

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102298.D
 Acq On : 22 Jan 2018 14:42
 Operator : SJ/JU
 Sample : PB105837BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BS

Manual Integrations
 APPROVED

Sohil
 1/23/2018 12:46:35 PM

Quant Time: Jan 23 00:49:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141761	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	596908	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	271150	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	492024	20.00	ng	0.00
75) Chrysene-d12	13.87	240	401901	20.00	ng	0.00
86) Perylene-d12	15.29	264	398802	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1122496	120.06	ng	0.01
7) Phenol-d6	6.36	99	1370881	121.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	866493	83.42	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	322355	119.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1573122	85.30	ng	0.00
78) Terphenyl-d14	12.82	244	1511313	84.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	136067	30.631	ng	95
3) Pyridine	3.15	79	388937	33.504	ng	96
4) n-Nitrosodimethylamine	3.10	42	182180	40.030	ng	100
6) Aniline	6.39	93	203248	13.633	ng	96
8) 2-Chlorophenol	6.50	128	377889	38.558	ng	97
9) Benzaldehyde	6.26	77	239535	37.477	ng	97
10) Phenol	6.37	94	439786	35.739	ng	91
11) bis(2-Chloroethyl)ether	6.46	93	351554	37.563	ng	98
12) 1,3-Dichlorobenzene	6.65	146	404386	34.694	ng	97
13) 1,4-Dichlorobenzene	6.73	146	412036	35.289	ng	99
14) 1,2-Dichlorobenzene	6.89	146	384972	36.046	ng	97
15) Benzyl Alcohol	6.86	79	301755	37.943	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	586473	37.362	ng	93
17) 2-Methylphenol	6.98	107	323749	38.036	ng	97
18) Hexachloroethane	7.22	117	147294	36.202	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	259344	37.598	ng	96
20) 3+4-Methylphenols	7.13	107	386801	38.639	ng	# 75
22) Acetophenone	7.13	105	514940	36.189	ng	# 92
24) Nitrobenzene	7.30	77	394086	37.074	ng	96
25) Isophorone	7.54	82	721515	38.964	ng	99
26) 2-Nitrophenol	7.62	139	219776	39.284	ng	96
27) 2,4-Dimethylphenol	7.66	122	346439	42.646	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	458928	40.120	ng	99
29) 2,4-Dichlorophenol	7.86	162	331570	40.069	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	313651	35.360	ng	98
31) Naphthalene	8.02	128	1096351	36.787	ng	99
32) Benzoic acid	7.80	122	242838	35.679	ng	95
33) 4-Chloroaniline	8.07	127	97619	7.789	ng	97
34) Hexachlorobutadiene	8.13	225	168229	35.509	ng	96
35) Caprolactam	8.45	113	113583m	41.562	ng	
36) 4-Chloro-3-methylphenol	8.57	107	351732	40.325	ng	97
37) 2-Methylnaphthalene	8.71	142	758054	38.193	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	291643	35.750	ng	98
40) Hexachlorocyclopentadiene	8.86	237	316954	86.817	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	217658	39.856	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	231853	37.707	ng	99
45) 1,1'-Biphenyl	9.17	154	883405	36.436	ng	100
46) 2-Chloronaphthalene	9.20	162	680685	36.119	ng	98
47) 2-Nitroaniline	9.30	65	223432	38.029	ng	97
48) Acenaphthylene	9.62	152	1049703	35.753	ng	99
49) Dimethylphthalate	9.48	163	823126	36.727	ng	100
50) 2,6-Dinitrotoluene	9.55	165	183099	37.892	ng	98
51) Acenaphthene	9.79	154	617862	36.033	ng	98
52) 3-Nitroaniline	9.71	138	76306	13.349	ng	99
53) 2,4-Dinitrophenol	9.83	184	194933	89.454	ng	# 21
54) Dibenzofuran	9.96	168	905490	39.019	ng	97
55) 4-Nitrophenol	9.89	139	307652	81.533	ng	94
56) 2,4-Dinitrotoluene	9.95	165	234222	39.417	ng	94
57) Fluorene	10.30	166	706338	38.411	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	181925	41.439	ng	99
59) Diethylphthalate	10.18	149	810569	37.218	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	309754	38.852	ng	98
61) 4-Nitroaniline	10.33	138	199892	35.044	ng	90
62) Azobenzene	10.45	77	762554	38.242	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	119850	36.511	ng	96
65) n-Nitrosodiphenylamine	10.42	169	657086	36.385	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	195005	36.817	ng	97
67) Hexachlorobenzene	10.85	284	209351	35.342	ng	95
68) Atrazine	10.95	200	210809	39.524	ng	99
69) Pentachlorophenol	11.05	266	225102	72.338	ng	98
70) Phenanthrene	11.26	178	1039013	36.239	ng	99
71) Anthracene	11.32	178	1076610	36.789	ng	99
72) Carbazole	11.47	167	1015051	35.554	ng	99
73) Di-n-butylphthalate	11.80	149	1304795	36.562	ng	100
74) Fluoranthene	12.44	202	1082048	37.009	ng	99
76) Benzidine	12.57	184	430203	31.864	ng	97
77) Pyrene	12.67	202	1105465	35.576	ng	99
79) Butylbenzylphthalate	13.30	149	570594	36.899	ng	97
80) Benzo(a)anthracene	13.86	228	893667	36.117	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	161433	17.785	ng	99
82) Chrysene	13.90	228	910257	36.226	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	741702	35.690	ng	100
84) Di-n-octyl phthalate	14.47	149	1357838	40.177	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	843020	40.624	ng	98
87) Benzo(b)fluoranthene	14.89	252	929530	35.961	ng	99
88) Benzo(k)fluoranthene	14.92	252	873875	35.784	ng	99
89) Benzo(a)pyrene	15.24	252	886468	38.026	ng	98
90) Dibenzo(a,h)anthracene	16.70	278	692918	36.693	ng	98
91) Benzo(g,h,i)perylene	17.10	276	695221	37.285	ng	97

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

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Misc      :
ALS Vial  : 3      Sample Multiplier: 1

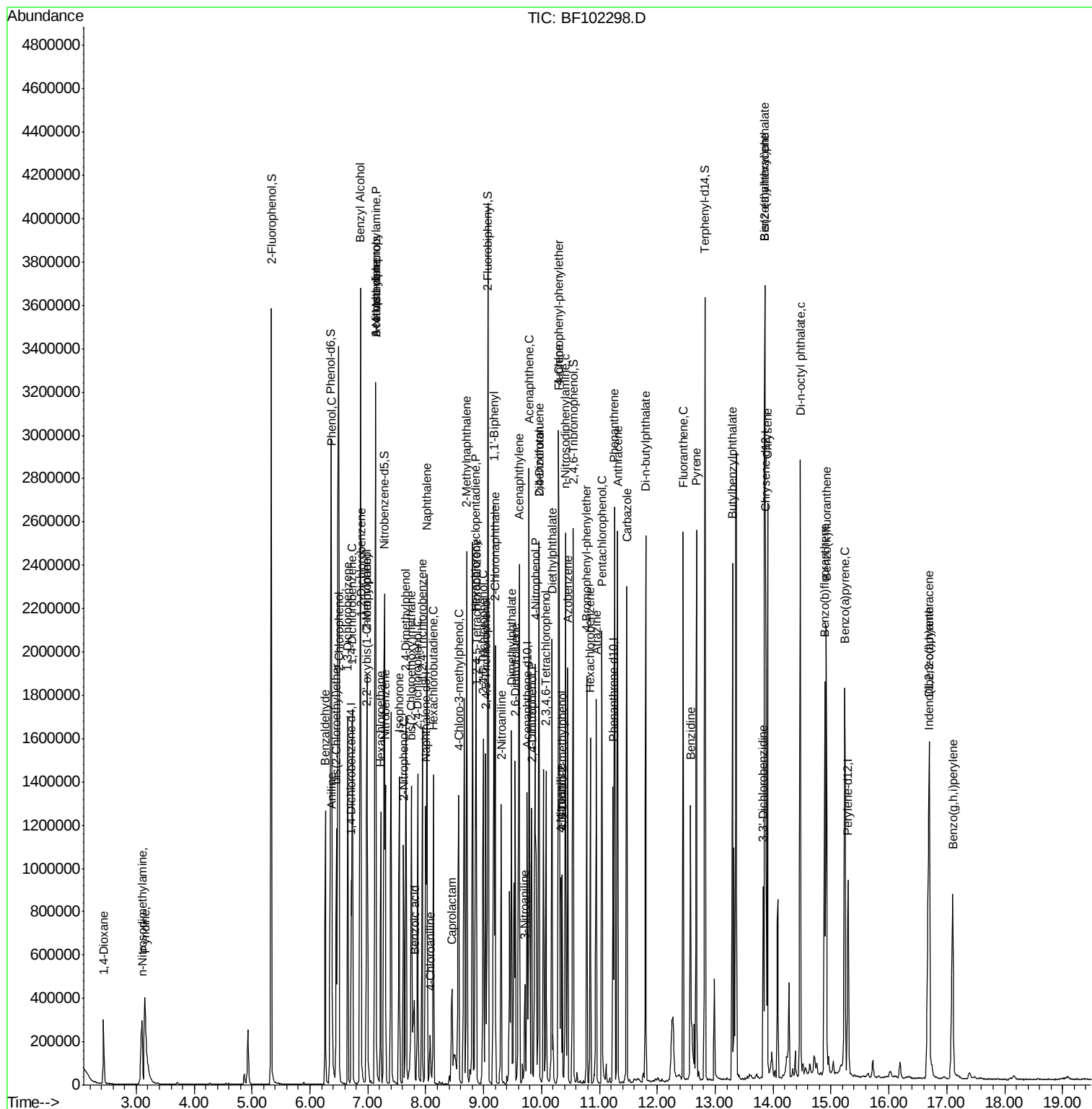
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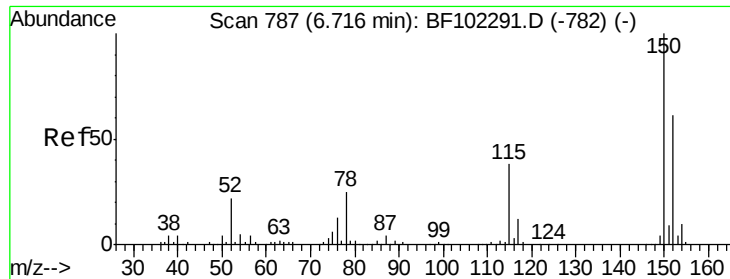
Instrument :
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#1

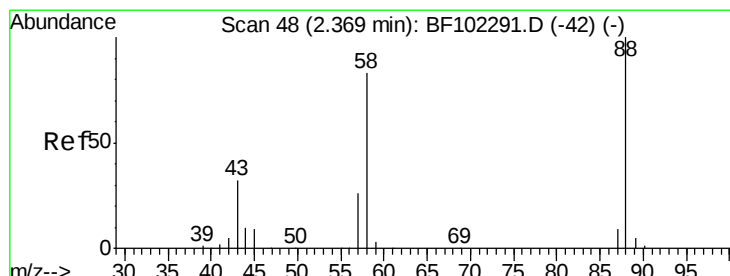
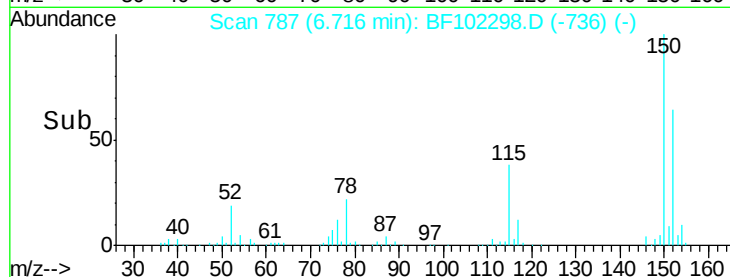
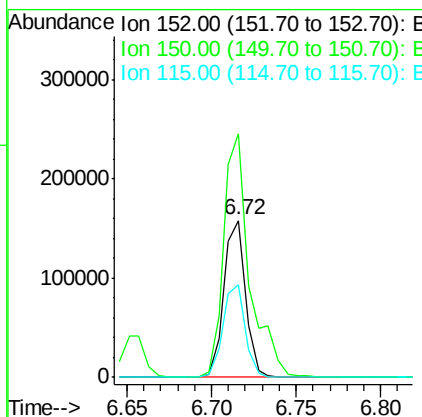
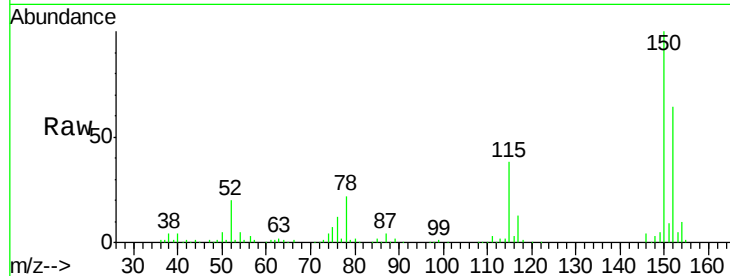
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	59.1	50.1	75.1

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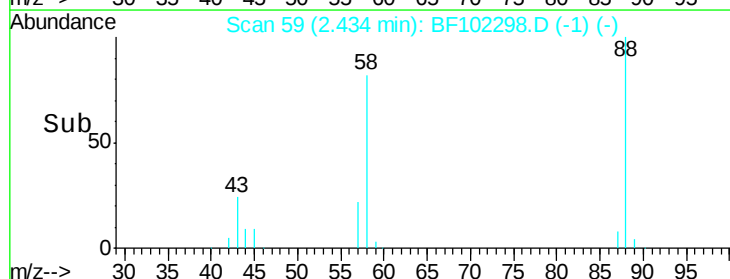
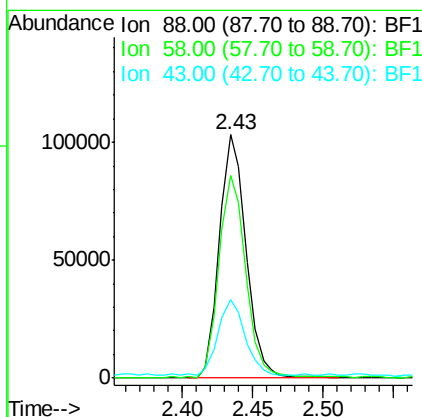
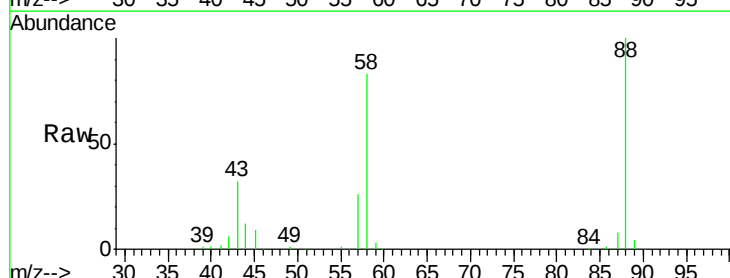
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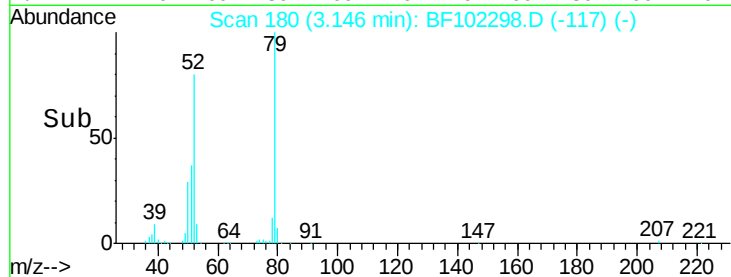
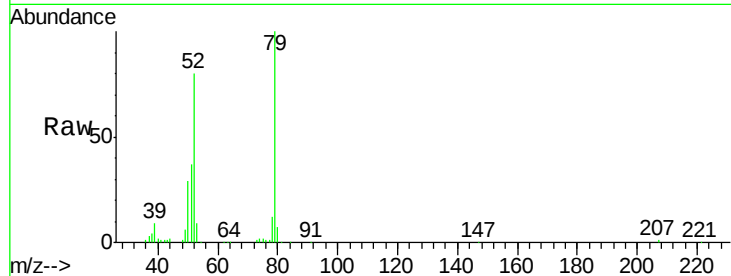
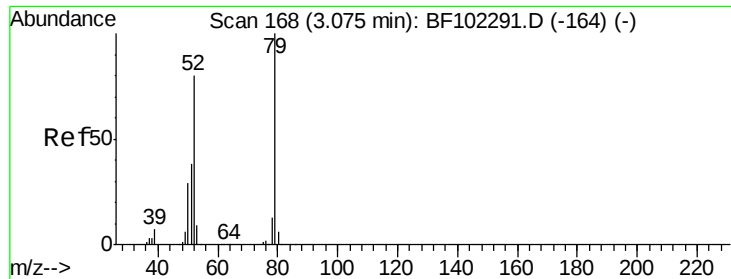


#2

1,4-Dioxane
Concen: 30.631 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.06 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	62.6	93.8
43	30.6	24.6	37.0





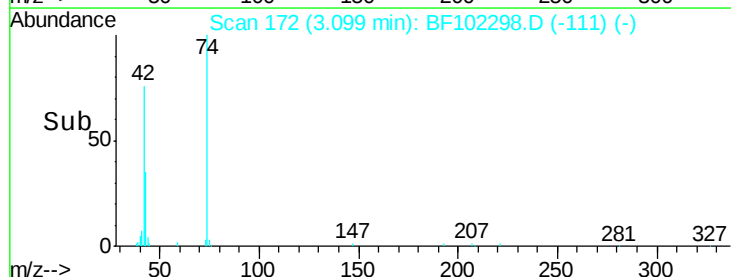
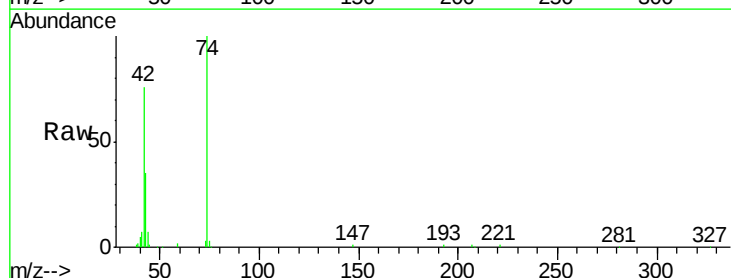
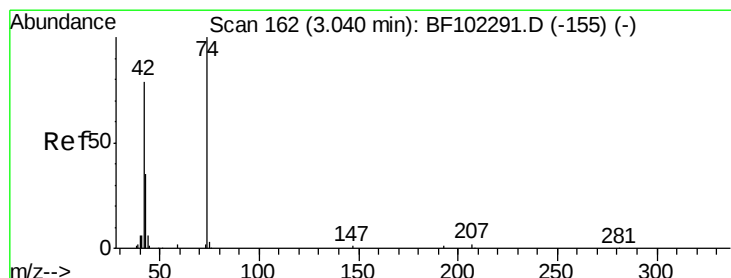
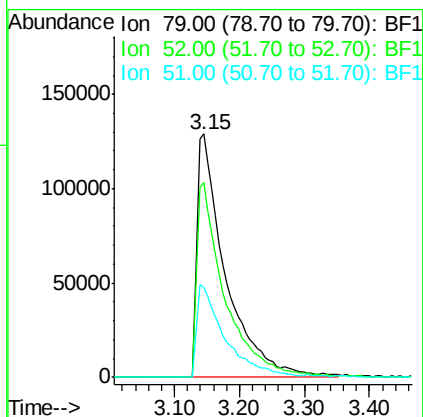
#3
 Pvridine
 Concen: 33.504 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.07 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	80.2		59.8	89.6
51	51	37.1		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BS

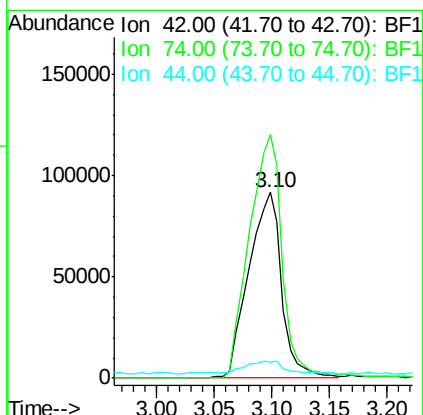
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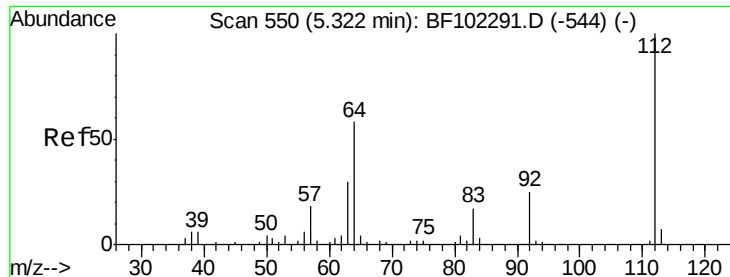
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#4
 n-Nitrosodimethylamine
 Concen: 40.030 ng
 RT: 3.10 min Scan# 172
 Delta R.T. 0.06 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	131.0		104.9	157.3
44	44	8.8		6.9	10.3





#5

2-Fluorophenol

Concen: 120.061 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

ClientSampleId :

PB105837BS

Tot Ion: 112 Resp: 1122496

Ion Ratio Lower Upper

112 100

64 58.7 47.9 71.9

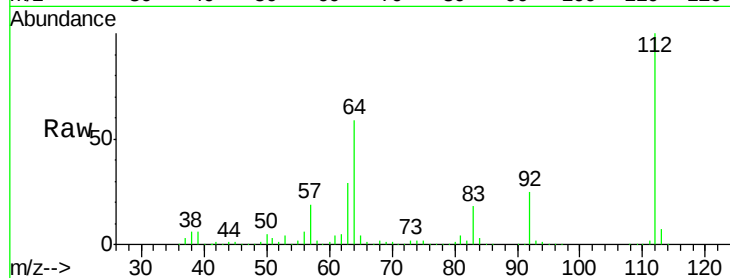
63 29.4 23.7 35.5

Manual Integrations

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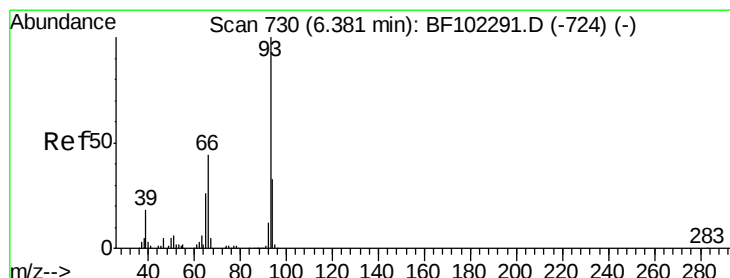
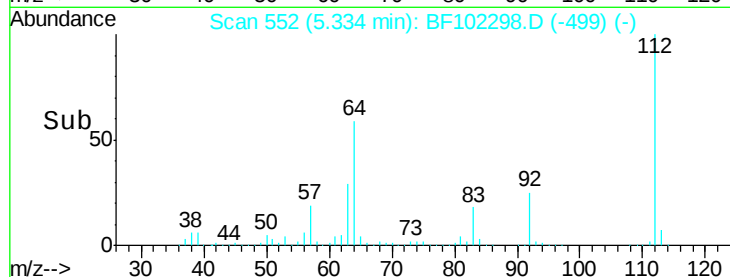
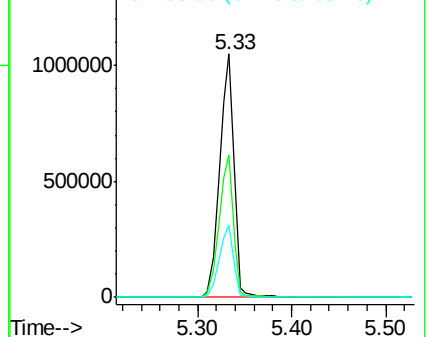
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.633 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

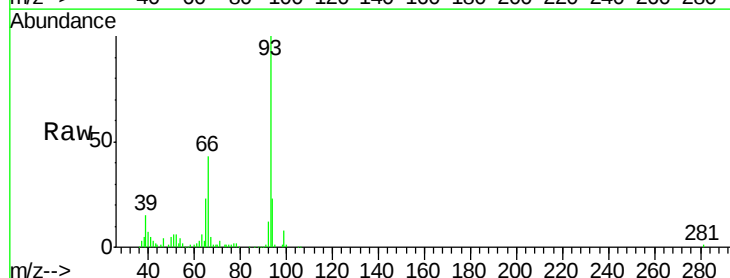
Tgt Ion: 93 Resp: 203248

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

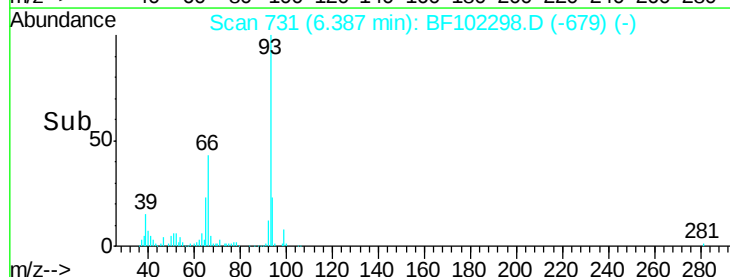
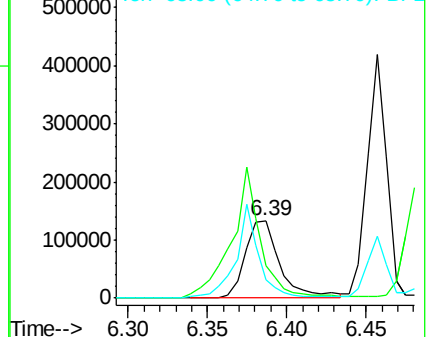
65 23.1 16.4 24.6

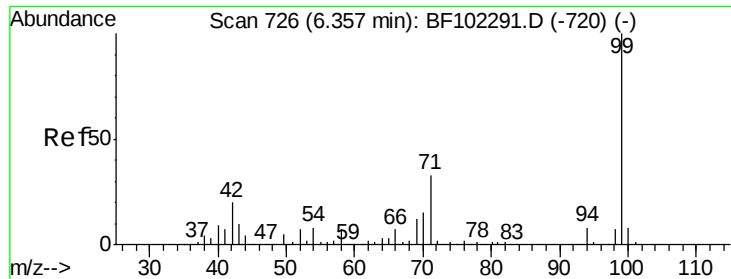


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.623 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

ClientSampled :

PB105837BS

Tot Ion: 99 Resp: 1370881

Ion Ratio Lower Upper

99 100

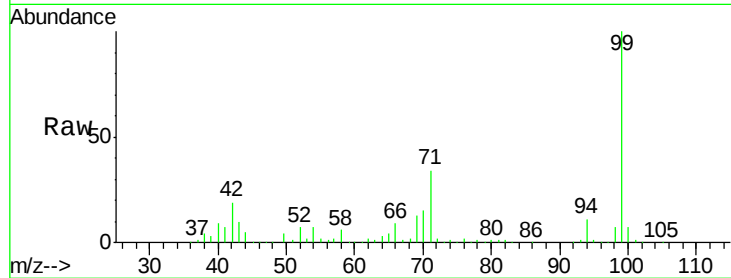
42 19.2 14.5 21.7

71 33.7 25.4 38.0

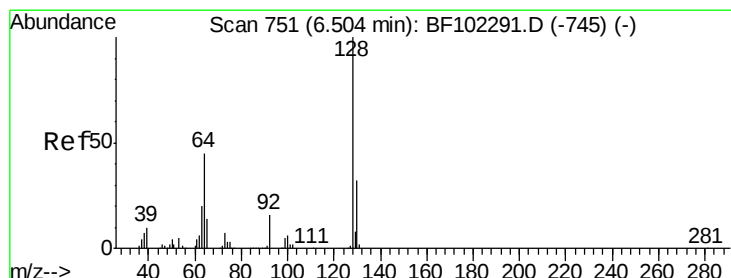
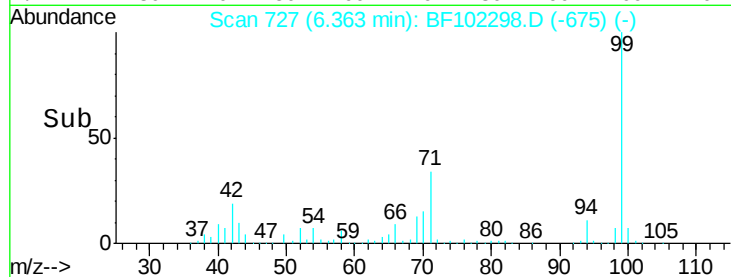
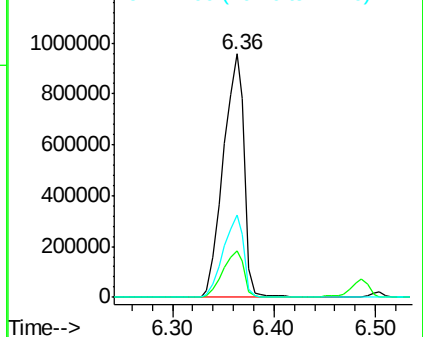
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.558 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

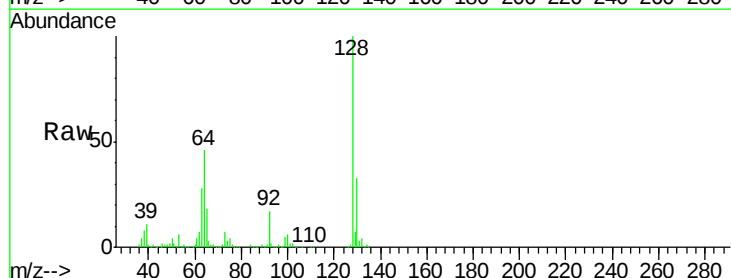
Tgt Ion: 128 Resp: 377889

Ion Ratio Lower Upper

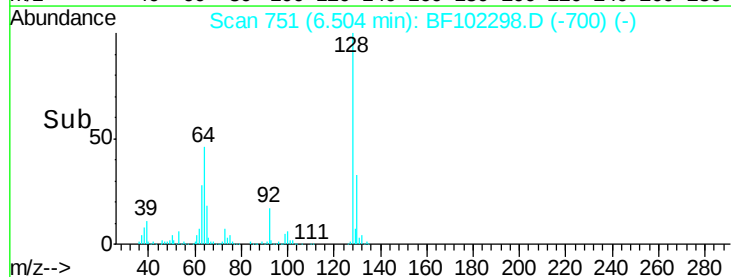
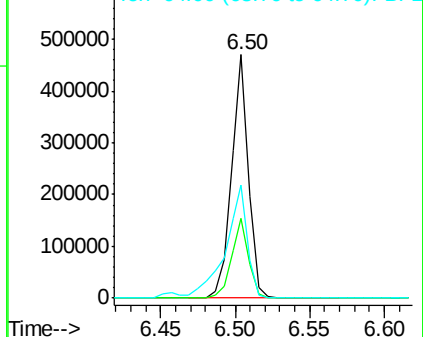
128 100

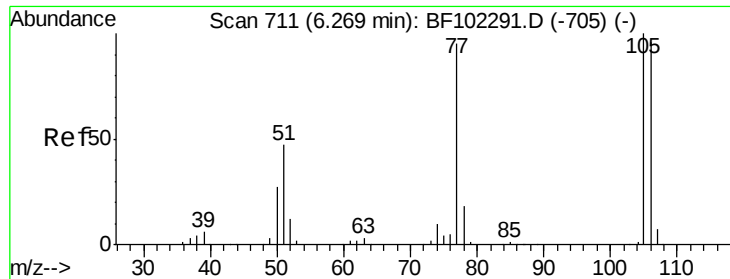
130 32.9 13.0 53.0

64 46.2 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: 37.477 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

