

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104061.D
 Acq On : 29 Mar 2018 19:47
 Operator : JU/SJ
 Sample : PB107795BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Manual Integrations
 APPROVED

Sohil
 3/30/2018 6:01:28 PM

Quant Time: Mar 30 10:08:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113429	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	470896	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	214309	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	362656	20.00	ng	0.00
75) Chrysene-d12	14.16	240	226563	20.00	ng	0.00
86) Perylene-d12	15.70	264	216307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	743592	104.54	ng	0.00
7) Phenol-d6	6.60	99	899348	102.77	ng	0.00
23) Nitrobenzene-d5	7.53	82	557737	72.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	238784	100.06	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1089122	80.14	ng	0.00
78) Terphenyl-d14	13.09	244	900997	91.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	91658	29.879	ng	# 86
3) Pyridine	3.67	79	204730	26.362	ng	# 83
4) n-Nitrosodimethylamine	3.65	42	60742	26.314	ng	# 87
6) Aniline	6.64	93	193723	18.493	ng	# 78
8) 2-Chlorophenol	6.76	128	292788	37.526	ng	# 96
9) Benzaldehyde	6.53	77	85610	15.538	ng	# 90
10) Phenol	6.62	94	315998	32.591	ng	# 96
11) bis(2-Chloroethyl)ether	6.70	93	268169	32.097	ng	# 92
12) 1,3-Dichlorobenzene	6.91	146	288440	32.888	ng	# 98
13) 1,4-Dichlorobenzene	6.99	146	330270	35.145	ng	# 99
14) 1,2-Dichlorobenzene	7.13	146	288613	34.169	ng	# 100
15) Benzyl Alcohol	7.11	79	193000	33.922	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	317112	34.838	ng	# 55
17) 2-Methylphenol	7.22	107	223331	35.169	ng	# 92
18) Hexachloroethane	7.47	117	95307	30.291	ng	# 97
19) n-Nitroso-di-n-propylamine	7.37	70	183398	35.315	ng	# 94
20) 3+4-Methylphenols	7.37	107	271169	33.459	ng	# 52
22) Acetophenone	7.37	105	407325	35.751	ng	# 97
24) Nitrobenzene	7.55	77	262836	32.442	ng	# 99
25) Isophorone	7.78	82	526876	37.129	ng	# 99
26) 2-Nitrophenol	7.87	139	139926	33.087	ng	# 90
27) 2,4-Dimethylphenol	7.90	122	248453	40.736	ng	# 98
28) bis(2-Chloroethoxy)methane	7.99	93	332276	37.361	ng	# 98
29) 2,4-Dichlorophenol	8.11	162	233909	36.718	ng	# 98
30) 1,2,4-Trichlorobenzene	8.19	180	249881	34.571	ng	# 98
31) Naphthalene	8.27	128	850222	36.958	ng	# 100
32) Benzoic acid	8.02	122	93825m	20.999	ng	#
33) 4-Chloroaniline	8.33	127	109274	11.267	ng	# 96
34) Hexachlorobutadiene	8.37	225	133921	34.048	ng	# 98
35) Caprolactam	8.69	113	67530	33.431	ng	# 81
36) 4-Chloro-3-methylphenol	8.80	107	250357	37.155	ng	# 97
37) 2-Methylnaphthalene	8.96	142	541599	35.741	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	240520	36.599	ng	# 98
40) Hexachlorocyclopentadiene	9.10	237	93427	33.555	ng	# 95

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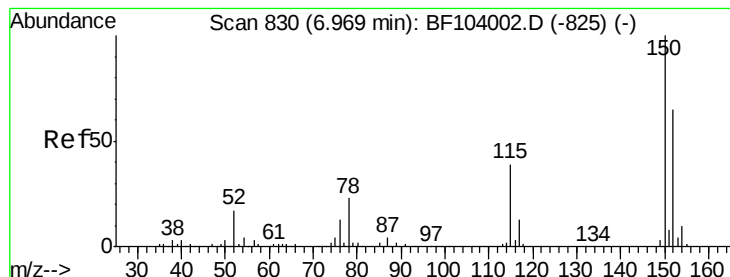
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	141145	33.918	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	172421	34.316	nq	96
45) 1,1'-Biphenyl	9.42	154	660928	35.933	nq	99
46) 2-Chloronaphthalene	9.45	162	512060	35.293	nq	100
47) 2-Nitroaniline	9.56	65	144812	35.002	nq	93
48) Acenaphthylene	9.87	152	752411	34.230	nq	100
49) Dimethylphthalate	9.72	163	598717	35.384	nq	99
50) 2,6-Dinitrotoluene	9.79	165	125529	34.483	nq	92
51) Acenaphthene	10.04	154	418972	32.949	nq	99
52) 3-Nitroaniline	9.97	138	91063	21.761	nq	99
53) 2,4-Dinitrophenol	10.09	184	35793	26.526	nq #	40
54) Dibenzofuran	10.22	168	662327	35.669	nq	99
55) 4-Nitrophenol	10.14	139	145888	58.143	nq	97
56) 2,4-Dinitrotoluene	10.20	165	159338	34.302	nq #	94
57) Fluorene	10.56	166	525211	34.289	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	137267	36.464	nq #	86
59) Diethylphthalate	10.42	149	568483	35.071	nq	99
60) 4-Chlorophenyl-phenylether	10.55	204	254549	36.183	nq	95
61) 4-Nitroaniline	10.60	138	112232	28.663	nq	95
62) Azobenzene	10.71	77	508323	34.681	nq	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	35470	16.158	nq	80
65) n-Nitrosodiphenylamine	10.67	169	472035	38.433	nq	98
66) 4-Bromophenyl-phenylether	11.04	248	145861	37.594	nq #	89
67) Hexachlorobenzene	11.10	284	158460	35.505	nq	94
68) Atrazine	11.19	200	142230	37.800	nq	99
69) Pentachlorophenol	11.30	266	138152	56.252	nq	96
70) Phenanthrene	11.53	178	687225	35.001	nq	99
71) Anthracene	11.58	178	765418	37.321	nq	99
72) Carbazole	11.74	167	671173	34.288	nq	99
73) Di-n-butylphthalate	12.04	149	854163	36.634	nq	99
74) Fluoranthene	12.72	202	663893	31.810	nq	98
76) Benzidine	12.85	184	364175	56.404	nq	98
77) Pyrene	12.95	202	635294	39.007	nq	99
79) Butylbenzylphthalate	13.55	149	307418	40.065	nq	97
80) Benzo(a)anthracene	14.14	228	499954	35.267	nq	98
81) 3,3'-Dichlorobenzidine	14.10	252	165652	35.302	nq	99
82) Chrysene	14.19	228	499820	35.997	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	393740	39.715	nq	100
84) Di-n-octyl phthalate	14.73	149	609944	35.765	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	506429	35.197	nq	97
87) Benzo(b)fluoranthene	15.24	252	461244	35.038	nq	99
88) Benzo(k)fluoranthene	15.27	252	450656	36.341	nq	99
89) Benzo(a)pyrene	15.63	252	447156	36.654	nq	99
90) Dibenzo(a,h)anthracene	17.30	278	436209	38.675	nq	98
91) Benzo(g,h,i)perylene	17.77	276	414891	36.725	nq	97

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



#1

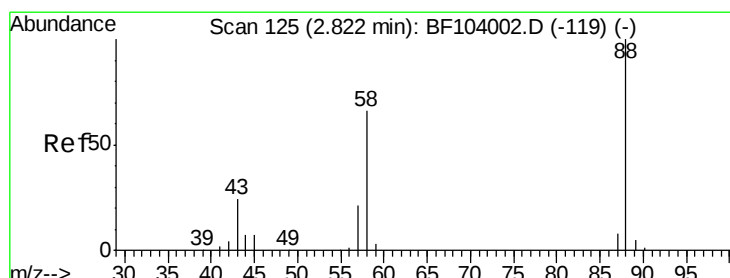
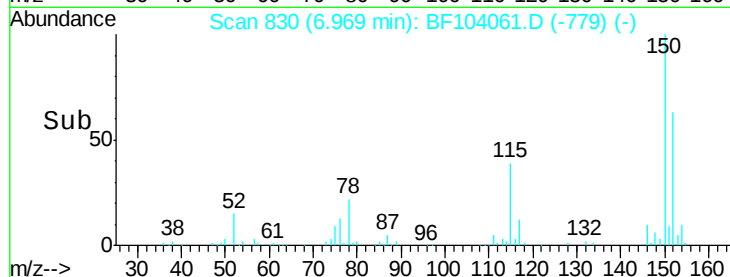
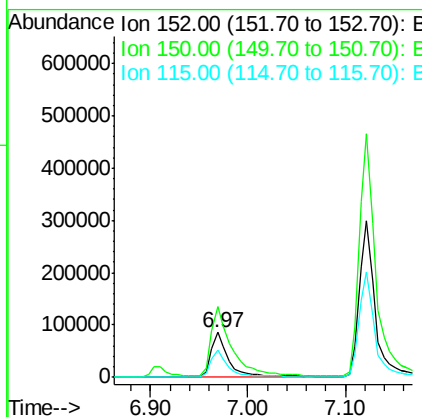
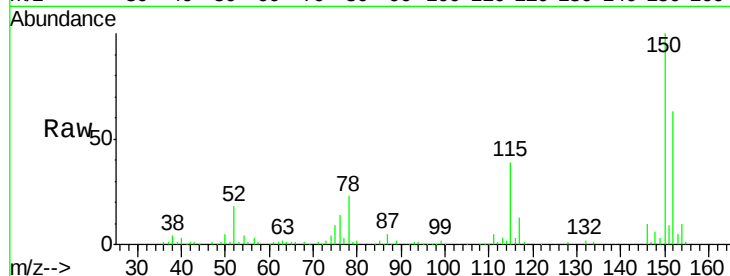
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.6	50.1	75.1

Manual Integrations
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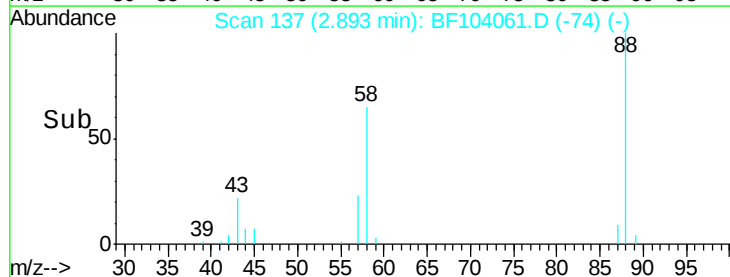
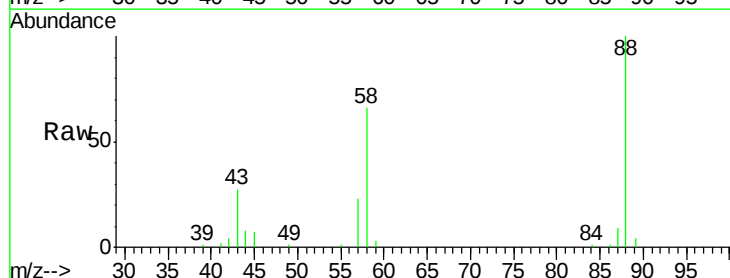
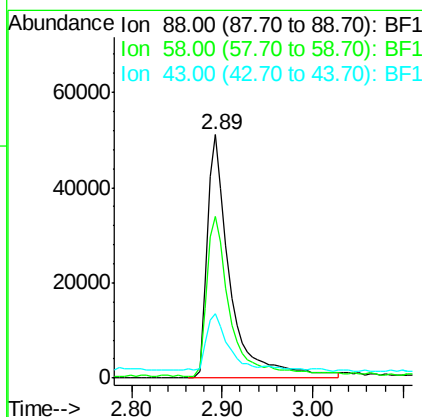
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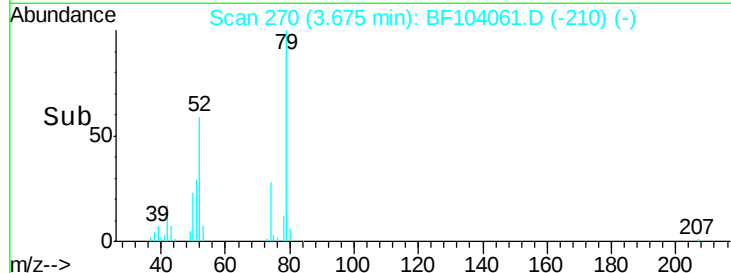
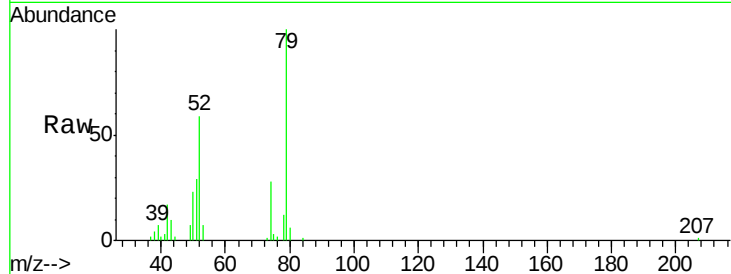
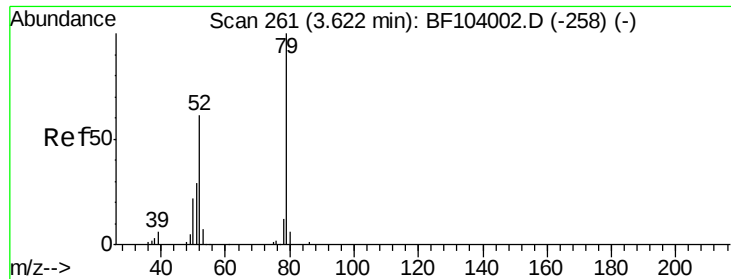


#2

1,4-Dioxane
 Concen: 29.879 ng
 RT: 2.89 min Scan# 137
 Delta R.T. 0.07 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	62.6	93.8
43	21.3	24.6	37.0





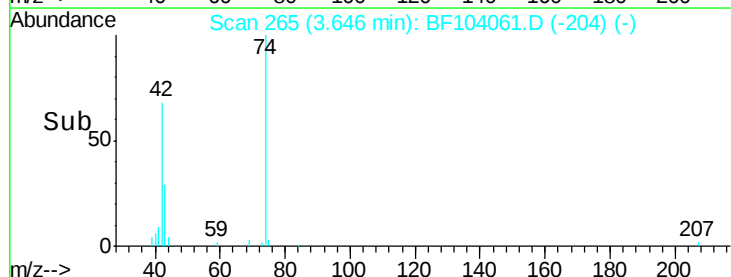
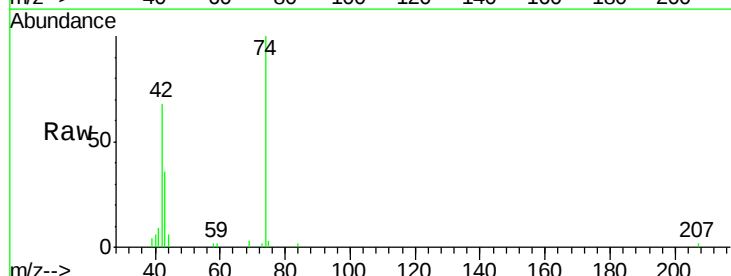
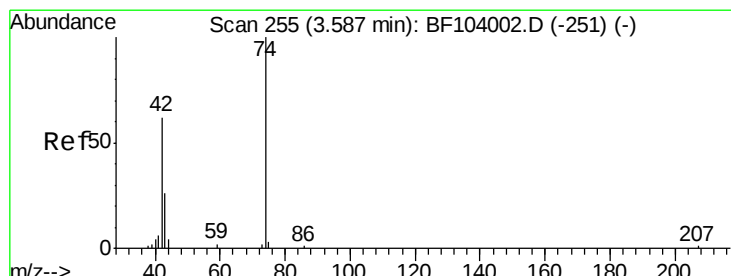
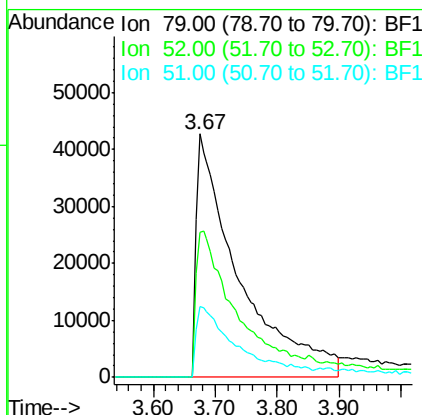
#3
 Pvridine
 Concen: 26.362 ng
 RT: 3.67 min Scan# 270
 Delta R.T. 0.05 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tot Ion	Ratio	Resp	Lower	Upper
79	100	204730		
52	59.5		59.8	89.6#
51	28.9		29.8	44.8#

Instrument :
 BNA_F
 ClientSampled :
 PB107795BS

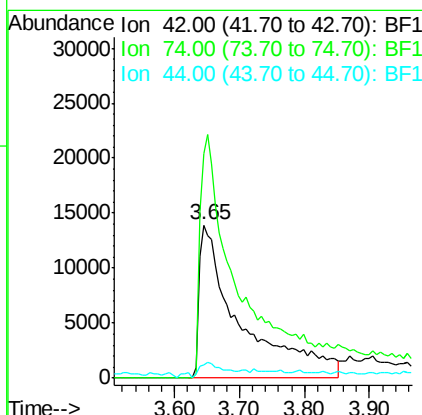
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#4
 n-Nitrosodimethylamine
 Concen: 26.314 ng
 RT: 3.65 min Scan# 265
 Delta R.T. 0.06 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	60742		
74	147.0		104.9	157.3
44	8.6		6.9	10.3





#5

2-Fluorophenol

Concen: 104.545 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

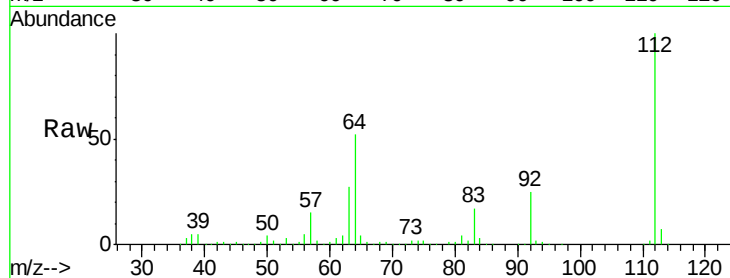
ClientSampleId :

PB107795BS

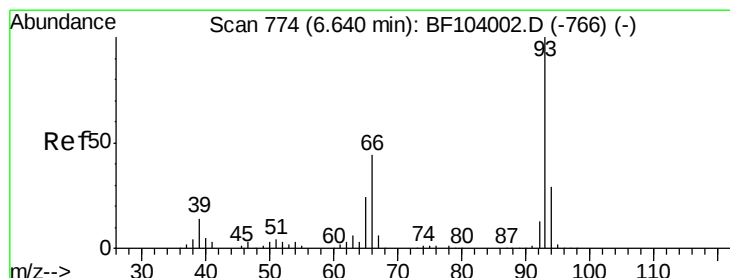
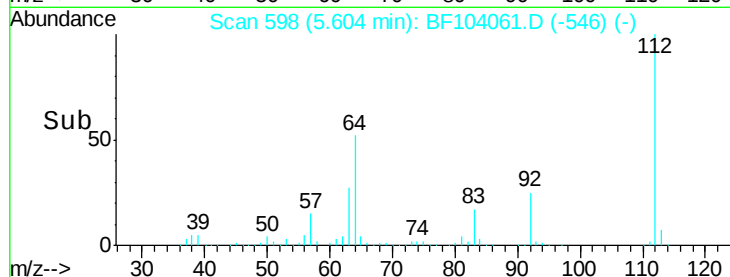
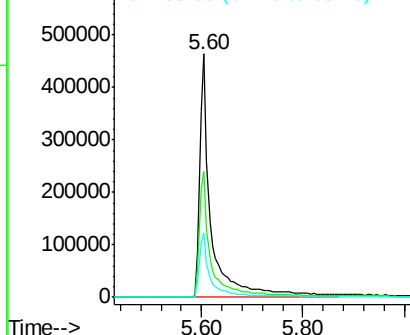
Tot Ion:	112	Resp:	743592
Ion Ratio	Lower	Upper	
112	100		
64	51.6	47.9	71.9
63	26.6	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.493 ng

RT: 6.64 min Scan# 774

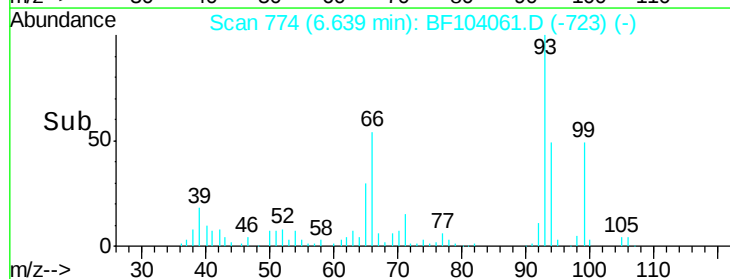
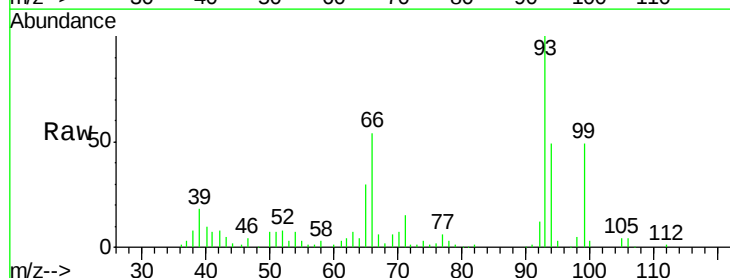
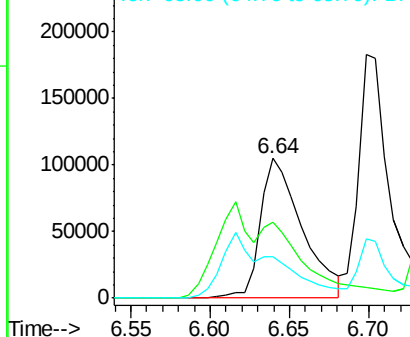
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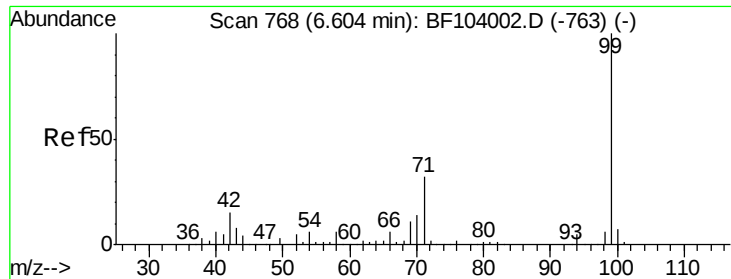
Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	93	Resp:	193723
Ion Ratio	Lower	Upper	
93	100		
66	54.4	32.2	48.2#
65	29.7	16.4	24.6#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.774 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

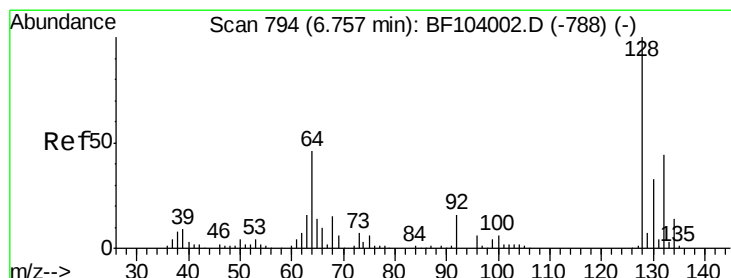
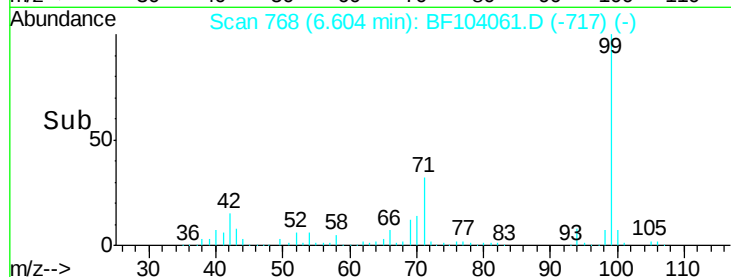
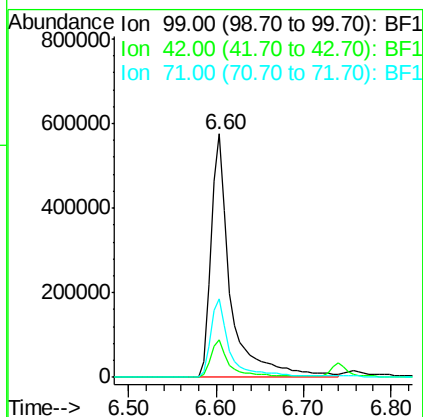
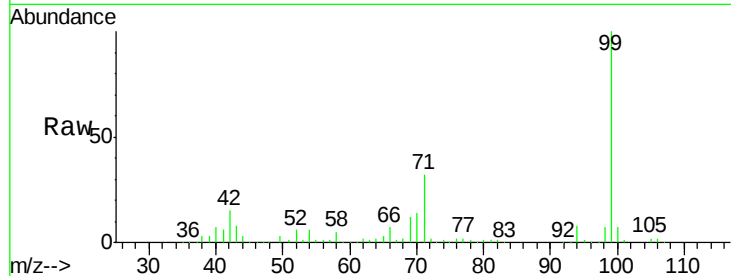
ClientSampleId :

PB107795BS

Tot Ion:	99	Resp:	899348
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	32.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.526 ng

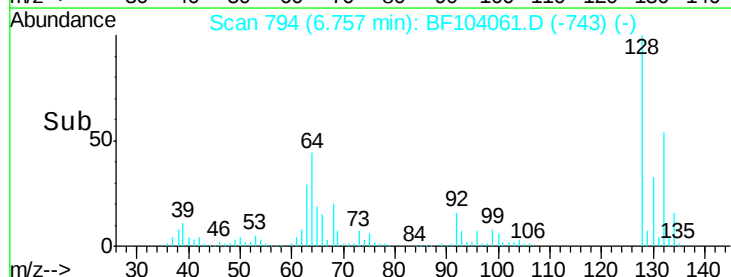
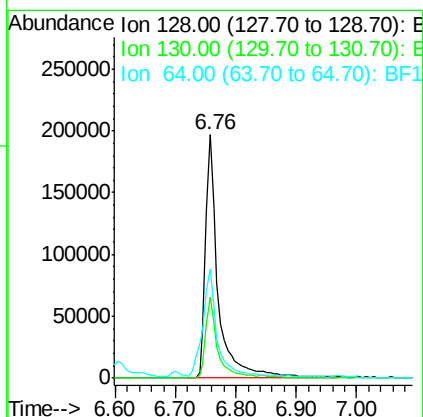
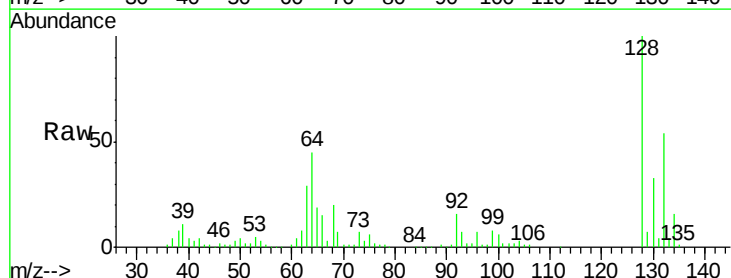
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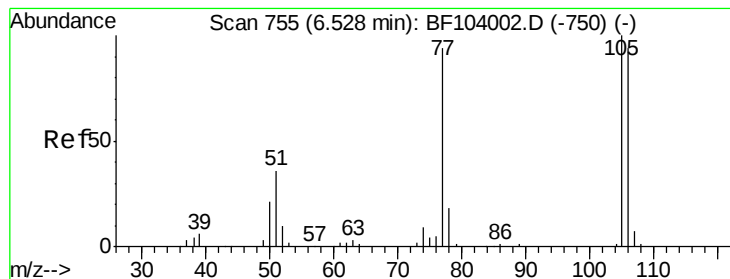
Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	128	Resp:	292788
Ion Ratio	Lower	Upper	
128	100		
130	33.3	13.0	53.0
64	44.7	29.4	69.4





#9

Benzaldehyde

Concen: 15.538 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

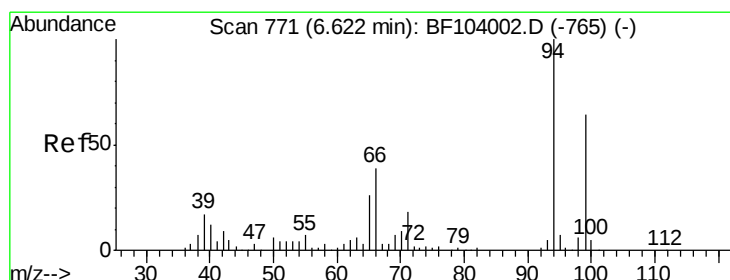
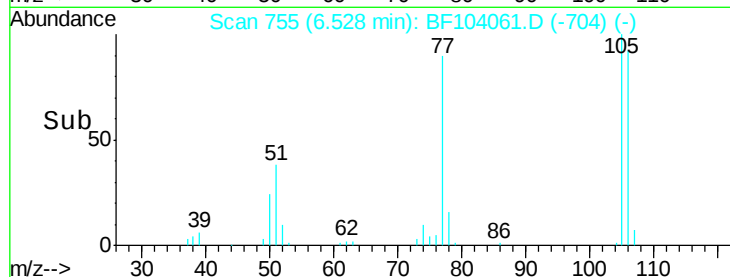
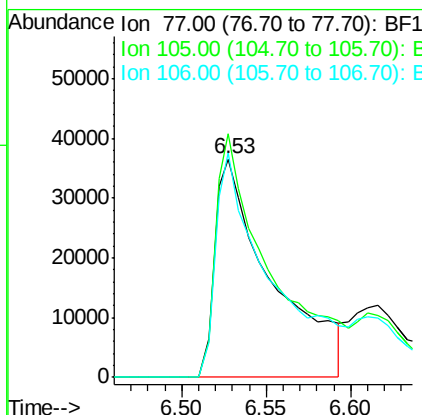
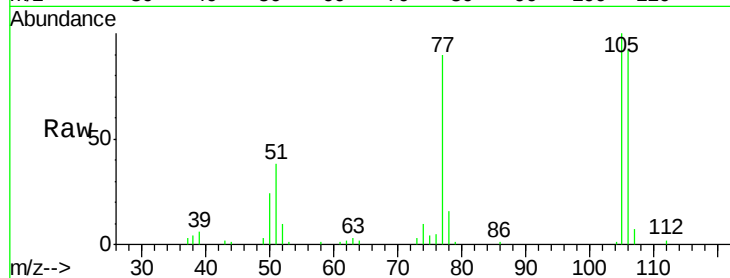
ClientSampleId :

