

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104010.D
 Acq On : 28 Mar 2018 15:25
 Operator : JU/SJ
 Sample : PB107735BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:36:12 PM

Quant Time: Mar 28 17:02:47 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	6.96	152	120788	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	521717	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	256245	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	491551	20.00	ng	0.00
75) Chrysene-d12	14.15	240	403913	20.00	ng	0.00
86) Perylene-d12	15.69	264	371952	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	812321	107.25	ng	0.00
7) Phenol-d6	6.60	99	960047	103.03	ng	0.00
23) Nitrobenzene-d5	7.53	82	588147	68.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	284943	99.86	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1171148	72.07	ng	0.00
78) Terphenyl-d14	13.08	244	1238470	70.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	96933	29.673	ng	# 87
3) Pyridine	3.69	79	253853m	30.696	ng	
4) n-Nitrosodimethylamine	3.65	42	87871m	35.747	ng	
6) Aniline	6.64	93	264304	23.693	ng	# 88
8) 2-Chlorophenol	6.76	128	291023	35.028	ng	96
9) Benzaldehyde	6.52	77	116476	20.717	ng	99
10) Phenol	6.62	94	342630	33.185	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	300497	33.775	ng	92
12) 1,3-Dichlorobenzene	6.90	146	299900	32.111	ng	97
13) 1,4-Dichlorobenzene	6.98	146	324757	32.452	ng	99
14) 1,2-Dichlorobenzene	7.13	146	286864	31.893	ng	99
15) Benzyl Alcohol	7.11	79	216831	35.788	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	324786	33.507	ng	52
17) 2-Methylphenol	7.22	107	232310	34.354	ng	# 94
18) Hexachloroethane	7.47	117	109831	32.780	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	191206	34.575	ng	91
20) 3+4-Methylphenols	7.37	107	306071	35.465	ng	# 62
22) Acetophenone	7.37	105	404383	32.036	ng	98
24) Nitrobenzene	7.55	77	284109	31.652	ng	93
25) Isophorone	7.78	82	529826	33.700	ng	99
26) 2-Nitrophenol	7.86	139	158294	33.785	ng	92
27) 2,4-Dimethylphenol	7.89	122	253464	37.510	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	344765	34.989	ng	99
29) 2,4-Dichlorophenol	8.10	162	248866	35.260	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	252697	31.555	ng	98
31) Naphthalene	8.27	128	874393	34.307	ng	100
32) Benzoic acid	8.02	122	127632m	25.783	ng	
33) 4-Chloroaniline	8.32	127	196230	18.262	ng	97
34) Hexachlorobutadiene	8.37	225	135557	31.107	ng	100
35) Caprolactam	8.69	113	86570m	38.682	ng	
36) 4-Chloro-3-methylphenol	8.80	107	269525	36.103	ng	95
37) 2-Methylnaphthalene	8.96	142	566606	33.749	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	248913	31.677	ng	99
40) Hexachlorocyclopentadiene	9.10	237	242394	66.509	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	165945	33.351	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	190950	31.784	nq	96
45) 1,1'-Biphenyl	9.42	154	694052	31.558	nq	98
46) 2-Chloronaphthalene	9.45	162	541303	31.202	nq	97
47) 2-Nitroaniline	9.55	65	159626	32.269	nq	97
48) Acenaphthylene	9.87	152	830930	31.616	nq	99
49) Dimethylphthalate	9.72	163	644233	31.843	nq	100
50) 2,6-Dinitrotoluene	9.79	165	145532	33.436	nq	97
51) Acenaphthene	10.04	154	472242	31.061	nq	99
52) 3-Nitroaniline	9.97	138	103620	20.710	nq	99
53) 2,4-Dinitrophenol	10.07	184	134940	71.640	nq #	21
54) Dibenzofuran	10.21	168	738599	33.267	nq	98
55) 4-Nitrophenol	10.14	139	214504	71.499	nq	94
56) 2,4-Dinitrotoluene	10.20	165	188601	33.957	nq #	93
57) Fluorene	10.56	166	595682	32.525	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	162055	36.003	nq	89
59) Diethylphthalate	10.42	149	633108	32.666	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	276079	32.821	nq	98
61) 4-Nitroaniline	10.59	138	151022	32.258	nq	95
62) Azobenzene	10.70	77	579835	33.085	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	88298	29.675	nq #	76
65) n-Nitrosodiphenylamine	10.66	169	529175	31.788	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	168843	32.106	nq	93
67) Hexachlorobenzene	11.10	284	189366	31.304	nq #	86
68) Atrazine	11.19	200	169981	33.330	nq	99
69) Pentachlorophenol	11.30	266	195802	58.820	nq	97
70) Phenanthrene	11.52	178	849858	31.934	nq	99
71) Anthracene	11.57	178	916965	32.986	nq	100
72) Carbazole	11.73	167	845810	31.879	nq	100
73) Di-n-butylphthalate	12.04	149	1016067	32.151	nq	99
74) Fluoranthene	12.72	202	921658	32.581	nq	98
76) Benzidine	12.84	184	427561	37.145	nq	98
77) Pyrene	12.95	202	924935	31.855	nq	99
79) Butylbenzylphthalate	13.55	149	442305	32.334	nq	96
80) Benzo(a)anthracene	14.14	228	836578	33.101	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	182698	21.839	nq #	96
82) Chrysene	14.18	228	779594	31.493	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	579478	32.786	nq	100
84) Di-n-octyl phthalate	14.72	149	1019474	33.531	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	630635	24.585	nq	97
87) Benzo(b)fluoranthene	15.23	252	780513	34.480	nq	99
88) Benzo(k)fluoranthene	15.26	252	718006	33.672	nq	98
89) Benzo(a)pyrene	15.62	252	704427	33.581	nq	99
90) Dibenzo(a,h)anthracene	17.28	278	523267	26.980	nq	97
91) Benzo(g,h,i)perylene	17.75	276	510113	26.259	nq	96

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



#1

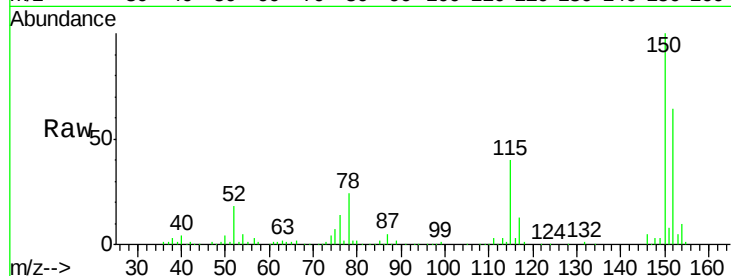
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

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PB107735BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.3	50.1	75.1

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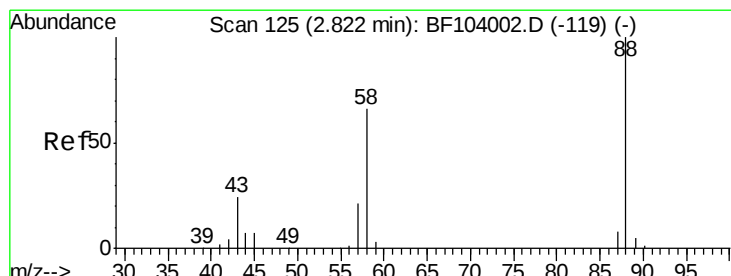
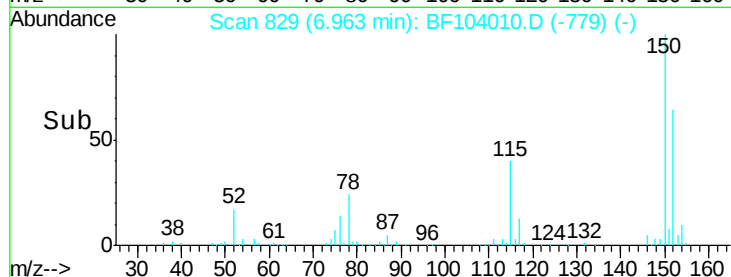
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

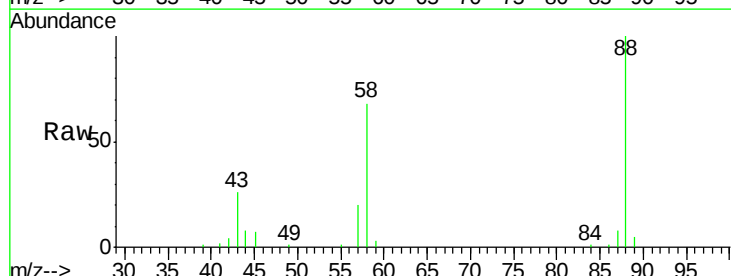
Time-->



#2

1,4-Dioxane
Concen: 29.673 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.08 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	62.6	93.8
43	22.5	24.6	37.0



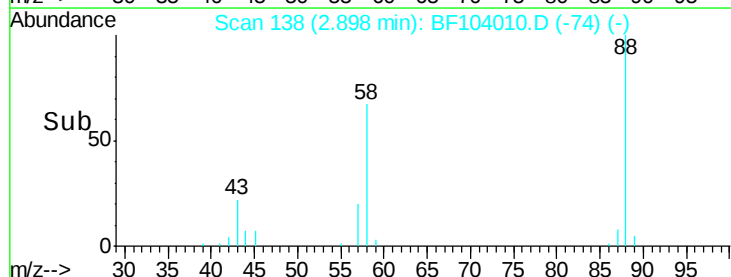
Abundance

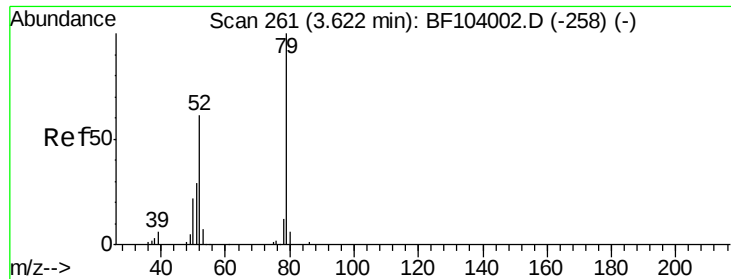
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 30.696 ng m

RT: 3.69 min Scan# 272

Delta R.T. 0.06 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

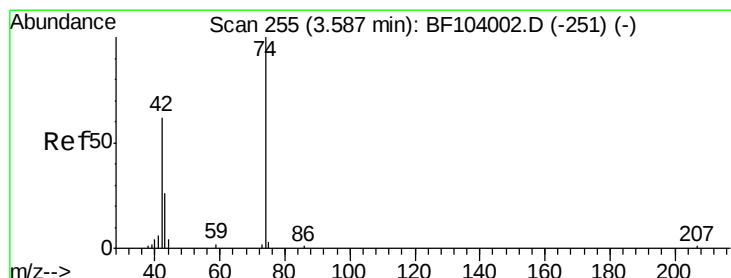
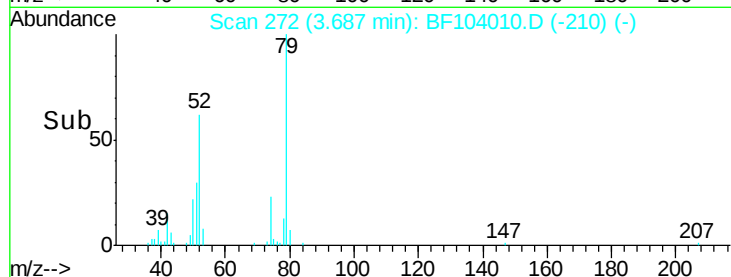
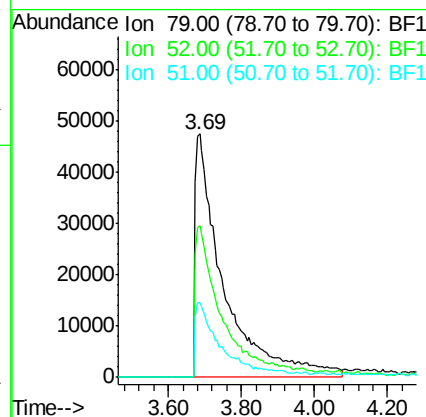
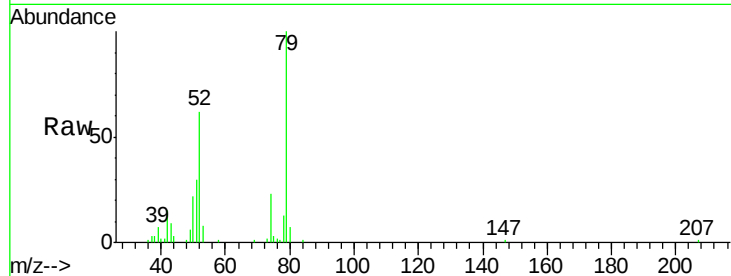
ClientSampleId :

PB107735BS

Tot Ion:	79	Resp:	253853
Ion Ratio	Lower	Upper	
79	100		
52	62.4	59.8	89.6
51	30.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 35.747 ng m

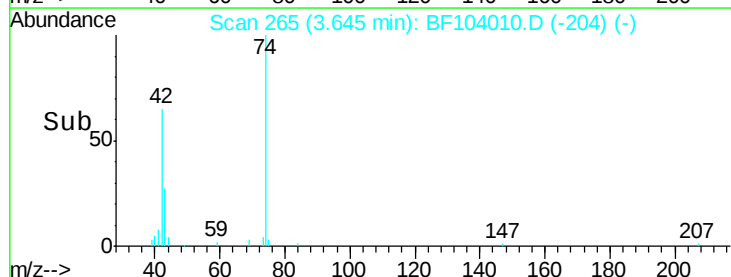
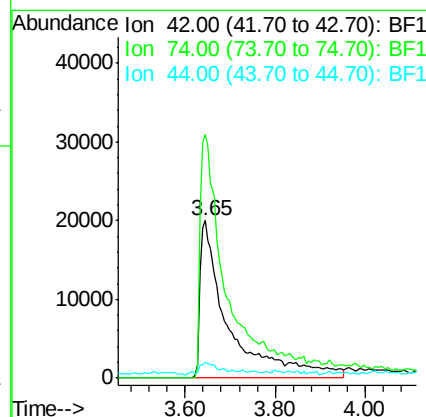
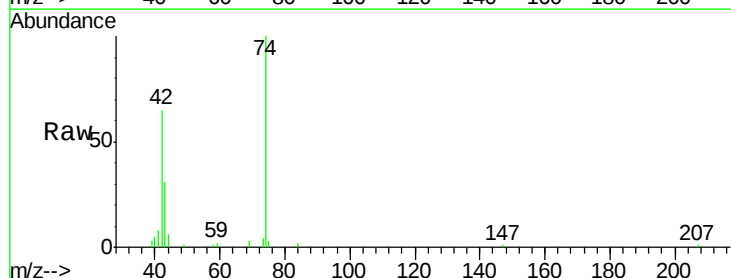
RT: 3.65 min Scan# 265

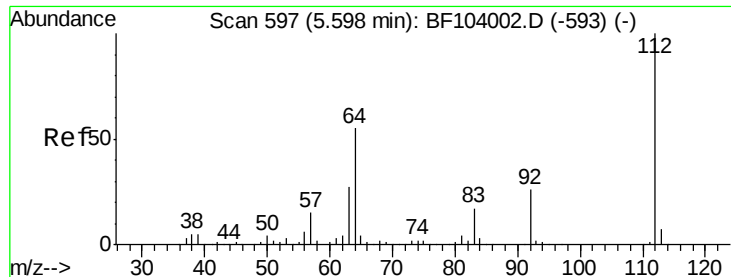
Delta R.T. 0.06 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:	42	Resp:	87871
Ion Ratio	Lower	Upper	
42	100		
74	154.6	104.9	157.3
44	10.0	6.9	10.3





#5

2-Fluorophenol

Concen: 107.250 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

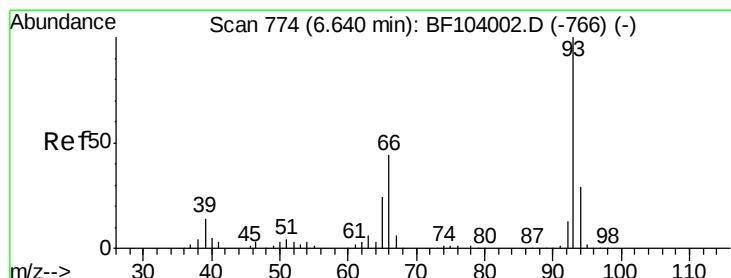
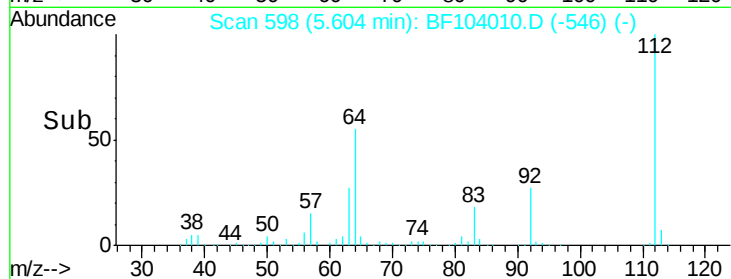
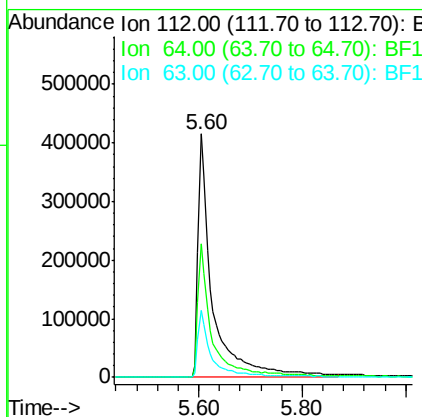
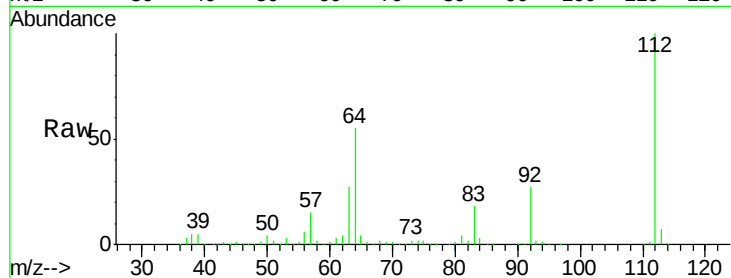
ClientSampled :

PB107735BS

Tot Ion:	112	Resp:	812321
Ion Ratio	Lower	Upper	
112	100		
64	54.9	47.9	71.9
63	27.4	23.7	35.5

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#6

Aniline

Concen: 23.693 ng

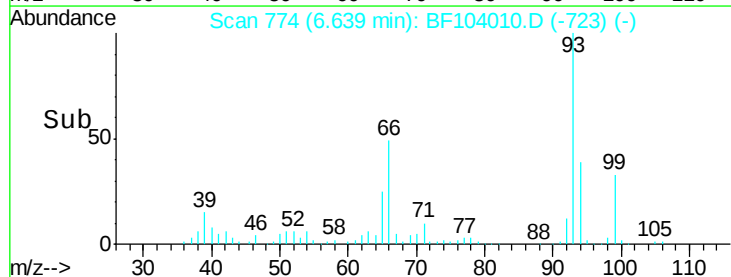
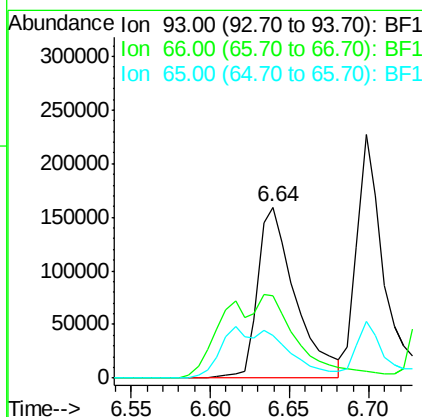
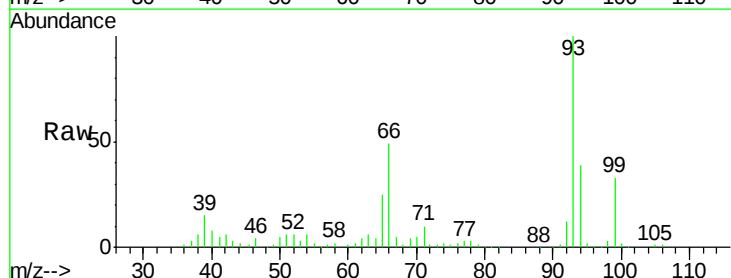
RT: 6.64 min Scan# 774

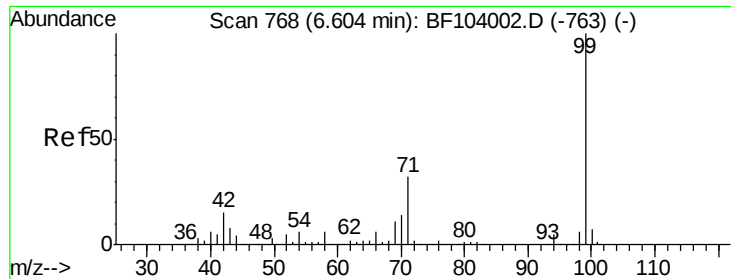
Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:	93	Resp:	264304
Ion Ratio	Lower	Upper	
93	100		
66	48.6	32.2	48.2#
65	25.2	16.4	24.6#





#7

Phenol-d6

Concen: 103.027 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

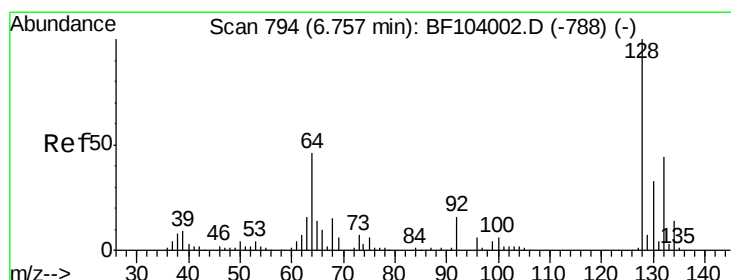
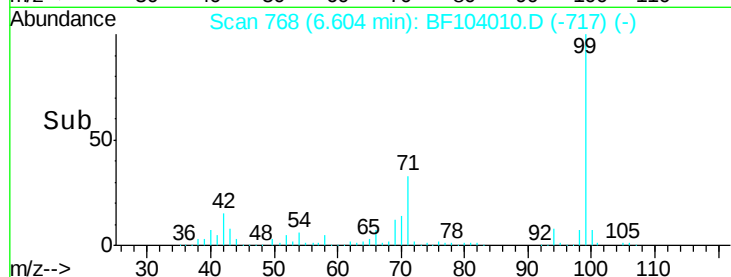
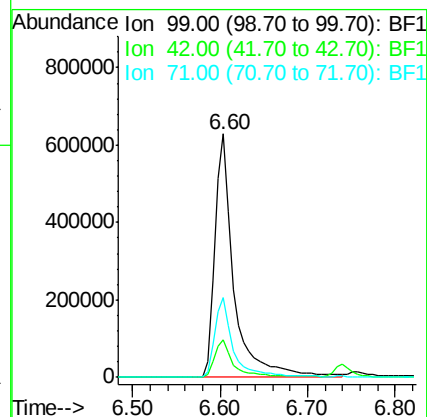
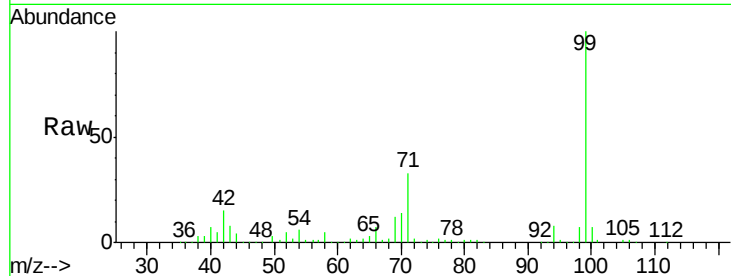
ClientSampleId :

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Tot Ion:	99	Resp:	960047
Ion Ratio	Lower	Upper	
99	100		
42	15.2	14.5	21.7
71	32.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 35.028 ng

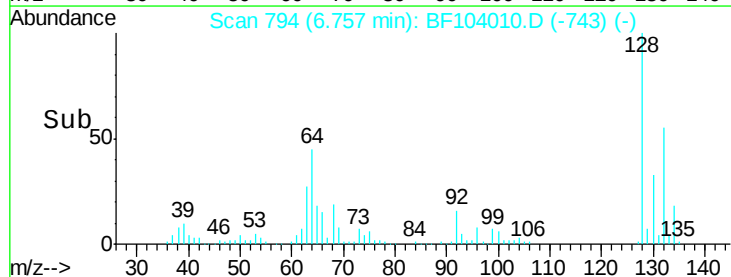
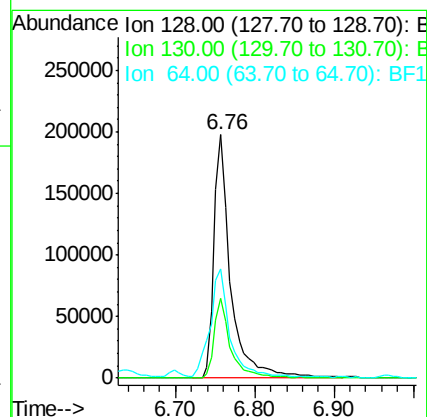
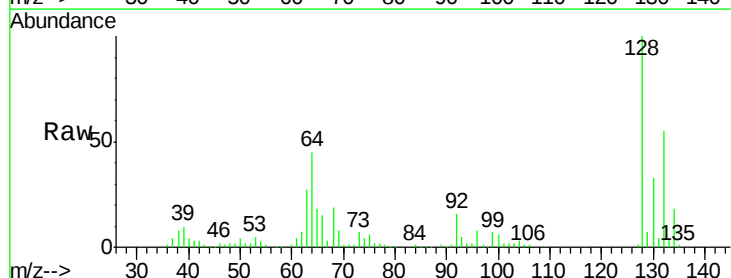
RT: 6.76 min Scan# 794

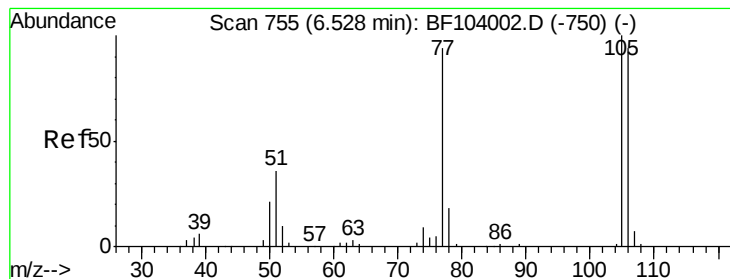
Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:	128	Resp:	291023
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.0	53.0
64	45.0	29.4	69.4





#9

Benzaldehyde

Concen: 20.717 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

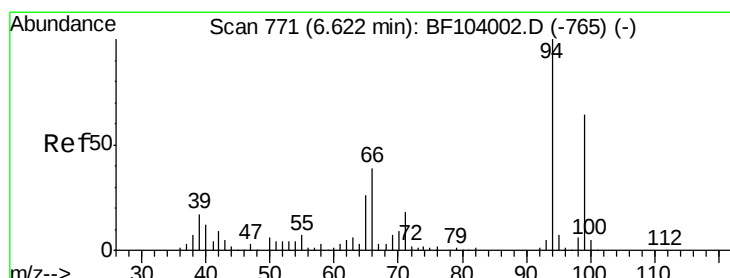
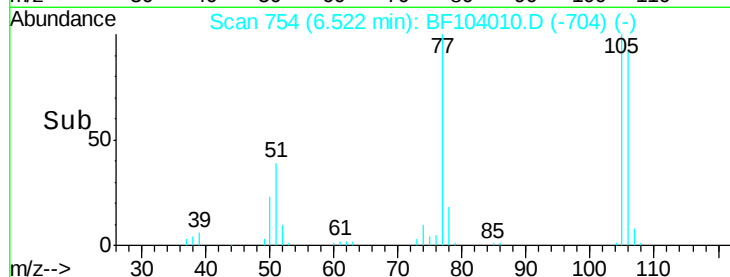
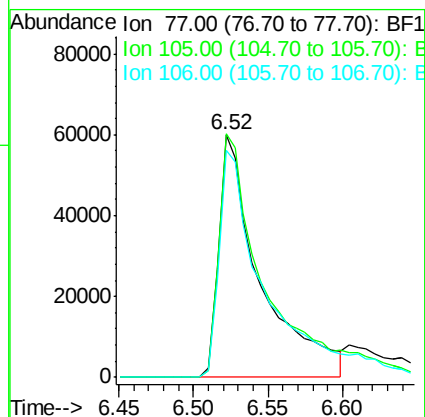
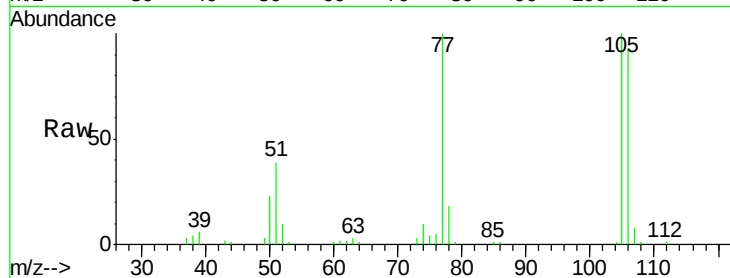
ClientSampleId :

PB107735BS

Tot Ion:	77	Resp:	116476
Ion	Ratio	Lower	Upper
77	100		
105	100.4	81.1	121.1
106	93.8	74.5	114.5

