

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100138.D
 Acq On : 3 Nov 2017 16:56
 Operator : SJ/JU
 Sample : PB103911BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:18:51 PM

Quant Time: Nov 03 18:00:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	81623	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	352639	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	169709	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	301566	20.00	ng	0.00
75) Chrysene-d12	13.95	240	198832	20.00	ng	0.00
86) Perylene-d12	15.41	264	135662	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	362504	69.73	ng	0.01
7) Phenol-d6	6.42	99	424149	68.80	ng	0.00
23) Nitrobenzene-d5	7.34	82	349237	63.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	97648	63.14	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	756776	68.80	ng	0.00
78) Terphenyl-d14	12.88	244	685748	75.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	70321	30.629	ng	# 86
3) Pyridine	3.33	79	186680m	33.812	ng	
4) n-Nitrosodimethylamine	3.29	42	58730	29.776	ng	# 67
6) Aniline	6.44	93	166958	20.888	ng	# 72
8) 2-Chlorophenol	6.56	128	205335	37.057	ng	90
9) Benzaldehyde	6.33	77	69697	18.920	ng	89
10) Phenol	6.43	94	238765	35.277	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	177045	33.874	ng	94
12) 1,3-Dichlorobenzene	6.70	146	210541	33.840	ng	95
13) 1,4-Dichlorobenzene	6.79	146	216472	34.282	ng	97
14) 1,2-Dichlorobenzene	6.93	146	199201	34.614	ng	97
15) Benzyl Alcohol	6.93	79	142634	36.382	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	222431	38.310	ng	# 5
17) 2-Methylphenol	7.04	107	160509	34.630	ng	# 94
18) Hexachloroethane	7.27	117	70281	33.362	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	125040	34.612	ng	# 87
20) 3+4-Methylphenols	7.20	107	220706	40.895	ng	98
22) Acetophenone	7.19	105	265124	33.020	ng	# 90
24) Nitrobenzene	7.36	77	186881	33.861	ng	89
25) Isophorone	7.59	82	350347	35.249	ng	98
26) 2-Nitrophenol	7.67	139	113889	36.029	ng	# 86
27) 2,4-Dimethylphenol	7.72	122	183838	39.471	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	233215	33.504	ng	98
29) 2,4-Dichlorophenol	7.93	162	179816	37.165	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	175905	34.027	ng	98
31) Naphthalene	8.07	128	576887	33.890	ng	99
32) Benzoic acid	7.87	122	95984	23.413	ng	93
33) 4-Chloroaniline	8.14	127	115494	16.431	ng	# 93
34) Hexachlorobutadiene	8.17	225	86630	32.579	ng	99
35) Caprolactam	8.52	113	55010m	36.154	ng	
36) 4-Chloro-3-methylphenol	8.63	107	175852	35.610	ng	94
37) 2-Methylnaphthalene	8.76	142	410853	36.017	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	168809	30.798	ng	# 98
40) Hexachlorocyclopentadiene	8.90	237	32215	39.073	ng	98

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Quant Time: Nov 03 18:00:54 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	112369	33.892	ng	100
43) 2,4,5-Trichlorophenol	9.11	196	112569	31.995	ng	# 92
45) 1,1'-Biphenyl	9.23	154	486984	31.720	ng	98
46) 2-Chloronaphthalene	9.26	162	380345	34.113	ng	95
47) 2-Nitroaniline	9.37	65	98011	33.493	ng	# 84
48) Acenaphthylene	9.67	152	567839	33.066	ng	99
49) Dimethylphthalate	9.53	163	427783	31.830	ng	99
50) 2,6-Dinitrotoluene	9.61	165	96855	34.281	ng	# 81
51) Acenaphthene	9.84	154	344025	32.786	ng	97
52) 3-Nitroaniline	9.79	138	70507	21.179	ng	# 81
53) 2,4-Dinitrophenol	9.92	184	50853m	48.066	ng	
54) Dibenzofuran	10.02	168	515353	34.794	ng	97
55) 4-Nitrophenol	9.97	139	68617	39.448	ng	# 78
56) 2,4-Dinitrotoluene	10.02	165	129082	37.938	ng	# 89
57) Fluorene	10.36	166	413539	33.721	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	86269	34.972	ng	91
59) Diethylphthalate	10.23	149	425604	32.429	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	190423	32.993	ng	91
61) 4-Nitroaniline	10.40	138	98651	31.060	ng	82
62) Azobenzene	10.50	77	361973	32.901	ng	90
64) 4,6-Dinitro-2-methylphenol	10.45	198	42441	22.389	ng	# 71
65) n-Nitrosodiphenylamine	10.47	169	363991	32.697	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	110720	34.875	ng	92
67) Hexachlorobenzene	10.91	284	111511	34.333	ng	93
68) Atrazine	11.00	200	111261	33.272	ng	99
69) Pentachlorophenol	11.12	266	62802	45.251	ng	98
70) Phenanthrene	11.32	178	571581	33.585	ng	98
71) Anthracene	11.37	178	600943	34.787	ng	99
72) Carbazole	11.54	167	545167	33.559	ng	99
73) Di-n-butylphthalate	11.85	149	672233	32.443	ng	99
74) Fluoranthene	12.52	202	575853	32.559	ng	99
76) Benzidine	12.65	184	191767	22.041	ng	97
77) Pyrene	12.75	202	575254	38.048	ng	98
79) Butylbenzylphthalate	13.35	149	260764	35.025	ng	93
80) Benzo(a)anthracene	13.94	228	418757	33.223	ng	99
81) 3,3'-Dichlorobenzidine	13.90	252	89227	19.501	ng	99
82) Chrysene	13.97	228	404930	34.171	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	346595	33.150	ng	98
84) Di-n-octyl phthalate	14.51	149	557345	31.059	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.88	276	292142	26.855	ng	97
87) Benzo(b)fluoranthene	14.99	252	295155	34.455	ng	96
88) Benzo(k)fluoranthene	15.02	252	313701	38.835	ng	98
89) Benzo(a)pyrene	15.35	252	278924	36.247	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	245951	35.971	ng	97
91) Benzo(g,h,i)perylene	17.32	276	254287	38.013	ng	97

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

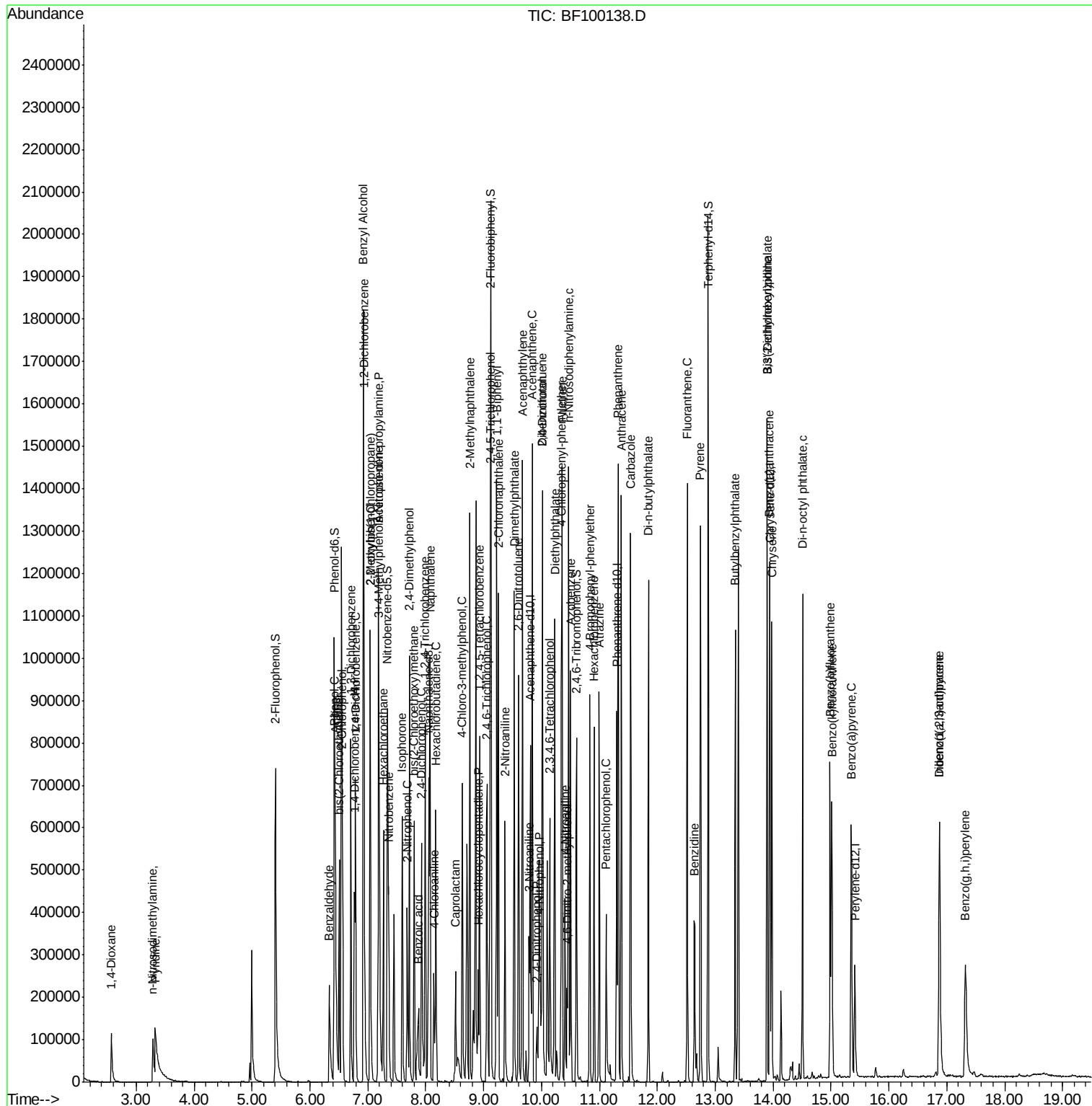
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Operator  : SJ/JU  
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Misc      :  
ALS Vial  : 9 Sample Multiplier: 1
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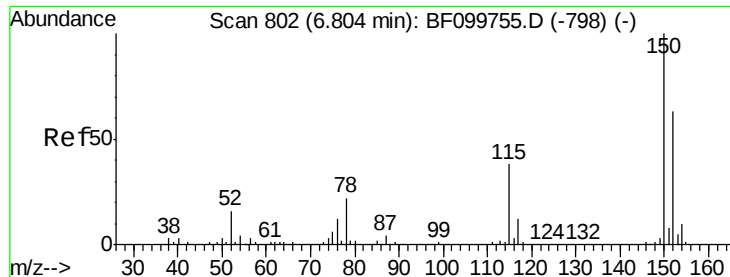
Instrument :
BNA_F
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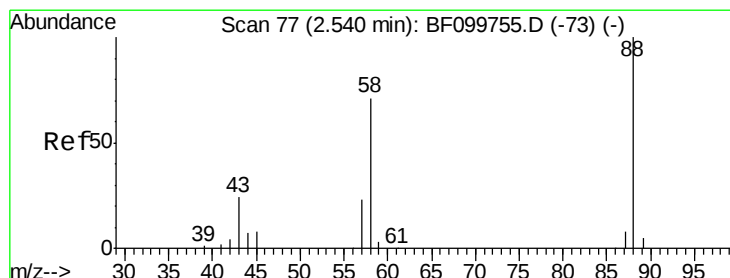
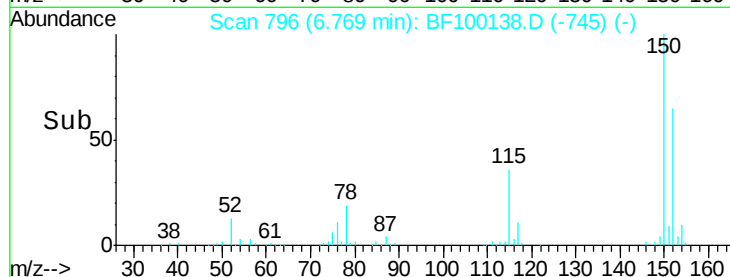
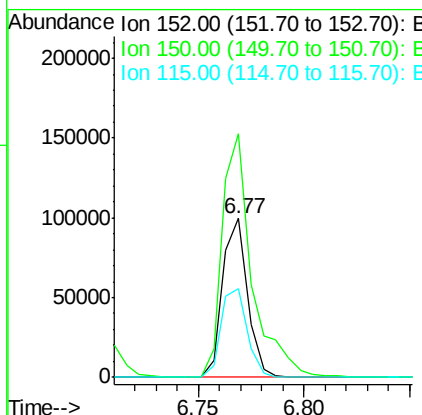
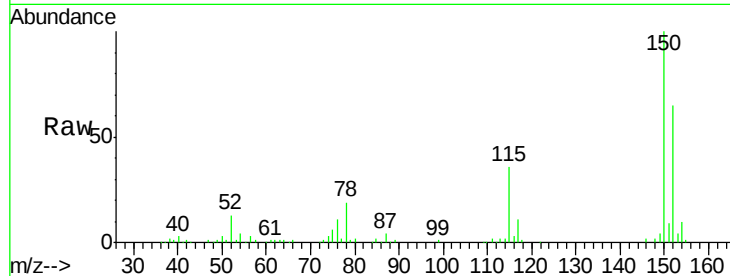
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	55.8	50.1	75.1

Manual Integrations
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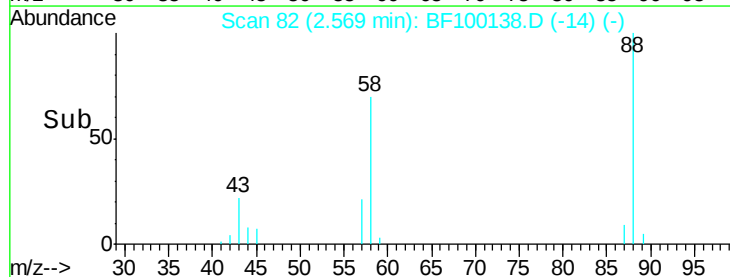
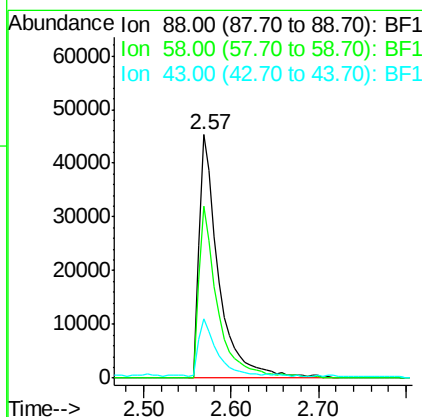
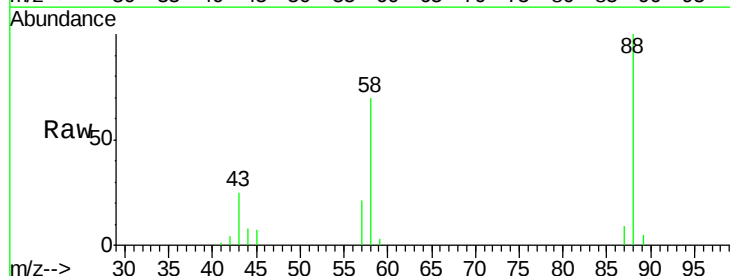
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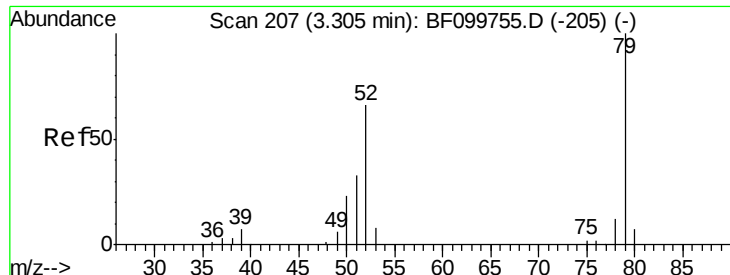


#2

1,4-Dioxane
Concen: 30.629 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.10 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.4	62.6	93.8
43	23.0	24.6	37.0





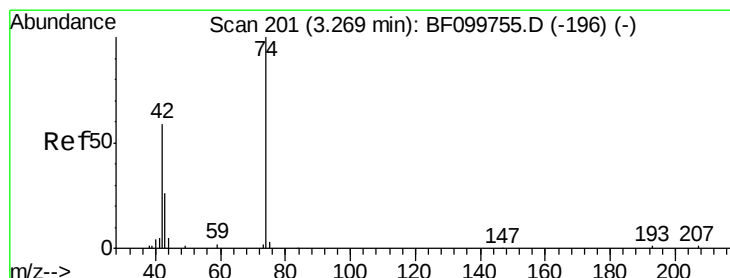
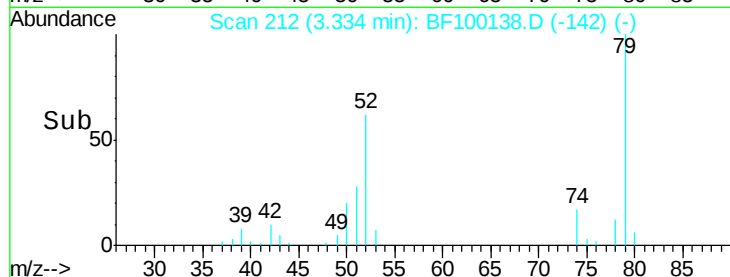
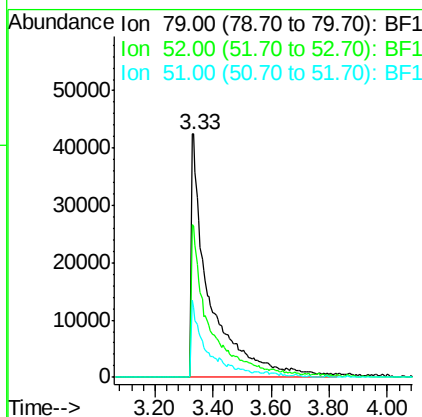
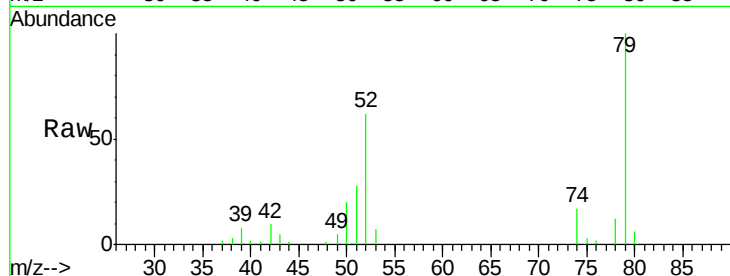
#3
Pyridine
 Concen: 33.812 ng m
 RT: 3.33 min Scan# 212
 Delta R.T. 0.11 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampled :
 PB103911BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.4	59.8	89.6
51	28.3	29.8	44.8#

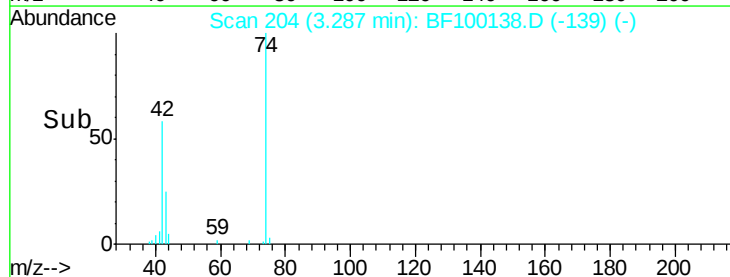
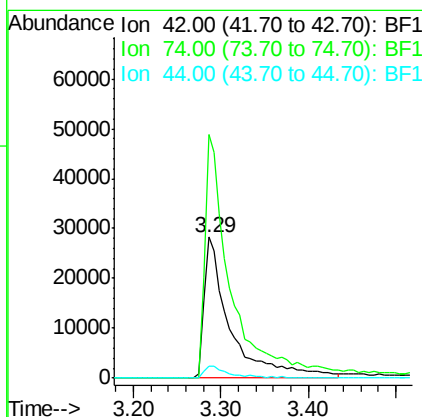
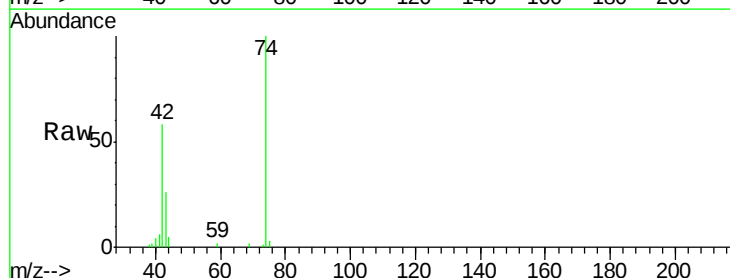
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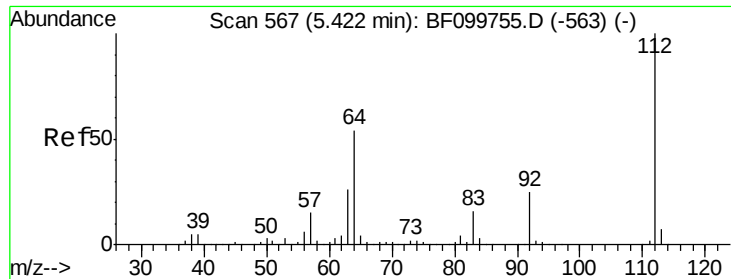
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#4
n-Nitrosodimethylamine
 Concen: 29.776 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.08 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.8	104.9	157.3#
44	8.3	6.9	10.3