PB107795BS

Tot Ion:	77	Resp:	85610
Ion	Ratio	Lower	Upper
77	100		
105	111.6	81.1	121.1
106	102.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.591 ng

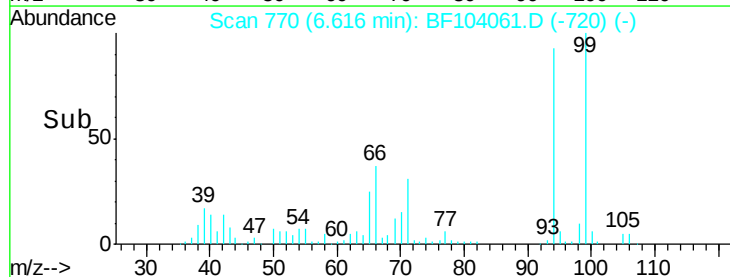
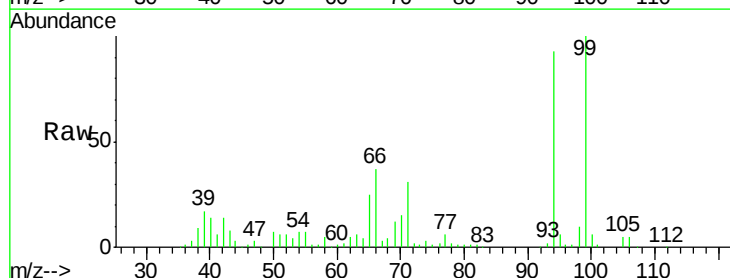
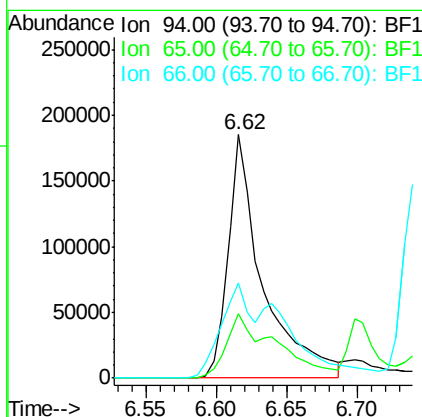
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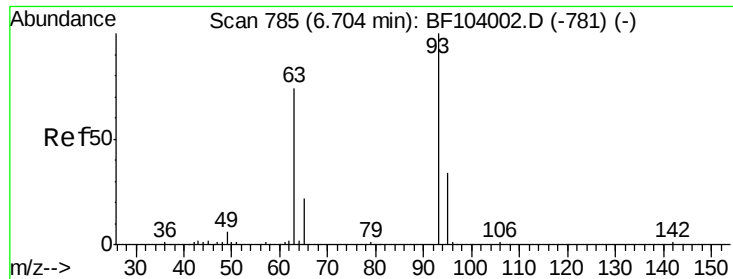
Delta R.T. -0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	94	Resp:	315998
Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.9	47.9
66	39.3	16.2	56.2





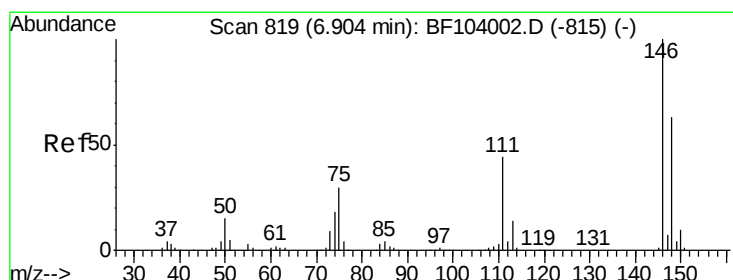
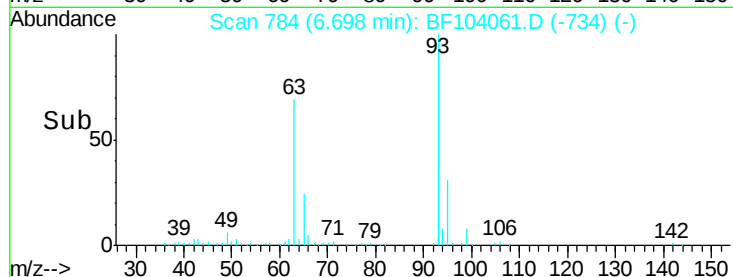
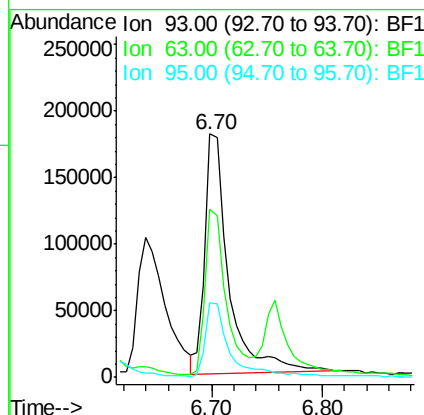
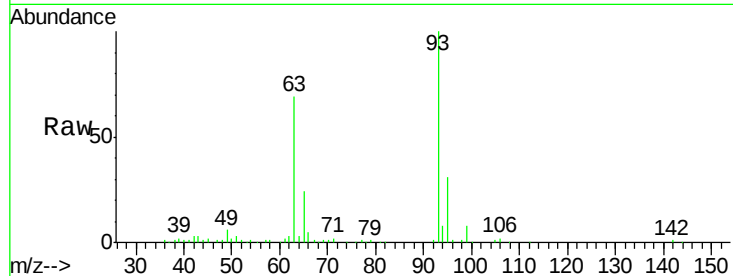
#11
bis(2-Chloroethyl)ether
Concen: 32.097 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion:	93	Resp:	268169
Ion	Ratio	Lower	Upper
93	100		
63	69.1	58.6	98.6
95	30.7	11.8	51.8

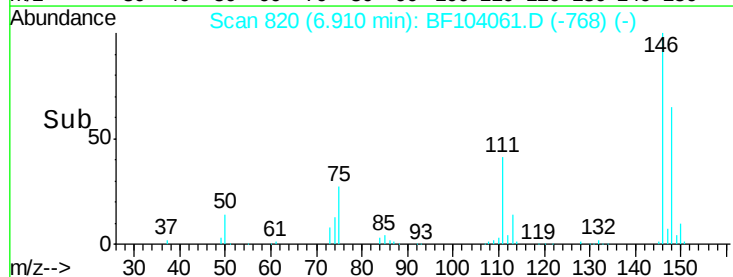
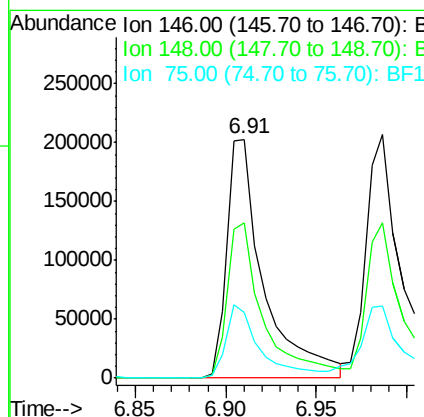
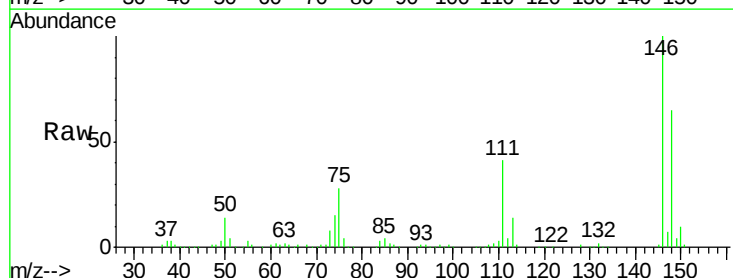
Manual Integrations
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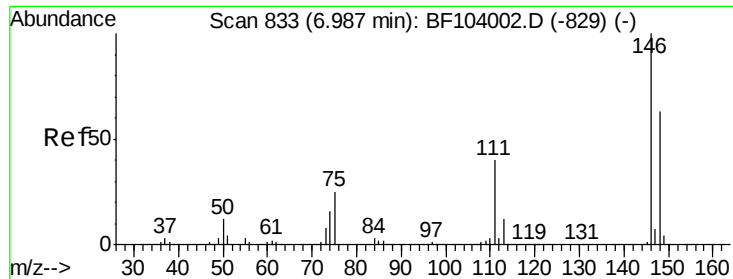
Sohil
3/30/2018 6:01:28 PM



#12
1,3-Dichlorobenzene
Concen: 32.888 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:	146	Resp:	288440
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	27.7	24.2	36.4





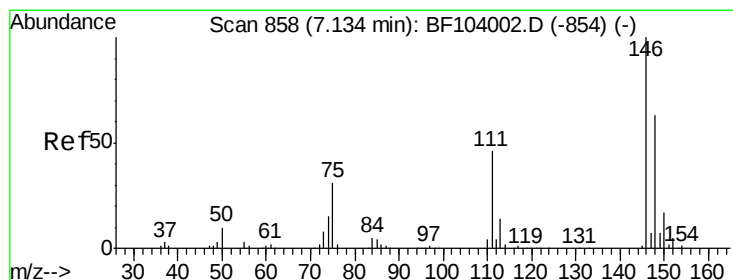
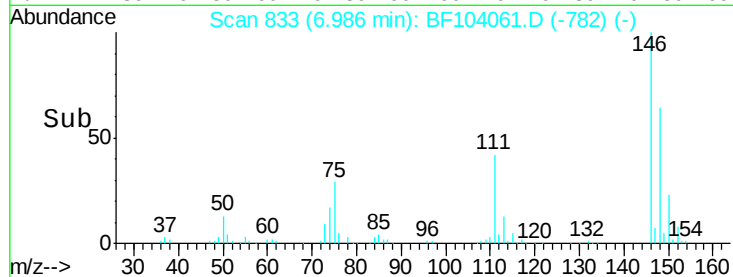
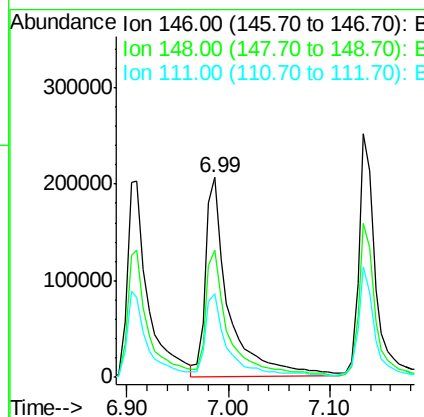
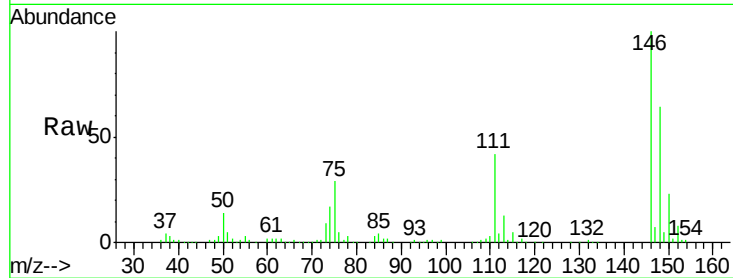
#13
 1,4-Dichlorobenzene
 Concen: 35.145 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.5	34.2	51.2

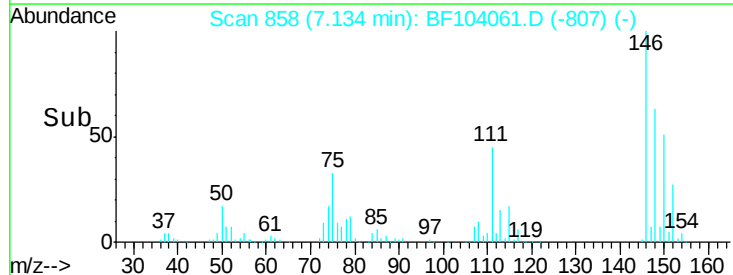
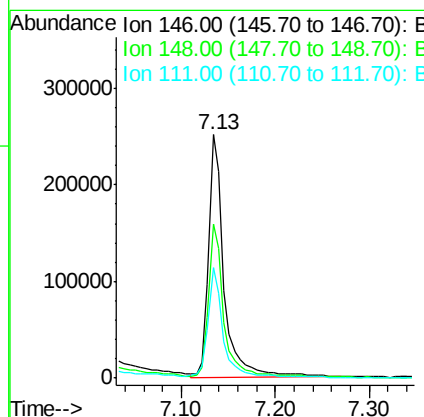
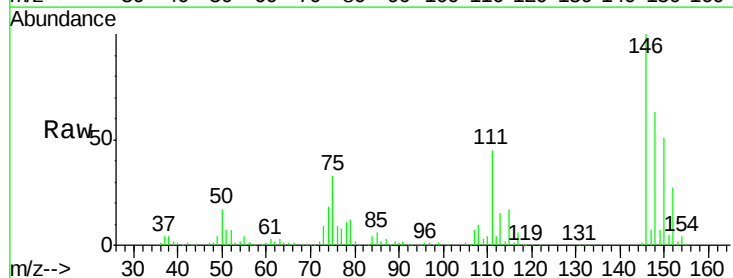
Manual Integrations
 APPROVED

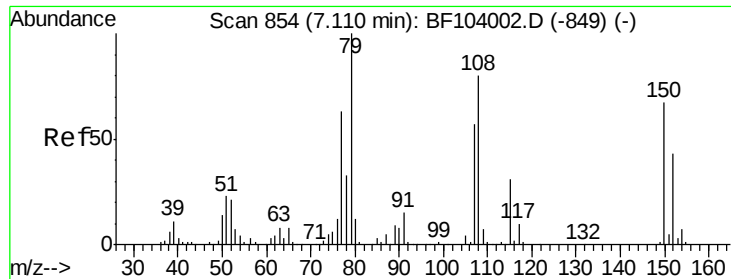
Sohil
 3/30/2018 6:01:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.169 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	45.4	36.0	54.0





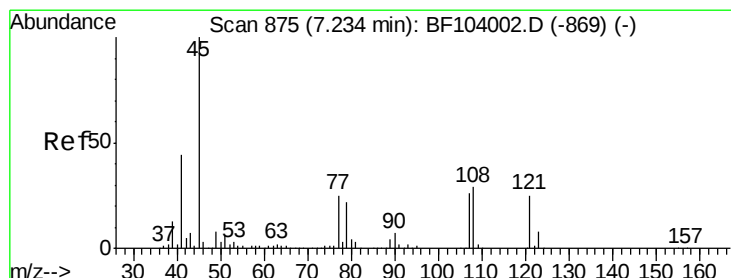
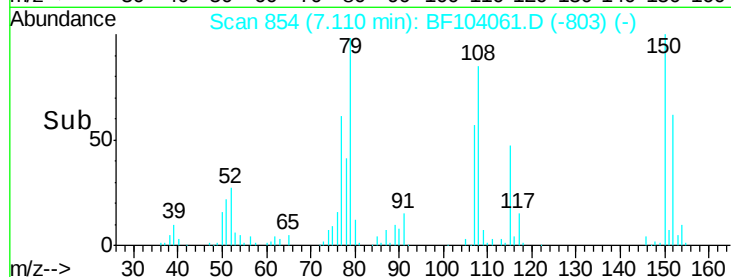
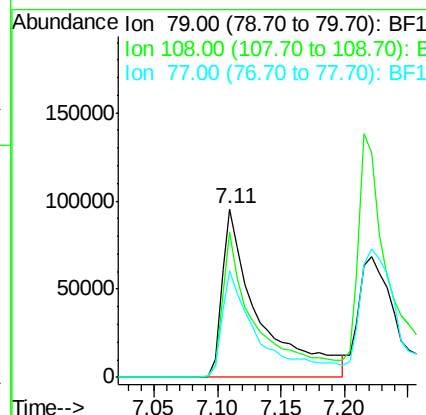
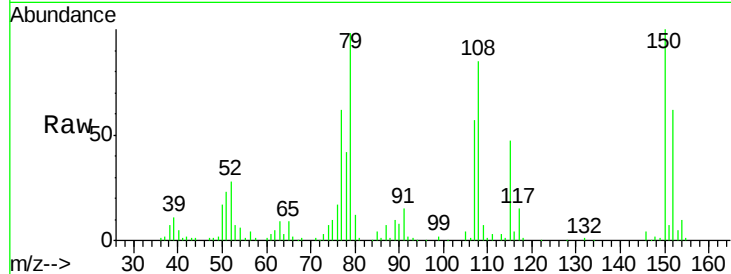
#15
Benzyl Alcohol
Concen: 33.922 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.9	65.1	97.7
77	63.4	50.6	75.8

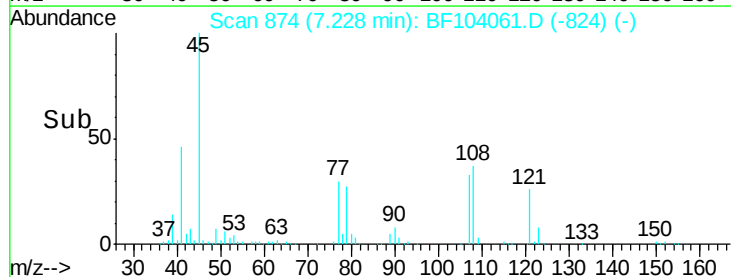
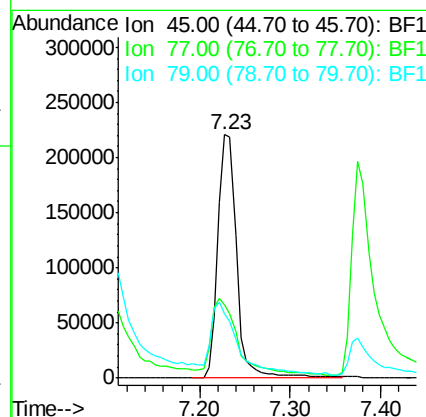
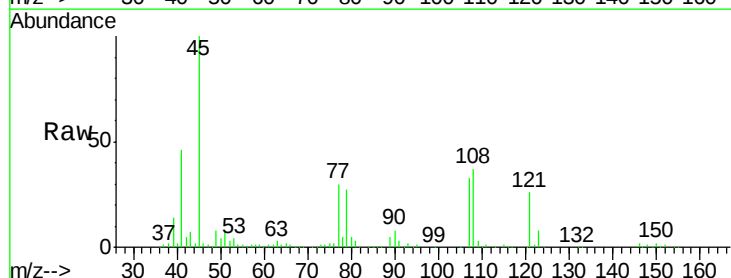
Manual Integrations
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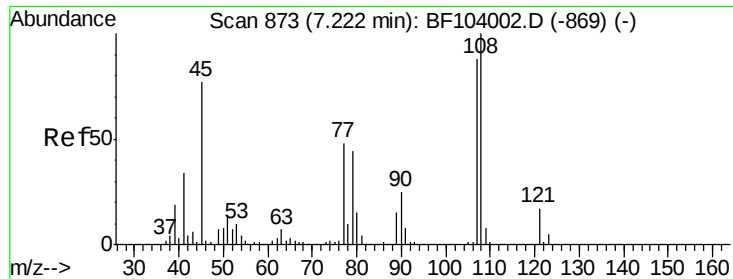
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.838 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.3	0.0	32.9
79	26.6	0.0	29.6





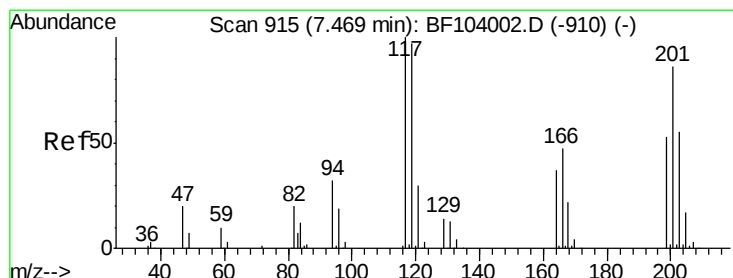
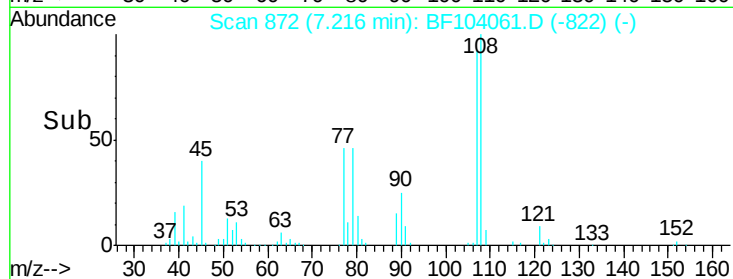
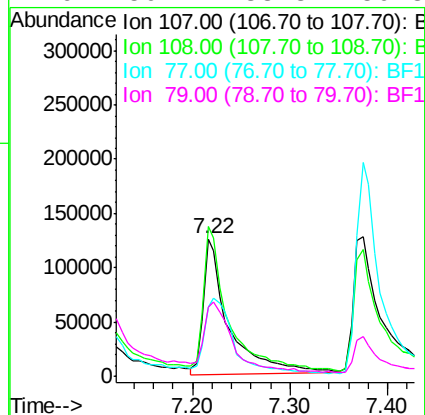
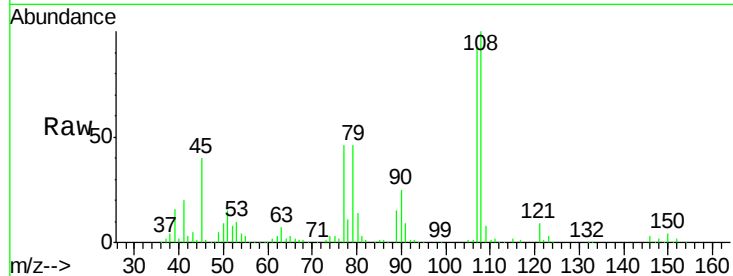
#17
2-Methylphenol
Concen: 35.169 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	107	Resp	223331
Ion	Ratio	Lower	Upper
107	100		
108	109.1	91.7	137.5
77	50.7	33.8	50.8
79	50.1	33.8	50.8

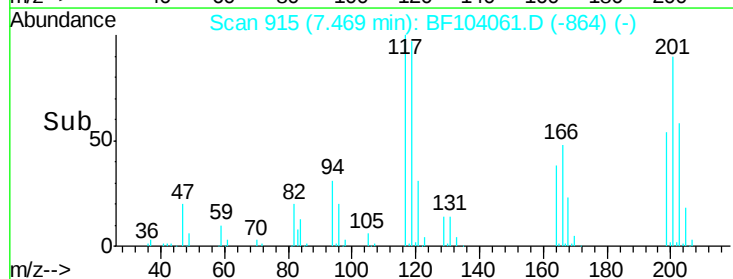
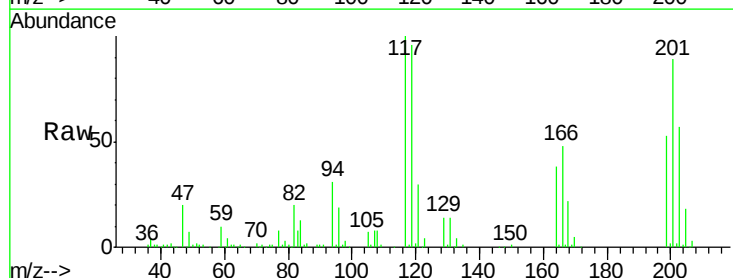
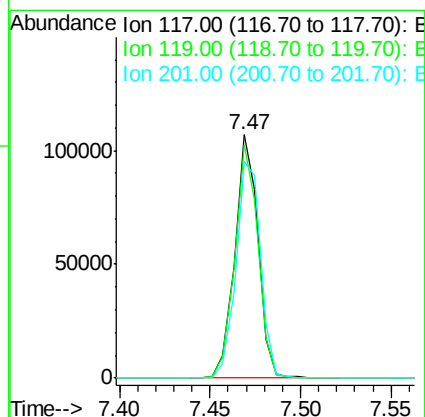
Manual Integrations
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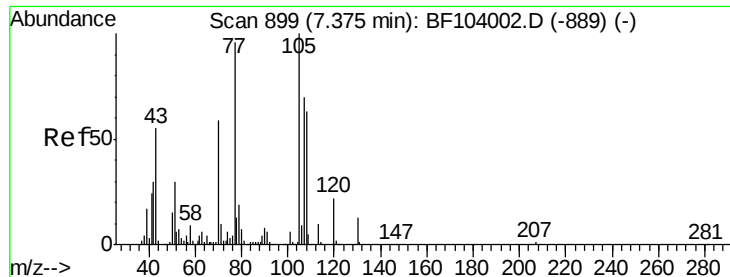
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#18
Hexachloroethane
Concen: 30.291 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	117	Resp	95307
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	88.9	75.7	113.5





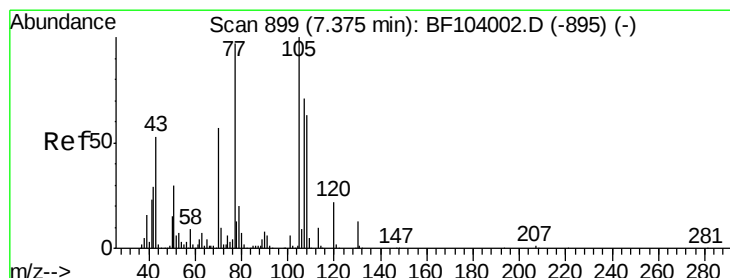
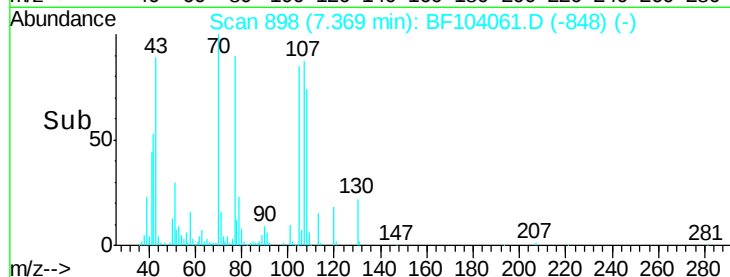
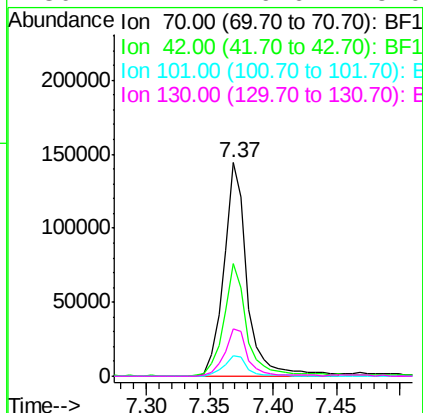
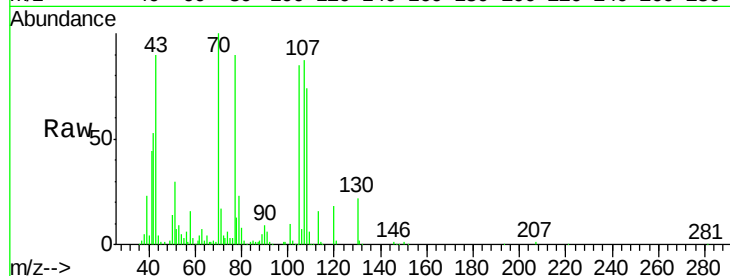
#19
n-Nitroso-di-n-propylamine
Concen: 35.315 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	70	Resp	183398
Ion Ratio	Lower	Upper	
70	100		
42	53.0	47.5	71.3
101	9.6	7.4	11.2
130	22.1	16.6	25.0

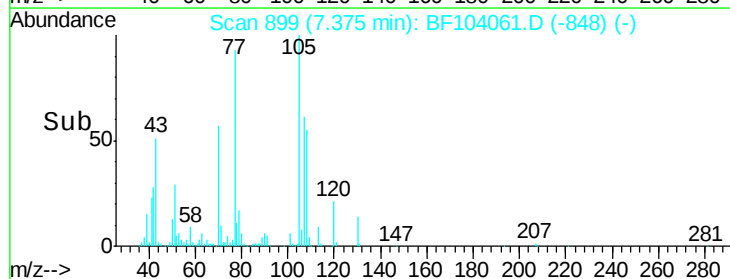
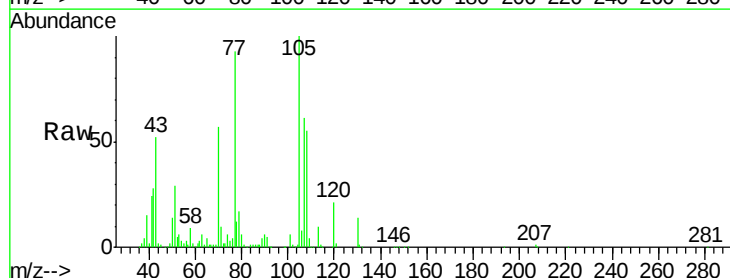
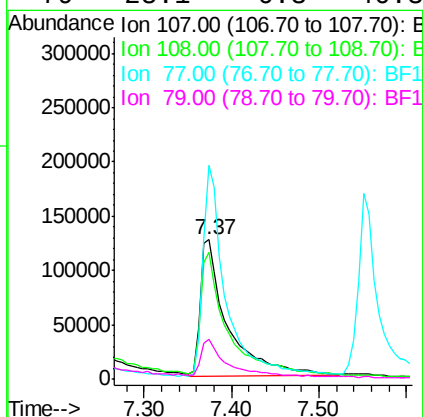
Manual Integrations
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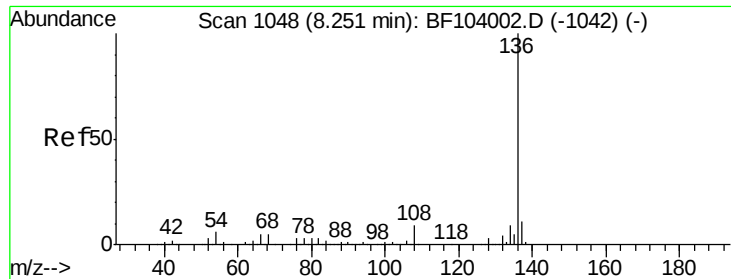
Sohil
3/30/2018 6:01:28 PM



#20
3+4-Methylphenols
Concen: 33.459 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	107	Resp	271169
Ion Ratio	Lower	Upper	
107	100		
108	90.5	68.2	108.2
77	153.1	26.7	66.7#
79	28.1	6.3	46.3





