

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104228.D
 Acq On : 4 Apr 2018 16:36
 Operator : JU/SJ
 Sample : PB107929BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:38:46 PM

Quant Time: Apr 04 18:23:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	109596	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	471052	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	231790	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	450607	20.00	ng	0.00
75) Chrysene-d12	14.14	240	351745	20.00	ng	0.00
86) Perylene-d12	15.67	264	275404	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	779702	113.46	ng	0.00
7) Phenol-d6	6.60	99	985761	116.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	608942	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	311659	120.75	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1249868	85.03	ng	0.00
78) Terphenyl-d14	13.07	244	1336102	87.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	91956	31.025	ng	# 86
3) Pyridine	3.69	79	251720m	33.547	ng	
4) n-Nitrosodimethylamine	3.66	42	85186m	38.194	ng	
6) Aniline	6.64	93	148517	14.673	ng	# 68
8) 2-Chlorophenol	6.75	128	309711	41.084	ng	96
9) Benzaldehyde	6.53	77	49334	8.655	ng	95
10) Phenol	6.62	94	398751	42.564	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	319315	39.555	ng	91
12) 1,3-Dichlorobenzene	6.89	146	305716	36.077	ng	98
13) 1,4-Dichlorobenzene	6.97	146	352275	38.797	ng	98
14) 1,2-Dichlorobenzene	7.12	146	319111	39.101	ng	99
15) Benzyl Alcohol	7.10	79	203533	37.024	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	343794	39.090	ng	# 37
17) 2-Methylphenol	7.21	107	236963	38.621	ng	# 79
18) Hexachloroethane	7.45	117	118656	39.030	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	212139	42.278	ng	89
20) 3+4-Methylphenols	7.37	107	298340	38.099	ng	# 61
22) Acetophenone	7.36	105	434929	38.162	ng	98
24) Nitrobenzene	7.54	77	273846	33.790	ng	96
25) Isophorone	7.76	82	592785	41.760	ng	99
26) 2-Nitrophenol	7.85	139	169612	40.094	ng	93
27) 2,4-Dimethylphenol	7.89	122	262723	43.062	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	365365	41.067	ng	99
29) 2,4-Dichlorophenol	8.10	162	261227	40.992	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	270549	37.418	ng	99
31) Naphthalene	8.25	128	939229	40.814	ng	100
32) Benzoic acid	8.03	122	125382	28.053	ng	91
33) 4-Chloroaniline	8.33	127	77699	8.009	ng	95
34) Hexachlorobutadiene	8.36	225	144081	36.619	ng	98
35) Caprolactam	8.68	113	91723m	45.393	ng	
36) 4-Chloro-3-methylphenol	8.80	107	285434	42.347	ng	96
37) 2-Methylnaphthalene	8.95	142	601413	39.675	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	275198	38.717	ng	99
40) Hexachlorocyclopentadiene	9.09	237	182485	56.257	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	164604	36.572	nq	97
43) 2,4,5-Trichlorophenol	9.28	196	194089	35.715	nq	96
45) 1,1'-Biphenyl	9.41	154	762751	38.341	nq	98
46) 2-Chloronaphthalene	9.44	162	603585	38.463	nq	98
47) 2-Nitroaniline	9.55	65	168502	37.657	nq	89
48) Acenaphthylene	9.85	152	874969	36.804	nq	99
49) Dimethylphthalate	9.70	163	694477	37.948	nq	100
50) 2,6-Dinitrotoluene	9.78	165	156564	39.765	nq	92
51) Acenaphthene	10.02	154	502235	36.519	nq	99
52) 3-Nitroaniline	9.97	138	73180	16.169	nq	99
53) 2,4-Dinitrophenol	10.08	184	63578	39.985	nq	# 35
54) Dibenzofuran	10.20	168	772181	38.449	nq	95
55) 4-Nitrophenol	10.15	139	140607	51.812	nq	95
56) 2,4-Dinitrotoluene	10.19	165	197420	39.295	nq	# 95
57) Fluorene	10.55	166	646498	39.024	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	184209	45.243	nq	# 83
59) Diethylphthalate	10.40	149	678453	38.699	nq	98
60) 4-Chlorophenyl-phenylether	10.53	204	308096	40.492	nq	96
61) 4-Nitroaniline	10.60	138	157025	37.078	nq	94
62) Azobenzene	10.69	77	626092	39.494	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	74679	27.379	nq	89
65) n-Nitrosodiphenylamine	10.66	169	571110	37.424	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	191439	39.711	nq	91
67) Hexachlorobenzene	11.09	284	205525	37.062	nq	# 84
68) Atrazine	11.18	200	187494	40.104	nq	96
69) Pentachlorophenol	11.29	266	179837	58.933	nq	96
70) Phenanthrene	11.51	178	913194	37.432	nq	99
71) Anthracene	11.56	178	1072508	42.088	nq	98
72) Carbazole	11.73	167	950347	39.074	nq	99
73) Di-n-butylphthalate	12.03	149	1090903	37.656	nq	99
74) Fluoranthene	12.70	202	1039558	40.088	nq	98
76) Benzidine	12.84	184	287205	28.652	nq	98
77) Pyrene	12.94	202	1010097	39.948	nq	99
79) Butylbenzylphthalate	13.53	149	464220	38.969	nq	99
80) Benzo(a)anthracene	14.13	228	821476	37.324	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	135454	18.593	nq	96
82) Chrysene	14.17	228	910433	42.234	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	624036	40.543	nq	99
84) Di-n-octyl phthalate	14.70	149	1001643	37.831	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.27	276	592901	26.542	nq	96
87) Benzo(b)fluoranthene	15.22	252	640320	38.203	nq	98
88) Benzo(k)fluoranthene	15.25	252	784060	49.659	nq	99
89) Benzo(a)pyrene	15.61	252	642678	41.377	nq	98
90) Dibenzo(a,h)anthracene	17.27	278	497291	34.629	nq	97
91) Benzo(g,h,i)perylene	17.74	276	481114	33.448	nq	95

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

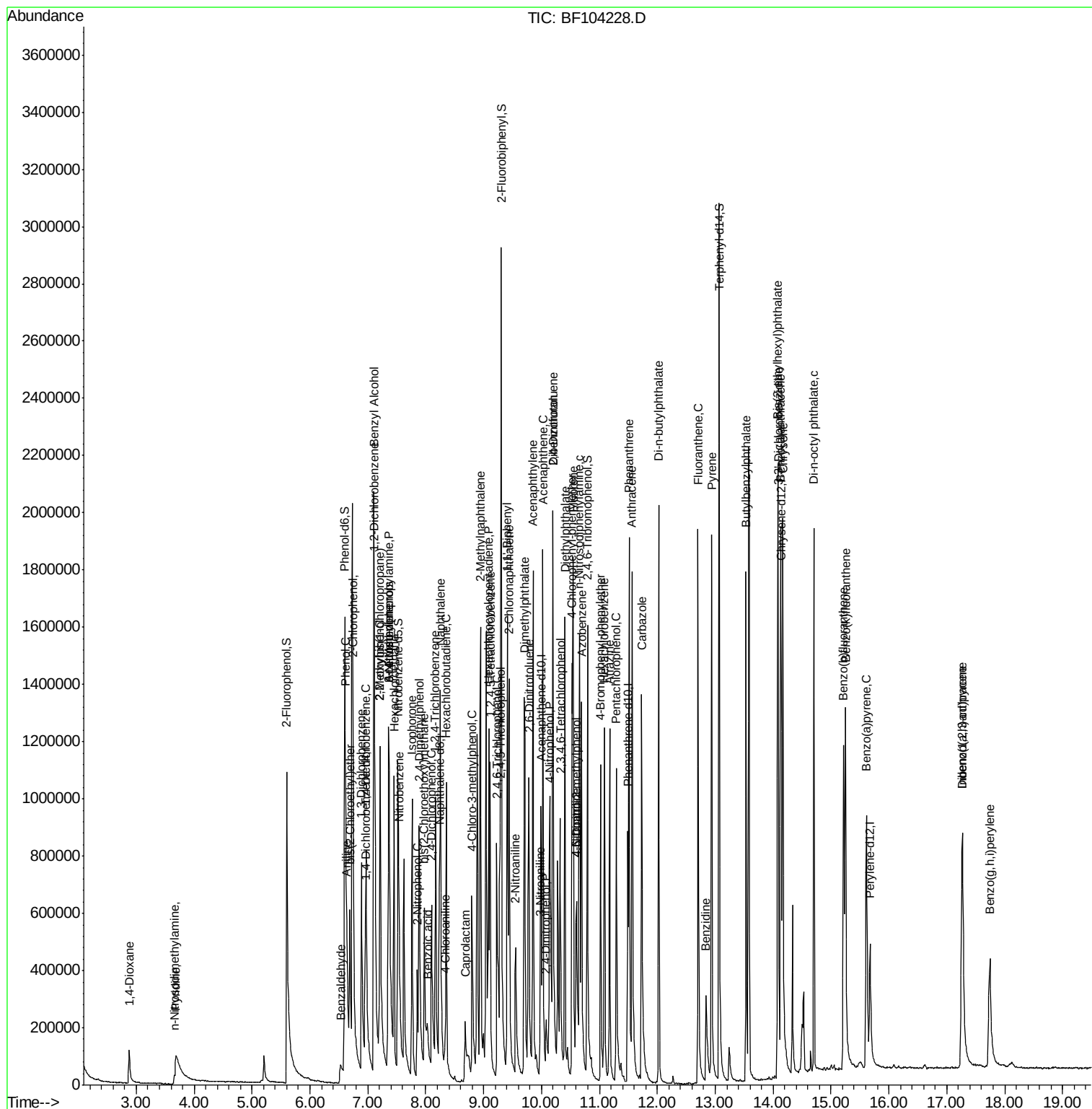
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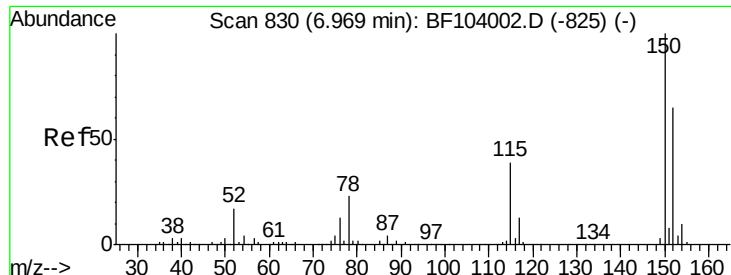
Instrument :
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#1

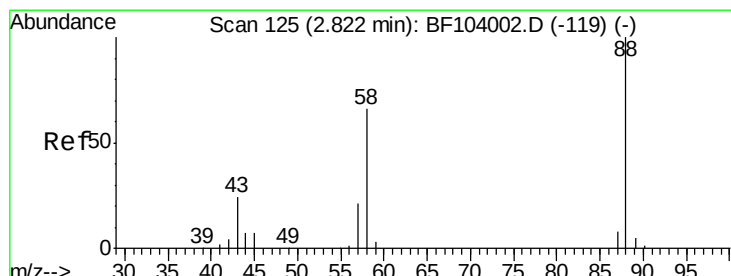
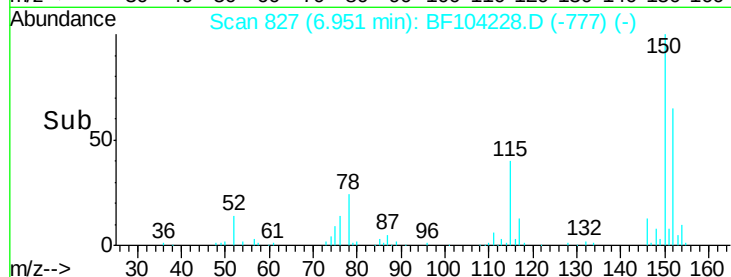
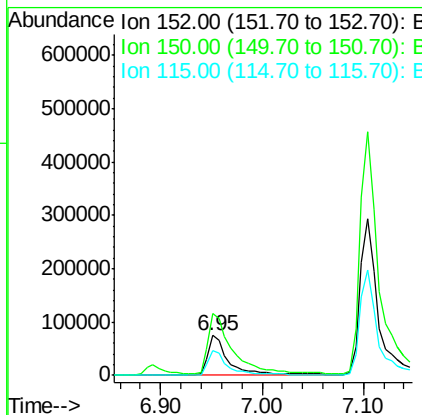
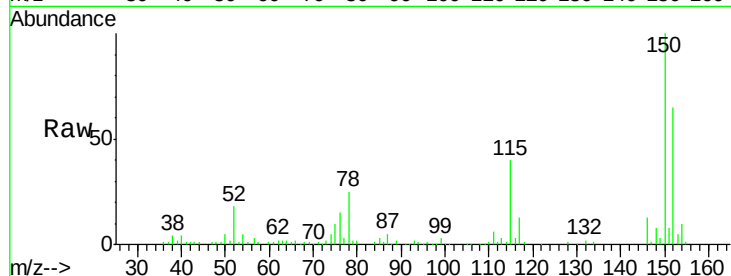
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	62.2	50.1	75.1

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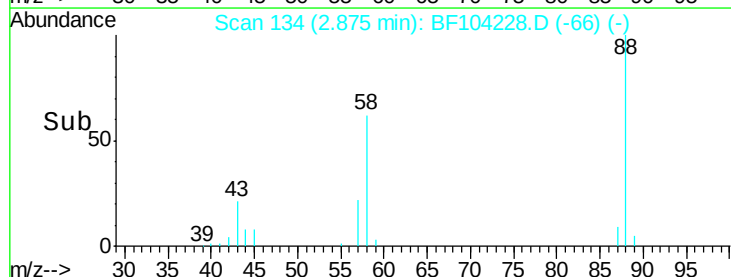
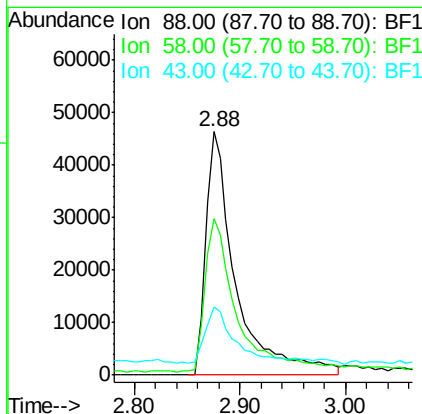
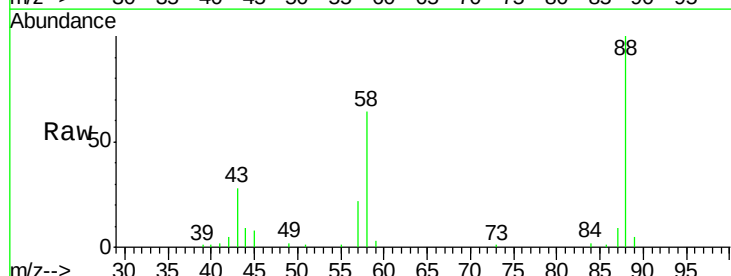
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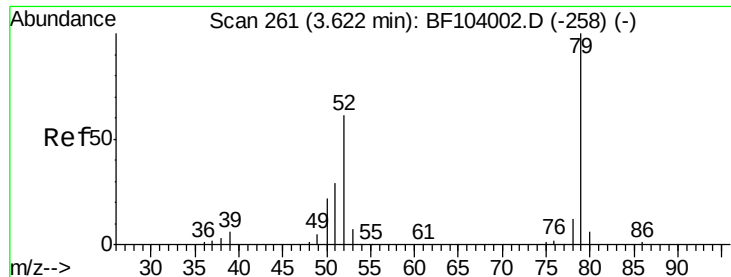


#2

1,4-Dioxane
Concen: 31.025 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.10 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	62.6	93.8
43	22.9	24.6	37.0





#3

Pvridine

Concen: 33.547 ng m

RT: 3.69 min Scan# 272

Delta R.T. 0.08 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

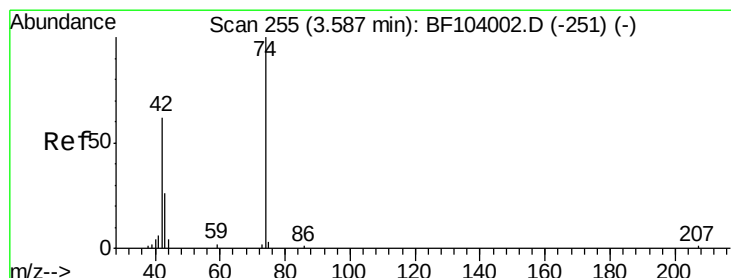
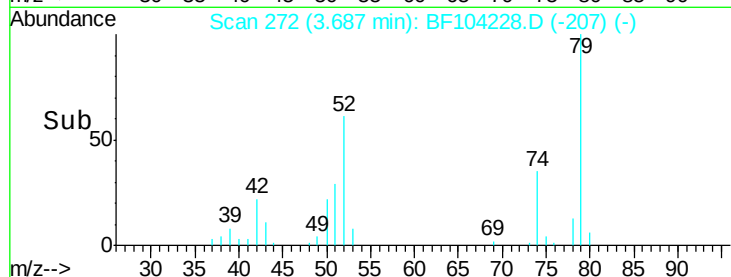
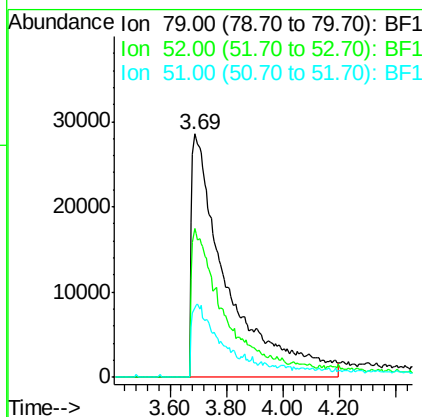
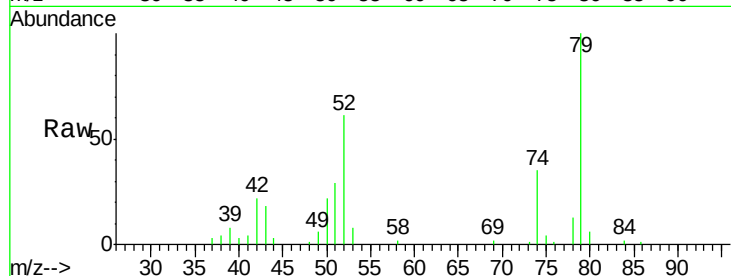
ClientSampleId :

PB107929BS

Tot Ion:	79	Resp:	251720
Ion	Ratio	Lower	Upper
79	100		
52	60.9	59.8	89.6
51	28.8	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 38.194 ng m

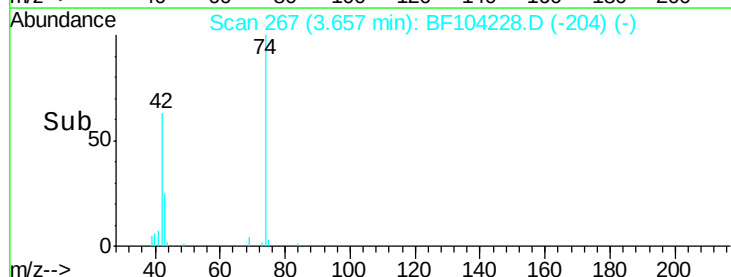
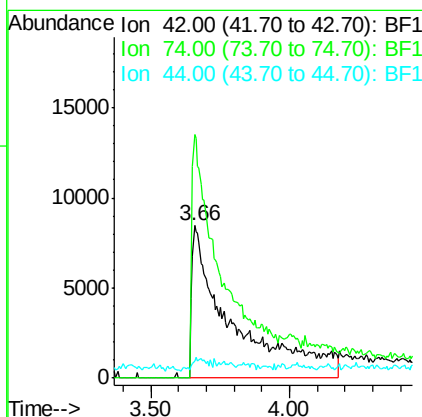
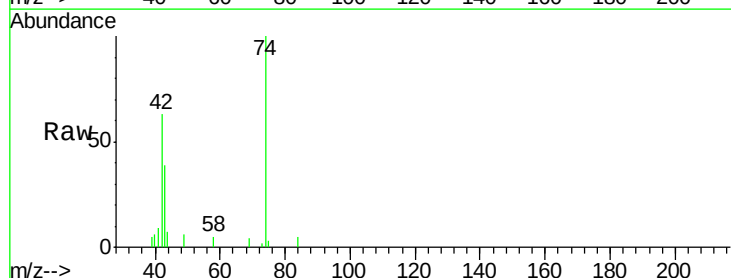
RT: 3.66 min Scan# 267

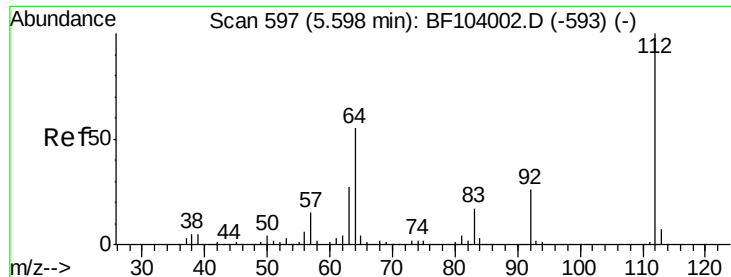
Delta R.T. 0.07 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Tgt Ion:	42	Resp:	85186
Ion	Ratio	Lower	Upper
42	100		
74	159.6	104.9	157.3#
44	11.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 113.456 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

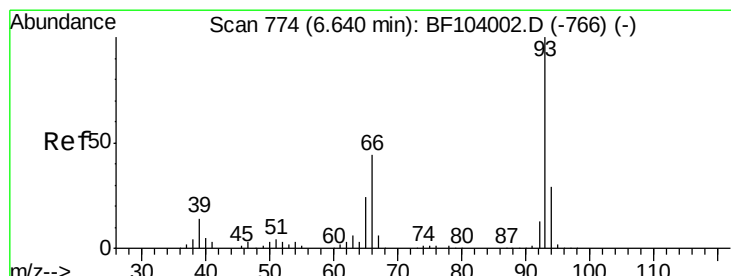
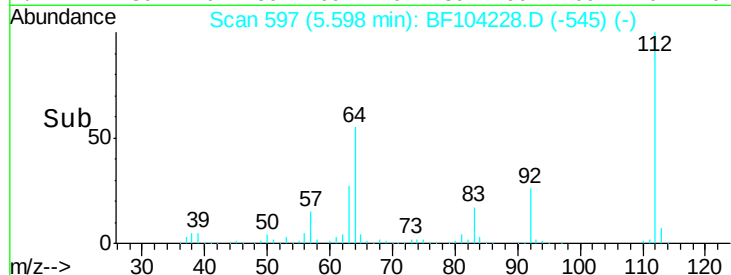
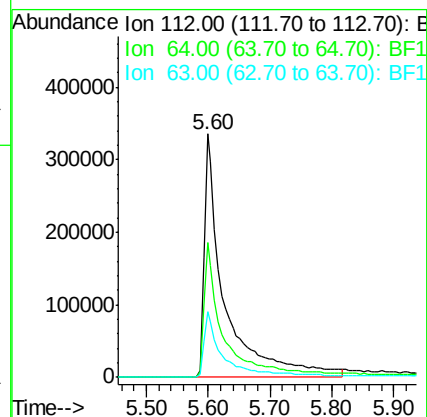
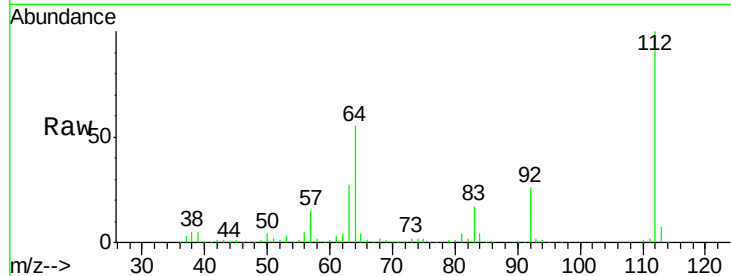
ClientSampleId :

PB107929BS

Tot Ion:	112	Resp:	779702
Ion Ratio	Lower	Upper	
112	100		
64	55.2	47.9	71.9
63	27.1	23.7	35.5

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#6

Aniline

Concen: 14.673 ng

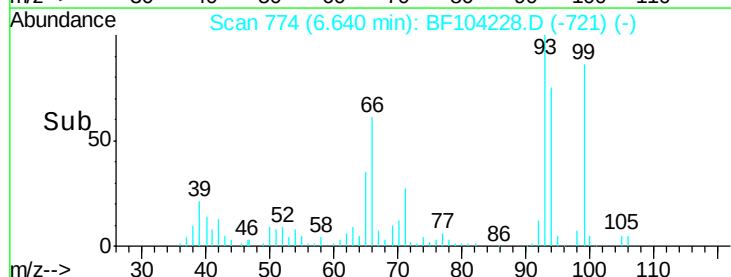
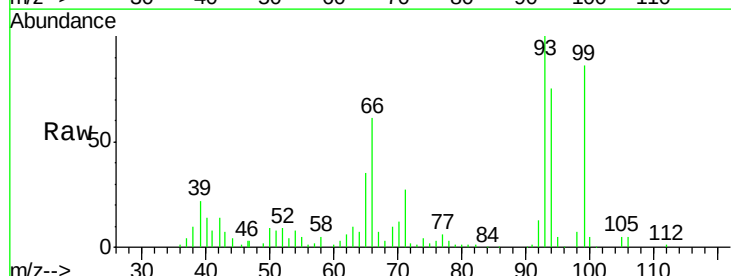
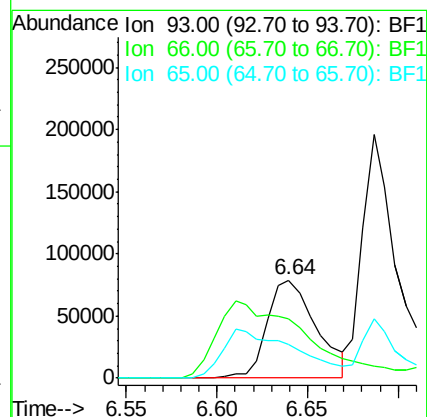
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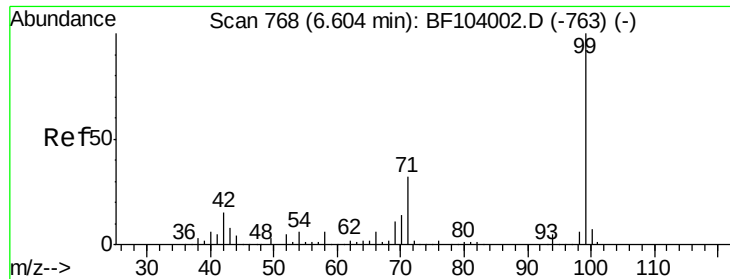
Delta R.T. 0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Tgt Ion:	93	Resp:	148517
Ion Ratio	Lower	Upper	
93	100		
66	60.9	32.2	48.2#
65	34.7	16.4	24.6#





#7

Phenol-d6

Concen: 116.589 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

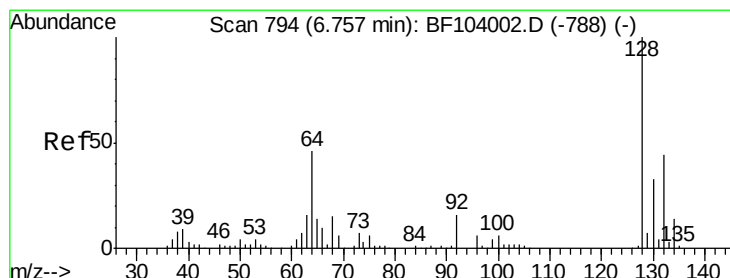
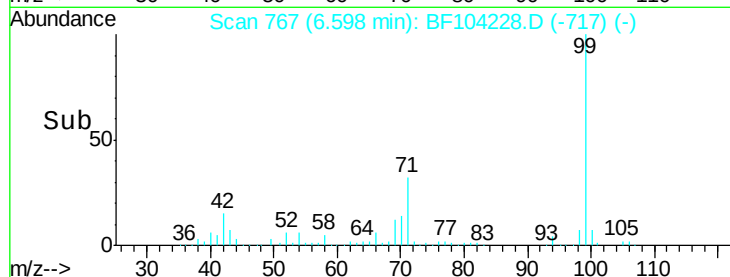
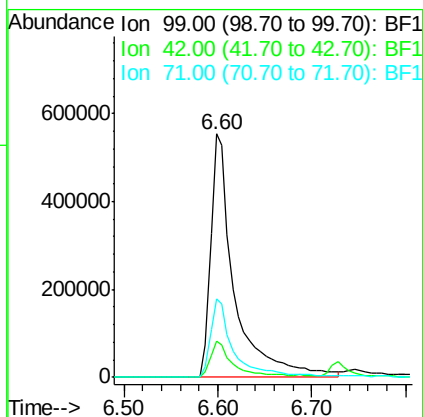
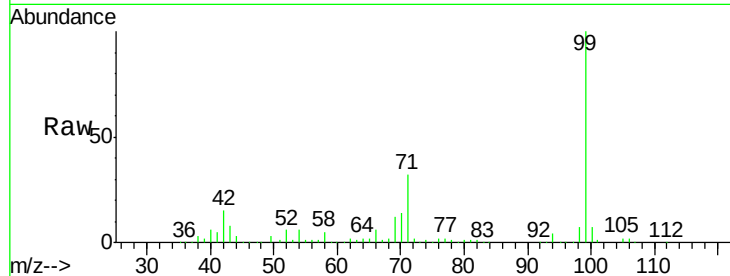
ClientSampleId :

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Tot Ion:	99	Resp:	985761
Ion Ratio	Lower	Upper	
99	100		
42	14.9	14.5	21.7
71	32.2	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.084 ng

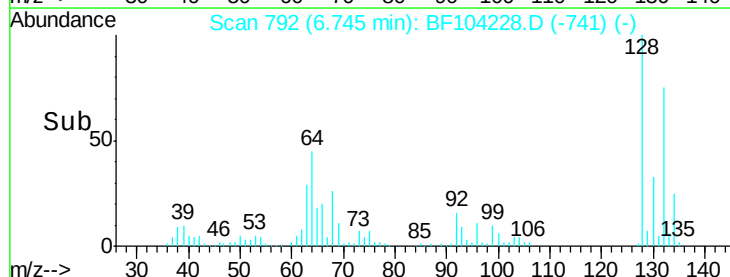
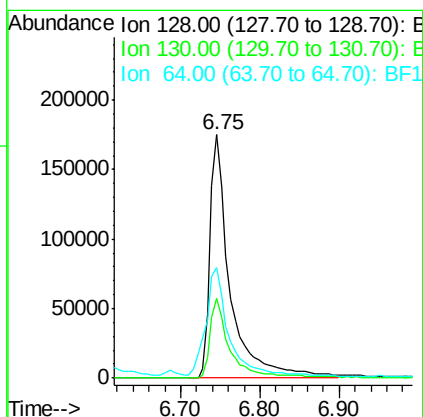
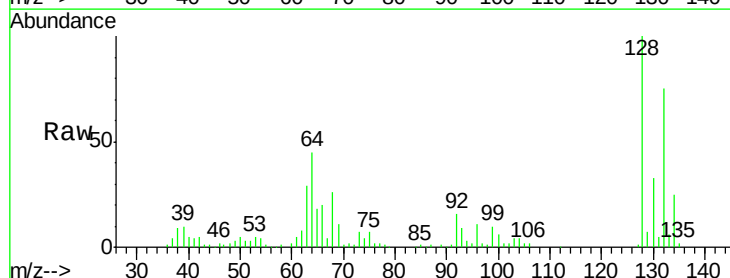
RT: 6.75 min Scan# 792