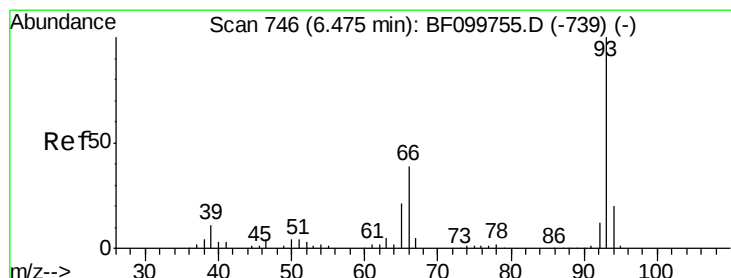
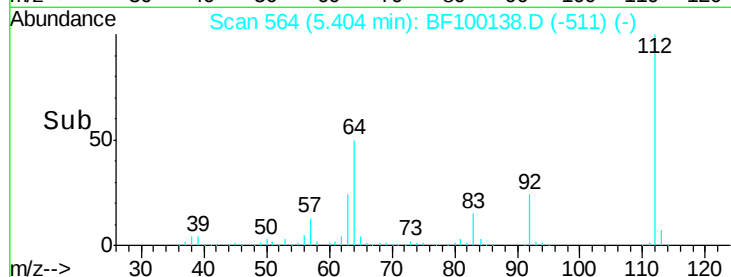
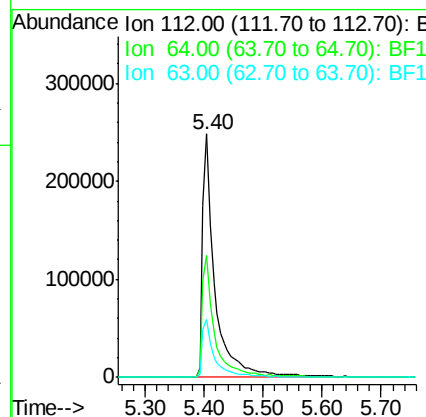
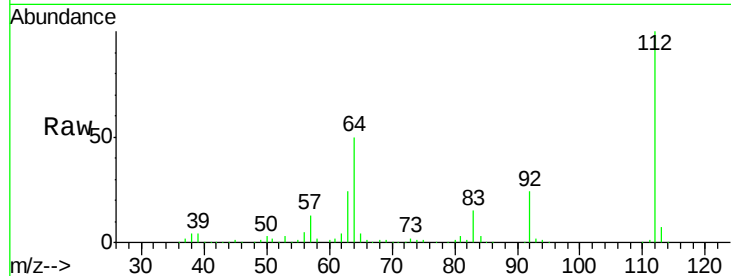
#5
2-Fluorophenol
Concen: 69.725 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	362504		
64	50.1	47.9	71.9	
63	23.7	23.7	35.5	

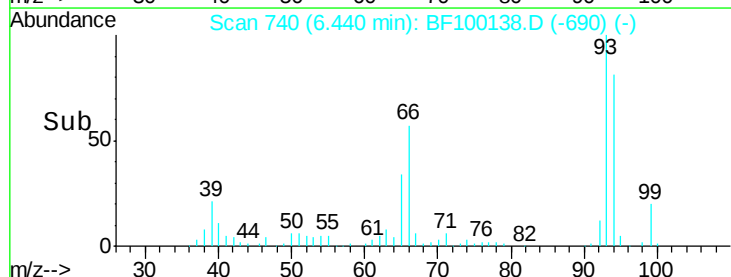
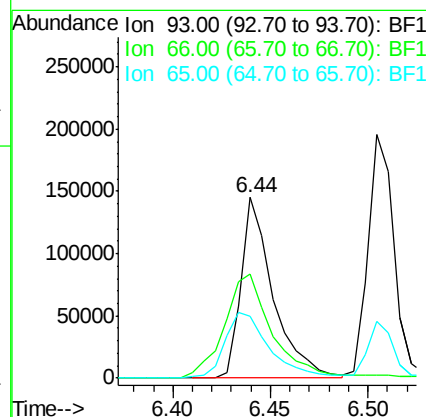
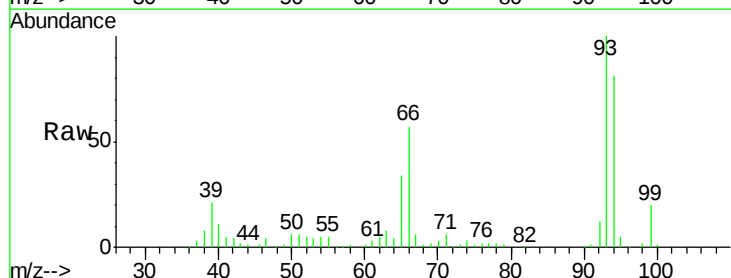
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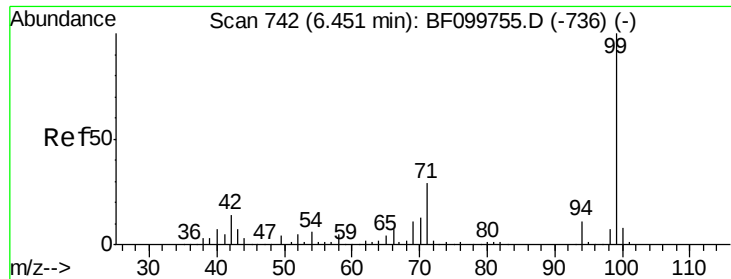
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#6
Aniline
Concen: 20.888 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	166958		
66	57.2	32.2	48.2#	
65	34.4	16.4	24.6#	





#7

Phenol-d6

Concen: 68.804 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

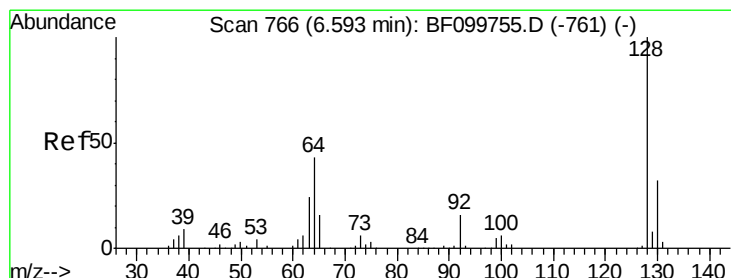
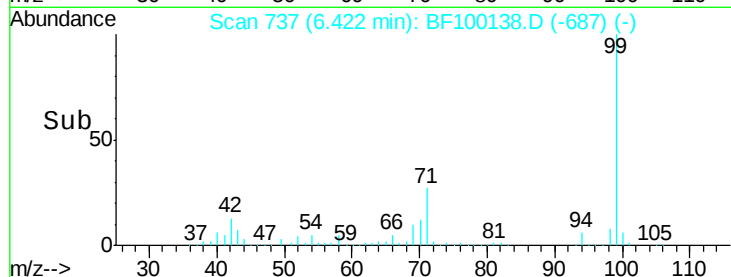
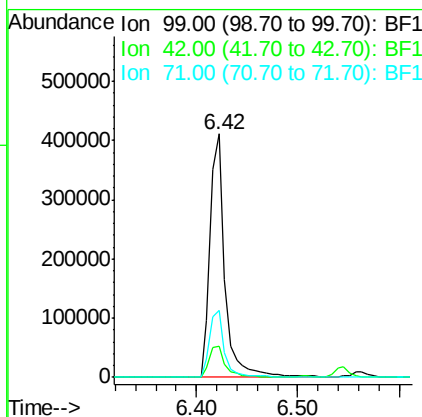
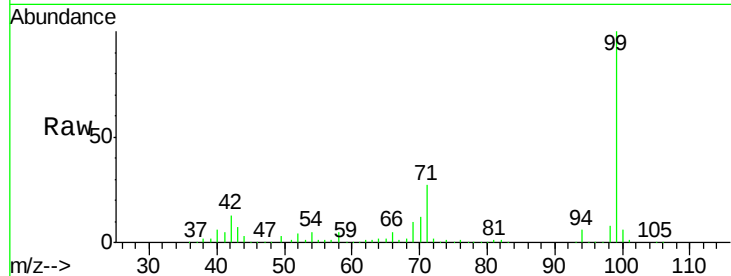
ClientSampled :

PB103911BS

Tgt Ion:	99	Resp:	424149
Ion Ratio	Lower	Upper	
99	100		
42	12.9	14.5	21.7#
71	27.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.057 ng

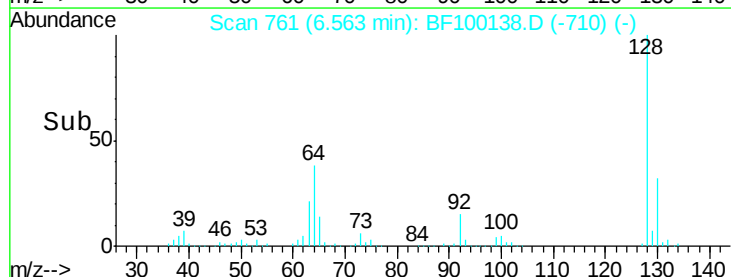
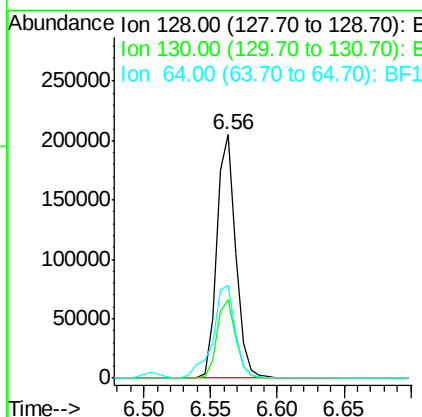
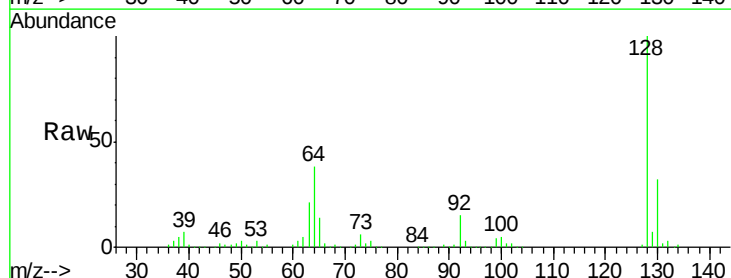
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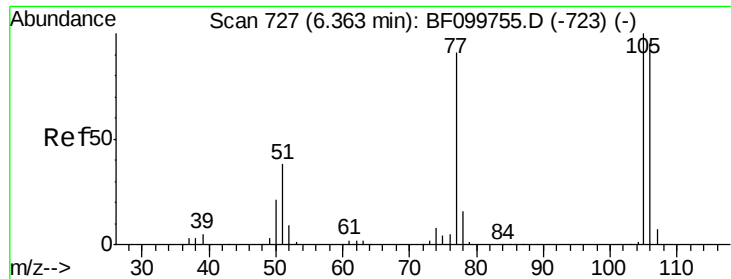
Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Tgt Ion:	128	Resp:	205335
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	38.2	29.4	69.4





#9

Benzaldehyde

Concen: 18.920 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

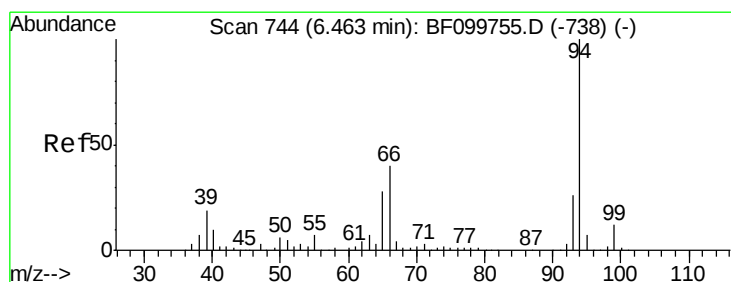
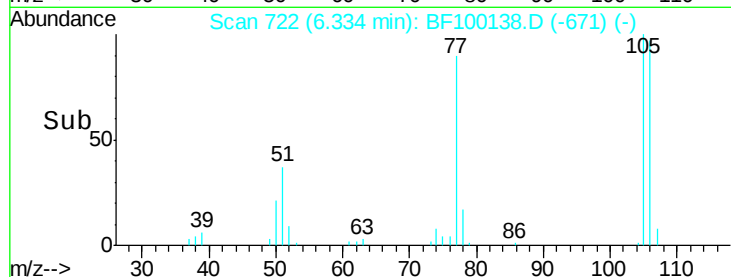
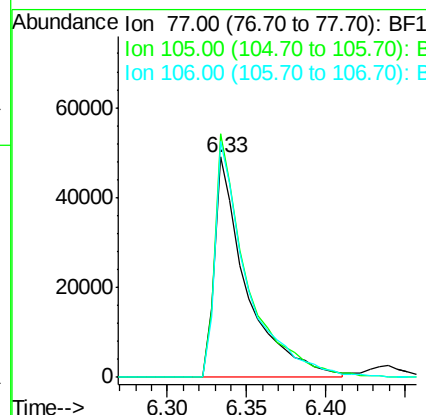
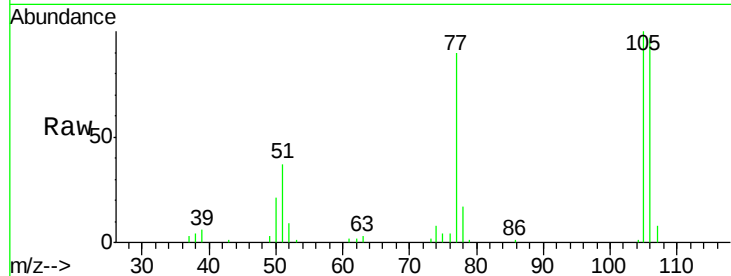
ClientSampleId :

PB103911BS

Tgt Ion: 77 Resp: 69697
 Ion Ratio Lower Upper
 77 100
 105 110.5 81.1 121.1
 106 107.2 74.5 114.5

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#10

Phenol

Concen: 35.277 ng

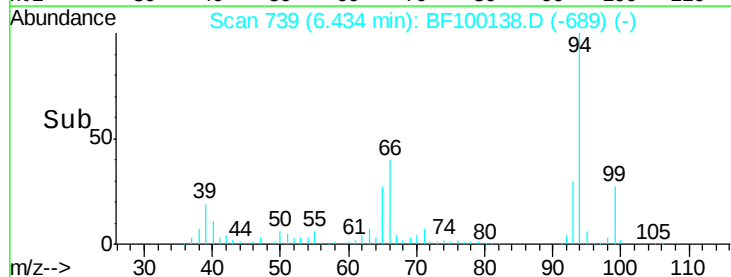
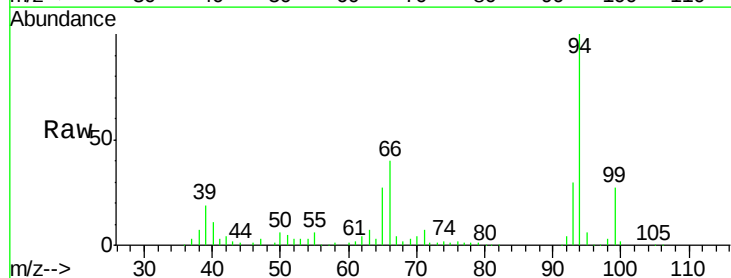
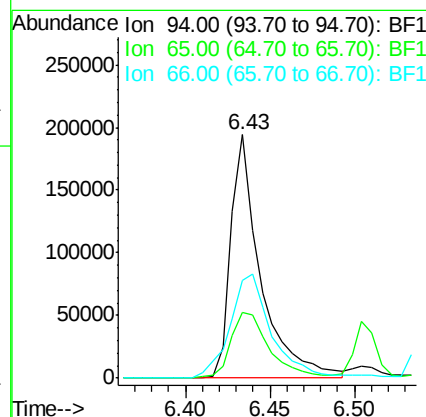
RT: 6.43 min Scan# 739

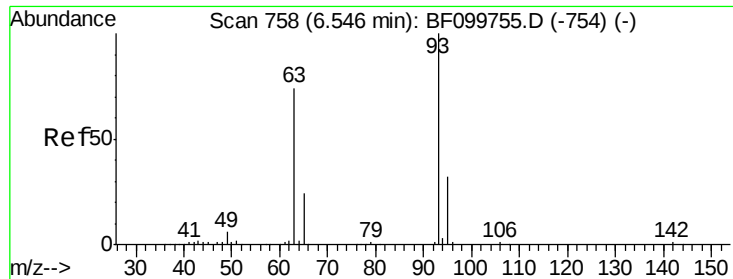
Delta R.T. -0.01 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Tgt Ion: 94 Resp: 238765
 Ion Ratio Lower Upper
 94 100
 65 26.9 7.9 47.9
 66 39.9 16.2 56.2





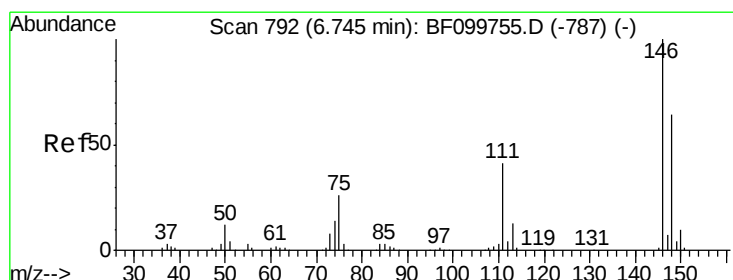
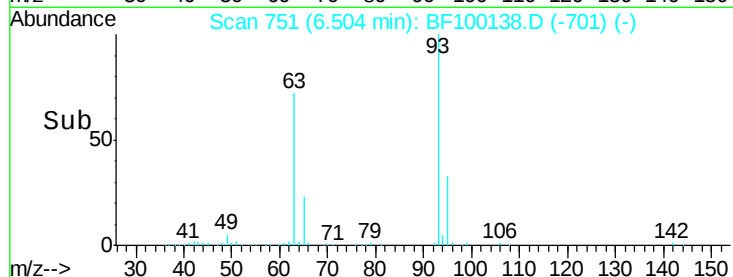
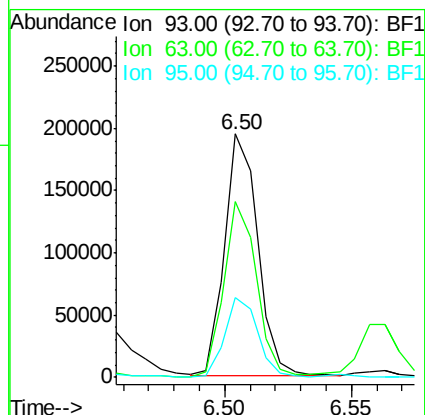
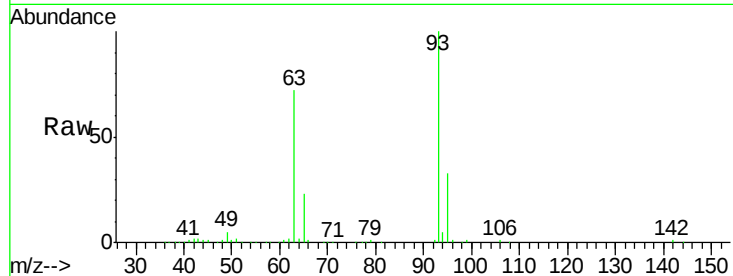
#11
bis(2-Chloroethyl)ether
Concen: 33.874 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampled :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.0	58.6	98.6
95	32.8	11.8	51.8

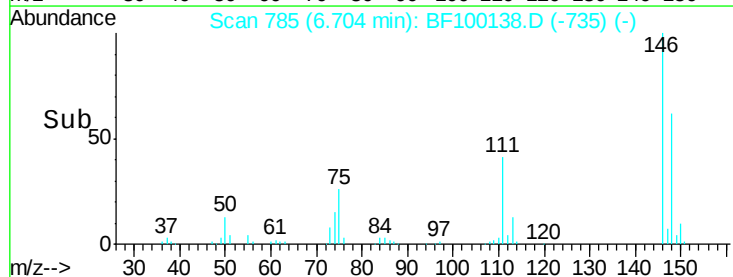
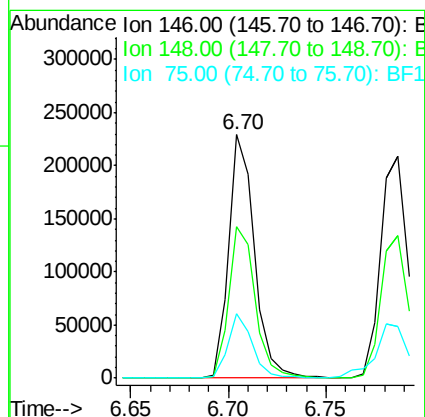
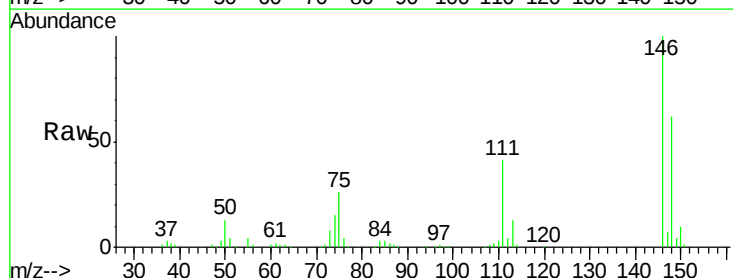
Manual Integrations
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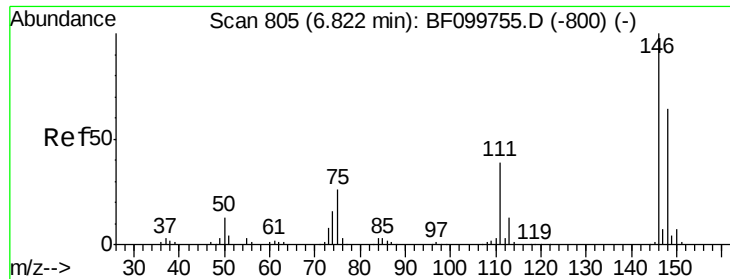
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.840 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.8	77.8
75	26.2	24.2	36.4





