

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102302.D
 Acq On : 22 Jan 2018 16:37
 Operator : SJ/JU
 Sample : PB105847BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

Manual Integrations
 APPROVED

Sohil
 1/23/2018 12:46:38 PM

Quant Time: Jan 23 01:07:10 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	6.71	152	136372	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	565763	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	264052	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	466007	20.00	ng	0.00
75) Chrysene-d12	13.87	240	343095	20.00	ng	0.00
86) Perylene-d12	15.29	264	303362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	861016	95.73	ng	0.00
7) Phenol-d6	6.36	99	1034653	95.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	651631	66.19	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	245985	94.02	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1220311	67.95	ng	0.00
78) Terphenyl-d14	12.82	244	1125878	73.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	125001	29.252	ng	96
3) Pyridine	3.13	79	350116	31.352	ng	96
4) n-Nitrosodimethylamine	3.09	42	161343	36.852	ng	97
6) Aniline	6.38	93	297635	20.753	ng	95
8) 2-Chlorophenol	6.50	128	332044	35.219	ng	98
9) Benzaldehyde	6.26	77	184046	27.656	ng	95
10) Phenol	6.37	94	389922	32.939	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	298122	33.112	ng	98
12) 1,3-Dichlorobenzene	6.65	146	355610	31.715	ng	99
13) 1,4-Dichlorobenzene	6.73	146	359902	32.042	ng	97
14) 1,2-Dichlorobenzene	6.88	146	336421	32.745	ng	99
15) Benzyl Alcohol	6.86	79	262162	34.267	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	503674	33.355	ng	97
17) 2-Methylphenol	6.97	107	275954	33.702	ng	98
18) Hexachloroethane	7.22	117	126171	32.236	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	218410	32.915	ng	99
20) 3+4-Methylphenols	7.13	107	334009	34.684	ng	# 81
22) Acetophenone	7.13	105	443413	32.877	ng	# 92
24) Nitrobenzene	7.30	77	336189	33.368	ng	98
25) Isophorone	7.54	82	619088	35.273	ng	99
26) 2-Nitrophenol	7.62	139	184533	34.800	ng	94
27) 2,4-Dimethylphenol	7.66	122	301343	39.137	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	392278	36.181	ng	99
29) 2,4-Dichlorophenol	7.86	162	280599	35.776	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	271644	32.310	ng	97
31) Naphthalene	8.02	128	934473	33.081	ng	99
32) Benzoic acid	7.79	122	189527	29.380	ng	95
33) 4-Chloroaniline	8.07	127	189116	15.921	ng	96
34) Hexachlorobutadiene	8.13	225	142044	31.633	ng	98
35) Caprolactam	8.45	113	96493m	37.252	ng	
36) 4-Chloro-3-methylphenol	8.56	107	298026	36.049	ng	96
37) 2-Methylnaphthalene	8.71	142	652807	34.701	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	251117	31.610	ng	98
40) Hexachlorocyclopentadiene	8.86	237	225340	63.382	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	182690	34.352	nq	100
43) 2,4,5-Trichlorophenol	9.03	196	192646	32.173	nq	96
45) 1,1'-Biphenyl	9.17	154	765991	32.443	nq	98
46) 2-Chloronaphthalene	9.20	162	592943	32.309	nq	97
47) 2-Nitroaniline	9.30	65	188829	33.003	nq	96
48) Acenaphthylene	9.62	152	901208	31.520	nq	99
49) Dimethylphthalate	9.48	163	704482	32.278	nq	99
50) 2,6-Dinitrotoluene	9.55	165	156923	33.348	nq	89
51) Acenaphthene	9.79	154	526791	31.548	nq	99
52) 3-Nitroaniline	9.71	138	111985	20.117	nq	95
53) 2,4-Dinitrophenol	9.82	184	139370	66.658	nq #	21
54) Dibenzofuran	9.96	168	793315	35.104	nq	97
55) 4-Nitrophenol	9.89	139	261003	71.030	nq	96
56) 2,4-Dinitrotoluene	9.95	165	201471	34.817	nq #	94
57) Fluorene	10.30	166	615367	34.364	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	150983	35.315	nq	99
59) Diethylphthalate	10.17	149	690400	32.552	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	267296	34.428	nq	100
61) 4-Nitroaniline	10.33	138	176989	31.863	nq	94
62) Azobenzene	10.45	77	645145	33.224	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	94126	30.275	nq	87
65) n-Nitrosodiphenylamine	10.42	169	573758	33.545	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	166837	33.257	nq	97
67) Hexachlorobenzene	10.85	284	179616	32.015	nq	92
68) Atrazine	10.95	200	178458	35.327	nq	96
69) Pentachlorophenol	11.05	266	181055	61.432	nq	97
70) Phenanthrene	11.26	178	895856	32.990	nq	99
71) Anthracene	11.32	178	936648	33.793	nq	99
72) Carbazole	11.47	167	893239	33.034	nq	99
73) Di-n-butylphthalate	11.80	149	1130486	33.447	nq	99
74) Fluoranthene	12.45	202	917070	33.117	nq	99
76) Benzidine	12.57	184	476042	41.302	nq	98
77) Pyrene	12.67	202	915170	34.500	nq	99
79) Butylbenzylphthalate	13.30	149	484203	36.679	nq	94
80) Benzo(a)anthracene	13.86	228	677974	32.096	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	180102	23.243	nq	100
82) Chrysene	13.90	228	680305	31.715	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	625187	35.240	nq #	99
84) Di-n-octyl phthalate	14.46	149	1049731	36.384	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	647141	36.530	nq	98
87) Benzo(b)fluoranthene	14.89	252	685201	34.848	nq	98
88) Benzo(k)fluoranthene	14.92	252	549870	29.600	nq	99
89) Benzo(a)pyrene	15.23	252	603372	34.025	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	531063	36.970	nq	99
91) Benzo(g,h,i)perylene	17.10	276	546748	38.548	nq	96

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

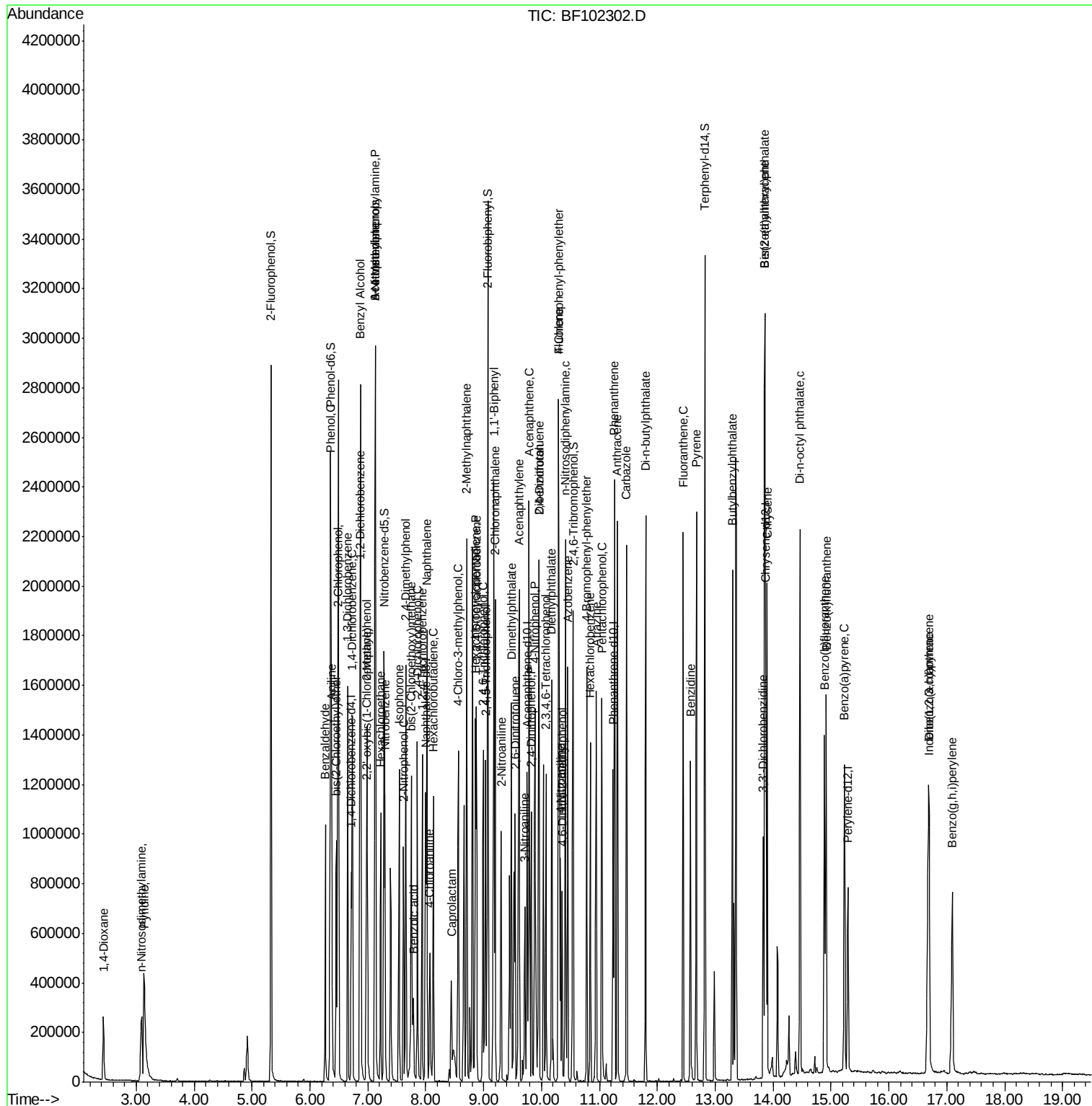
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Data File : BF102302.D  
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Operator  : SJ/JU  
Sample    : PB105847BS  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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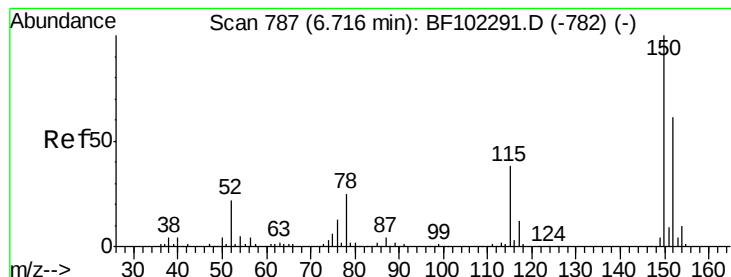
Instrument :
BNA_F
ClientSampleId :
PB105847BS

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#1

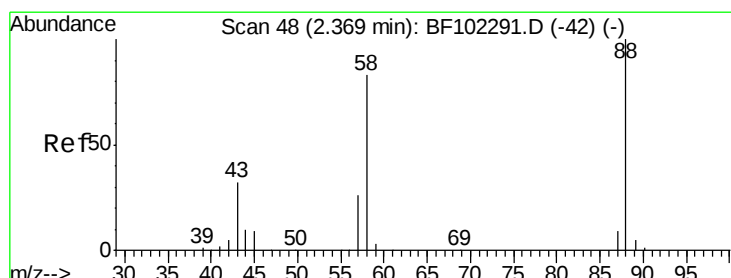
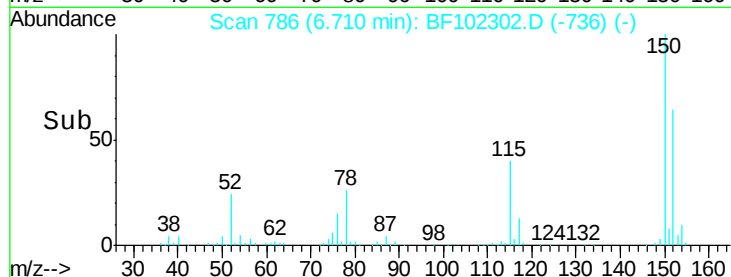
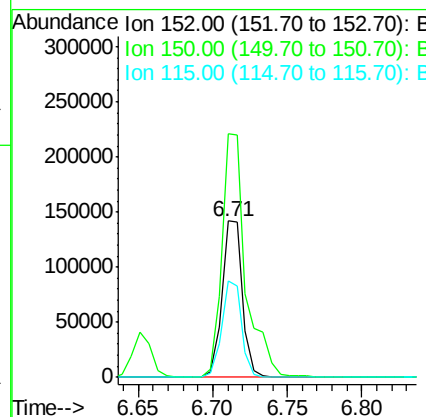
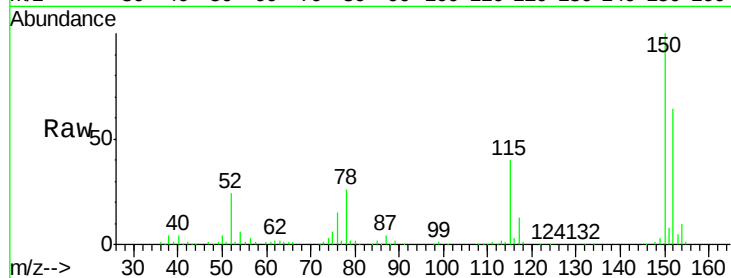
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleID :
PB105847BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	61.8	50.1	75.1

Manual Integrations
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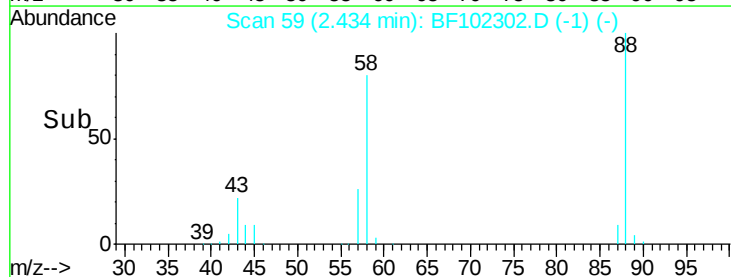
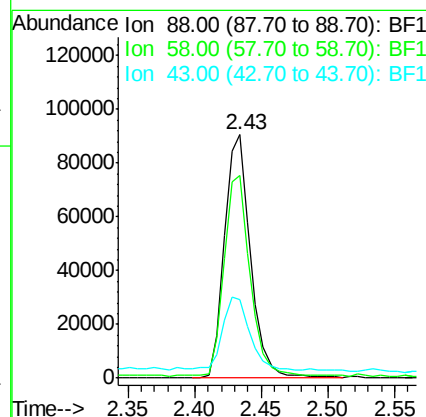
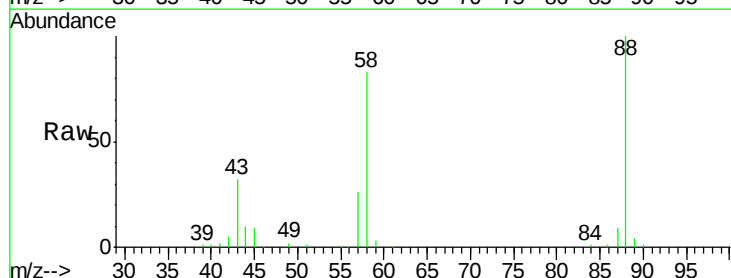
Sohil
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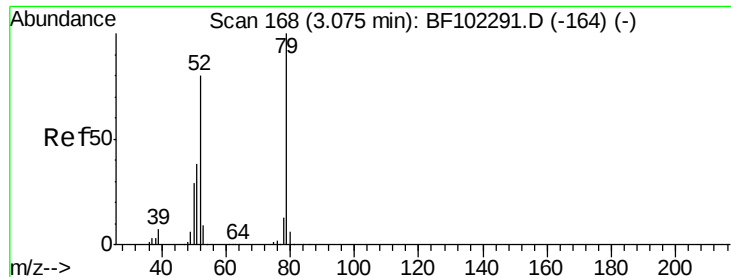


#2

1,4-Dioxane
Concen: 29.252 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.06 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.6	93.8
43	32.9	24.6	37.0





#3

Pvridine

Concen: 31.352 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.06 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

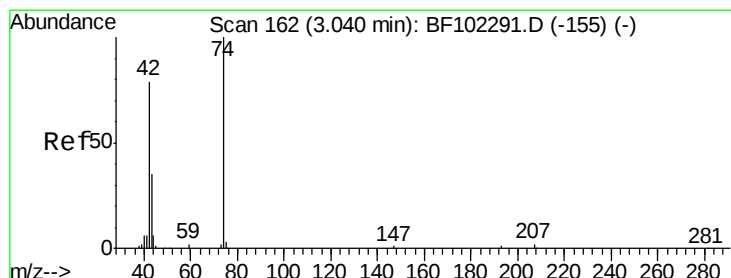
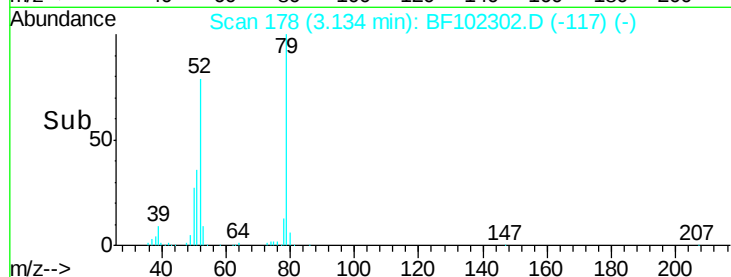
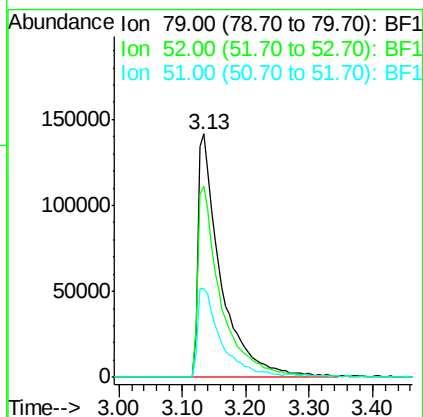
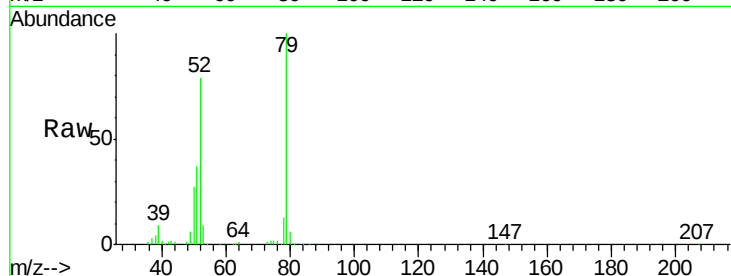
ClientSampleId :

PB105847BS

Tot Ion:	79	Resp:	350116
Ion Ratio	Lower	Upper	
79	100		
52	78.7	59.8	89.6
51	36.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.852 ng

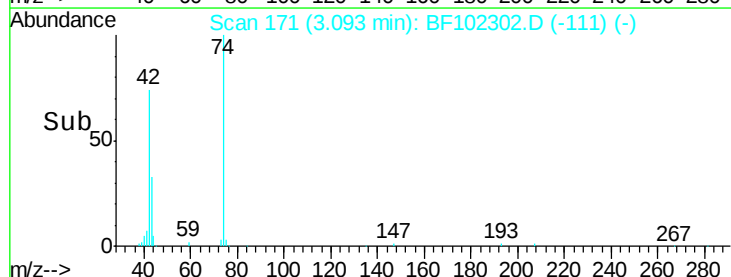
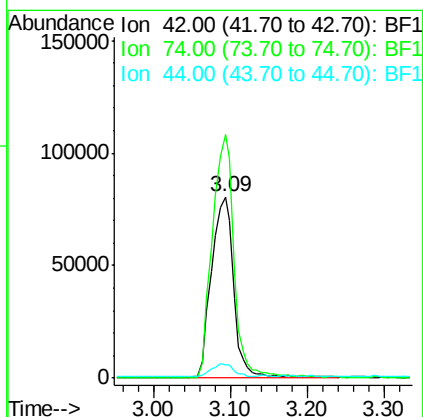
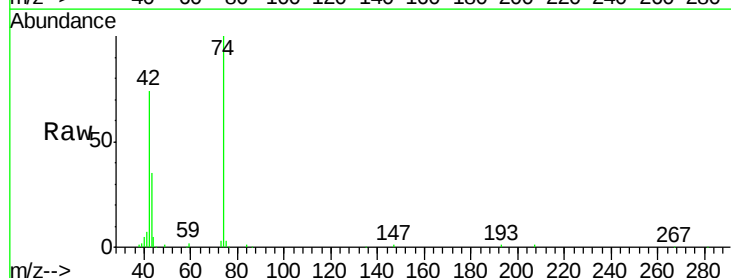
RT: 3.09 min Scan# 171

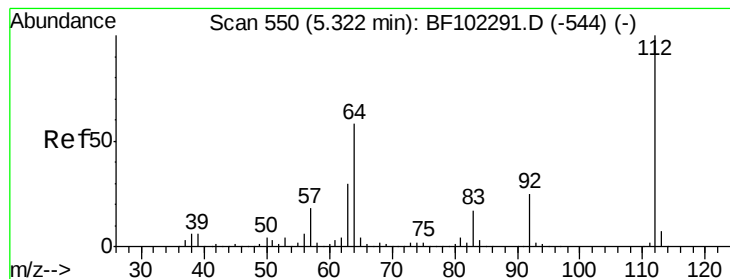
Delta R.T. 0.05 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion:	42	Resp:	161343
Ion Ratio	Lower	Upper	
42	100		
74	134.3	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 95.733 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

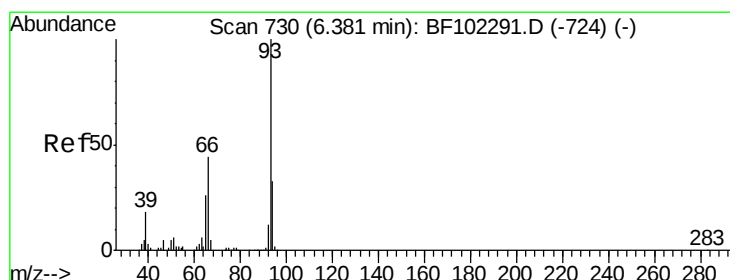
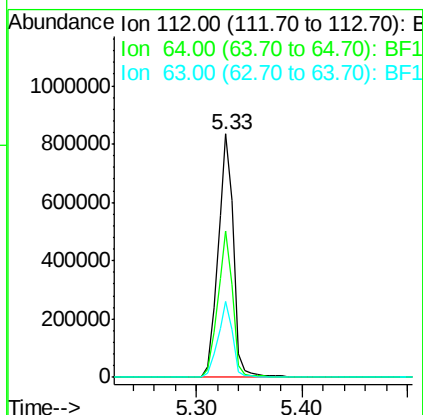
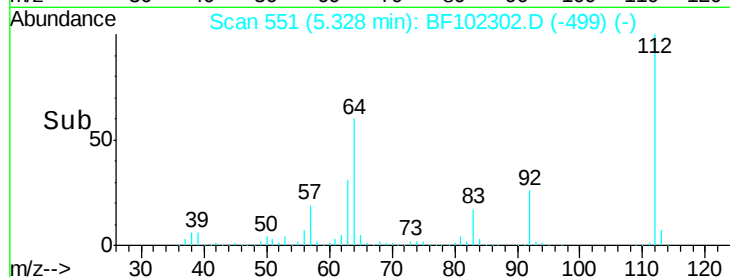
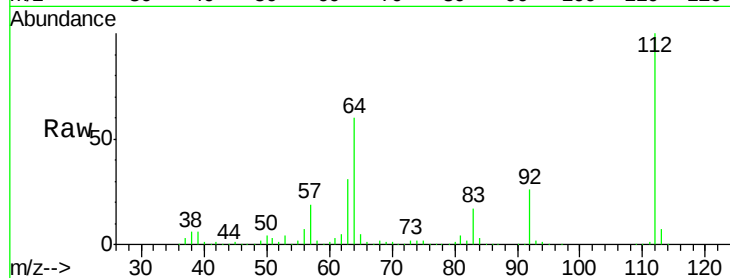
ClientSampled :

PB105847BS

Tot Ion:	112	Resp:	861016
Ion Ratio	Lower	Upper	
112	100		
64	60.1	47.9	71.9
63	31.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 20.753 ng

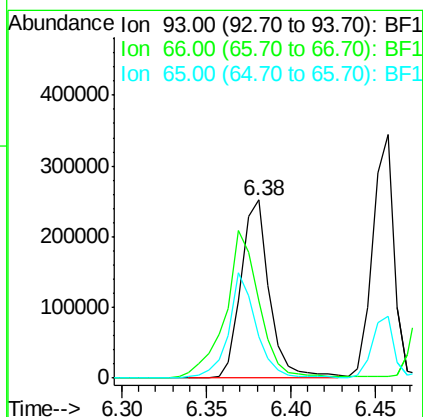
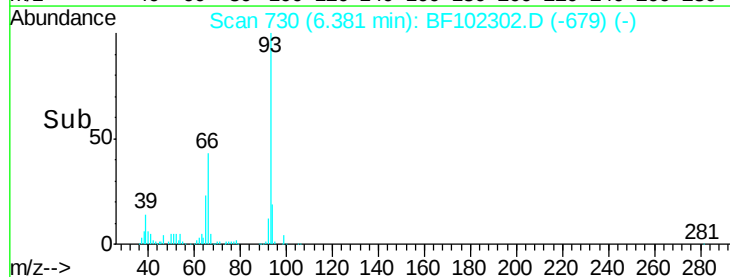
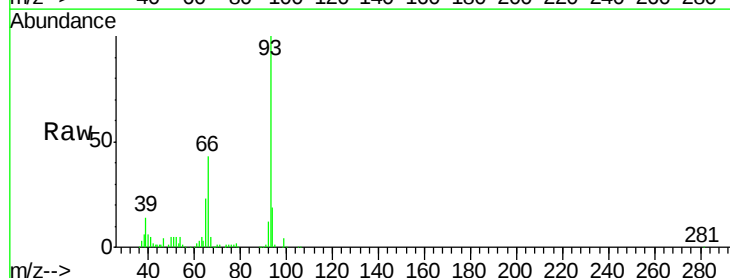
RT: 6.38 min Scan# 730

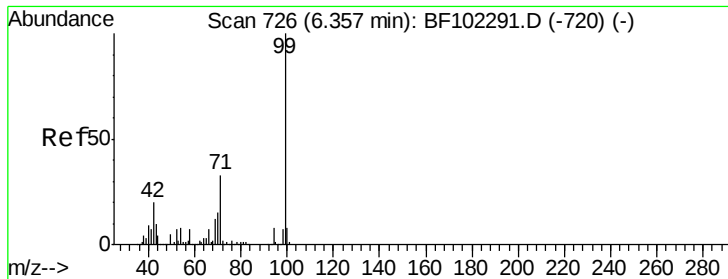
Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion:	93	Resp:	297635
Ion Ratio	Lower	Upper	
93	100		
66	43.1	32.2	48.2
65	23.3	16.4	24.6





#7

Phenol-d6

Concen: 95.421 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampled :

PB105847BS

Tot Ion: 99 Resp: 1034653

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

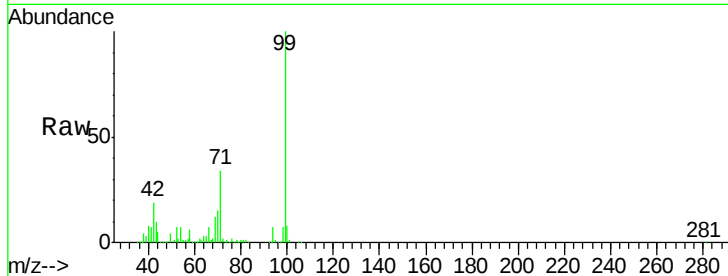
71 33.5 25.4 38.0

Manual Integrations

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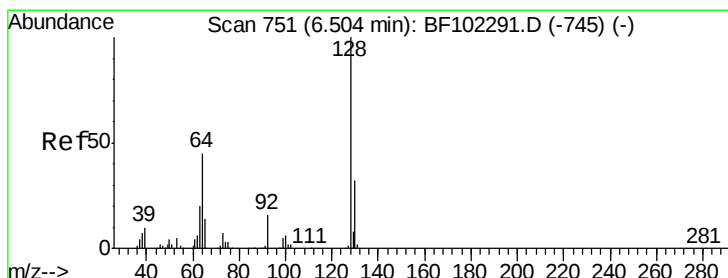
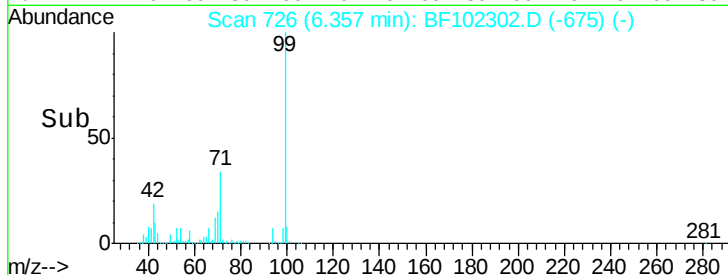
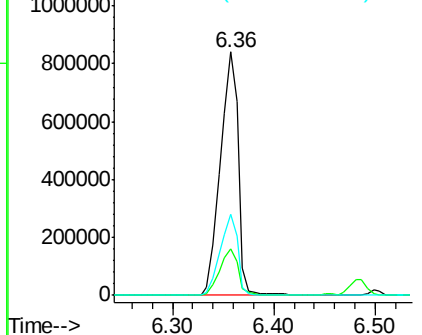
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.219 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

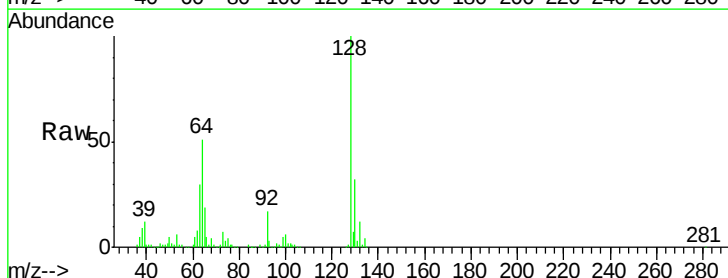
Tgt Ion: 128 Resp: 332044

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

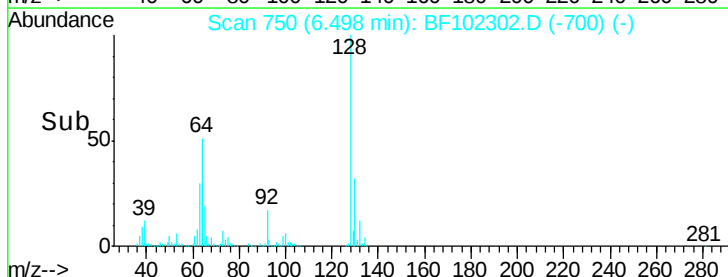
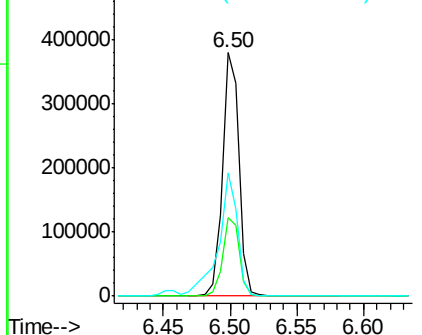
64 50.6 29.4 69.4