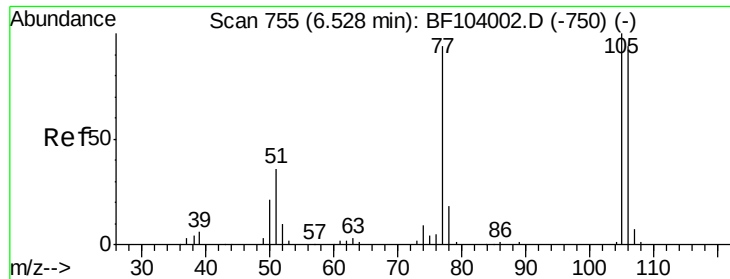
Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Tgt Ion:	128	Resp:	309711
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	45.5	29.4	69.4





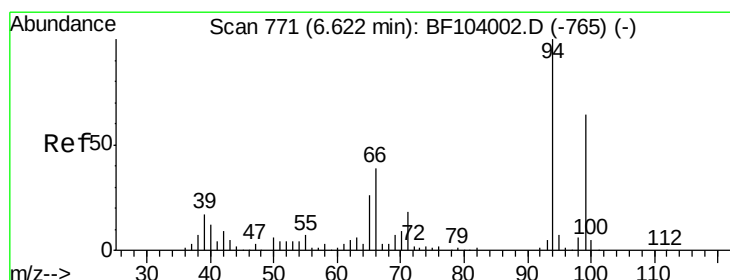
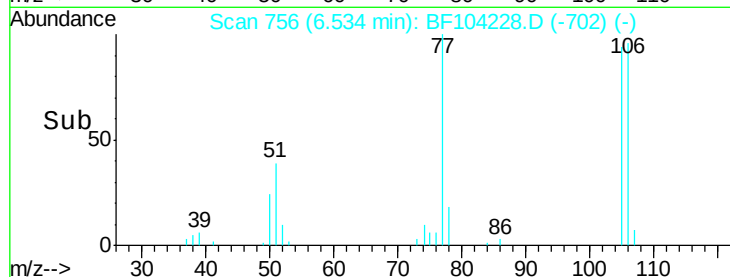
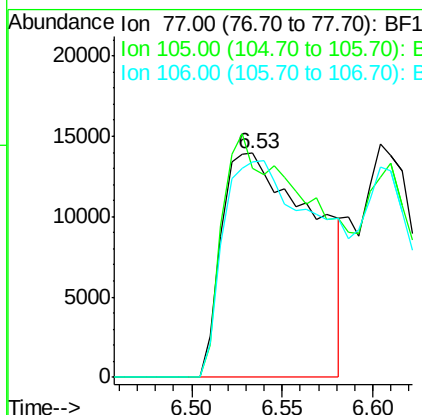
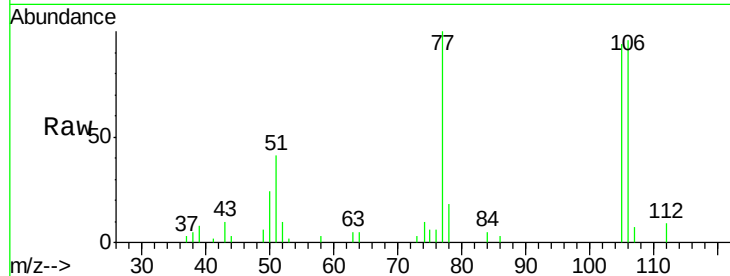
#9
Benzaldehyde
Concen: 8.655 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.02 min
Lab File: BF104228.D
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Instrument :
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ClientSampleId :
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Tot Ion: 77 Resp: 49334
Ion Ratio Lower Upper
77 100
105 93.6 81.1 121.1
106 96.4 74.5 114.5

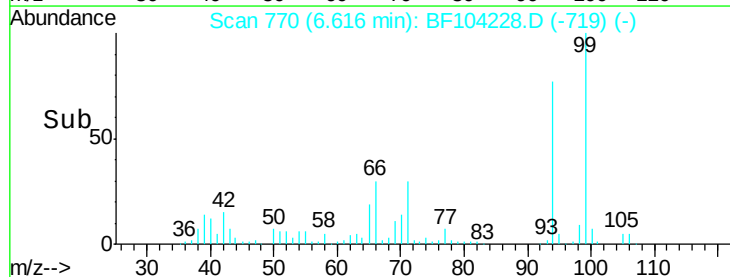
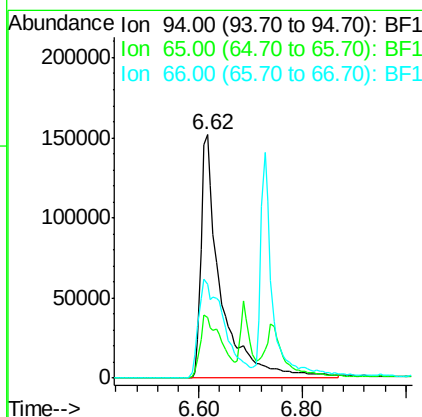
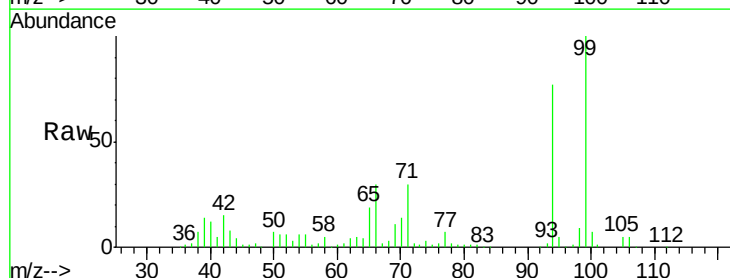
Manual Integrations
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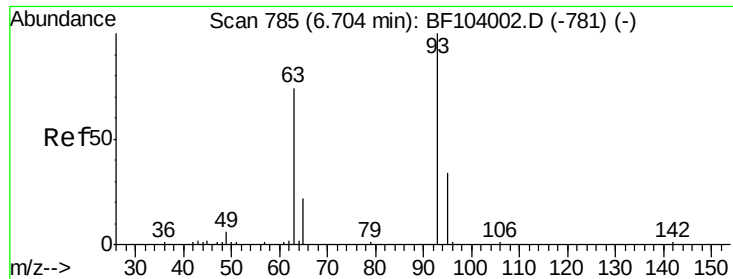
Sohil
4/5/2018 4:38:46 PM



#10
Phenol
Concen: 42.564 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion: 94 Resp: 398751
Ion Ratio Lower Upper
94 100
65 25.0 7.9 47.9
66 38.7 16.2 56.2





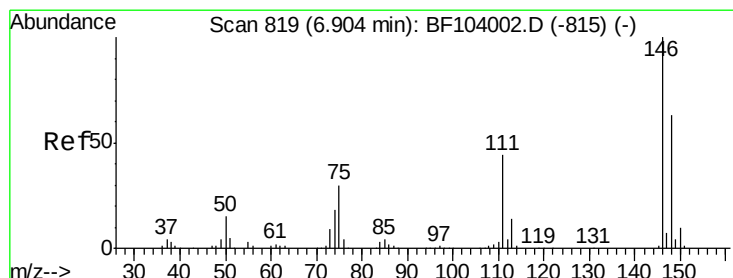
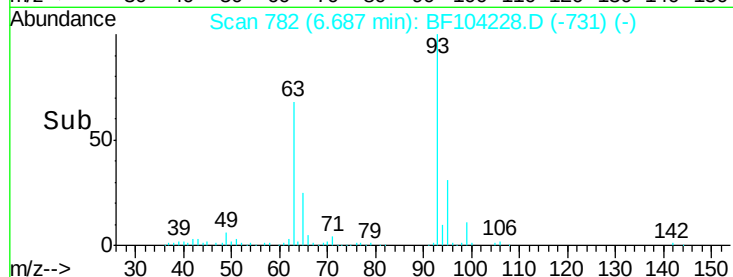
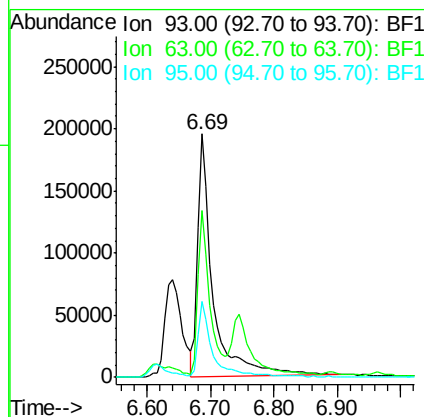
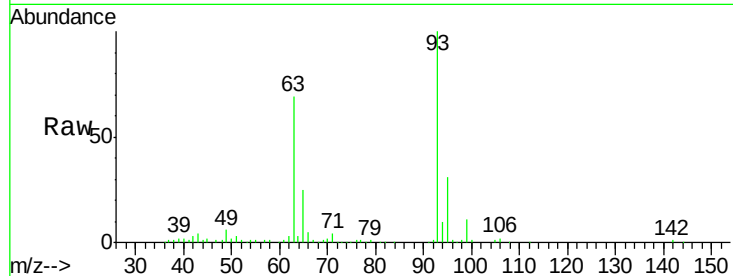
#11
bis(2-Chloroethyl)ether
Concen: 39.555 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion:	93	Resp:	319315
Ion Ratio	Lower	Upper	
93	100		
63	68.5	58.6	98.6
95	31.0	11.8	51.8

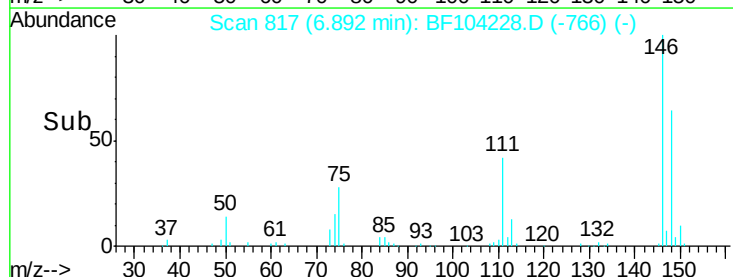
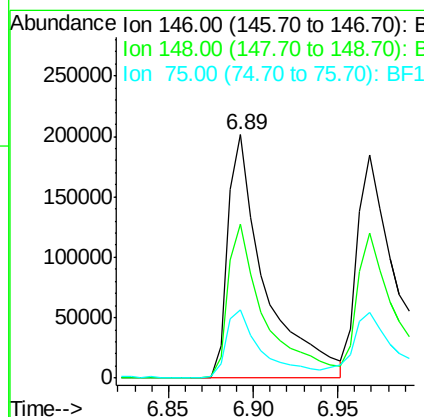
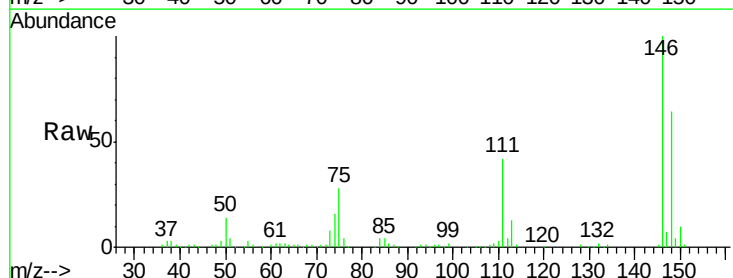
Manual Integrations
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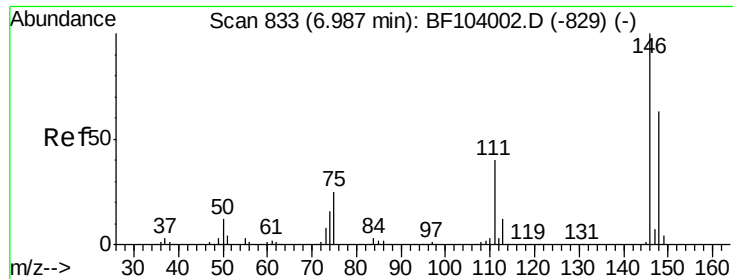
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#12
1,3-Dichlorobenzene
Concen: 36.077 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:	146	Resp:	305716
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
75	28.0	24.2	36.4





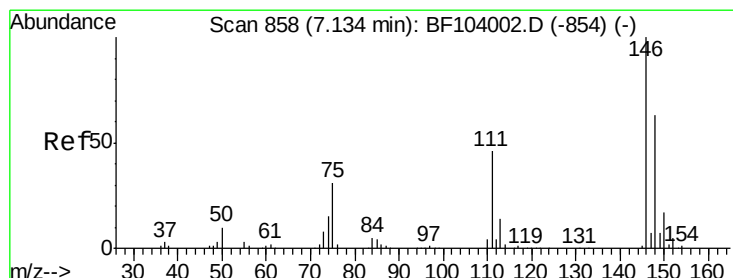
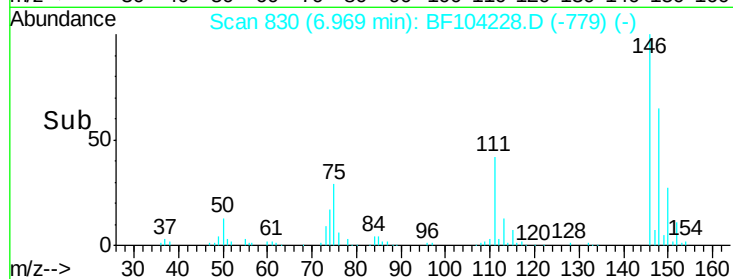
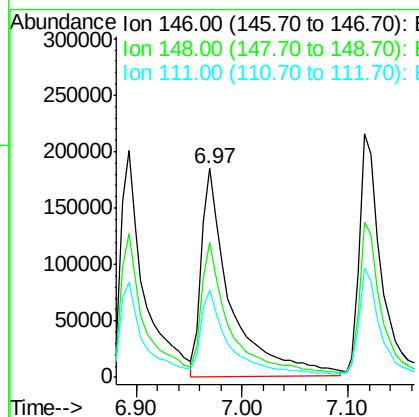
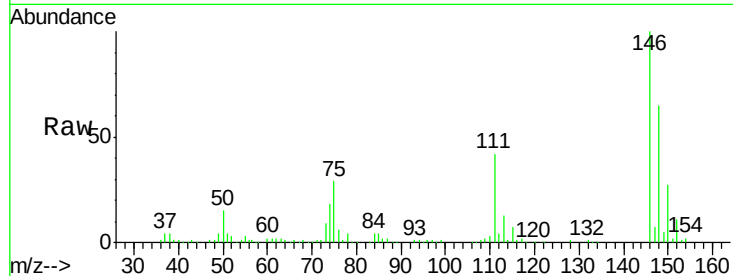
#13
 1,4-Dichlorobenzene
 Concen: 38.797 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampled :
 PB107929BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	41.9	34.2	51.2

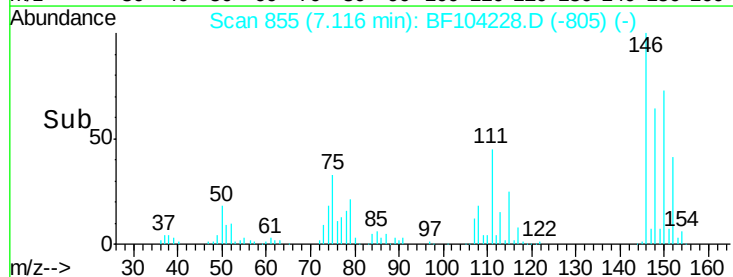
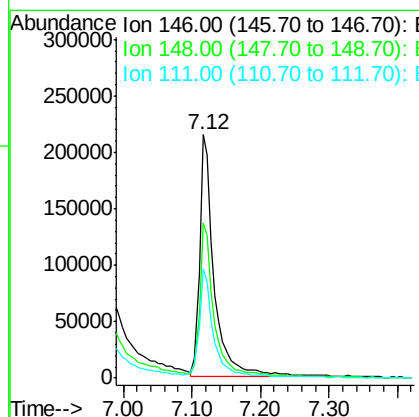
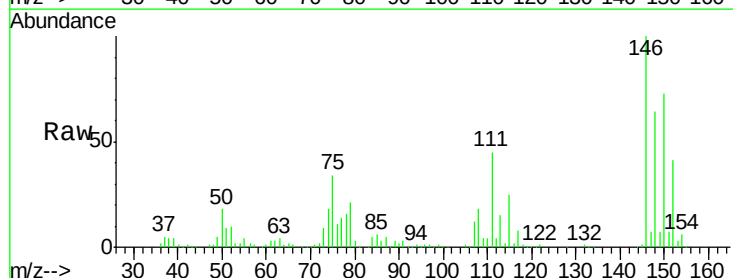
Manual Integrations
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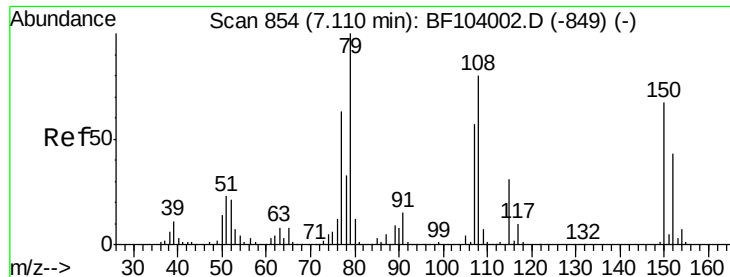
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#14
 1,2-Dichlorobenzene
 Concen: 39.101 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	44.6	36.0	54.0





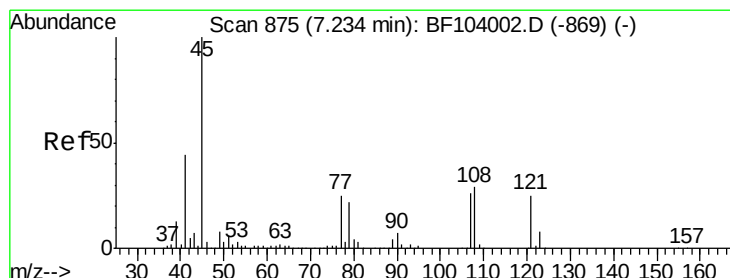
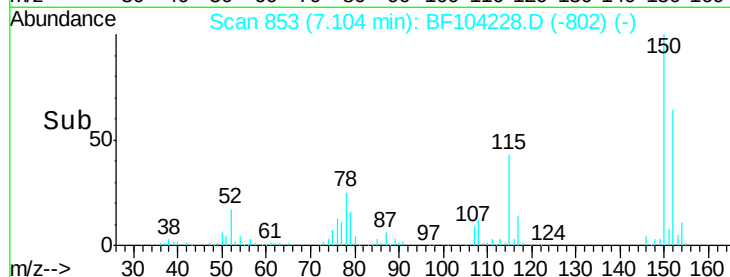
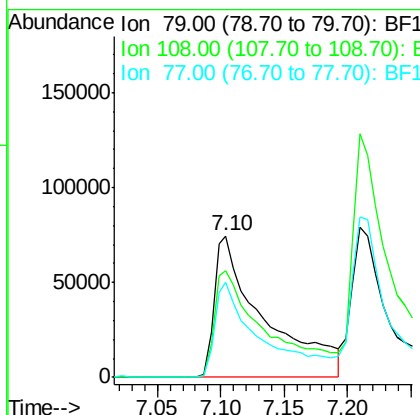
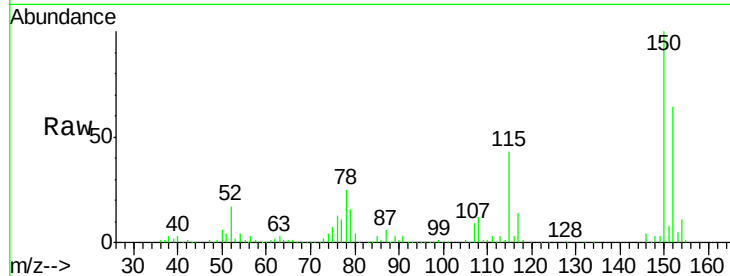
#15
Benzyl Alcohol
Concen: 37.024 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	65.1	97.7
77	67.0	50.6	75.8

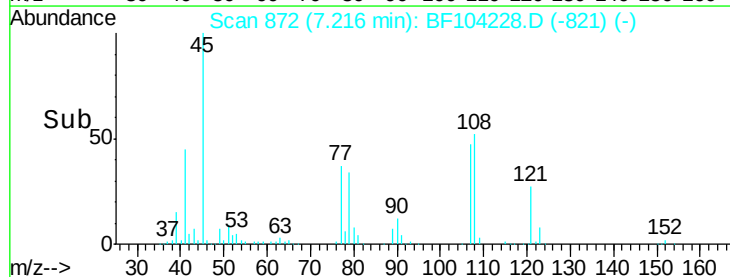
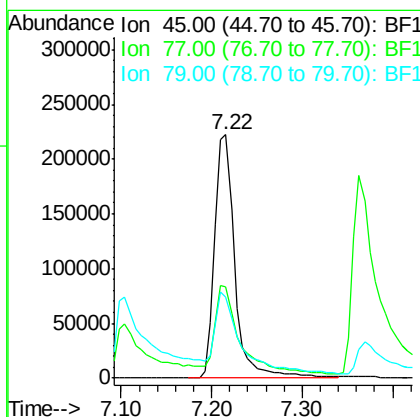
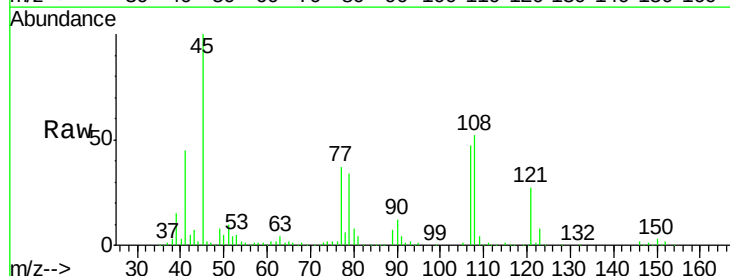
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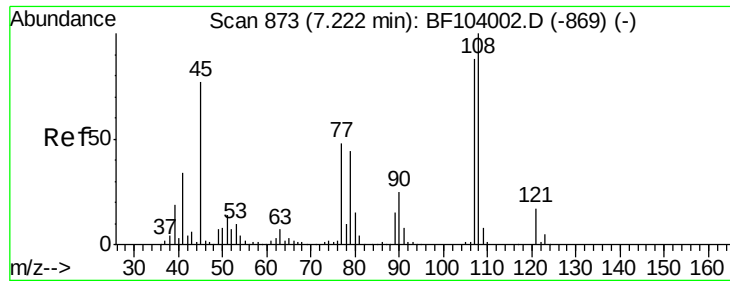
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.090 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.4	0.0	32.9#
79	33.5	0.0	29.6#





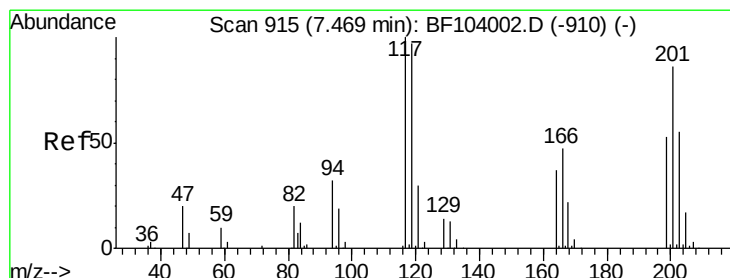
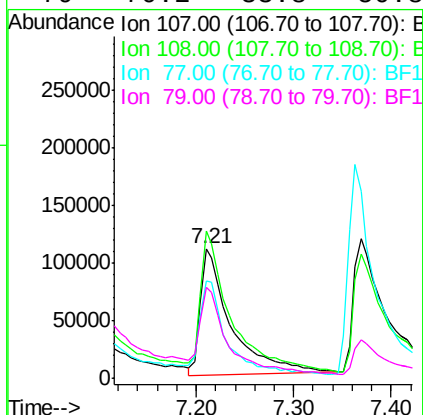
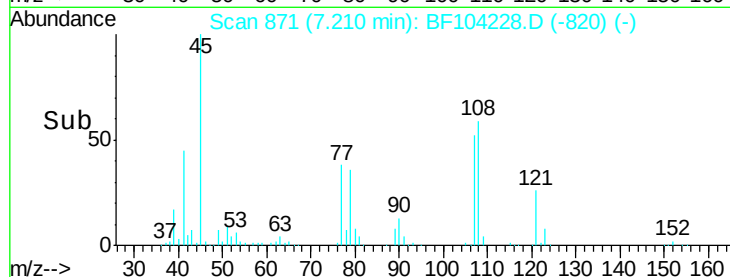
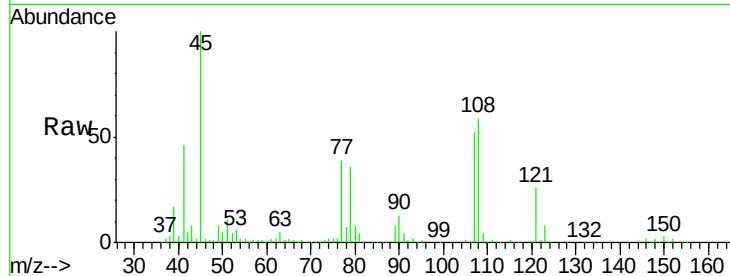
#17
2-Methylphenol
Concen: 38.621 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	75.1	33.8	50.8#
79	70.2	33.8	50.8#

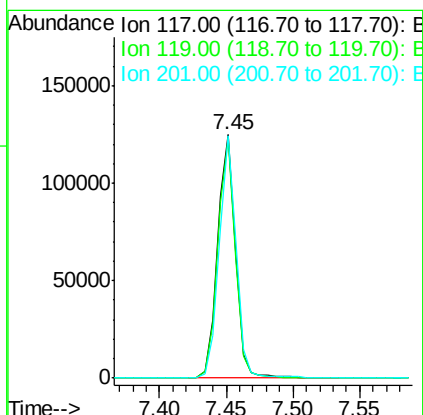
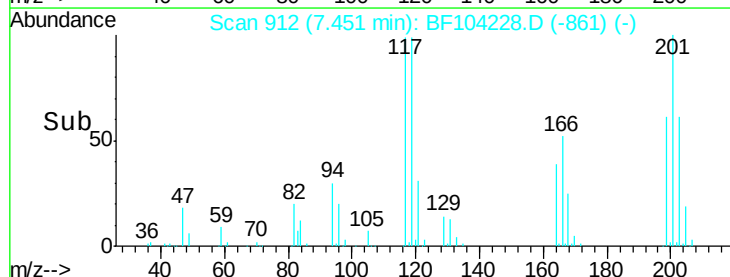
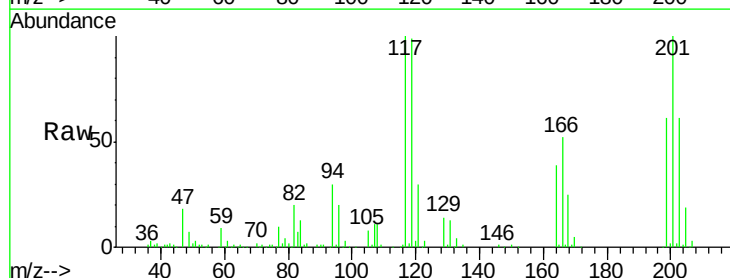
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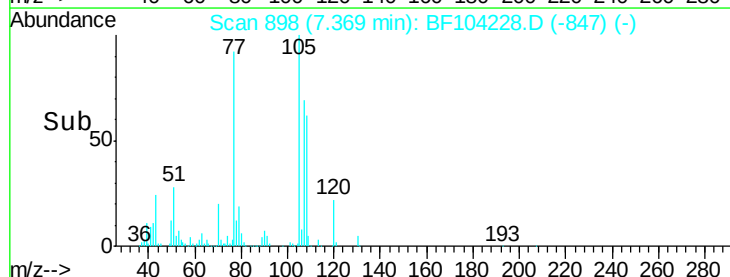
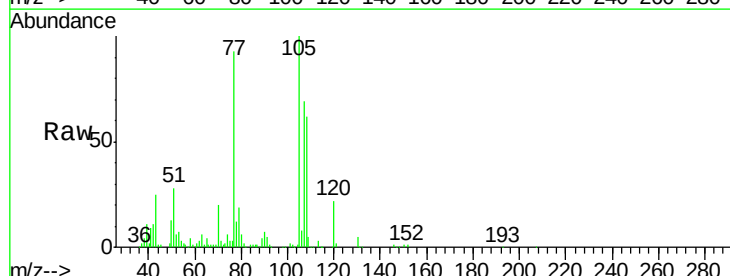
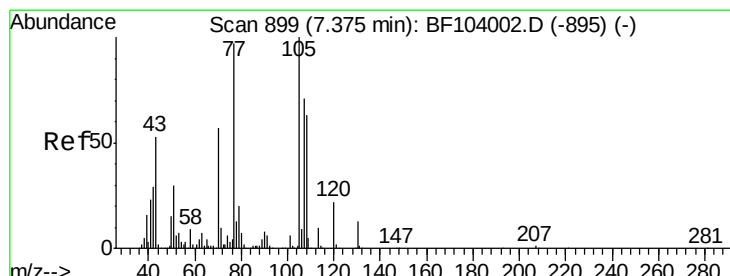
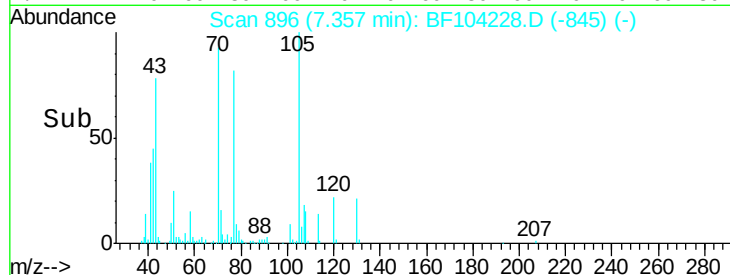
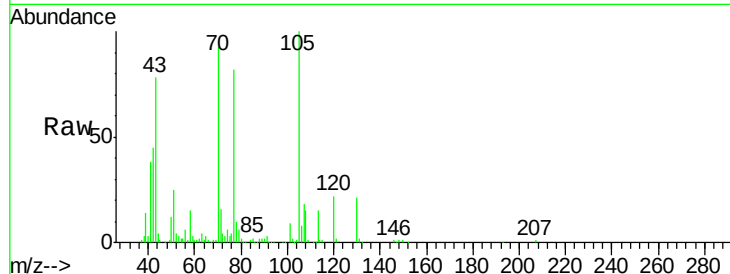
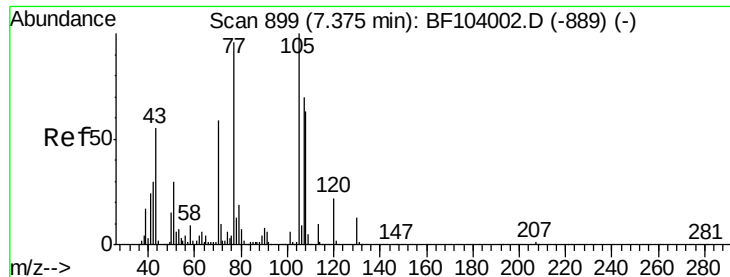
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#18
Hexachloroethane
Concen: 39.030 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

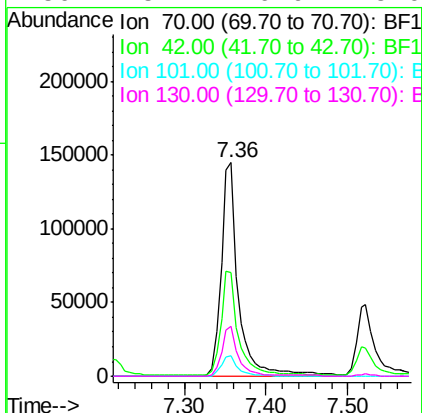
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
201	99.5	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 42.278 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tot Ion	70	Resp	212139
Ion Ratio	Lower	Upper	
70	100		
42	48.7	47.5	71.3
101	9.9	7.4	11.2
130	23.1	16.6	25.0