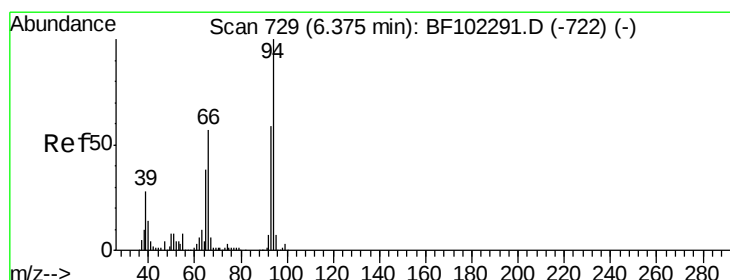
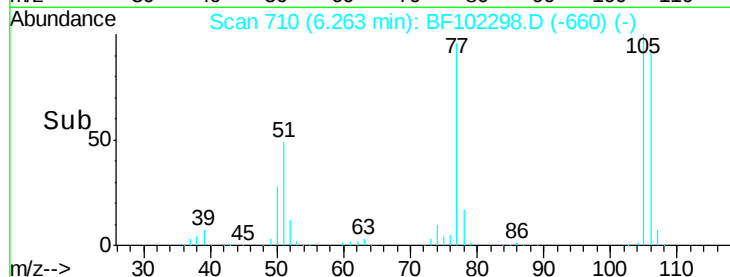
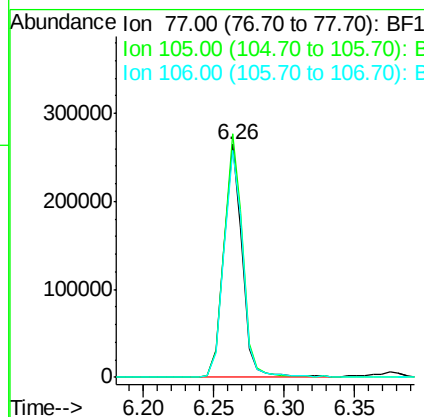
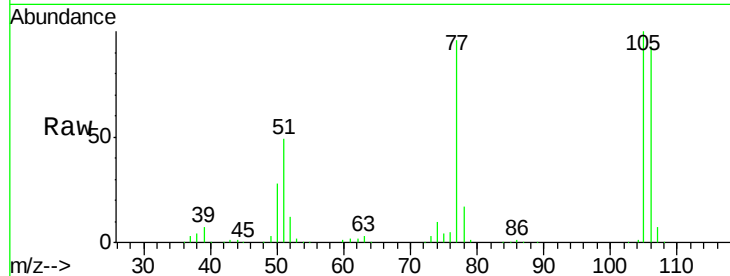
ClientSampleId :

PB105837BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.6	81.1	121.1
106	97.7	74.5	114.5

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#10

Phenol

Concen: 35.739 ng

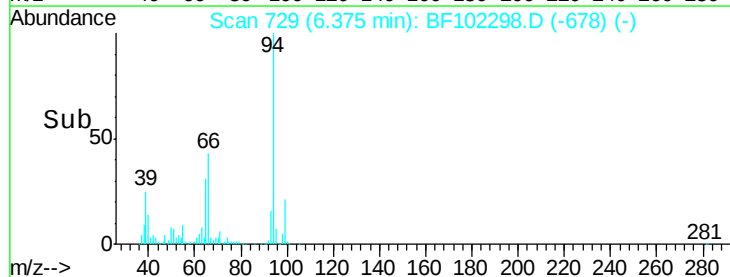
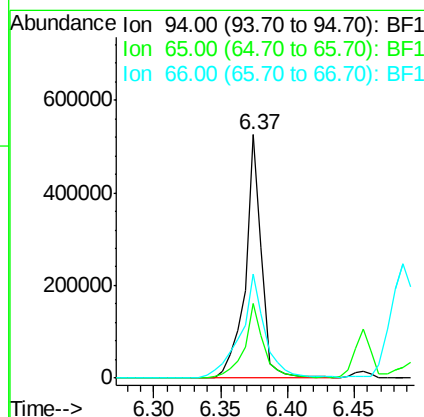
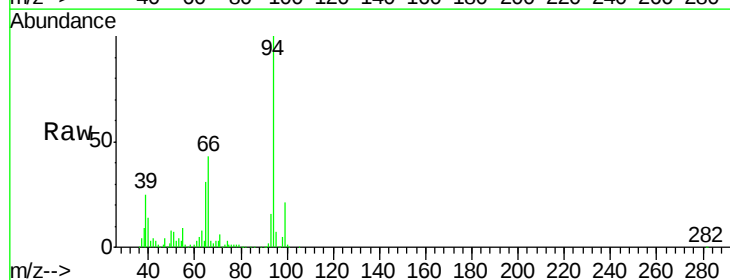
RT: 6.37 min Scan# 729

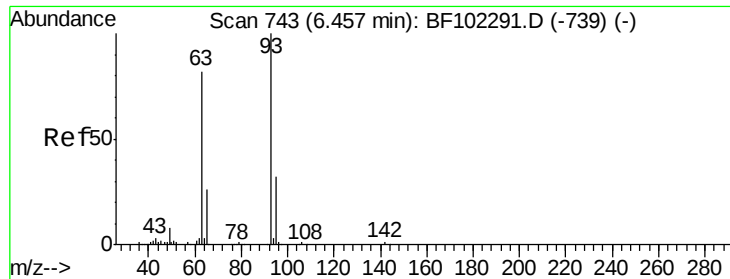
Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	42.9	16.2	56.2





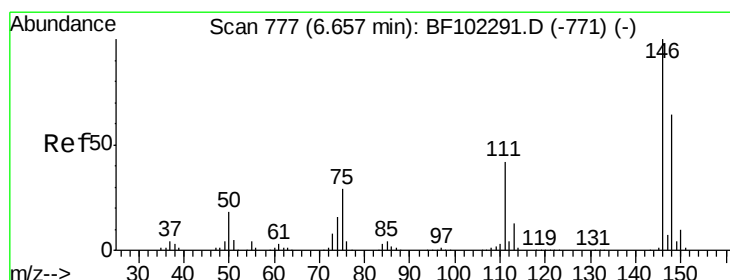
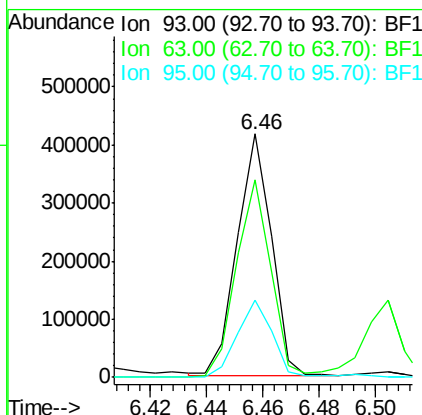
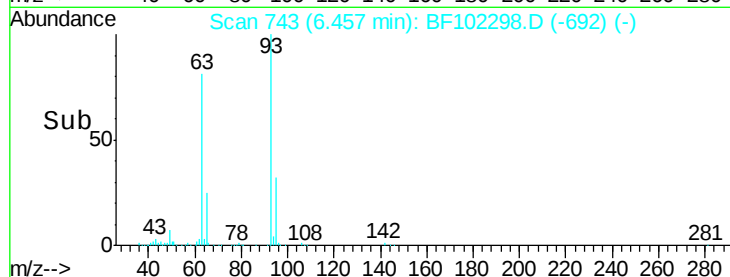
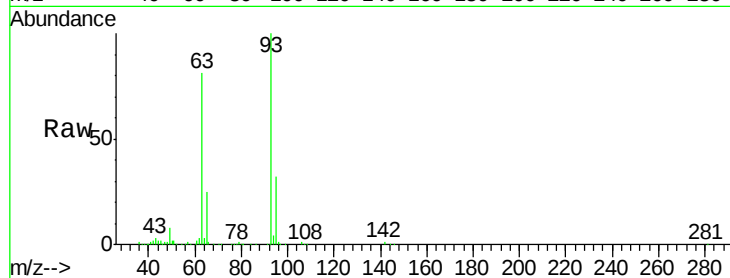
#11
bis(2-Chloroethyl)ether
Concen: 37.563 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion:	93	Resp:	351554
Ion	Ratio	Lower	Upper
93	100		
63	81.2	58.6	98.6
95	31.7	11.8	51.8

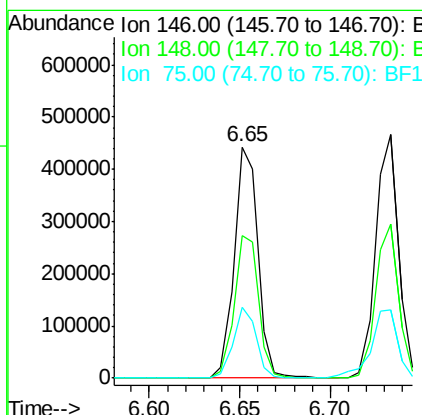
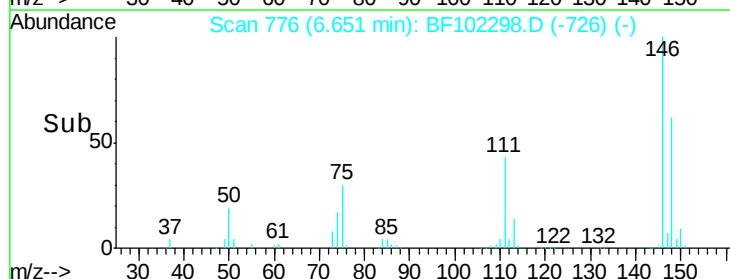
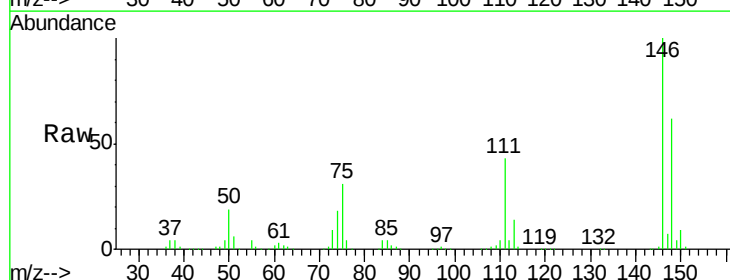
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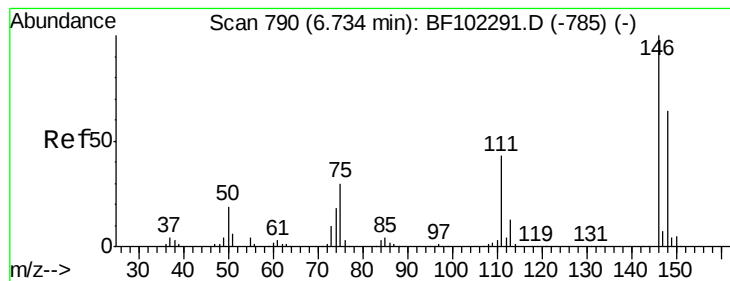
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.694 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion:	146	Resp:	404386
Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.8	77.8
75	30.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 35.289 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

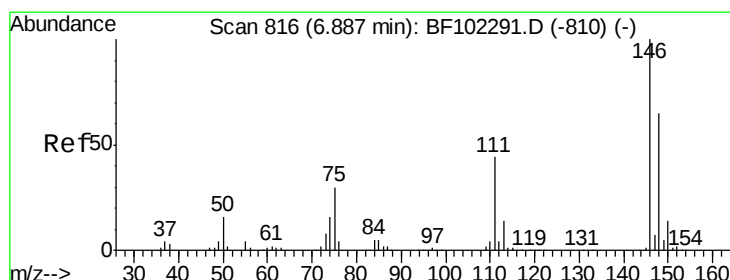
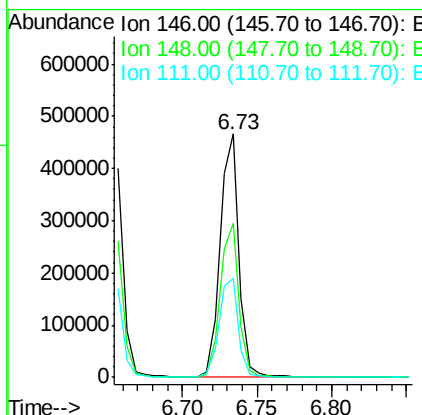
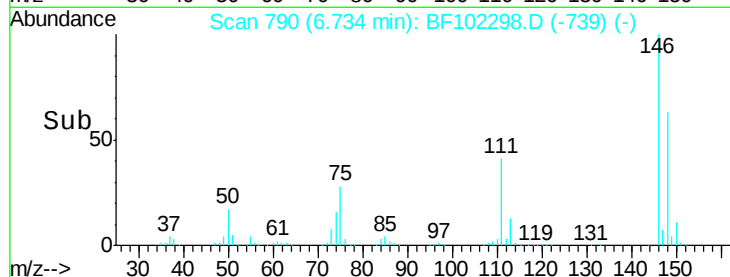
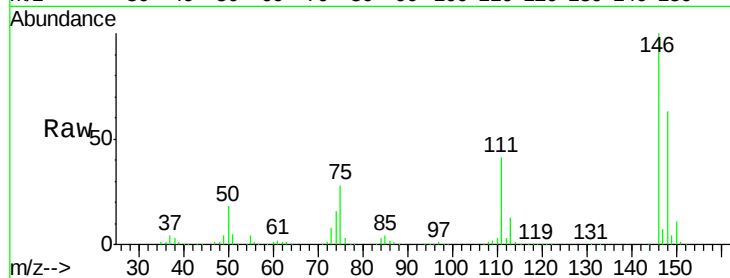
ClientSampleId :

PB105837BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	40.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 36.046 ng

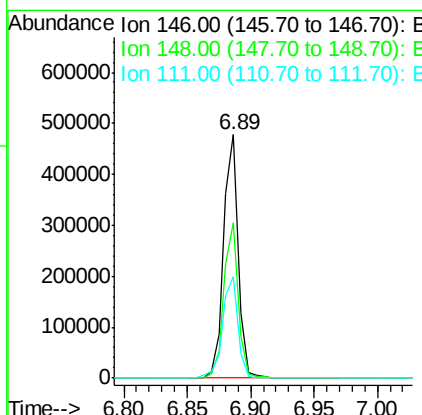
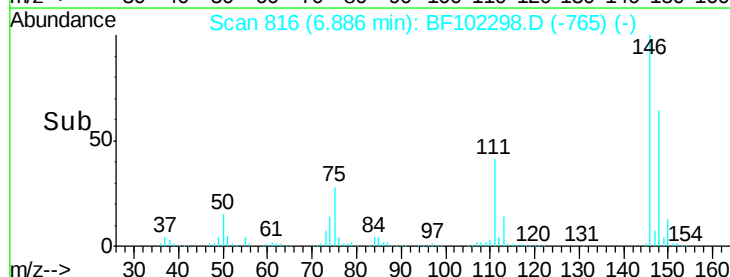
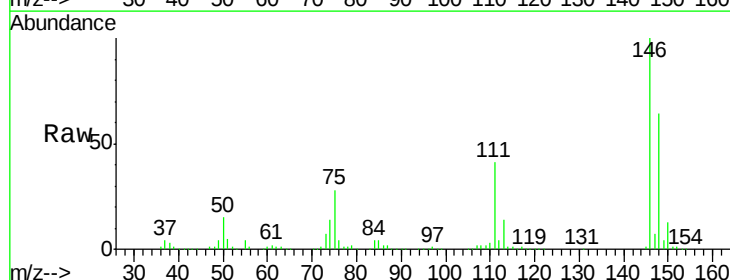
RT: 6.89 min Scan# 816

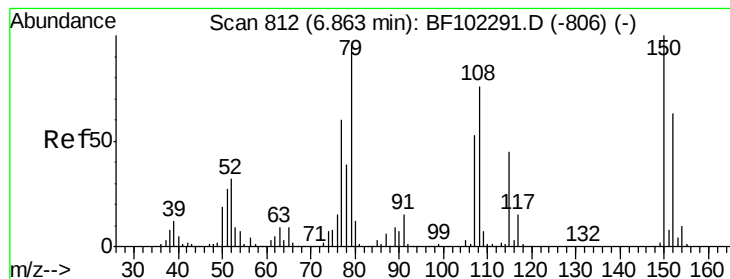
Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	41.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.943 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

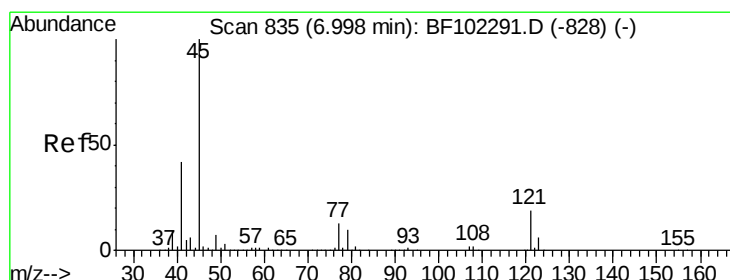
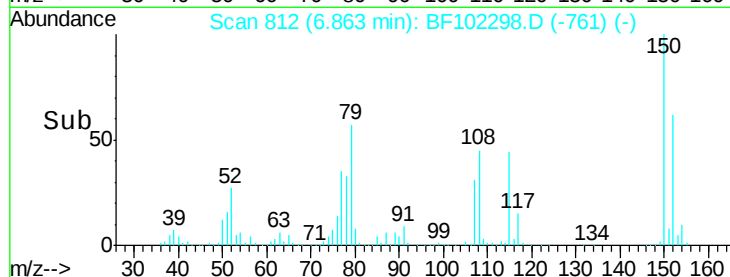
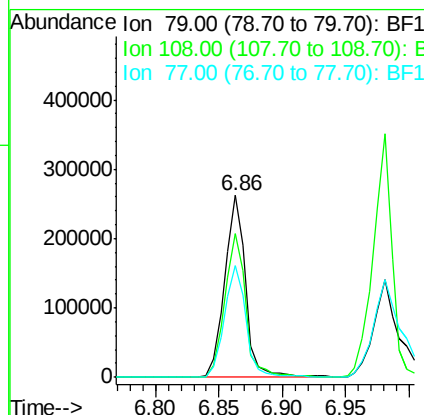
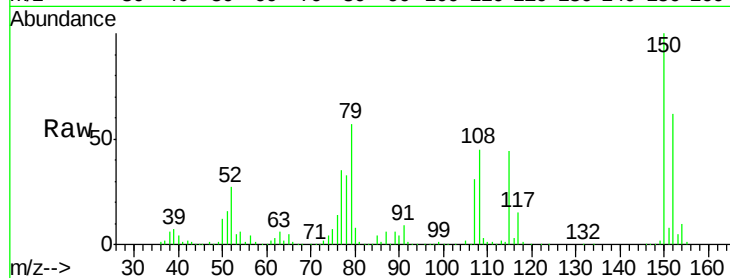
ClientSampled :

PB105837BS

Tot Ion:	79	Resp:	301755
Ion Ratio	Lower	Upper	
79	100		
108	79.2	65.1	97.7
77	61.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.362 ng

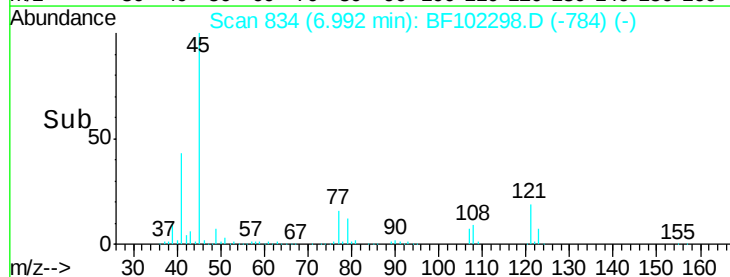
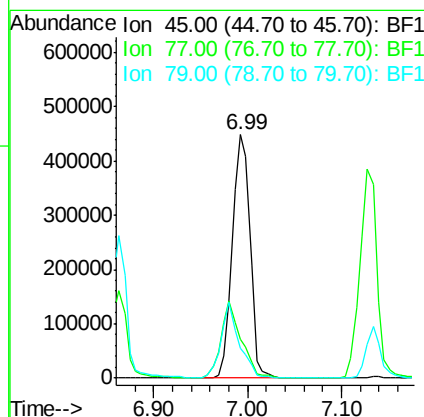
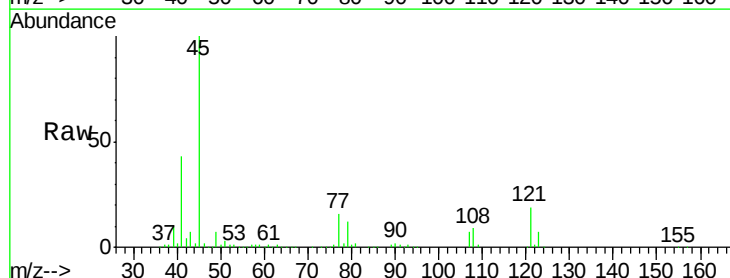
RT: 6.99 min Scan# 834

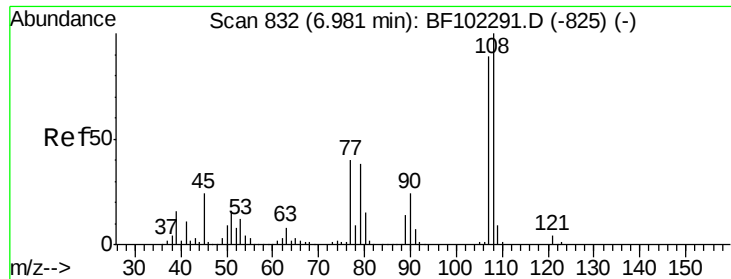
Delta R.T. -0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:	45	Resp:	586473
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	32.9
79	12.3	0.0	29.6





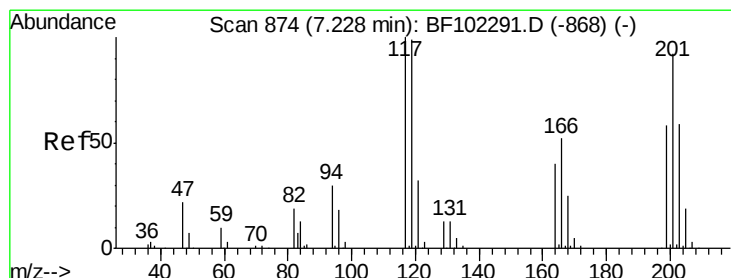
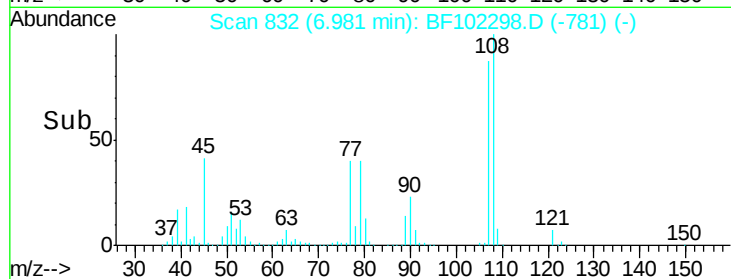
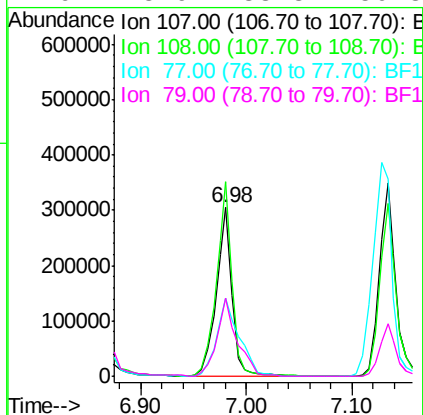
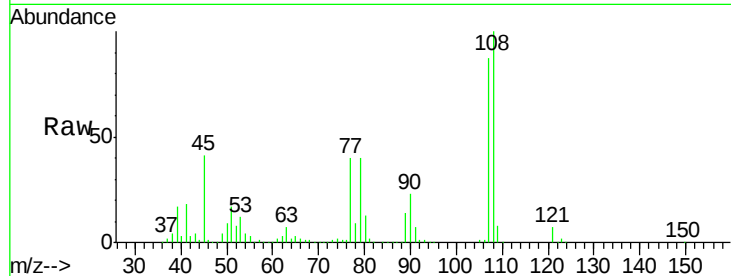
#17
2-Methylphenol
Concen: 38.036 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion:	107	Resp:	323749
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	46.3	33.8	50.8
79	45.9	33.8	50.8

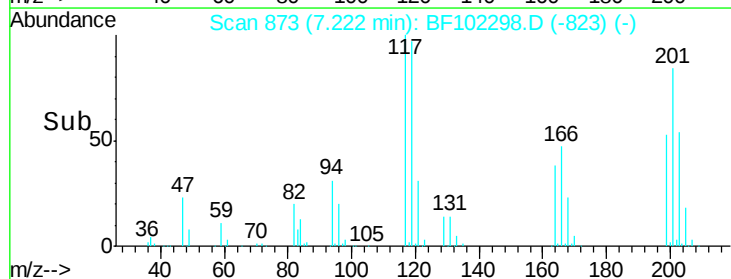
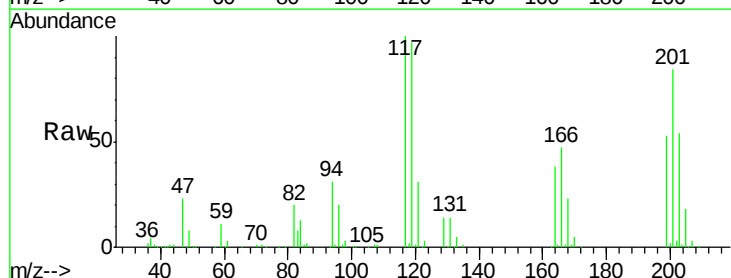
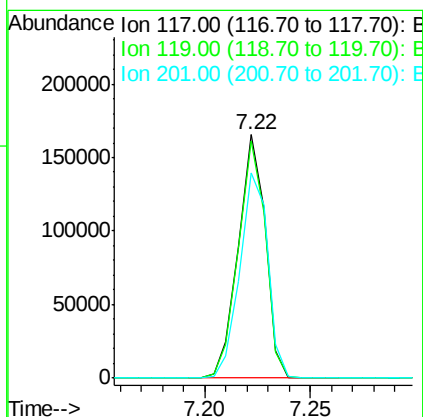
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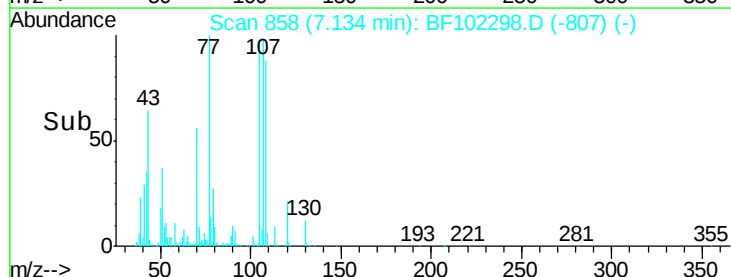
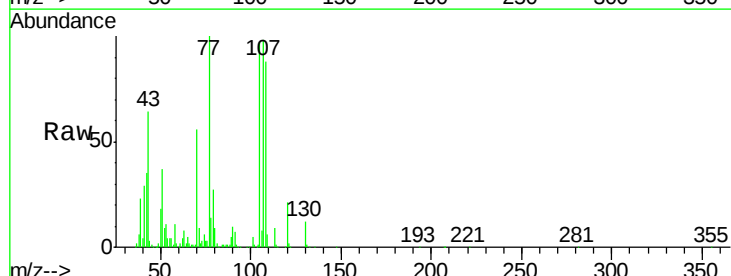
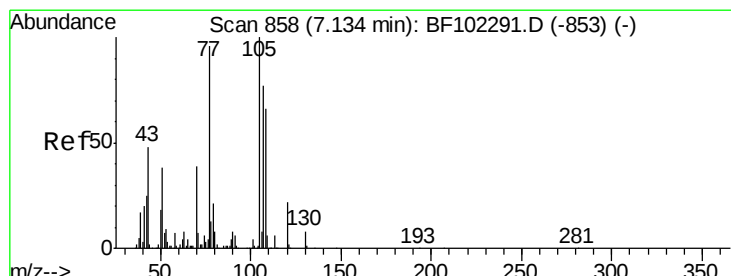
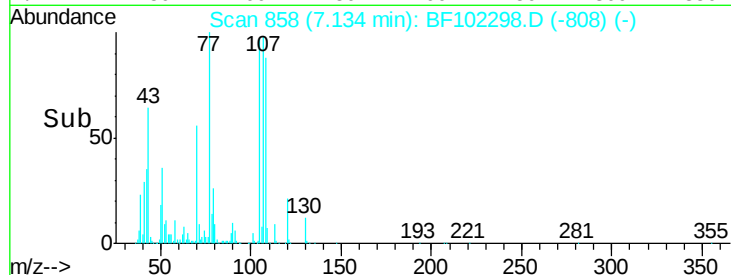
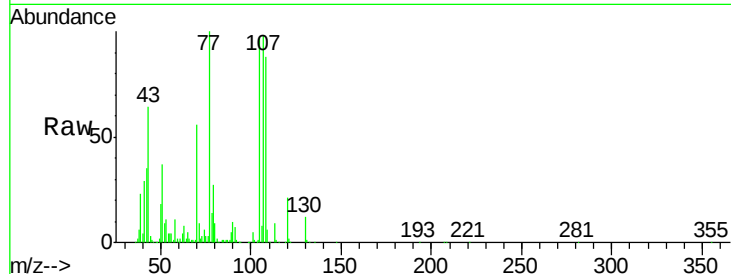
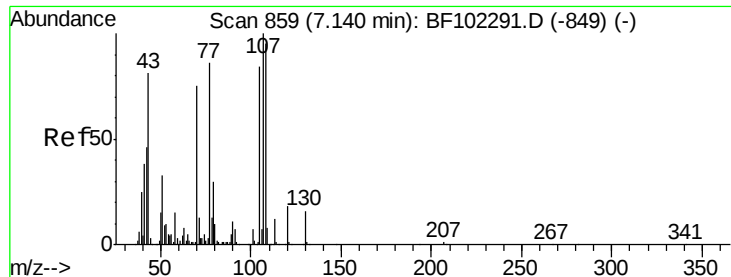
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#18
Hexachloroethane
Concen: 36.202 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

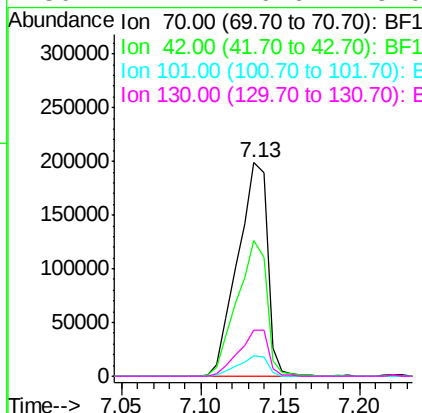
Tgt Ion:	117	Resp:	147294
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	84.1	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 37.598 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.4	47.5	71.3	
101	9.8	7.4	11.2	
130	21.4	16.6	25.0	



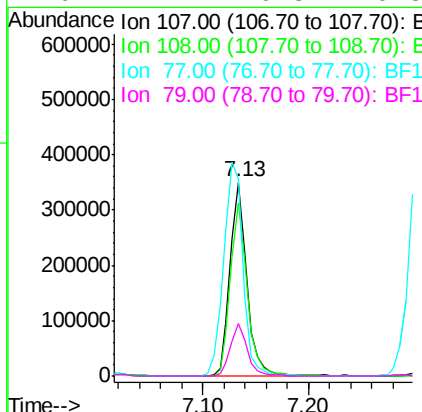
Instrument :
BNA_F
ClientSampleId :
PB105837BS