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#10

Phenol

Concen: 33.185 ng

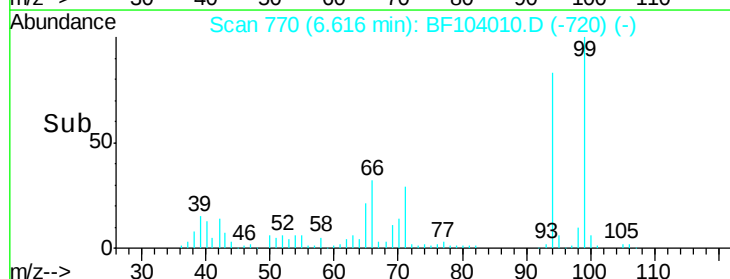
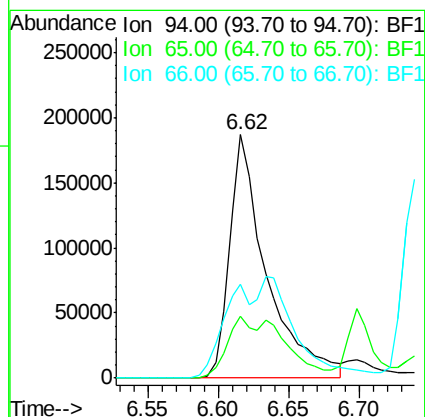
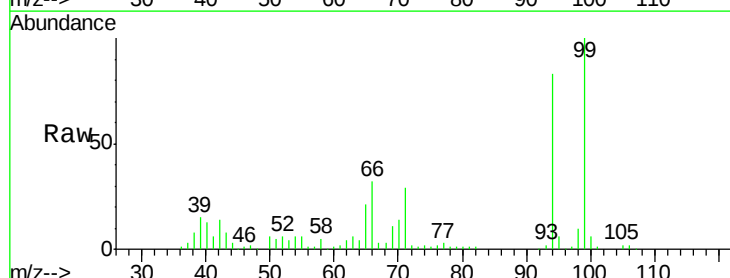
RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

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Tgt Ion:	94	Resp:	342630
Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	38.5	16.2	56.2





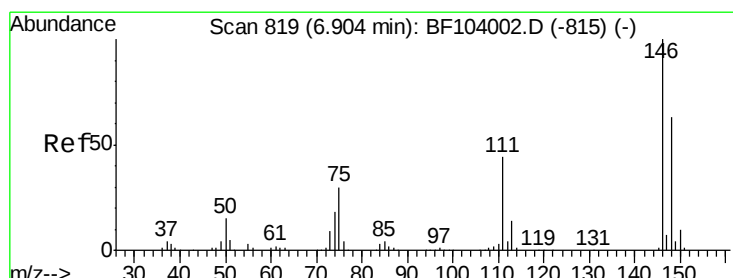
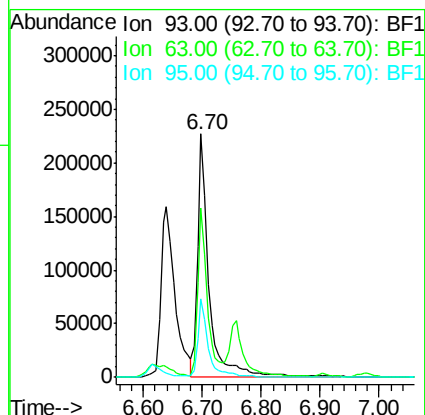
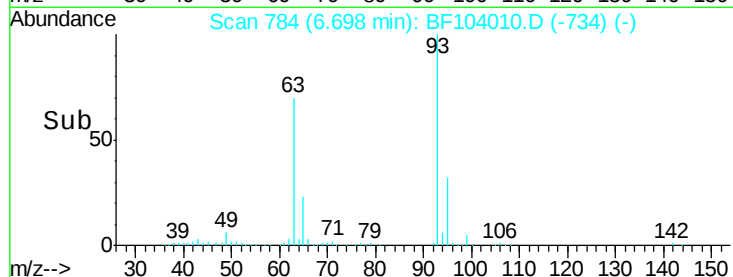
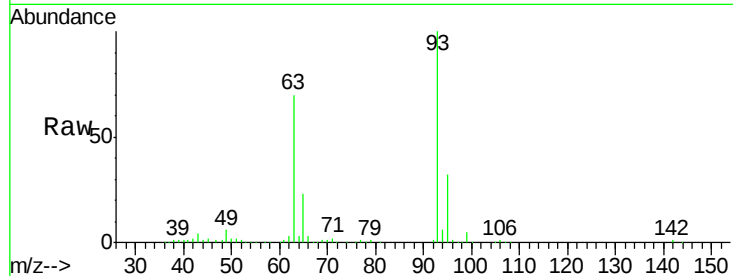
#11
bis(2-Chloroethyl)ether
Concen: 33.775 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion:	93	Resp:	300497
Ion Ratio	Lower	Upper	
93	100		
63	69.6	58.6	98.6
95	32.2	11.8	51.8

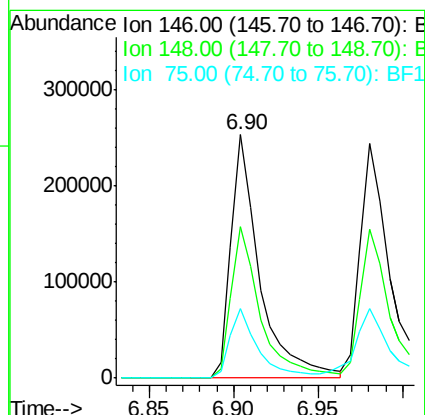
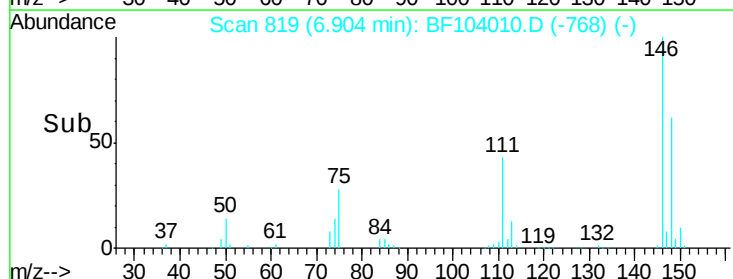
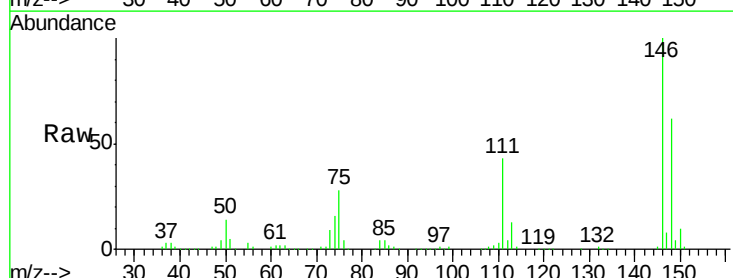
Manual Integrations
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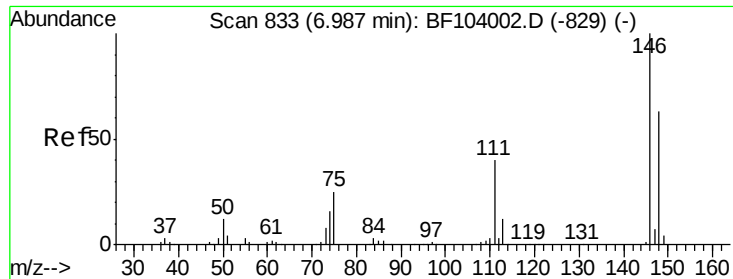
Sohil
3/29/2018 5:36:12 PM



#12
1,3-Dichlorobenzene
Concen: 32.111 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion:	146	Resp:	299900
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.8	77.8
75	28.4	24.2	36.4





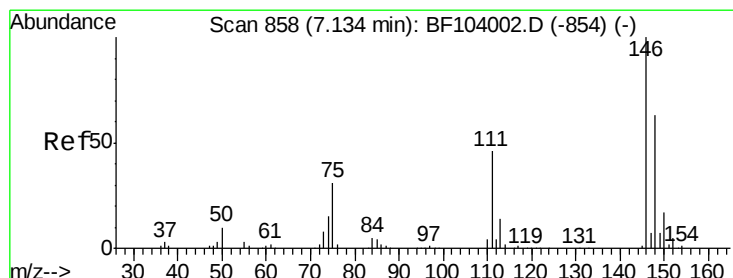
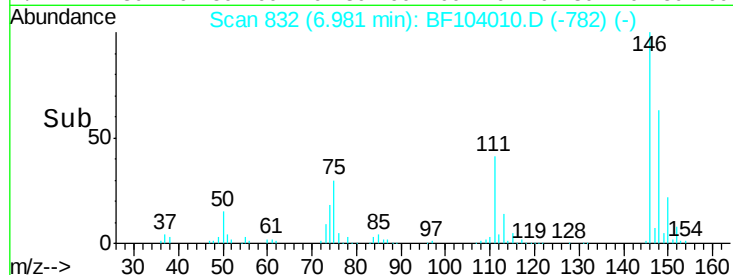
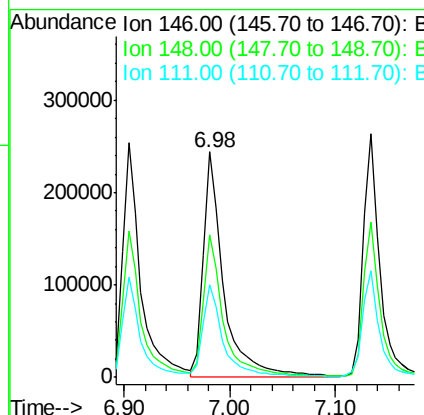
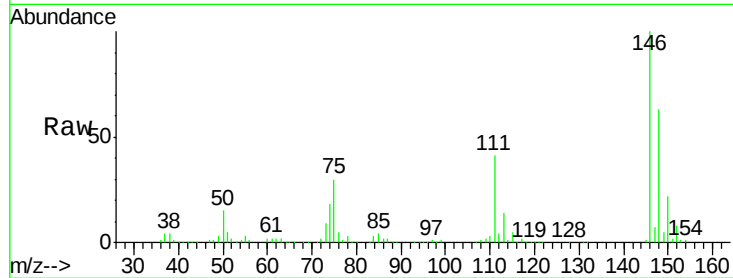
#13
 1,4-Dichlorobenzene
 Concen: 32.452 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.0	34.2	51.2

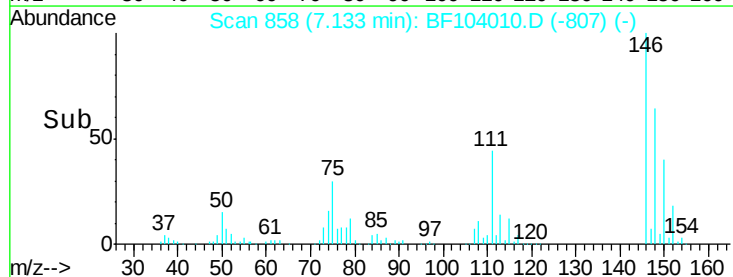
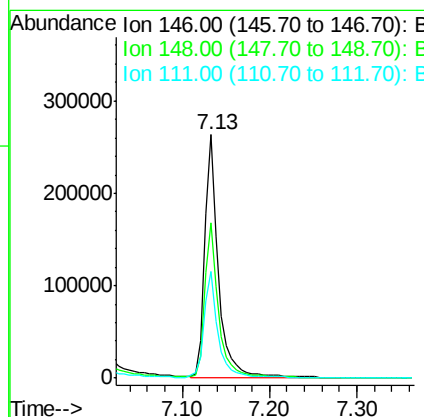
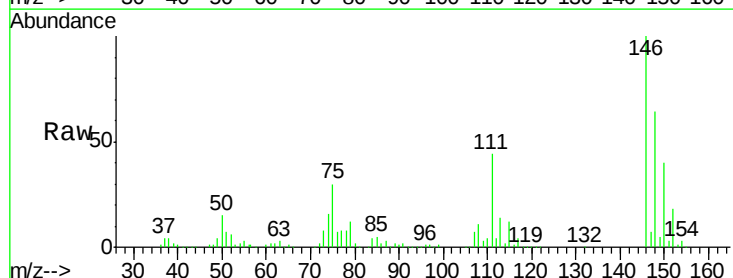
Manual Integrations
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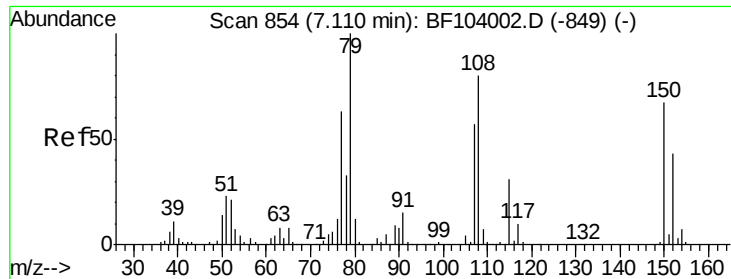
Sohil
 3/29/2018 5:36:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.893 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	43.6	36.0	54.0





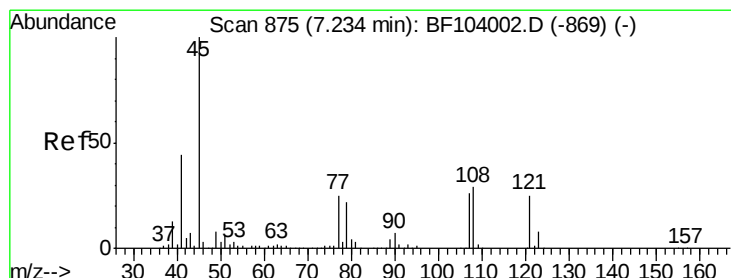
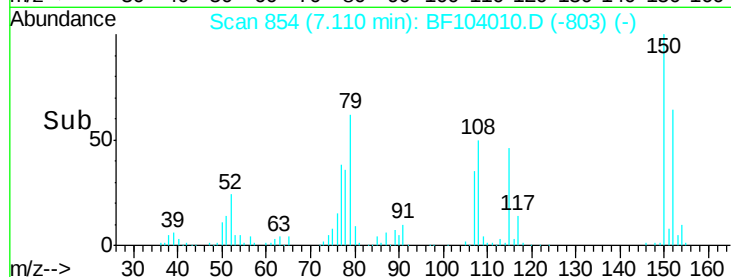
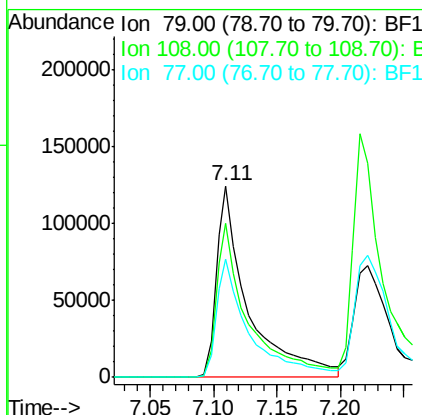
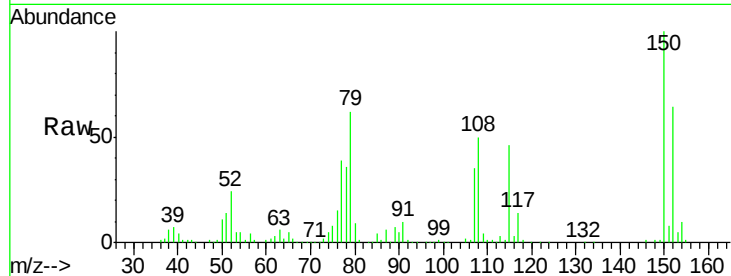
#15
Benzyl Alcohol
Concen: 35.788 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	80.8	65.1	97.7		
77	62.1	50.6	75.8		

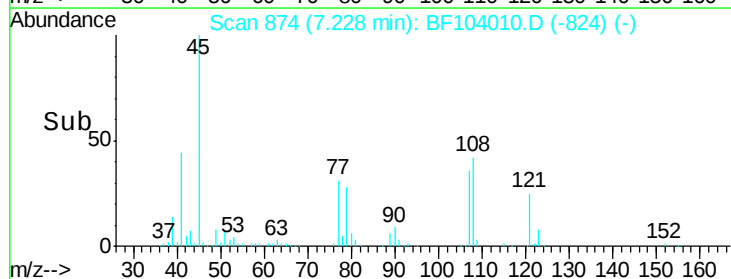
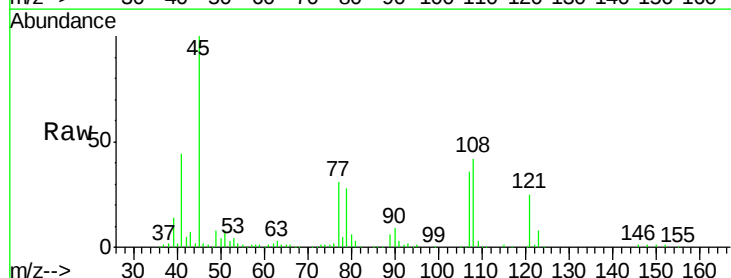
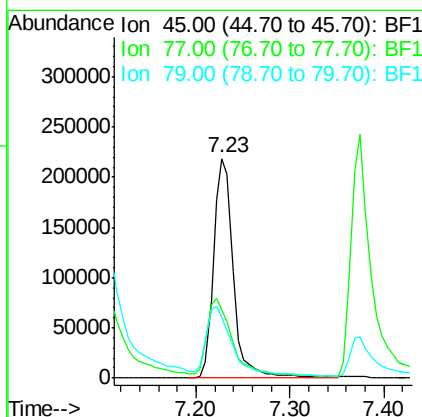
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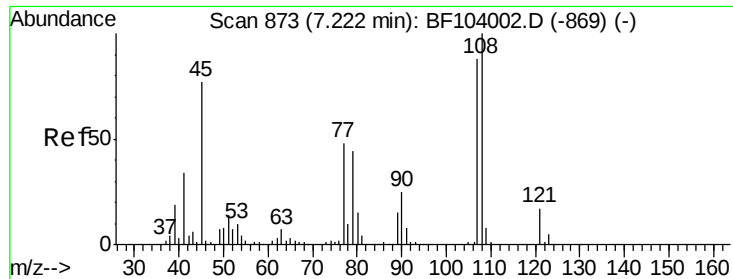
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.507 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	31.2	0.0	32.9		
79	27.8	0.0	29.6		





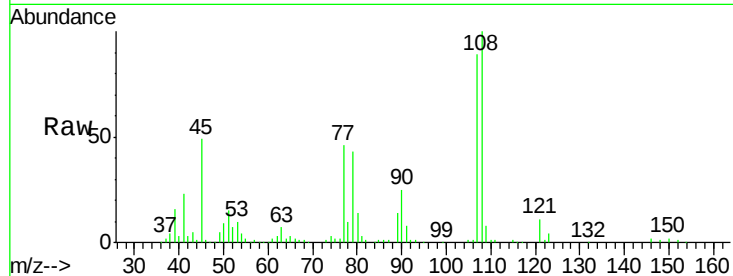
#17
2-Methylphenol
Concen: 34.354 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

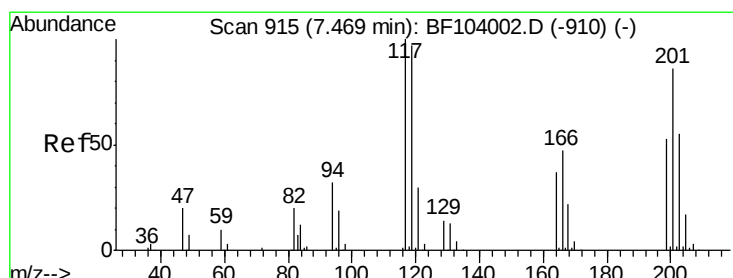
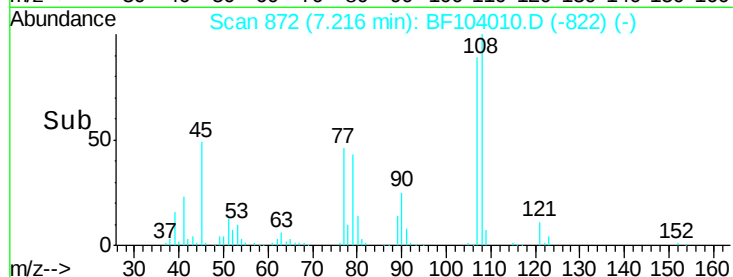
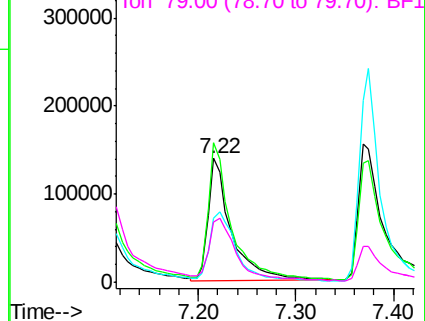
Tot Ion	107	Resp	232310
Ion Ratio	Lower	Upper	
107	100		
108	112.4	91.7	137.5
77	51.8	33.8	50.8
79	48.1	33.8	50.8

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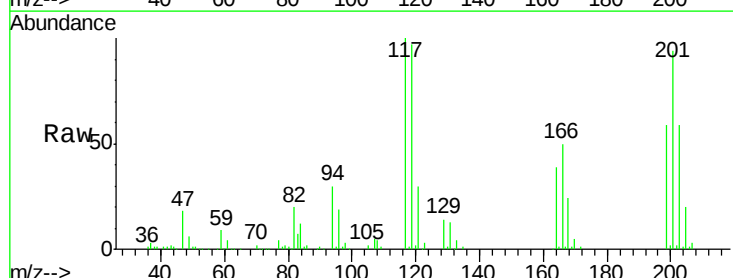


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

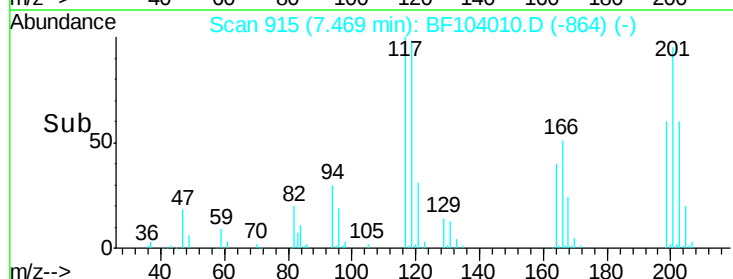
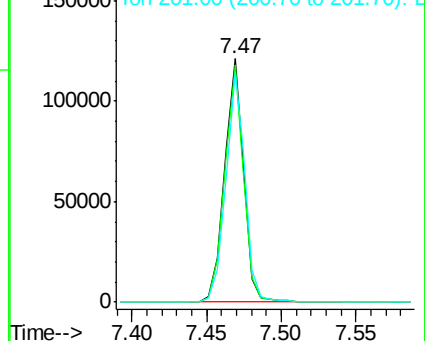


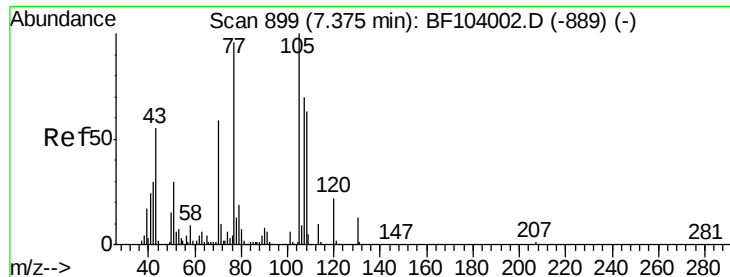
#18
Hexachloroethane
Concen: 32.780 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	117	Resp	109831
Ion Ratio	Lower	Upper	
117	100		
119	97.4	75.8	113.8
201	94.4	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





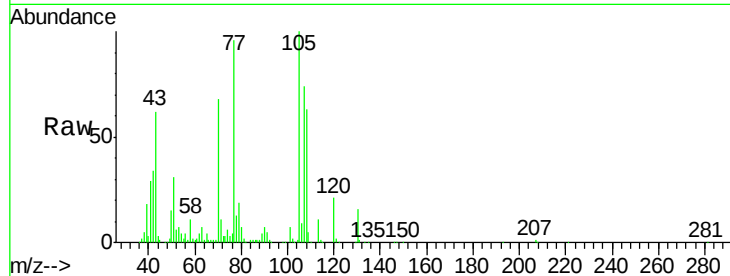
#19
n-Nitroso-di-n-propylamine
Concen: 34.575 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.5	71.3
101	10.3	7.4	11.2
130	23.1	16.6	25.0

Manual Integrations
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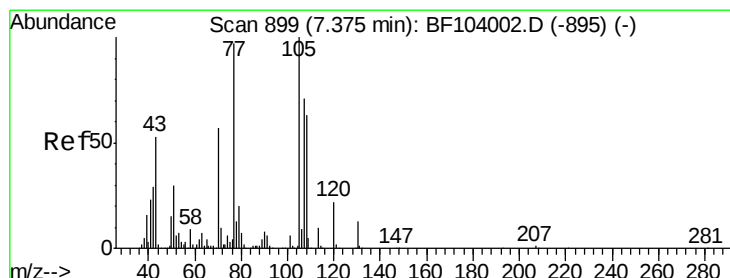
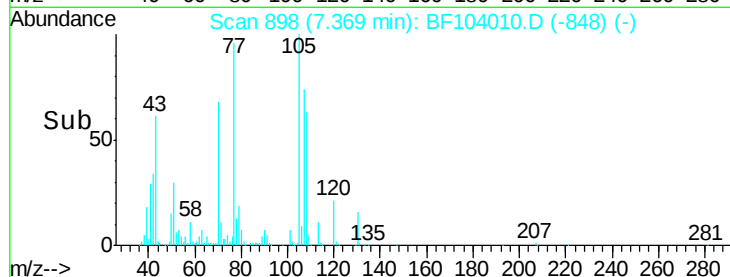
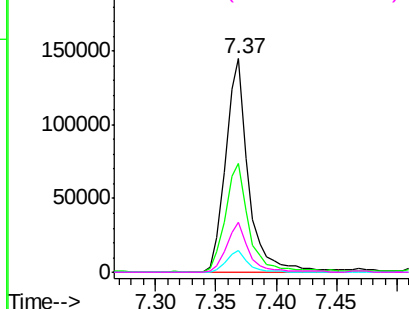
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 35.465 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	131.0	26.7	66.7#
79	25.5	6.3	46.3

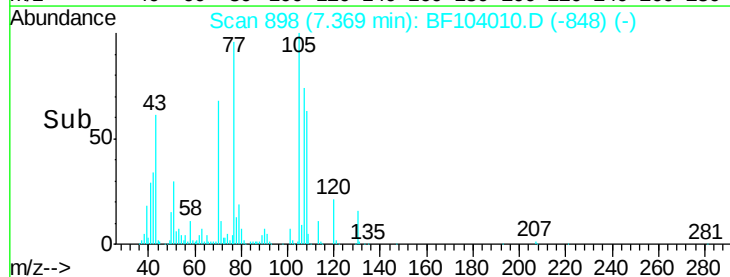
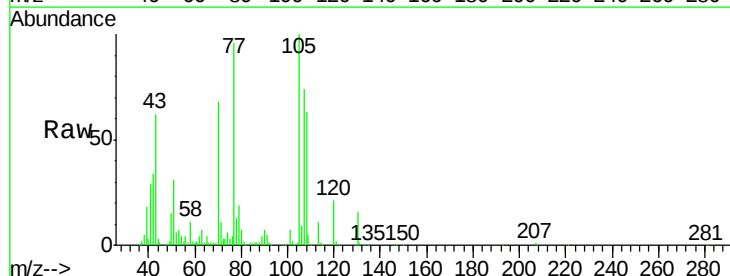
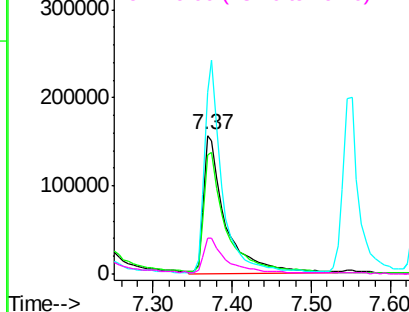
Abundance

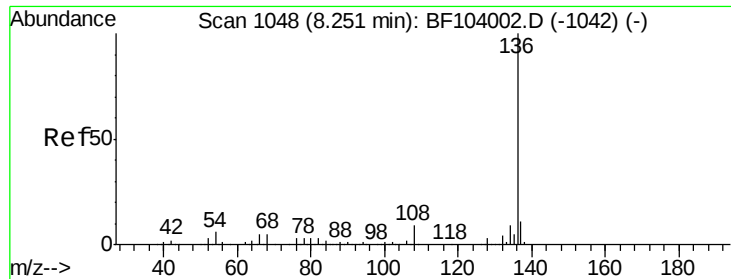
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

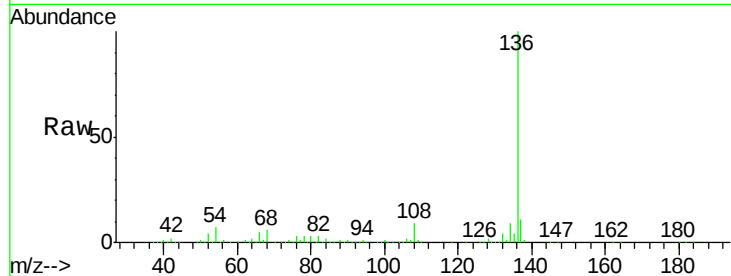
ClientSampleId :

PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	521717		
137	10.9		8.9	13.3
54	6.7		6.6	9.8
68	5.9		5.0	7.4

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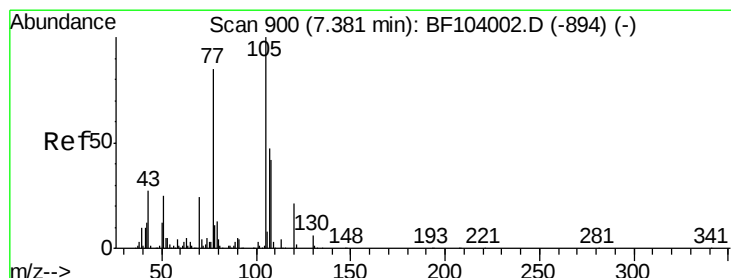
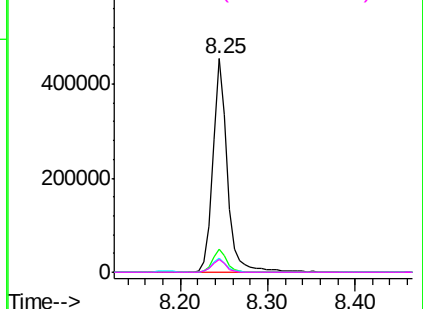
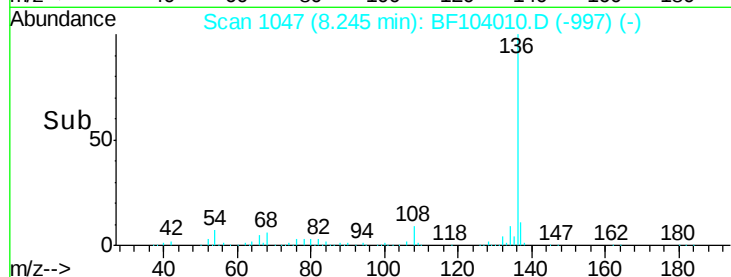