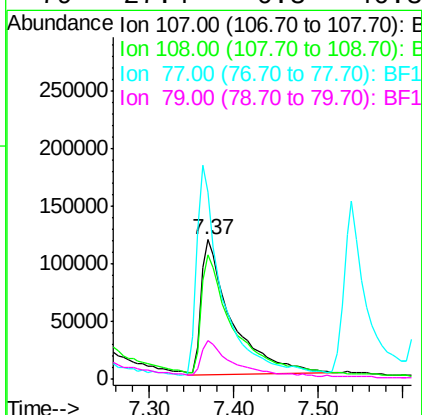
Instrument :
BNA_F
ClientSampleId :
PB107929BS

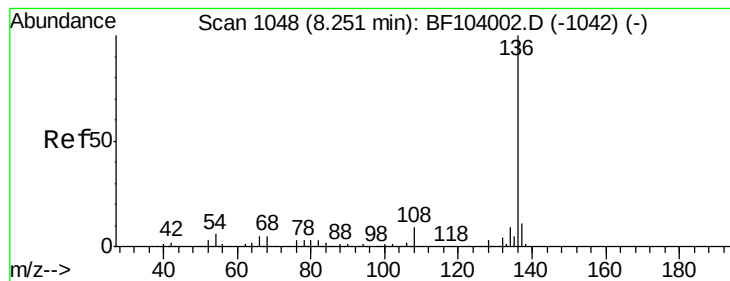
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#20
3+4-Methylphenols
Concen: 38.099 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	107	Resp	298340
Ion Ratio	Lower	Upper	
107	100		
108	89.4	68.2	108.2
77	133.9	26.7	66.7#
79	27.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

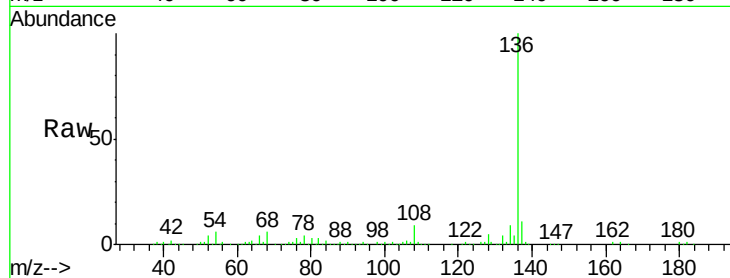
ClientSampled :

PB107929BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		471052		
137	10.9		8.9	13.3	
54	6.5		6.6	9.8#	
68	5.9		5.0	7.4	

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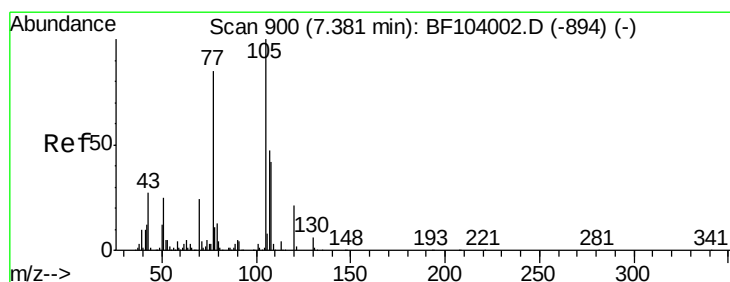
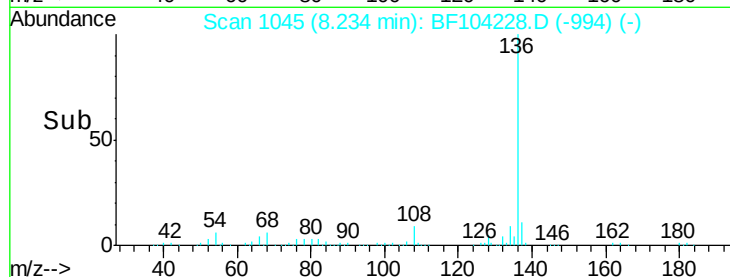
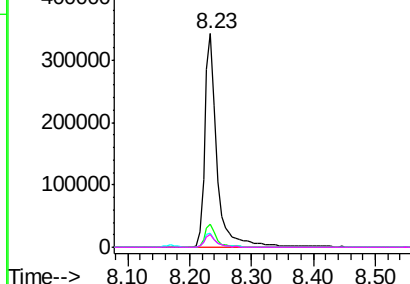


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.162 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

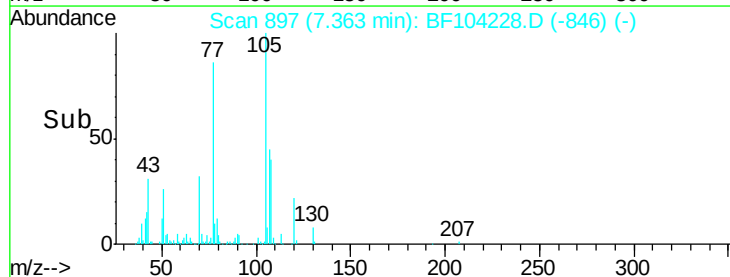
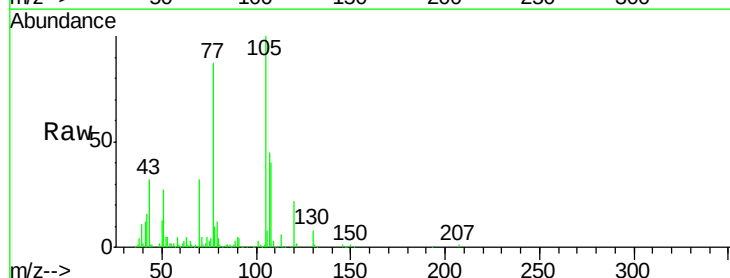
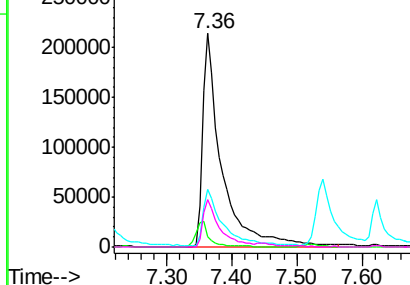
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		434929		
71	5.0		4.4	6.6	
51	26.7		22.3	33.5	
120	22.0		16.9	25.3	

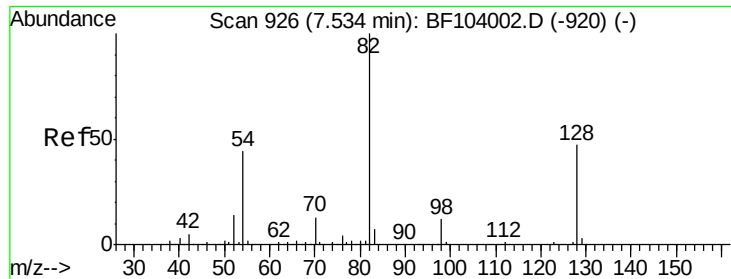
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





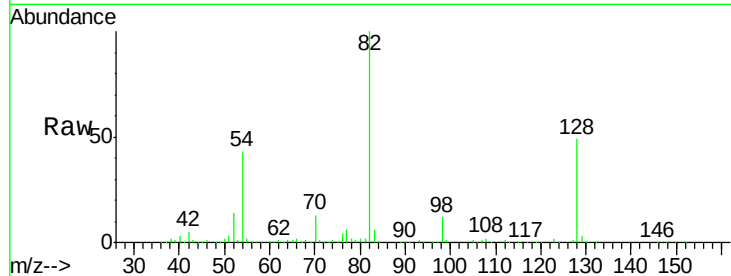
#23
 Nitrobenzene-d5
 Concen: 79.057 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

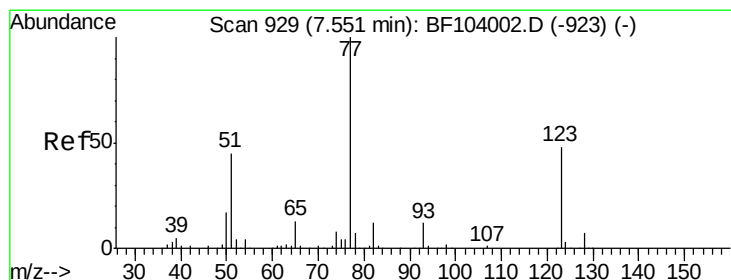
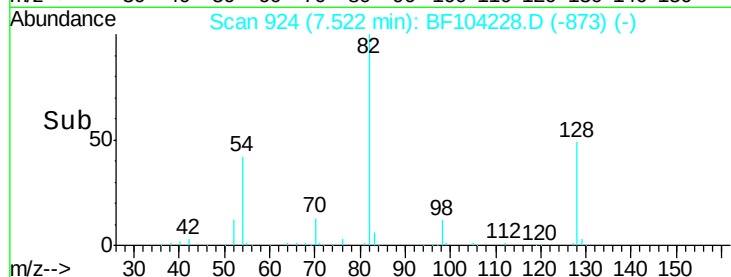
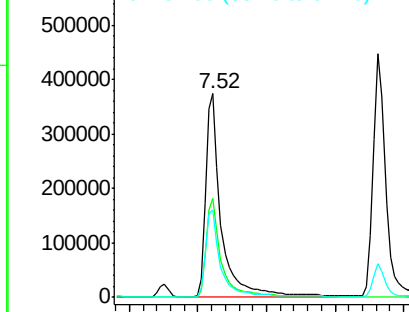
Tot Ion	Ratio	Resp	Lower	Upper
82	100	608942		
128	48.8		36.1	54.1
54	43.0		41.4	62.2

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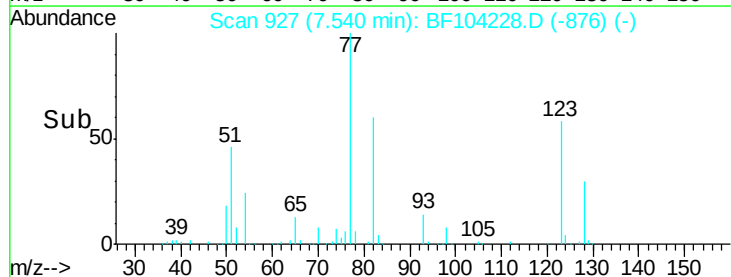
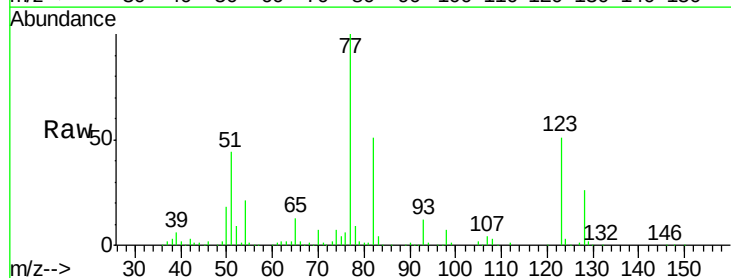
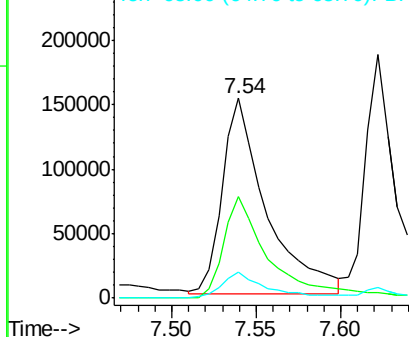
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

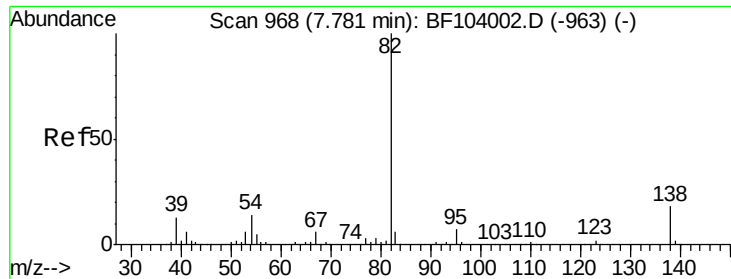


#24
 Nitrobenzene
 Concen: 33.790 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	273846		
123	50.6		37.9	56.9
65	12.8		11.0	16.4

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





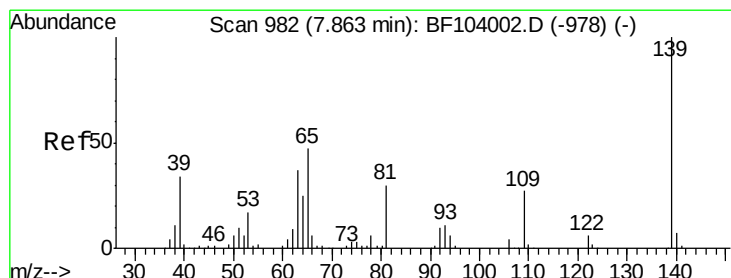
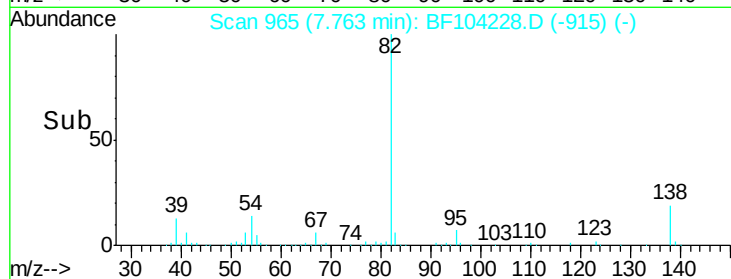
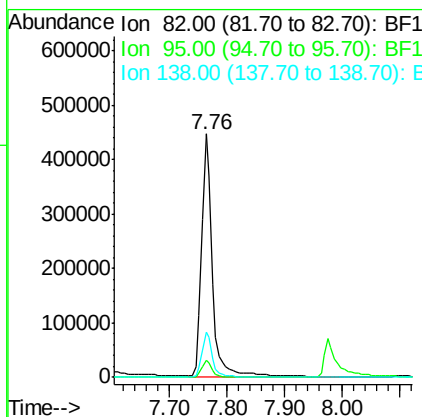
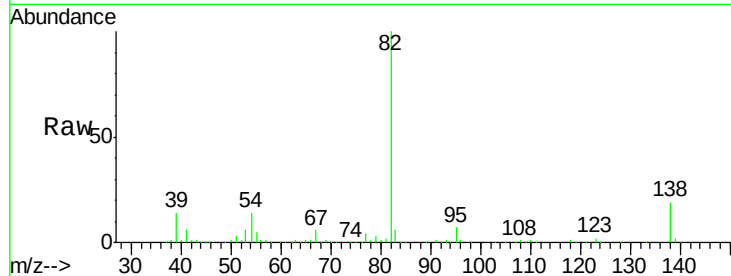
#25
Isophorone
Concen: 41.760 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.2	7.8	
138	18.5	14.9	22.3	

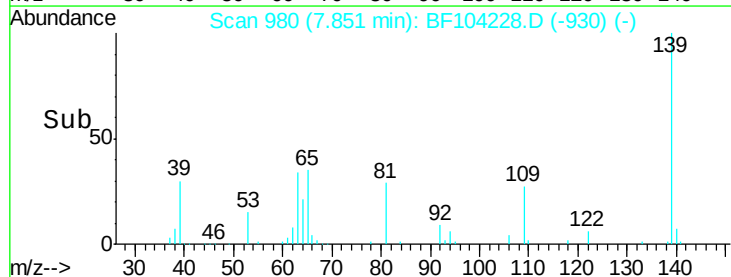
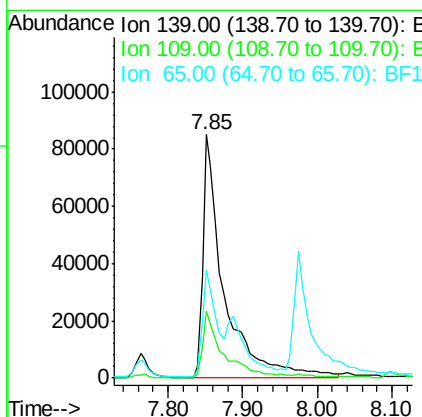
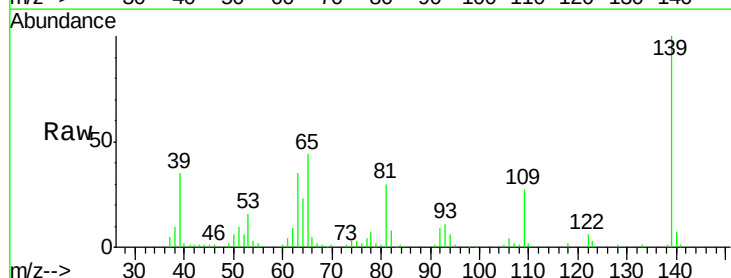
Manual Integrations
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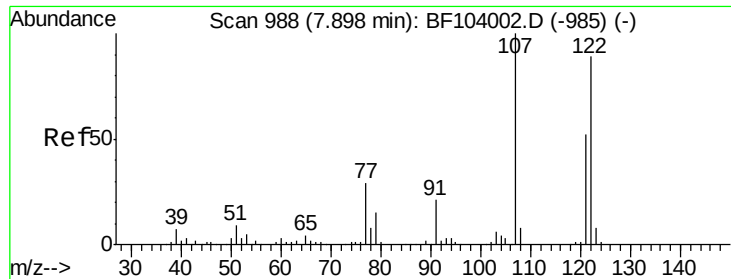
Sohil
4/5/2018 4:38:46 PM



#26
2-Nitrophenol
Concen: 40.094 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.2	22.7	34.1	
65	44.1	40.5	60.7	





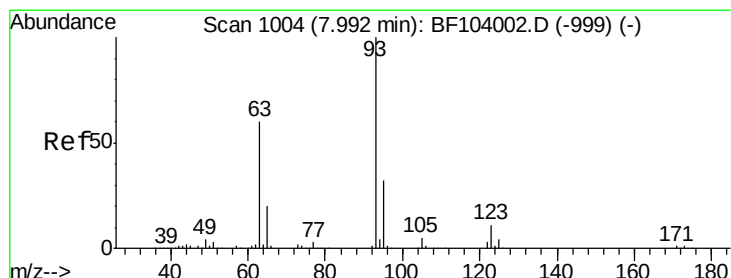
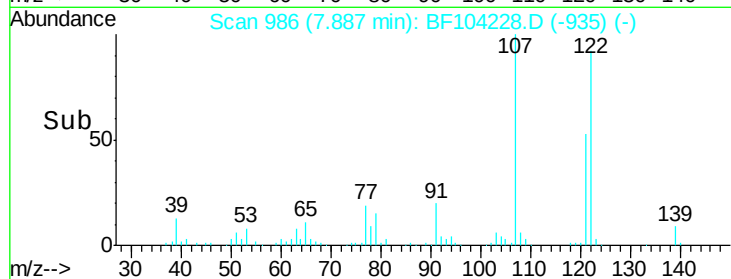
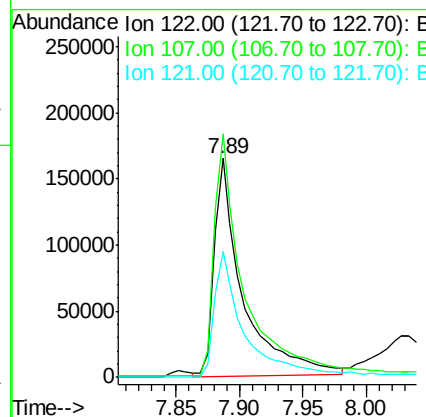
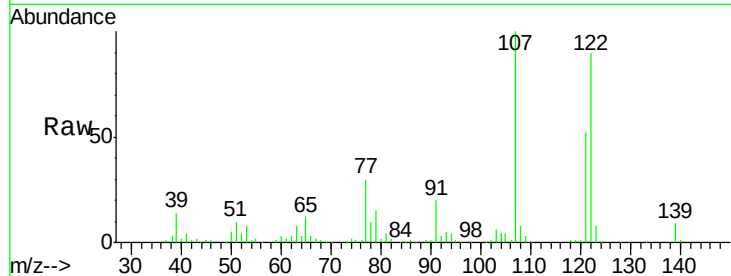
#27
2,4-Dimethylphenol
Concen: 43.062 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	262723		
107	111.2	91.2	136.8	
121	57.6	47.2	70.8	

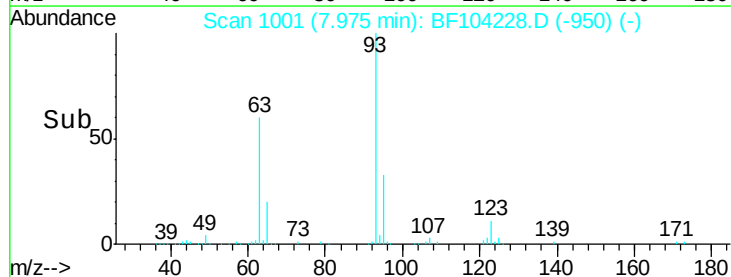
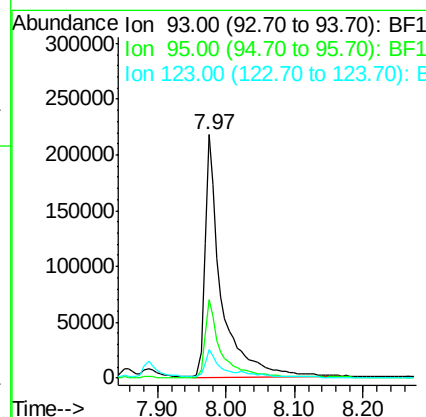
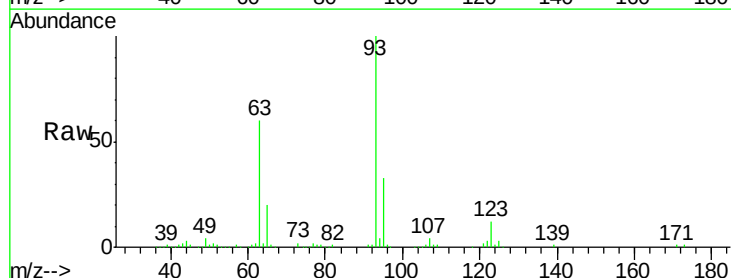
Manual Integrations
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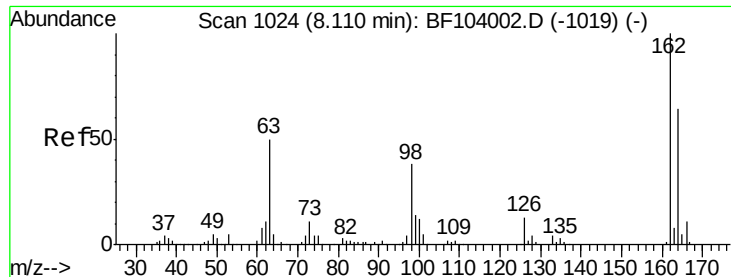
Sohil
4/5/2018 4:38:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.067 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	365365		
95	32.5	26.3	39.5	
123	11.8	9.8	14.6	





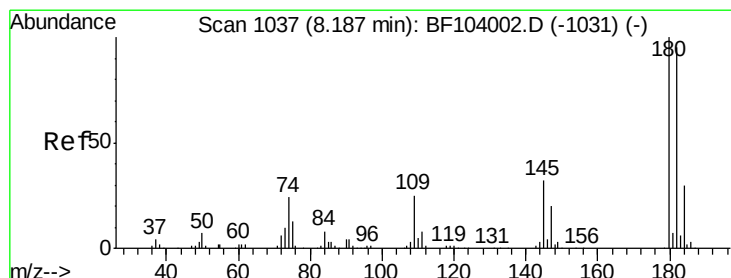
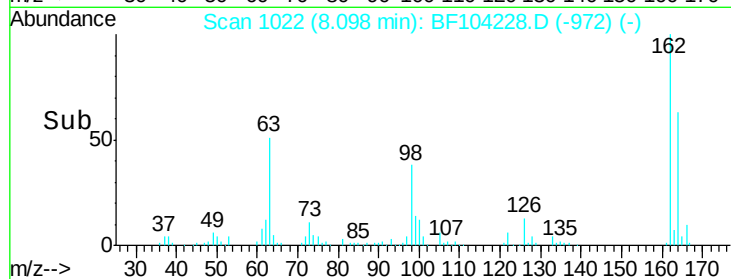
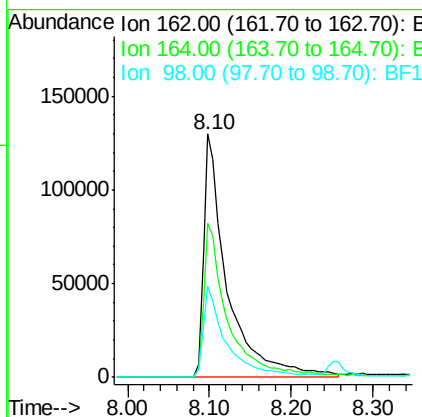
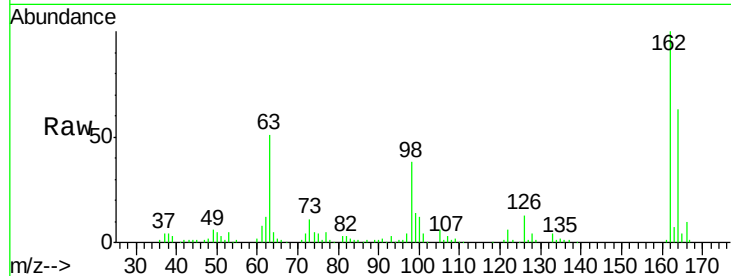
#29
 2,4-Dichlorophenol
 Concen: 40.992 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	261227		
164	63.1	42.7	82.7	
98	37.6	18.1	58.1	

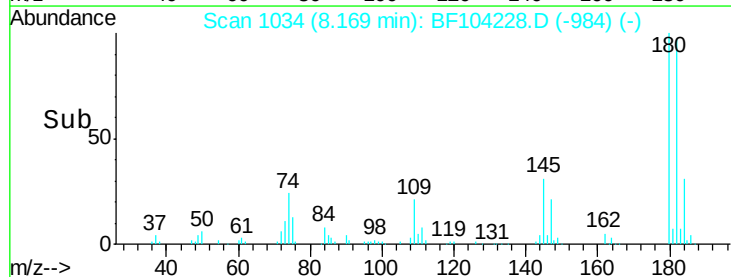
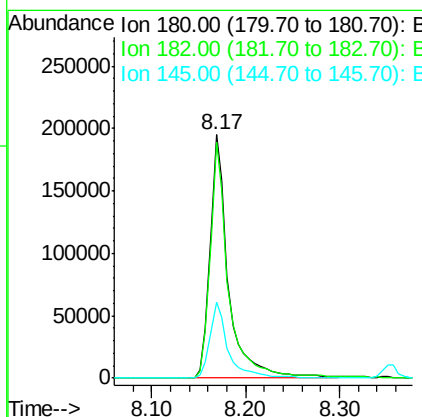
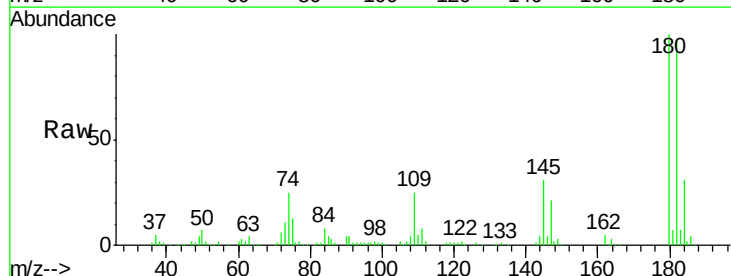
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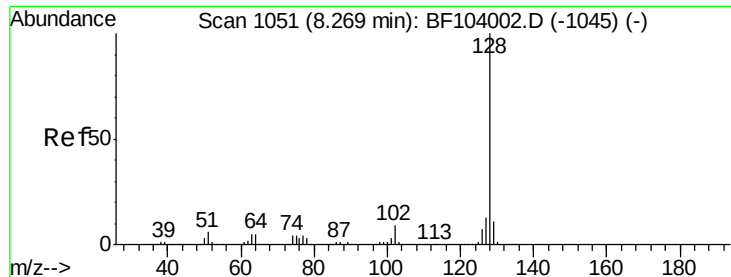
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.418 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270549		
182	96.8	76.8	115.2	
145	31.3	26.5	39.7	





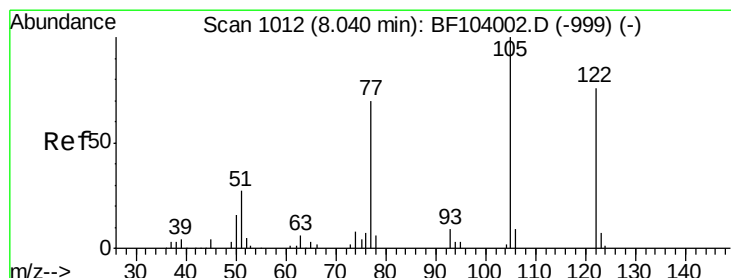
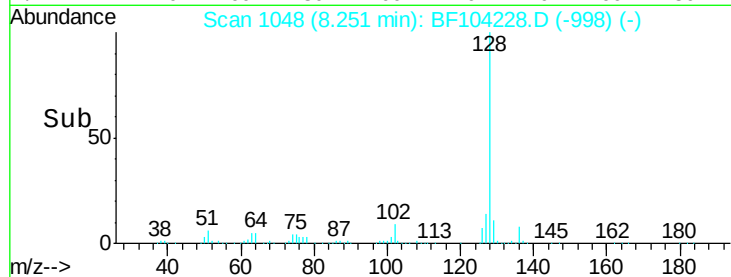
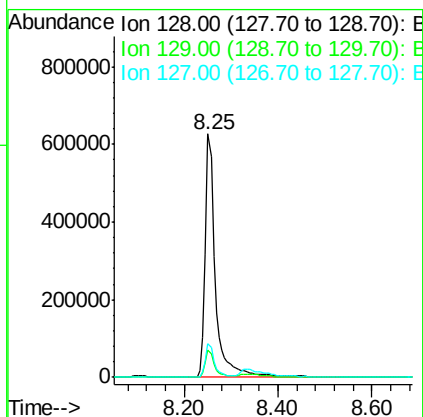
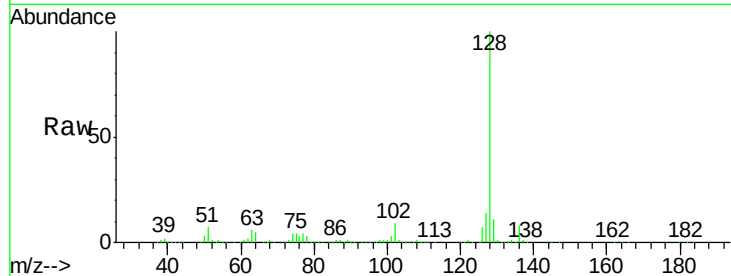
#31
Naphthalene
Concen: 40.814 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.8	13.2	
127	13.7	10.9	16.3	