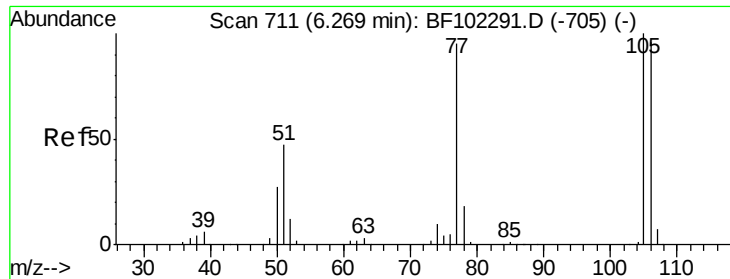


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





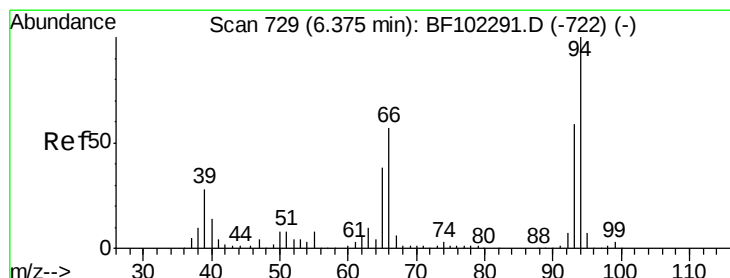
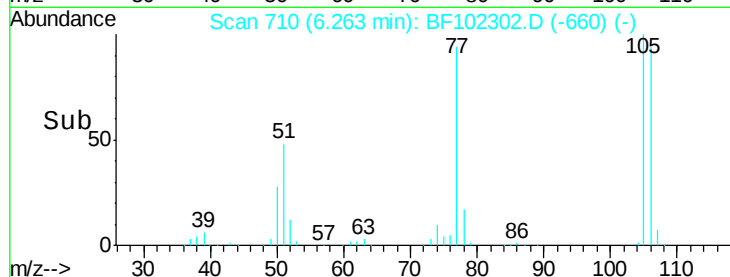
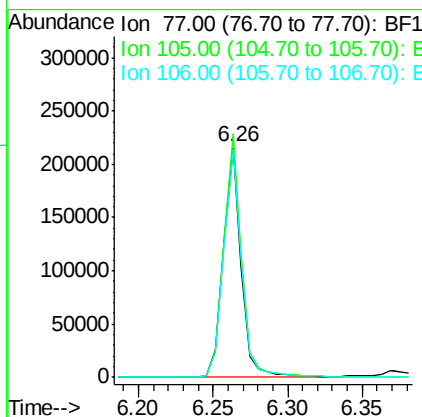
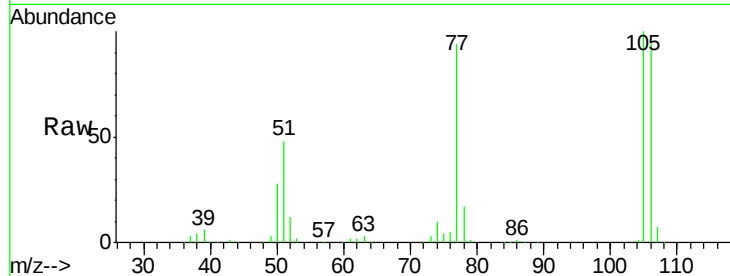
#9
Benzaldehyde
Concen: 27.656 ng
RT: 6.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF102302.D
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Instrument :
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ClientSampleId :
PB105847BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.9	81.1	121.1		
106	99.2	74.5	114.5		

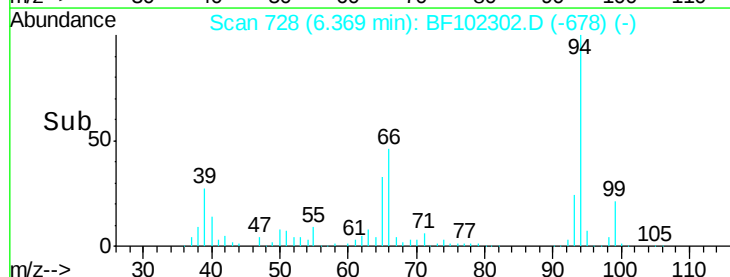
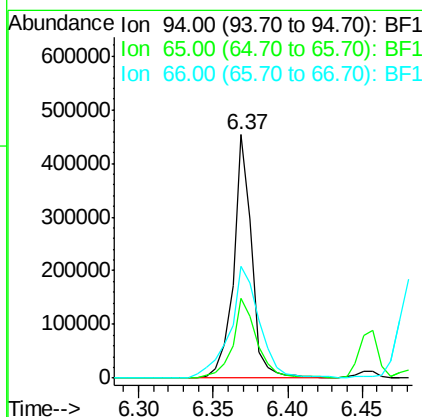
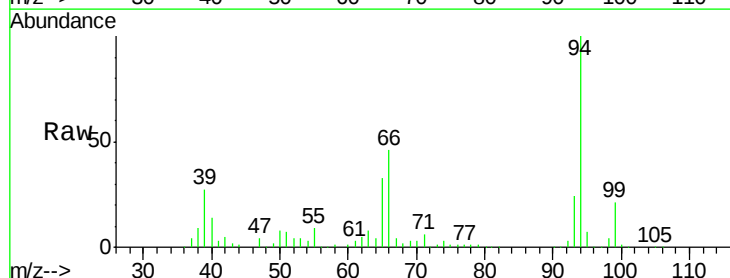
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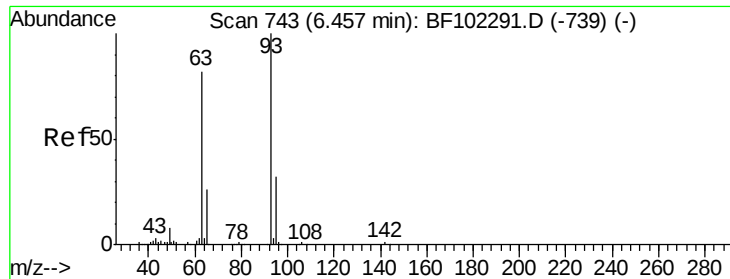
Sohil
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#10
Phenol
Concen: 32.939 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.9	7.9	47.9		
66	46.1	16.2	56.2		





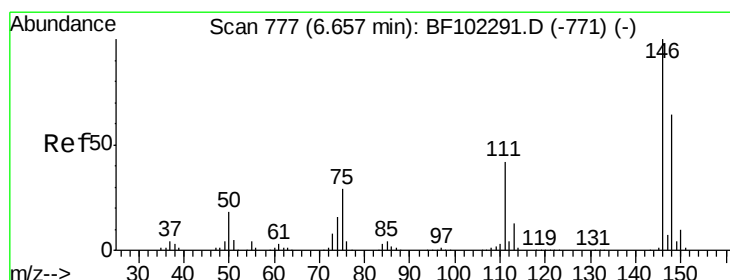
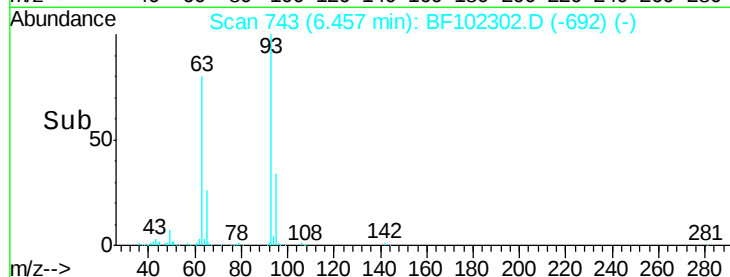
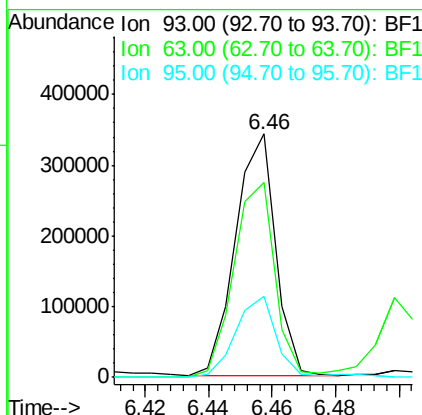
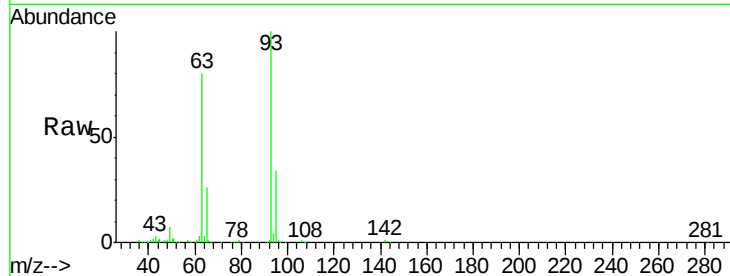
#11
bis(2-Chloroethyl)ether
Concen: 33.112 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	93	Resp	298122
Ion Ratio	Lower	Upper	
93	100		
63	80.3	58.6	98.6
95	33.5	11.8	51.8

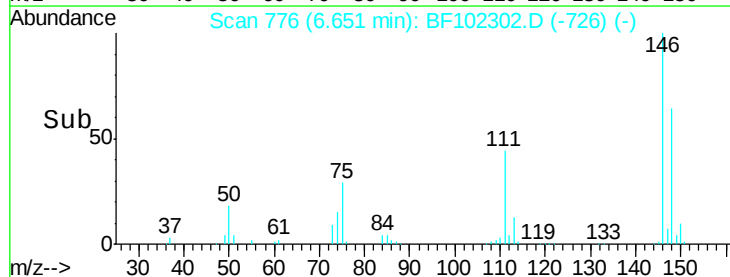
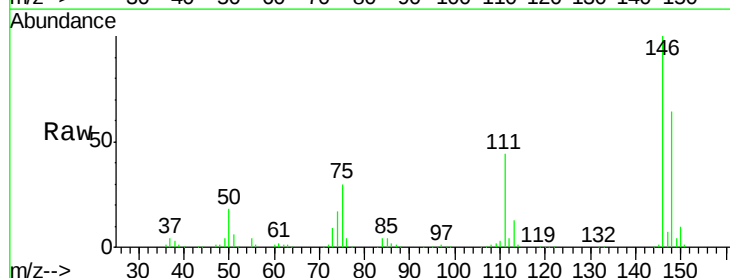
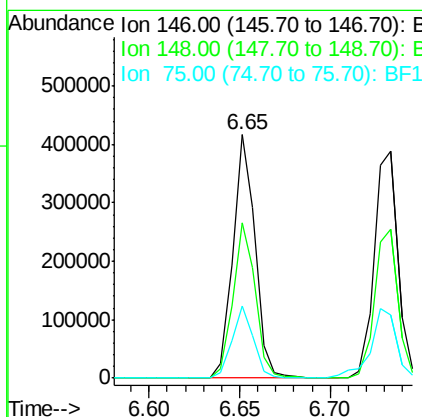
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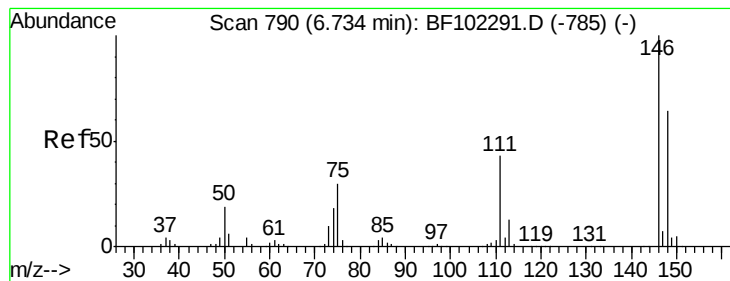
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#12
1,3-Dichlorobenzene
Concen: 31.715 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	146	Resp	355610
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	29.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.042 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

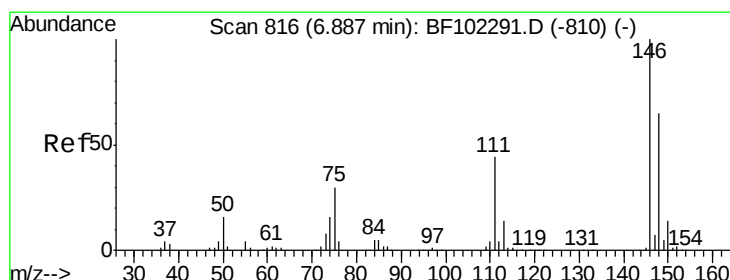
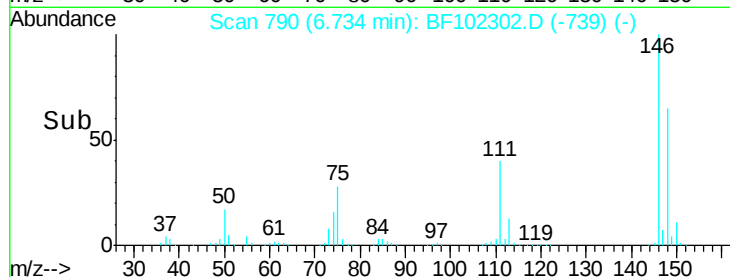
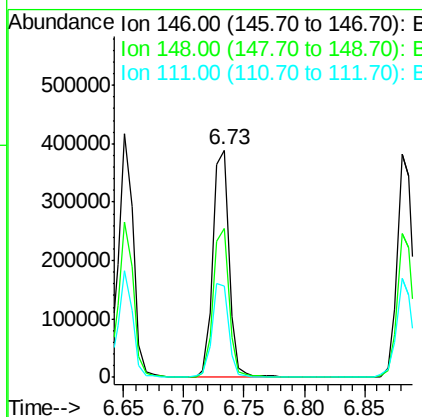
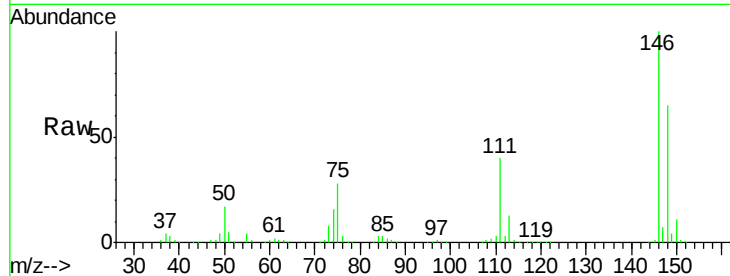
ClientSampled :

PB105847BS

Tot Ion:	146	Resp:	359902
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.8	76.2
111	40.3	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 32.745 ng

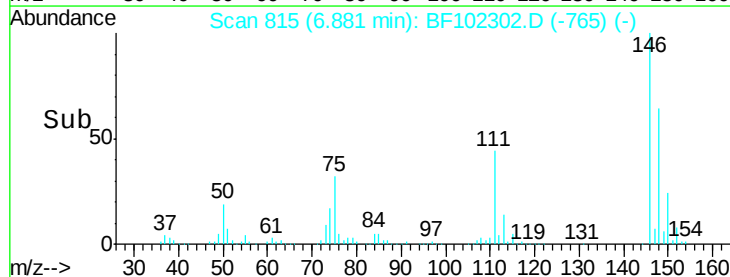
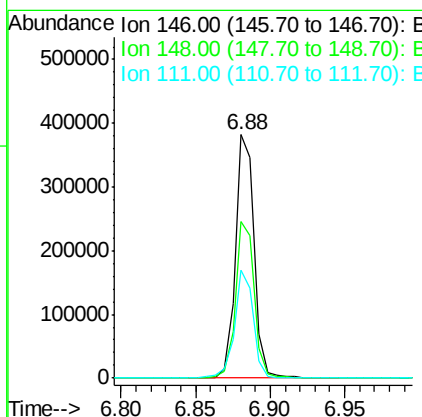
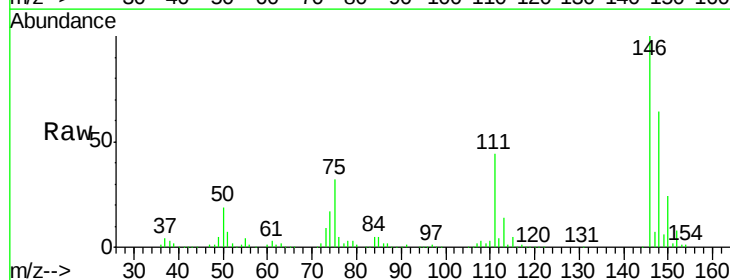
RT: 6.88 min Scan# 815

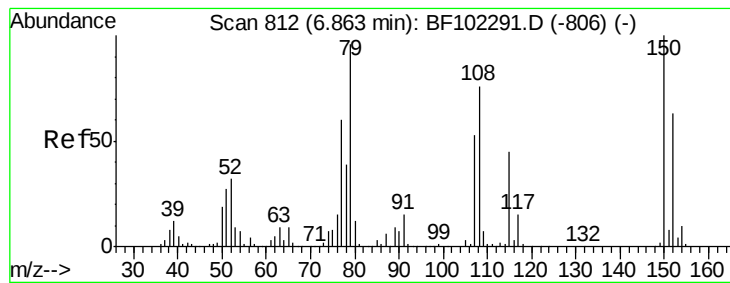
Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion:	146	Resp:	336421
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	44.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.267 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

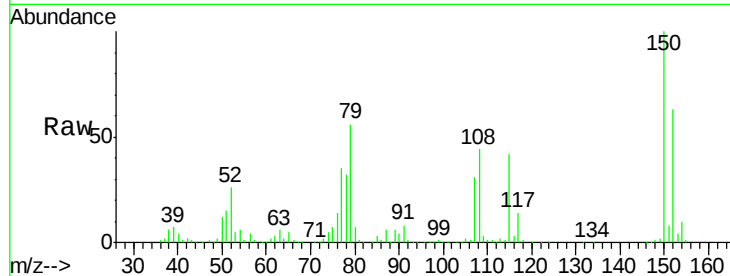
ClientSampled :

PB105847BS

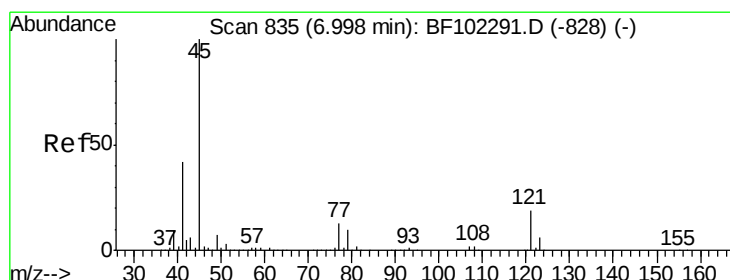
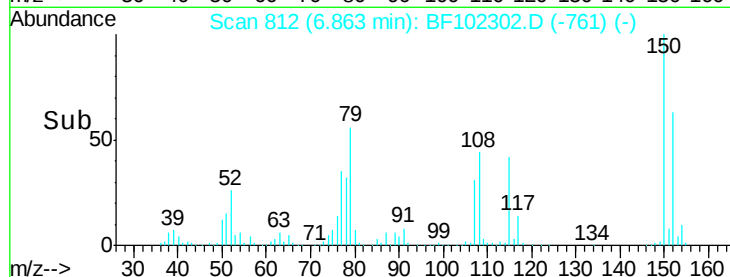
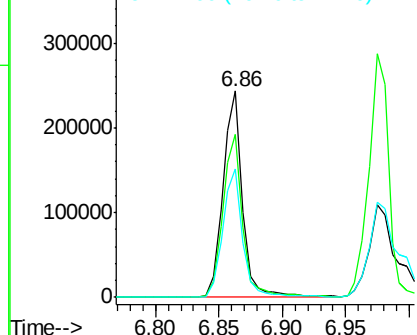
Tot Ion:	79	Resp:	262162
Ion Ratio	Lower	Upper	
79	100		
108	79.0	65.1	97.7
77	62.2	50.6	75.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.355 ng

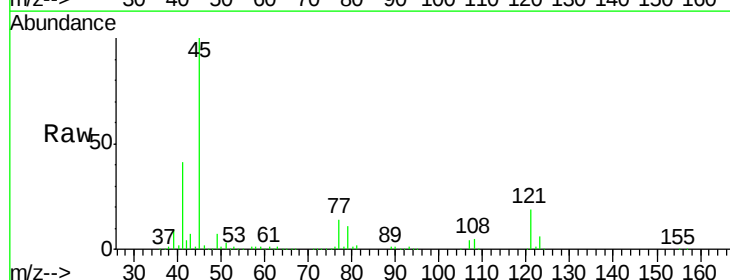
RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

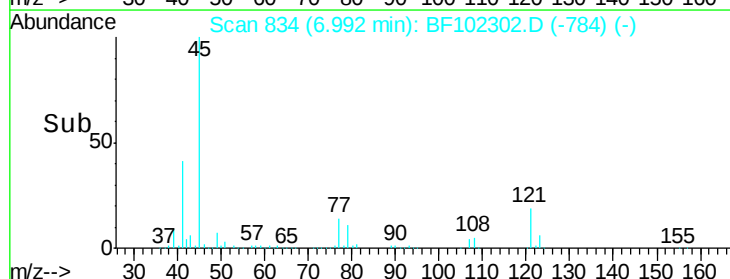
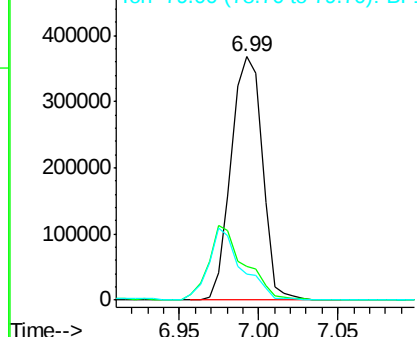
Lab File: BF102302.D

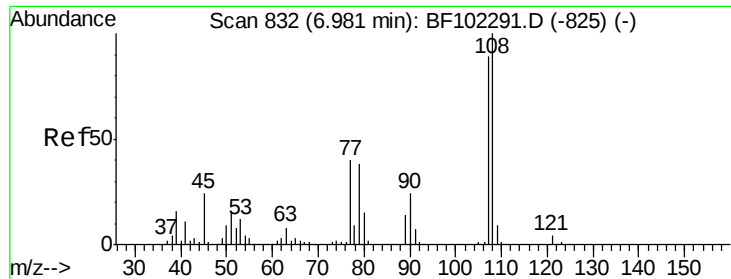
Acq: 22 Jan 2018 16:37

Tgt Ion:	45	Resp:	503674
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	32.9
79	10.7	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 33.702 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

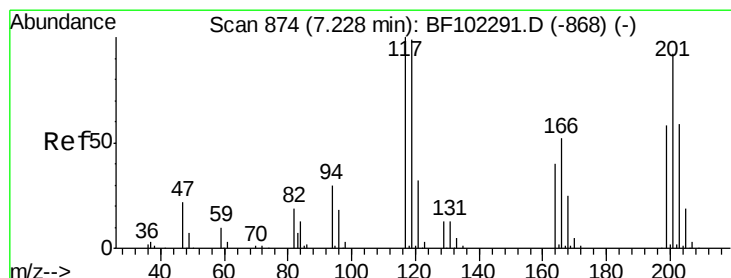
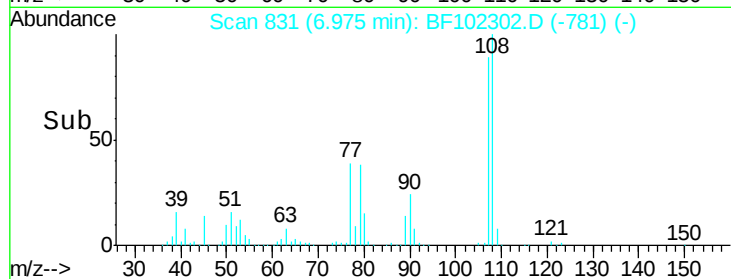
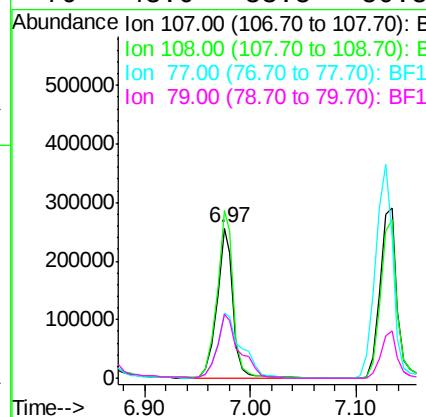
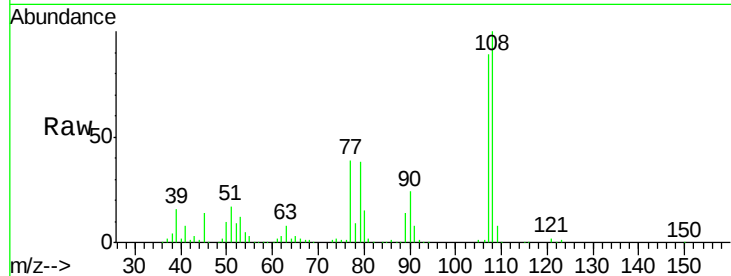
ClientSampled :

PB105847BS

Tot Ion	107	Resp	275954
Ion Ratio	Lower	Upper	
107	100		
108	112.3	91.7	137.5
77	44.0	33.8	50.8
79	43.0	33.8	50.8

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#18

Hexachloroethane

Concen: 32.236 ng

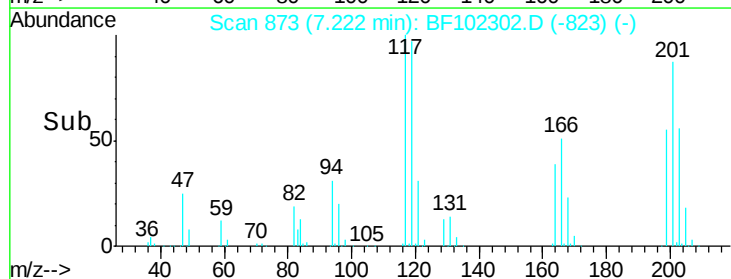
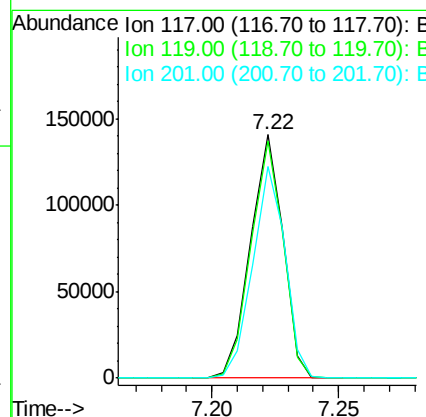
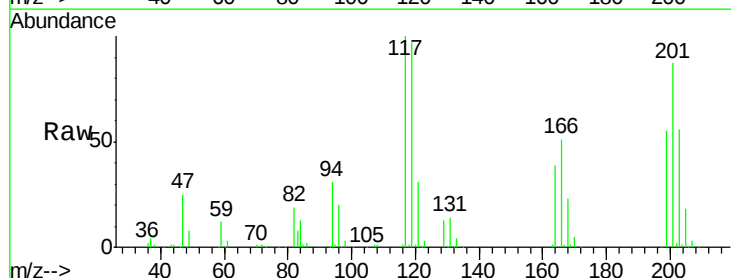
RT: 7.22 min Scan# 873

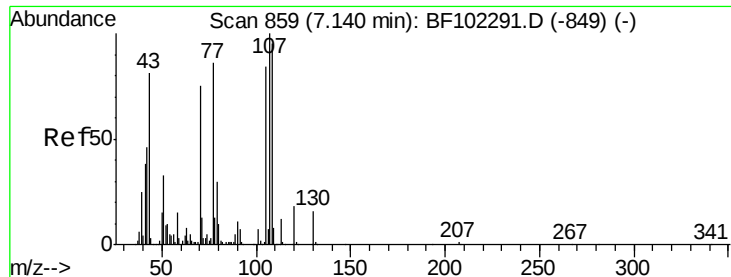
Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion	117	Resp	126171
Ion Ratio	Lower	Upper	
117	100		
119	97.2	75.8	113.8
201	87.0	75.7	113.5





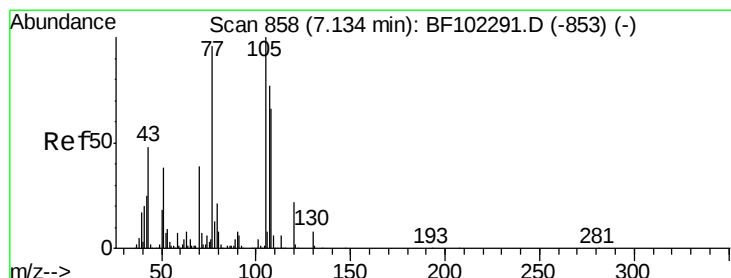
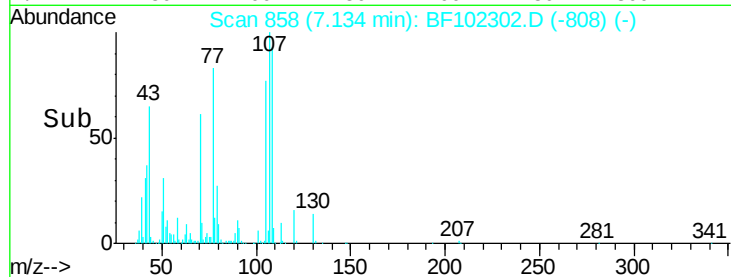
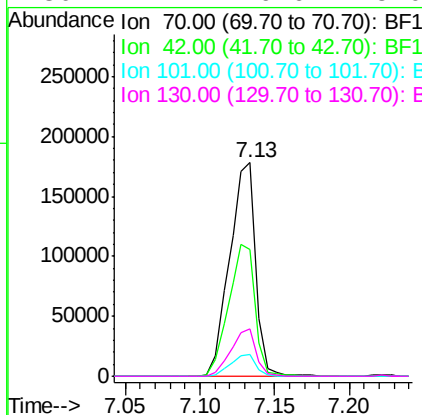
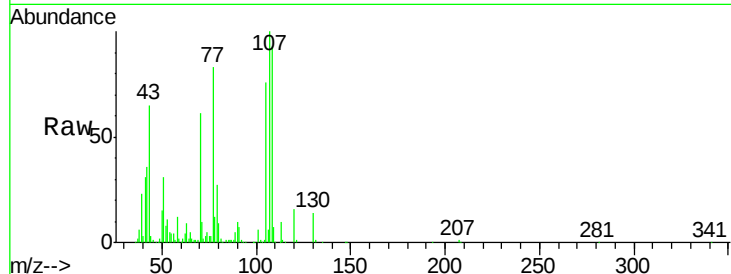
#19
n-Nitroso-di-n-propylamine
Concen: 32.915 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.5	47.5	71.3	
101	10.4	7.4	11.2	
130	22.4	16.6	25.0	