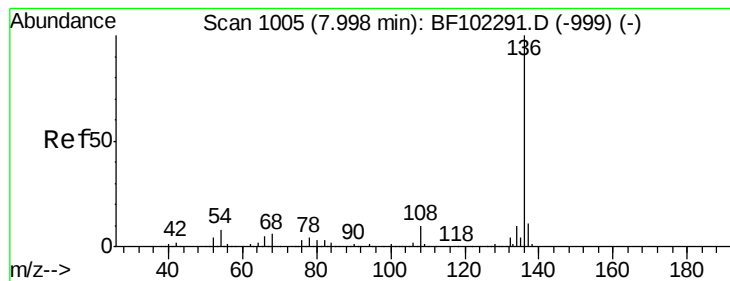
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#20
3+4-Methylphenols
Concen: 38.639 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	68.2	108.2	
77	101.7	26.7	66.7#	
79	27.1	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

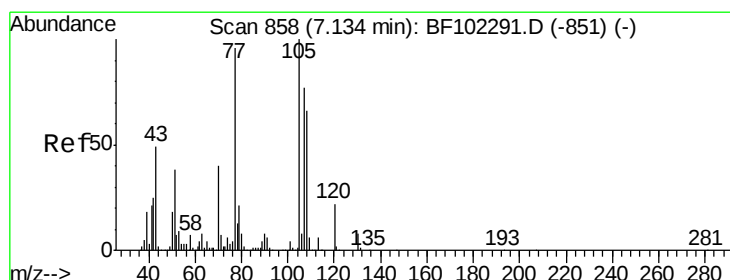
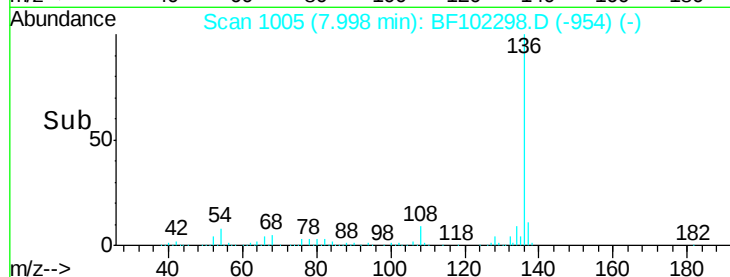
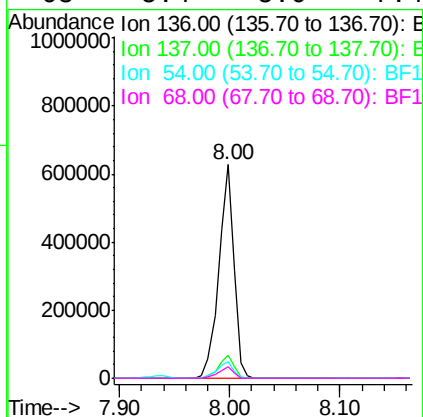
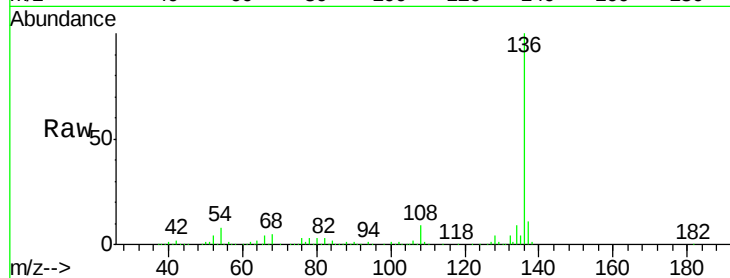
ClientSampleId :

PB105837BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	596908		
137	10.9		8.9	13.3
54	7.7		6.6	9.8
68	5.4		5.0	7.4

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#22

Acetophenone

Concen: 36.189 ng

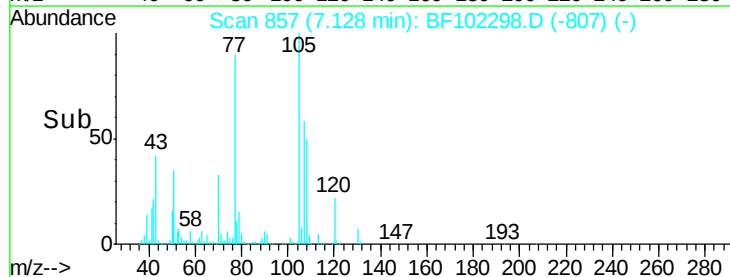
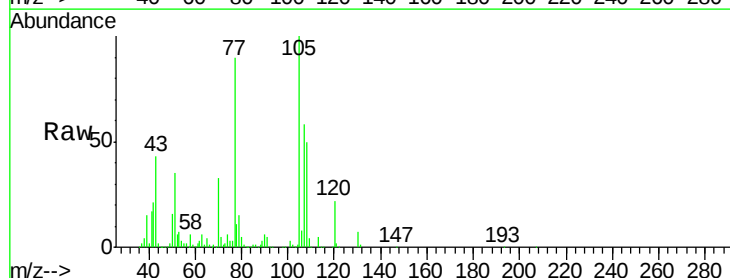
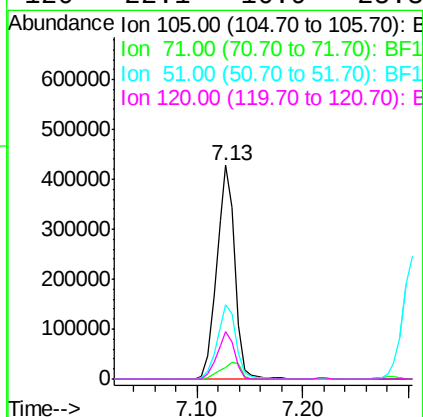
RT: 7.13 min Scan# 857

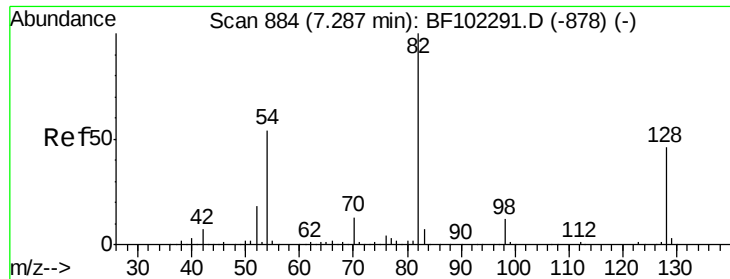
Delta R.T. -0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514940		
71	5.1		4.4	6.6
51	34.8		22.3	33.5#
120	22.1		16.9	25.3





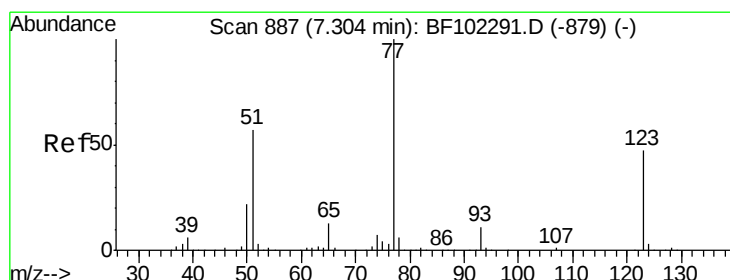
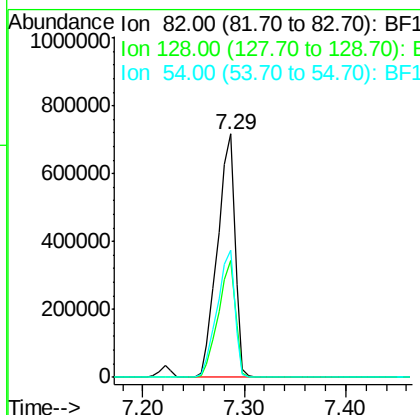
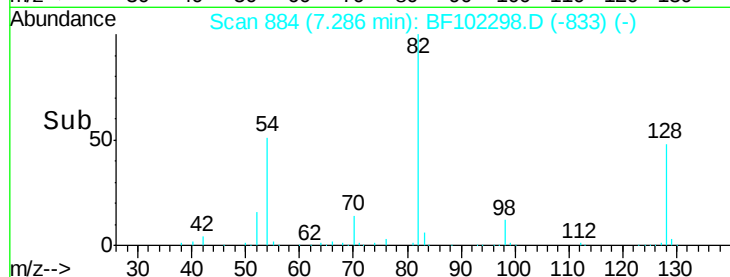
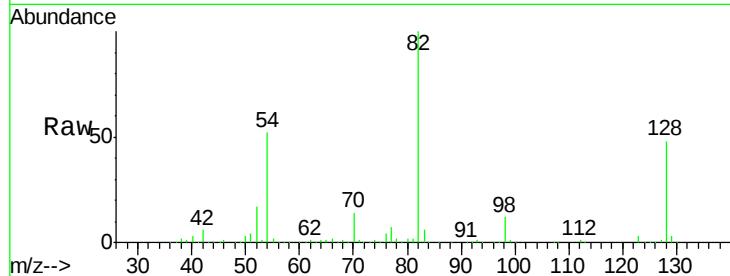
#23
 Nitrobenzene-d5
 Concen: 83.421 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Instrument :
 BNA_F
 ClientSampleID :
 PB105837BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	866493		
128	48.0	36.1	54.1	
54	52.2	41.4	62.2	

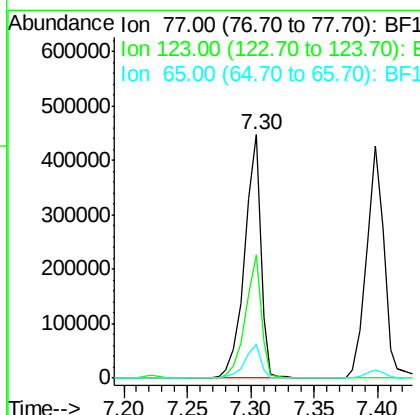
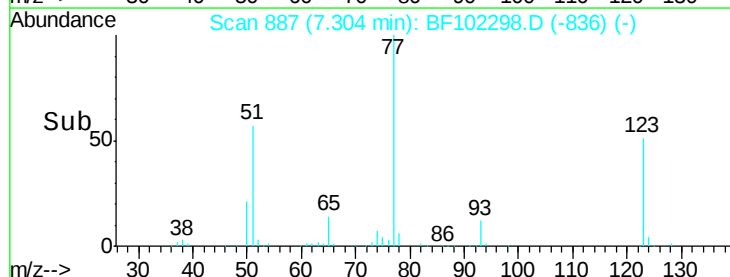
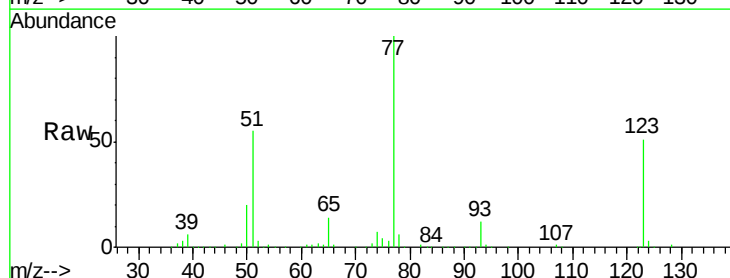
Manual Integrations
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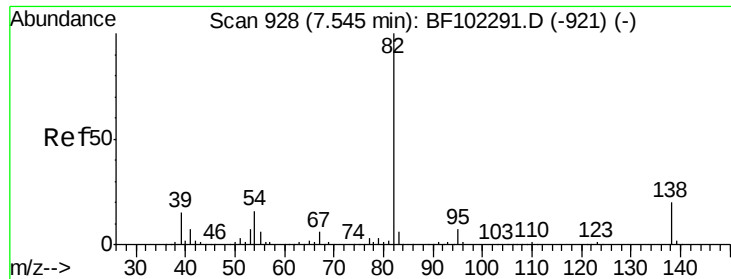
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#24
 Nitrobenzene
 Concen: 37.074 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	394086		
123	50.7	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 38.964 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

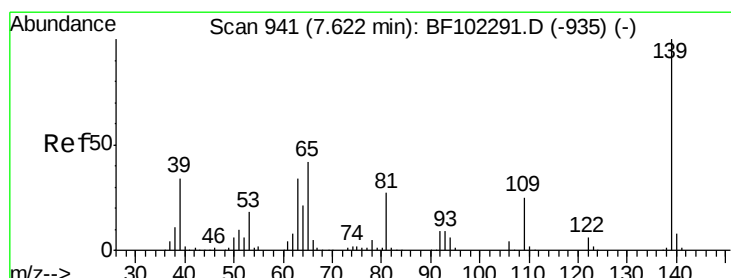
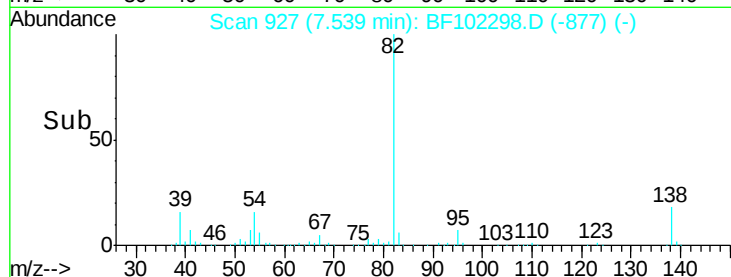
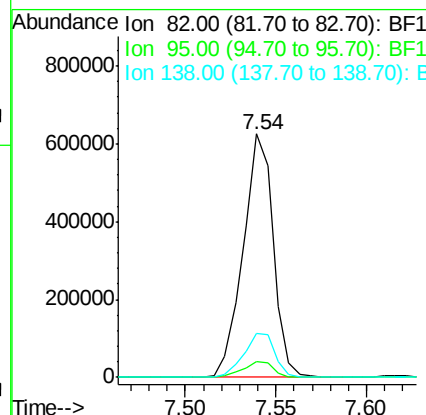
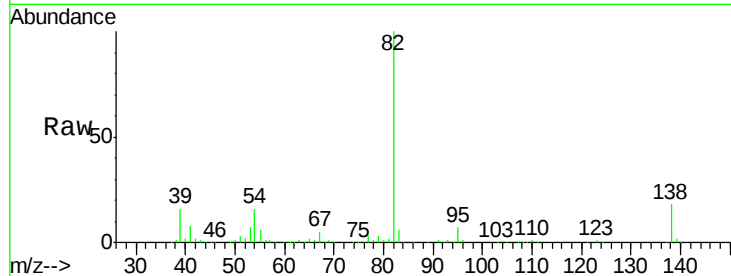
ClientSampleId :

PB105837BS

Tot Ion:	82	Resp:	721515
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	18.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 39.284 ng

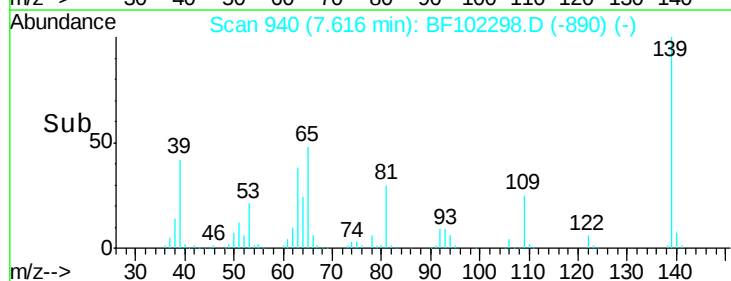
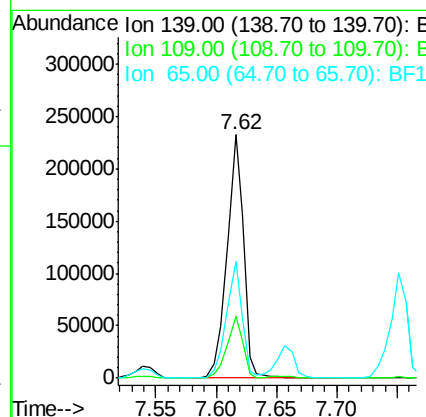
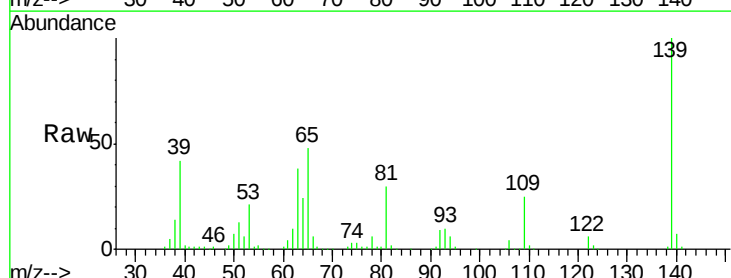
RT: 7.62 min Scan# 940

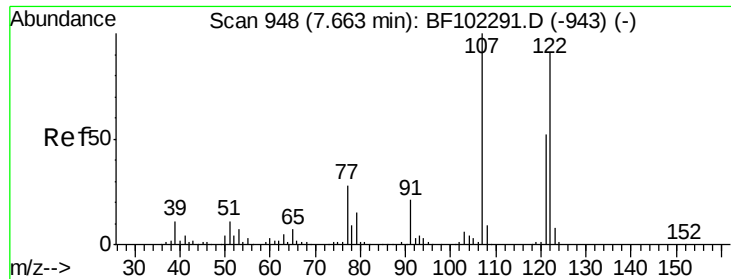
Delta R.T. -0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:	139	Resp:	219776
Ion Ratio		Lower	Upper
139	100		
109	25.3	22.7	34.1
65	48.2	40.5	60.7





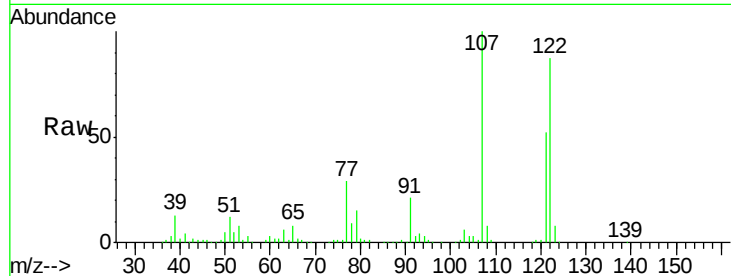
#27
2,4-Dimethylphenol
Concen: 42.646 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampled :
PB105837BS

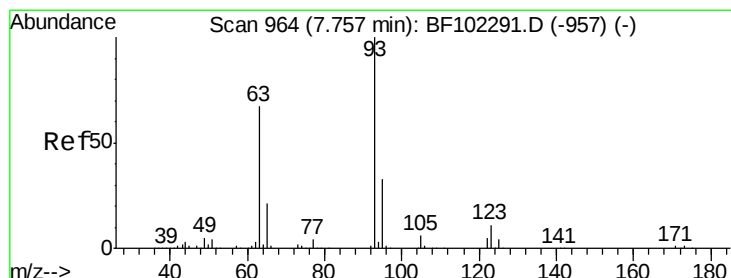
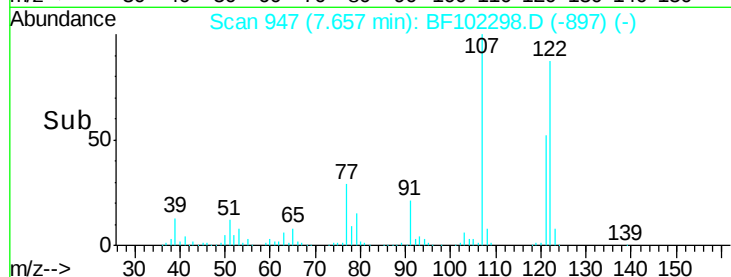
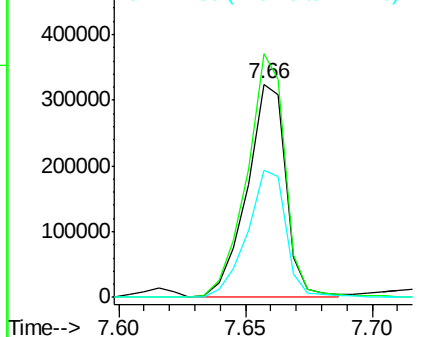
Tot Ion	Ratio	Resp	Lower	Upper
122	100	346439		
107	114.4	91.2	136.8	
121	59.6	47.2	70.8	

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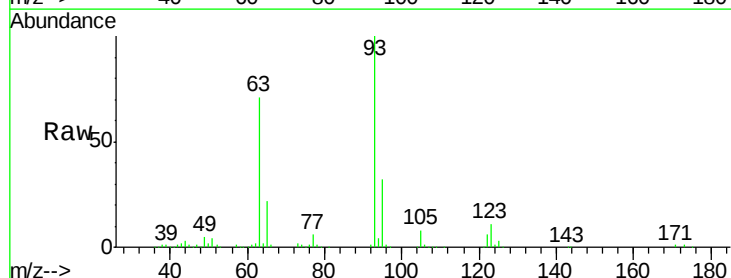


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

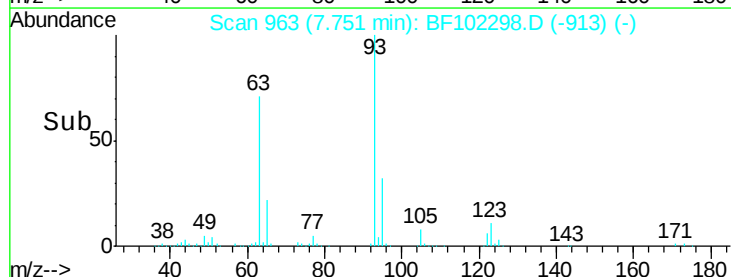
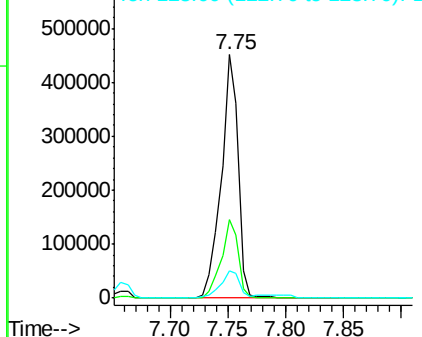


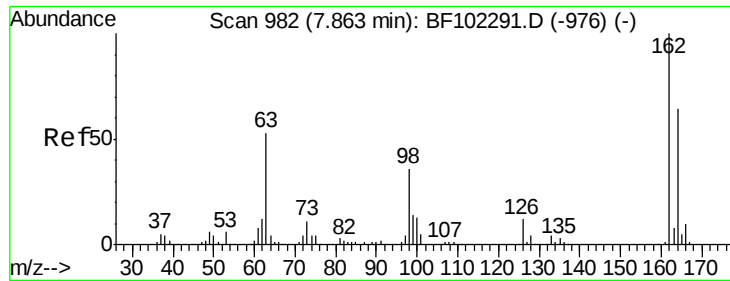
#28
bis(2-Chloroethoxy)methane
Concen: 40.120 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	458928		
95	32.3	26.3	39.5	
123	11.4	9.8	14.6	



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





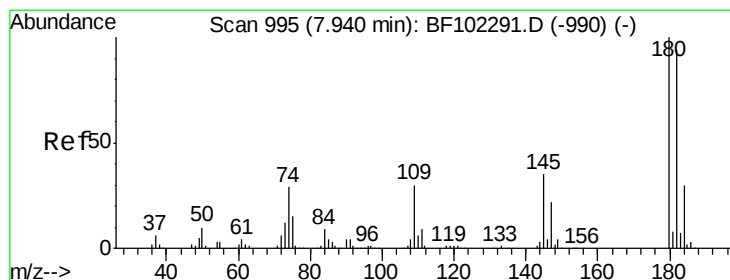
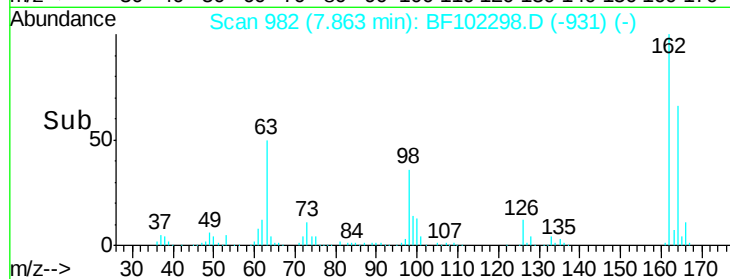
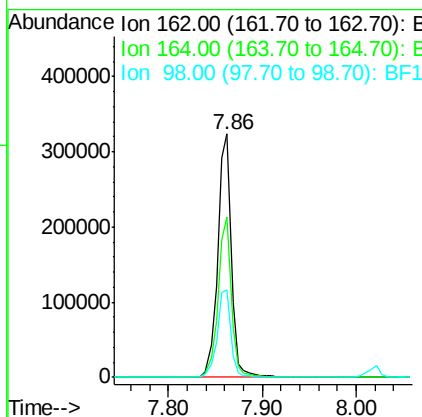
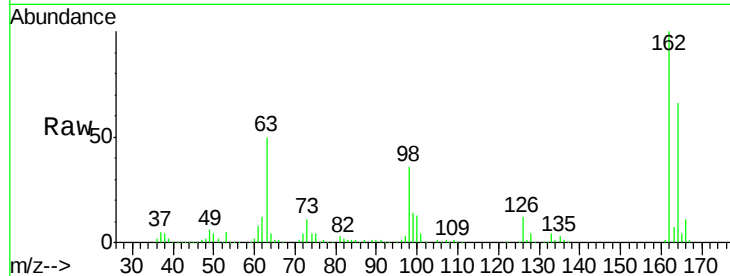
#29
2,4-Dichlorophenol
Concen: 40.069 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		331570		
164	66.0	42.7		82.7	
98	35.8	18.1		58.1	

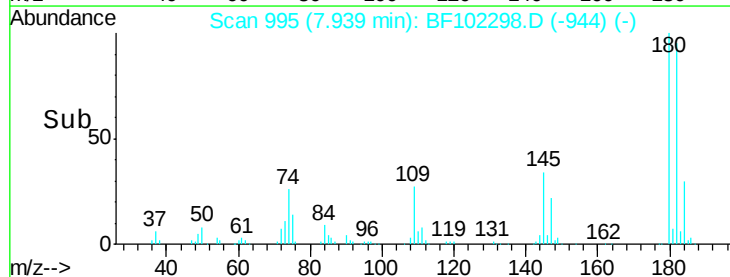
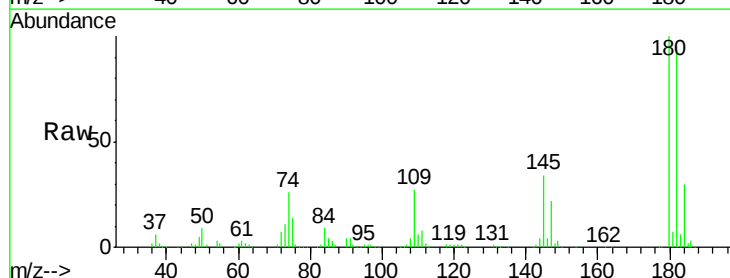
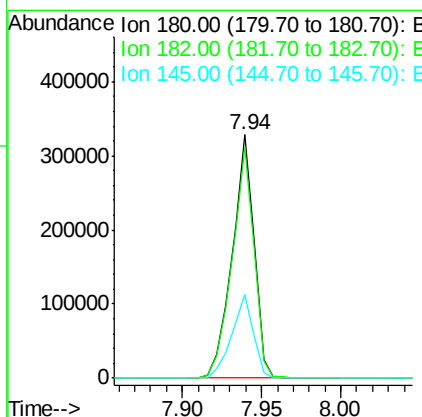
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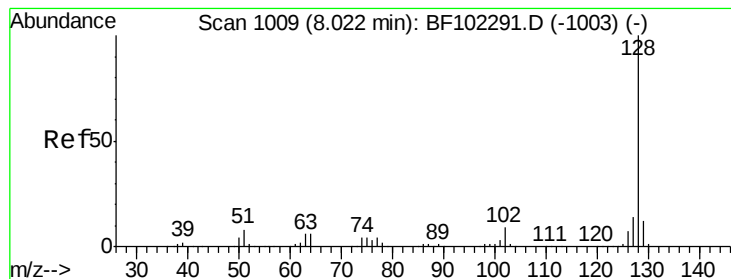
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#30
1,2,4-Trichlorobenzene
Concen: 35.360 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		313651		
182	94.6	76.8		115.2	
145	34.4	26.5		39.7	





#31

Naphthalene

Concen: 36.787 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

ClientSampleId :

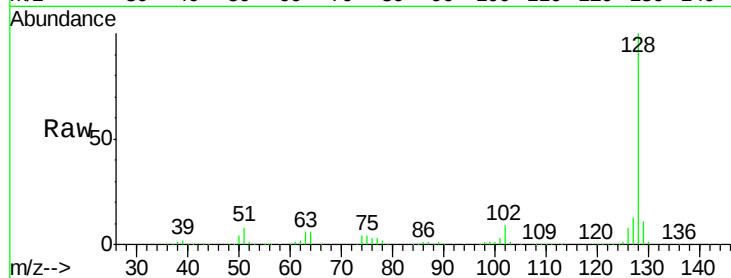
PB105837BS

Tot Ion:128 Resp: 1096351

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.4	10.9	16.3

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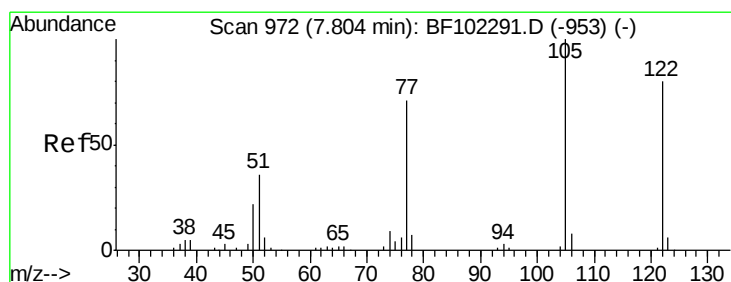
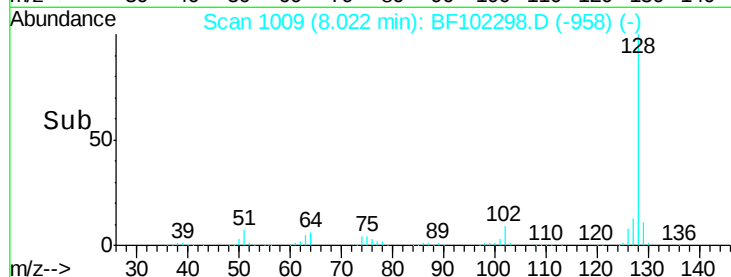
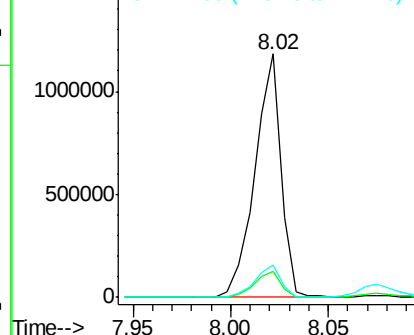
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.679 ng

RT: 7.80 min Scan# 972

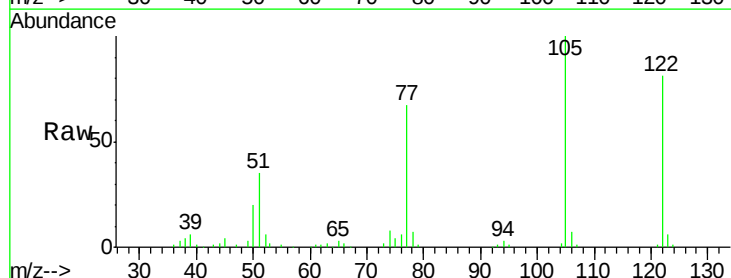
Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:122 Resp: 242838