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.036 ng

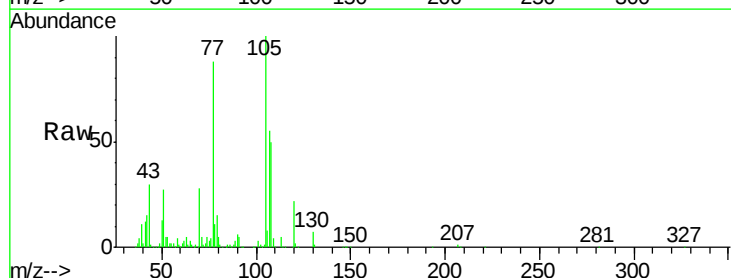
RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	404383		
71	4.6		4.4	6.6
51	27.2		22.3	33.5
120	22.3		16.9	25.3

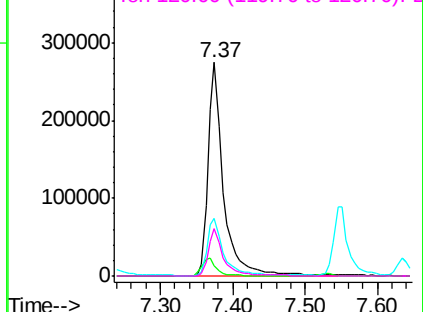
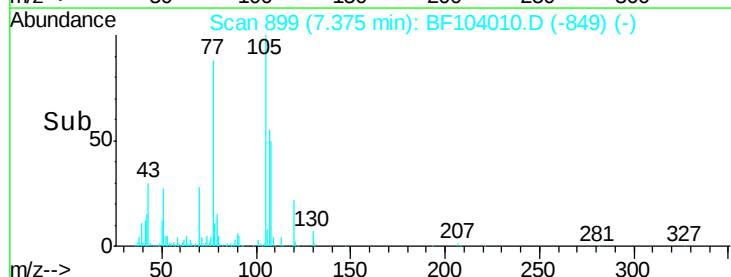


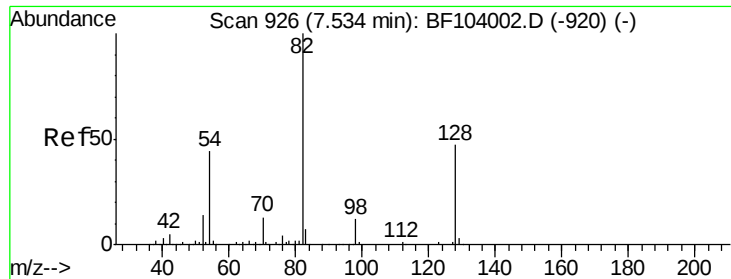
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





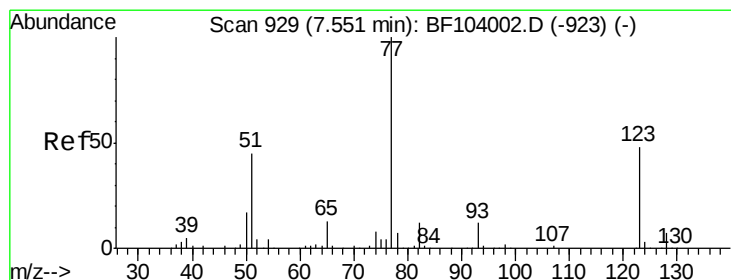
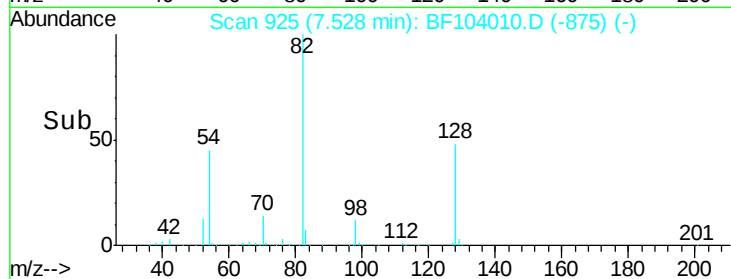
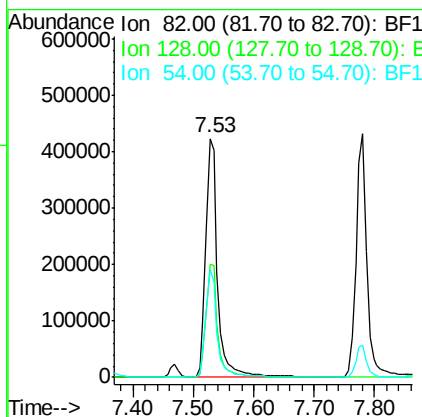
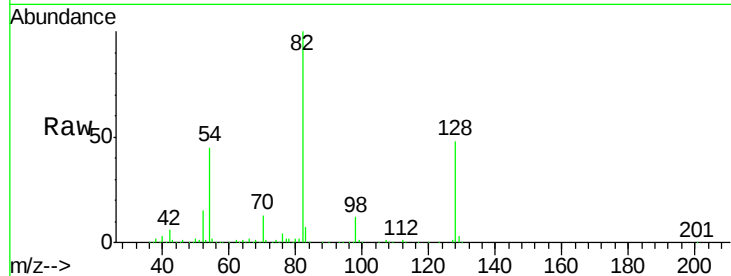
#23
 Nitrobenzene-d5
 Concen: 68.942 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	45.4	41.4	62.2

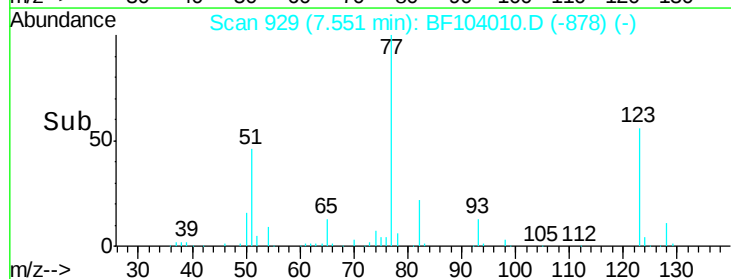
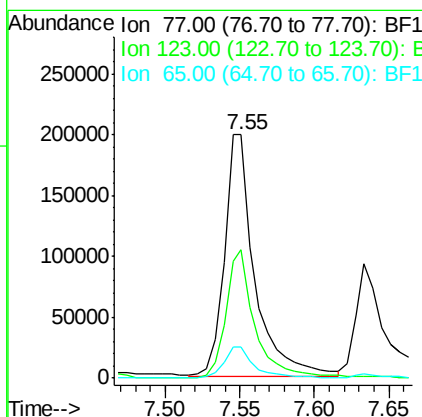
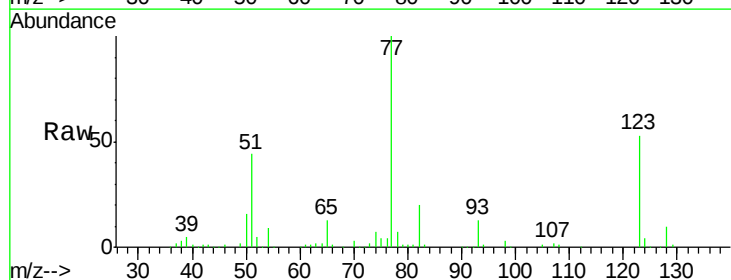
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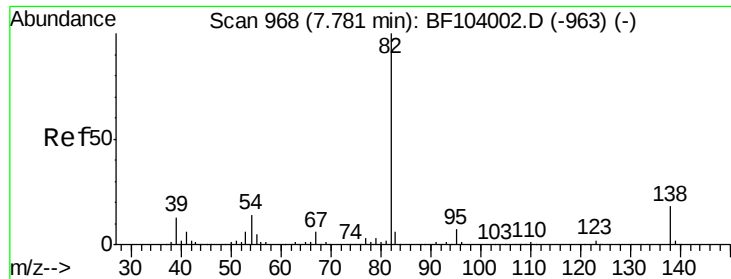
Sohil
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#24
 Nitrobenzene
 Concen: 31.652 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.5	37.9	56.9
65	12.5	11.0	16.4





#25

Isophorone

Concen: 33.700 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

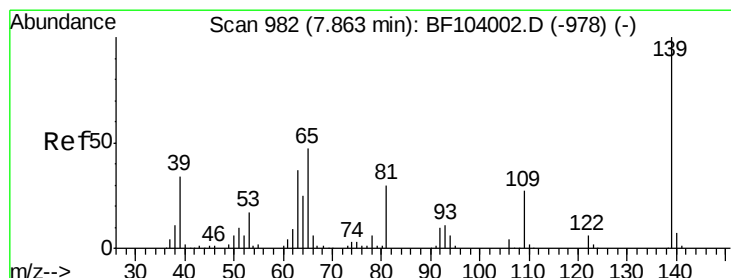
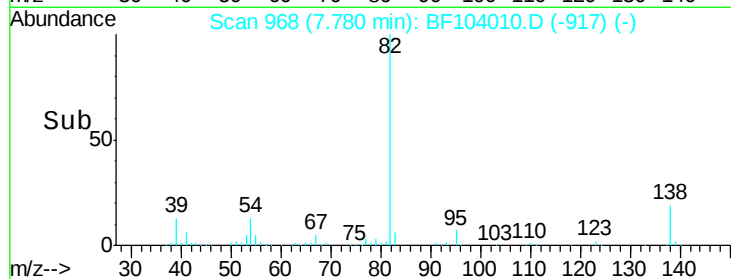
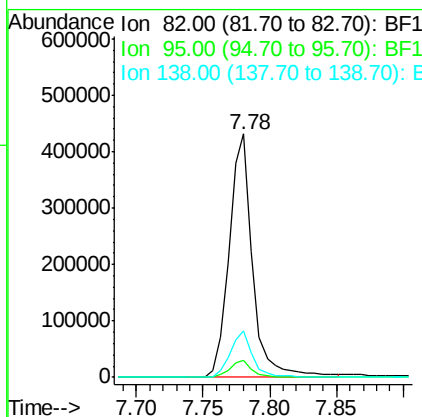
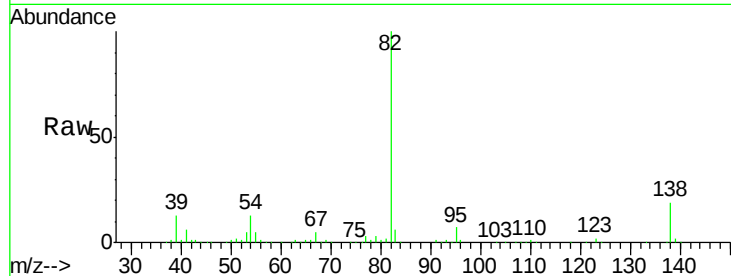
ClientSampleId :

PB107735BS

Tot Ion:	82	Resp:	529826
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 33.785 ng

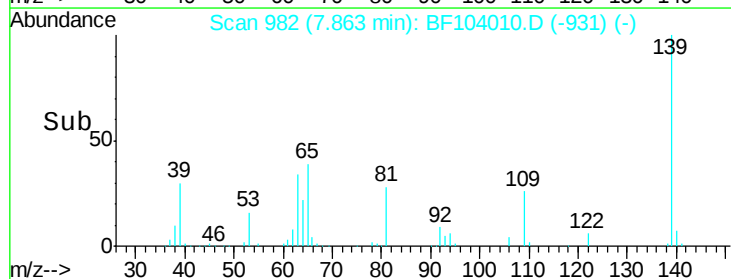
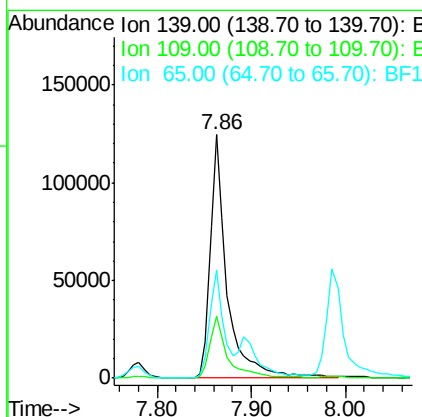
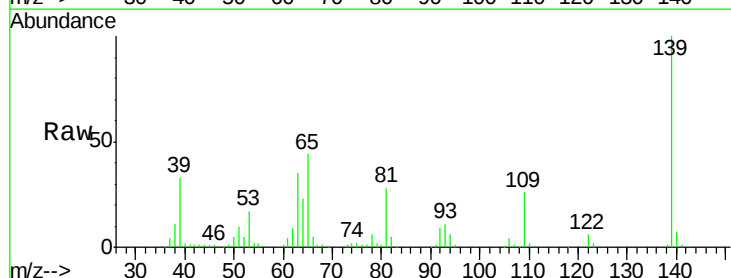
RT: 7.86 min Scan# 982

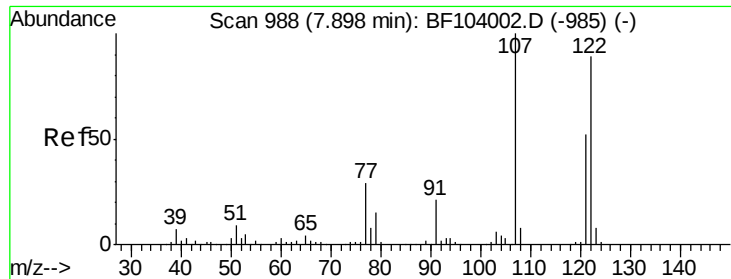
Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:	139	Resp:	158294
Ion Ratio	Lower	Upper	
139	100		
109	25.6	22.7	34.1
65	44.4	40.5	60.7





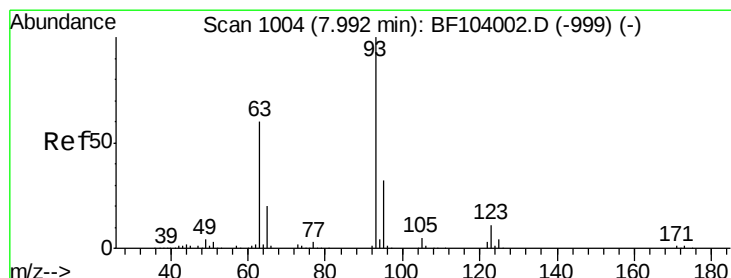
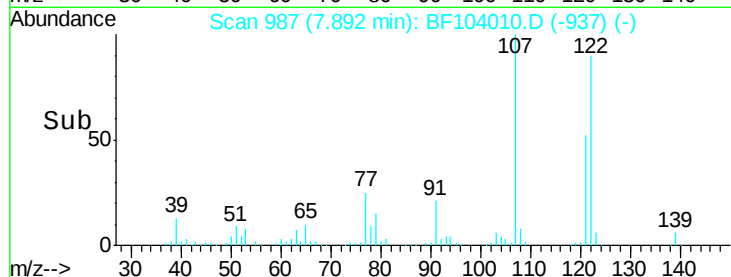
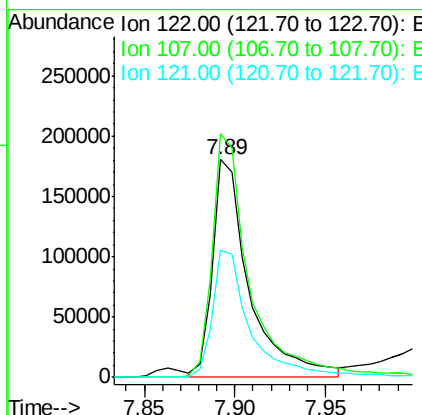
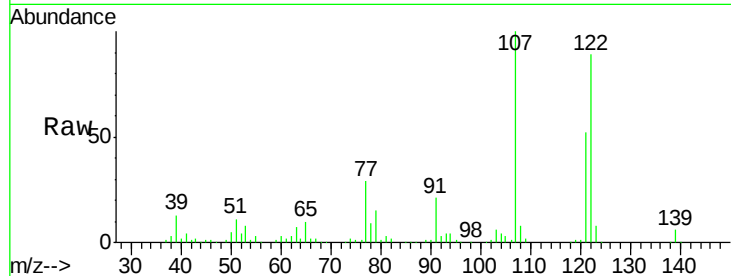
#27
2,4-Dimethylphenol
Concen: 37.510 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampled :
PB107735BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		253464		
107	112.0	91.2		136.8	
121	58.2	47.2		70.8	

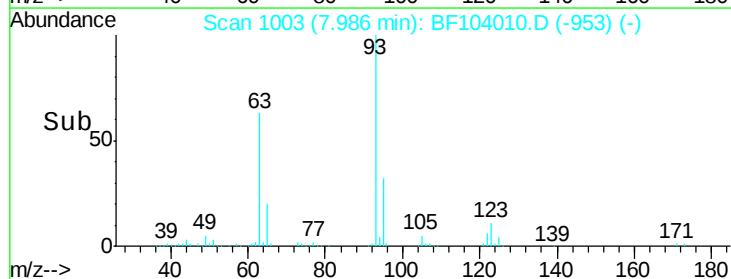
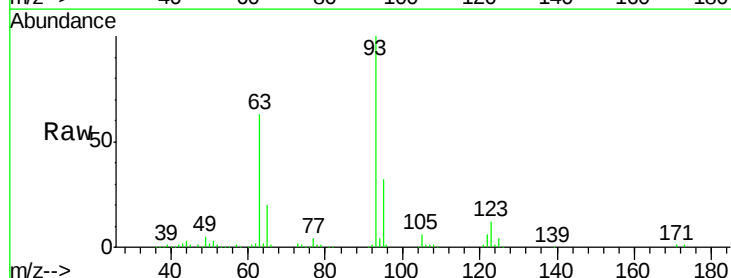
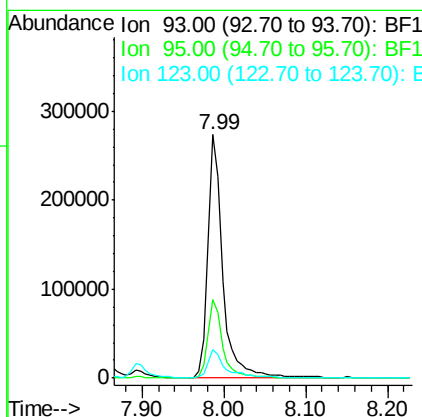
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 34.989 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		344765		
95	32.5	26.3		39.5	
123	11.6	9.8		14.6	





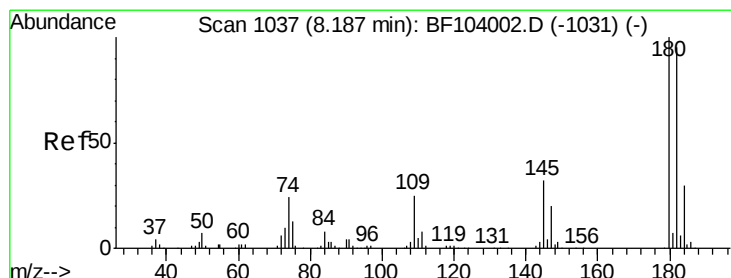
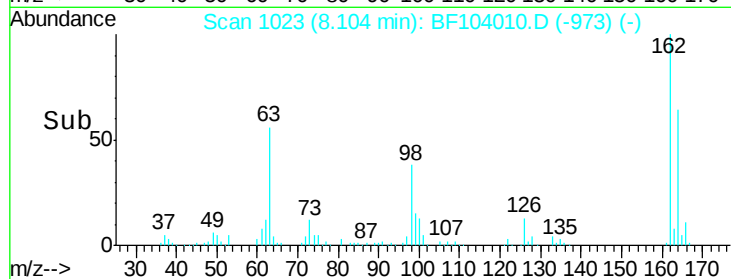
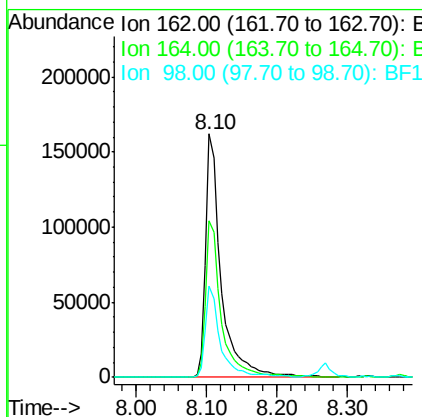
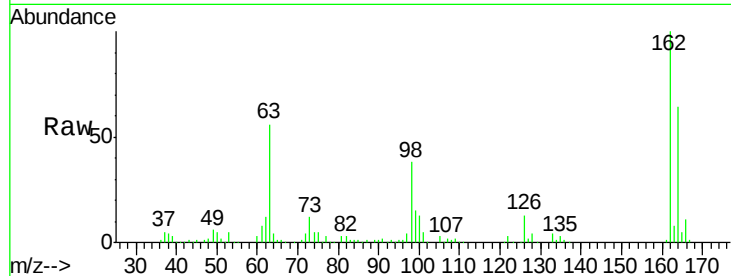
#29
 2,4-Dichlorophenol
 Concen: 35.260 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	248866		
164	64.4	42.7	82.7	
98	37.7	18.1	58.1	

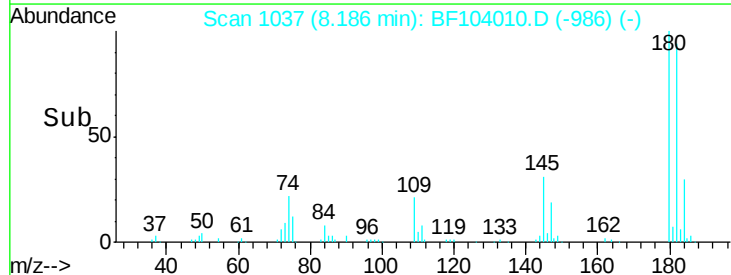
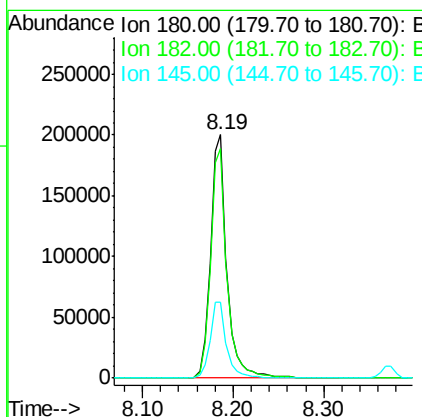
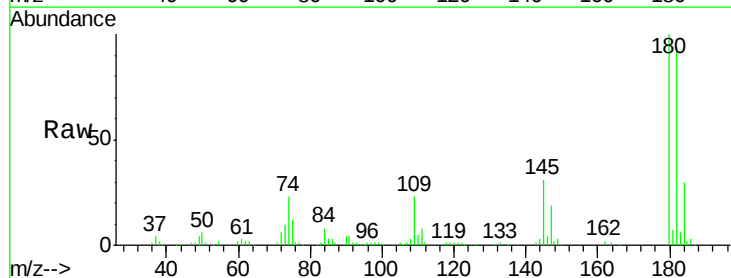
Manual Integrations
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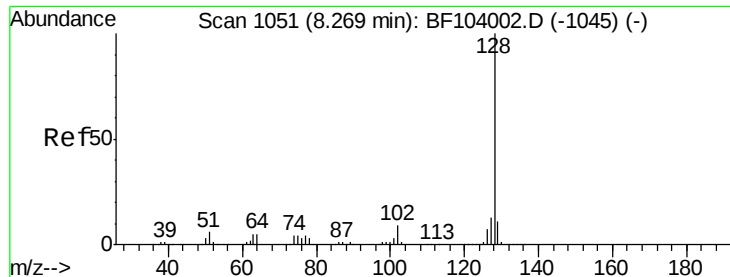
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.555 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	252697		
182	94.4	76.8	115.2	
145	31.1	26.5	39.7	





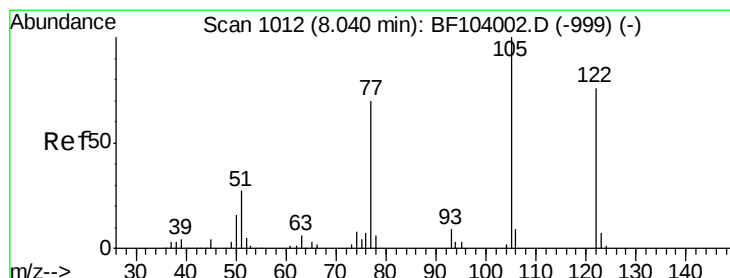
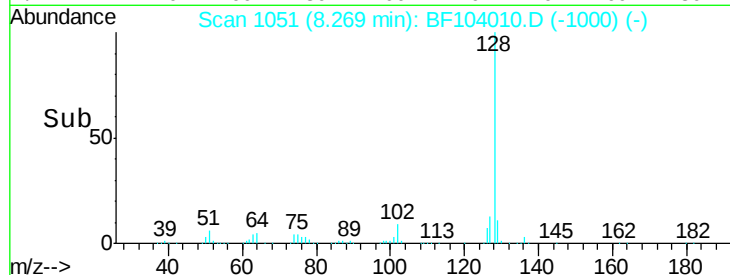
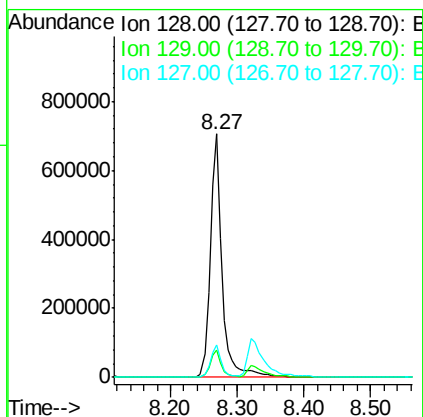
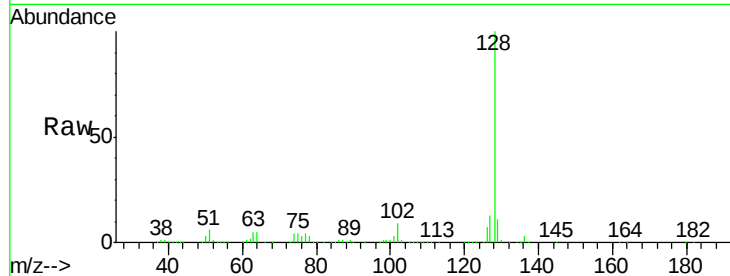
#31
Naphthalene
Concen: 34.307 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

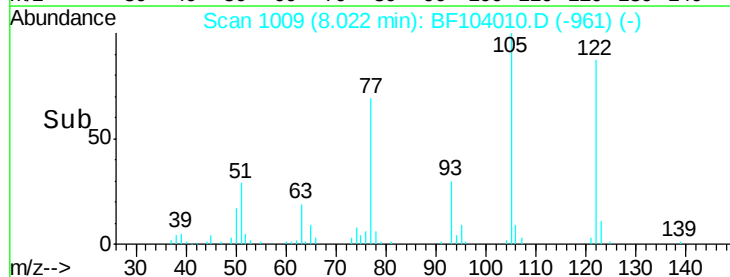
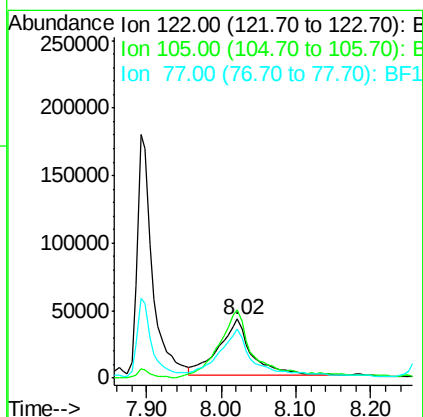
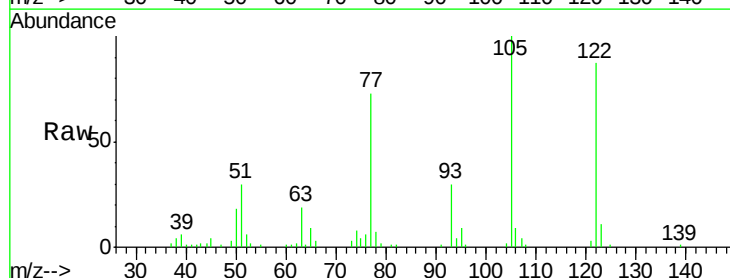
Manual Integrations
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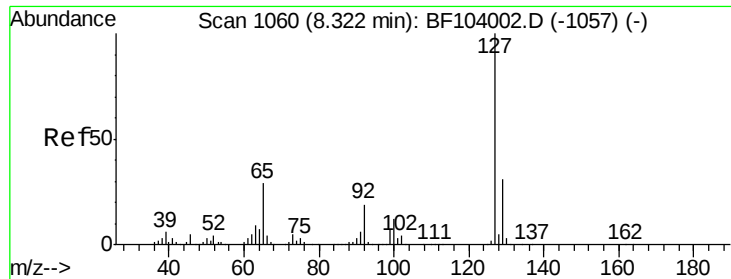
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#32
Benzoic acid
Concen: 25.783 ng m
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.5	101.1	141.1
77	83.9	70.7	110.7





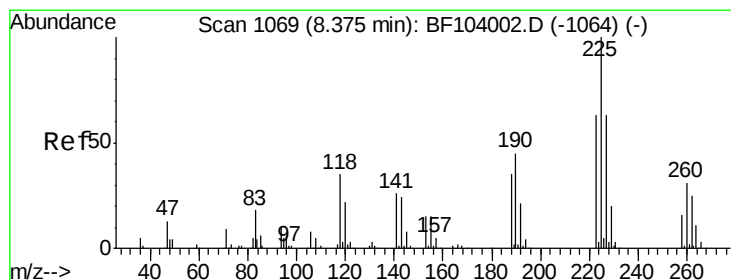
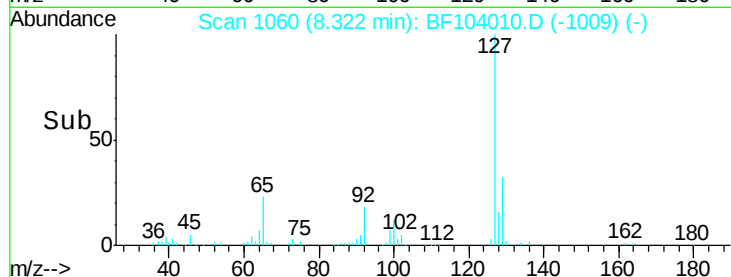
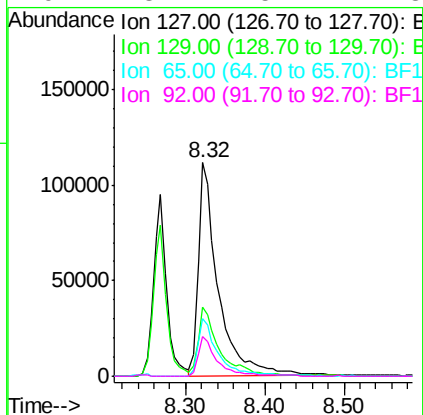
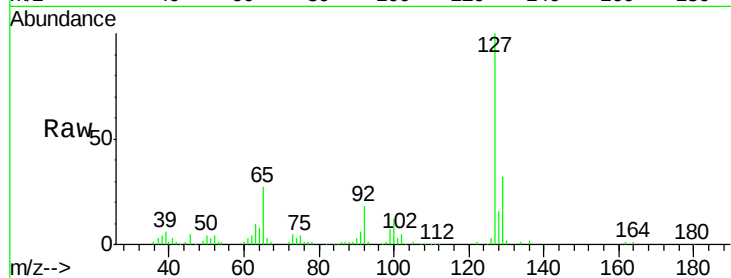
#33
4-Chloroaniline
Concen: 18.262 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		196230		
129	32.5	25.9	38.9		
65	27.3	25.0	37.4		
92	18.4	15.2	22.8		

