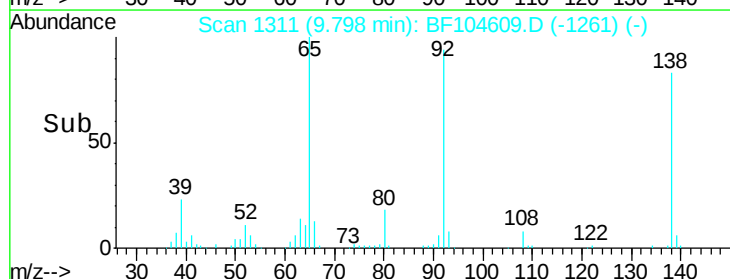
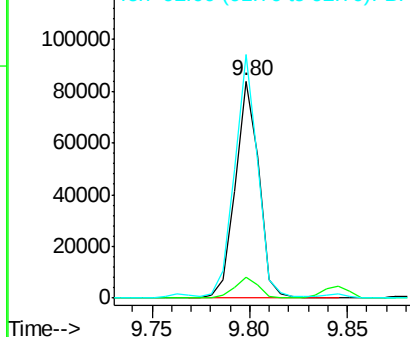
Lab File: BF104609.D

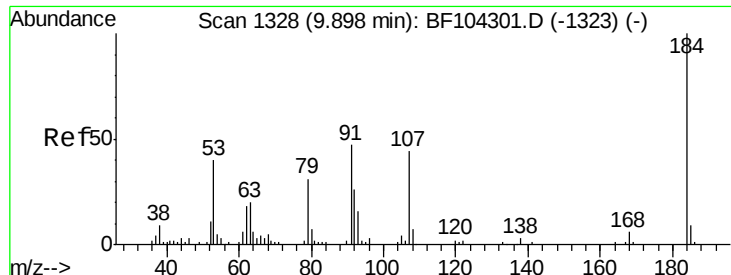
Acq: 18 Apr 2018 18:38

Tgt Ion:	138	Resp:	70074
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	112.2	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





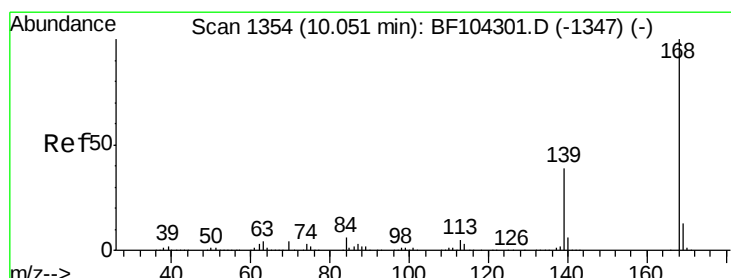
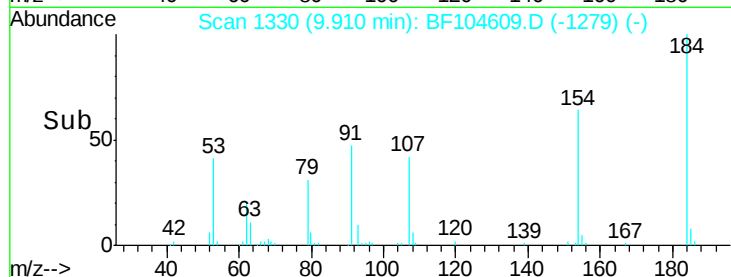
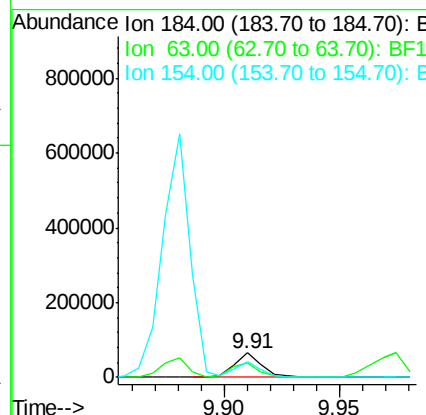
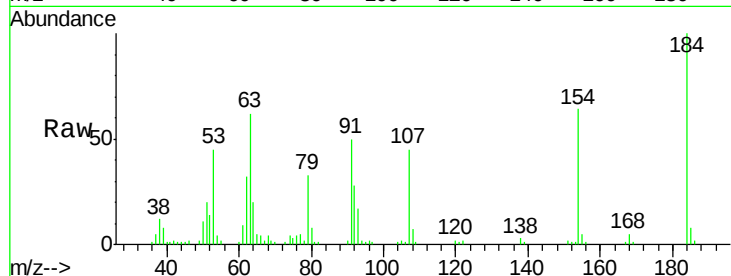
#53
 2,4-Dinitrophenol
 Concen: 51.899 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	53957		
63	61.8	54.2	81.2	
154	64.3	184.0	276.0	

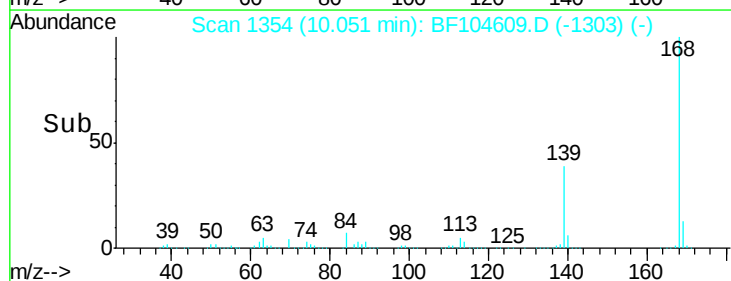
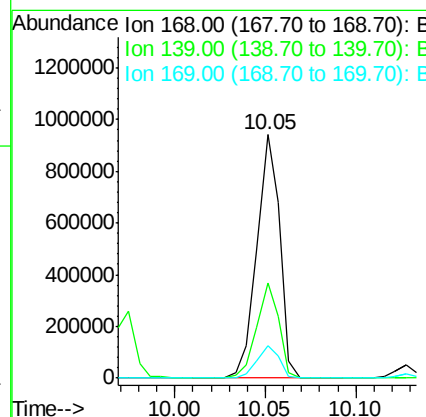
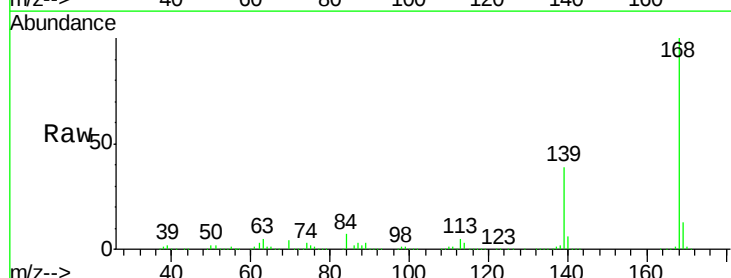
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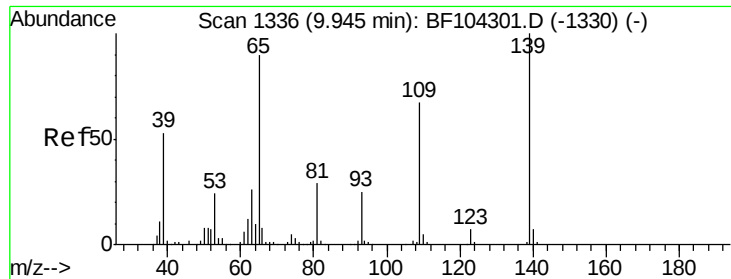
Sohil
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#54
 Dibenzofuran
 Concen: 44.602 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	826388		
139	39.2	30.1	45.1	
169	13.5	10.9	16.3	





#55

4-Nitrophenol

Concen: 85.829 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

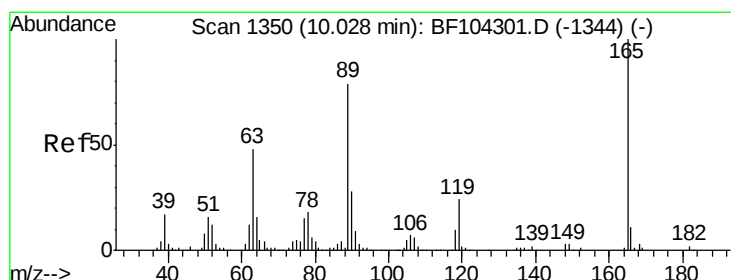
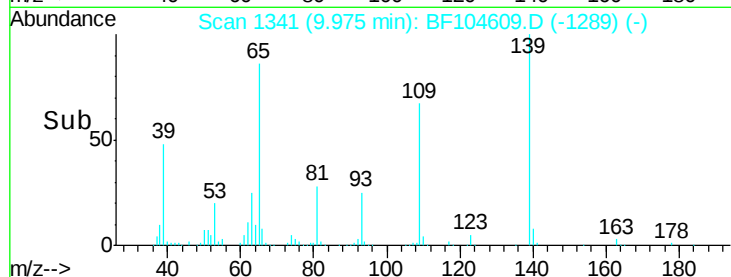
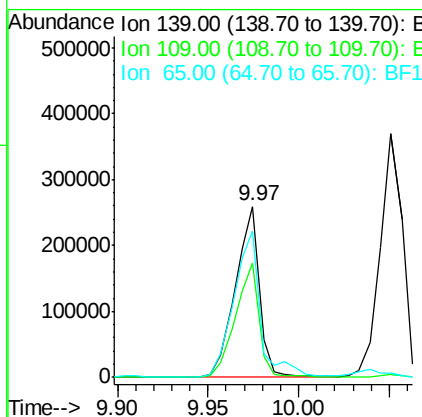
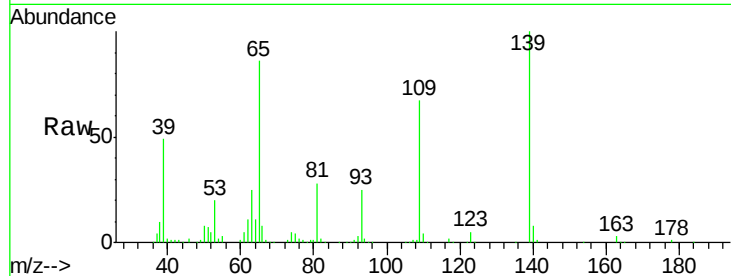
ClientSampleId :

PB108327BSD

Tot Ion:	139	Resp:	241062
Ion Ratio	Lower	Upper	
139	100		
109	66.8	48.4	88.4
65	85.6	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 50.830 ng

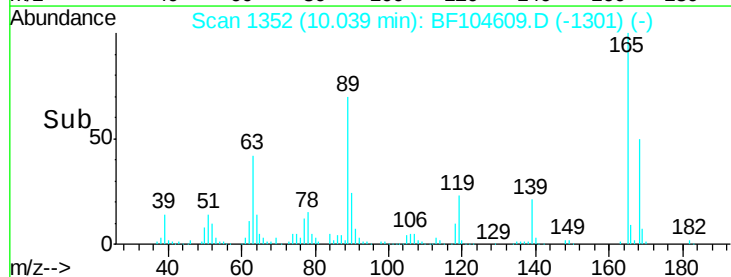
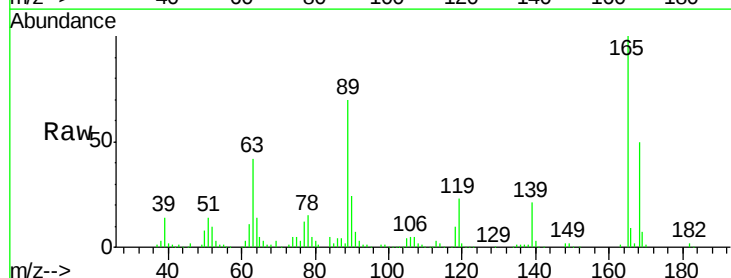
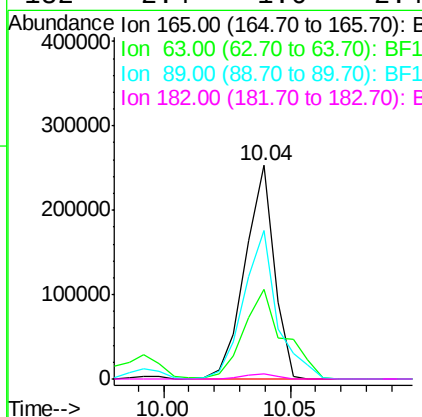
RT: 10.04 min Scan# 1352

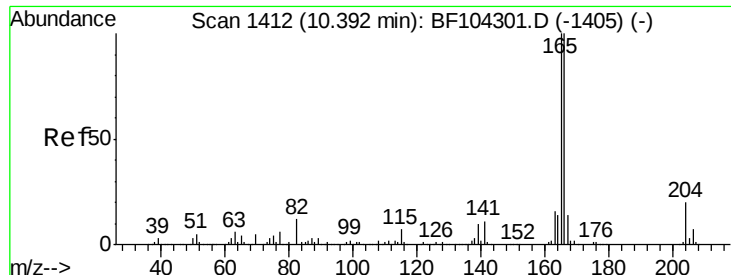
Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:	165	Resp:	203629
Ion Ratio	Lower	Upper	
165	100		
63	42.2	36.4	54.6
89	69.8	57.8	86.6
182	2.4	1.6	2.4#