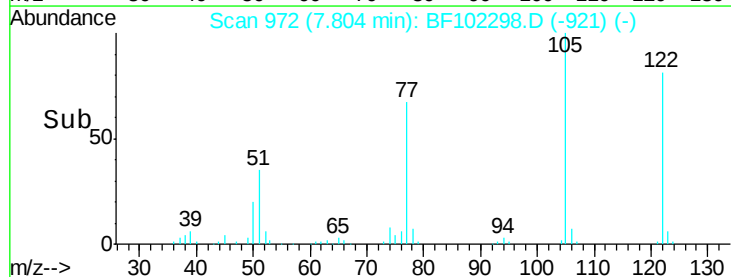
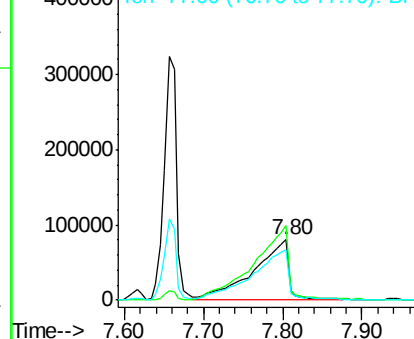
Ion	Ratio	Lower	Upper
122	100		
105	124.2	101.1	141.1
77	83.7	70.7	110.7

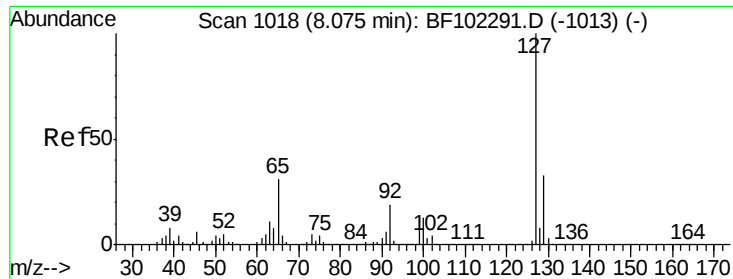


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





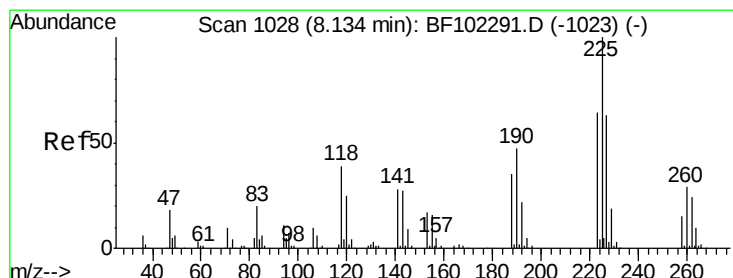
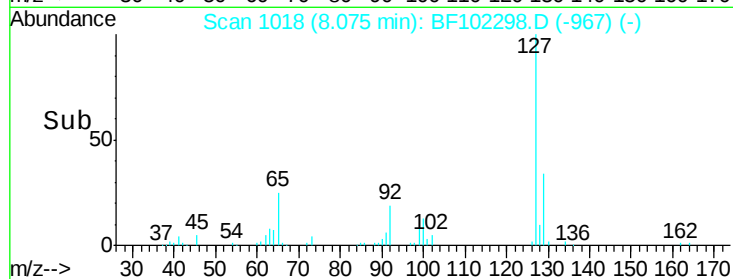
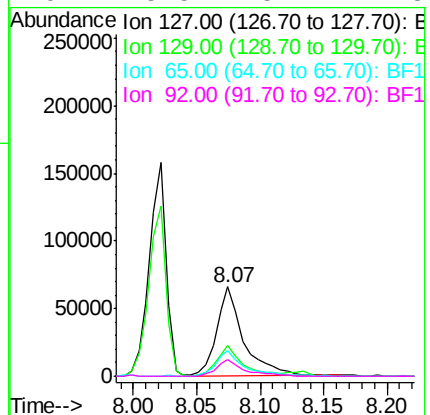
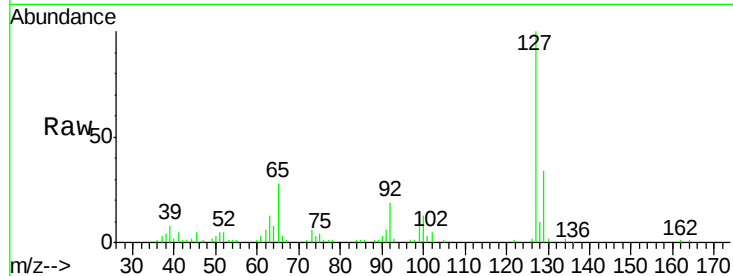
#33
4-Chloroaniline
Concen: 7.789 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.0	25.9	38.9		
65	28.3	25.0	37.4		
92	18.5	15.2	22.8		

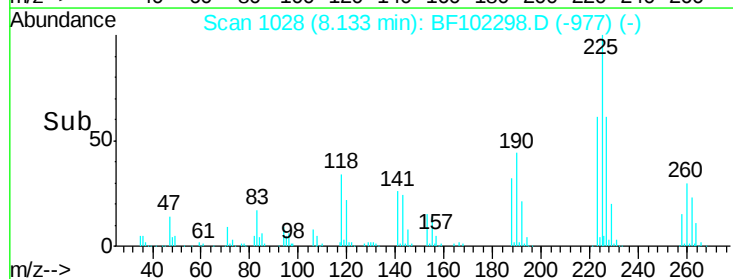
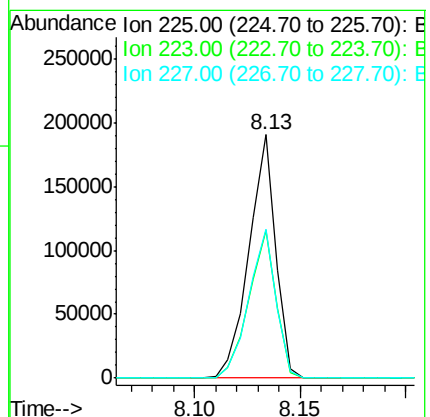
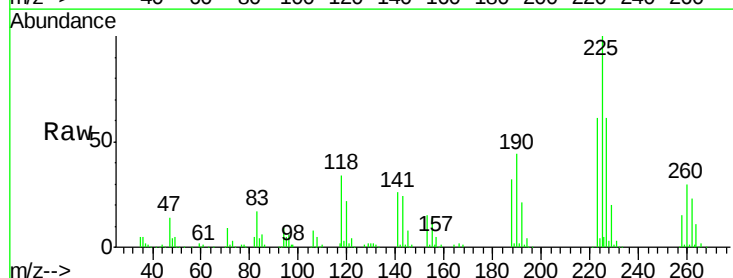
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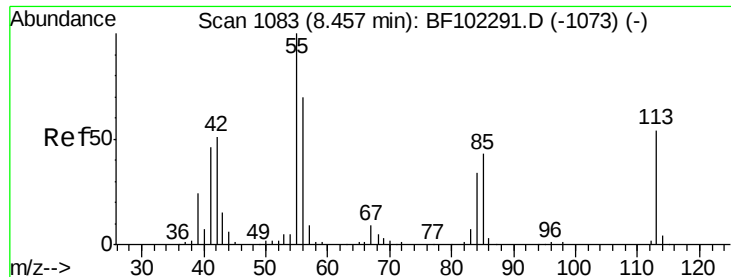
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#34
Hexachlorobutadiene
Concen: 35.509 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.5	50.6	76.0		
227	60.9	51.9	77.9		





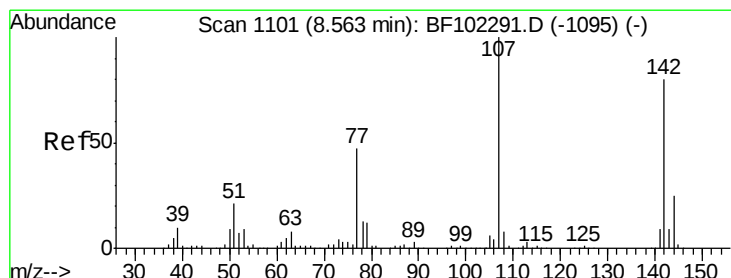
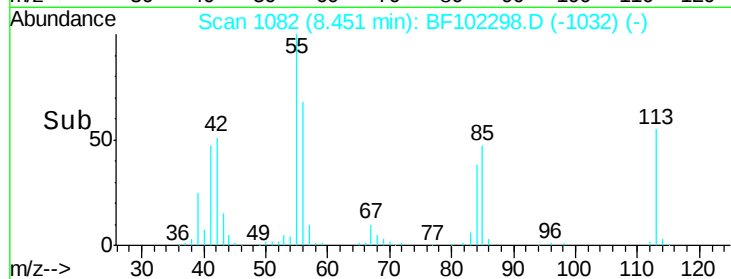
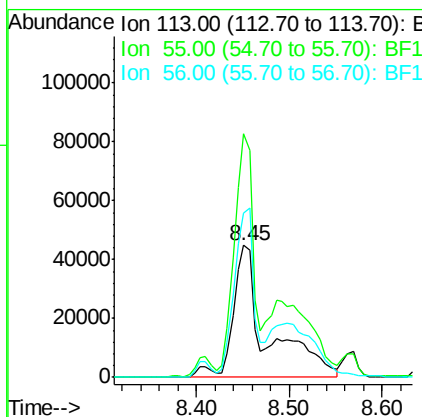
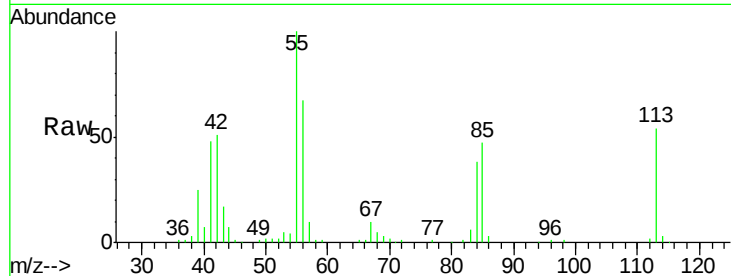
#35
Caprolactam
Concen: 41.562 ng/ml
RT: 8.45 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
Client Sampled :
PB105837BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.5	163.3	203.3
56	124.3	115.7	155.7

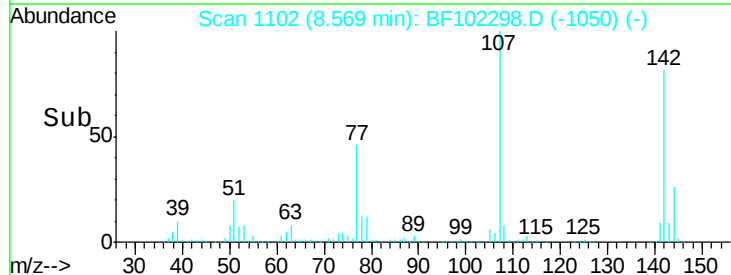
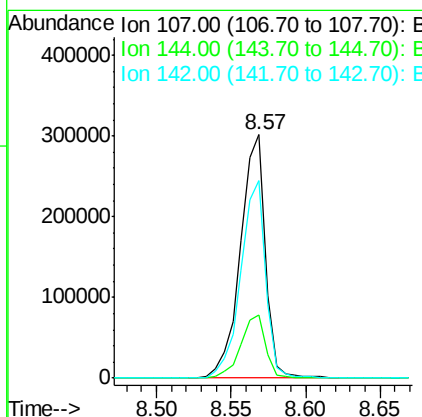
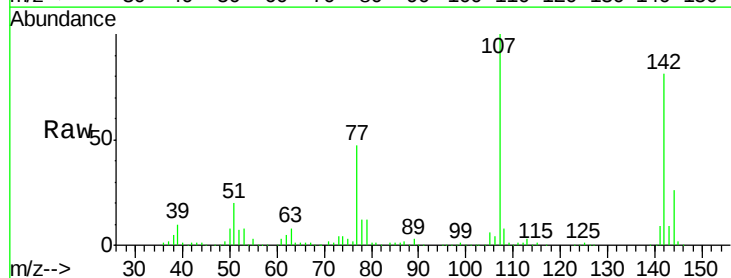
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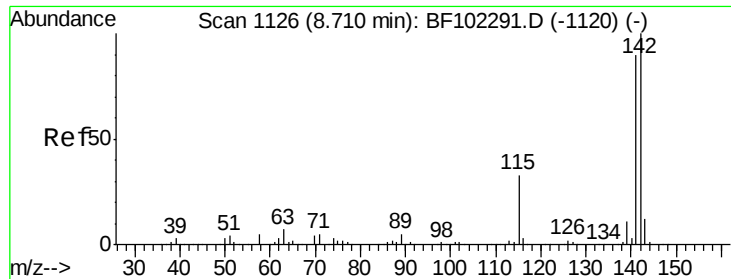
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#36
4-Chloro-3-methylphenol
Concen: 40.325 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	81.3	62.0	93.0





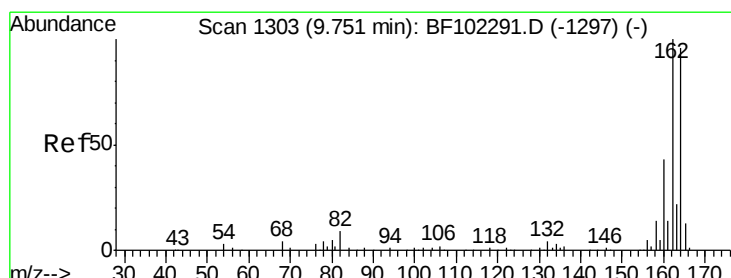
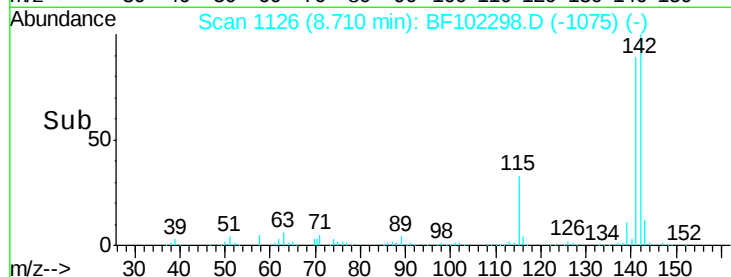
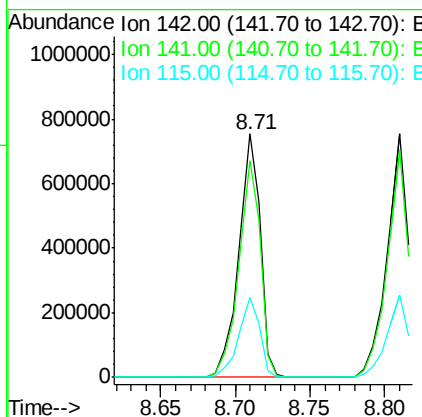
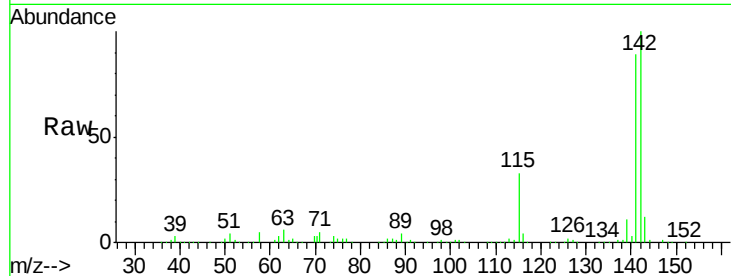
#37
2-Methylnaphthalene
Concen: 38.193 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleID :
PB105837BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	32.9	26.1	39.1

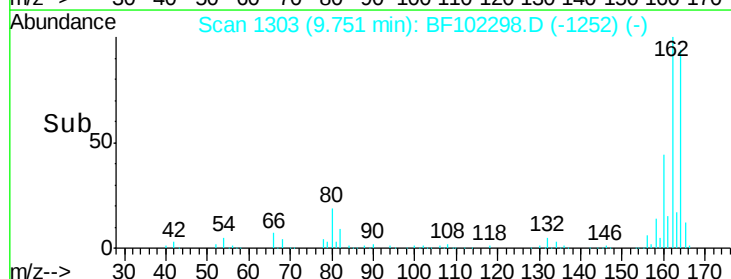
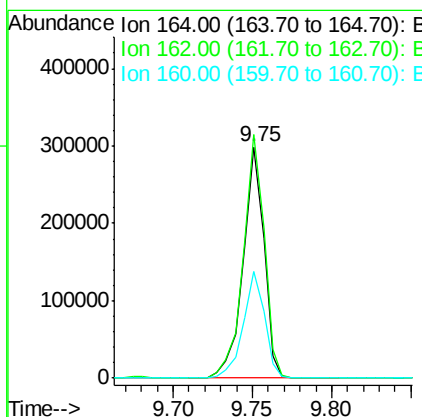
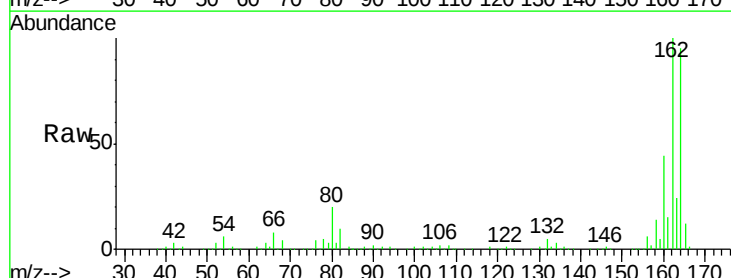
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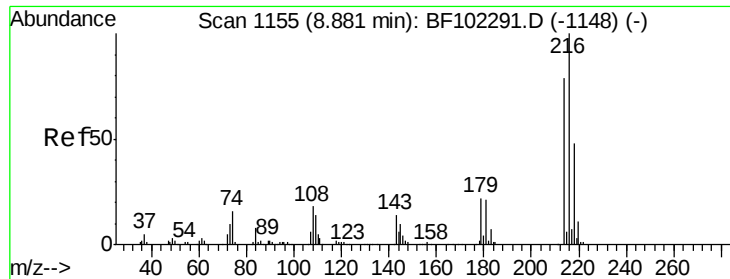
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.4	38.3	57.5





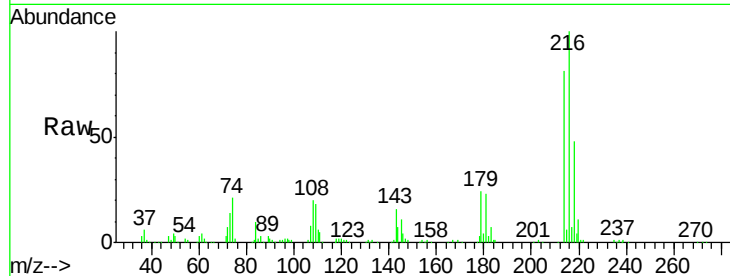
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.750 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BS

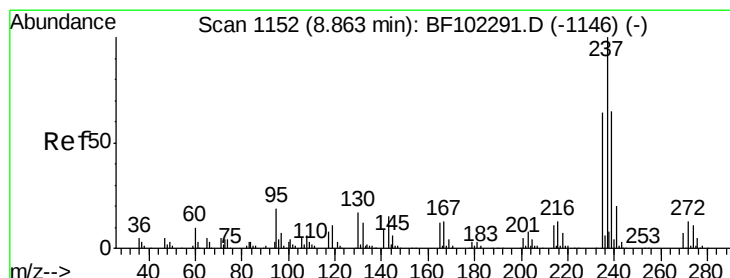
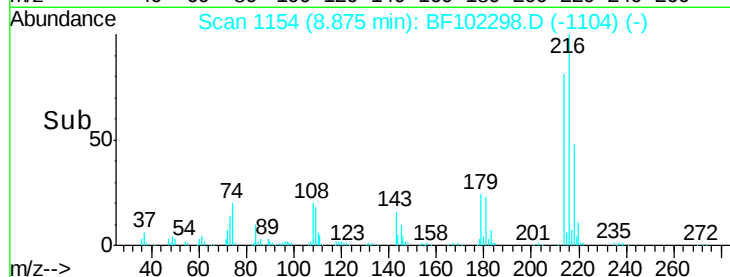
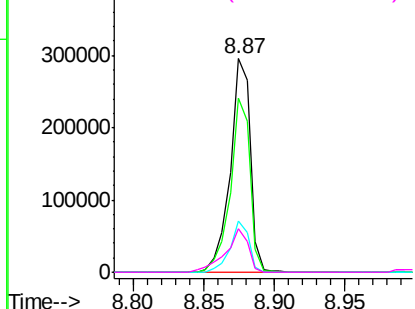
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		291643		
214	80.1		63.0	94.4	
179	22.7		18.1	27.1	
108	23.0		17.2	25.8	

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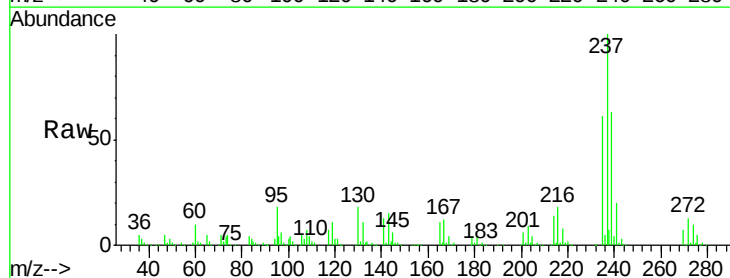


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

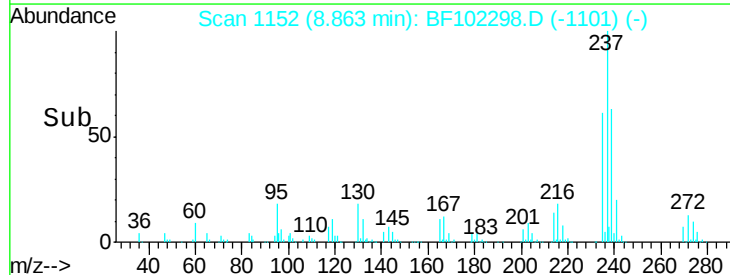
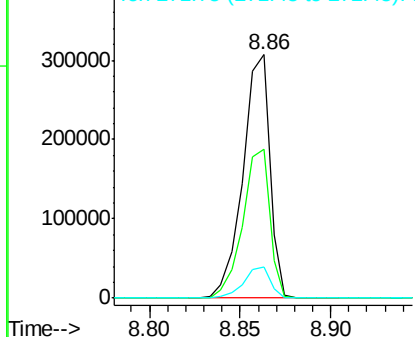


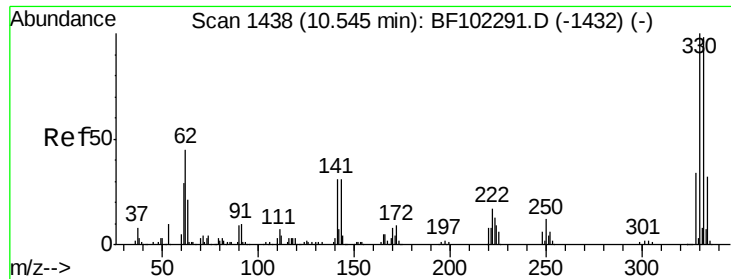
#40
 Hexachlorocyclopentadiene
 Concen: 86.817 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		316954		
235	61.1		44.8	84.8	
272	12.6		0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 119.981 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

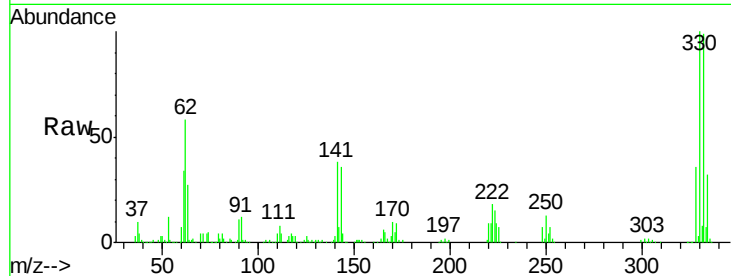
ClientSampled :

PB105837BS

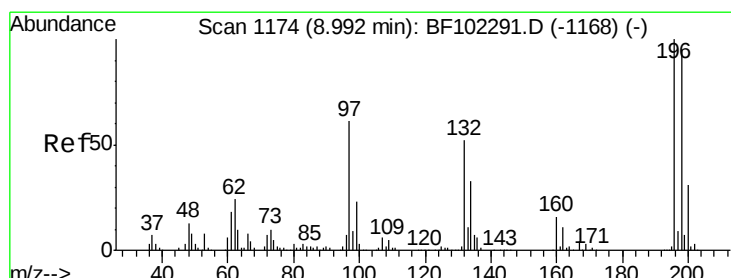
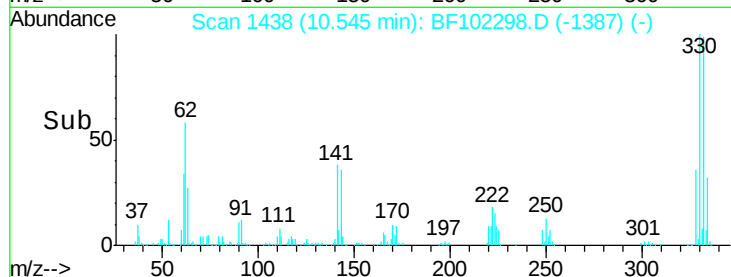
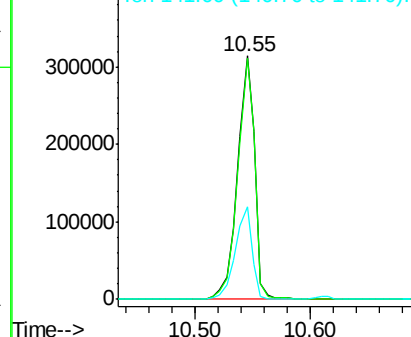
Tot Ion:	330	Resp:	322355
Ion Ratio	Lower	Upper	
330	100		
332	98.4	77.0	115.6
141	37.6	29.9	44.9

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.856 ng

RT: 8.99 min Scan# 1174

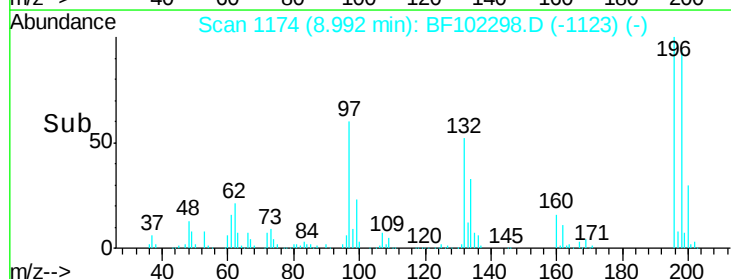
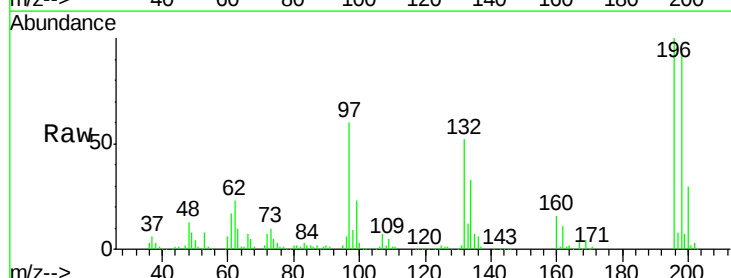
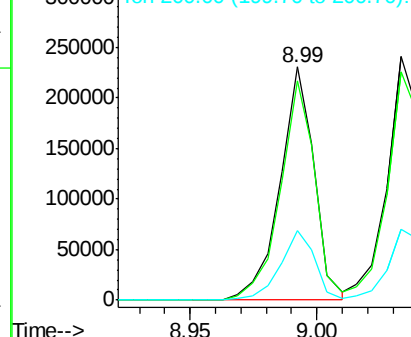
Delta R.T. -0.00 min

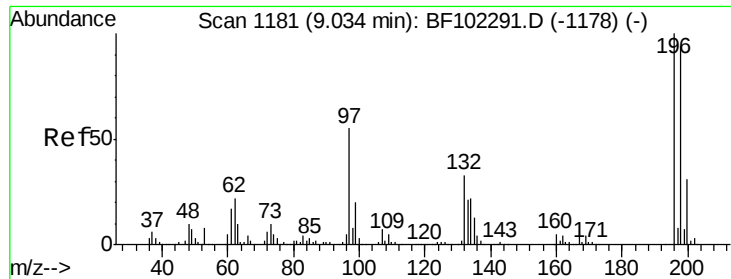
Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:	196	Resp:	217658
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.7	113.5
200	30.0	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





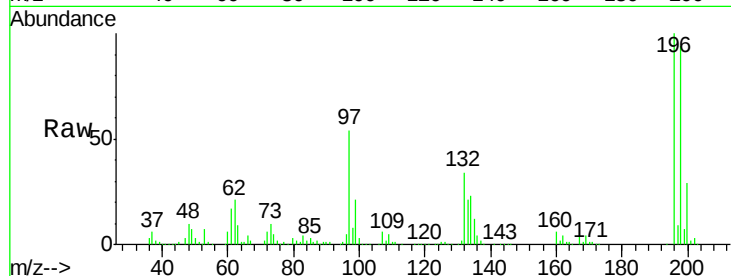
#43
 2,4,5-Trichlorophenol
 Concen: 37.707 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BS

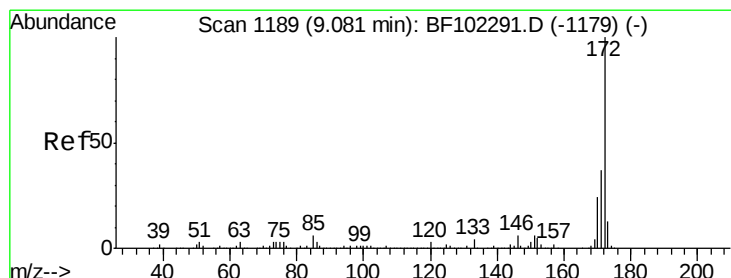
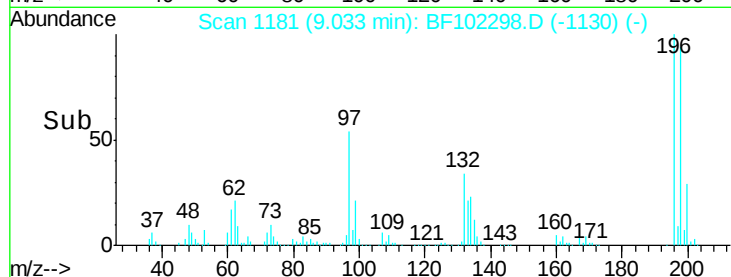
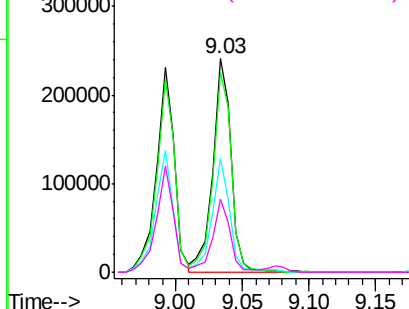
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		231853		
198	93.6		74.6	112.0	
97	53.6		42.9	64.3	
132	34.1		26.3	39.5	