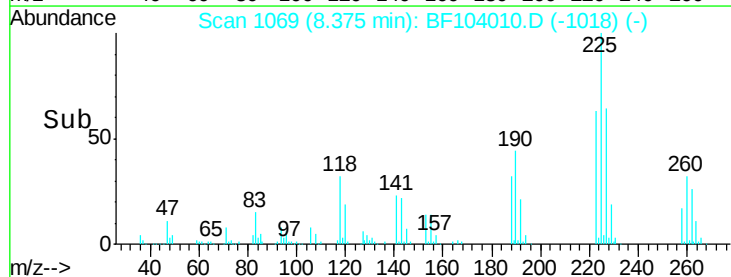
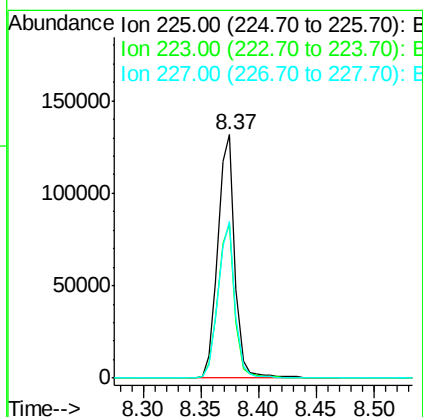
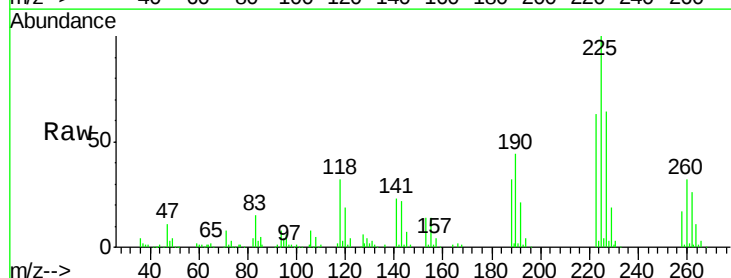
Manual Integrations
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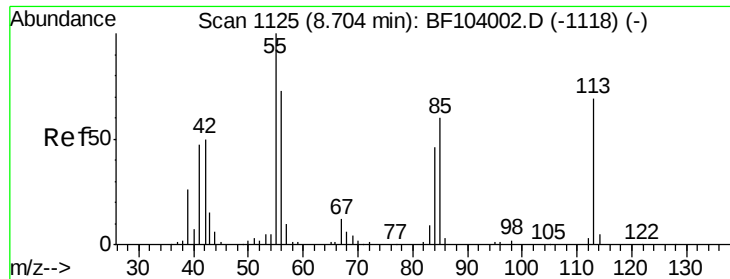
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#34
Hexachlorobutadiene
Concen: 31.107 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		135557		
223	63.4	50.6	76.0		
227	64.5	51.9	77.9		





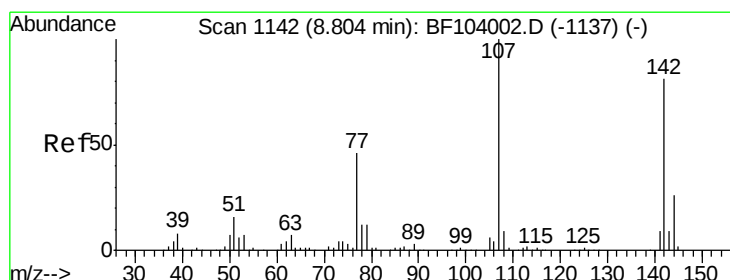
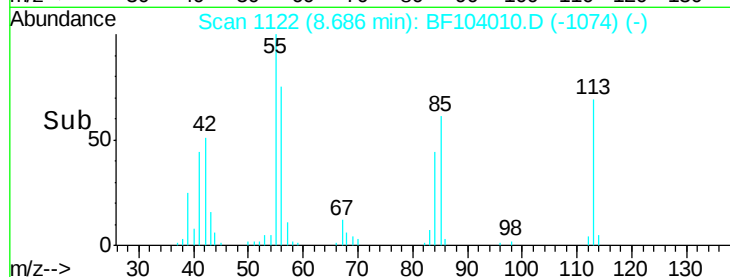
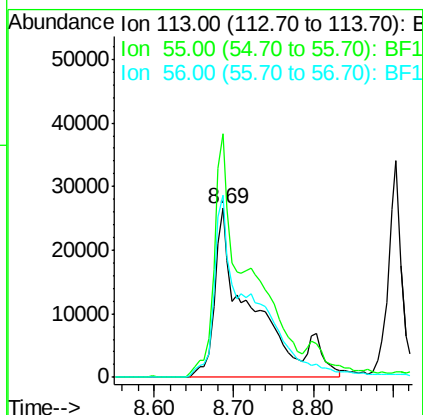
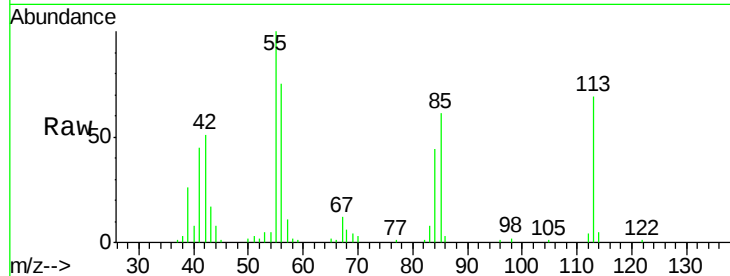
#35
Caprolactam
Concen: 38.682 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion: 113 Resp: 86570
Ion Ratio Lower Upper
113 100
55 144.1 163.3 203.3#
56 107.6 115.7 155.7#

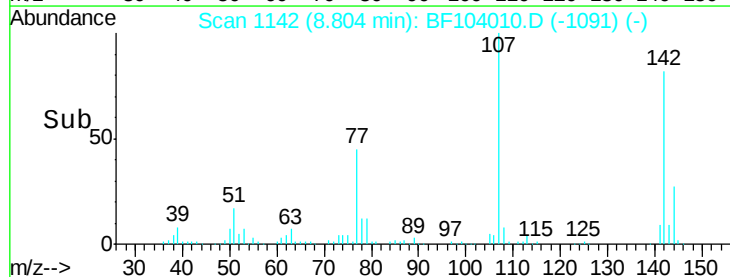
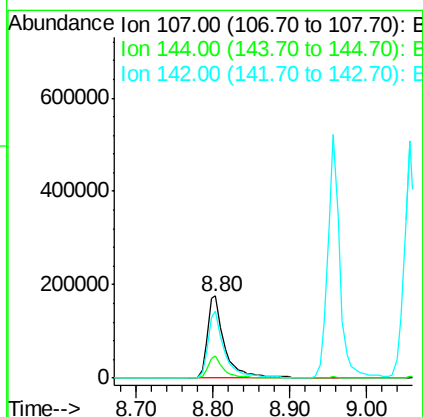
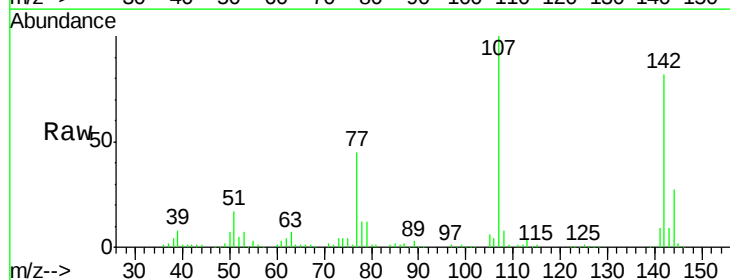
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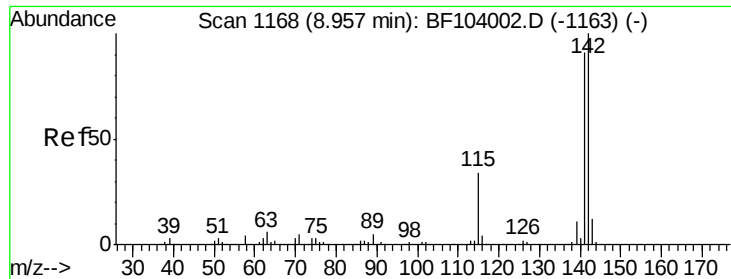
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#36
4-Chloro-3-methylphenol
Concen: 36.103 ng/ml
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion: 107 Resp: 269525
Ion Ratio Lower Upper
107 100
144 27.2 20.5 30.7
142 82.2 62.0 93.0





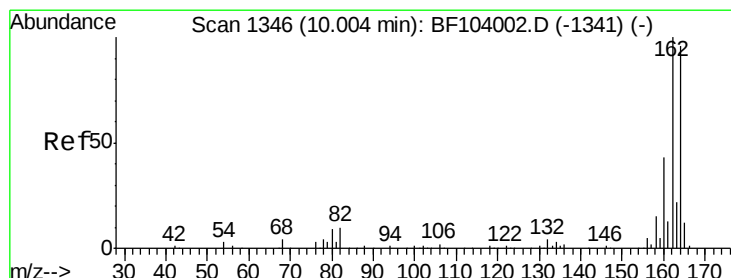
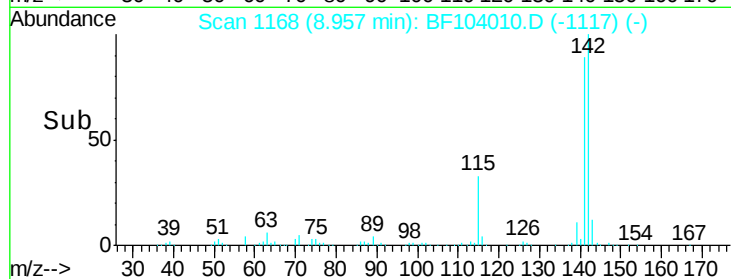
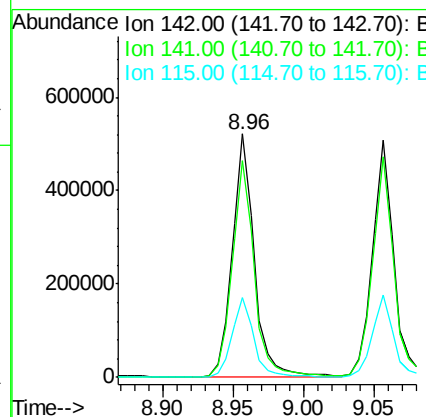
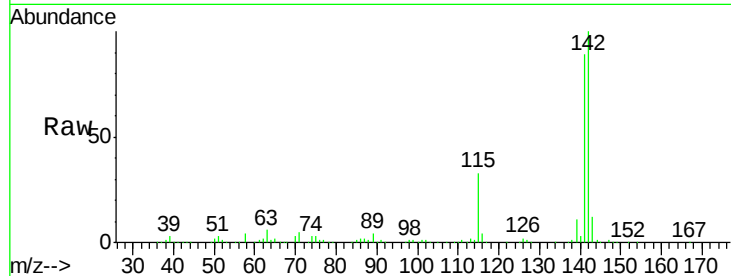
#37
2-Methylnaphthalene
Concen: 33.749 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	566606		
141	89.0		70.8	106.2
115	32.8		26.1	39.1

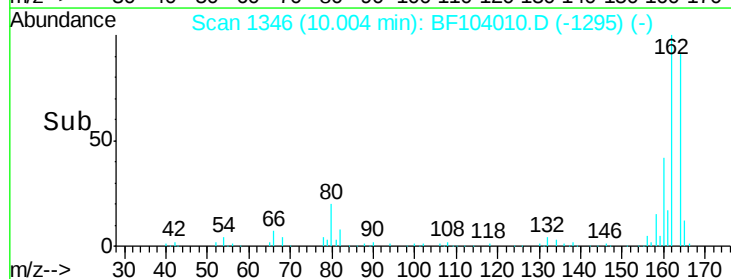
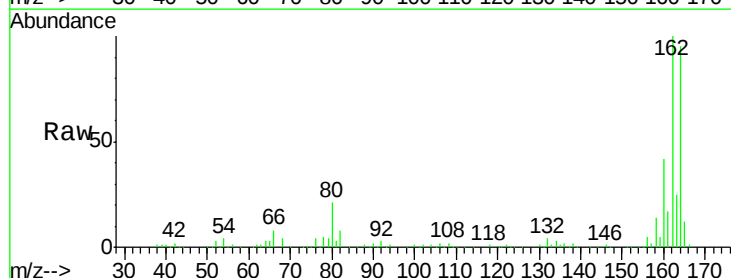
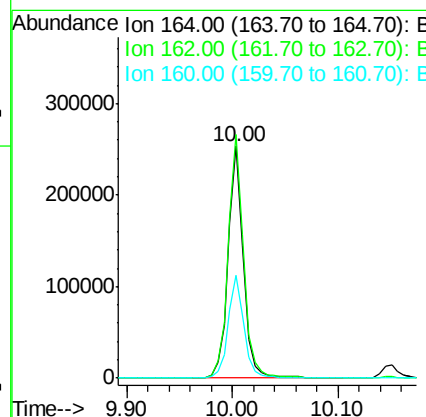
Manual Integrations
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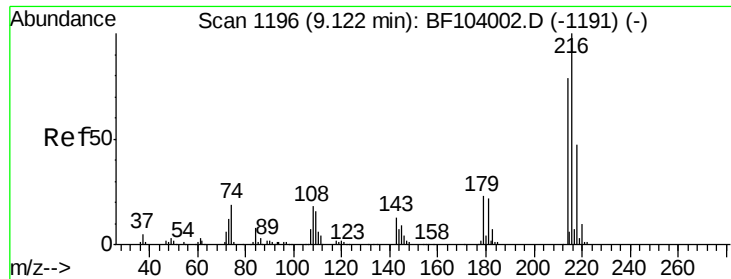
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256245		
162	105.1		86.1	129.1
160	44.3		38.3	57.5





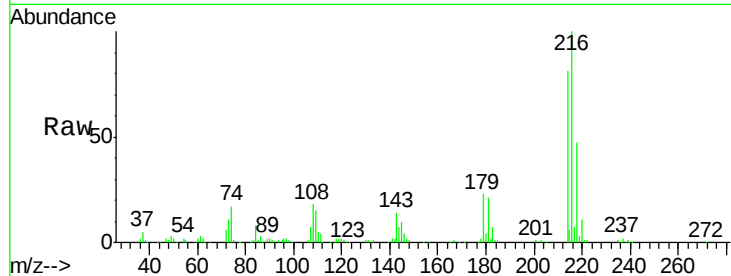
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.677 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

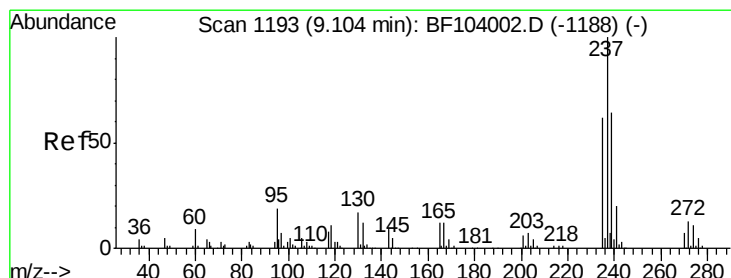
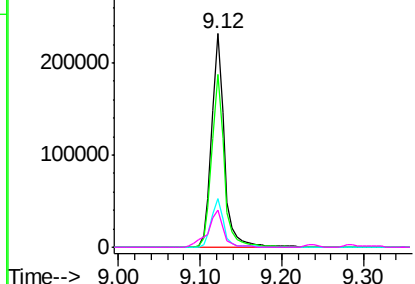
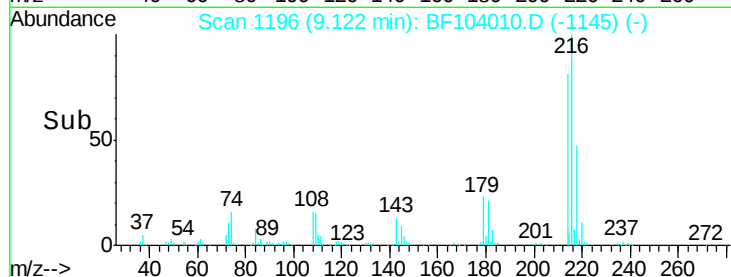
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		248913		
214	80.1		63.0	94.4	
179	22.3		18.1	27.1	
108	21.2		17.2	25.8	

Manual Integrations
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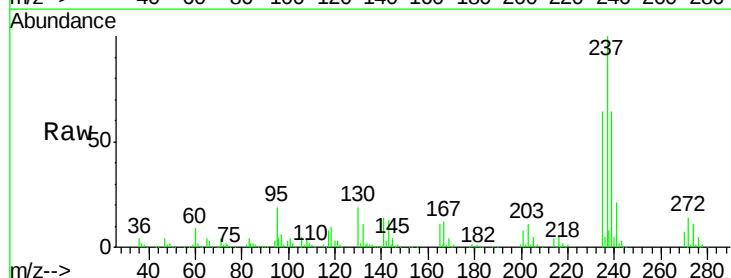


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

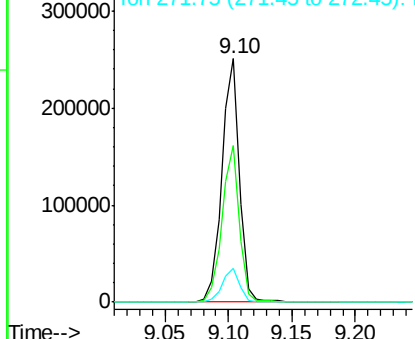
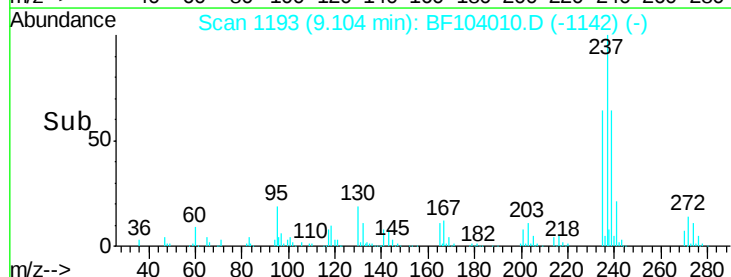


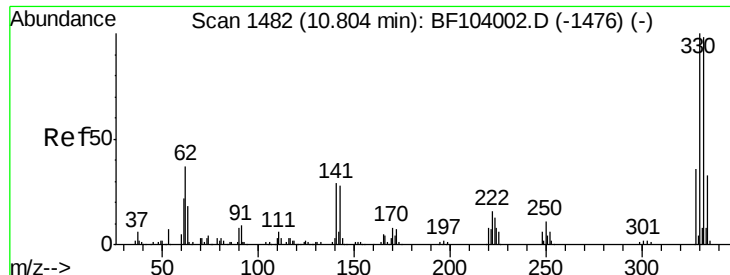
#40
 Hexachlorocyclopentadiene
 Concen: 66.509 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		242394		
235	64.4		44.8	84.8	
272	14.0		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





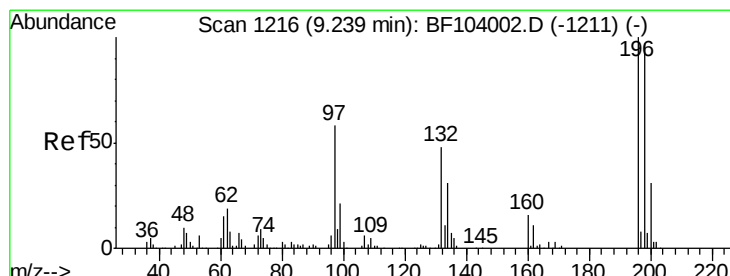
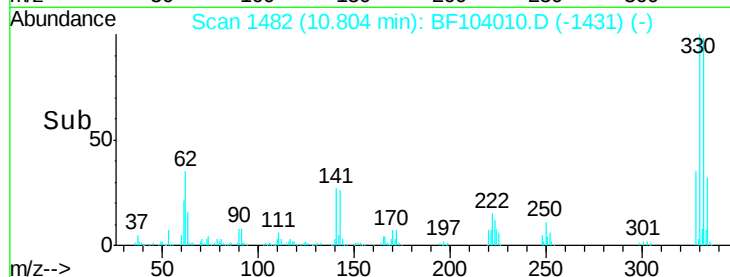
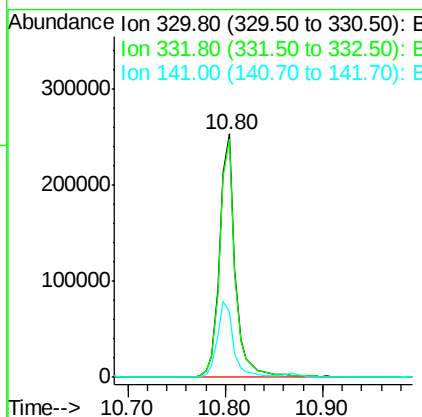
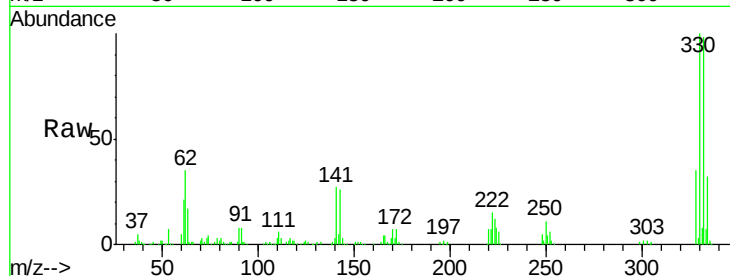
#41
 2,4,6-Tribromophenol
 Concen: 99.865 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Tot Ion:	330	Resp:	284943
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.0	115.6
141	31.8	29.9	44.9

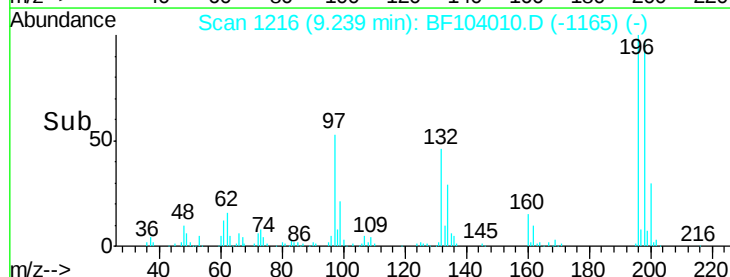
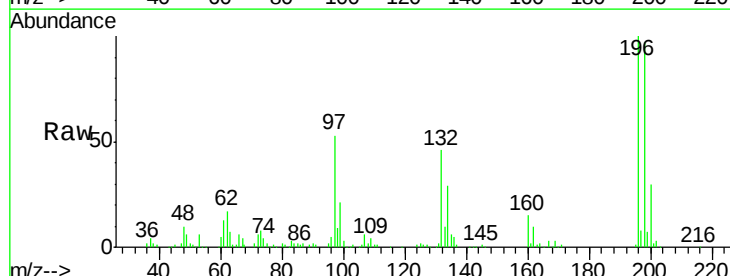
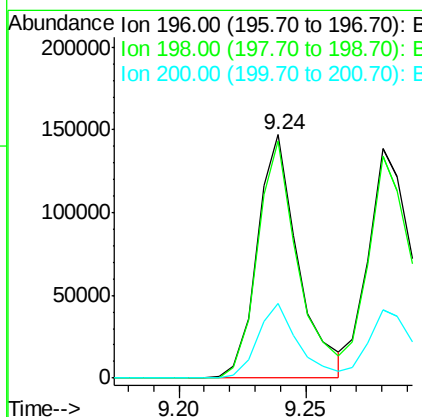
Manual Integrations
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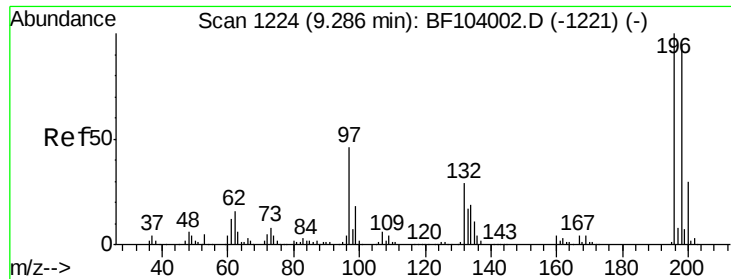
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 33.351 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion:	196	Resp:	165945
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.7	113.5
200	30.4	24.5	36.7





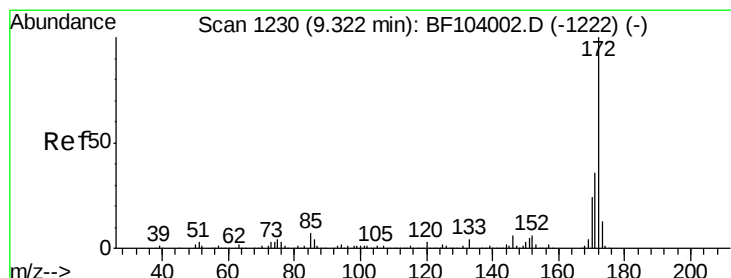
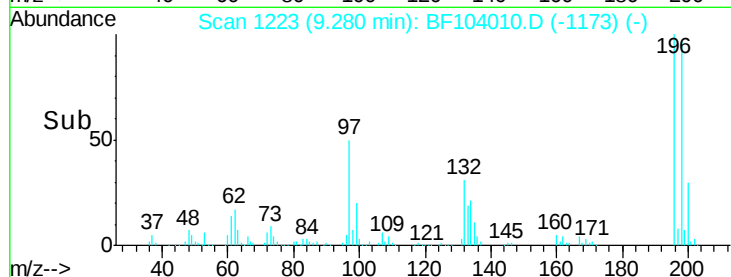
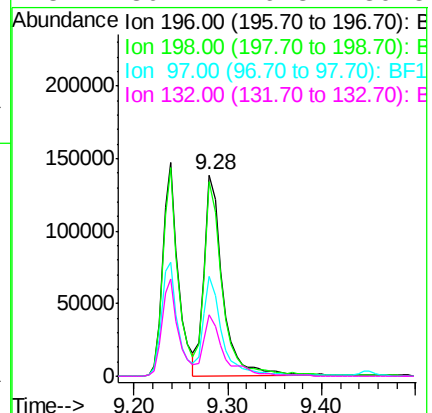
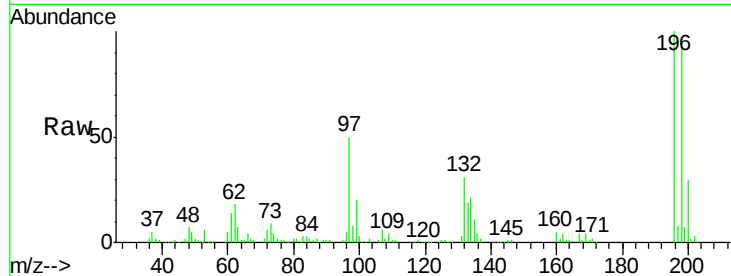
#43
 2,4,5-Trichlorophenol
 Concen: 31.784 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampled :
 PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	190950		
198	96.5	74.6	112.0	
97	49.9	42.9	64.3	
132	30.7	26.3	39.5	

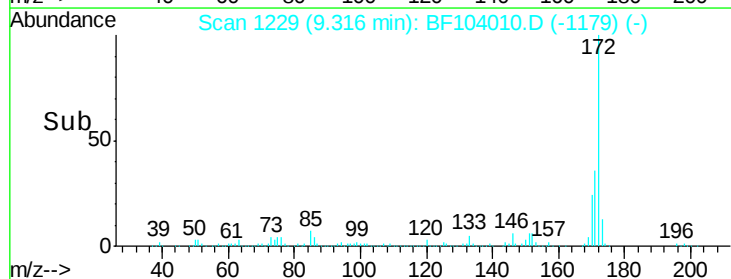
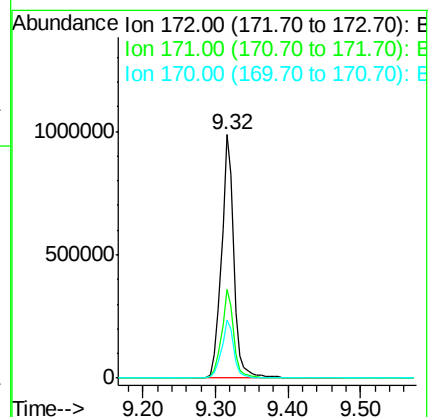
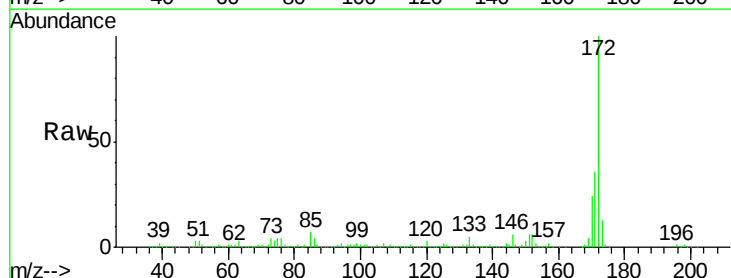
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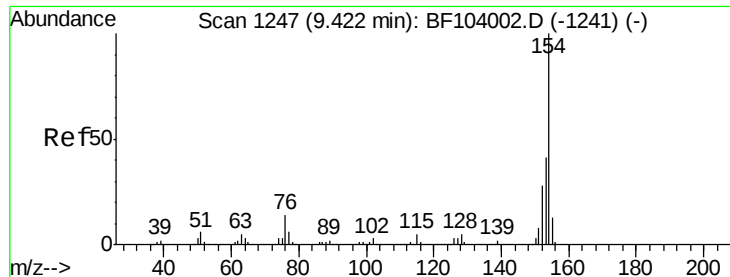
Sohil
 3/29/2018 5:36:12 PM