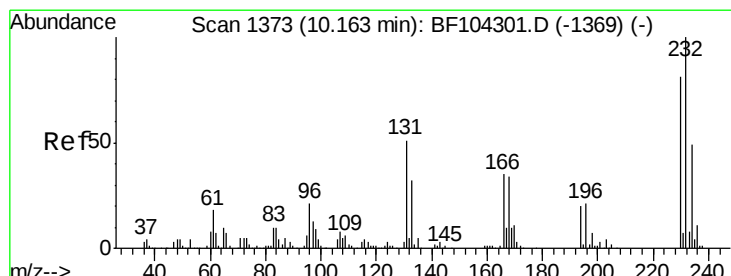
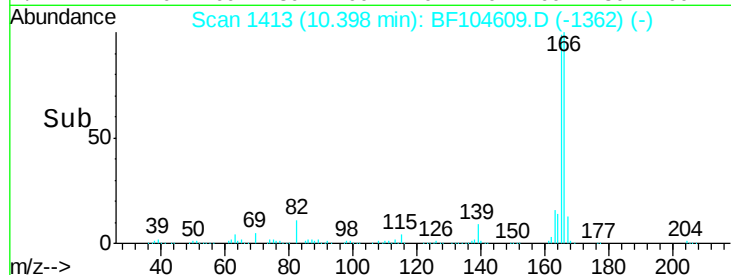
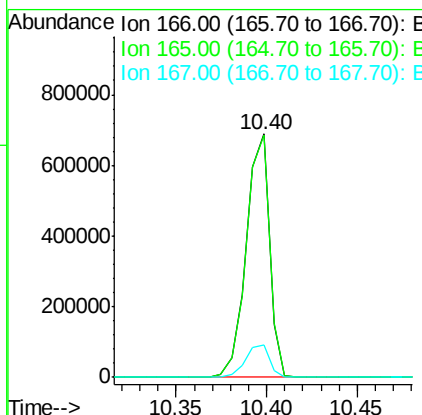
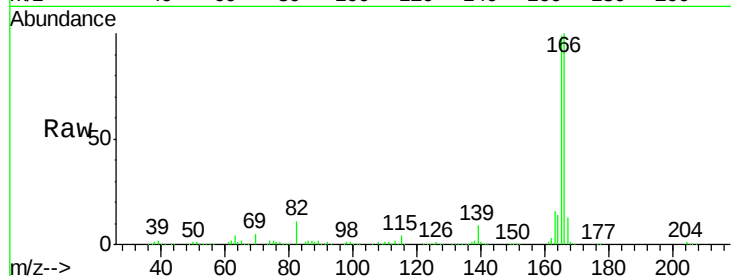
#57
 Fluorene
 Concen: 45.605 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	615030		
165	99.4	79.8	119.8	
167	13.4	10.6	16.0	

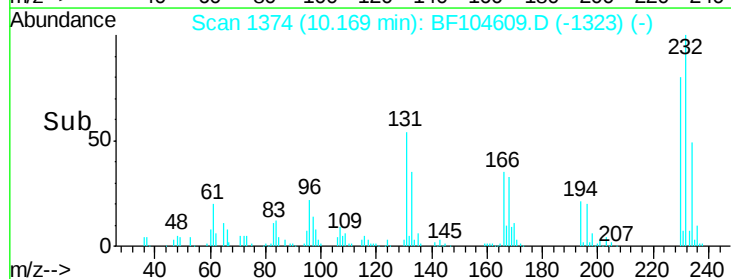
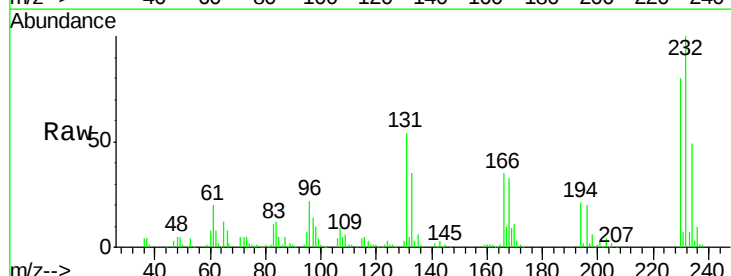
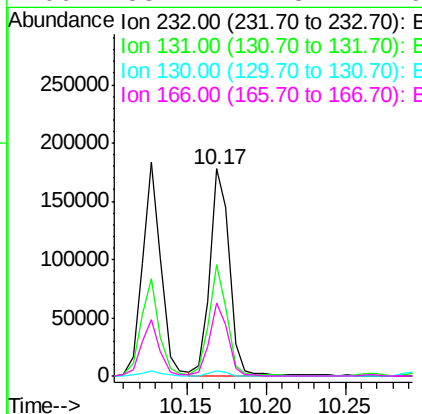
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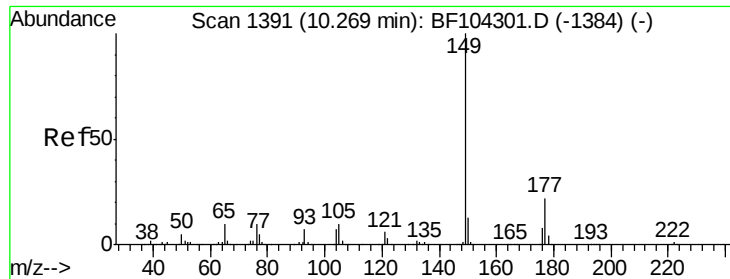
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.092 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	153100		
131	49.8	43.8	65.8	
130	2.5	2.1	3.1	
166	33.7	27.8	41.6	





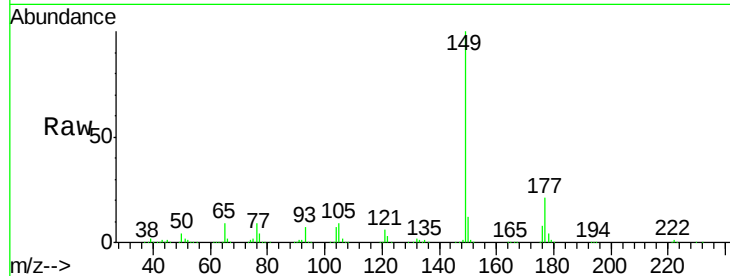
#59
Diethylphthalate
Concen: 44.224 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

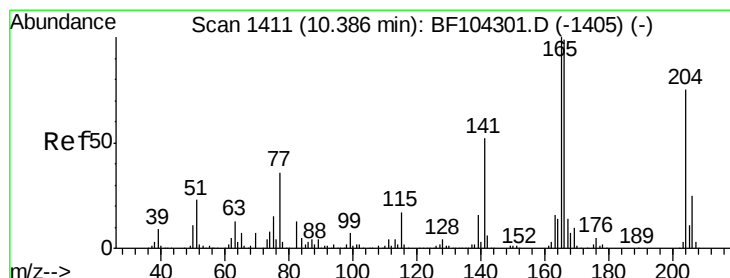
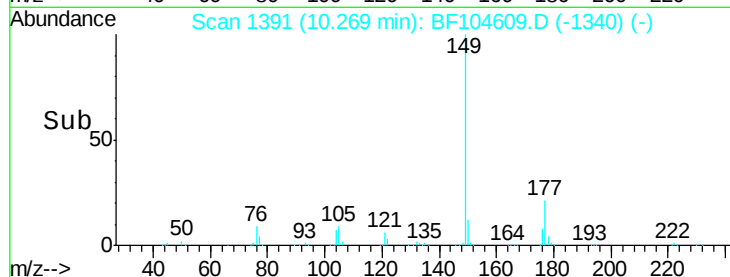
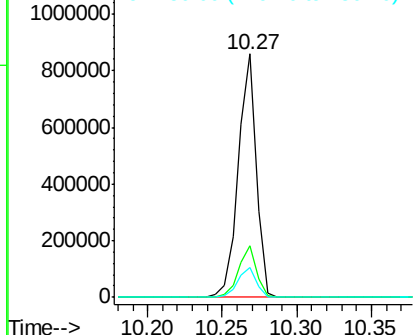
Tot Ion	Ratio	Resp	Lower	Upper
149	100	726950		
177	21.2	16.1	24.1	
150	12.2	10.1	15.1	

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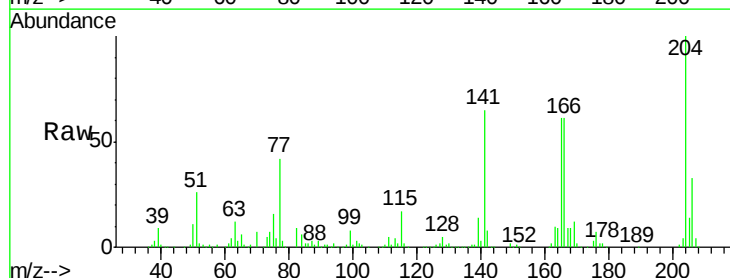


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

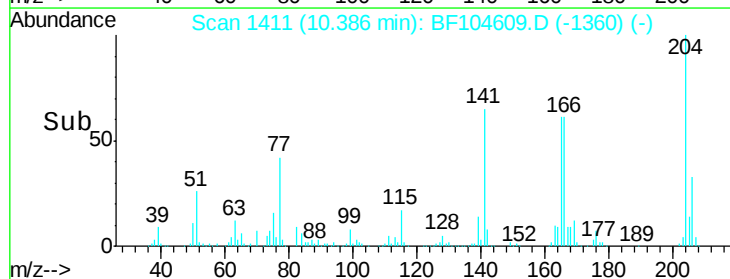
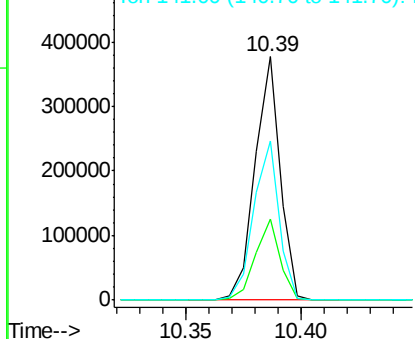


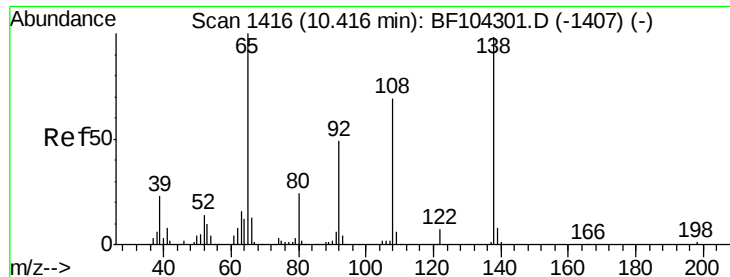
#60
4-Chlorophenyl-phenylether
Concen: 47.890 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	287624		
206	33.1	26.5	39.7	
141	65.5	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





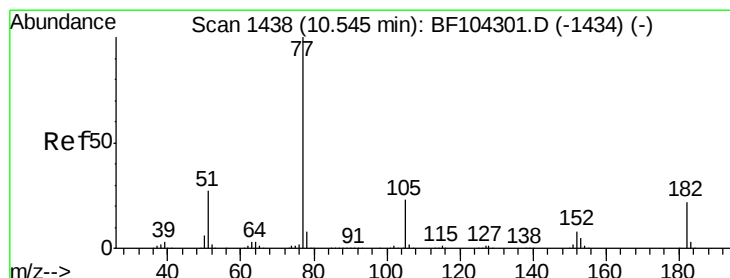
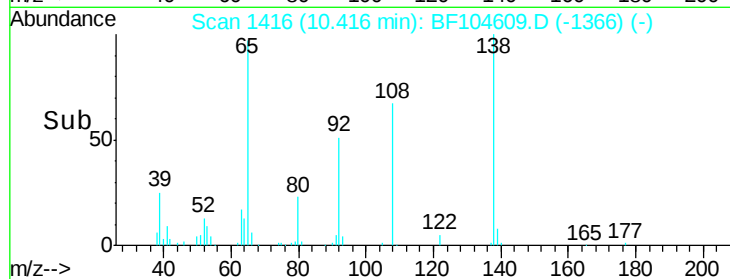
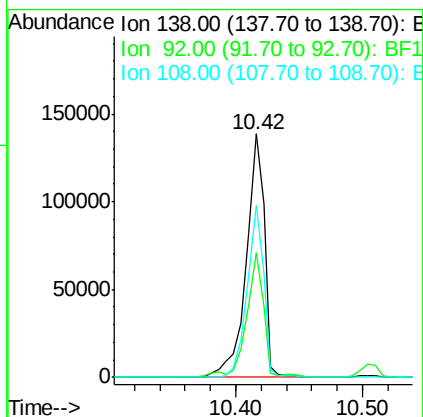
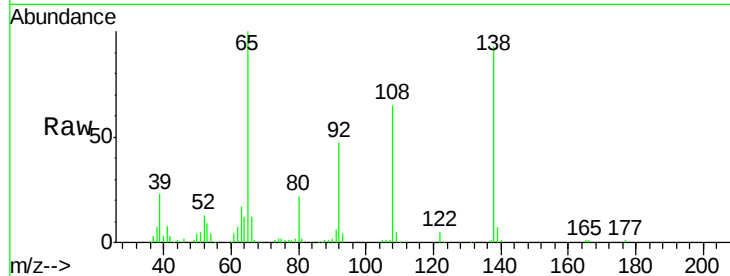
#61
4-Nitroaniline
Concen: 39.393 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

