

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104225.D
 Acq On : 4 Apr 2018 15:16
 Operator : JU/SJ
 Sample : PB107885BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:38:44 PM

Quant Time: Apr 04 18:17:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	112813	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	482564	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	233675	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	437332	20.00	ng	0.00
75) Chrysene-d12	14.14	240	364543	20.00	ng	0.00
86) Perylene-d12	15.69	264	300025	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	807881	114.20	ng	0.00
7) Phenol-d6	6.60	99	965589	110.95	ng	0.00
23) Nitrobenzene-d5	7.52	82	602986	76.42	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	295105	113.42	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1168853	78.88	ng	0.00
78) Terphenyl-d14	13.07	244	1270002	80.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	96395	31.595	ng	# 85
3) Pyridine	3.69	79	241756m	31.300	ng	
4) n-Nitrosodimethylamine	3.65	42	81320m	35.421	ng	
6) Aniline	6.63	93	162304	15.578	ng	# 60
8) 2-Chlorophenol	6.75	128	305945	39.427	ng	96
9) Benzaldehyde	6.51	77	76090	13.657	ng	92
10) Phenol	6.62	94	366159	37.971	ng	97
11) bis(2-Chloroethyl)ether	6.69	93	238347	28.683	ng	94
12) 1,3-Dichlorobenzene	6.89	146	296600	34.003	ng	98
13) 1,4-Dichlorobenzene	6.97	146	332307	35.554	ng	98
14) 1,2-Dichlorobenzene	7.12	146	302920	36.058	ng	99
15) Benzyl Alcohol	7.10	79	207825	36.727	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	329638	36.412	ng	# 31
17) 2-Methylphenol	7.21	107	231115	36.594	ng	# 81
18) Hexachloroethane	7.45	117	114429	36.567	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	197278	38.195	ng	# 89
20) 3+4-Methylphenols	7.37	107	299761	37.189	ng	# 72
22) Acetophenone	7.36	105	424701	36.375	ng	97
24) Nitrobenzene	7.54	77	279392	33.652	ng	97
25) Isophorone	7.76	82	571669	39.312	ng	98
26) 2-Nitrophenol	7.85	139	161914	37.361	ng	94
27) 2,4-Dimethylphenol	7.89	122	255488	40.877	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	355923	39.052	ng	100
29) 2,4-Dichlorophenol	8.10	162	256700	39.321	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	260990	35.235	ng	99
31) Naphthalene	8.25	128	886259	37.593	ng	99
32) Benzoic acid	8.03	122	161498	35.272	ng	91
33) 4-Chloroaniline	8.32	127	77357	7.783	ng	# 92
34) Hexachlorobutadiene	8.36	225	140565	34.873	ng	100
35) Caprolactam	8.69	113	90187m	43.568	ng	
36) 4-Chloro-3-methylphenol	8.80	107	274504	39.754	ng	96
37) 2-Methylnaphthalene	8.95	142	577893	37.214	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	257864	35.986	ng	99
40) Hexachlorocyclopentadiene	9.09	237	187473	57.226	ng	99

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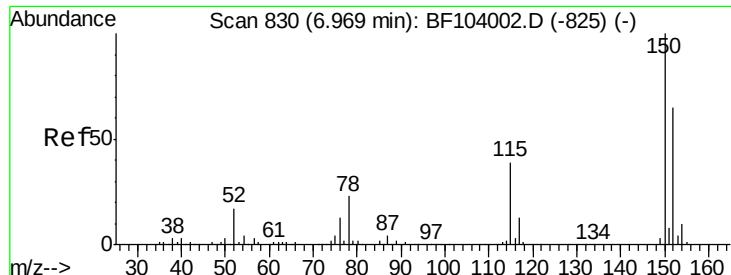
Manual Integrations
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 4/5/2018 4:38:44 PM

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 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	164328	36.216	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	185840	33.921	nq	95
45) 1,1'-Biphenyl	9.41	154	714170	35.609	nq	98
46) 2-Chloronaphthalene	9.44	162	560847	35.452	nq	98
47) 2-Nitroaniline	9.55	65	161733	35.852	nq	91
48) Acenaphthylene	9.86	152	830928	34.670	nq	99
49) Dimethylphthalate	9.71	163	652642	35.375	nq	99
50) 2,6-Dinitrotoluene	9.78	165	147191	37.083	nq	97
51) Acenaphthene	10.03	154	482190	34.778	nq	99
52) 3-Nitroaniline	9.97	138	82905	18.170	nq	98
53) 2,4-Dinitrophenol	10.07	184	103509	61.146	nq #	26
54) Dibenzofuran	10.20	168	728808	35.996	nq	96
55) 4-Nitrophenol	10.15	139	145104	53.038	nq	94
56) 2,4-Dinitrotoluene	10.19	165	187600	37.039	nq #	96
57) Fluorene	10.55	166	607845	36.395	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	169904	41.393	nq #	86
59) Diethylphthalate	10.40	149	655416	37.083	nq	99
60) 4-Chlorophenyl-phenylether	10.53	204	290502	37.872	nq	97
61) 4-Nitroaniline	10.60	138	144044	33.739	nq	91
62) Azobenzene	10.69	77	593238	37.120	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	86019	32.493	nq	85
65) n-Nitrosodiphenylamine	10.66	169	535205	36.136	nq	100
66) 4-Bromophenyl-phenylether	11.02	248	173093	36.995	nq	91
67) Hexachlorobenzene	11.09	284	192170	35.705	nq #	86
68) Atrazine	11.18	200	174795	38.523	nq	99
69) Pentachlorophenol	11.29	266	180011	60.781	nq	98
70) Phenanthrene	11.52	178	850823	35.934	nq	99
71) Anthracene	11.57	178	983557	39.768	nq	99
72) Carbazole	11.73	167	874800	37.060	nq	99
73) Di-n-butylphthalate	12.03	149	1015274	36.109	nq	99
74) Fluoranthene	12.70	202	943426	37.485	nq	100
76) Benzidine	12.84	184	89970	8.660	nq	99
77) Pyrene	12.94	202	938573	35.816	nq	99
79) Butylbenzylphthalate	13.53	149	447350	36.234	nq	99
80) Benzo(a)anthracene	14.13	228	803624	35.231	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	168266	22.286	nq	98
82) Chrysene	14.17	228	847255	37.923	nq	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	596306	37.381	nq	99
84) Di-n-octyl phthalate	14.71	149	986292	35.943	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.28	276	593188	25.622	nq	97
87) Benzo(b)fluoranthene	15.23	252	704217	38.568	nq	99
88) Benzo(k)fluoranthene	15.26	252	742516	43.169	nq	98
89) Benzo(a)pyrene	15.62	252	658116	38.894	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	494072	31.582	nq	98
91) Benzo(g,h,i)perylene	17.76	276	485658	30.994	nq	96

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



#1

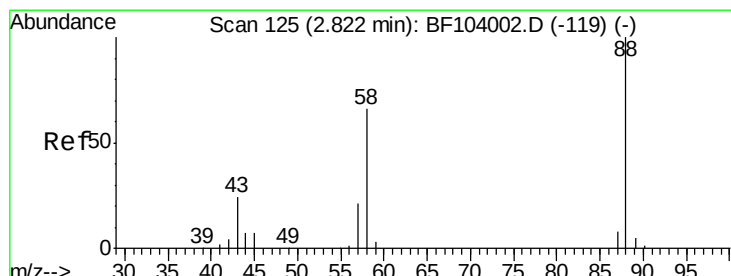
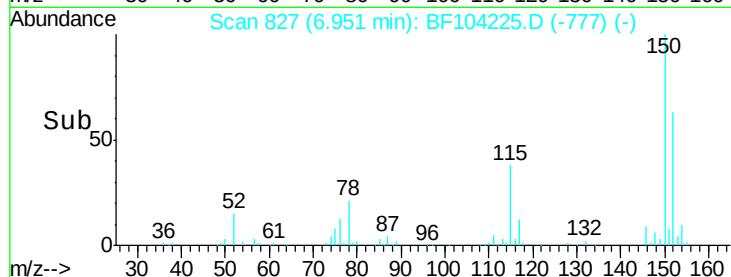
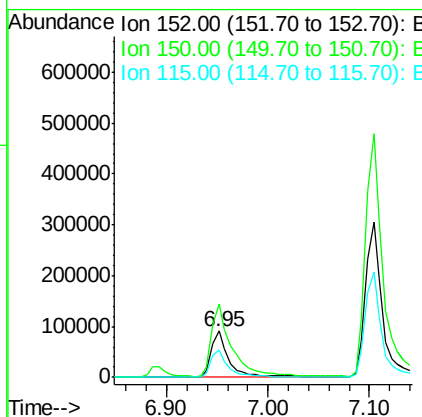
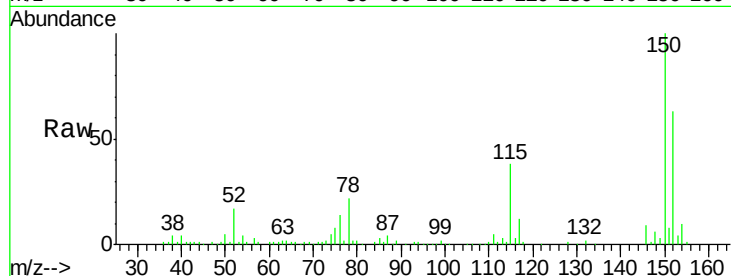
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	60.2	50.1	75.1

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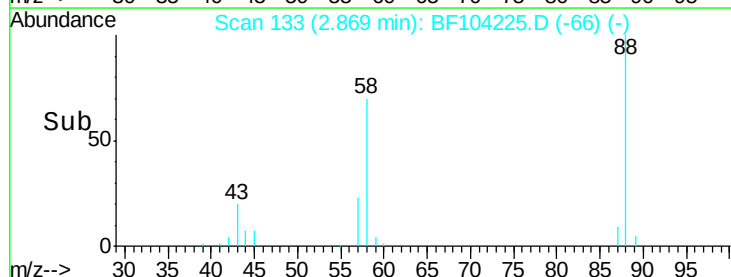
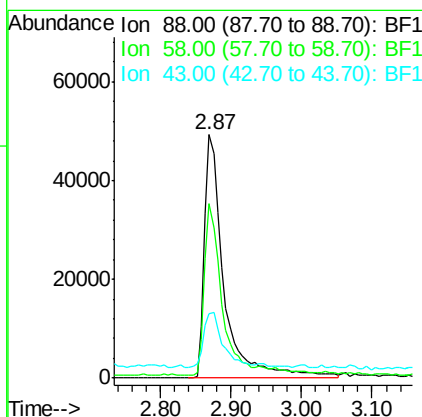
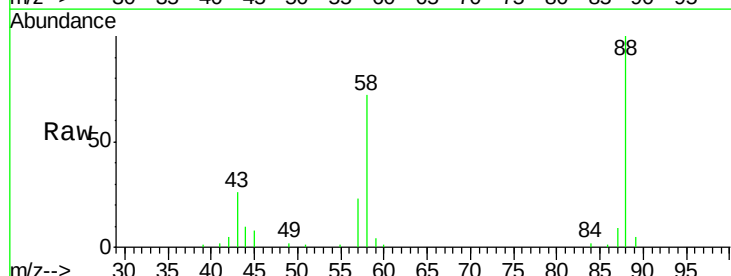
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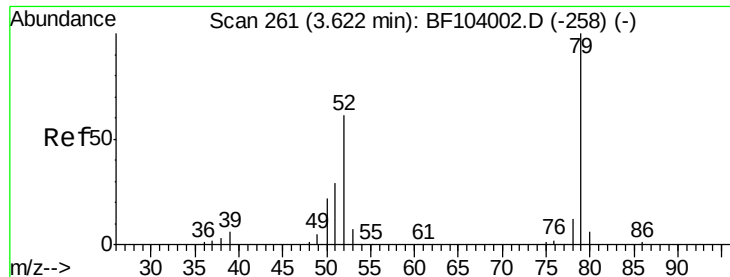


#2

1,4-Dioxane
Concen: 31.595 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.09 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.7	62.6	93.8
43	21.4	24.6	37.0





#3

Pvridine

Concen: 31.300 ng m

RT: 3.69 min Scan# 272

Delta R.T. 0.08 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

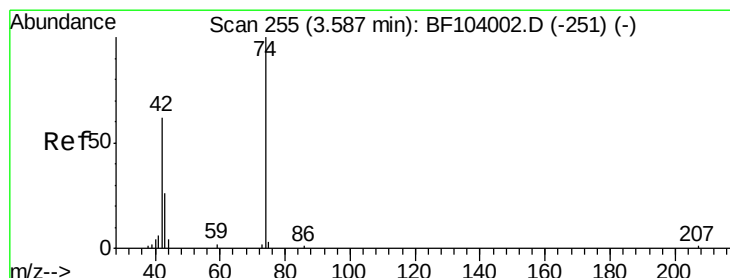
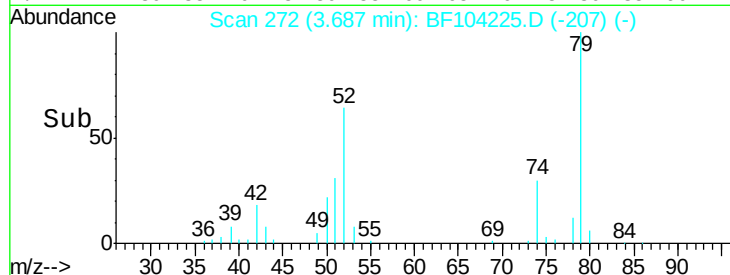
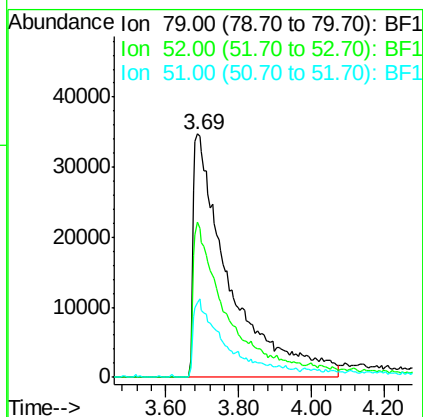
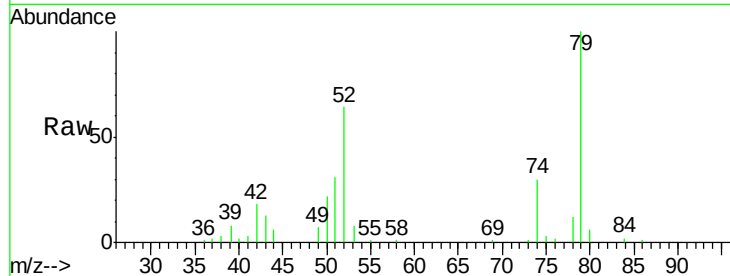
ClientSampleId :

PB107885BS

Tot Ion:	79	Resp:	241756
Ion	Ratio	Lower	Upper
79	100		
52	63.8	59.8	89.6
51	30.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.421 ng m

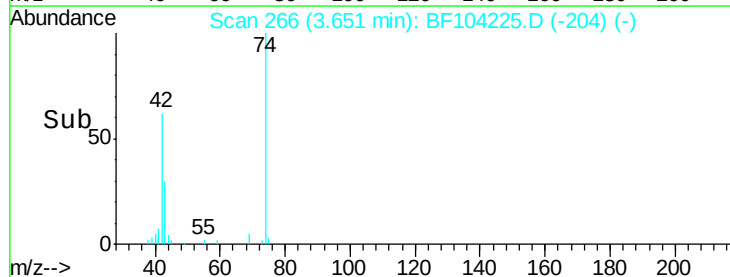
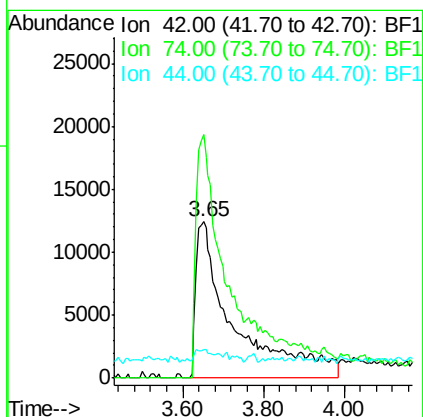
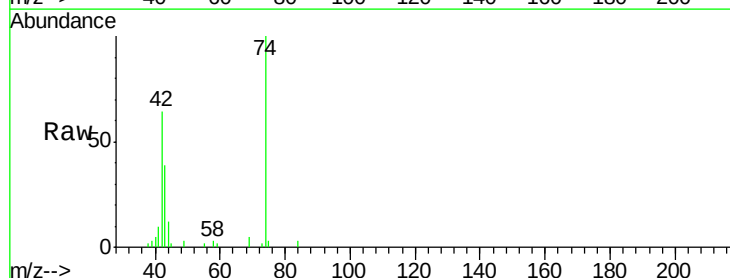
RT: 3.65 min Scan# 266

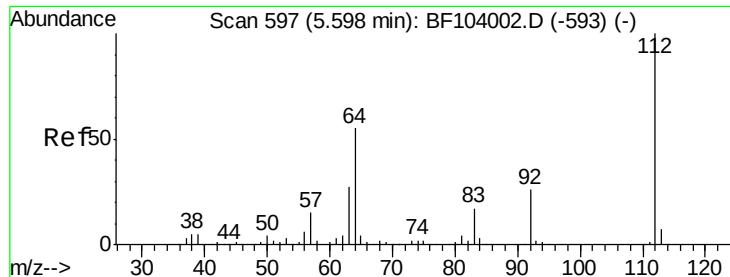
Delta R.T. 0.06 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	42	Resp:	81320
Ion	Ratio	Lower	Upper
42	100		
74	155.9	104.9	157.3
44	18.5	6.9	10.3





#5

2-Fluorophenol

Concen: 114.204 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

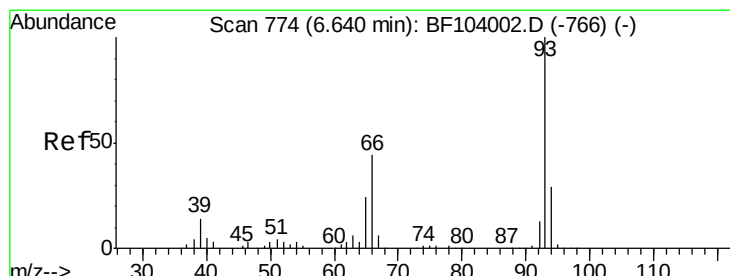
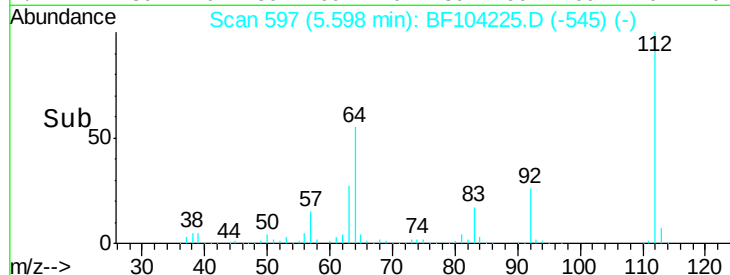
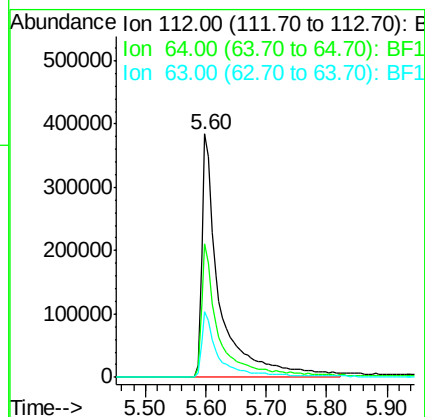
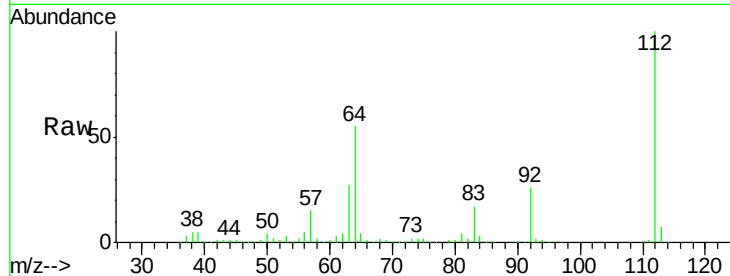
ClientSampleId :

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Tot Ion:	112	Resp:	807881
Ion Ratio	Lower	Upper	
112	100		
64	54.9	47.9	71.9
63	27.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 15.578 ng

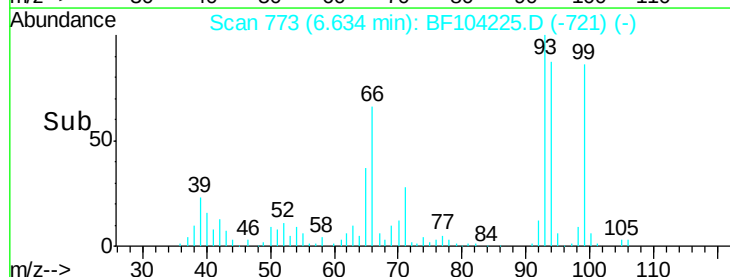
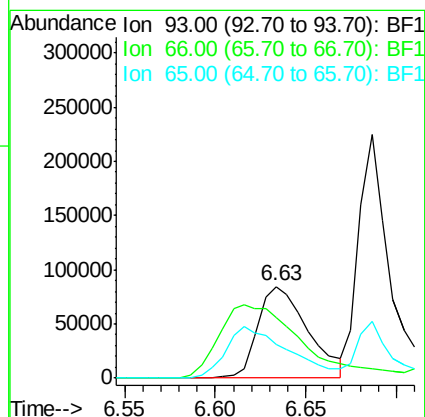
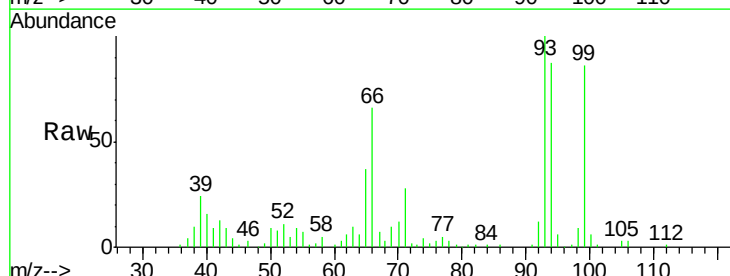
RT: 6.63 min Scan# 773

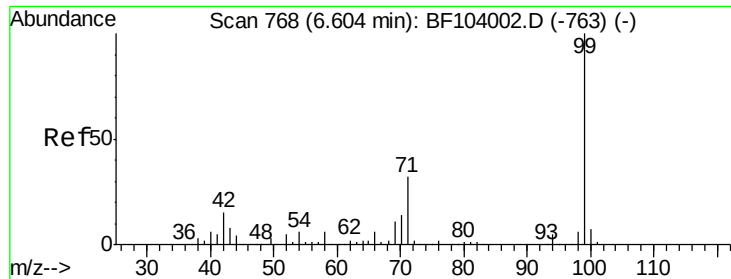
Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	93	Resp:	162304
Ion Ratio	Lower	Upper	
93	100		
66	66.0	32.2	48.2#
65	37.0	16.4	24.6#





#7

Phenol-d6

Concen: 110.947 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

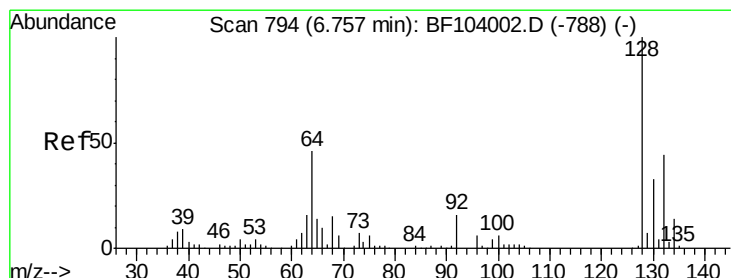
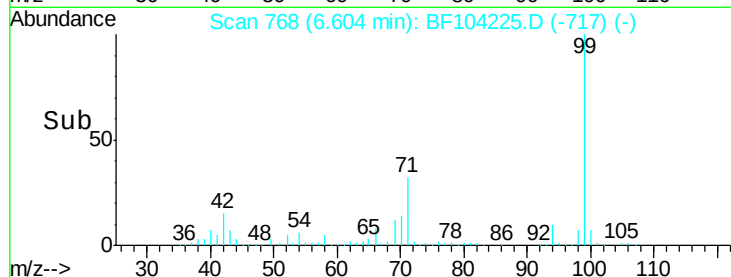
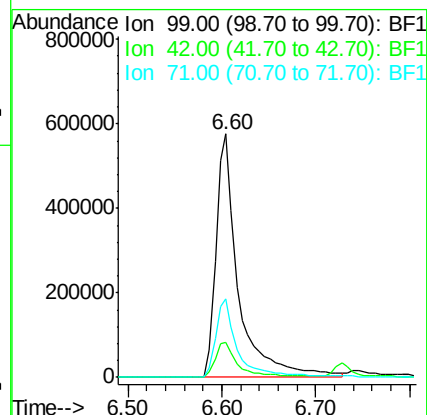
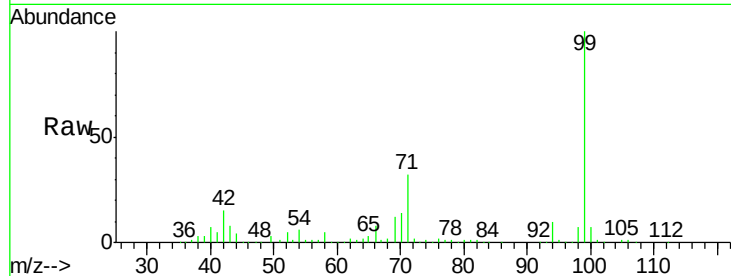
ClientSampleId :

PB107885BS

Tot Ion:	99	Resp:	965589
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	32.3	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.427 ng

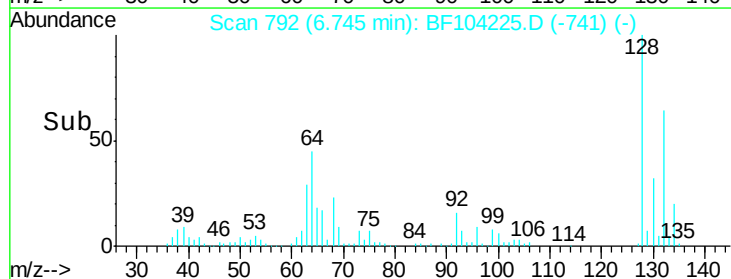
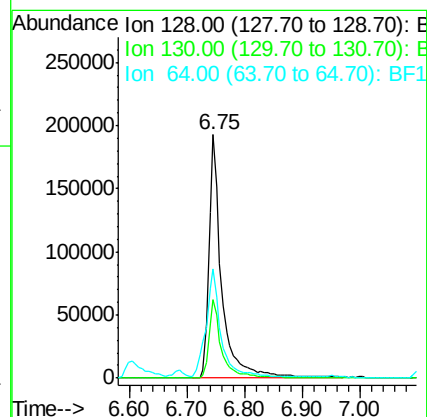
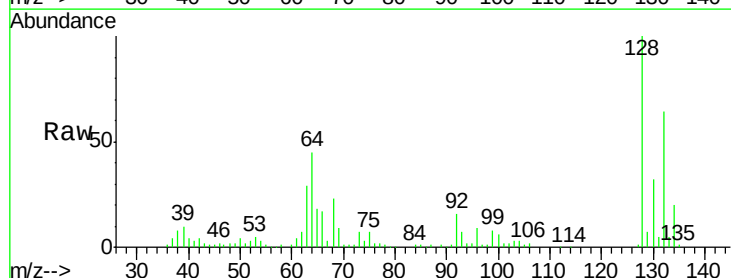
RT: 6.75 min Scan# 792

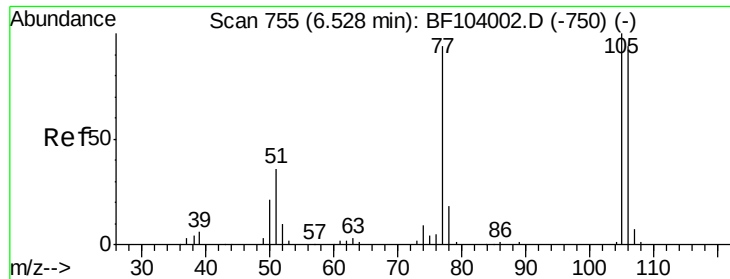
Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	128	Resp:	305945
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	45.0	29.4	69.4





#9

Benzaldehyde

Concen: 13.657 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

PB107885BS

Tot Ion: 77 Resp: 76090

Ion Ratio Lower Upper

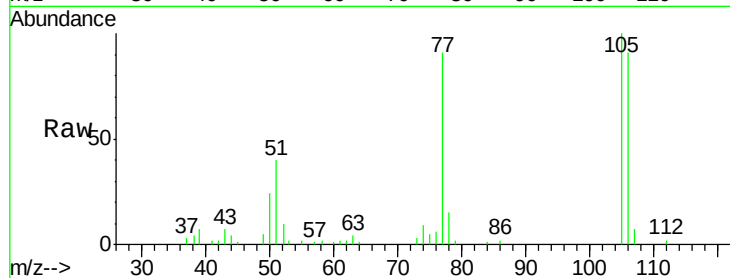
77 100

105 110.0 81.1 121.1

106 100.6 74.5 114.5

Manual Integrations
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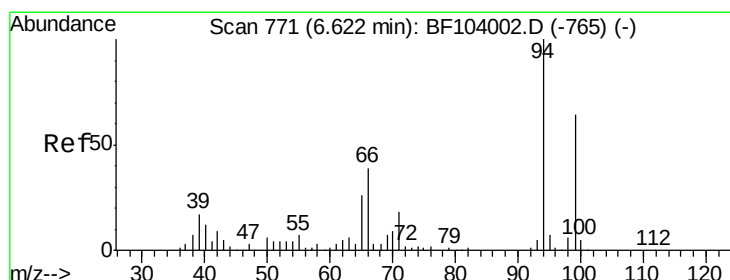
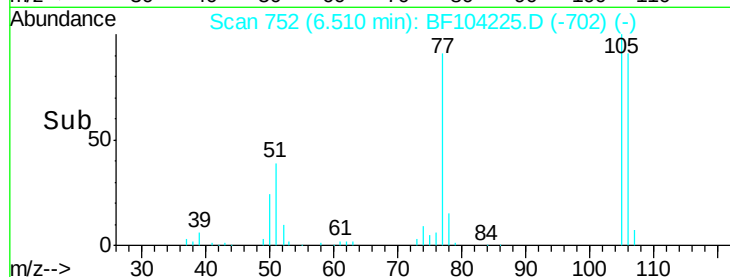
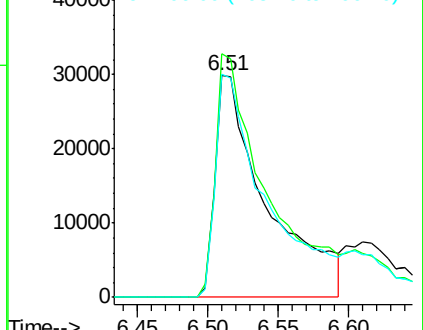
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.971 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