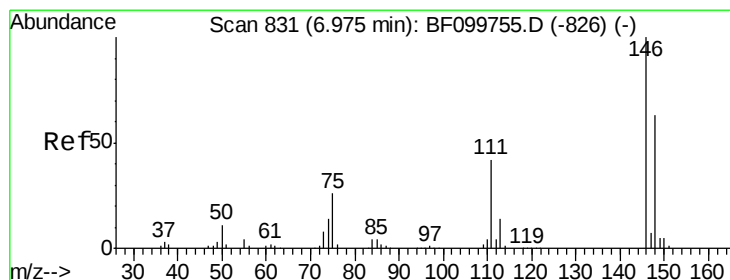
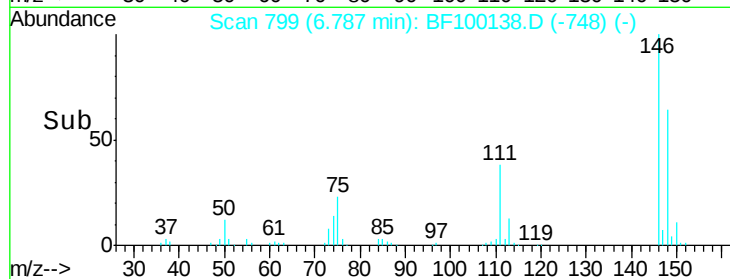
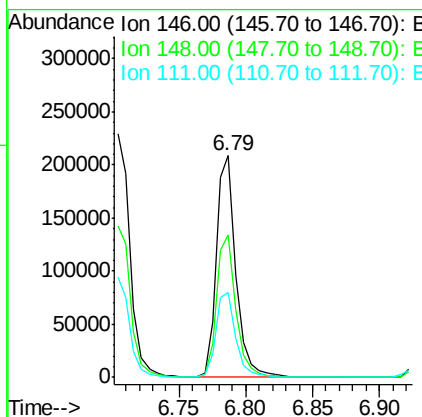
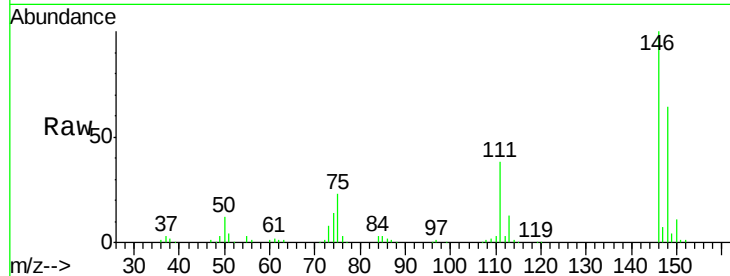
#13
 1,4-Dichlorobenzene
 Concen: 34.282 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	38.4	34.2	51.2

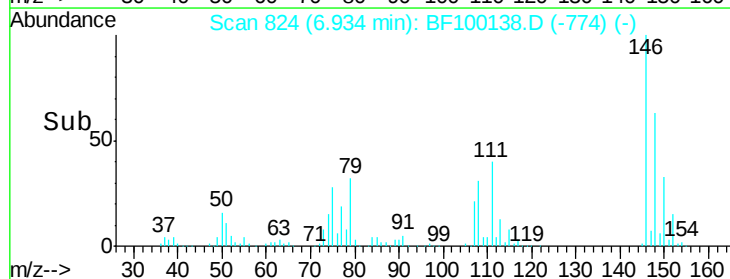
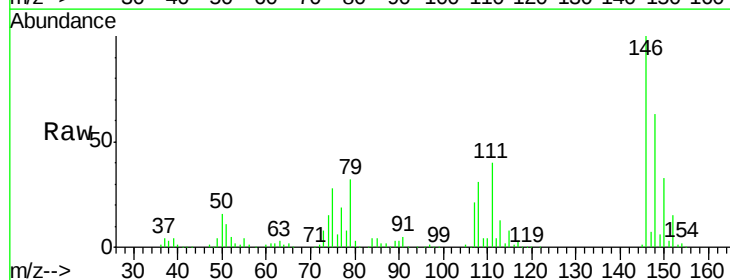
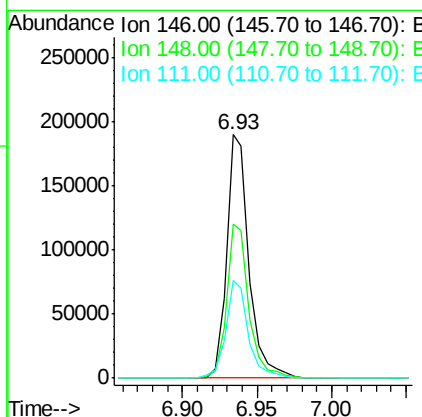
Manual Integrations
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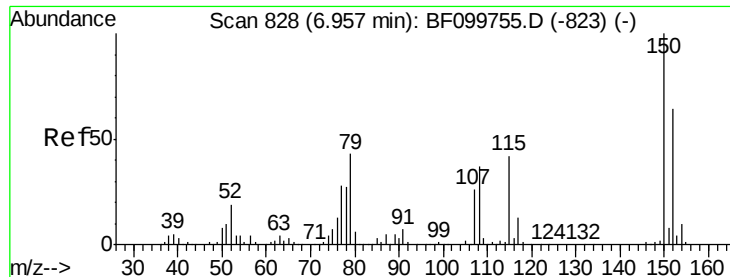
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#14
 1,2-Dichlorobenzene
 Concen: 34.614 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	40.2	36.0	54.0





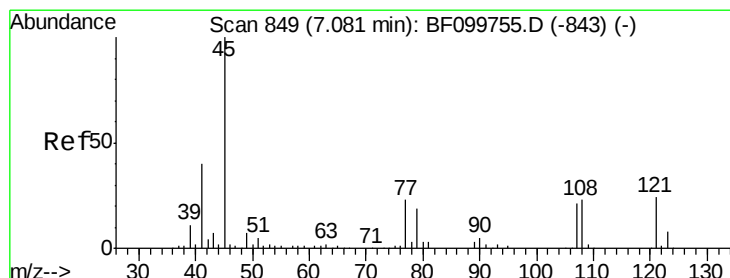
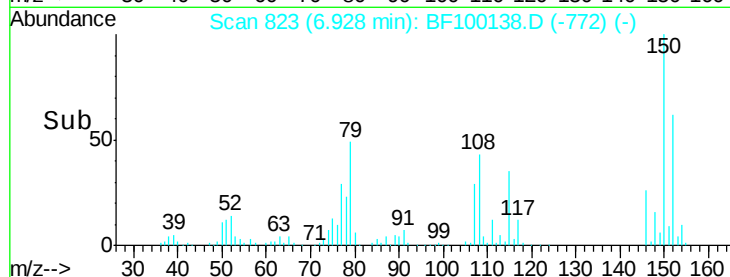
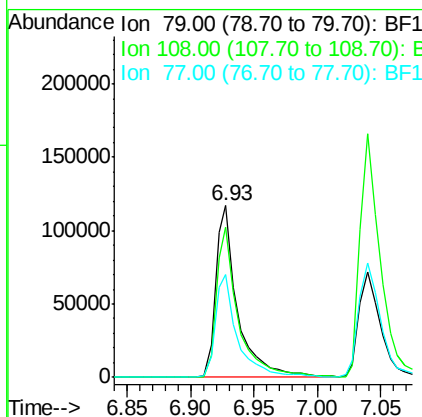
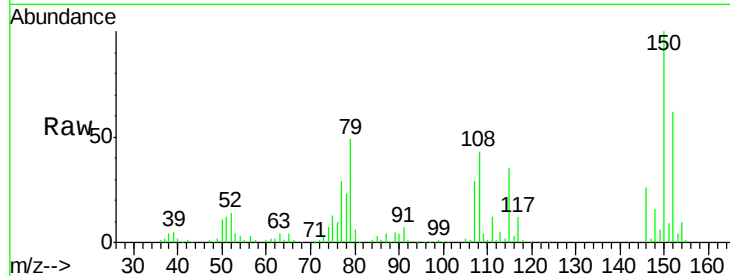
#15
Benzyl Alcohol
Concen: 36.382 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampled :
PB103911BS

Tgt Ion: 79 Resp: 142634
Ion Ratio Lower Upper
79 100
108 87.3 65.1 97.7
77 59.7 50.6 75.8

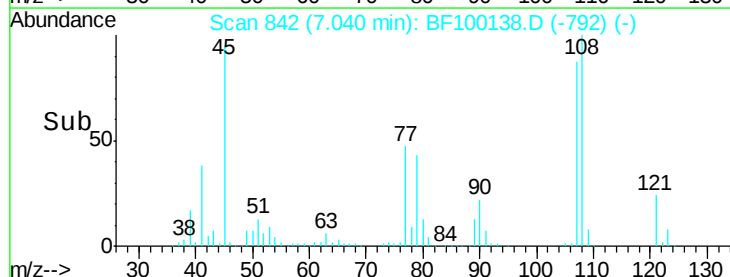
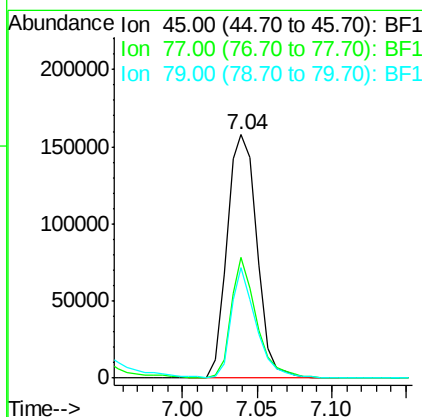
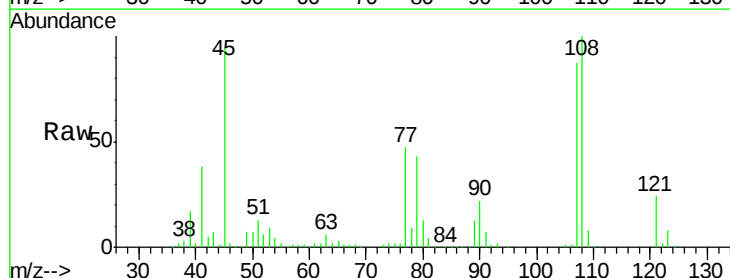
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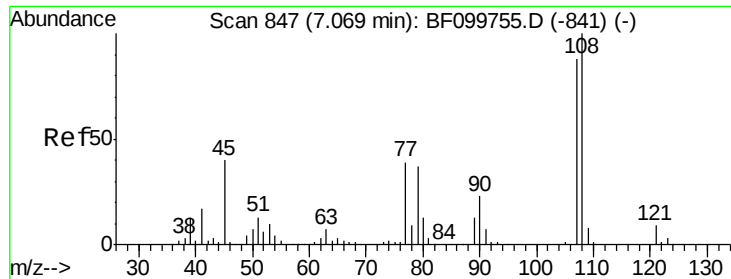
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.310 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion: 45 Resp: 222431
Ion Ratio Lower Upper
45 100
77 49.6 0.0 32.9#
79 45.6 0.0 29.6#





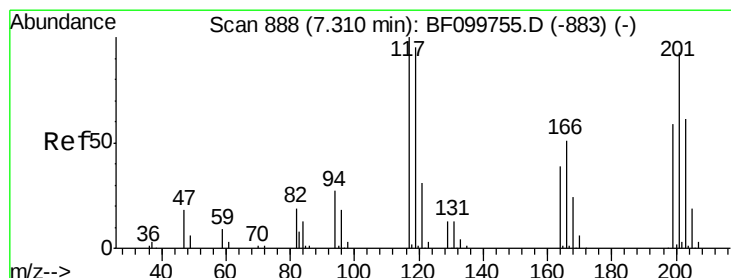
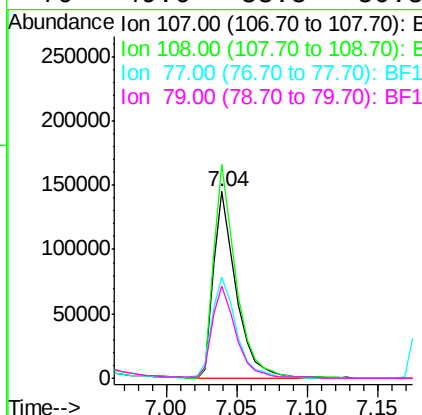
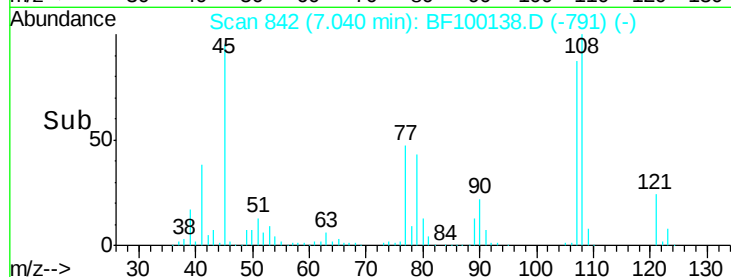
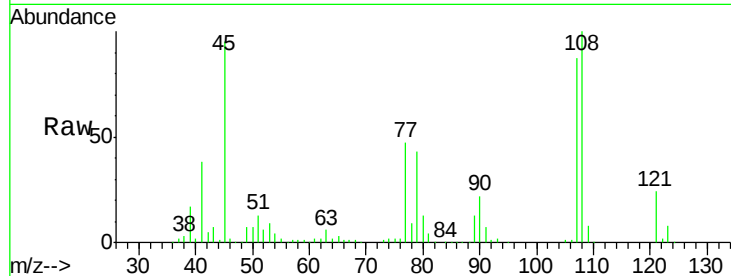
#17
2-Methylphenol
Concen: 34.630 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	160509		
108	114.4	91.7	137.5	
77	54.0	33.8	50.8	
79	49.6	33.8	50.8	

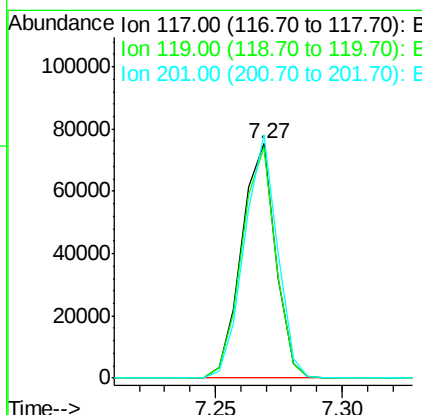
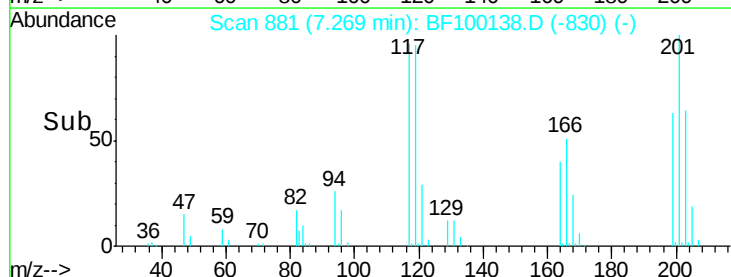
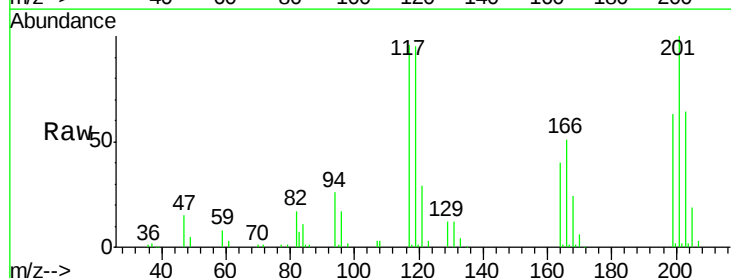
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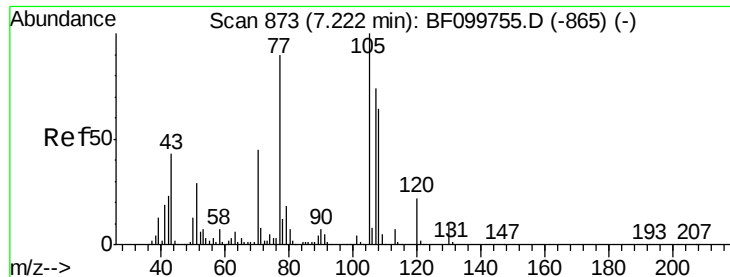
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#18
Hexachloroethane
Concen: 33.362 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70281		
119	98.8	75.8	113.8	
201	104.0	75.7	113.5	





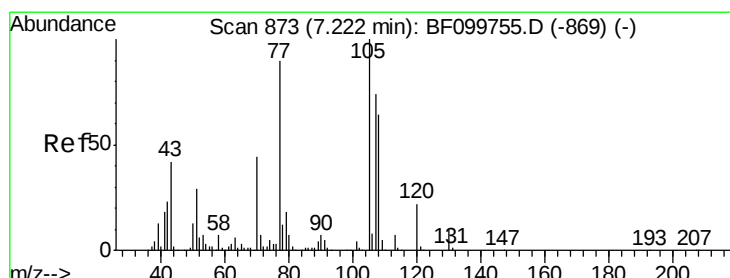
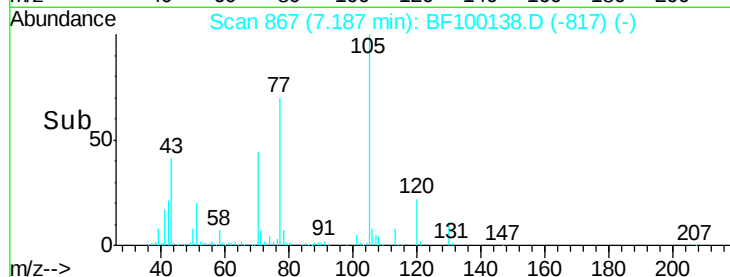
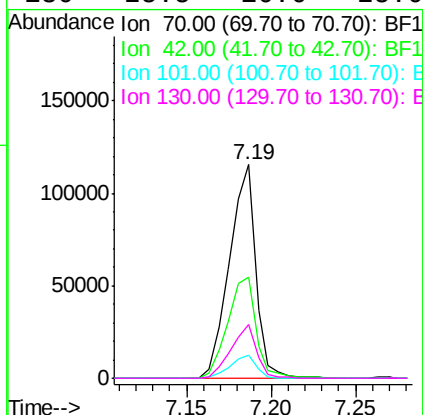
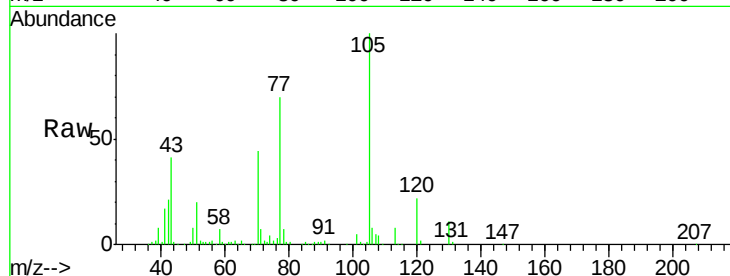
#19
n-Nitroso-di-n-propylamine
Concen: 34.612 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	11.0	7.4	11.2
130	25.5	16.6	25.0#

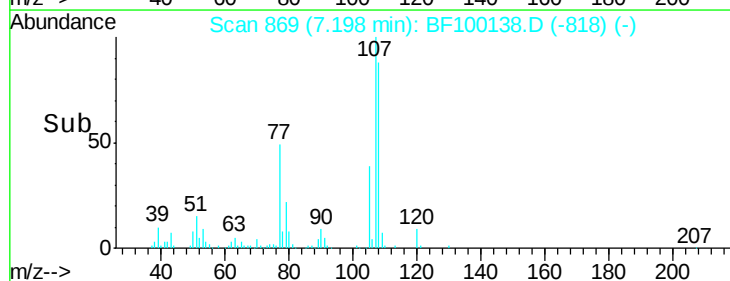
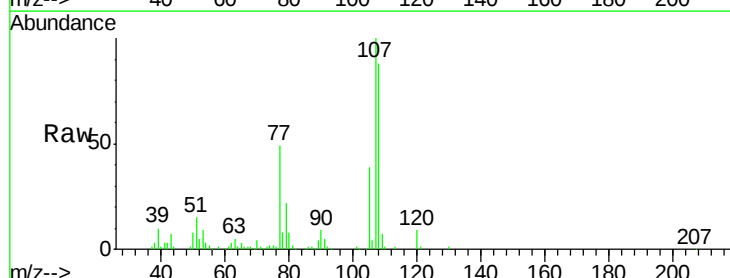
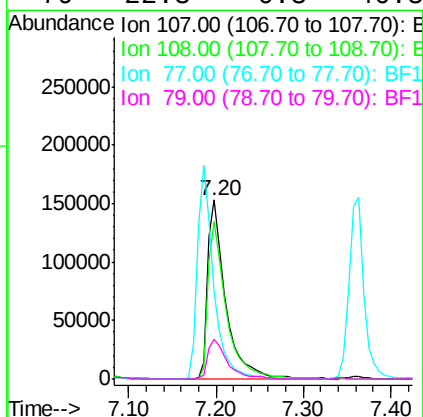
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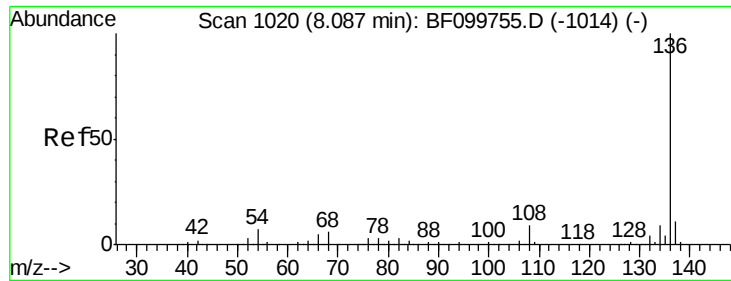
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#20
3+4-Methylphenols
Concen: 40.895 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	48.9	26.7	66.7
79	22.3	6.3	46.3