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

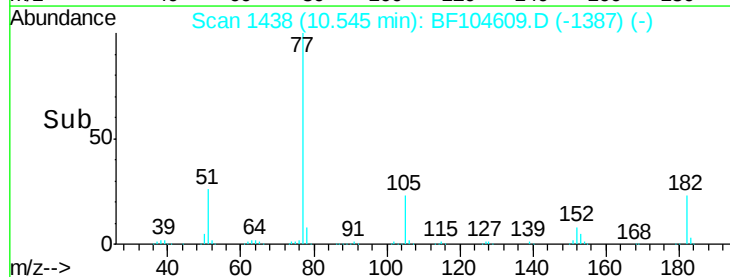
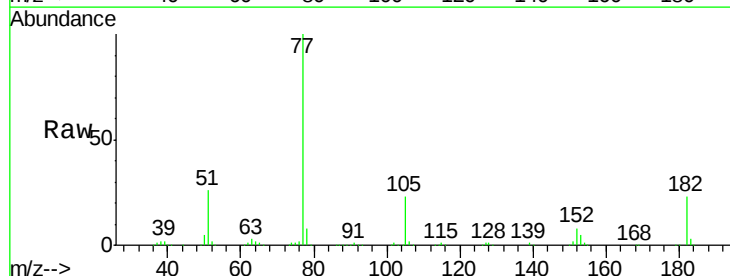
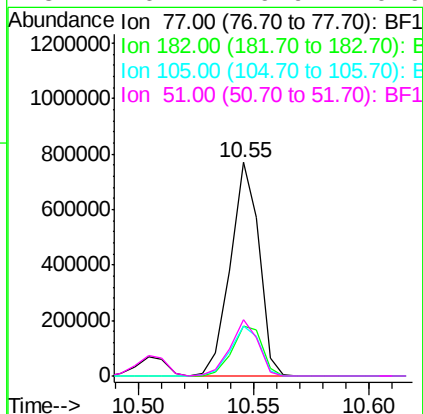
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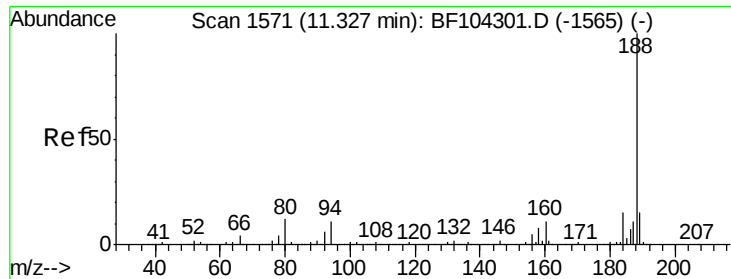
Sohil
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#62
Azobenzene
Concen: 42.137 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	1.7	41.7
105	23.3	3.0	43.0
51	26.2	9.9	49.9





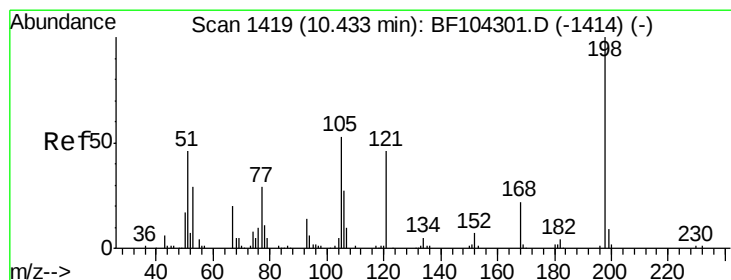
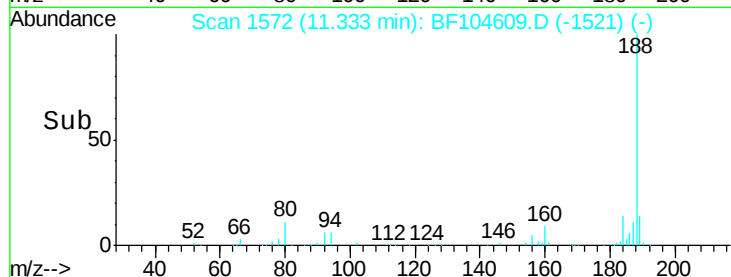
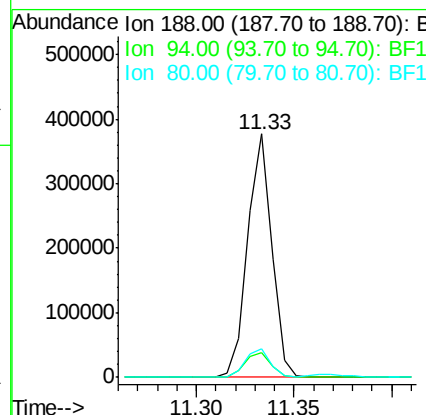
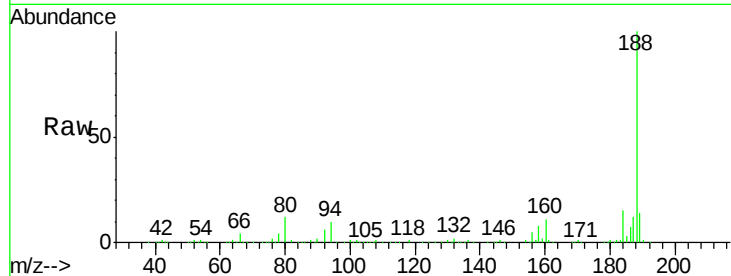
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion:	188	Resp:	324013
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.5	12.7
80	11.7	9.2	13.8

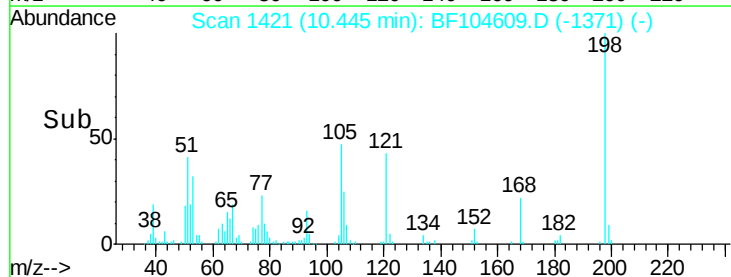
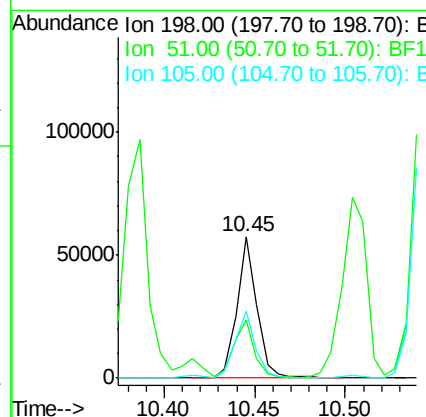
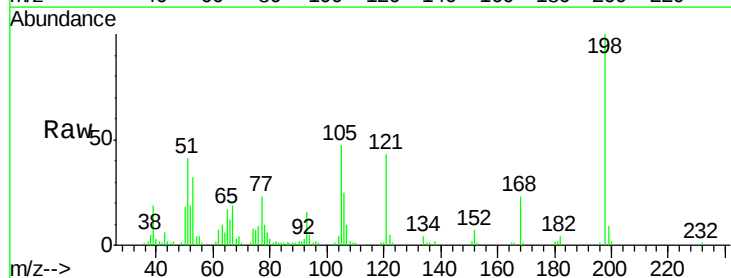
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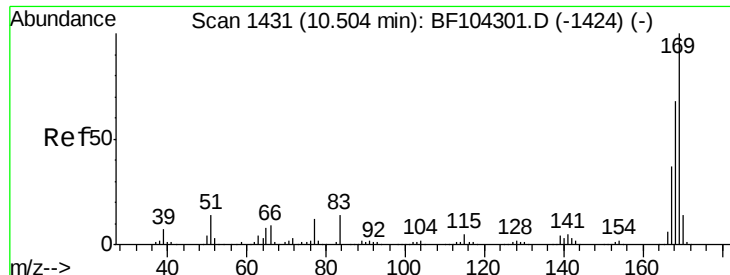
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.238 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion:	198	Resp:	44513
Ion Ratio	Lower	Upper	
198	100		
51	41.1	37.7	77.7
105	47.4	36.3	76.3





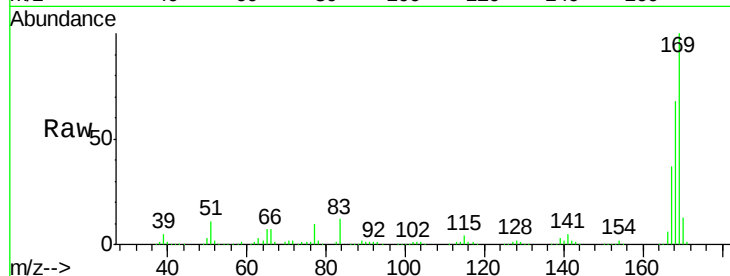
#65
n-Nitrosodiphenylamine
Concen: 50.933 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

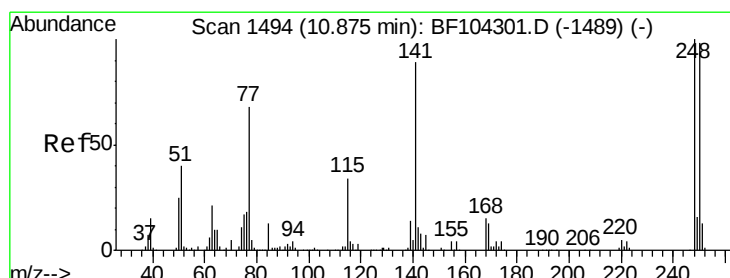
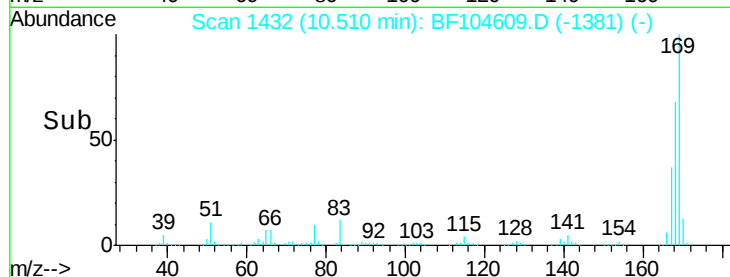
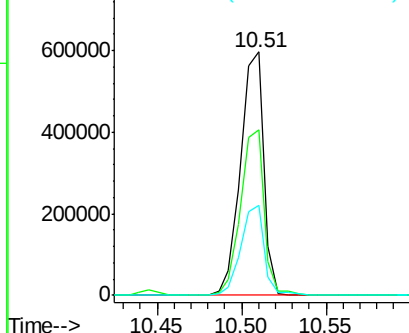
Tot Ion	Ratio	Resp	Lower	Upper
169	100	572198		
168	67.9		54.4	81.6
167	37.0		29.8	44.6

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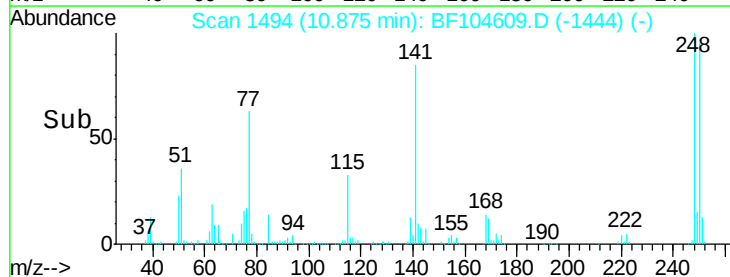
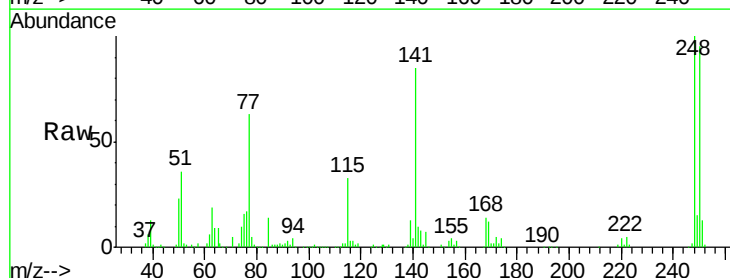
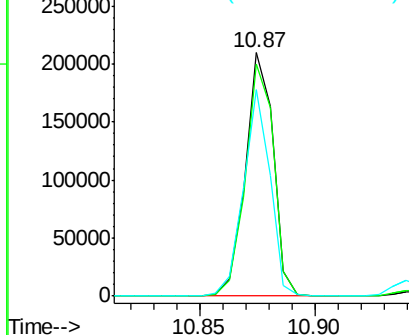
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

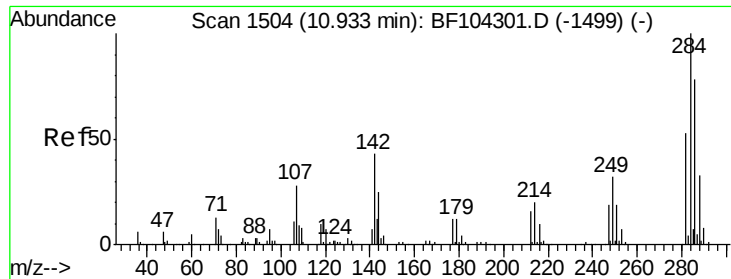


#66
4-Bromophenyl-phenylether
Concen: 51.478 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	177417		
250	95.2		76.9	115.3
141	84.8		74.4	111.6