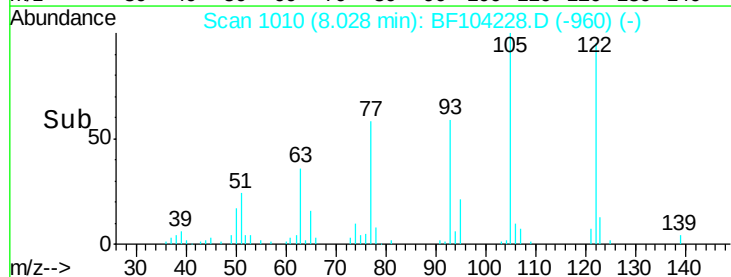
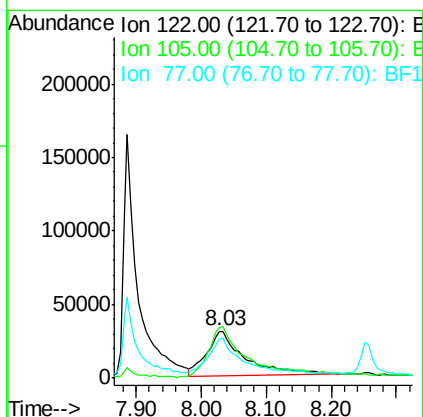
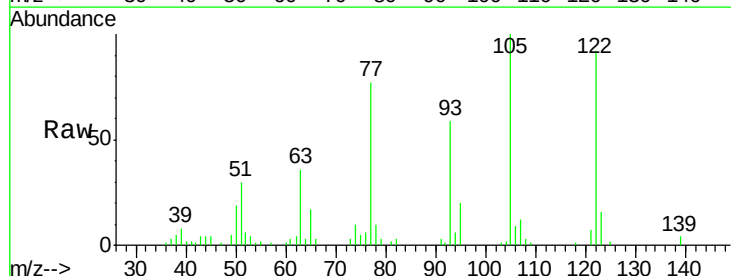
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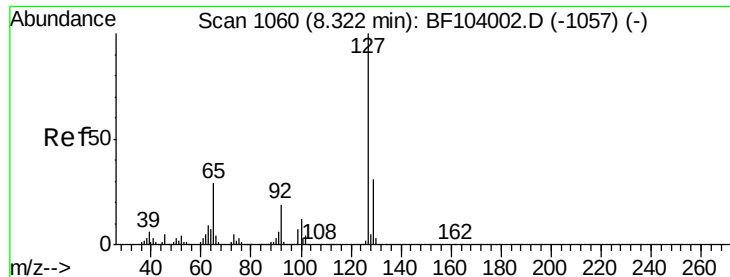
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#32
Benzoic acid
Concen: 28.053 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	109.2	101.1	141.1	
77	84.3	70.7	110.7	





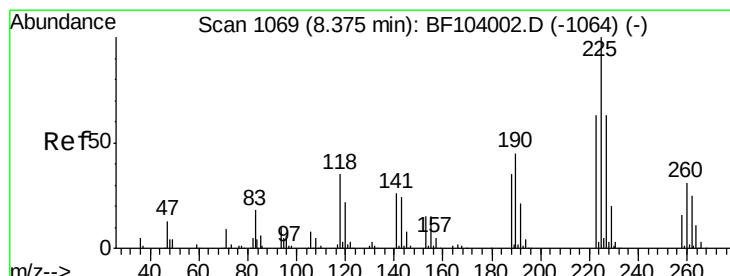
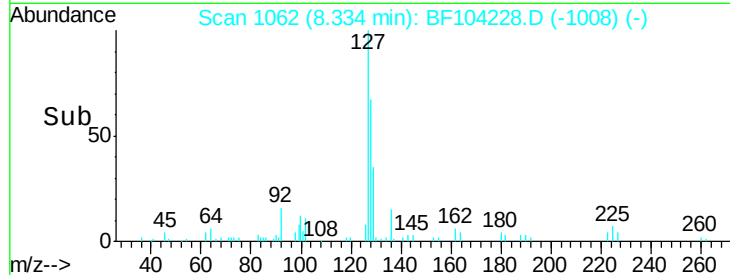
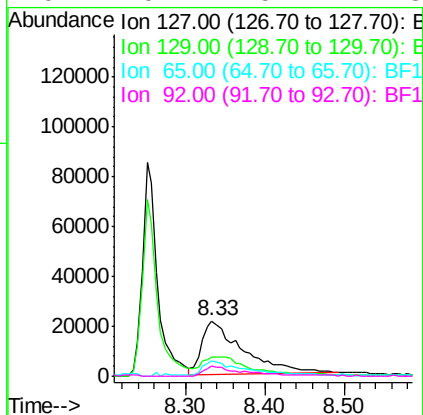
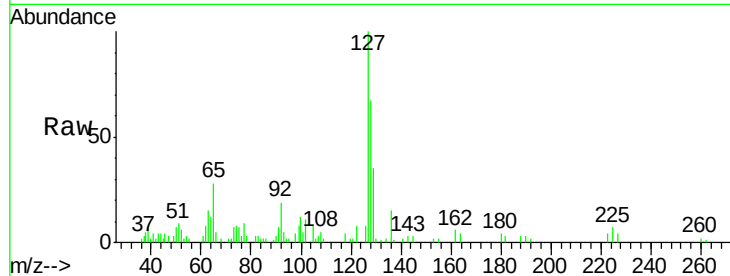
#33
 4-Chloroaniline
 Concen: 8.009 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. 0.02 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		77699		
129	35.4	25.9	38.9		
65	27.6	25.0	37.4		
92	19.2	15.2	22.8		

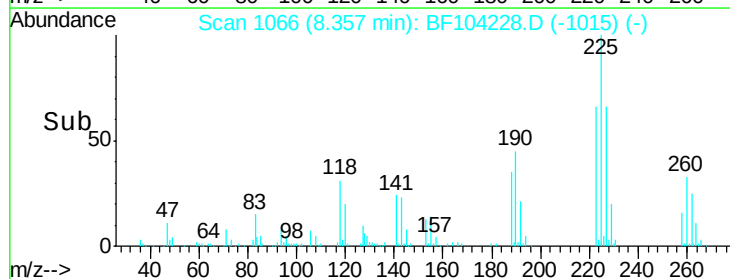
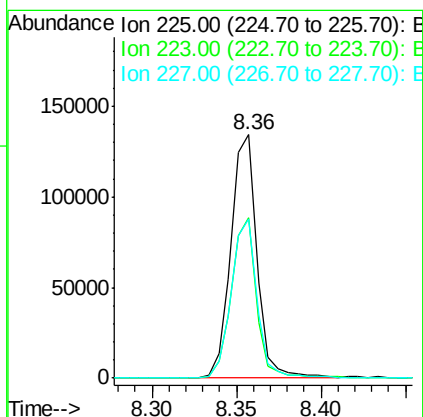
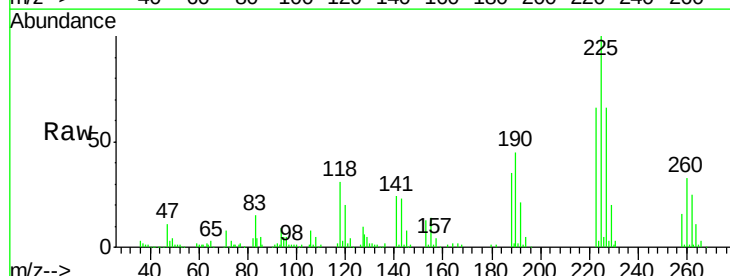
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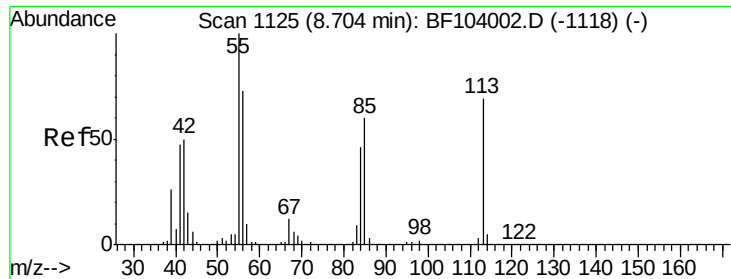
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#34
 Hexachlorobutadiene
 Concen: 36.619 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		144081		
223	65.8	50.6	76.0		
227	65.6	51.9	77.9		





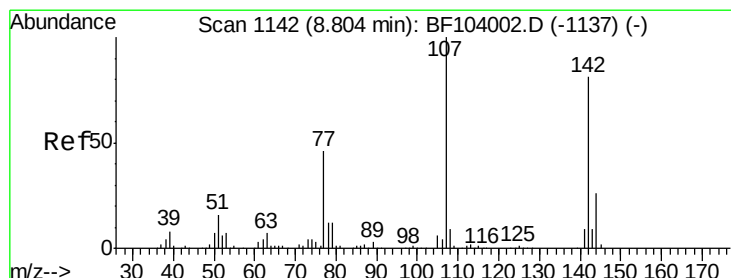
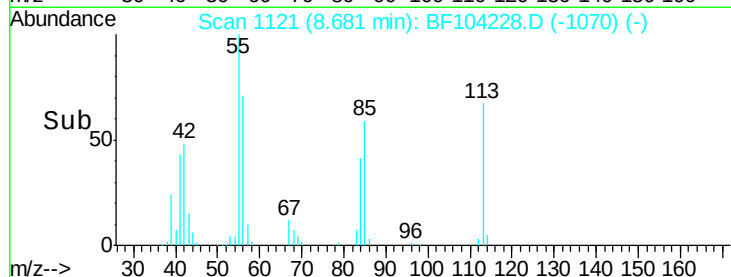
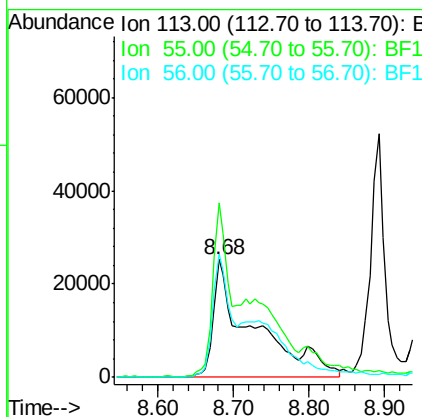
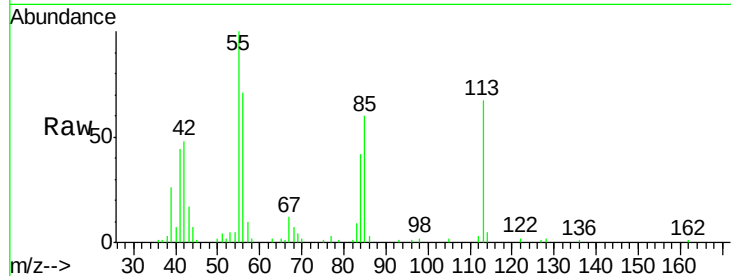
#35
 Caprolactam
 Concen: 45.393 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion:113 Resp: 91723
 Ion Ratio Lower Upper
 113 100
 55 148.8 163.3 203.3#
 56 104.9 115.7 155.7#

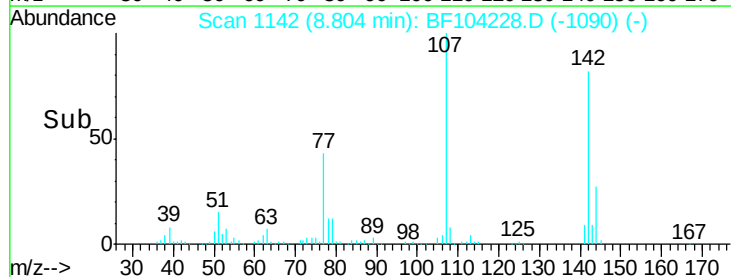
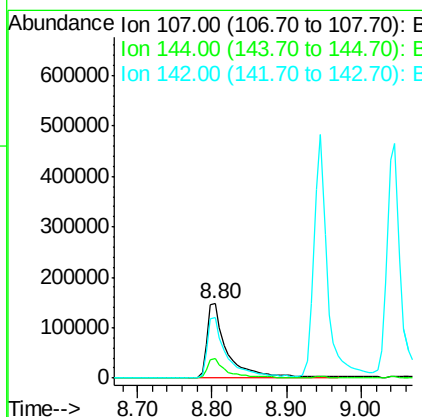
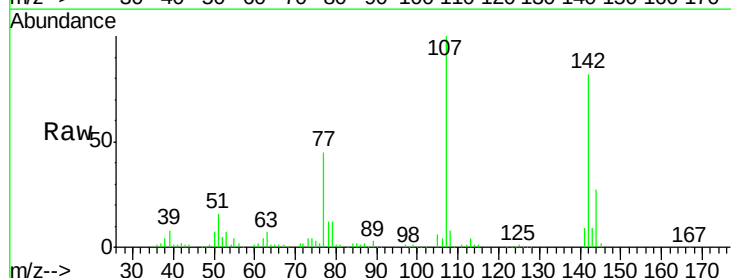
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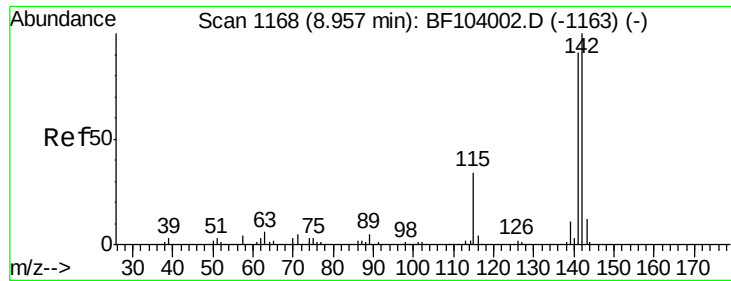
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#36
 4-Chloro-3-methylphenol
 Concen: 42.347 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:107 Resp: 285434
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 81.8 62.0 93.0





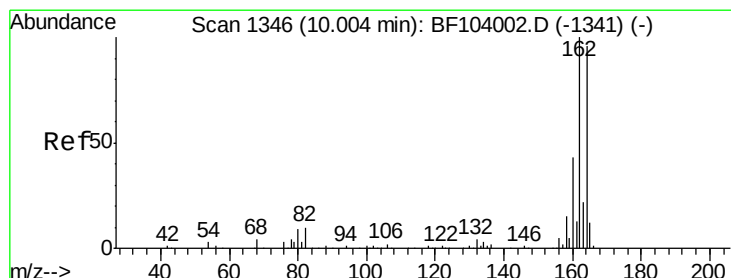
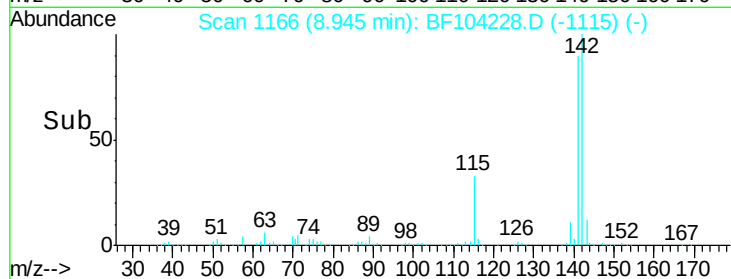
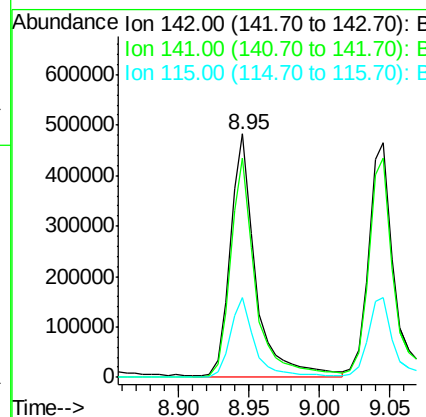
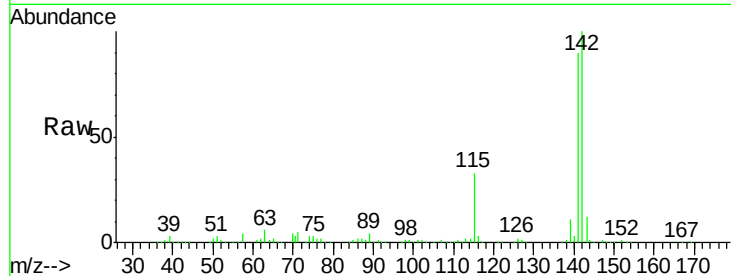
#37
2-Methylnaphthalene
Concen: 39.675 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	32.8	26.1	39.1

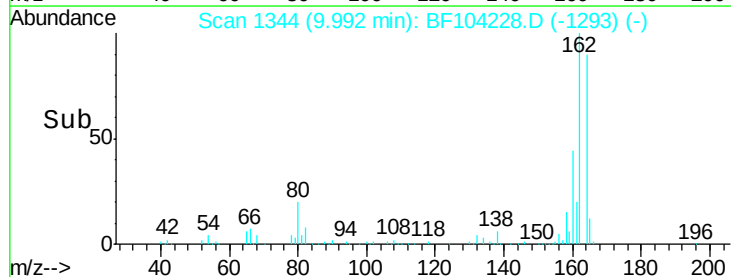
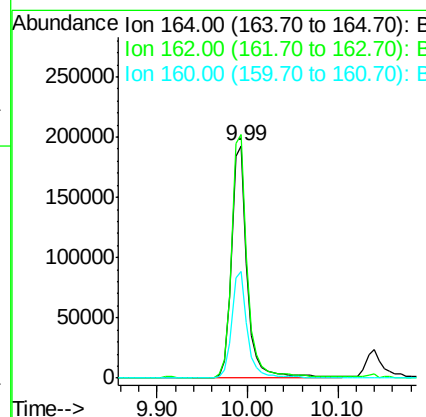
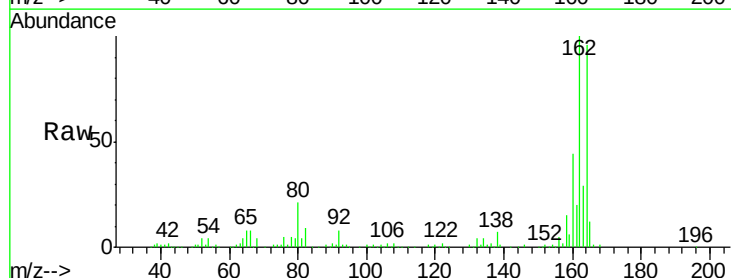
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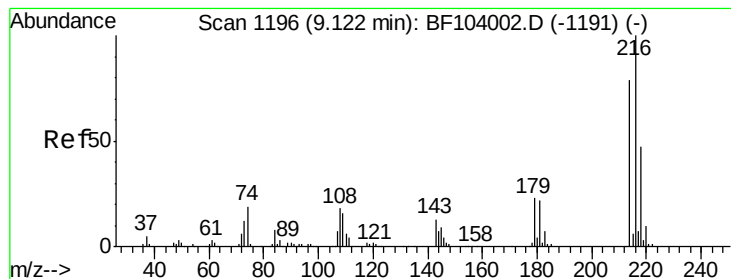
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.717 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

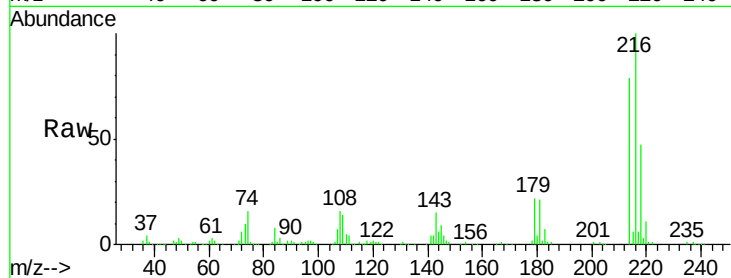
ClientSampleId :

PB107929BS

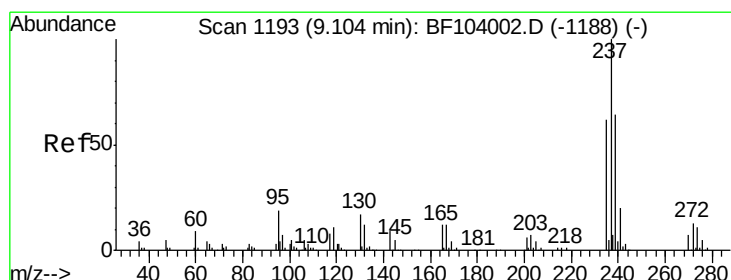
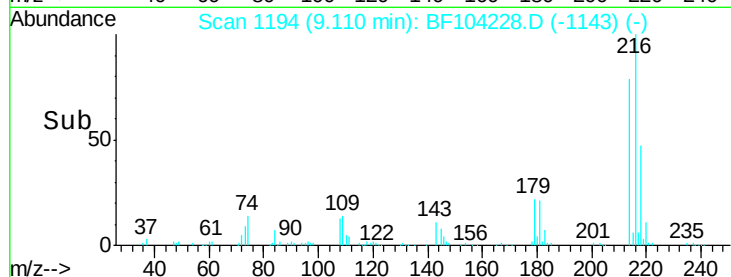
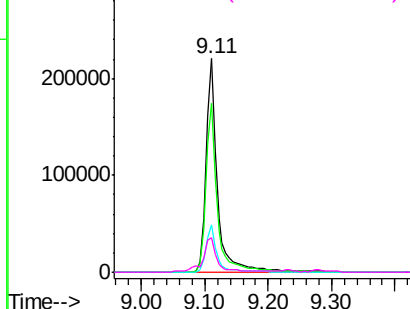
Tot Ion	Ratio	Resp	Lower	Upper
216	100	275198		
214	79.2	63.0	94.4	
179	21.9	18.1	27.1	
108	20.4	17.2	25.8	

Manual Integrations
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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: 56.257 ng

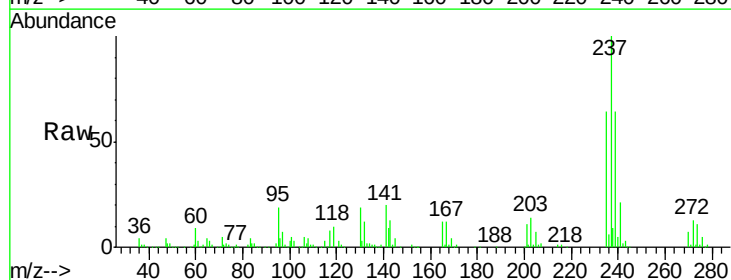
RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

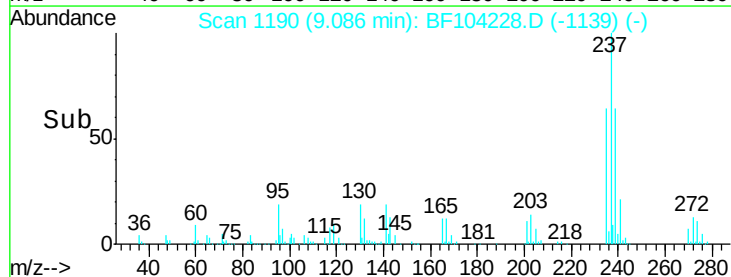
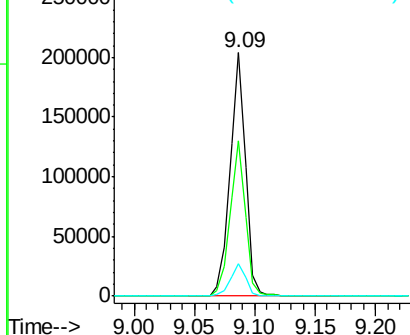
Lab File: BF104228.D

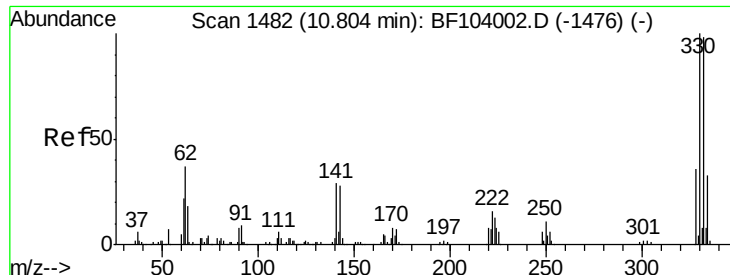
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	182485		
235	63.9	44.8	84.8	
272	13.4	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: 120.752 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

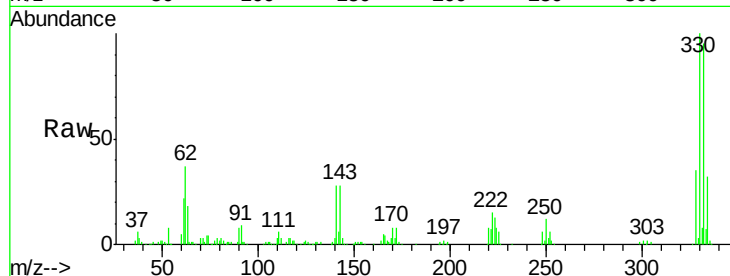
ClientSampleId :

PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	77.0	115.6	
141	28.6	29.9	44.9	

Manual Integrations
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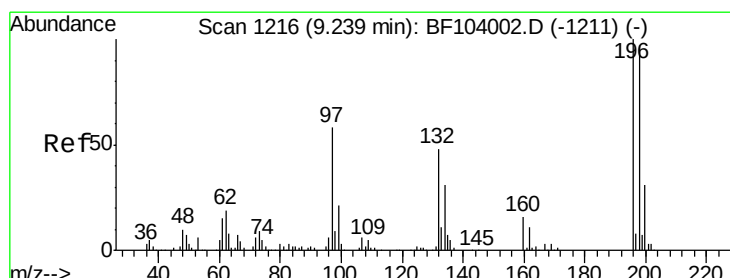
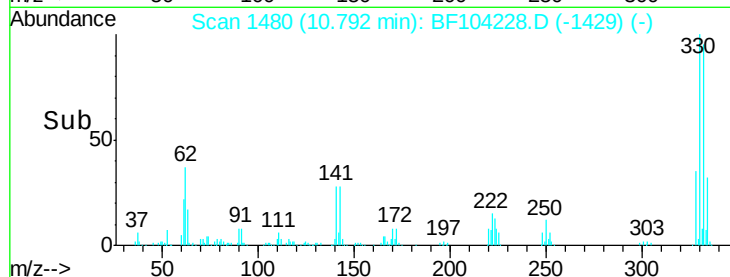
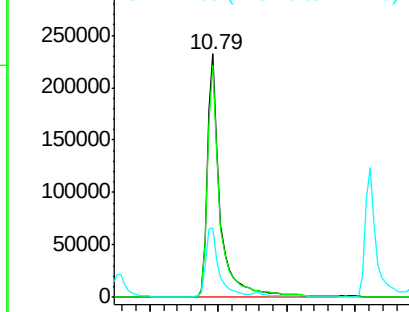


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.572 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

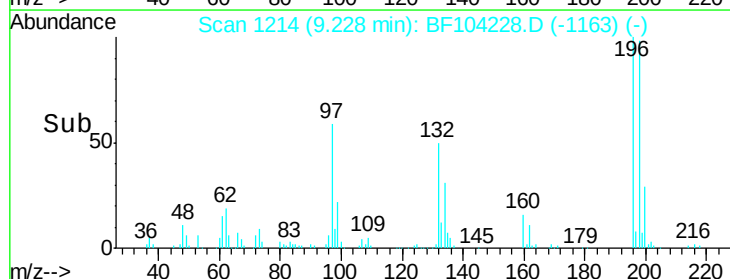
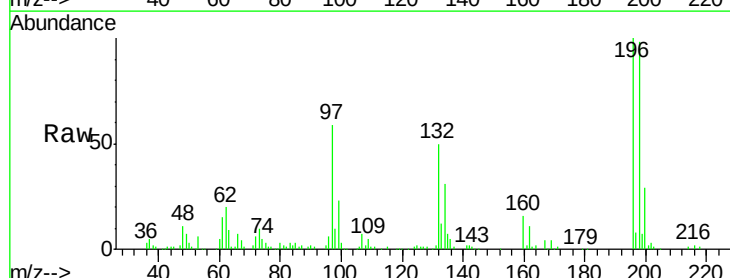
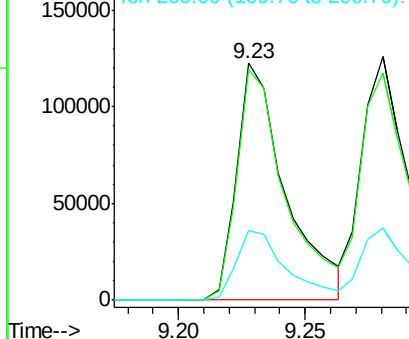
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.5	75.7	113.5	
200	29.2	24.5	36.7	

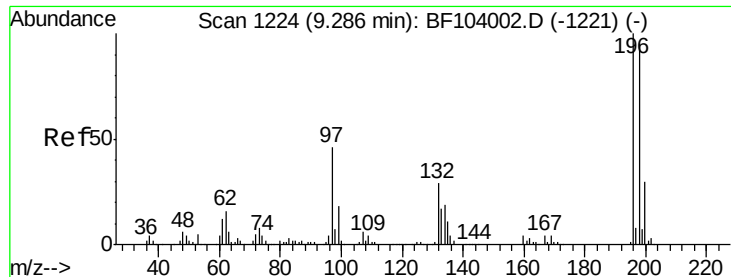
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





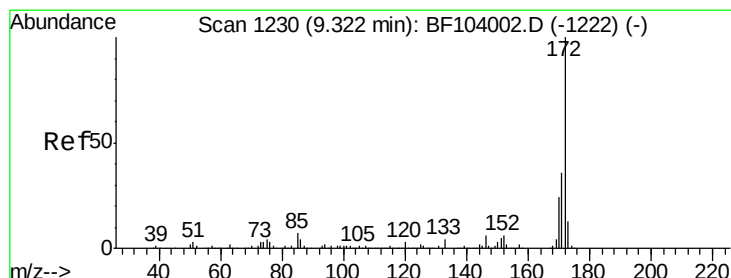
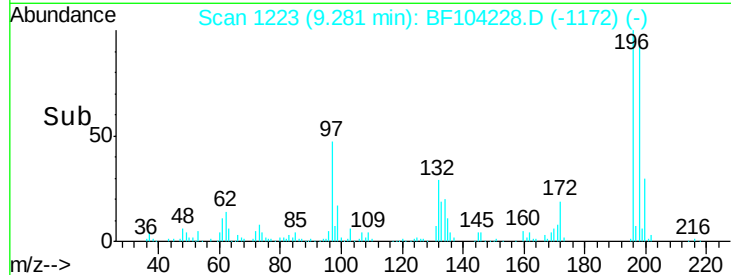
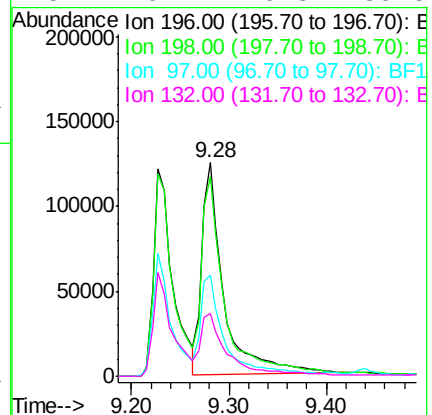
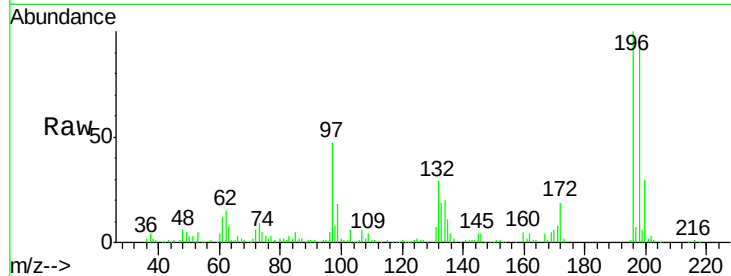
#43
 2,4,5-Trichlorophenol
 Concen: 35.715 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion:	196	Resp:	194089
Ion Ratio	Lower	Upper	
196	100		
198	93.3	74.6	112.0
97	47.3	42.9	64.3
132	29.1	26.3	39.5

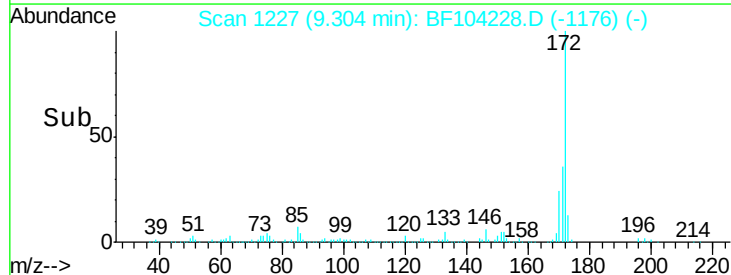
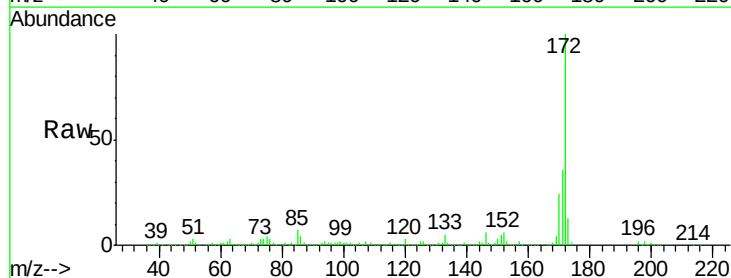
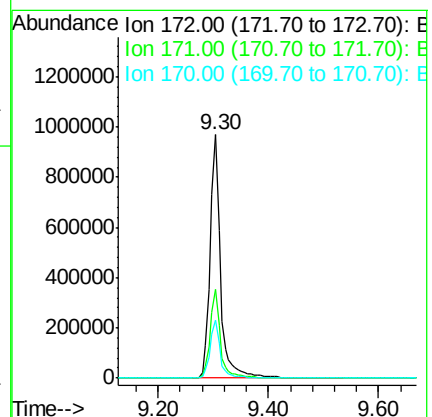
Manual Integrations
 APPROVED