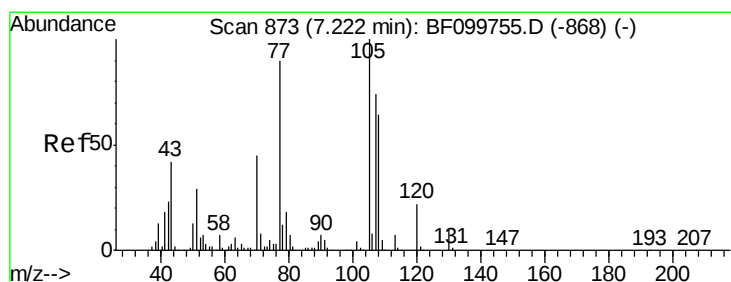
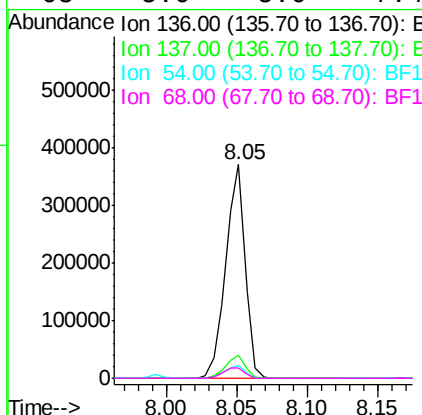
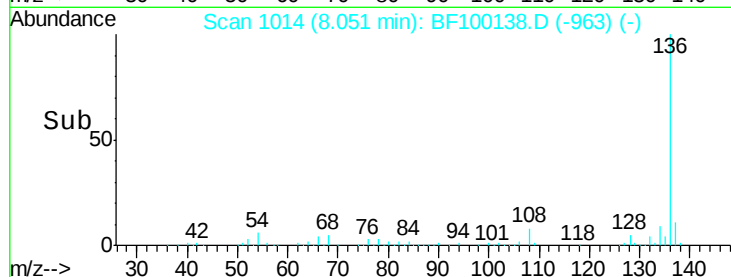
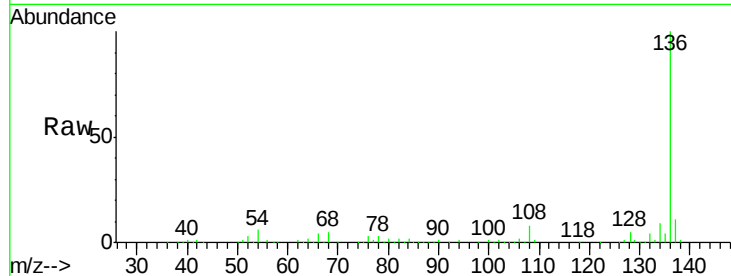
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	352639		
137	10.8	8.9	13.3	
54	6.1	6.6	9.8#	
68	5.0	5.0	7.4	

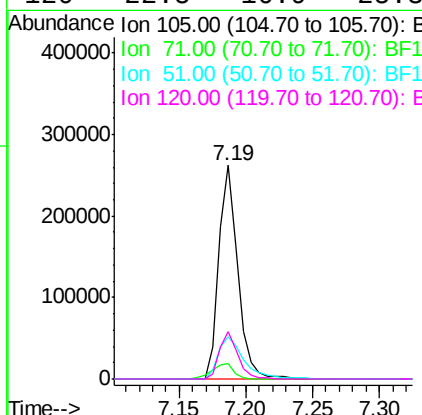
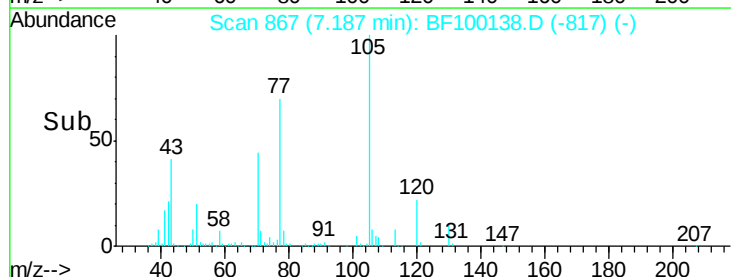
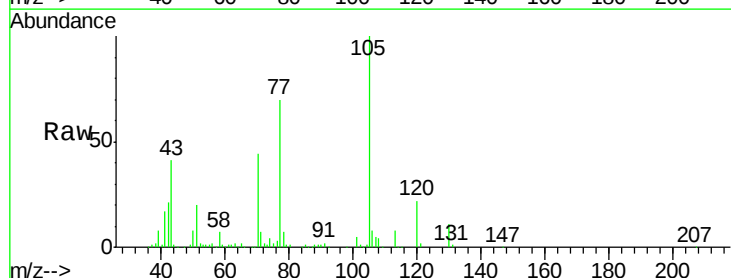
Manual Integrations
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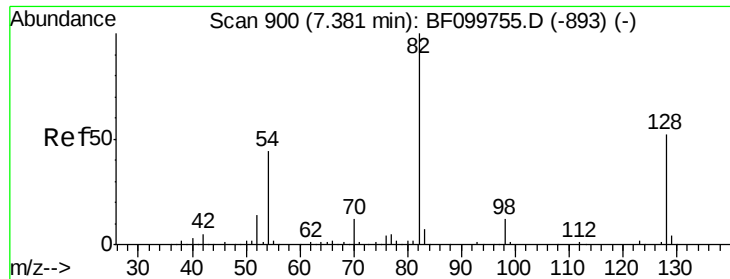
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#22
Acetophenone
Concen: 33.020 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265124		
71	7.5	4.4	6.6#	
51	19.8	22.3	33.5#	
120	22.5	16.9	25.3	





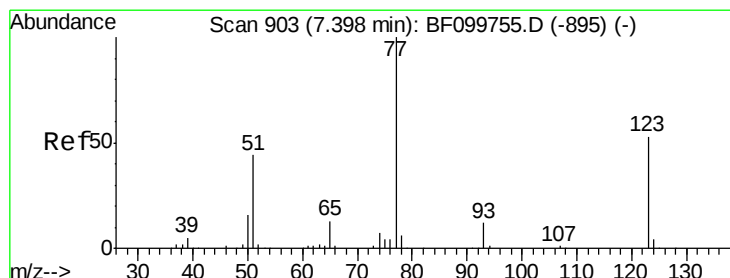
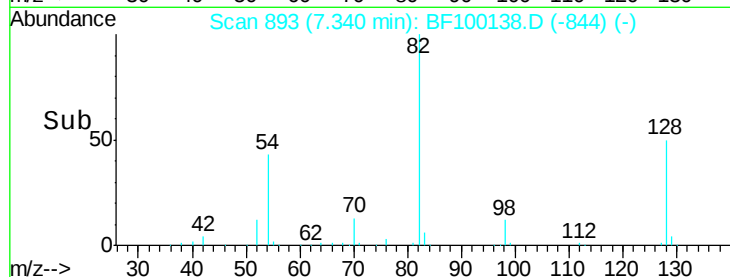
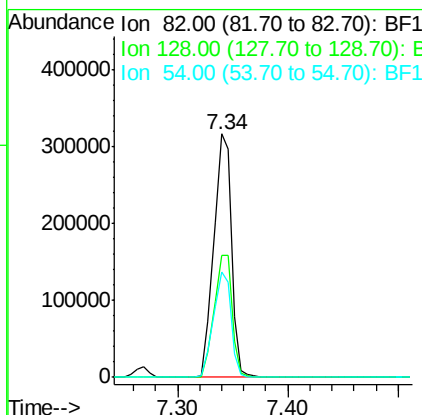
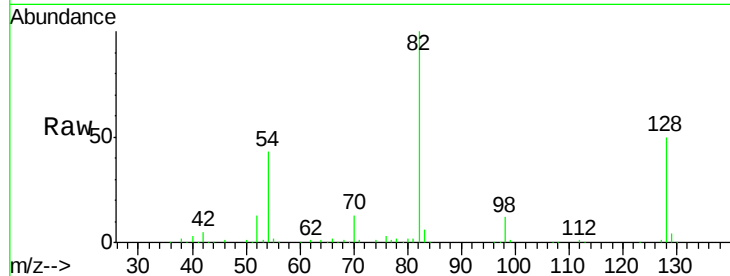
#23
 Nitrobenzene-d5
 Concen: 63.759 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	349237		
128	49.9	36.1	54.1	
54	43.4	41.4	62.2	

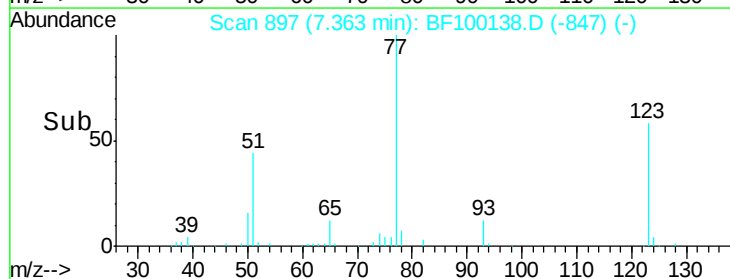
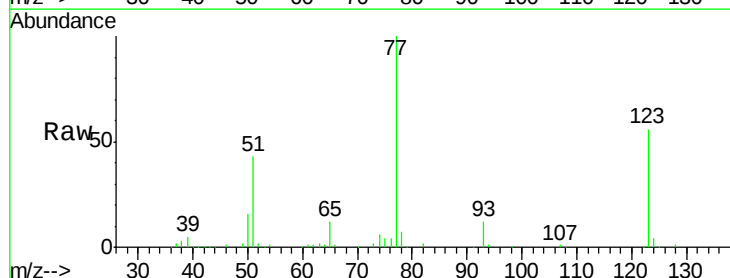
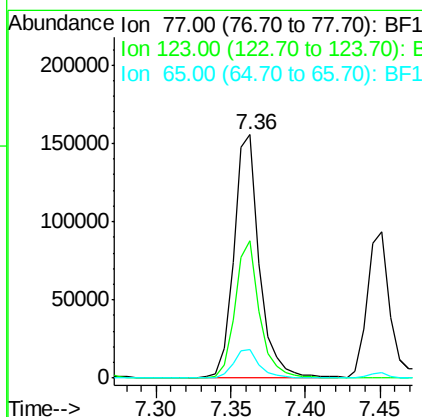
Manual Integrations
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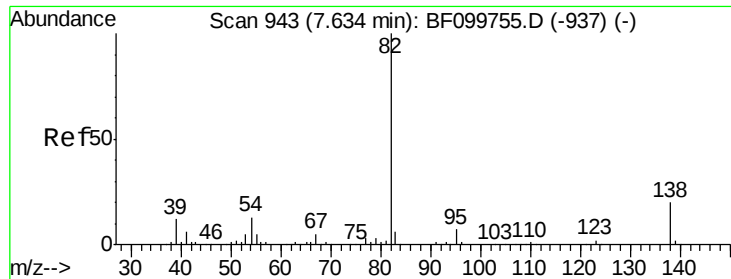
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#24
 Nitrobenzene
 Concen: 33.861 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	186881		
123	56.3	37.9	56.9	
65	12.0	11.0	16.4	





#25

Isophorone

Concen: 35.249 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

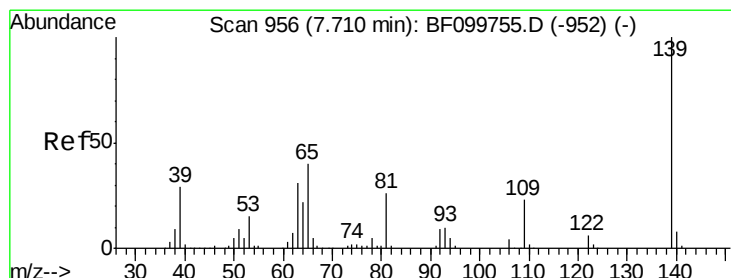
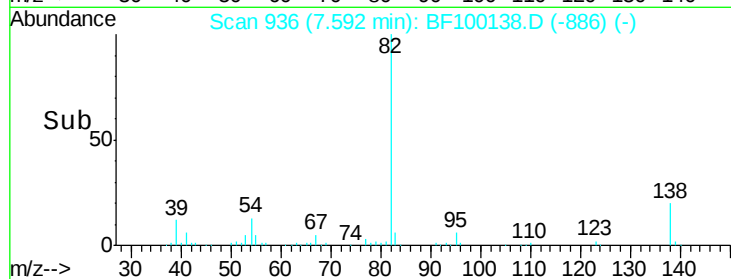
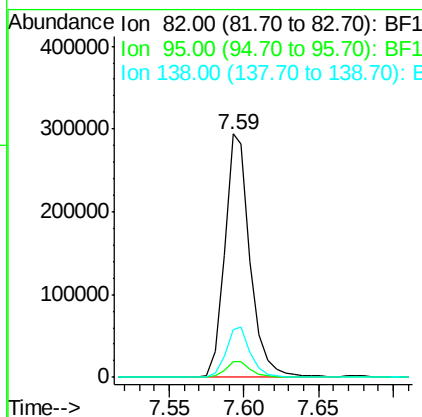
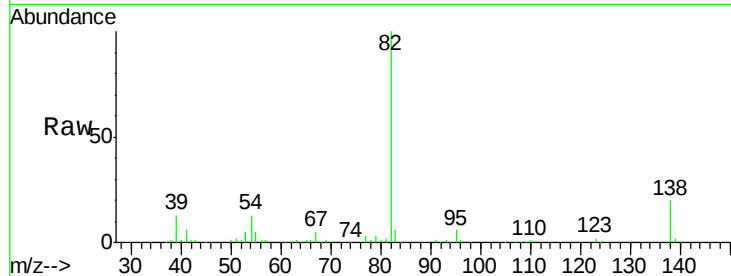
ClientSampleId :

PB103911BS

Tgt Ion:	82	Resp:	350347
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	19.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.029 ng

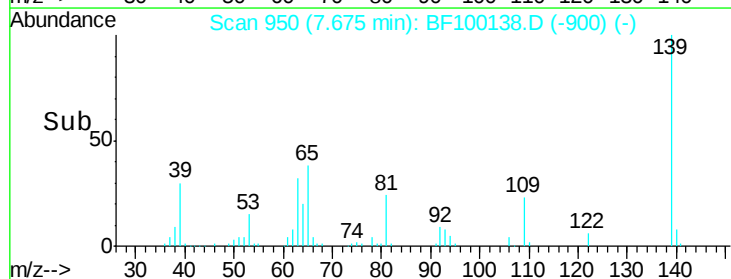
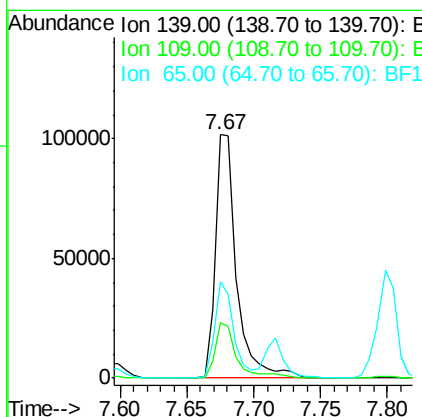
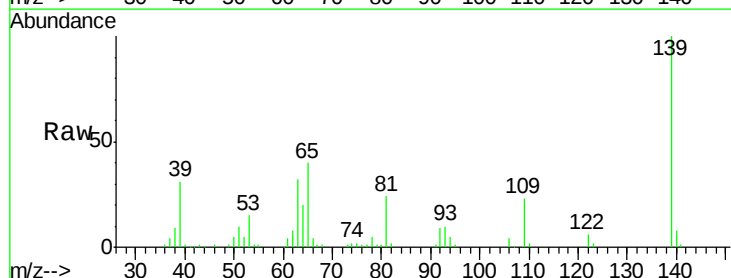
RT: 7.67 min Scan# 950

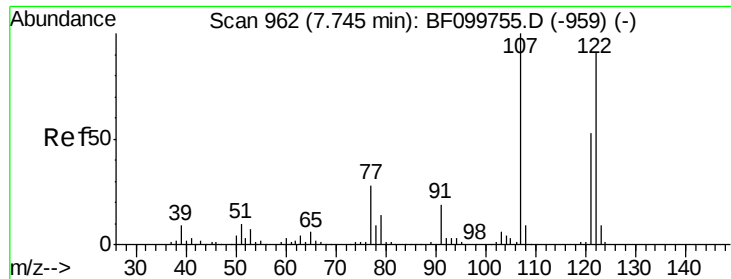
Delta R.T. -0.01 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Tgt Ion:	139	Resp:	113889
Ion Ratio	Lower	Upper	
139	100		
109	23.0	22.7	34.1
65	39.8	40.5	60.7#





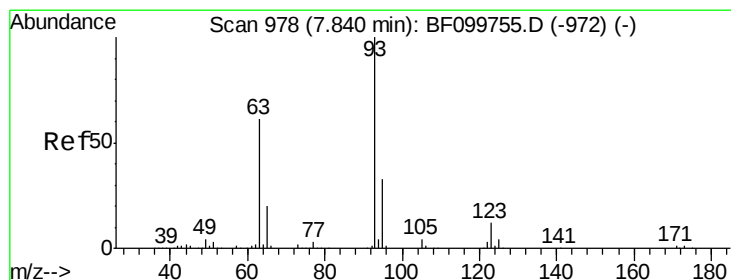
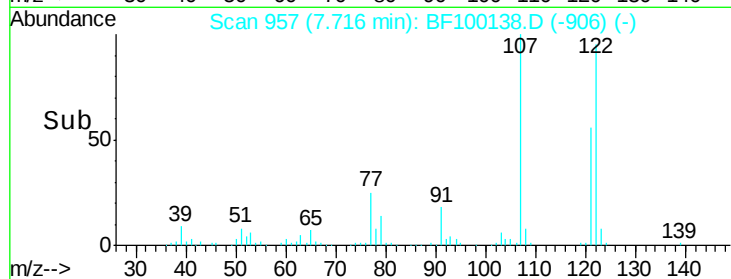
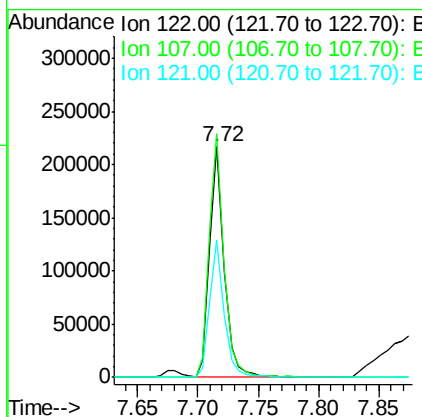
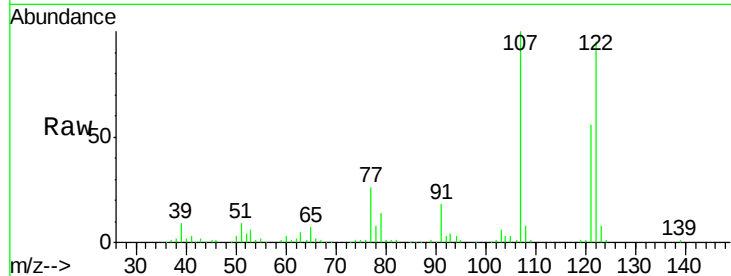
#27
 2,4-Dimethylphenol
 Concen: 39.471 ng
 RT: 7.72 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	183838		
107	105.7	91.2	136.8	
121	59.5	47.2	70.8	

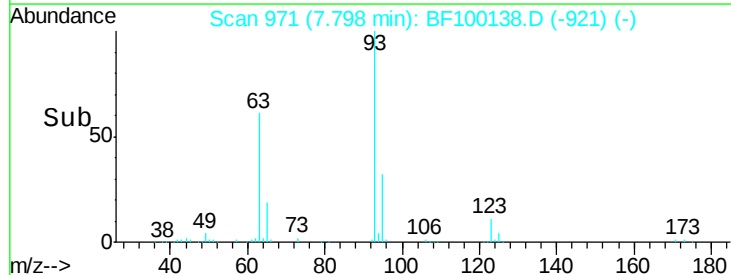
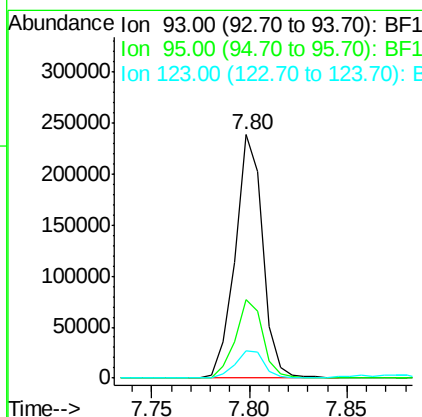
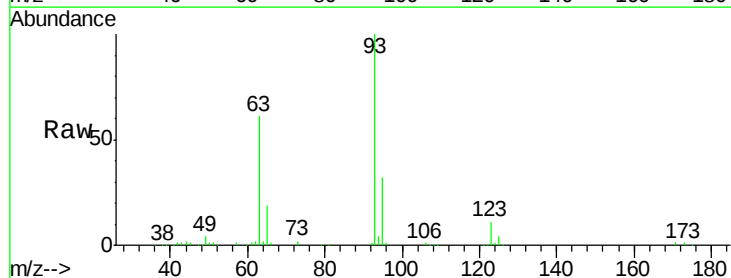
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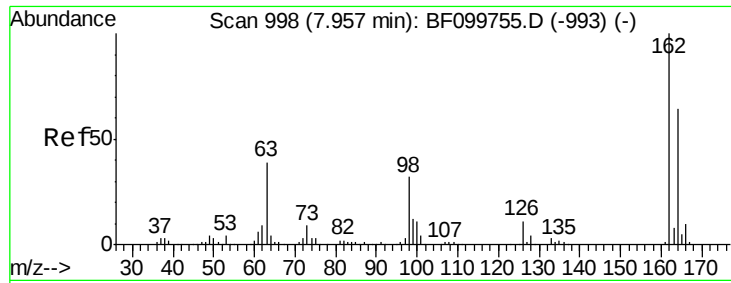
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.504 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	233215		
95	32.2	26.3	39.5	
123	11.1	9.8	14.6	





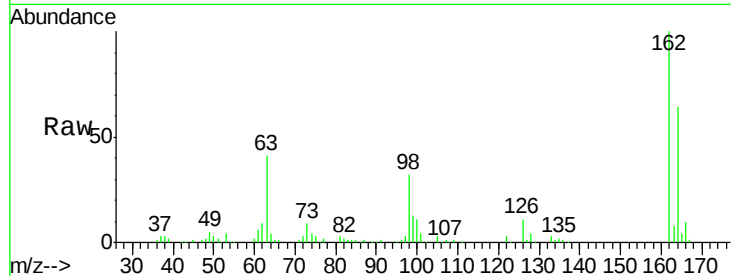
#29
 2,4-Dichlorophenol
 Concen: 37.165 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