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





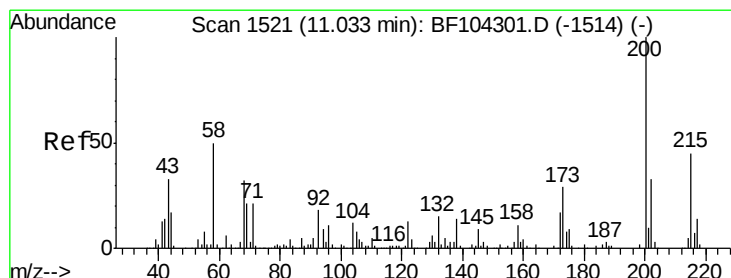
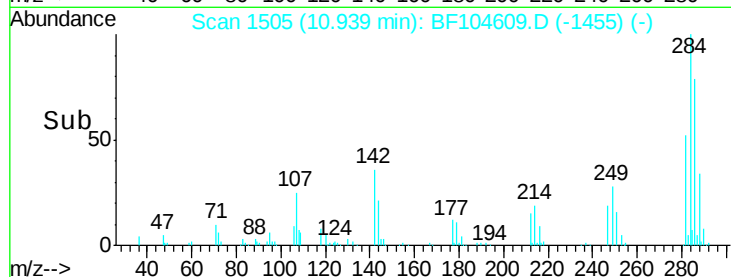
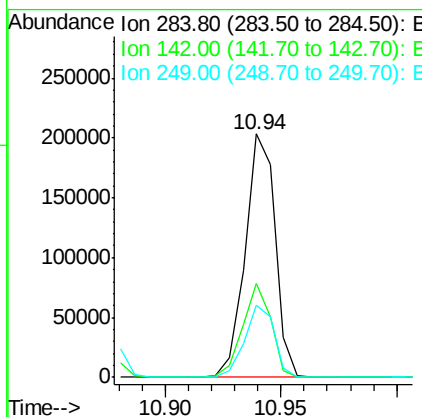
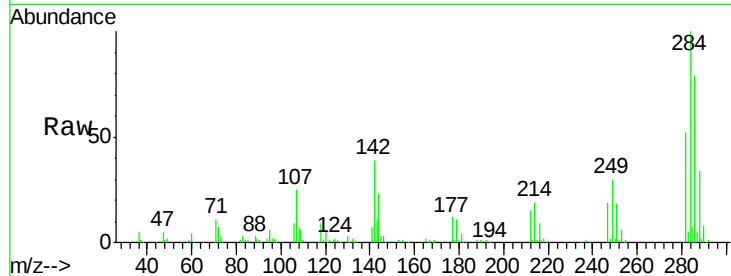
#67
Hexachlorobenzene
Concen: 47.779 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	185288		
142	38.7	34.6	52.0	
249	29.6	24.8	37.2	

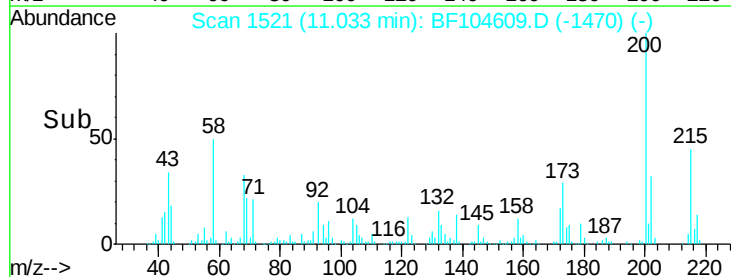
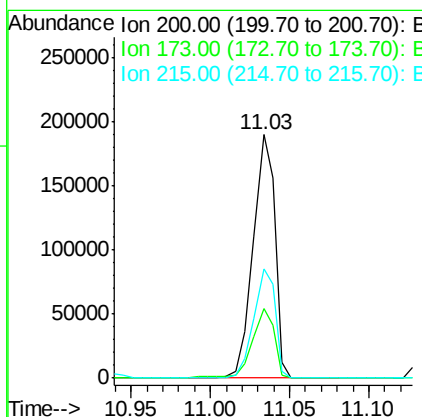
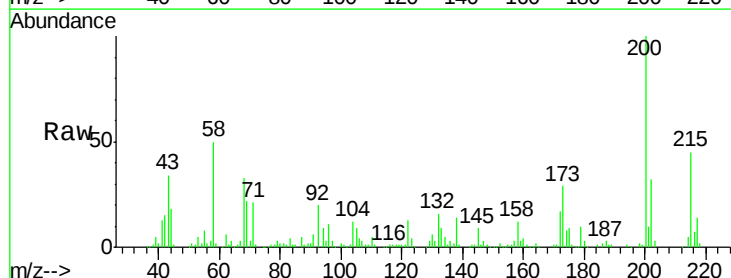
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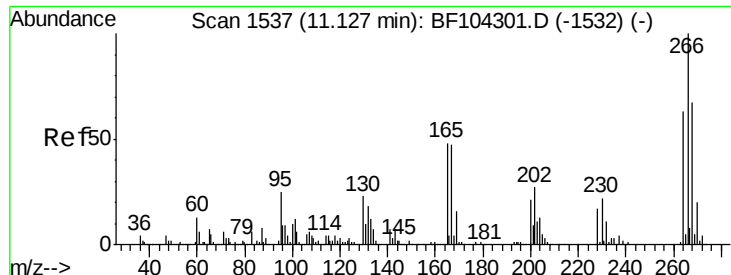
Sohil
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#68
Atrazine
Concen: 53.630 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	181863		
173	28.5	8.6	48.6	
215	44.9	25.1	65.1	





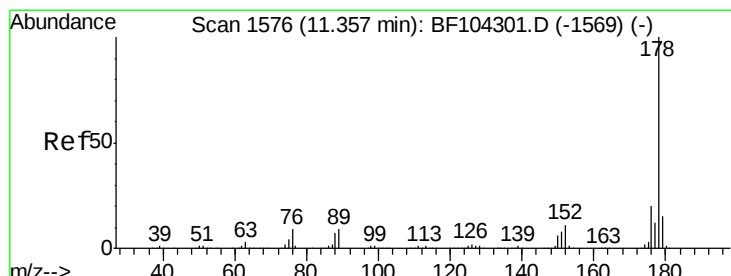
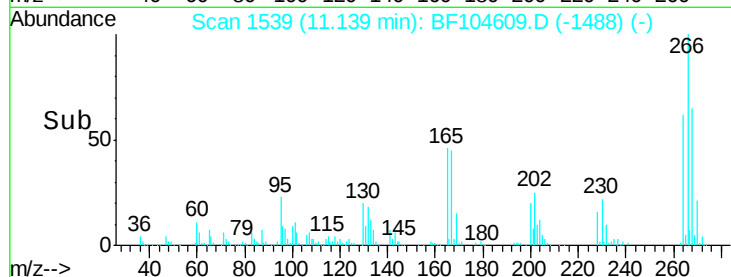
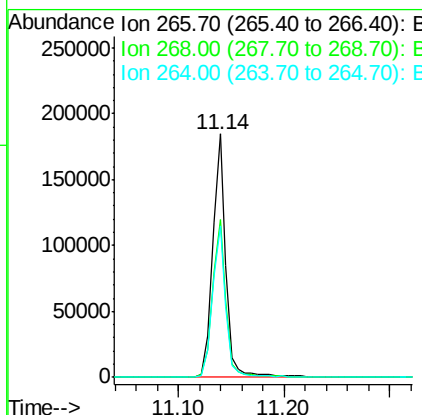
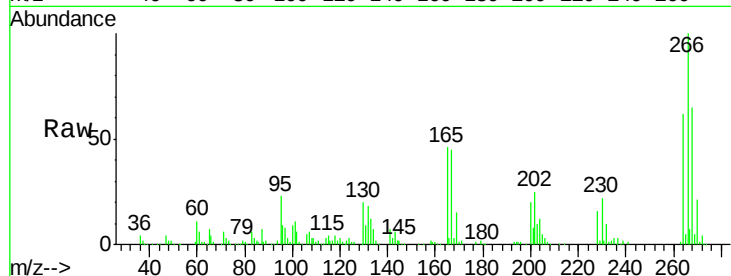
#69
 Pentachlorophenol
 Concen: 68.249 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	62.0	49.5	74.3

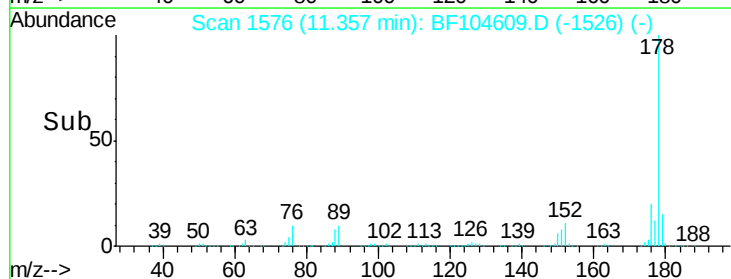
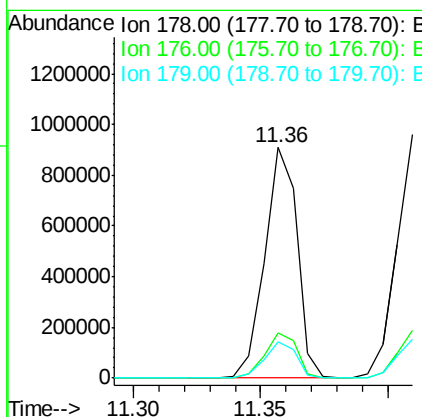
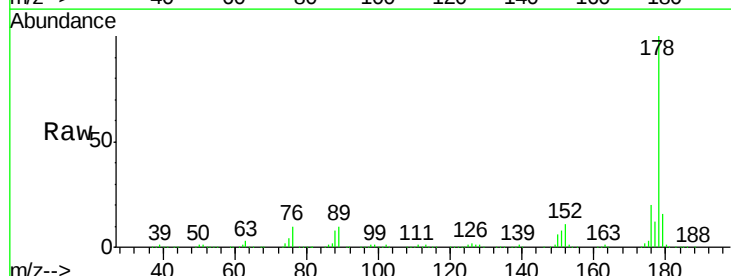
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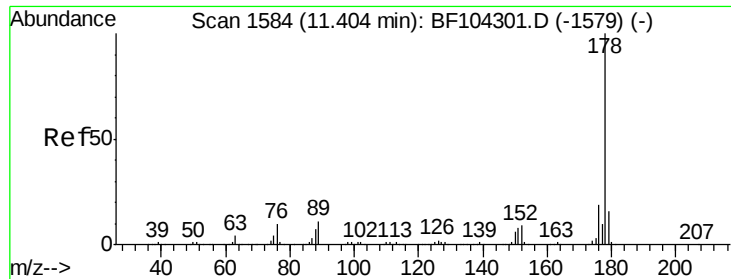
Sohil
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#70
 Phenanthrene
 Concen: 45.158 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6





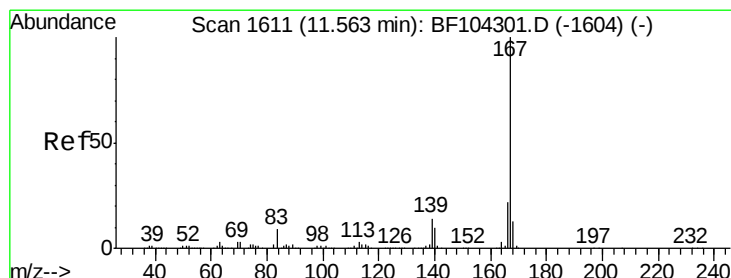
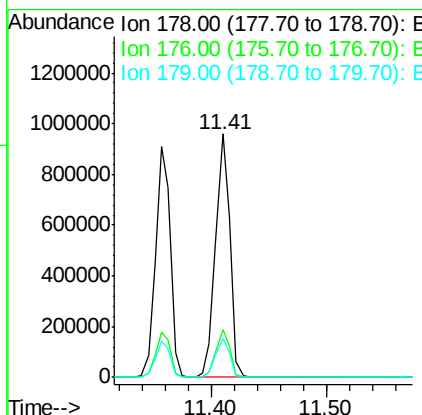
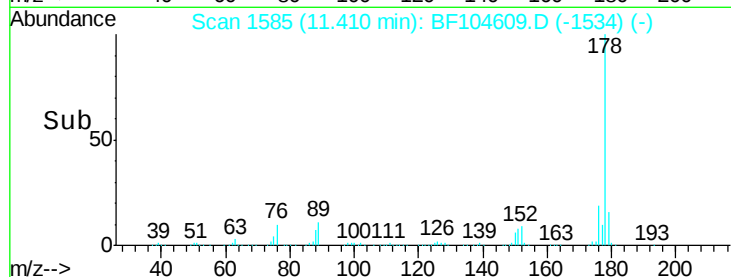
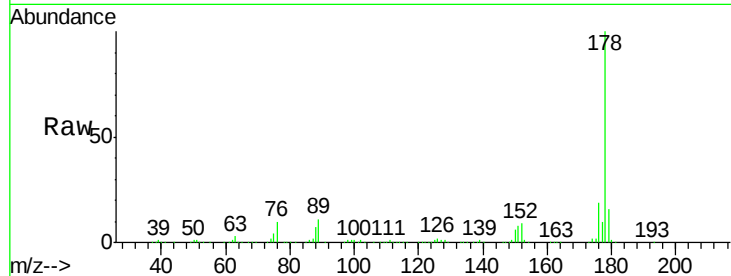
#71
 Anthracene
 Concen: 45.080 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.9	12.6	19.0