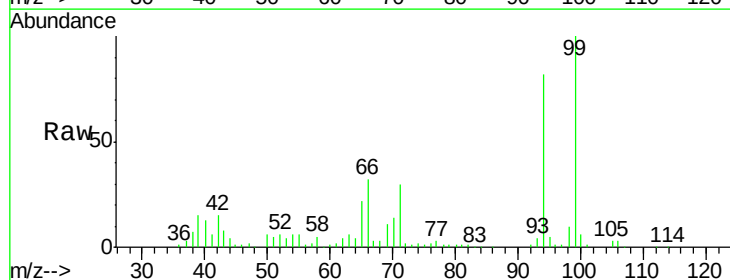
Tgt Ion: 94 Resp: 366159

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

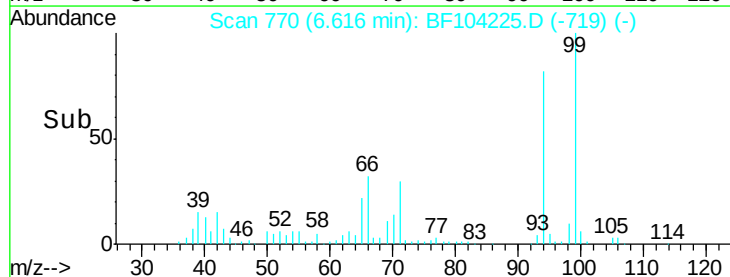
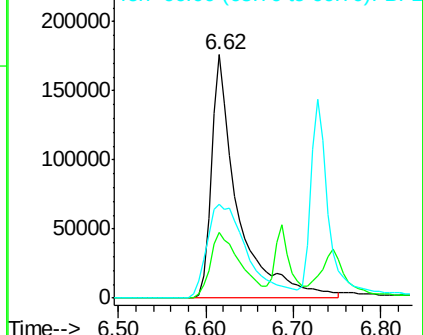
66 38.4 16.2 56.2

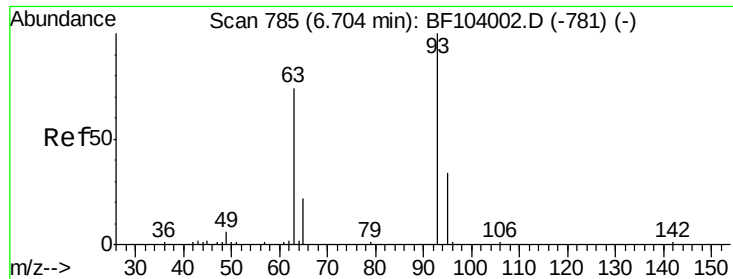


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 28.683 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

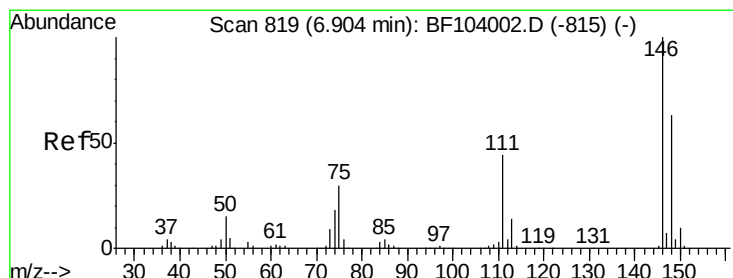
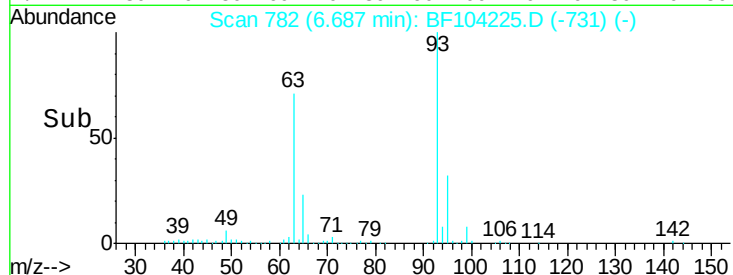
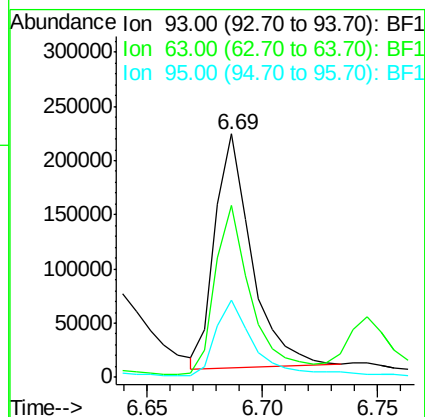
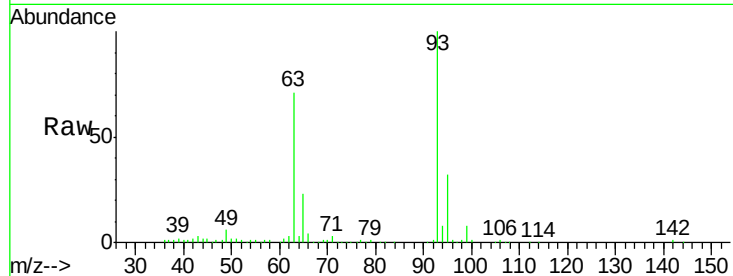
ClientSampleId :

PB107885BS

Tot Ion:	93	Resp:	238347
Ion Ratio	Lower	Upper	
93	100		
63	70.8	58.6	98.6
95	31.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 34.003 ng

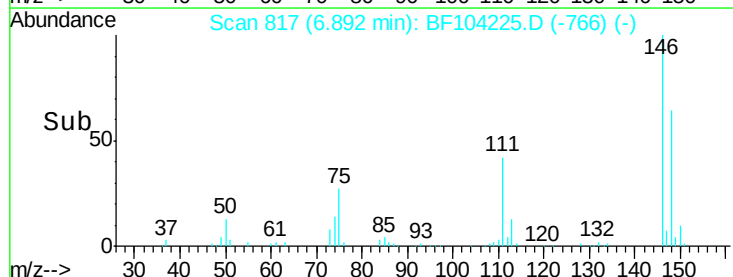
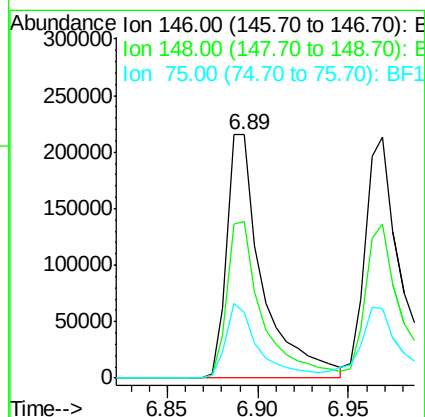
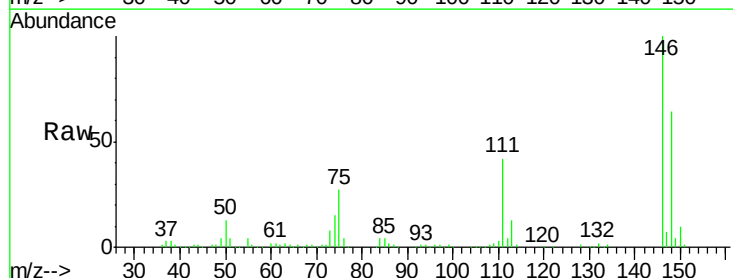
RT: 6.89 min Scan# 817

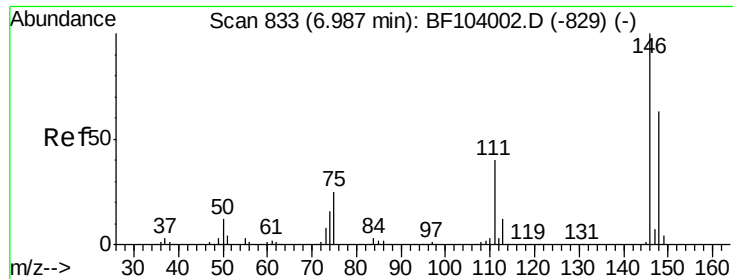
Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	146	Resp:	296600
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	27.1	24.2	36.4





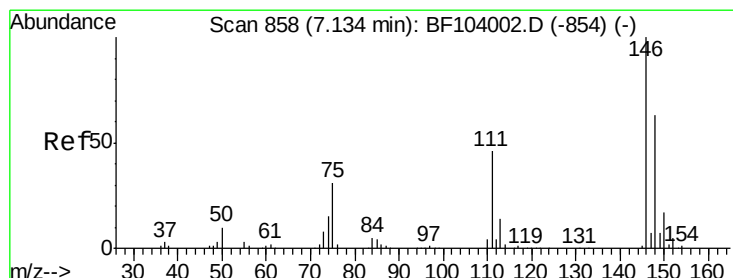
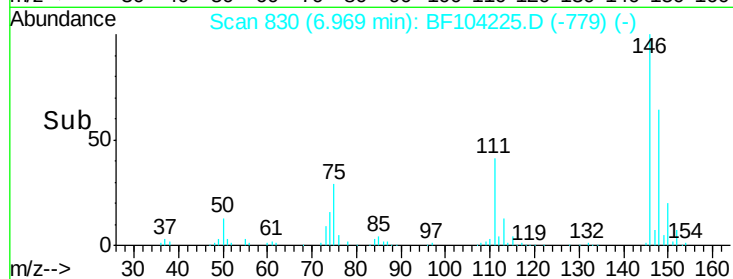
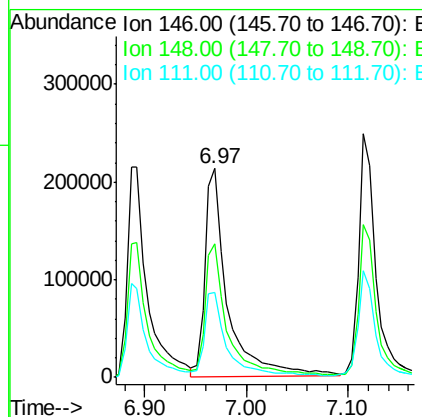
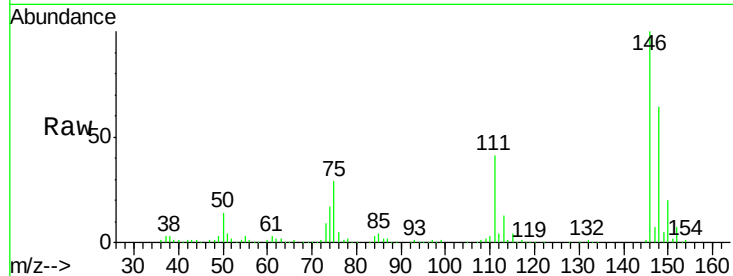
#13
1,4-Dichlorobenzene
Concen: 35.554 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	40.7	34.2	51.2

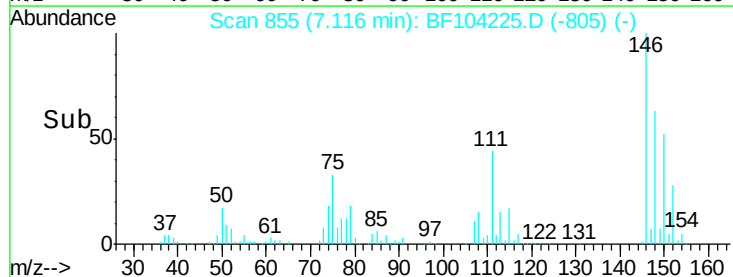
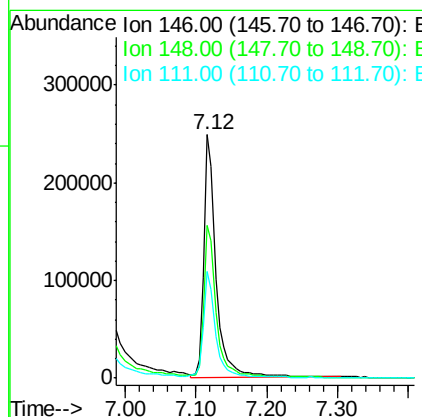
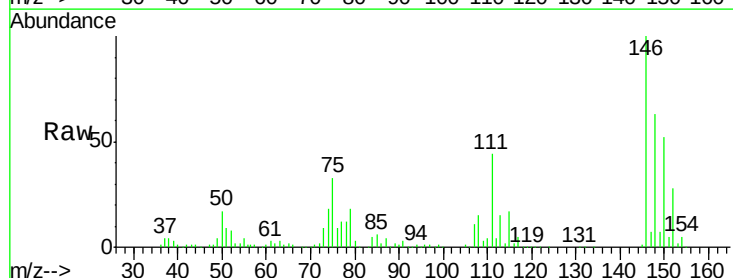
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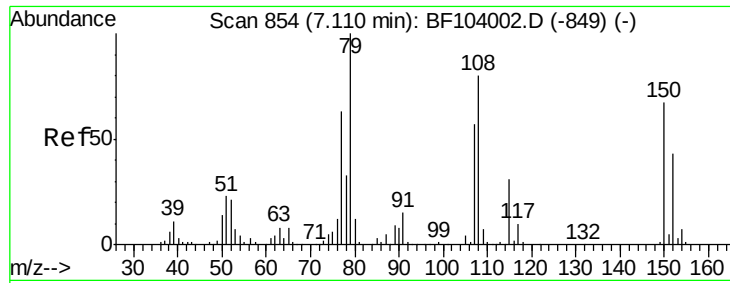
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#14
1,2-Dichlorobenzene
Concen: 36.058 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	43.9	36.0	54.0





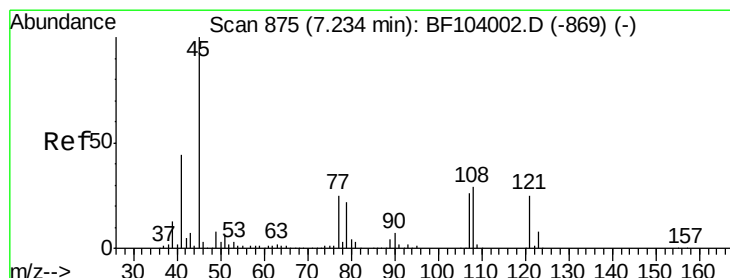
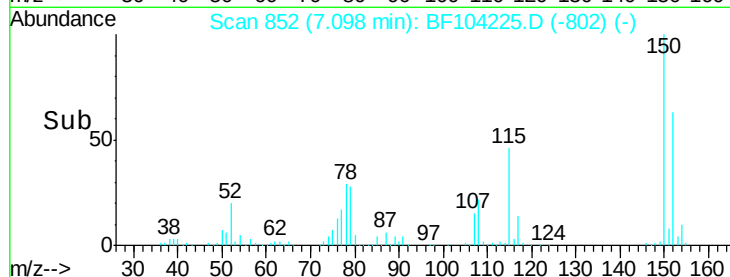
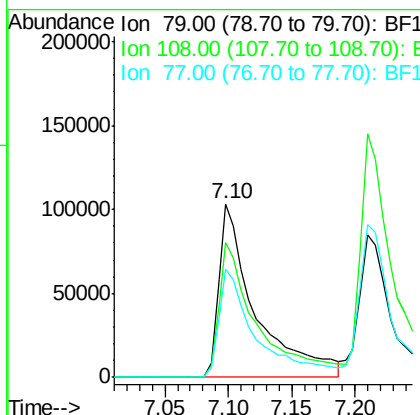
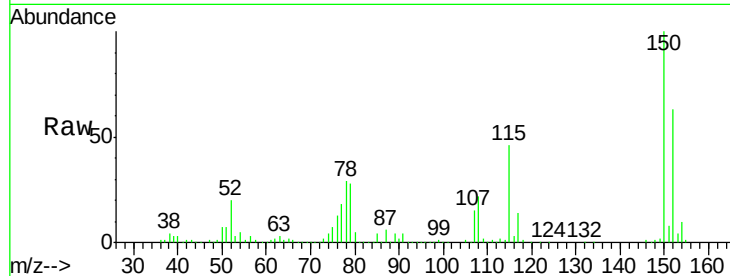
#15
Benzyl Alcohol
Concen: 36.727 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.6	65.1	97.7	
77	62.2	50.6	75.8	

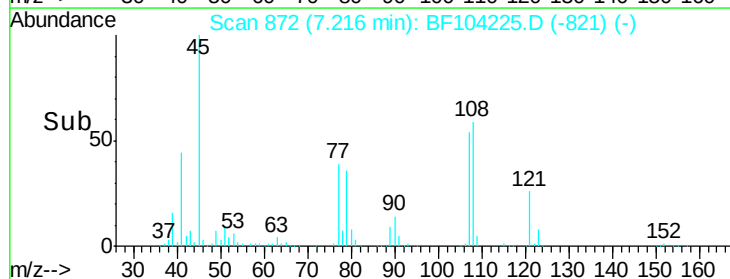
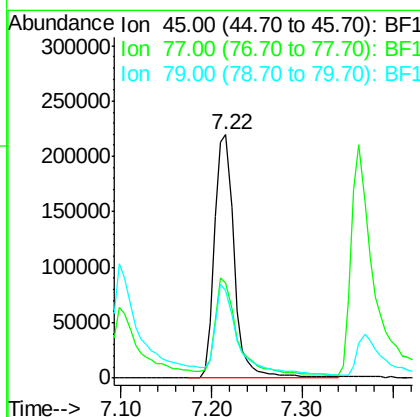
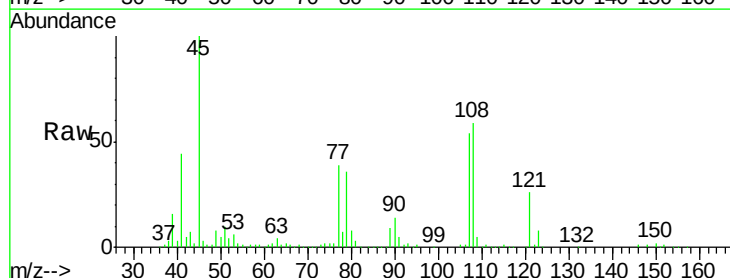
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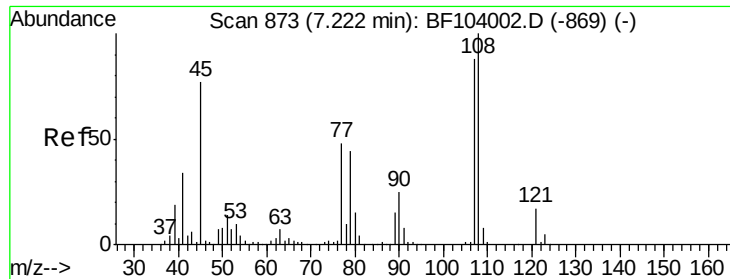
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.412 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	39.3	0.0	32.9#	
79	35.7	0.0	29.6#	





#17

2-Methylphenol

Concen: 36.594 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

PB107885BS

Tot Ion:107 Resp: 231115

Ion Ratio Lower Upper

107 100

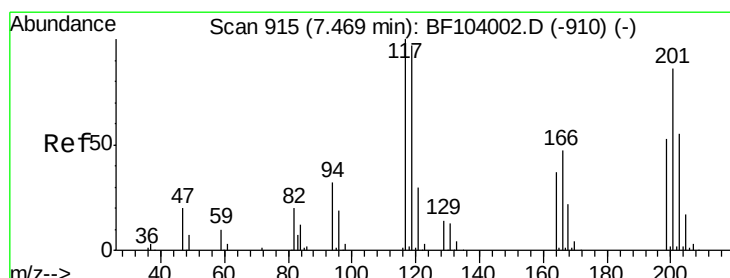
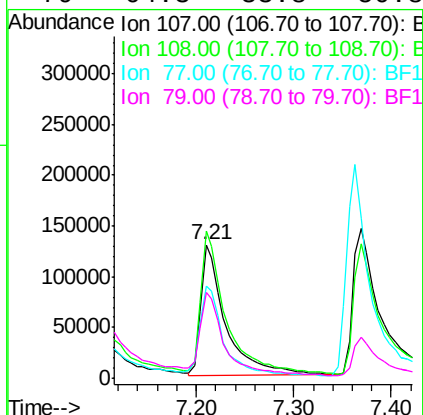
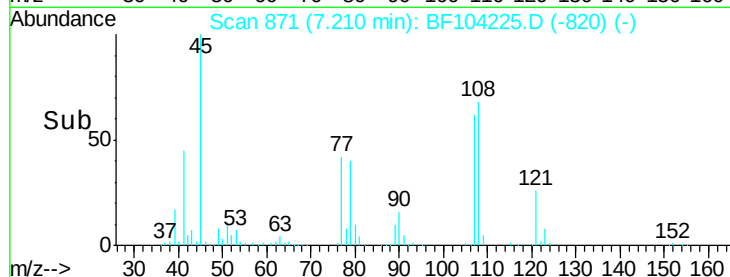
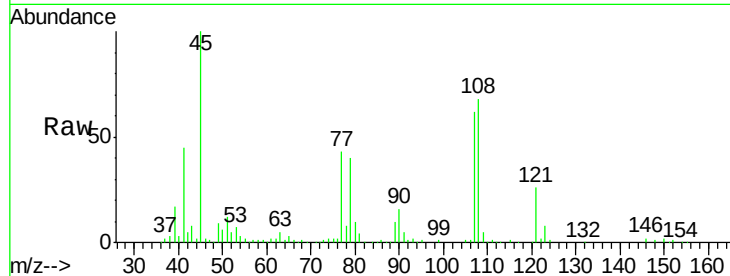
108 110.0 91.7 137.5

77 68.9 33.8 50.8#

79 64.3 33.8 50.8#

Manual Integrations
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#18

Hexachloroethane

Concen: 36.567 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

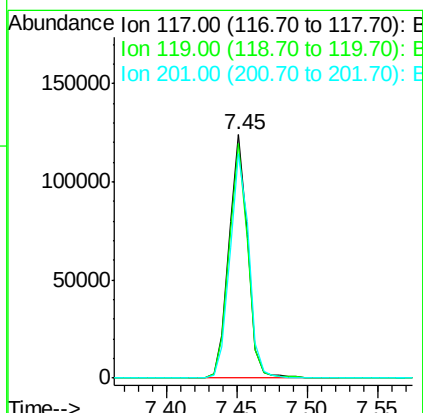
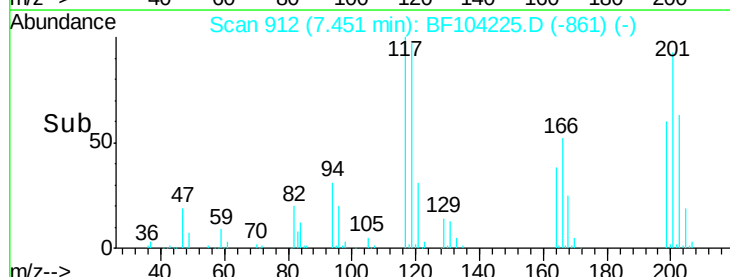
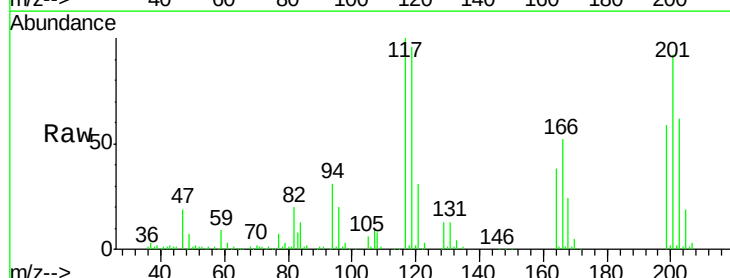
Tgt Ion:117 Resp: 114429

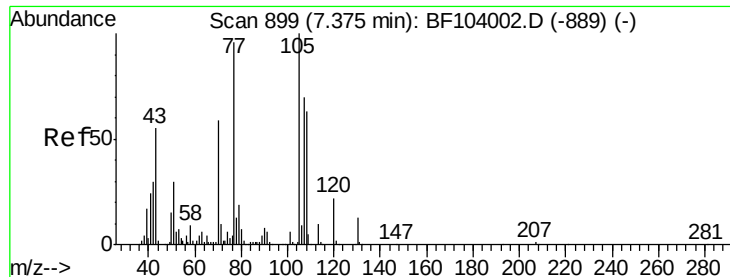
Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

201 92.0 75.7 113.5





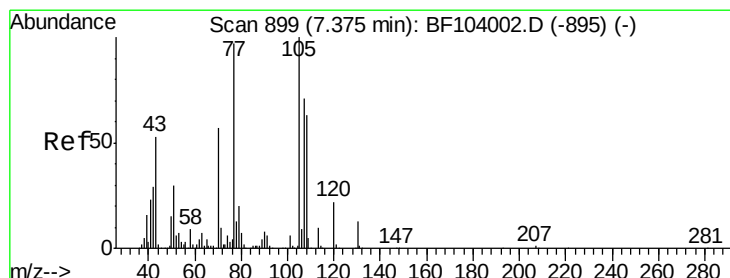
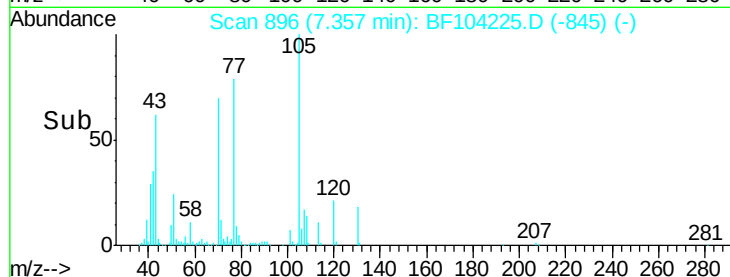
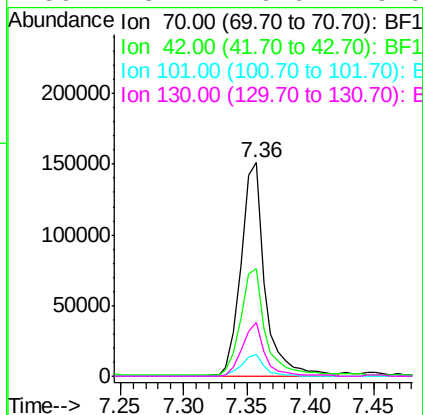
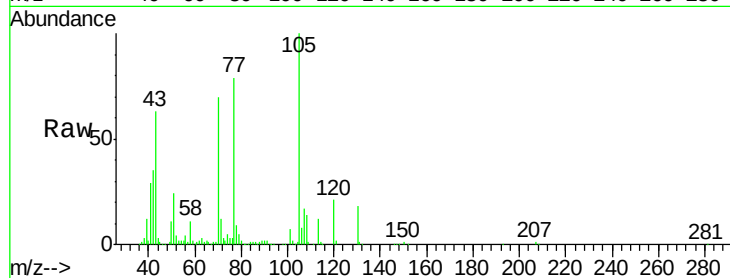
#19
n-Nitroso-di-n-propylamine
Concen: 38.195 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	70	Resp	197278
Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.5	71.3
101	10.3	7.4	11.2
130	25.2	16.6	25.0#

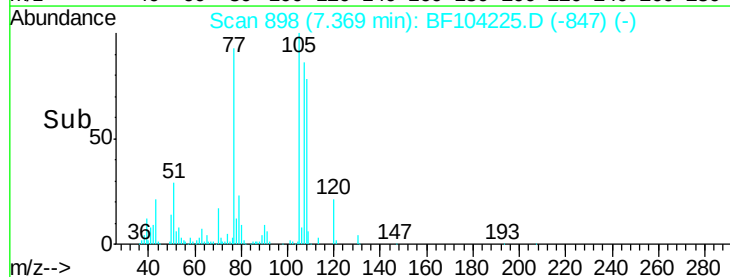
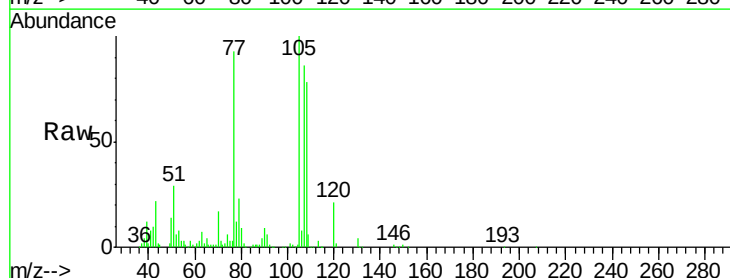
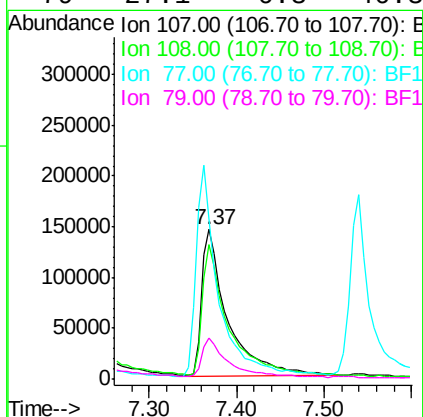
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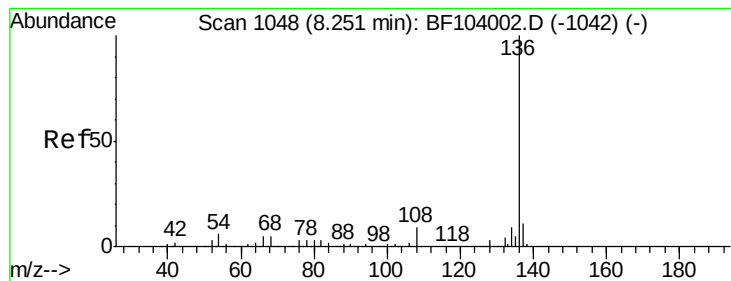
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#20
3+4-Methylphenols
Concen: 37.189 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	107	Resp	299761
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	107.4	26.7	66.7#
79	27.1	6.3	46.3