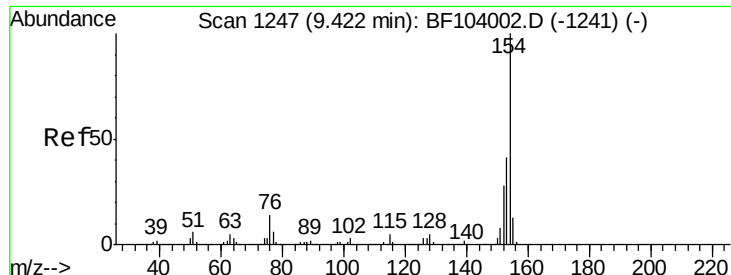
Sohil
 4/5/2018 4:38:46 PM



#44
 2-Fluorobiphenyl
 Concen: 85.031 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:	172	Resp:	1249868
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.7	44.5
170	23.8	19.6	29.4





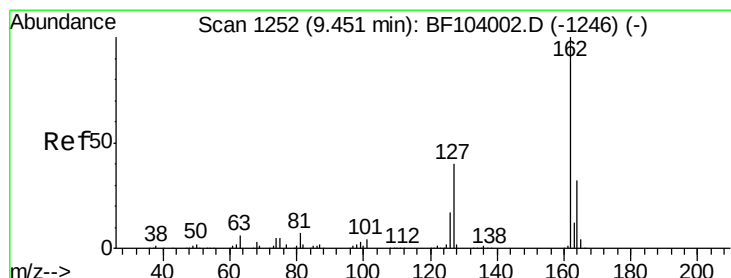
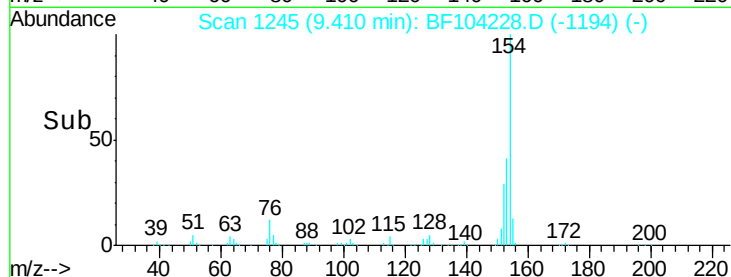
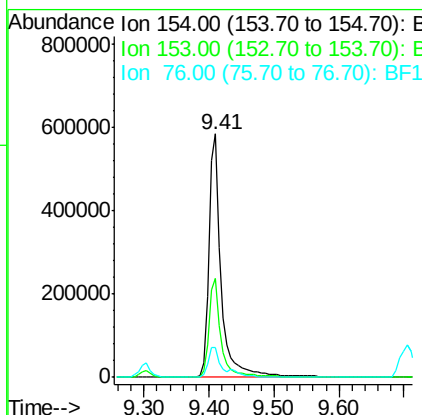
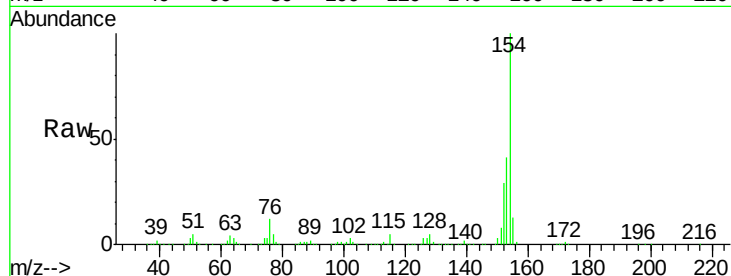
#45
 1,1'-Biphenyl
 Concen: 38.341 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion:	154	Resp:	762751
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	12.5	0.0	34.0

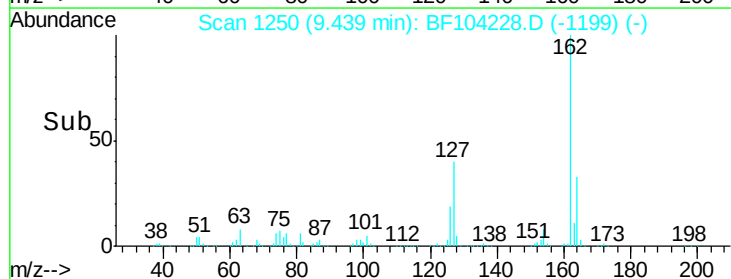
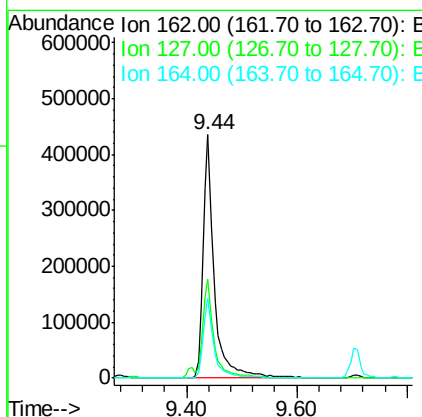
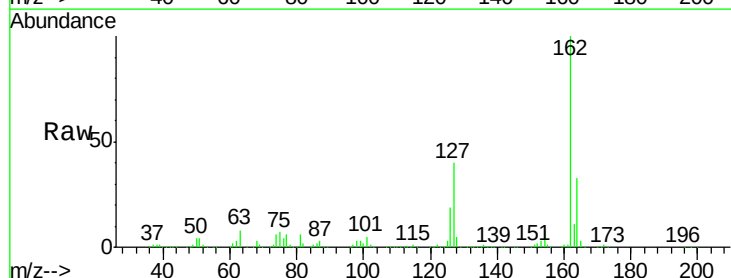
Manual Integrations
 APPROVED

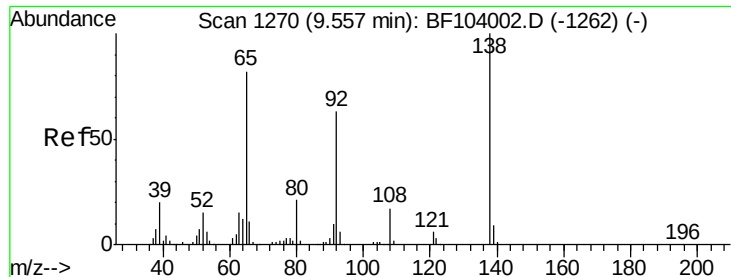
Sohil
 4/5/2018 4:38:46 PM



#46
 2-Chloronaphthalene
 Concen: 38.463 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:	162	Resp:	603585
Ion Ratio	Lower	Upper	
162	100		
127	40.4	33.9	50.9
164	32.8	26.5	39.7





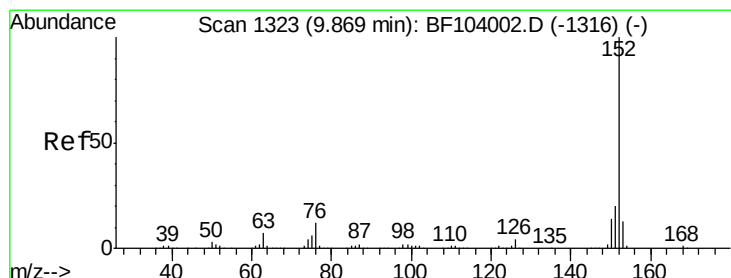
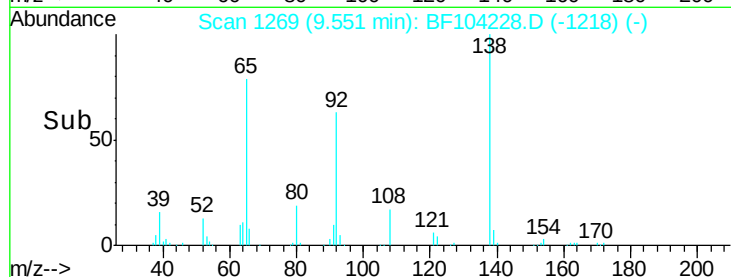
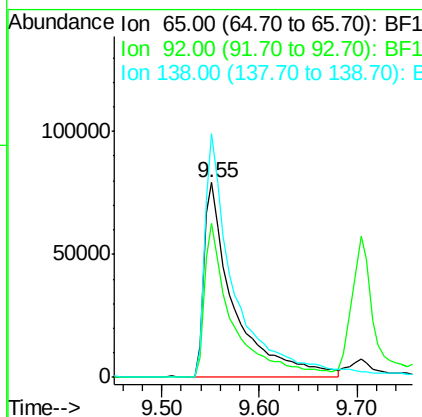
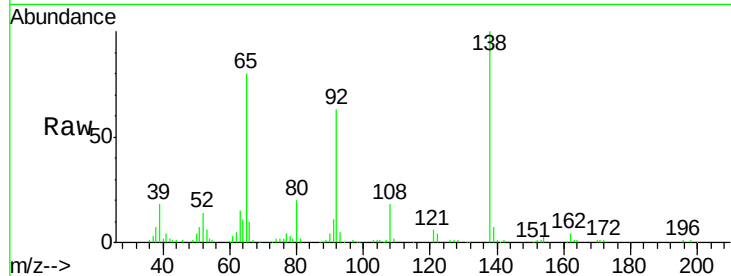
#47
2-Nitroaniline
Concen: 37.657 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.9	55.8	83.6
138	124.9	91.2	136.8

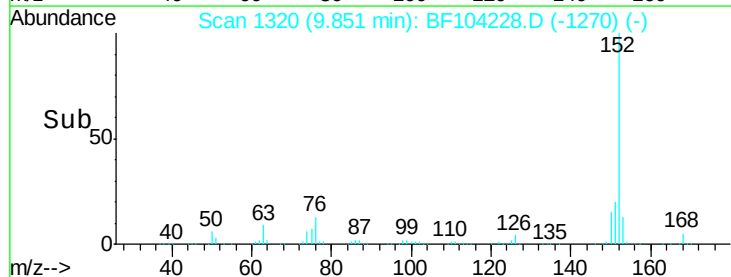
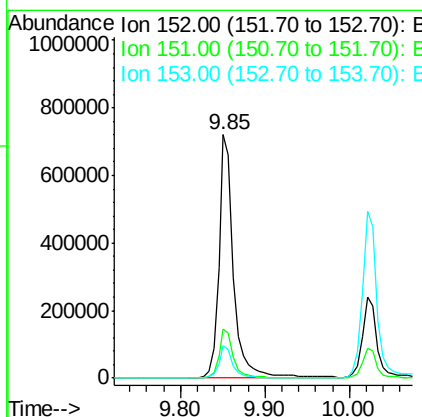
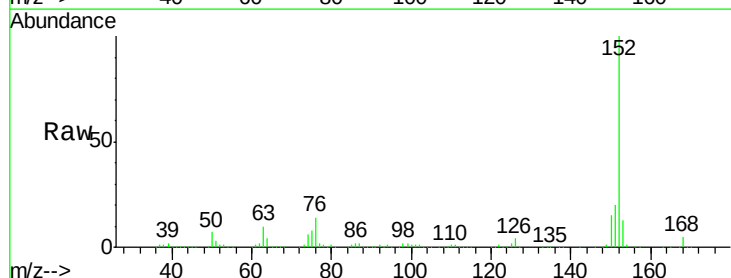
Manual Integrations
APPROVED

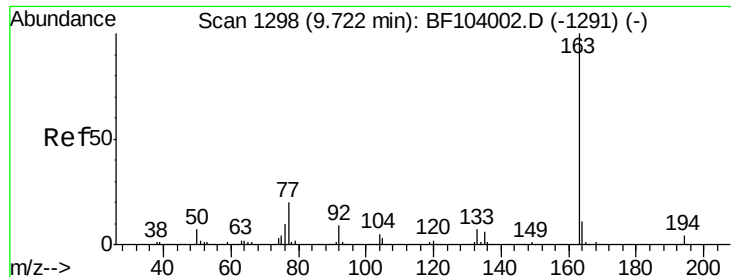
Sohil
4/5/2018 4:38:46 PM



#48
Acenaphthylene
Concen: 36.804 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.2	10.7	16.1





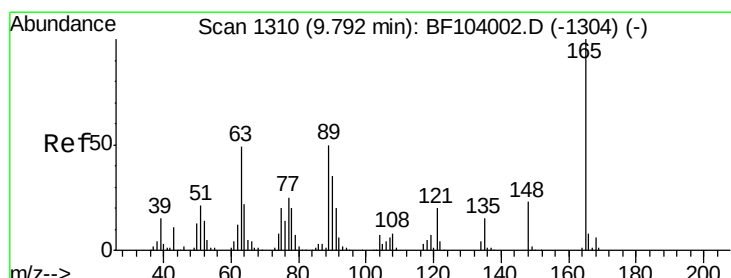
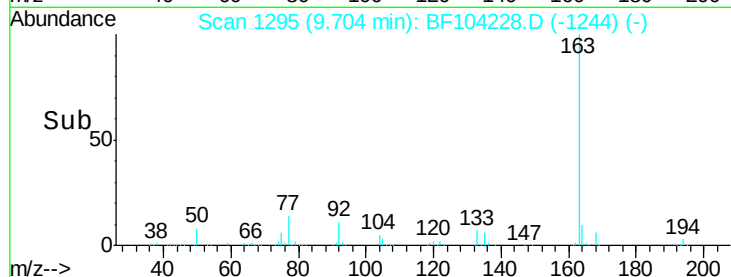
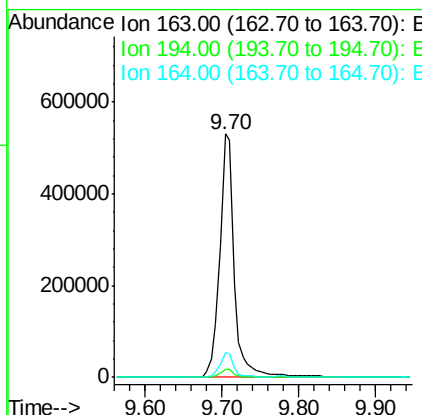
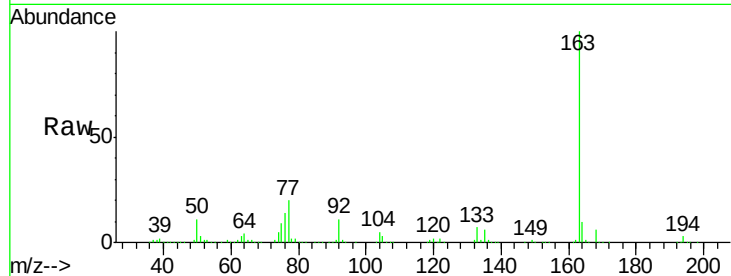
#49
Dimethylphthalate
Concen: 37.948 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	694477		
194	3.3		2.7	4.1
164	10.3		8.2	12.2

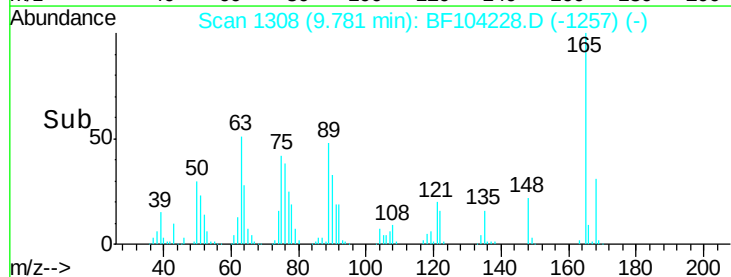
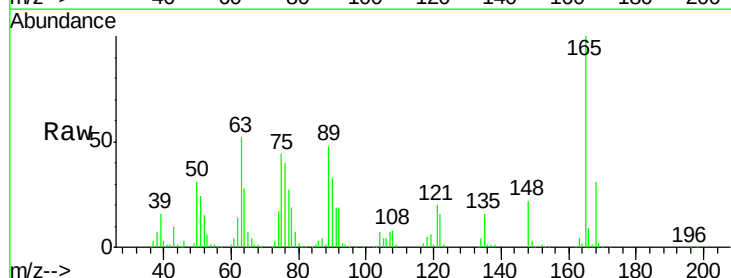
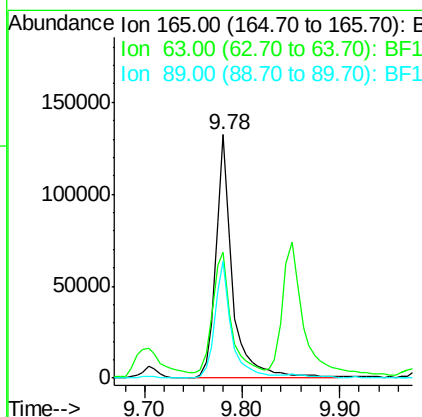
Manual Integrations
APPROVED

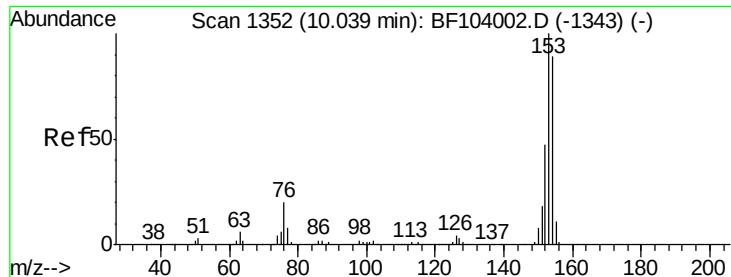
Sohil
4/5/2018 4:38:46 PM



#50
2,6-Dinitrotoluene
Concen: 39.765 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	156564		
63	51.8		44.7	67.1
89	47.8		44.0	66.0





#51

Acenaphthene

Concen: 36.519 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

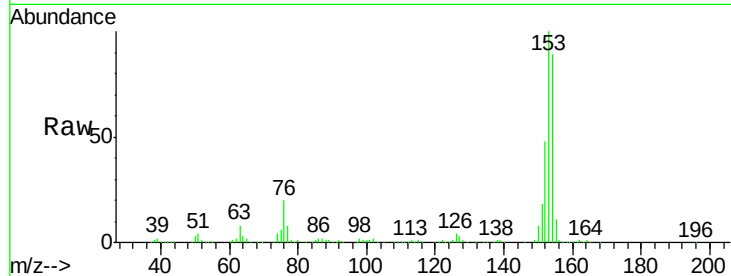
ClientSampleId :

PB107929BS

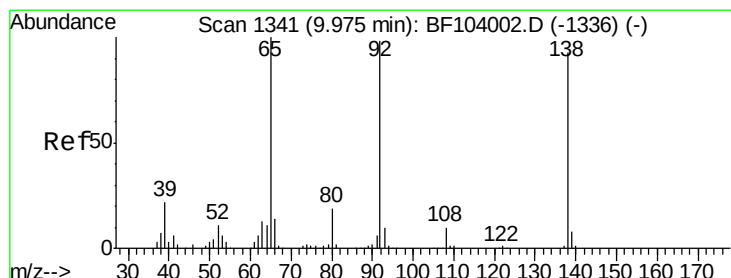
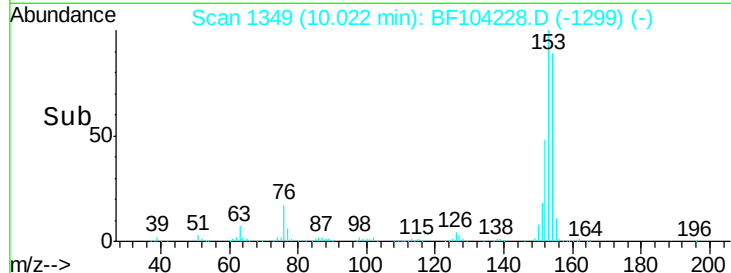
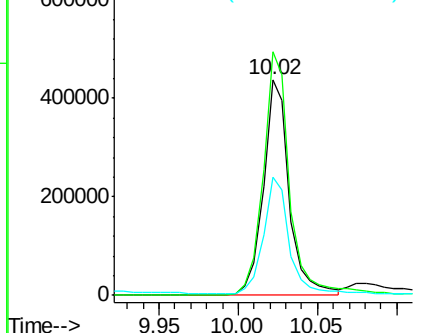
Tot Ion:	154	Resp:	502235
Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	54.7	43.8	65.8

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:46 PM



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: 16.169 ng

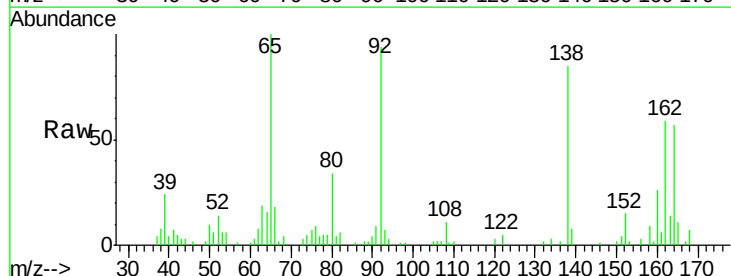
RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

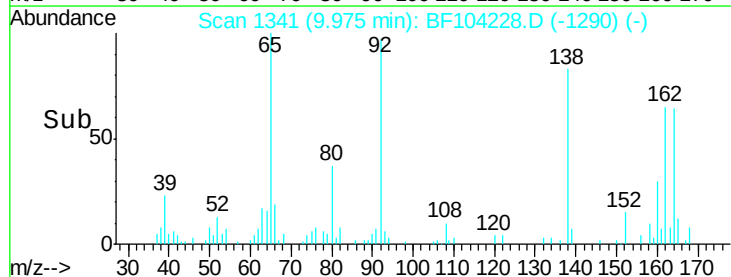
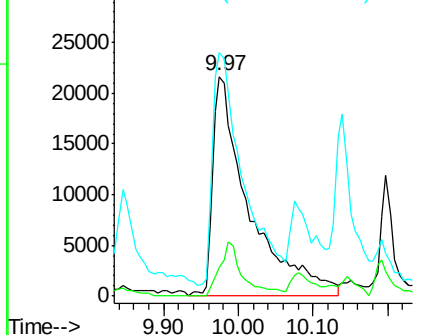
Lab File: BF104228.D

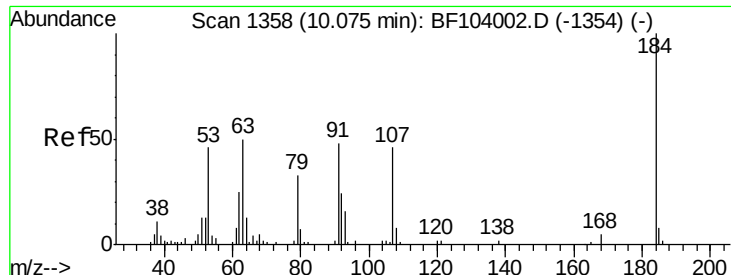
Acq: 4 Apr 2018 16:36

Tgt Ion:	138	Resp:	73180
Ion	Ratio	Lower	Upper
138	100		
108	13.1	9.4	14.0
92	110.9	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





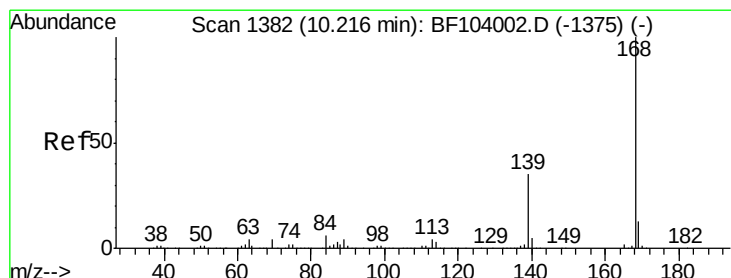
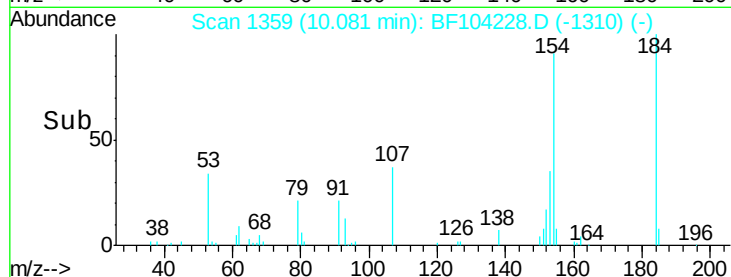
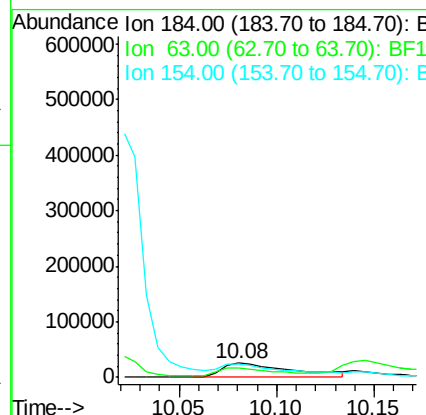
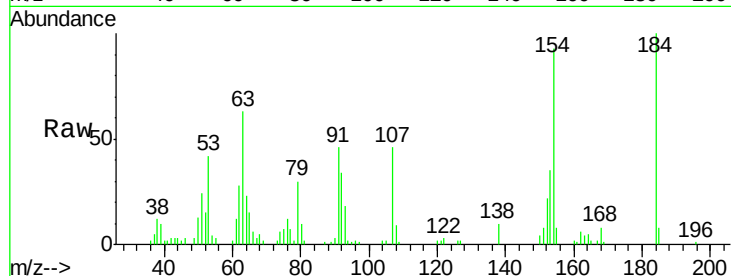
#53
2,4-Dinitrophenol
Concen: 39.985 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampled :
PB107929BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.2	54.2	81.2
154	92.6	184.0	276.0#

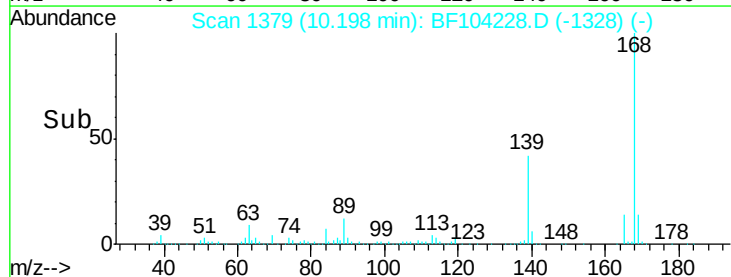
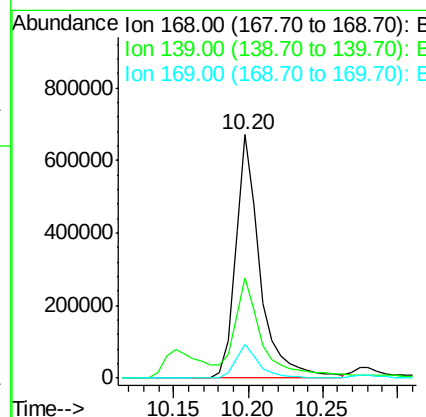
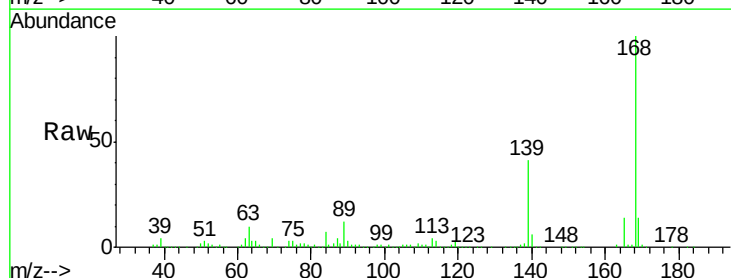
Manual Integrations
APPROVED

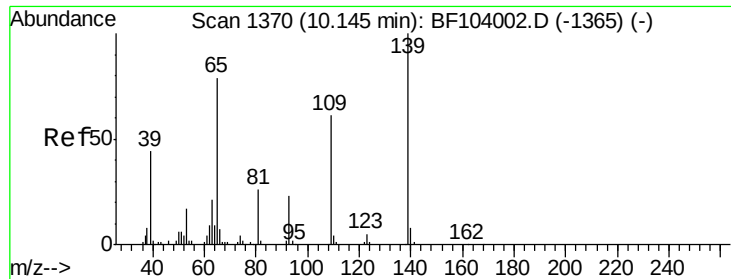
Sohil
4/5/2018 4:38:46 PM



#54
Dibenzofuran
Concen: 38.449 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	30.1	45.1
169	13.7	10.9	16.3





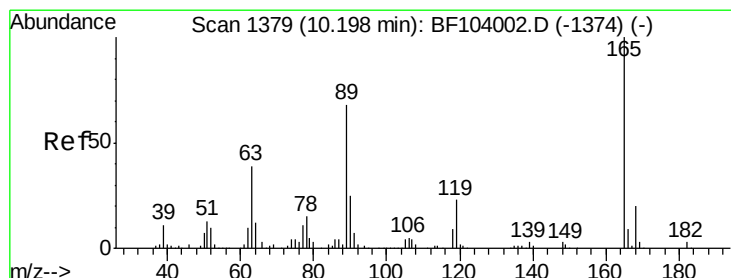
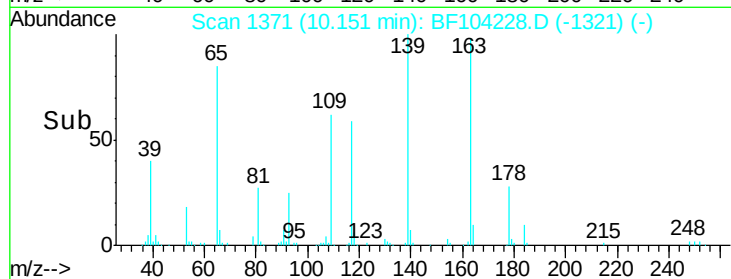
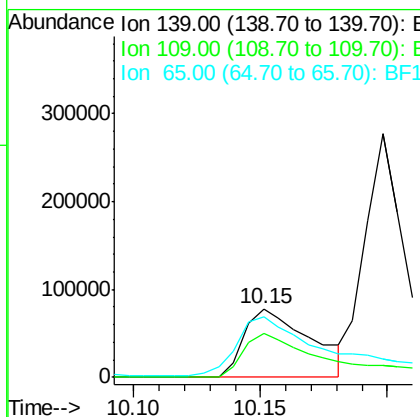
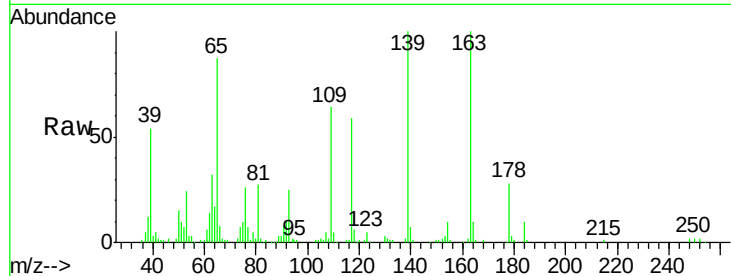
#55
4-Nitrophenol
Concen: 51.812 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.1	48.4	88.4
65	87.4	72.6	112.6