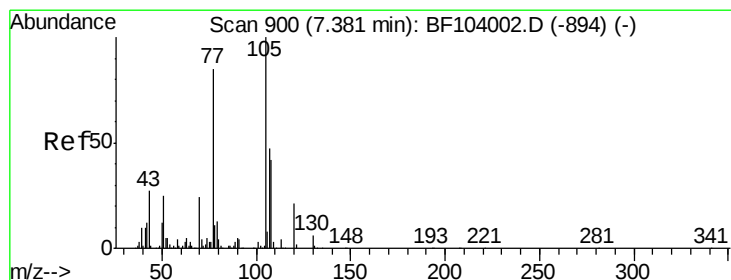
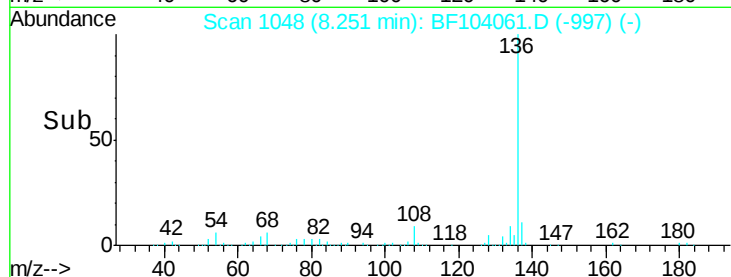
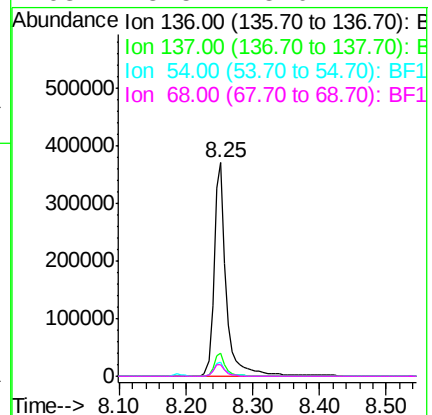
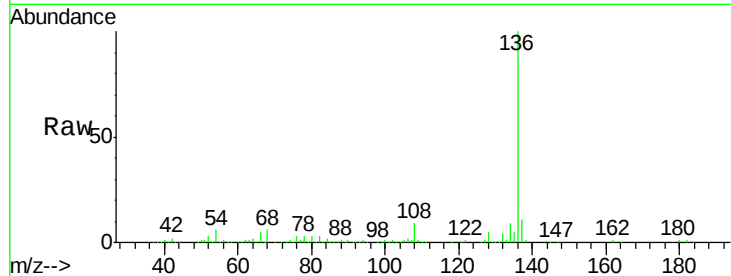
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	470896		
137	11.0		8.9	13.3
54	6.5		6.6	9.8#
68	5.5		5.0	7.4

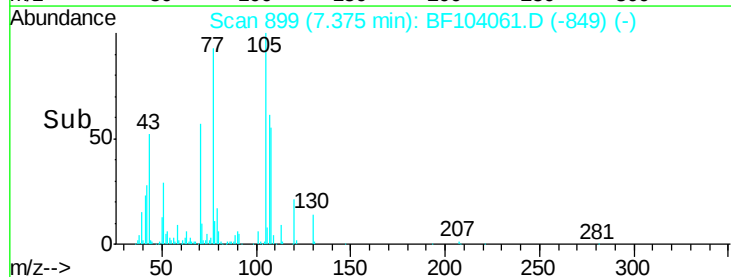
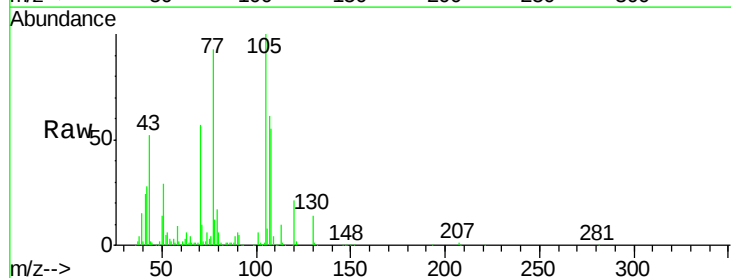
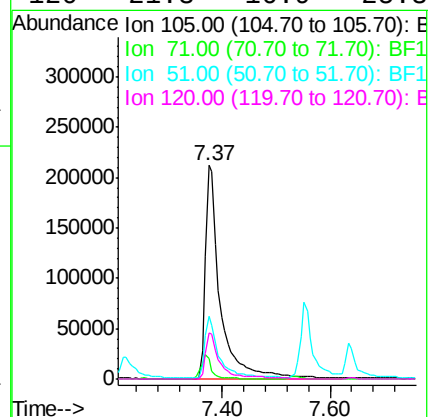
Manual Integrations
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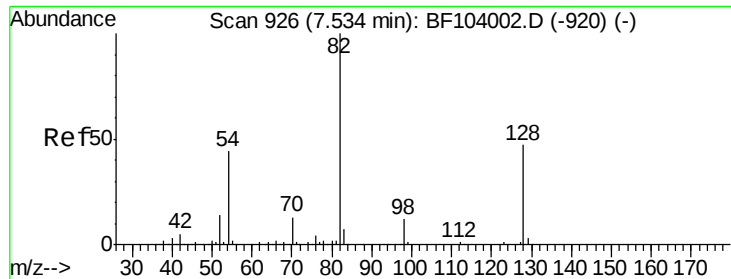
Sohil
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#22
Acetophenone
Concen: 35.751 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	407325		
71	9.9		4.4	6.6#
51	29.4		22.3	33.5
120	21.3		16.9	25.3





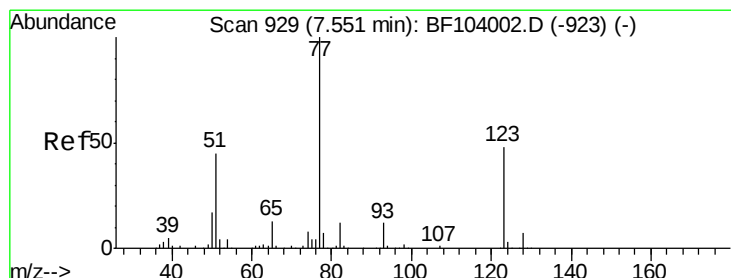
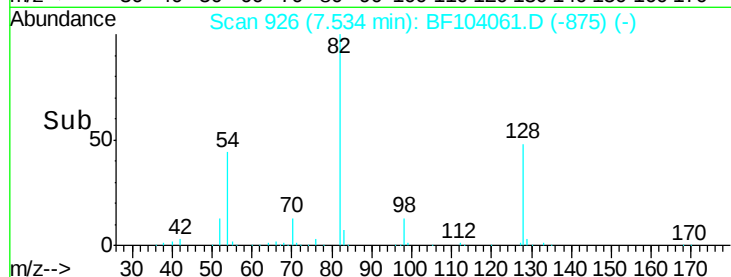
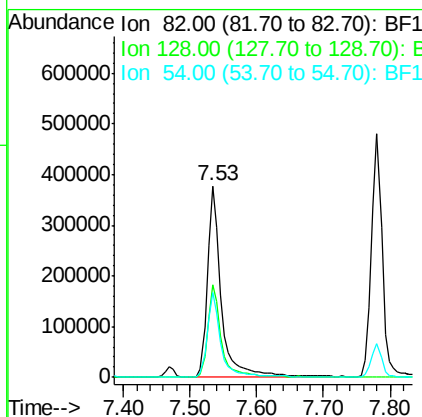
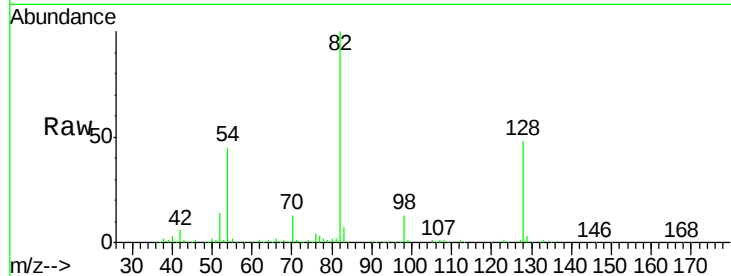
#23
Nitrobenzene-d5
Concen: 72.434 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	82	Resp	557737
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.5	41.4	62.2

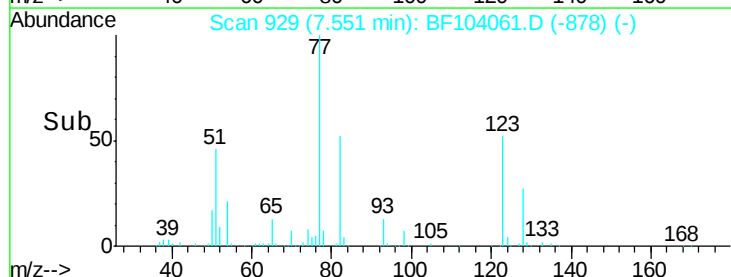
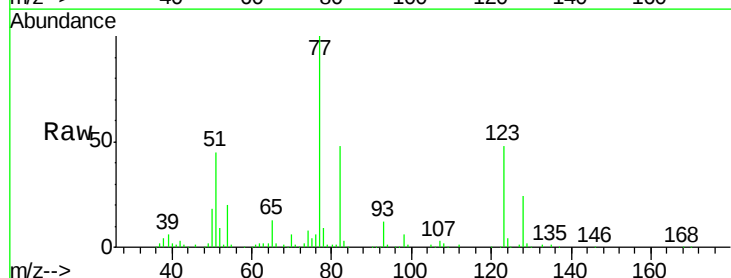
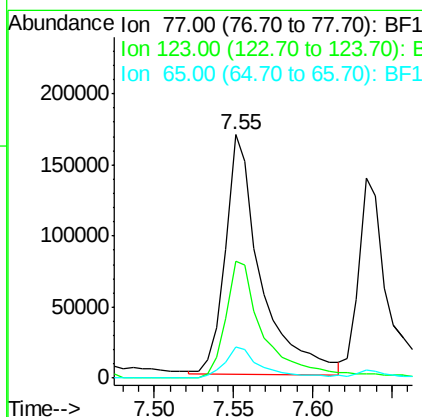
Manual Integrations
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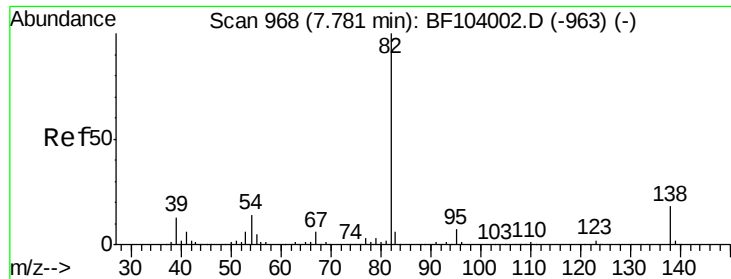
Sohil
3/30/2018 6:01:28 PM



#24
Nitrobenzene
Concen: 32.442 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	77	Resp	262836
Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.9	56.9
65	12.9	11.0	16.4





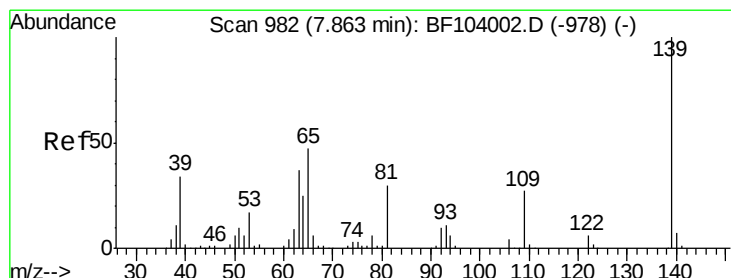
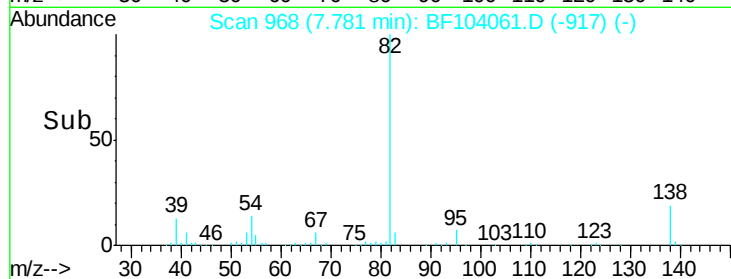
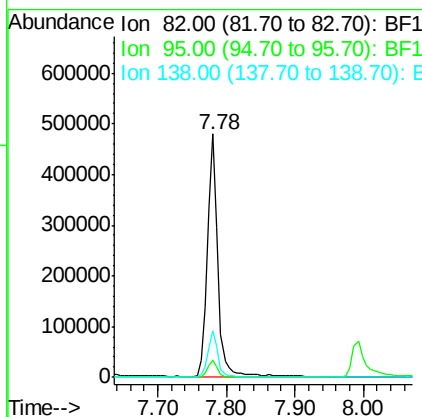
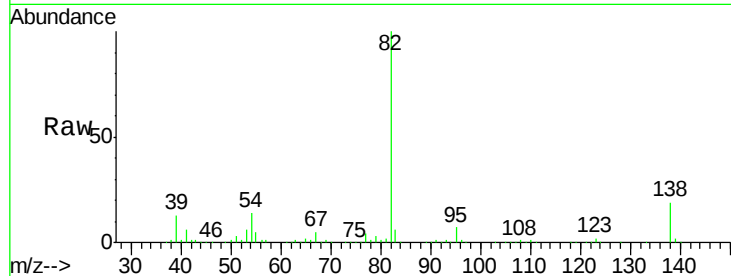
#25
Isophorone
Concen: 37.129 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.2	7.8
138	19.1	14.9	22.3

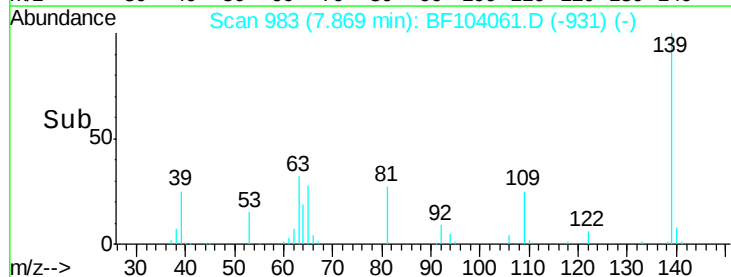
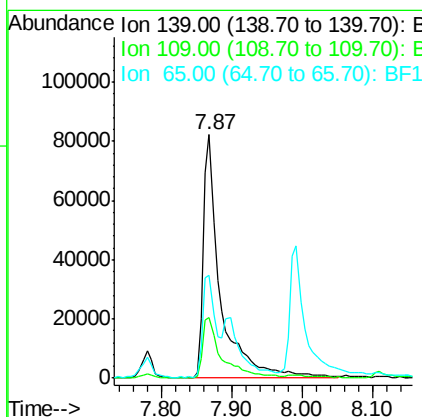
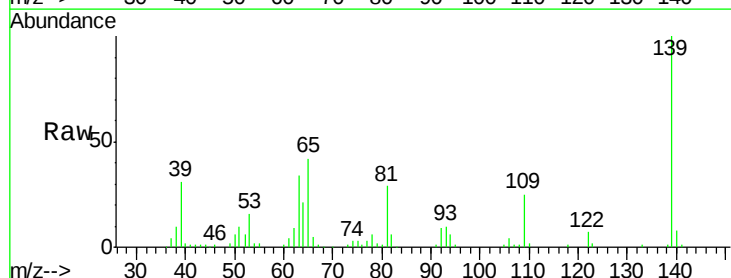
Manual Integrations
APPROVED

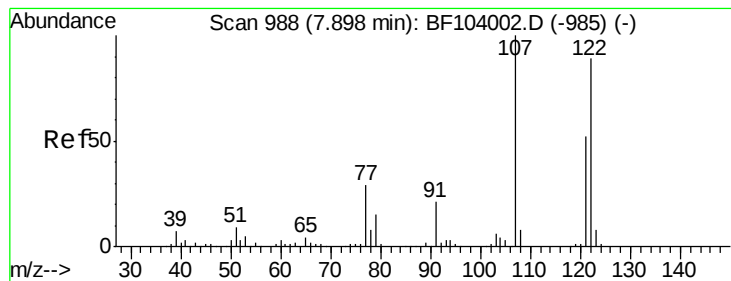
Sohil
3/30/2018 6:01:28 PM



#26
2-Nitrophenol
Concen: 33.087 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.1	22.7	34.1
65	42.3	40.5	60.7





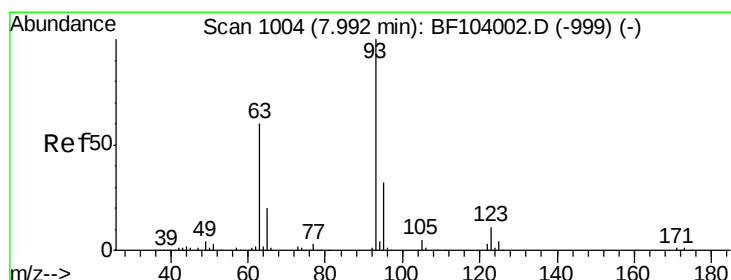
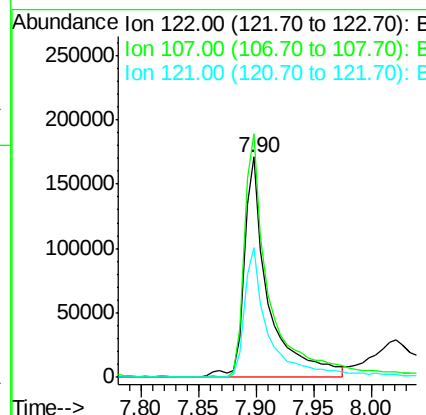
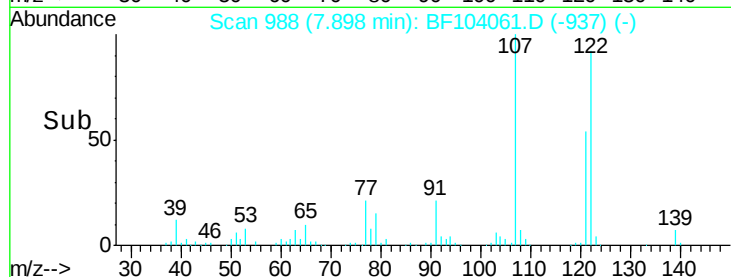
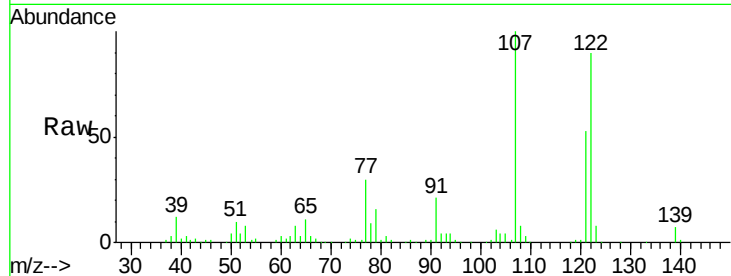
#27
2,4-Dimethylphenol
Concen: 40.736 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	91.2	136.8
121	58.8	47.2	70.8

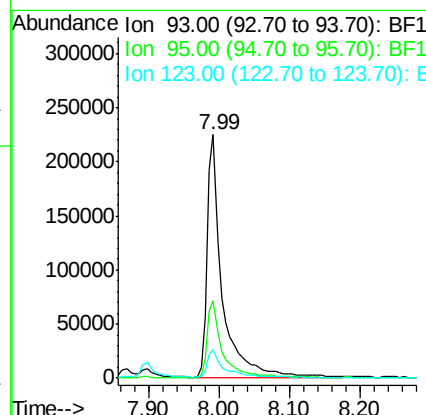
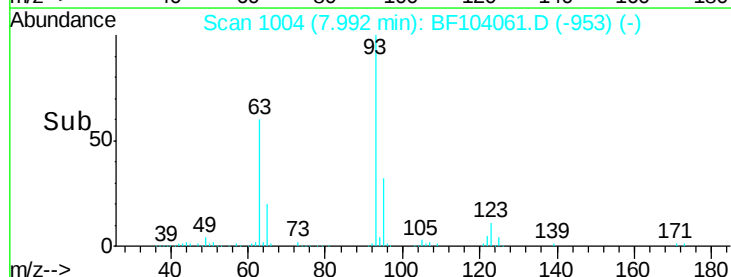
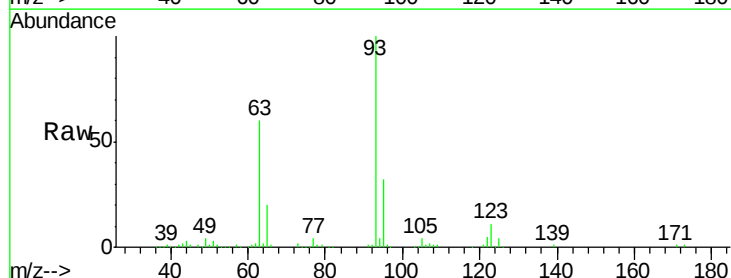
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#28
bis(2-Chloroethoxy)methane
Concen: 37.361 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	11.5	9.8	14.6





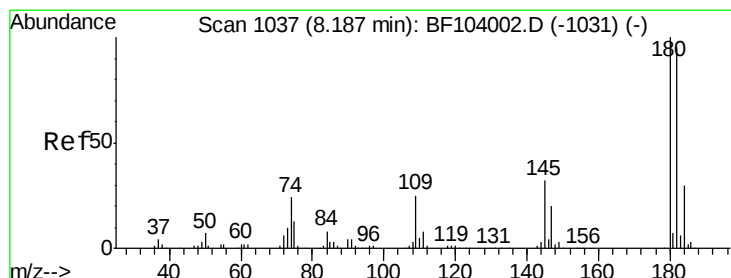
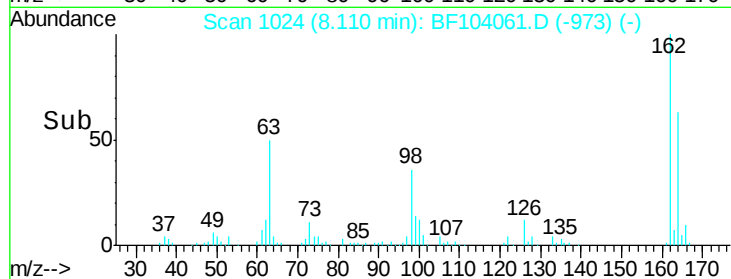
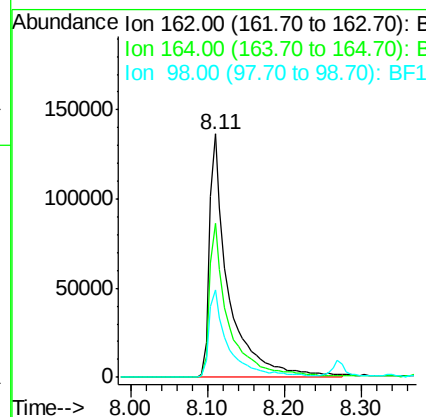
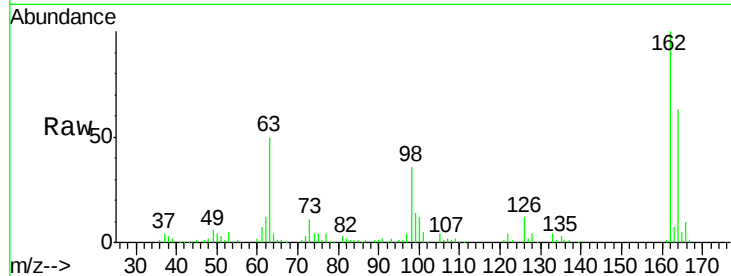
#29
 2,4-Dichlorophenol
 Concen: 36.718 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	233909		
164	63.1	42.7	82.7	
98	35.8	18.1	58.1	

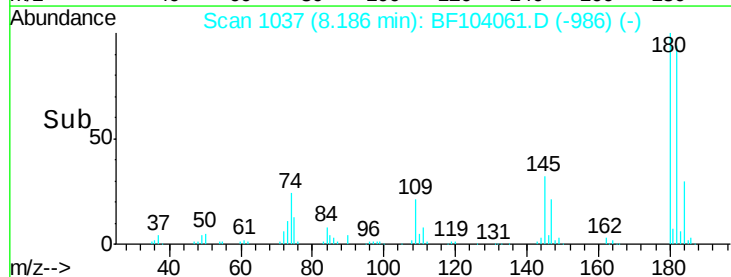
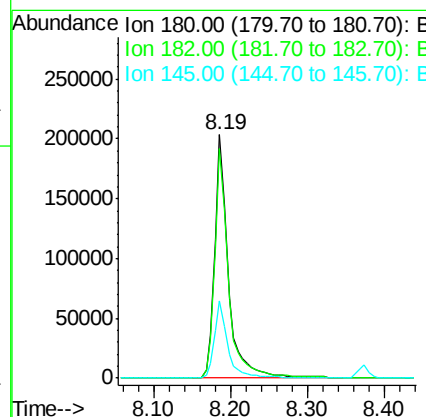
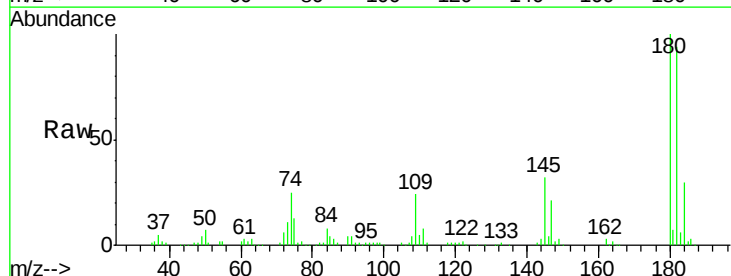
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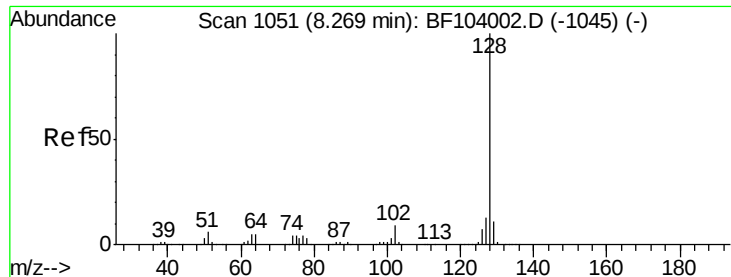
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.571 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	249881		
182	94.3	76.8	115.2	
145	31.9	26.5	39.7	





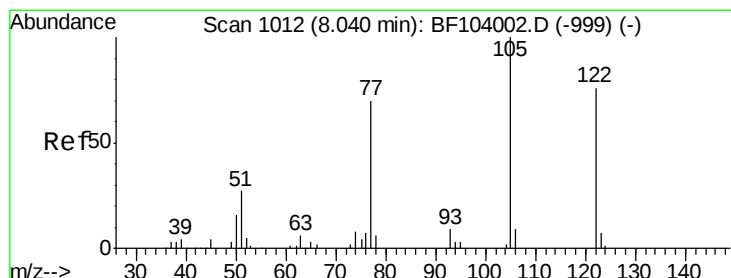
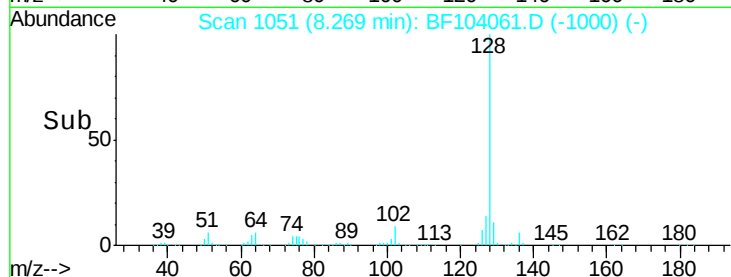
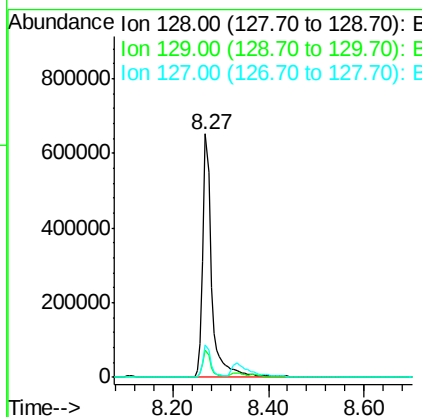
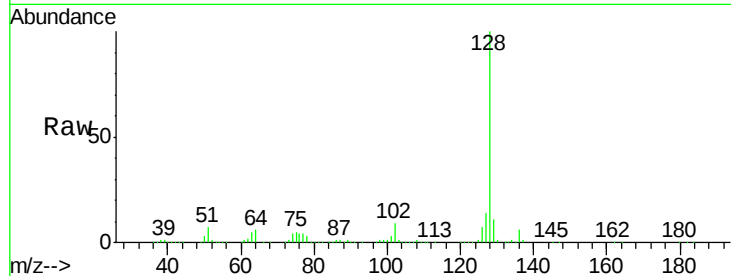
#31
Naphthalene
Concen: 36.958 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.9	16.3

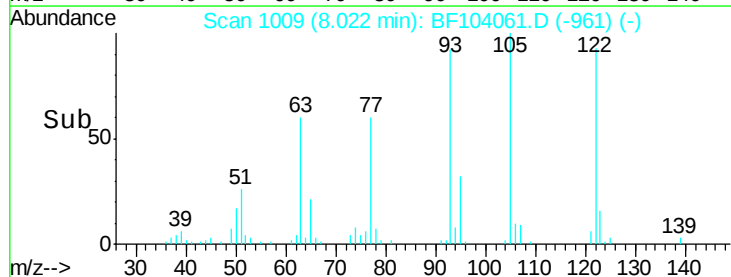
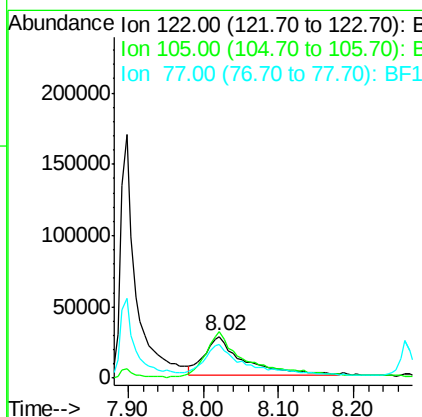
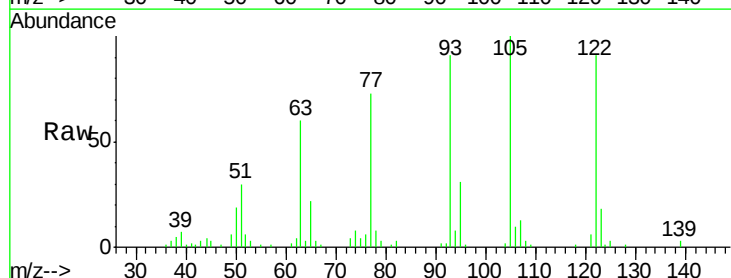
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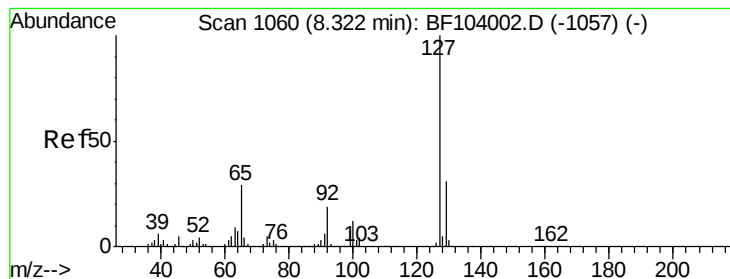
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#32
Benzoic acid
Concen: 20.999 ng m
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.9	101.1	141.1
77	79.9	70.7	110.7