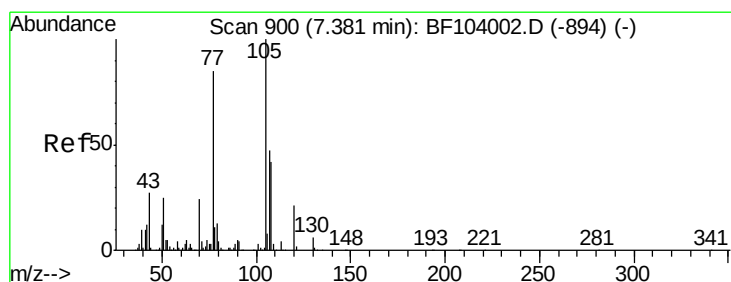
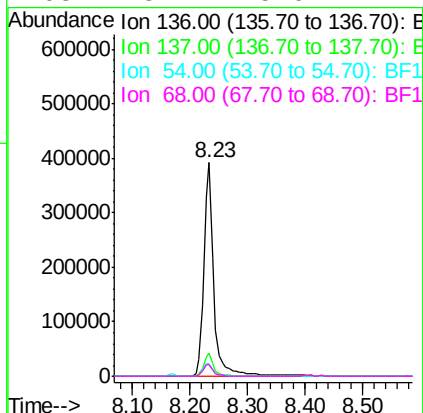
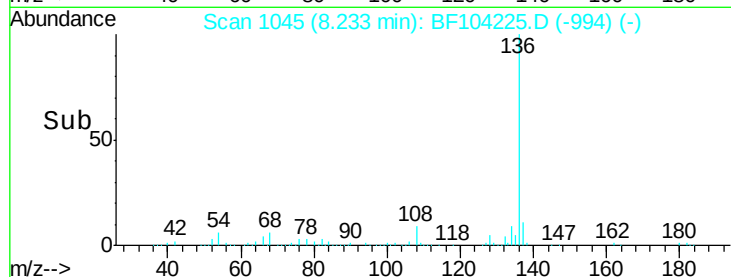
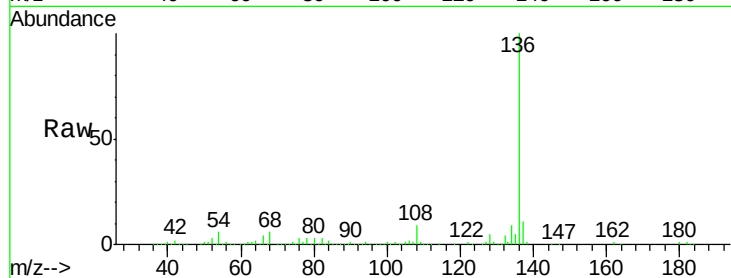
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		482564		
137	10.8		8.9	13.3	
54	6.2		6.6	9.8#	
68	5.7		5.0	7.4	

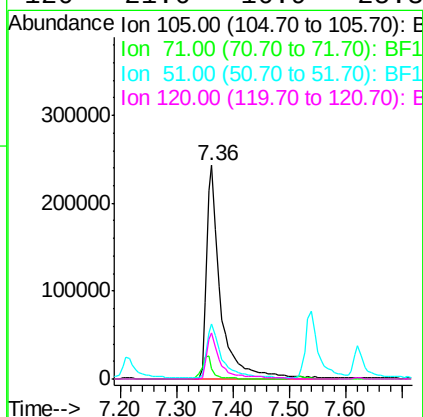
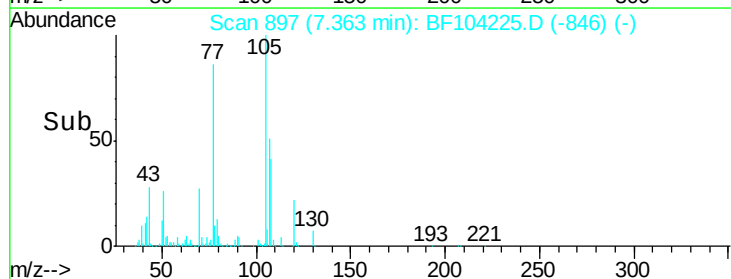
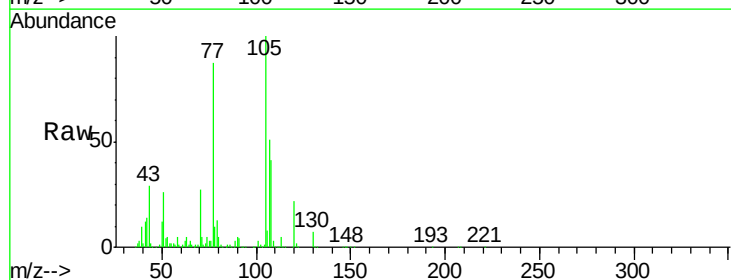
Manual Integrations
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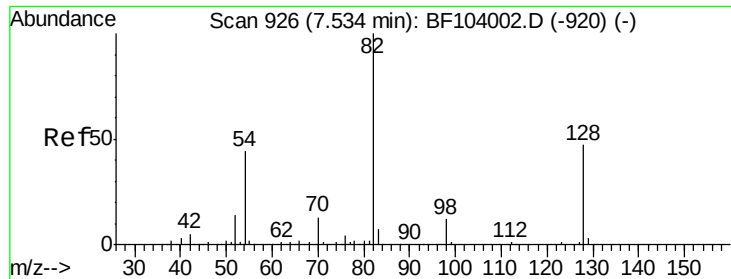
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#22
Acetophenone
Concen: 36.375 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		424701		
71	4.7		4.4	6.6	
51	25.8		22.3	33.5	
120	21.6		16.9	25.3	





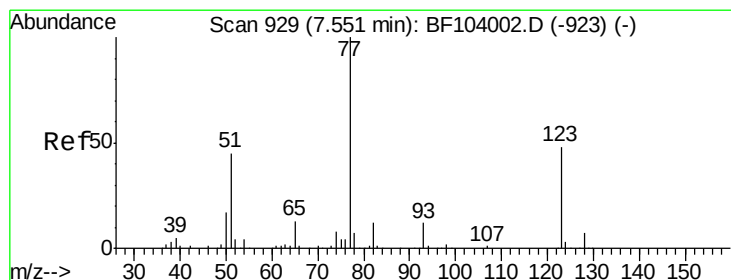
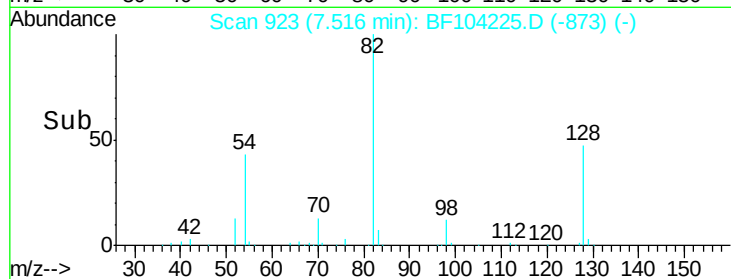
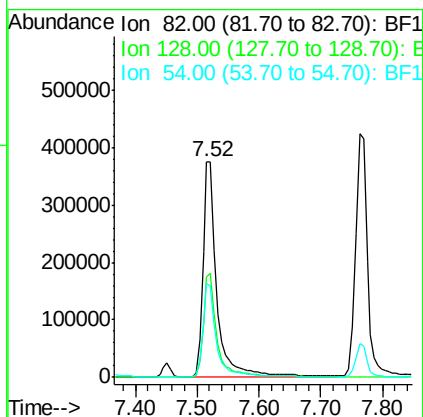
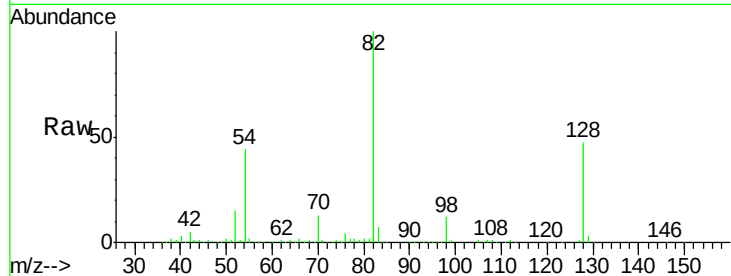
#23
Nitrobenzene-d5
Concen: 76.417 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	43.8	41.4	62.2

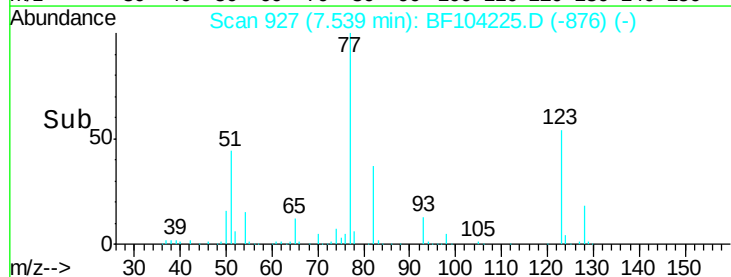
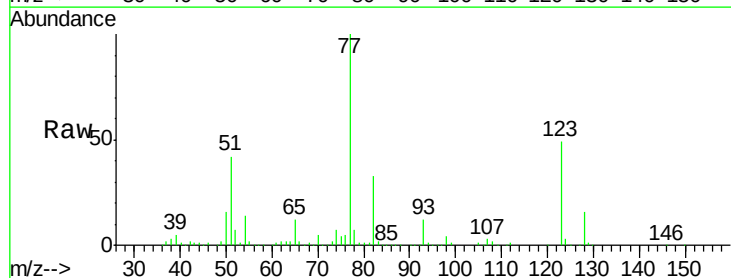
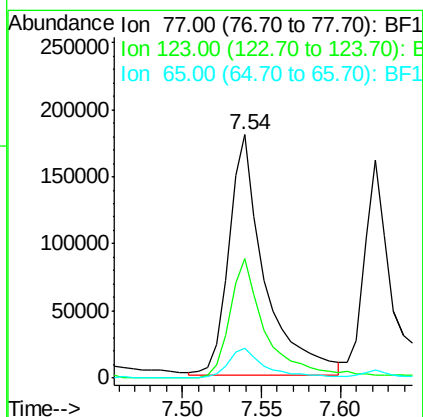
Manual Integrations
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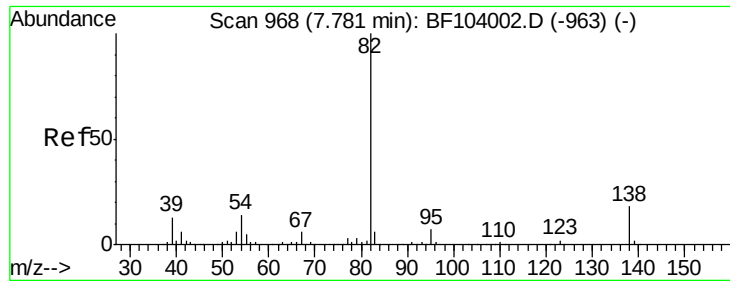
Sohil
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#24
Nitrobenzene
Concen: 33.652 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.9	56.9
65	12.1	11.0	16.4





#25

Isophorone

Concen: 39.312 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

PB107885BS

Tot Ion: 82 Resp: 571669

Ion Ratio Lower Upper

82 100

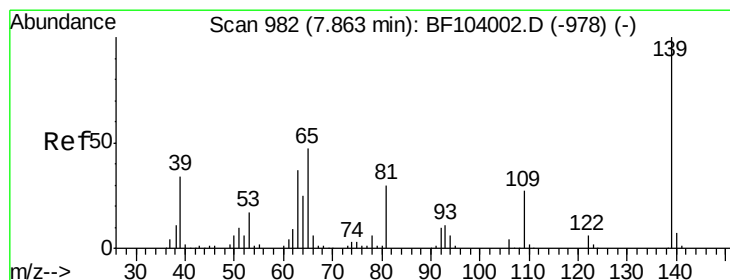
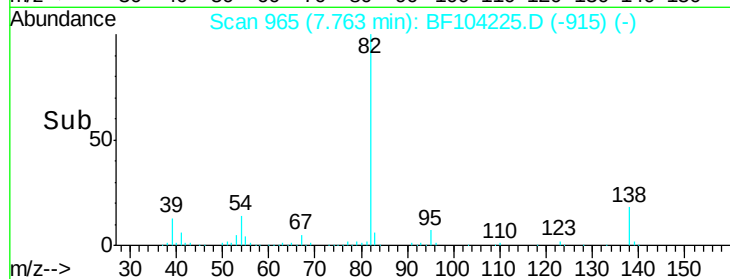
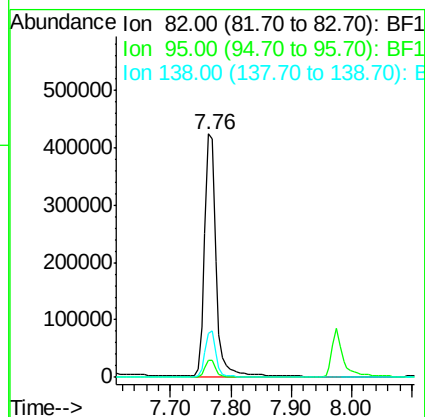
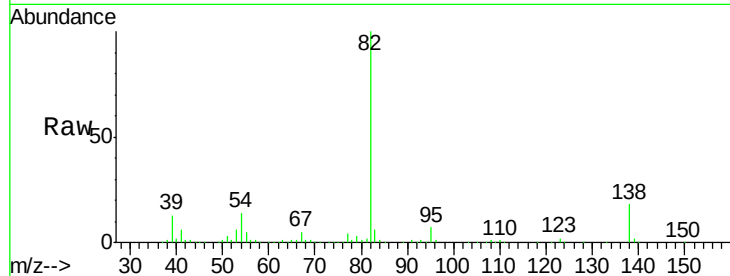
95 7.0 5.2 7.8

138 17.8 14.9 22.3

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 37.361 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

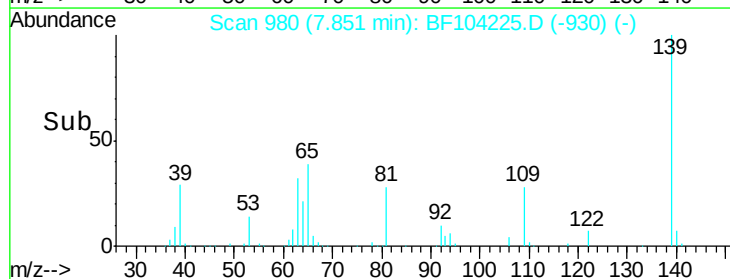
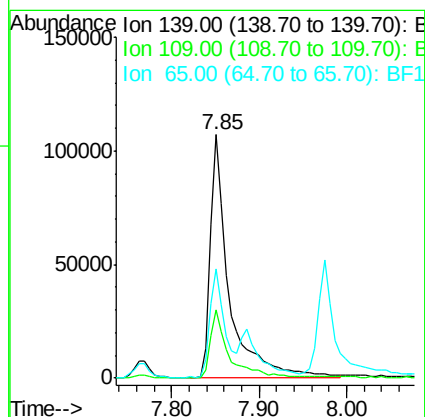
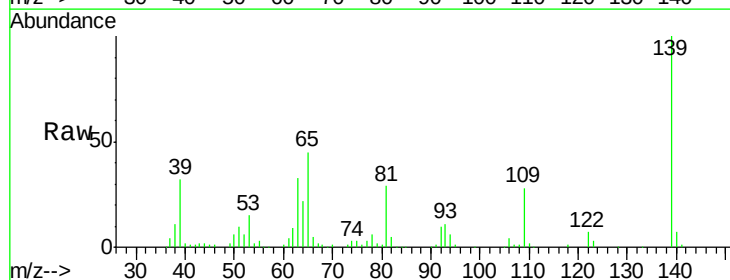
Tgt Ion: 139 Resp: 161914

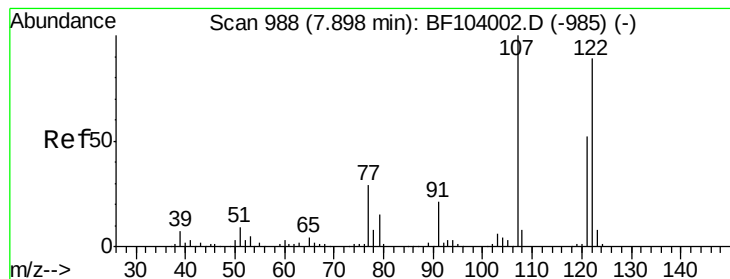
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 44.7 40.5 60.7





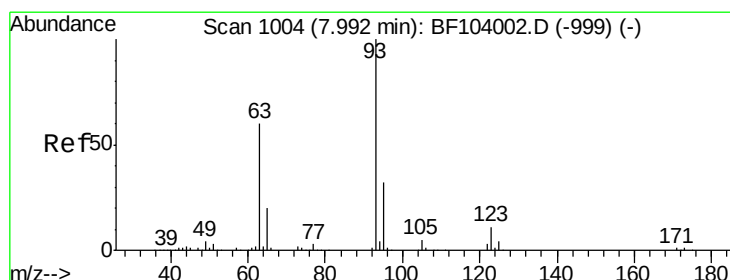
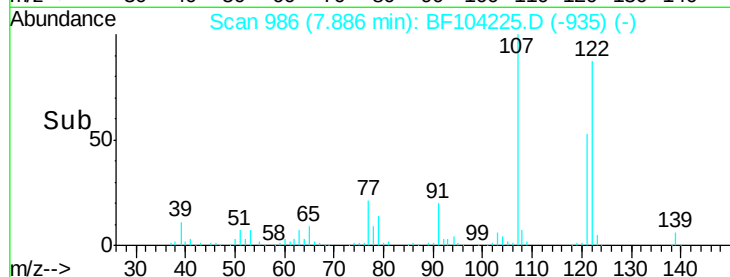
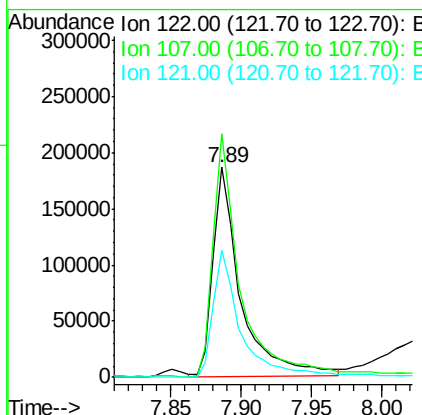
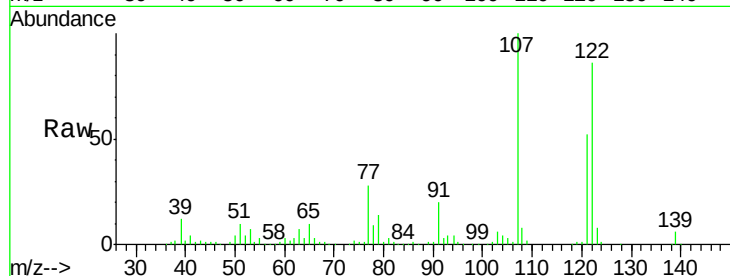
#27
 2,4-Dimethylphenol
 Concen: 40.877 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.2	136.8
121	60.6	47.2	70.8

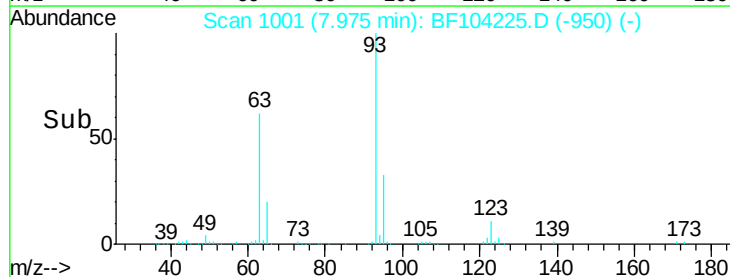
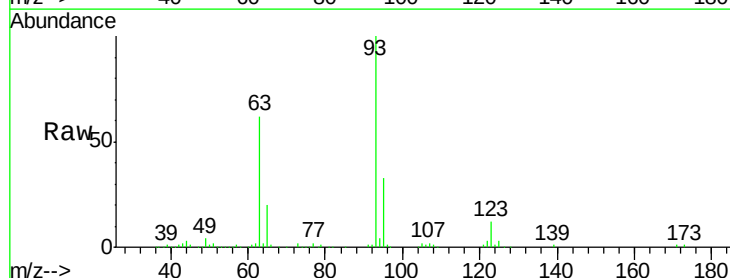
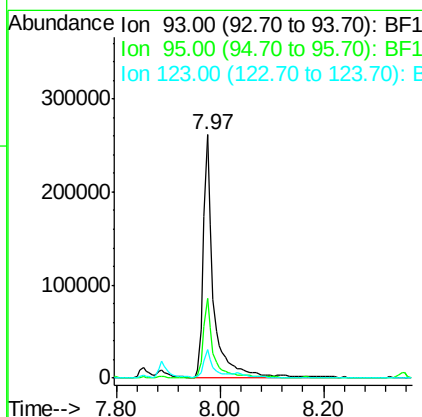
Manual Integrations
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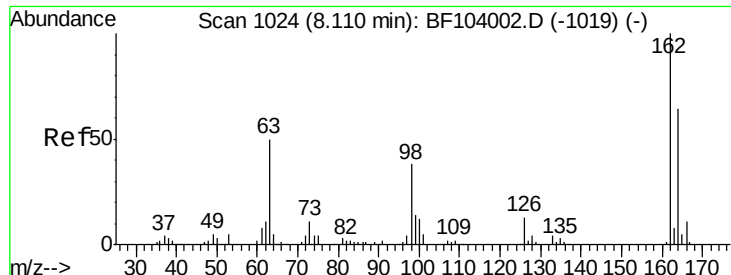
Sohil
 4/5/2018 4:38:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.052 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.8	9.8	14.6





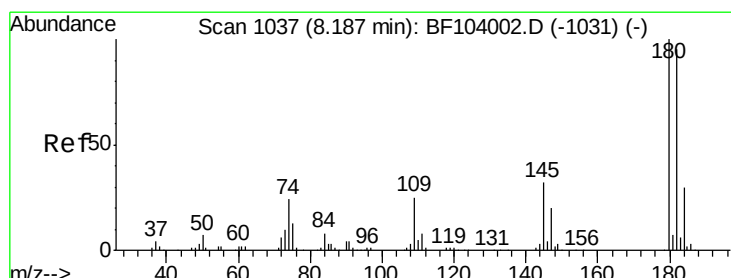
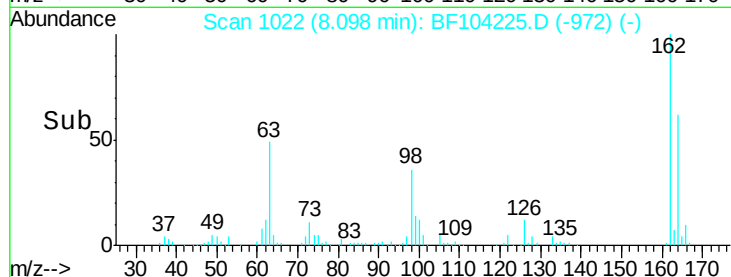
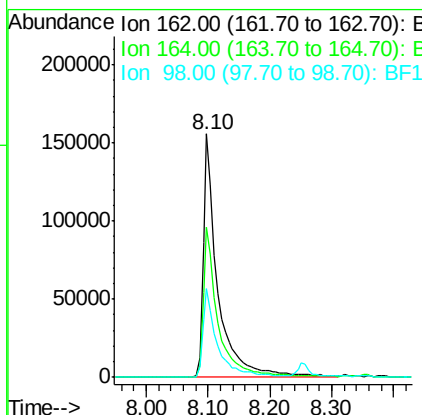
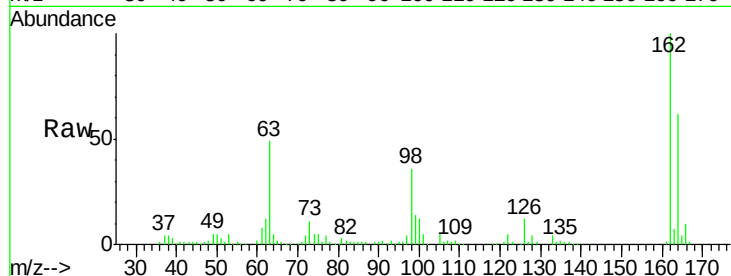
#29
 2,4-Dichlorophenol
 Concen: 39.321 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	256700		
164	61.8	42.7	82.7	
98	36.4	18.1	58.1	

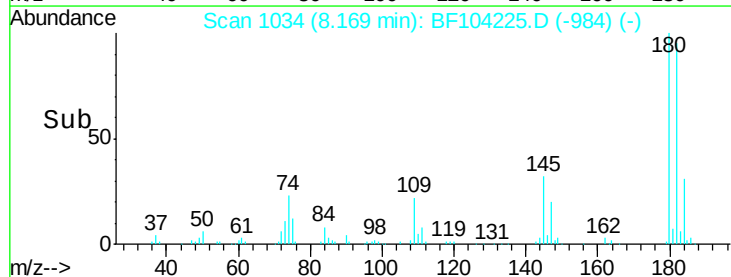
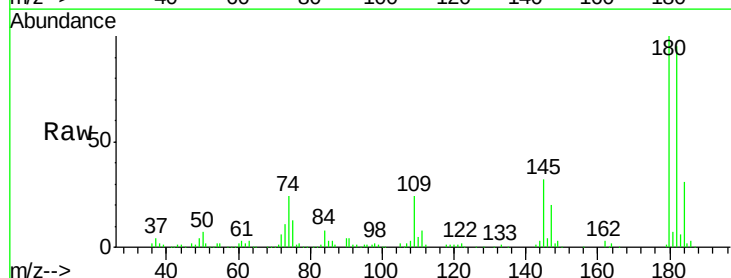
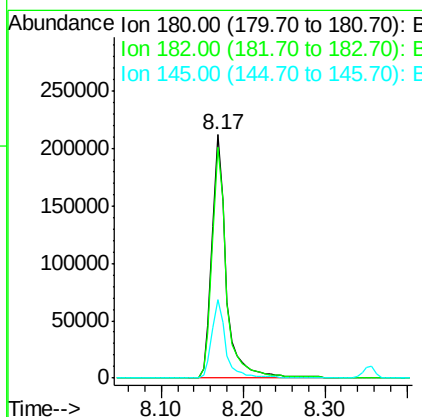
Manual Integrations
 APPROVED

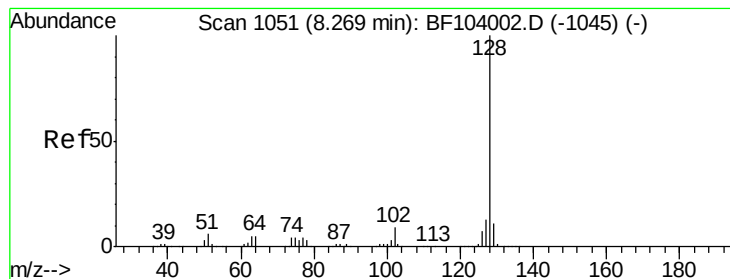
Sohil
 4/5/2018 4:38:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.235 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	260990		
182	94.7	76.8	115.2	
145	32.0	26.5	39.7	





#31

Naphthalene

Concen: 37.593 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

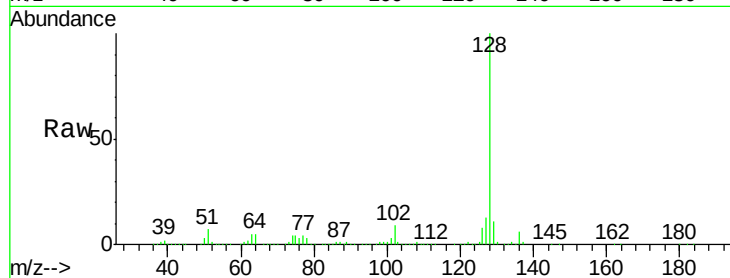
ClientSampleId :

PB107885BS

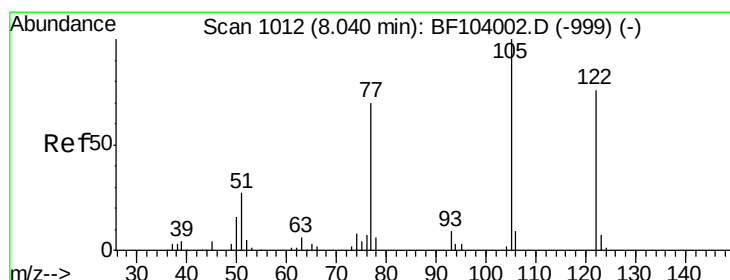
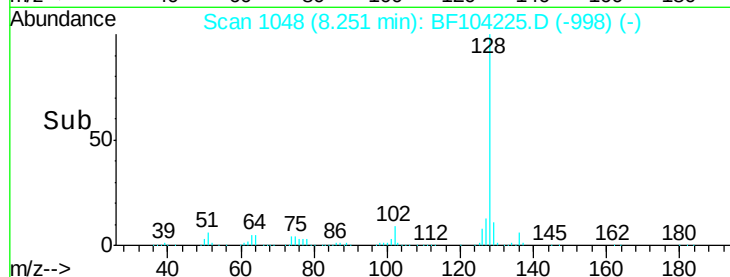
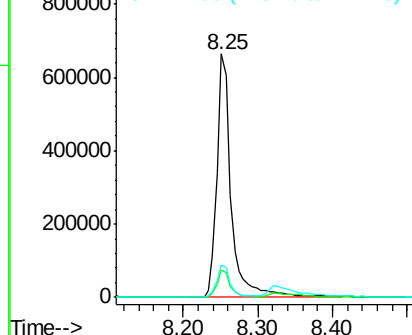
Tot Ion:	128	Resp:	886259
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

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



#32

Benzoic acid

Concen: 35.272 ng

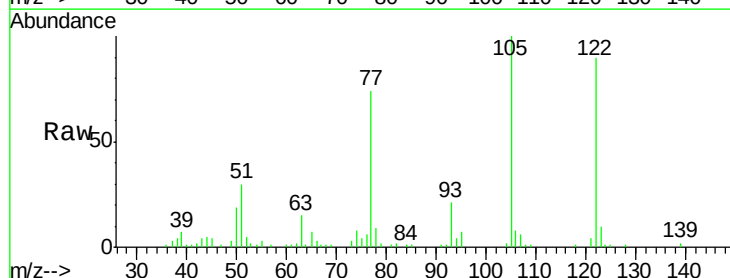
RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

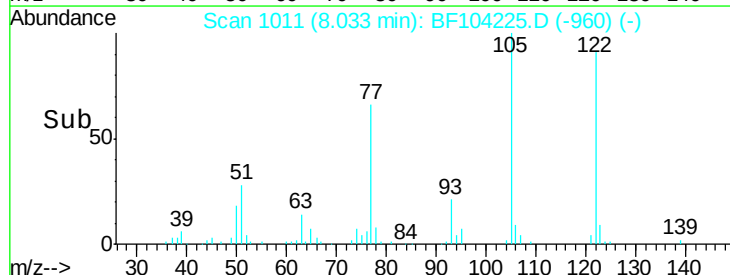
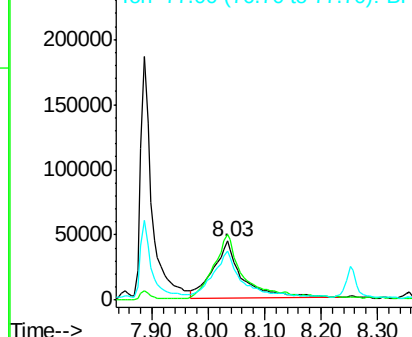
Lab File: BF104225.D

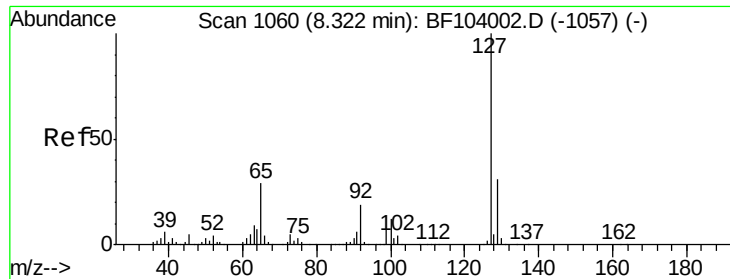
Acq: 4 Apr 2018 15:16

Tgt Ion:	122	Resp:	161498
Ion Ratio	Lower	Upper	
122	100		
105	111.3	101.1	141.1
77	82.0	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