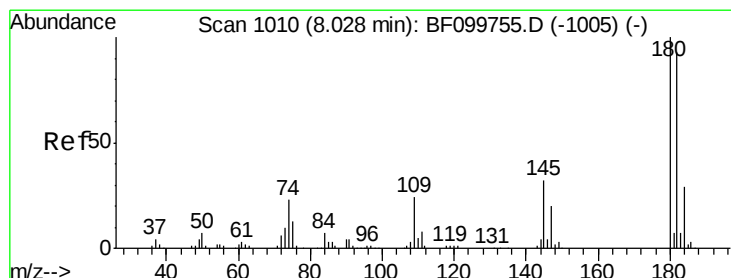
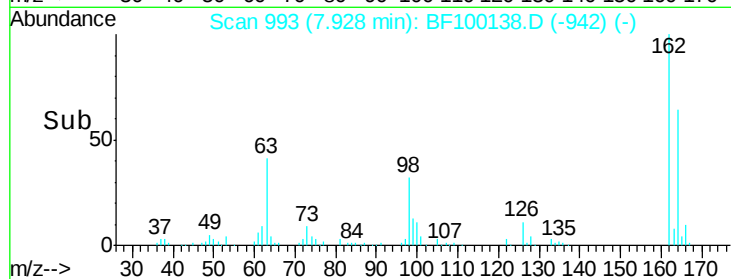
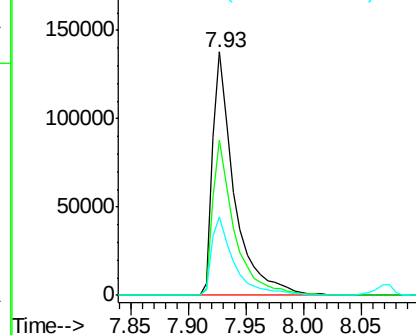
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	42.7	82.7
98	32.3	18.1	58.1

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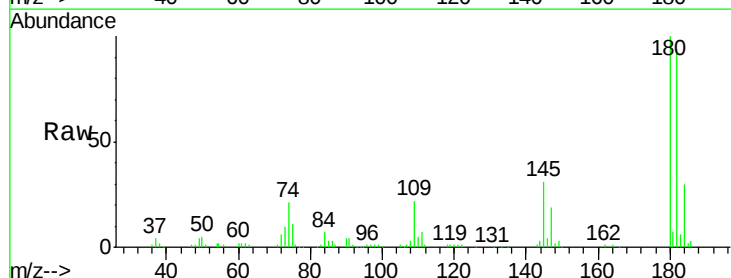


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

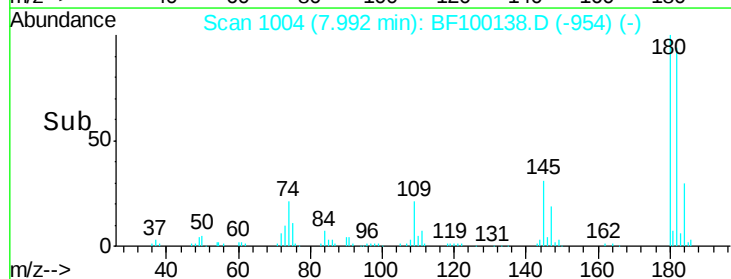
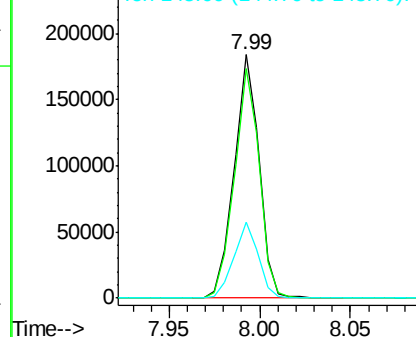


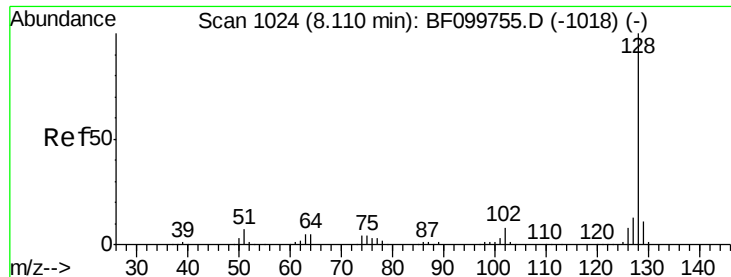
#30
 1,2,4-Trichlorobenzene
 Concen: 34.027 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	76.8	115.2
145	31.3	26.5	39.7



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





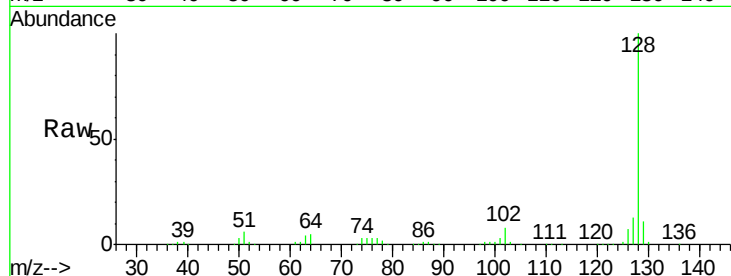
#31
Naphthalene
Concen: 33.890 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

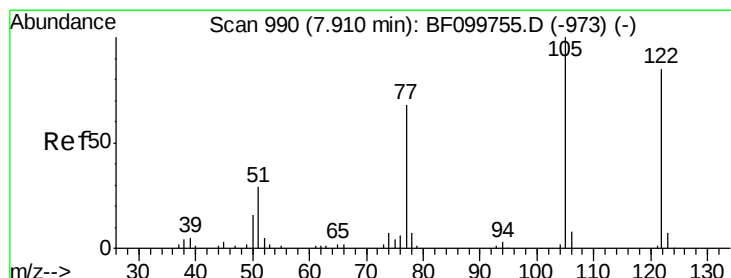
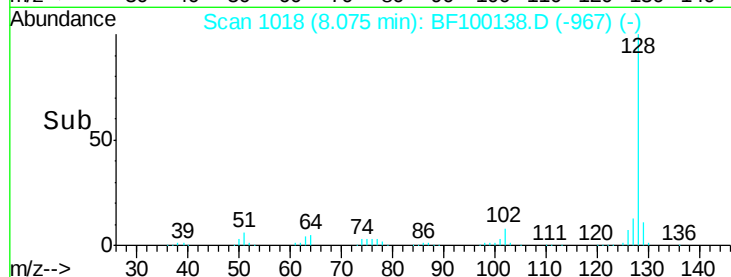
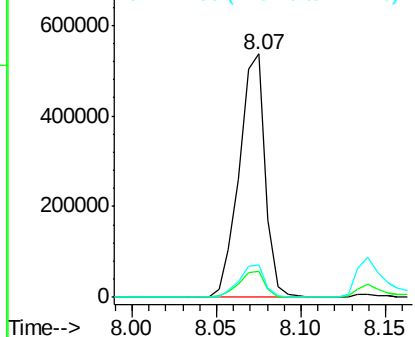
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.8	13.2
127	13.2	10.9	16.3

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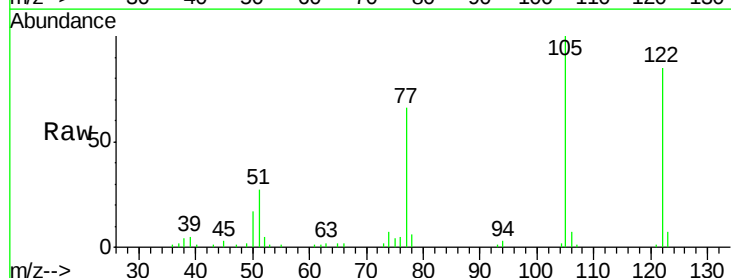


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

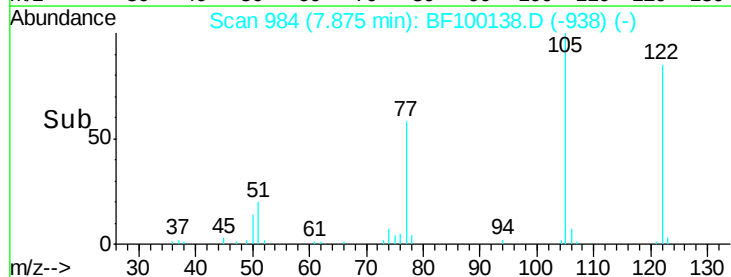
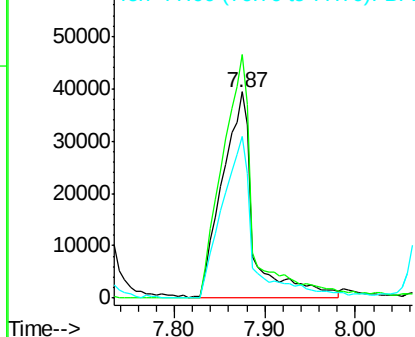


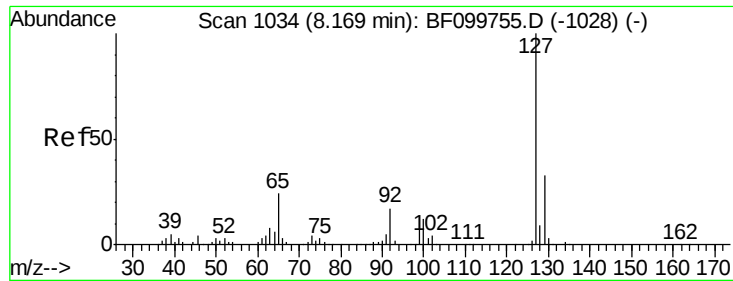
#32
Benzoic acid
Concen: 23.413 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.2	101.1	141.1
77	78.4	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





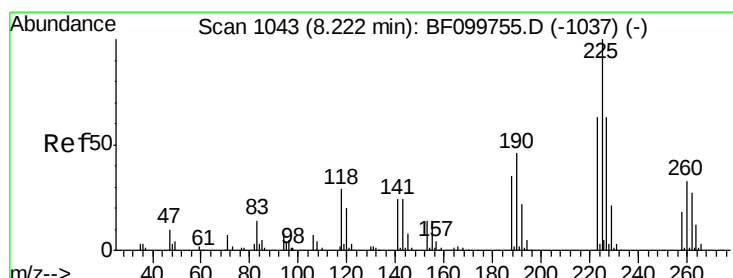
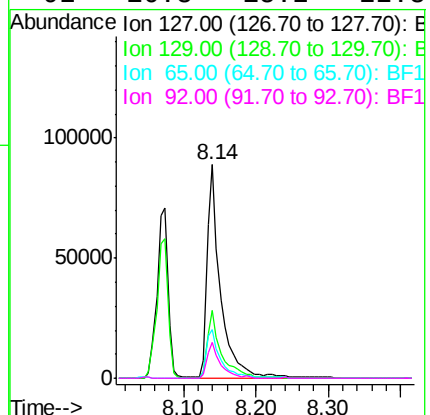
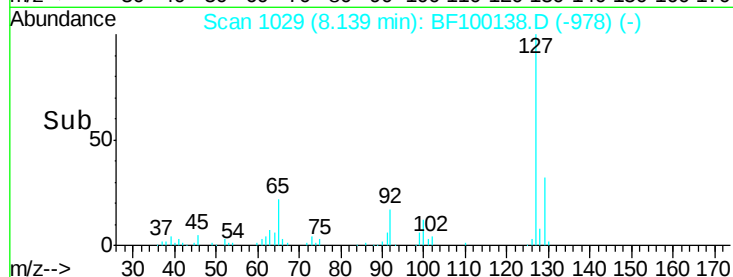
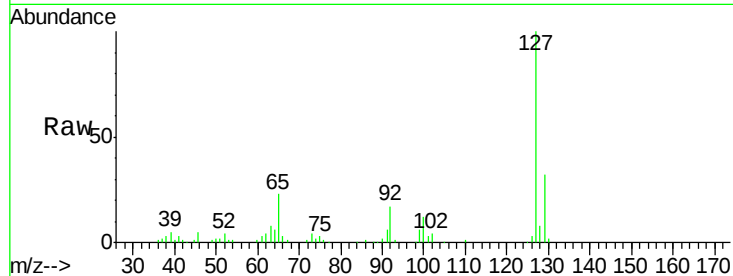
#33
4-Chloroaniline
Concen: 16.431 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	115494		
129	32.0	25.9	38.9	
65	23.0	25.0	37.4	
92	16.8	15.2	22.8	

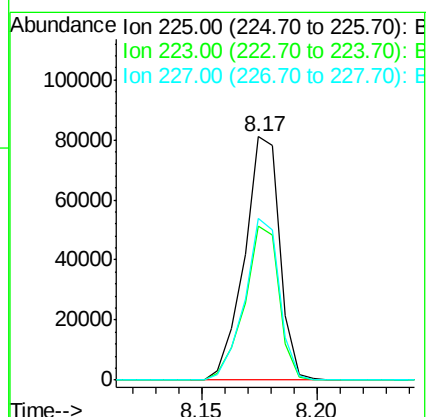
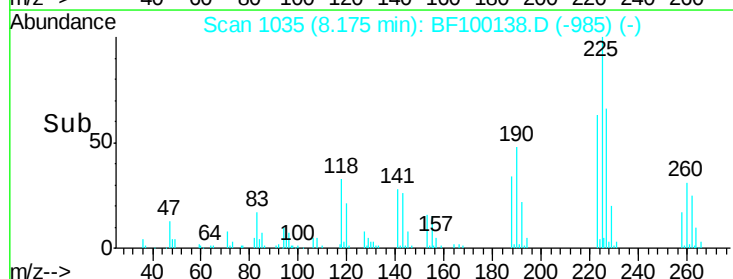
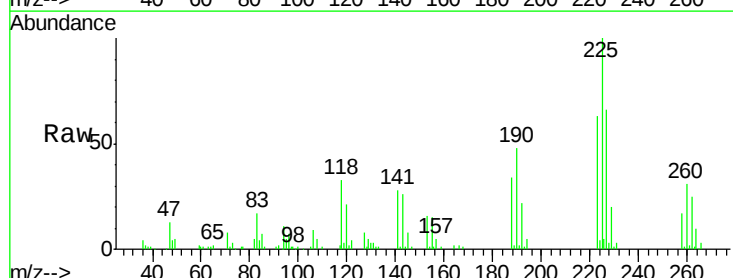
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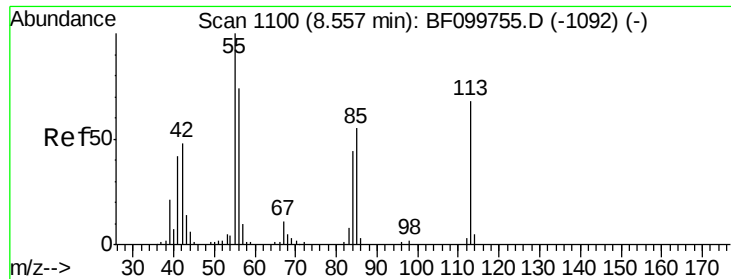
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#34
Hexachlorobutadiene
Concen: 32.579 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86630		
223	63.4	50.6	76.0	
227	66.2	51.9	77.9	





#35

Caprolactam

Concen: 36.154 ng m

RT: 8.52 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

ClientSampleId :

PB103911BS

Tgt Ion:113 Resp: 55010

Ion Ratio Lower Upper

113 100

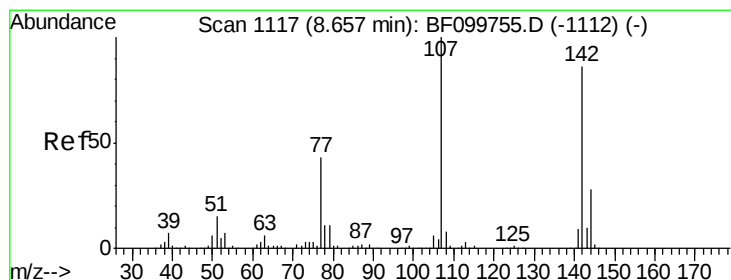
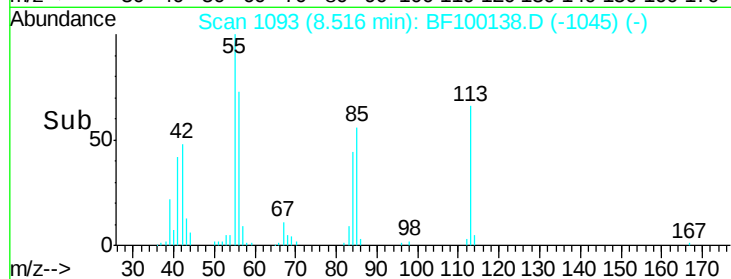
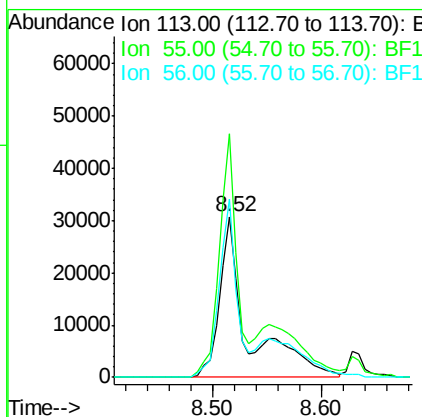
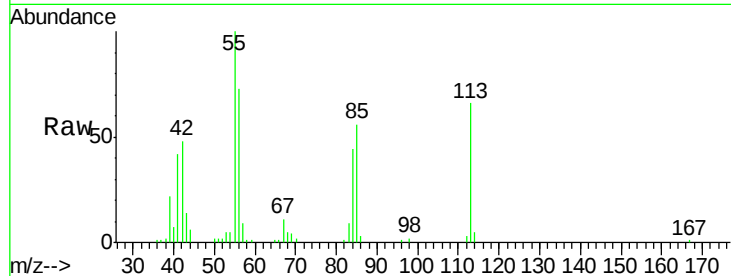
55 151.6 163.3 203.3#

56 111.0 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 35.610 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

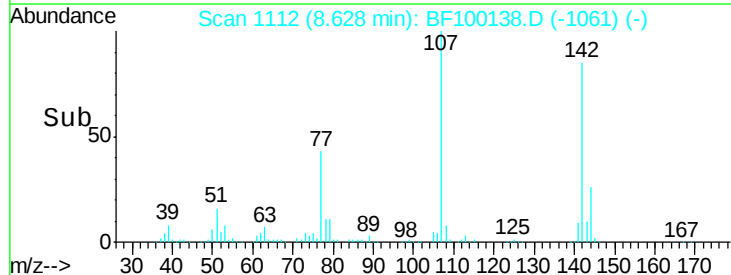
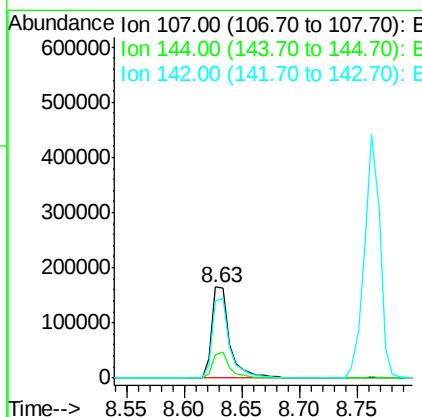
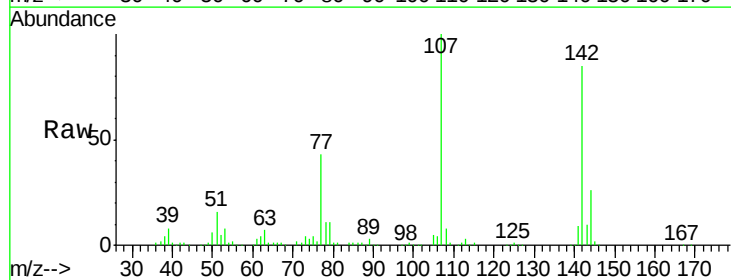
Tgt Ion:107 Resp: 175852

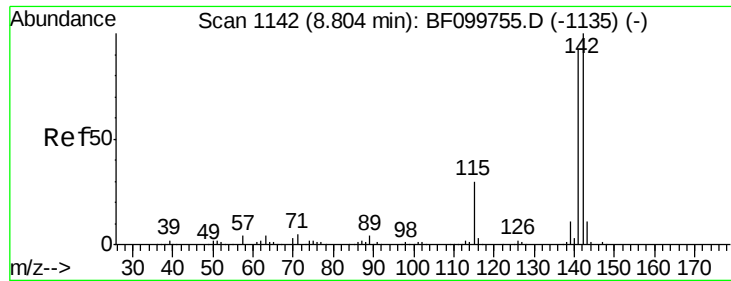
Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

142 84.6 62.0 93.0





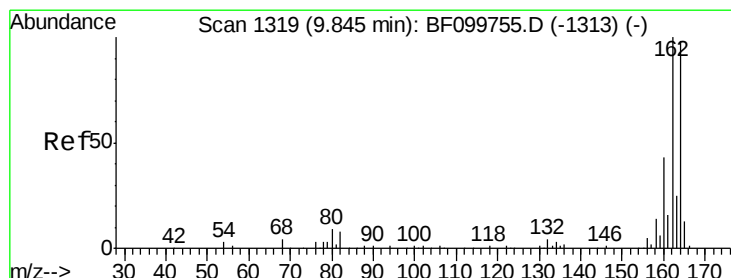
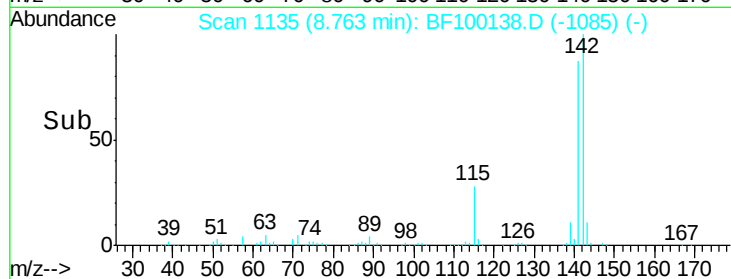
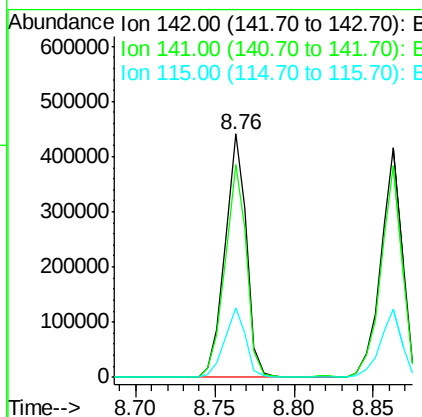
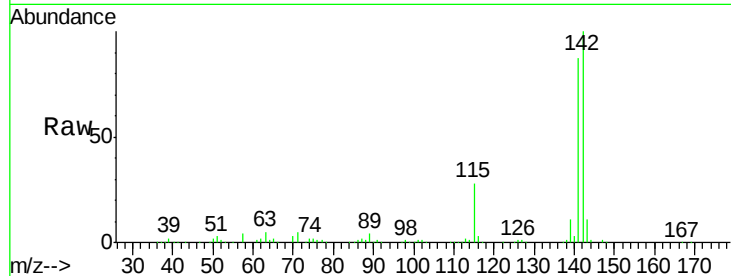
#37
2-Methylnaphthalene
Concen: 36.017 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
115	28.5	26.1	39.1