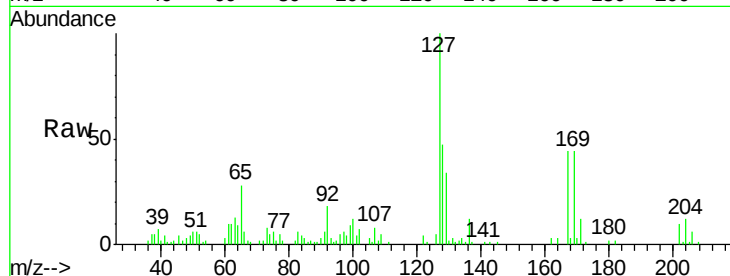
#33
 4-Chloroaniline
 Concen: 11.267 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

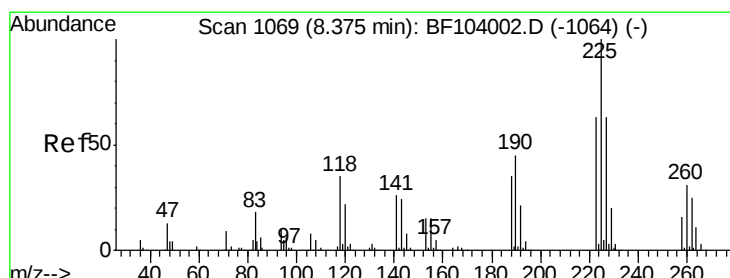
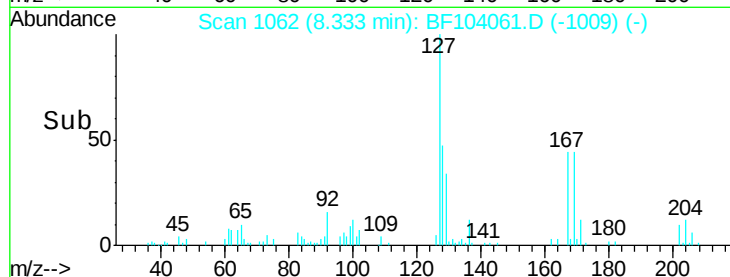
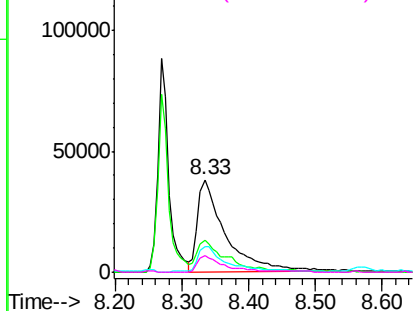
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.3	25.9	38.9		
65	28.3	25.0	37.4		
92	17.7	15.2	22.8		

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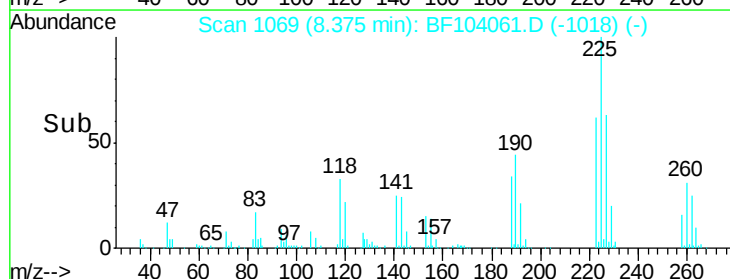
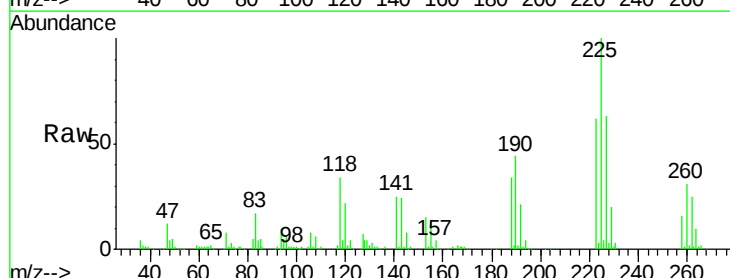
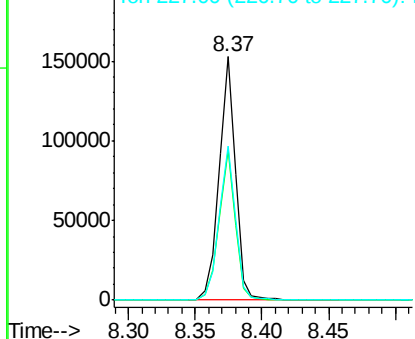
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

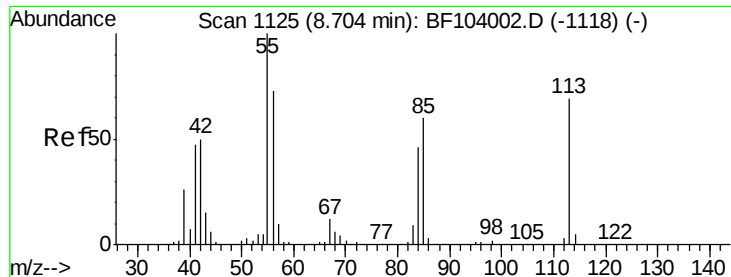


#34
 Hexachlorobutadiene
 Concen: 34.048 ng
 RT: 8.37 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.6	76.0		
227	63.4	51.9	77.9		

Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





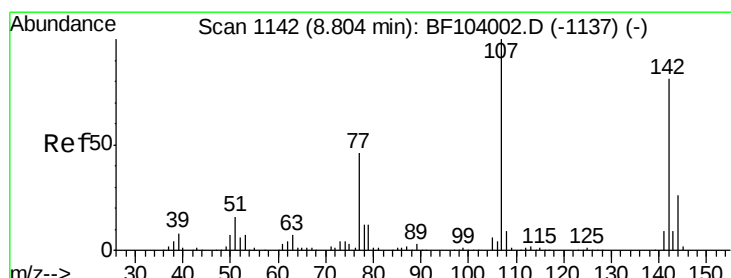
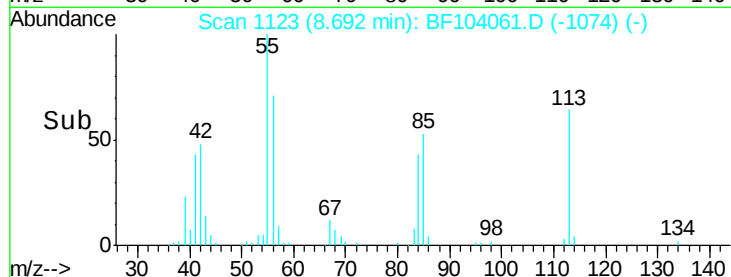
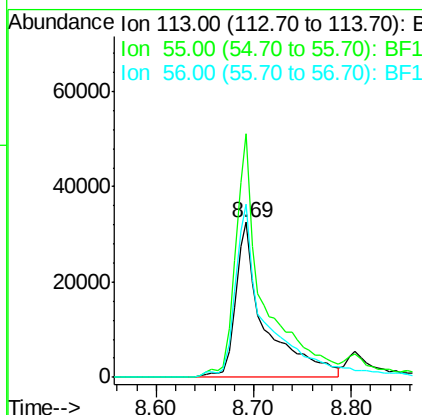
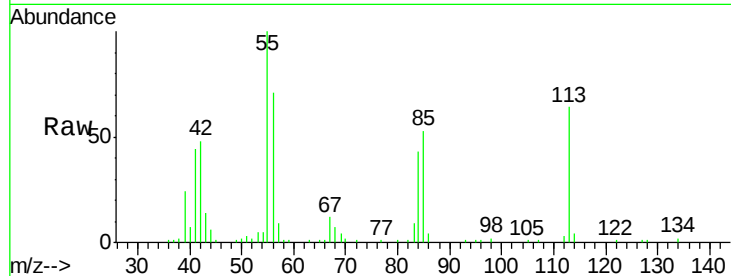
#35
Caprolactam
Concen: 33.431 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion:113 Resp: 67530
Ion Ratio Lower Upper
113 100
55 157.1 163.3 203.3#
56 111.8 115.7 155.7#

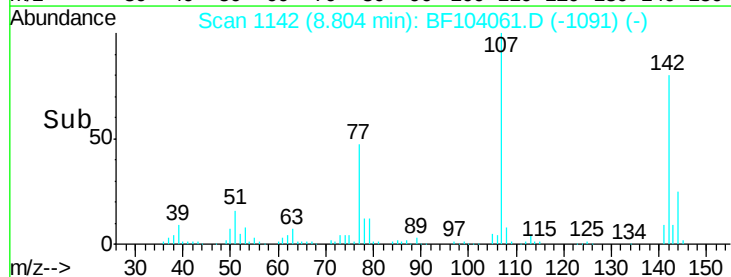
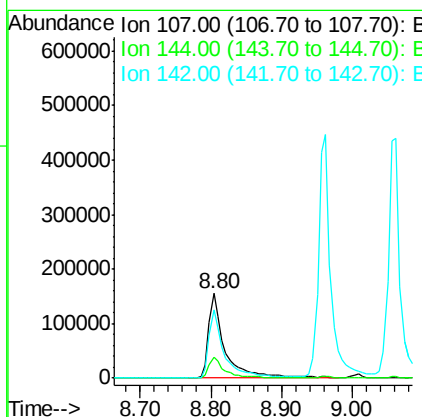
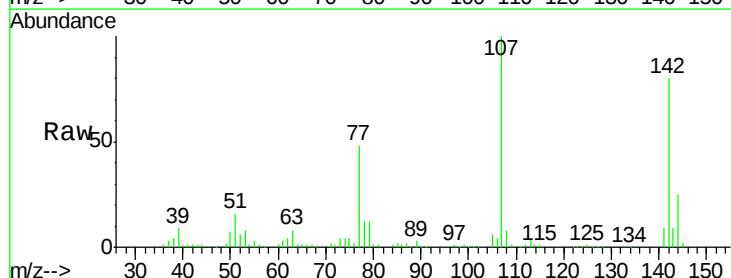
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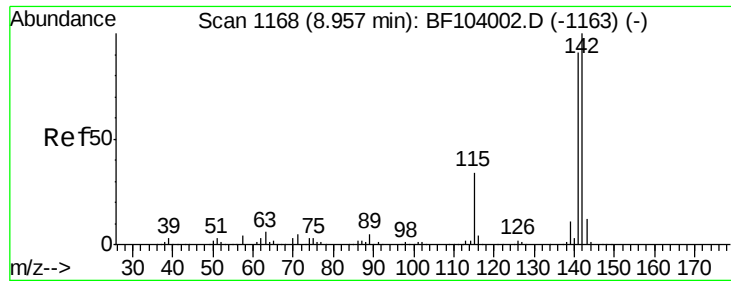
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#36
4-Chloro-3-methylphenol
Concen: 37.155 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion:107 Resp: 250357
Ion Ratio Lower Upper
107 100
144 24.9 20.5 30.7
142 80.2 62.0 93.0





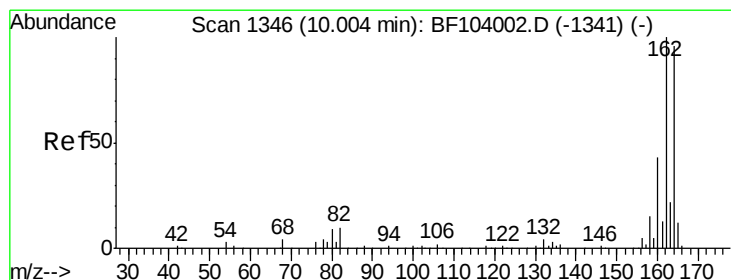
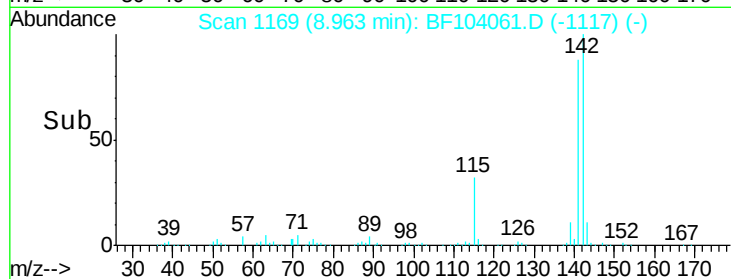
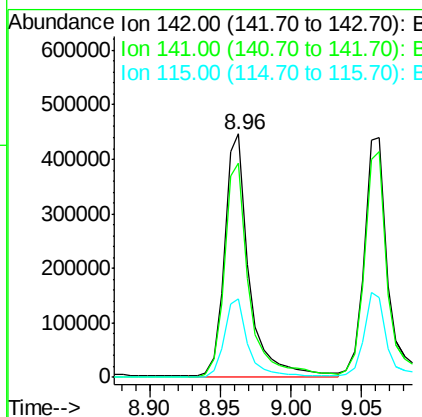
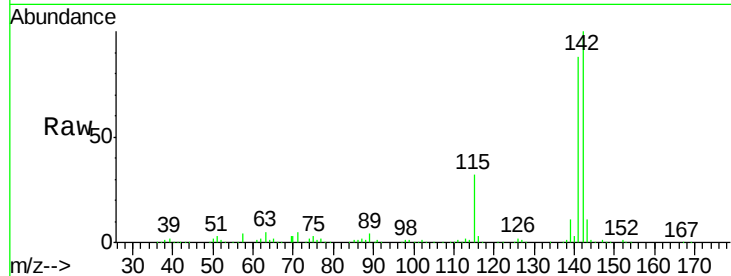
#37
2-Methylnaphthalene
Concen: 35.741 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	32.4	26.1	39.1

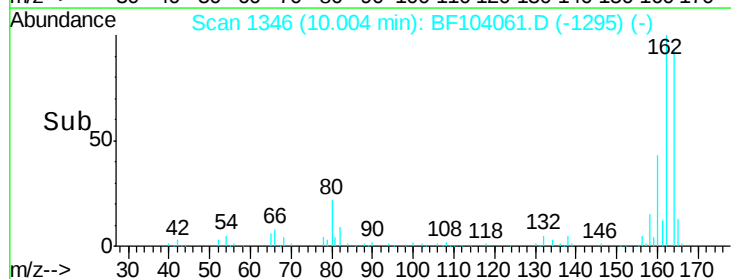
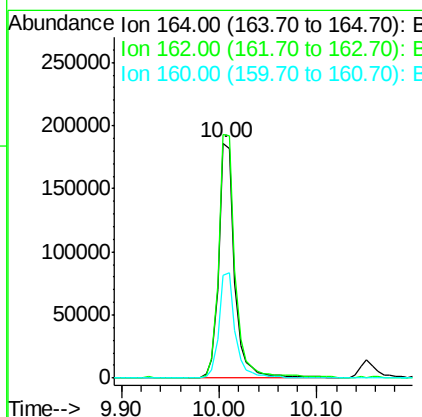
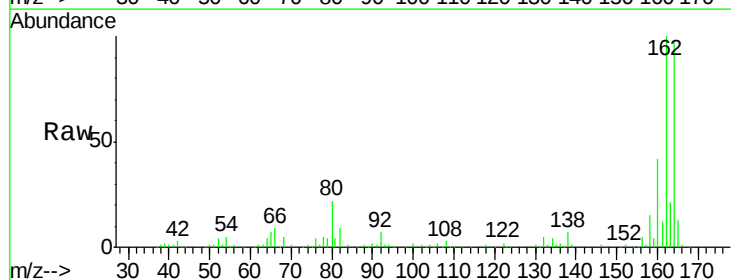
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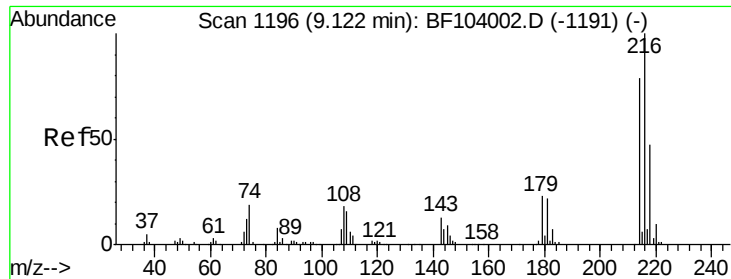
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	44.0	38.3	57.5





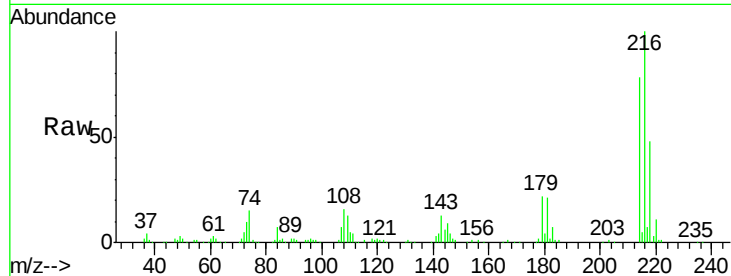
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.599 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

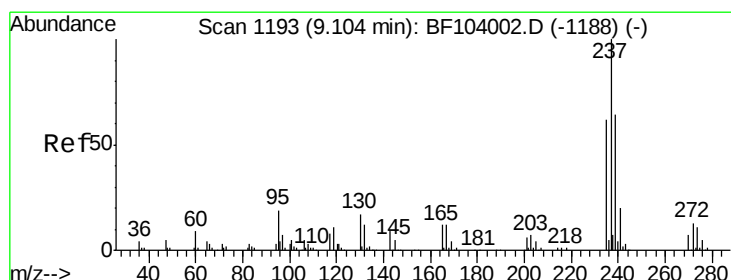
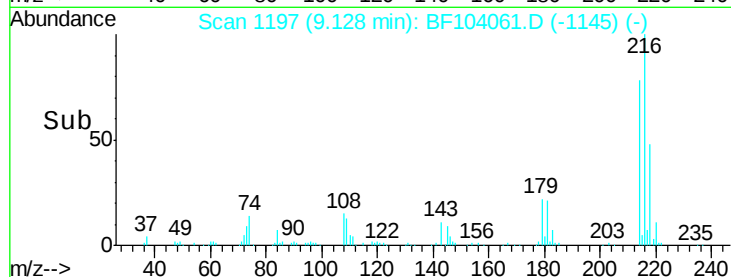
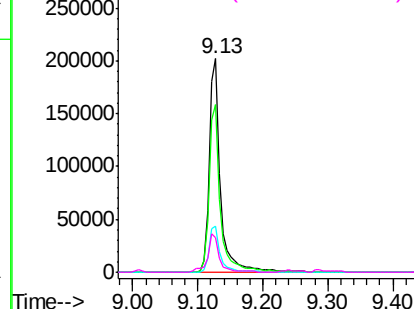
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		240520		
214	79.1		63.0	94.4	
179	21.7		18.1	27.1	
108	18.7		17.2	25.8	

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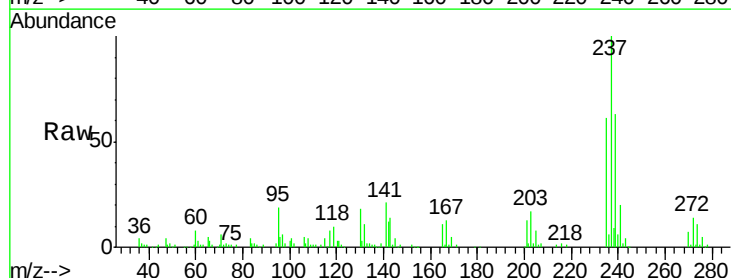


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

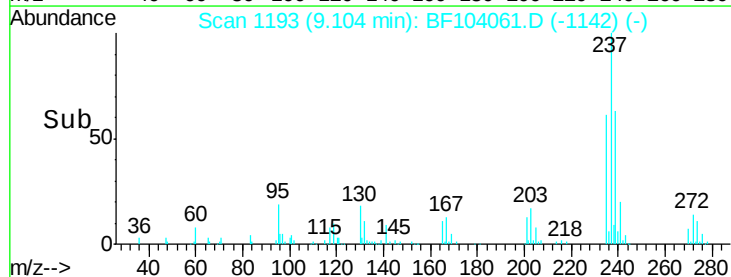
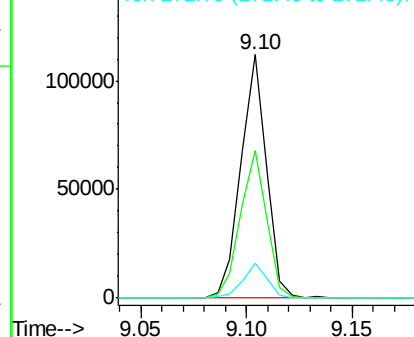


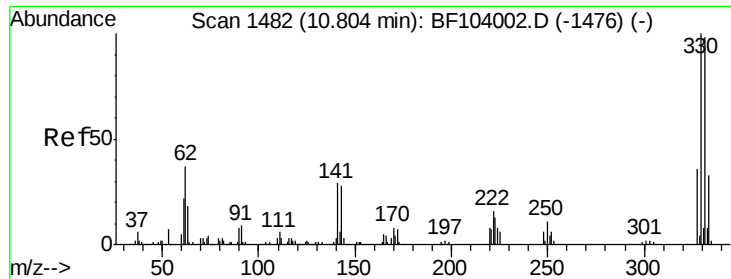
#40
 Hexachlorocyclopentadiene
 Concen: 33.555 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		93427		
235	60.6		44.8	84.8	
272	14.2		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





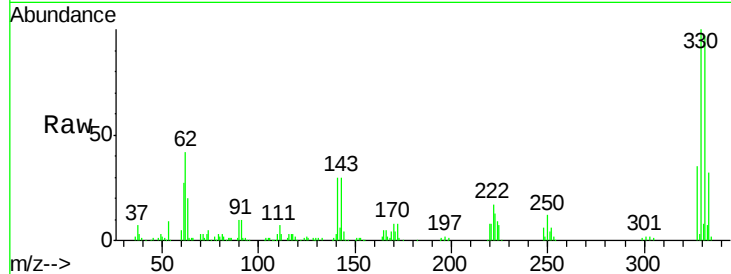
#41
 2,4,6-Tribromophenol
 Concen: 100.063 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampled :
 PB107795BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	238784		
332	96.2		77.0	115.6
141	30.2		29.9	44.9

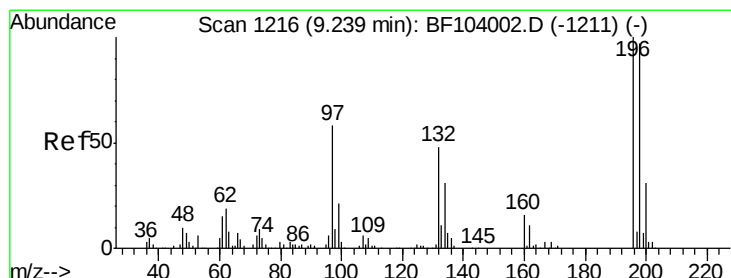
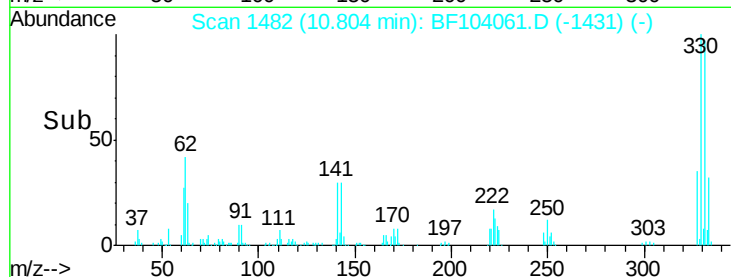
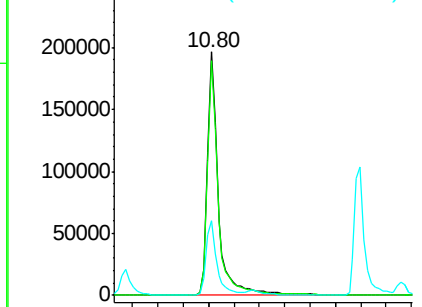
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Abundance

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

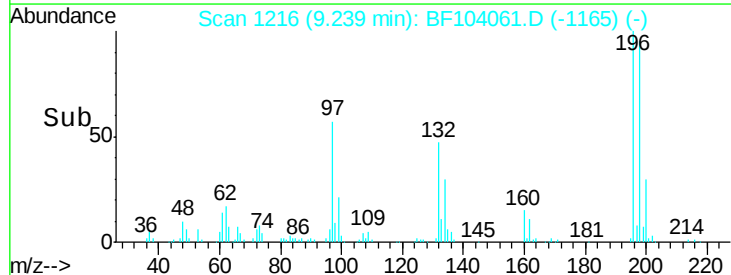
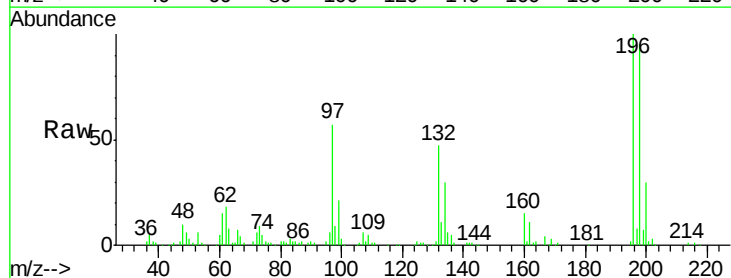
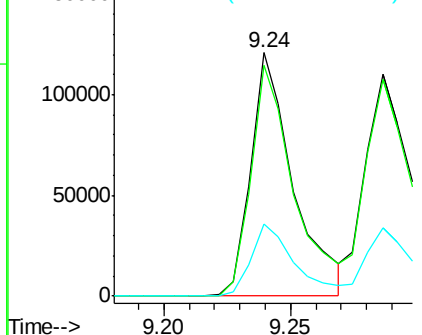


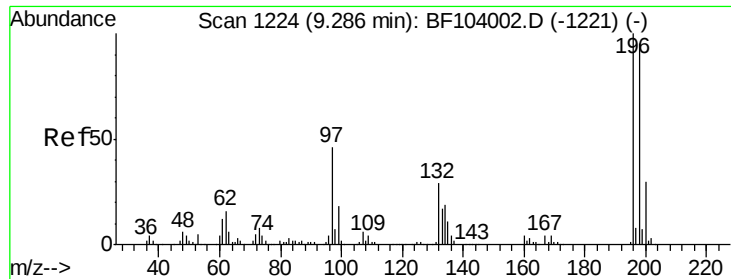
#42
 2,4,6-Trichlorophenol
 Concen: 33.918 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141145		
198	94.8		75.7	113.5
200	29.5		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





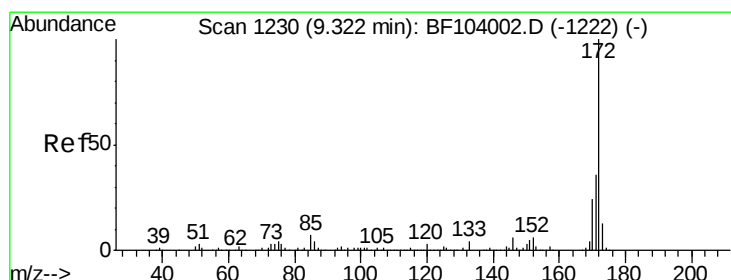
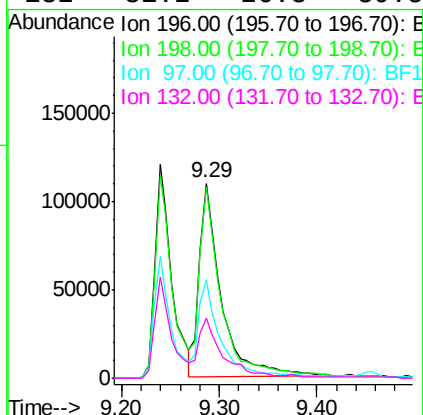
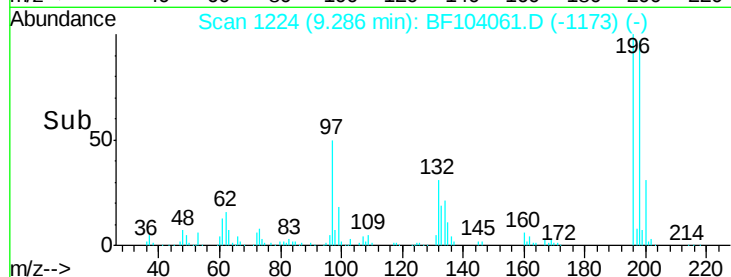
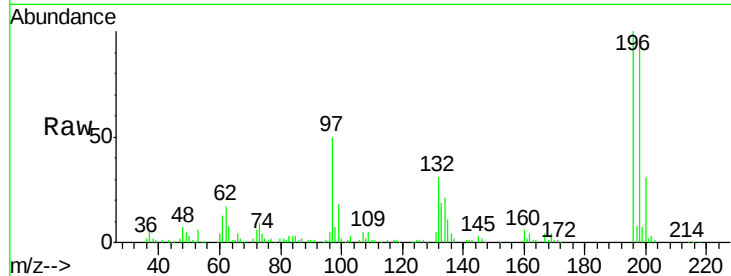
#43
 2,4,5-Trichlorophenol
 Concen: 34.316 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		172421		
198	97.4	74.6	112.0		
97	50.3	42.9	64.3		
132	31.2	26.3	39.5		