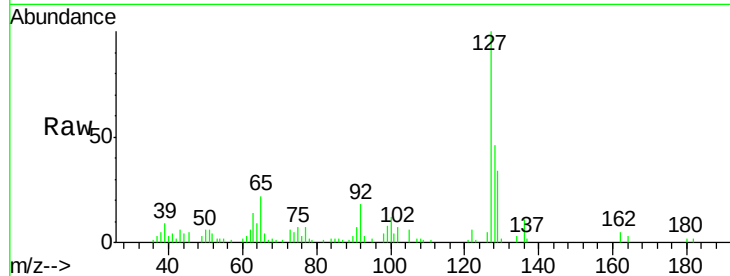
#33
4-Chloroaniline
Concen: 7.783 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

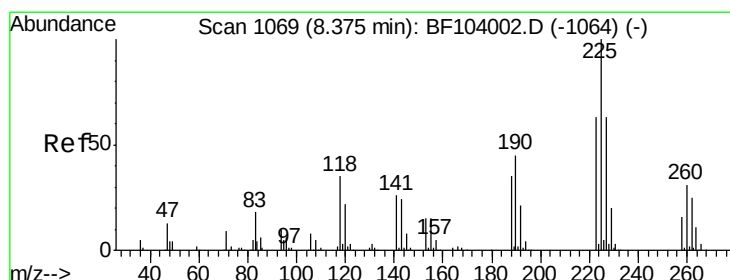
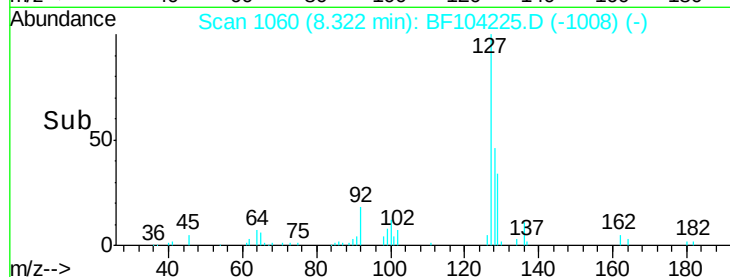
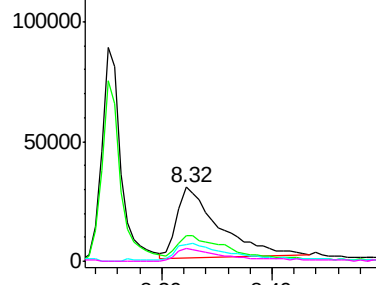
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		77357		
129	34.2	25.9	38.9		
65	22.4	25.0	37.4		
92	17.9	15.2	22.8		

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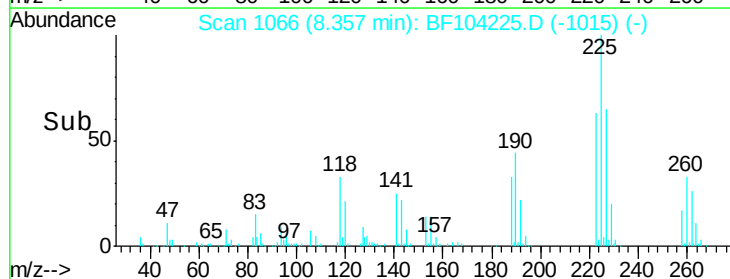
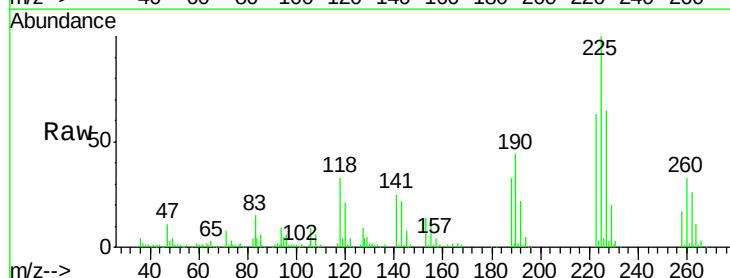
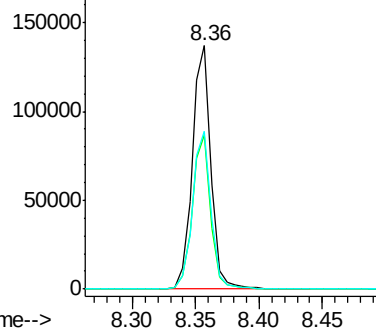
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

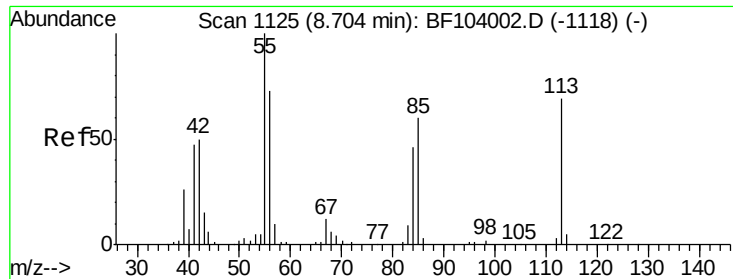


#34
Hexachlorobutadiene
Concen: 34.873 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		140565		
223	63.3	50.6	76.0		
227	65.0	51.9	77.9		

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





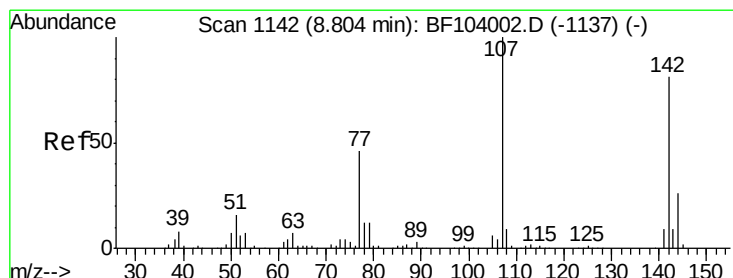
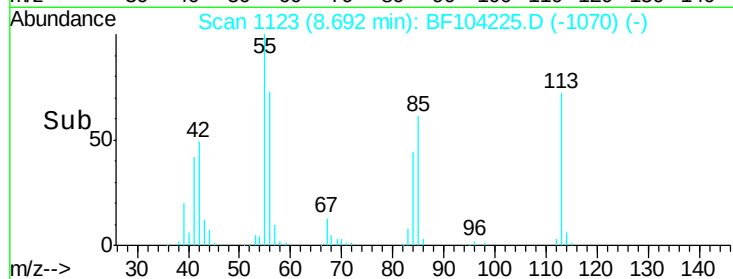
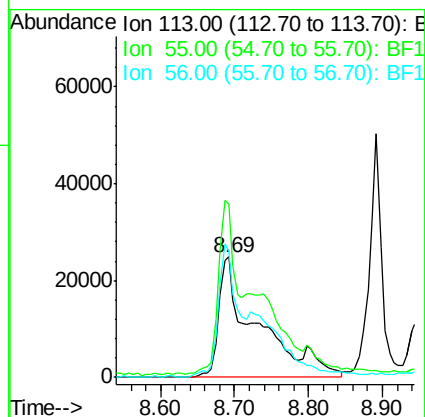
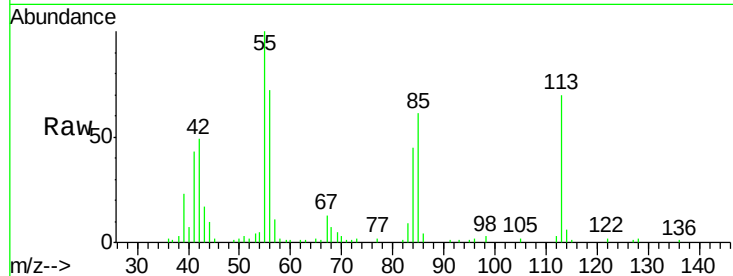
#35
 Caprolactam
 Concen: 43.568 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion: 113 Resp: 90187
 Ion Ratio Lower Upper
 113 100
 55 143.4 163.3 203.3#
 56 103.9 115.7 155.7#

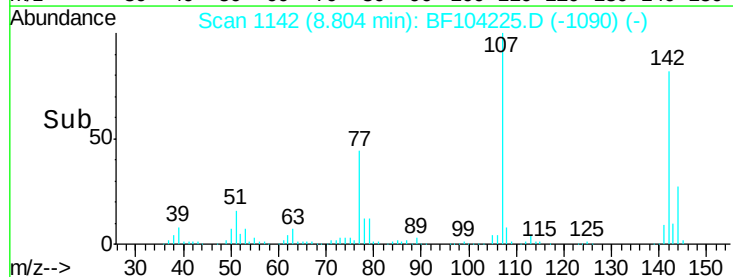
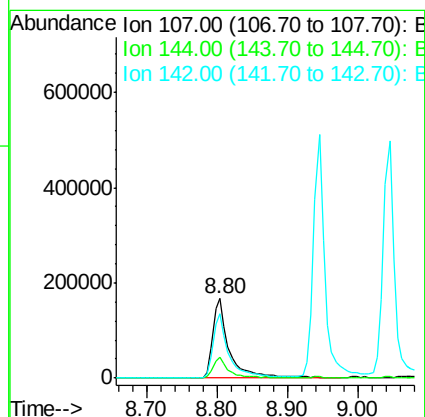
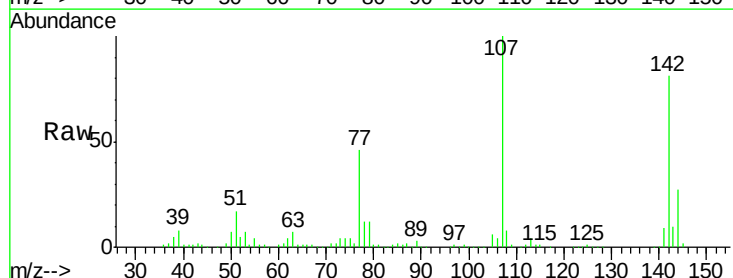
Manual Integrations
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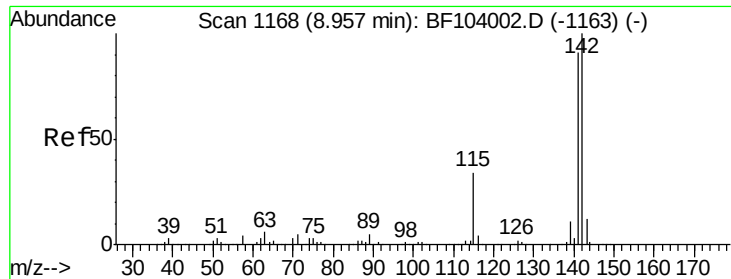
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 4/5/2018 4:38:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.754 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion: 107 Resp: 274504
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 81.3 62.0 93.0





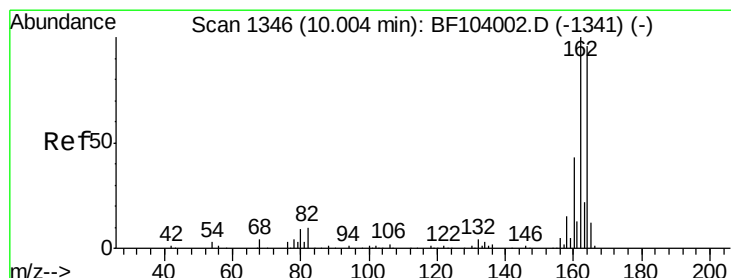
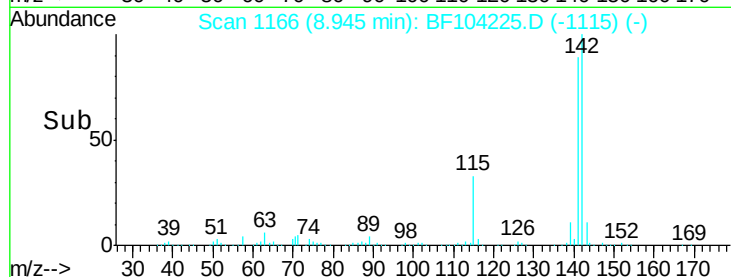
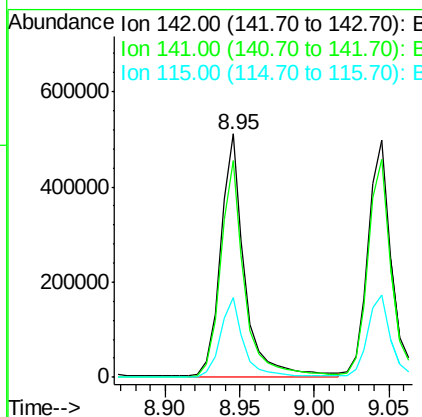
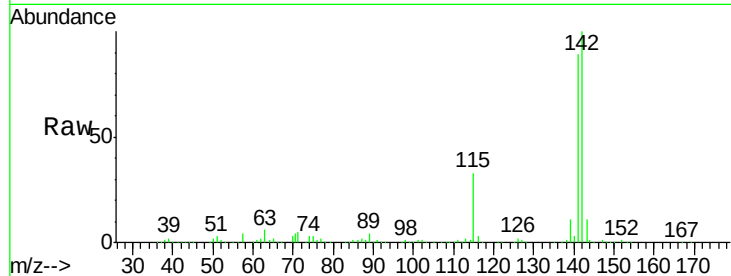
#37
 2-Methylnaphthalene
 Concen: 37.214 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	577893		
141	89.1		70.8	106.2
115	32.9		26.1	39.1

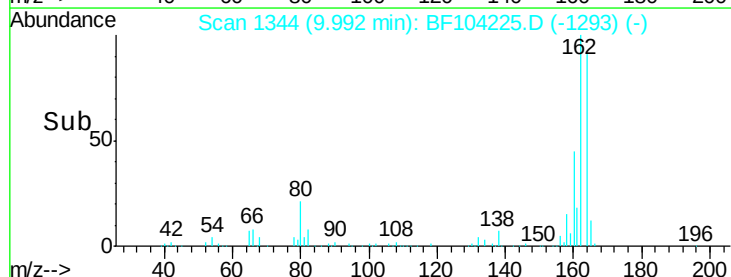
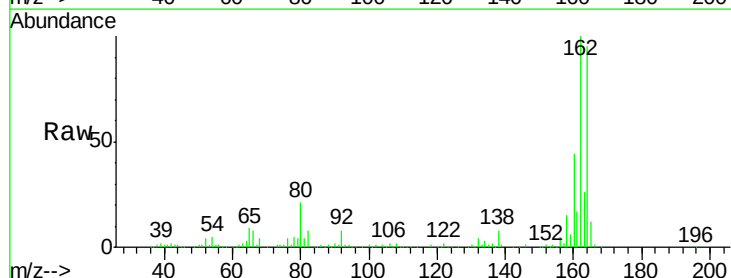
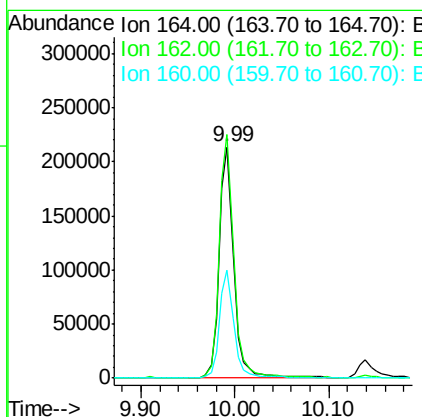
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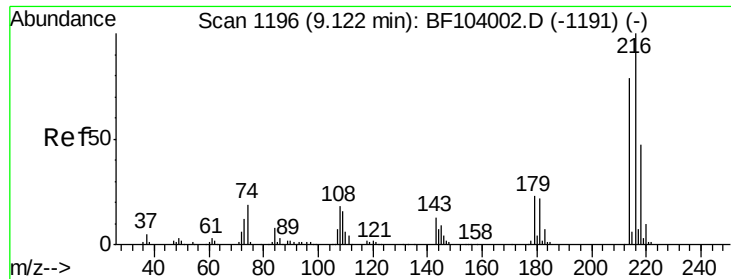
Sohil
 4/5/2018 4:38:44 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	233675		
162	105.3		86.1	129.1
160	46.8		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.986 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

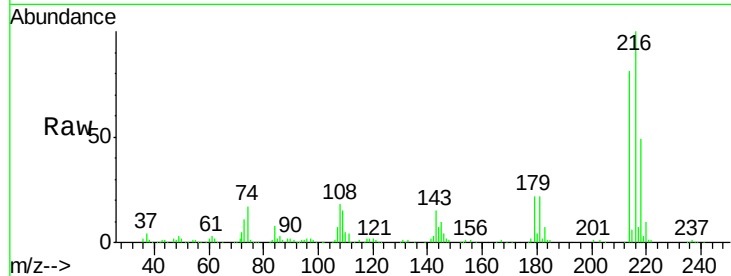
ClientSampleId :

PB107885BS

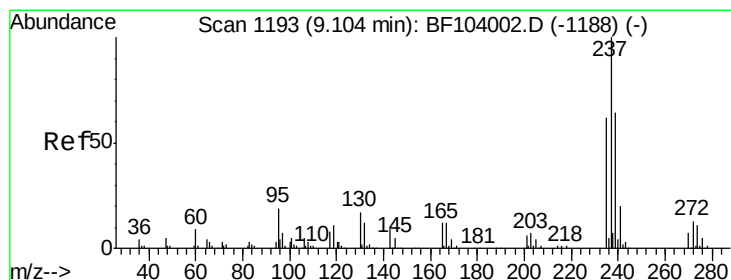
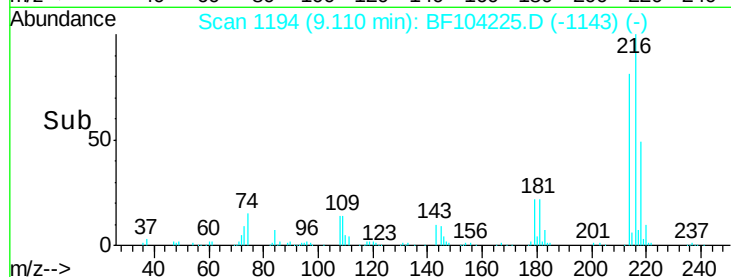
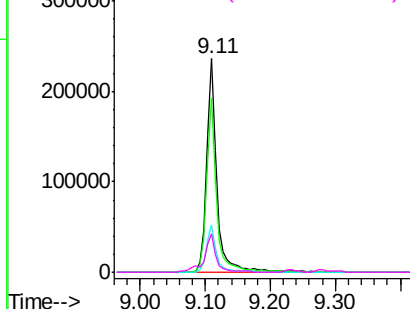
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.1	18.1	27.1
108	19.6	17.2	25.8

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



#40

Hexachlorocyclopentadiene

Concen: 57.226 ng

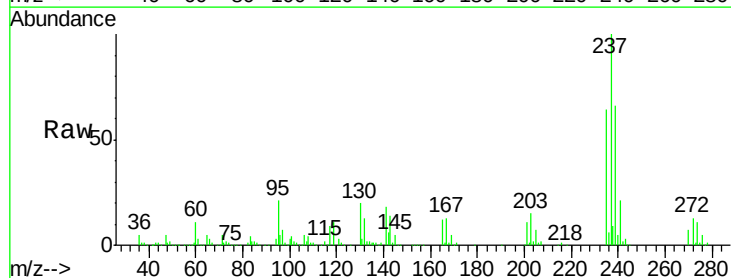
RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

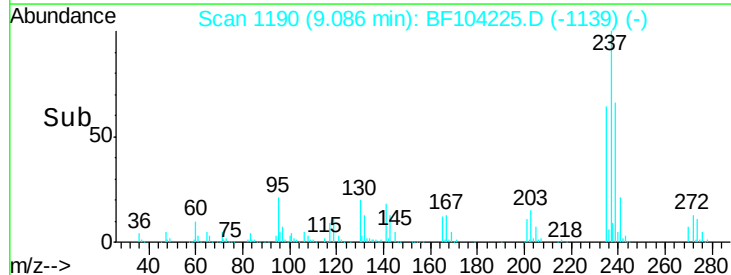
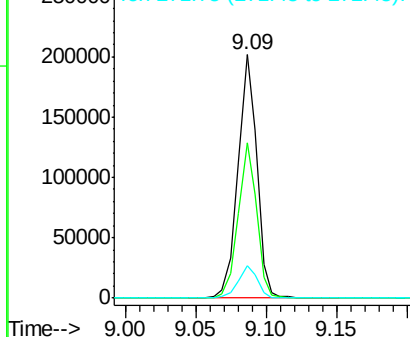
Lab File: BF104225.D

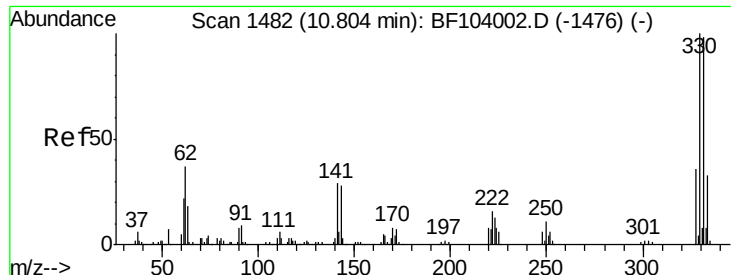
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	13.5	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 113.416 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

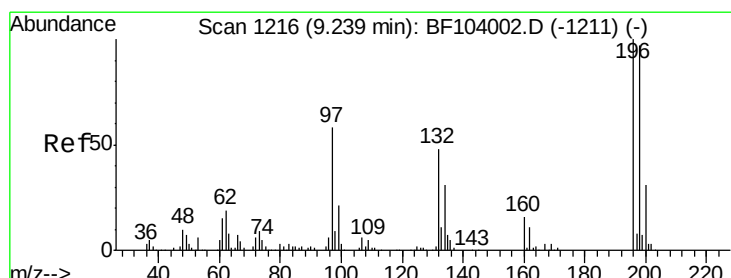
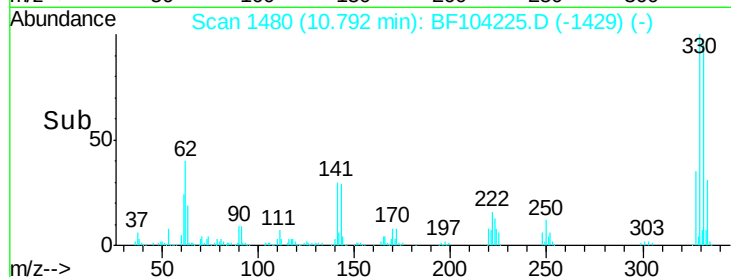
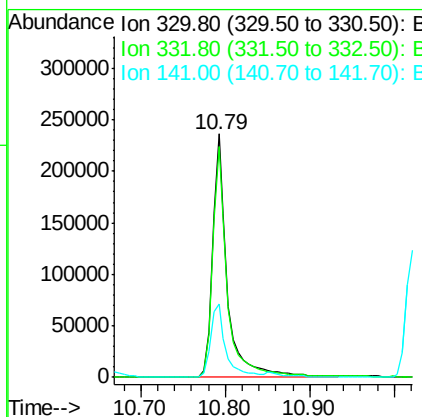
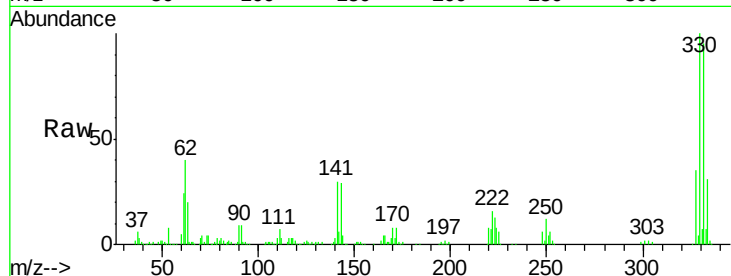
ClientSampleId :

PB107885BS

Tot Ion:	330	Resp:	295105
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	29.7	29.9	44.9#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 36.216 ng

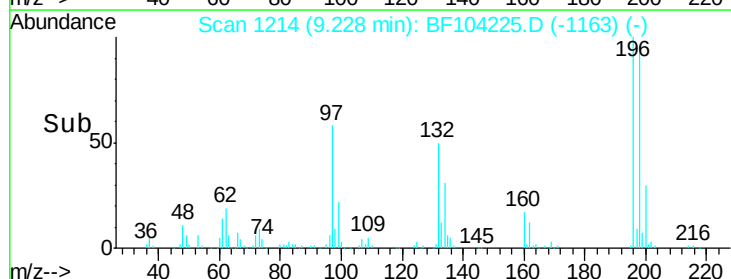
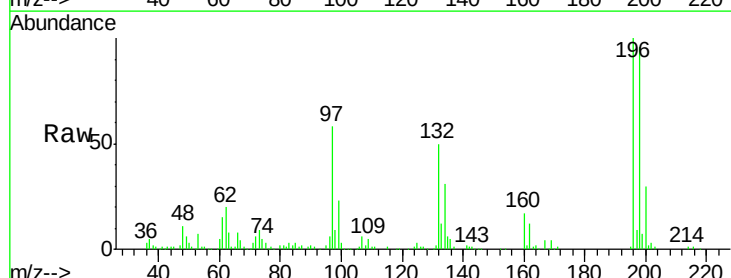
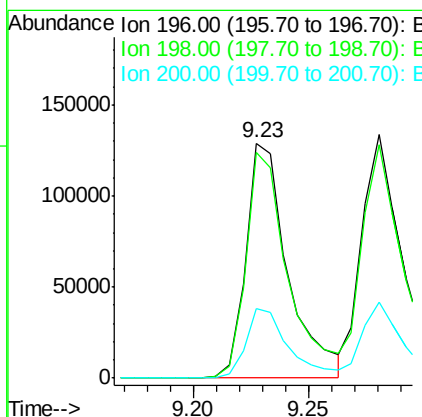
RT: 9.23 min Scan# 1214

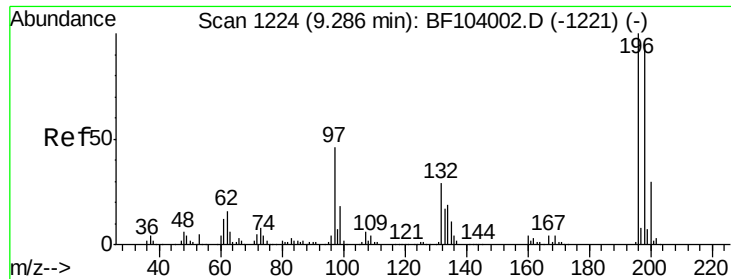
Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	196	Resp:	164328
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.7	113.5
200	29.7	24.5	36.7





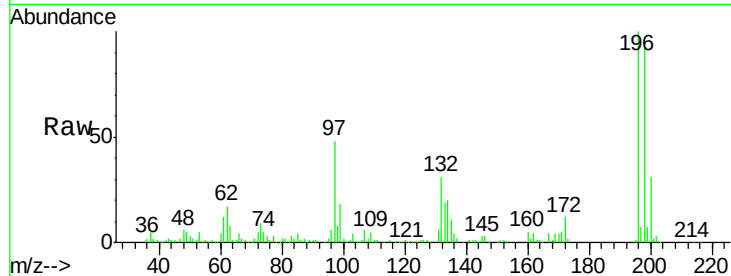
#43
 2,4,5-Trichlorophenol
 Concen: 33.921 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

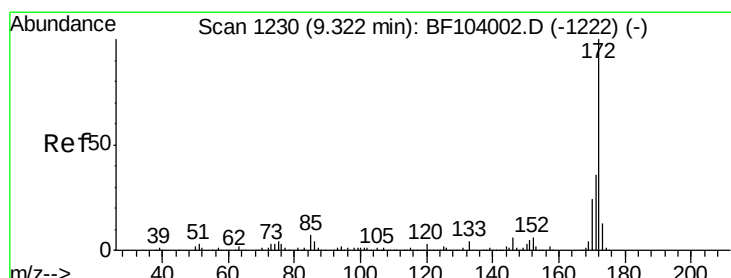
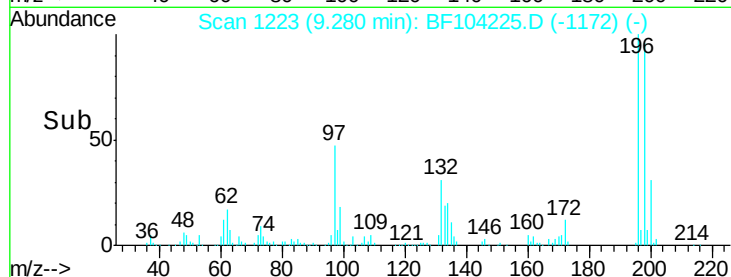
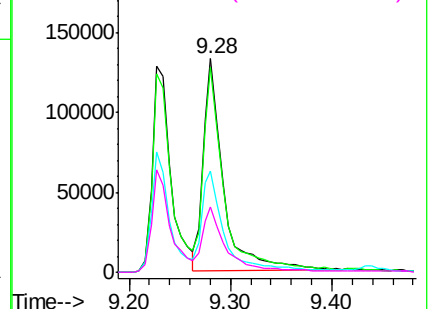
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		185840		
198	95.9	74.6	112.0		
97	47.6	42.9	64.3		
132	30.8	26.3	39.5		

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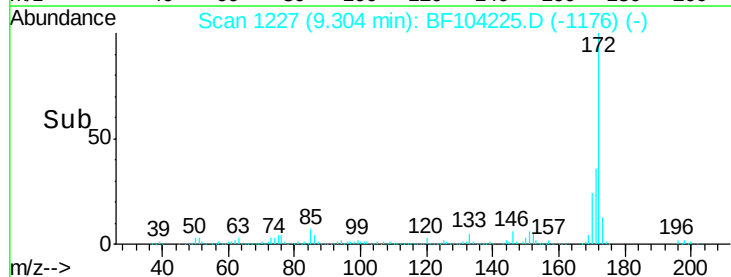
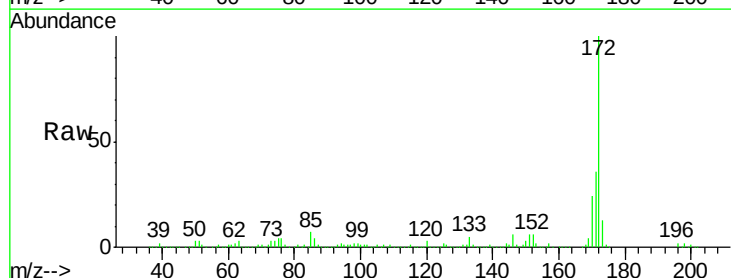
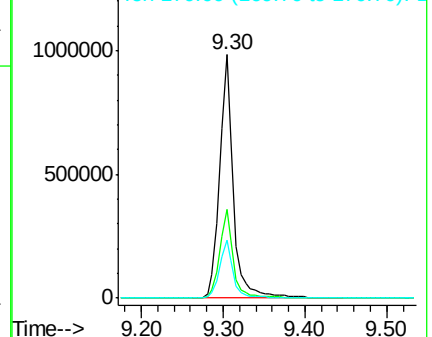
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