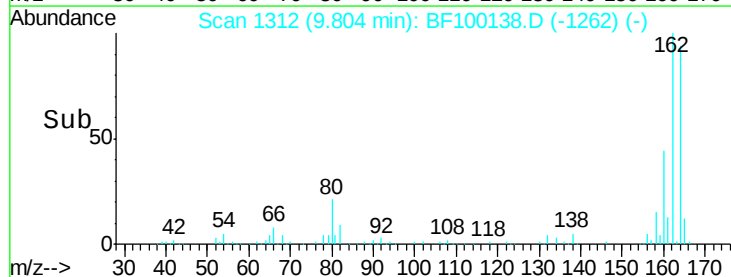
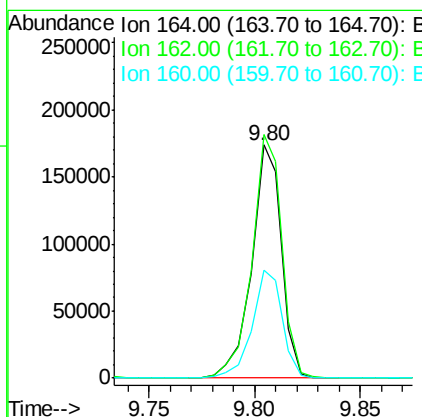
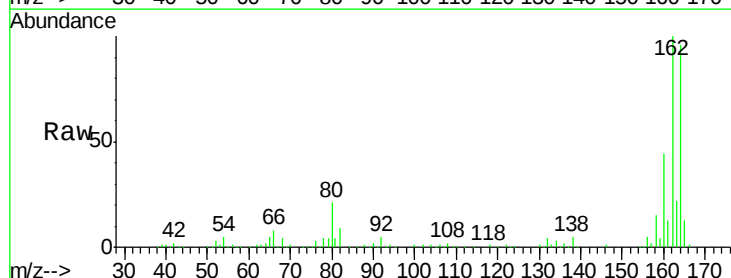
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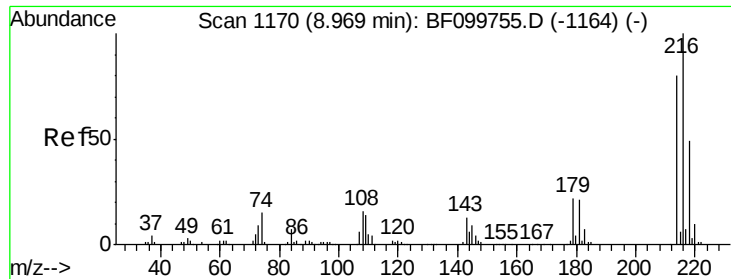
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.2	38.3	57.5





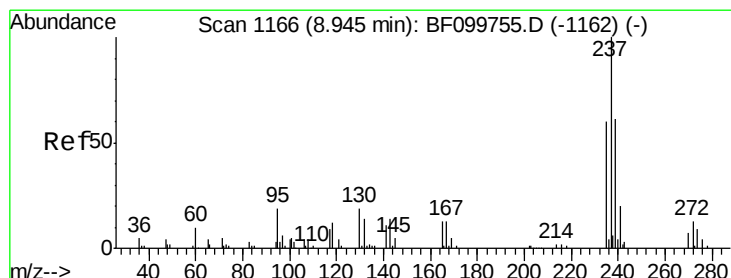
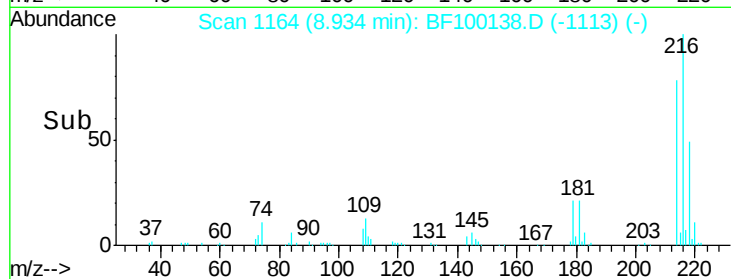
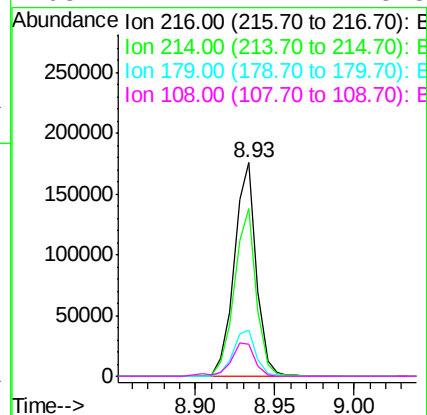
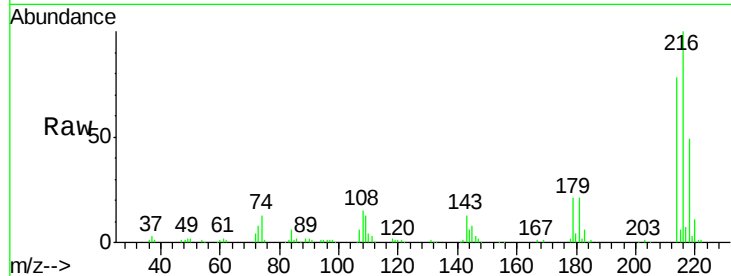
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.798 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	22.0	18.1	27.1
108	17.2	17.2	25.8

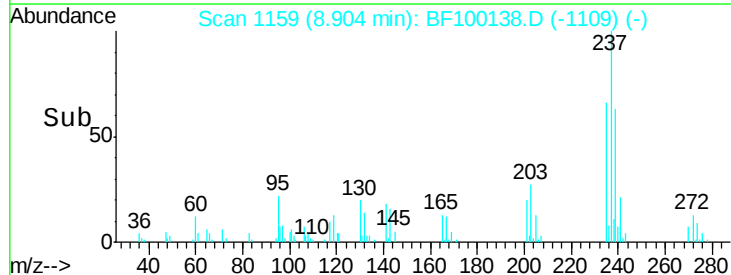
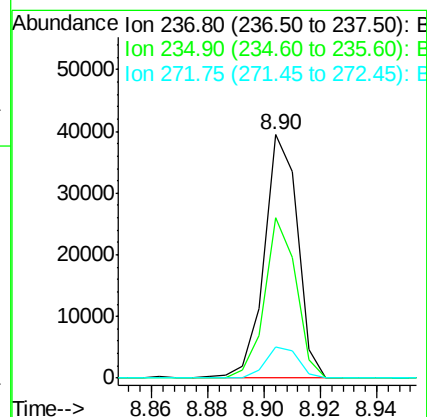
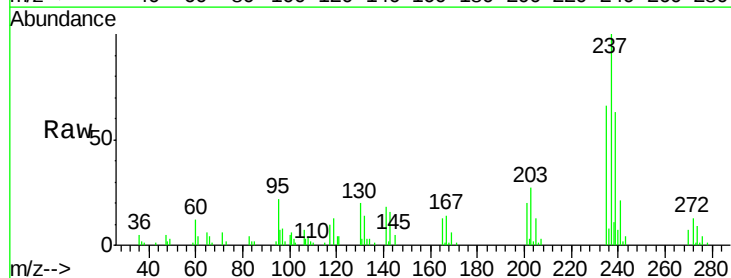
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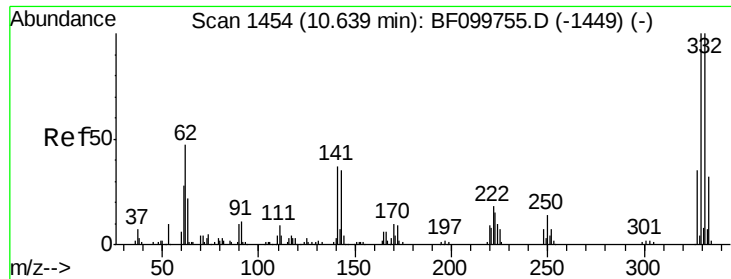
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#40
 Hexachlorocyclopentadiene
 Concen: 39.073 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
237	100		
235	66.1	44.8	84.8
272	12.8	0.0	33.3





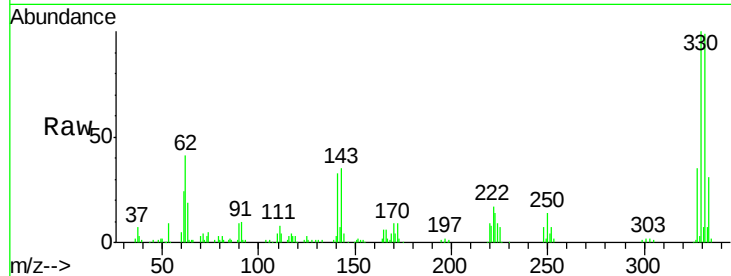
#41
 2,4,6-Tribromophenol
 Concen: 63.138 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampled :
 PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	97648		
332	98.3	77.0	115.6	
141	34.5	29.9	44.9	

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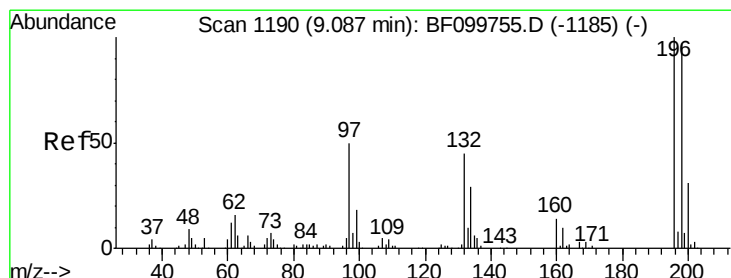
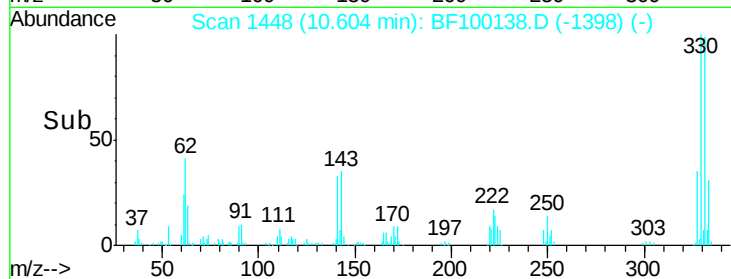
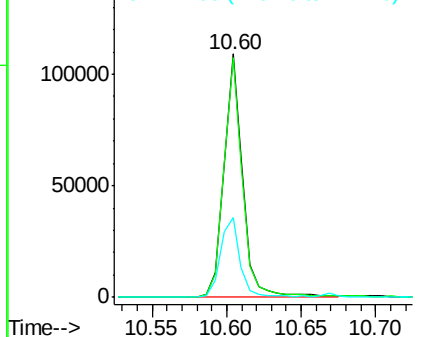


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.892 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

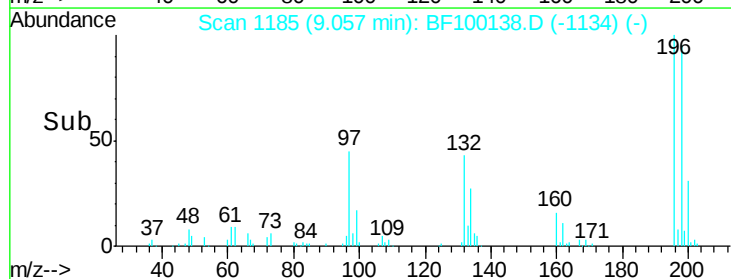
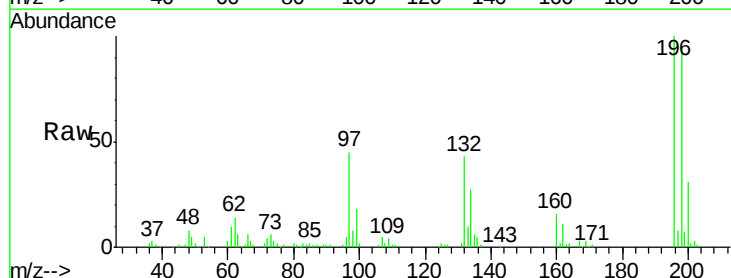
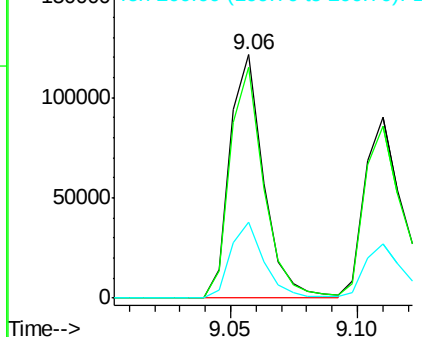
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112369		
198	94.9	75.7	113.5	
200	31.1	24.5	36.7	

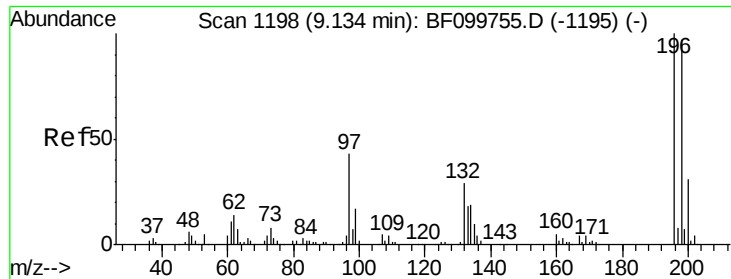
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





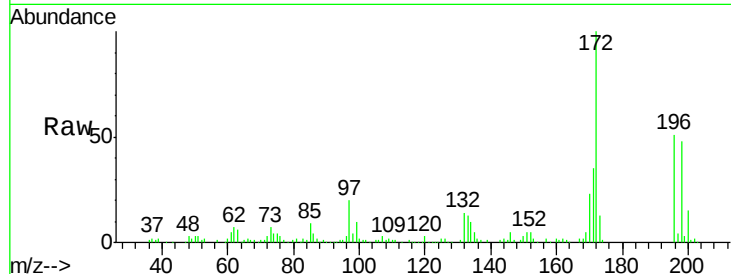
#43
 2,4,5-Trichlorophenol
 Concen: 31.995 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

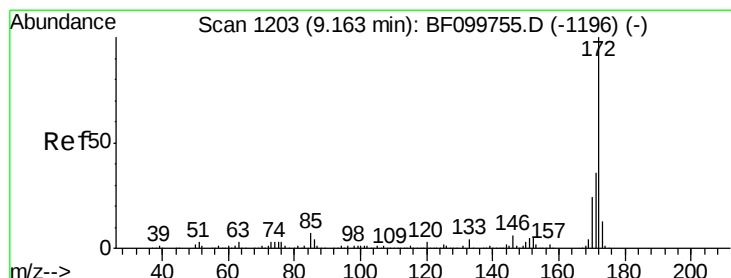
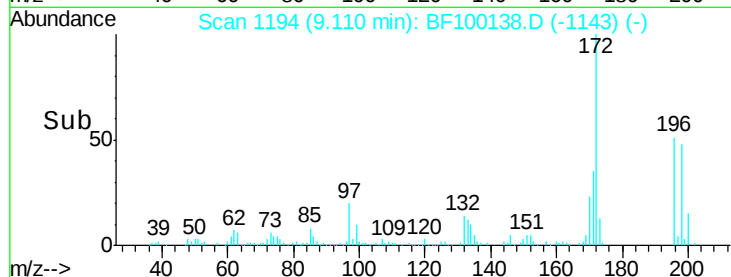
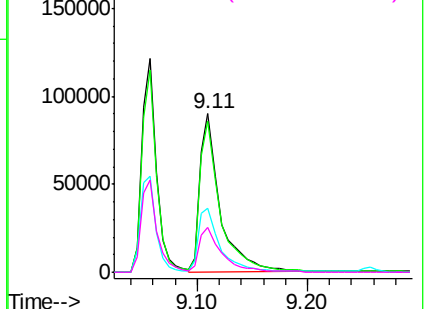
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112569		
198	95.3	74.6	112.0	
97	40.0	42.9	64.3#	
132	28.1	26.3	39.5	

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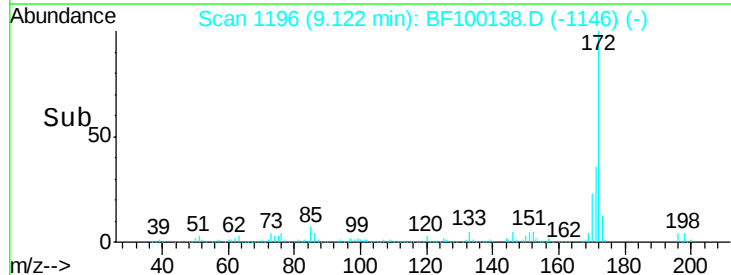
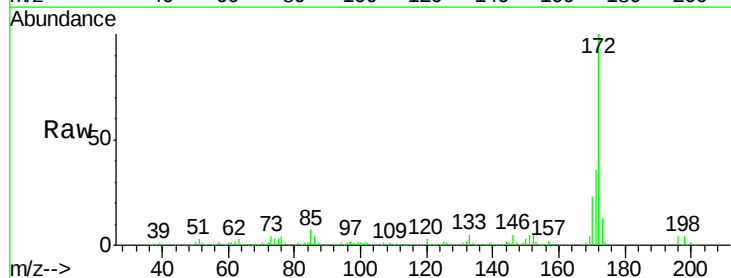
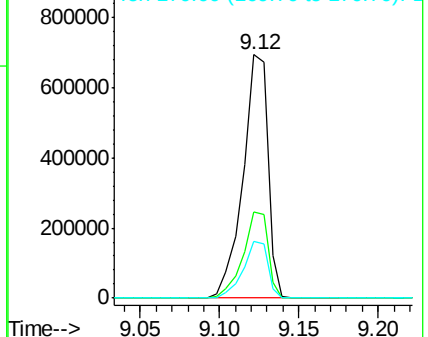
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

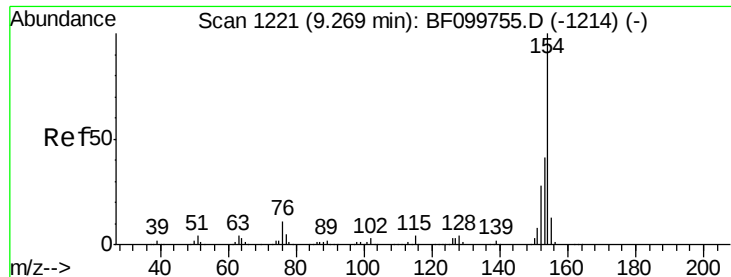


#44
 2-Fluorobiphenyl
 Concen: 68.799 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	756776		
171	35.6	29.7	44.5	
170	23.3	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





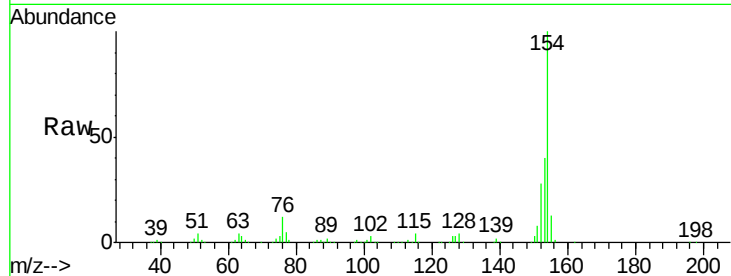
#45
 1,1'-Biphenyl
 Concen: 31.720 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

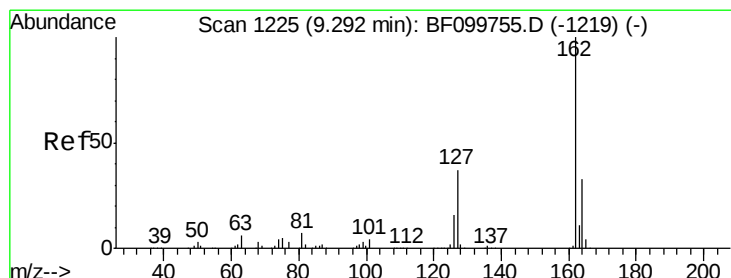
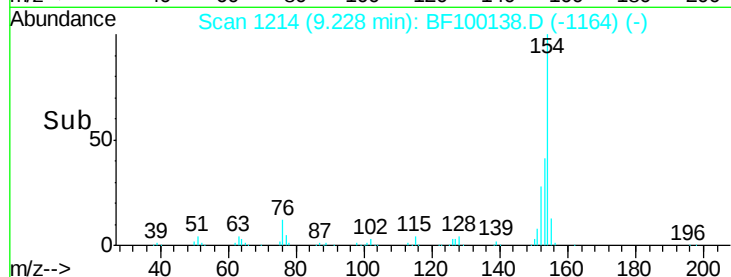
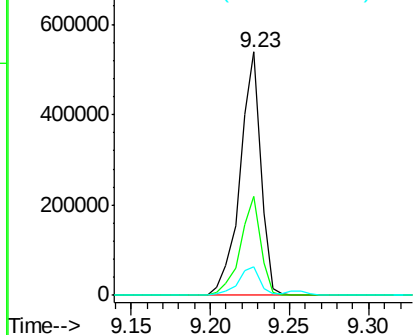
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	11.7	0.0	34.0