#44
 2-Fluorobiphenyl
 Concen: 72.072 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1171148		
171	36.3	29.7	44.5	
170	23.8	19.6	29.4	





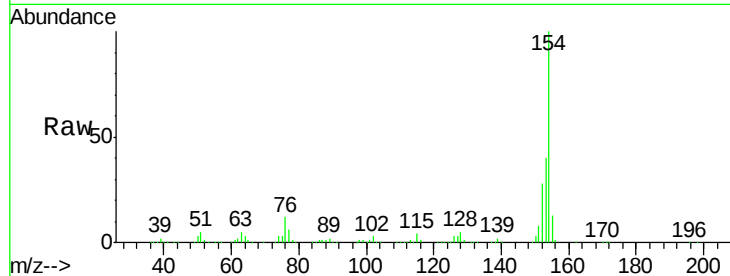
#45
1,1'-Biphenyl
Concen: 31.558 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

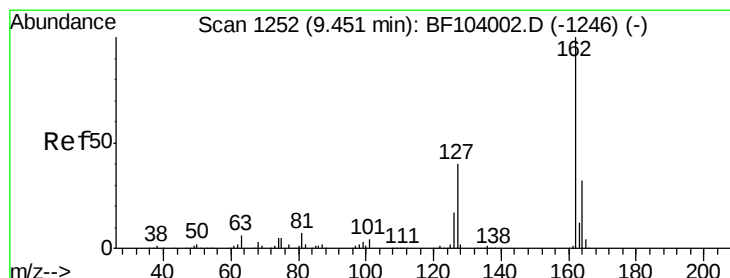
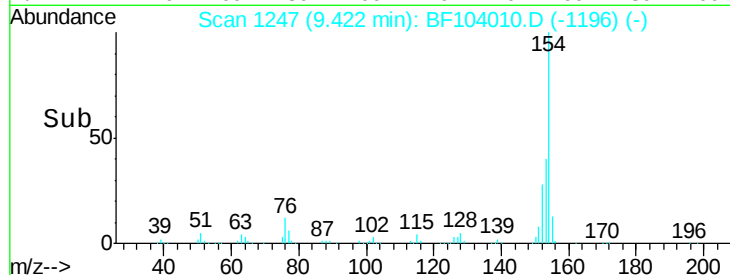
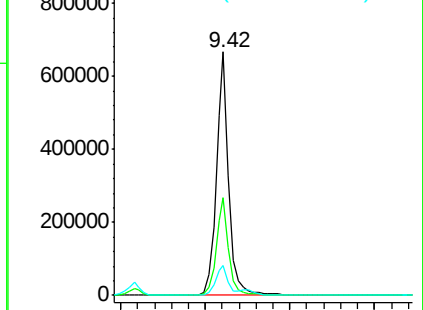
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	21.3	61.3	
76	12.3	0.0	34.0	

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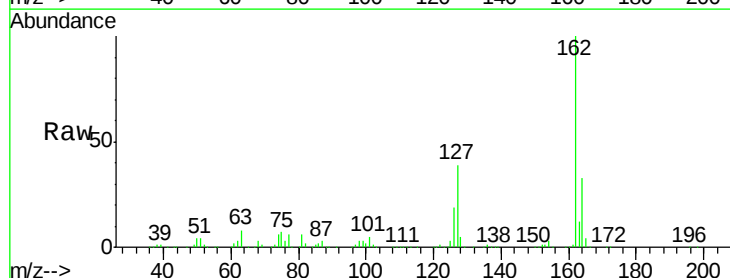


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

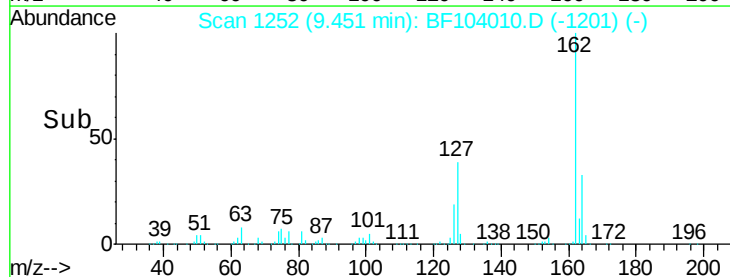
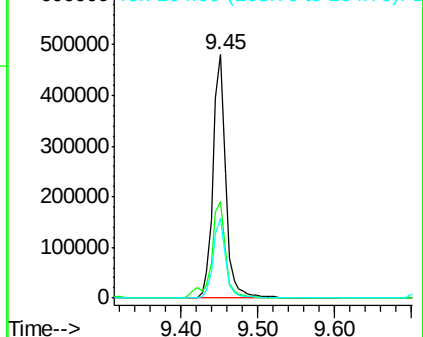


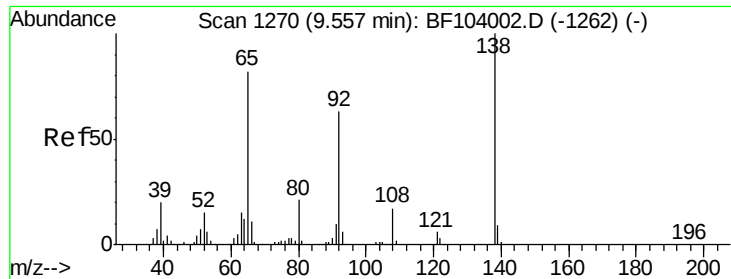
#46
2-Chloronaphthalene
Concen: 31.202 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.4	33.9	50.9	
164	33.0	26.5	39.7	



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





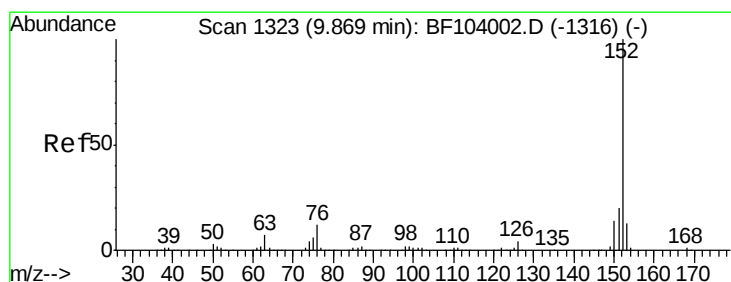
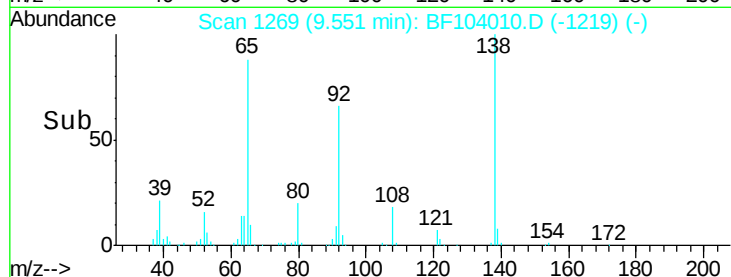
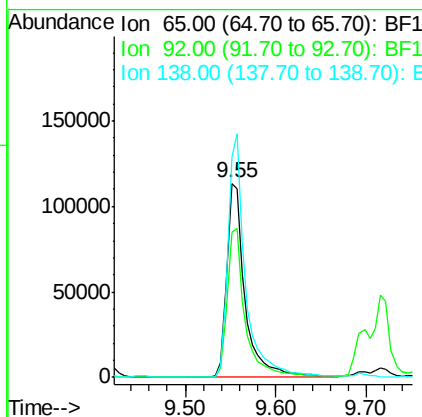
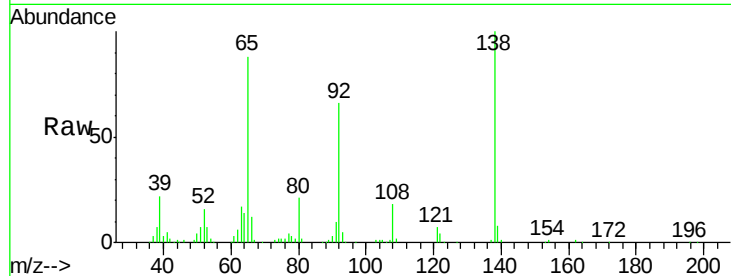
#47
2-Nitroaniline
Concen: 32.269 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	55.8	83.6
138	113.3	91.2	136.8

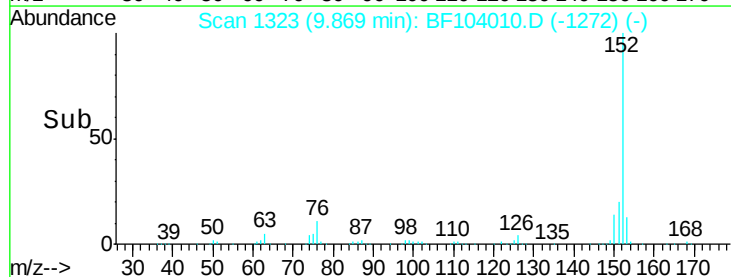
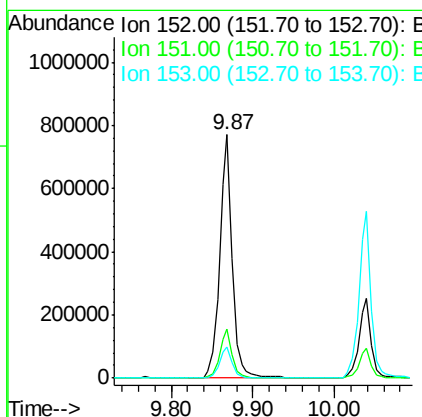
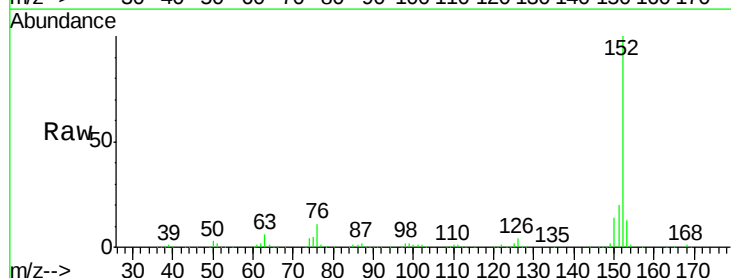
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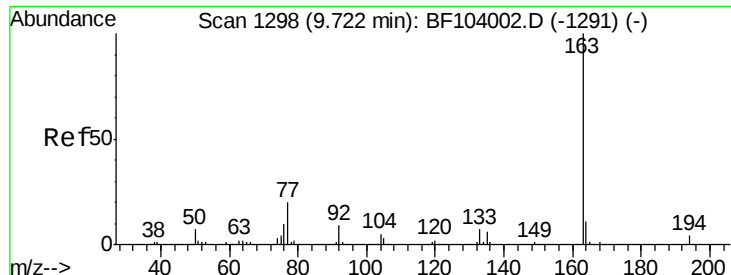
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#48
Acenaphthylene
Concen: 31.616 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.7	16.1





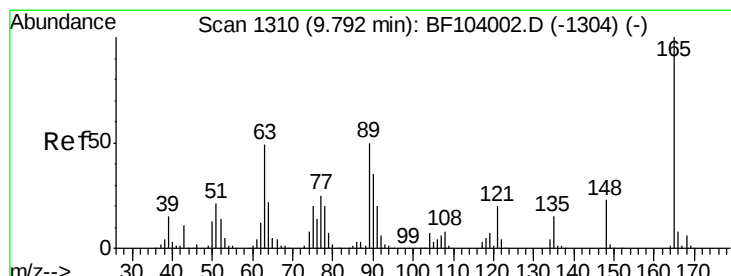
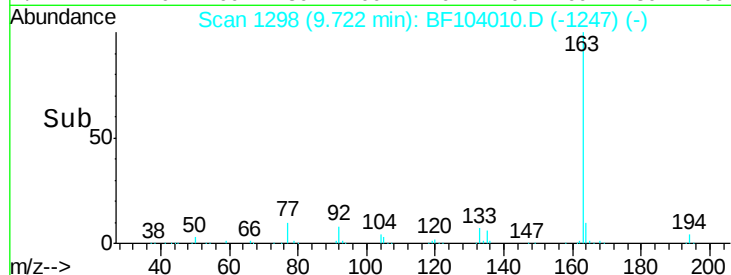
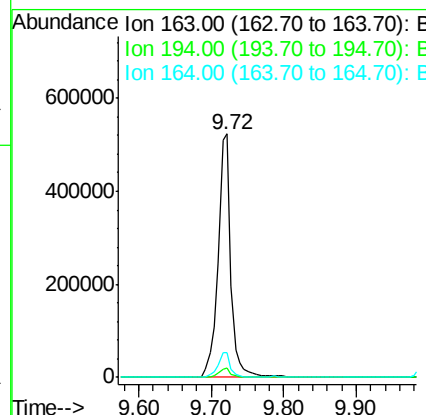
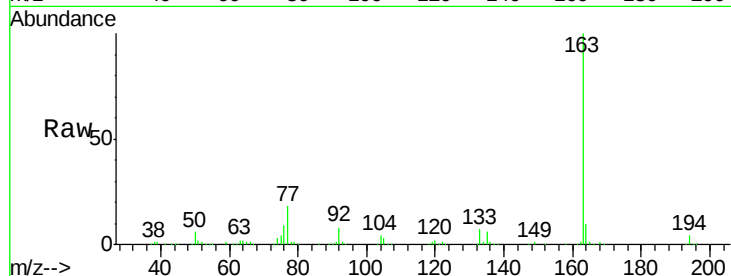
#49
Dimethylphthalate
Concen: 31.843 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	644233		
194	3.7		2.7	4.1
164	10.3		8.2	12.2

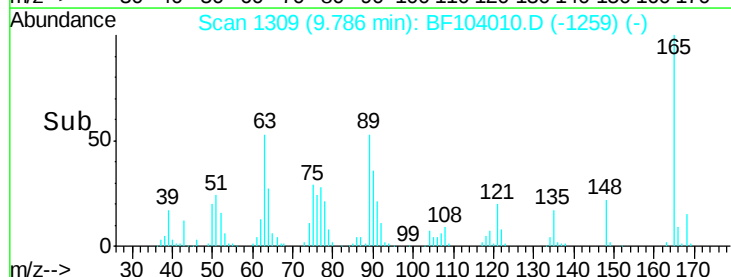
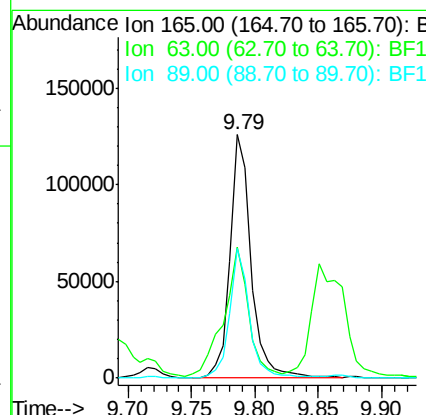
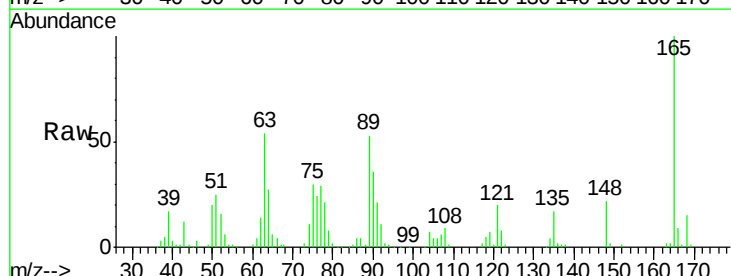
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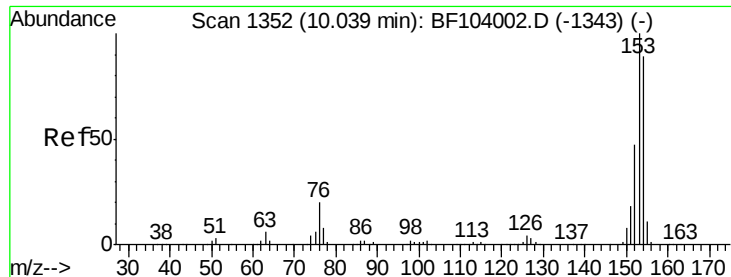
Sohil
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#50
2,6-Dinitrotoluene
Concen: 33.436 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145532		
63	53.8		44.7	67.1
89	53.0		44.0	66.0





#51

Acenaphthene

Concen: 31.061 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

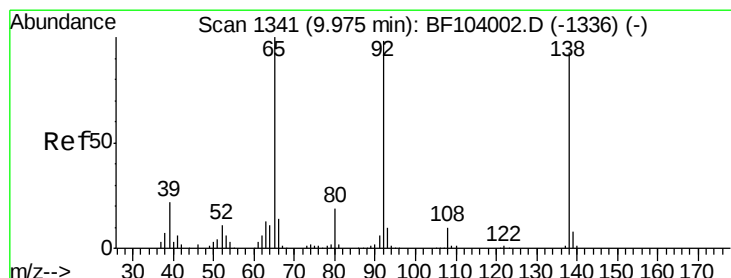
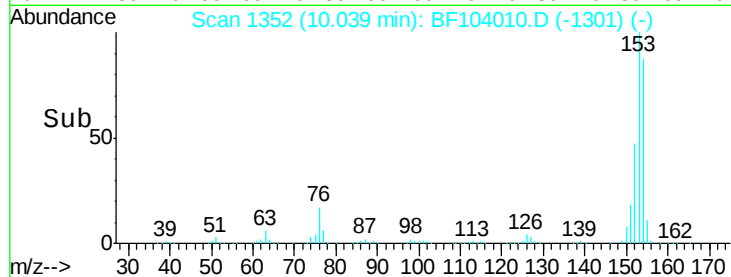
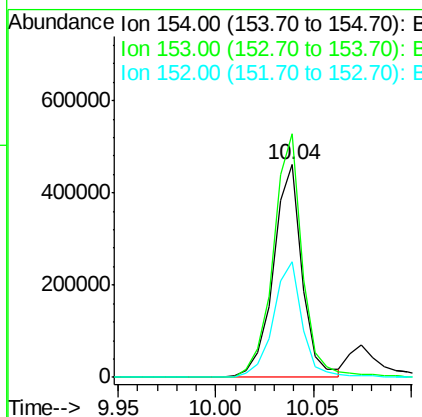
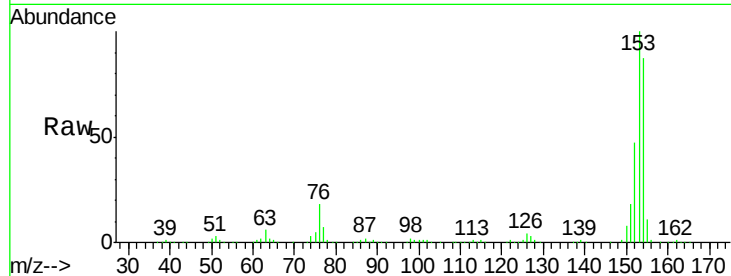
ClientSampleId :

PB107735BS

Tot Ion:	154	Resp:	472242
Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.2	136.8
152	54.4	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 20.710 ng

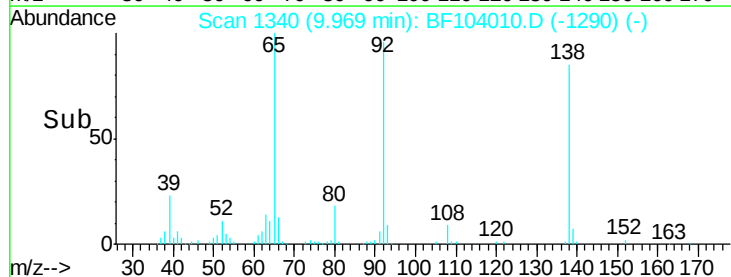
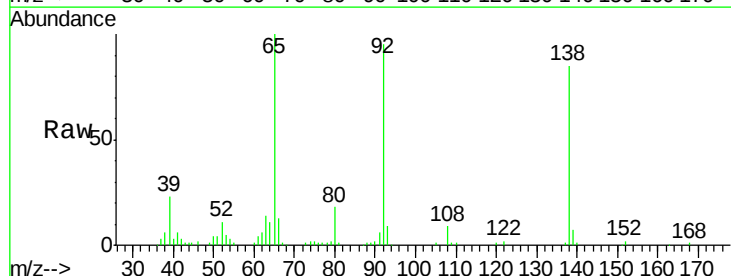
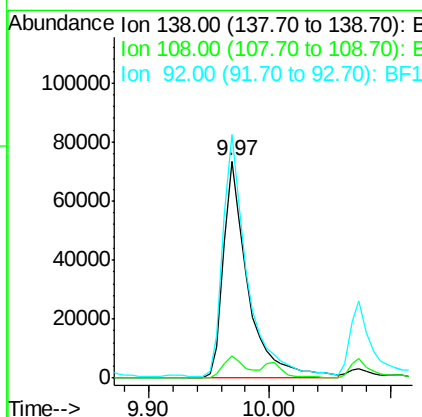
RT: 9.97 min Scan# 1340

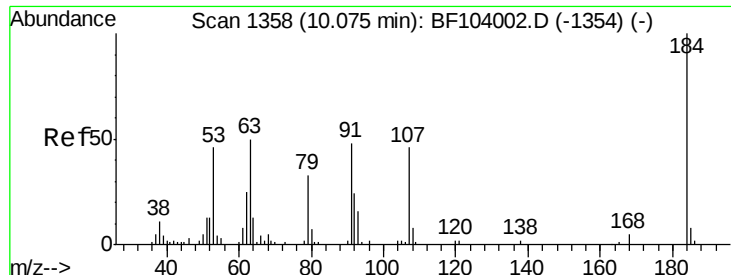
Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:	138	Resp:	103620
Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	112.2	89.4	134.2





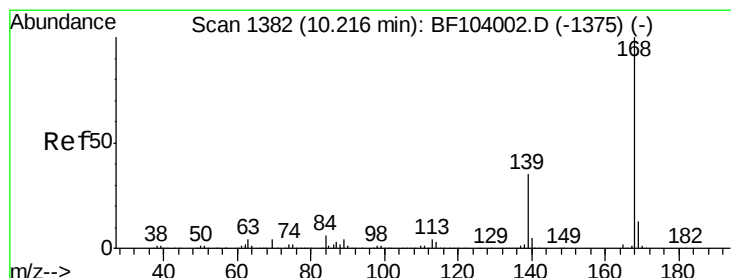
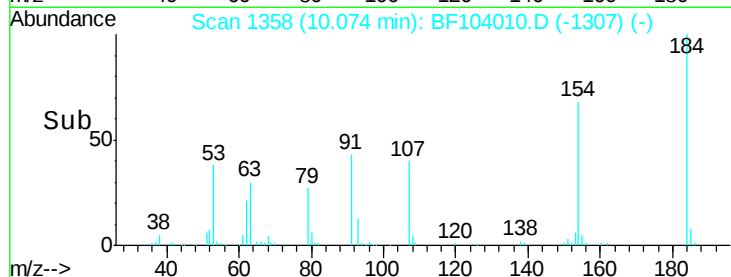
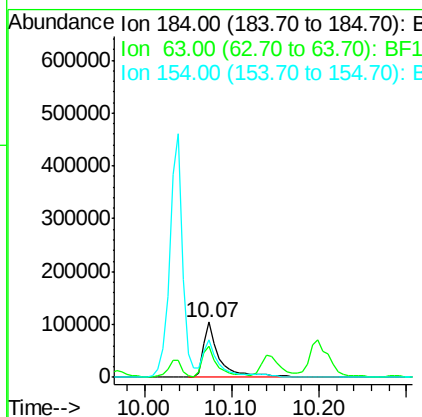
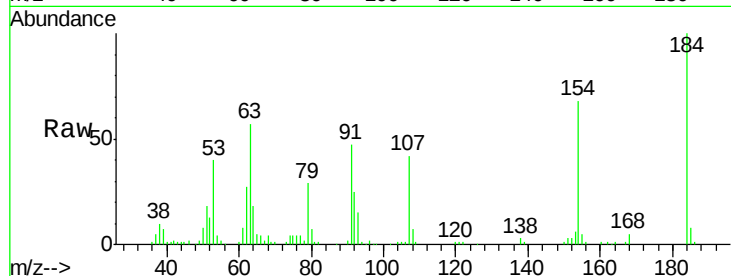
#53
2,4-Dinitrophenol
Concen: 71.640 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	134940		
63	56.6	54.2	81.2	
154	67.8	184.0	276.0	

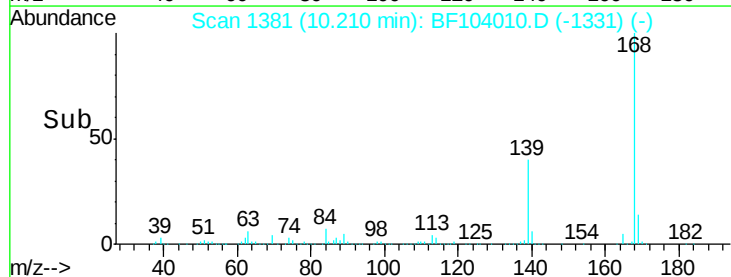
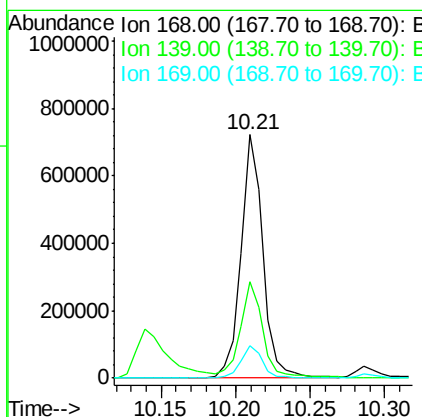
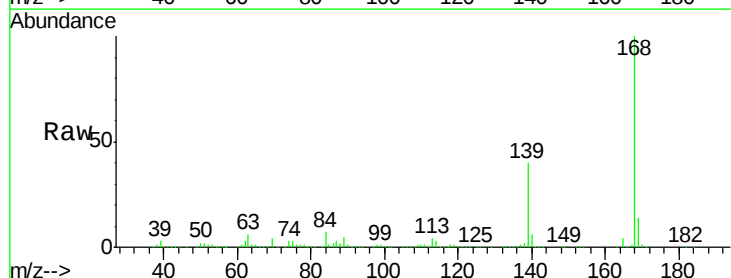
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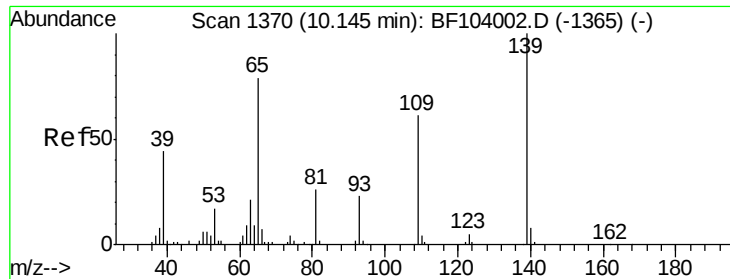
Sohil
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#54
Dibenzofuran
Concen: 33.267 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	738599		
139	39.6	30.1	45.1	
169	13.6	10.9	16.3	





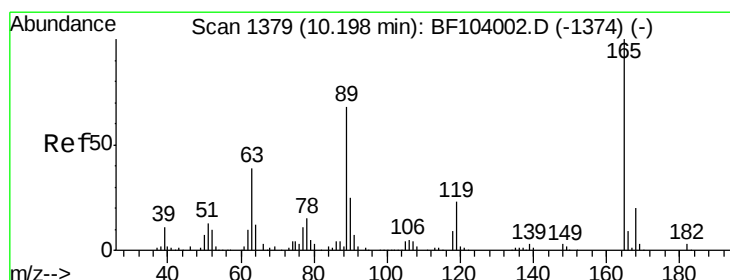
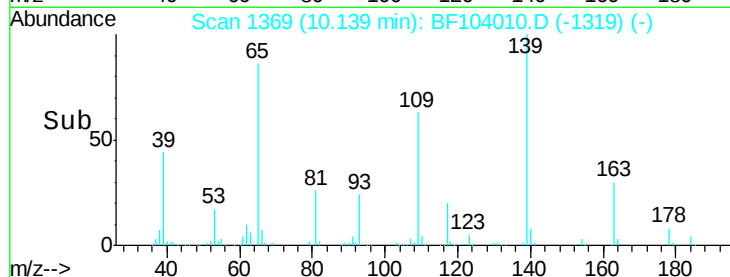
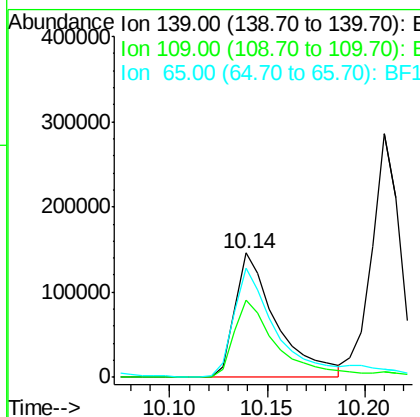
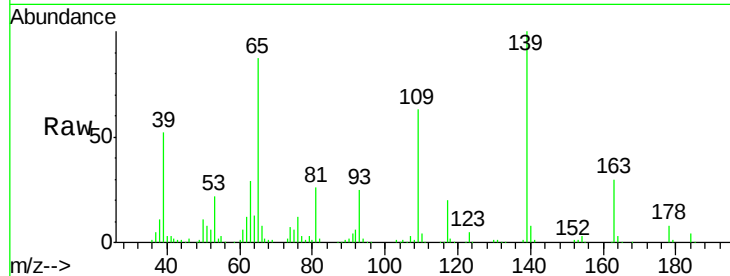
#55
4-Nitrophenol
Concen: 71.499 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	214504		
109	62.6	48.4	88.4	
65	87.5	72.6	112.6	