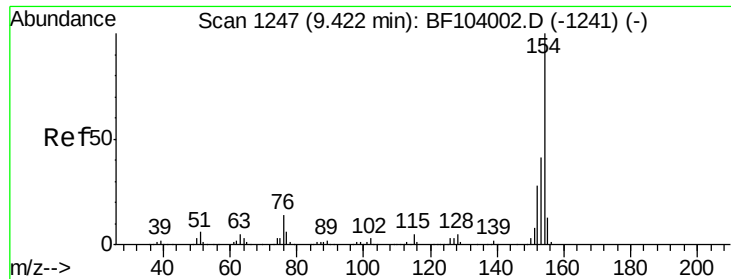


#44
 2-Fluorobiphenyl
 Concen: 78.878 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1168853		
171	36.2	29.7	44.5		
170	23.9	19.6	29.4		

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





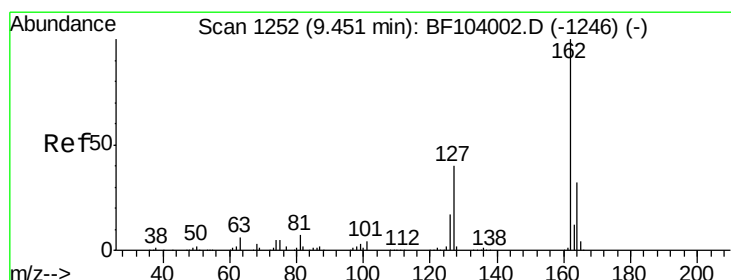
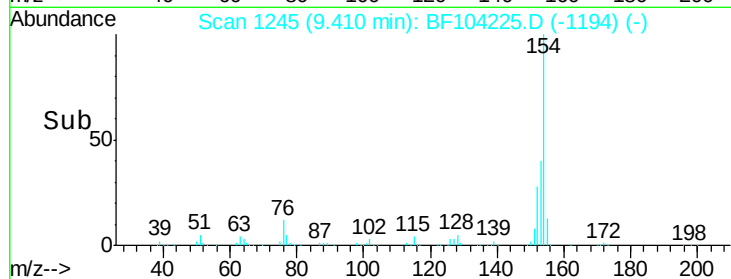
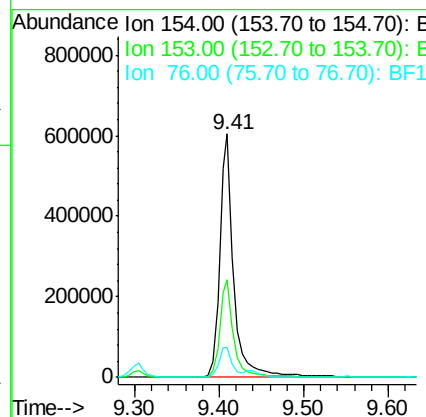
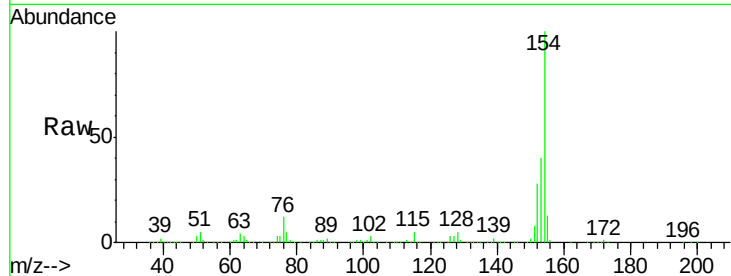
#45
 1,1'-Biphenyl
 Concen: 35.609 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion:	154	Resp:	714170
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.3	61.3
76	12.4	0.0	34.0

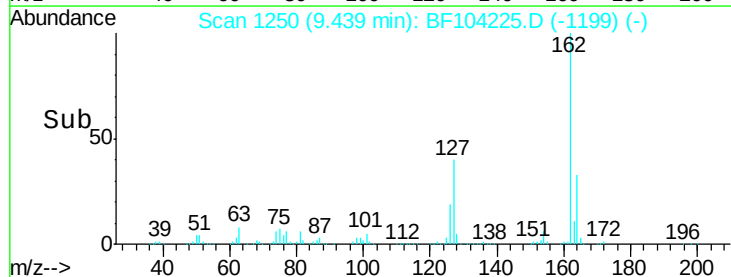
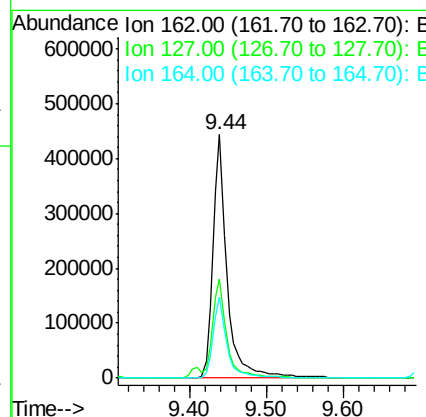
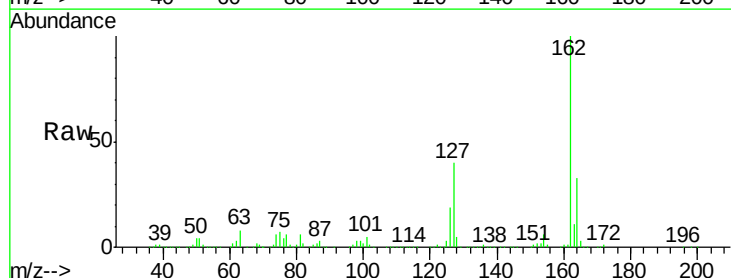
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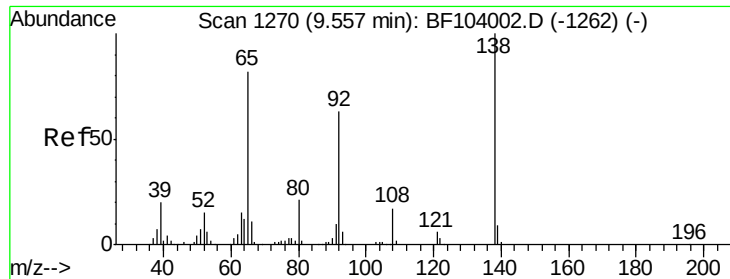
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#46
 2-Chloronaphthalene
 Concen: 35.452 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:	162	Resp:	560847
Ion Ratio	Lower	Upper	
162	100		
127	40.5	33.9	50.9
164	33.3	26.5	39.7





#47

2-Nitroaniline

Concen: 35.852 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

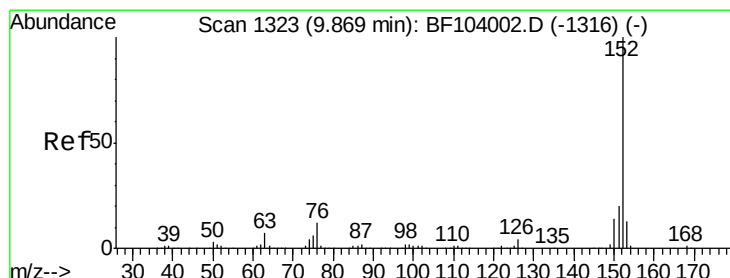
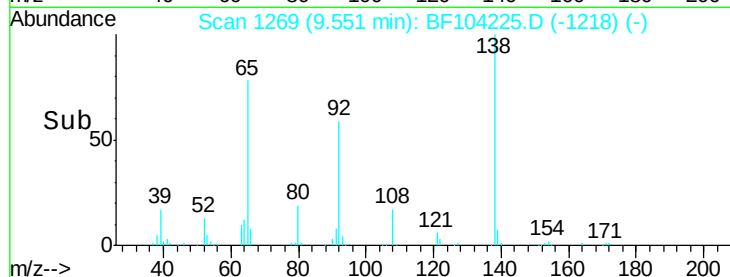
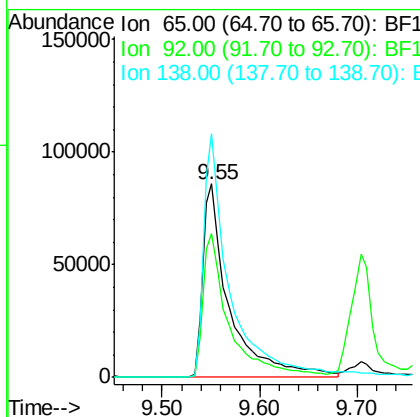
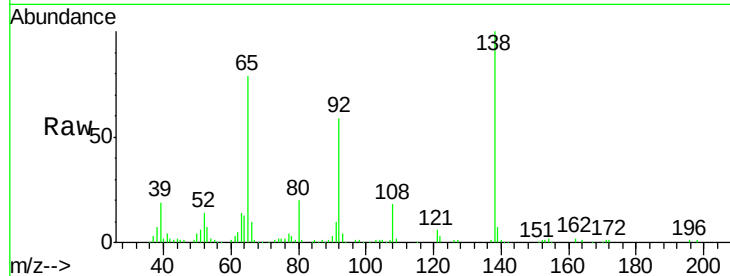
ClientSampleId :

PB107885BS

Tot Ion:	65	Resp:	161733
Ion Ratio	Lower	Upper	
65	100		
92	74.2	55.8	83.6
138	126.0	91.2	136.8

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#48

Acenaphthylene

Concen: 34.670 ng

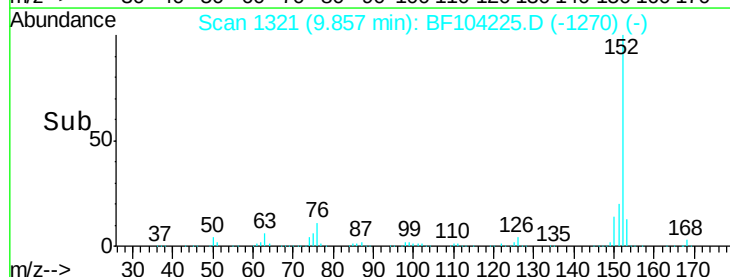
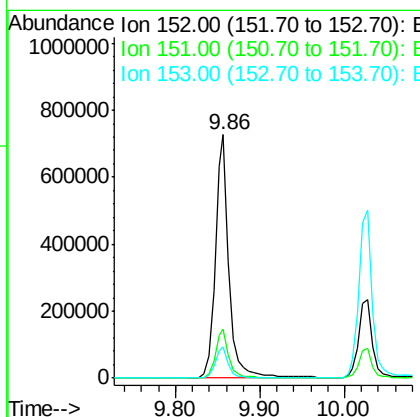
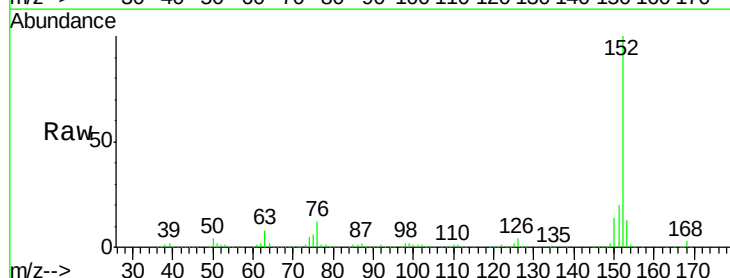
RT: 9.86 min Scan# 1321

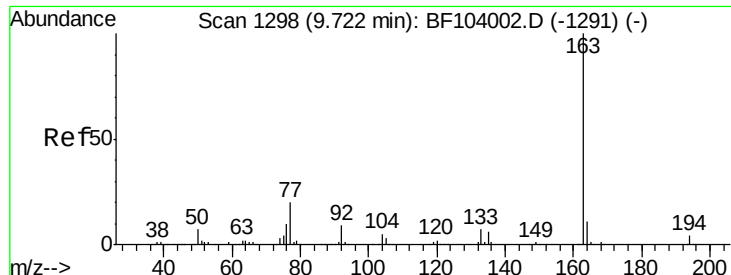
Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	152	Resp:	830928
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.0	10.7	16.1





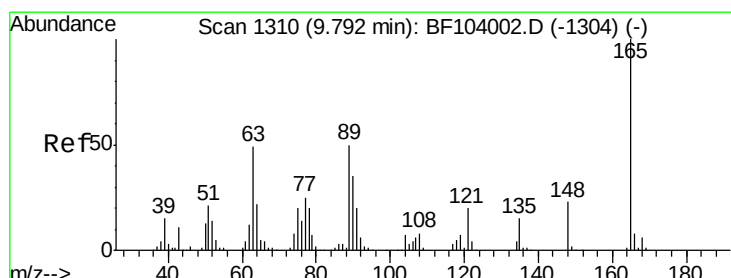
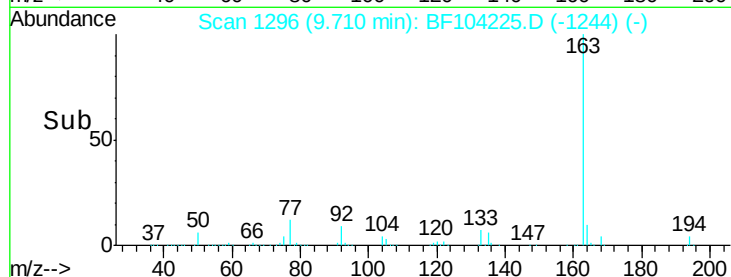
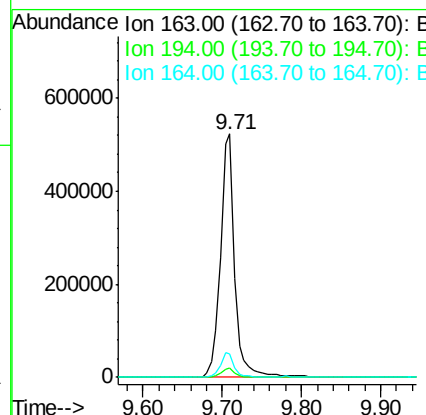
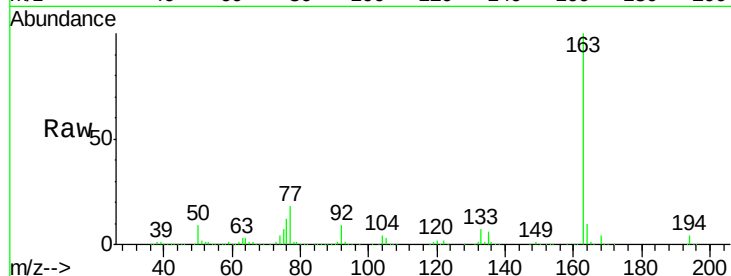
#49
Dimethylphthalate
Concen: 35.375 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion:	163	Resp:	652642
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2

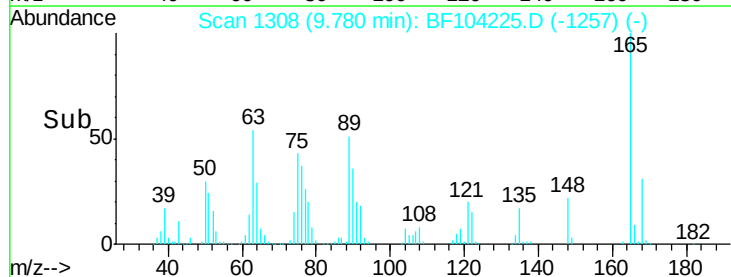
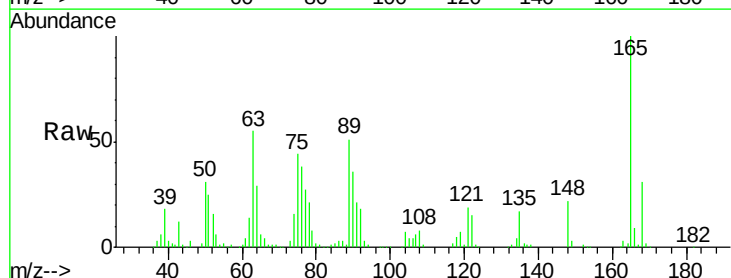
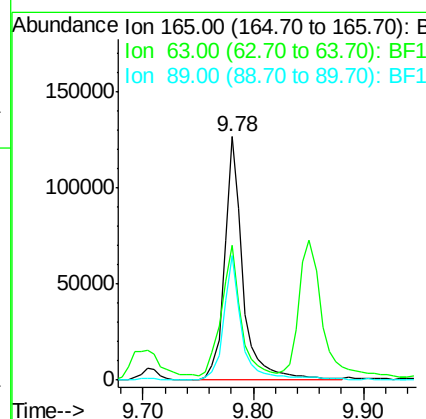
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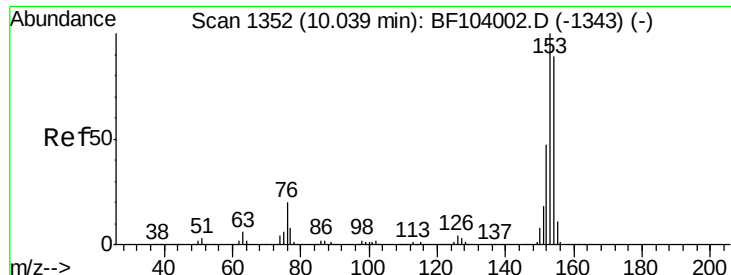
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#50
2,6-Dinitrotoluene
Concen: 37.083 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion:	165	Resp:	147191
Ion Ratio	Lower	Upper	
165	100		
63	55.4	44.7	67.1
89	51.1	44.0	66.0





#51

Acenaphthene

Concen: 34.778 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

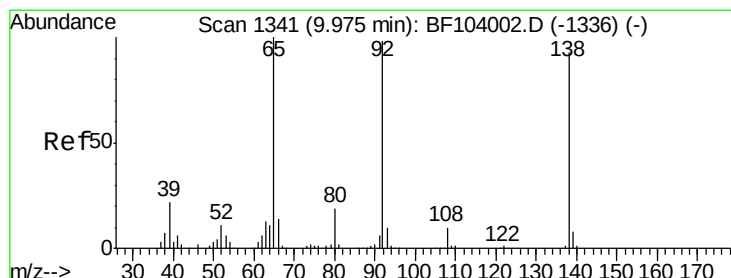
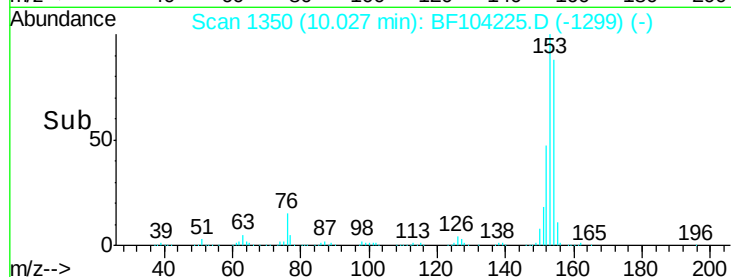
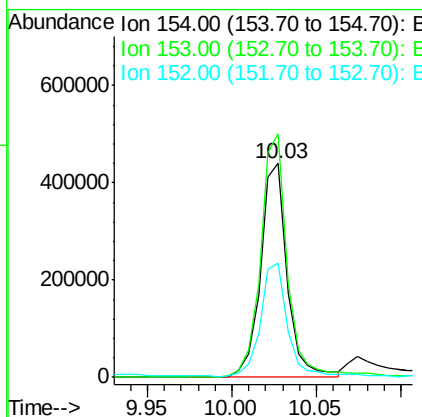
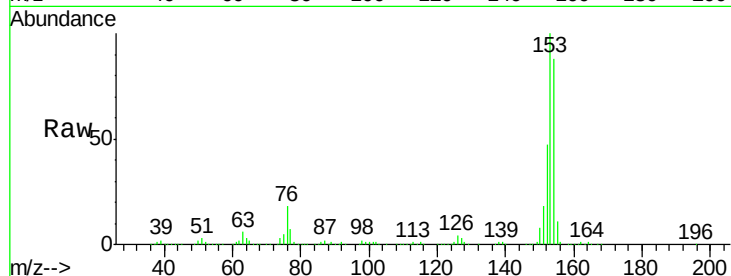
ClientSampleId :

PB107885BS

Tot Ion:154	Resp:	482190
Ion Ratio	Lower	Upper
154	100	
153	113.9	91.2 136.8
152	53.4	43.8 65.8

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#52

3-Nitroaniline

Concen: 18.170 ng

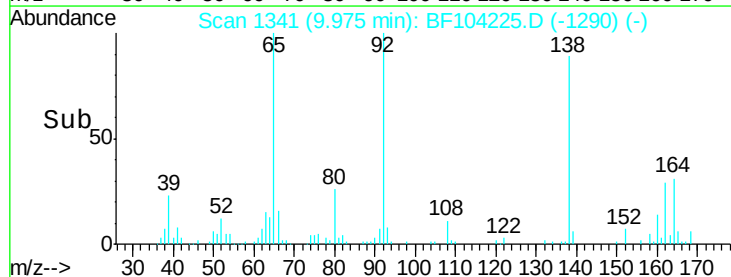
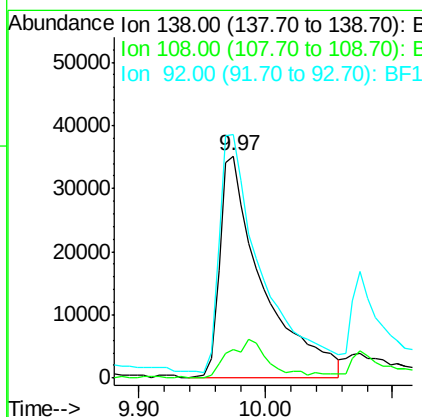
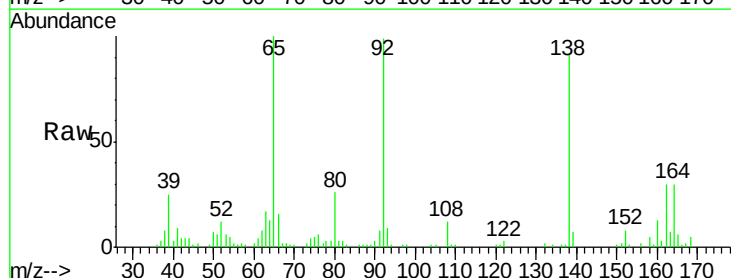
RT: 9.97 min Scan# 1341

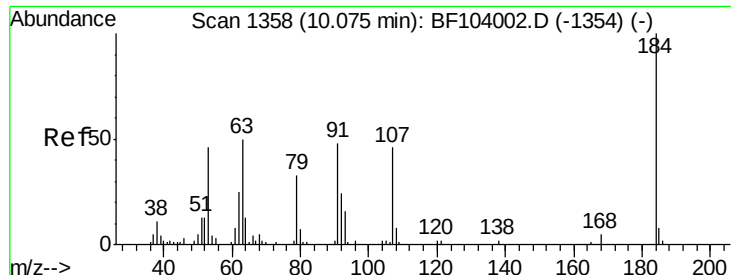
Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:138	Resp:	82905
Ion Ratio	Lower	Upper
138	100	
108	13.0	9.4 14.0
92	109.5	89.4 134.2





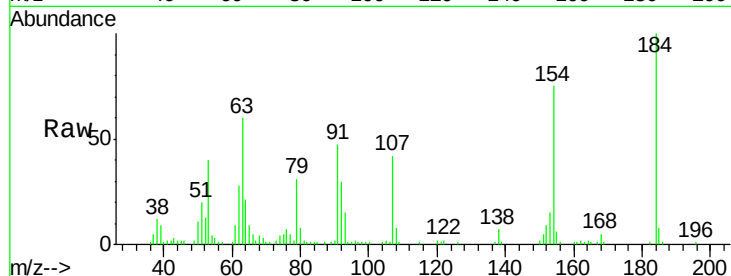
#53
2,4-Dinitrophenol
Concen: 61.146 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

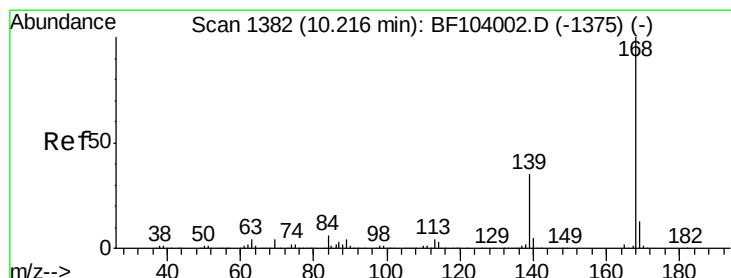
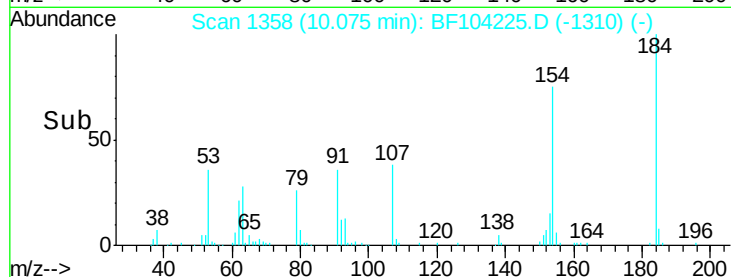
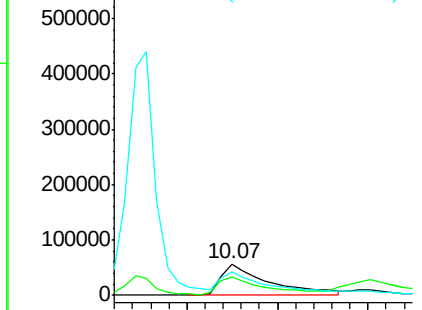
Tot Ion	Ratio	Lower	Upper
184	100		
63	60.2	54.2	81.2
154	75.5	184.0	276.0#

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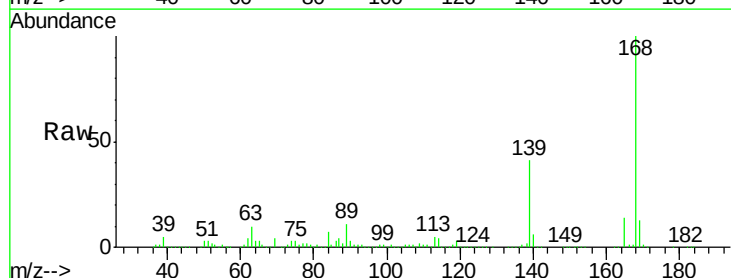


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

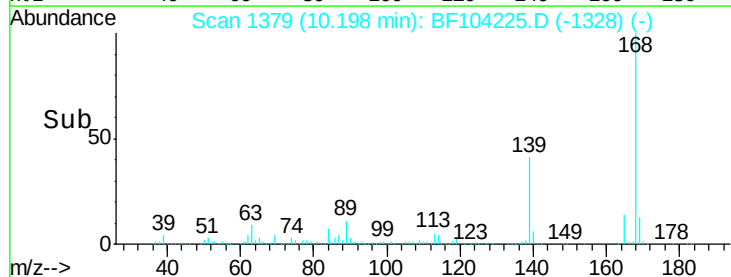
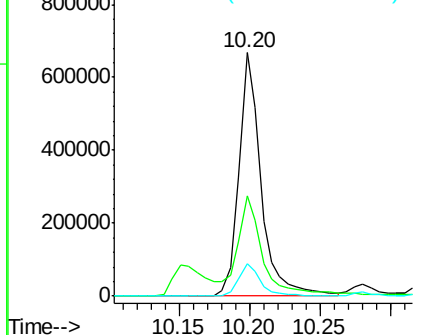


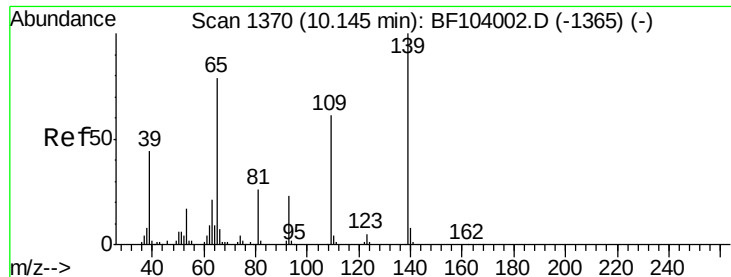
#54
Dibenzofuran
Concen: 35.996 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.1	45.1
169	13.5	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





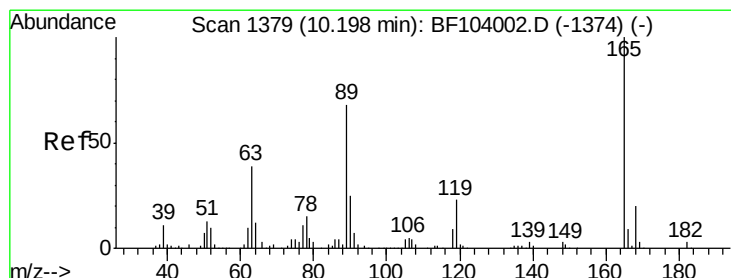
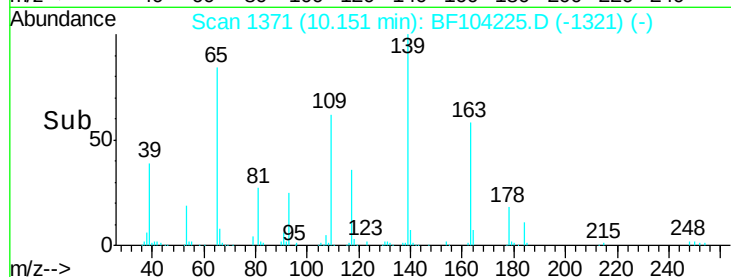
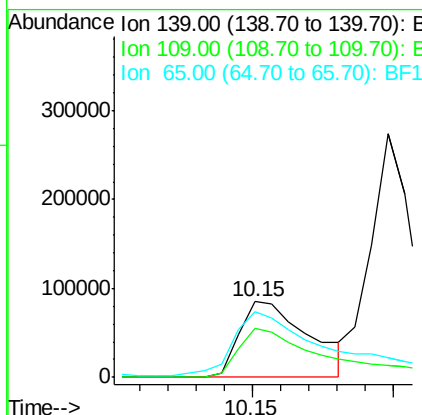
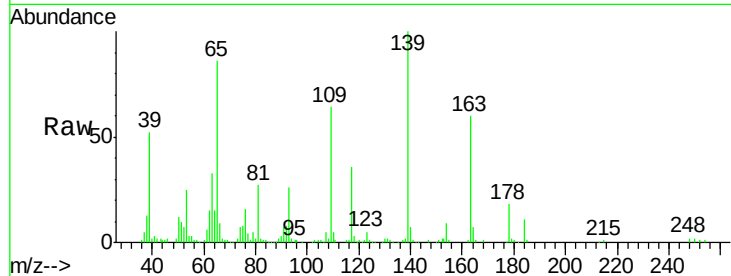
#55
4-Nitrophenol
Concen: 53.038 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	145104		
109	63.9	48.4	88.4	
65	86.4	72.6	112.6	