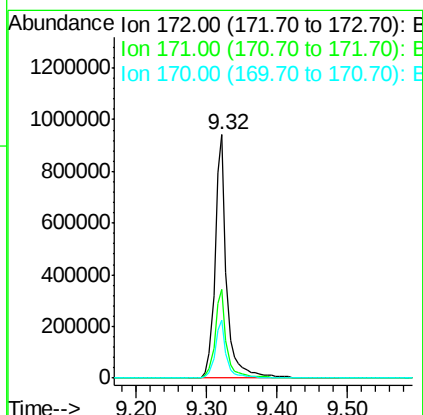
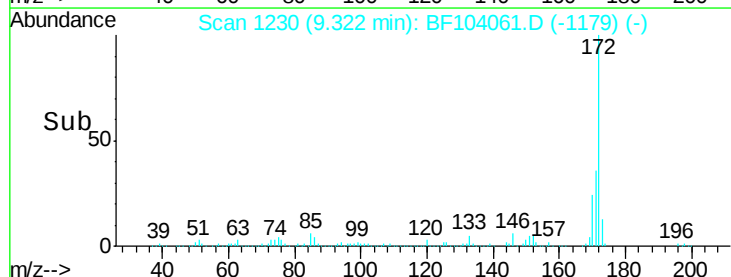
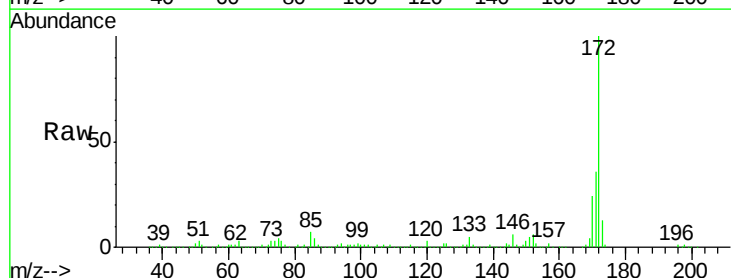
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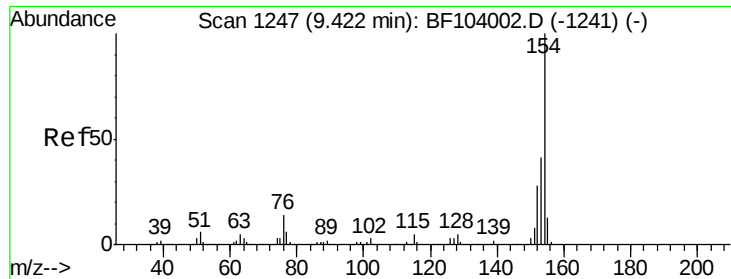
Sohil
 3/30/2018 6:01:28 PM



#44
 2-Fluorobiphenyl
 Concen: 80.139 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1089122		
171	36.2	29.7	44.5		
170	23.7	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 35.933 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

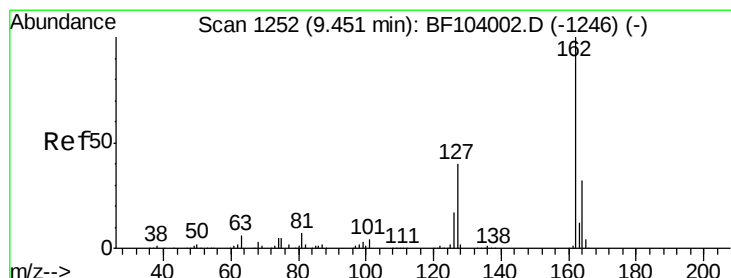
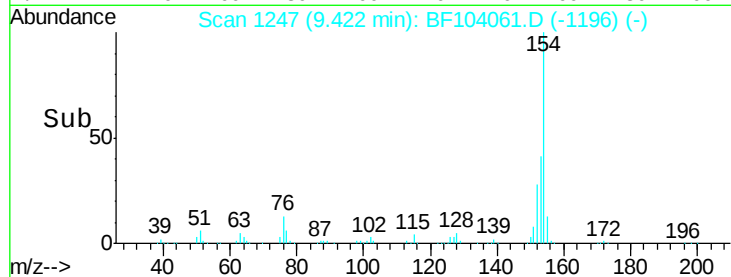
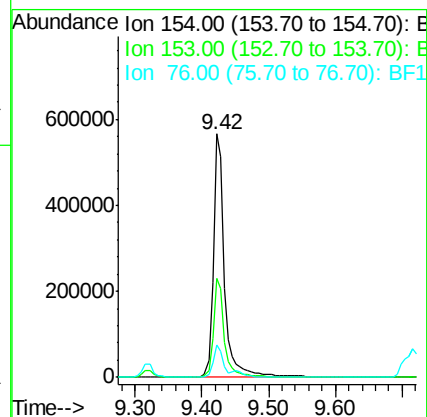
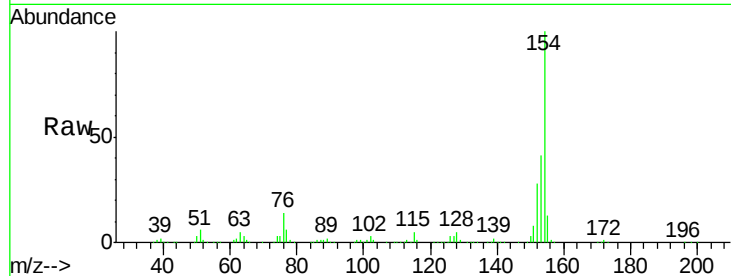
ClientSampleId :

PB107795BS

Tot Ion:	154	Resp:	660928
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	13.5	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 35.293 ng

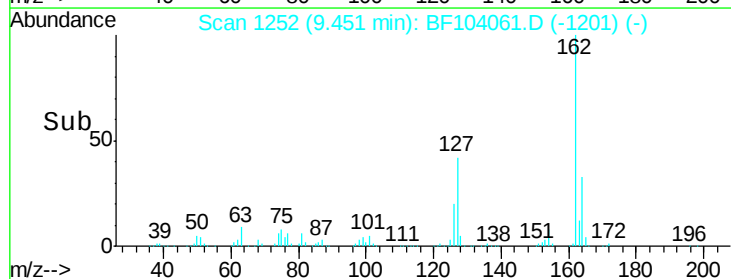
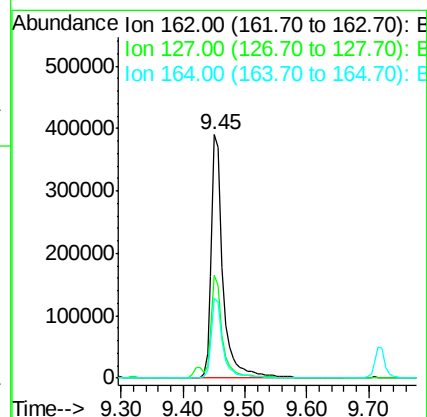
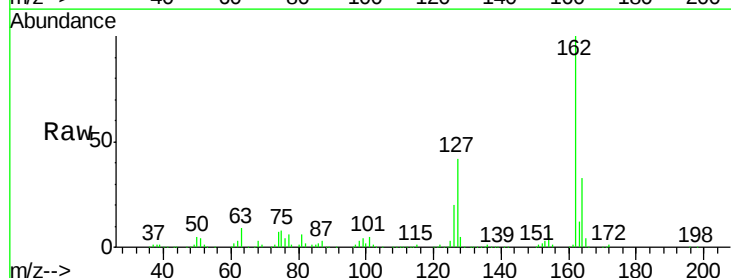
RT: 9.45 min Scan# 1252

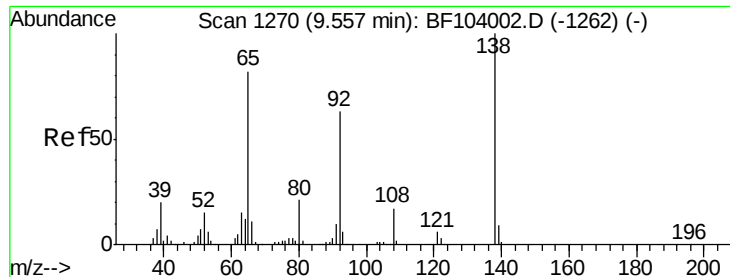
Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	162	Resp:	512060
Ion Ratio	Lower	Upper	
162	100		
127	42.5	33.9	50.9
164	32.7	26.5	39.7





#47

2-Nitroaniline

Concen: 35.002 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

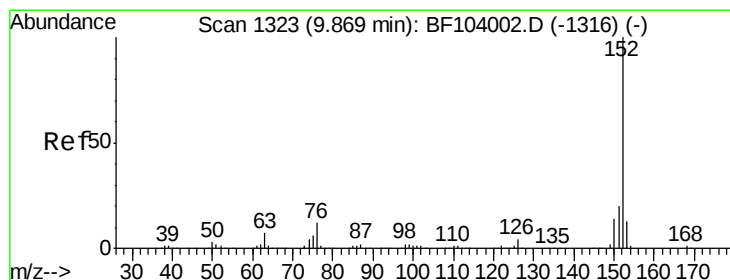
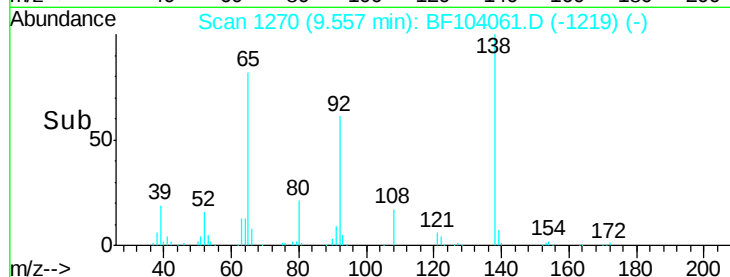
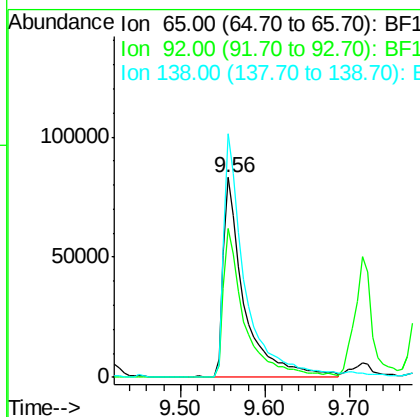
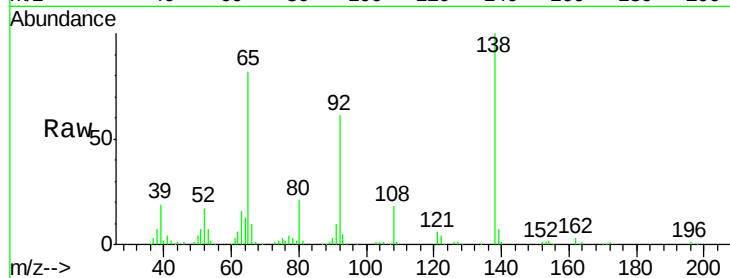
ClientSampleId :

PB107795BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
65	100		144812		
92	74.5	55.8	83.6		
138	121.7	91.2	136.8		

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#48

Acenaphthylene

Concen: 34.230 ng

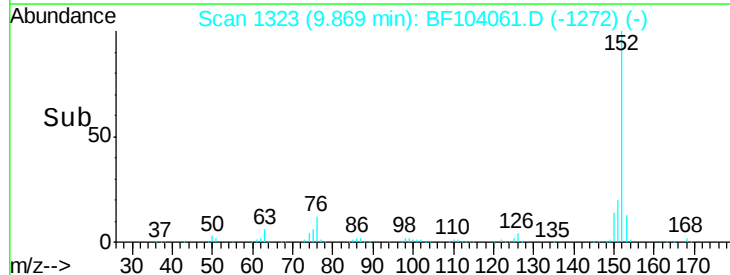
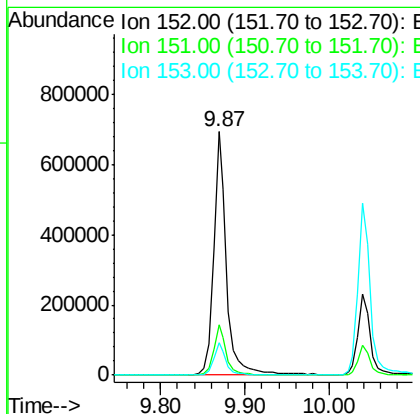
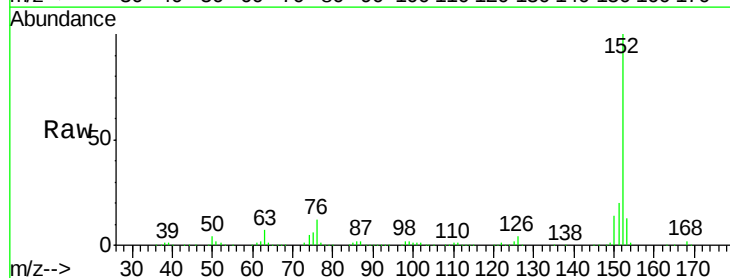
RT: 9.87 min Scan# 1323

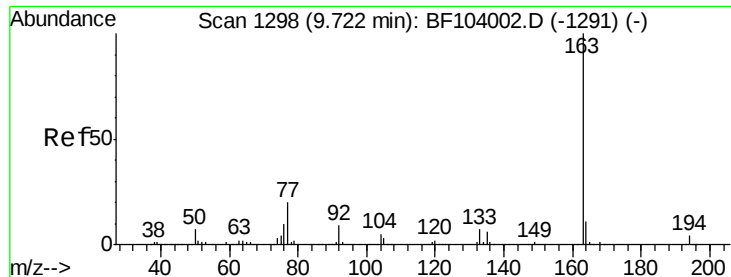
Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		752411		
151	20.5	16.3	24.5		
153	13.2	10.7	16.1		





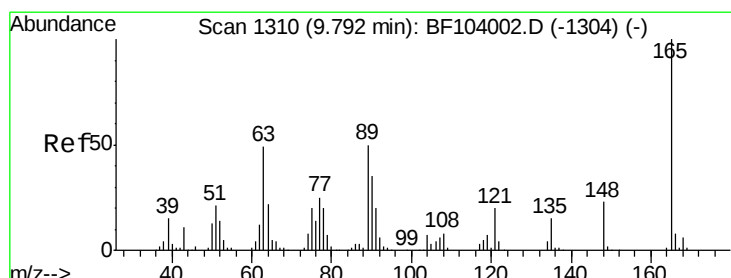
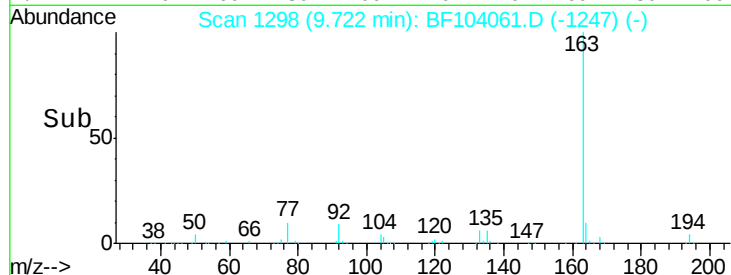
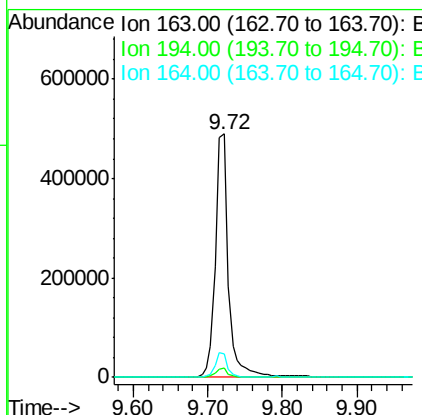
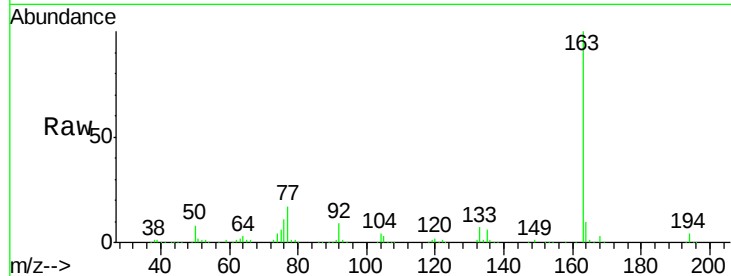
#49
Dimethylphthalate
Concen: 35.384 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	598717		
194	3.8		2.7	4.1
164	9.9		8.2	12.2

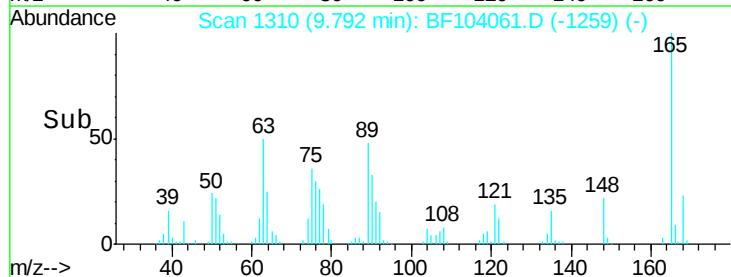
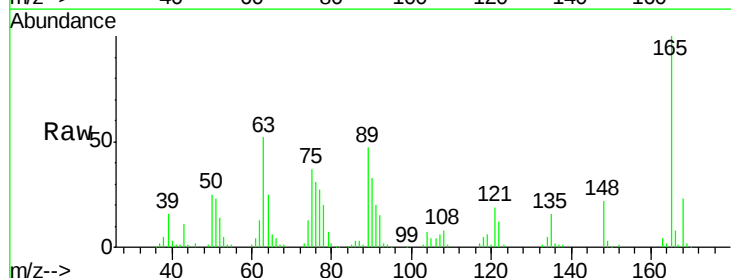
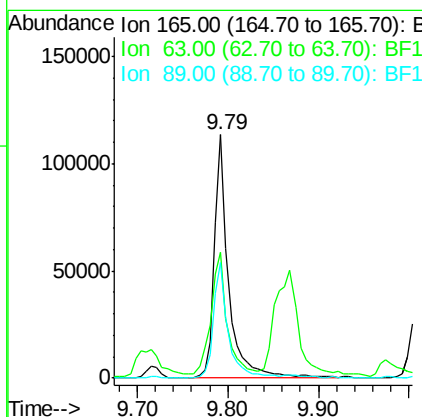
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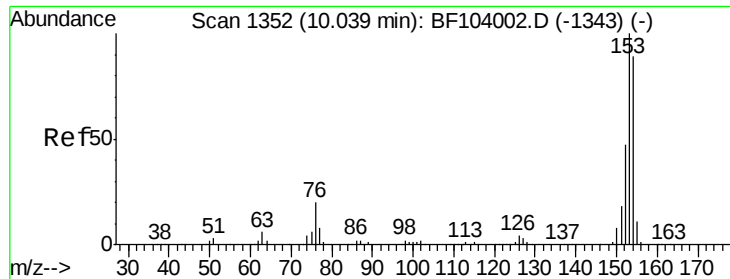
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#50
2,6-Dinitrotoluene
Concen: 34.483 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125529		
63	51.5		44.7	67.1
89	47.5		44.0	66.0





#51

Acenaphthene

Concen: 32.949 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

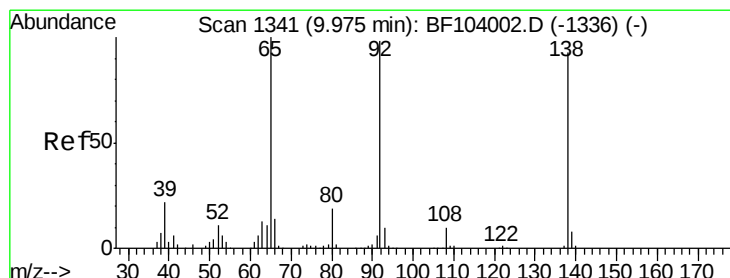
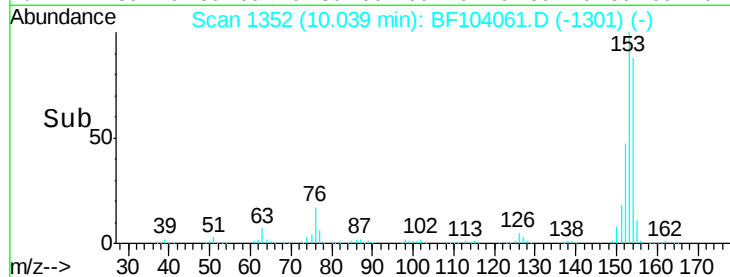
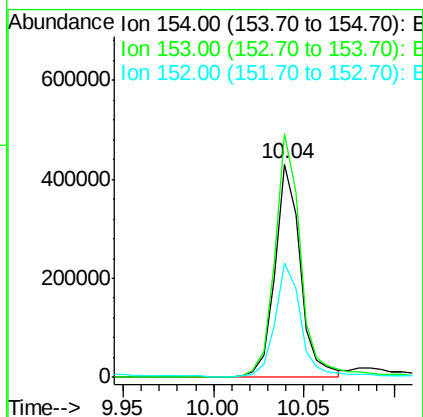
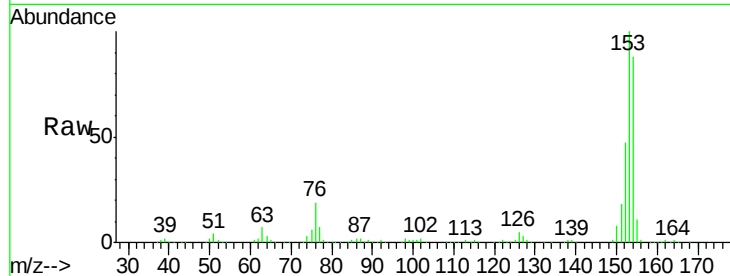
ClientSampleId :

PB107795BS

Tot Ion:	154	Resp:	418972
Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	53.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 21.761 ng

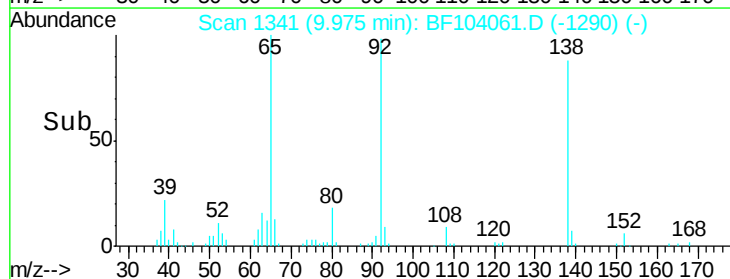
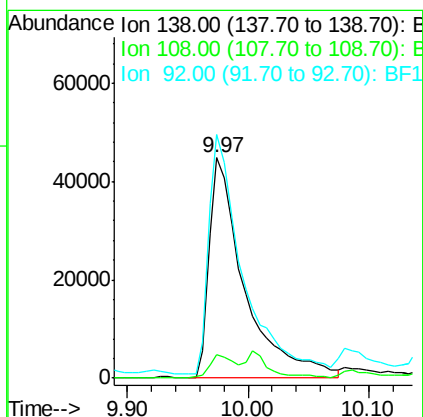
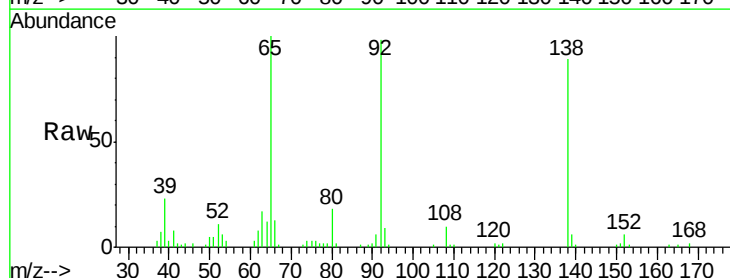
RT: 9.97 min Scan# 1341

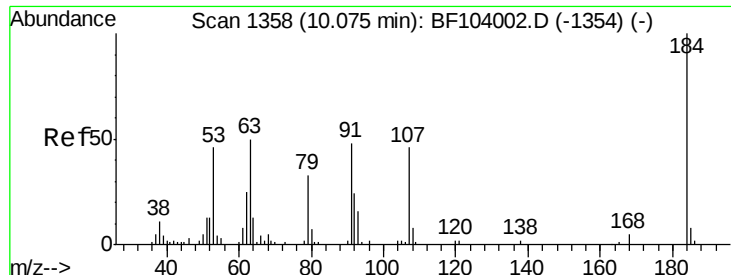
Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	138	Resp:	91063
Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	110.4	89.4	134.2





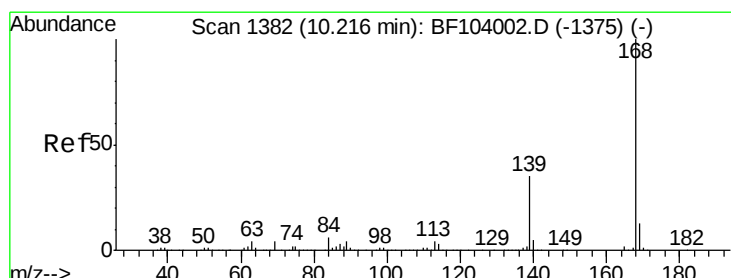
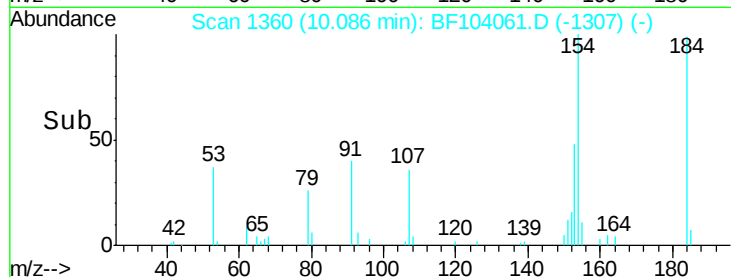
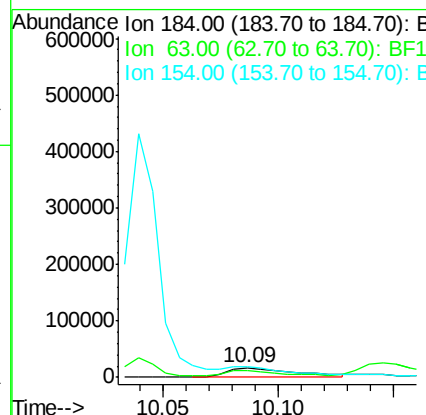
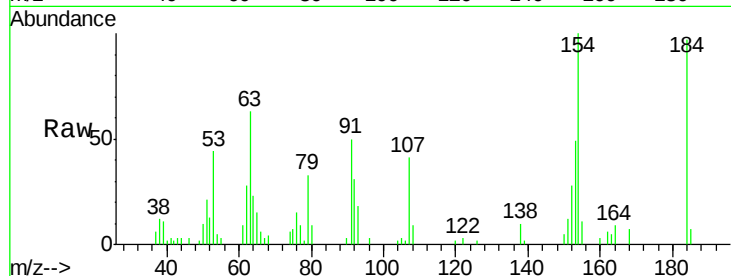
#53
 2,4-Dinitrophenol
 Concen: 26.526 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampled :
 PB107795BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	35793		
63	64.4	54.2	81.2	
154	102.6	184.0	276.0	

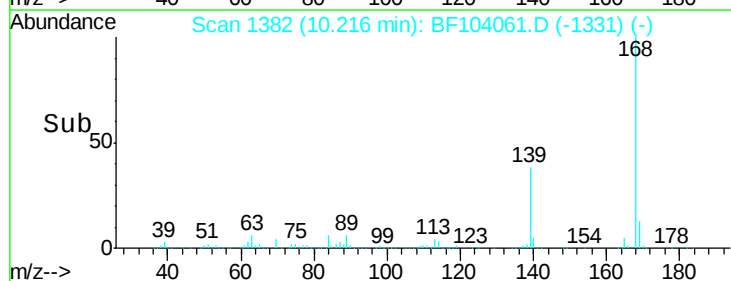
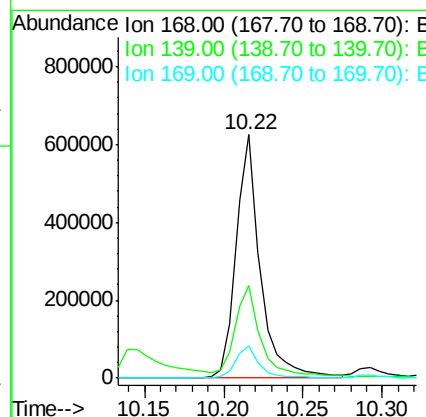
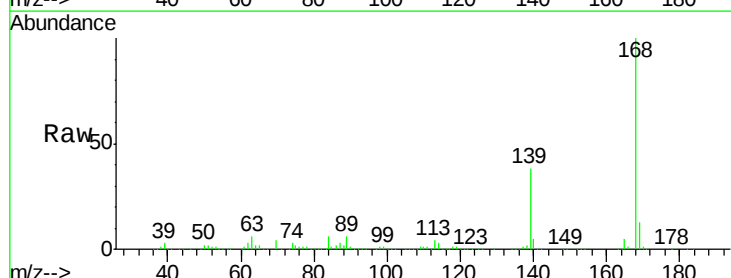
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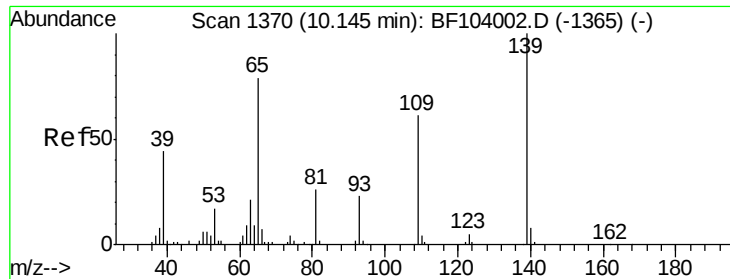
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 3/30/2018 6:01:28 PM



#54
 Dibenzofuran
 Concen: 35.669 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	662327		
139	38.1	30.1	45.1	
169	13.3	10.9	16.3	





#55

4-Nitrophenol

Concen: 58.143 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

ClientSampleId :

PB107795BS

Tot Ion:139 Resp: 145888

Ion Ratio Lower Upper

139 100

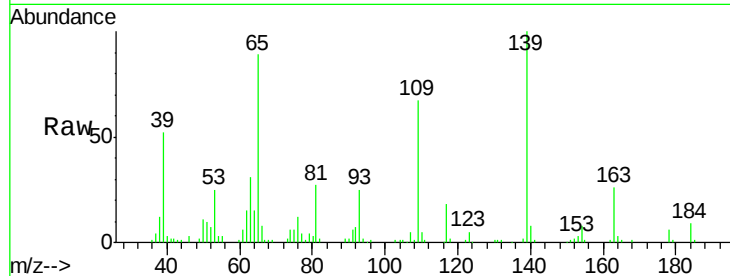
109 66.7 48.4 88.4

65 89.2 72.6 112.6

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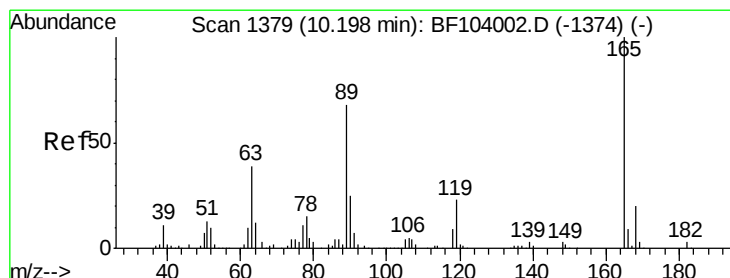
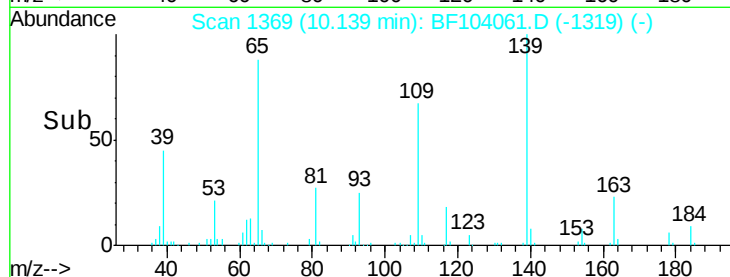
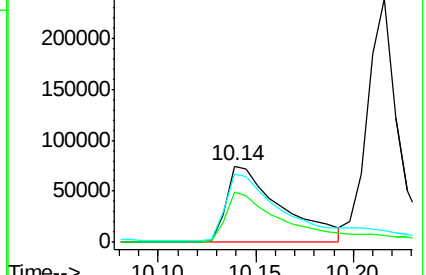
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 34.302 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:165 Resp: 159338