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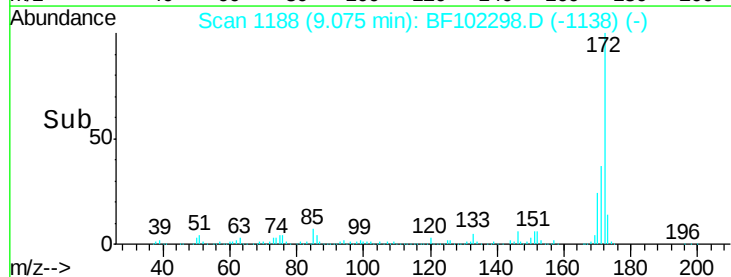
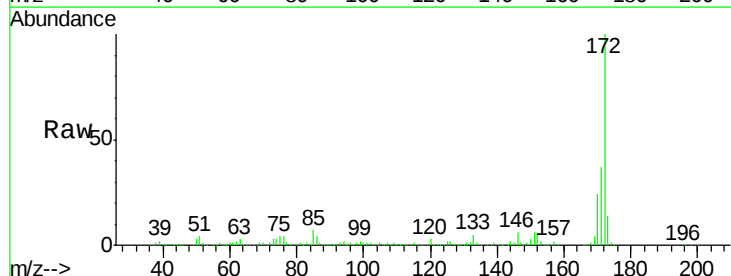
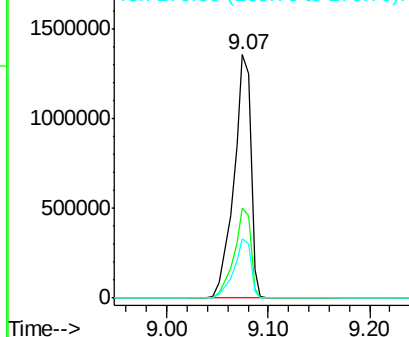
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

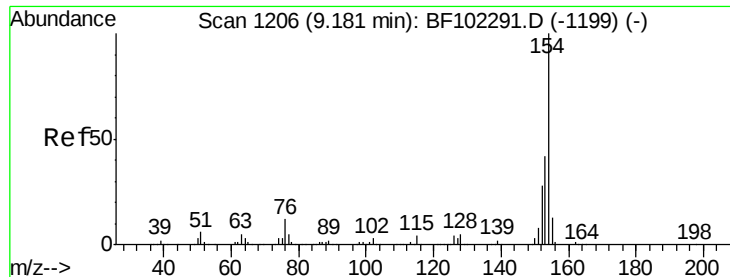


#44
 2-Fluorobiphenyl
 Concen: 85.305 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1573122		
171	36.9		29.7	44.5	
170	24.1		19.6	29.4	

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





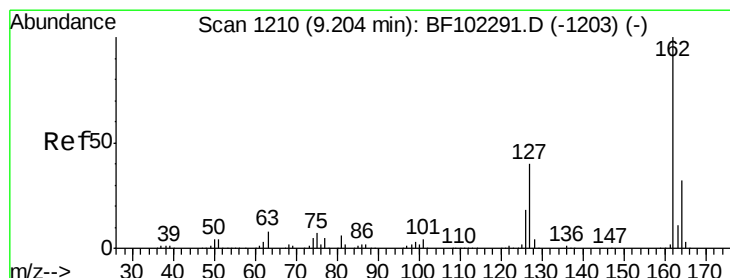
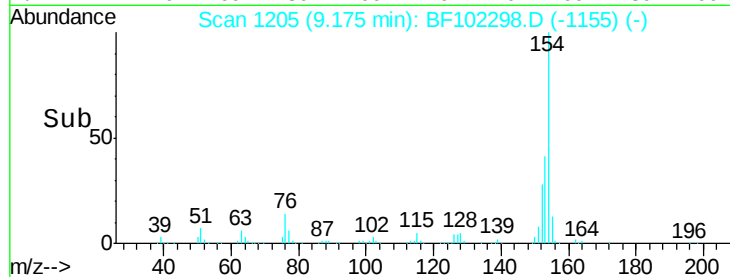
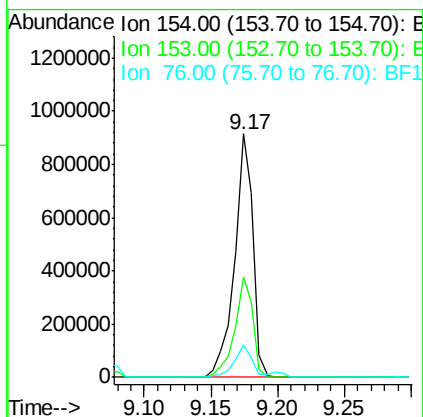
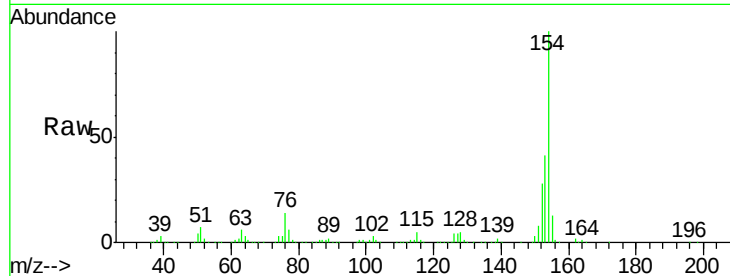
#45
 1,1'-Biphenyl
 Concen: 36.436 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.6	0.0	34.0

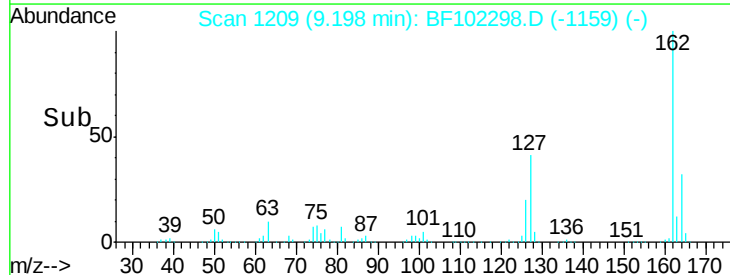
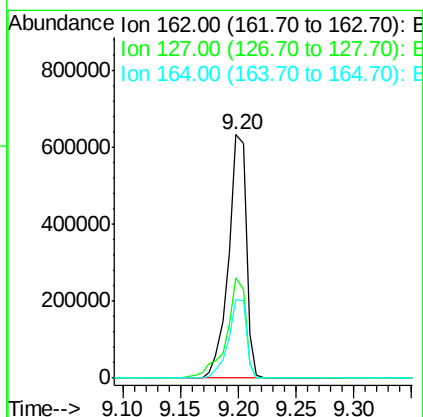
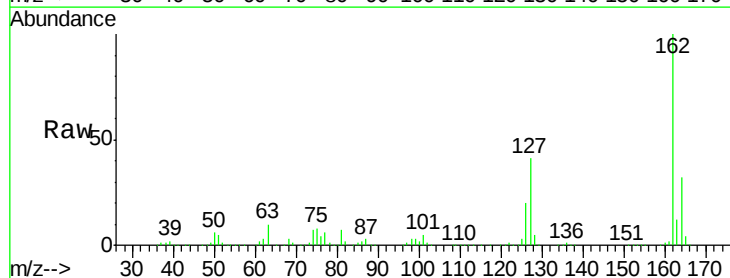
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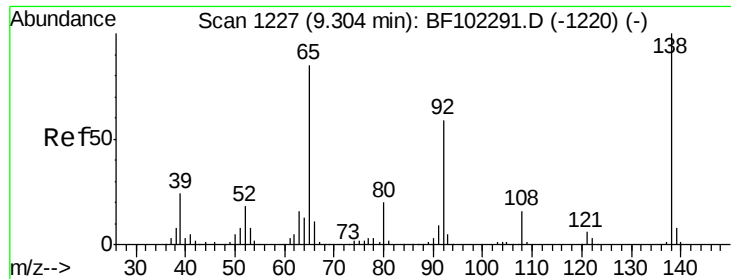
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#46
 2-Chloronaphthalene
 Concen: 36.119 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	32.4	26.5	39.7





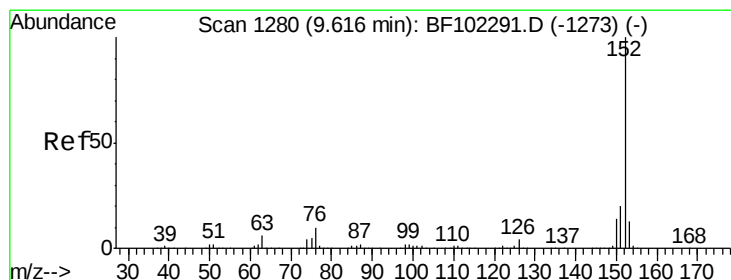
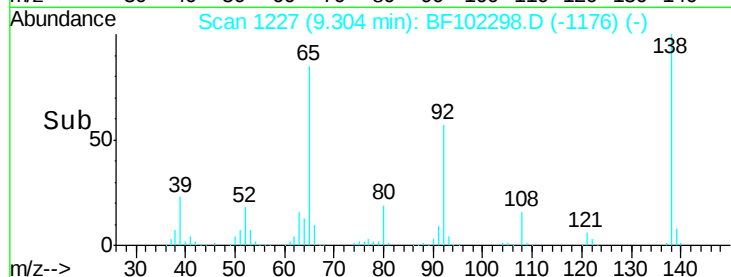
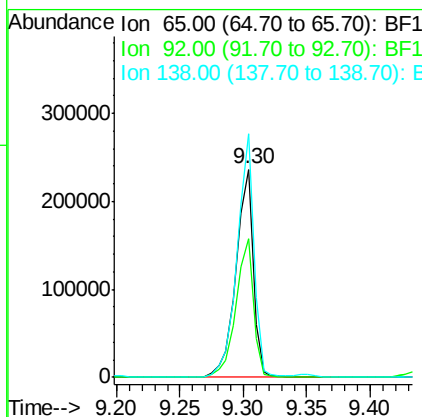
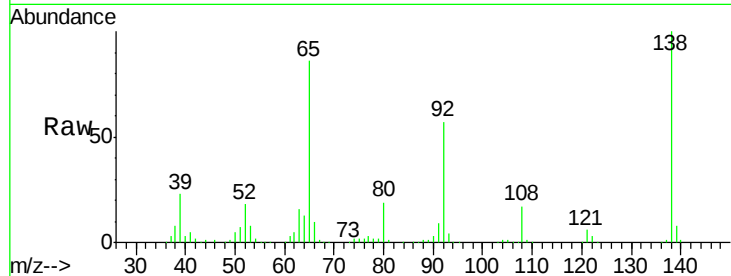
#47
2-Nitroaniline
Concen: 38.029 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	55.8	83.6
138	116.9	91.2	136.8

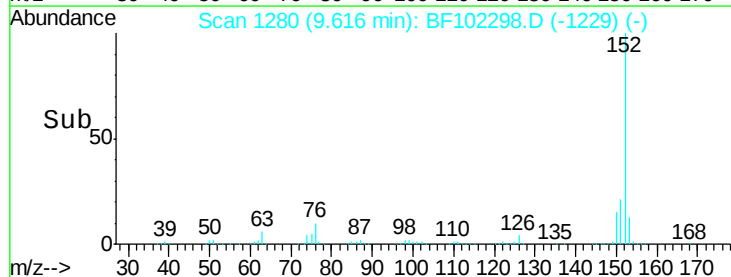
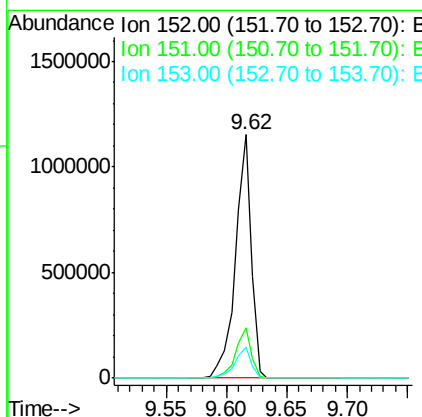
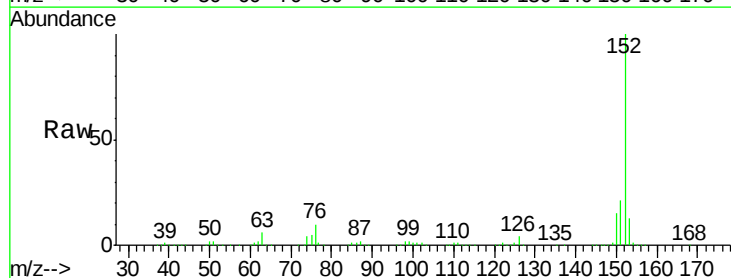
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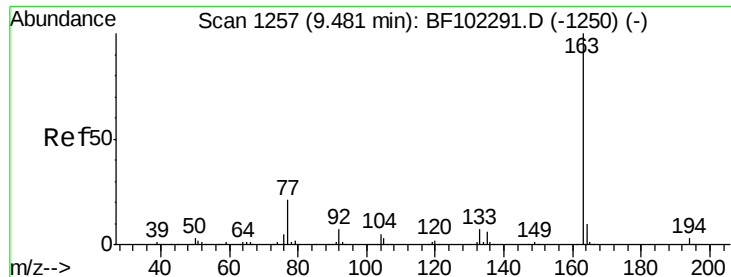
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#48
Acenaphthylene
Concen: 35.753 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.0	10.7	16.1





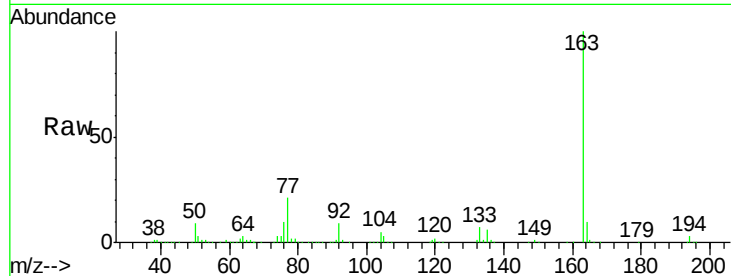
#49
Dimethylphthalate
Concen: 36.727 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampled :
PB105837BS

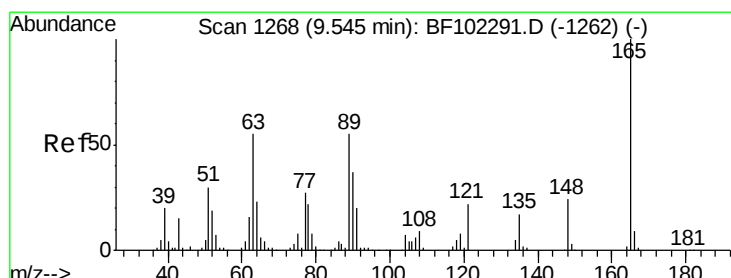
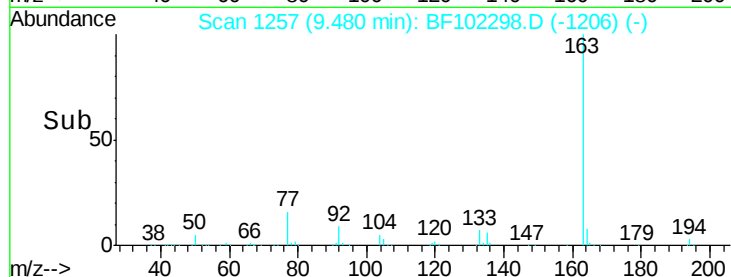
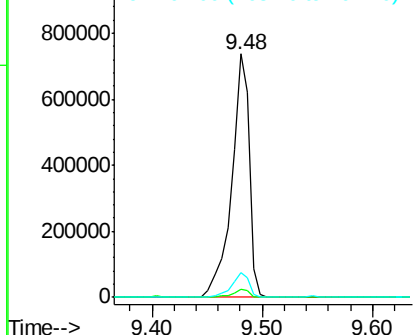
Tot Ion	Ratio	Resp	Lower	Upper
163	100	823126		
194	3.4		2.7	4.1
164	10.2		8.2	12.2

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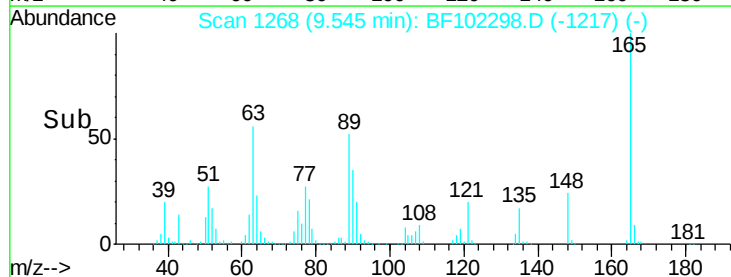
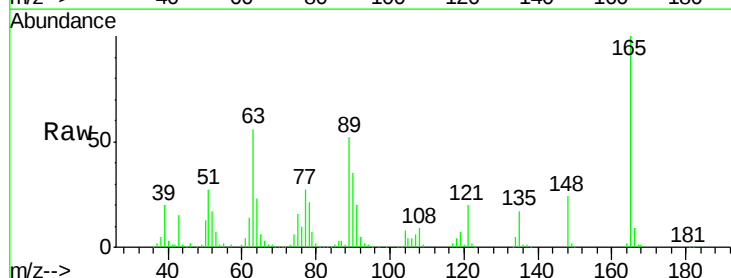
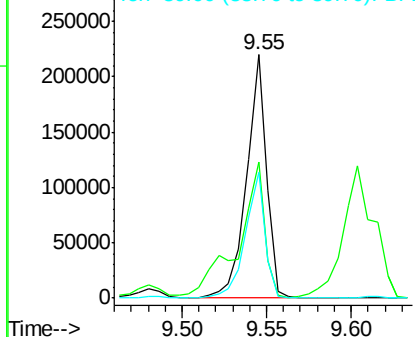
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

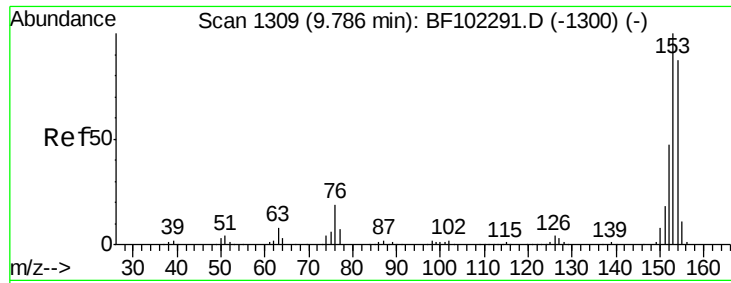


#50
2,6-Dinitrotoluene
Concen: 37.892 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183099		
63	55.7		44.7	67.1
89	51.7		44.0	66.0

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





#51

Acenaphthene

Concen: 36.033 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

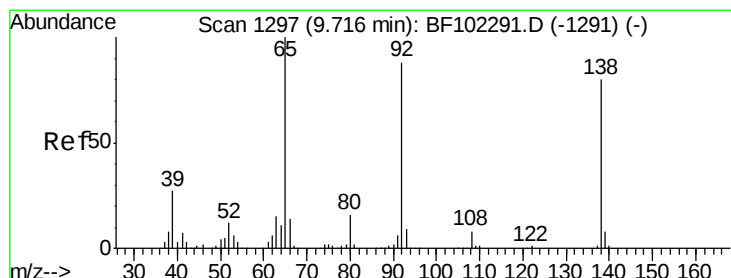
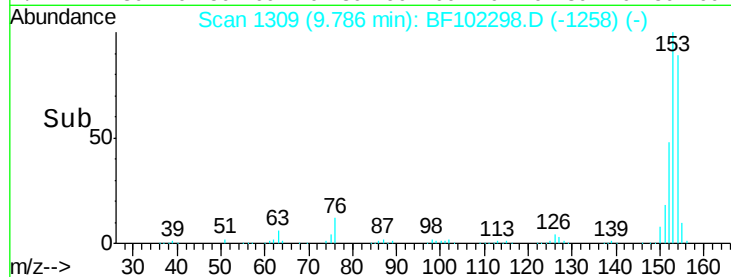
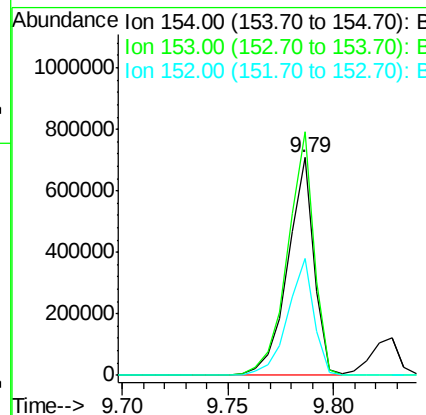
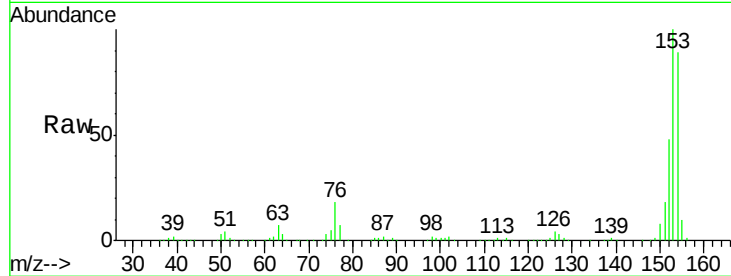
ClientSampled :

PB105837BS

Tot Ion:	154	Resp:	617862
Ion Ratio	Lower	Upper	
154	100		
153	111.9	91.2	136.8
152	53.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 13.349 ng

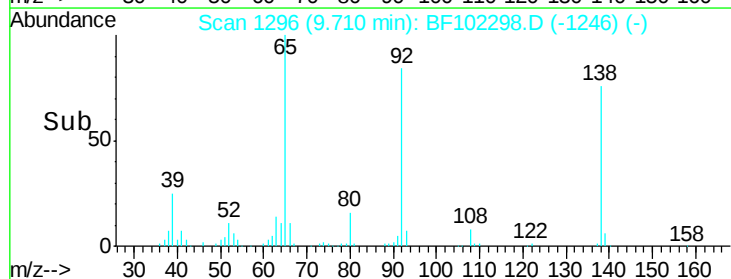
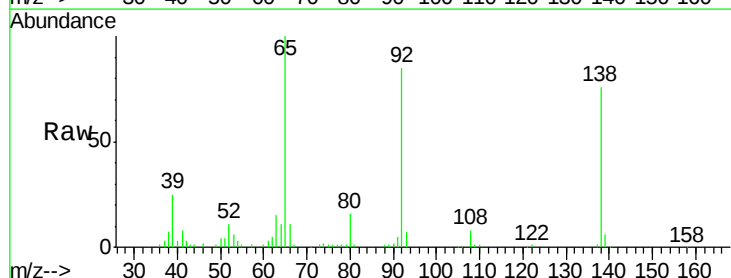
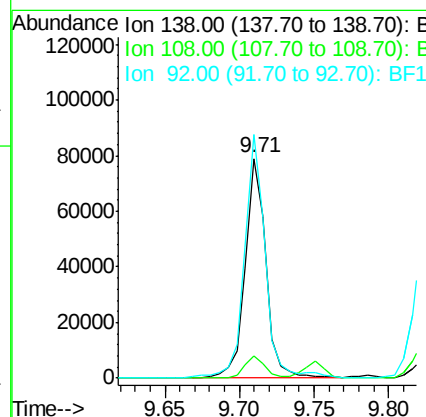
RT: 9.71 min Scan# 1296

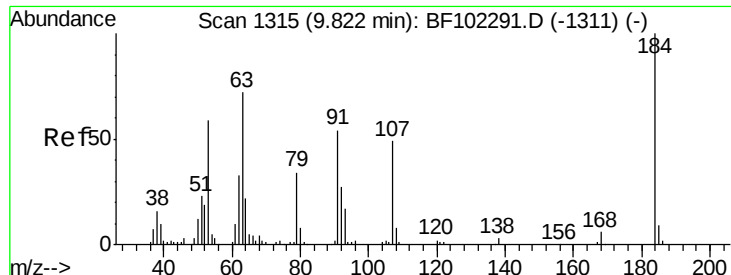
Delta R.T. -0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:	138	Resp:	76306
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	110.9	89.4	134.2





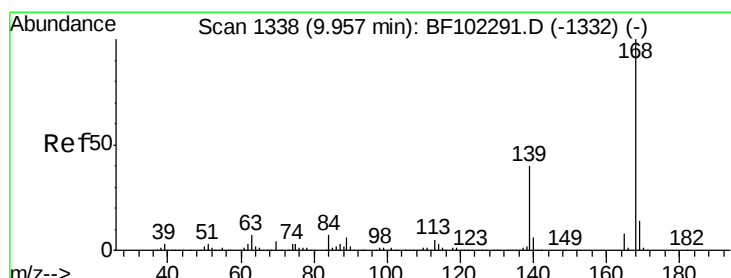
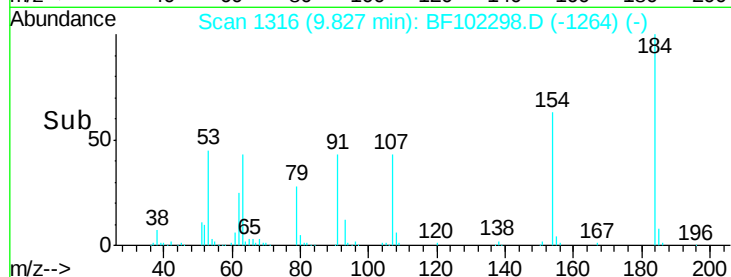
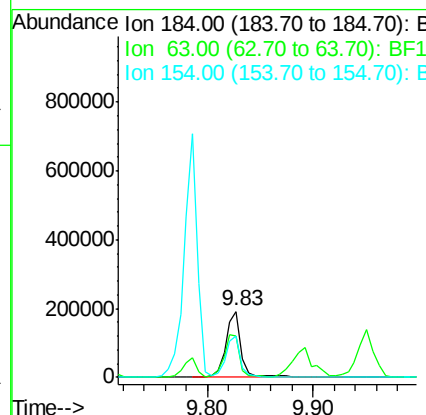
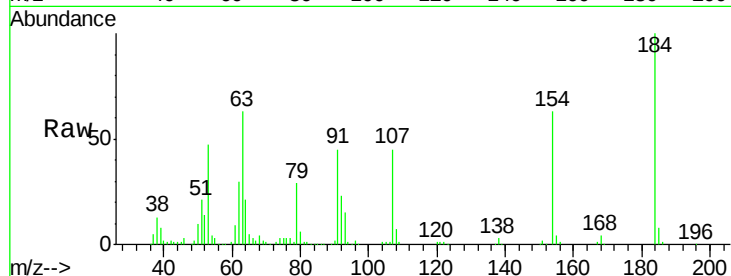
#53
2,4-Dinitrophenol
Concen: 89.454 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampled :
PB105837BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	194933		
63	63.1	54.2	81.2	
154	63.3	184.0	276.0	

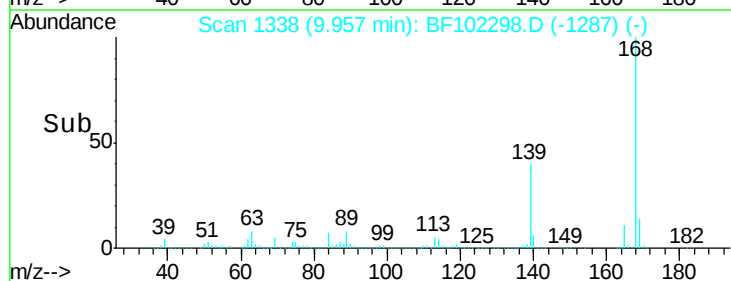
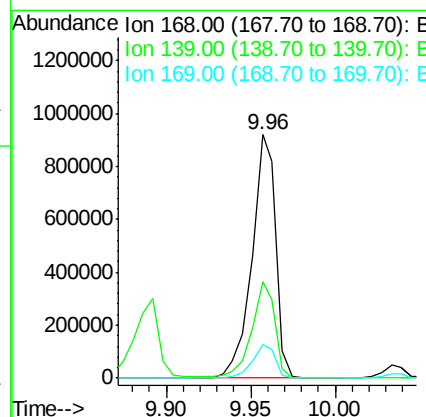
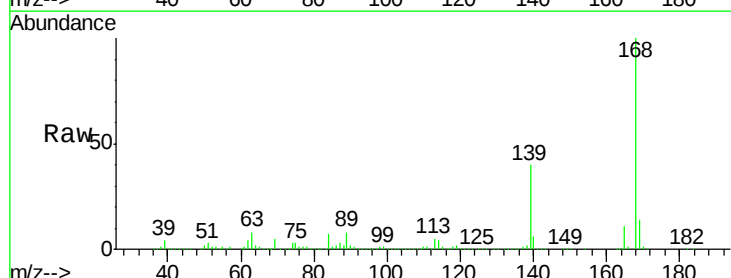
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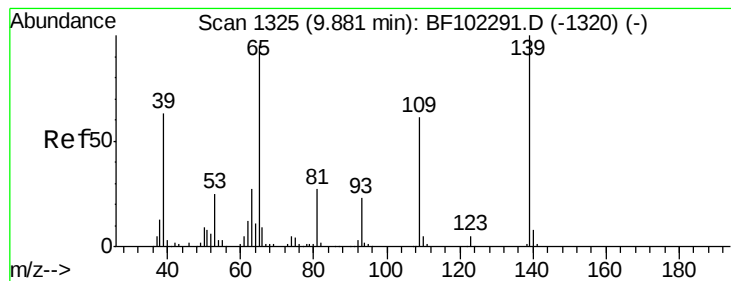
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#54
Dibenzofuran
Concen: 39.019 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	905490		
139	39.7	30.1	45.1	
169	13.9	10.9	16.3	





#55

4-Nitrophenol

Concen: 81.533 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

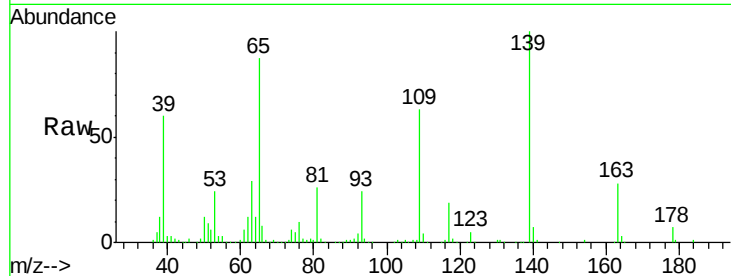
ClientSampled :

PB105837BS

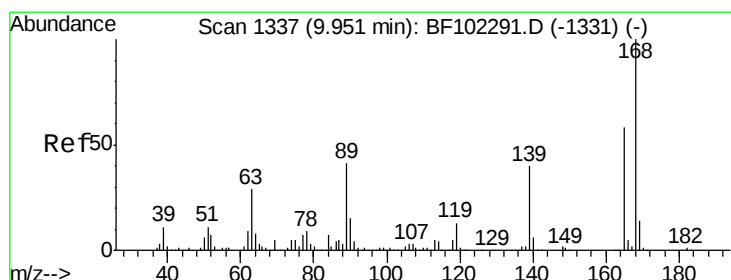
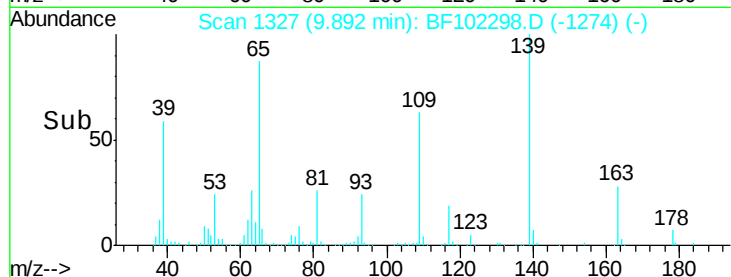
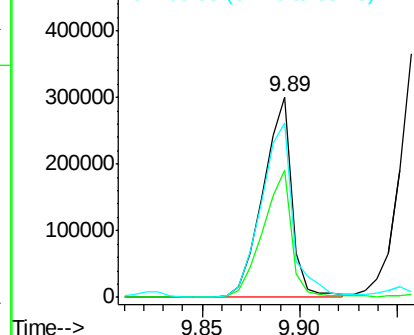
Tot Ion:	139	Resp:	307652
Ion Ratio	Lower	Upper	
139	100		
109	63.2	48.4	88.4
65	87.4	72.6	112.6