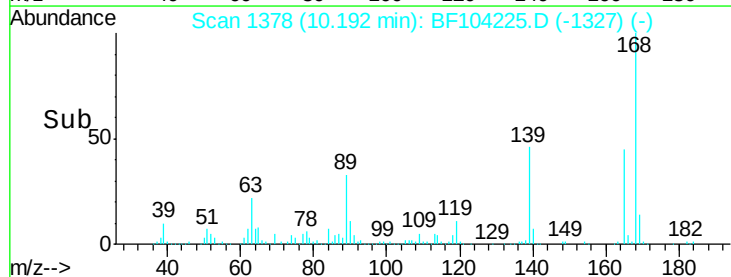
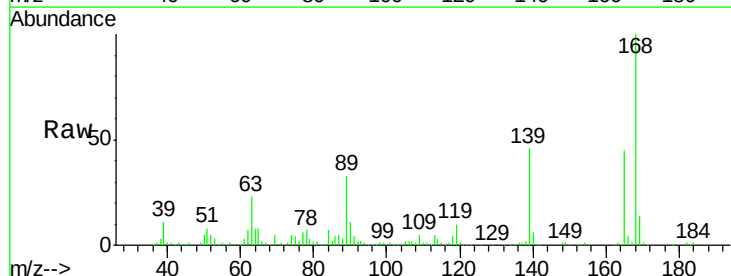
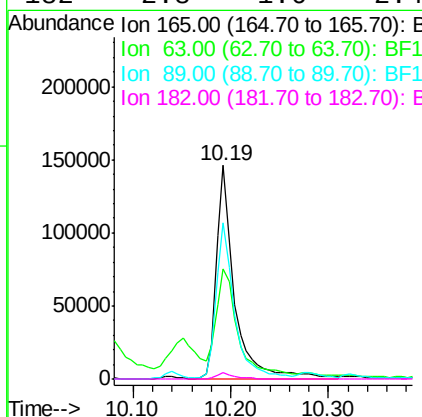
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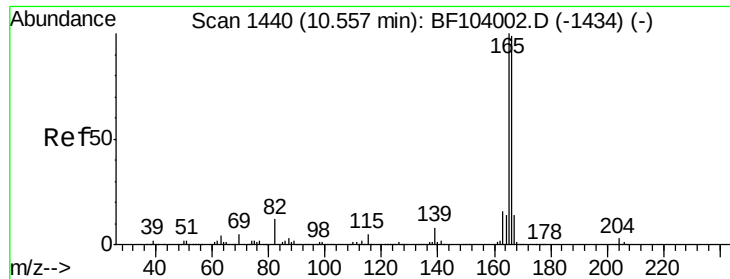
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#56
2,4-Dinitrotoluene
Concen: 37.039 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187600		
63	51.8	36.4	54.6	
89	72.9	57.8	86.6	
182	2.8	1.6	2.4	





#57

Fluorene

Concen: 36.395 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

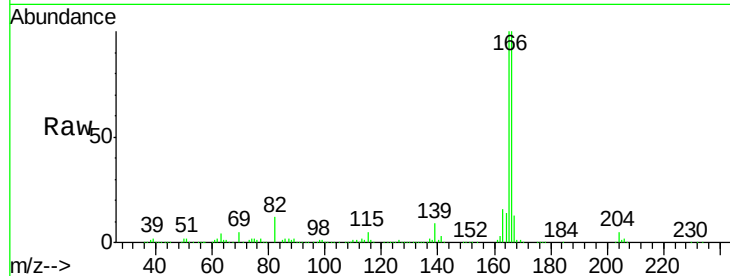
ClientSampleId :

PB107885BS

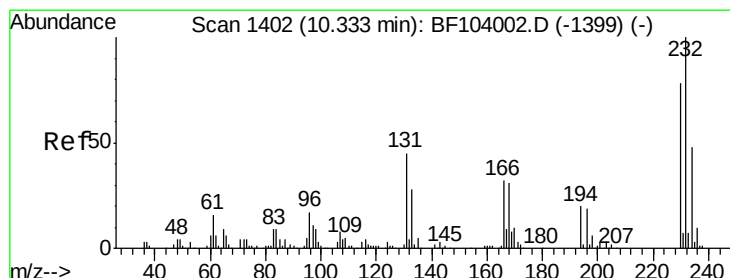
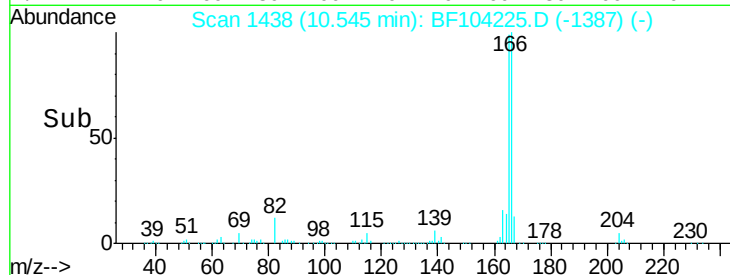
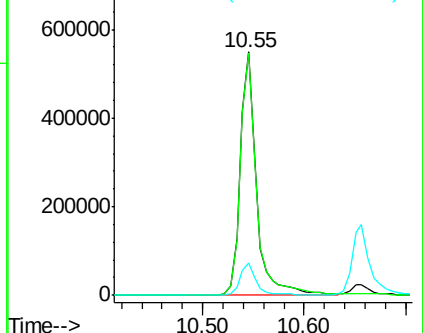
Tot Ion:	166	Resp:	607845
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.8	119.8
167	13.5	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.393 ng

RT: 10.32 min Scan# 1400

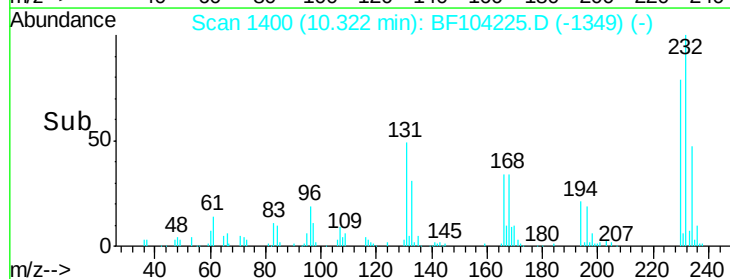
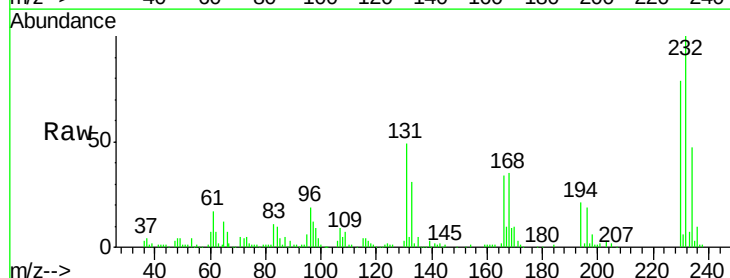
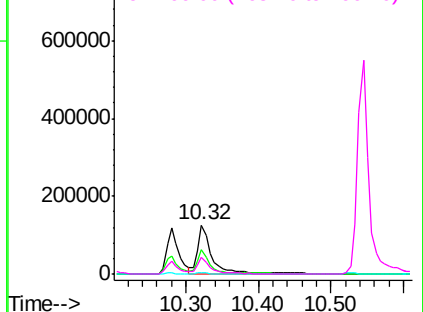
Delta R.T. -0.00 min

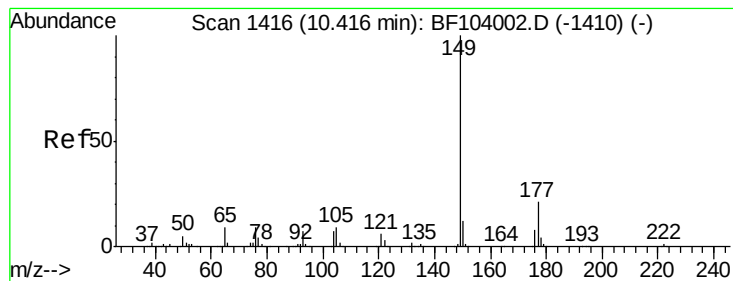
Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	232	Resp:	169904
Ion Ratio	Lower	Upper	
232	100		
131	40.7	43.8	65.8#
130	2.3	2.1	3.1
166	31.4	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.083 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

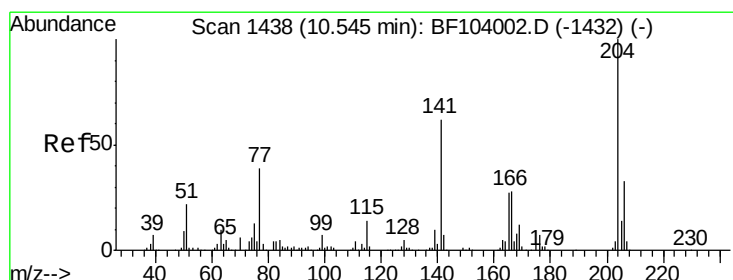
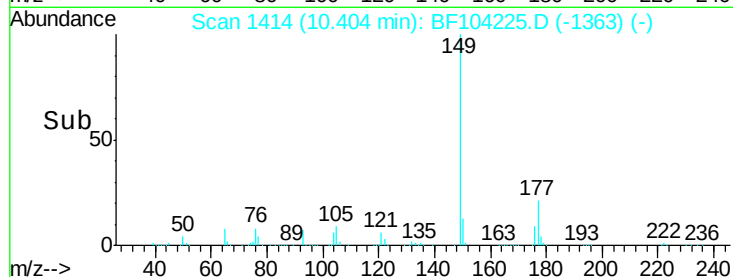
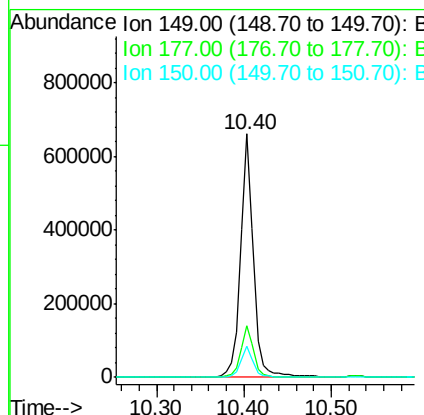
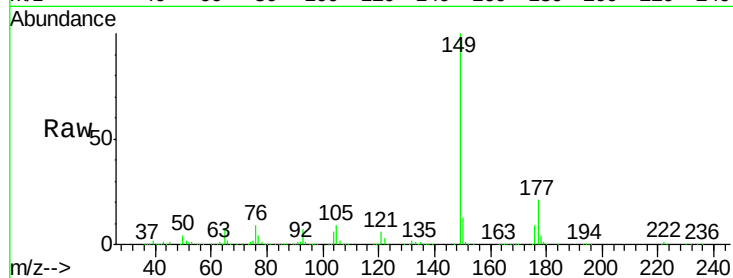
ClientSampled :

PB107885BS

Tot Ion:	149	Resp:	655416
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.1	24.1
150	12.6	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 37.872 ng

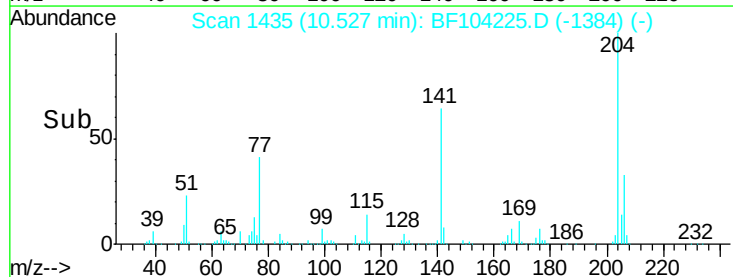
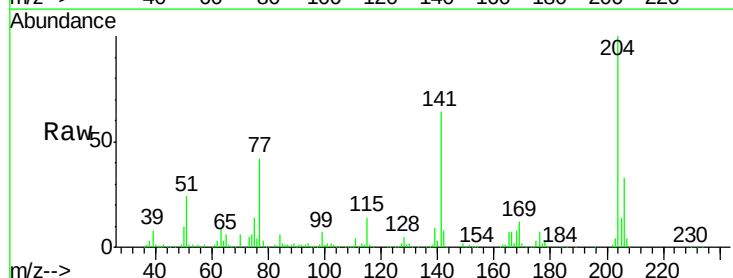
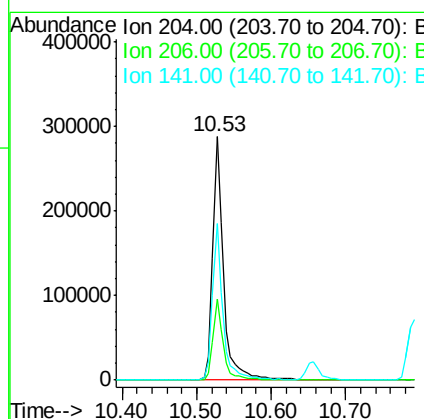
RT: 10.53 min Scan# 1435

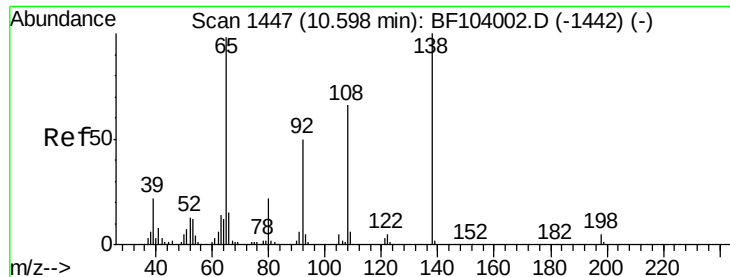
Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	204	Resp:	290502
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.5	39.7
141	64.2	54.6	81.8





#61

4-Nitroaniline

Concen: 33.739 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

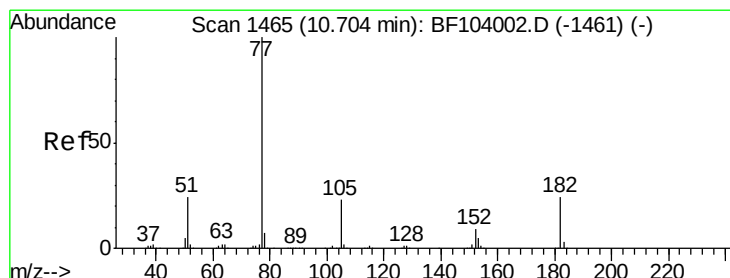
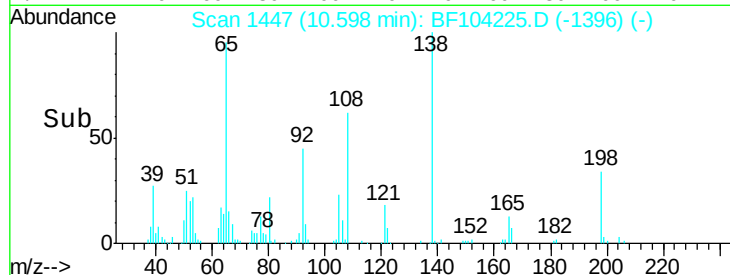
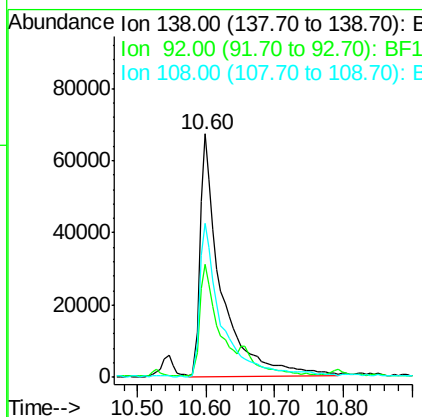
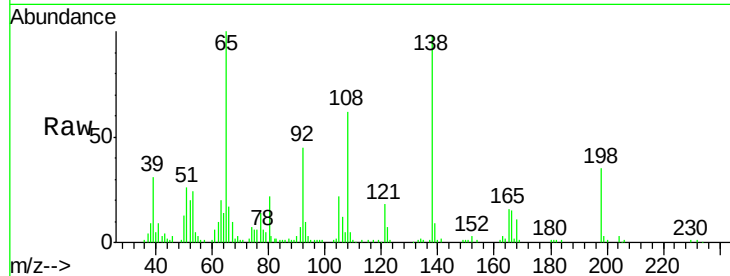
ClientSampleId :

PB107885BS

Tot Ion:	138	Resp:	144044
Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.2	70.2
108	63.5	52.5	92.5

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#62

Azobenzene

Concen: 37.120 ng

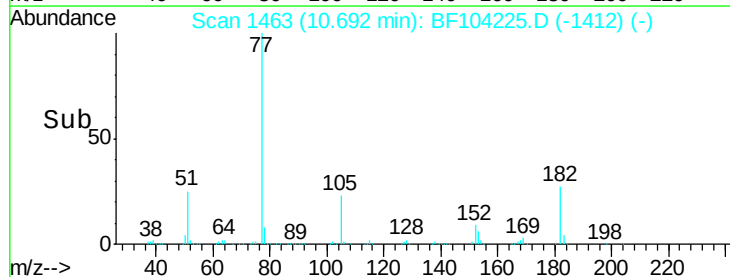
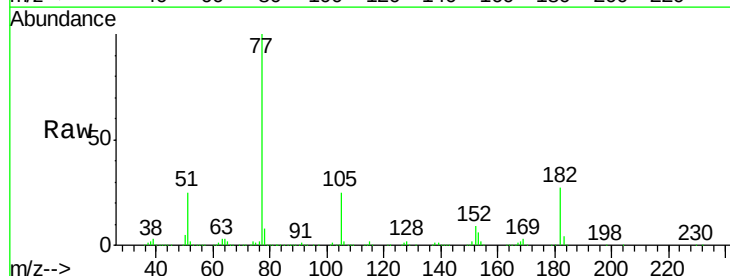
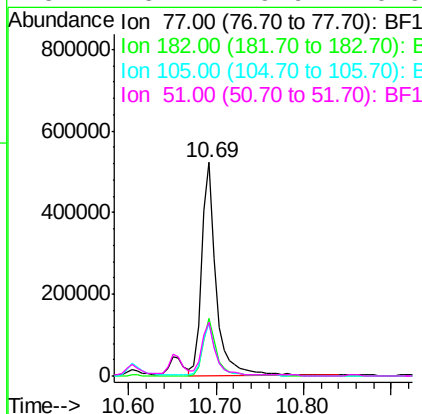
RT: 10.69 min Scan# 1463

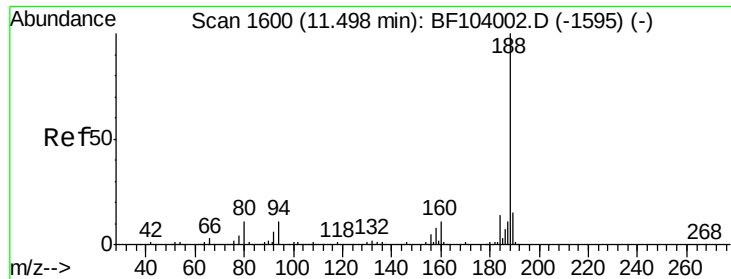
Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	77	Resp:	593238
Ion	Ratio	Lower	Upper
77	100		
182	27.0	1.7	41.7
105	24.7	3.0	43.0
51	25.1	9.9	49.9





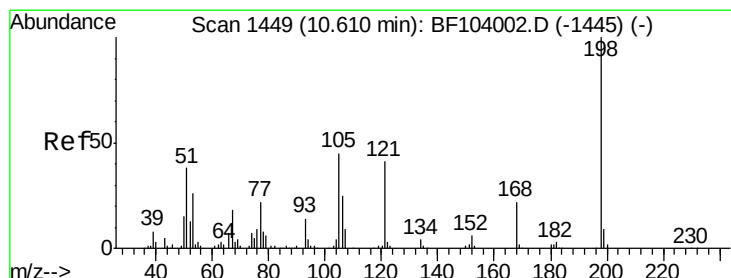
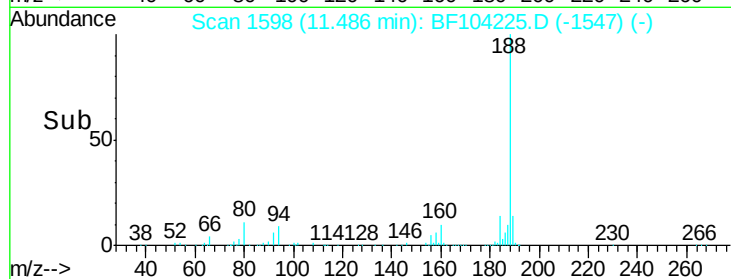
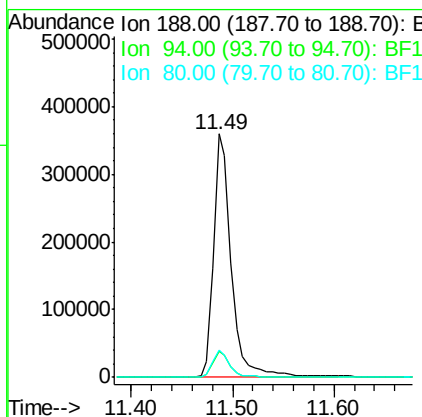
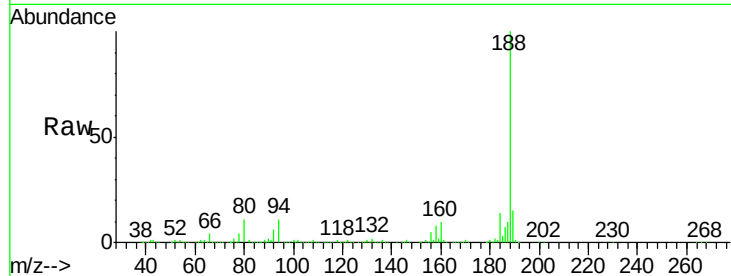
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	437332		
94	10.7		8.5	12.7
80	11.4		9.2	13.8

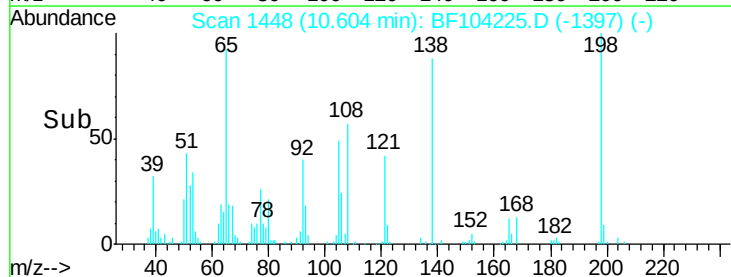
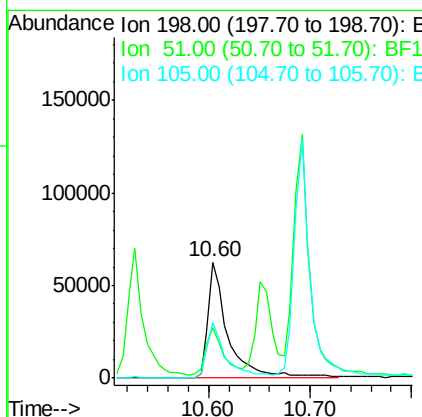
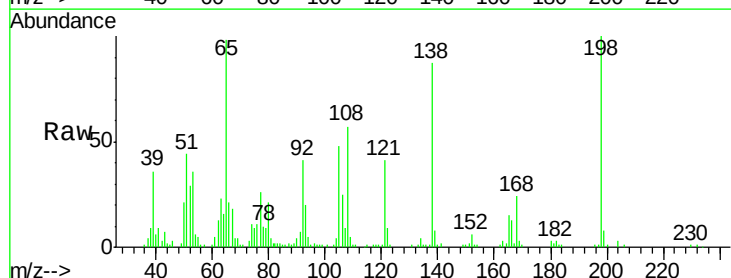
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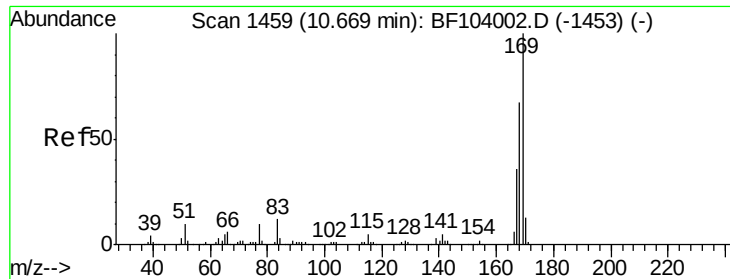
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.493 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	86019		
51	43.7		37.7	77.7
105	48.1		36.3	76.3





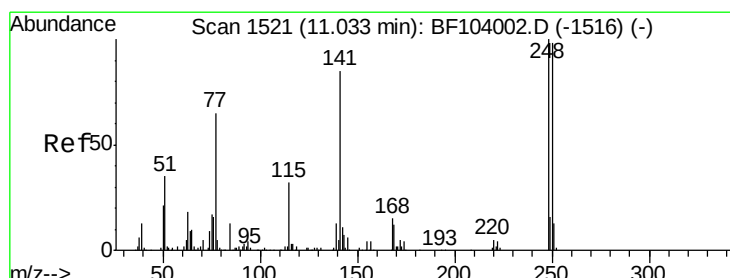
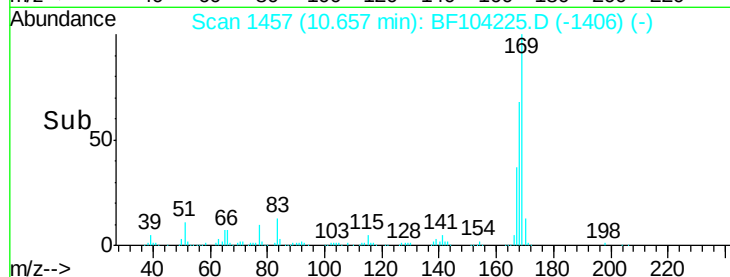
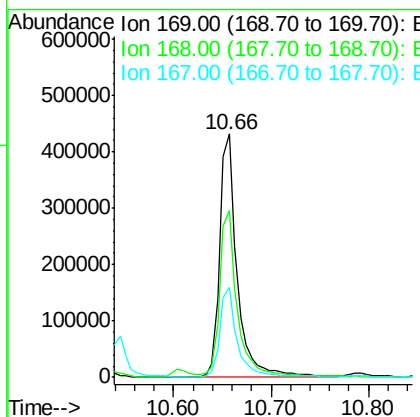
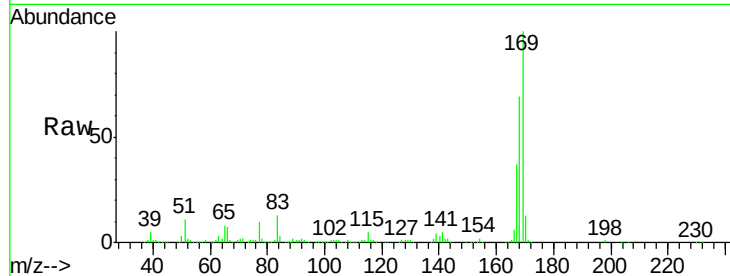
#65
 n-Nitrosodiphenylamine
 Concen: 36.136 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	535205		
168	68.5		54.4	81.6
167	37.1		29.8	44.6

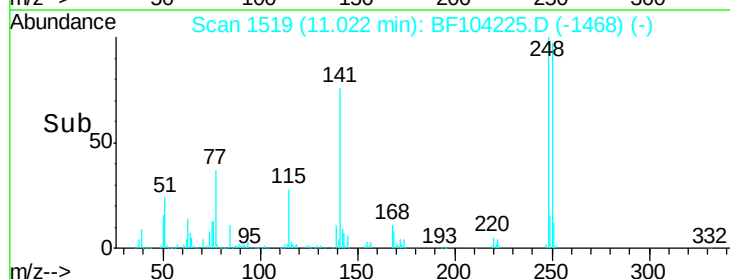
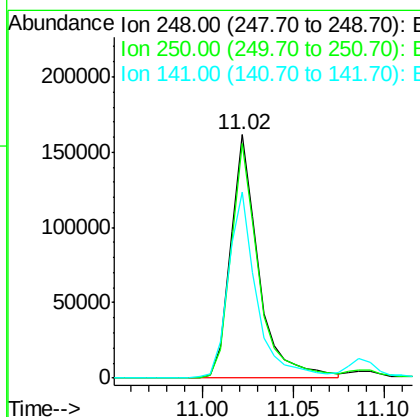
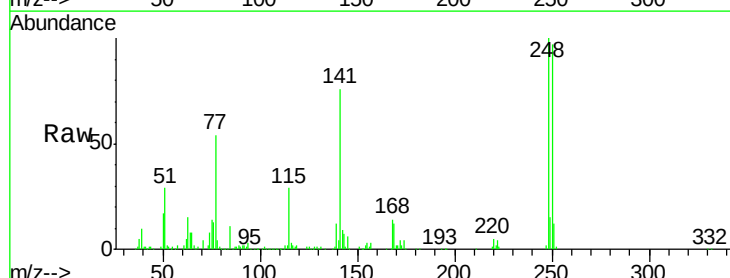
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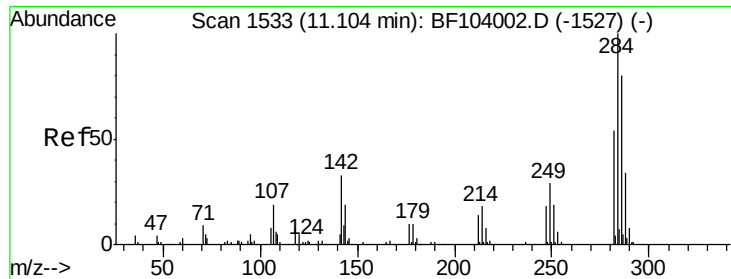
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 36.995 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	173093		
250	96.6		76.9	115.3
141	76.3		74.4	111.6





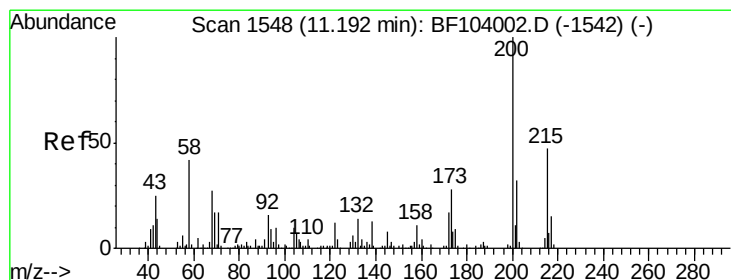
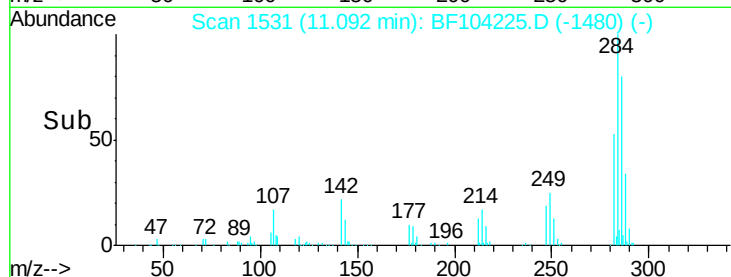
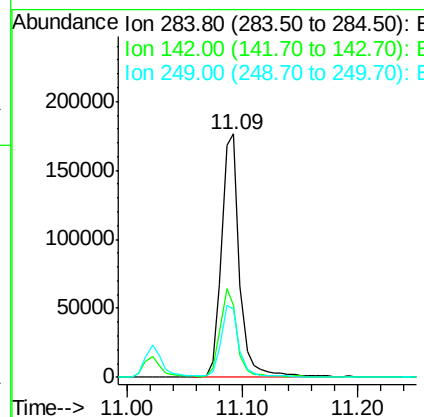
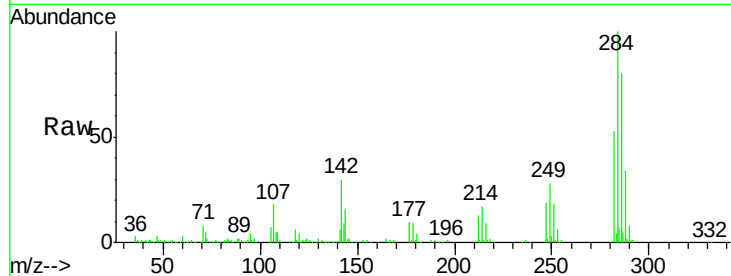
#67
Hexachlorobenzene
Concen: 35.705 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	192170		
142	29.8	34.6	52.0	
249	28.3	24.8	37.2	