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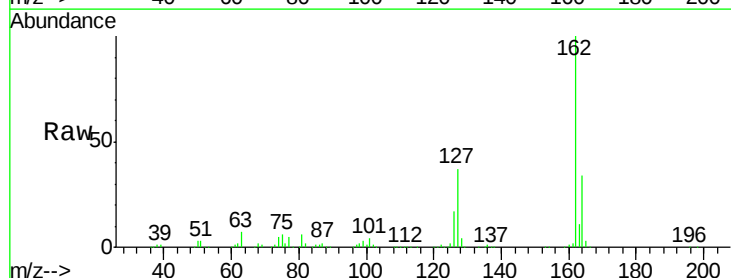


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

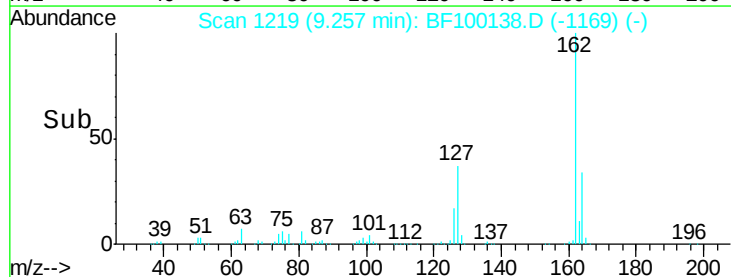
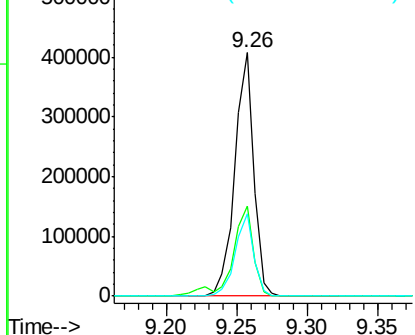


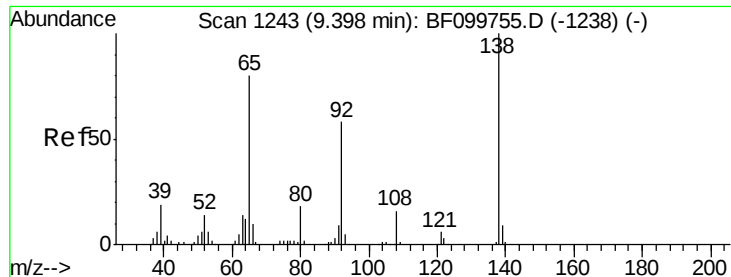
#46
 2-Chloronaphthalene
 Concen: 34.113 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	33.9	50.9
164	33.8	26.5	39.7



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





#47

2-Nitroaniline

Concen: 33.493 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

ClientSampleId :

PB103911BS

Tgt Ion: 65 Resp: 98011

Ion Ratio Lower Upper

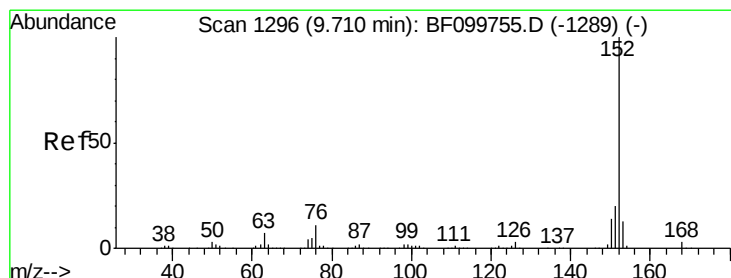
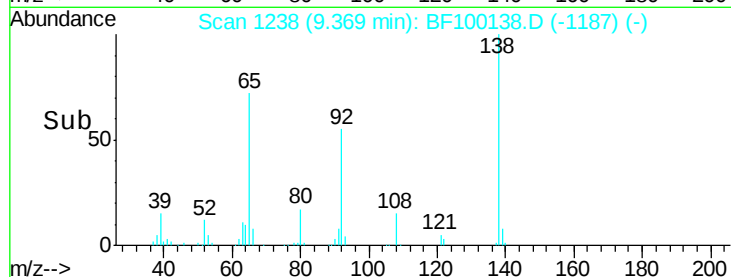
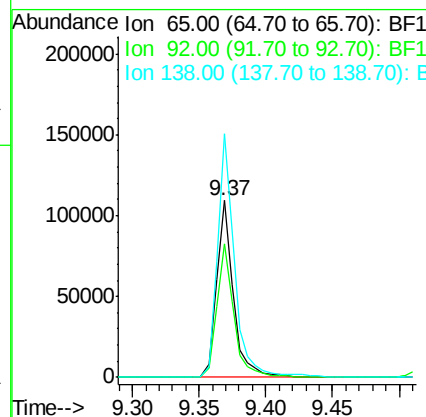
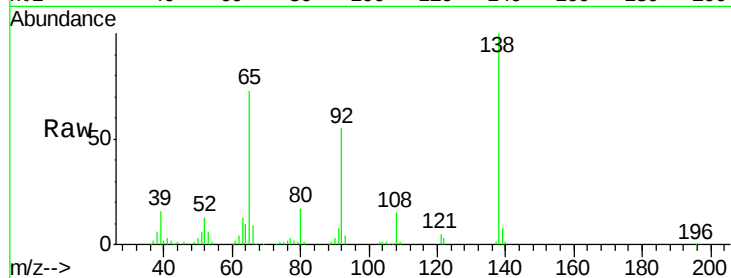
65 100

92 75.4 55.8 83.6

138 137.8 91.2 136.8#

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#48

Acenaphthylene

Concen: 33.066 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

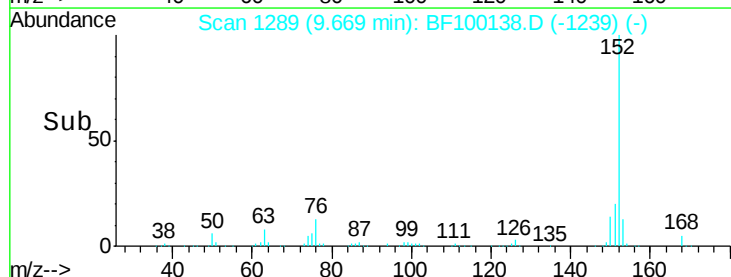
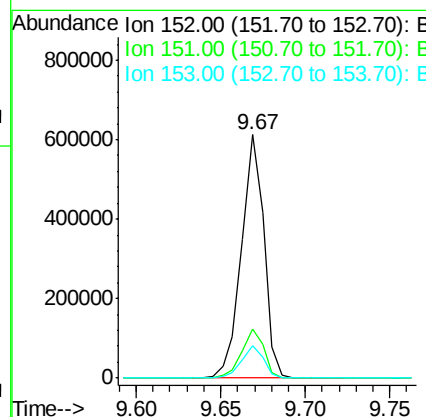
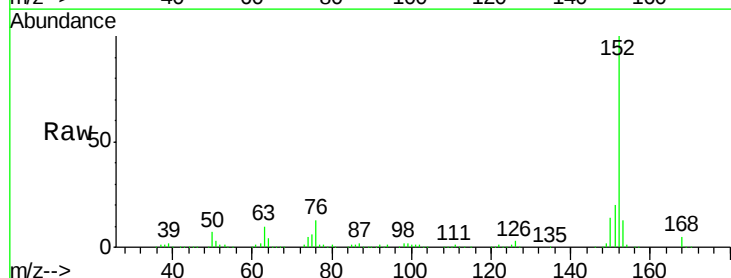
Tgt Ion: 152 Resp: 567839

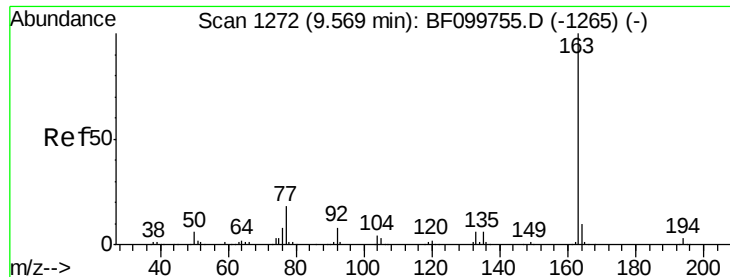
Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 13.2 10.7 16.1





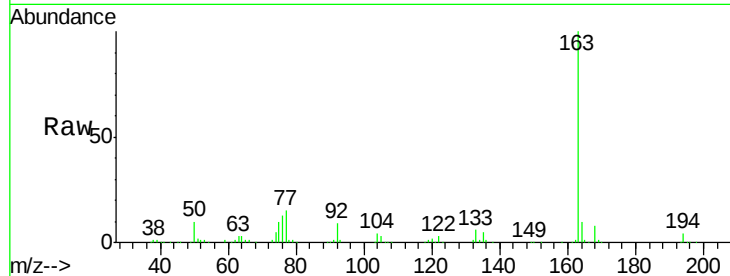
#49
Dimethylphthalate
Concen: 31.830 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

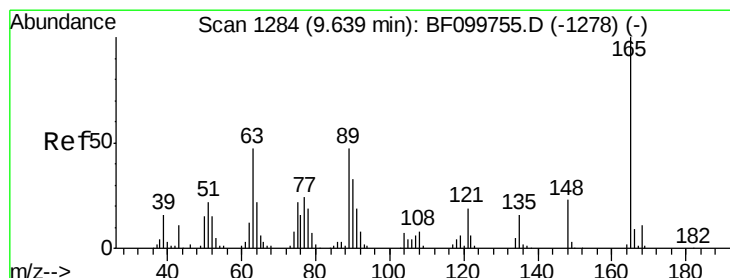
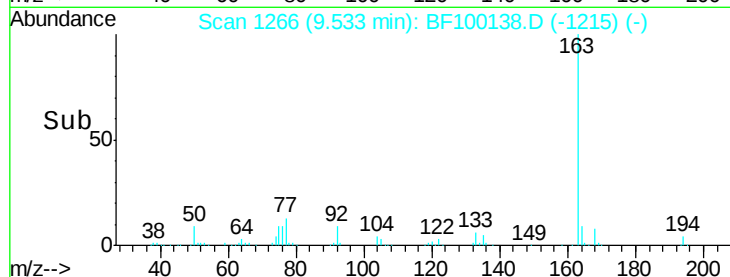
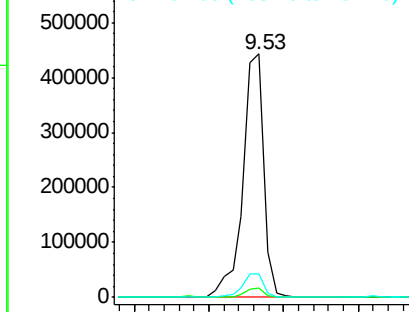
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	427783		
194	3.7	2.7	4.1	
164	9.8	8.2	12.2	

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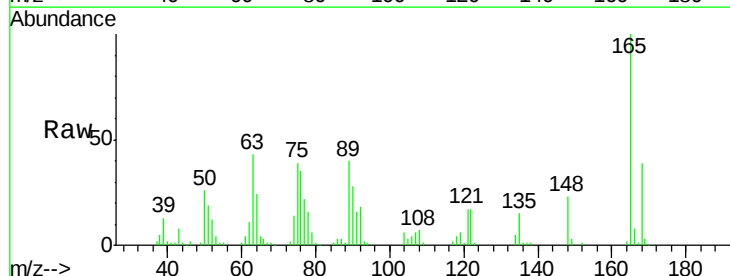


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

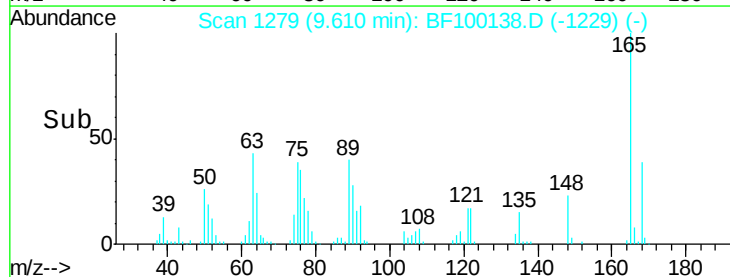
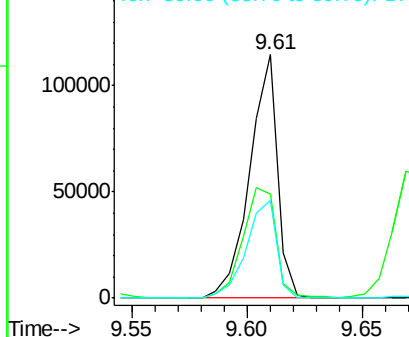


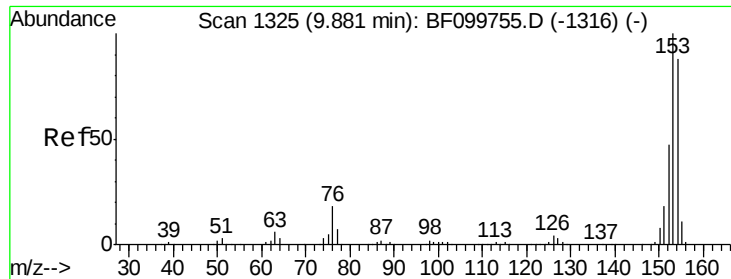
#50
2,6-Dinitrotoluene
Concen: 34.281 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	96855		
63	42.9	44.7	67.1#	
89	40.2	44.0	66.0#	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





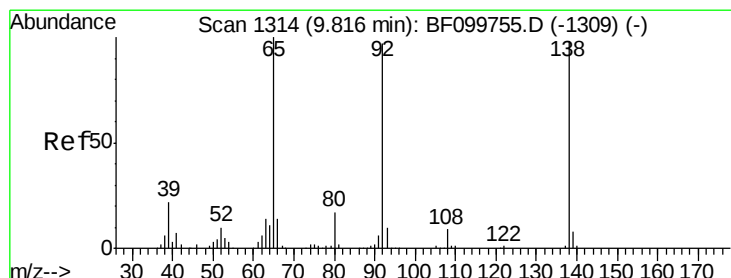
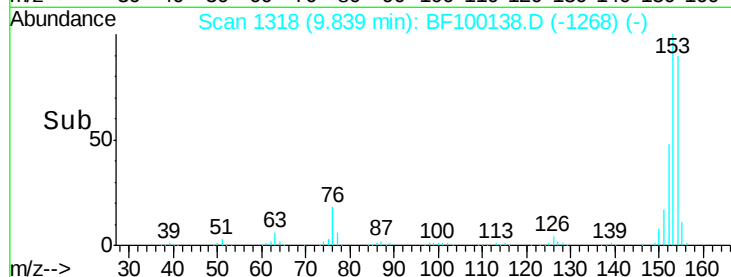
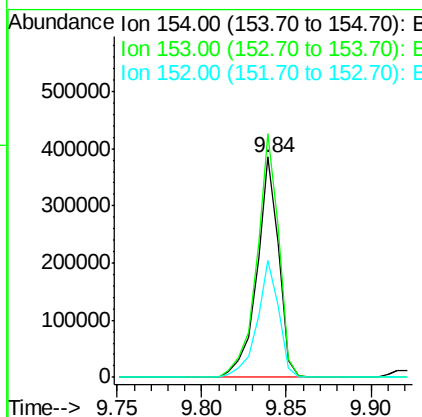
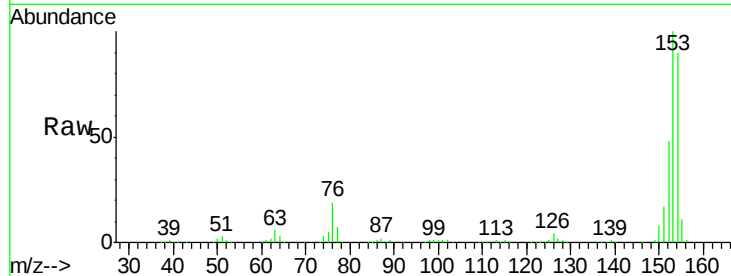
#51
Acenaphthene
Concen: 32.786 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.2	136.8
152	53.1	43.8	65.8

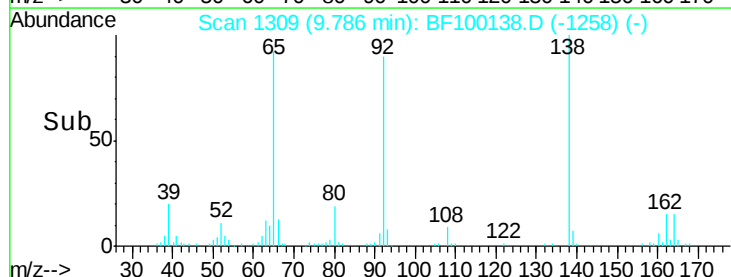
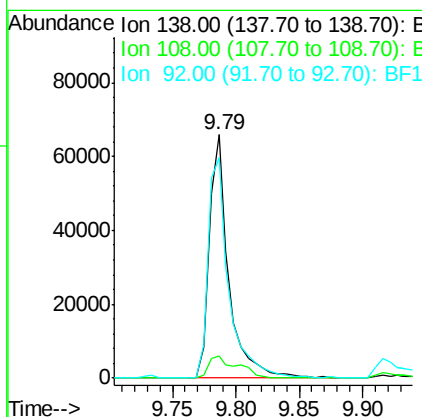
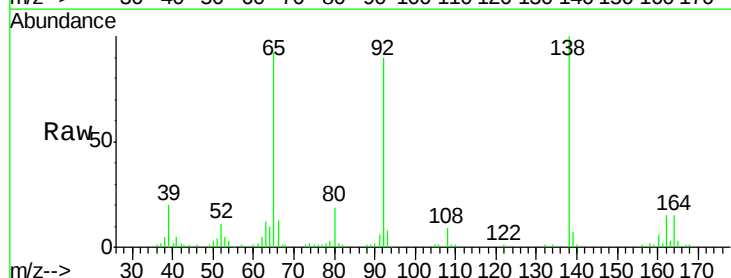
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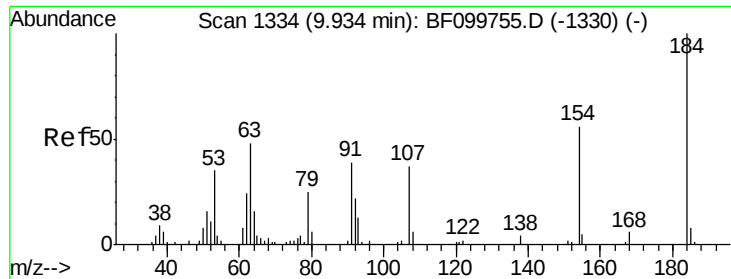
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#52
3-Nitroaniline
Concen: 21.179 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	9.4	14.0#
92	90.4	89.4	134.2





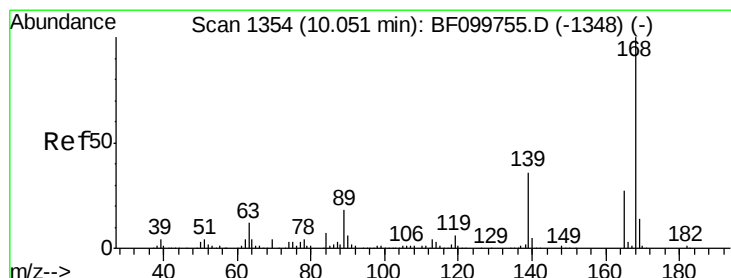
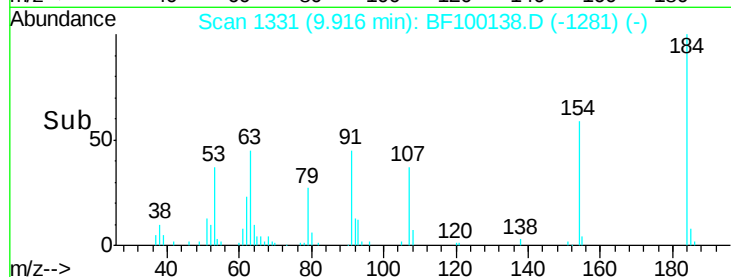
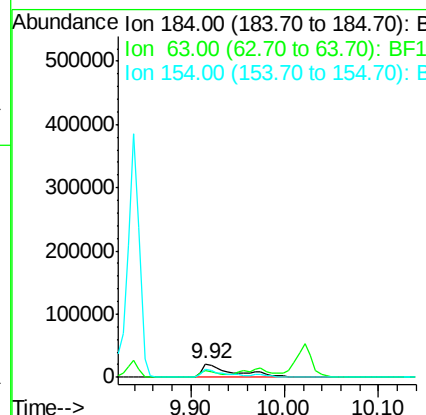
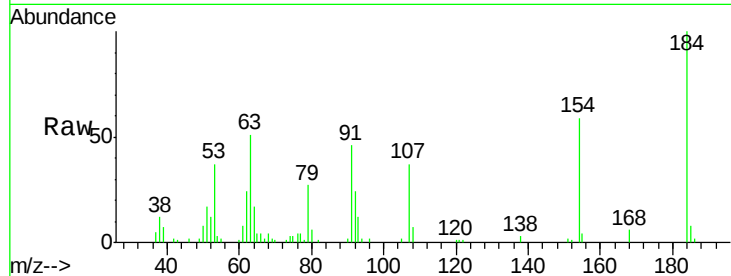
#53
 2,4-Dinitrophenol
 Concen: 48.066 ng m
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	50853		
63	51.3	54.2	81.2#	
154	59.3	53.5	80.3	