Ion Ratio Lower Upper

165 100

63 43.7 36.4 54.6

89 65.4 57.8 86.6

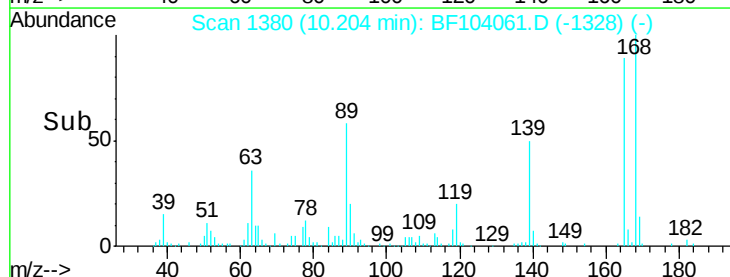
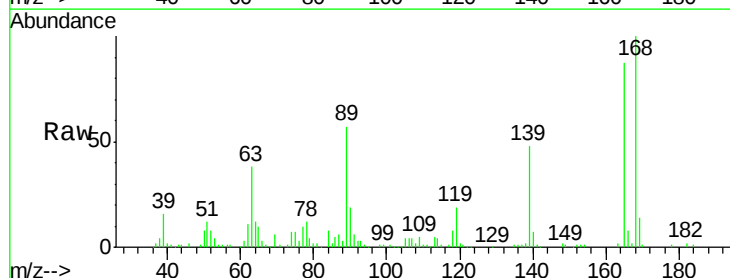
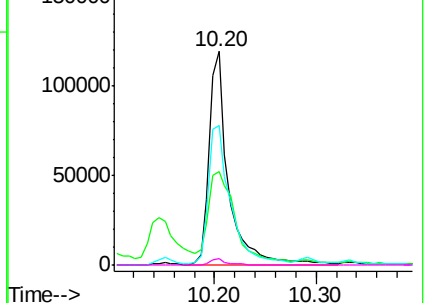
182 2.9 1.6 2.4#

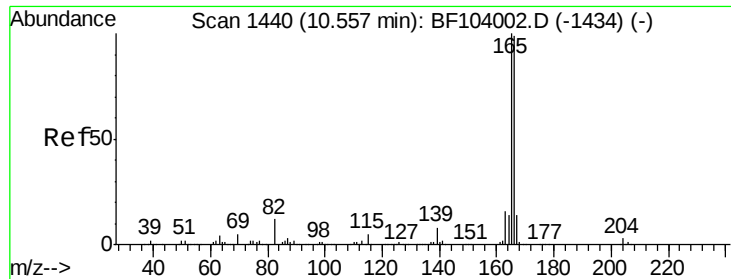
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.289 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

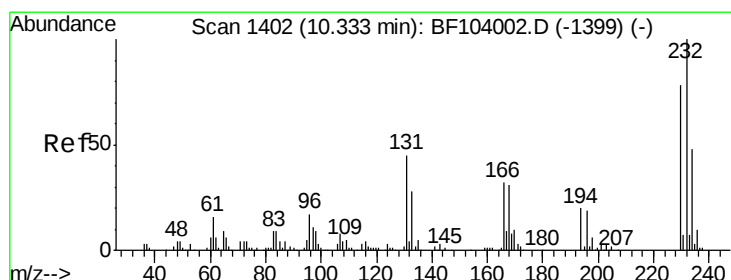
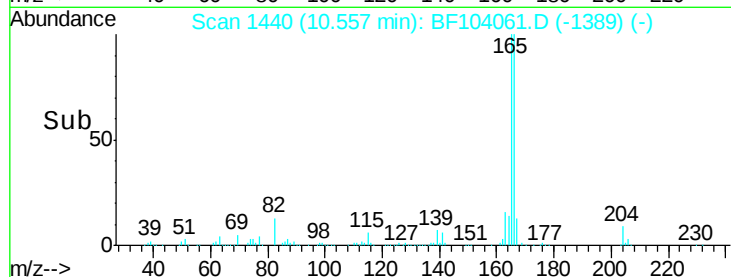
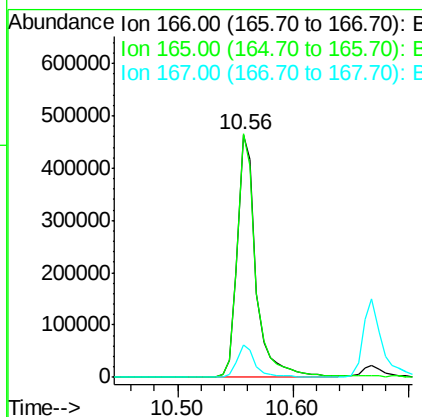
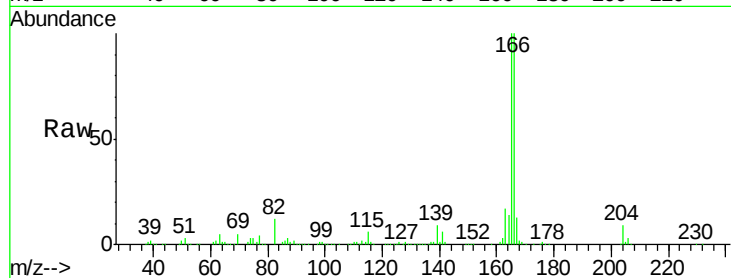
ClientSampleId :

PB107795BS

Tot Ion:	166	Resp:	525211
Ion Ratio	Lower	Upper	
166	100		
165	100.3	79.8	119.8
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.464 ng

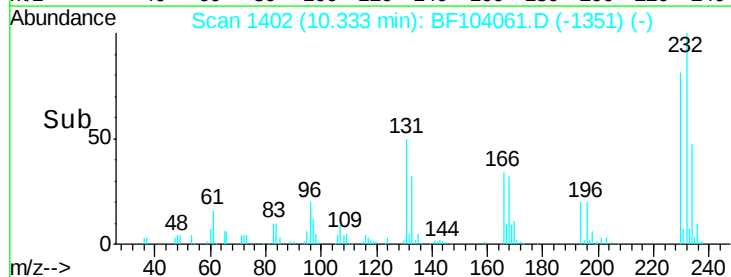
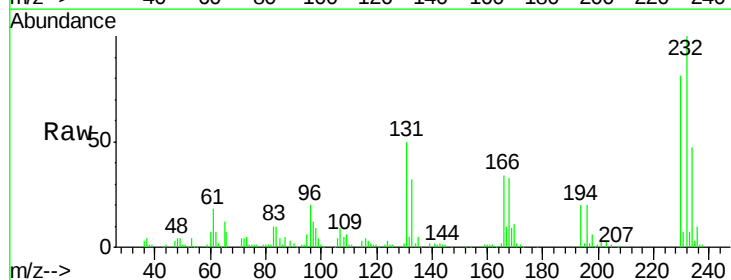
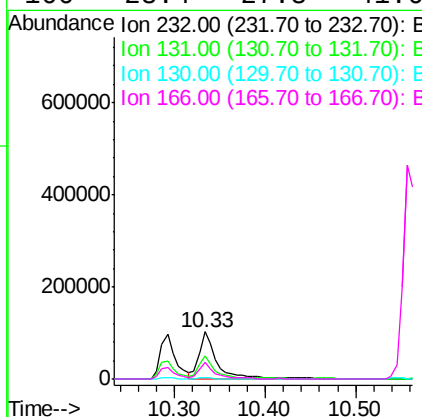
RT: 10.33 min Scan# 1402

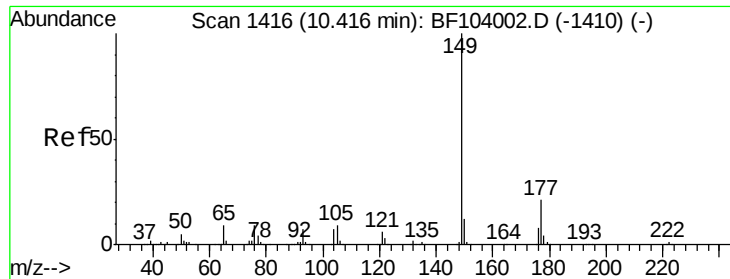
Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	232	Resp:	137267
Ion Ratio	Lower	Upper	
232	100		
131	43.2	43.8	65.8#
130	1.9	2.1	3.1#
166	28.4	27.8	41.6





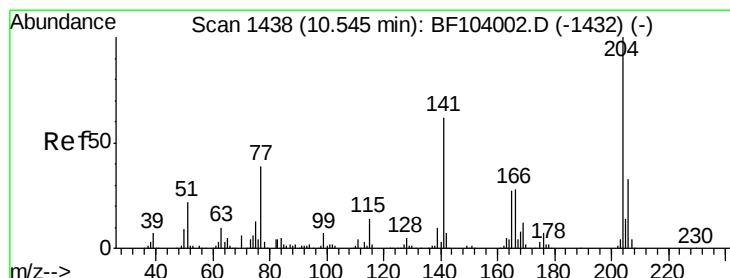
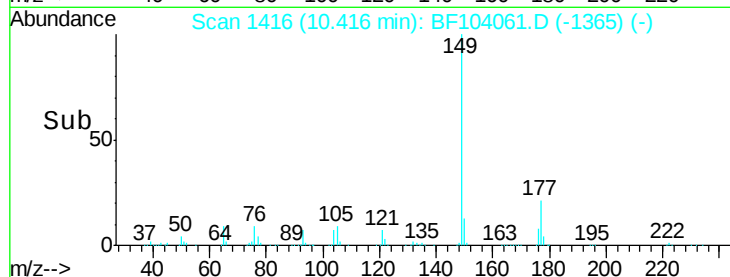
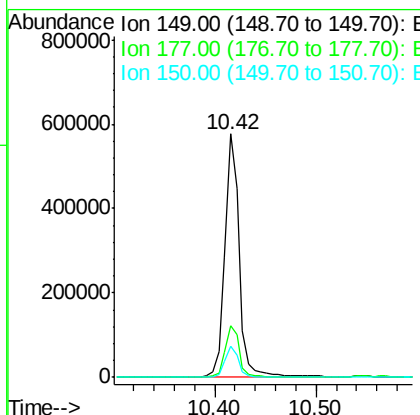
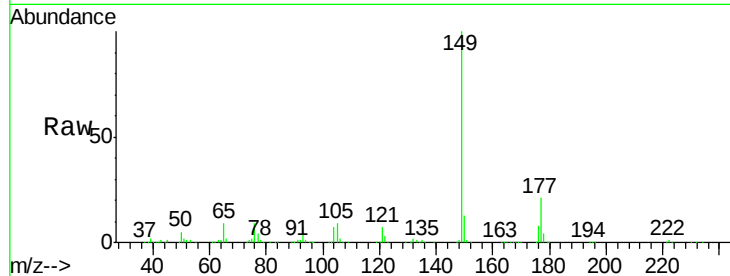
#59
Diethylphthalate
Concen: 35.071 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	568483		
177	21.1		16.1	24.1
150	12.6		10.1	15.1

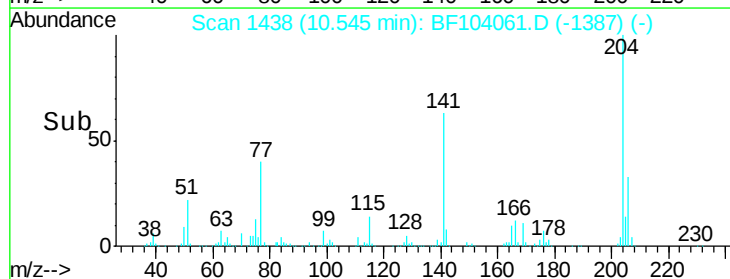
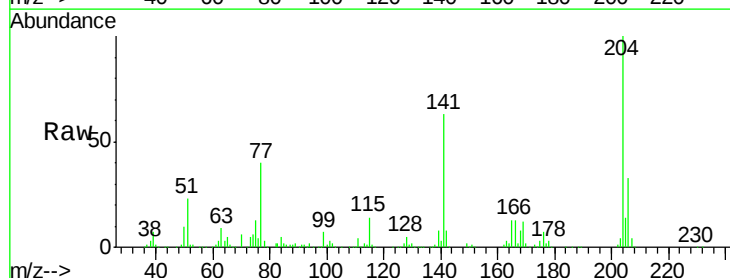
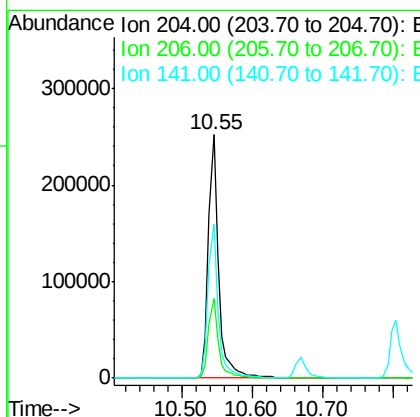
Manual Integrations
APPROVED

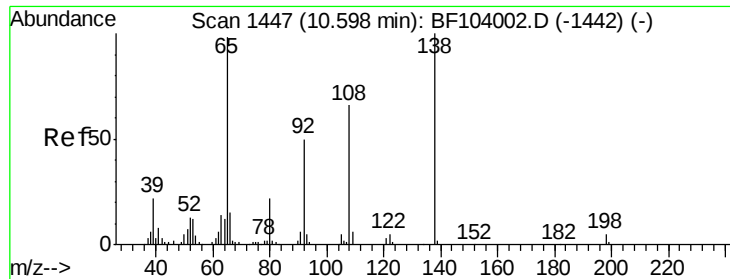
Sohil
3/30/2018 6:01:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.183 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	254549		
206	32.6		26.5	39.7
141	63.1		54.6	81.8





#61

4-Nitroaniline

Concen: 28.663 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

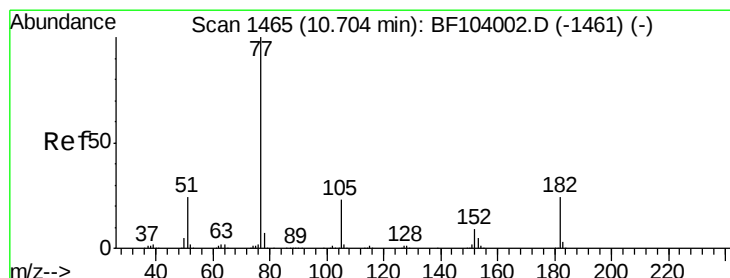
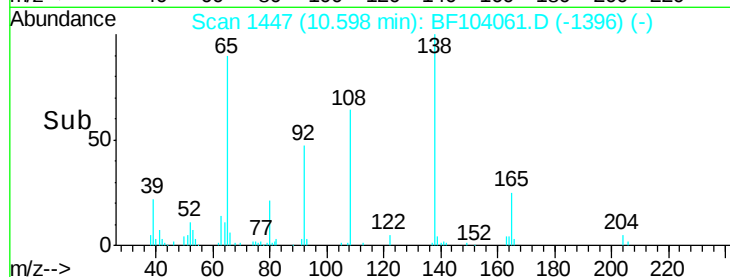
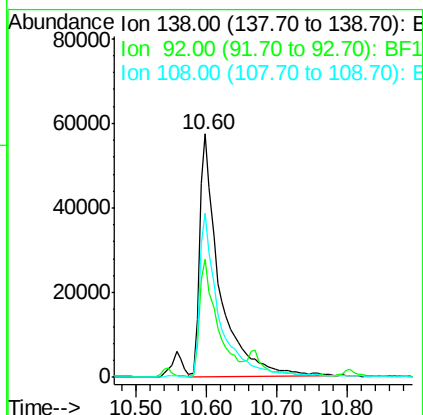
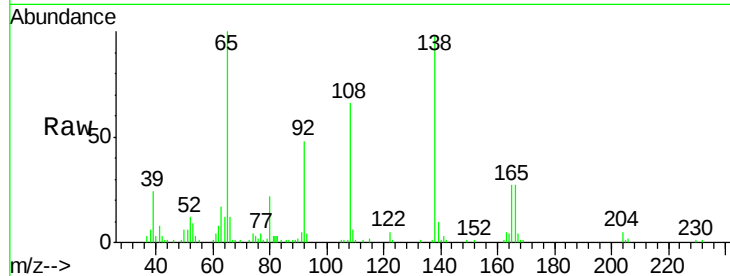
ClientSampleId :

PB107795BS

Tot Ion:	138	Resp:	112232
Ion Ratio	Lower	Upper	
138	100		
92	48.4	30.2	70.2
108	67.5	52.5	92.5

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3/30/2018 6:01:28 PM



#62

Azobenzene

Concen: 34.681 ng

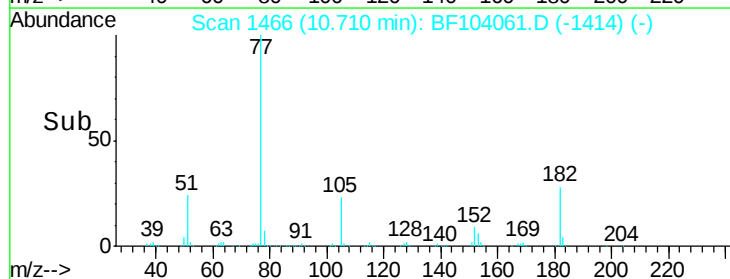
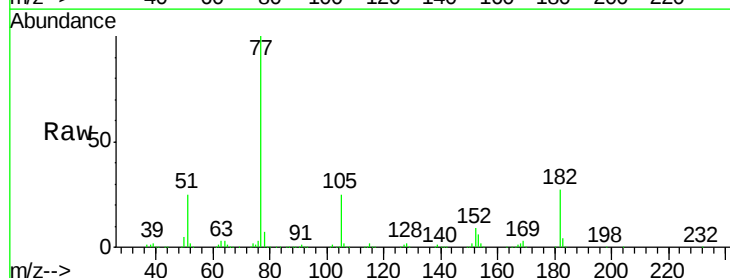
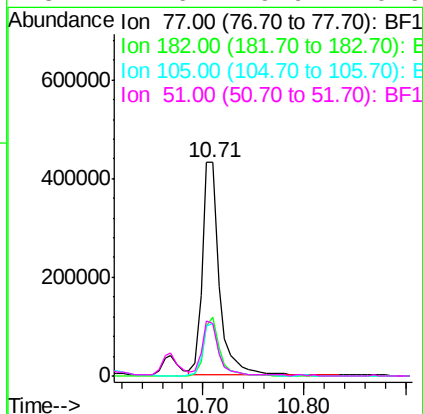
RT: 10.71 min Scan# 1466

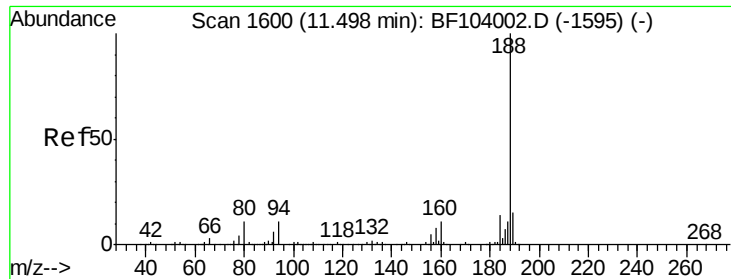
Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	77	Resp:	508323
Ion Ratio	Lower	Upper	
77	100		
182	27.3	1.7	41.7
105	24.6	3.0	43.0
51	24.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

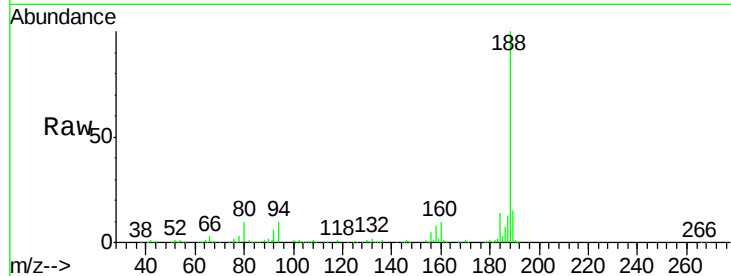
ClientSampleId :

PB107795BS

Tot Ion:	188	Resp:	362656
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.5	12.7
80	10.4	9.2	13.8

Manual Integrations
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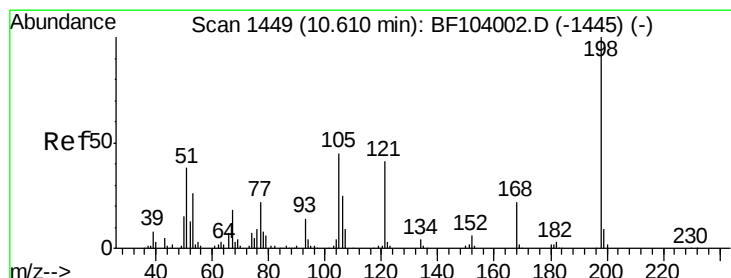
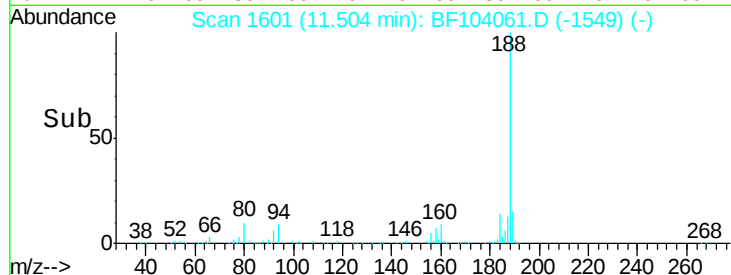
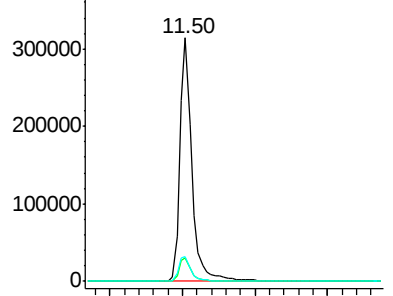
Sohil
3/30/2018 6:01:28 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 16.158 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF104061.D

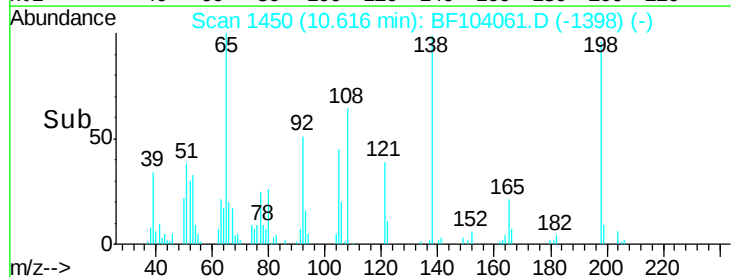
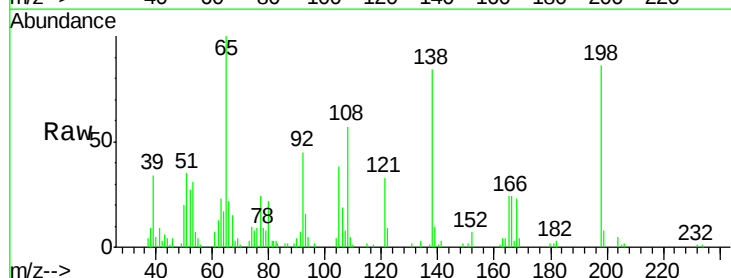
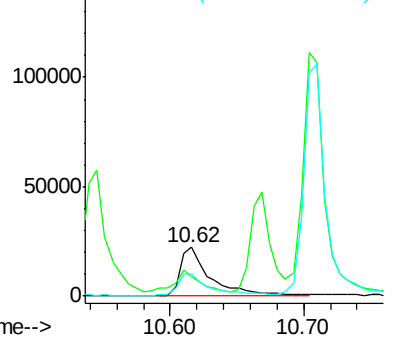
Acq: 29 Mar 2018 19:47

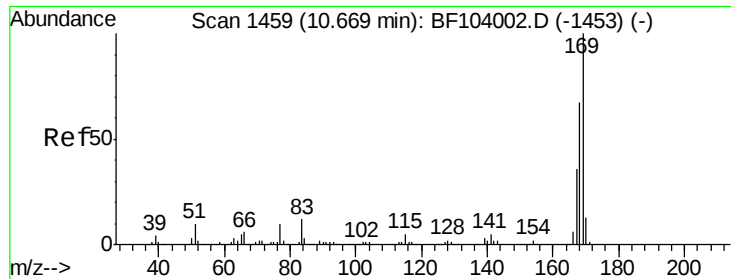
Tgt Ion:	198	Resp:	35470
Ion Ratio	Lower	Upper	
198	100		
51	40.8	37.7	77.7
105	44.5	36.3	76.3

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





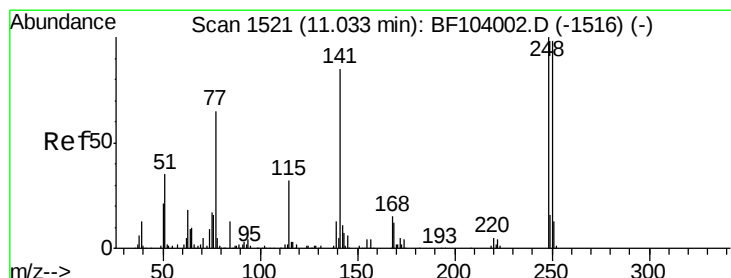
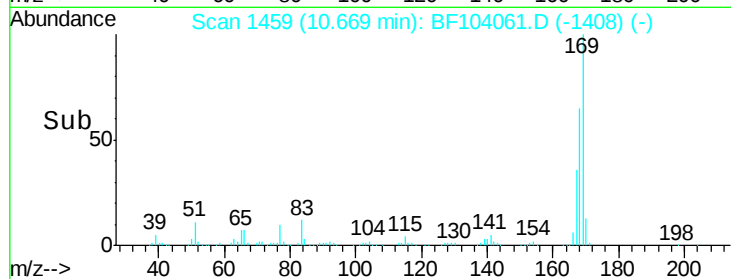
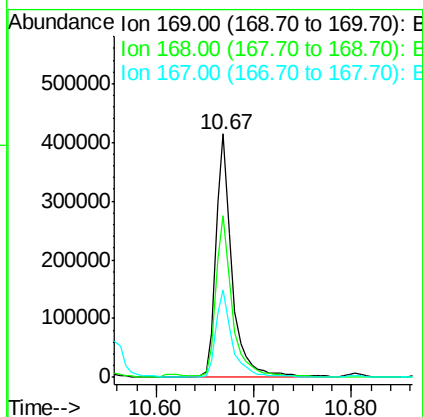
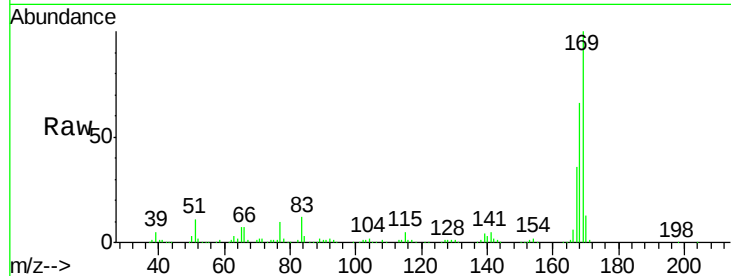
#65
n-Nitrosodiphenylamine
Concen: 38.433 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampled :
PB107795BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	472035		
168	66.4		54.4	81.6
167	36.1		29.8	44.6

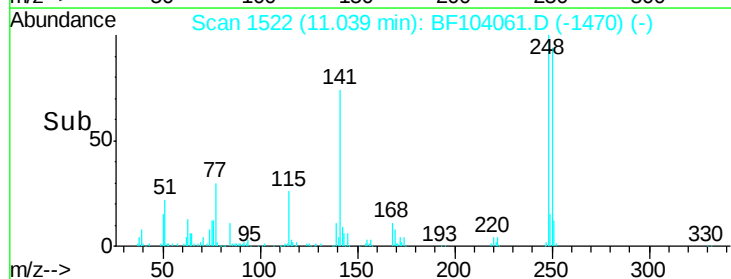
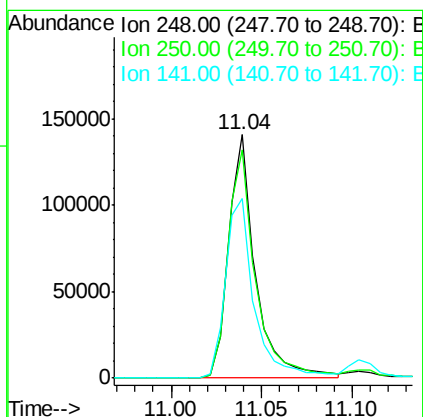
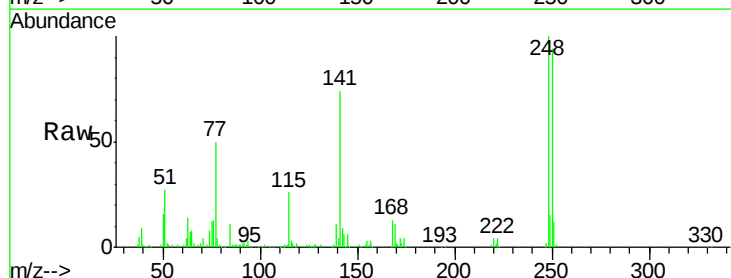
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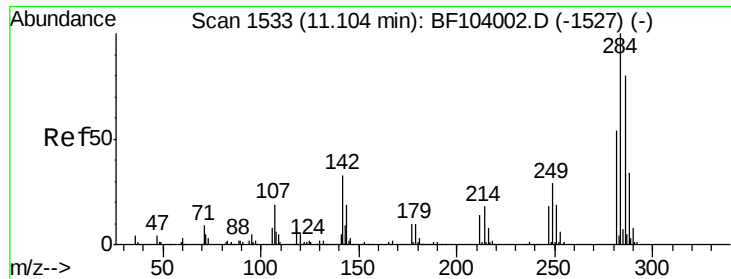
Sohil
3/30/2018 6:01:28 PM



#66
4-Bromophenyl-phenylether
Concen: 37.594 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	145861		
250	93.7		76.9	115.3
141	73.6		74.4	111.6#