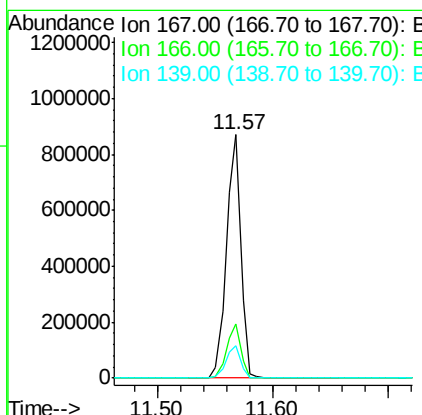
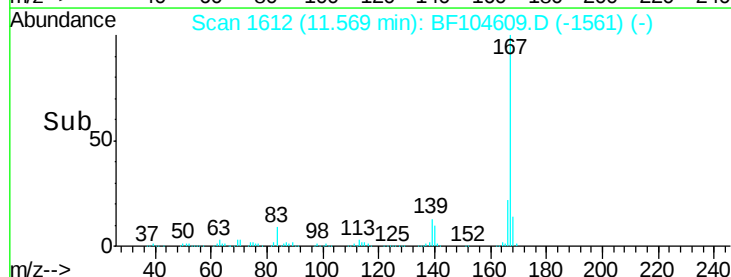
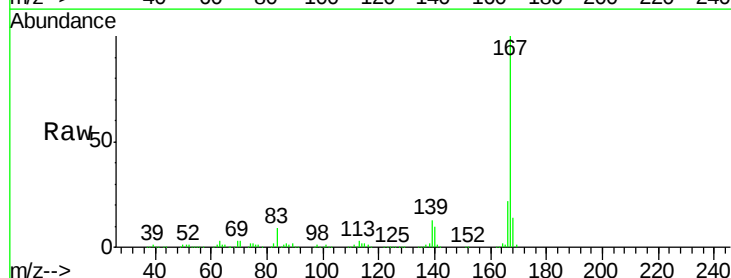
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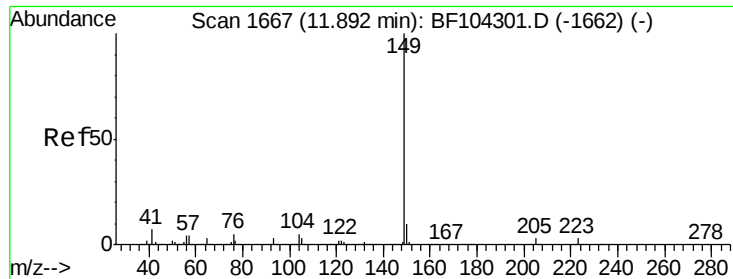
Sohil
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#72
 Carbazole
 Concen: 41.935 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.320 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

ClientSampleId :

PB108327BSD

Tot Ion:149 Resp: 1014143

Ion Ratio Lower Upper

149 100

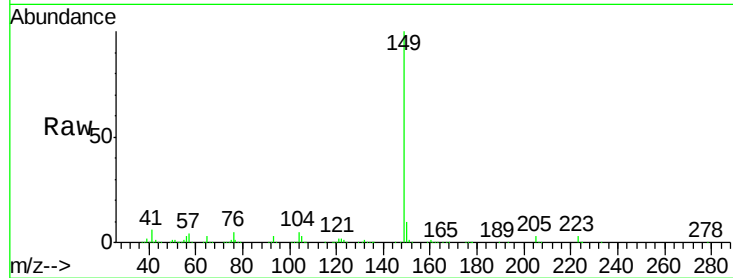
150 9.5 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
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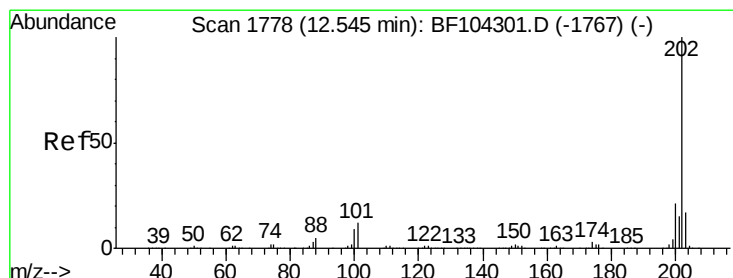
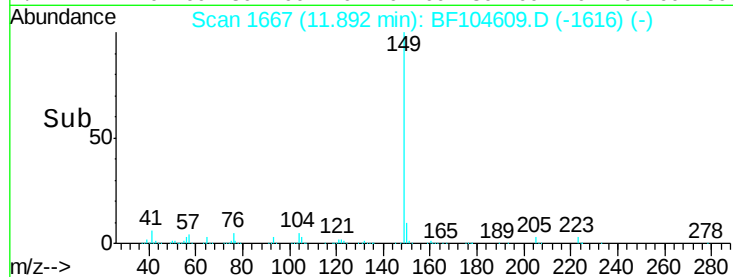
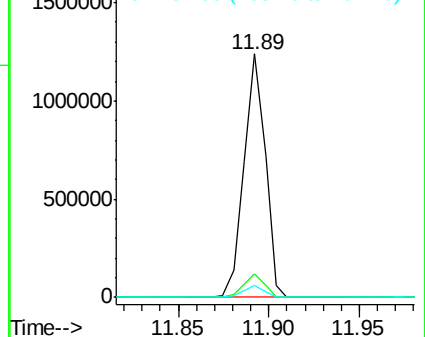
4/19/2018 12:43:19 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.383 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

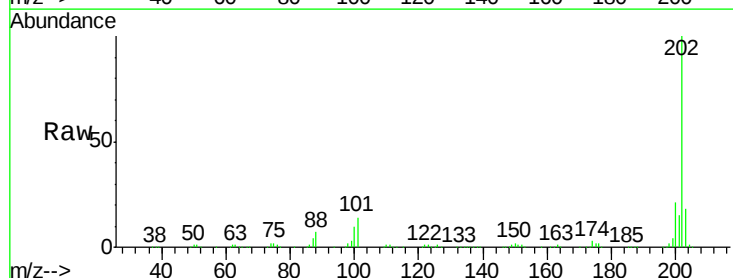
Tgt Ion:202 Resp: 761326

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

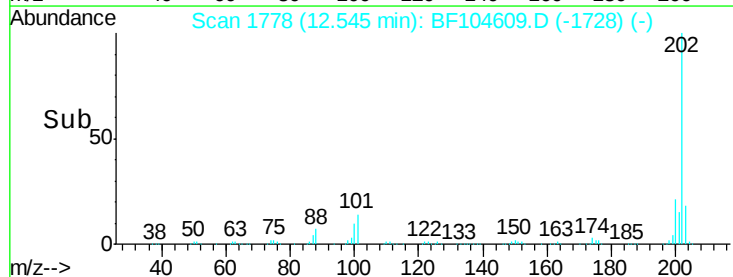
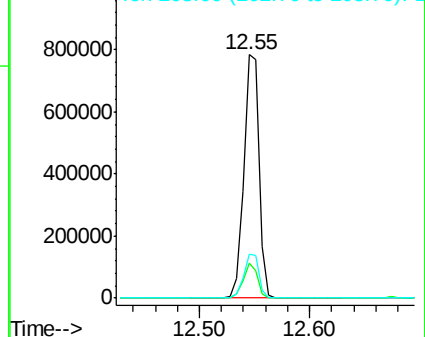
203 17.9 0.0 38.1

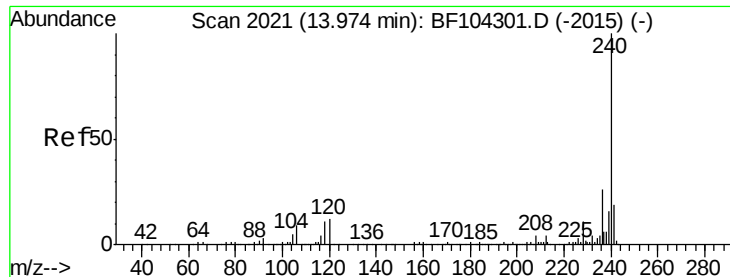


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

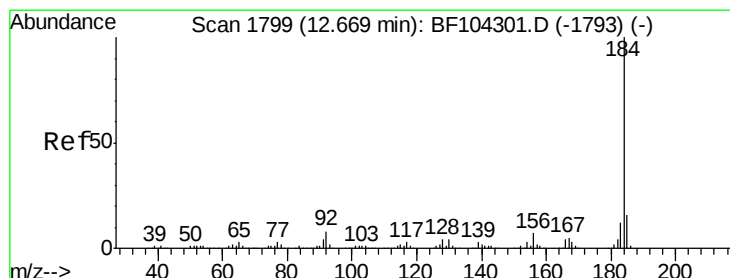
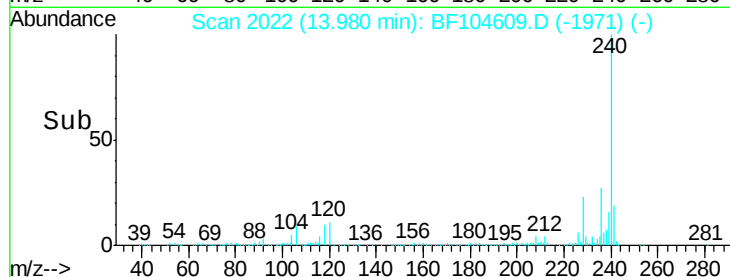
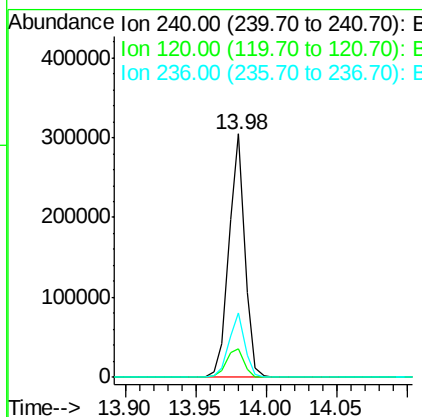
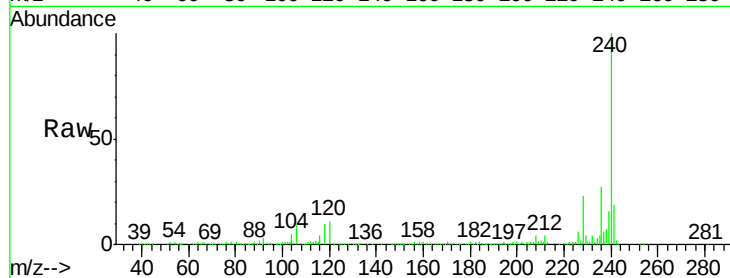
ClientSampleId :

PB108327BSD

Tot Ion:	240	Resp:	239133
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
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Sohil
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#76

Benzidine

Concen: 73.427 ng

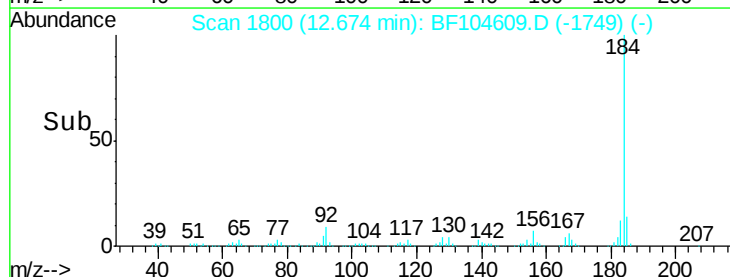
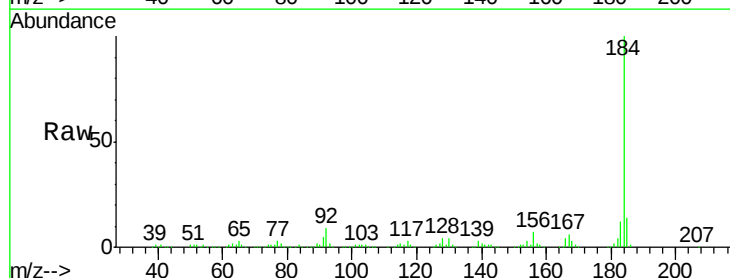
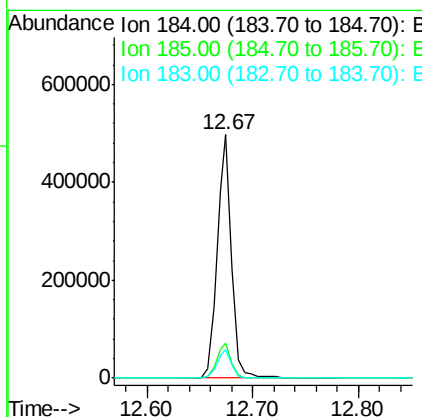
RT: 12.67 min Scan# 1800