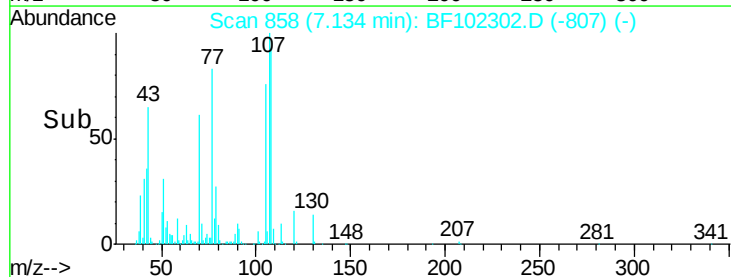
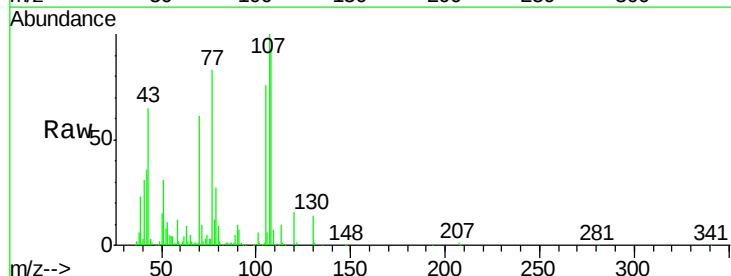
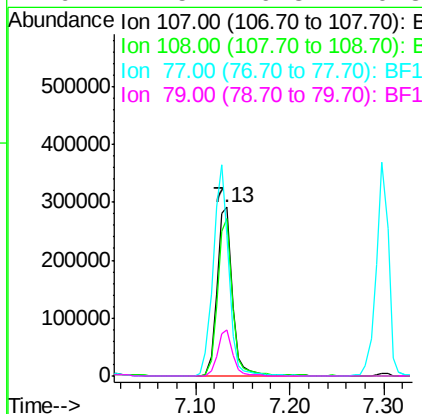
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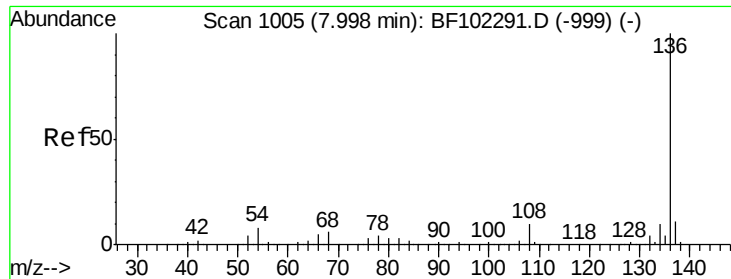
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#20
3+4-Methylphenols
Concen: 34.684 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.2	68.2	108.2	
77	83.5	26.7	66.7	
79	27.5	6.3	46.3	





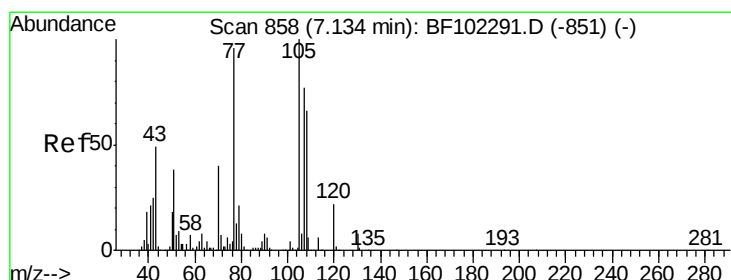
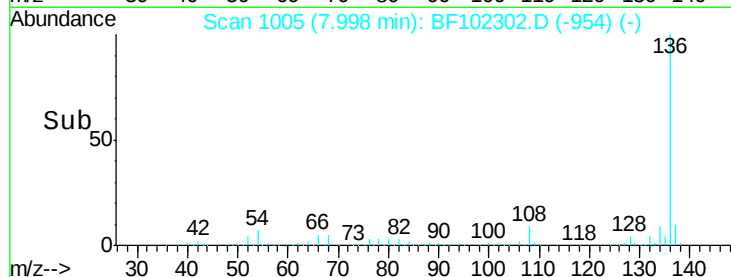
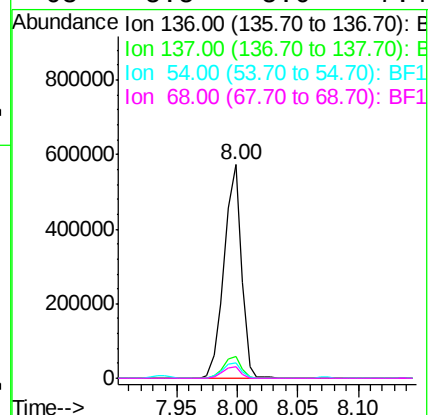
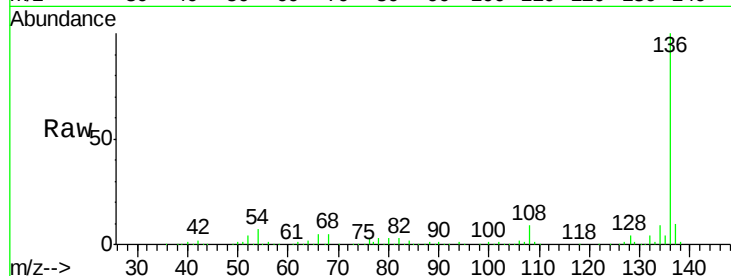
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		565763		
137	10.3		8.9	13.3	
54	7.4		6.6	9.8	
68	5.5		5.0	7.4	

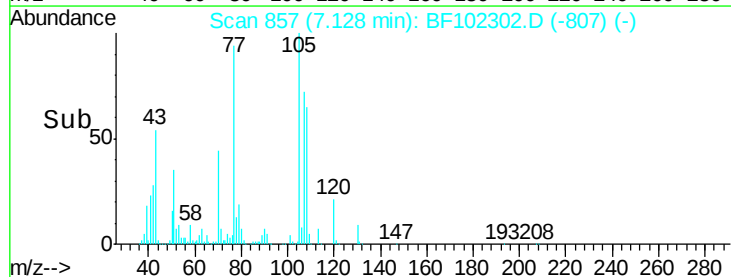
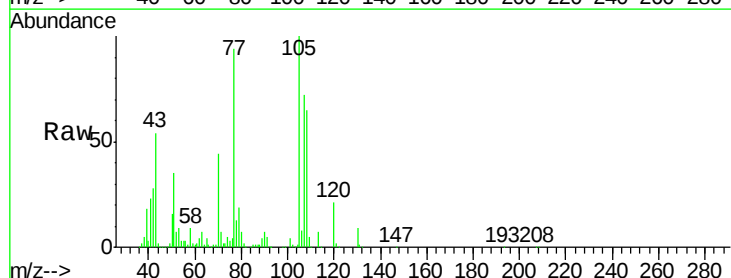
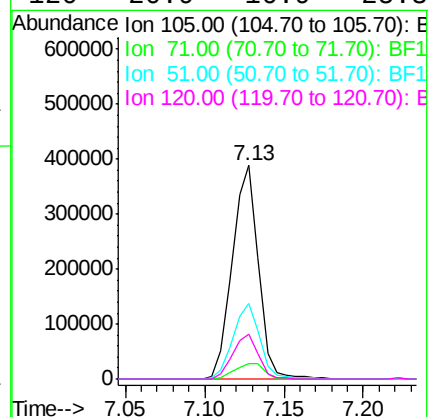
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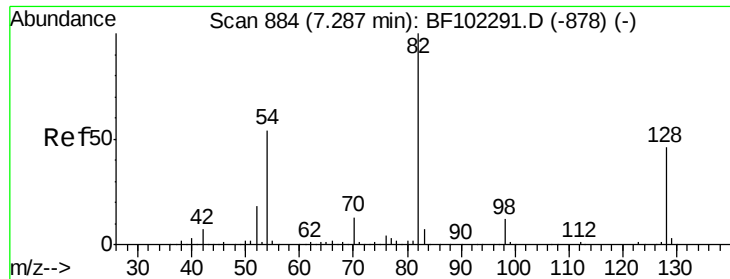
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#22
Acetophenone
Concen: 32.877 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		443413		
71	7.1		4.4	6.6#	
51	35.2		22.3	33.5#	
120	20.9		16.9	25.3	





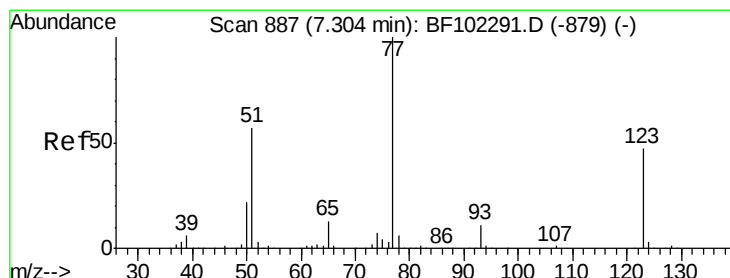
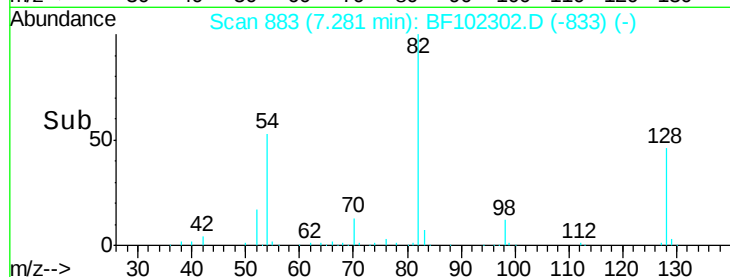
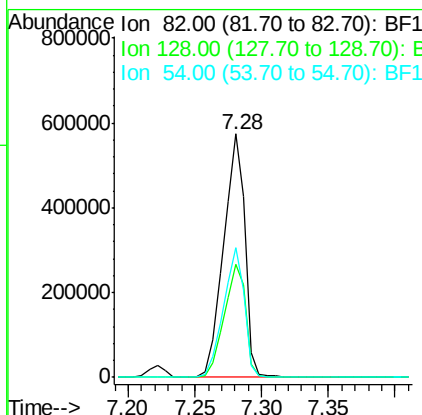
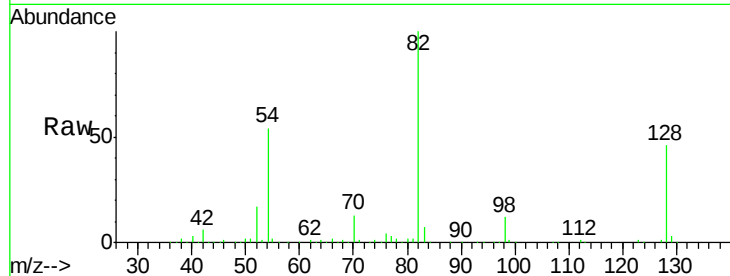
#23
Nitrobenzene-d5
Concen: 66.189 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	651631		
128	46.4	36.1	54.1	
54	53.5	41.4	62.2	

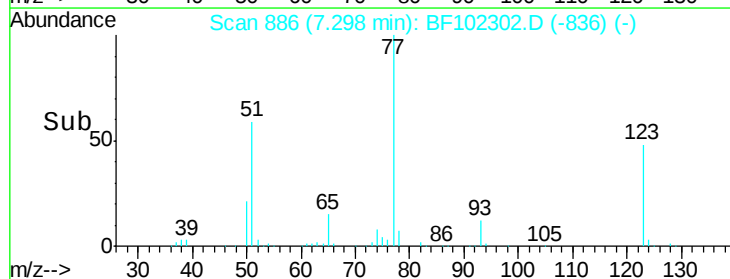
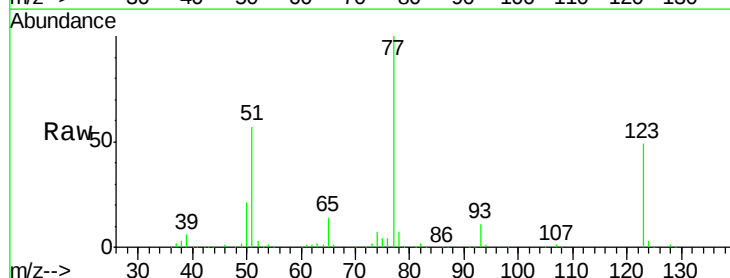
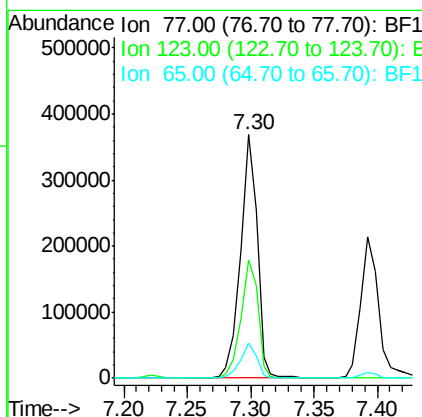
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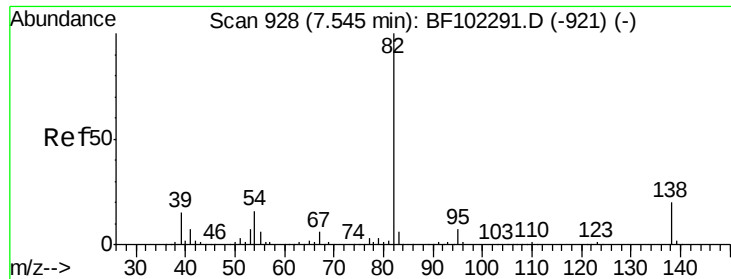
Sohil
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#24
Nitrobenzene
Concen: 33.368 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	336189		
123	48.5	37.9	56.9	
65	14.2	11.0	16.4	





#25

Isophorone

Concen: 35.273 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

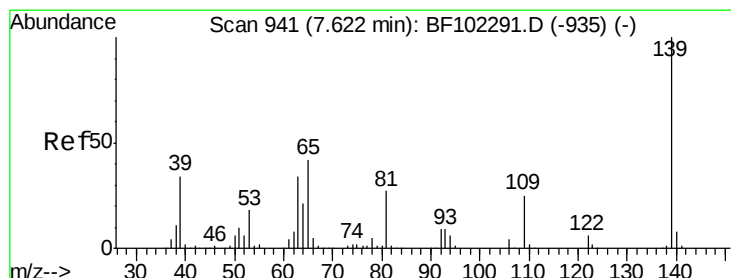
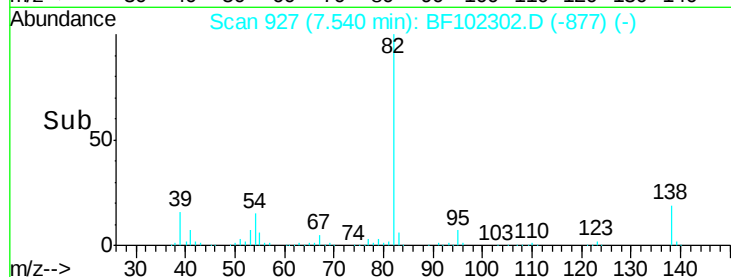
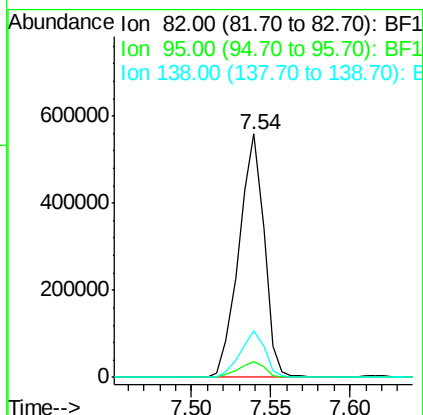
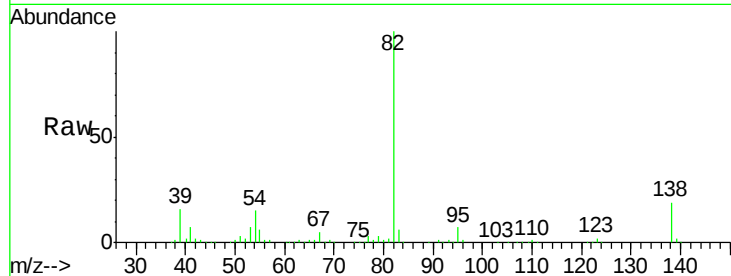
ClientSampleId :

PB105847BS

Tot Ion:	82	Resp:	619088
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	19.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.800 ng

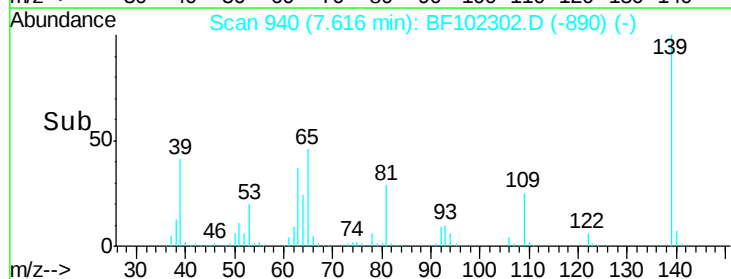
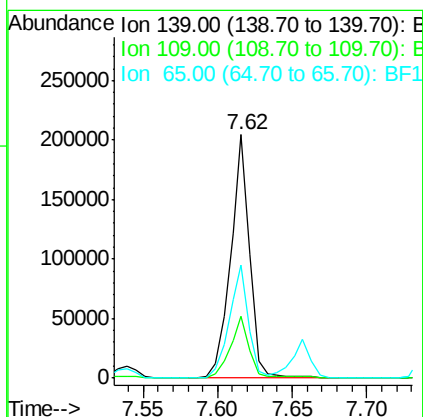
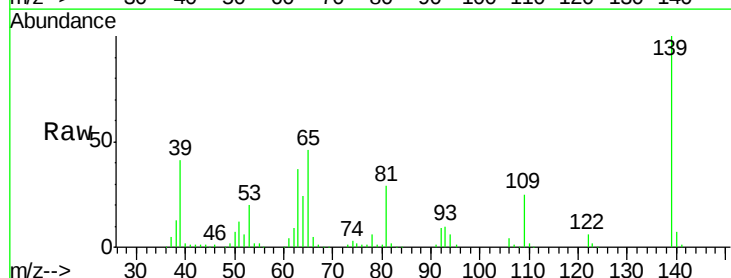
RT: 7.62 min Scan# 940

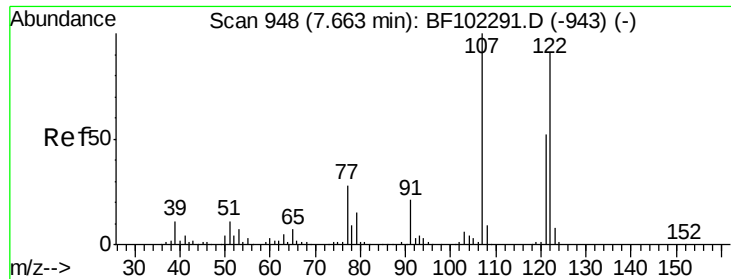
Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion:	139	Resp:	184533
Ion Ratio		Lower	Upper
139	100		
109	25.2	22.7	34.1
65	46.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.137 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

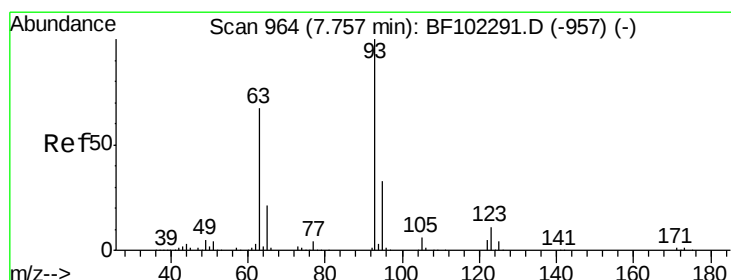
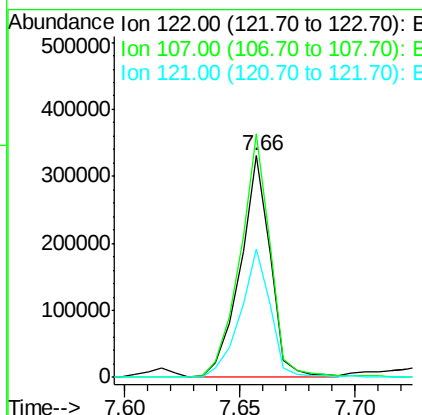
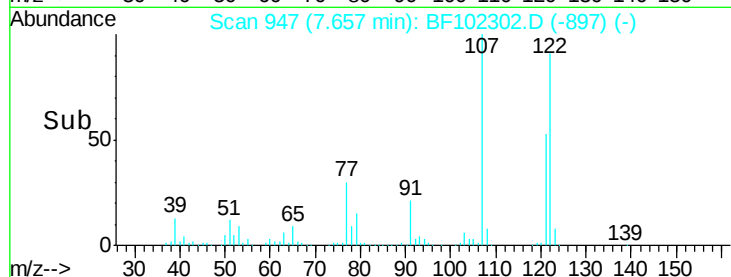
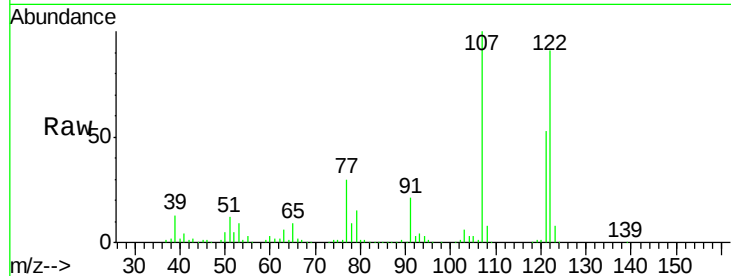
ClientSampleId :

PB105847BS

Tot Ion:	122	Resp:	301343
Ion Ratio	Lower	Upper	
122	100		
107	109.8	91.2	136.8
121	57.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 36.181 ng

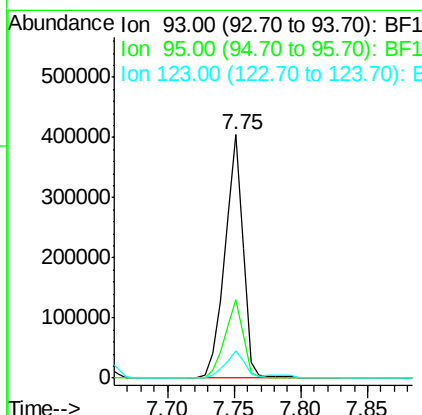
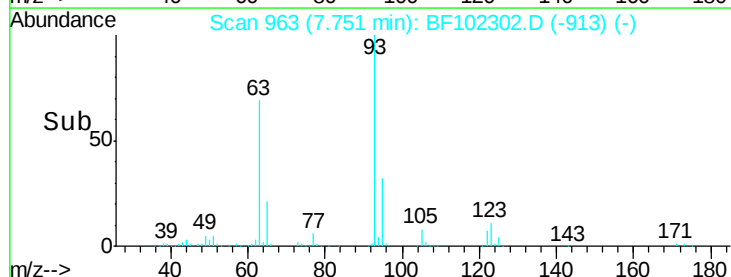
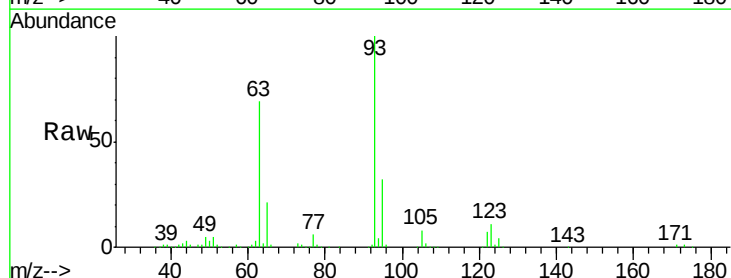
RT: 7.75 min Scan# 963

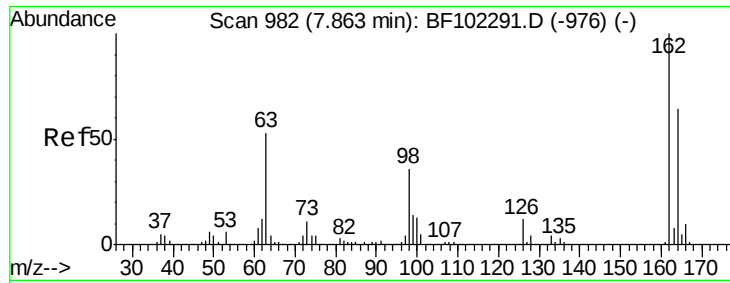
Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion:	93	Resp:	392278
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	11.1	9.8	14.6





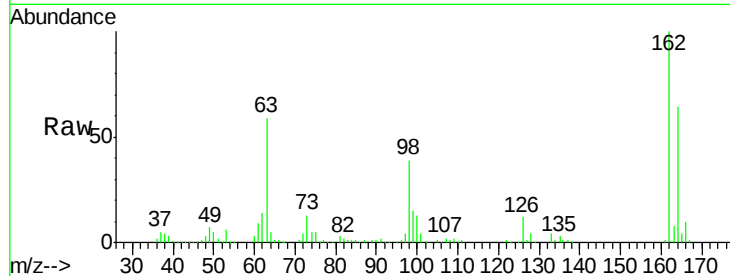
#29
 2,4-Dichlorophenol
 Concen: 35.776 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

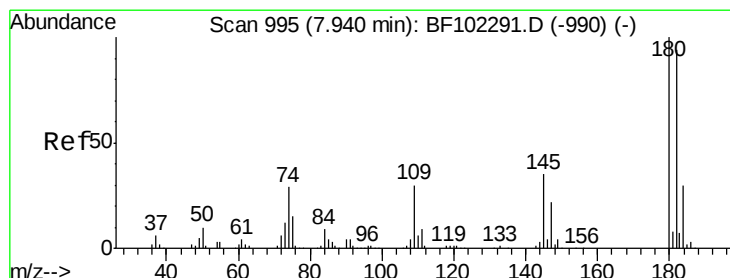
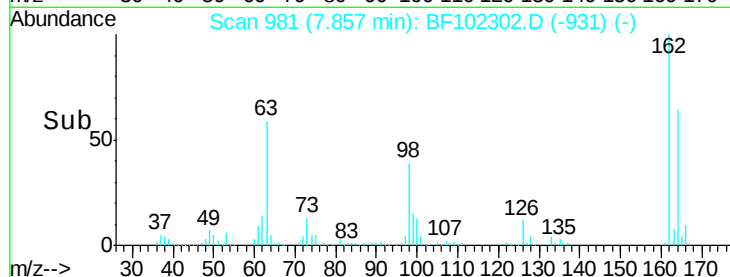
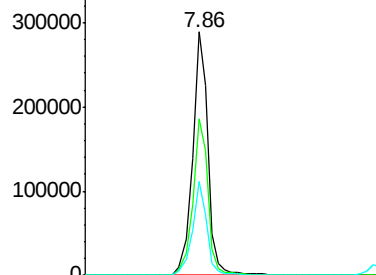
Tot Ion:	162	Resp:	280599
Ion Ratio		Lower	Upper
162	100		
164	64.4	42.7	82.7
98	38.5	18.1	58.1

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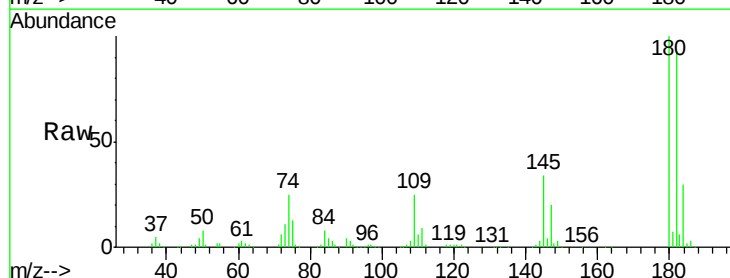


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

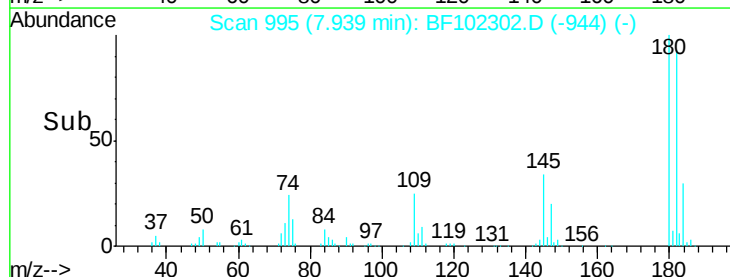
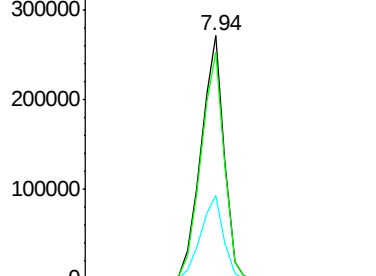


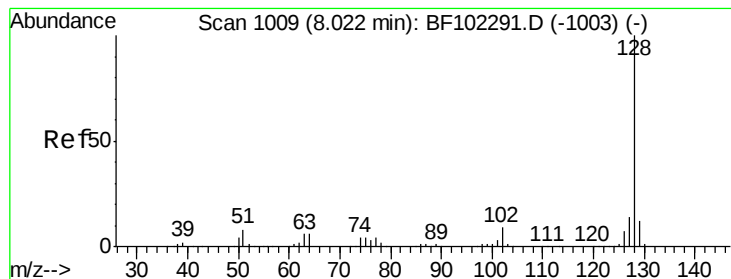
#30
 1,2,4-Trichlorobenzene
 Concen: 32.310 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	180	Resp:	271644
Ion Ratio		Lower	Upper
180	100		
182	93.4	76.8	115.2
145	34.5	26.5	39.7



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





#31

Naphthalene

Concen: 33.081 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

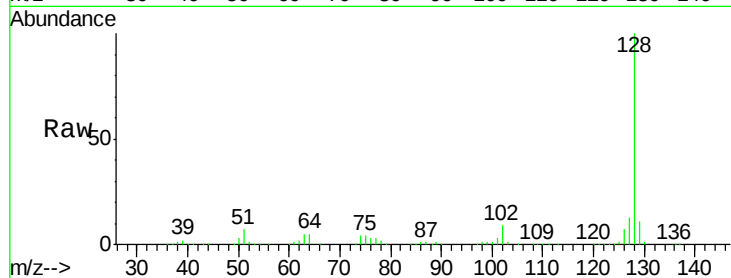
ClientSampleId :

PB105847BS

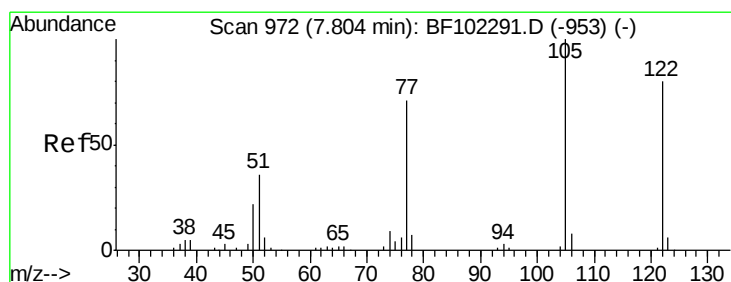
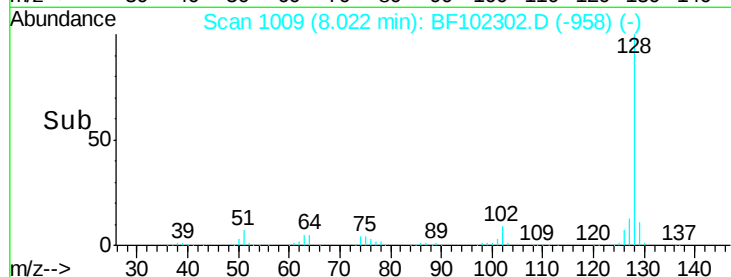
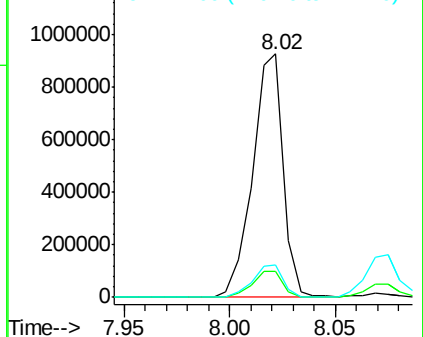
Tot Ion:	128	Resp:	934473
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	13.4	10.9	16.3

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



#32

Benzoic acid

Concen: 29.380 ng

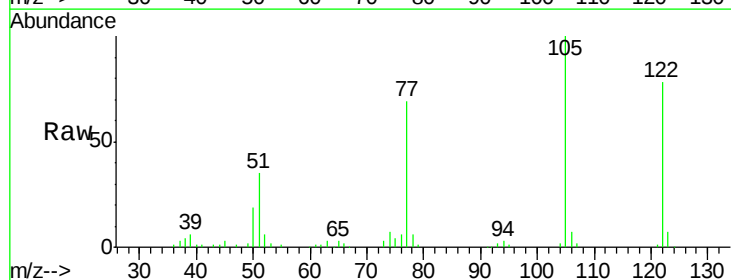
RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