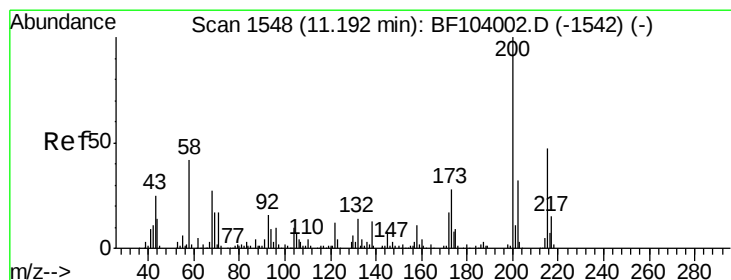
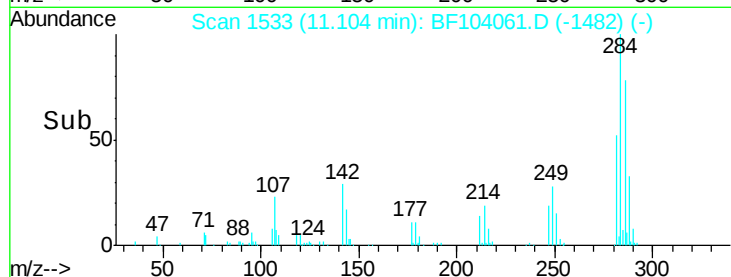
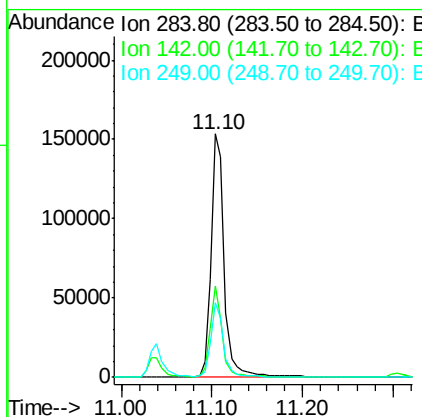
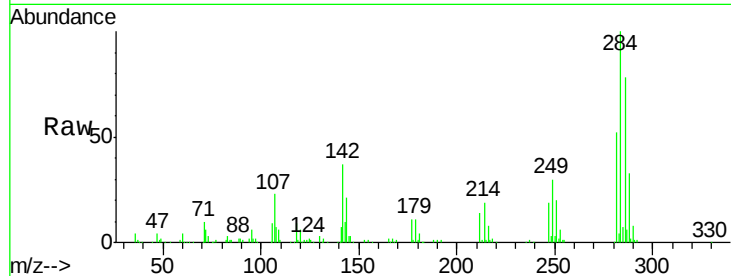
#67
Hexachlorobenzene
Concen: 35.505 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	158460		
142	37.5	34.6	52.0	
249	30.5	24.8	37.2	

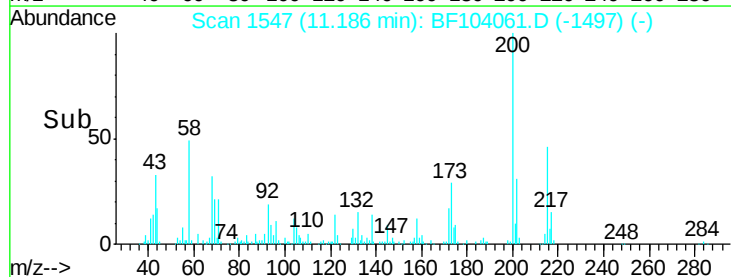
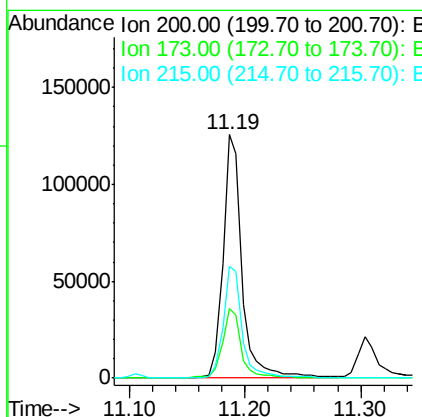
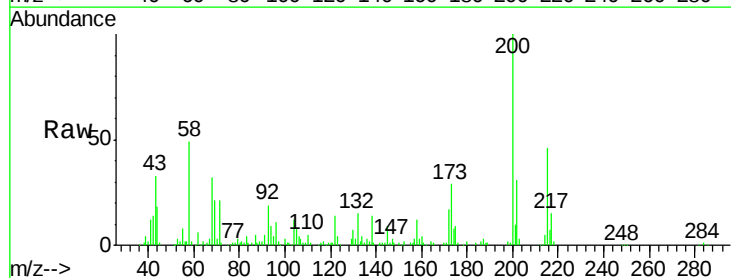
Manual Integrations
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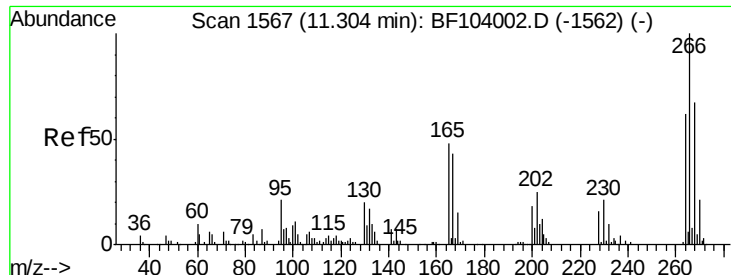
Sohil
3/30/2018 6:01:28 PM



#68
Atrazine
Concen: 37.800 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	142230		
173	28.7	8.6	48.6	
215	46.1	25.1	65.1	





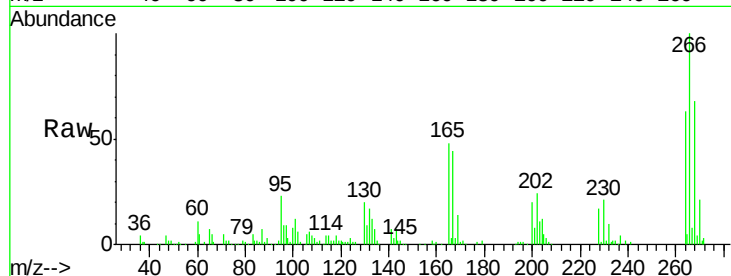
#69
 Pentachlorophenol
 Concen: 56.252 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	51.1	76.7
264	63.4	49.5	74.3

Manual Integrations
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Sohil
 3/30/2018 6:01:28 PM

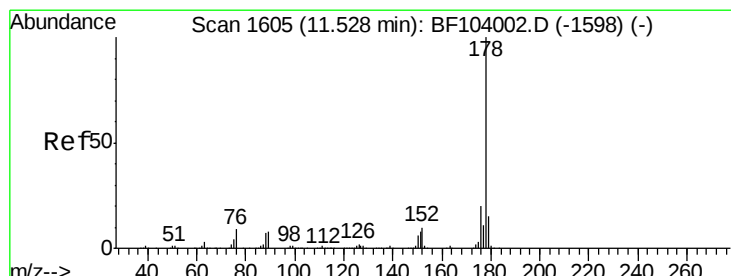
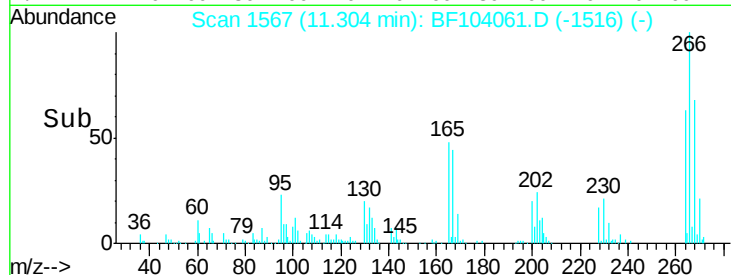
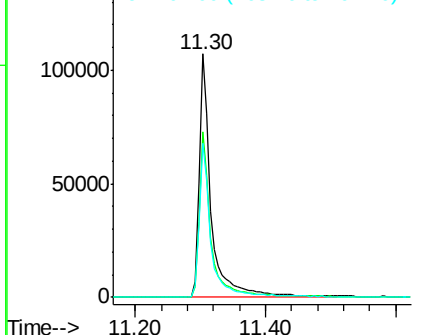


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 35.001 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

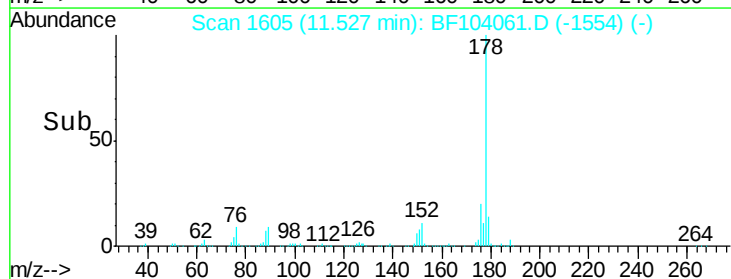
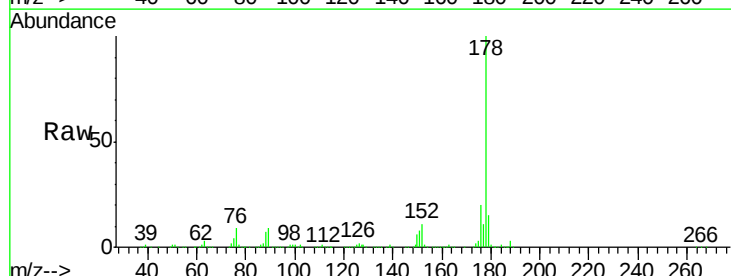
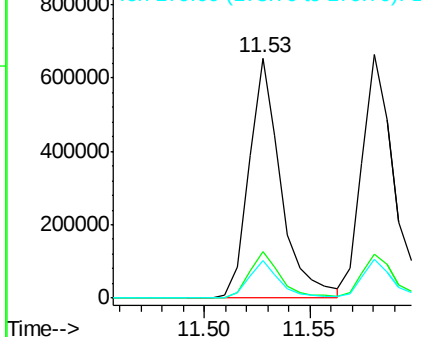
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6

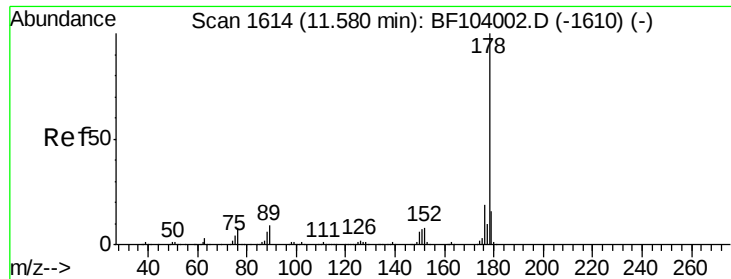
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





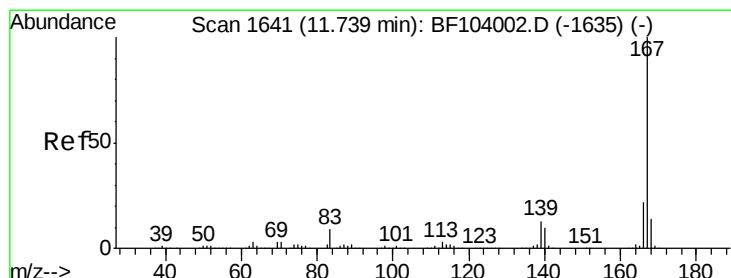
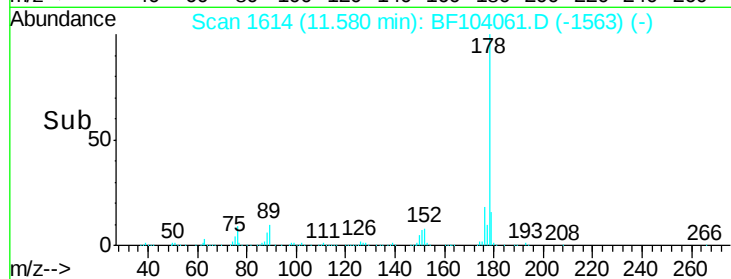
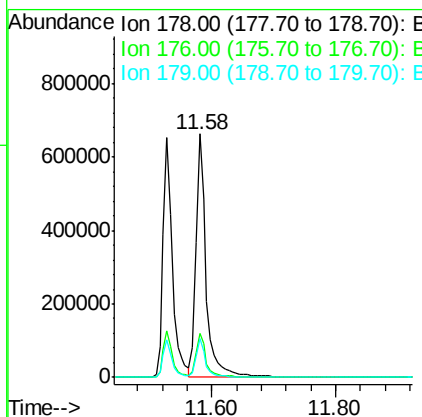
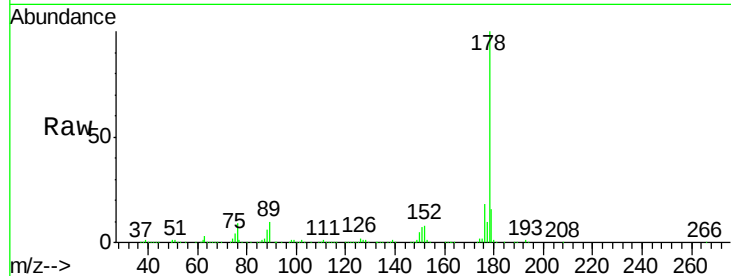
#71
 Anthracene
 Concen: 37.321 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	16.0	12.6	19.0

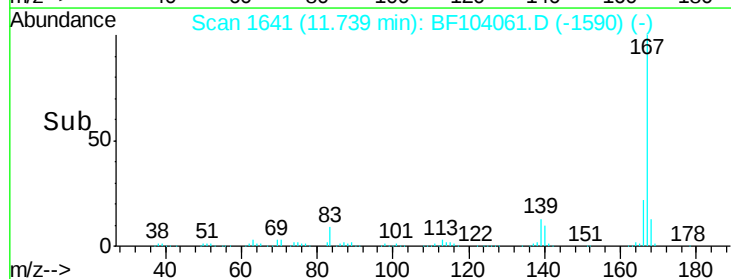
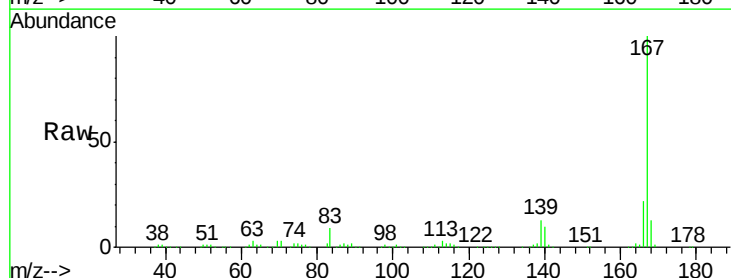
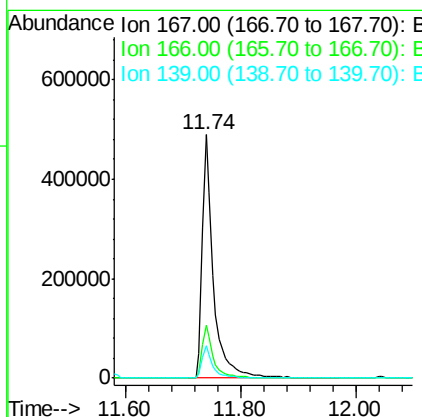
Manual Integrations
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 3/30/2018 6:01:28 PM



#72
 Carbazole
 Concen: 34.288 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.634 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

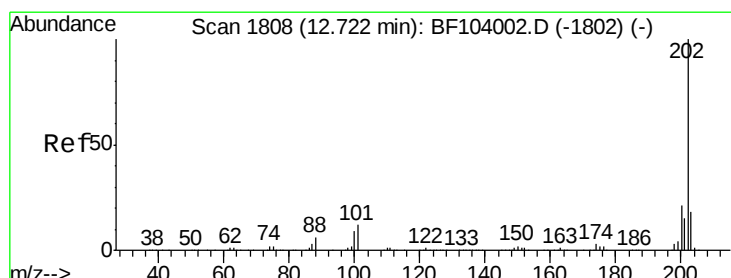
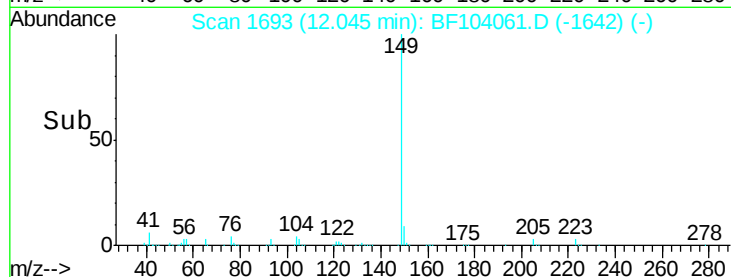
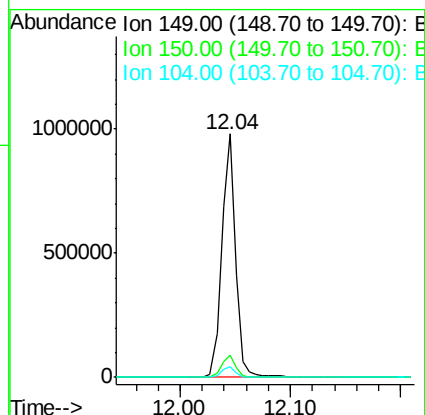
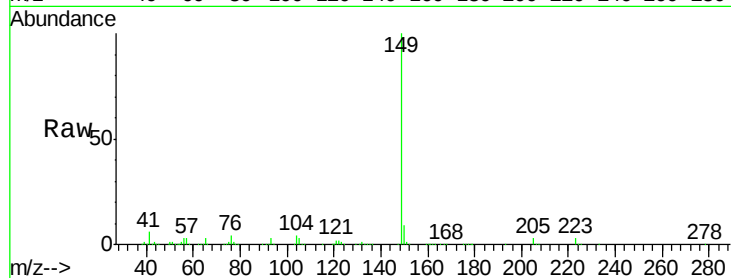
ClientSampled :

PB107795BS

Tot Ion:	149	Resp:	854163
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
APPROVED

Sohil
3/30/2018 6:01:28 PM



#74

Fluoranthene

Concen: 31.810 ng

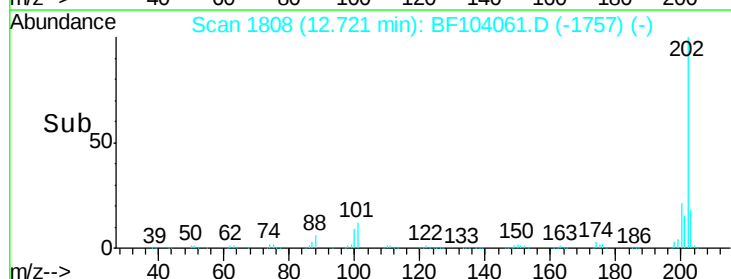
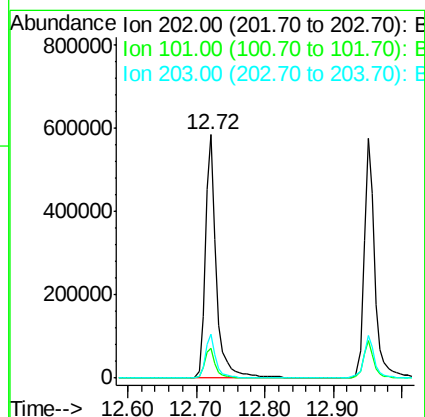
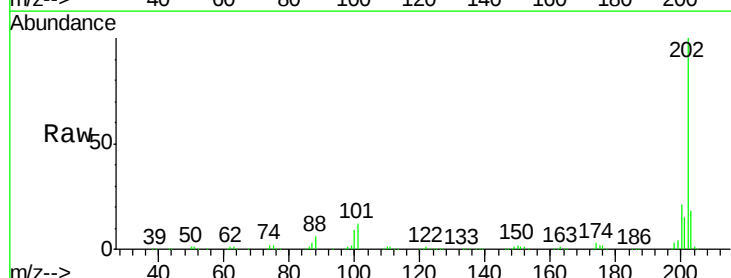
RT: 12.72 min Scan# 1808

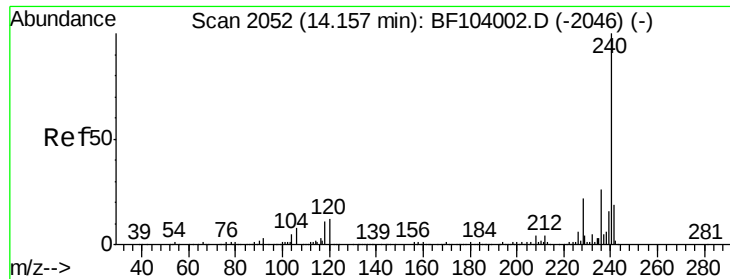
Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	202	Resp:	663893
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Instrument :

BNA_F

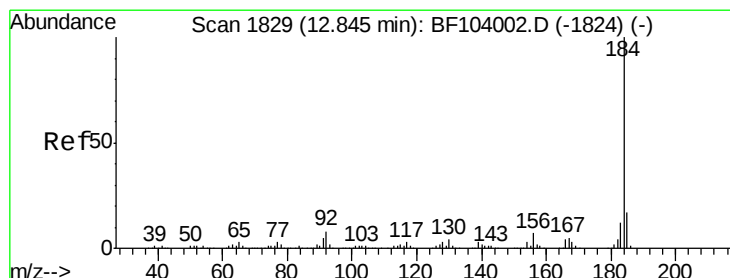
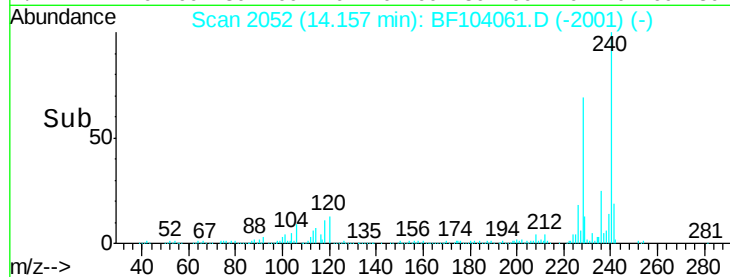
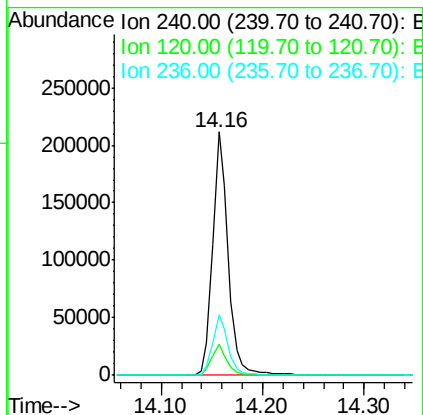
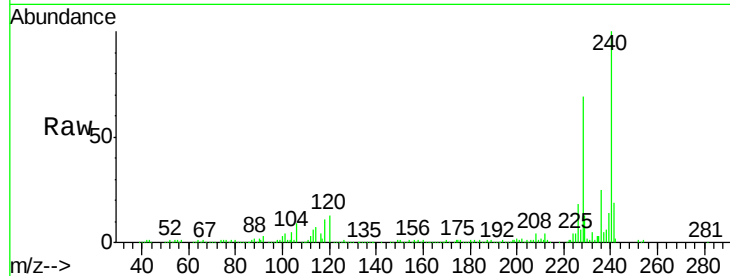
ClientSampled :

PB107795BS

Tot Ion:	240	Resp:	226563
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	24.9	20.7	31.1

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#76

Benzidine

Concen: 56.404 ng

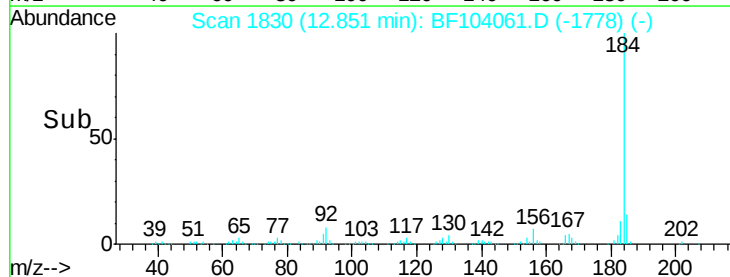
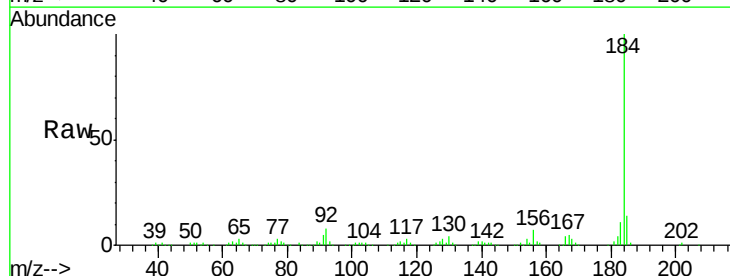
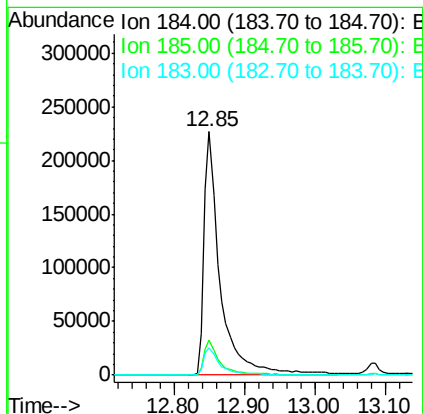
RT: 12.85 min Scan# 1830

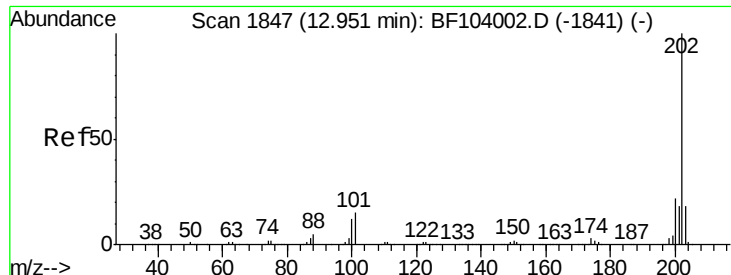
Delta R.T. 0.01 min

Lab File: BF104061.D

Acq: 29 Mar 2018 19:47

Tgt Ion:	184	Resp:	364175
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.5	9.3	13.9





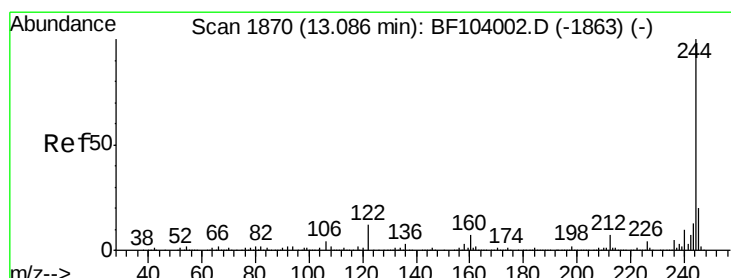
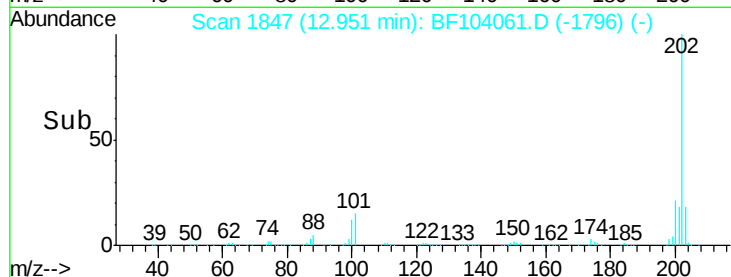
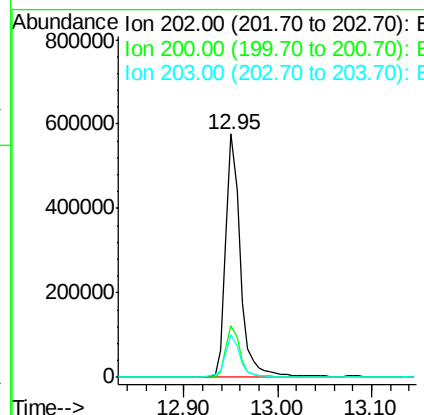
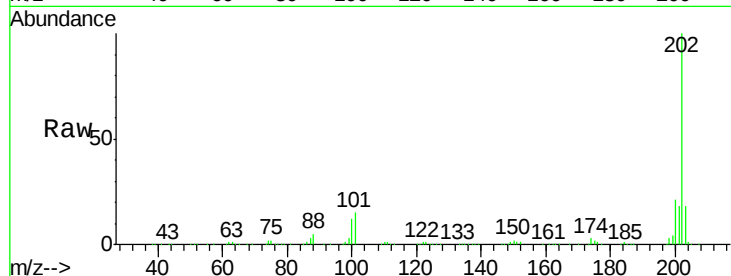
#77
Pvrene
Concen: 39.007 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.6	14.3	21.5

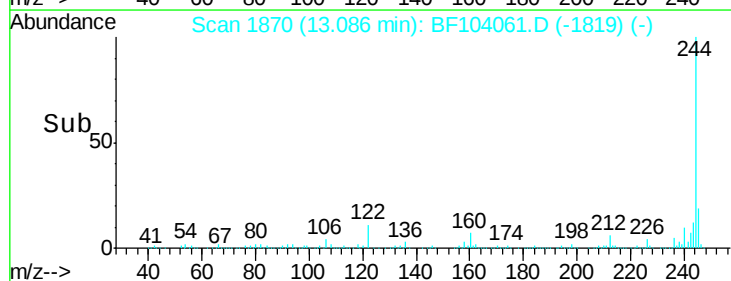
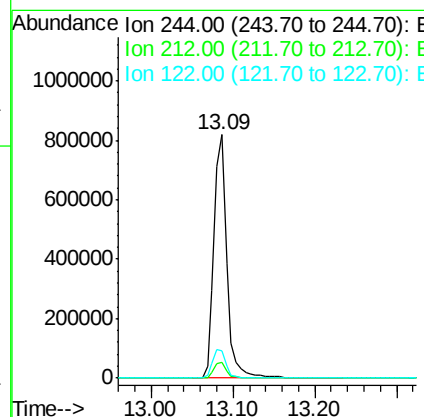
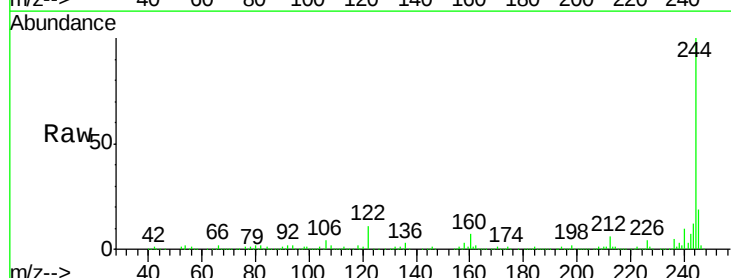
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#78
Terphenyl-d14
Concen: 91.823 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.3	11.0	16.4