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 39.417 ng

RT: 9.95 min Scan# 1337

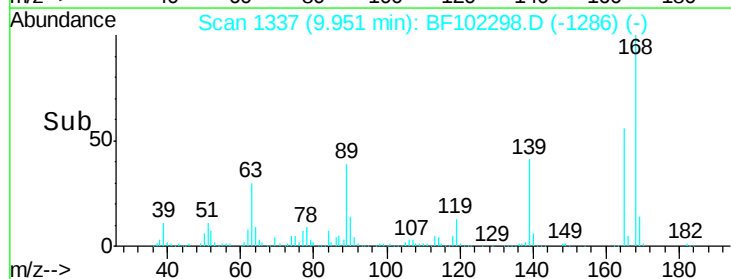
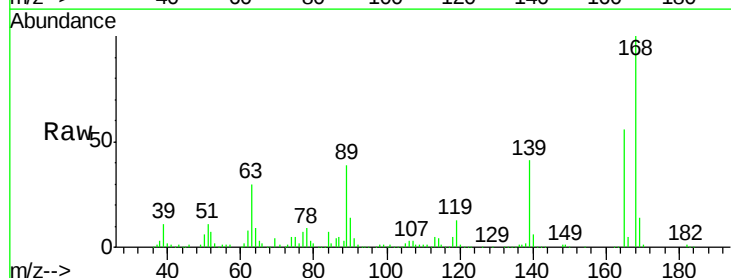
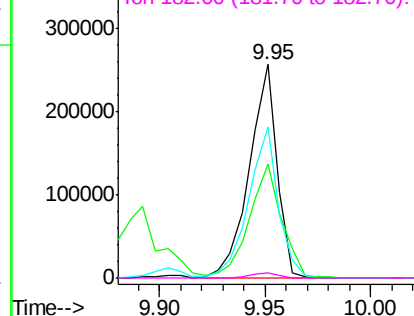
Delta R.T. -0.00 min

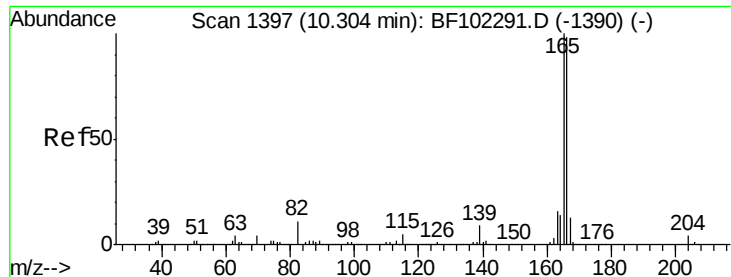
Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:	165	Resp:	234222
Ion Ratio	Lower	Upper	
165	100		
63	53.4	36.4	54.6
89	70.6	57.8	86.6
182	2.3	1.6	2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.411 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

ClientSampleId :

PB105837BS

Tot Ion:166 Resp: 706338

Ion Ratio Lower Upper

166 100

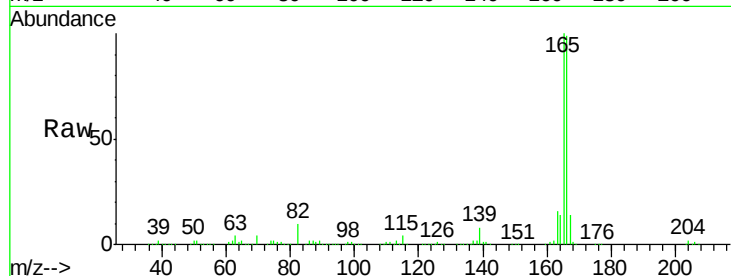
165 100.8 79.8 119.8

167 13.7 10.6 16.0

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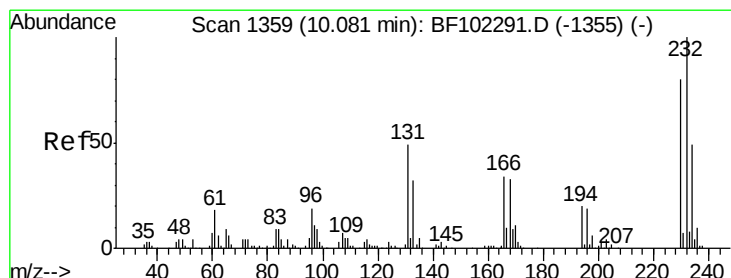
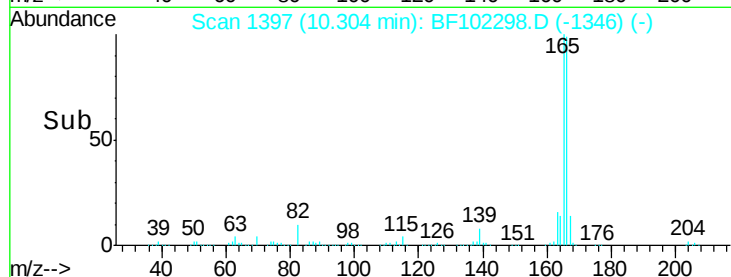
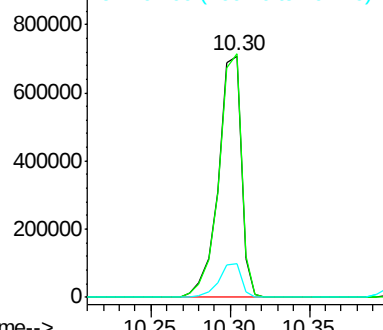
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.439 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:232 Resp: 181925

Ion Ratio Lower Upper

232 100

131 55.0 43.8 65.8

130 2.4 2.1 3.1

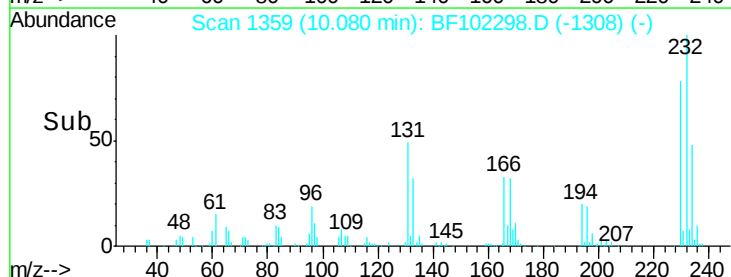
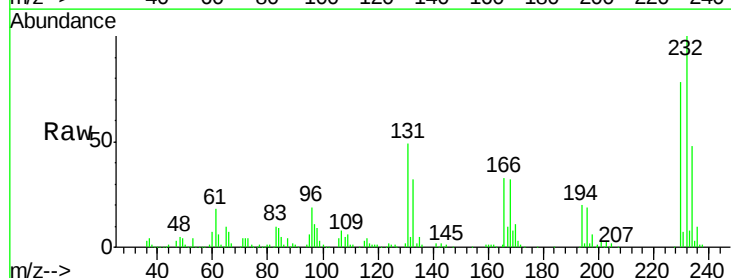
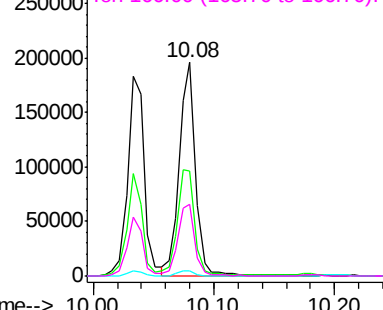
166 35.4 27.8 41.6

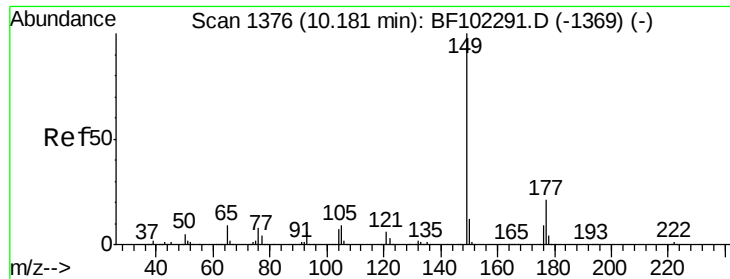
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





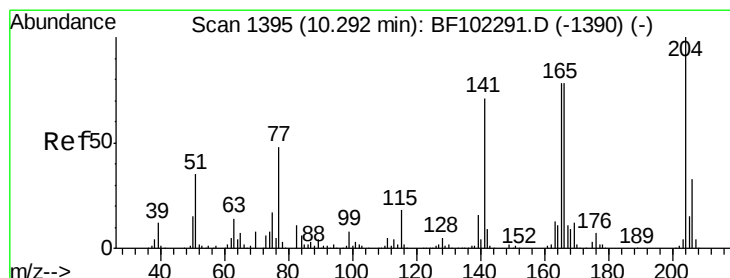
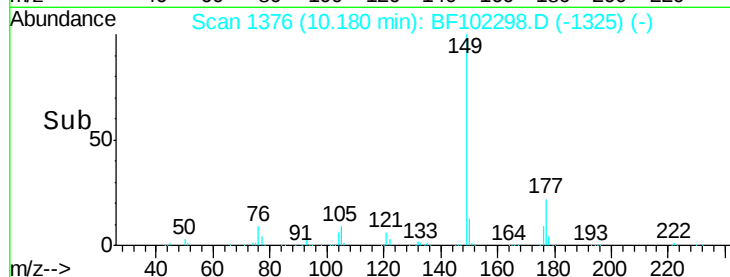
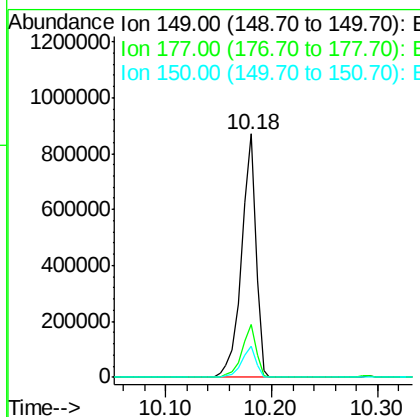
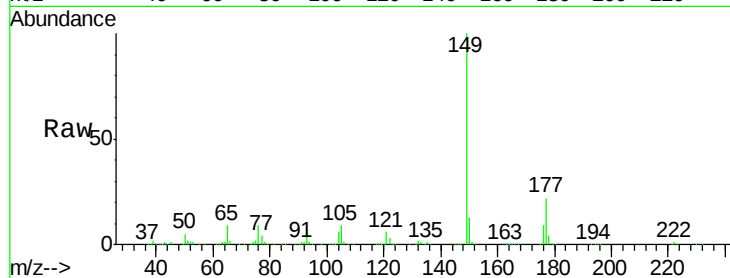
#59
Diethylphthalate
Concen: 37.218 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampled :
PB105837BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.6	10.1	15.1

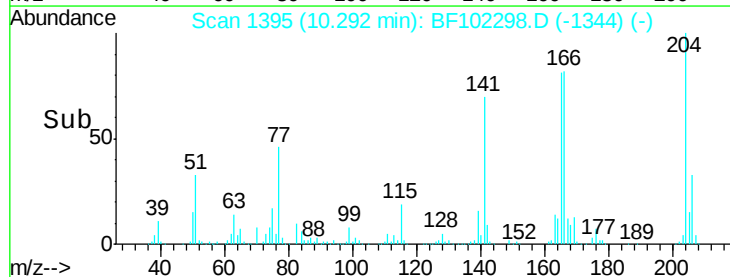
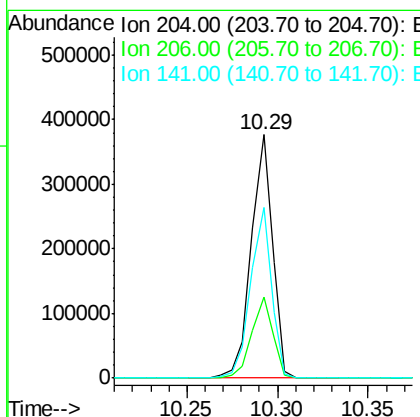
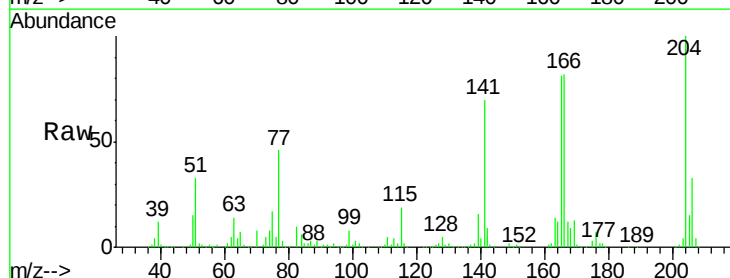
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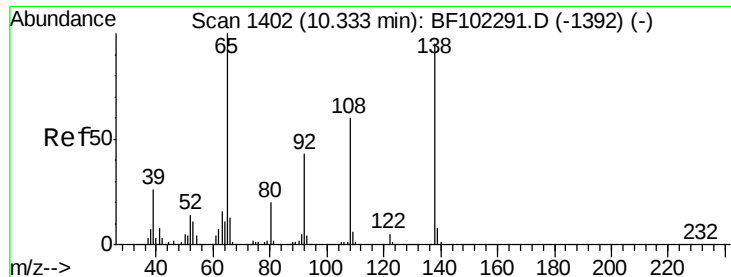
Sohil
1/23/2018 12:46:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.852 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	70.2	54.6	81.8





#61

4-Nitroaniline

Concen: 35.044 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

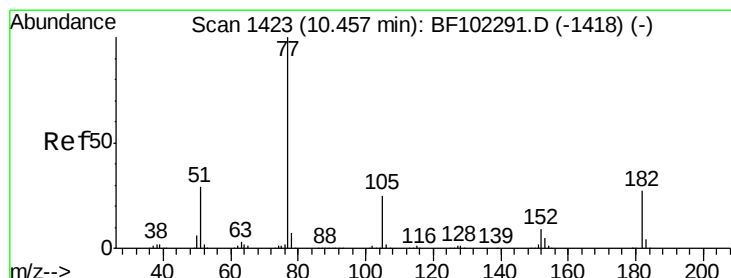
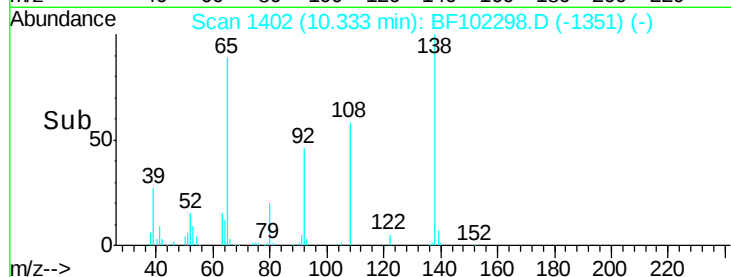
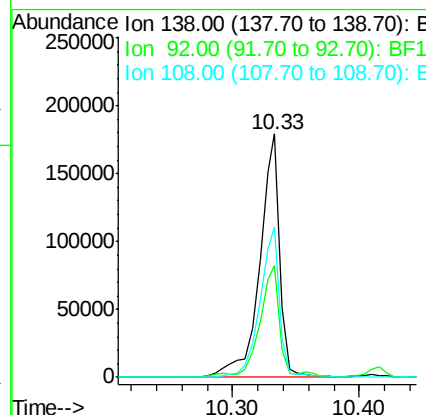
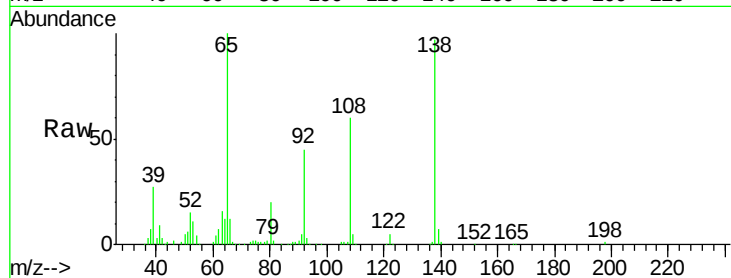
ClientSampleId :

PB105837BS

Tot Ion:	138	Resp:	199892
Ion Ratio	Lower	Upper	
138	100		
92	45.8	30.2	70.2
108	61.8	52.5	92.5

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#62

Azobenzene

Concen: 38.242 ng

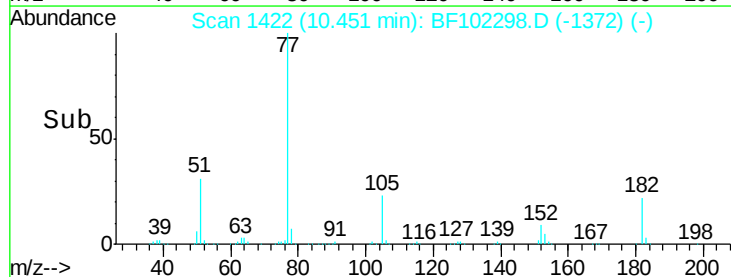
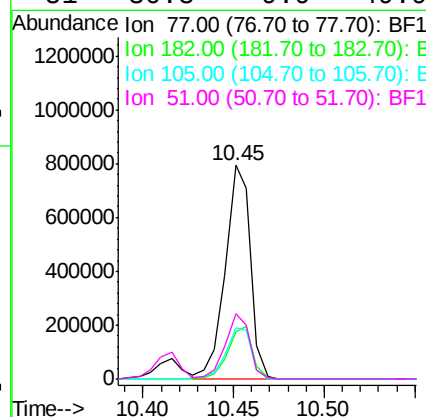
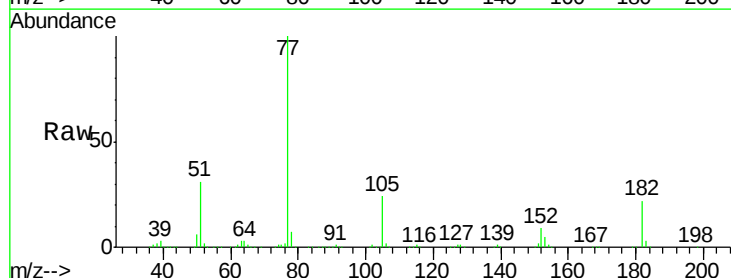
RT: 10.45 min Scan# 1422

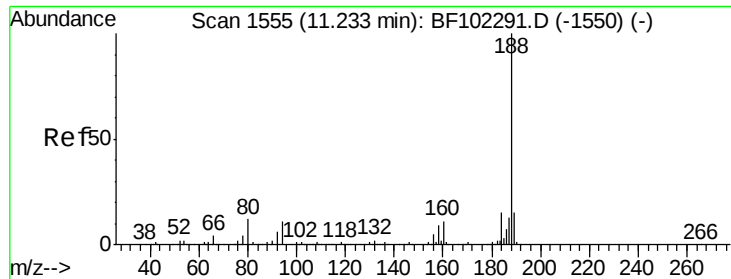
Delta R.T. -0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:	77	Resp:	762554
Ion Ratio	Lower	Upper	
77	100		
182	22.3	1.7	41.7
105	23.9	3.0	43.0
51	30.8	9.9	49.9





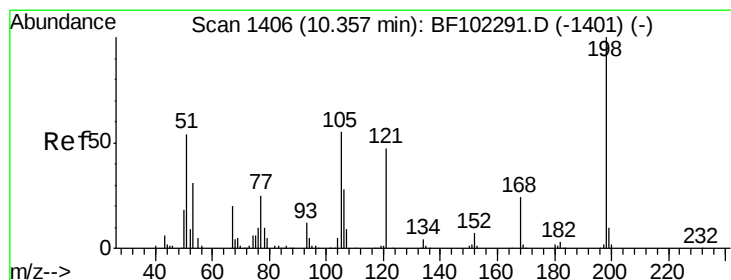
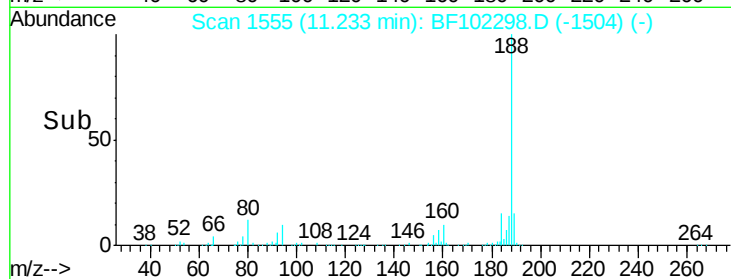
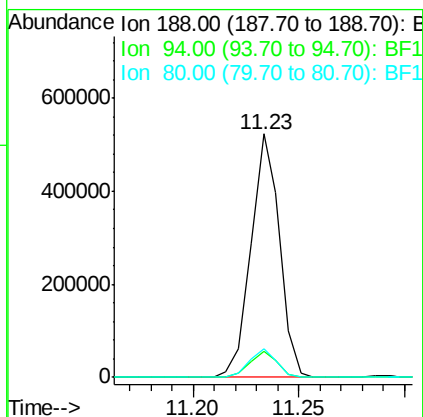
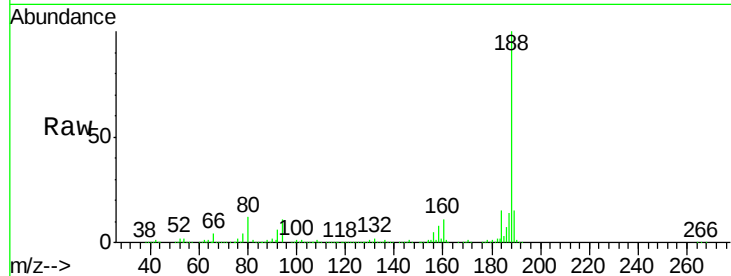
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	492024		
94	10.9		8.5	12.7
80	11.7		9.2	13.8

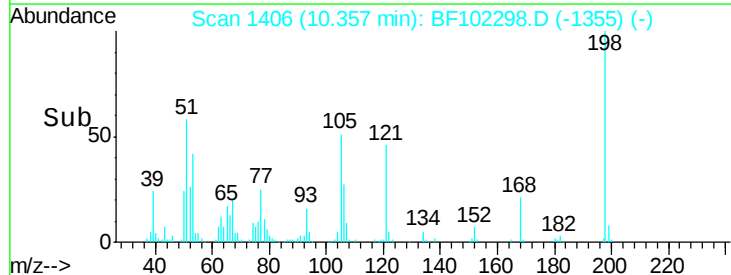
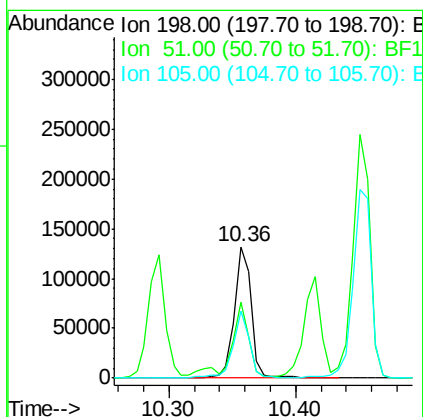
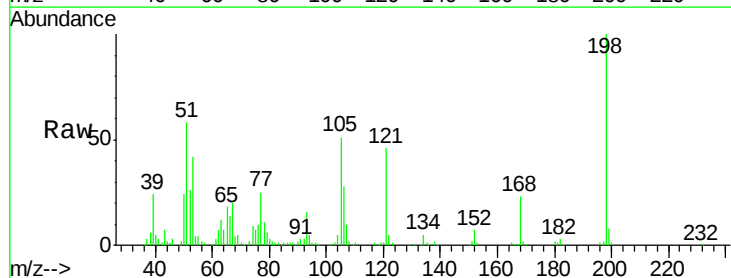
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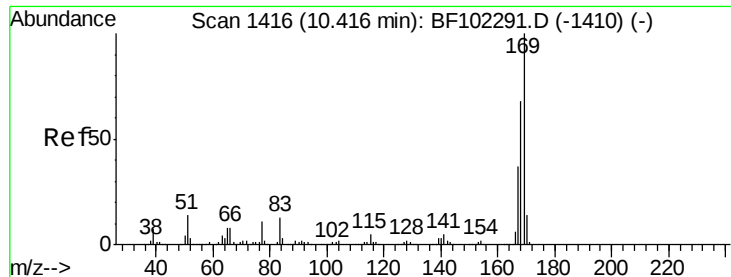
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.511 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	119850		
51	58.1		37.7	77.7
105	50.9		36.3	76.3





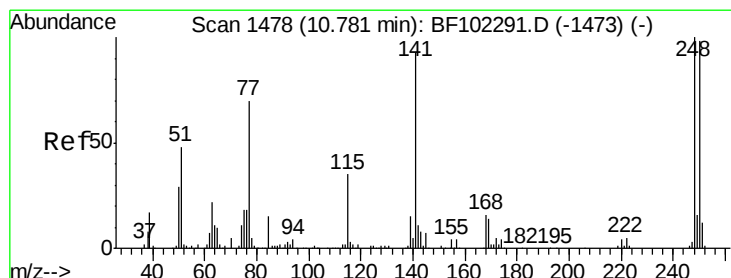
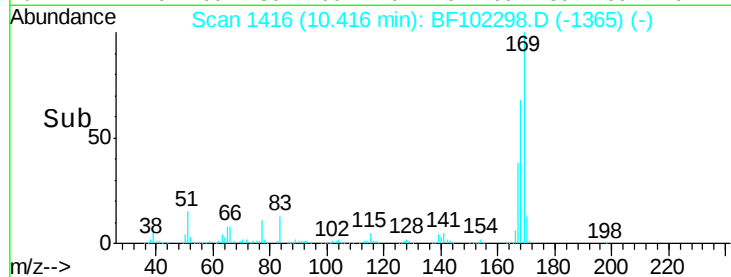
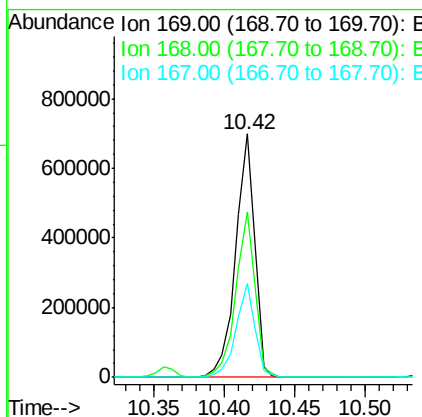
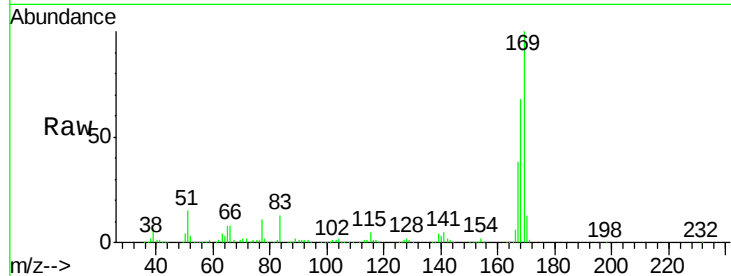
#65
n-Nitrosodiphenylamine
Concen: 36.385 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	38.3	29.8	44.6

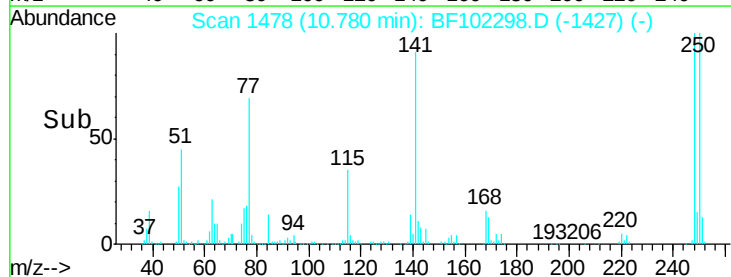
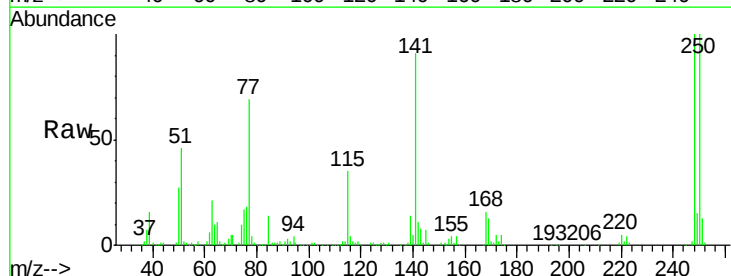
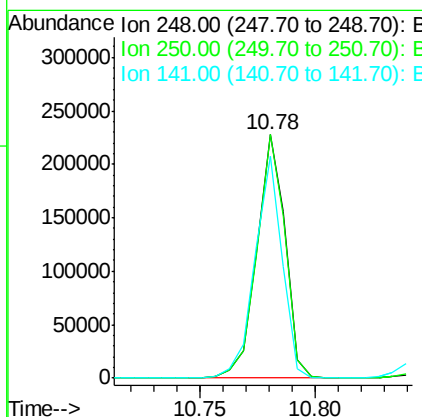
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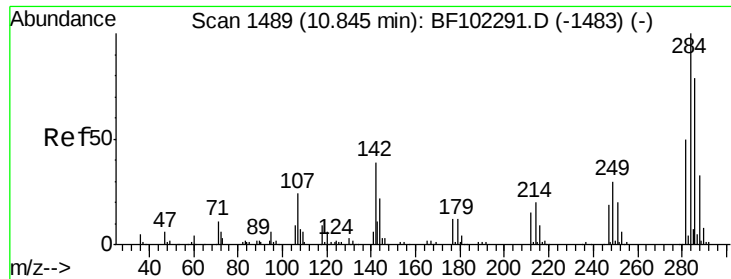
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#66
4-Bromophenyl-phenylether
Concen: 36.817 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.9	115.3
141	91.3	74.4	111.6





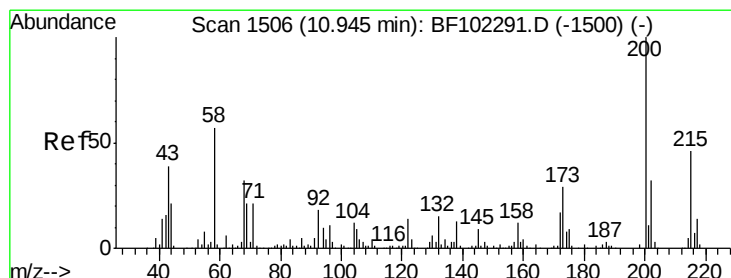
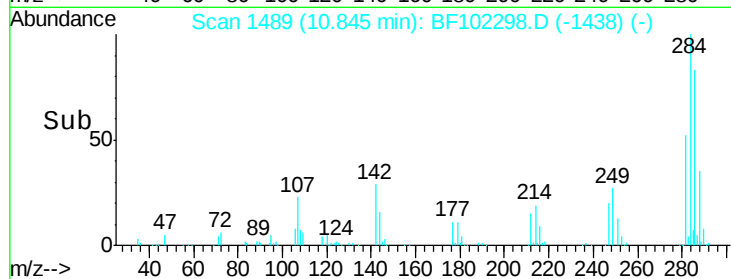
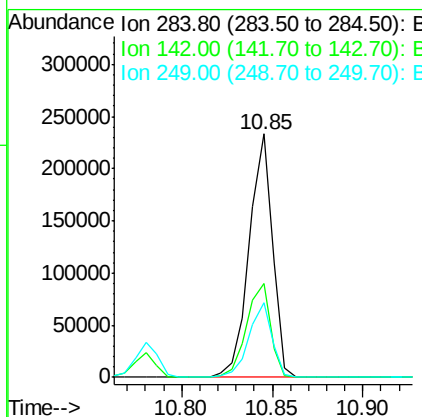
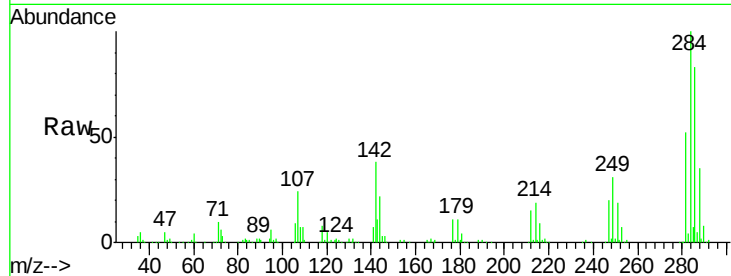
#67
Hexachlorobenzene
Concen: 35.342 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	209351		
142	38.4		34.6	52.0
249	30.6		24.8	37.2