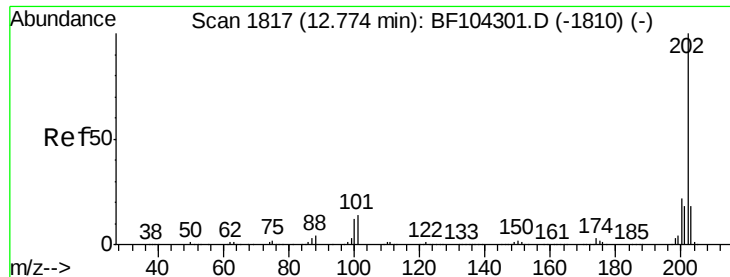
Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:	184	Resp:	477209
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.7	9.3	13.9





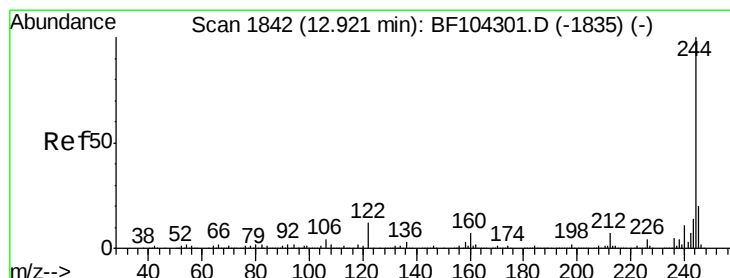
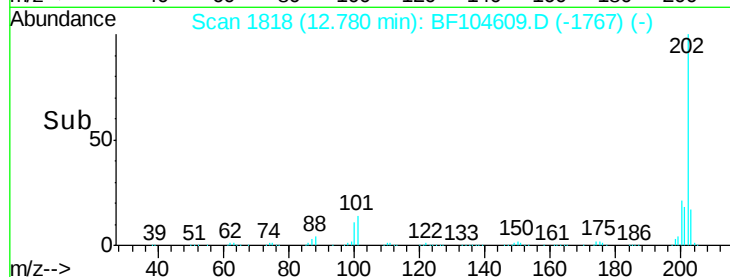
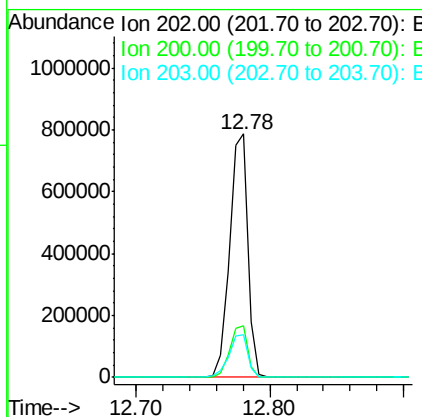
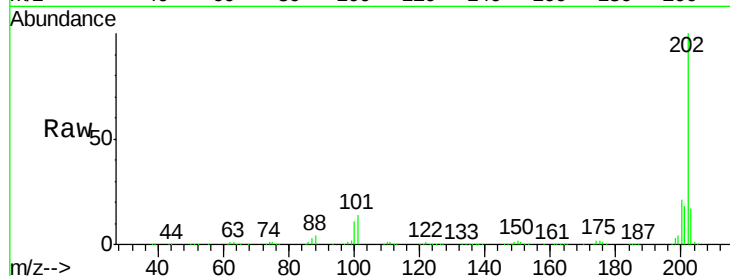
#77
Pvrene
Concen: 42.945 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.3	14.3	21.5

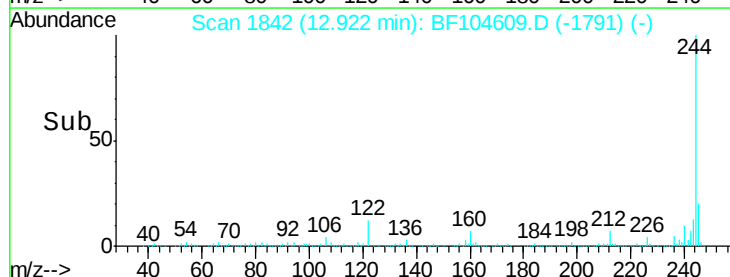
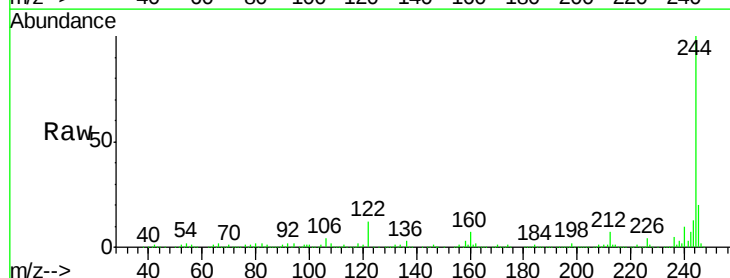
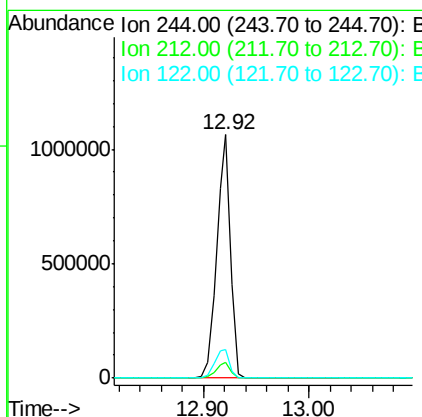
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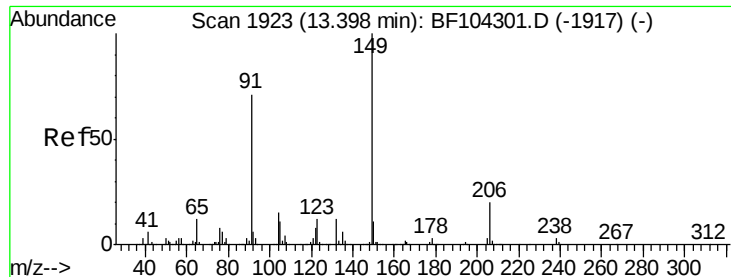
Sohil
4/19/2018 12:43:19 PM



#78
Terphenyl-d14
Concen: 93.013 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.9	11.0	16.4





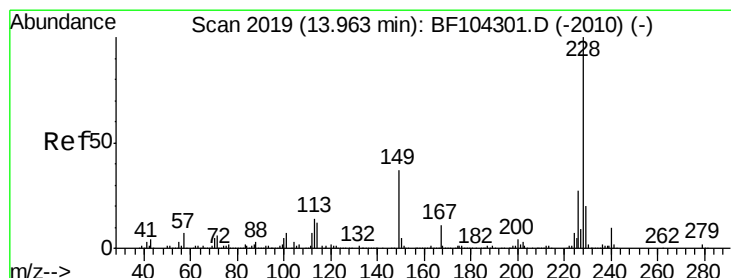
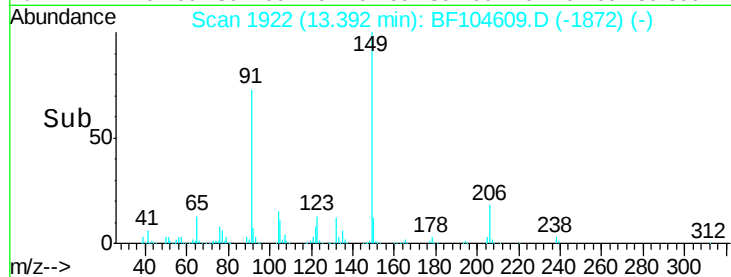
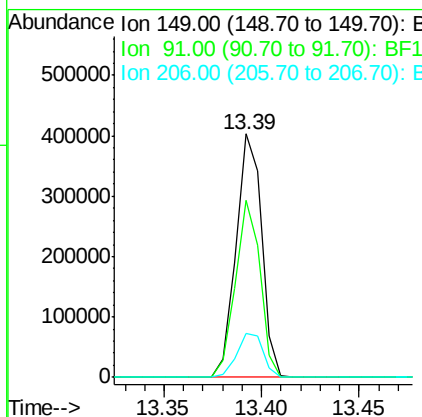
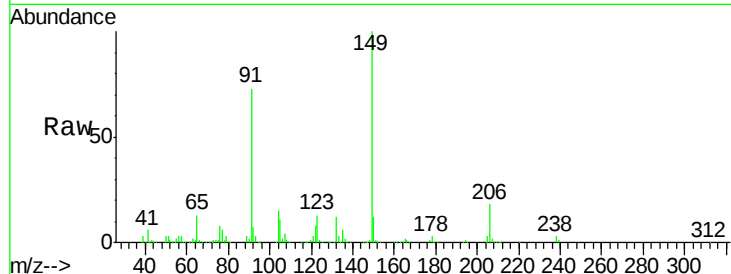
#79
Butylbenzylphthalate
Concen: 43.995 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleID :
PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	367391		
91	72.8	56.8	85.2	
206	17.9	14.1	21.1	

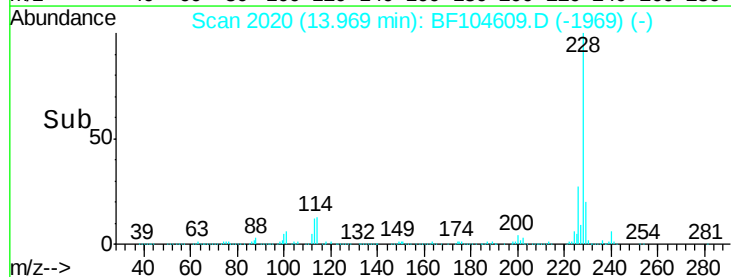
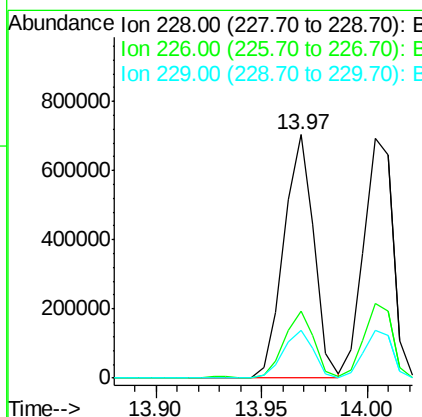
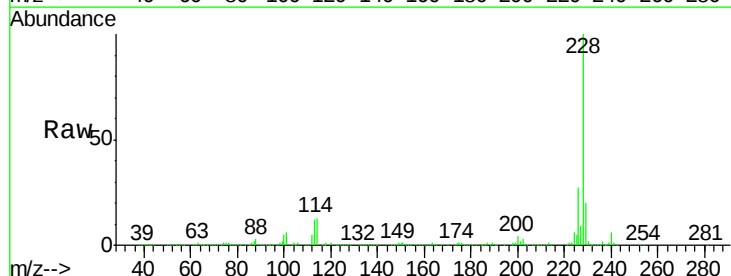
Manual Integrations
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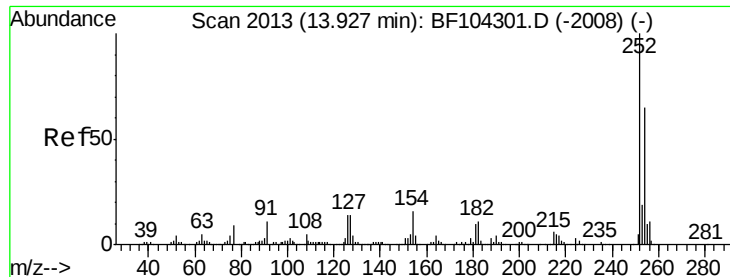
Sohil
4/19/2018 12:43:19 PM



#80
Benzo(a)anthracene
Concen: 48.800 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	697158		
226	27.3	22.6	33.8	
229	19.9	15.8	23.6	





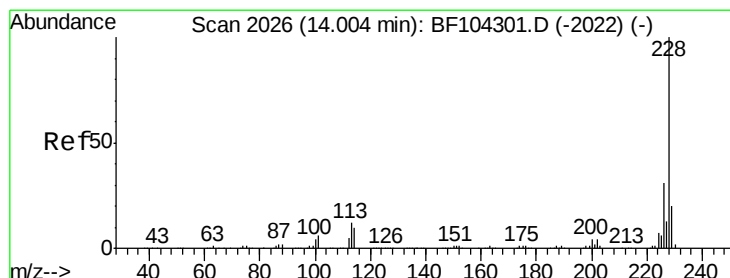
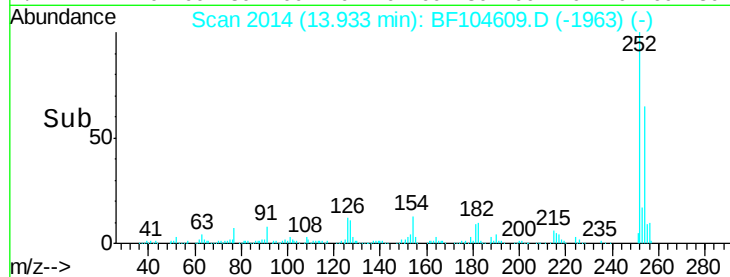
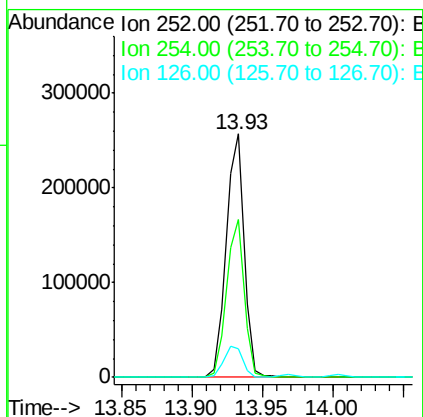
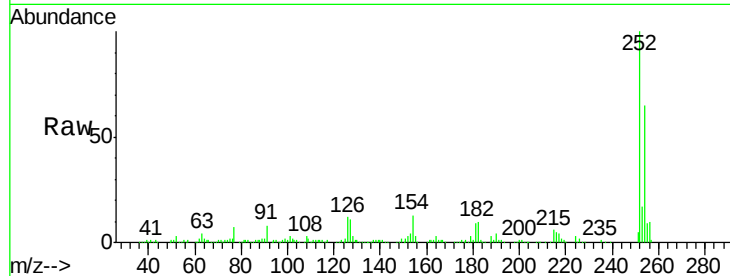
#81
 3,3'-Dichlorobenzidine
 Concen: 42.719 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	227548		
254	64.7		50.4	75.6
126	11.8		11.3	16.9