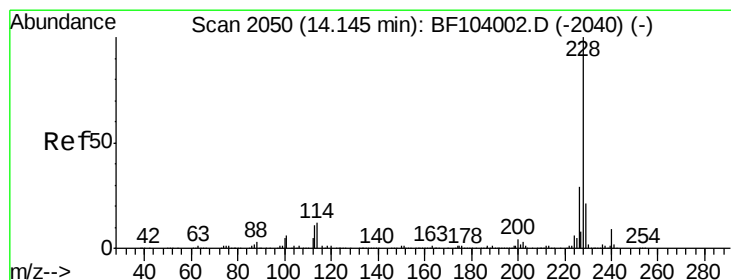
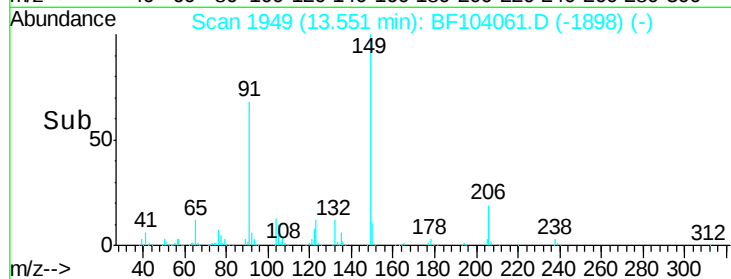
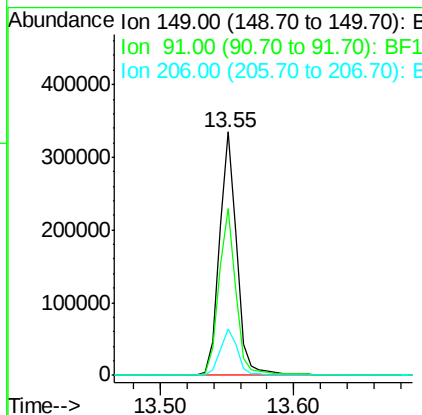
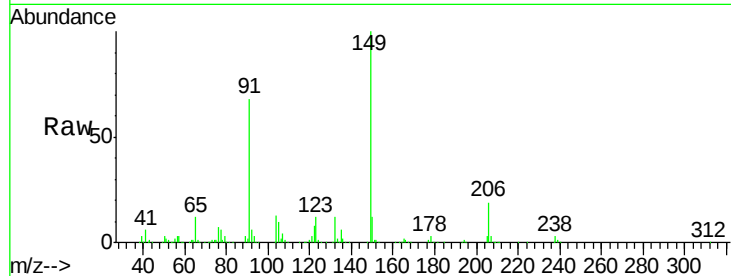
#79
Butylbenzylphthalate
Concen: 40.065 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	18.9	14.1	21.1

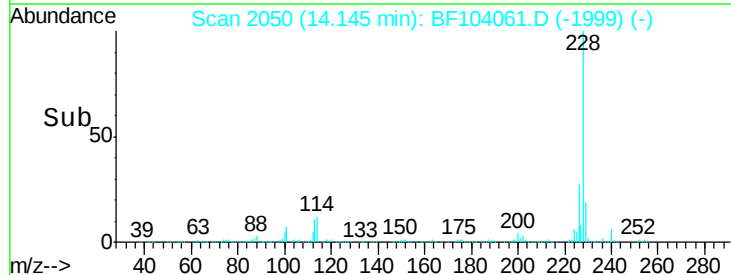
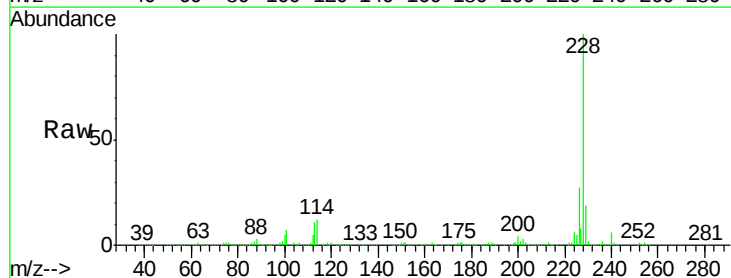
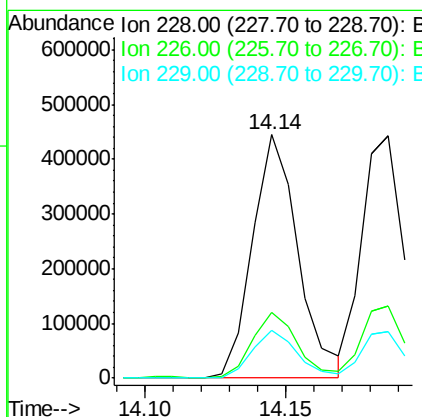
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#80
Benzo(a)anthracene
Concen: 35.267 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.4	15.8	23.6





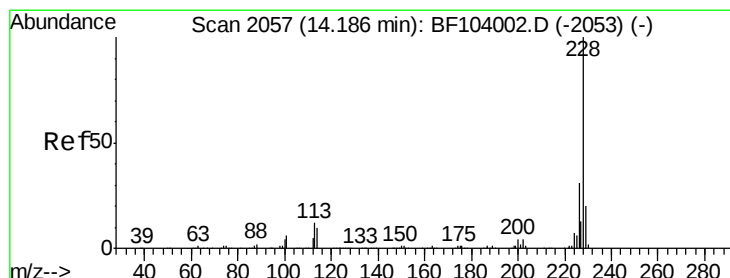
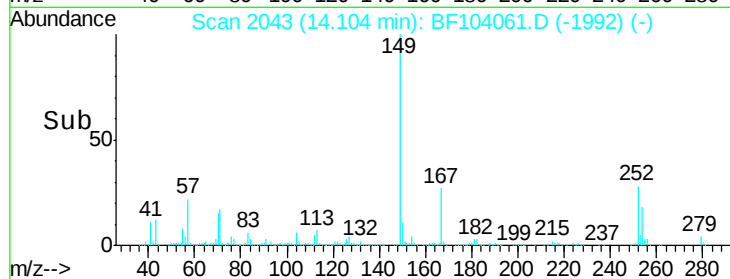
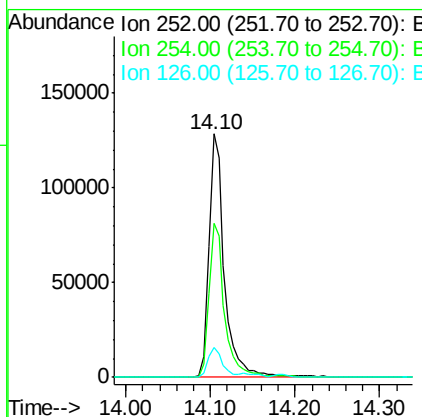
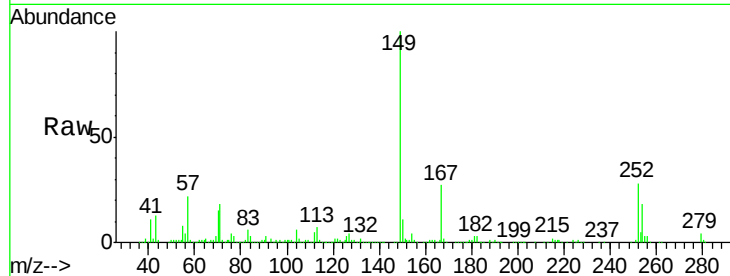
#81
 3,3'-Dichlorobenzidine
 Concen: 35.302 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampled :
 PB107795BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	12.4	11.3	16.9

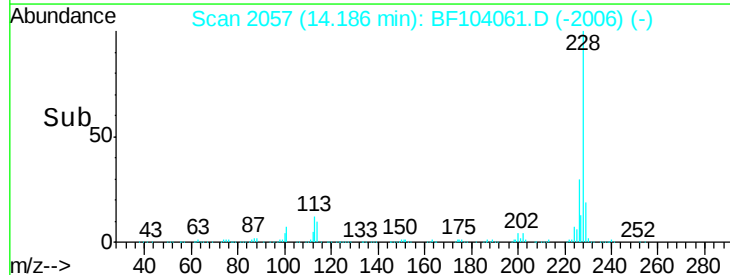
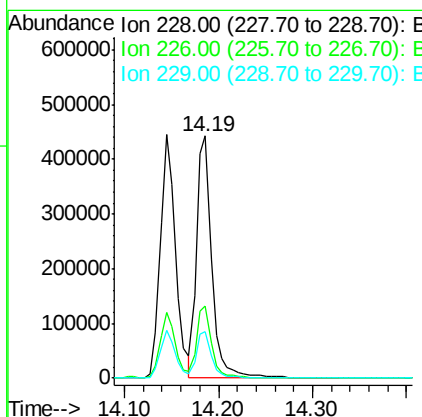
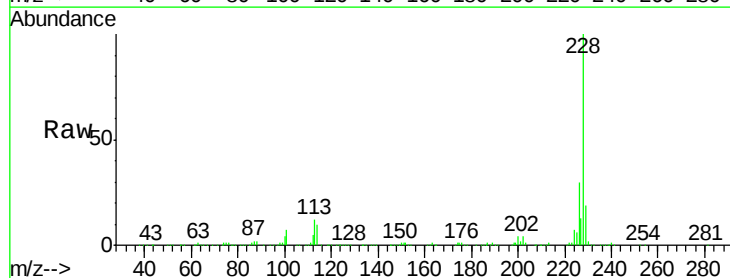
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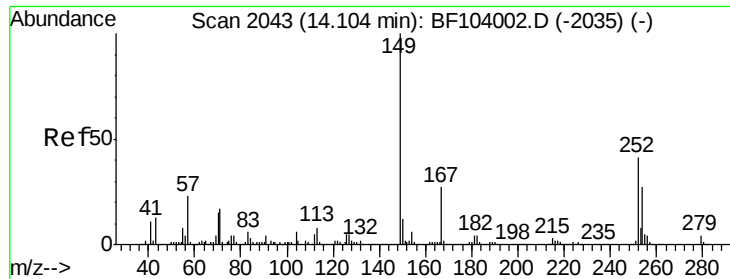
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#82
 Chrysene
 Concen: 35.997 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.5	16.2	24.4





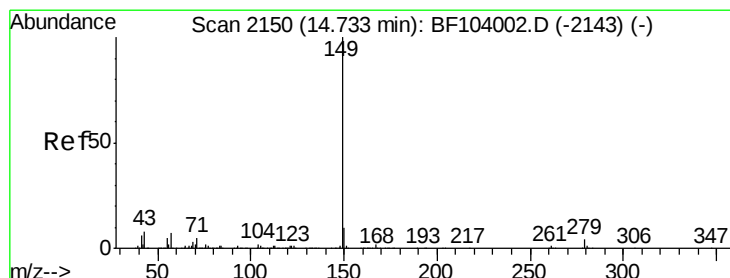
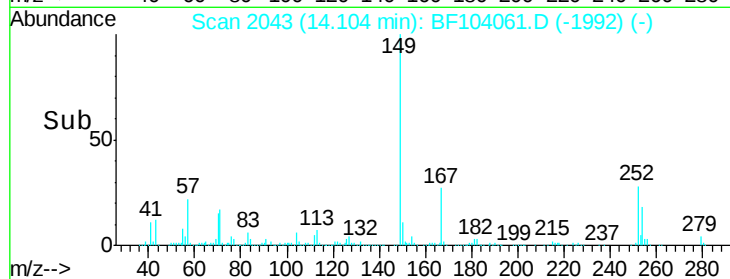
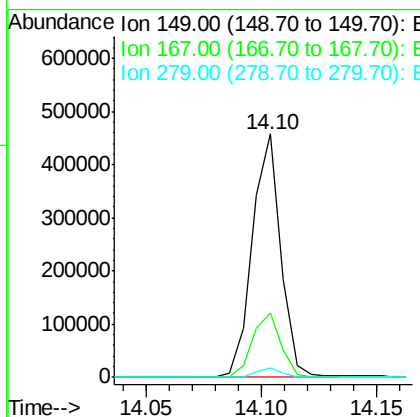
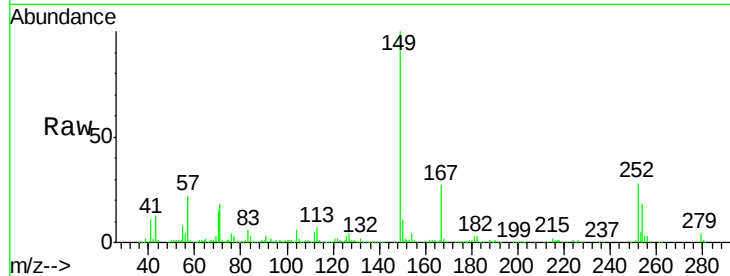
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.715 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.7	3.0	4.4

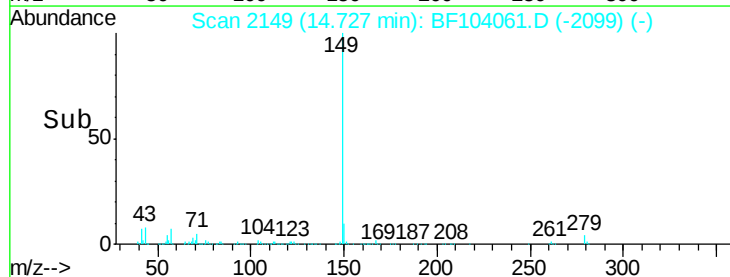
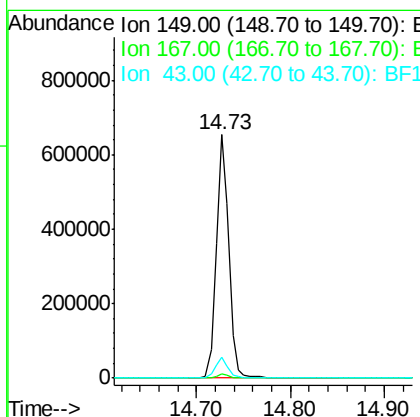
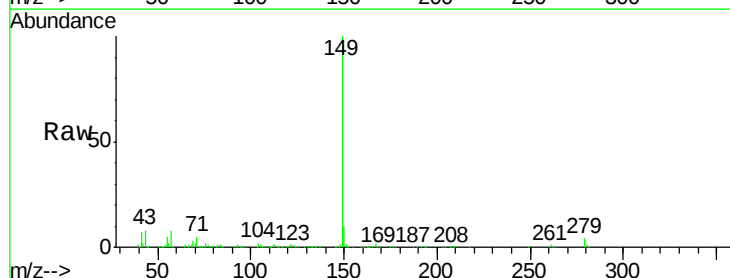
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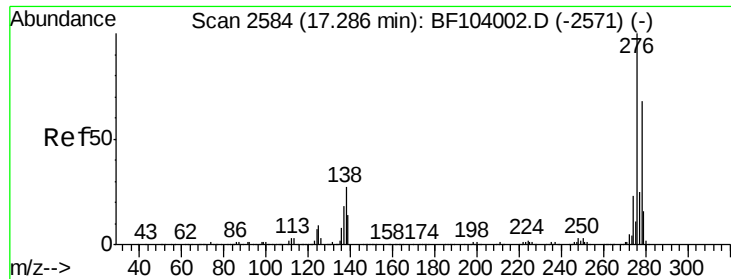
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#84
 Di-n-octyl phthalate
 Concen: 35.765 ng
 RT: 14.73 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#





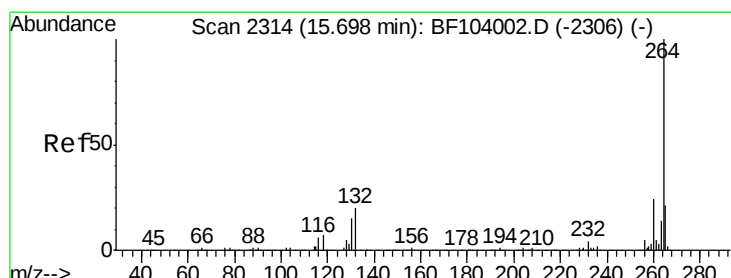
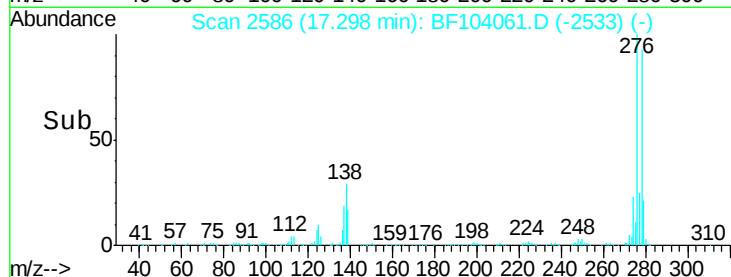
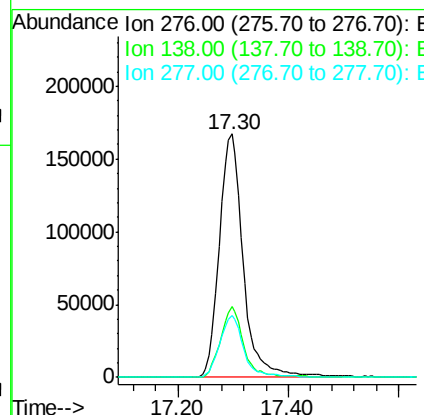
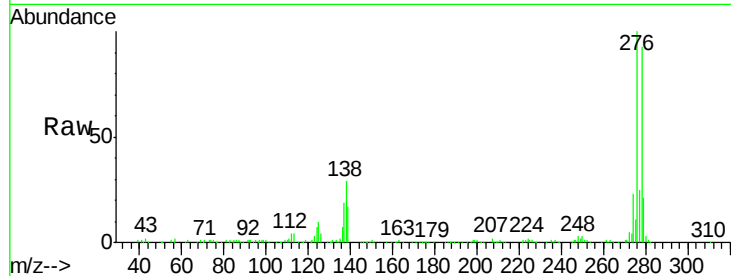
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.197 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.0	37.6
277	25.3	20.1	30.1

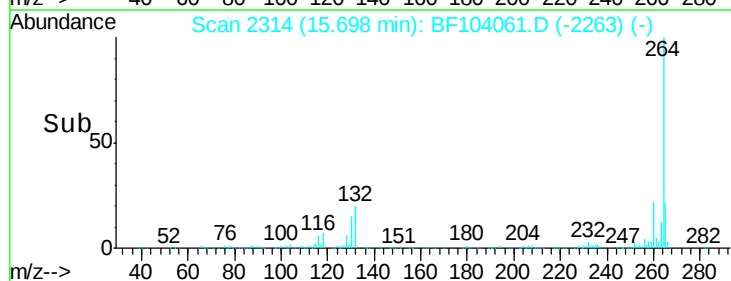
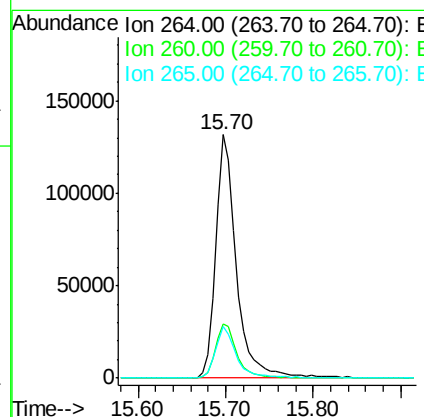
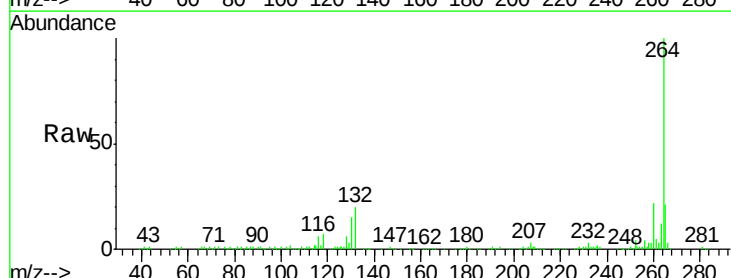
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.4	17.5	26.3





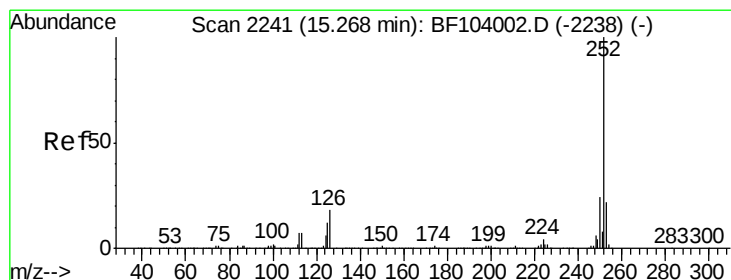
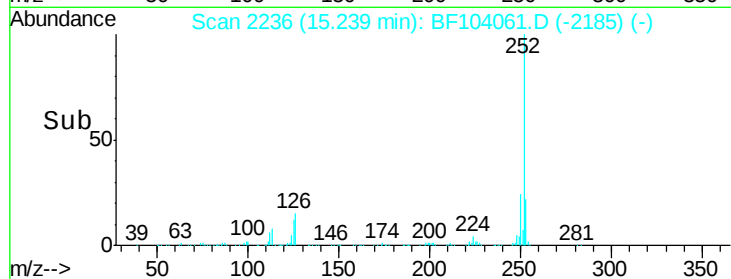
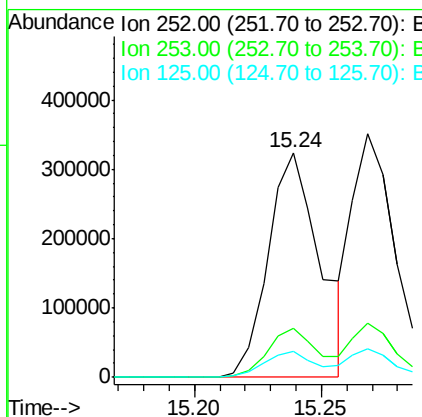
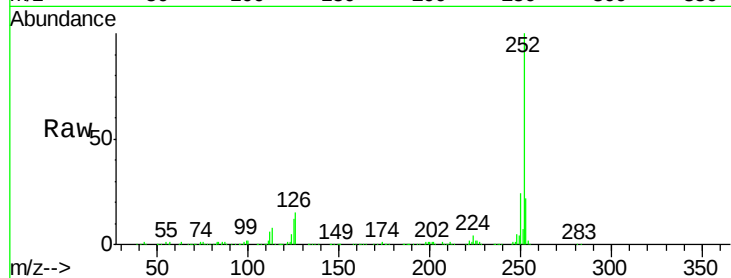
#87
Benzo(b)fluoranthene
Concen: 35.038 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.8	9.0	13.6

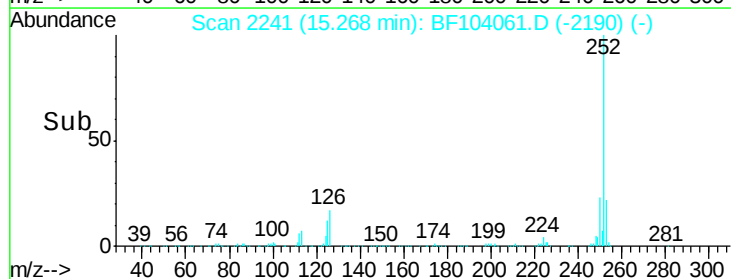
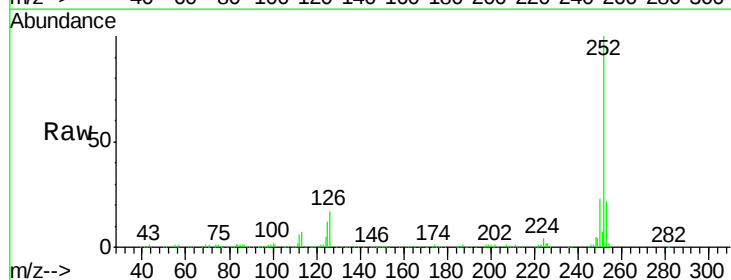
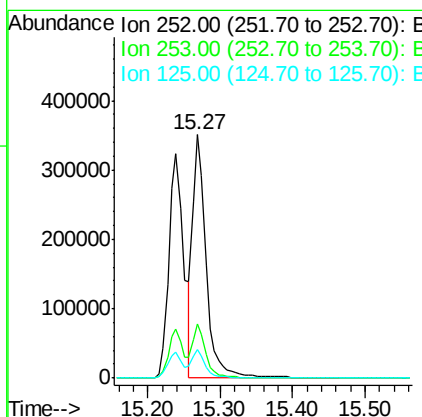
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#88
Benzo(k)fluoranthene
Concen: 36.341 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.8	10.2	15.2





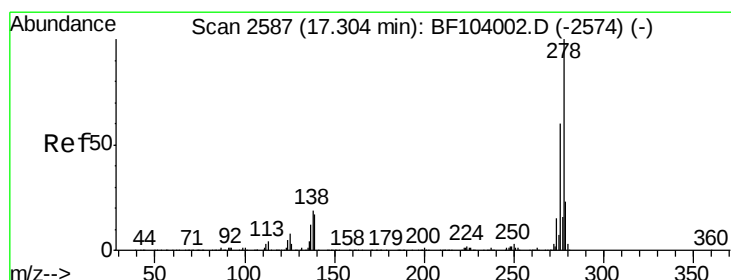
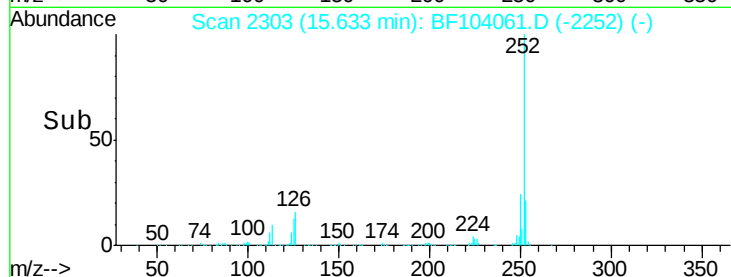
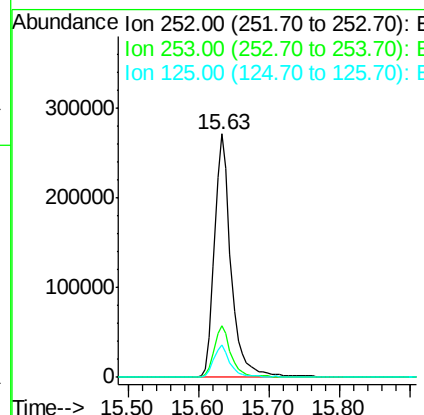
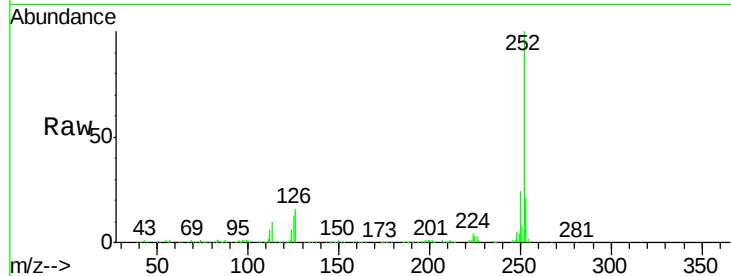
#89
Benzo(a)pyrene
Concen: 36.654 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Instrument :
BNA_F
ClientSampleId :
PB107795BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	13.1	9.8	14.6

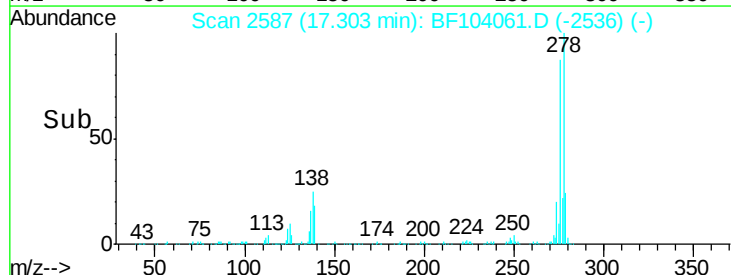
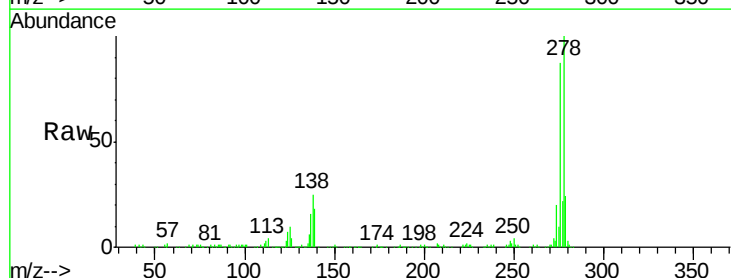
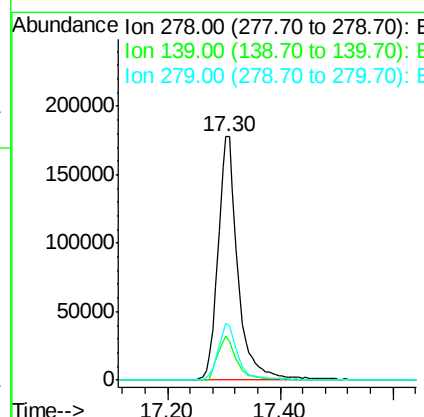
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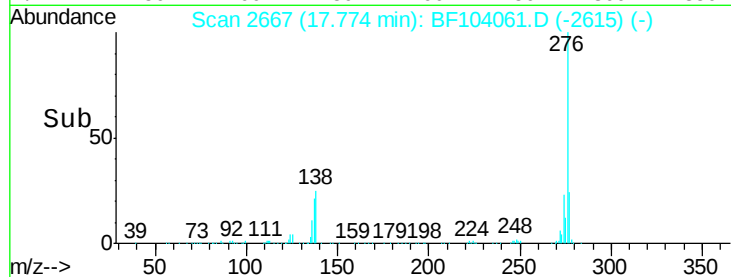
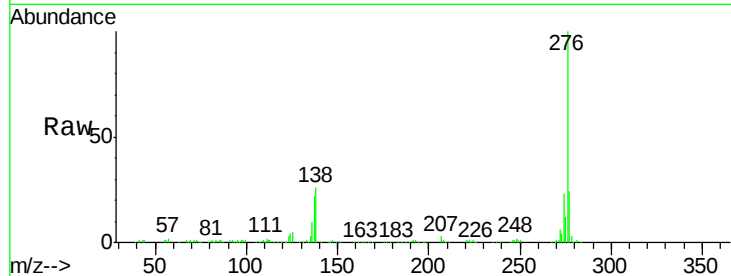
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#90
Dibenzo(a,h)anthracene
Concen: 38.675 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF104061.D
Acq: 29 Mar 2018 19:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.725 ng
 RT: 17.77 min Scan# 2667
 Delta R.T. 0.01 min
 Lab File: BF104061.D
 Acq: 29 Mar 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	25.6	21.8	32.8

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