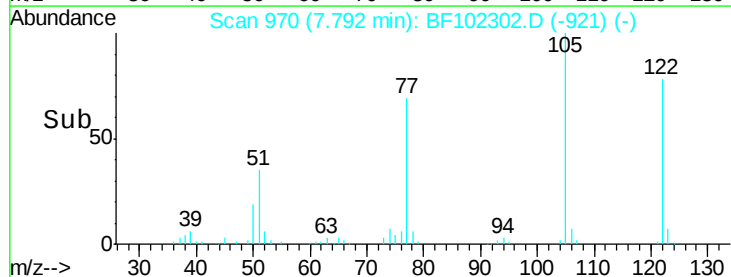
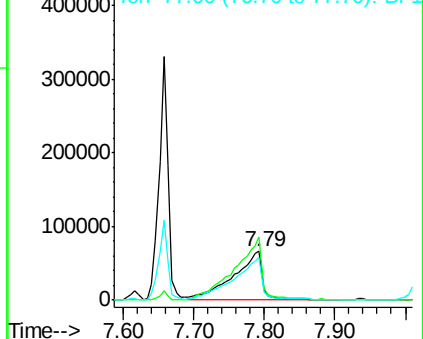
Lab File: BF102302.D

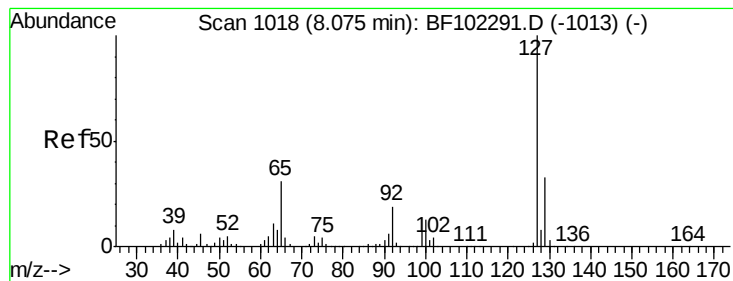
Acq: 22 Jan 2018 16:37

Tgt Ion:	122	Resp:	189527
Ion Ratio	Lower	Upper	
122	100		
105	128.4	101.1	141.1
77	88.8	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: 15.921 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

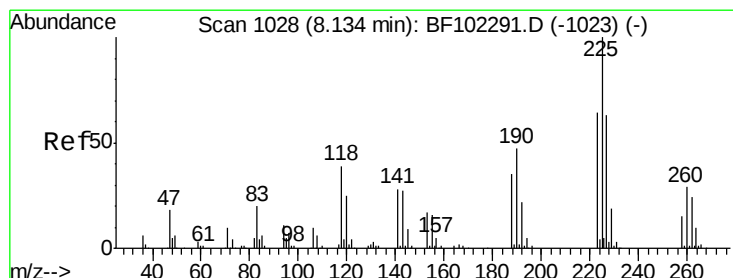
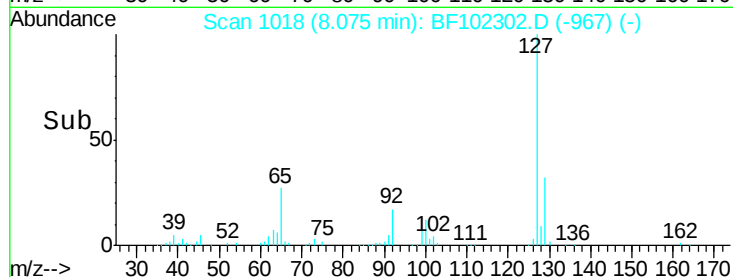
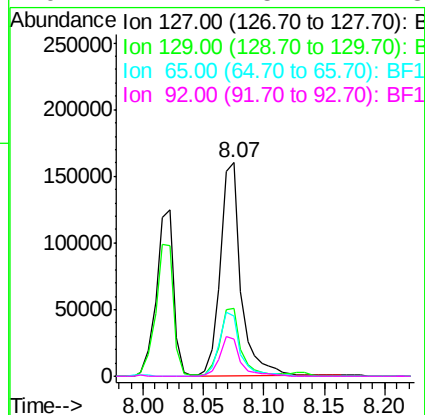
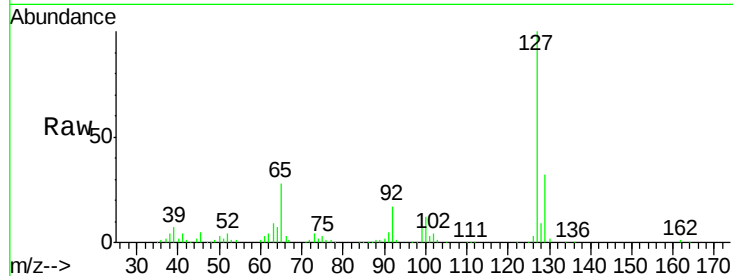
ClientSampled :

PB105847BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		189116		
129	31.7		25.9	38.9	
65	28.1		25.0	37.4	
92	17.2		15.2	22.8	

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#34

Hexachlorobutadiene

Concen: 31.633 ng

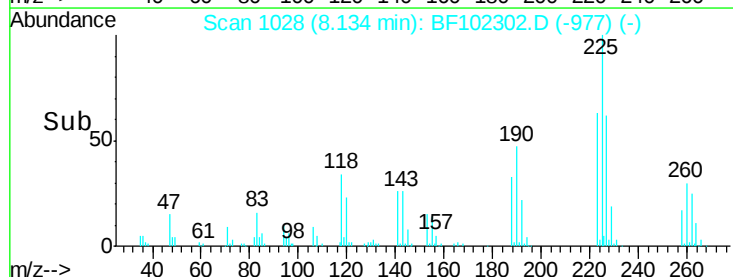
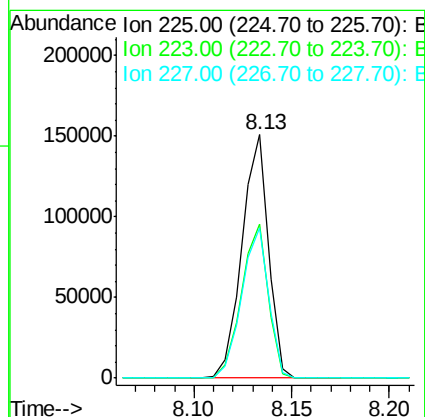
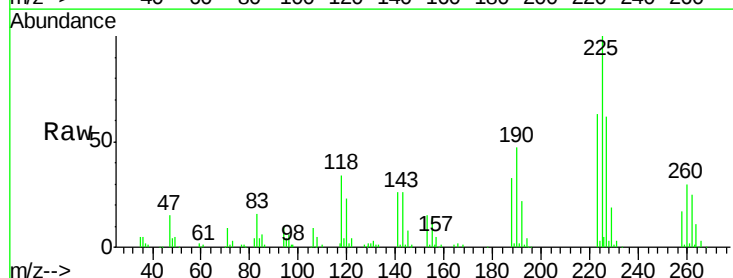
RT: 8.13 min Scan# 1028

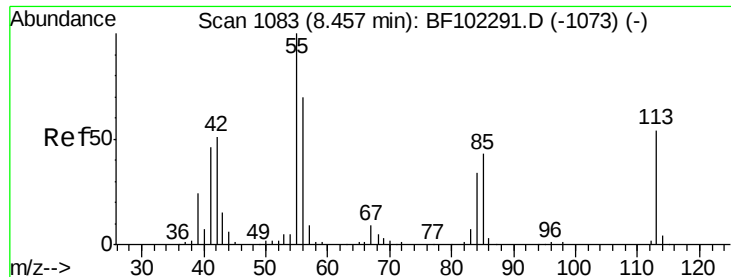
Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		142044		
223	63.3		50.6	76.0	
227	61.9		51.9	77.9	





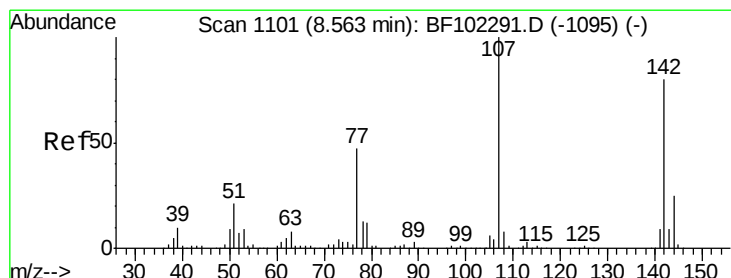
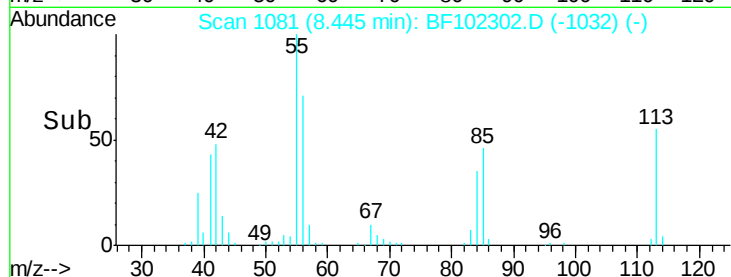
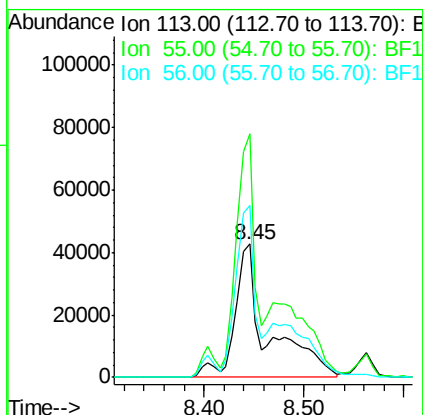
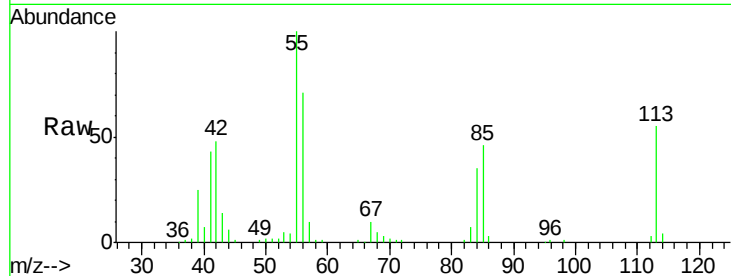
#35
Caprolactam
Concen: 37.252 ng/ml
RT: 8.45 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.6	163.3	203.3
56	129.4	115.7	155.7

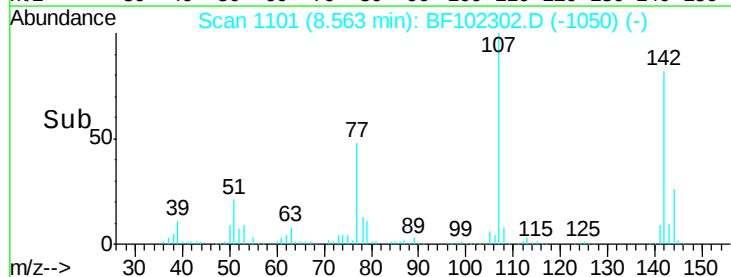
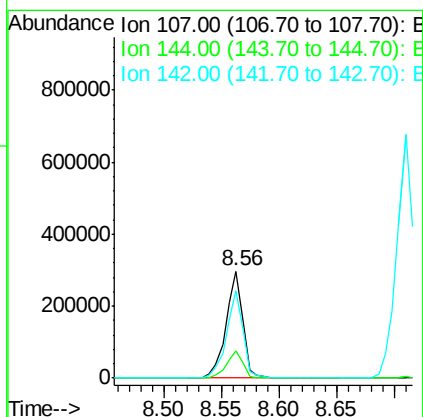
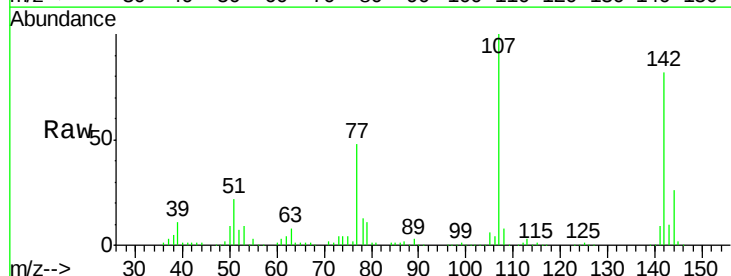
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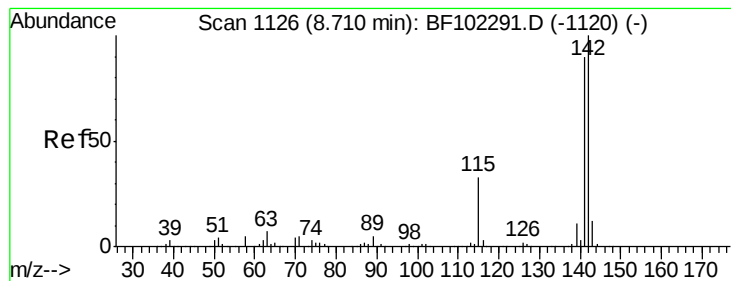
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#36
4-Chloro-3-methylphenol
Concen: 36.049 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	81.9	62.0	93.0





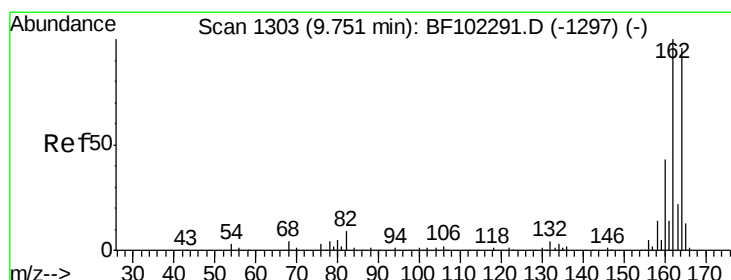
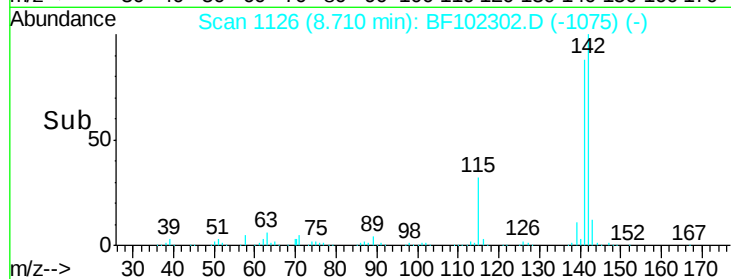
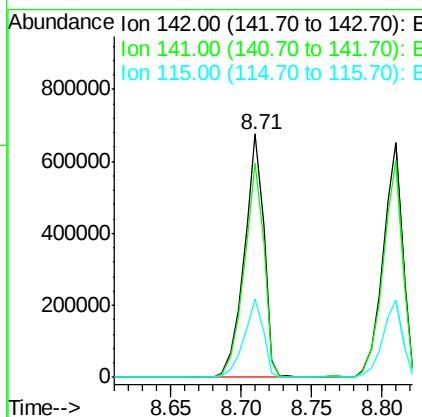
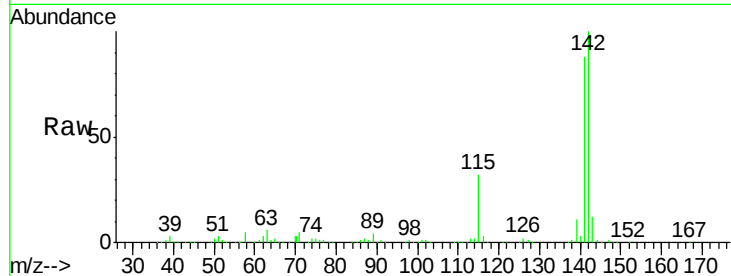
#37
2-Methylnaphthalene
Concen: 34.701 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampled :
PB105847BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	32.3	26.1	39.1

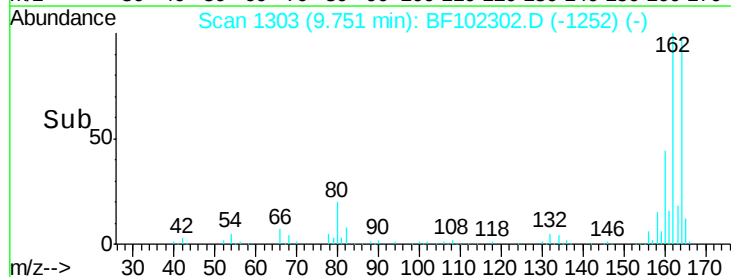
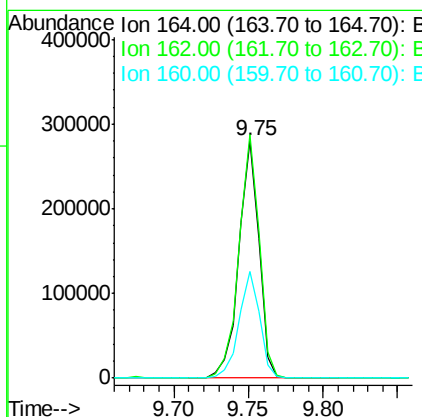
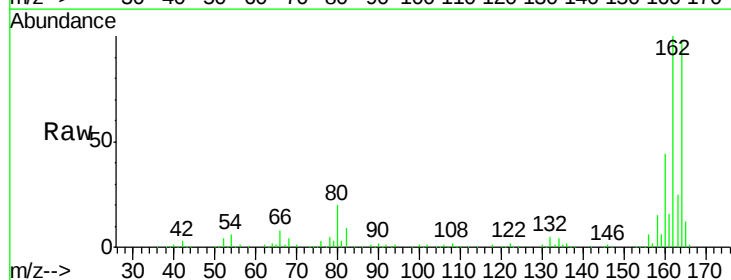
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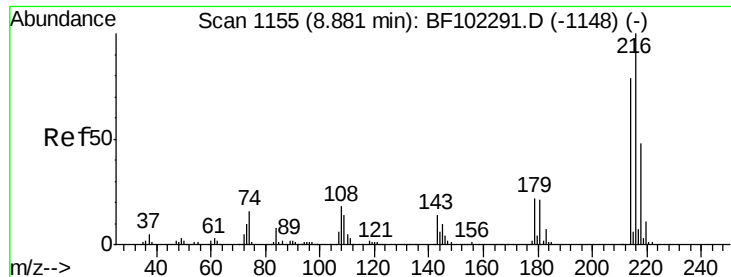
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.1	38.3	57.5





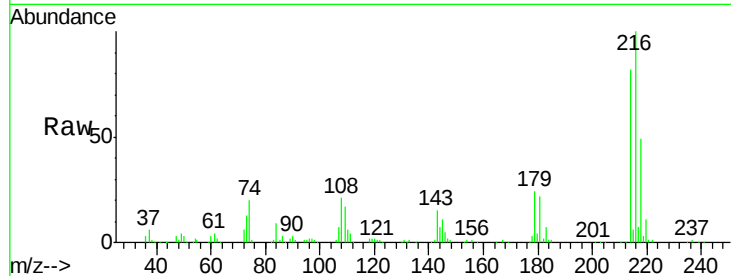
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.610 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

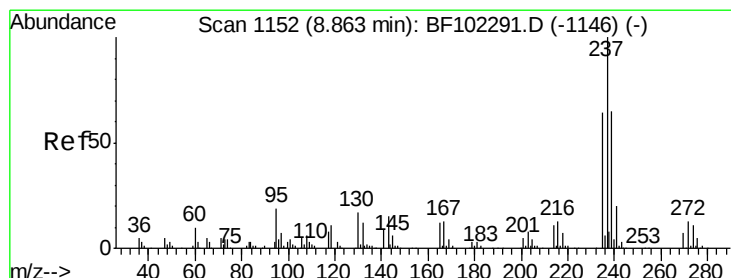
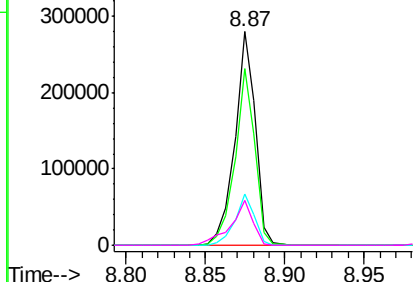
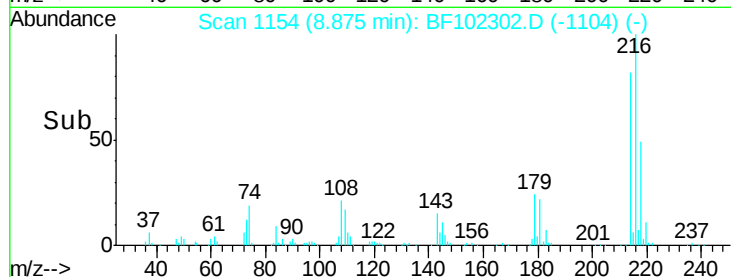
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		251117		
214	80.1		63.0	94.4	
179	22.9		18.1	27.1	
108	23.0		17.2	25.8	

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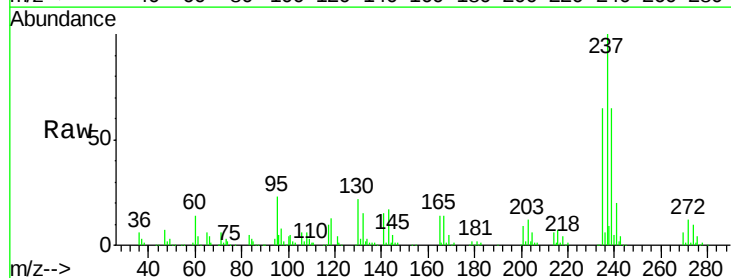


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

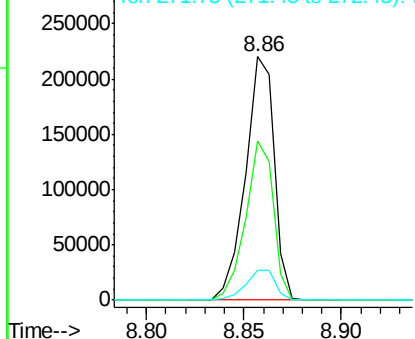
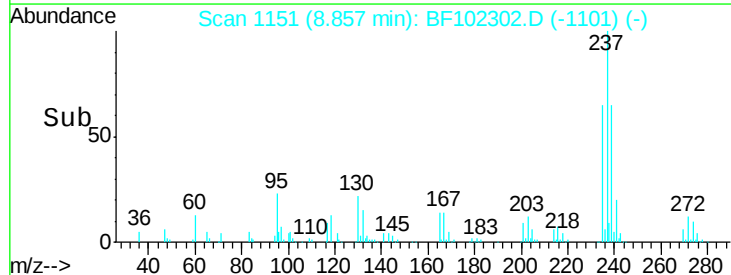


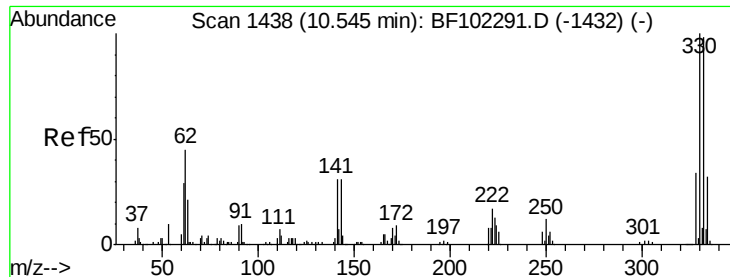
#40
 Hexachlorocyclopentadiene
 Concen: 63.382 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		225340		
235	65.4		44.8	84.8	
272	12.5		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





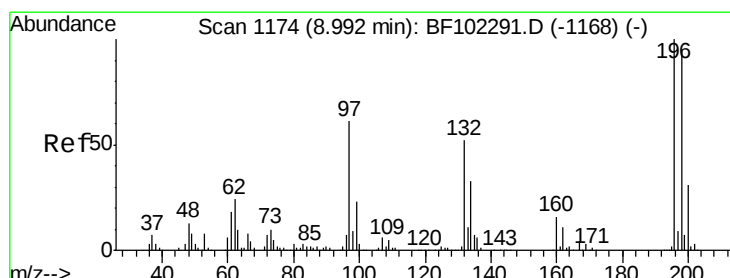
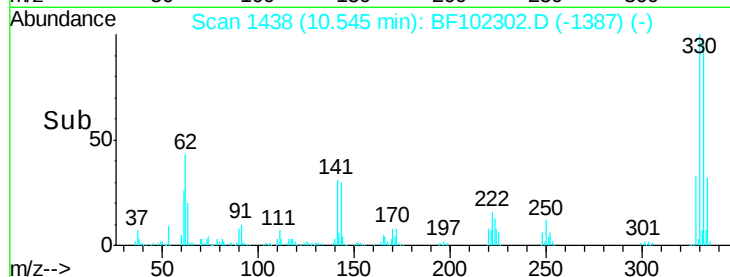
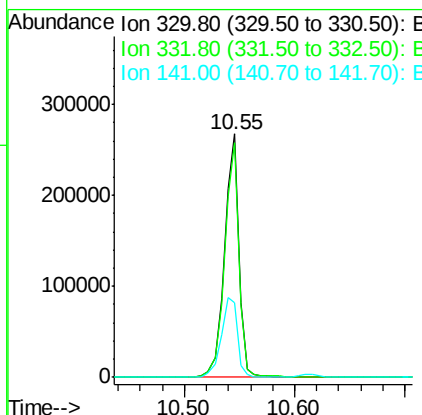
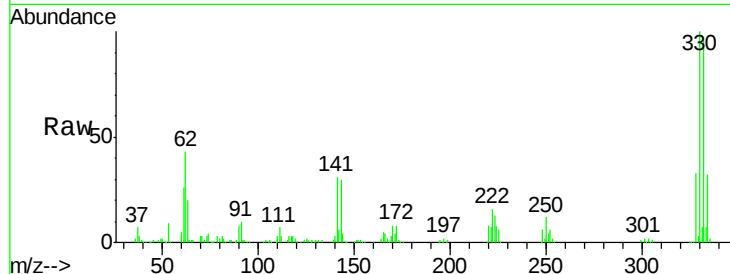
#41
 2,4,6-Tribromophenol
 Concen: 94.017 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245985		
332	95.8	77.0	115.6	
141	36.8	29.9	44.9	

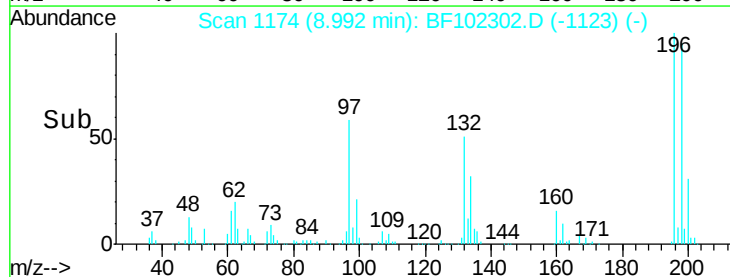
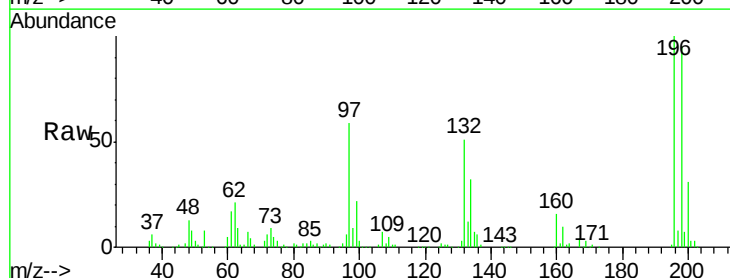
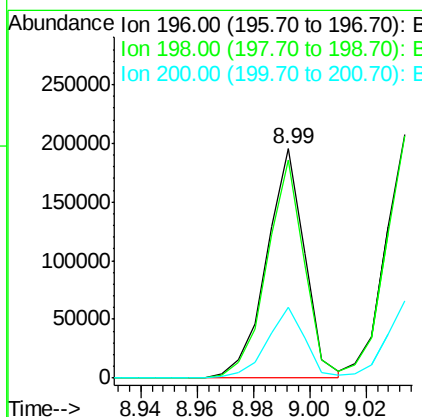
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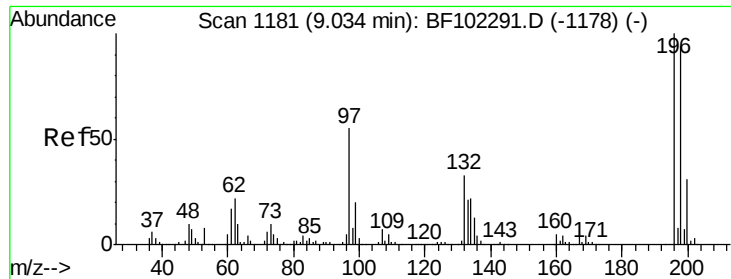
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 34.352 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182690		
198	95.0	75.7	113.5	
200	30.9	24.5	36.7	





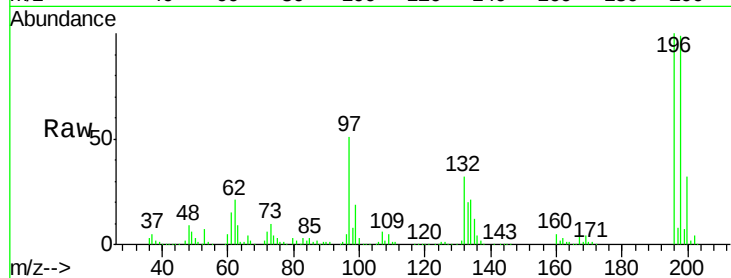
#43
 2,4,5-Trichlorophenol
 Concen: 32.173 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		192646		
198	99.4		74.6	112.0	
97	51.4		42.9	64.3	
132	32.5		26.3	39.5	

Manual Integrations
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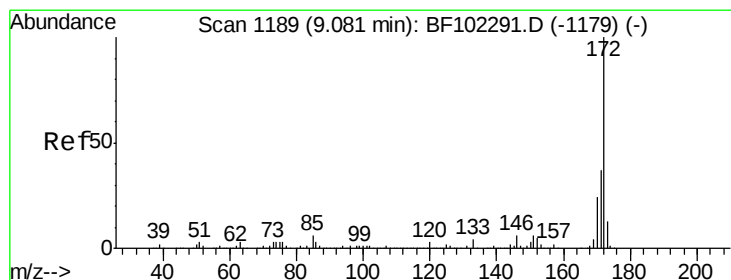
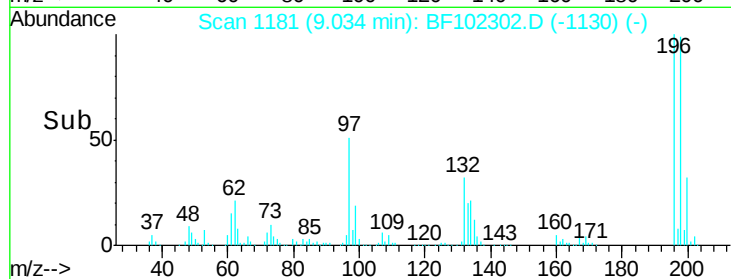
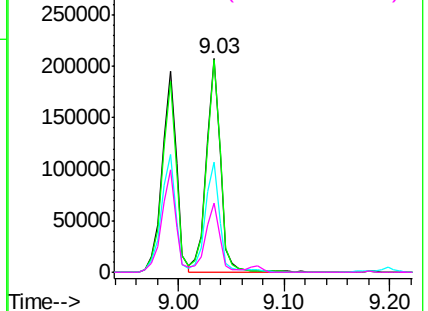
Abundance