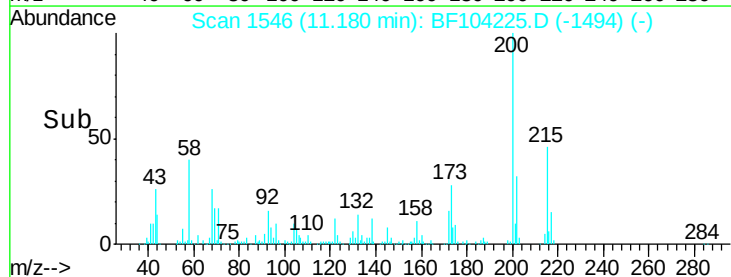
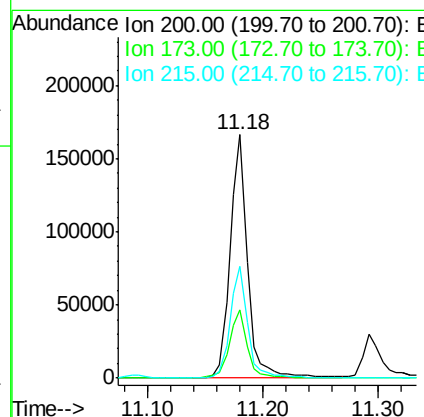
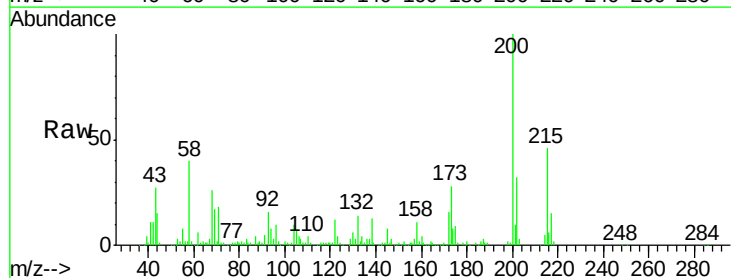
Manual Integrations
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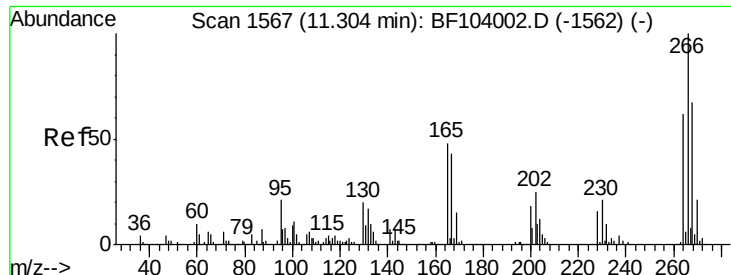
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#68
Atrazine
Concen: 38.523 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	174795		
173	27.9	8.6	48.6	
215	46.0	25.1	65.1	





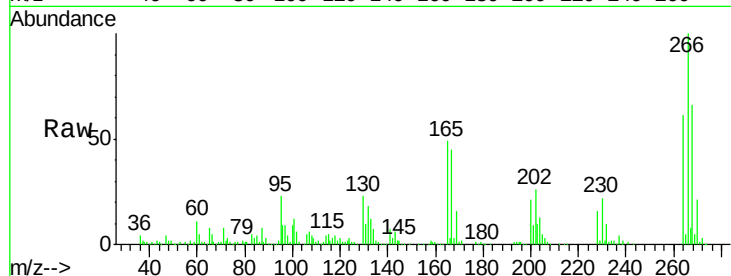
#69
 Pentachlorophenol
 Concen: 60.781 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

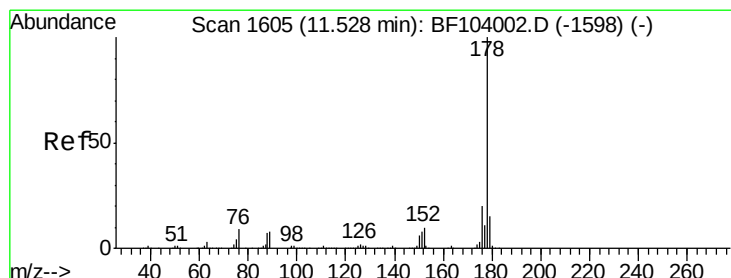
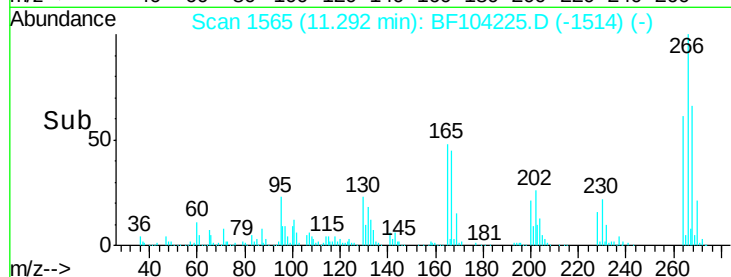
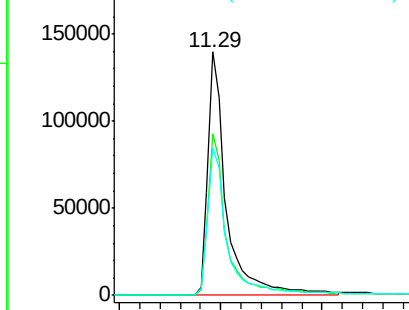
Tot Ion	Ratio	Resp	Lower	Upper
266	100	180011		
268	66.4	51.1	76.7	
264	60.7	49.5	74.3	

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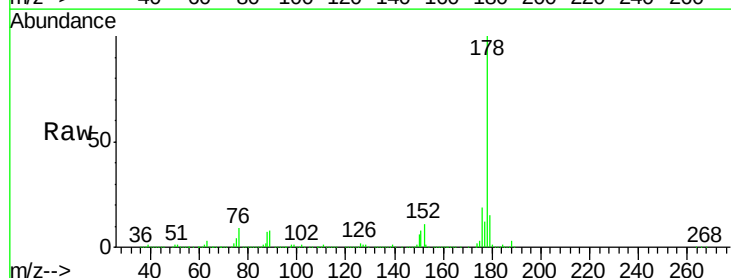


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

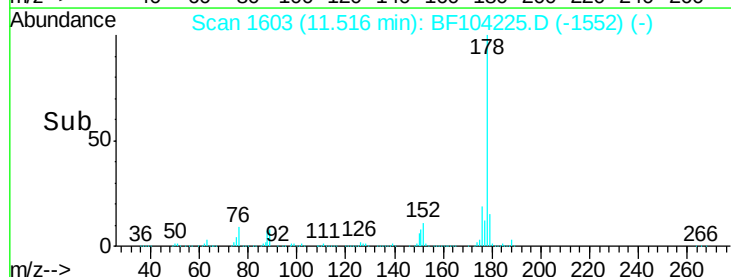
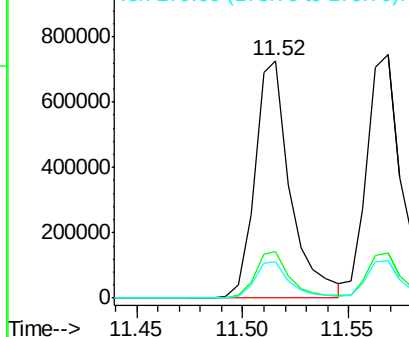


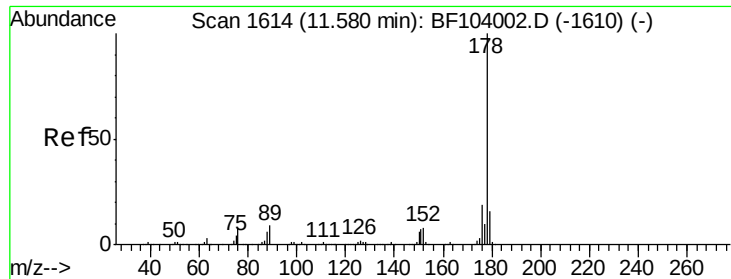
#70
 Phenanthrene
 Concen: 35.934 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	850823		
176	19.5	15.8	23.8	
179	15.5	13.0	19.6	



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





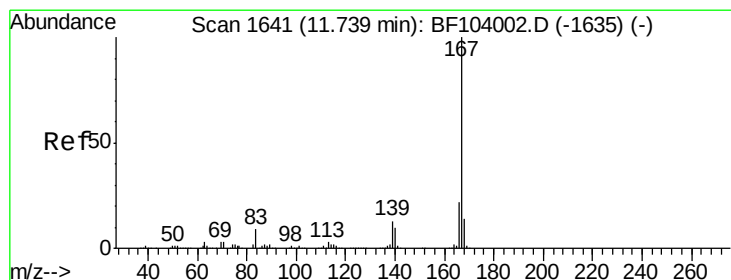
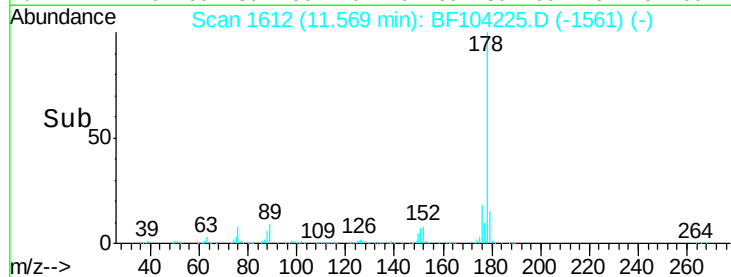
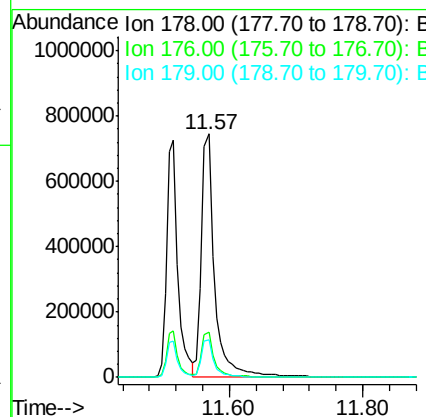
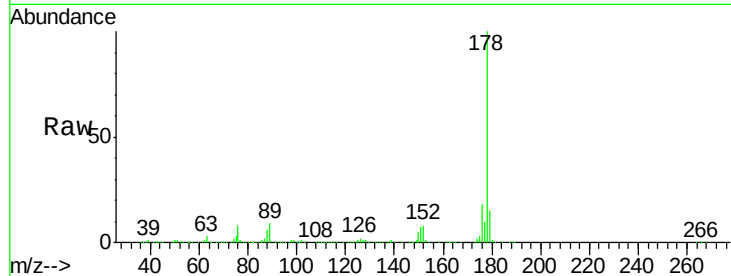
#71
 Anthracene
 Concen: 39.768 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.5	12.6	19.0

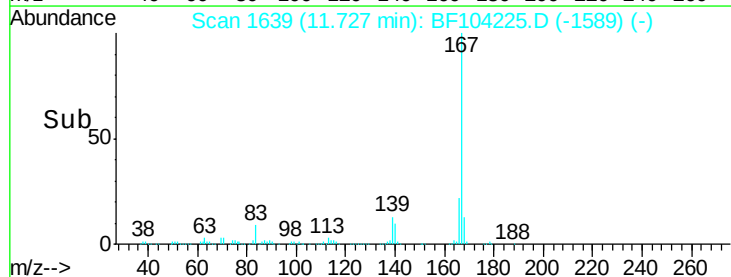
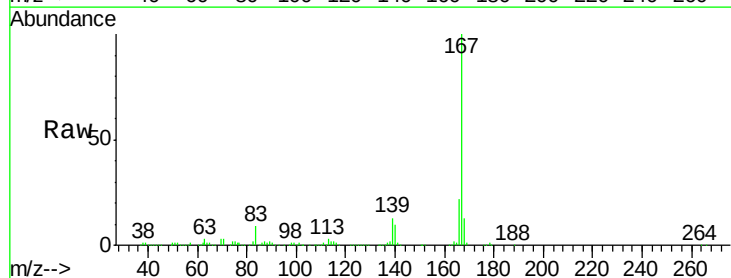
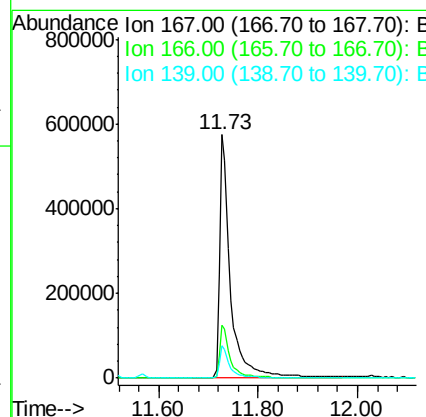
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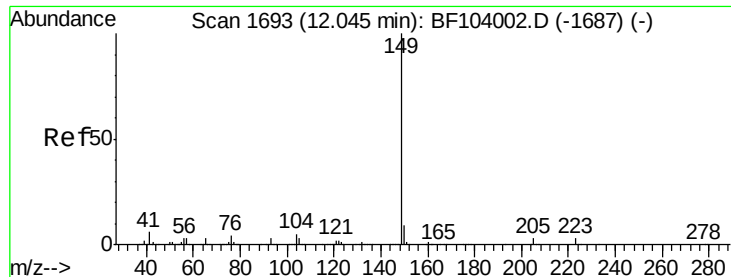
Sohil
 4/5/2018 4:38:44 PM



#72
 Carbazole
 Concen: 37.060 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.109 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

PB107885BS

Tot Ion:149 Resp: 1015274

Ion Ratio Lower Upper

149 100

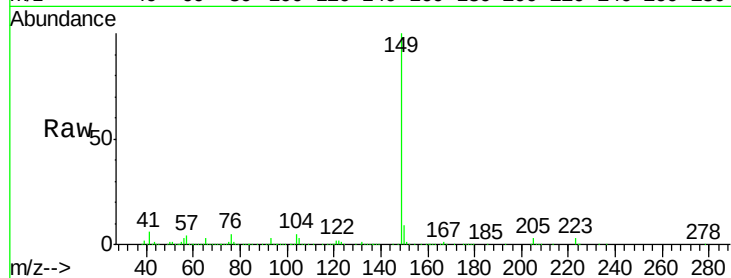
150 9.3 7.8 11.6

104 4.8 3.8 5.8

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.03

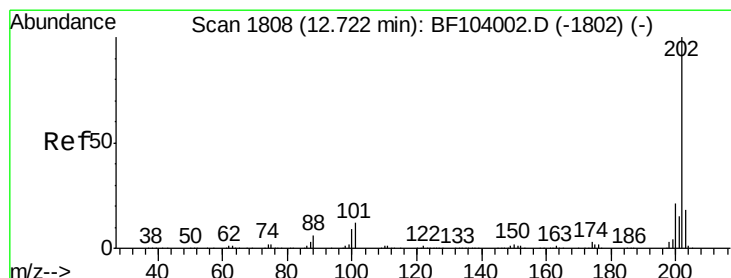
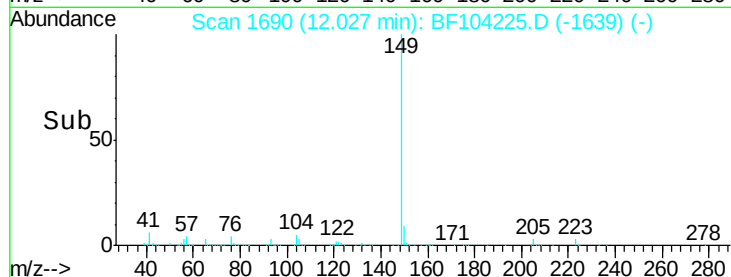
1500000

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 37.485 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

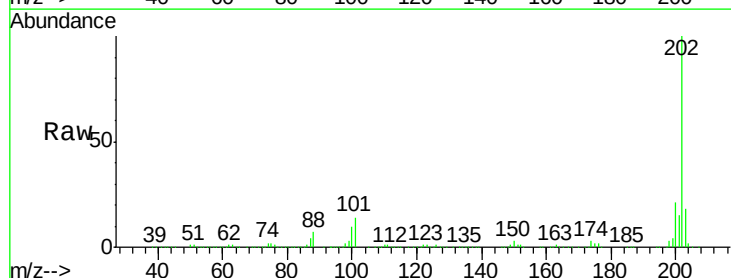
Tgt Ion:202 Resp: 943426

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

203 18.1 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

12.70

1000000

800000

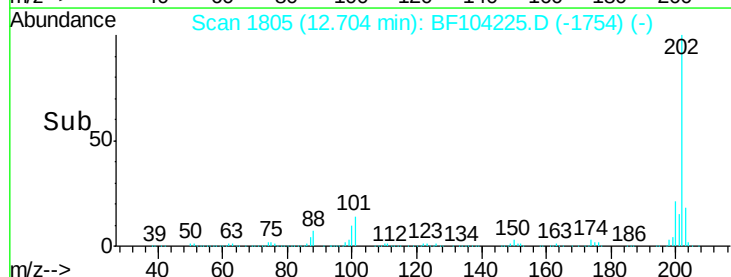
600000

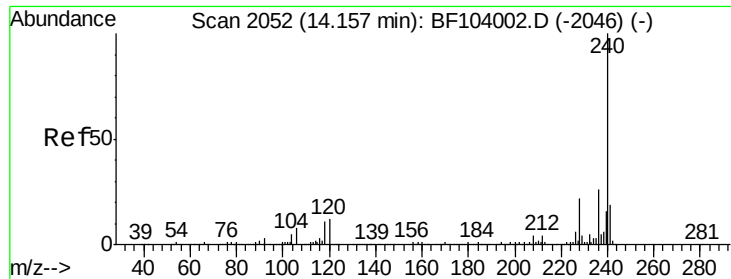
400000

200000

0

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

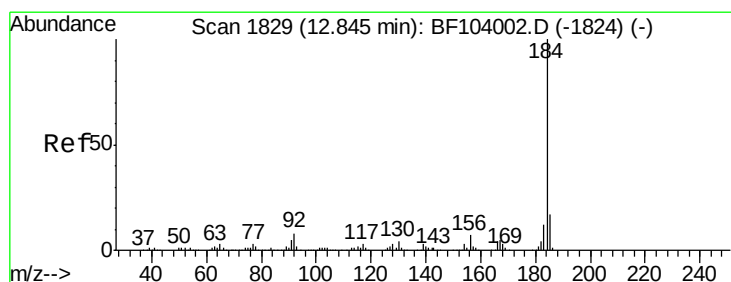
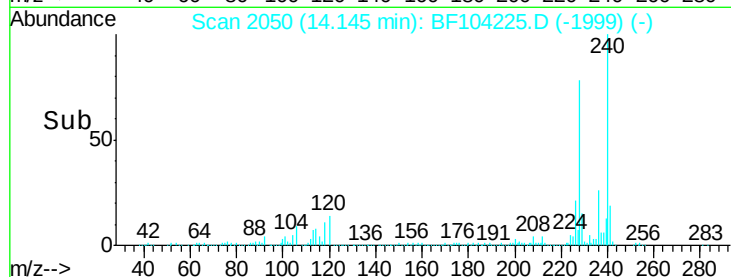
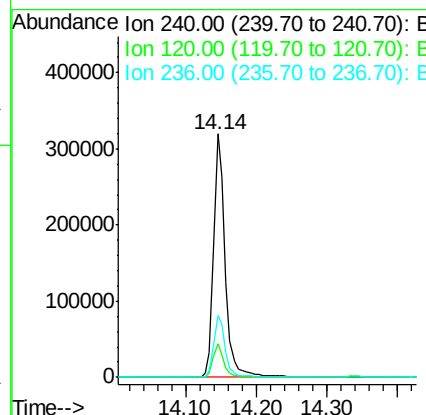
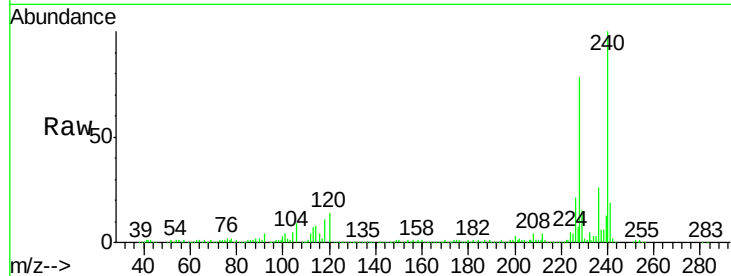
ClientSampleId :

PB107885BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 8.660 ng

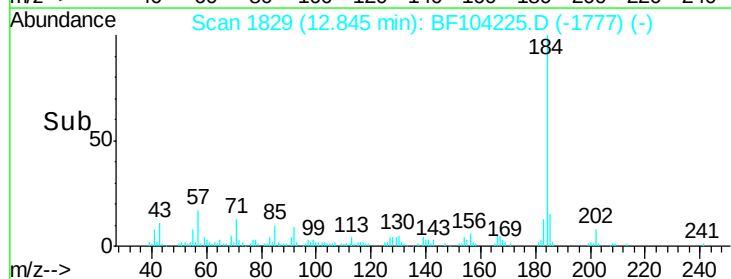
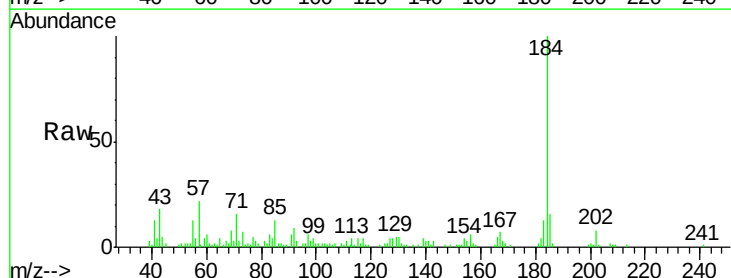
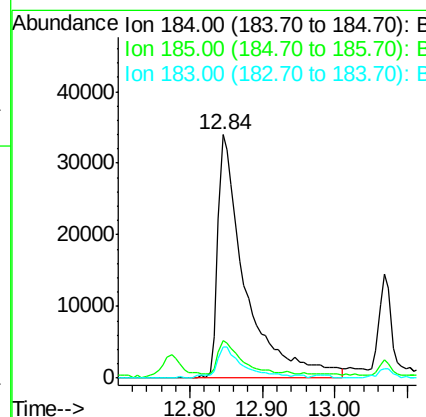
RT: 12.84 min Scan# 1829

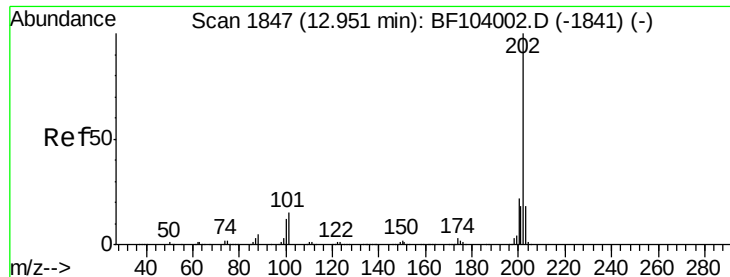
Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.6	18.8
183	12.6	9.3	13.9





#77

Pvrene

Concen: 35.816 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

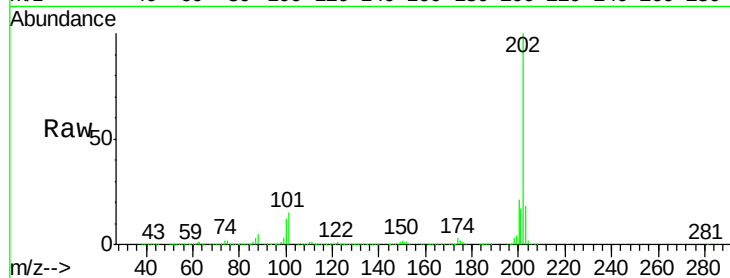
ClientSampleId :

PB107885BS

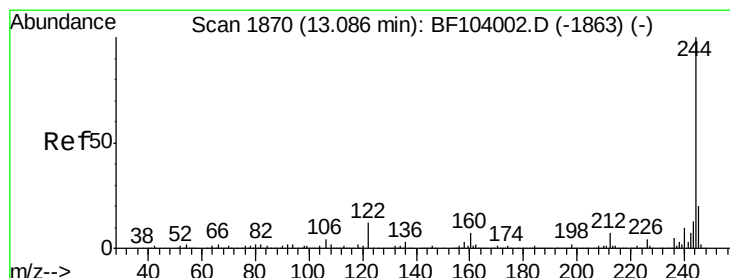
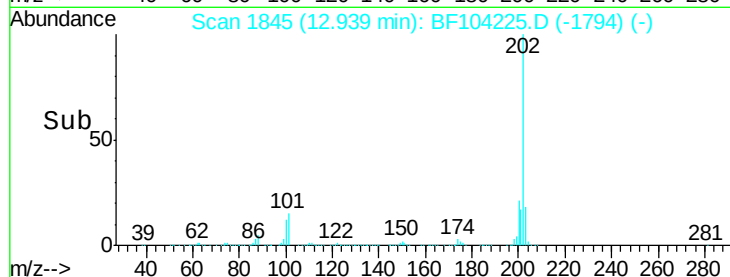
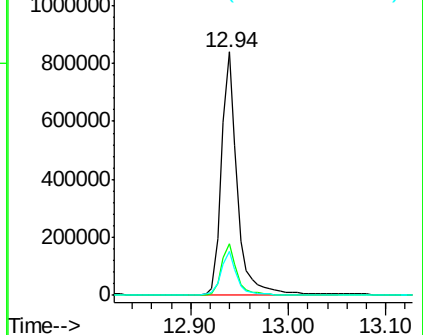
Tot Ion:	202	Resp:	938573
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	18.0	14.3	21.5

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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: 80.440 ng

RT: 13.07 min Scan# 1867

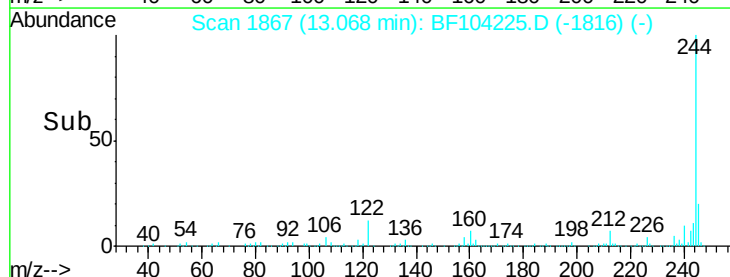
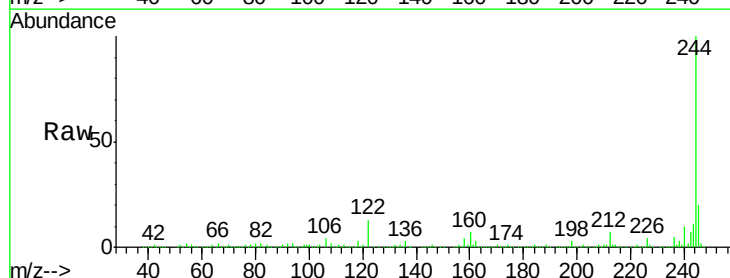
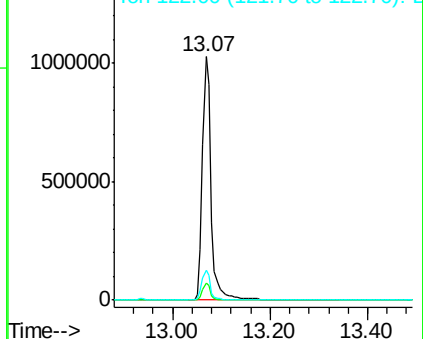
Delta R.T. -0.00 min

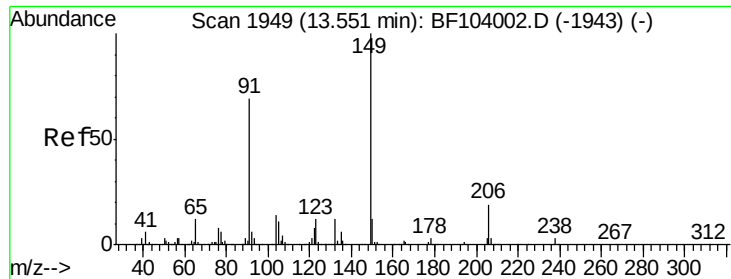
Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:	244	Resp:	1270002
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4

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





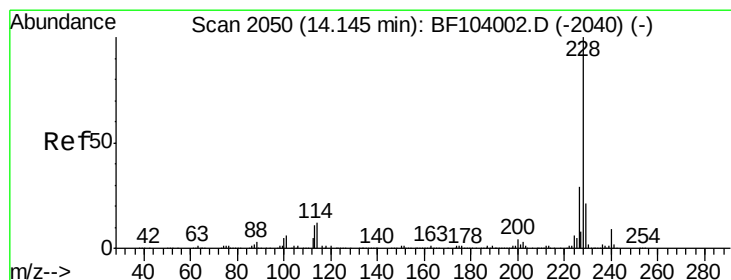
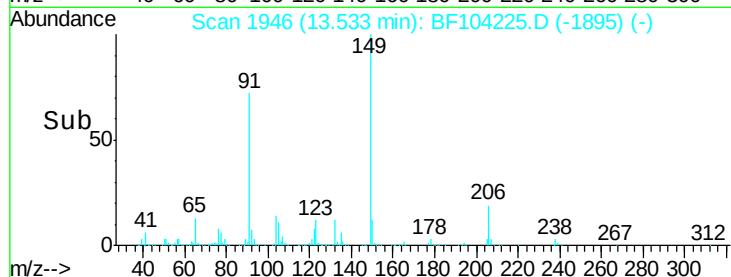
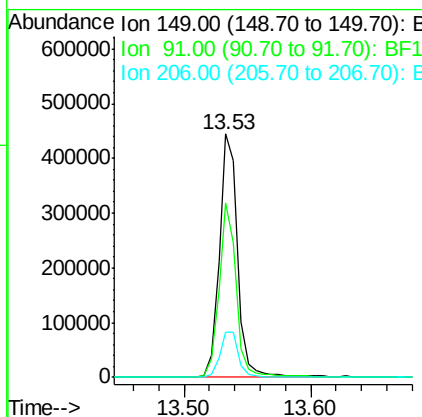
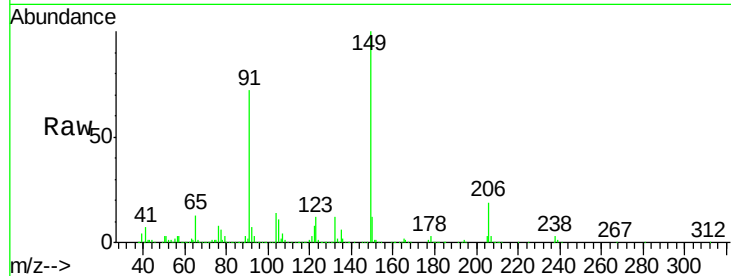
#79
Butylbenzylphthalate
Concen: 36.234 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	56.8	85.2
206	18.6	14.1	21.1