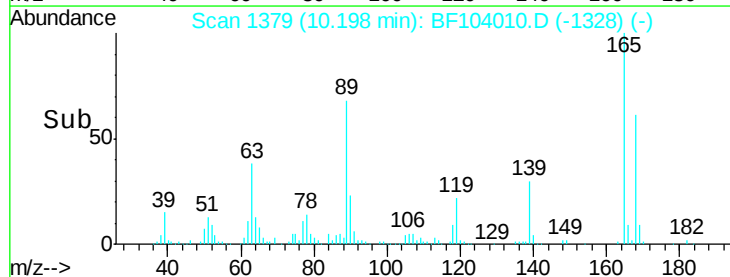
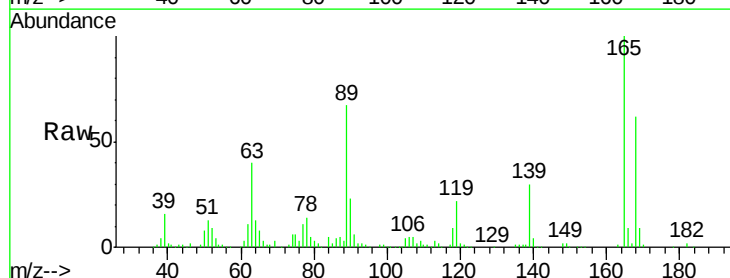
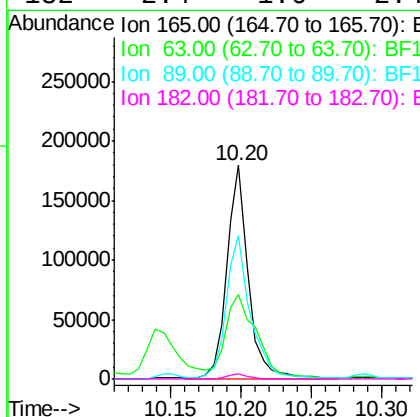
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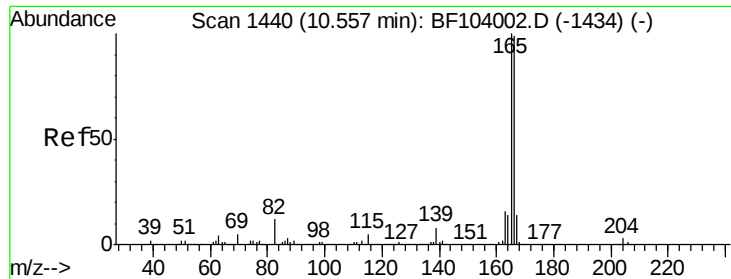
Sohil
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#56
2,4-Dinitrotoluene
Concen: 33.957 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188601		
63	39.7	36.4	54.6	
89	67.4	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 32.525 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

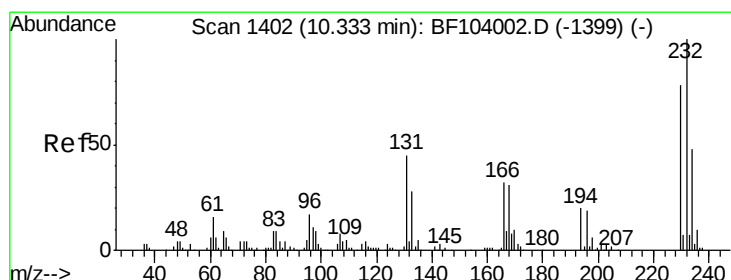
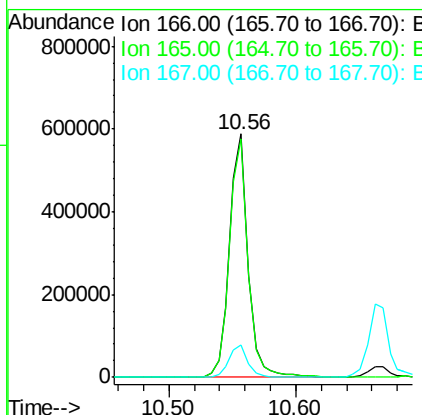
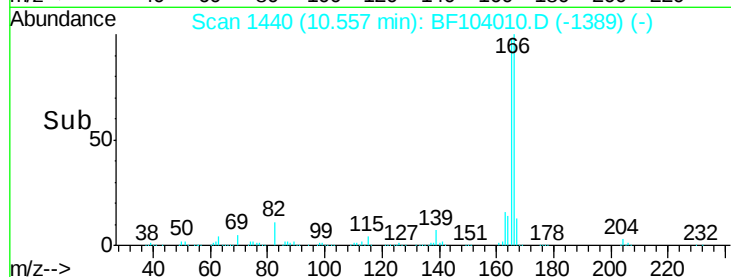
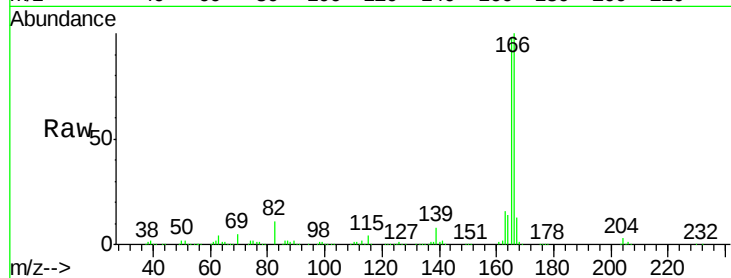
ClientSampleId :

PB107735BS

Tot Ion:	166	Resp:	595682
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.003 ng

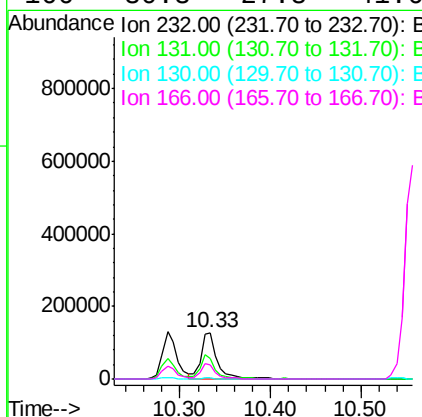
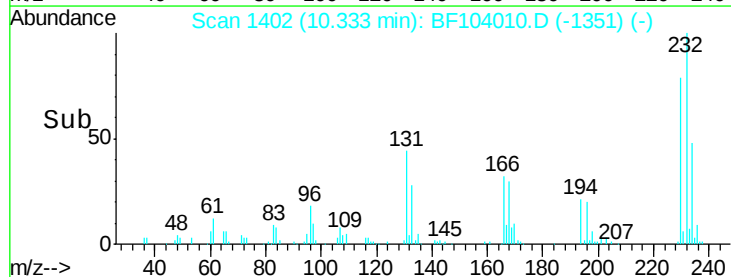
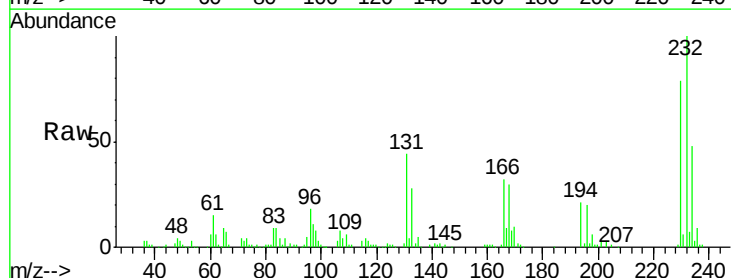
RT: 10.33 min Scan# 1402

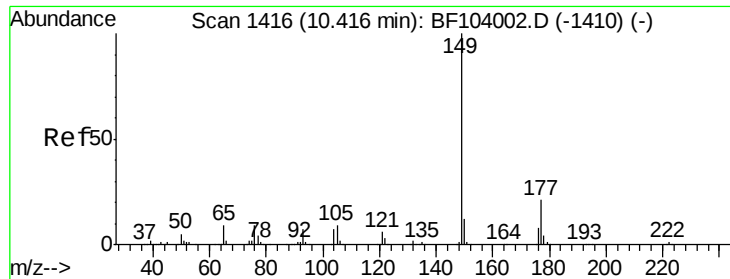
Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:	232	Resp:	162055
Ion Ratio	Lower	Upper	
232	100		
131	44.8	43.8	65.8
130	2.1	2.1	3.1
166	30.3	27.8	41.6





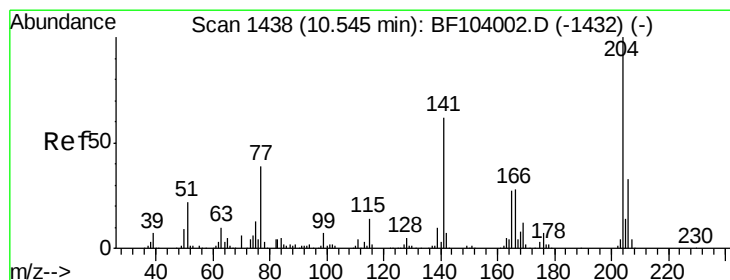
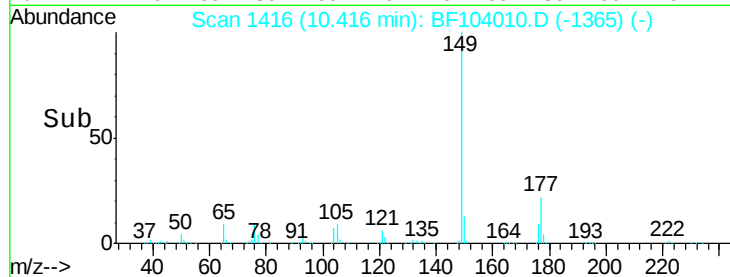
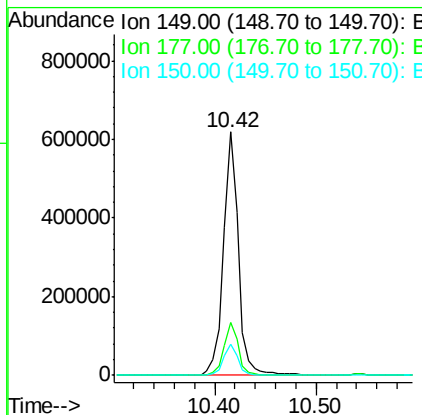
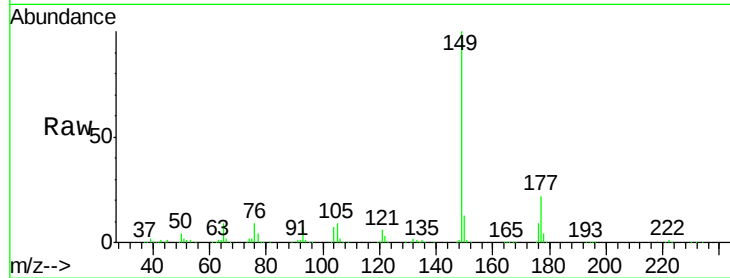
#59
Diethylphthalate
Concen: 32.666 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.9	10.1	15.1

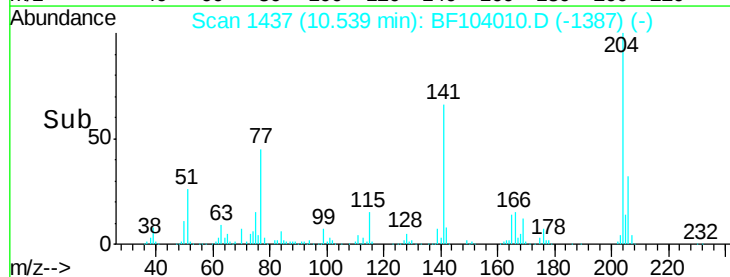
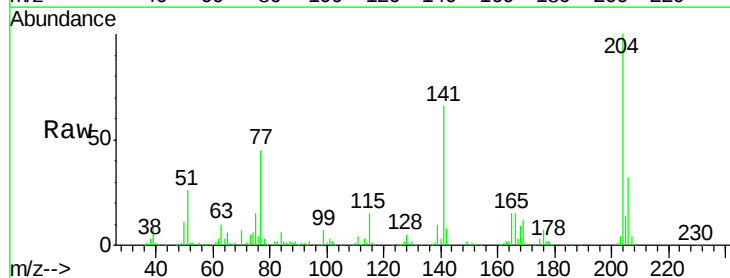
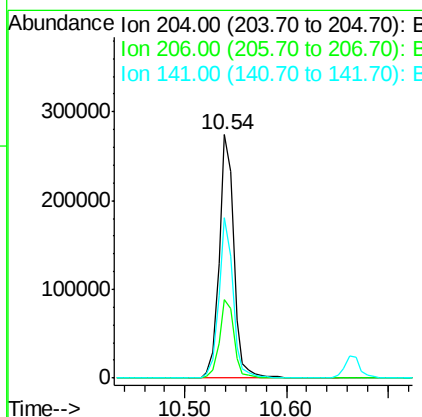
Manual Integrations
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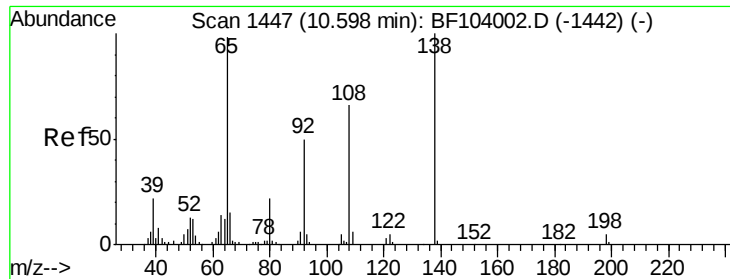
Sohil
3/29/2018 5:36:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.821 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	65.7	54.6	81.8





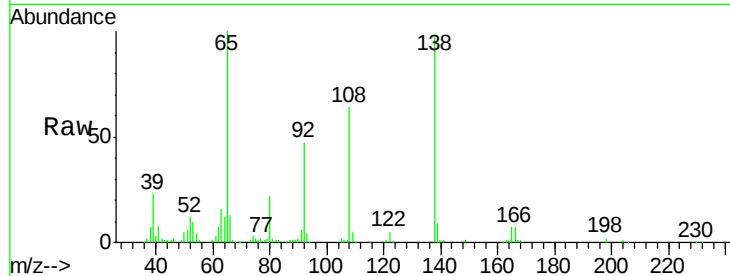
#61
4-Nitroaniline
Concen: 32.258 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

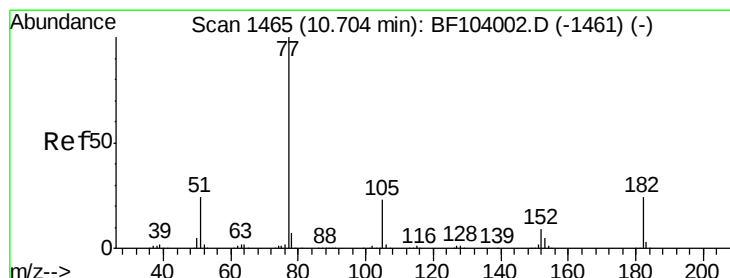
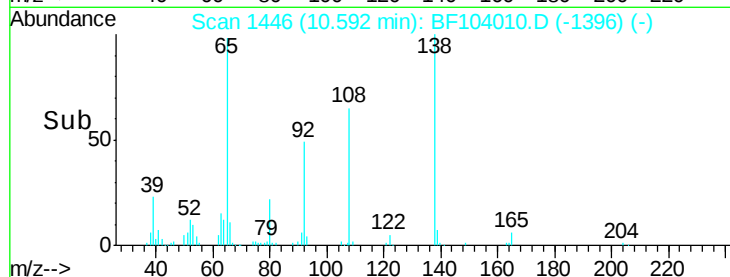
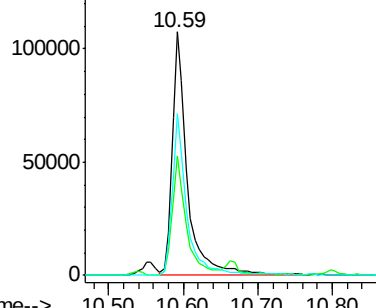
Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.2	70.2
108	66.3	52.5	92.5

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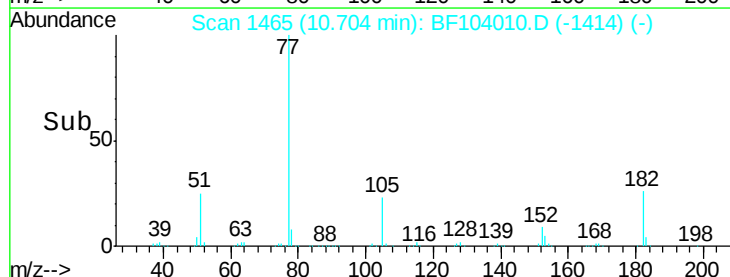
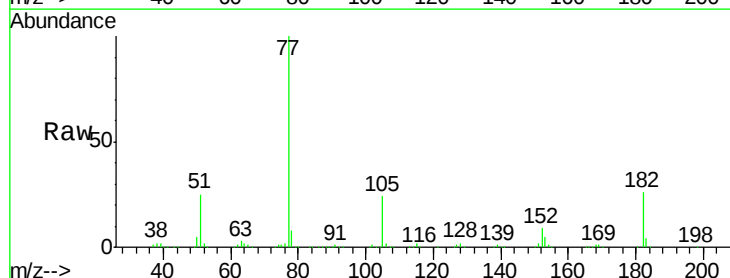
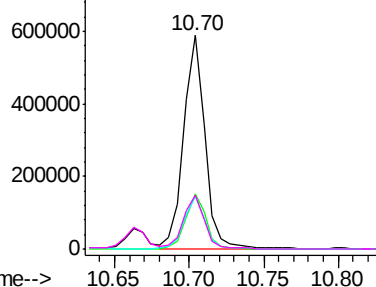
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

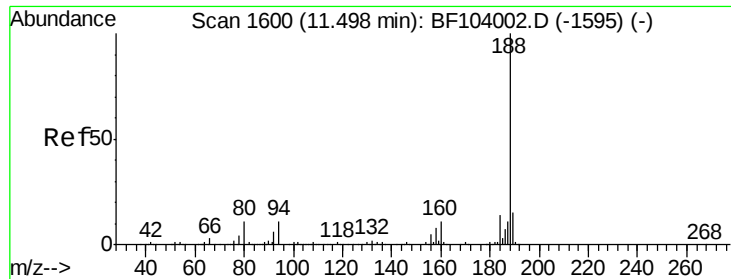


#62
Azobenzene
Concen: 33.085 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	1.7	41.7
105	24.5	3.0	43.0
51	25.0	9.9	49.9

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

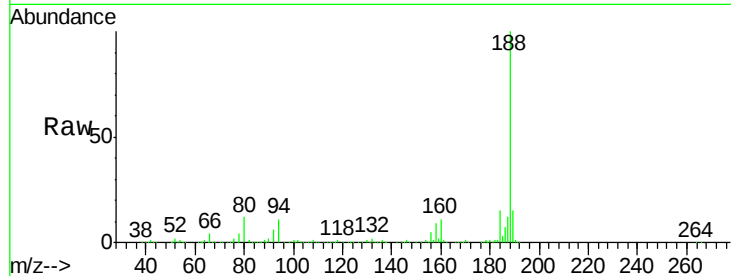
ClientSampleId :

PB107735BS

Tot Ion:	188	Resp:	491551
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	11.5	9.2	13.8

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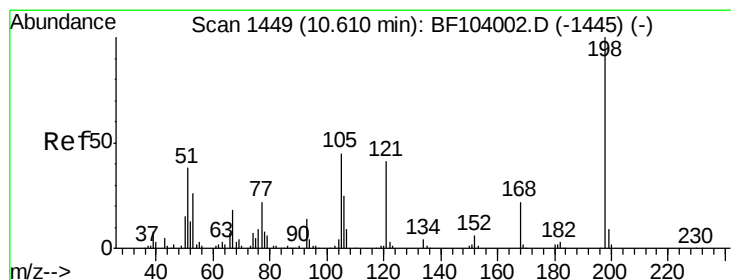
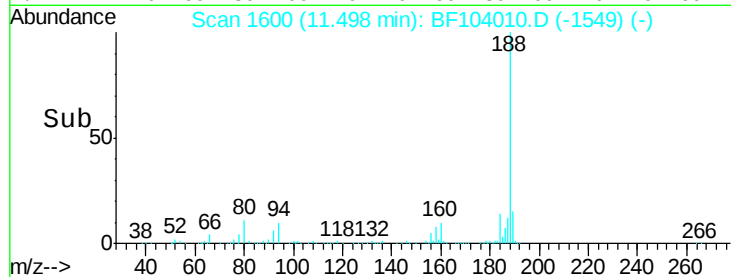
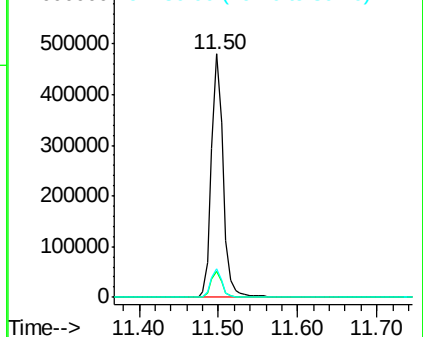
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 29.675 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF104010.D

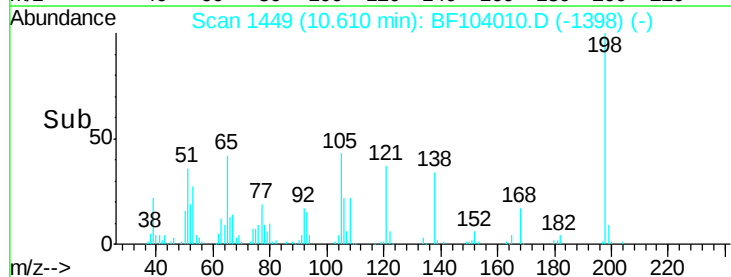
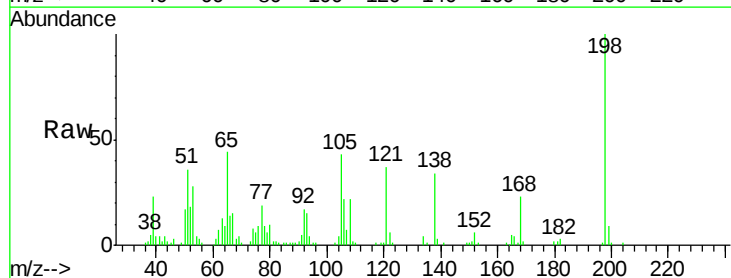
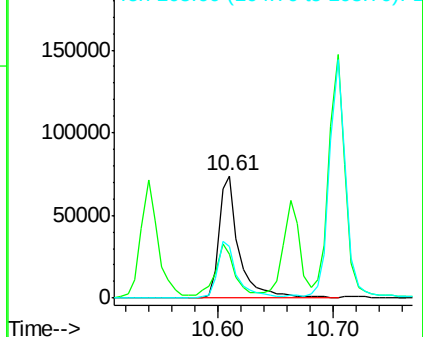
Acq: 28 Mar 2018 15:25

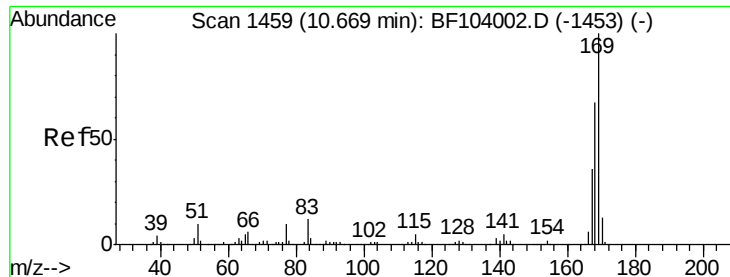
Tgt Ion:	198	Resp:	88298
Ion Ratio	Lower	Upper	
198	100		
51	35.7	37.7	77.7#
105	42.7	36.3	76.3

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: 31.788 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

PB107735BS

Tot Ion:169 Resp: 529175

Ion Ratio Lower Upper

169 100

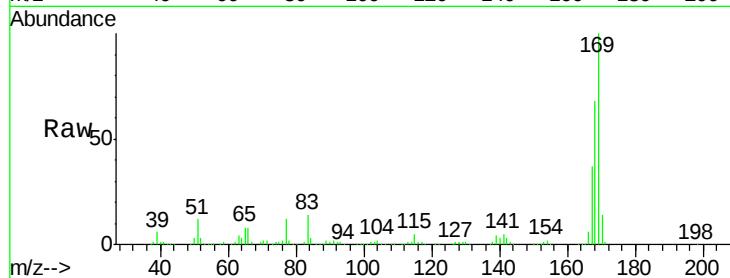
168 68.3 54.4 81.6

167 36.8 29.8 44.6

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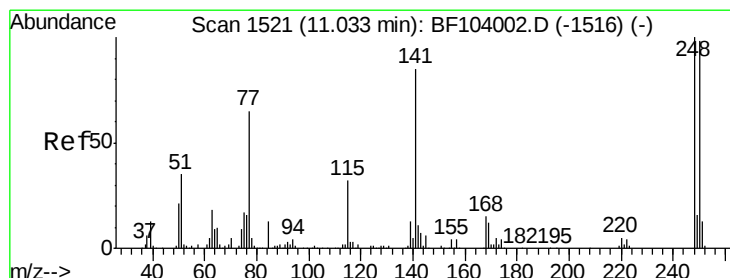
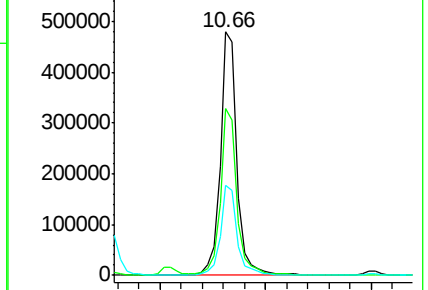
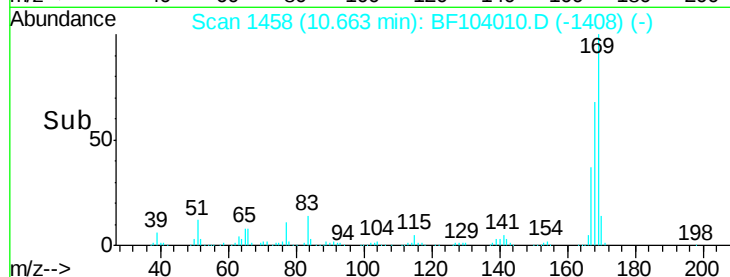
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.106 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

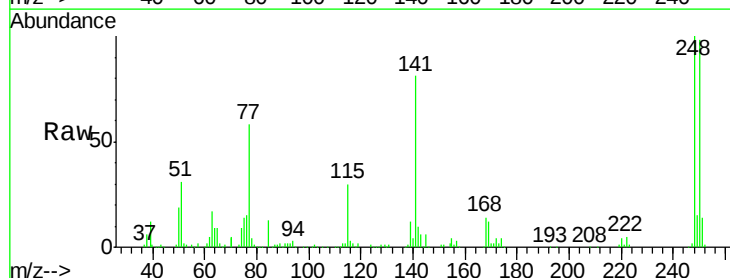
Tgt Ion:248 Resp: 168843

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

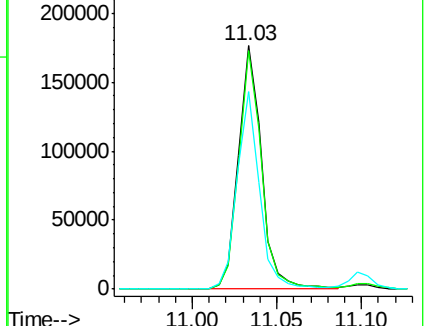
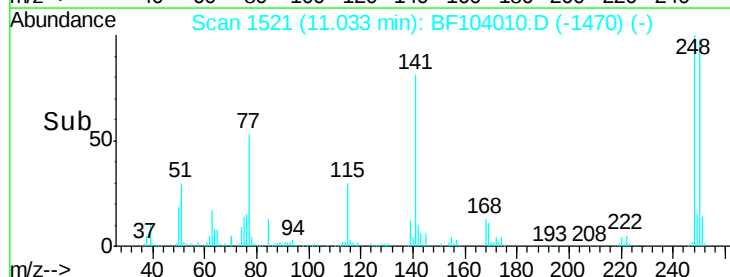
141 80.9 74.4 111.6

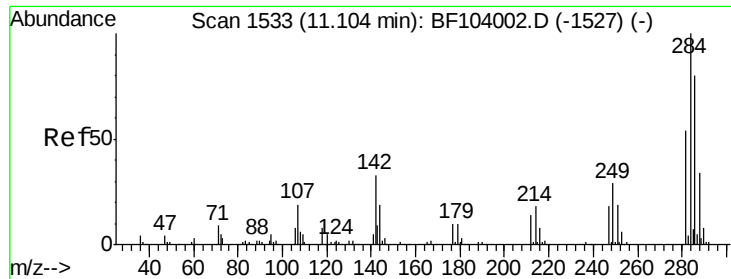


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





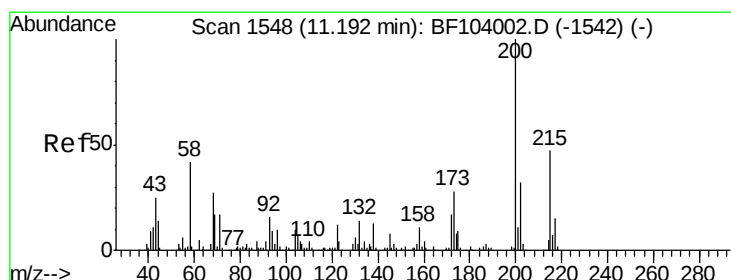
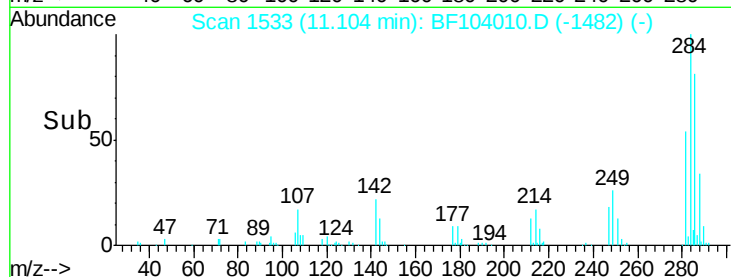
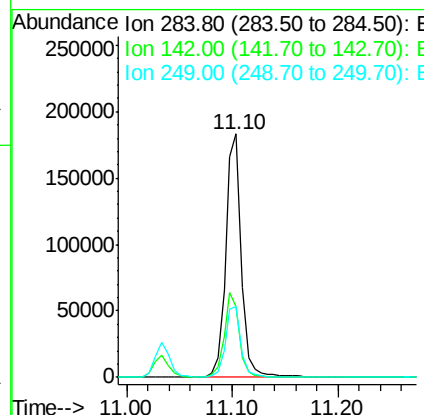
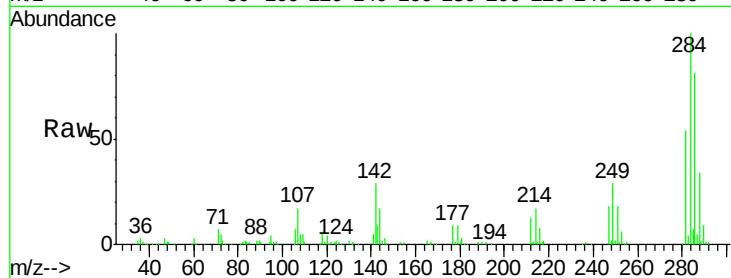
#67
Hexachlorobenzene
Concen: 31.304 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	189366		
142	29.2	34.6	52.0	
249	29.3	24.8	37.2	