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: 67.952 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

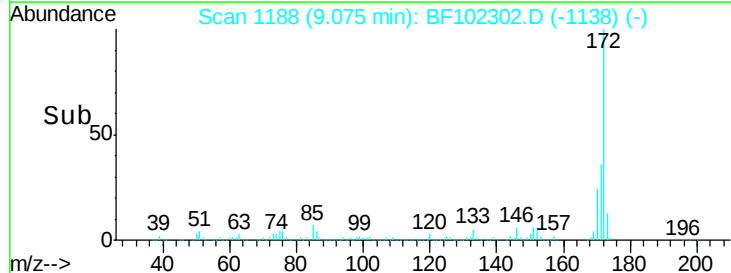
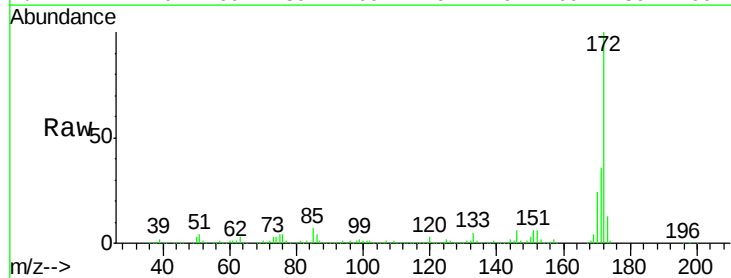
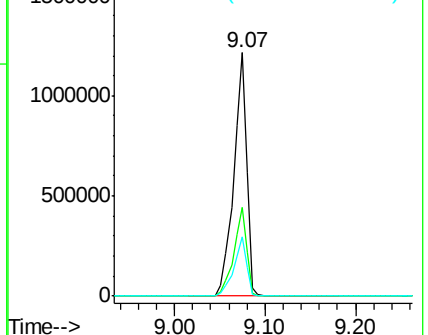
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1220311		
171	36.3		29.7	44.5	
170	24.5		19.6	29.4	

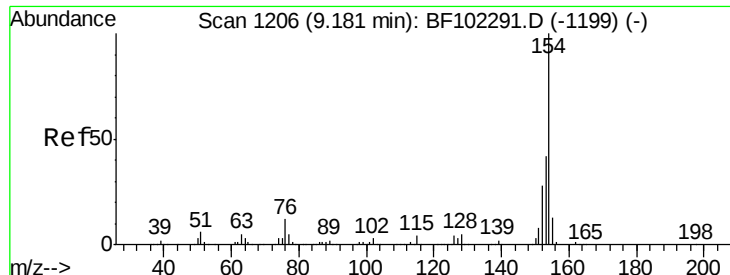
Abundance

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





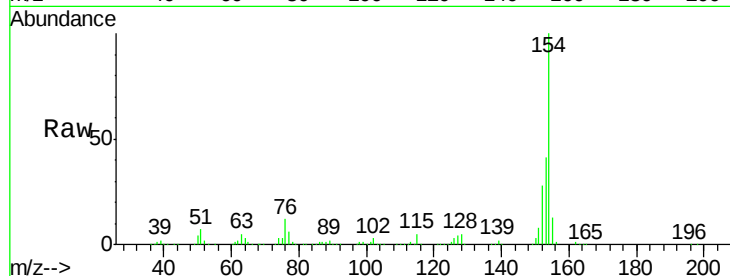
#45
 1,1'-Biphenyl
 Concen: 32.443 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampled :
 PB105847BS

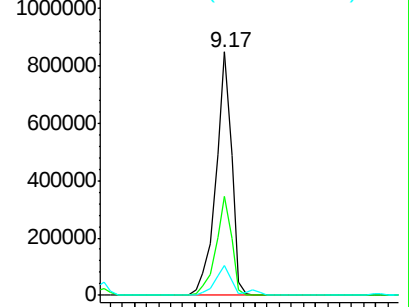
Tot Ion:	154	Resp:	765991
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.2	0.0	34.0

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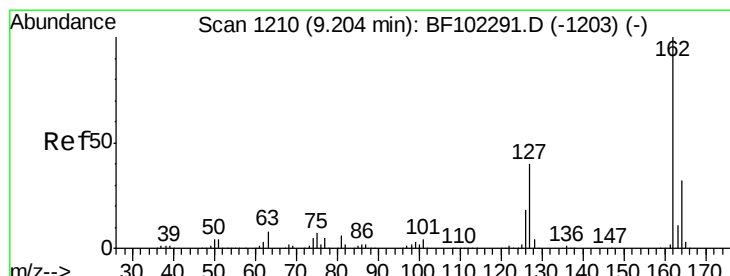
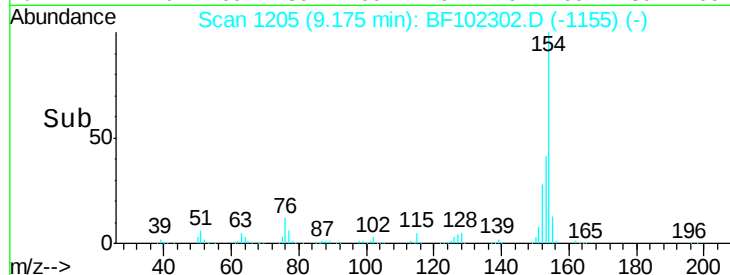
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Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

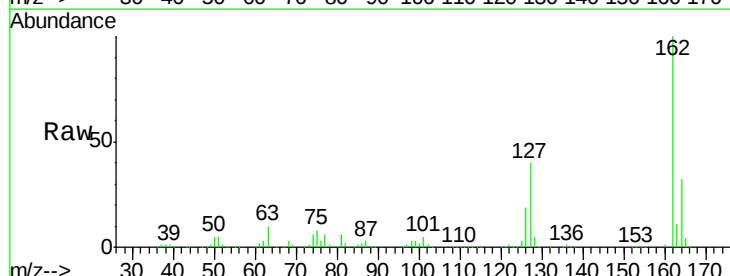


Time-->

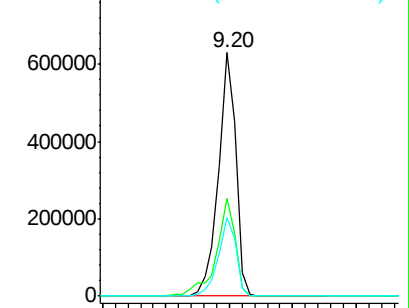


#46
 2-Chloronaphthalene
 Concen: 32.309 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

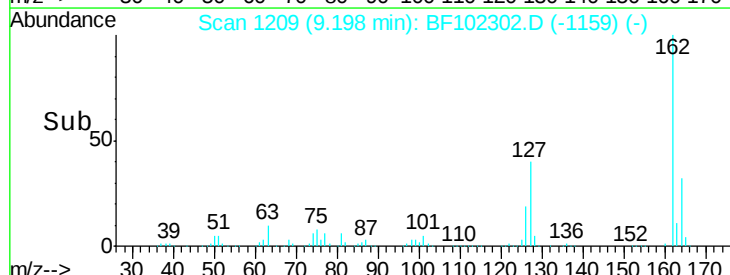
Tgt Ion:	162	Resp:	592943
Ion Ratio	Lower	Upper	
162	100		
127	40.3	33.9	50.9
164	32.2	26.5	39.7

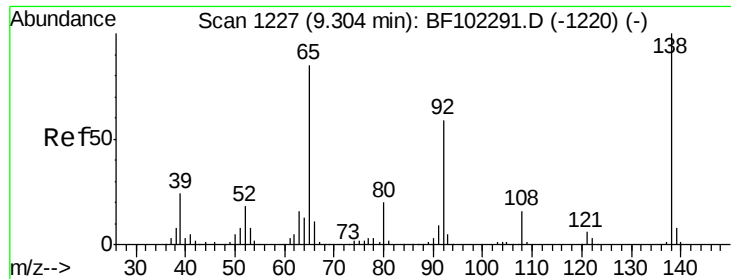


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->





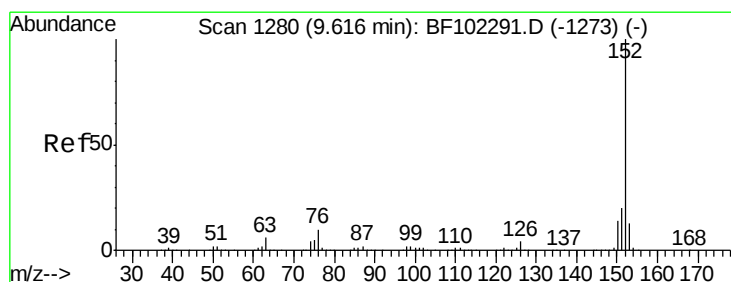
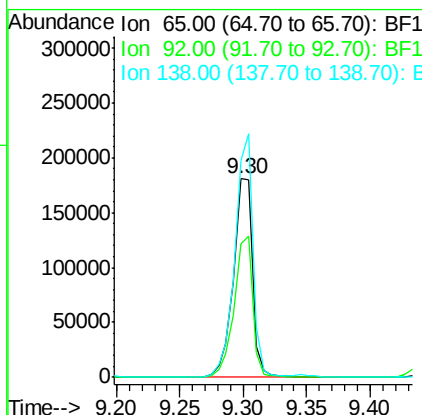
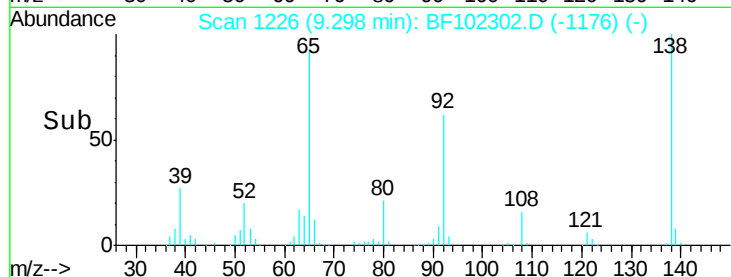
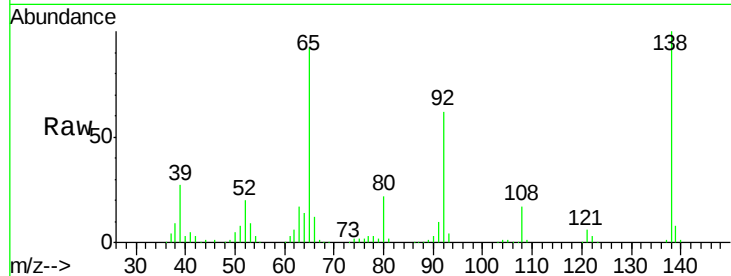
#47
2-Nitroaniline
Concen: 33.003 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	55.8	83.6
138	109.1	91.2	136.8

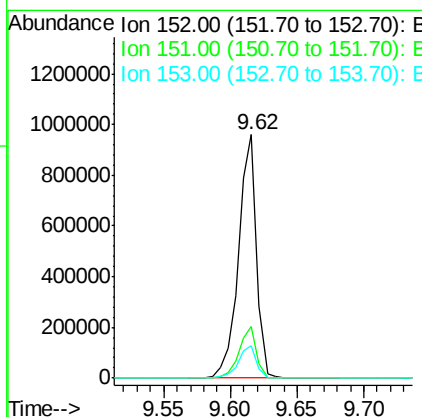
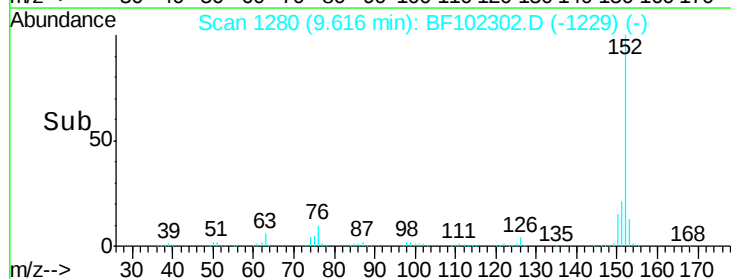
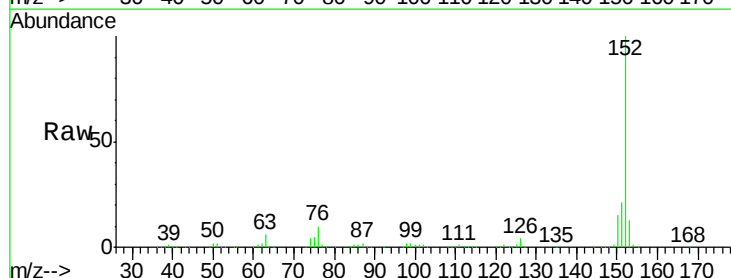
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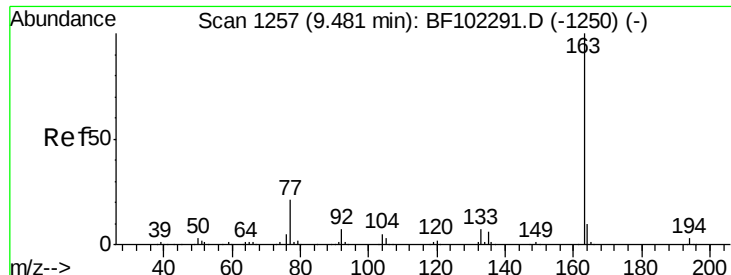
Sohil
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#48
Acenaphthylene
Concen: 31.520 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.3	10.7	16.1





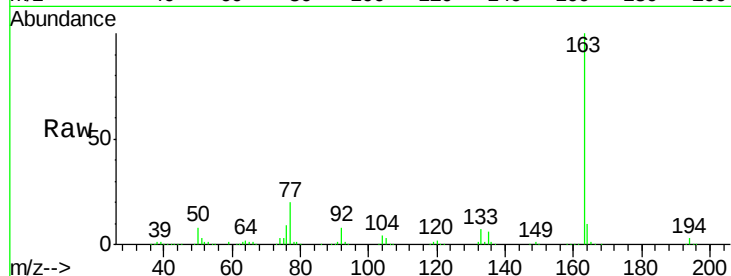
#49
Dimethylphthalate
Concen: 32.278 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

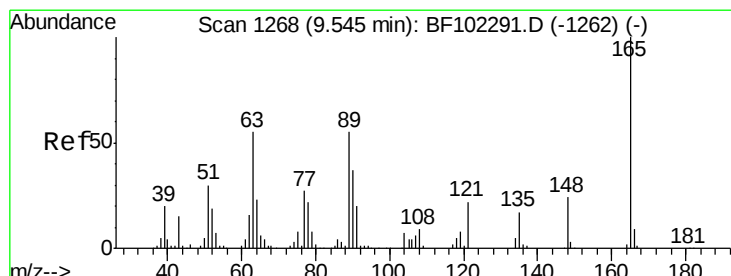
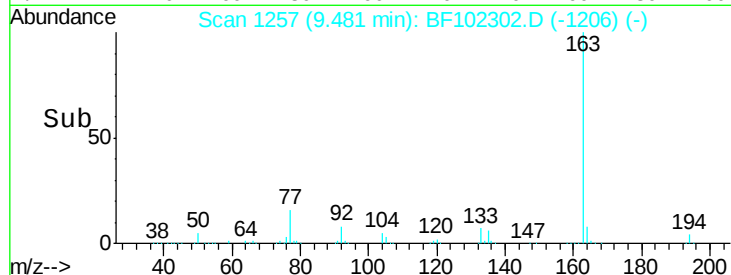
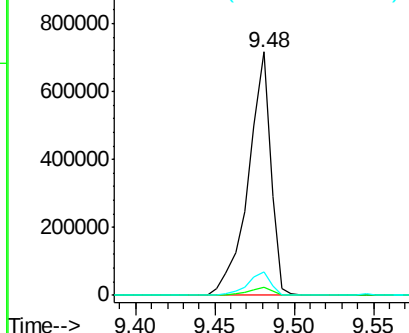
Tot Ion	Ratio	Resp	Lower	Upper
163	100	704482		
194	3.5		2.7	4.1
164	9.8		8.2	12.2

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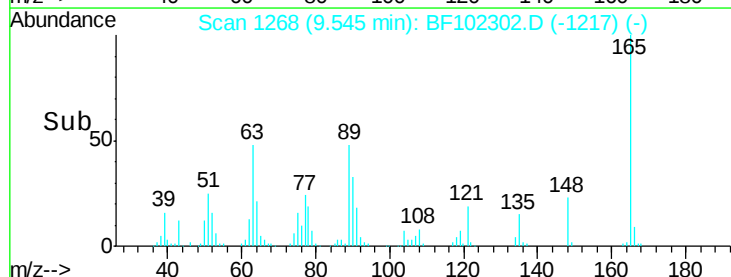
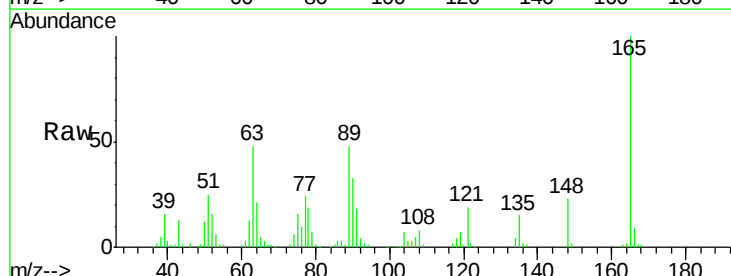
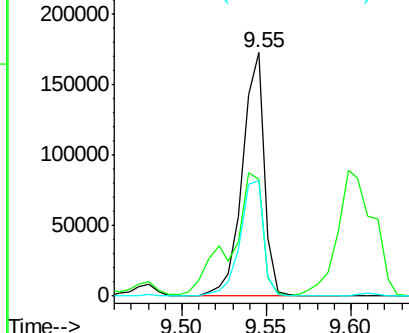
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

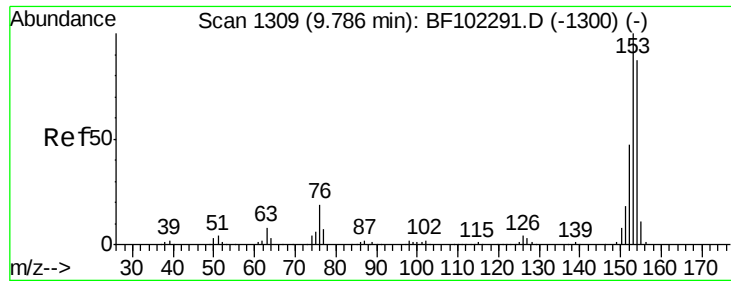


#50
2,6-Dinitrotoluene
Concen: 33.348 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	156923		
63	47.9		44.7	67.1
89	47.5		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: 31.548 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

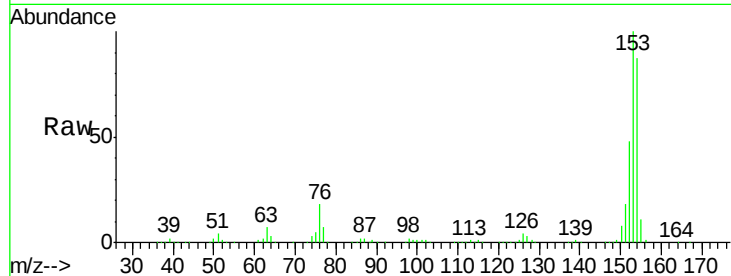
ClientSampleId :

PB105847BS

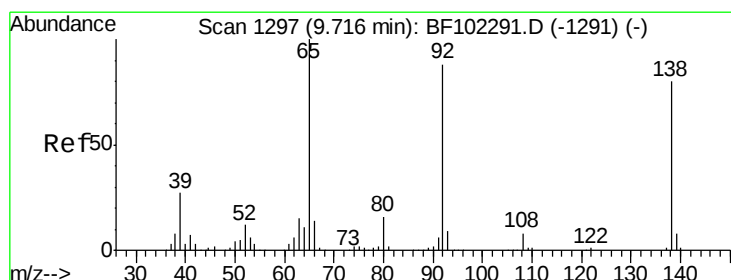
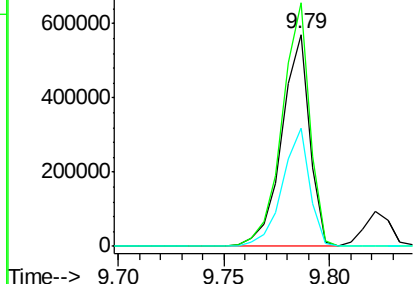
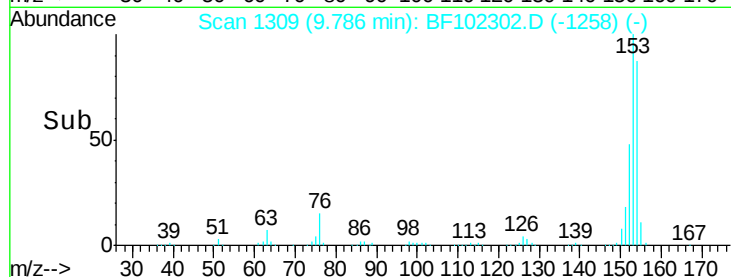
Tot Ion:	154	Resp:	526791
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	55.4	43.8	65.8

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



#52

3-Nitroaniline

Concen: 20.117 ng

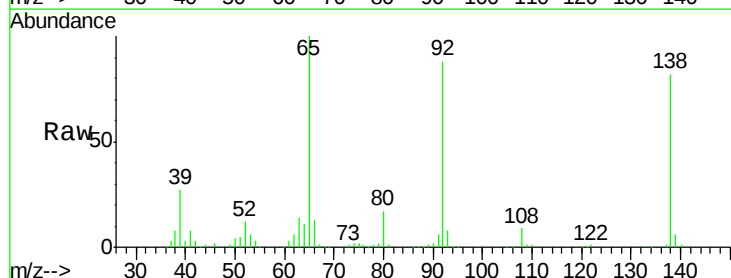
RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

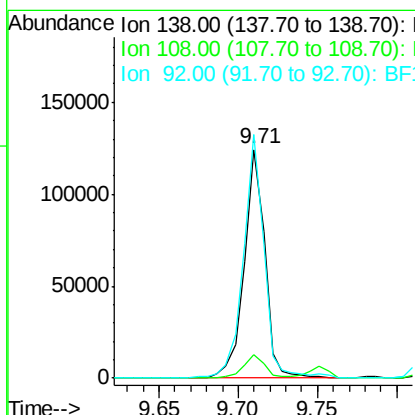
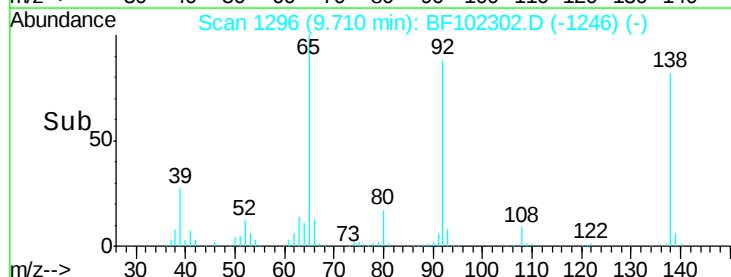
Lab File: BF102302.D

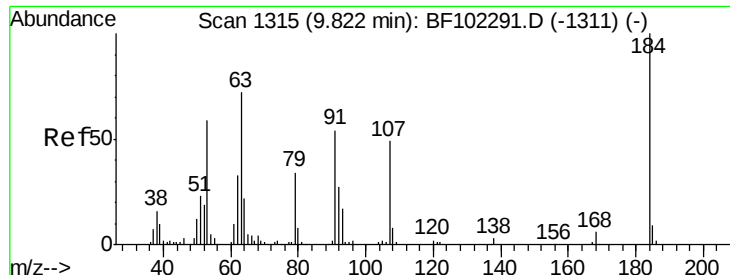
Acq: 22 Jan 2018 16:37

Tgt Ion:	138	Resp:	111985
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	106.4	89.4	134.2



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





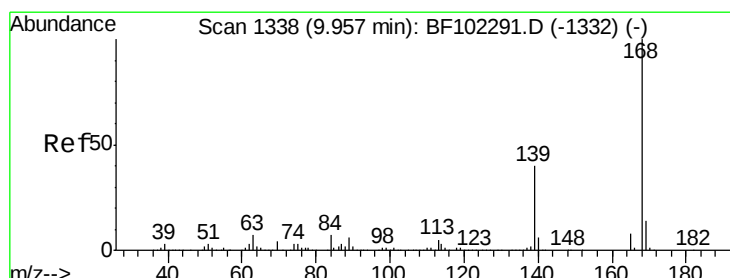
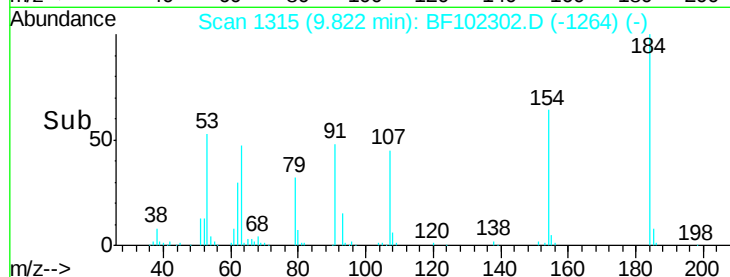
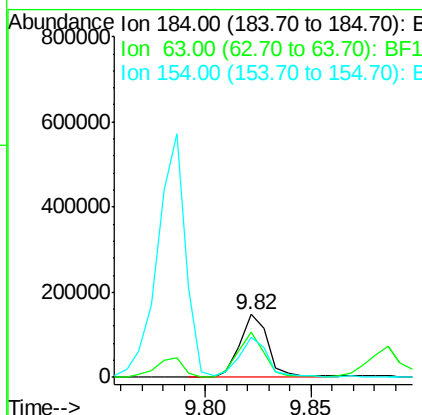
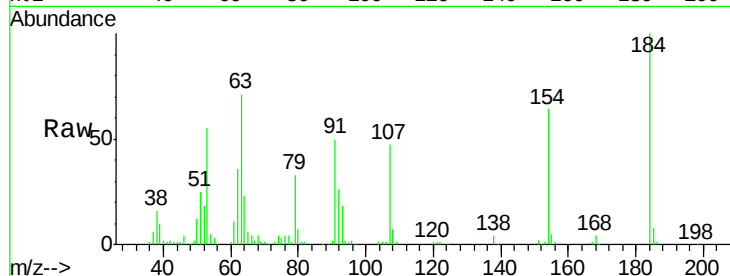
#53
2,4-Dinitrophenol
Concen: 66.658 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	139370		
63	71.3	54.2	81.2	
154	63.5	184.0	276.0	

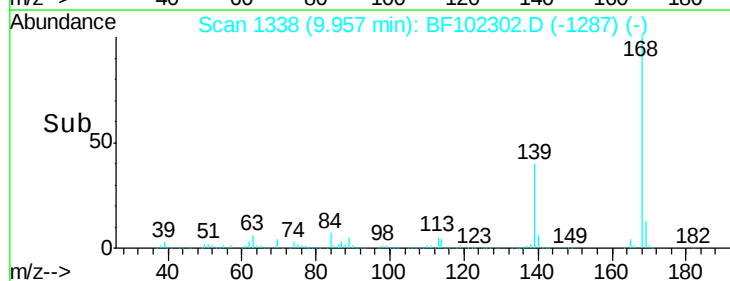
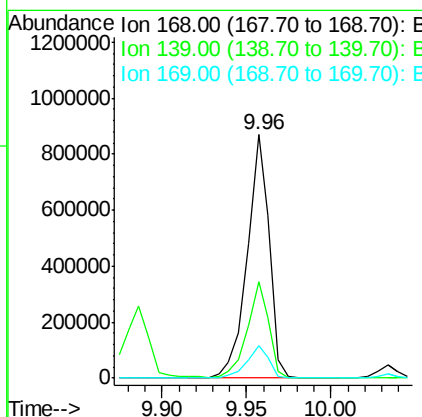
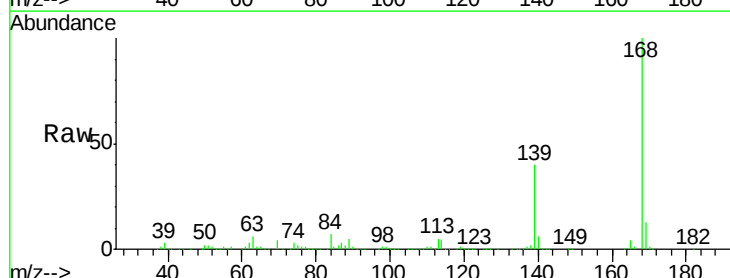
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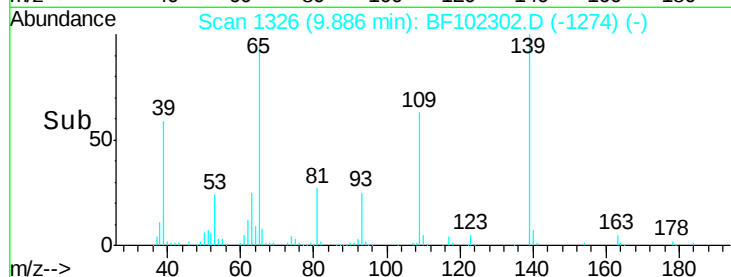
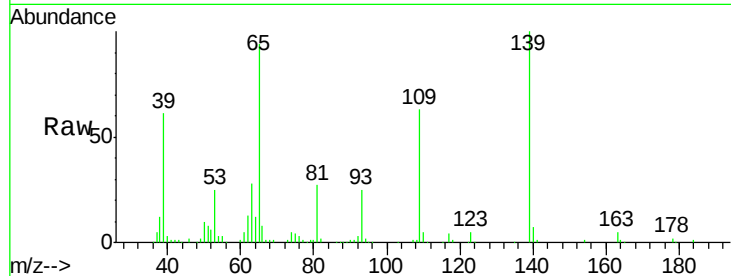
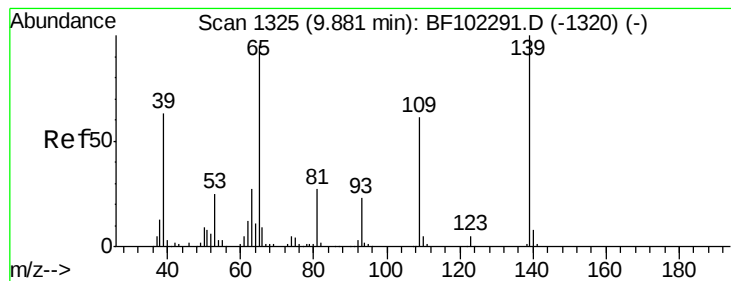
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#54
Dibenzofuran
Concen: 35.104 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	793315		
139	39.7	30.1	45.1	
169	13.4	10.9	16.3	





#55

4-Nitrophenol

Concen: 71.030 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tot Ion:	139	Resp:	261003
Ion Ratio	Lower	Upper	
139	100		
109	62.9	48.4	88.4
65	94.3	72.6	112.6

Instrument :