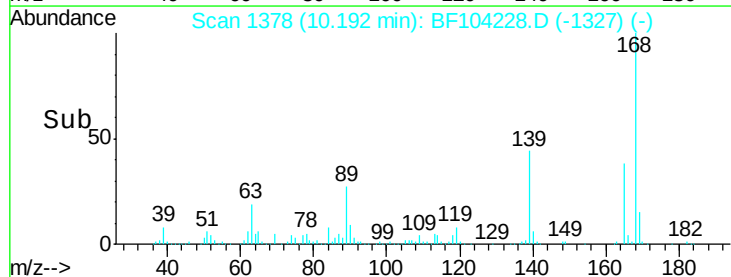
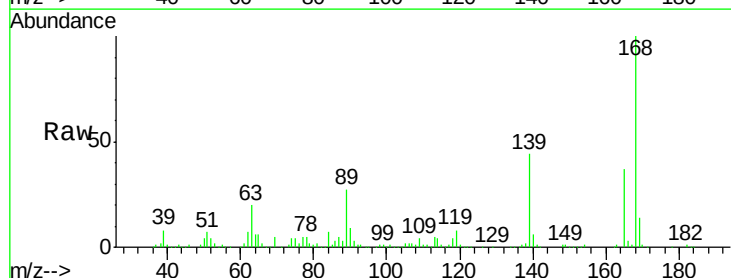
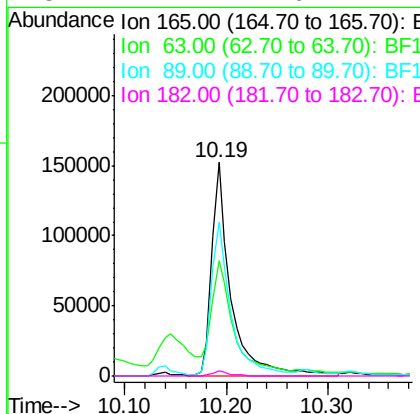
Manual Integrations
APPROVED

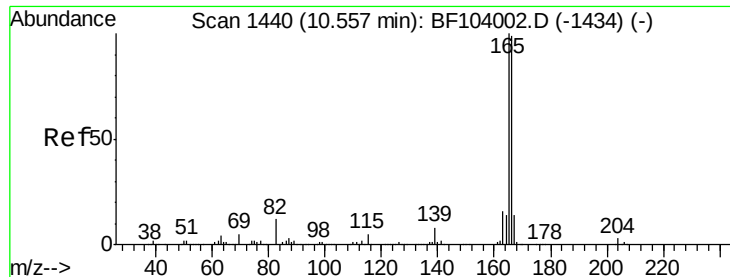
Sohil
4/5/2018 4:38:46 PM



#56
2,4-Dinitrotoluene
Concen: 39.295 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.9	36.4	54.6
89	72.0	57.8	86.6
182	2.7	1.6	2.4





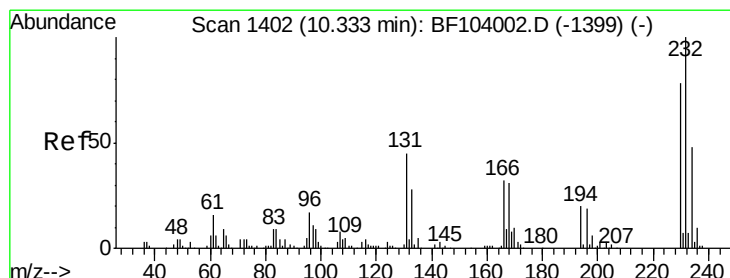
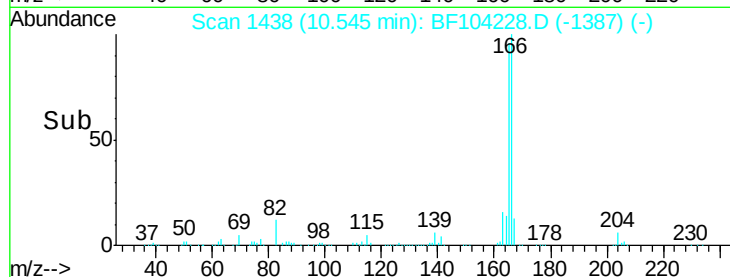
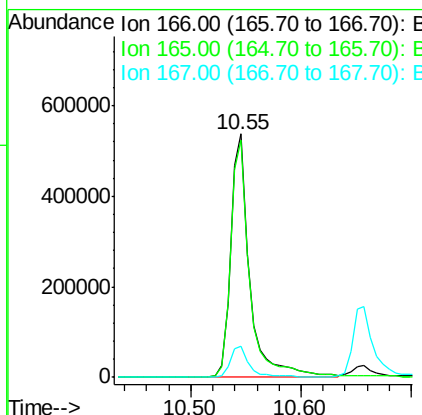
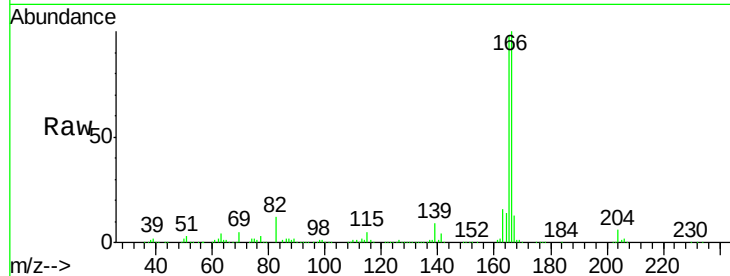
#57
Fluorene
Concen: 39.024 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.8
167	13.0	10.6	16.0

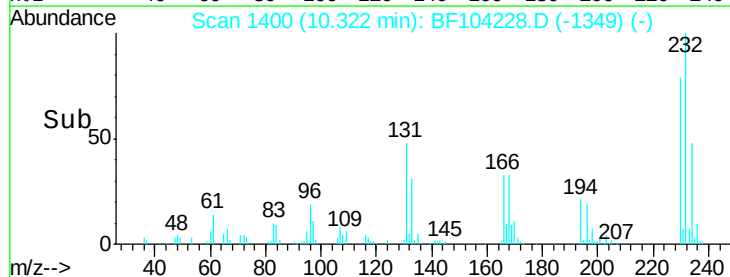
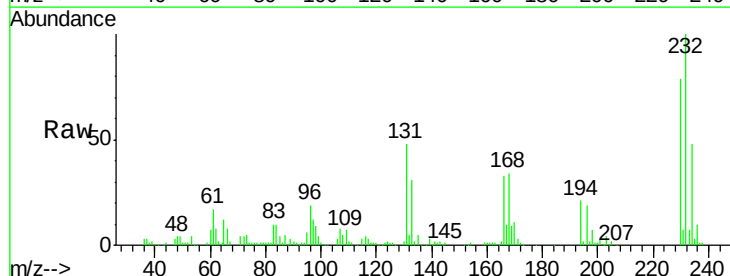
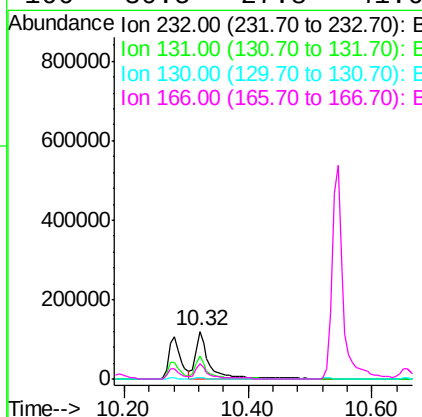
Manual Integrations
APPROVED

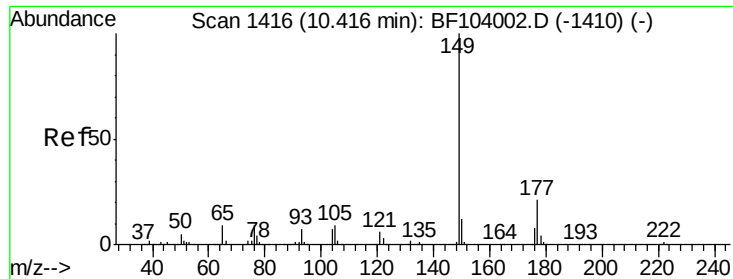
Sohil
4/5/2018 4:38:46 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.243 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.7	43.8	65.8#
130	2.3	2.1	3.1
166	30.5	27.8	41.6





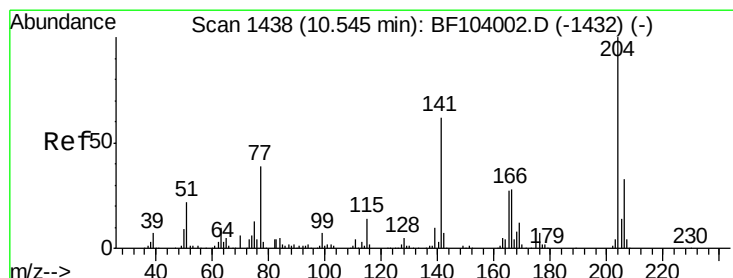
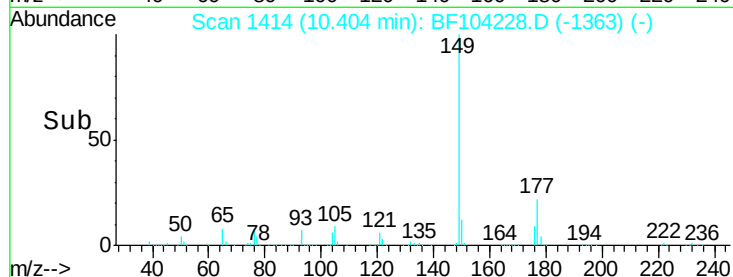
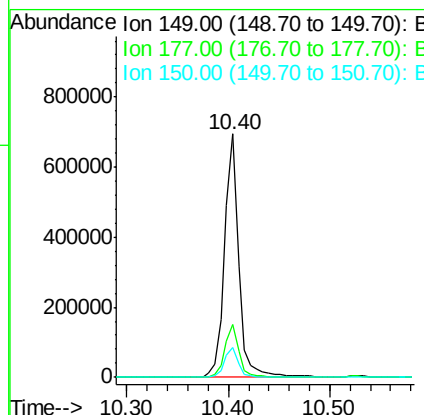
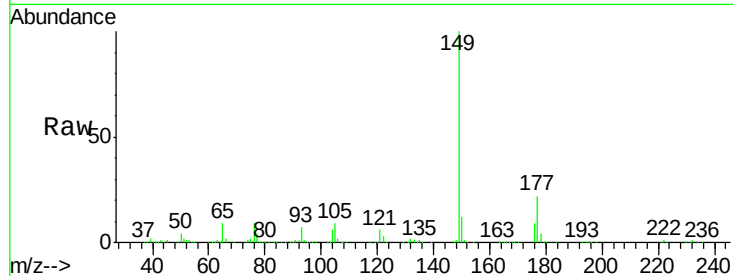
#59
Diethylphthalate
Concen: 38.699 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion:	149	Resp:	678453
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.1	24.1
150	12.2	10.1	15.1

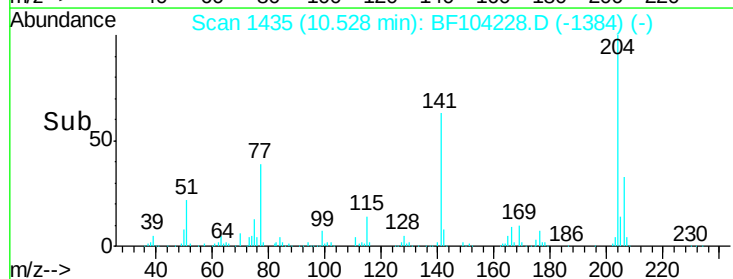
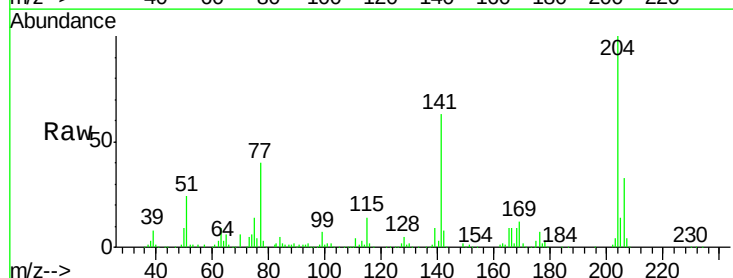
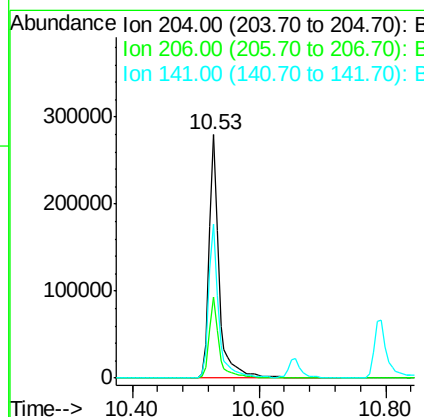
Manual Integrations
APPROVED

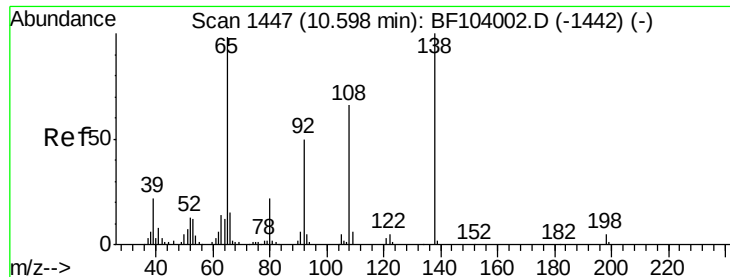
Sohil
4/5/2018 4:38:46 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.492 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion:	204	Resp:	308096
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.5	39.7
141	63.3	54.6	81.8





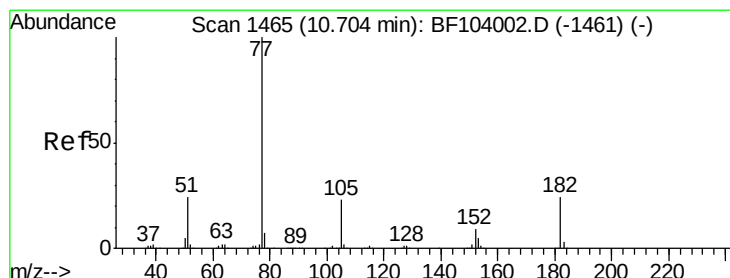
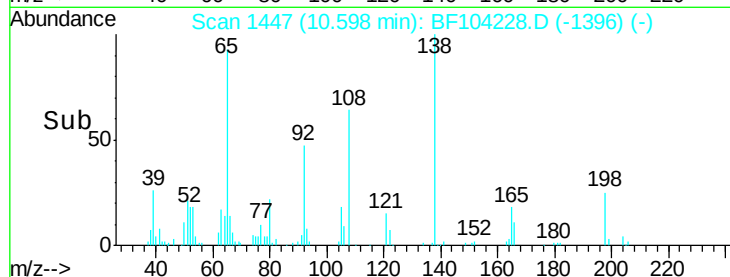
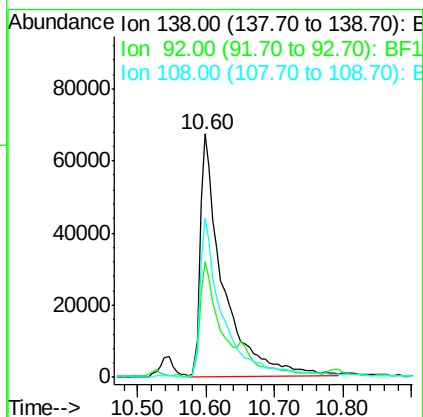
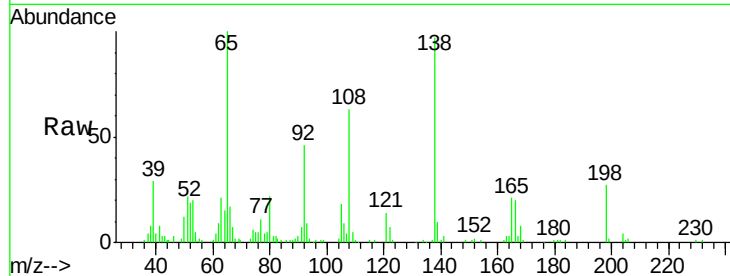
#61
4-Nitroaniline
Concen: 37.078 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.2	70.2
108	65.5	52.5	92.5

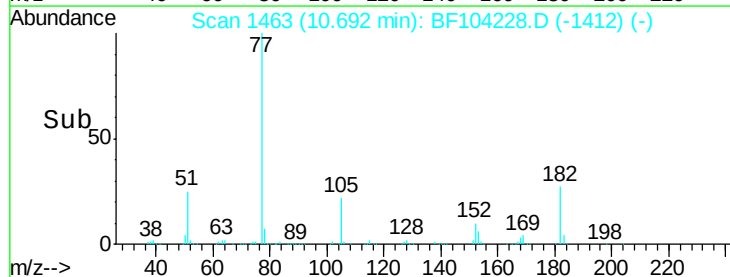
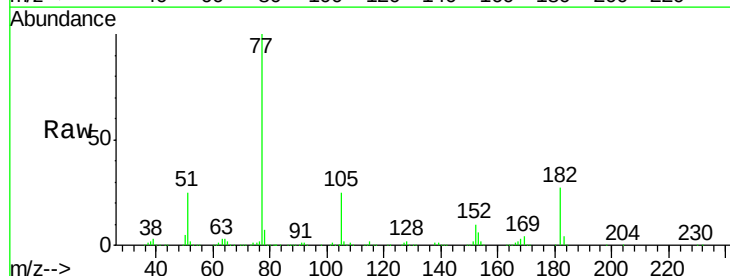
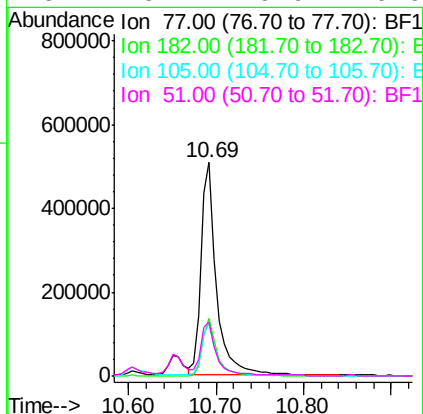
Manual Integrations
APPROVED

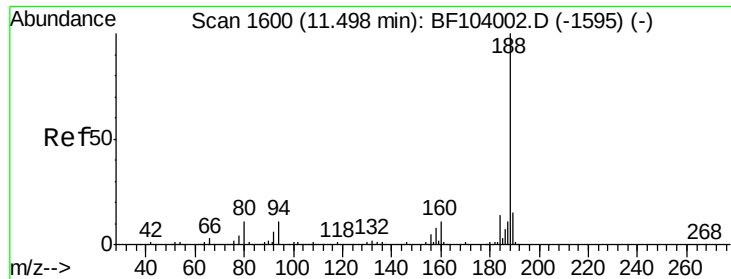
Sohil
4/5/2018 4:38:46 PM



#62
Azobenzene
Concen: 39.494 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	1.7	41.7
105	24.6	3.0	43.0
51	25.4	9.9	49.9





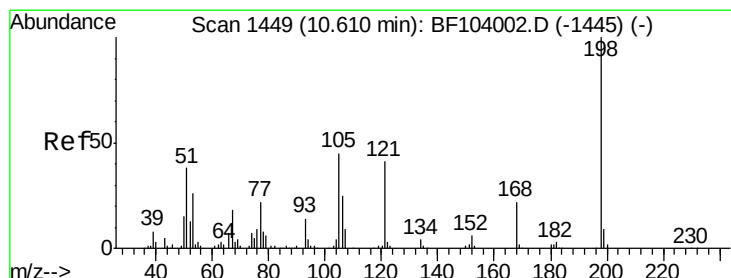
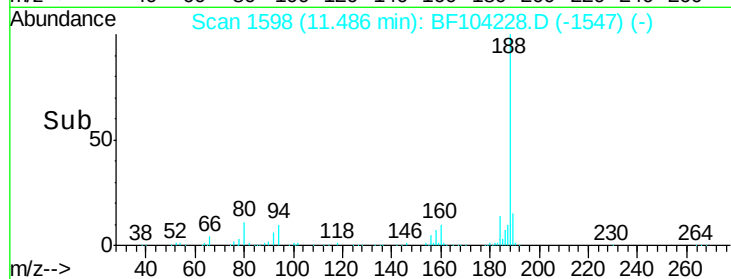
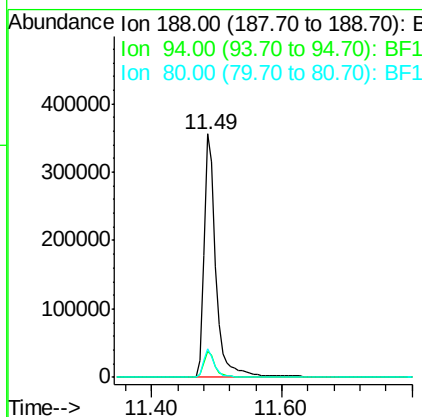
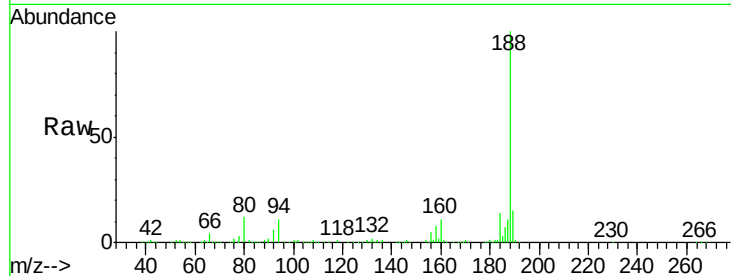
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	450607		
94	10.7		8.5	12.7
80	11.6		9.2	13.8

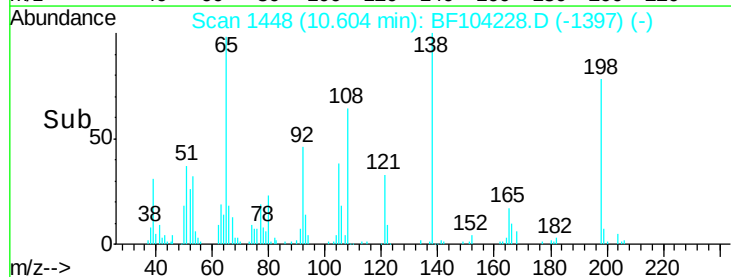
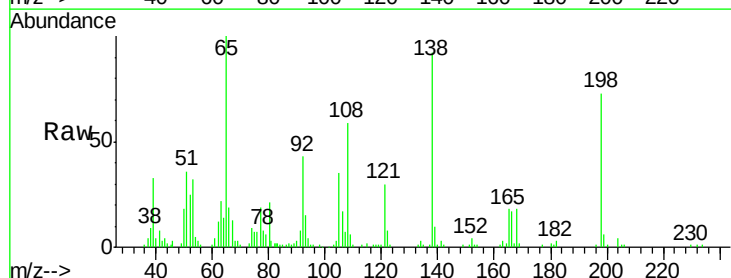
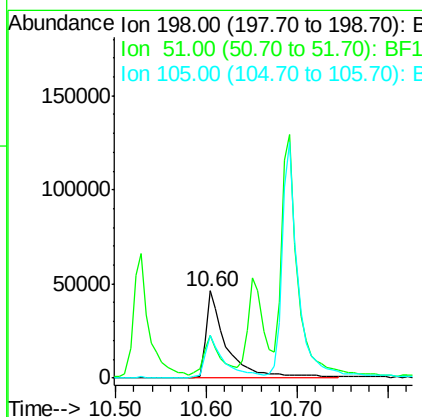
Manual Integrations
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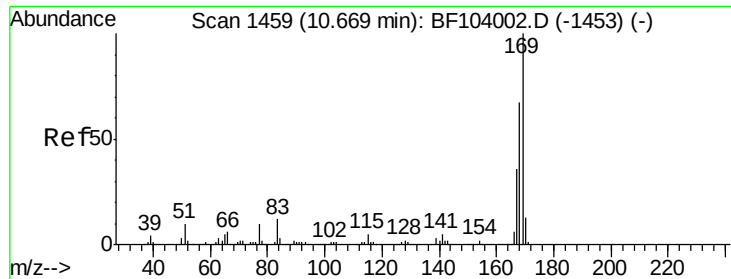
Sohil
4/5/2018 4:38:46 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 27.379 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	74679		
51	49.1		37.7	77.7
105	48.8		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.424 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

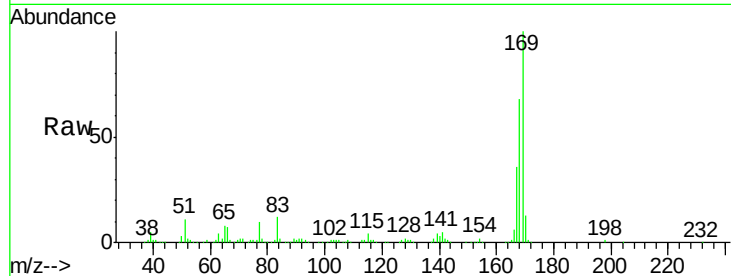
ClientSampleId :

PB107929BS

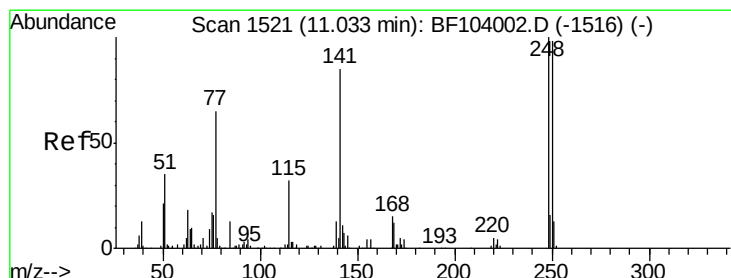
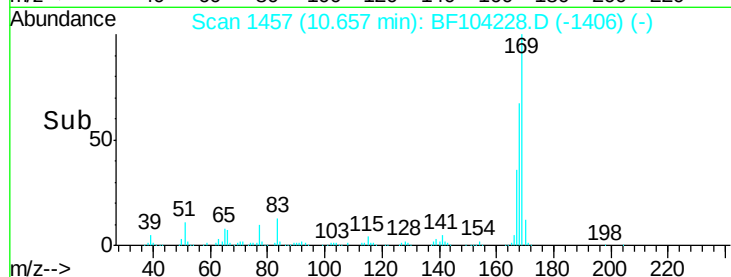
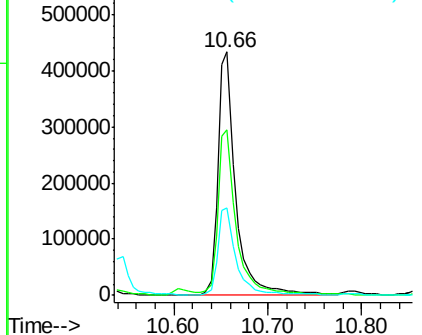
Tot Ion:	169	Resp:	571110
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.4	81.6
167	36.2	29.8	44.6

Manual Integrations
APPROVED

Sohil
4/5/2018 4:38:46 PM



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: 39.711 ng

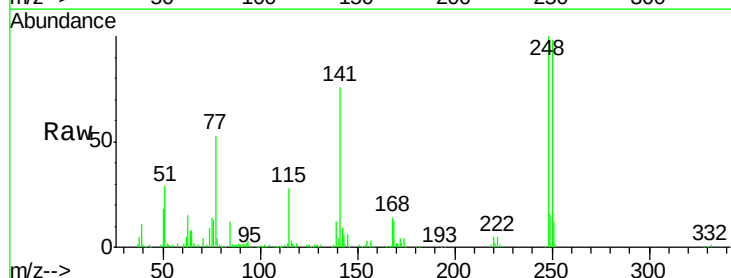
RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

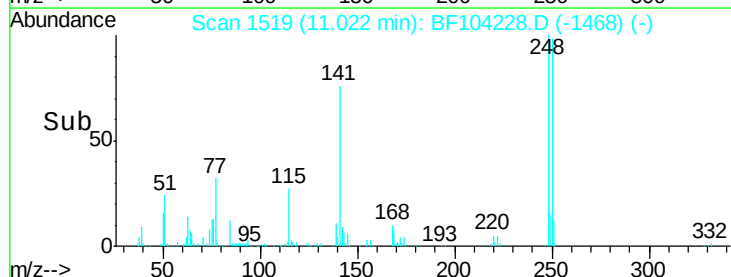
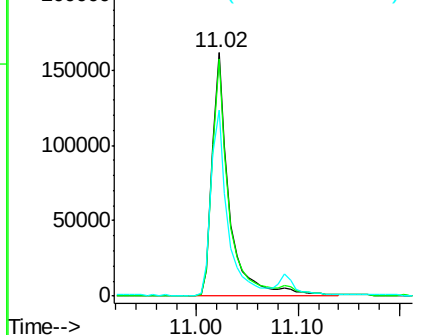
Lab File: BF104228.D

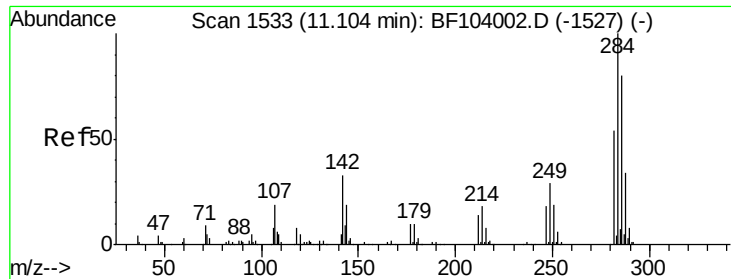
Acq: 4 Apr 2018 16:36

Tgt Ion:	248	Resp:	191439
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.9	115.3
141	76.3	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





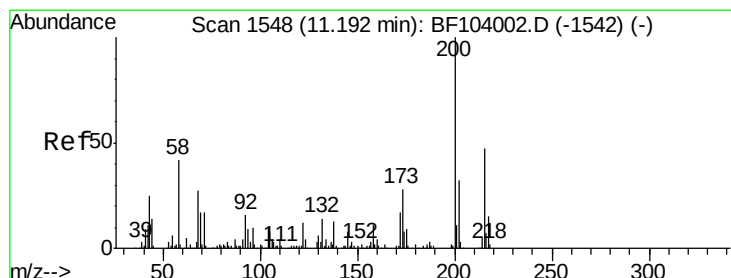
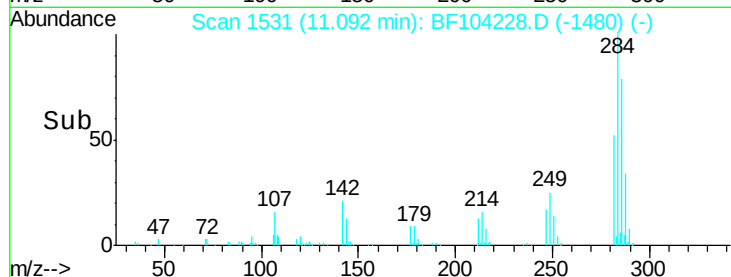
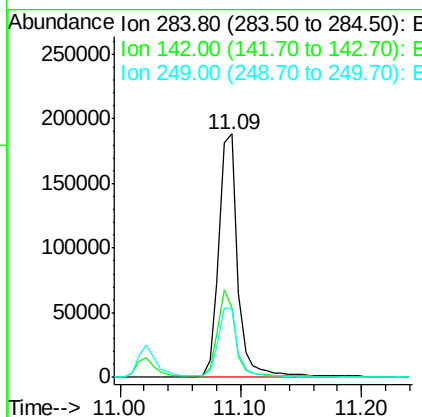
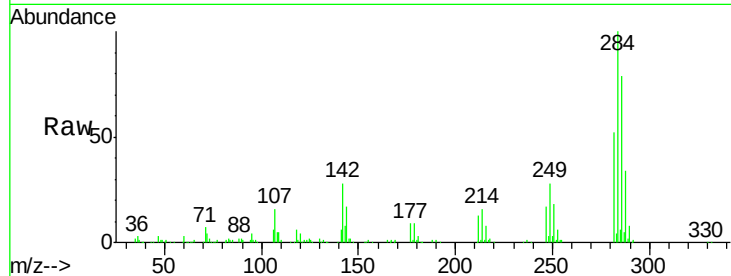
#67
Hexachlorobenzene
Concen: 37.062 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	205525		
142	28.3	34.6	52.0	
249	27.9	24.8	37.2	