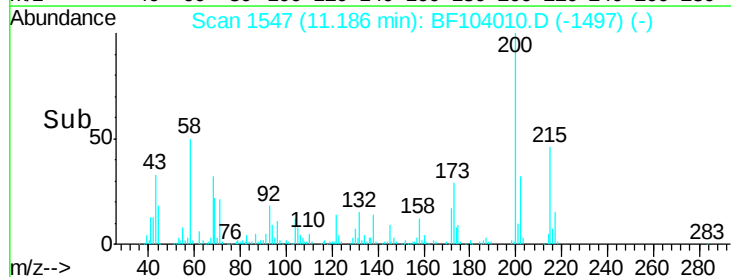
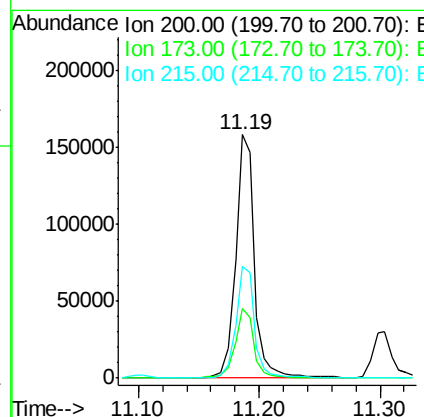
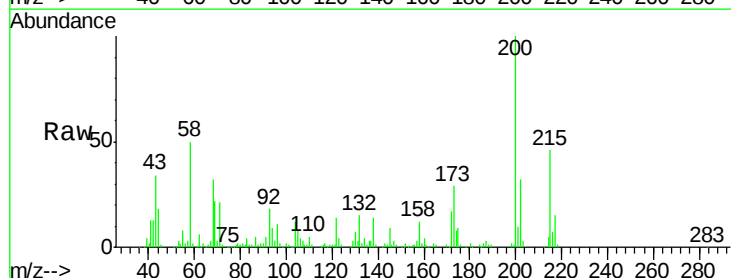
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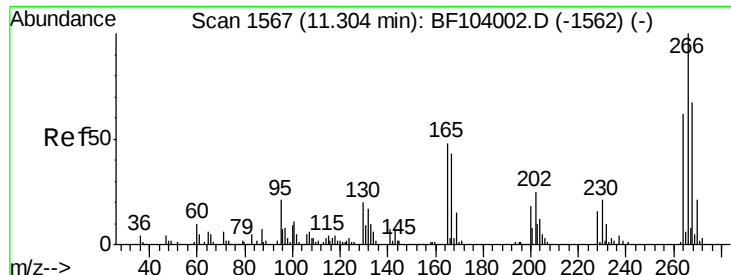
Sohil
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#68
Atrazine
Concen: 33.330 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	169981		
173	28.8	8.6	48.6	
215	45.7	25.1	65.1	





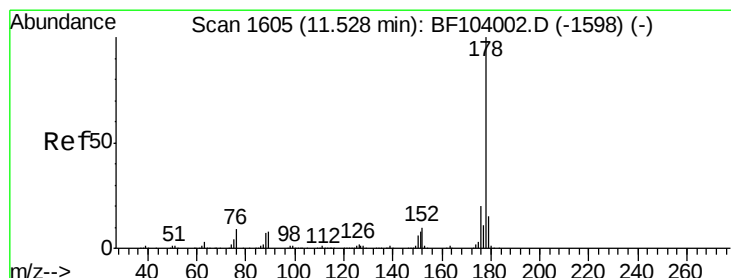
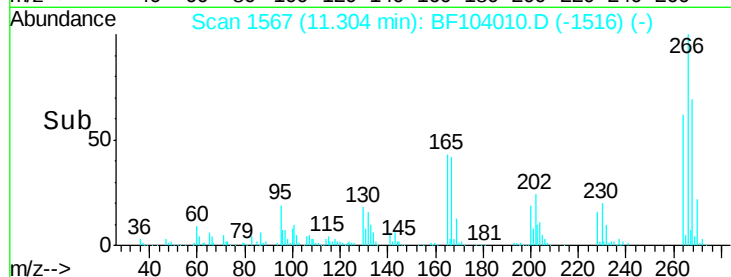
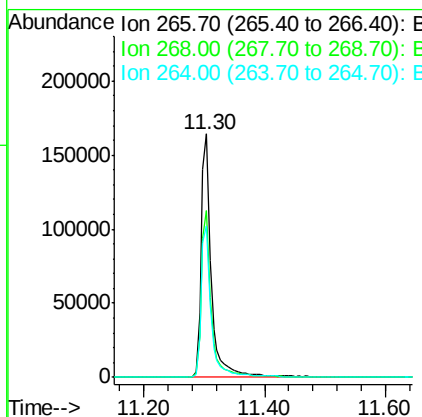
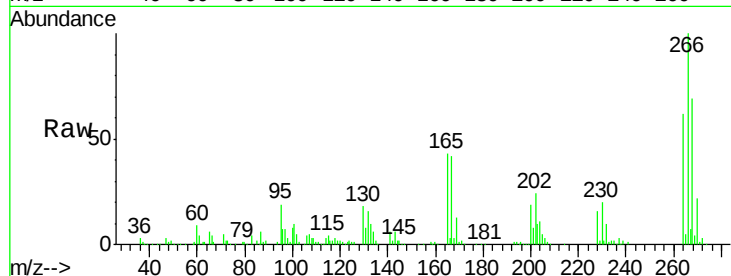
#69
 Pentachlorophenol
 Concen: 58.820 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.5	51.1	76.7
264	62.3	49.5	74.3

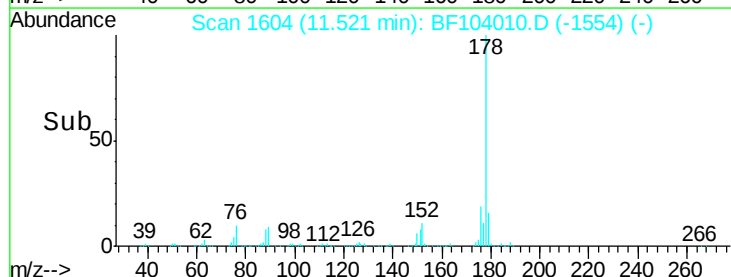
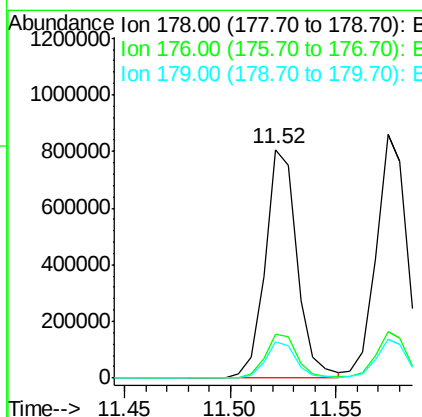
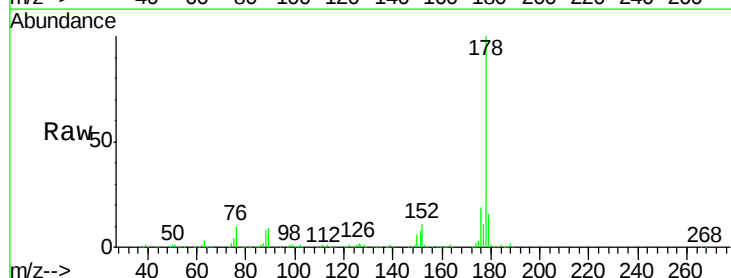
Manual Integrations
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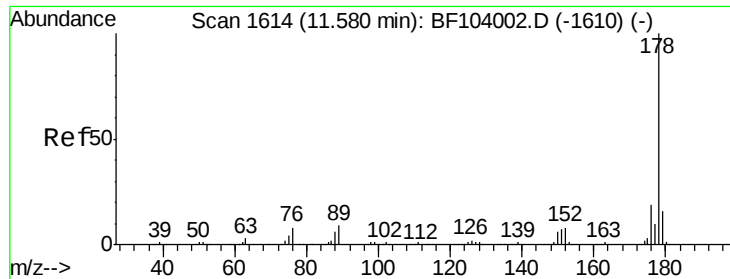
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#70
 Phenanthrene
 Concen: 31.934 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	13.0	19.6





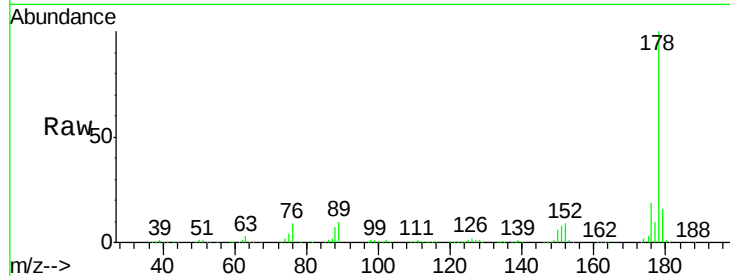
#71
 Anthracene
 Concen: 32.986 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

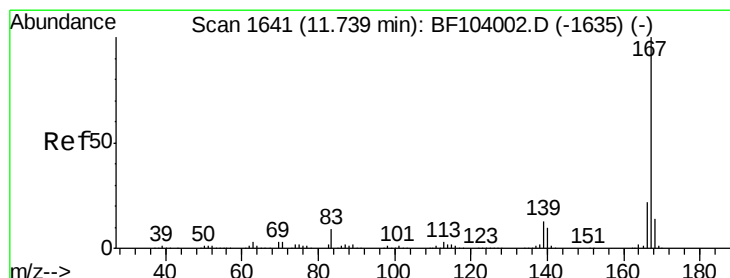
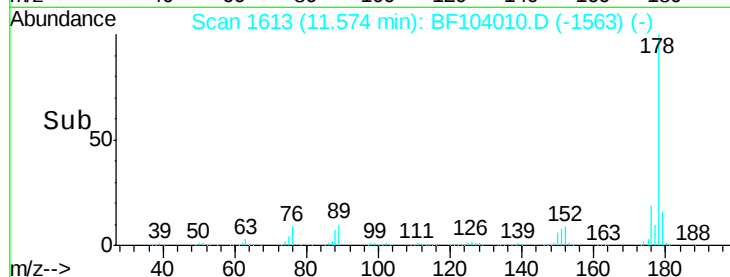
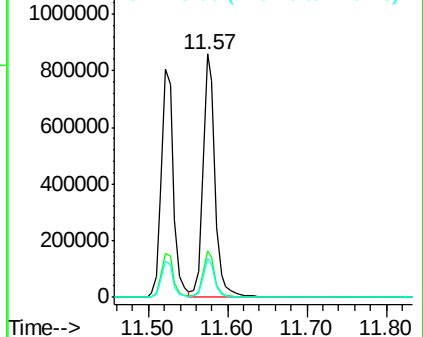
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.8	12.6	19.0

Manual Integrations
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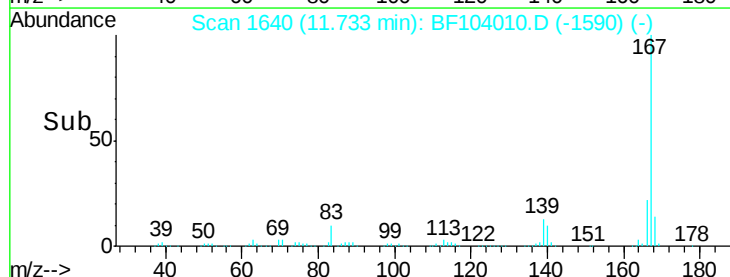
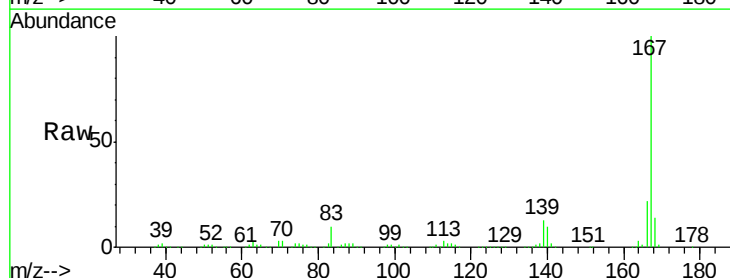
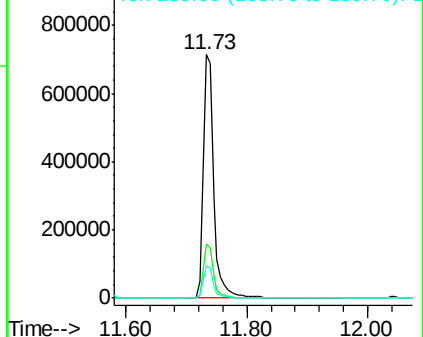
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

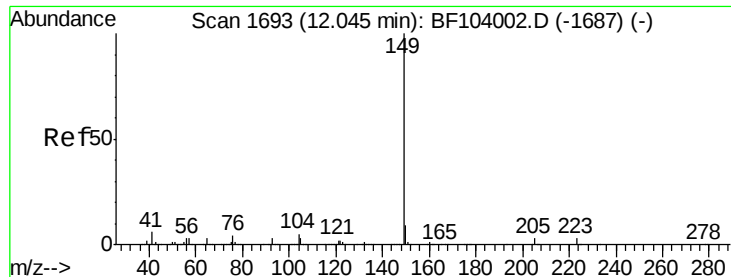


#72
 Carbazole
 Concen: 31.879 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.3	10.9	16.3

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.151 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

PB107735BS

Tot Ion:149 Resp: 1016067

Ion Ratio Lower Upper

149 100

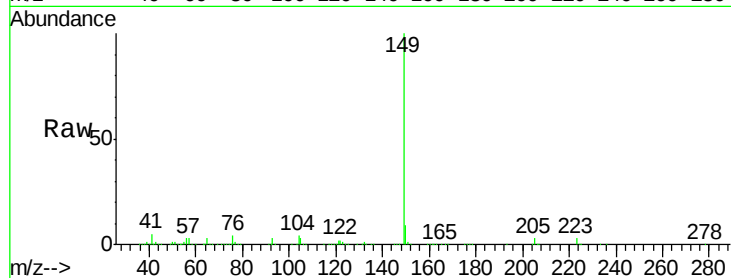
150 9.4 7.8 11.6

104 4.4 3.8 5.8

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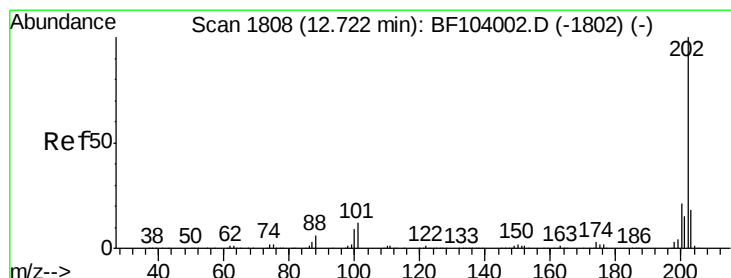
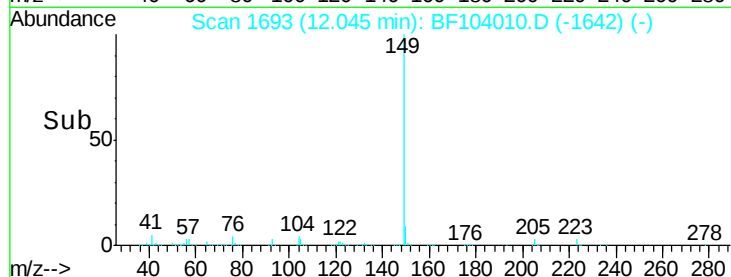
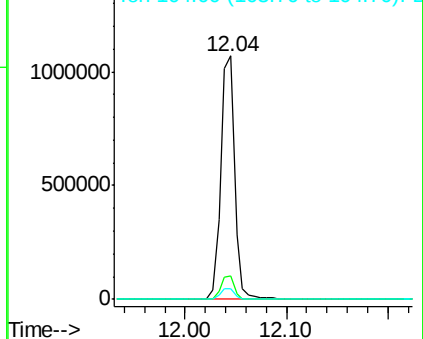
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.581 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

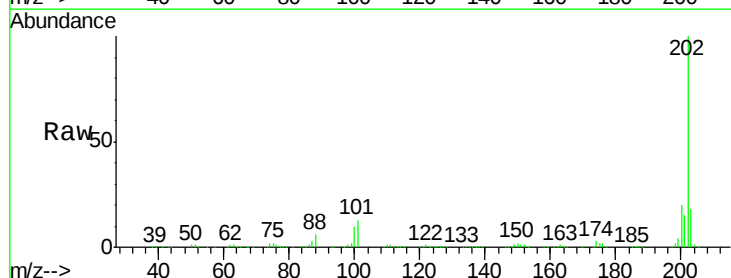
Tgt Ion:202 Resp: 921658

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

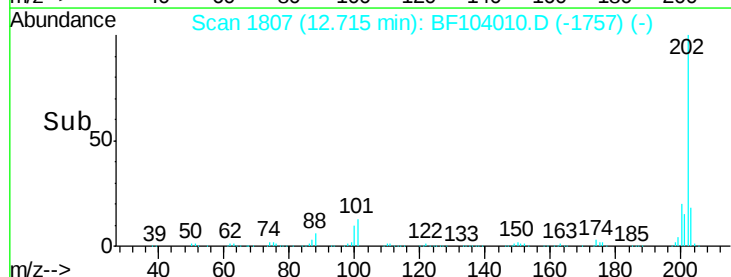
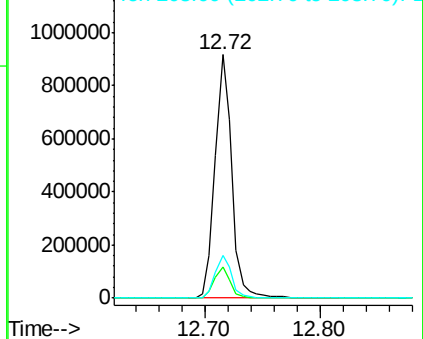
203 17.6 0.0 38.1

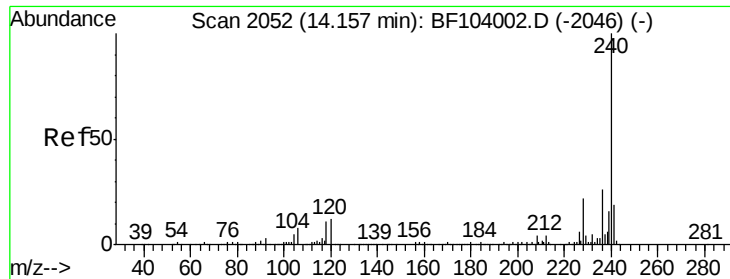


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

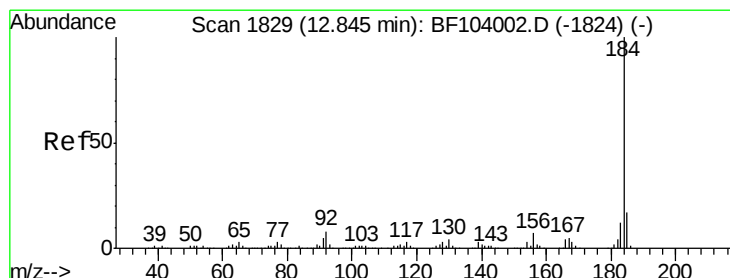
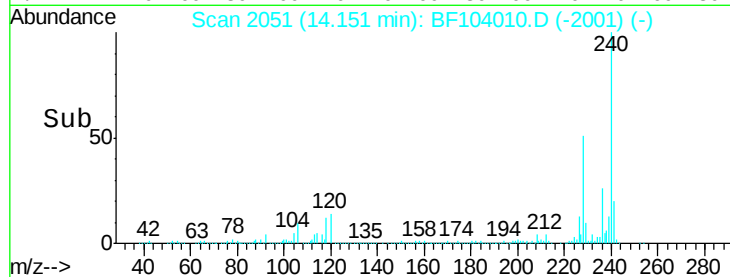
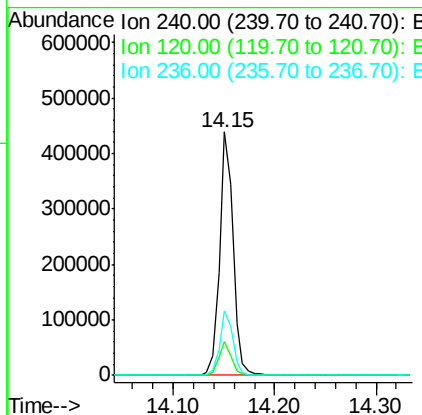
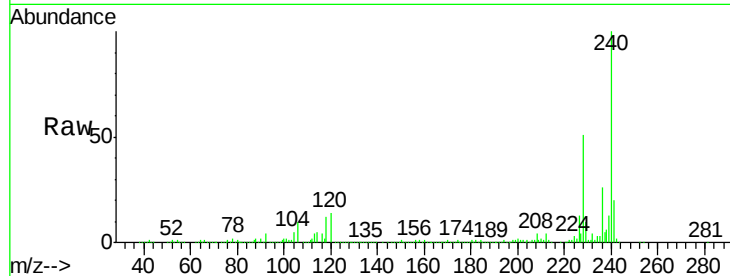
ClientSampleId :

PB107735BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.4	20.7	31.1

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#76

Benzidine

Concen: 37.145 ng

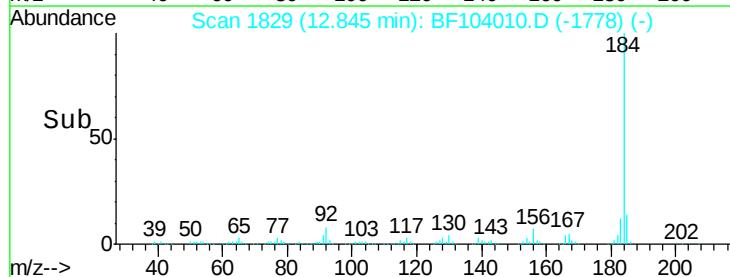
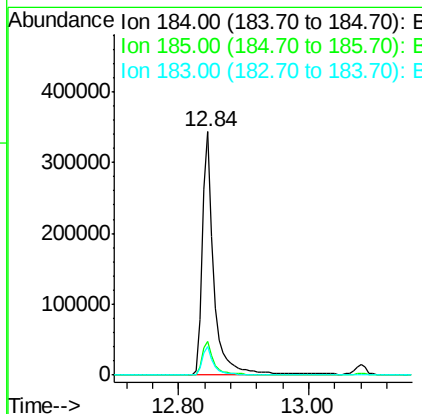
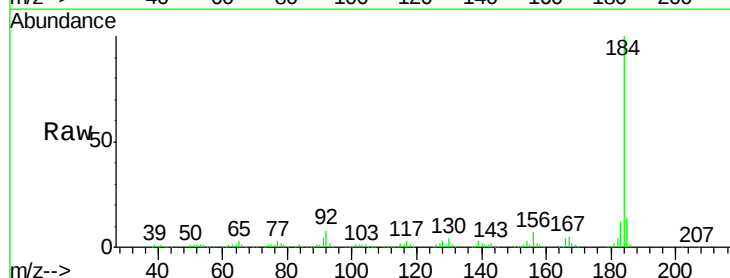
RT: 12.84 min Scan# 1829

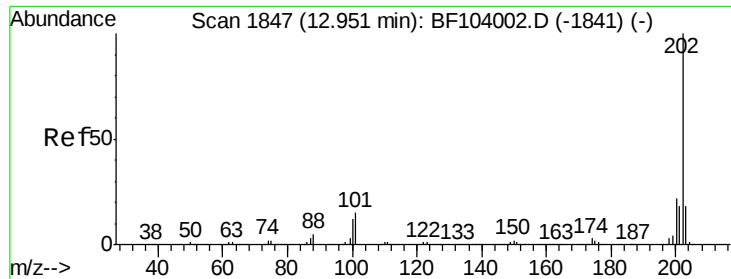
Delta R.T. -0.00 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.7	9.3	13.9





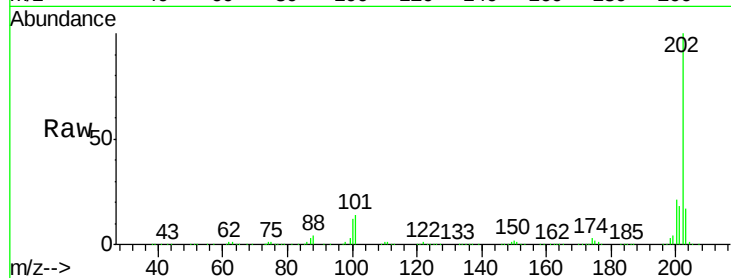
#77
Pvrene
Concen: 31.855 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

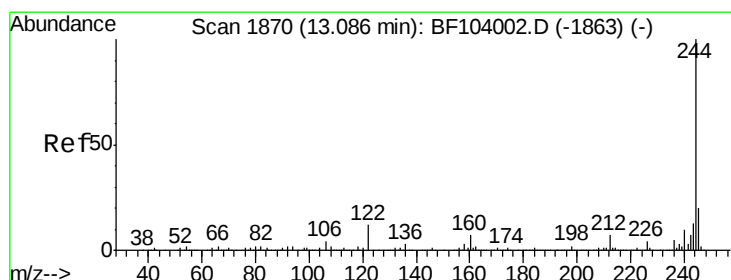
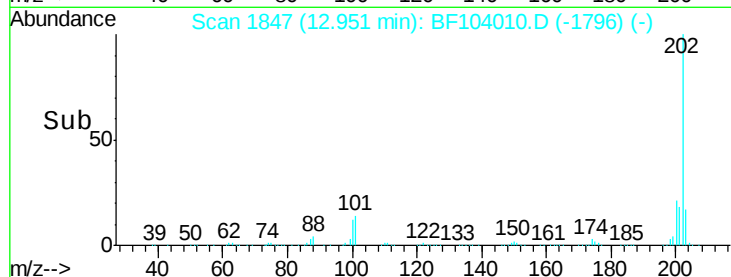
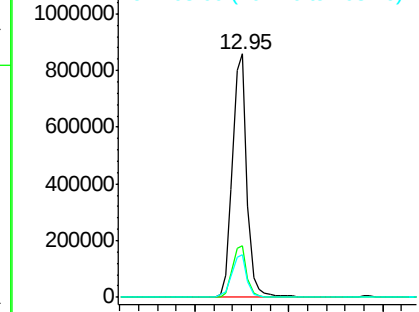
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5

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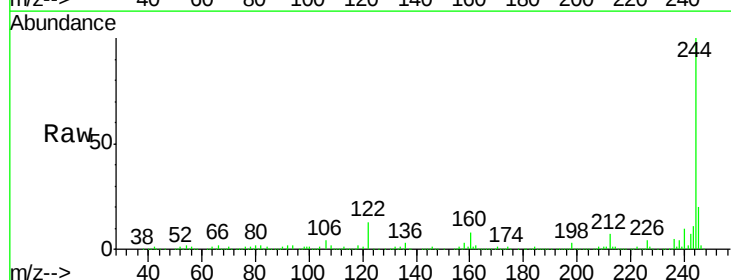


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

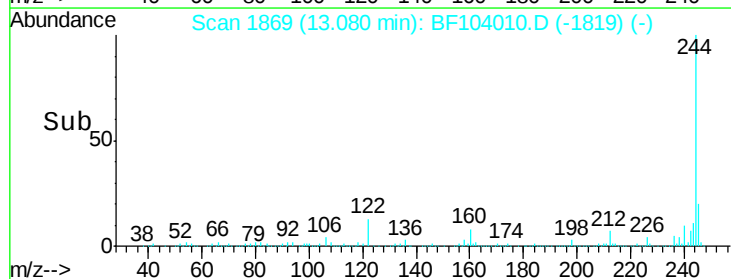
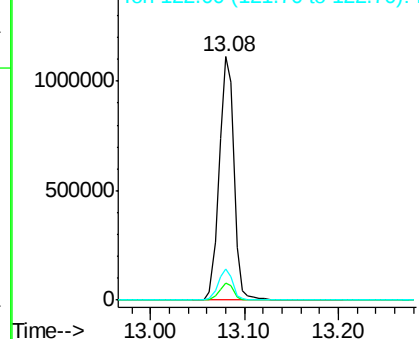


#78
Terphenyl-d14
Concen: 70.797 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.0	11.0	16.4