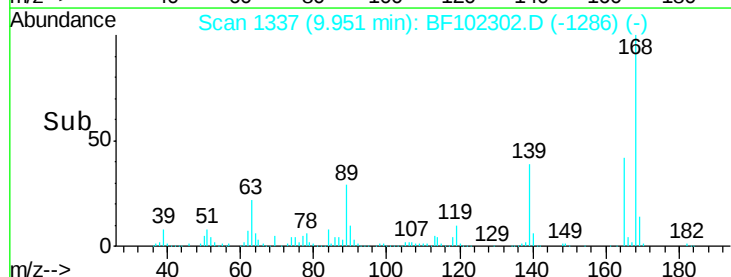
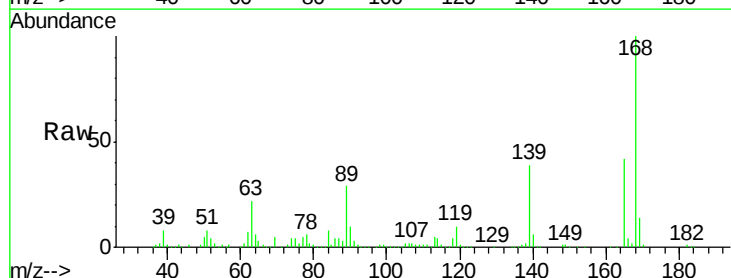
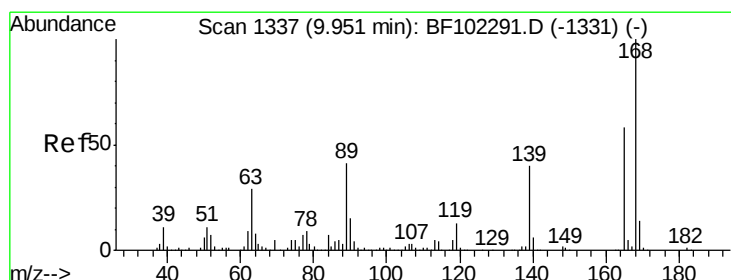
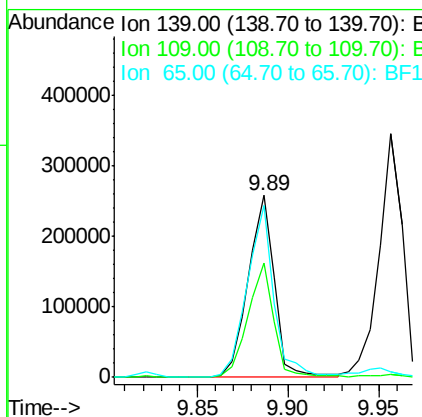
BNA_F

ClientSampleId :

PB105847BS

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#56

2,4-Dinitrotoluene

Concen: 34.817 ng

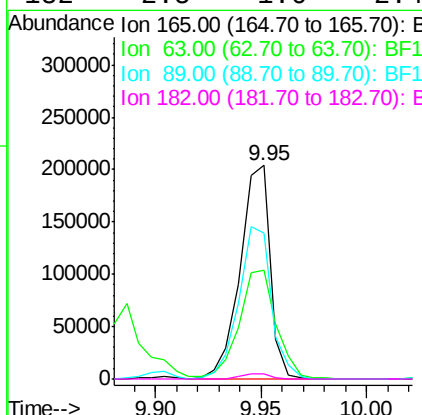
RT: 9.95 min Scan# 1337

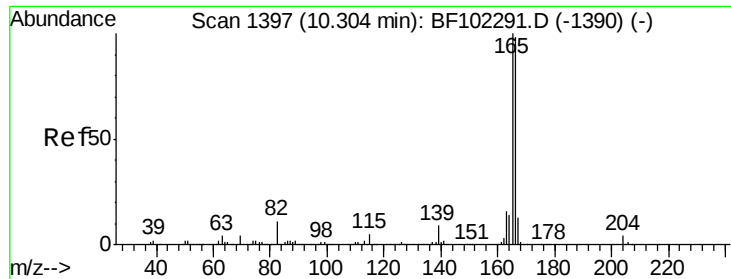
Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion:	165	Resp:	201471
Ion Ratio	Lower	Upper	
165	100		
63	51.1	36.4	54.6
89	68.1	57.8	86.6
182	2.5	1.6	2.4#





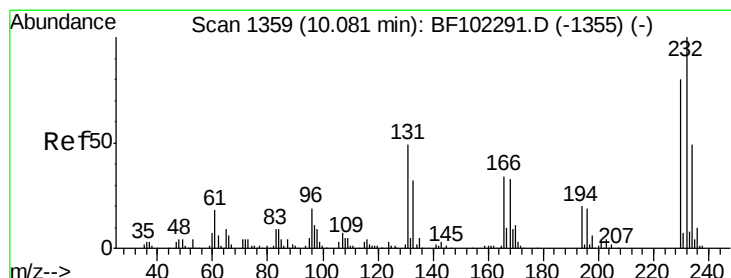
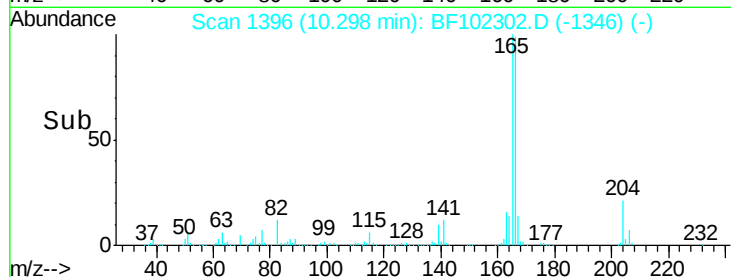
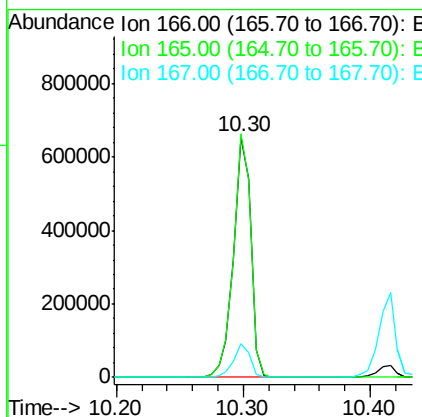
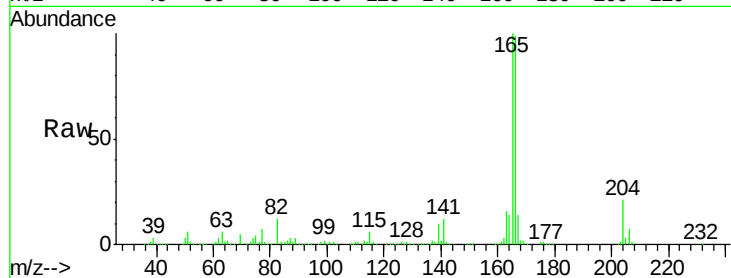
#57
 Fluorene
 Concen: 34.364 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.8	119.8
167	13.8	10.6	16.0

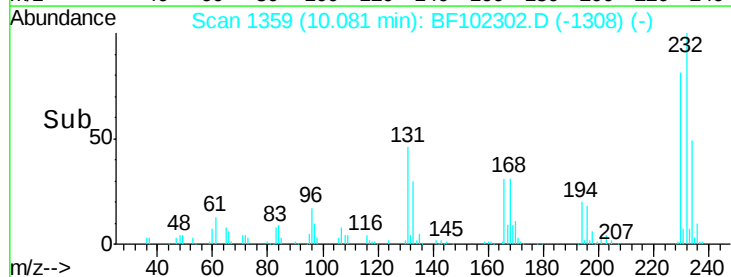
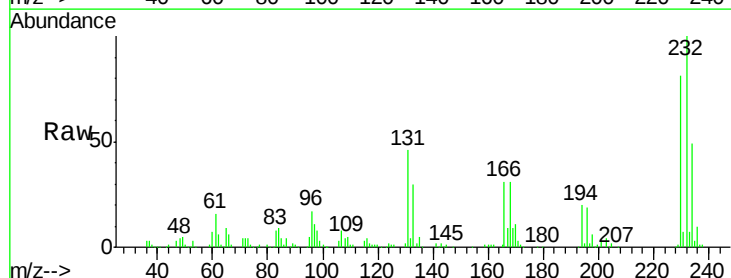
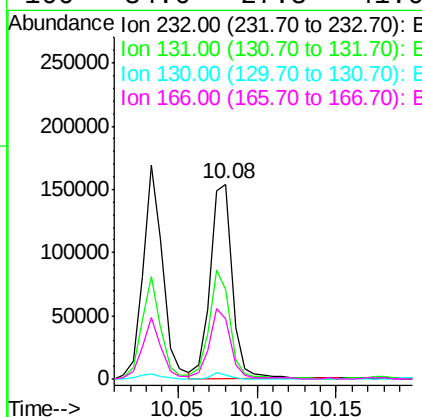
Manual Integrations
 APPROVED

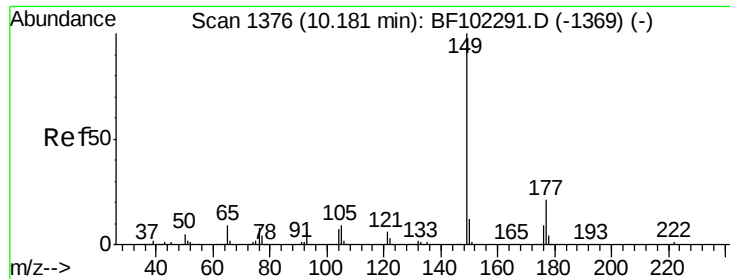
Sohil
 1/23/2018 12:46:38 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.315 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.1	43.8	65.8
130	2.6	2.1	3.1
166	34.6	27.8	41.6





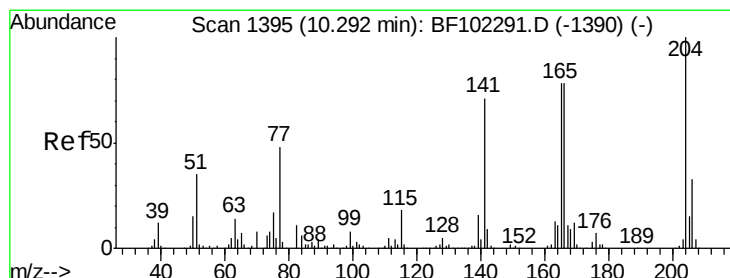
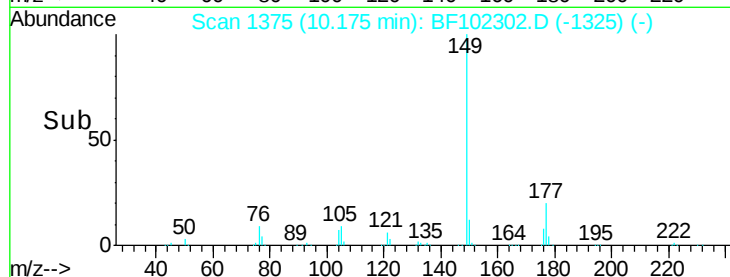
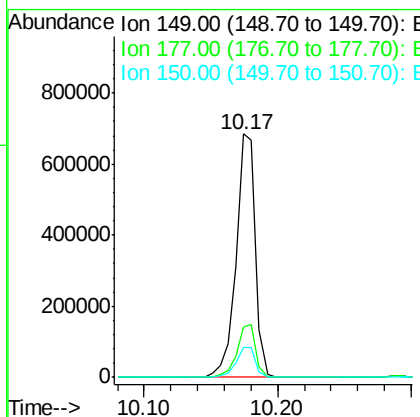
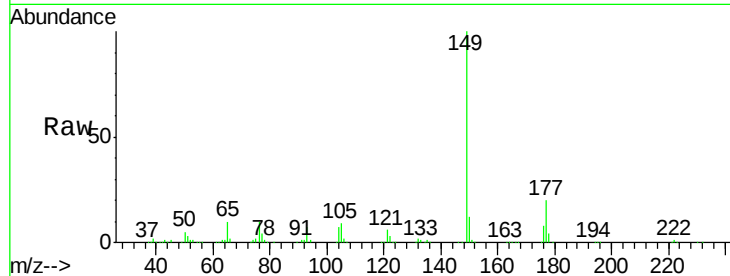
#59
Diethylphthalate
Concen: 32.552 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.4	10.1	15.1

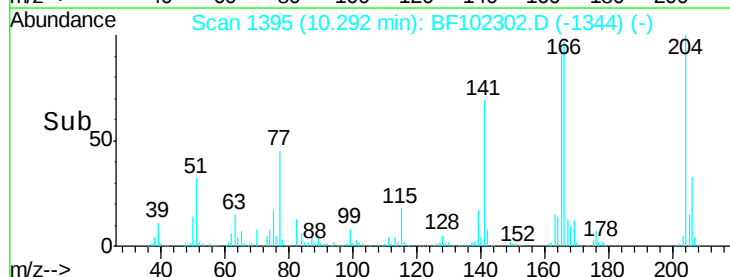
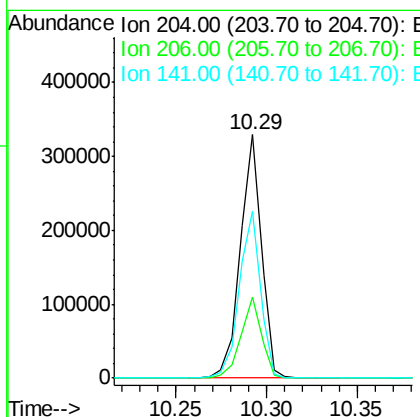
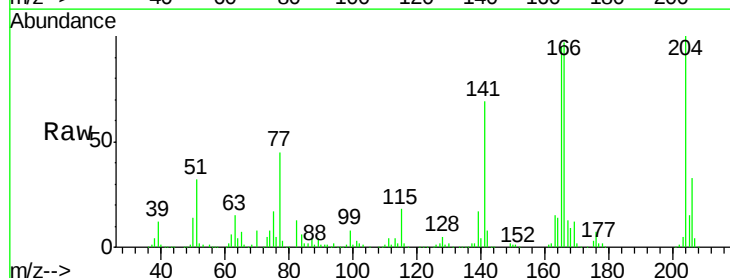
Manual Integrations
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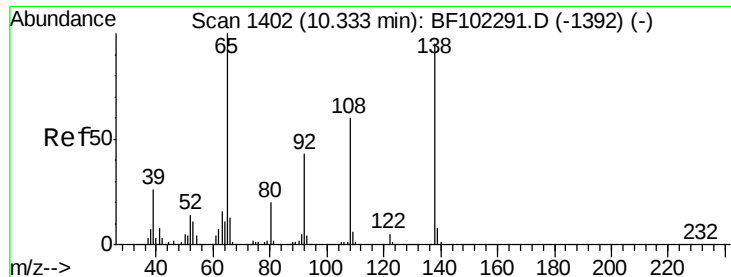
Sohil
1/23/2018 12:46:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.428 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	68.6	54.6	81.8





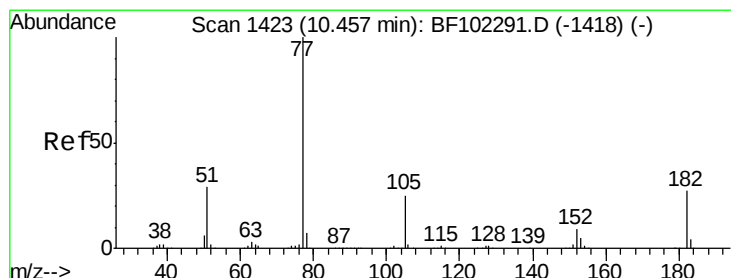
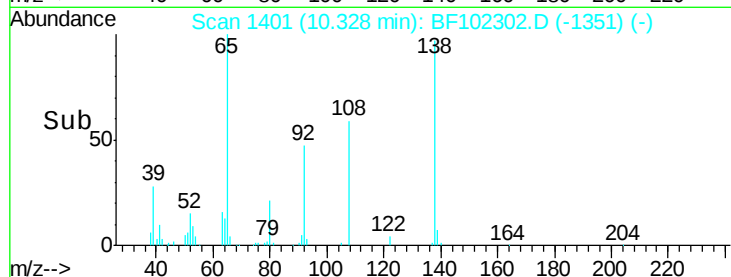
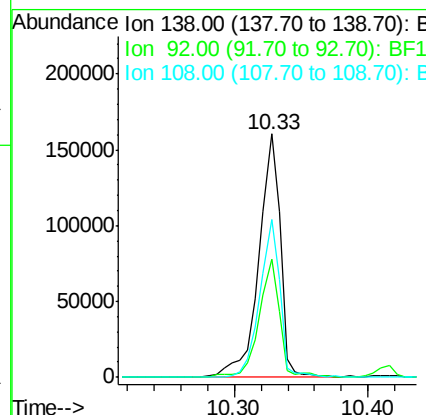
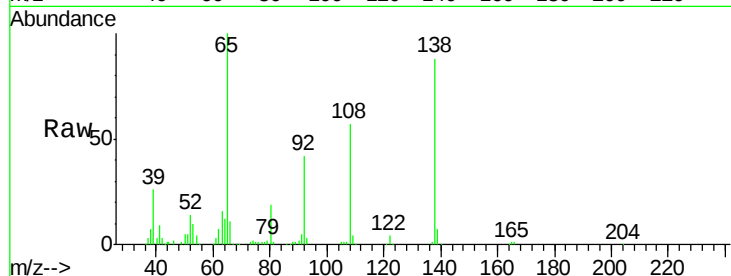
#61
4-Nitroaniline
Concen: 31.863 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	65.1	52.5	92.5

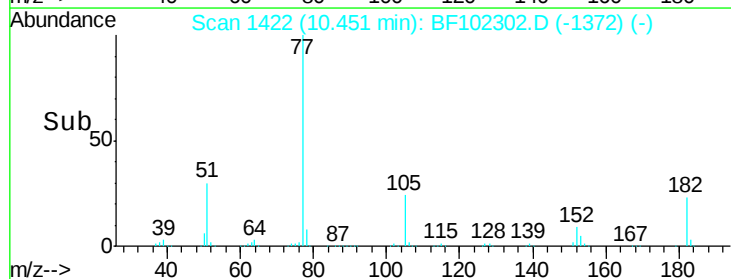
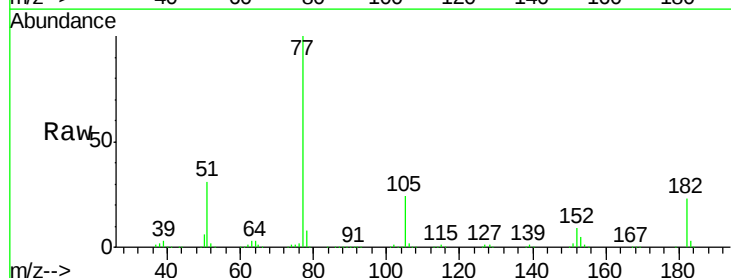
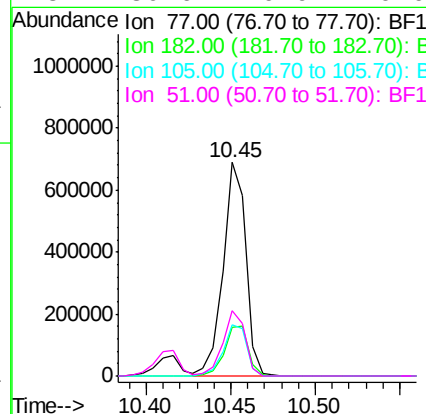
Manual Integrations
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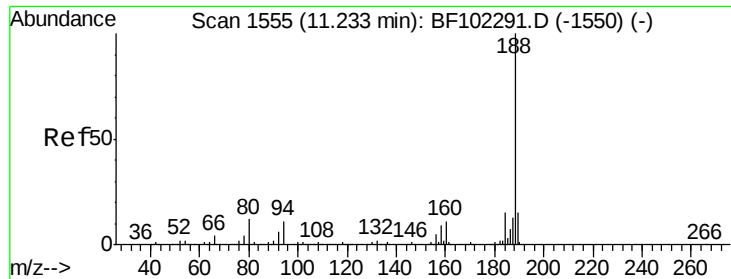
Sohil
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#62
Azobenzene
Concen: 33.224 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	24.0	3.0	43.0
51	30.6	9.9	49.9





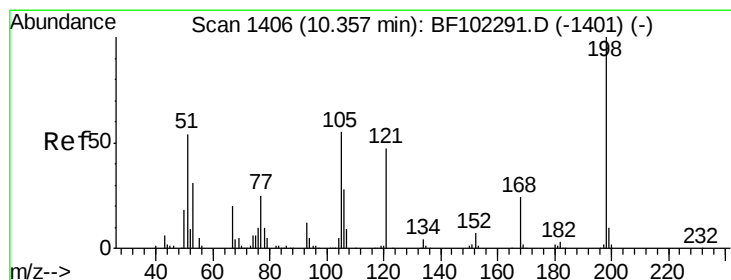
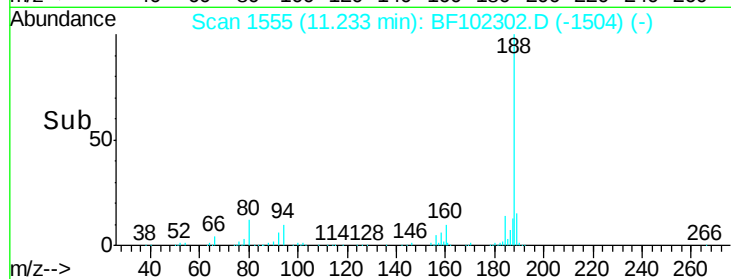
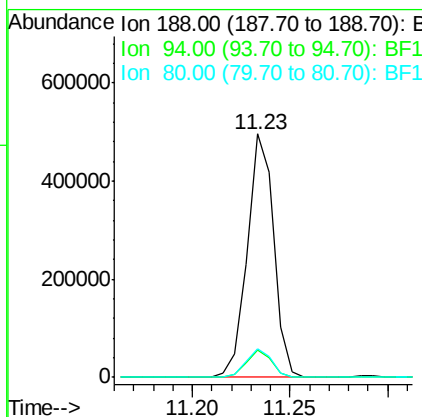
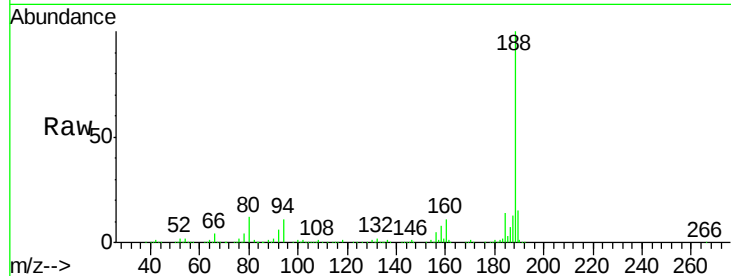
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	466007		
94	11.3		8.5	12.7
80	11.8		9.2	13.8

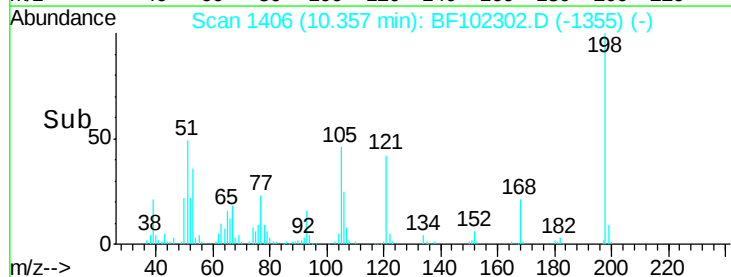
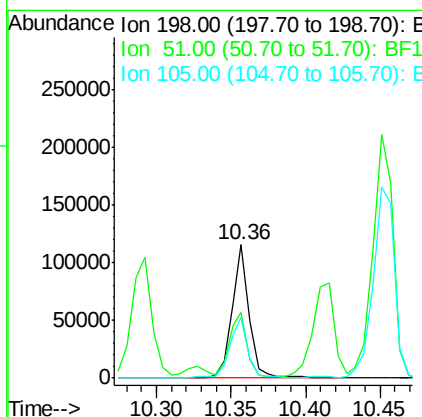
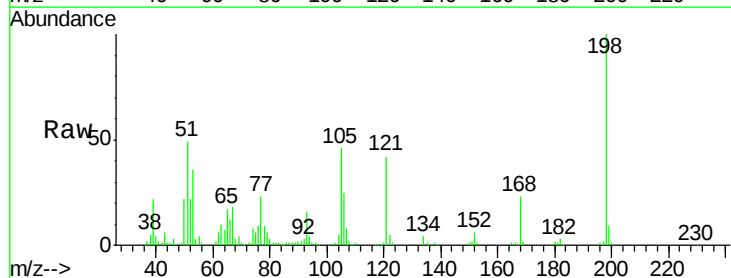
Manual Integrations
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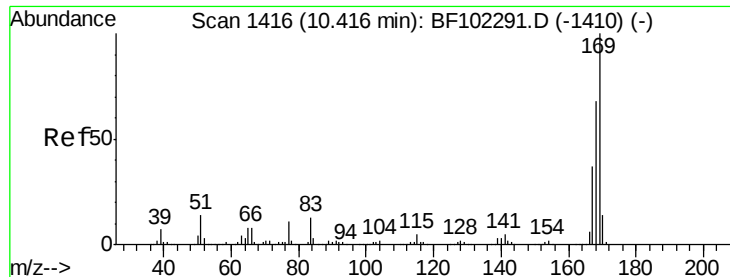
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.275 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	94126		
51	48.8		37.7	77.7
105	45.9		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 33.545 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

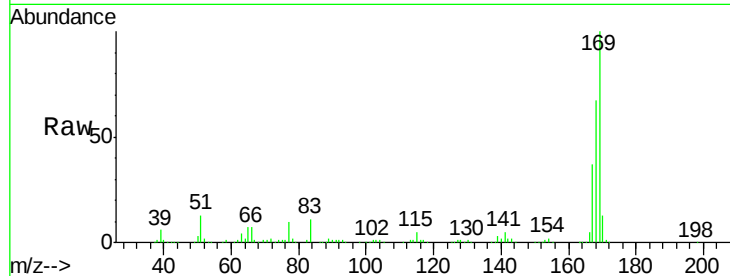
ClientSampleId :

PB105847BS

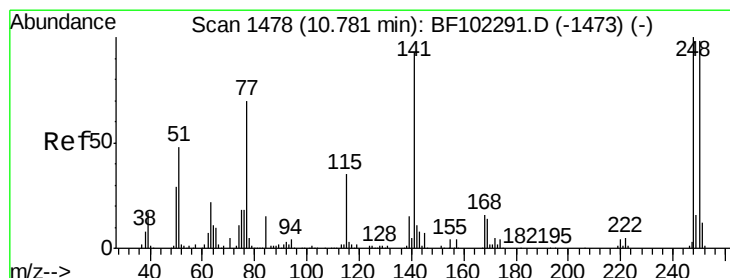
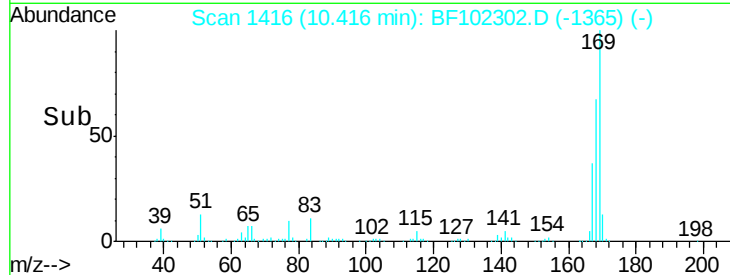
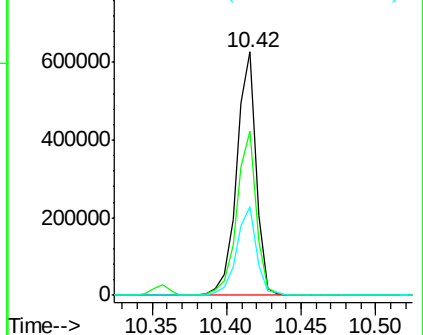
Tot Ion:	169	Resp:	573758
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.4	81.6
167	36.6	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 33.257 ng

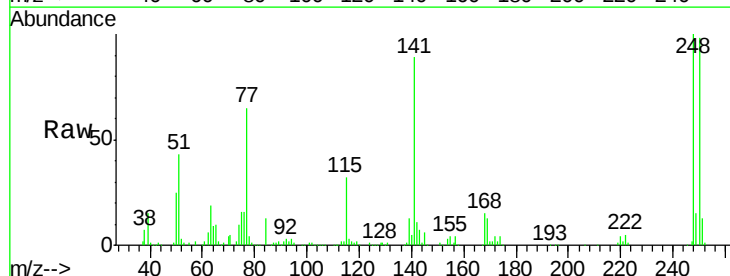
RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

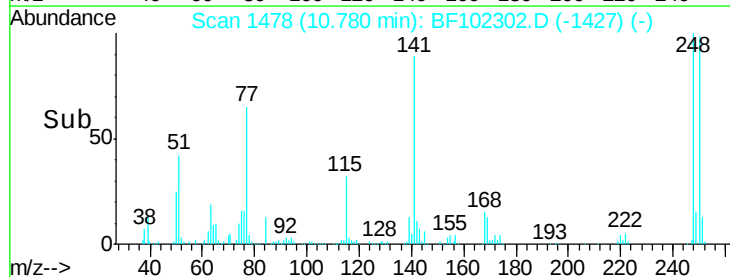
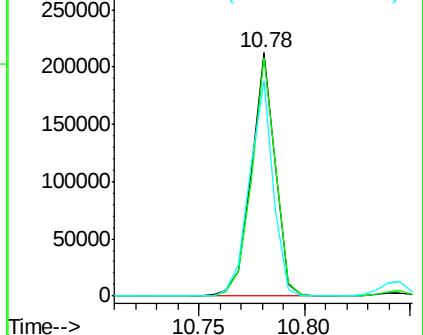
Lab File: BF102302.D

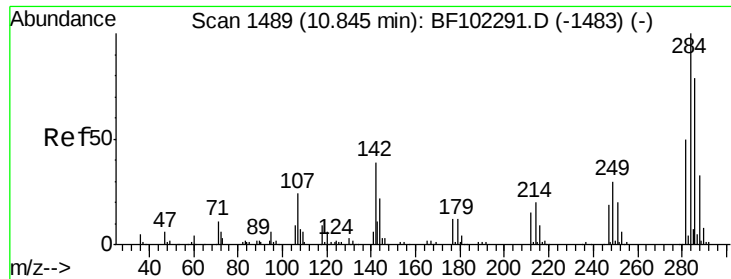
Acq: 22 Jan 2018 16:37

Tgt Ion:	248	Resp:	166837
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.9	115.3
141	88.6	74.4	111.6