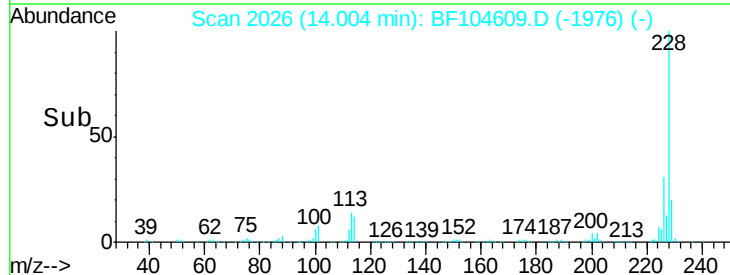
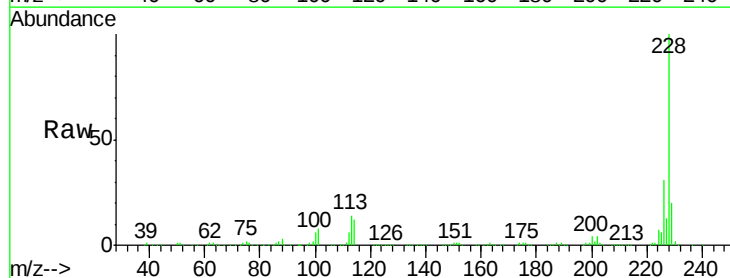
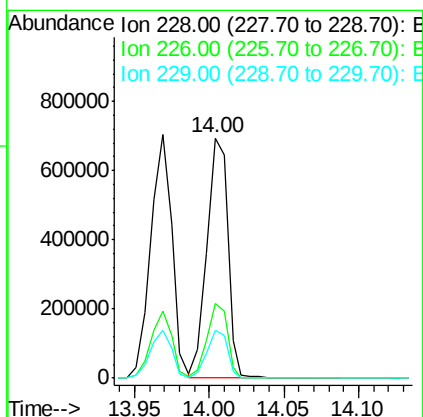
Manual Integrations
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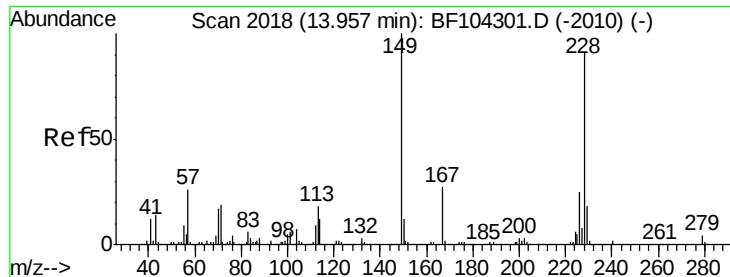
Sohil
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#82
 Chrysene
 Concen: 45.952 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	674300		
226	30.9		25.0	37.6
229	19.8		16.2	24.4





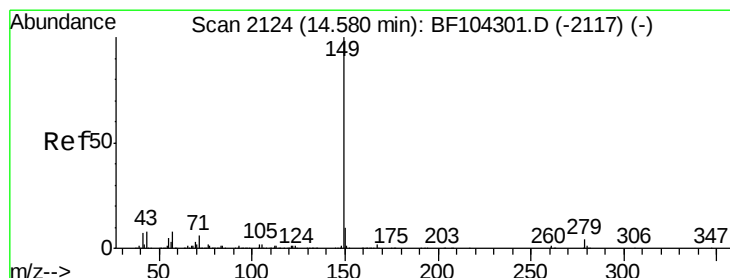
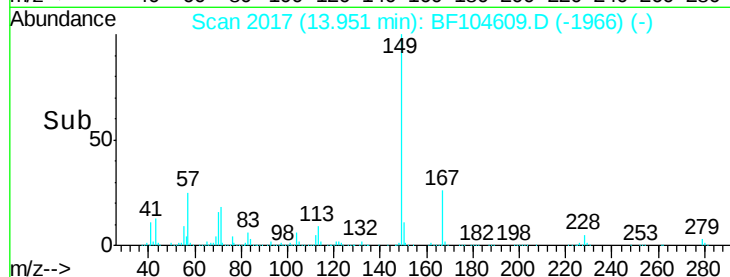
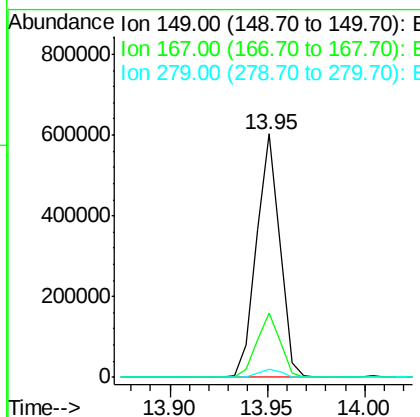
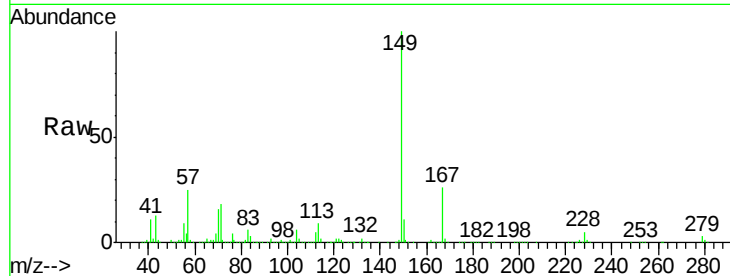
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.564 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	500144		
167	26.3		21.3	31.9
279	3.4		3.0	4.4

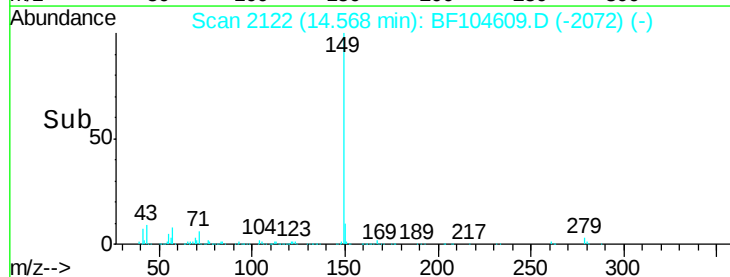
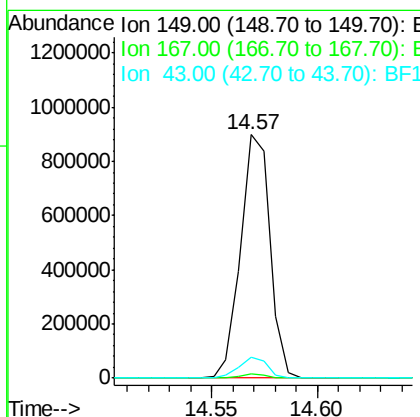
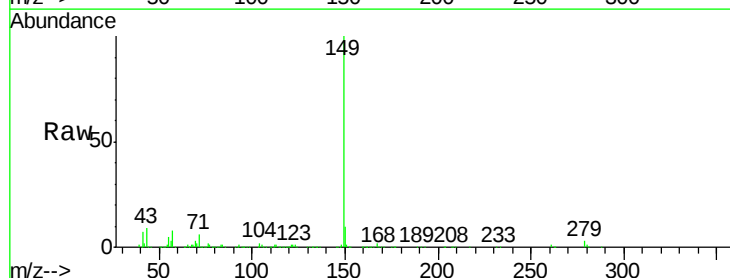
Manual Integrations
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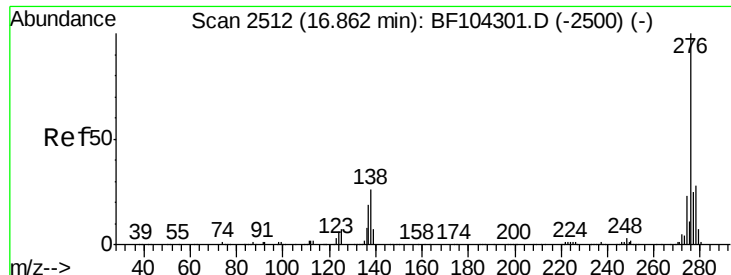
Sohil
 4/19/2018 12:43:19 PM



#84
 Di-n-octyl phthalate
 Concen: 48.265 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	866232		
167	1.5		1.2	1.8
43	8.2		8.4	12.6





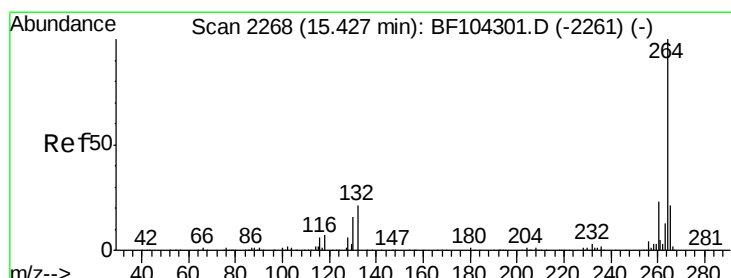
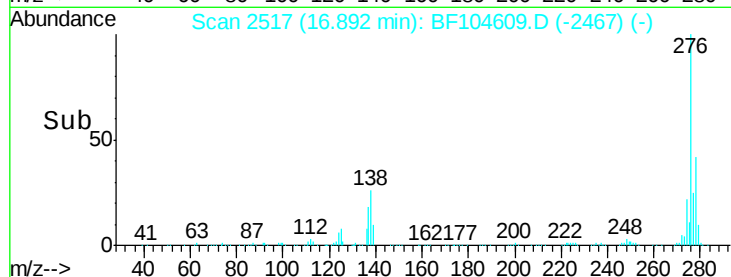
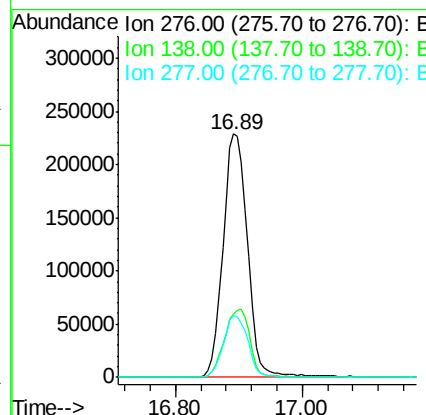
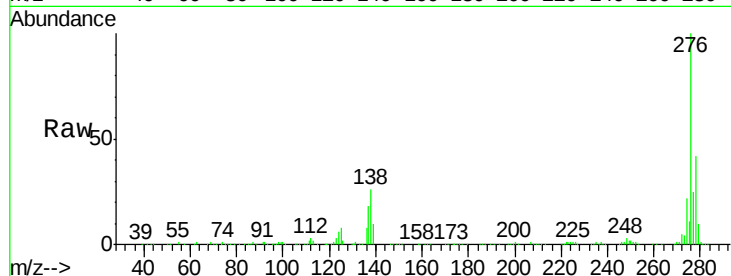
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.669 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Instrument :
BNA_F
ClientSampleId :
PB108327BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.6	20.1	30.1