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





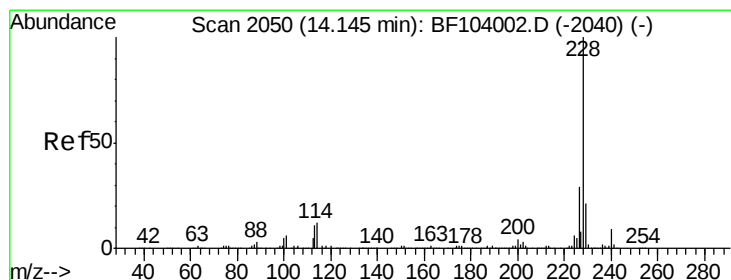
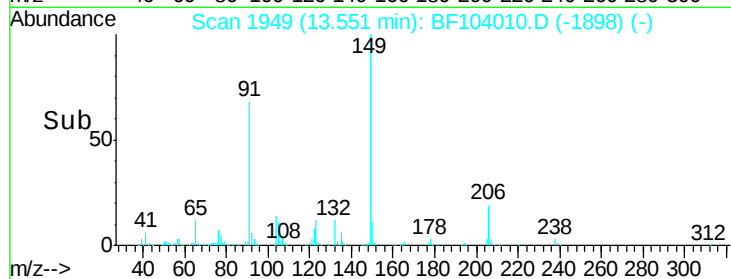
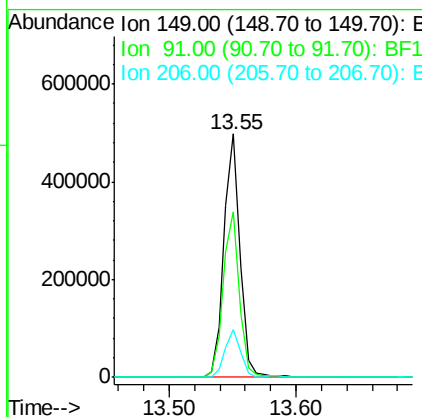
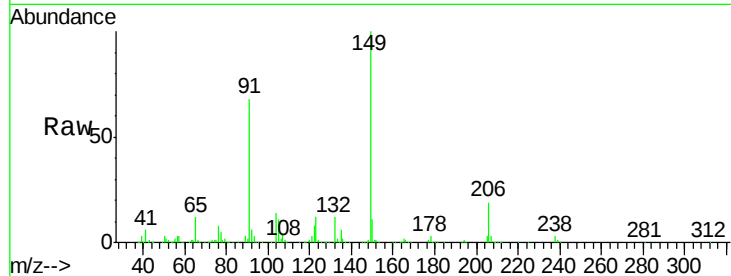
#79
Butylbenzylphthalate
Concen: 32.334 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	442305		
91	67.8	56.8	85.2	
206	19.5	14.1	21.1	

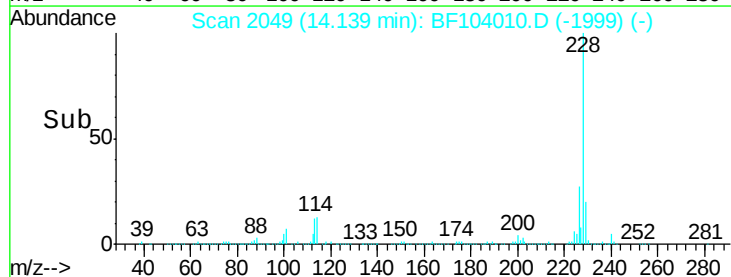
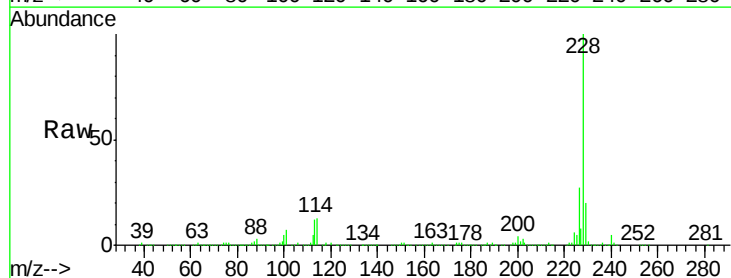
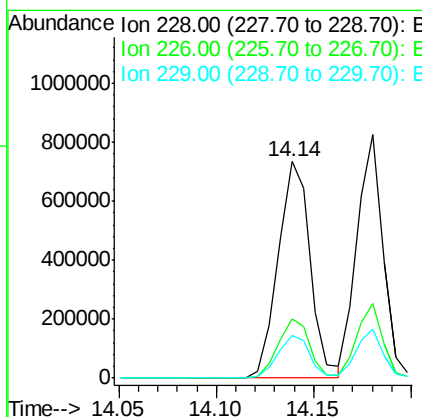
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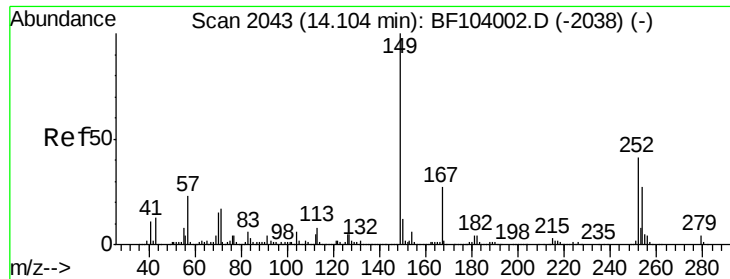
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#80
Benzo(a)anthracene
Concen: 33.101 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	836578		
226	27.4	22.6	33.8	
229	20.0	15.8	23.6	





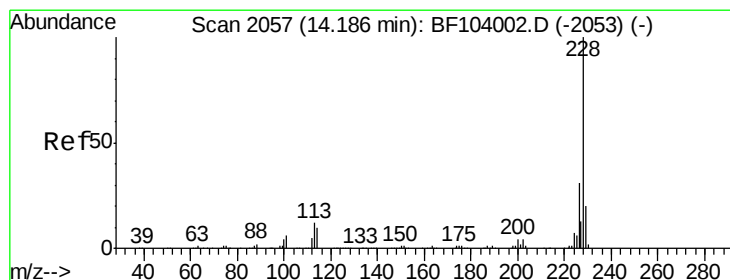
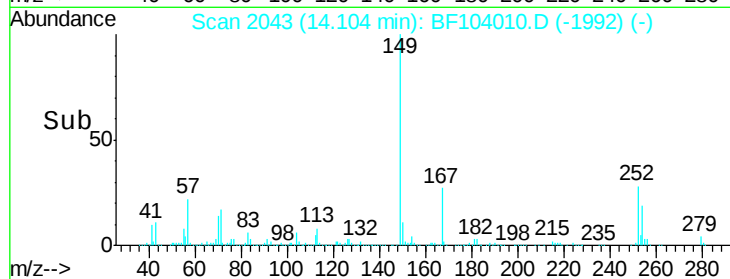
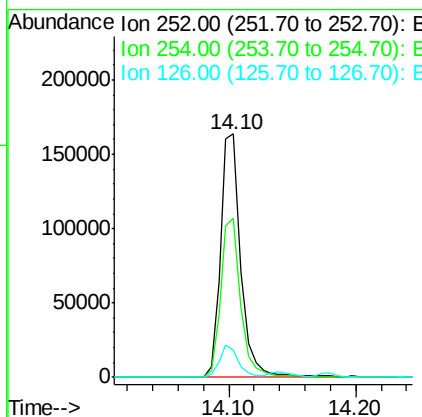
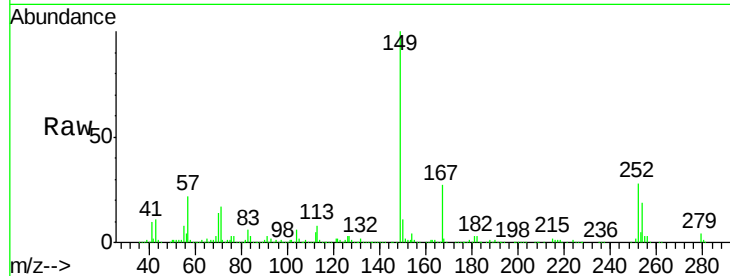
#81
 3,3'-Dichlorobenzidine
 Concen: 21.839 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	182698		
254	65.2	50.4	75.6	
126	11.1	11.3	16.9	

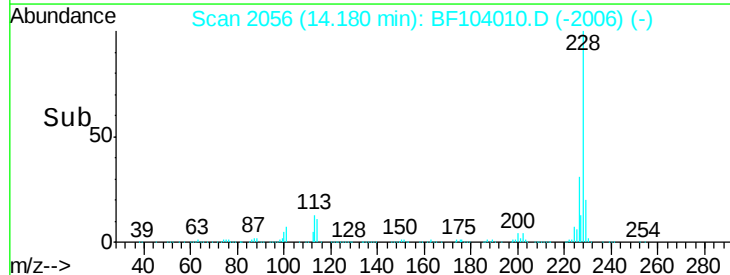
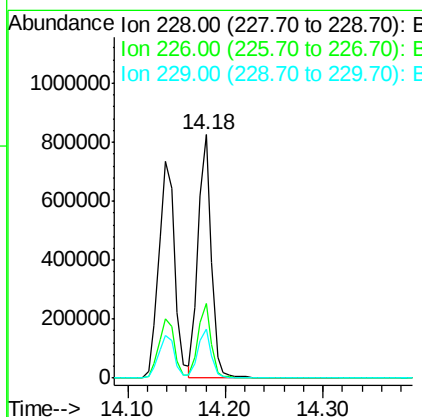
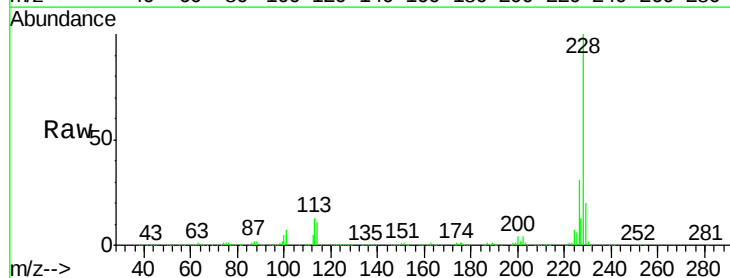
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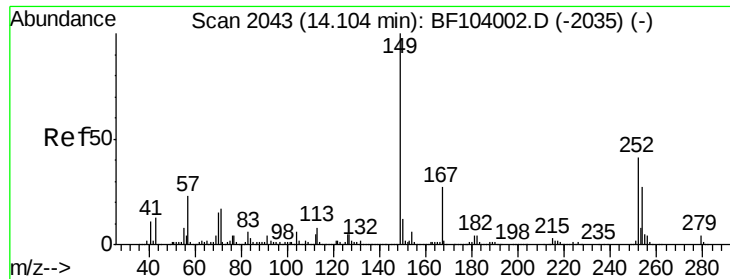
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#82
 Chrysene
 Concen: 31.493 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	779594		
226	30.8	25.0	37.6	
229	20.2	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.786 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Instrument :

BNA_F

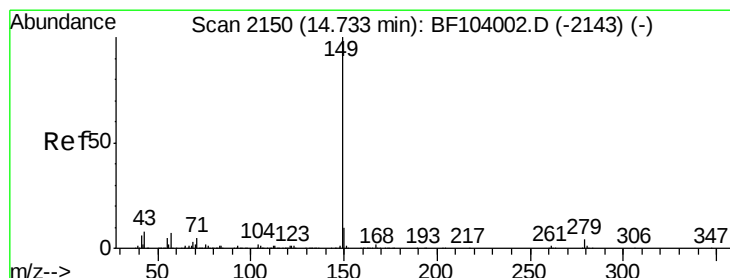
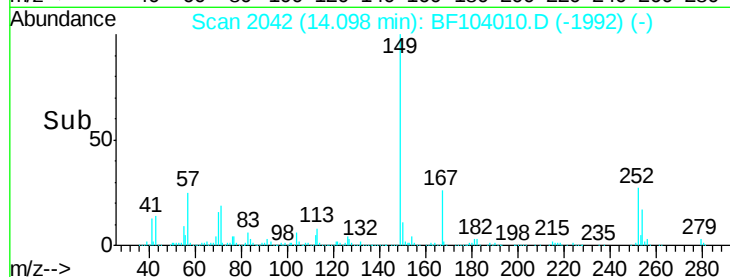
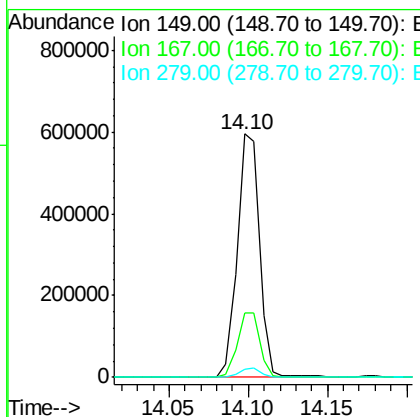
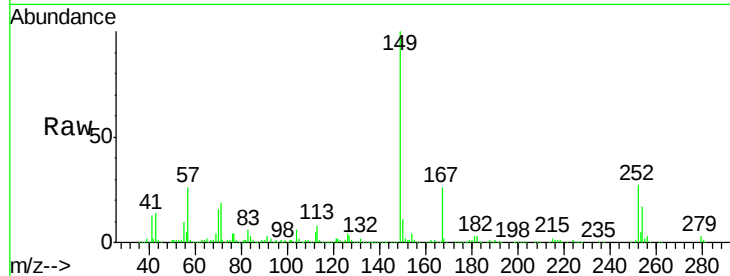
ClientSampleId :

PB107735BS

Tot Ion:	149	Resp:	579478
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	3.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 33.531 ng

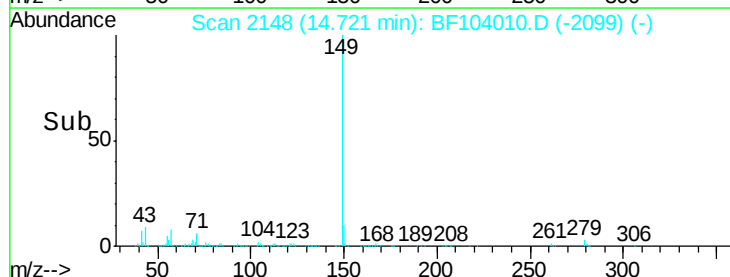
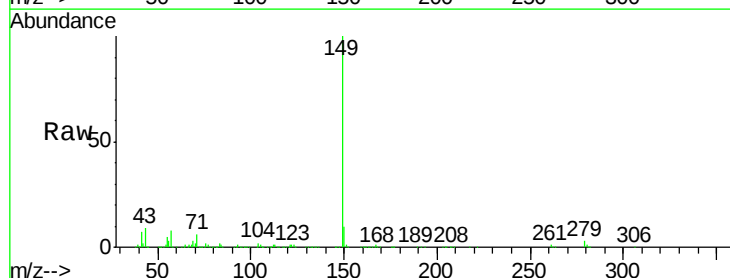
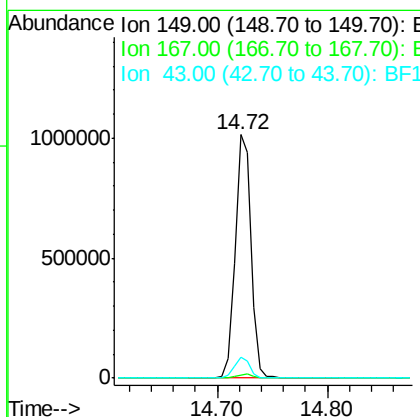
RT: 14.72 min Scan# 2148

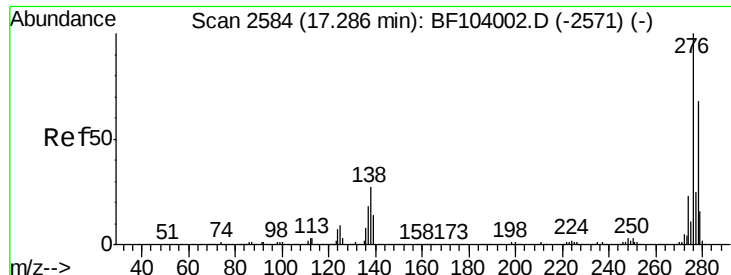
Delta R.T. -0.01 min

Lab File: BF104010.D

Acq: 28 Mar 2018 15:25

Tgt Ion:	149	Resp:	1019474
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.2	8.4	12.6#





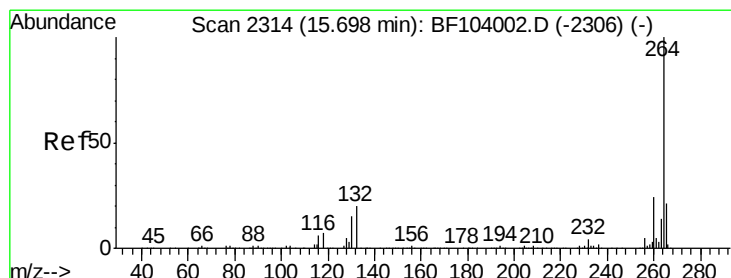
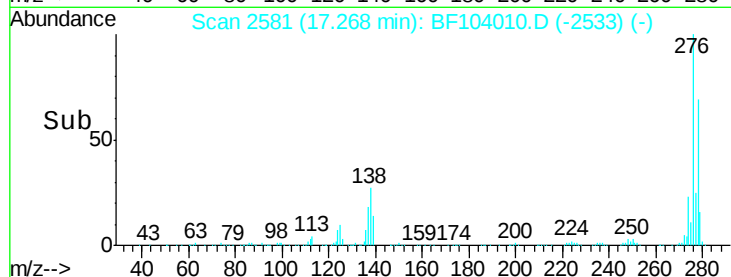
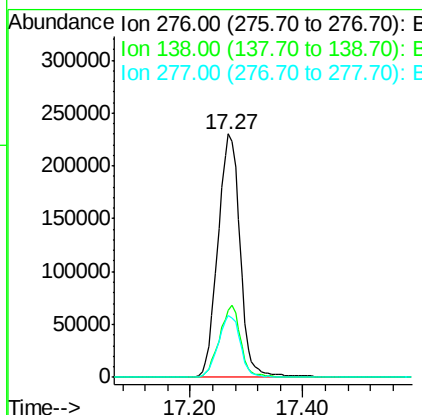
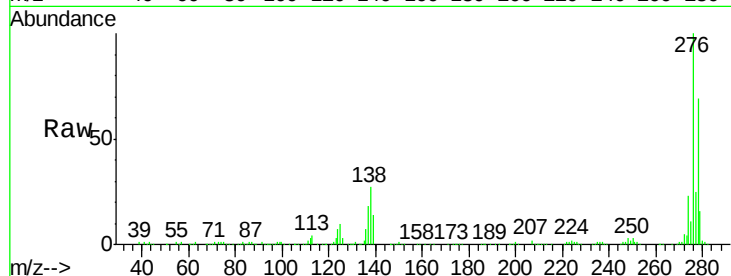
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.585 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	25.3	20.1	30.1

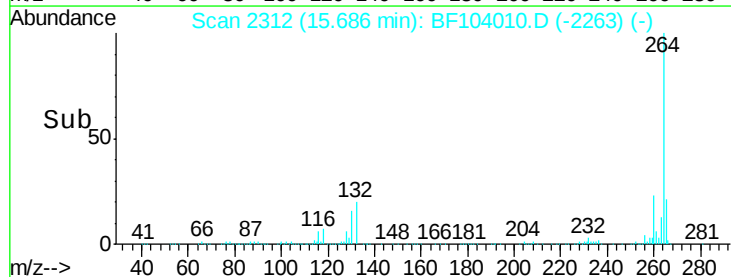
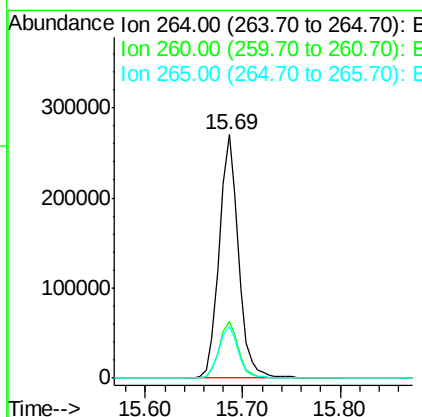
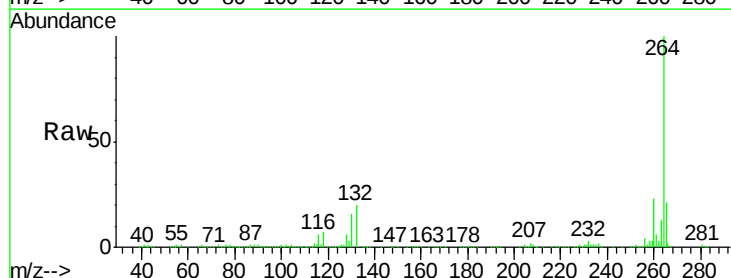
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	17.5	26.3





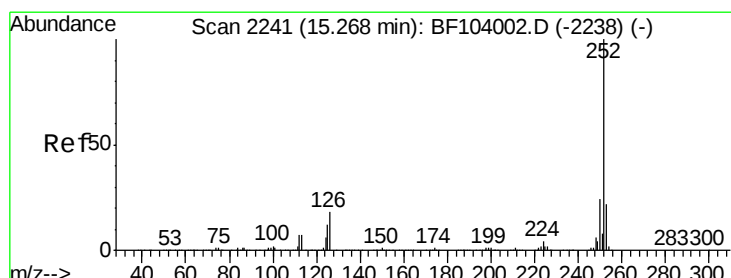
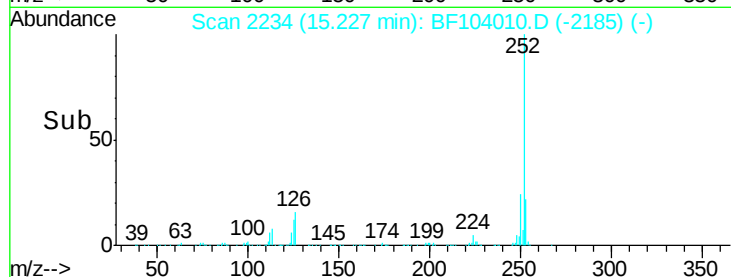
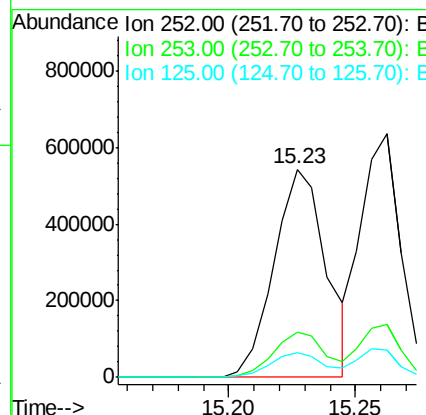
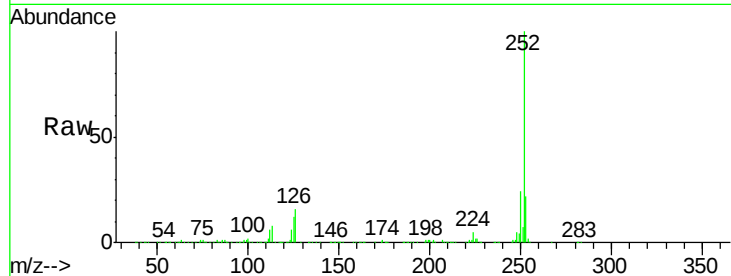
#87
Benzo(b)fluoranthene
Concen: 34.480 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	12.1	9.0	13.6

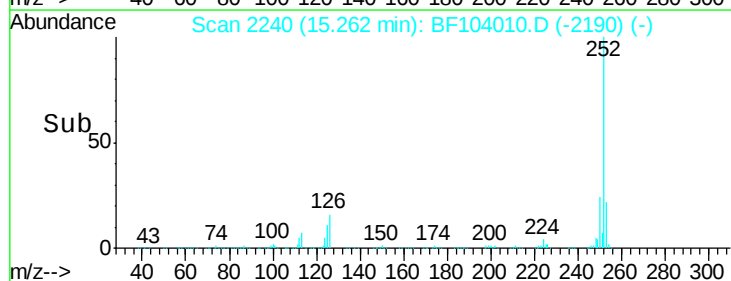
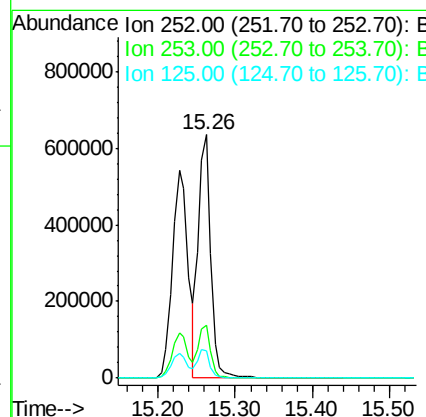
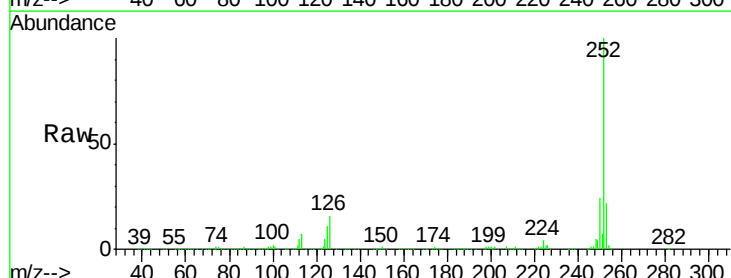
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#88
Benzo(k)fluoranthene
Concen: 33.672 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.1	10.2	15.2





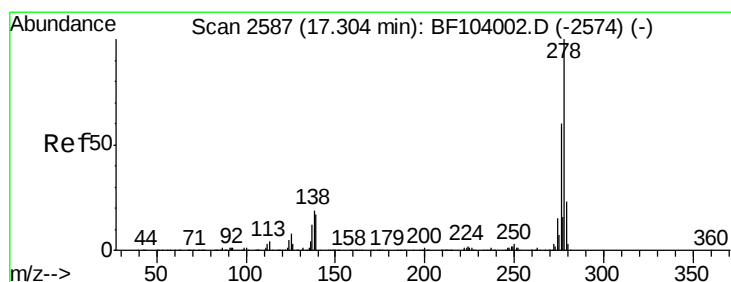
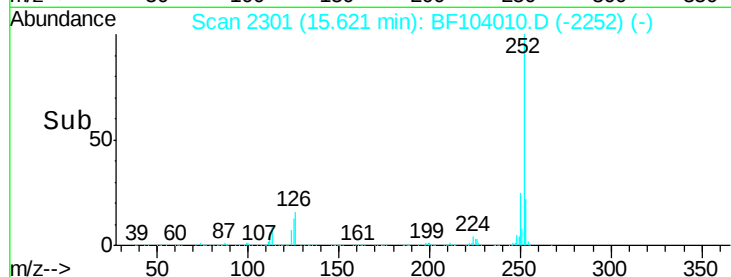
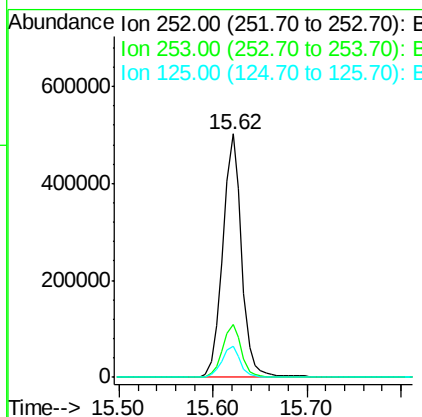
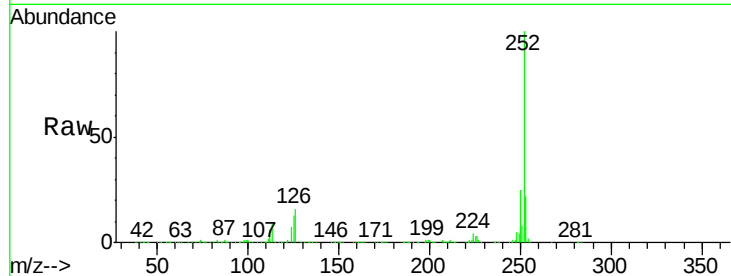
#89
Benzo(a)pyrene
Concen: 33.581 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :
PB107735BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.7	9.8	14.6

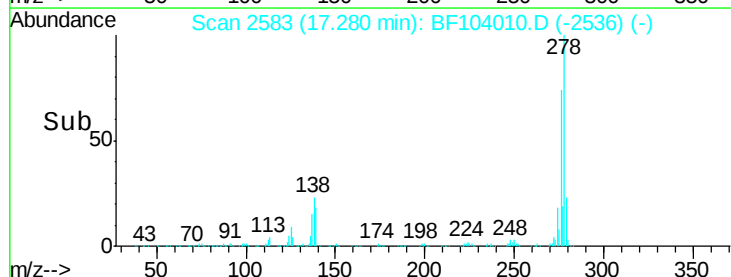
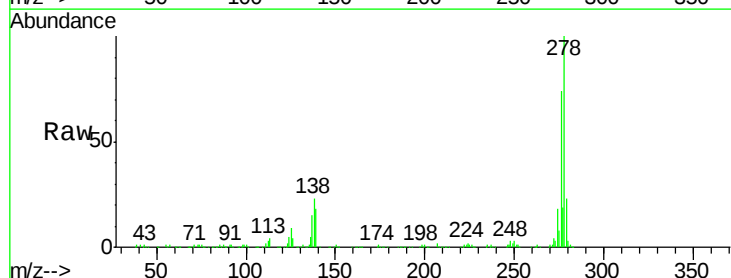
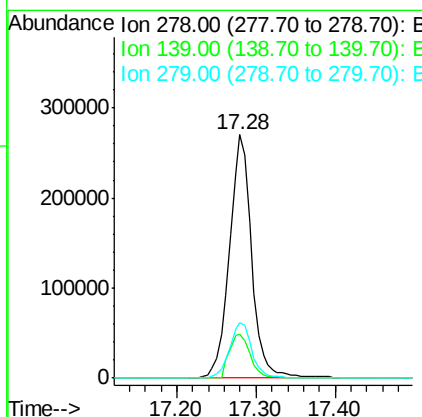
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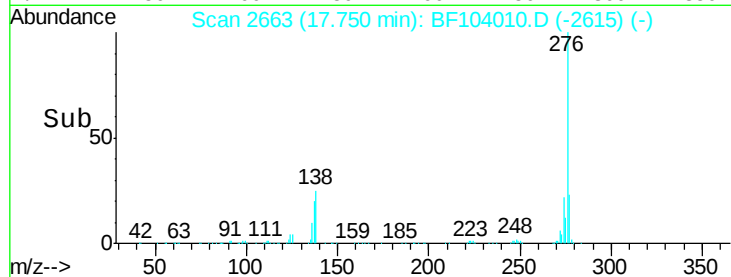
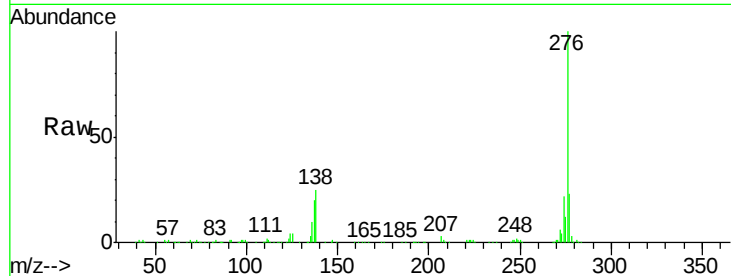
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 26.980 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.02 min
Lab File: BF104010.D
Acq: 28 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 26.259 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. -0.02 min
 Lab File: BF104010.D
 Acq: 28 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB107735BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.2	17.9	26.9
138	24.6	21.8	32.8

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