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





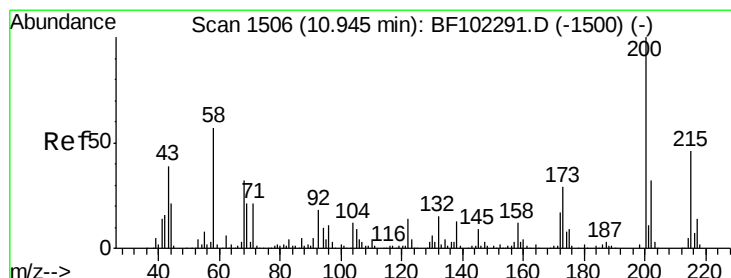
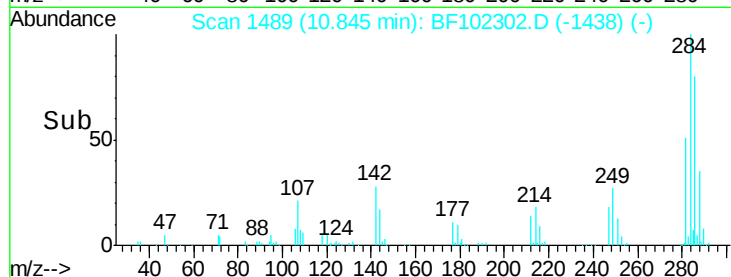
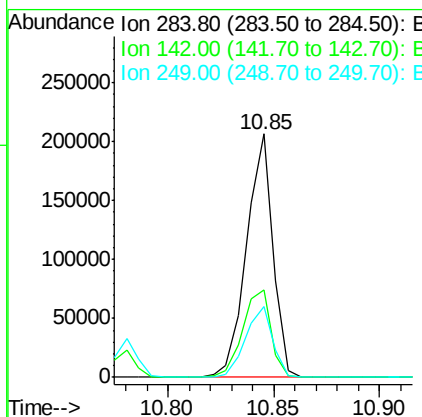
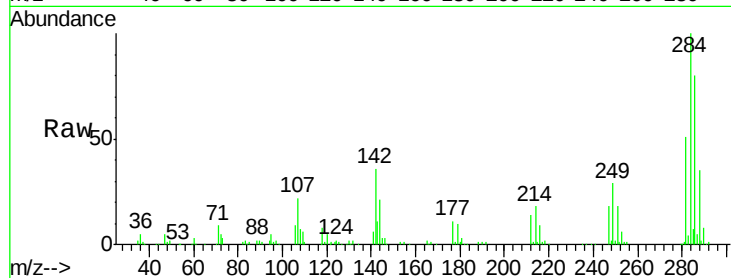
#67
Hexachlorobenzene
Concen: 32.015 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampled :
PB105847BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	179616		
142	36.0		34.6	52.0
249	29.3		24.8	37.2

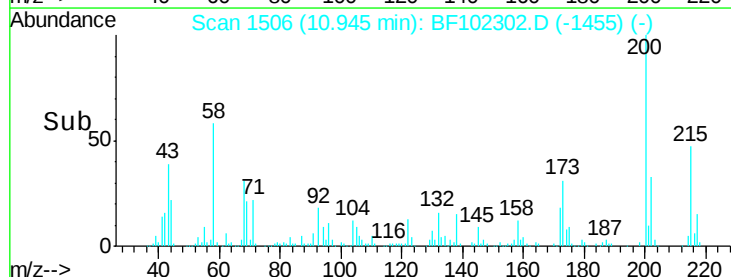
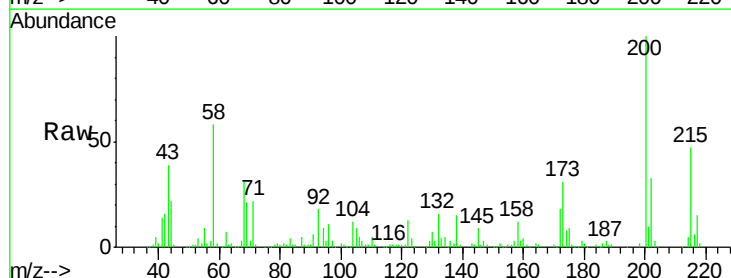
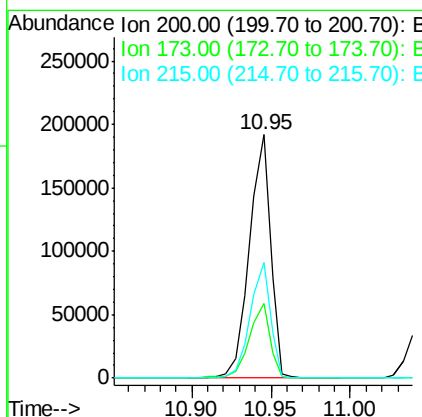
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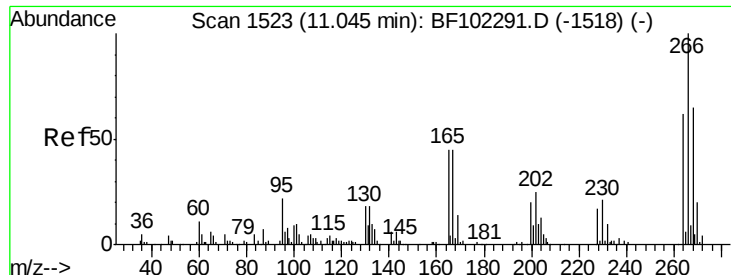
Sohil
1/23/2018 12:46:38 PM



#68
Atrazine
Concen: 35.327 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	178458		
173	30.9		8.6	48.6
215	47.3		25.1	65.1





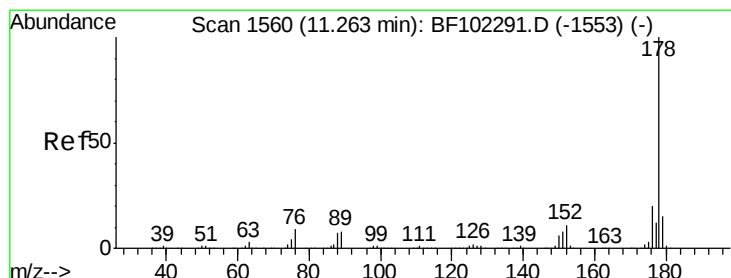
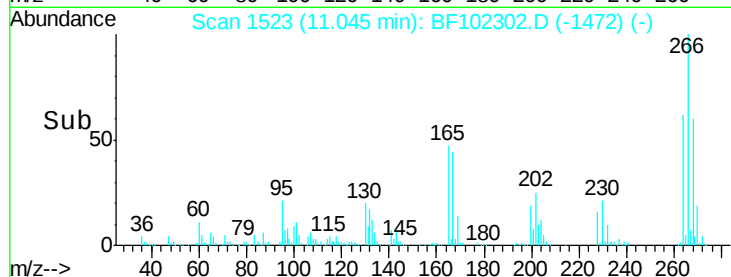
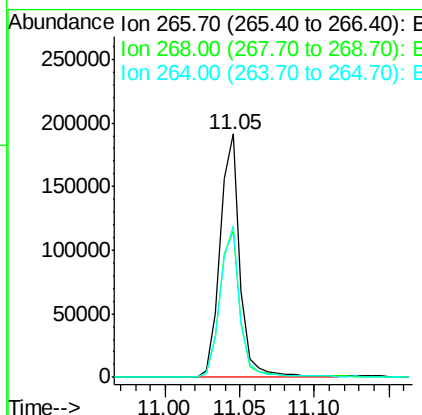
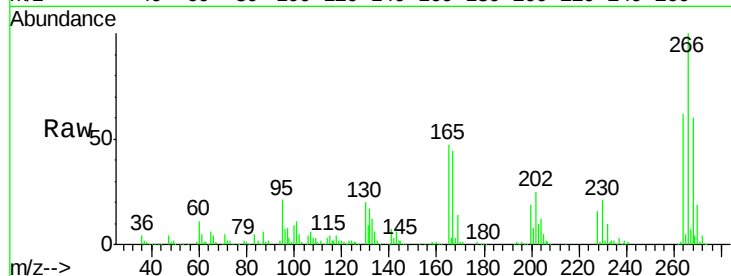
#69
 Pentachlorophenol
 Concen: 61.432 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampled :
 PB105847BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	181055		
268	60.2		51.1	76.7
264	62.4		49.5	74.3

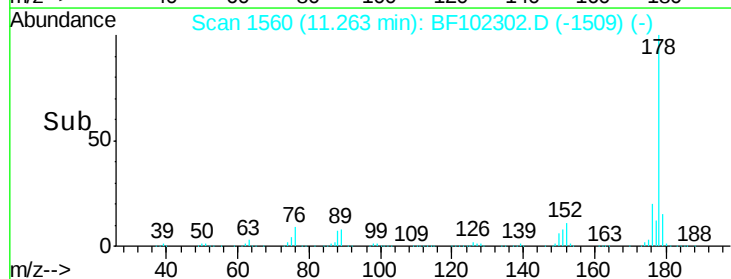
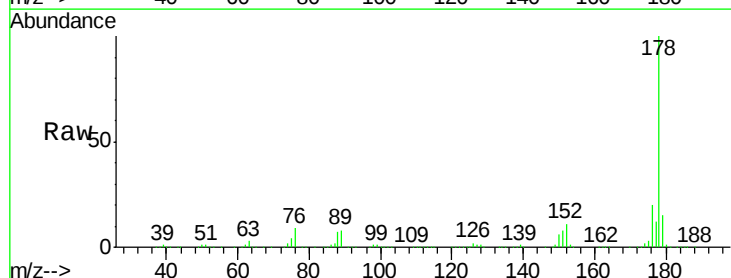
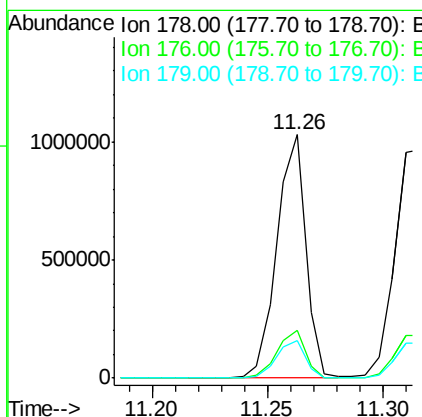
Manual Integrations
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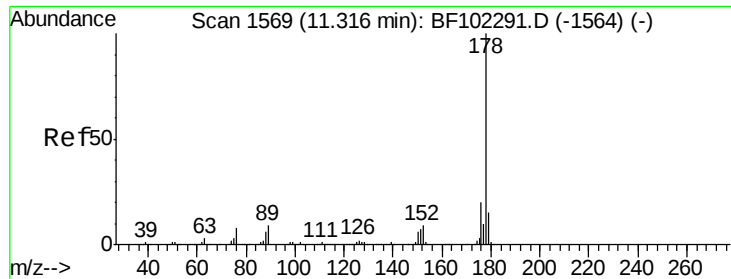
Sohil
 1/23/2018 12:46:38 PM



#70
 Phenanthrene
 Concen: 32.990 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	895856		
176	19.7		15.8	23.8
179	15.3		13.0	19.6





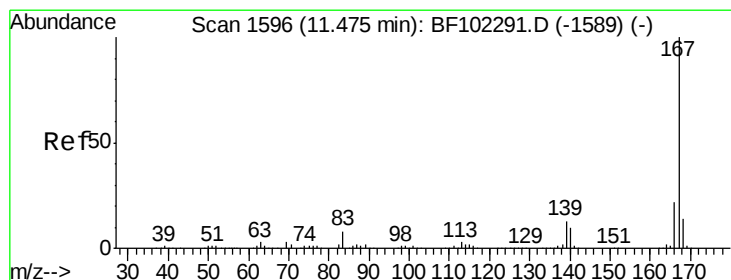
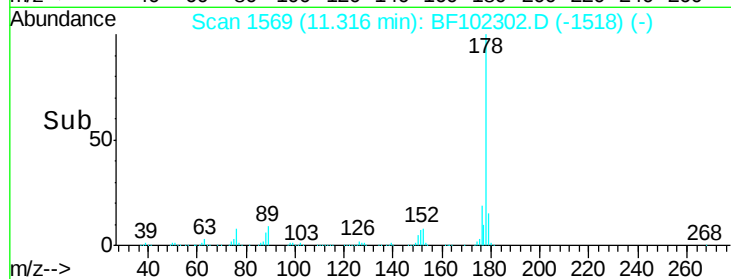
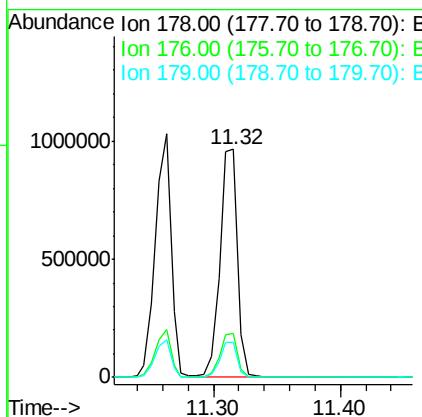
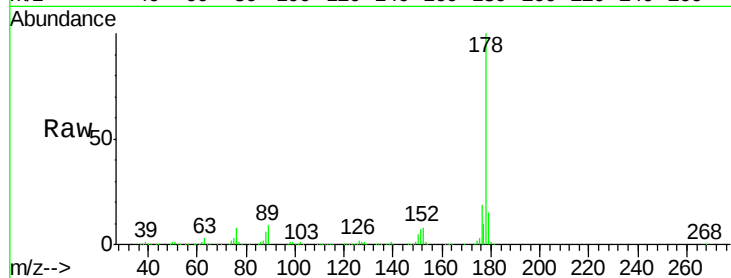
#71
 Anthracene
 Concen: 33.793 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.1	12.6	19.0

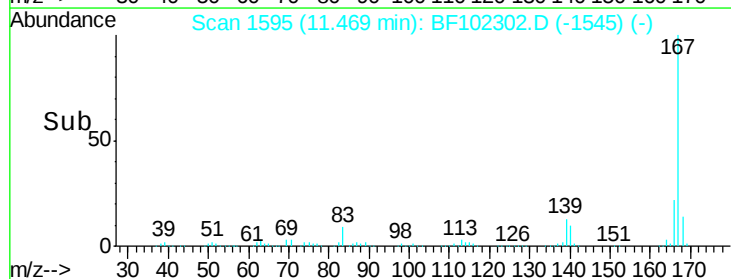
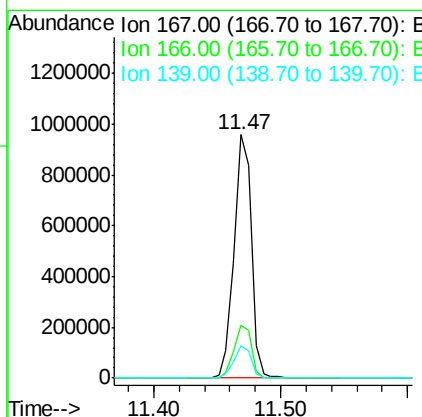
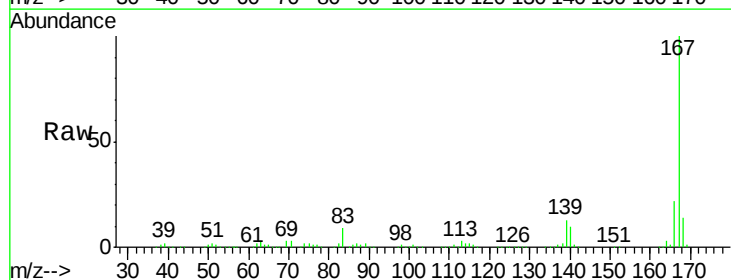
Manual Integrations
 APPROVED

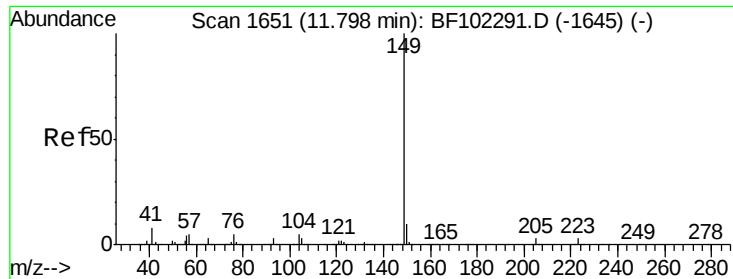
Sohil
 1/23/2018 12:46:38 PM



#72
 Carbazole
 Concen: 33.034 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 33.447 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

PB105847BS

Tot Ion:149 Resp: 1130486

Ion Ratio Lower Upper

149 100

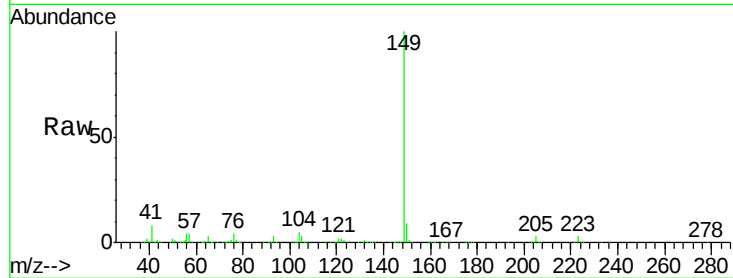
150 9.3 7.8 11.6

104 4.7 3.8 5.8

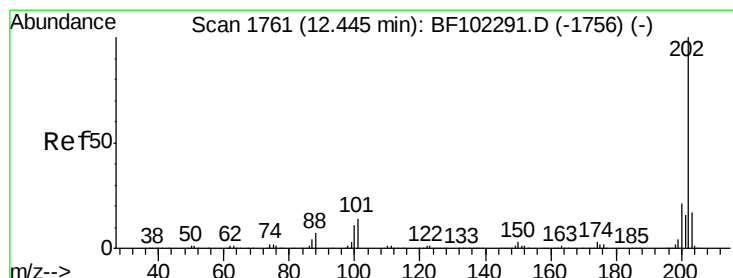
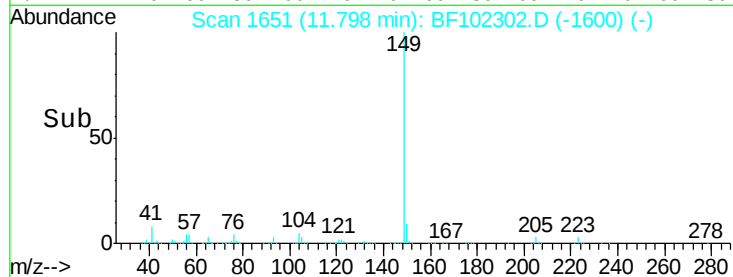
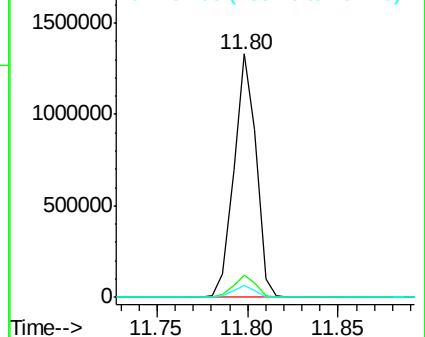
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.117 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

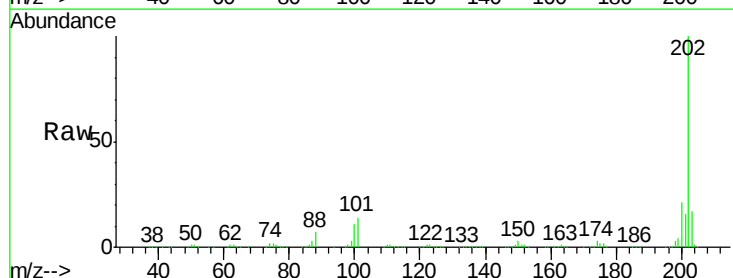
Tgt Ion:202 Resp: 917070

Ion Ratio Lower Upper

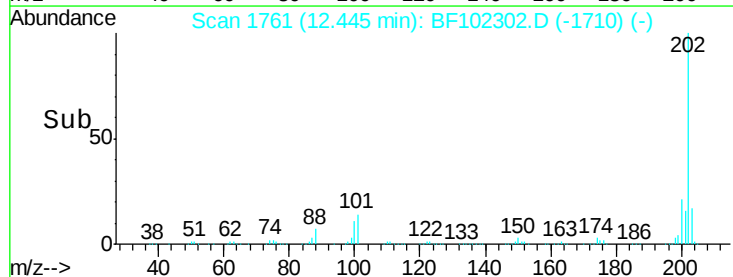
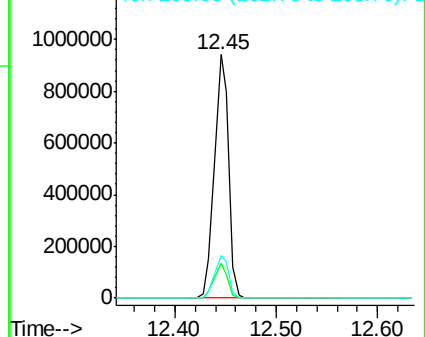
202 100

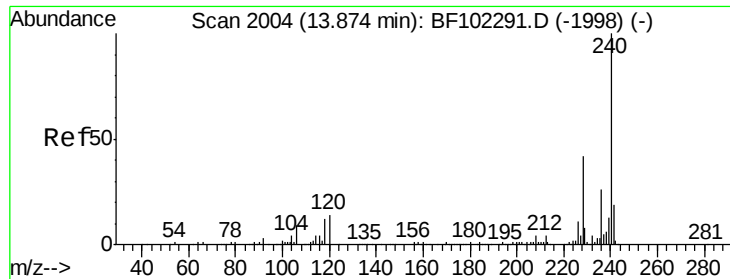
101 14.4 0.0 34.1

203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

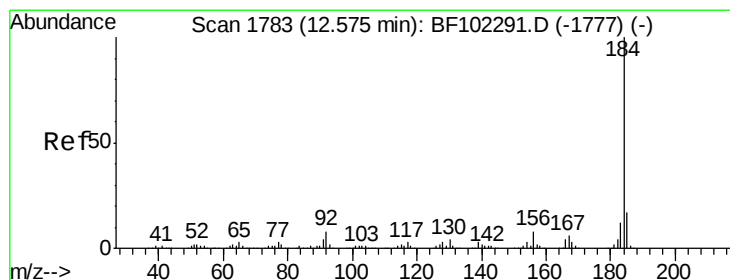
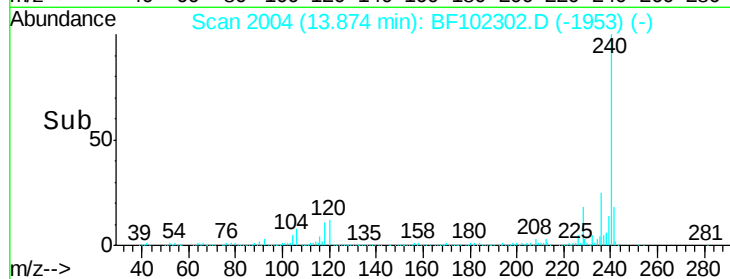
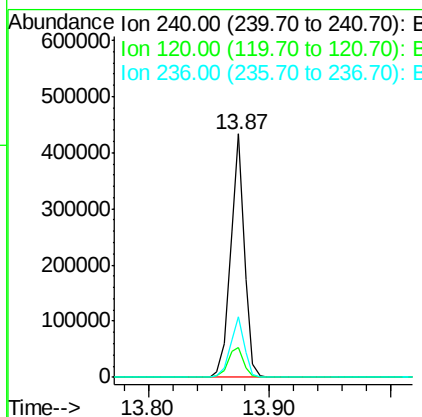
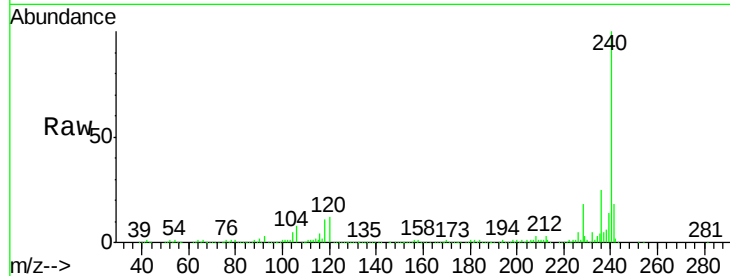
ClientSampleId :

PB105847BS

Tot Ion:	240	Resp:	343095
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	24.9	20.7	31.1

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#76

Benzidine

Concen: 41.302 ng

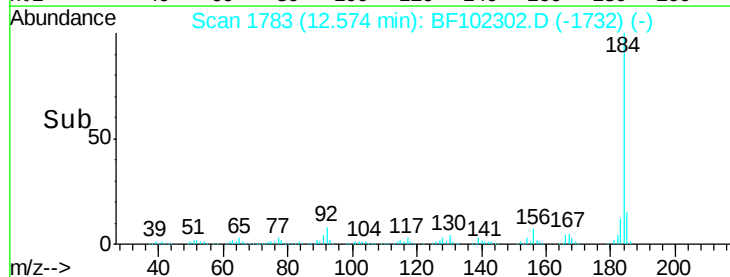
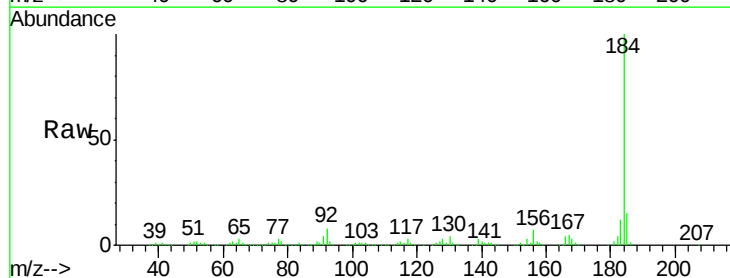
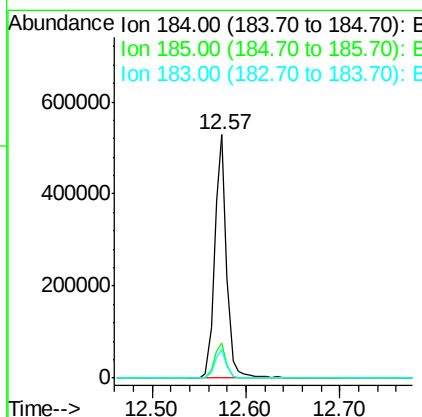
RT: 12.57 min Scan# 1783

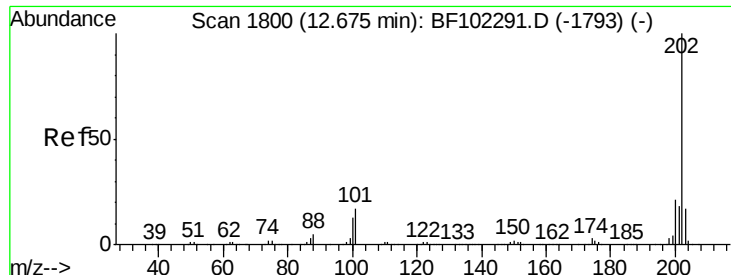
Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion:	184	Resp:	476042
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.9	9.3	13.9





#77

Pvrene

Concen: 34.500 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

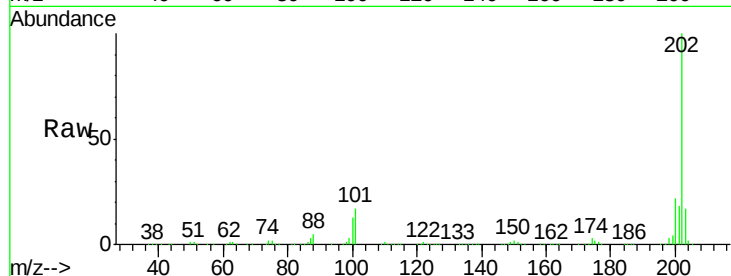
ClientSampleId :

PB105847BS

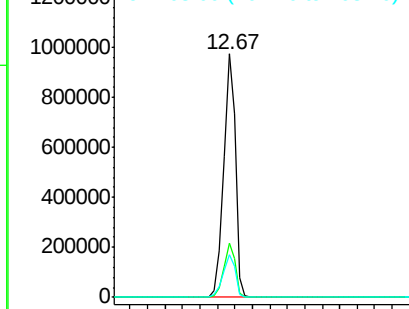
Tot Ion:	202	Resp:	915170
Ion Ratio		Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.4	14.3	21.5

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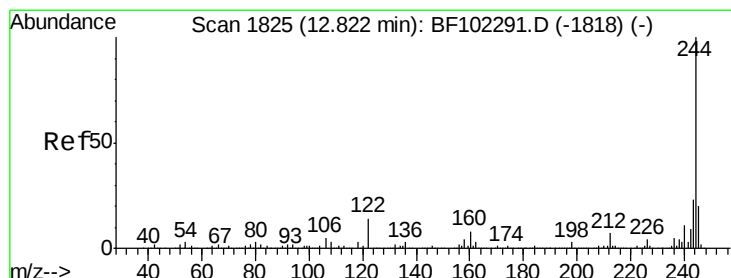
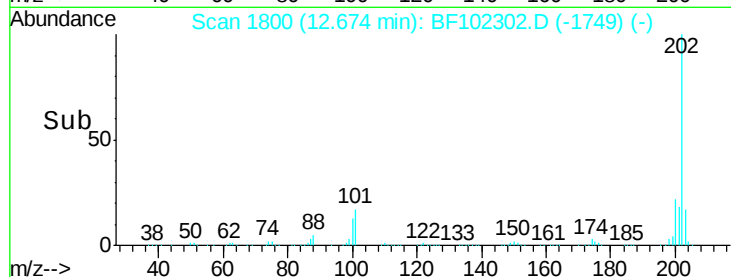
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 73.978 ng

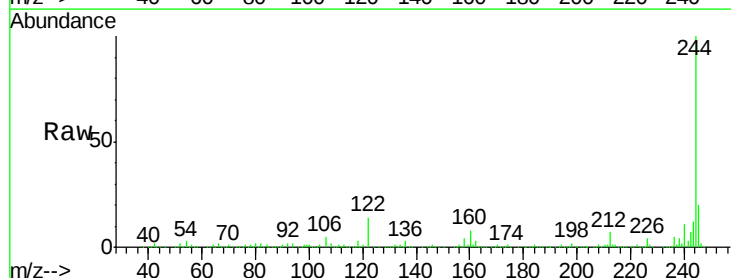
RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

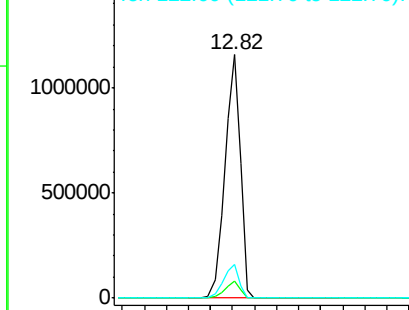
Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

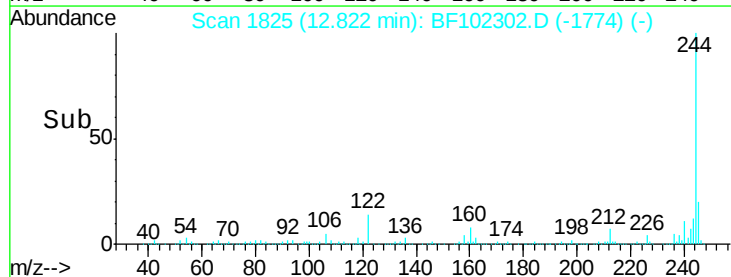
Tgt Ion:	244	Resp:	1125878
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4