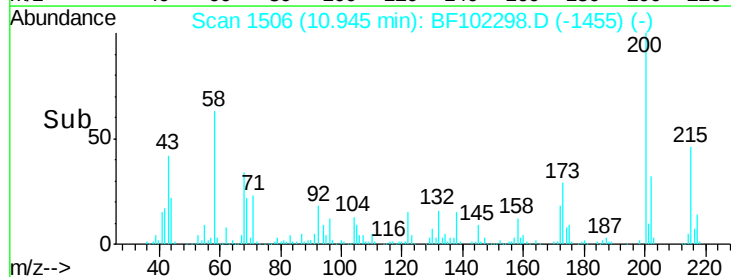
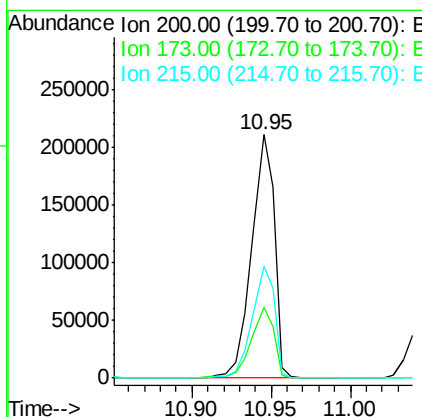
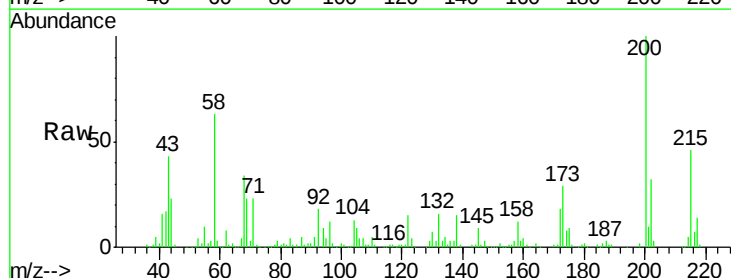
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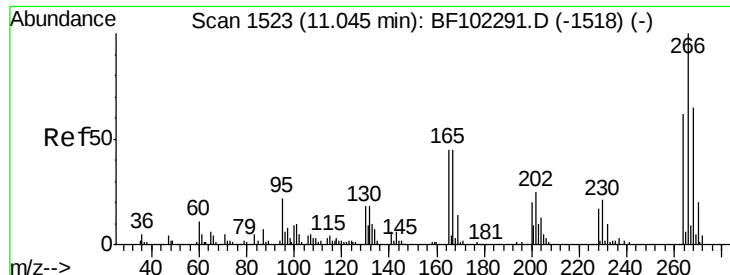
Sohil
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#68
Atrazine
Concen: 39.524 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	210809		
173	28.9		8.6	48.6
215	45.7		25.1	65.1





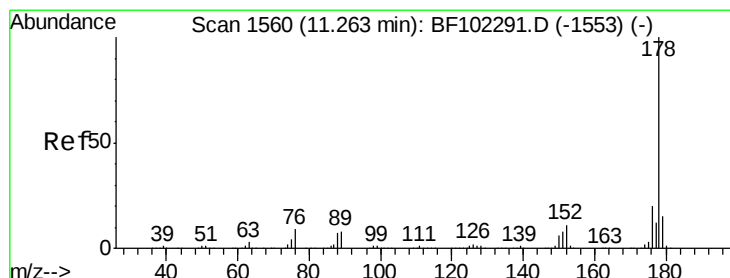
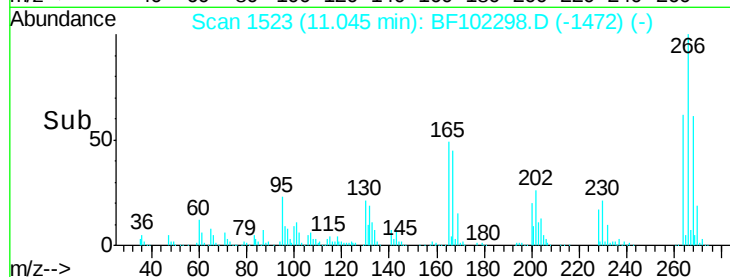
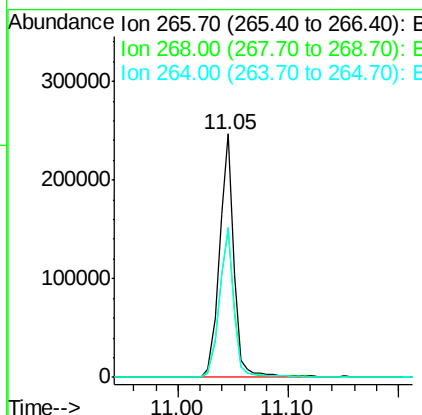
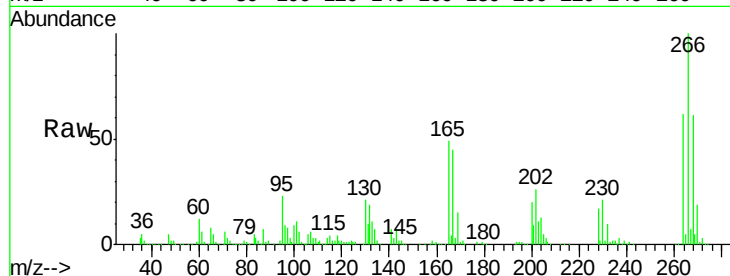
#69
 Pentachlorophenol
 Concen: 72.338 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.1	76.7
264	61.6	49.5	74.3

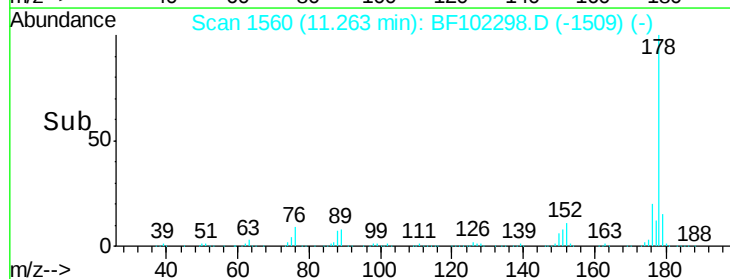
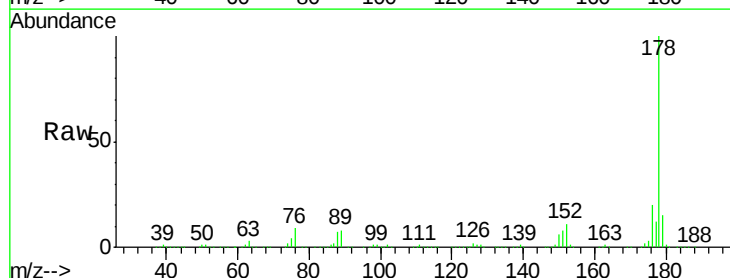
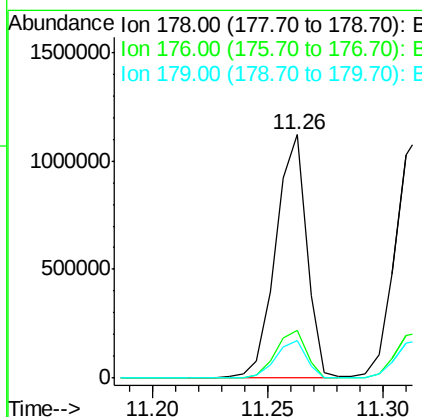
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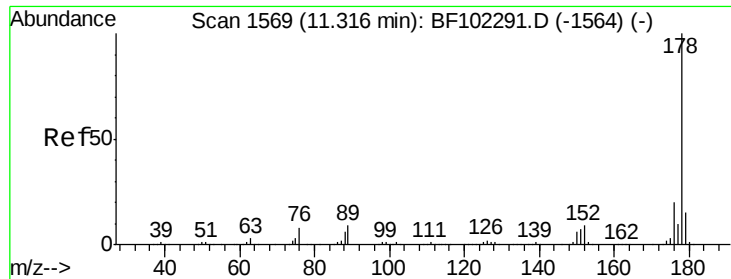
Sohil
 1/23/2018 12:46:35 PM



#70
 Phenanthrene
 Concen: 36.239 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.2	13.0	19.6





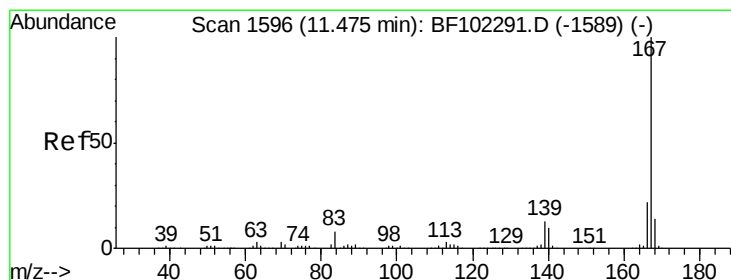
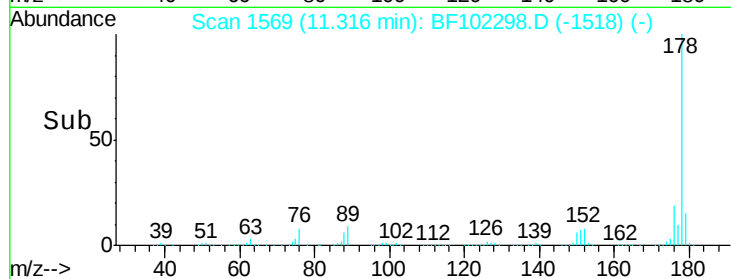
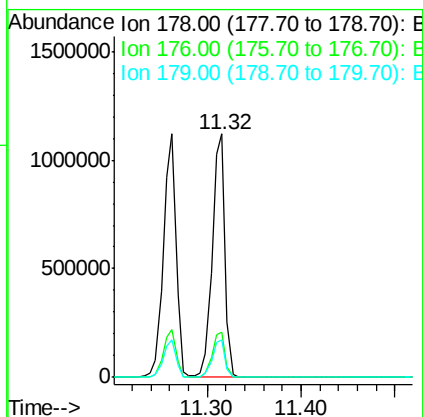
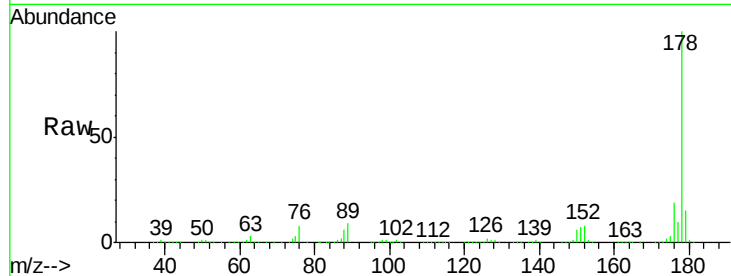
#71
 Anthracene
 Concen: 36.789 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Instrument :
 BNA_F
 ClientSampled :
 PB105837BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.2	12.6	19.0

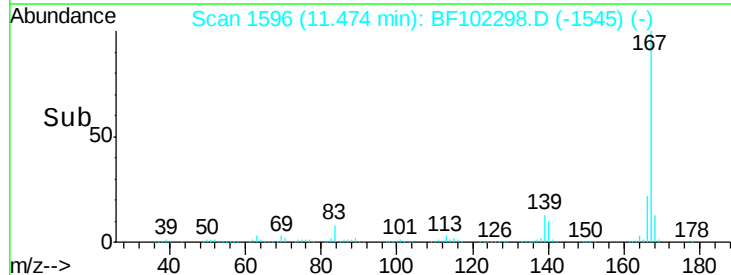
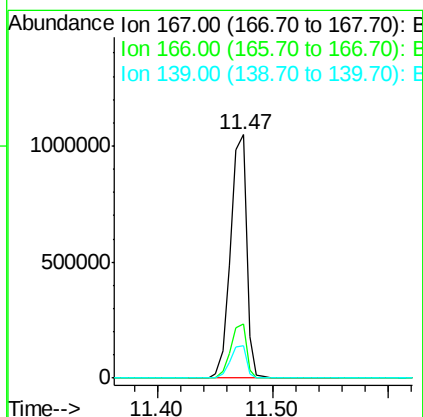
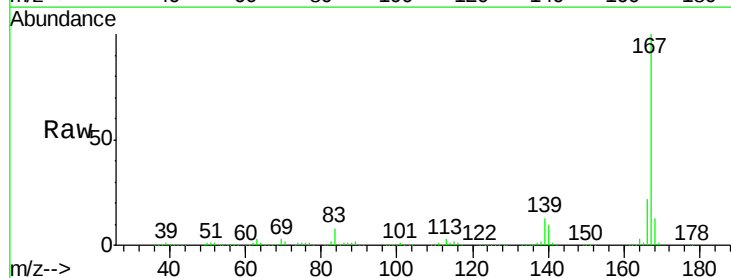
Manual Integrations
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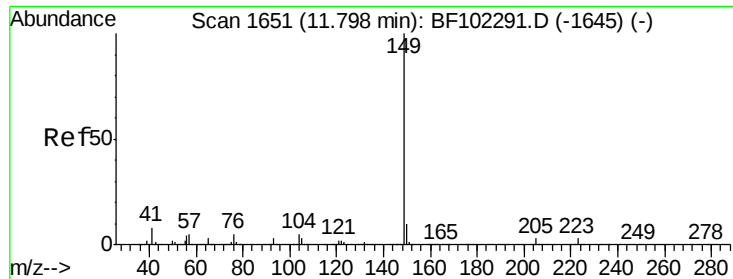
Sohil
 1/23/2018 12:46:35 PM



#72
 Carbazole
 Concen: 35.554 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.562 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

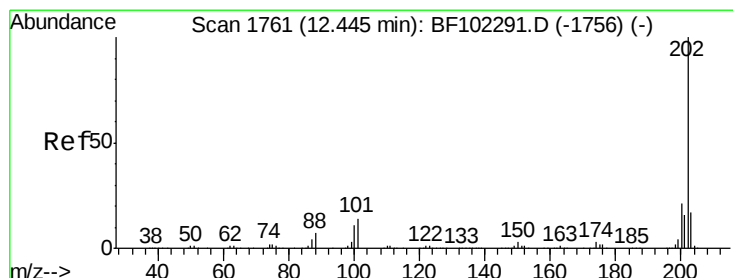
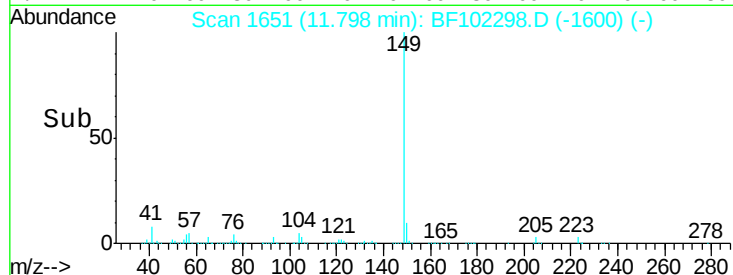
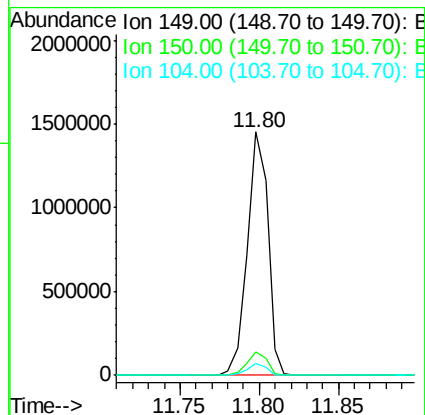
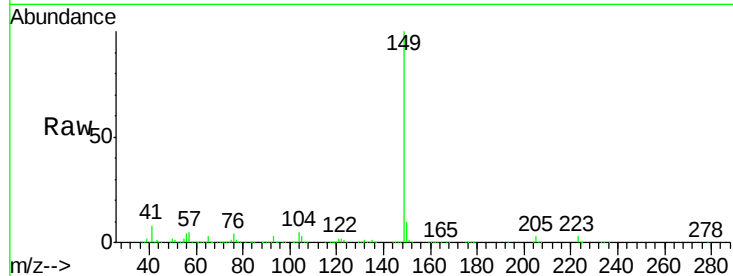
ClientSampleId :

PB105837BS

Tot Ion:	149	Resp:	1304795
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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1/23/2018 12:46:35 PM



#74

Fluoranthene

Concen: 37.009 ng

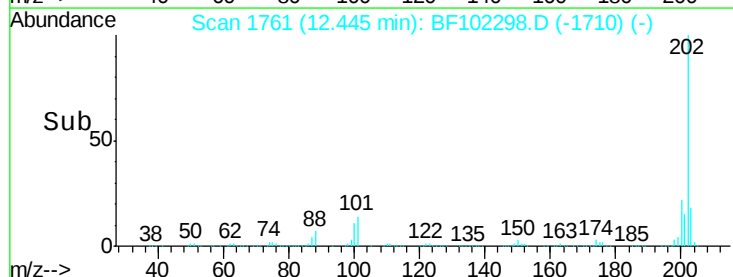
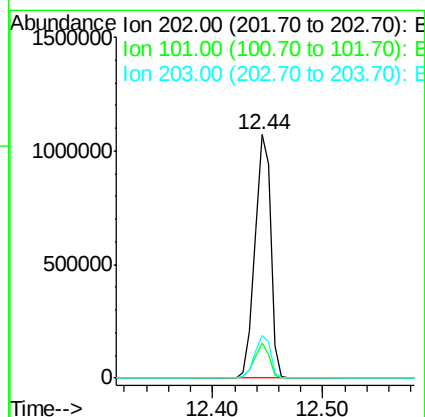
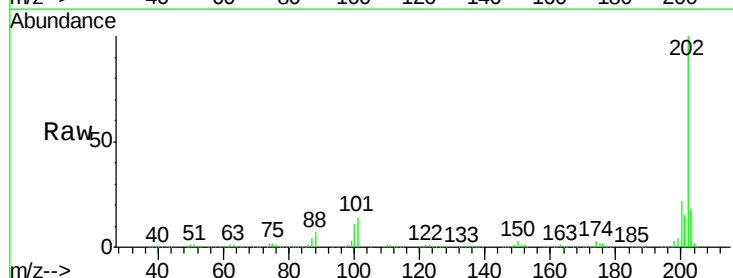
RT: 12.44 min Scan# 1761

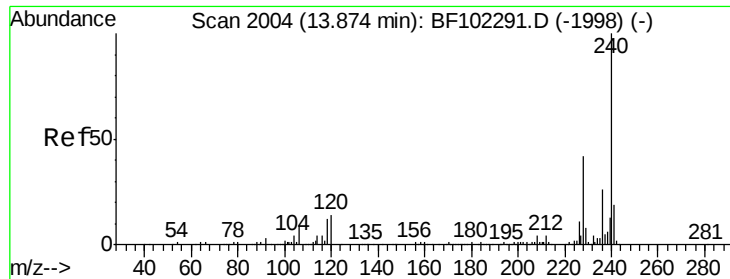
Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion:	202	Resp:	1082048
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

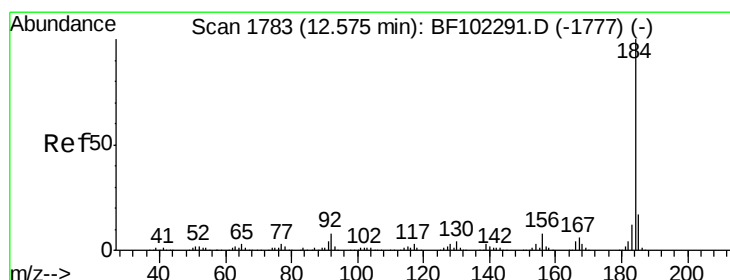
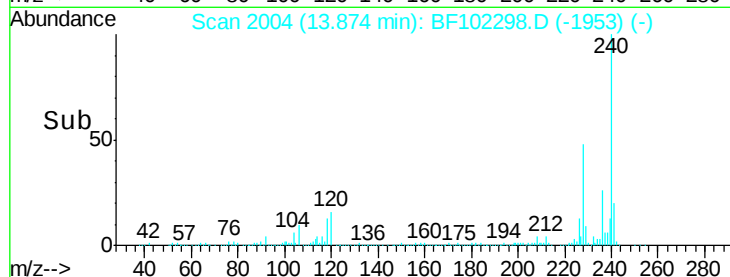
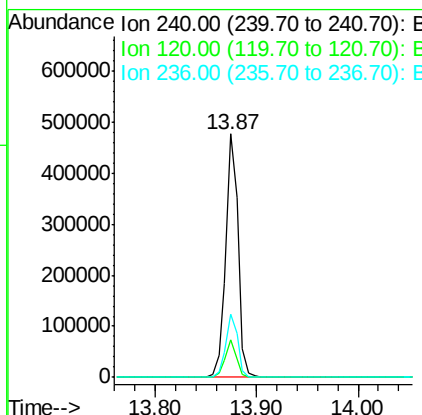
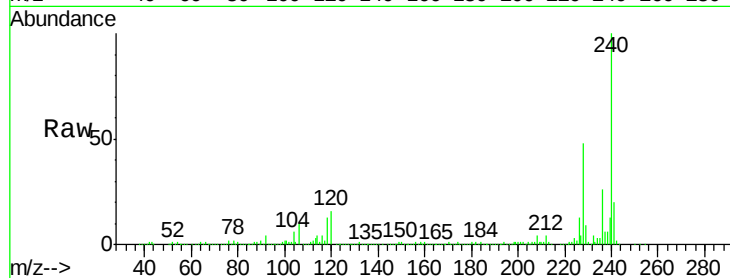
ClientSampleId :

PB105837BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 31.864 ng

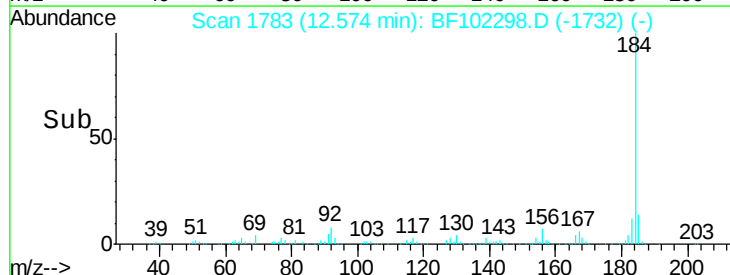
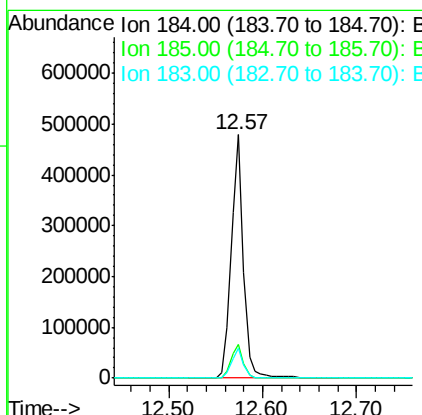
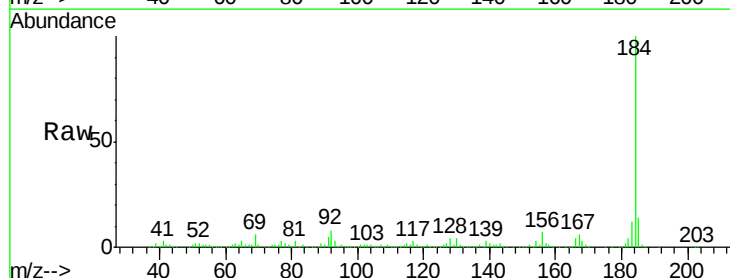
RT: 12.57 min Scan# 1783

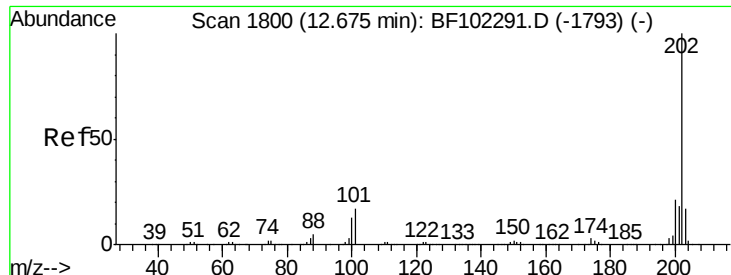
Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	12.1	9.3	13.9





#77

Pvrene

Concen: 35.576 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

ClientSampleId :

PB105837BS

Tot Ion:202 Resp: 1105465

Ion Ratio Lower Upper

202 100

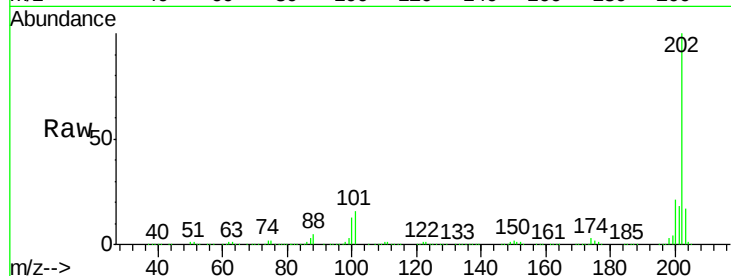
200 21.3 17.4 26.2

203 17.4 14.3 21.5

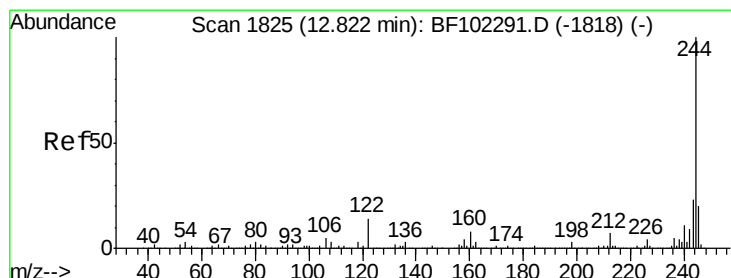
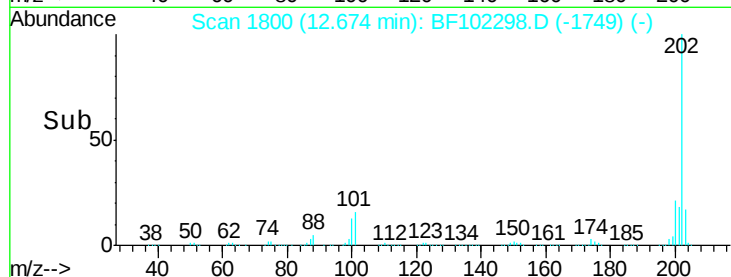
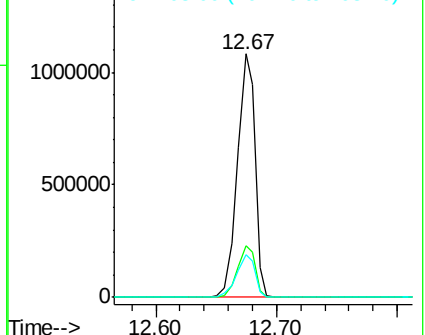
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.773 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

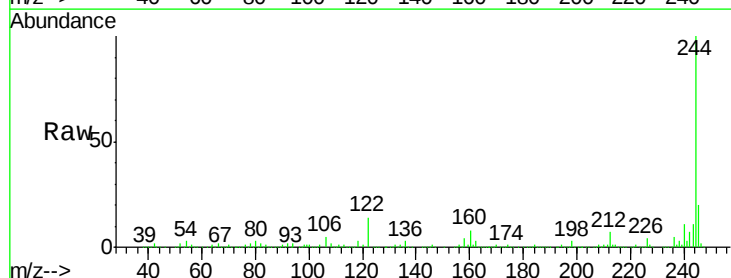
Tgt Ion:244 Resp: 1511313

Ion Ratio Lower Upper

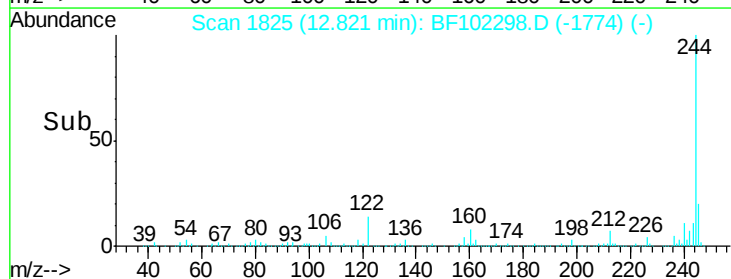
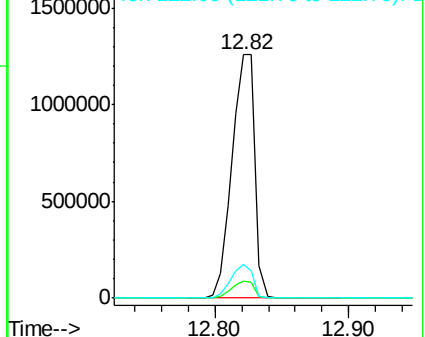
244 100