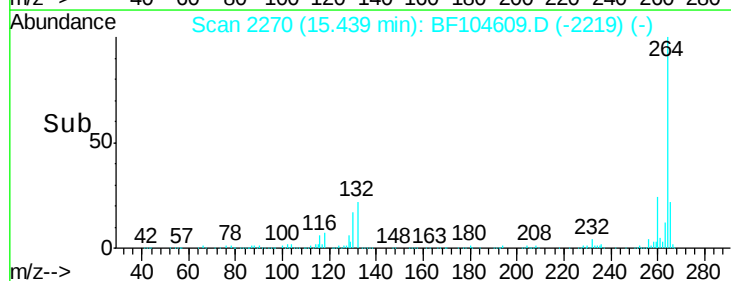
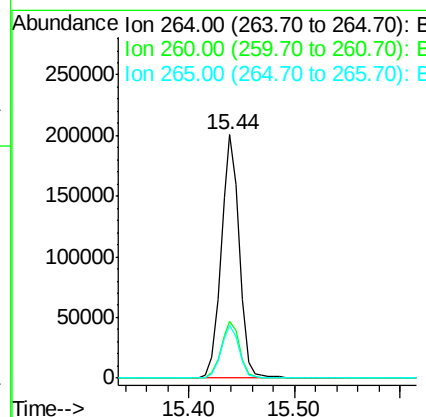
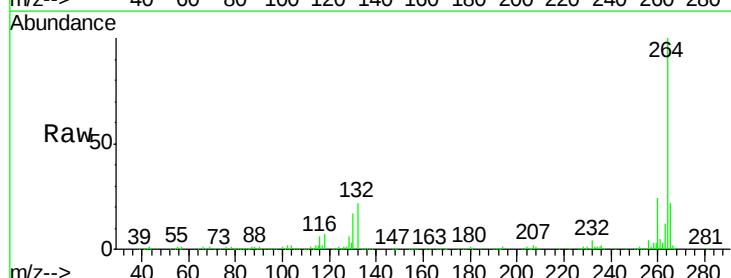
Manual Integrations
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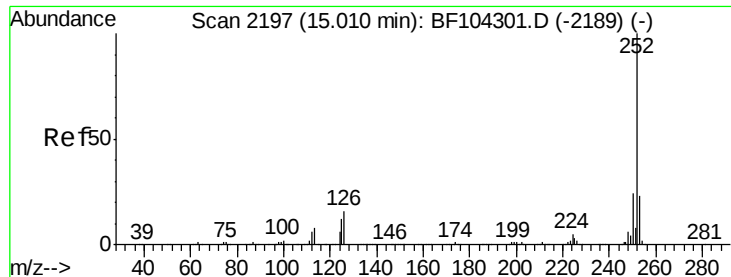
Sohil
4/19/2018 12:43:19 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF104609.D
Acq: 18 Apr 2018 18:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 48.223 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

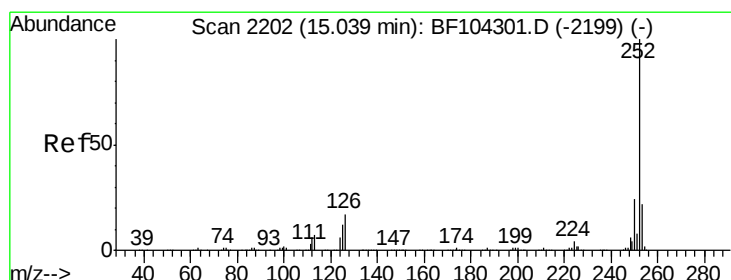
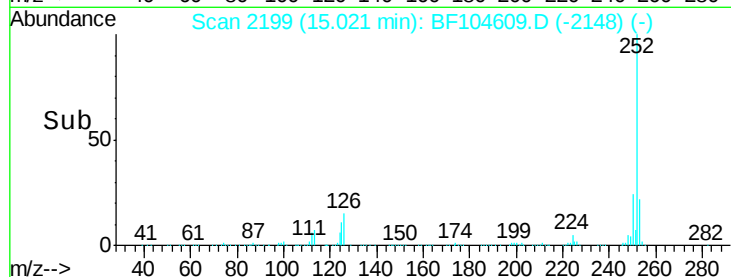
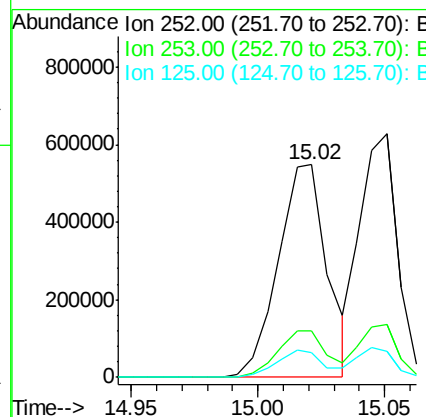
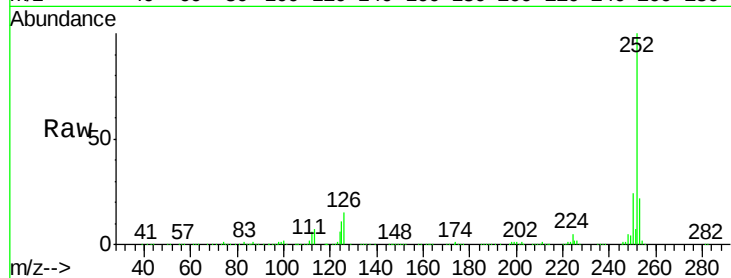
ClientSampleId :

PB108327BSD

Tot Ion:252	Resp:	737993
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.0 25.6
125	11.4	9.0 13.6

Manual Integrations
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Sohil
4/19/2018 12:43:19 PM



#88

Benzo(k)fluoranthene

Concen: 45.232 ng

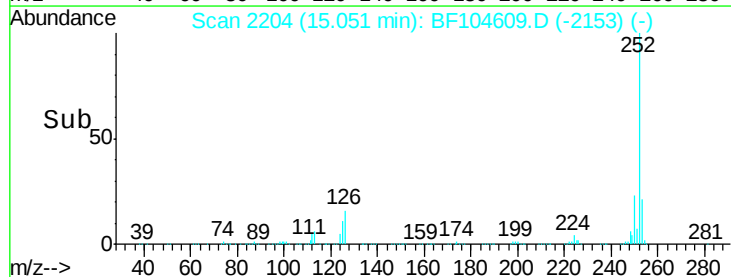
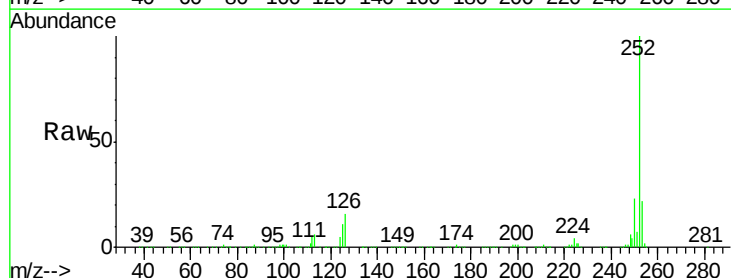
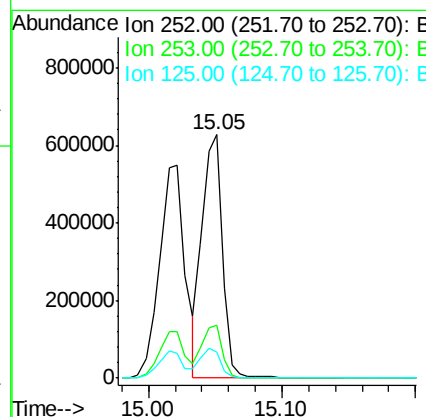
RT: 15.05 min Scan# 2204

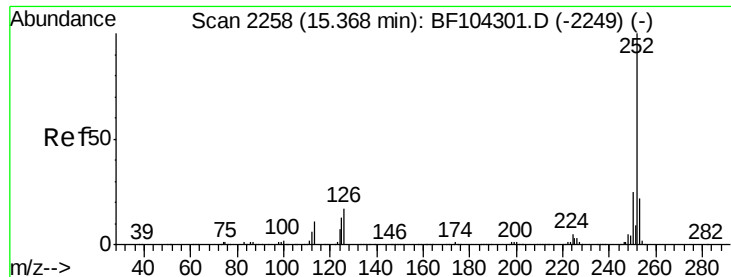
Delta R.T. -0.00 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:252	Resp:	653519
Ion Ratio	Lower	Upper
252	100	
253	21.5	17.9 26.9
125	10.9	10.2 15.2





#89

Benzo(a)pyrene

Concen: 48.534 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Instrument :

BNA_F

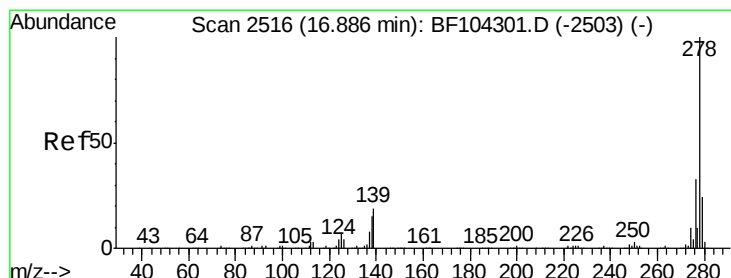
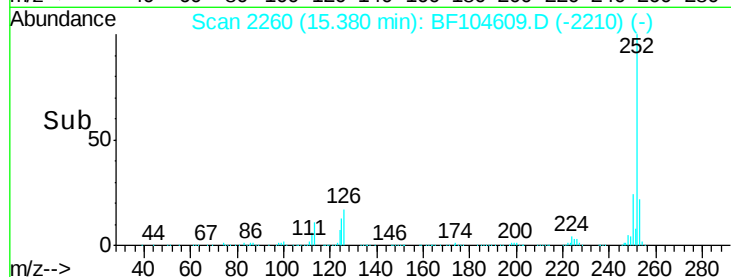
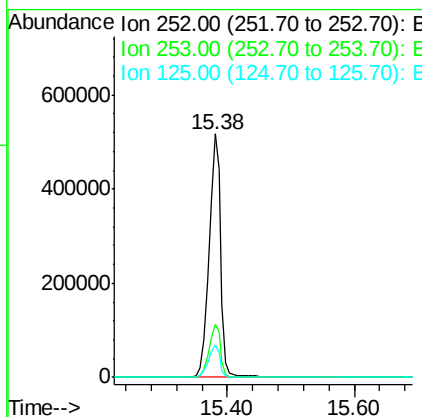
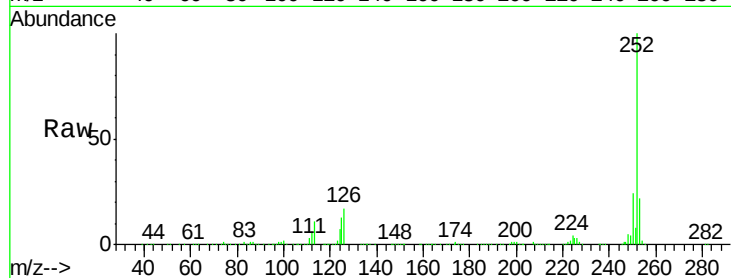
ClientSampleId :

PB108327BSD

Tot Ion:	252	Resp:	664579
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.4	9.8	14.6

Manual Integrations
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Sohil
4/19/2018 12:43:19 PM



#90

Dibenzo(a,h)anthracene

Concen: 46.847 ng

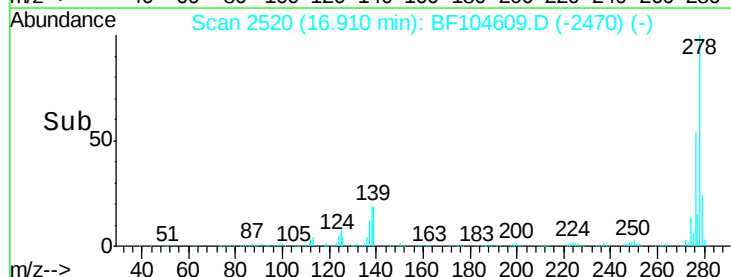
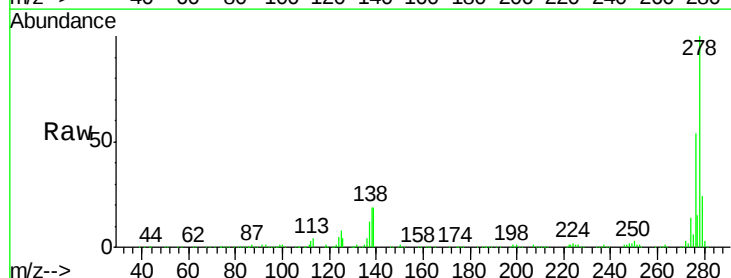
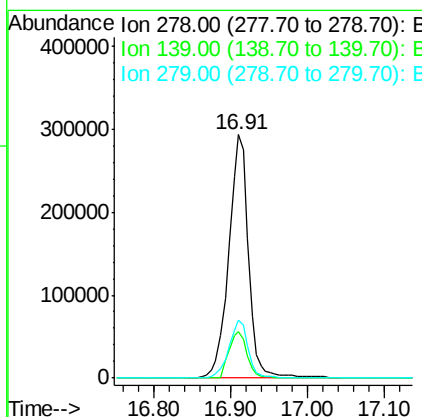
RT: 16.91 min Scan# 2520

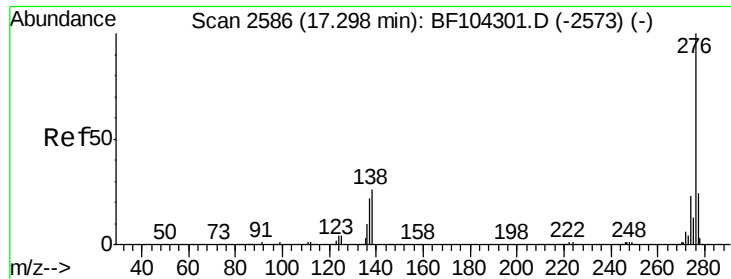
Delta R.T. -0.01 min

Lab File: BF104609.D

Acq: 18 Apr 2018 18:38

Tgt Ion:	278	Resp:	526850
Ion Ratio		Lower	Upper
278	100		
139	19.0	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 44.033 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BF104609.D
 Acq: 18 Apr 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	26.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 4/19/2018 12:43:19 PM