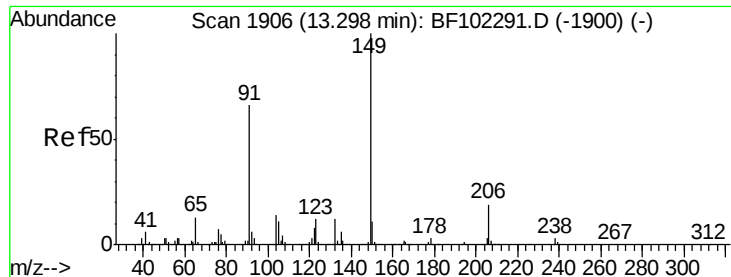


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





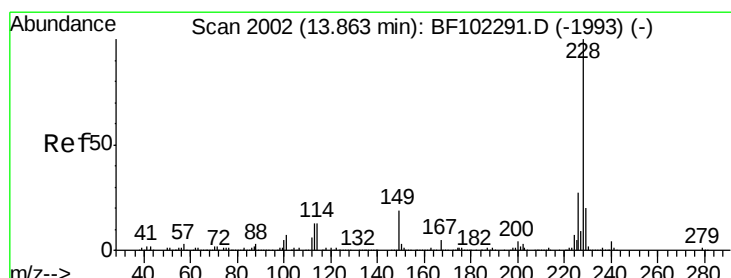
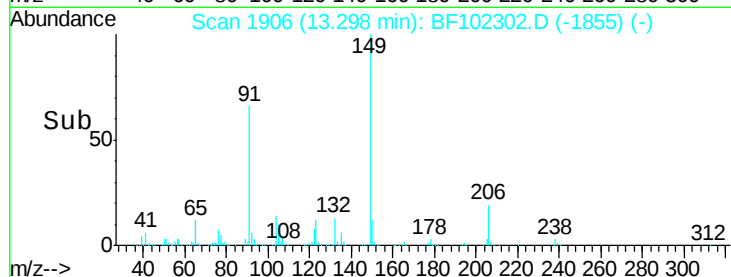
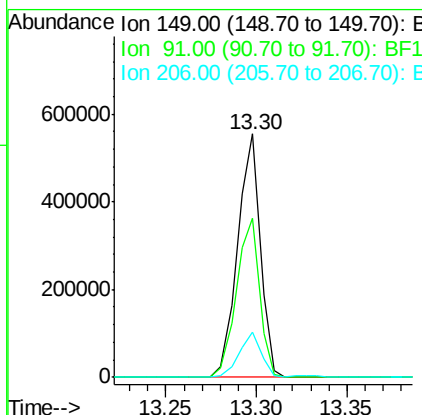
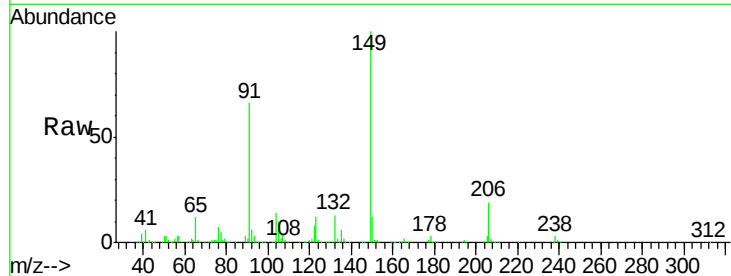
#79
Butylbenzylphthalate
Concen: 36.679 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.6	56.8	85.2
206	18.6	14.1	21.1

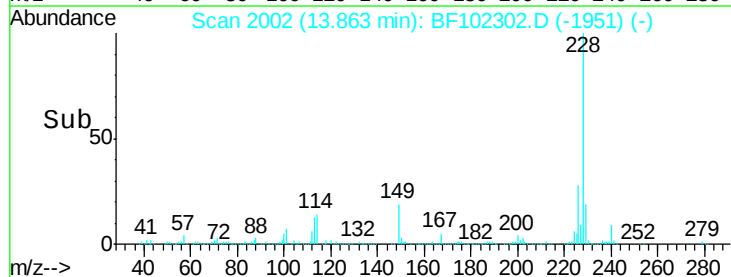
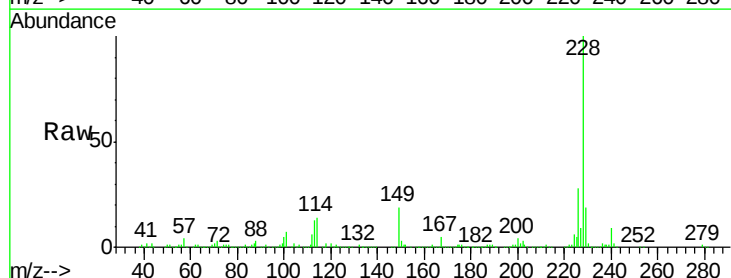
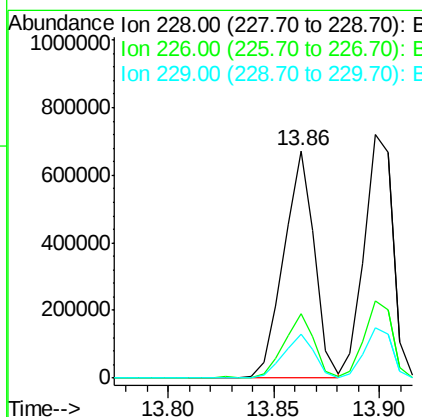
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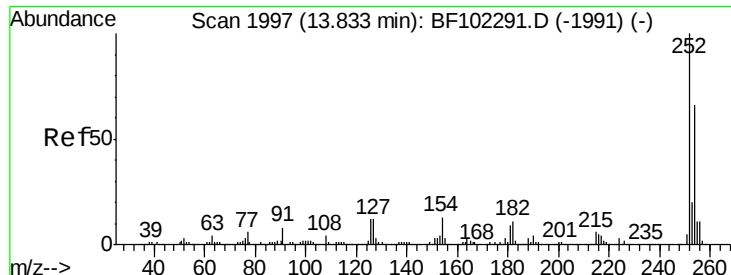
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#80
Benzo(a)anthracene
Concen: 32.096 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.3	15.8	23.6





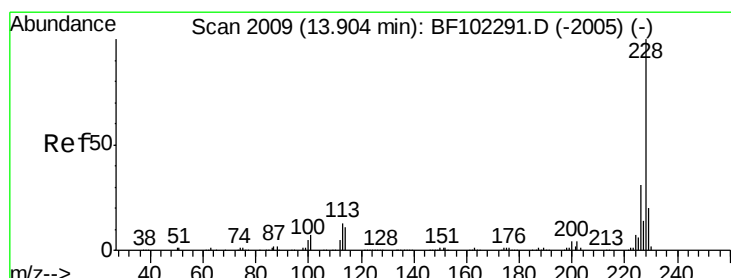
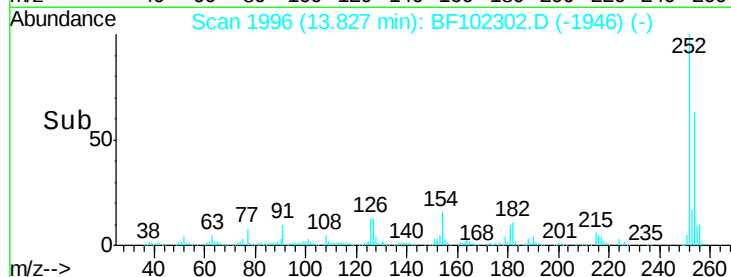
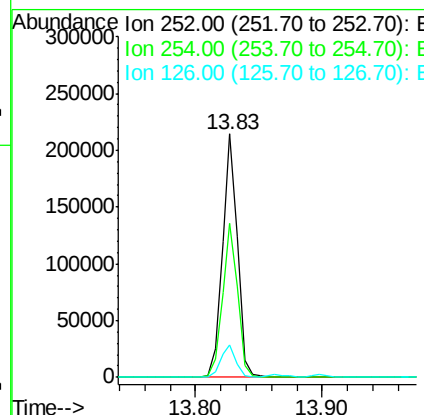
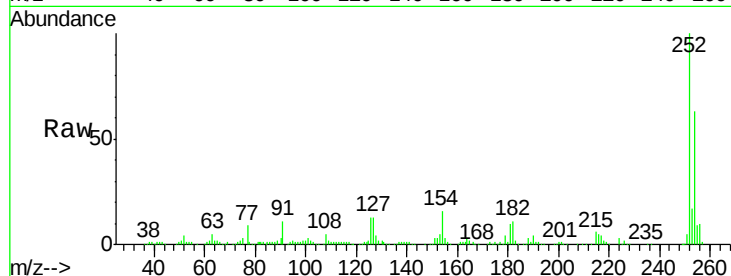
#81
 3,3'-Dichlorobenzidine
 Concen: 23.243 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	180102		
254	63.1		50.4	75.6
126	13.2		11.3	16.9

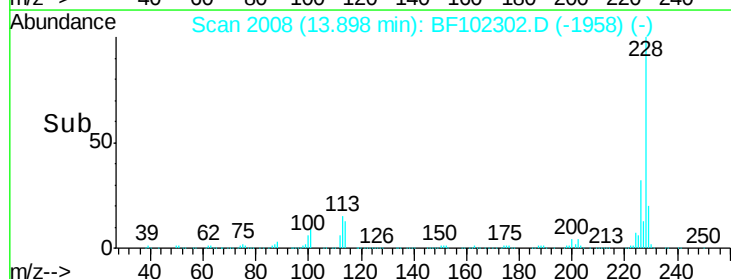
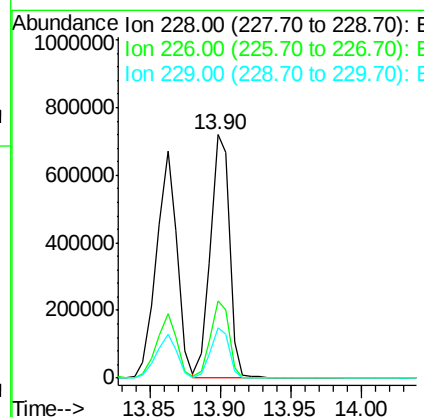
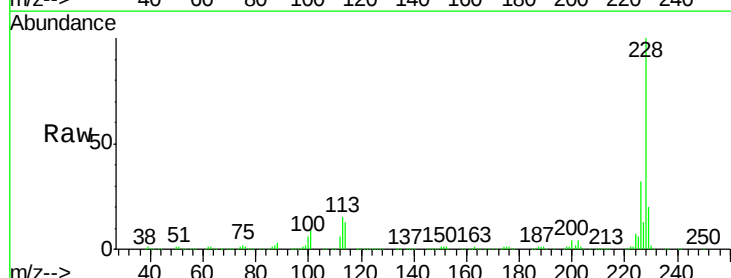
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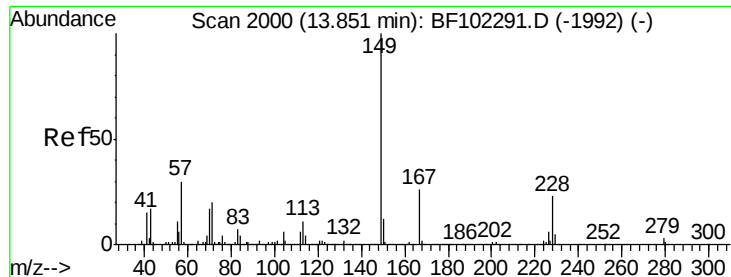
Sohil
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#82
 Chrysene
 Concen: 31.715 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	680305		
226	31.6		25.0	37.6
229	20.4		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.240 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

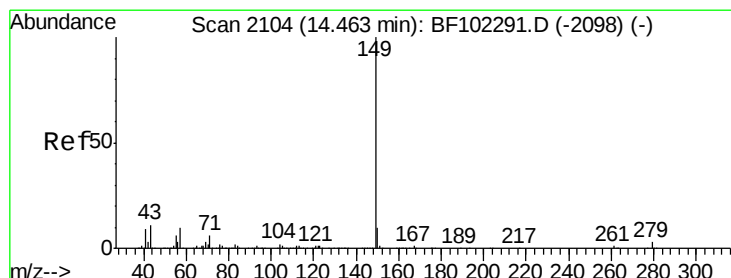
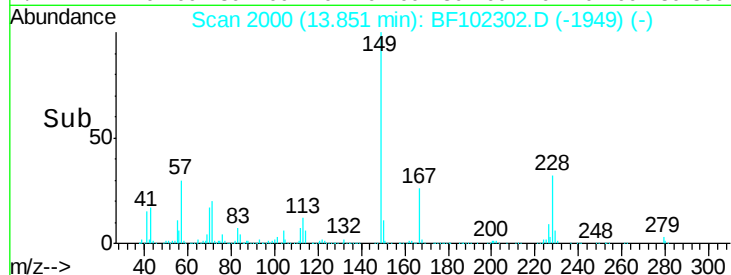
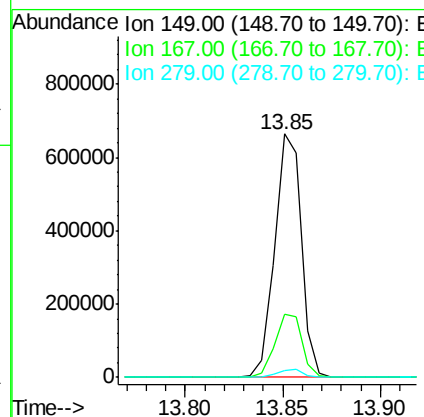
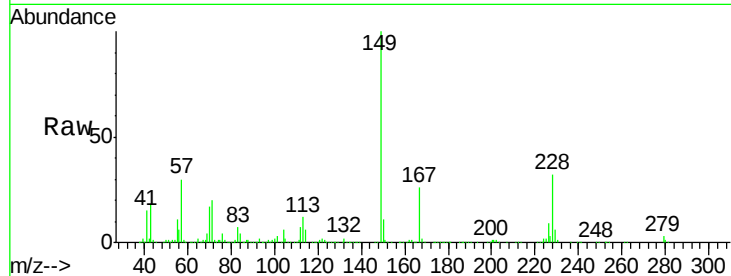
ClientSampleId :

PB105847BS

Tot Ion:	149	Resp:	625187
Ion Ratio		Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.9	3.0	4.4#

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#84

Di-n-octyl phthalate

Concen: 36.384 ng

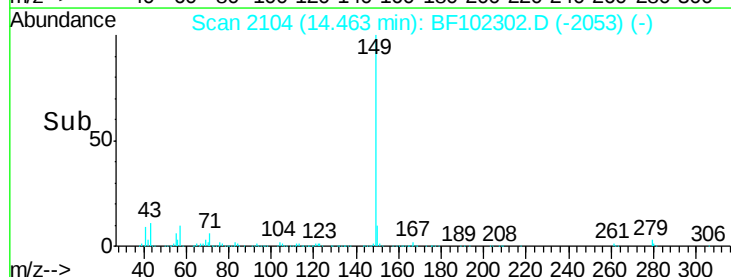
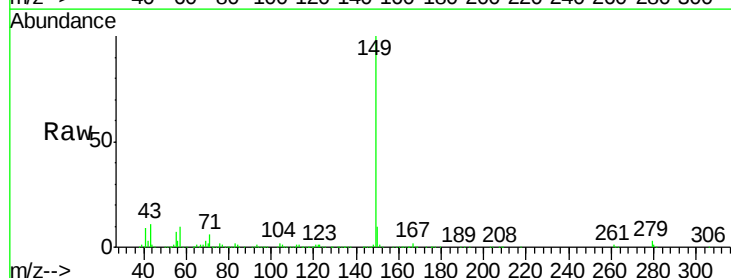
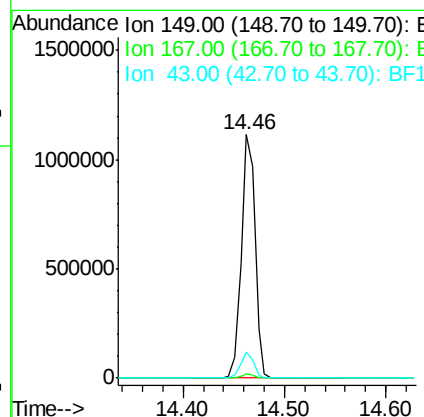
RT: 14.46 min Scan# 2104

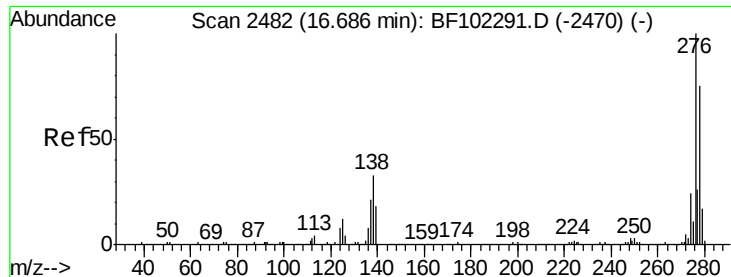
Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tgt Ion:	149	Resp:	1049731
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	8.4	12.6





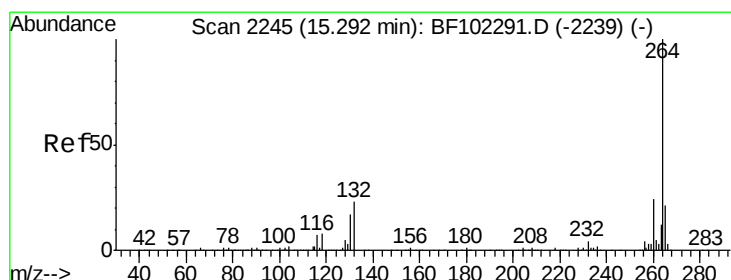
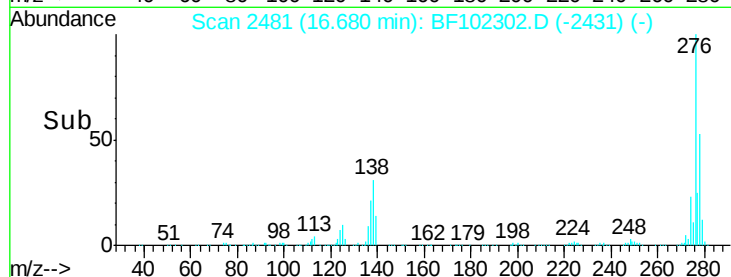
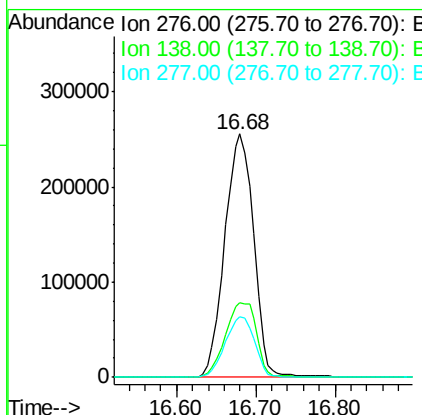
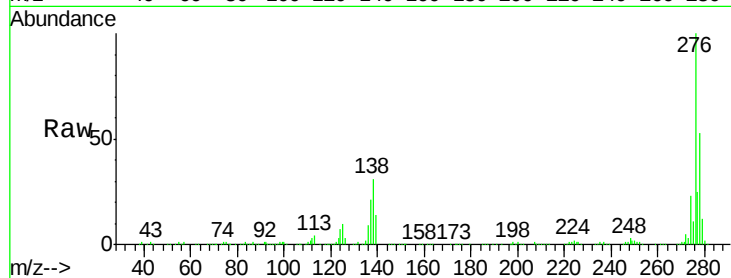
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.530 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	25.4	20.1	30.1

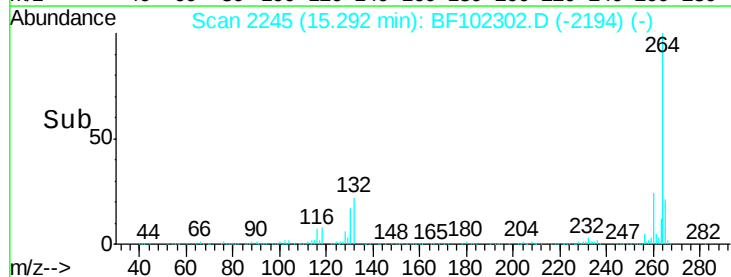
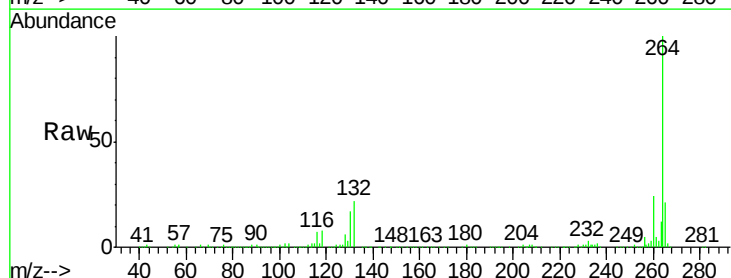
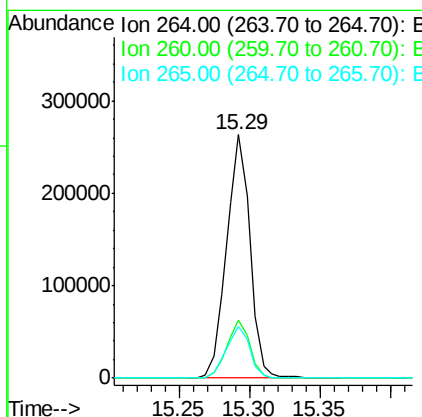
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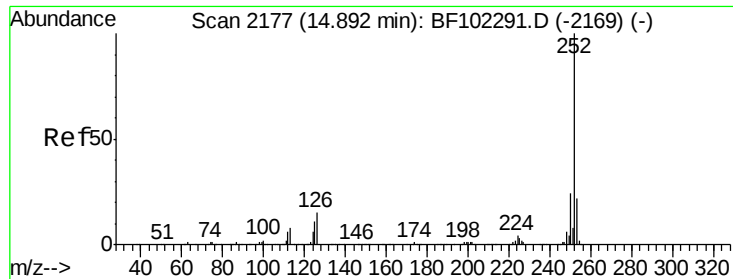
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3





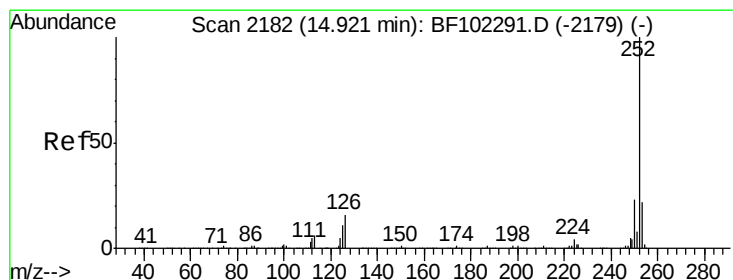
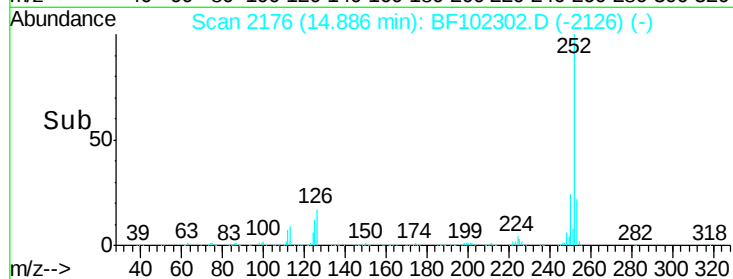
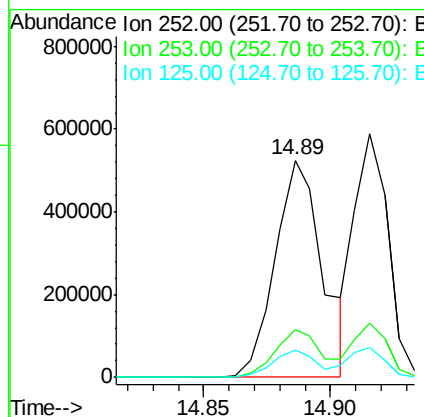
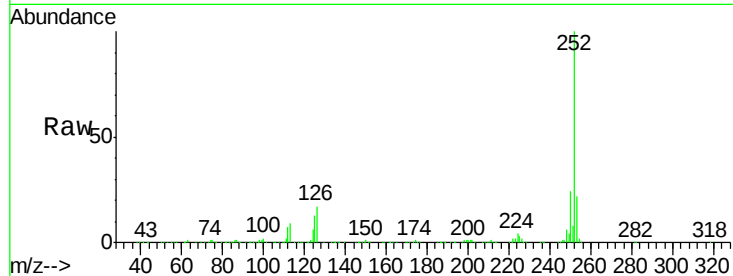
#87
Benzo(b)fluoranthene
Concen: 34.848 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		685201		
253	22.2	17.0	25.6		
125	12.6	9.0	13.6		

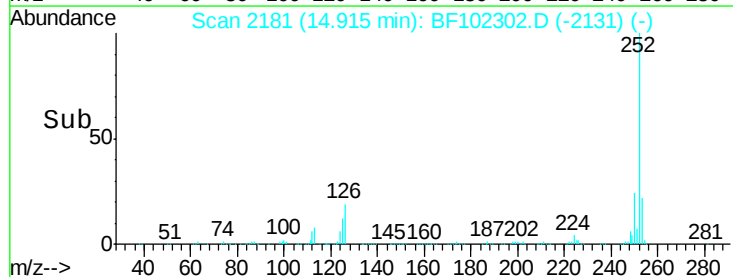
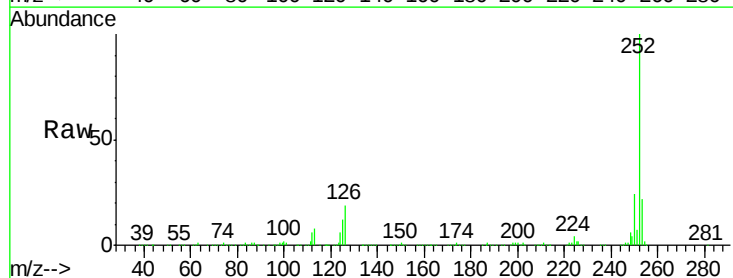
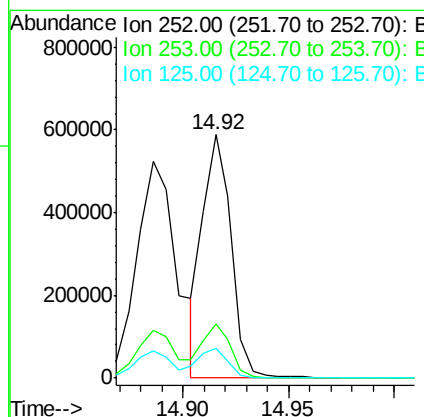
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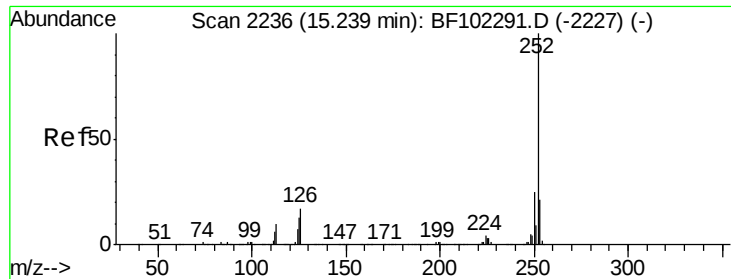
Sohil
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#88
Benzo(k)fluoranthene
Concen: 29.600 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		549870		
253	22.0	17.9	26.9		
125	12.0	10.2	15.2		





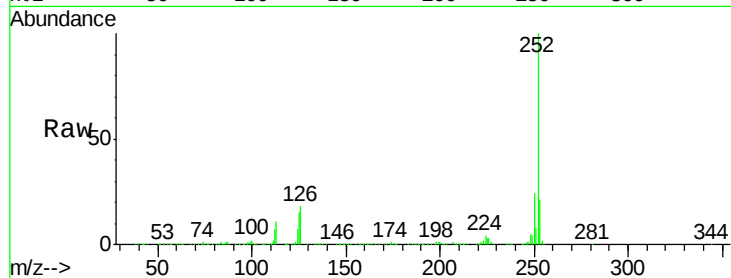
#89
Benzo(a)pyrene
Concen: 34.025 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Instrument :
BNA_F
ClientSampleId :
PB105847BS

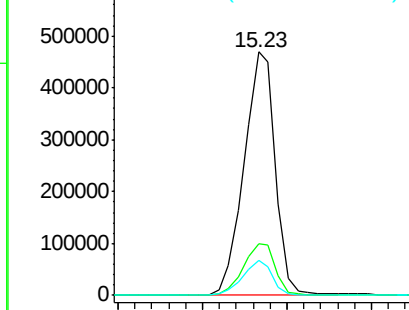
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	14.6	9.8	14.6

Manual Integrations
APPROVED

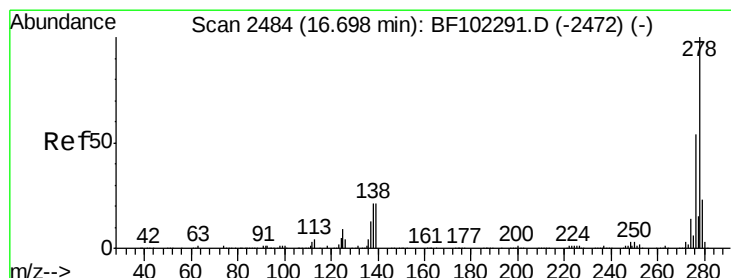
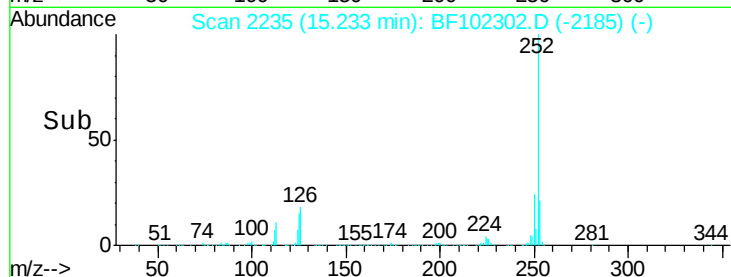
Sohil
1/23/2018 12:46:38 PM



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



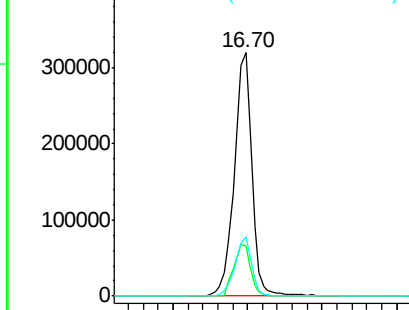
Time--> 15.15 15.20 15.25 15.30



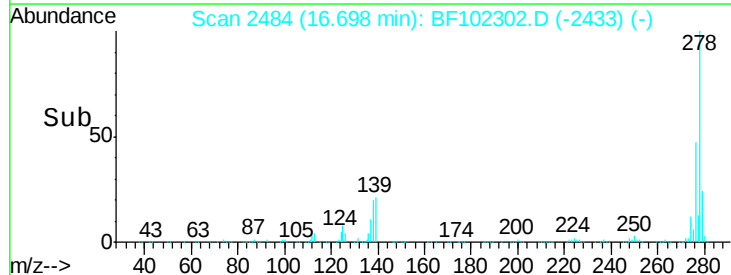
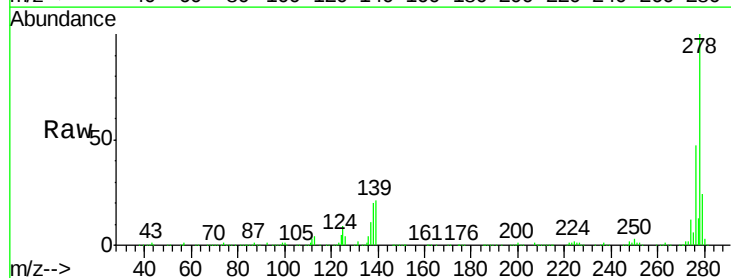
#90
Dibenzo(a,h)anthracene
Concen: 36.970 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

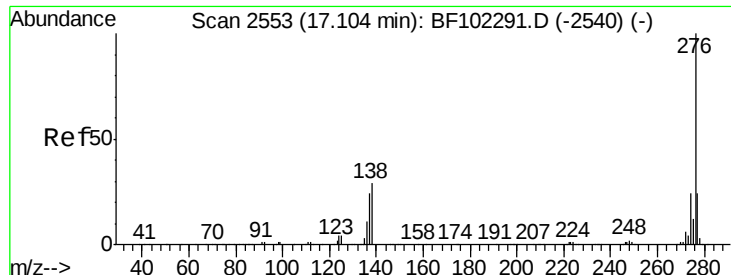
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.9	23.9
279	24.3	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 16.60 16.70 16.80





#91
 Benzo(a,h,i)perylene
 Concen: 38.548 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB105847BS

Tot Ion:	276	Resp:	546748
Ion Ratio		Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.8	21.8	32.8

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