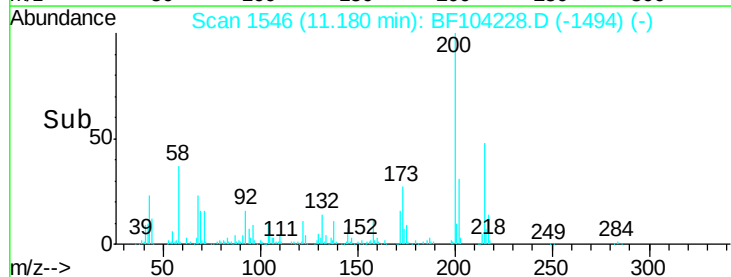
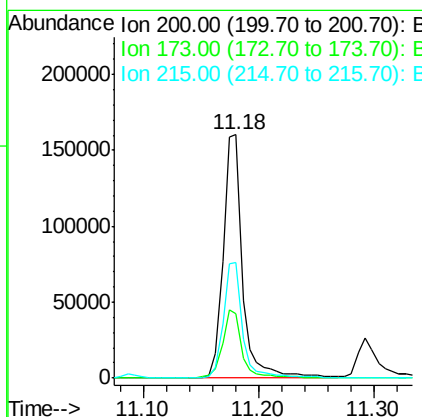
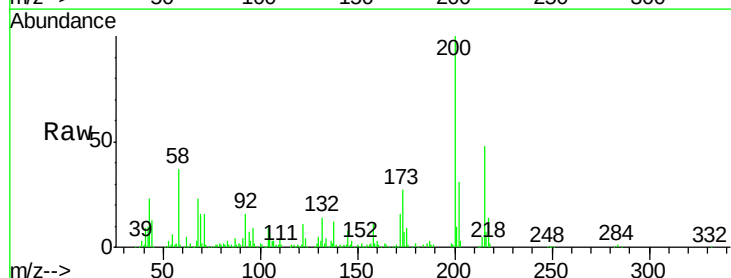
Manual Integrations
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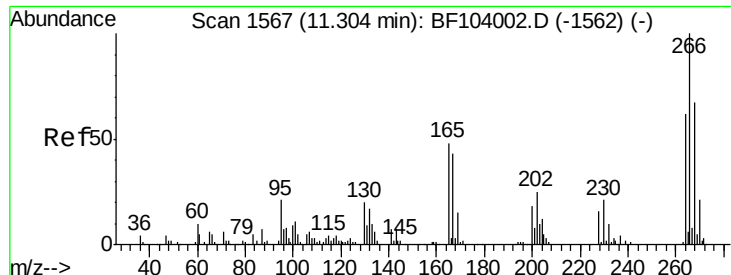
Sohil
4/5/2018 4:38:46 PM



#68
Atrazine
Concen: 40.104 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	187494		
173	26.6	8.6	48.6	
215	47.6	25.1	65.1	





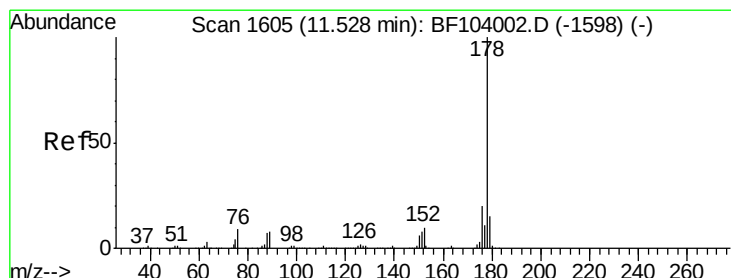
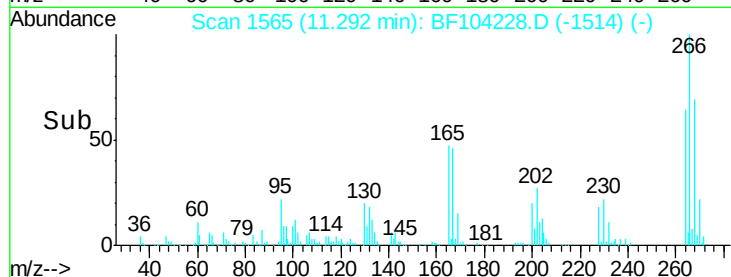
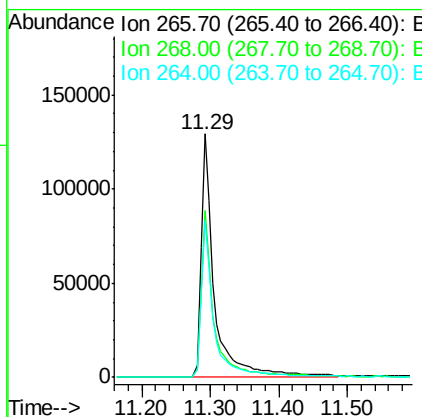
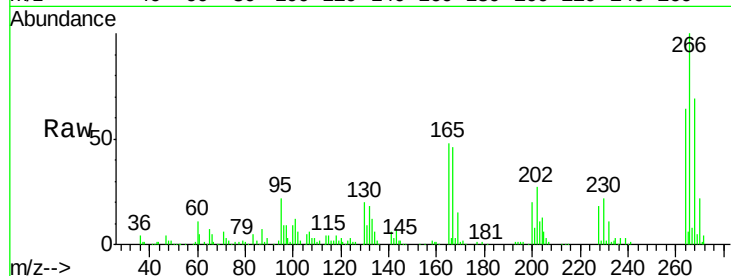
#69
 Pentachlorophenol
 Concen: 58.933 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	179837		
268	68.6	51.1	76.7	
264	64.1	49.5	74.3	

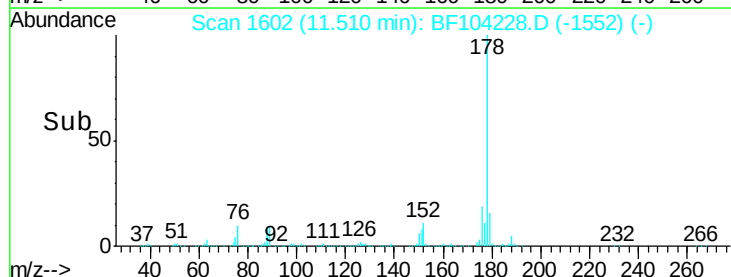
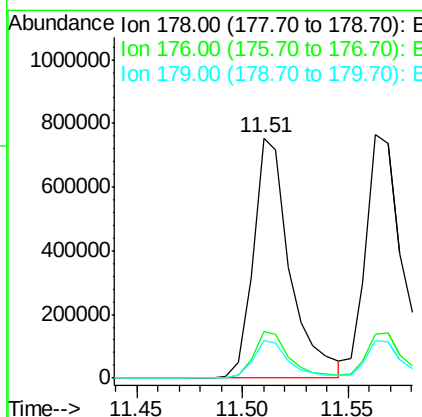
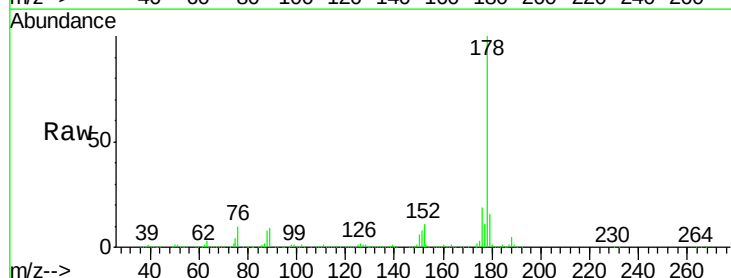
Manual Integrations
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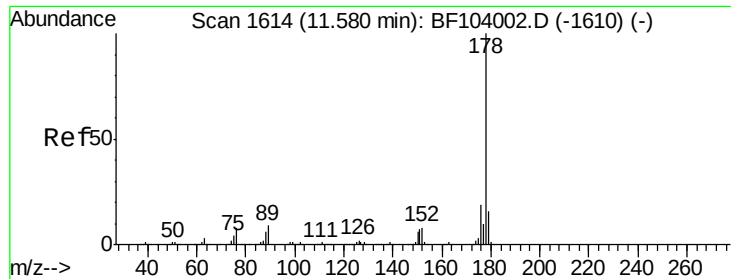
Sohil
 4/5/2018 4:38:46 PM



#70
 Phenanthrene
 Concen: 37.432 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	913194		
176	19.3	15.8	23.8	
179	15.9	13.0	19.6	





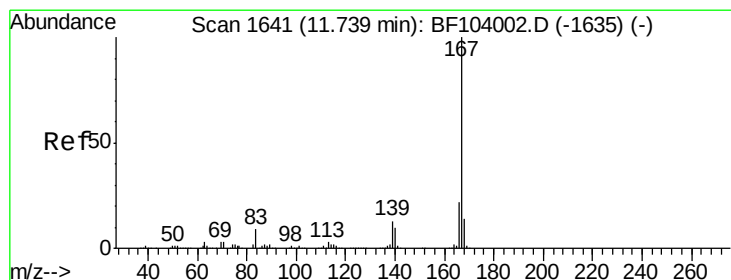
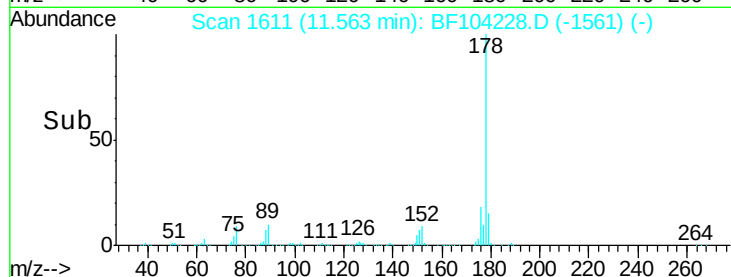
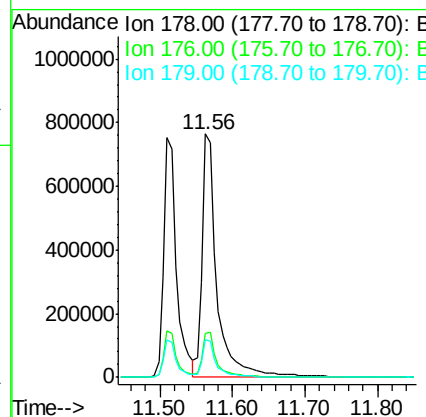
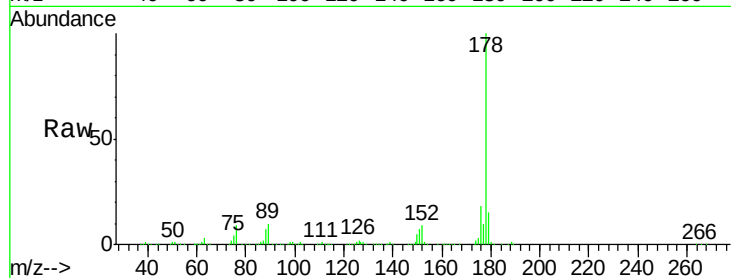
#71
 Anthracene
 Concen: 42.088 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion:178 Resp: 1072508
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 15.4 12.6 19.0

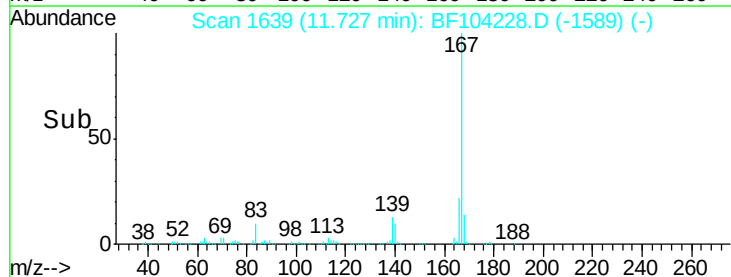
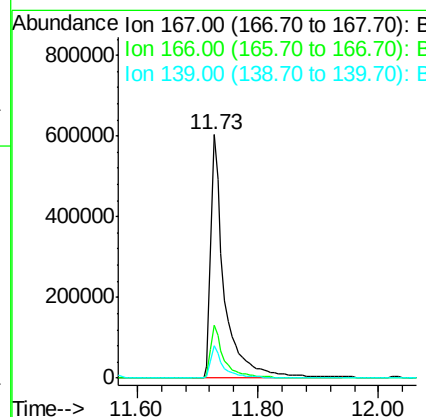
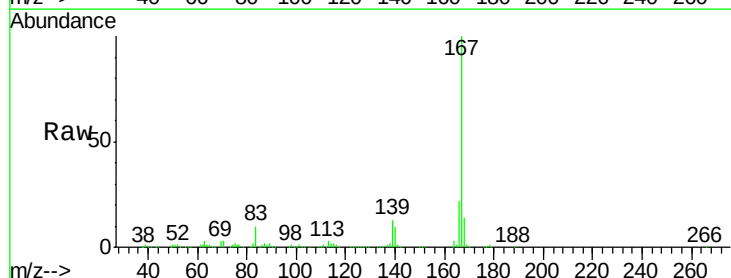
Manual Integrations
 APPROVED

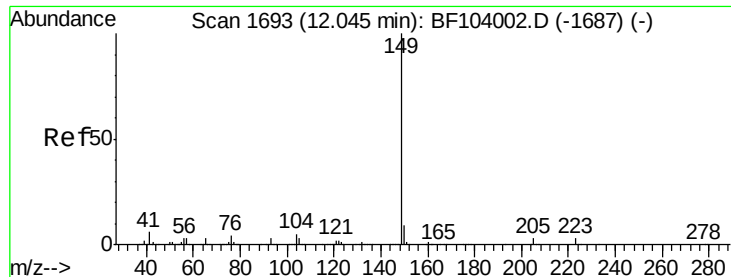
Sohil
 4/5/2018 4:38:46 PM



#72
 Carbazole
 Concen: 39.074 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion:167 Resp: 950347
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.656 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

PB107929BS

Tot Ion:149 Resp: 1090903

Ion Ratio Lower Upper

149 100

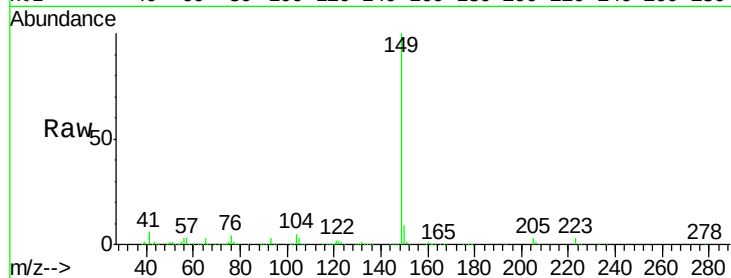
150 9.3 7.8 11.6

104 4.7 3.8 5.8

Manual Integrations
APPROVED

Sohil

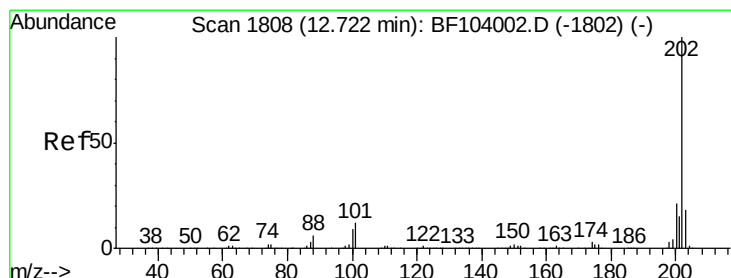
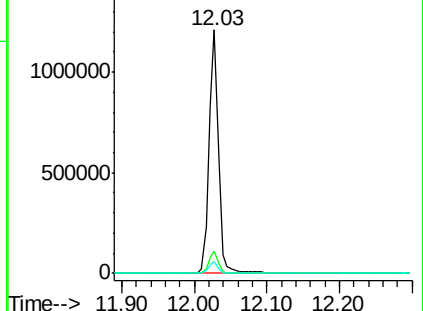
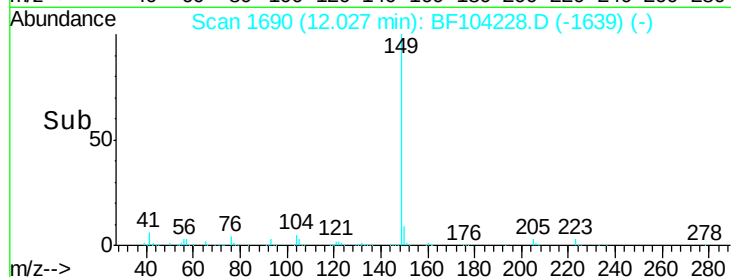
4/5/2018 4:38:46 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.088 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

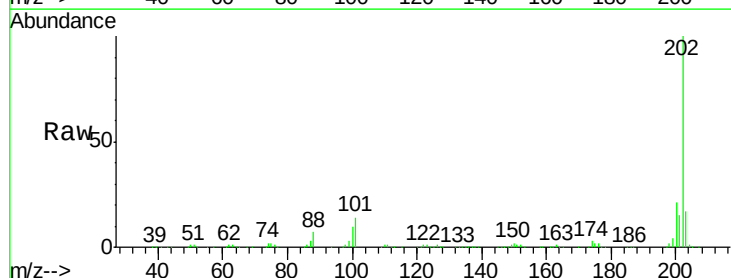
Tgt Ion:202 Resp: 1039558

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

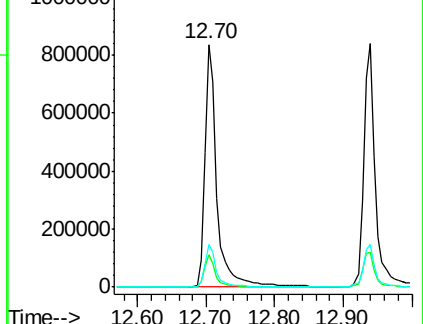
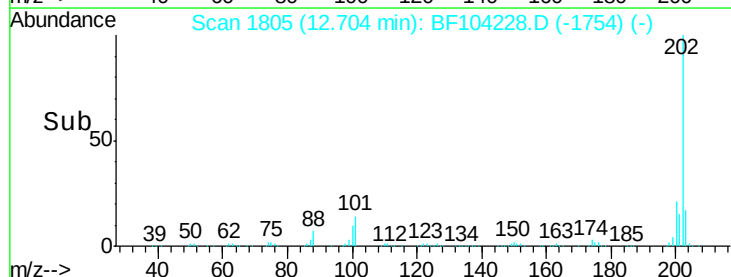
203 17.4 0.0 38.1

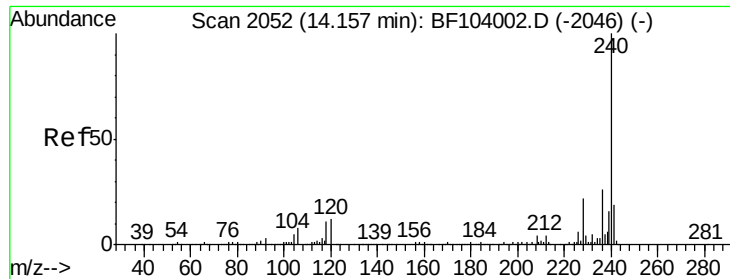


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

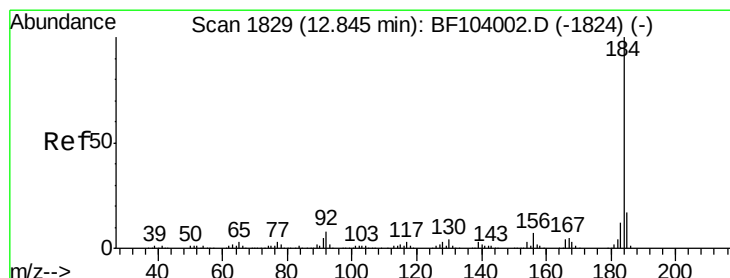
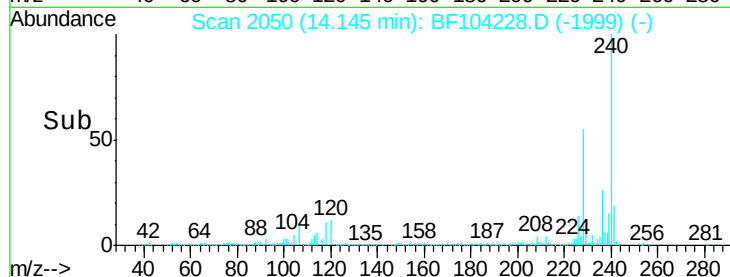
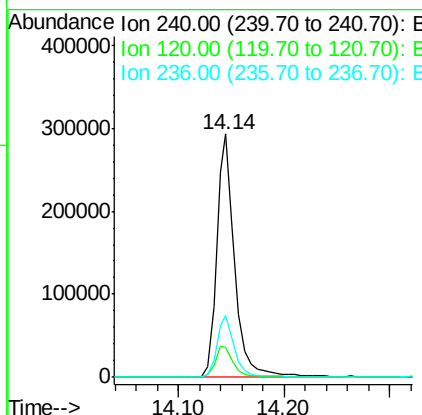
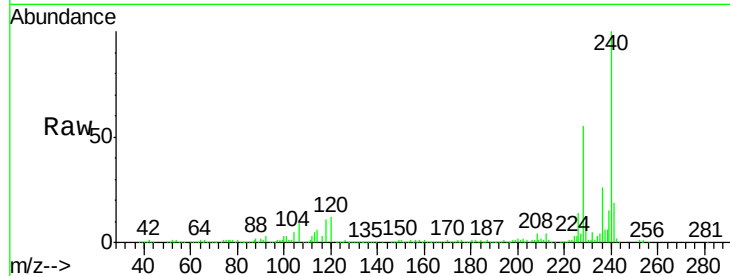
ClientSampleId :

PB107929BS

Tot Ion:	240	Resp:	351745
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 28.652 ng

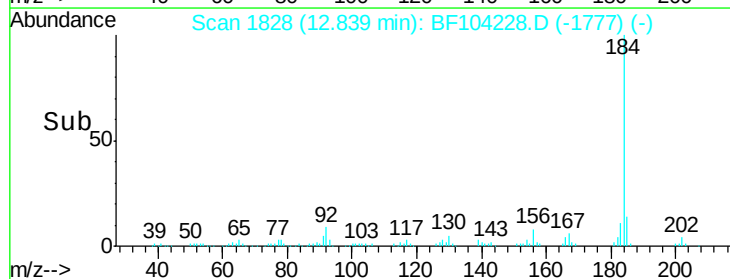
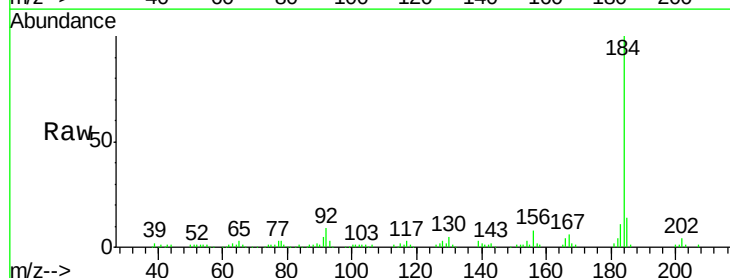
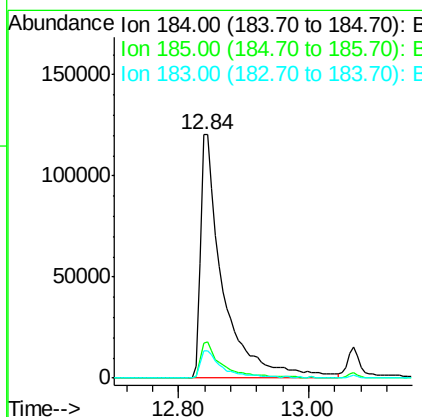
RT: 12.84 min Scan# 1828

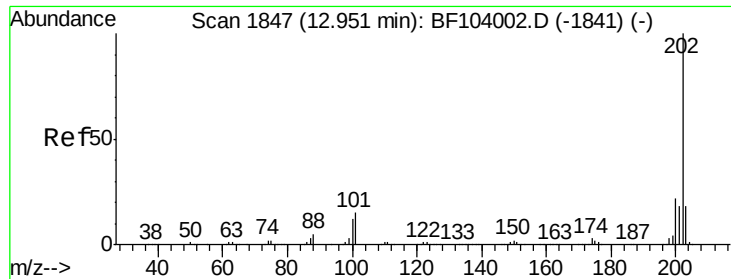
Delta R.T. 0.00 min

Lab File: BF104228.D

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Tgt Ion:	184	Resp:	287205
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.3	9.3	13.9





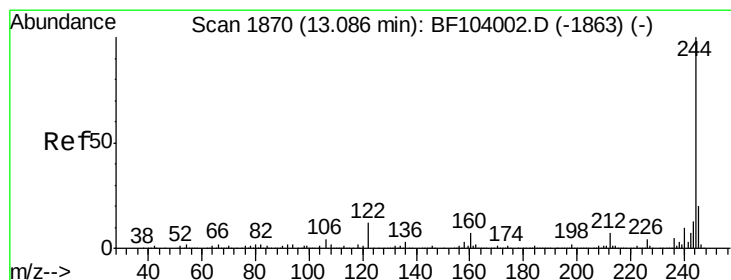
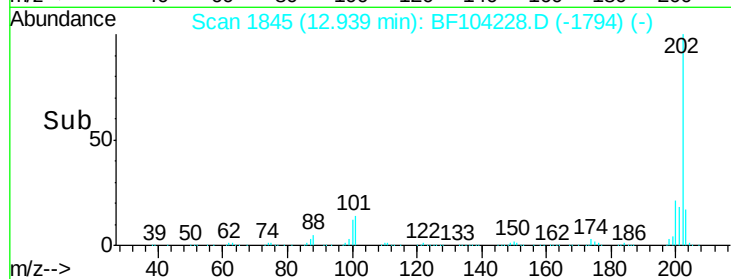
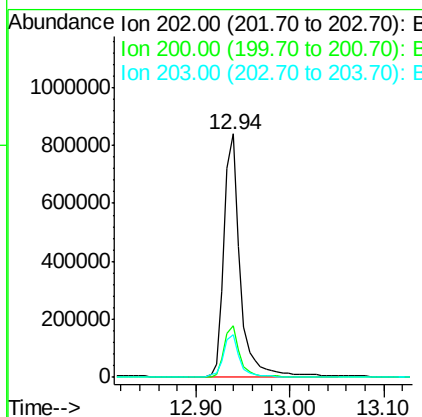
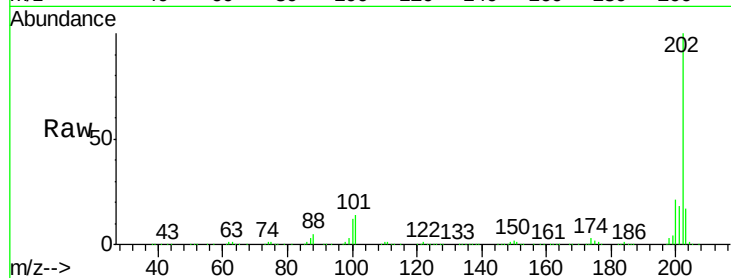
#77
Pvrene
Concen: 39.948 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

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

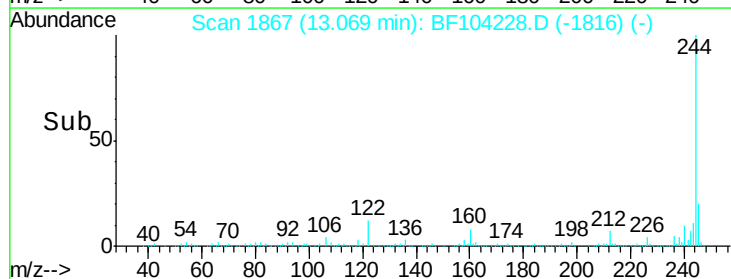
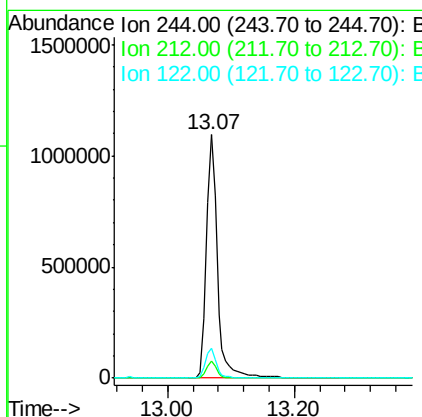
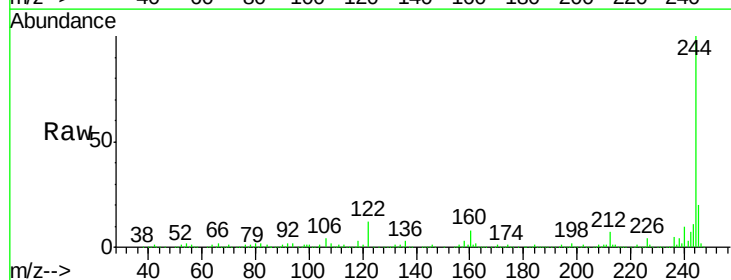
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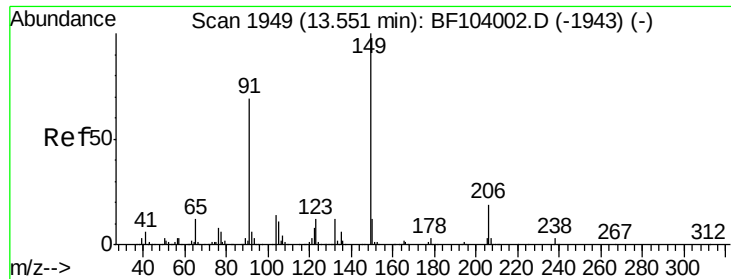
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#78
Terphenyl-d14
Concen: 87.705 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.2	11.0	16.4





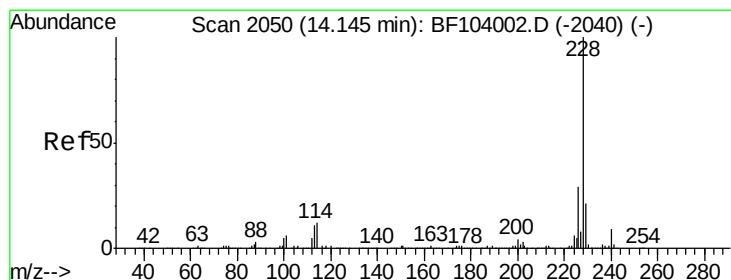
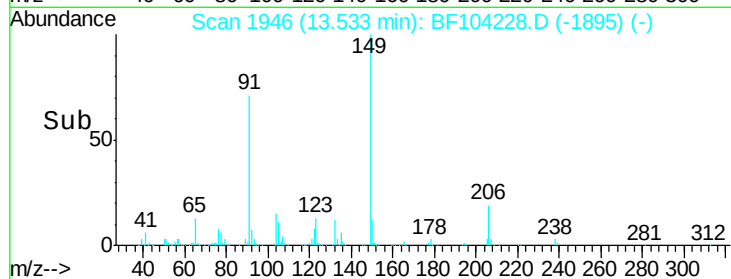
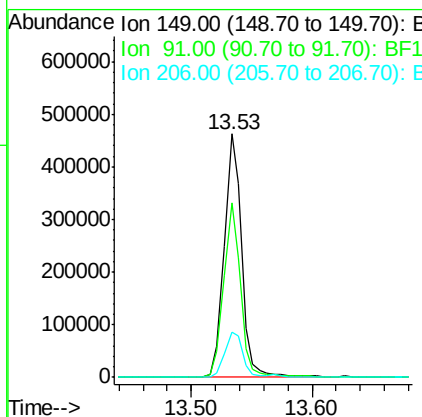
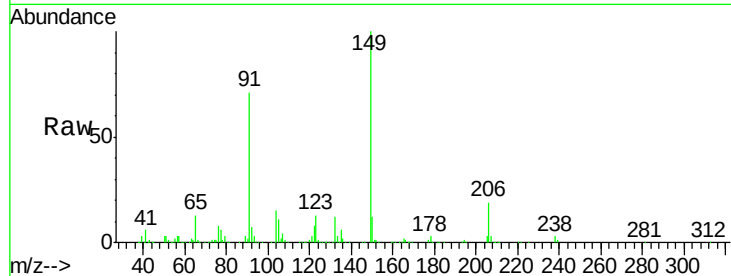
#79
Butylbenzylphthalate
Concen: 38.969 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	464220		
91	71.5	56.8	85.2	
206	18.6	14.1	21.1	