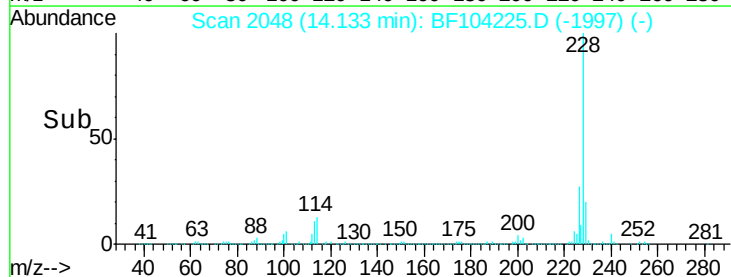
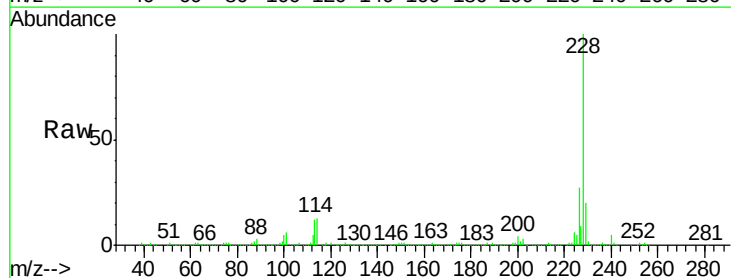
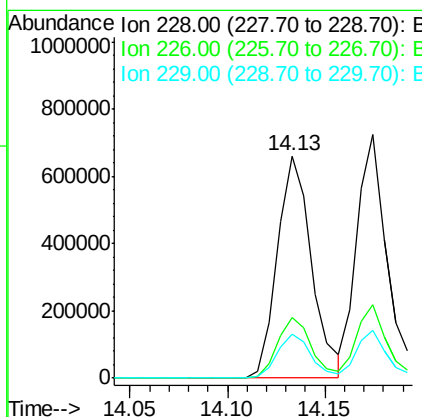
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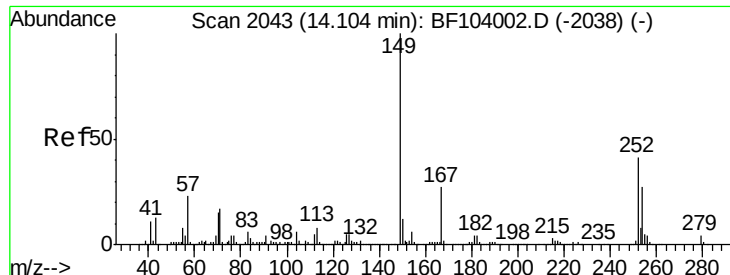
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#80
Benzo(a)anthracene
Concen: 35.231 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.9	15.8	23.6





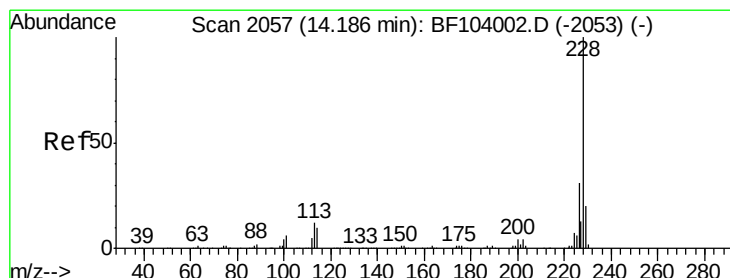
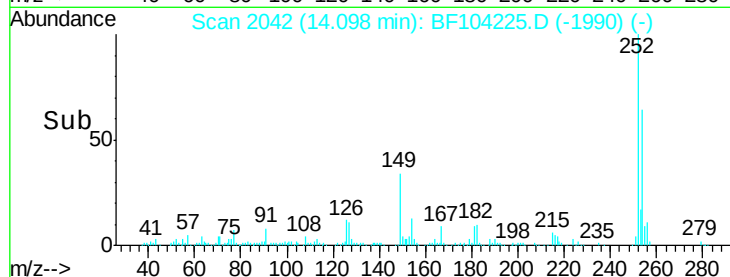
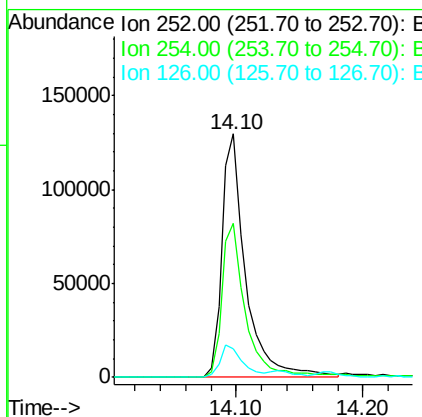
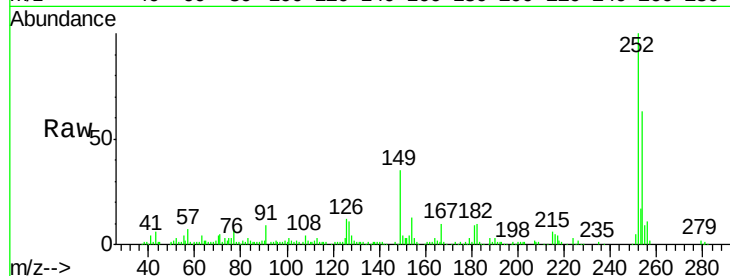
#81
3,3'-Dichlorobenzidine
Concen: 22.286 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	168266		
254	63.4	50.4	75.6	
126	11.5	11.3	16.9	

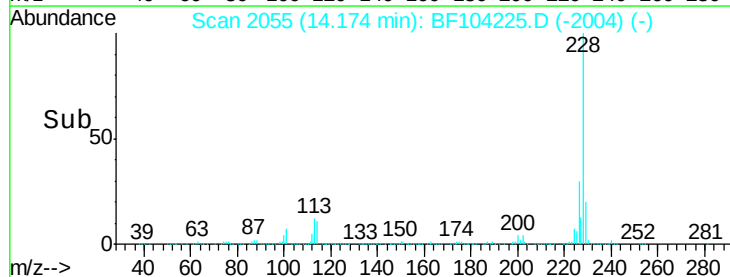
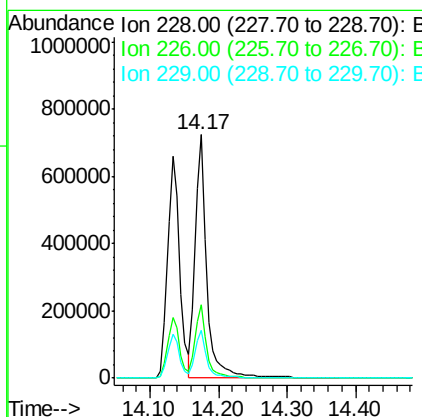
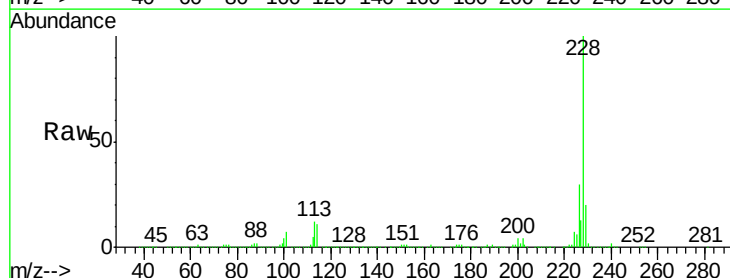
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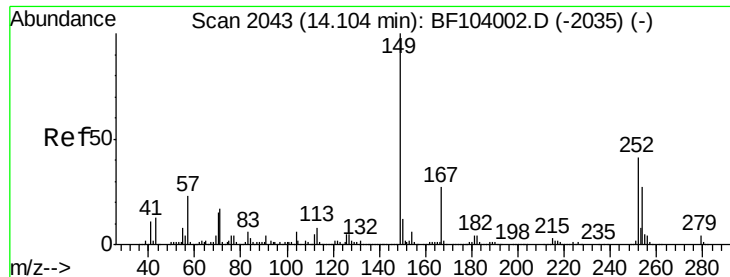
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#82
Chrysene
Concen: 37.923 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	847255		
226	30.4	25.0	37.6	
229	19.6	16.2	24.4	





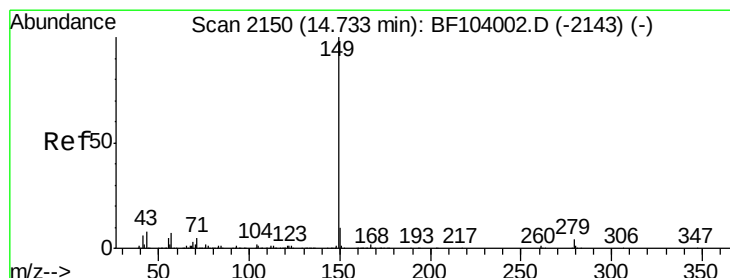
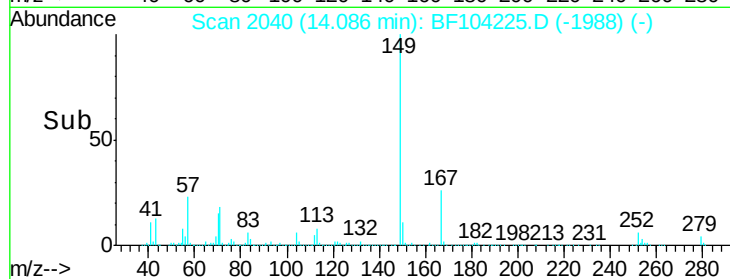
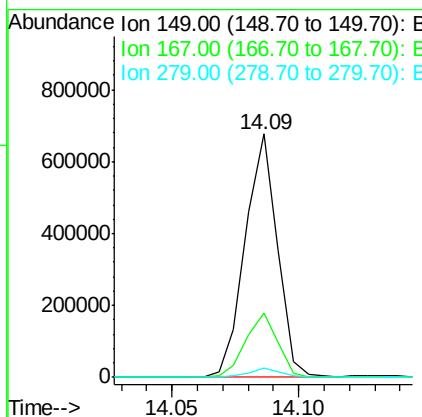
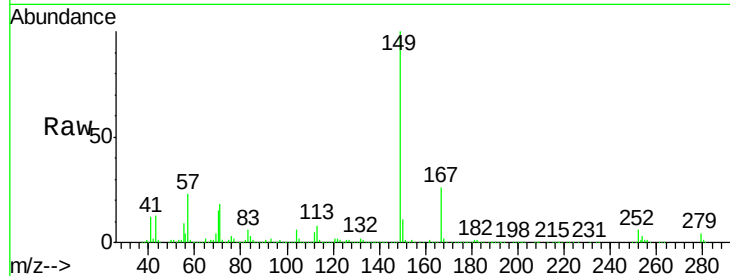
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.381 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	596306		
167	26.3		21.3	31.9
279	3.8		3.0	4.4

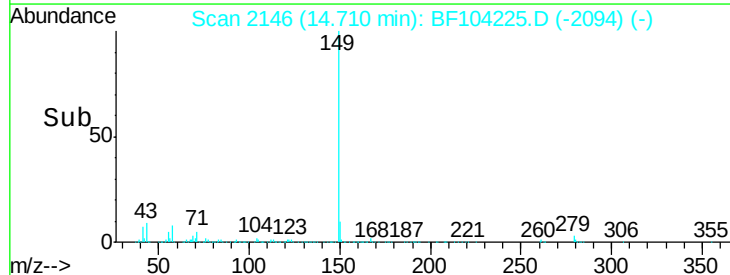
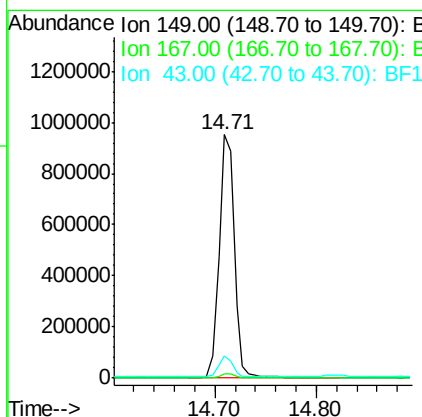
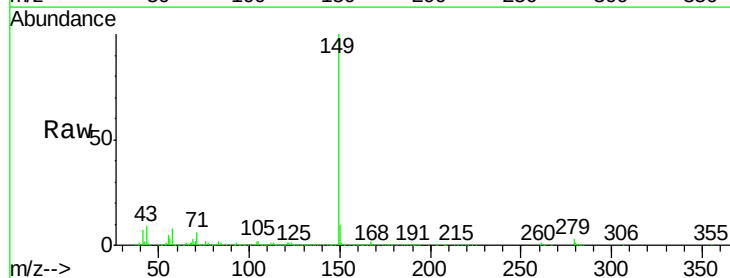
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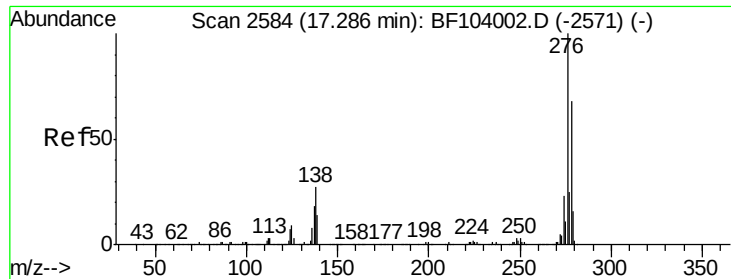
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#84
 Di-n-octyl phthalate
 Concen: 35.943 ng
 RT: 14.71 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	986292		
167	1.6		1.2	1.8
43	7.9		8.4	12.6#





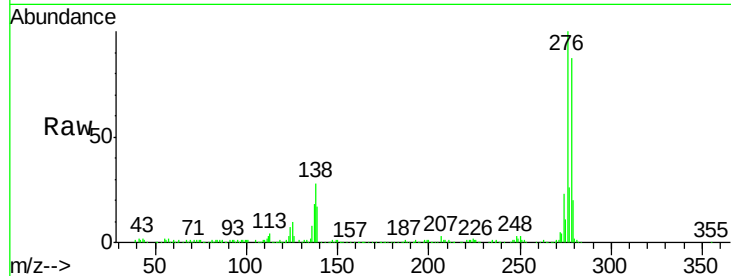
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.622 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	25.6	20.1	30.1

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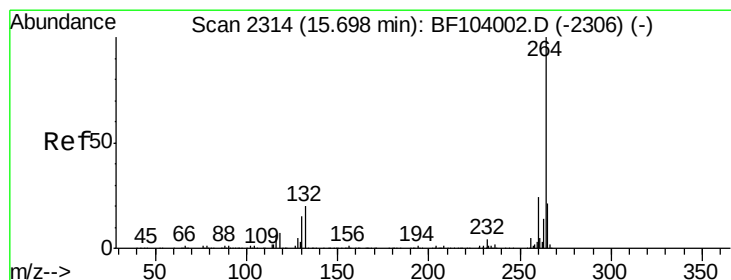
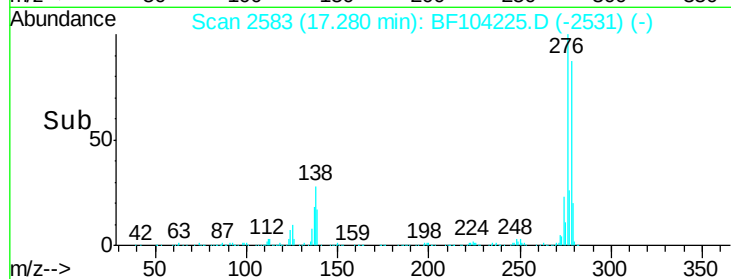
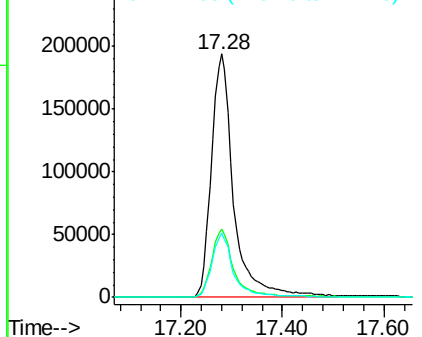


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

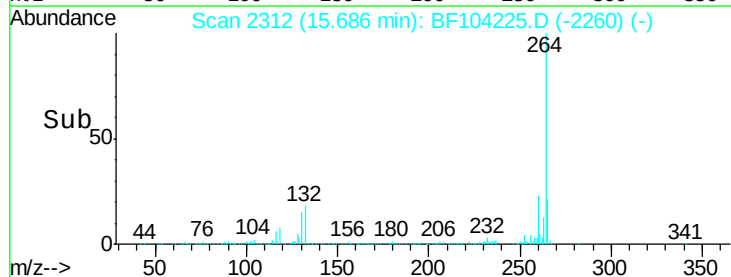
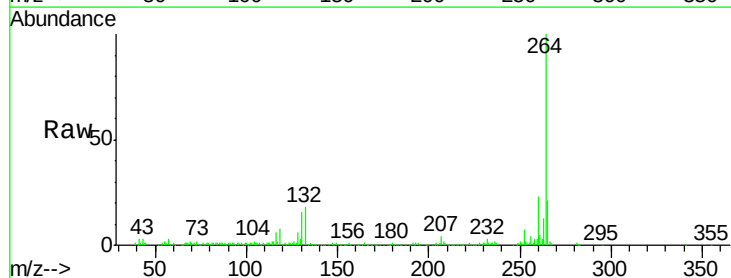
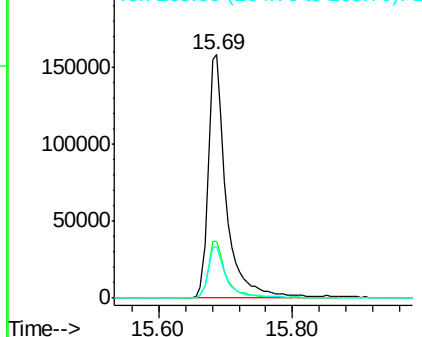
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

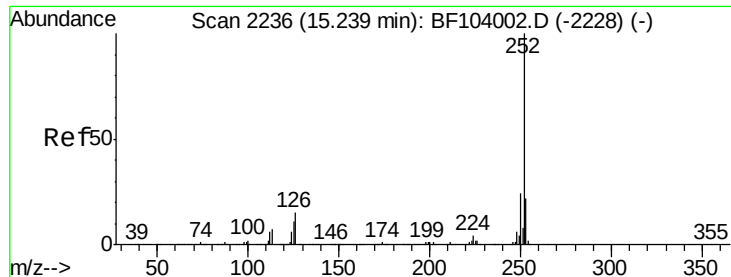
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





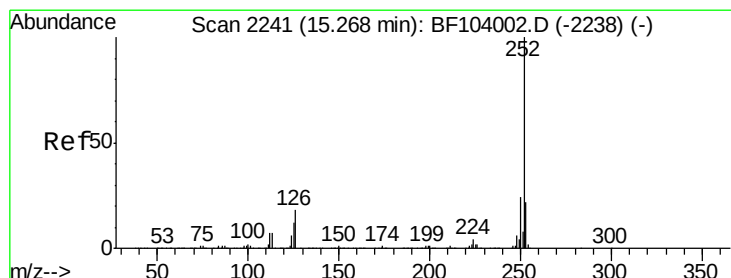
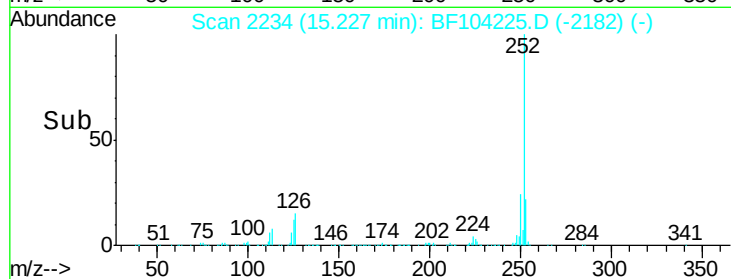
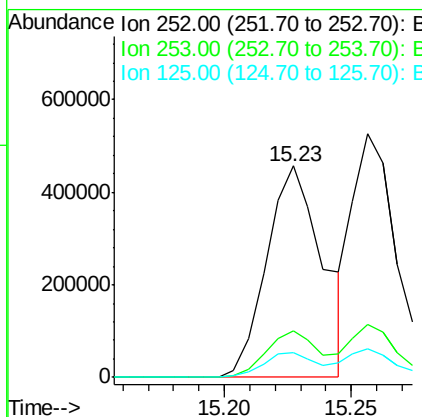
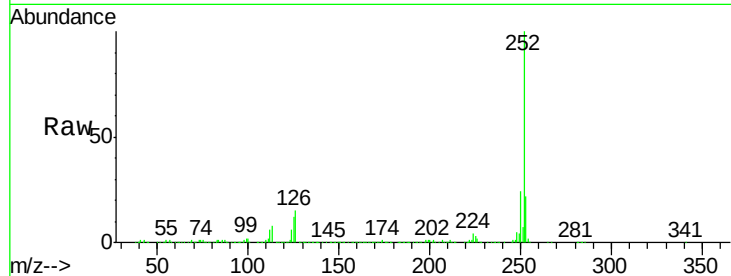
#87
Benzo(b)fluoranthene
Concen: 38.568 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.7	9.0	13.6

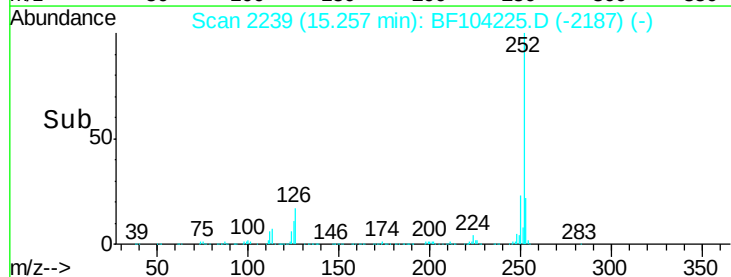
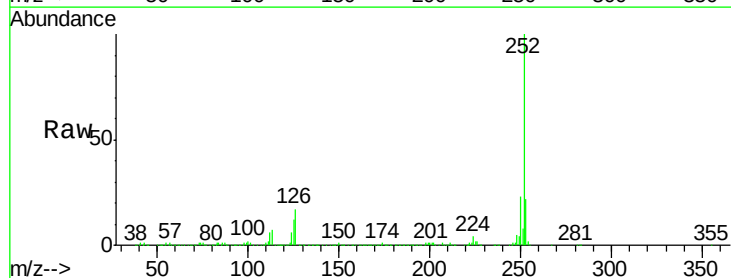
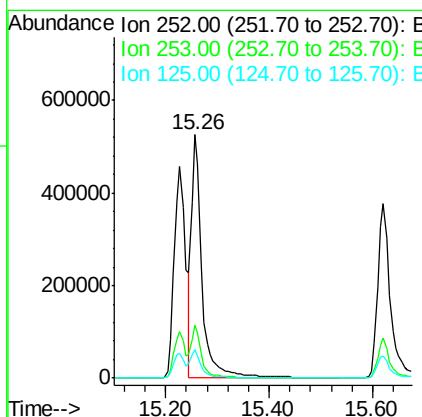
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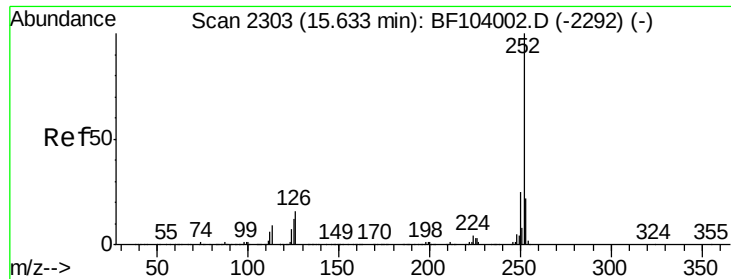
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#88
Benzo(k)fluoranthene
Concen: 43.169 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.5	10.2	15.2





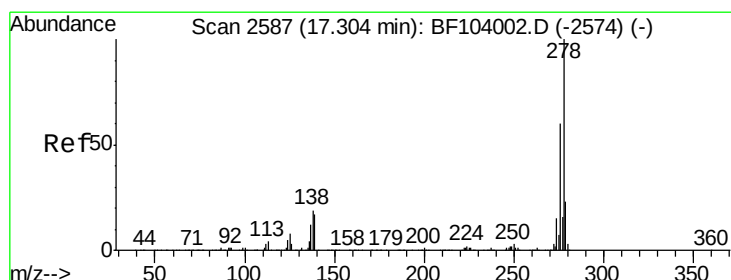
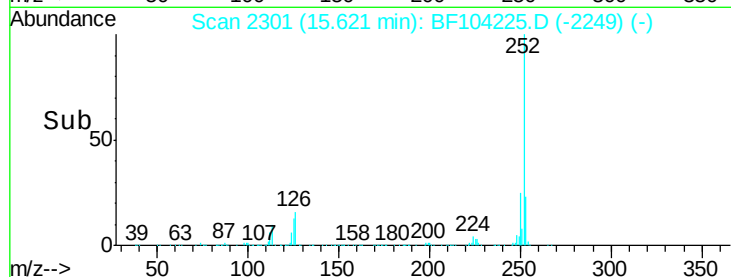
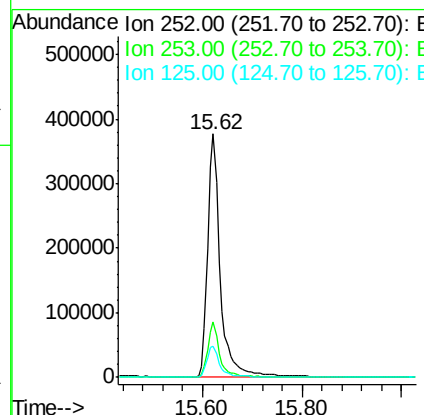
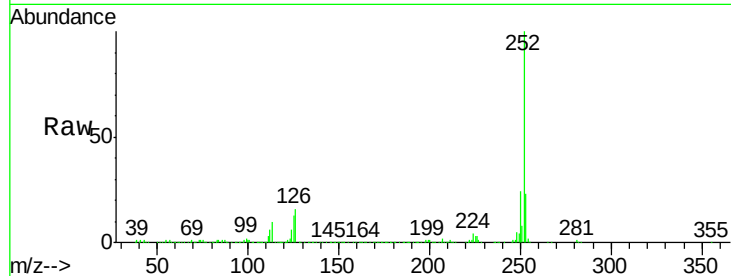
#89
Benzo(a)pyrene
Concen: 38.894 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :
PB107885BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	12.8	9.8	14.6

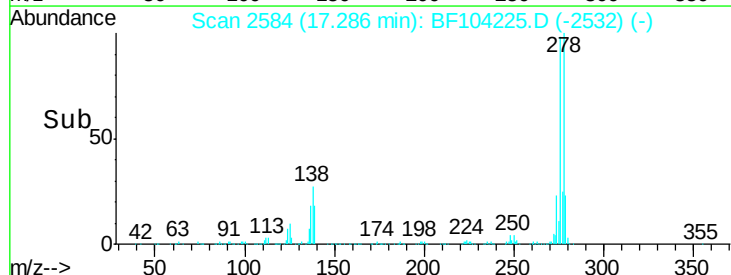
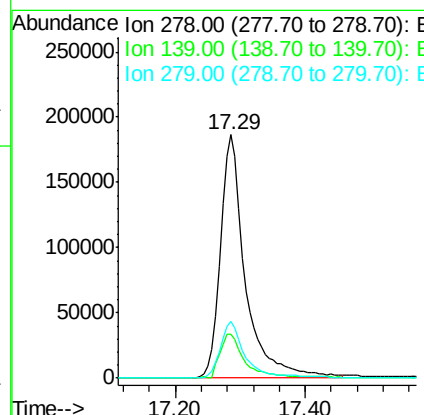
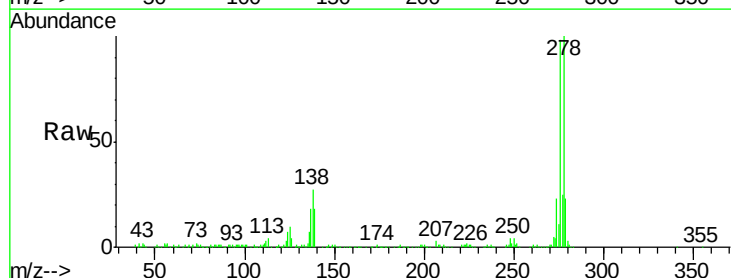
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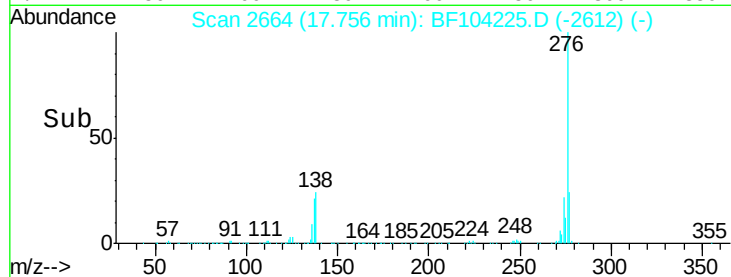
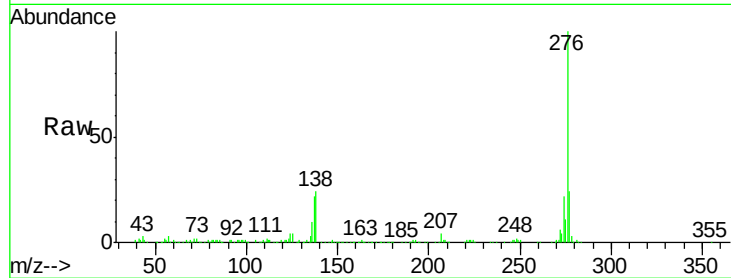
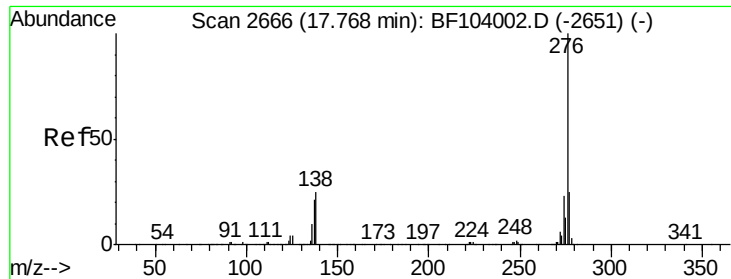
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#90
Dibenzo(a,h)anthracene
Concen: 31.582 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 30.994 ng
 RT: 17.76 min Scan# 2664
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.3	21.8	32.8

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