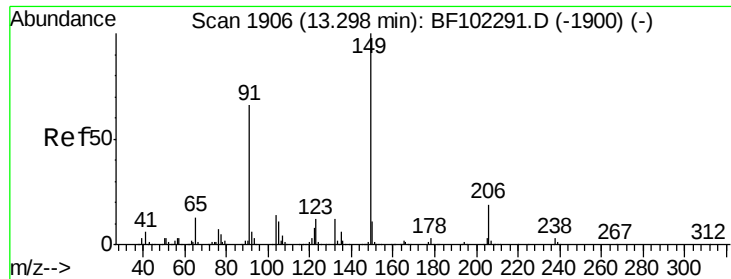
212 7.1 5.4 8.0

122 13.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





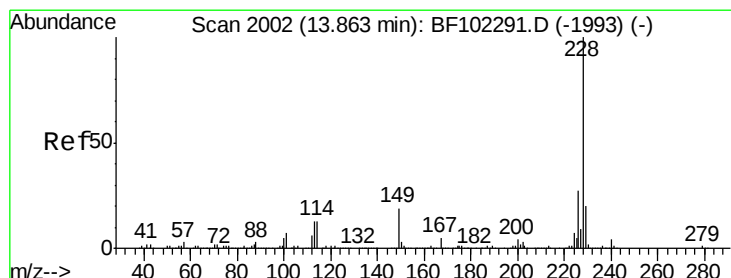
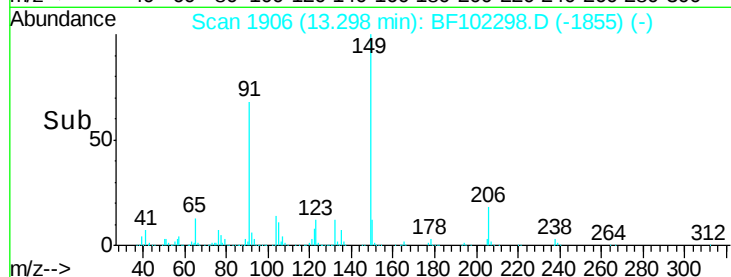
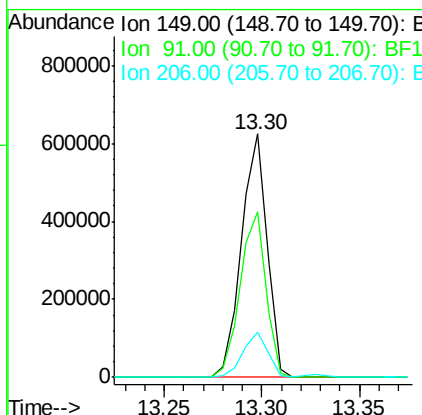
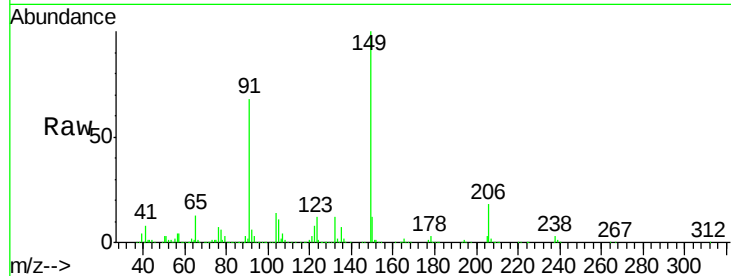
#79
Butylbenzylphthalate
Concen: 36.899 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.2	56.8	85.2
206	18.5	14.1	21.1

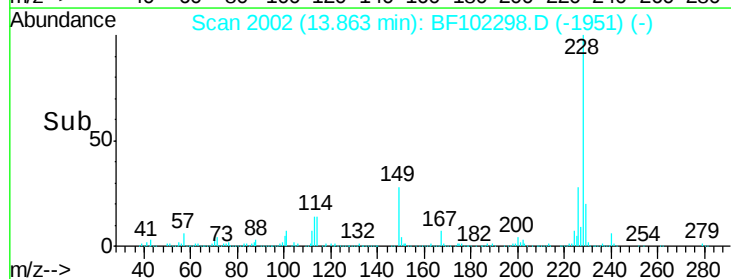
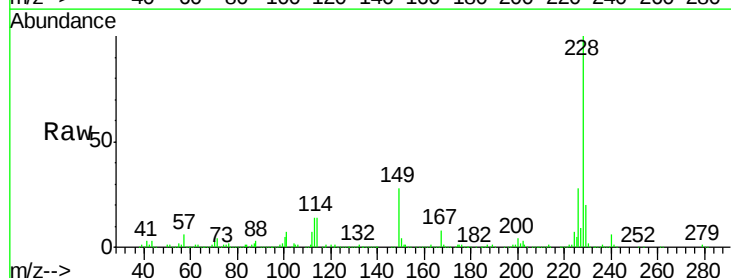
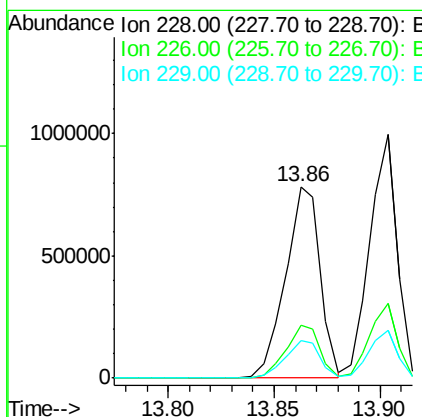
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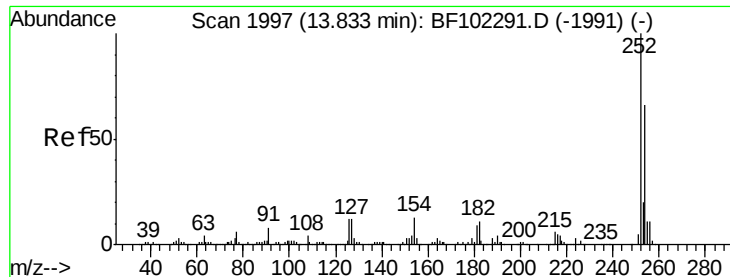
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#80
Benzo(a)anthracene
Concen: 36.117 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 17.785 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF102298.D

Acq: 22 Jan 2018 14:42

Instrument :

BNA_F

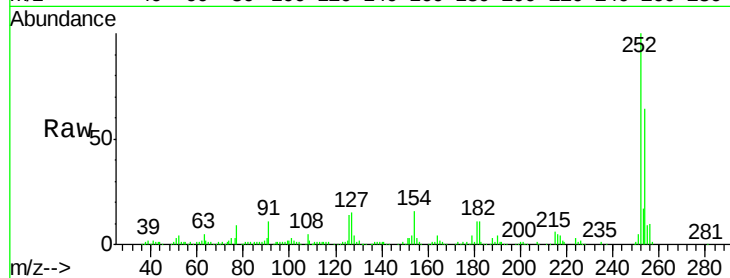
ClientSampled :

PB105837BS

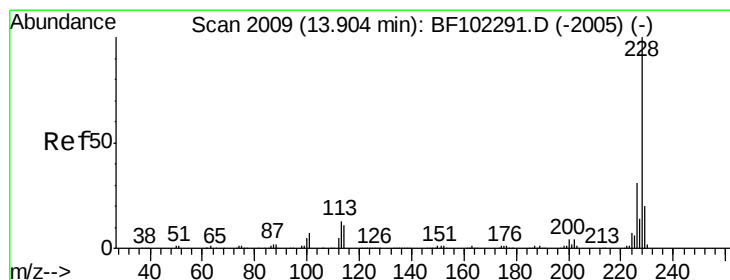
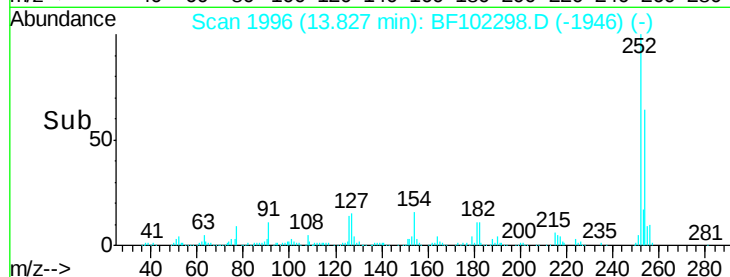
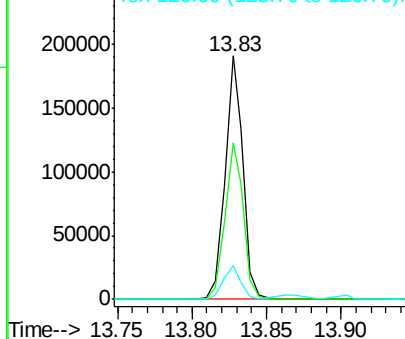
Tot Ion:	252	Resp:	161433
Ion Ratio		Lower	Upper
252	100		
254	64.2	50.4	75.6
126	13.9	11.3	16.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.226 ng

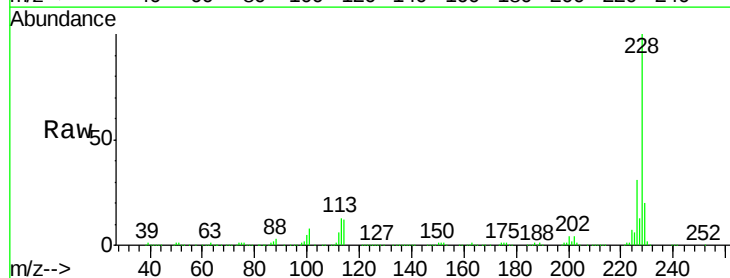
RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

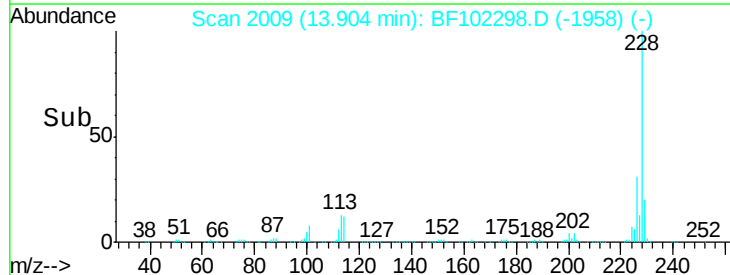
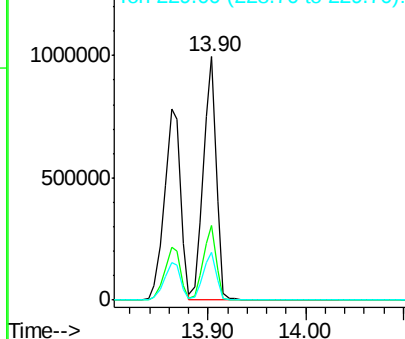
Lab File: BF102298.D

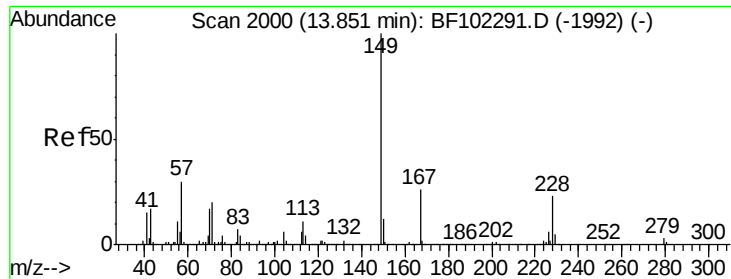
Acq: 22 Jan 2018 14:42

Tgt Ion:	228	Resp:	910257
Ion Ratio		Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.7	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





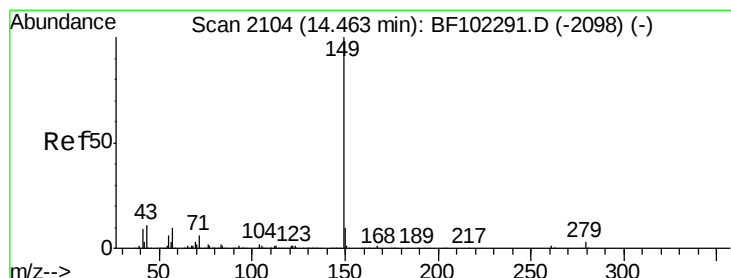
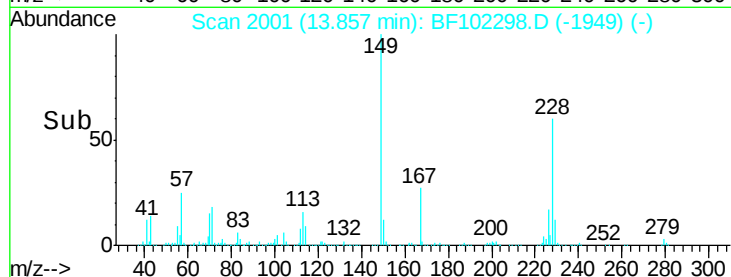
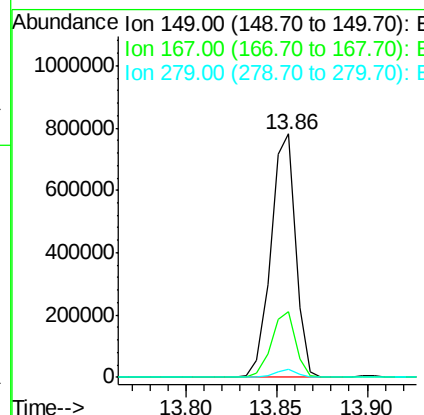
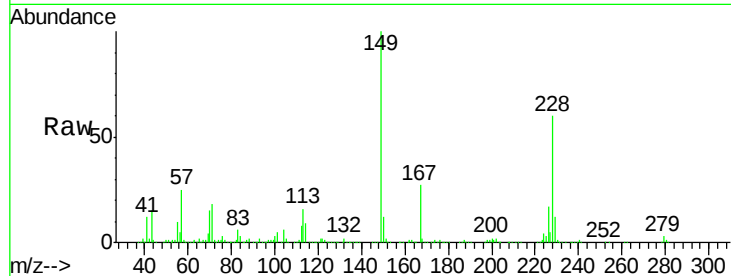
#83
Bis(2-ethylhexyl)phthalate
Concen: 35.690 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampled :
PB105837BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.3	3.0	4.4

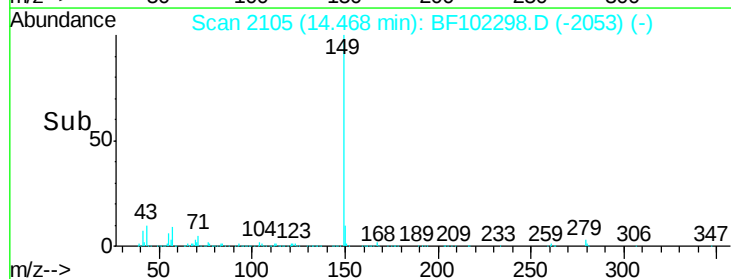
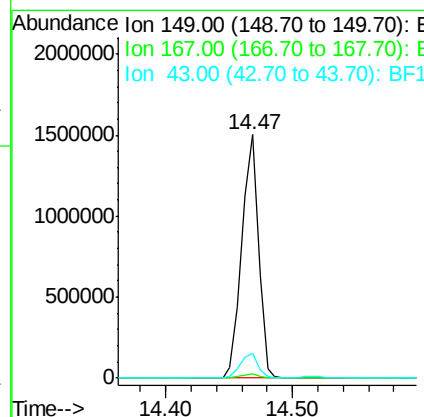
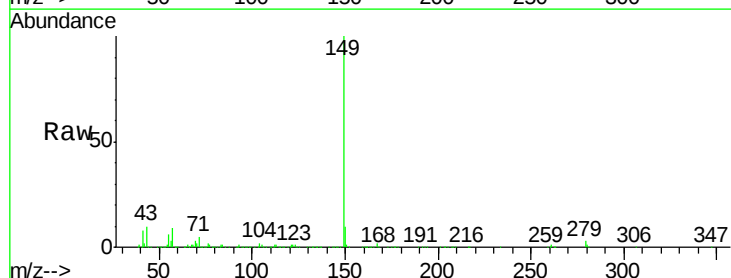
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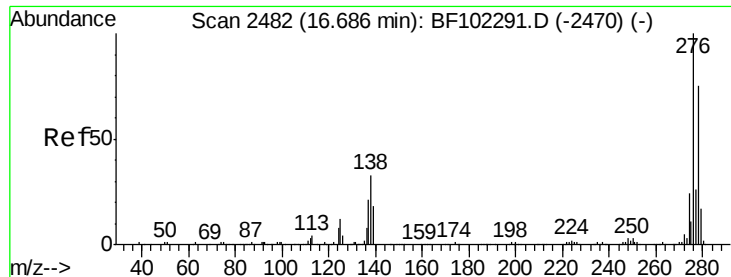
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#84
Di-n-octyl phthalate
Concen: 40.177 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.2	8.4	12.6





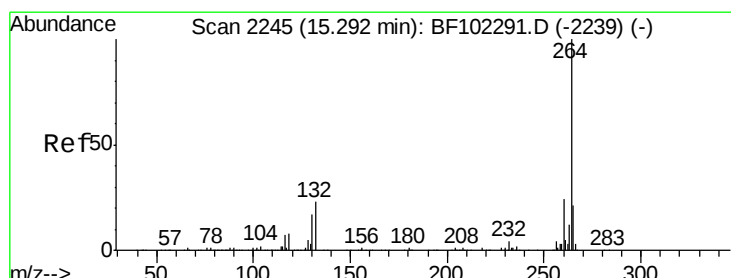
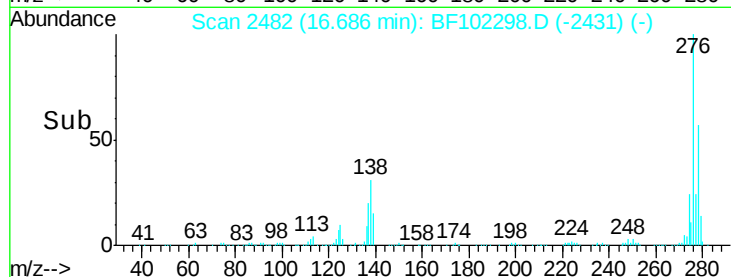
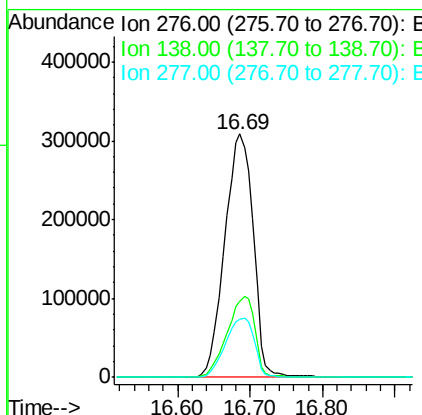
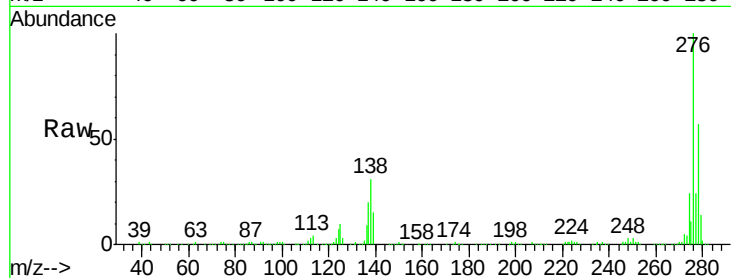
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.624 ng
RT: 16.69 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.0	37.6
277	25.0	20.1	30.1

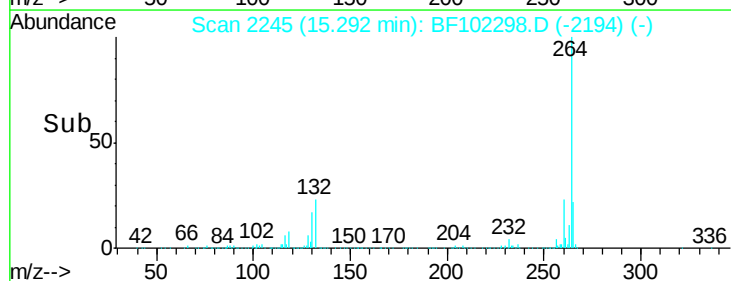
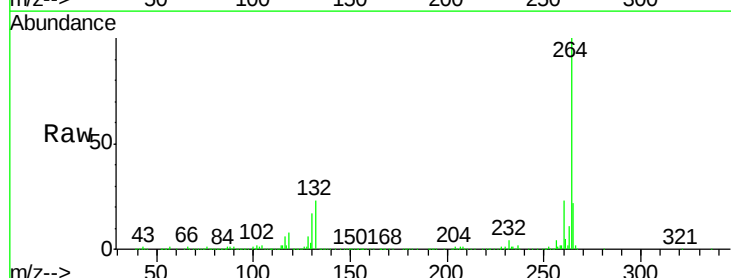
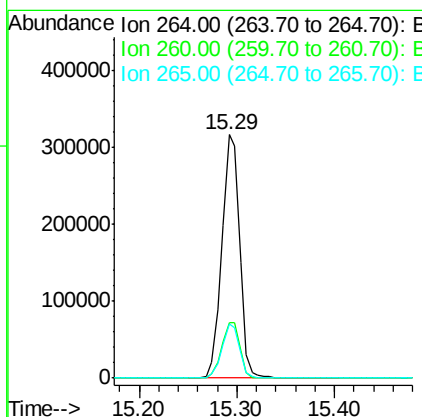
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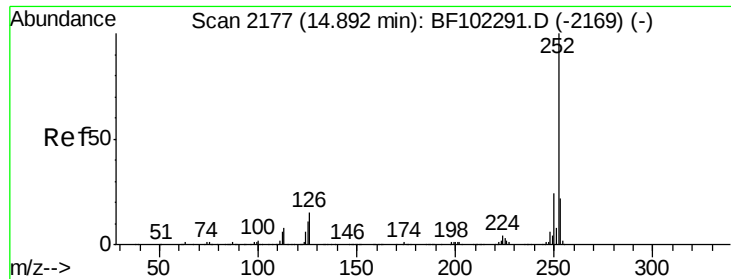
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.2	17.5	26.3





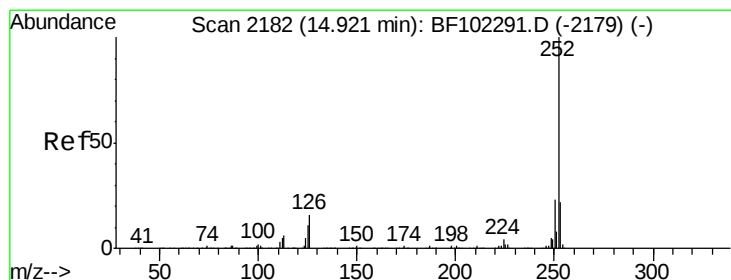
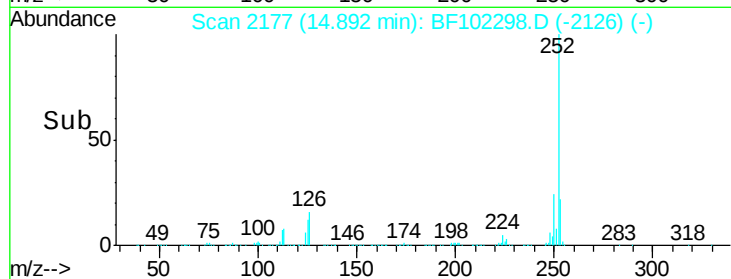
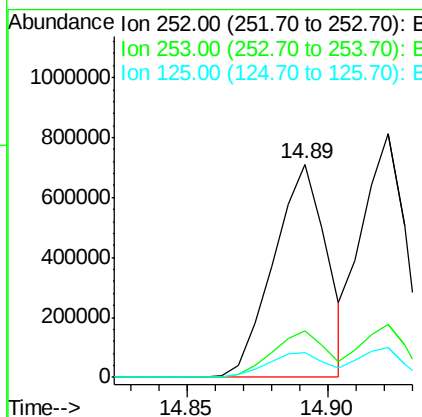
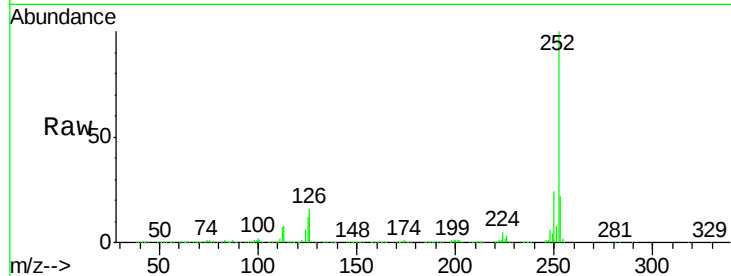
#87
Benzo(b)fluoranthene
Concen: 35.961 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.8	9.0	13.6

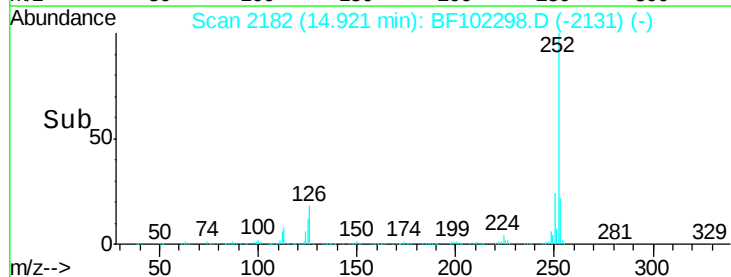
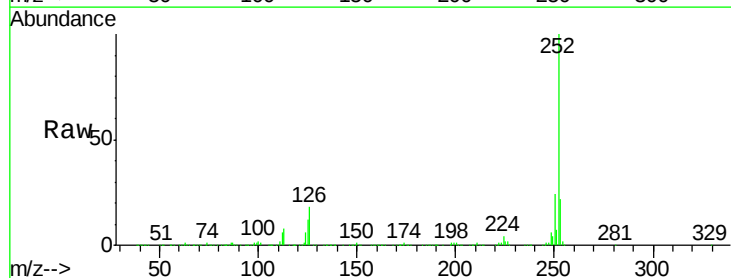
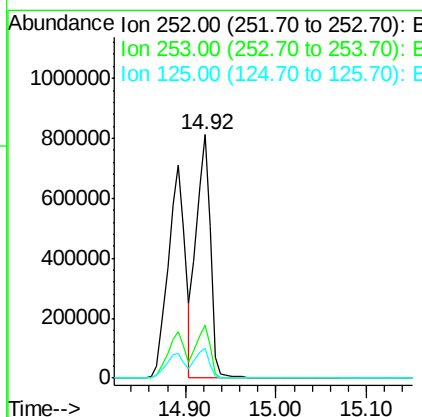
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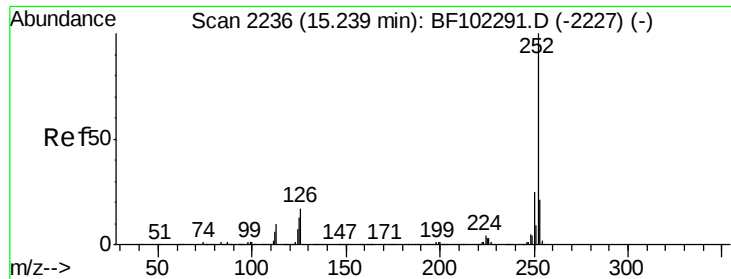
Sohil
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#88
Benzo(k)fluoranthene
Concen: 35.784 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.2	10.2	15.2





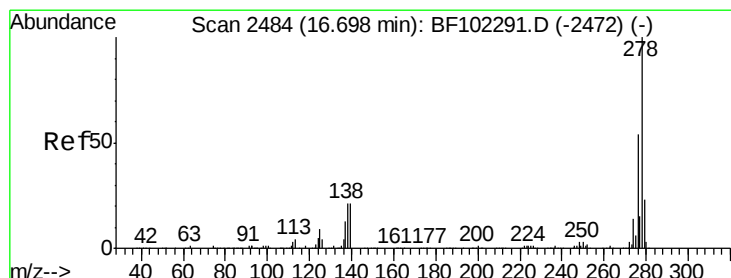
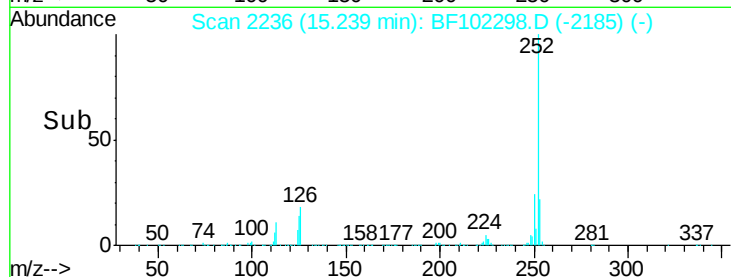
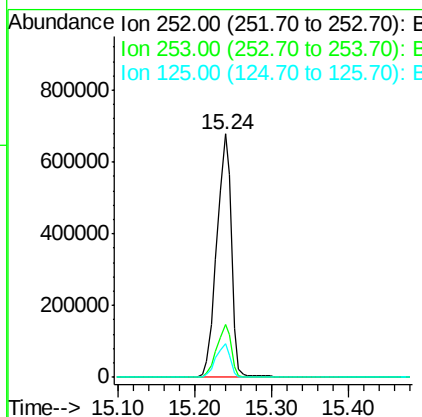
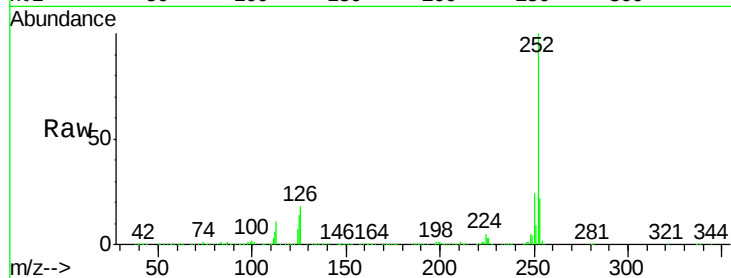
#89
Benzo(a)pyrene
Concen: 38.026 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :
PB105837BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.8	9.8	14.6

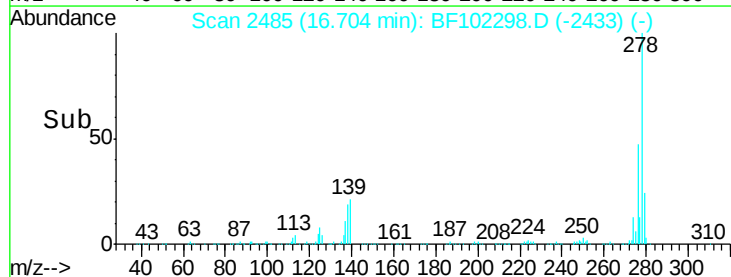
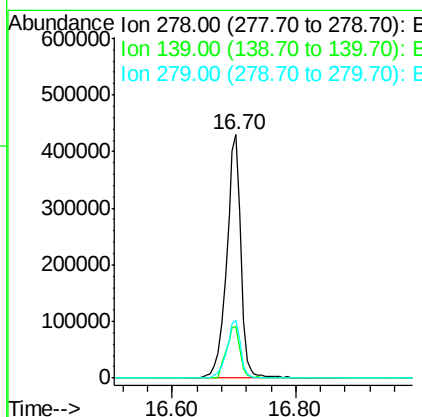
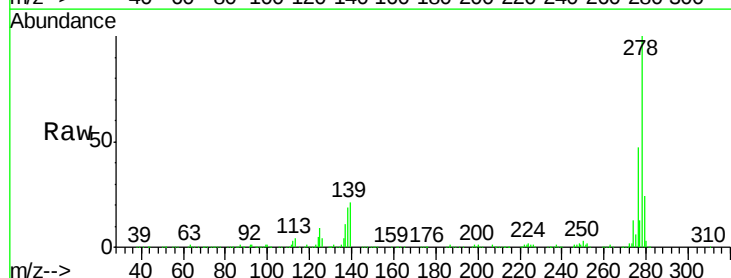
Manual Integrations
APPROVED

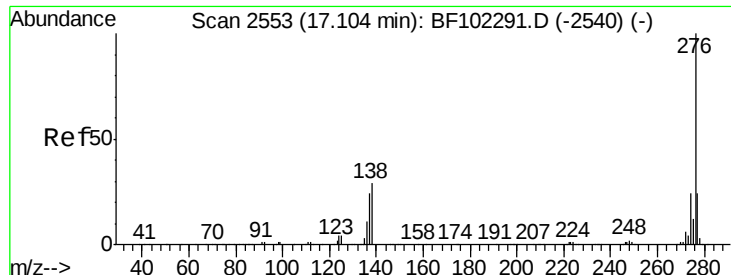
Sohil
1/23/2018 12:46:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.693 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF102298.D
Acq: 22 Jan 2018 14:42

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





#91
 Benzo(a,h,i)perylene
 Concen: 37.285 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BF102298.D
 Acq: 22 Jan 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB105837BS

Tot Ion:	276	Resp:	695221
Ion Ratio		Lower	Upper
276	100		
277	23.7	17.9	26.9
138	29.3	21.8	32.8

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