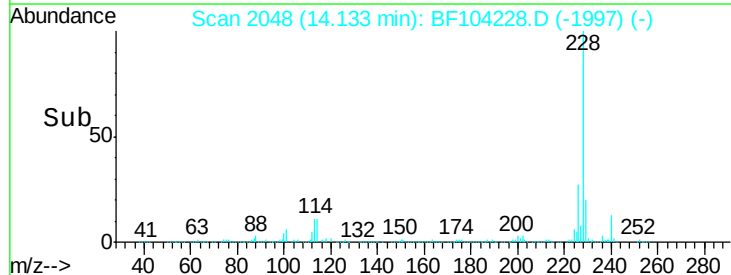
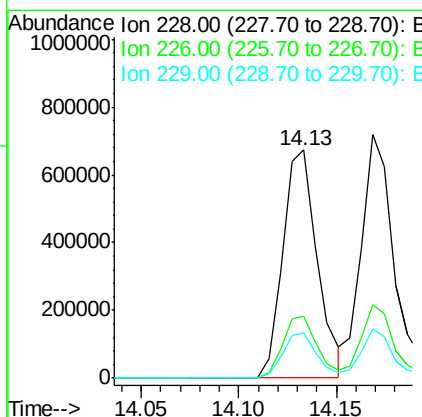
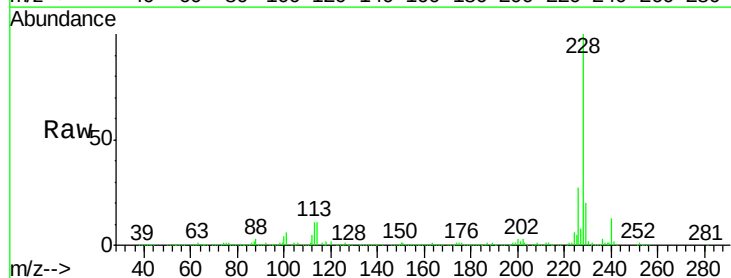
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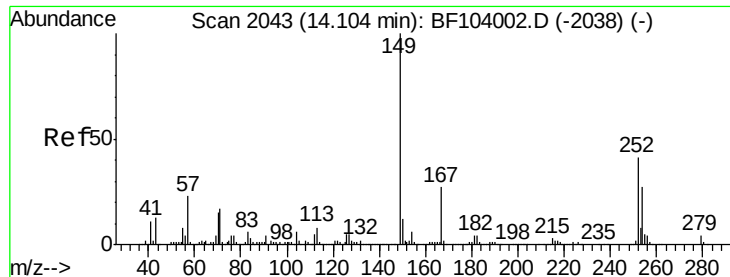
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#80
Benzo(a)anthracene
Concen: 37.324 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	821476		
226	27.2	22.6	33.8	
229	19.8	15.8	23.6	





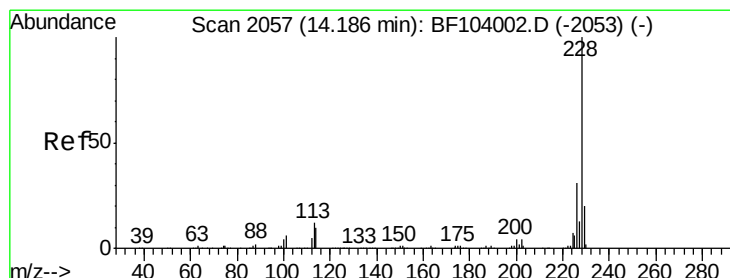
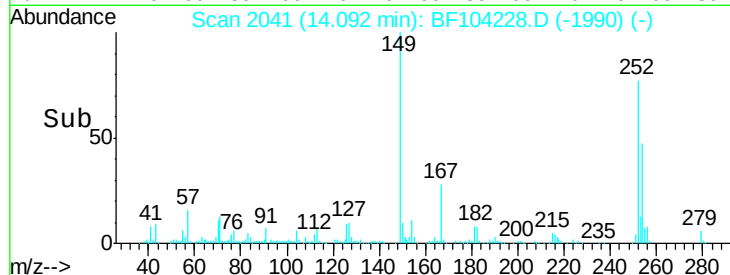
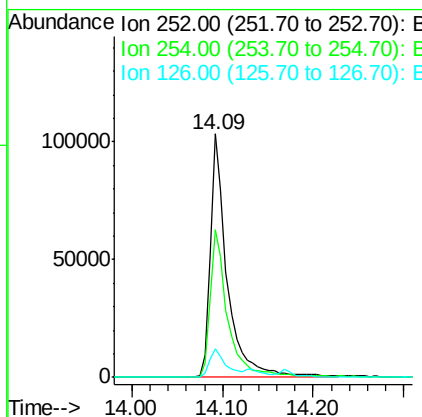
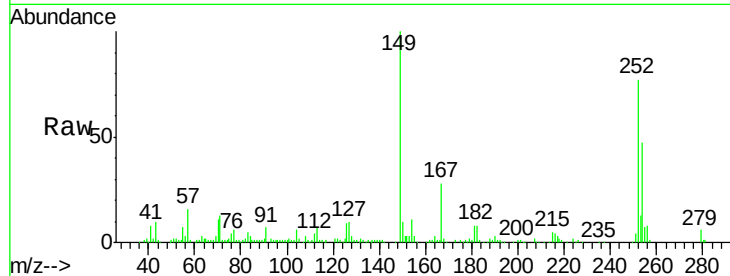
#81
 3,3'-Dichlorobenzidine
 Concen: 18.593 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampled :
 PB107929BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	135454		
254	60.4	50.4	75.6	
126	12.0	11.3	16.9	

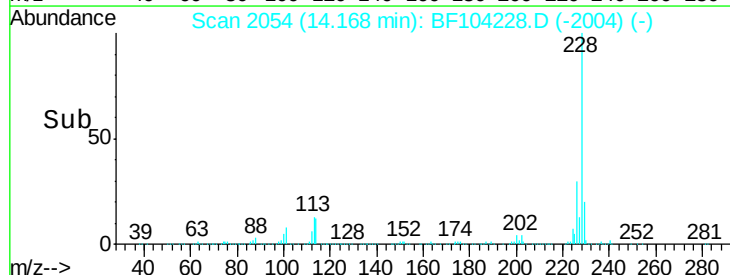
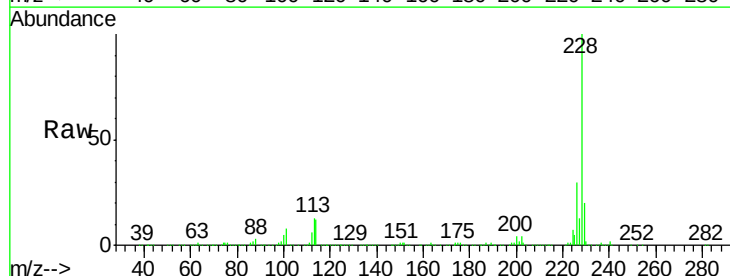
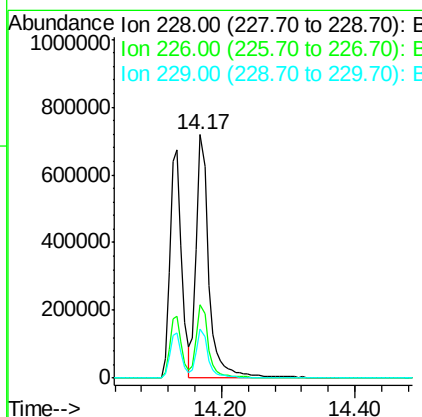
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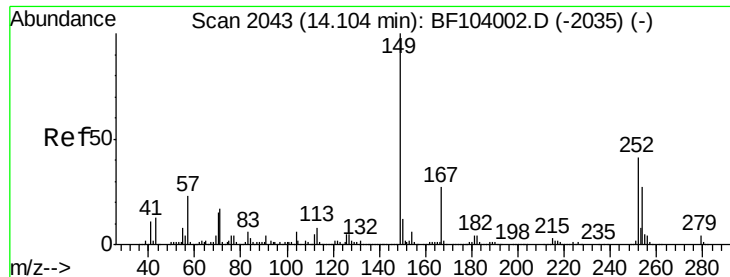
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#82
 Chrysene
 Concen: 42.234 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	910433		
226	30.3	25.0	37.6	
229	20.1	16.2	24.4	





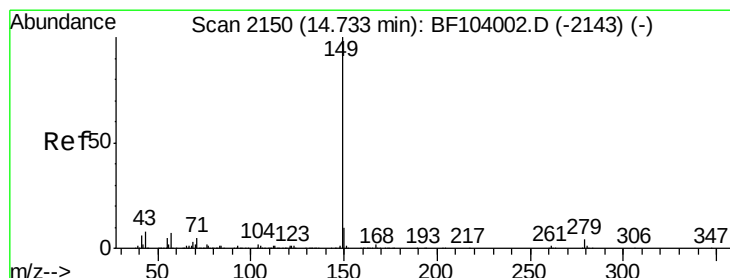
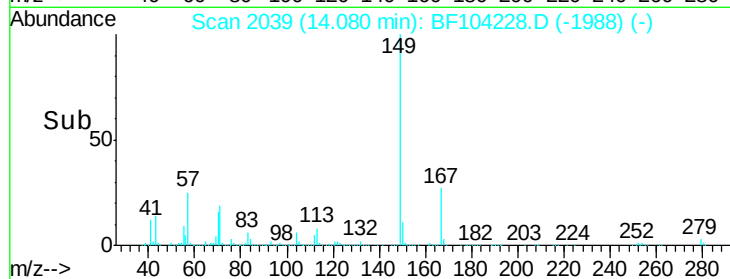
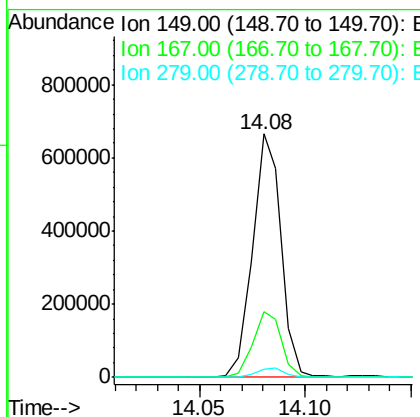
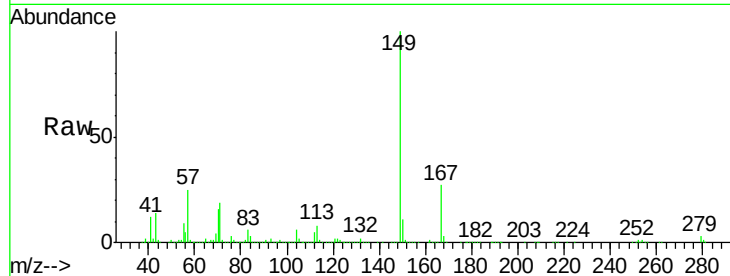
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.543 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.3	3.0	4.4

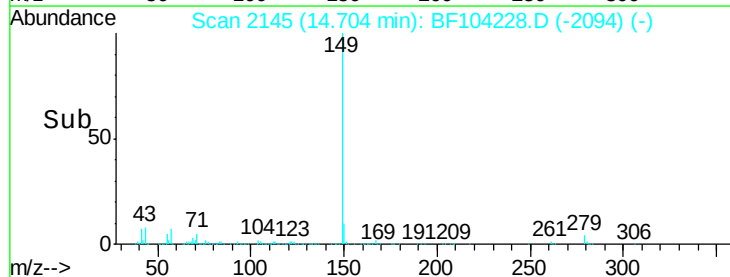
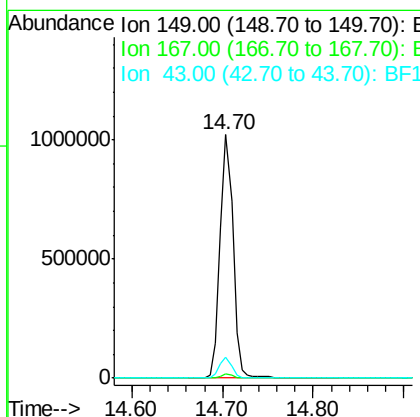
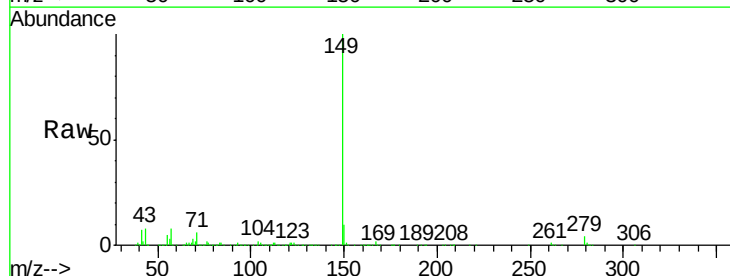
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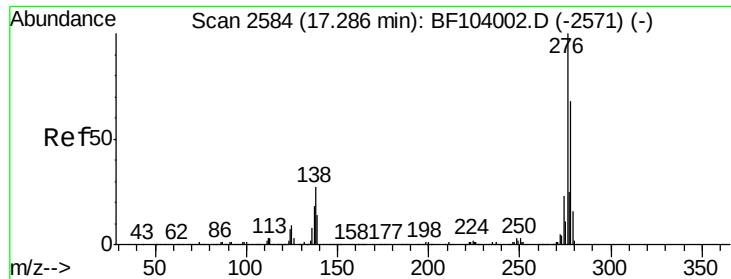
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#84
 Di-n-octyl phthalate
 Concen: 37.831 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	8.4	12.6#





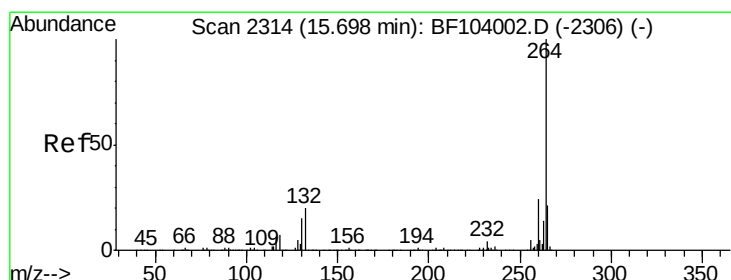
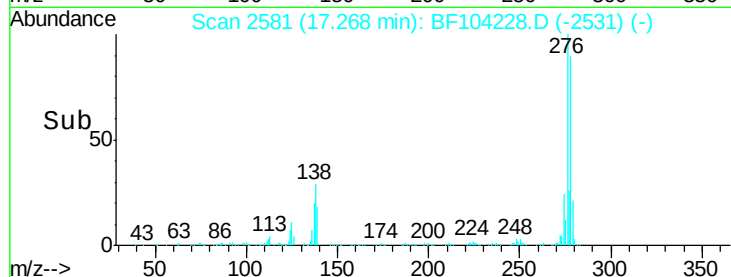
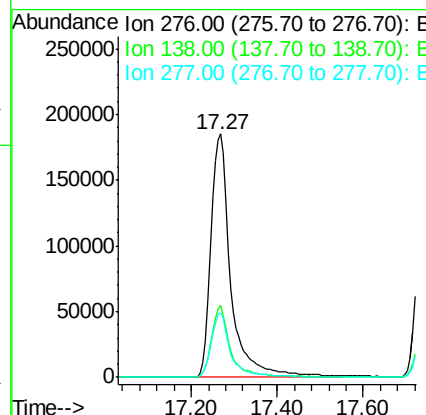
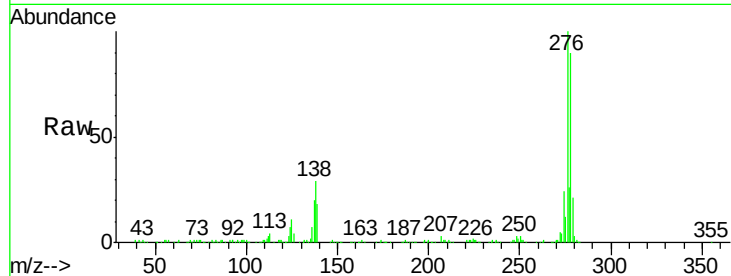
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.542 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleID :
 PB107929BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.3	20.1	30.1

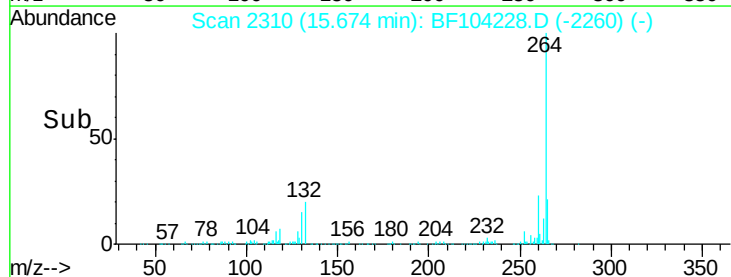
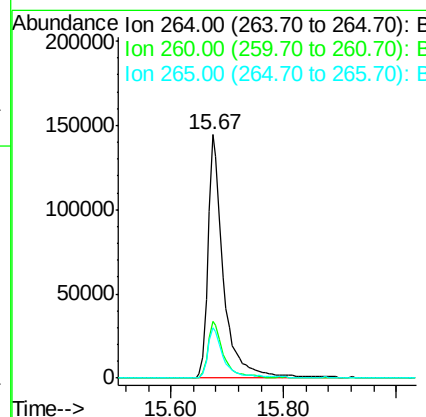
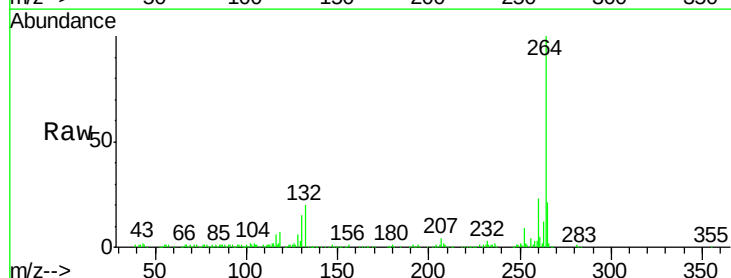
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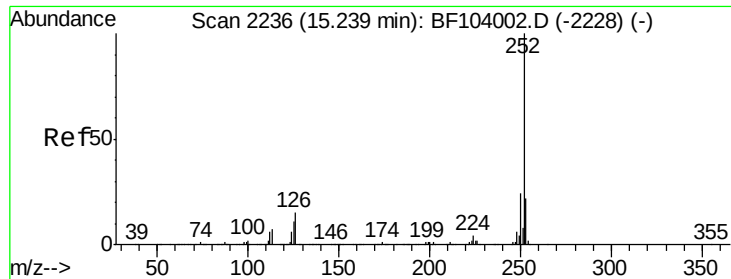
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.203 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Instrument :

BNA_F

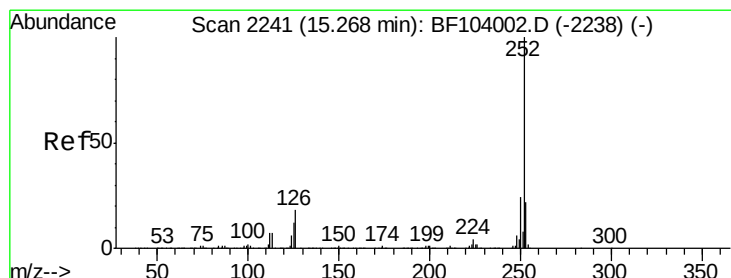
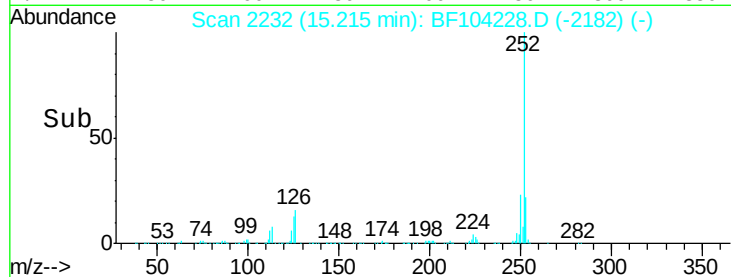
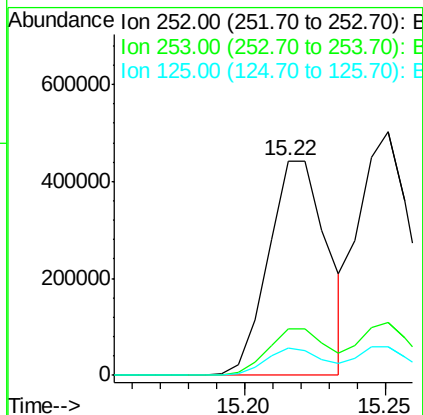
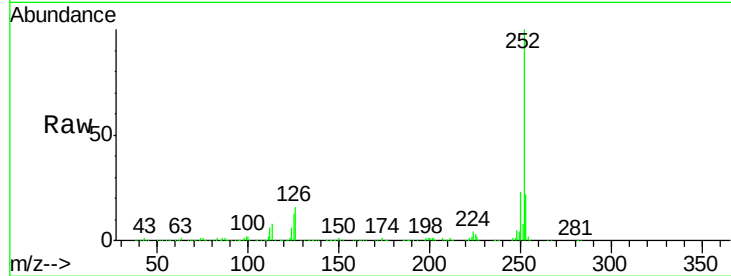
ClientSampleId :

PB107929BS

Tot Ion:	252	Resp:	640320
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	12.5	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 49.659 ng

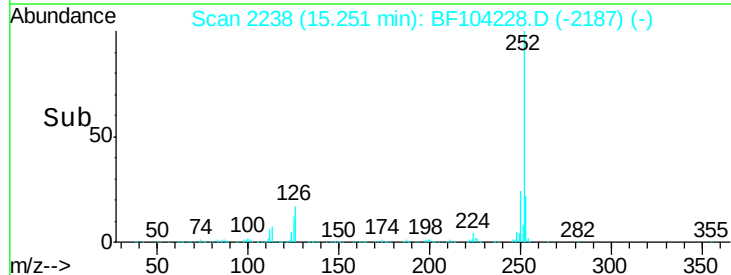
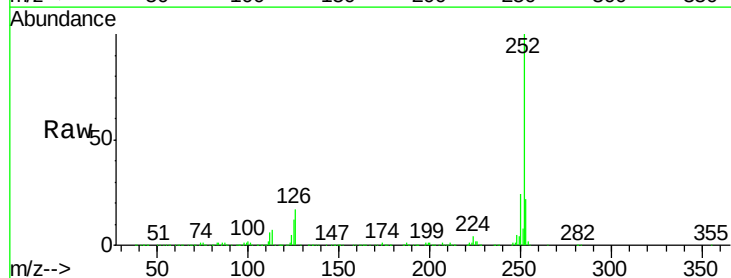
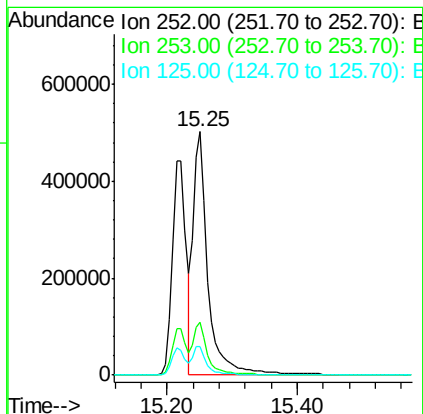
RT: 15.25 min Scan# 2238

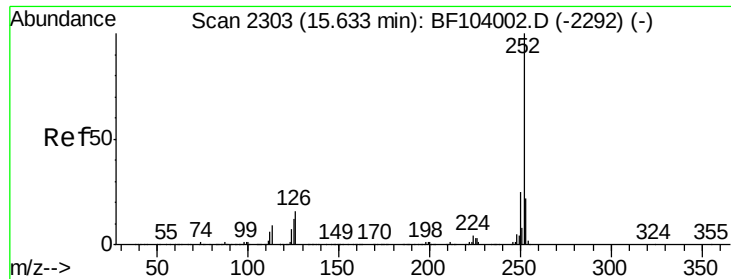
Delta R.T. 0.00 min

Lab File: BF104228.D

Acq: 4 Apr 2018 16:36

Tgt Ion:	252	Resp:	784060
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	11.9	10.2	15.2





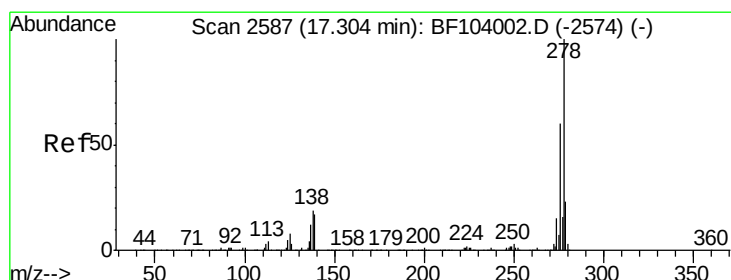
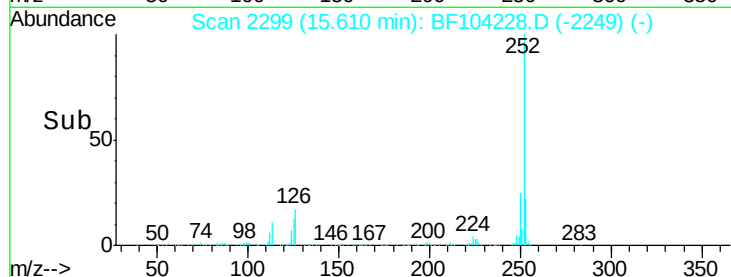
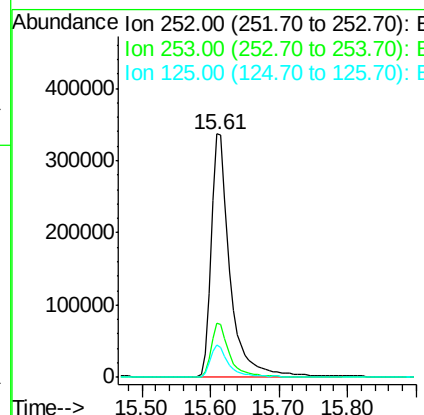
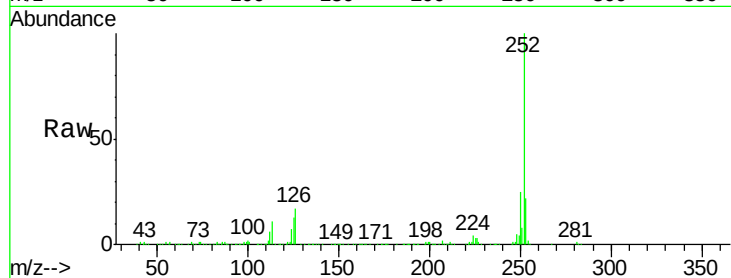
#89
Benzo(a)pyrene
Concen: 41.377 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :
PB107929BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.2	9.8	14.6

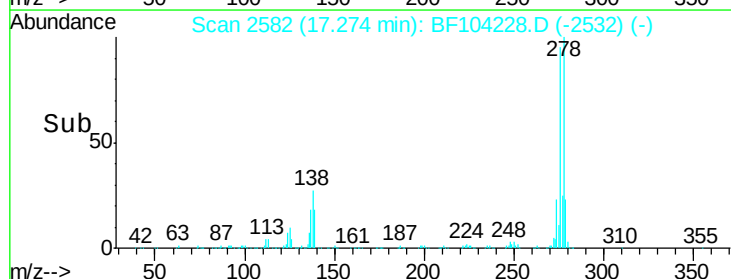
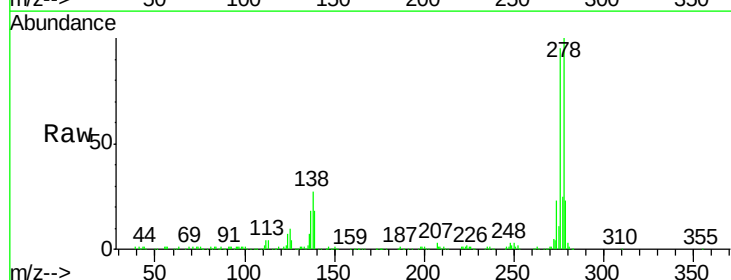
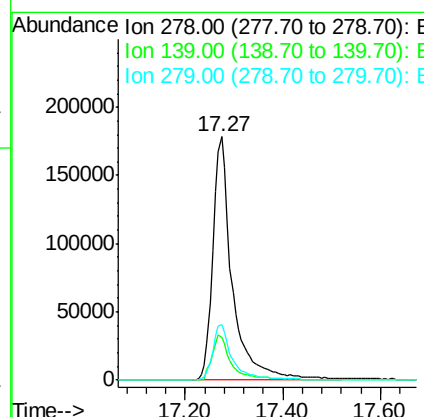
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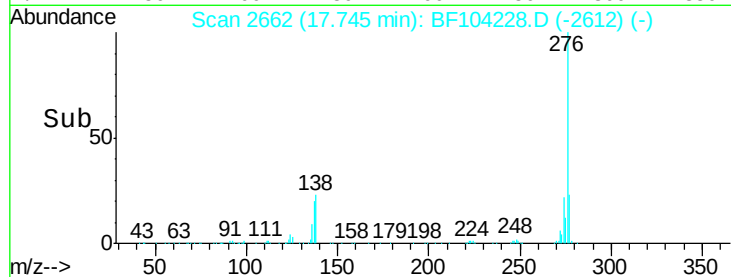
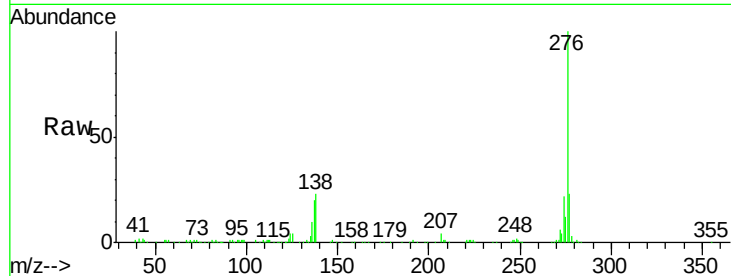
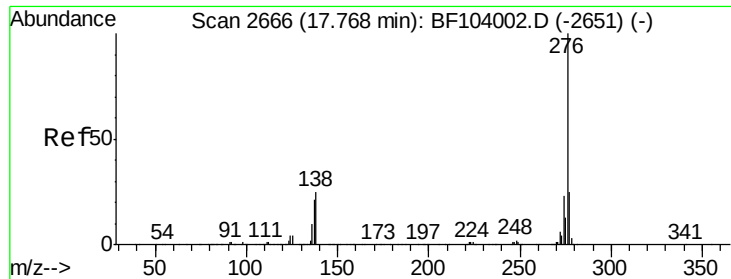
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#90
Dibenzo(a,h)anthracene
Concen: 34.629 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF104228.D
Acq: 4 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.9	23.9
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.448 ng
 RT: 17.74 min Scan# 2662
 Delta R.T. -0.01 min
 Lab File: BF104228.D
 Acq: 4 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB107929BS

Tot Ion:	276	Resp:	481114
Ion Ratio		Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.3	21.8	32.8

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