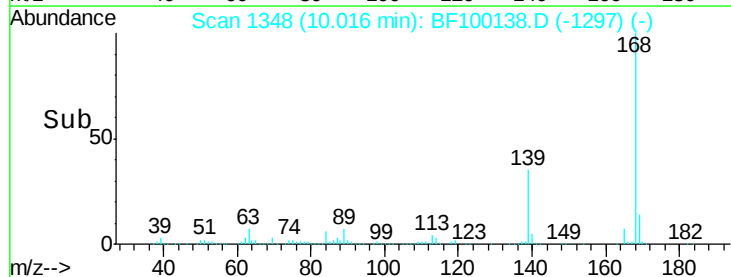
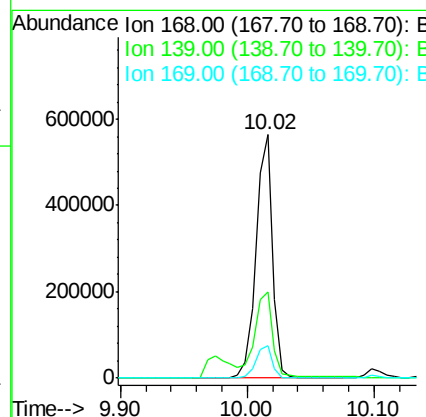
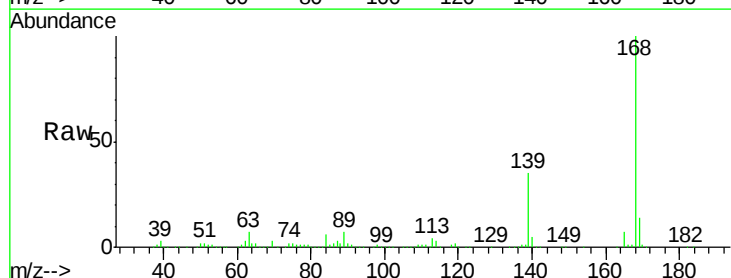
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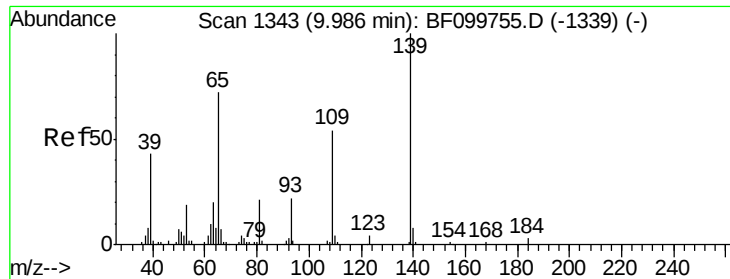
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#54
 Dibenzofuran
 Concen: 34.794 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	515353		
139	35.4	30.1	45.1	
169	13.5	10.9	16.3	





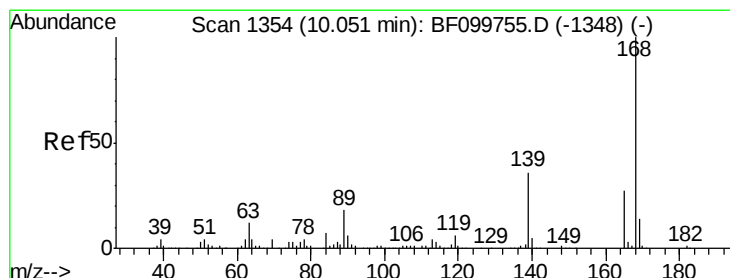
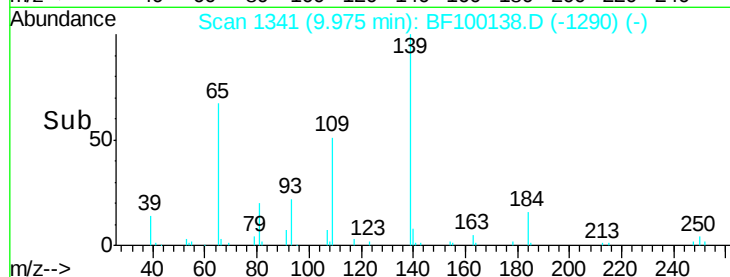
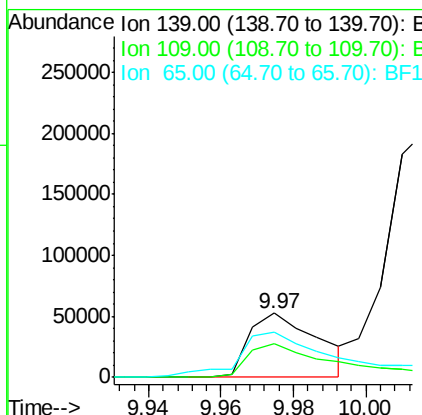
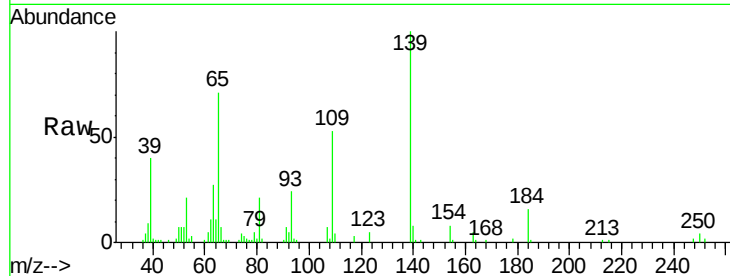
#55
4-Nitrophenol
Concen: 39.448 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	52.6	48.4	88.4
65	70.6	72.6	112.6

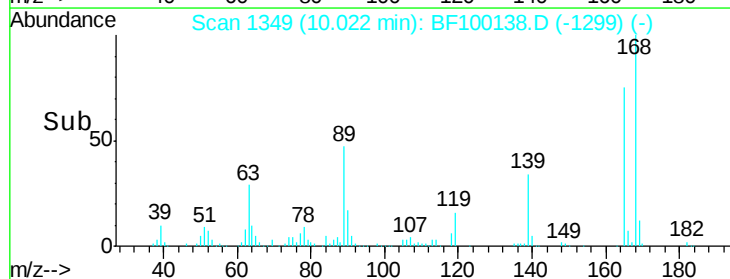
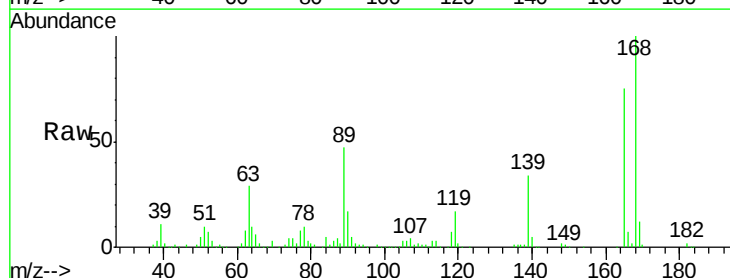
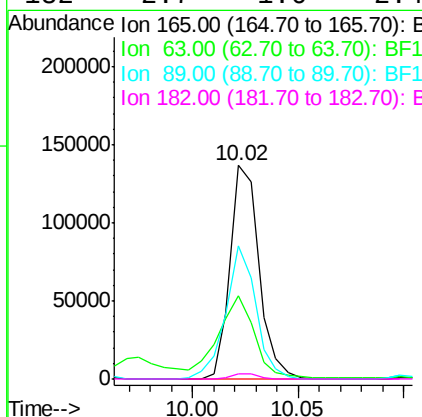
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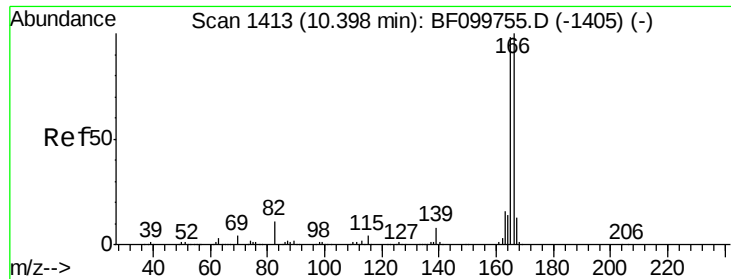
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#56
2,4-Dinitrotoluene
Concen: 37.938 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.7	36.4	54.6
89	62.5	57.8	86.6
182	2.7	1.6	2.4





#57

Fluorene

Concen: 33.721 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

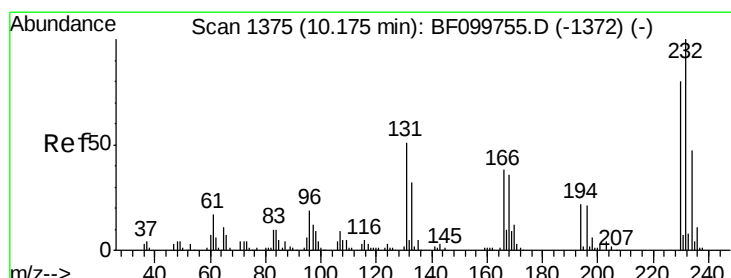
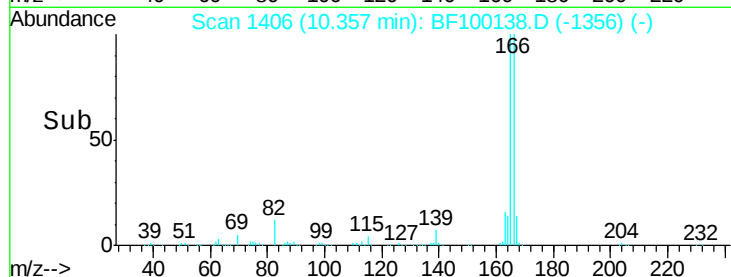
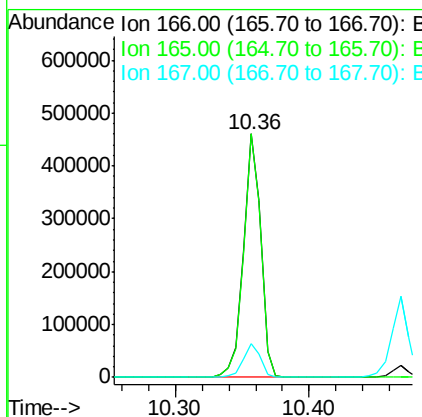
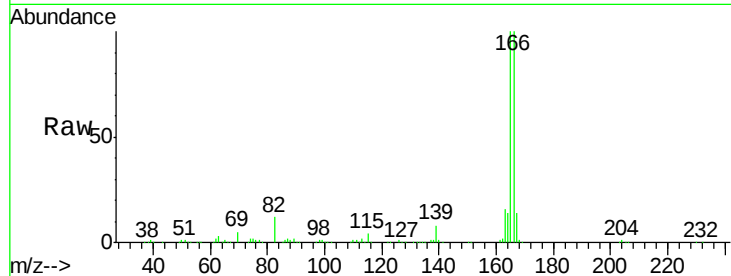
ClientSampleId :

PB103911BS

Tgt Ion:	166	Resp:	413539
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.8	119.8
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.972 ng

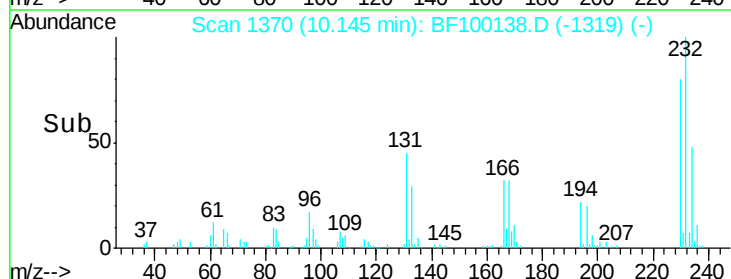
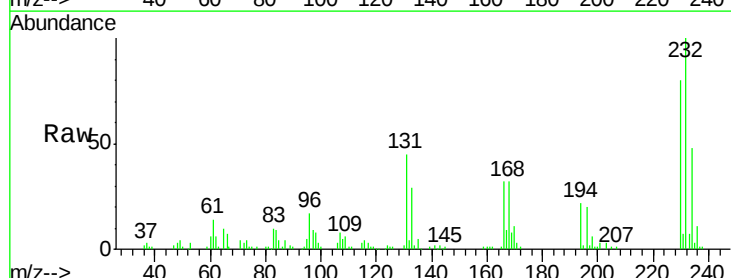
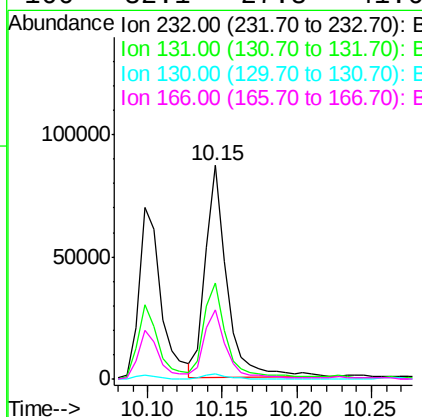
RT: 10.15 min Scan# 1370

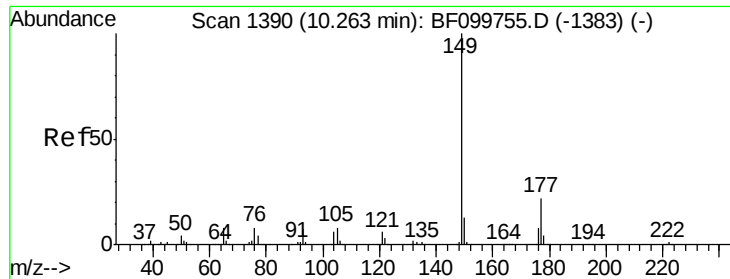
Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Tgt Ion:	232	Resp:	86269
Ion Ratio	Lower	Upper	
232	100		
131	46.0	43.8	65.8
130	2.4	2.1	3.1
166	32.1	27.8	41.6





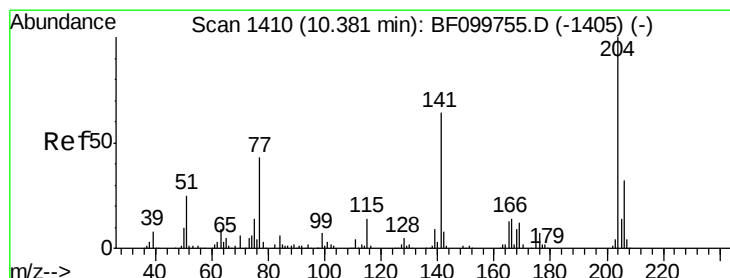
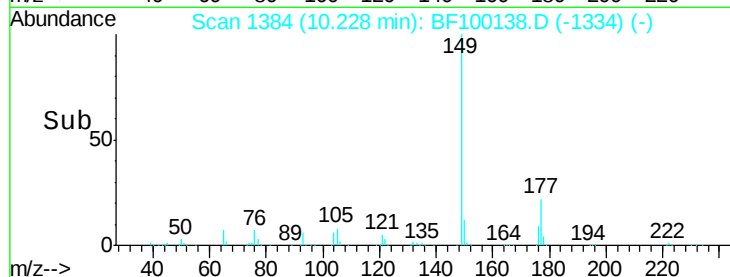
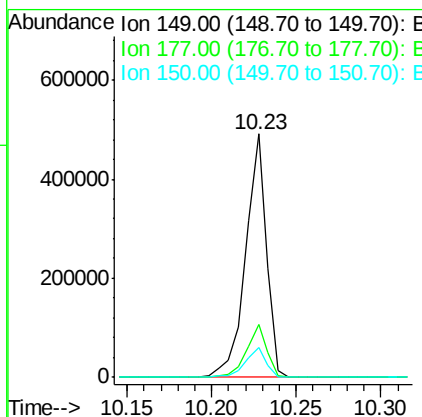
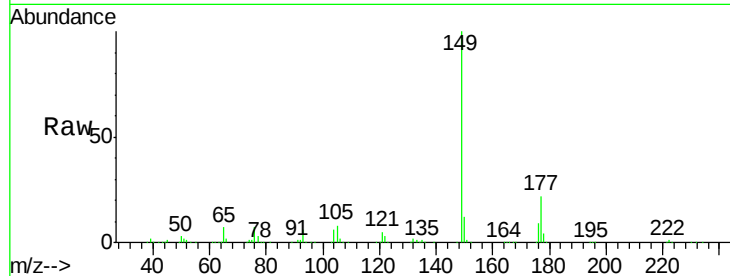
#59
Diethylphthalate
Concen: 32.429 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.5	10.1	15.1

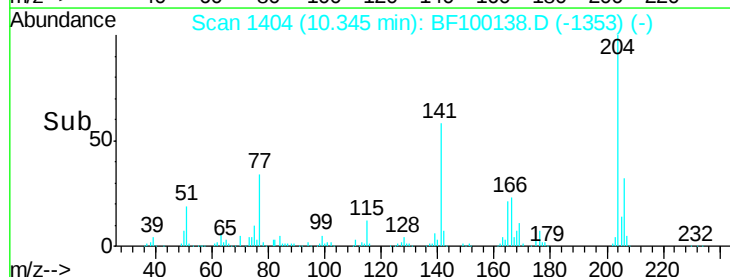
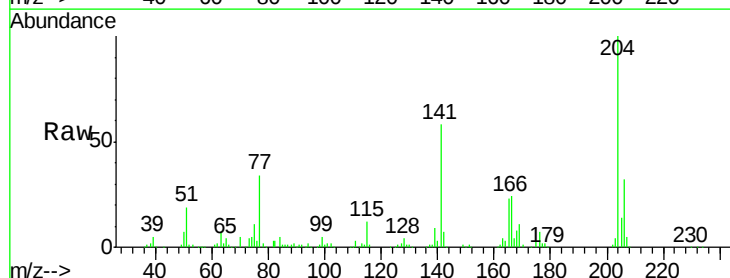
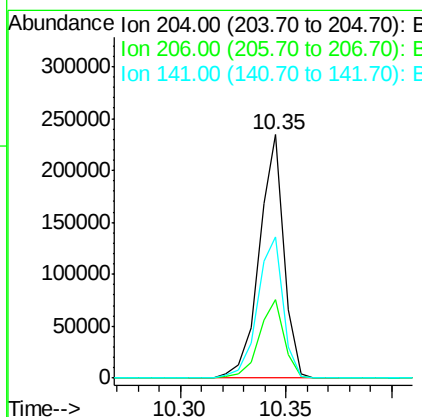
Manual Integrations
APPROVED

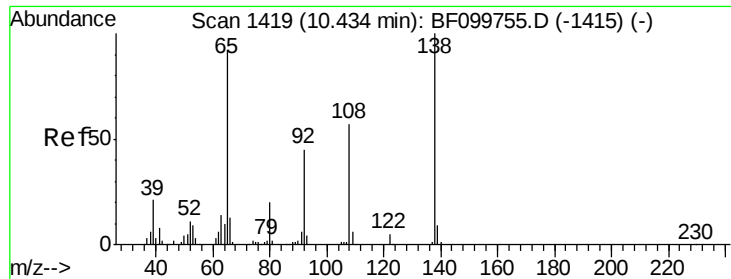
Sohil
11/4/2017 2:18:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.993 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	58.0	54.6	81.8





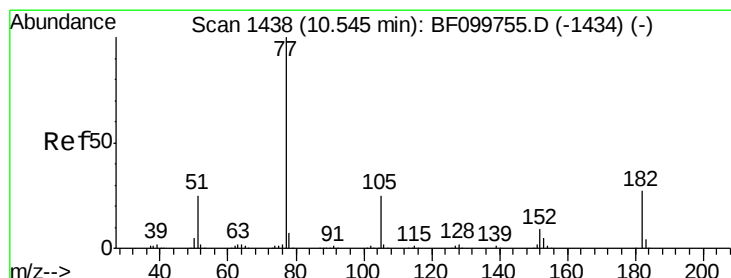
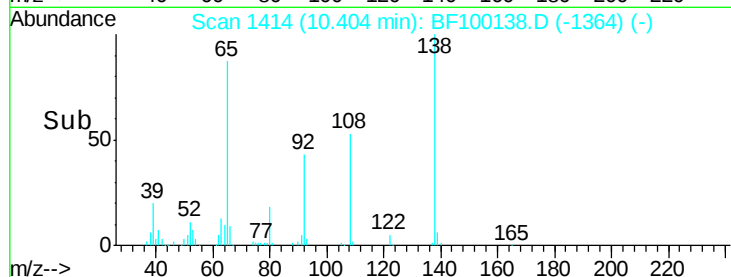
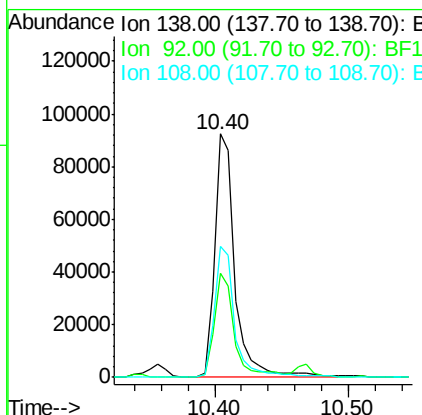
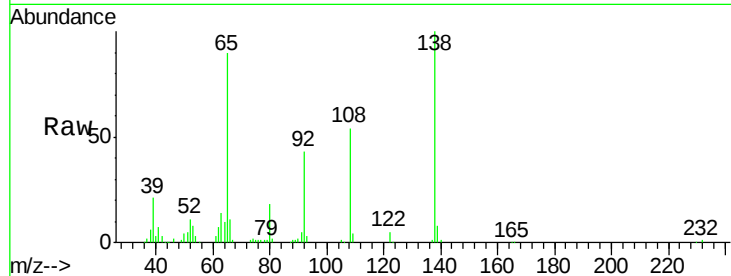
#61
4-Nitroaniline
Concen: 31.060 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.6	30.2	70.2
108	53.5	52.5	92.5

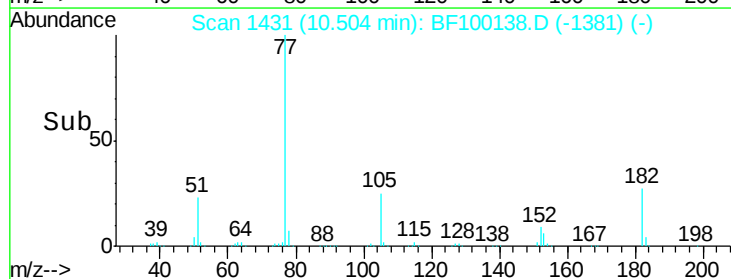
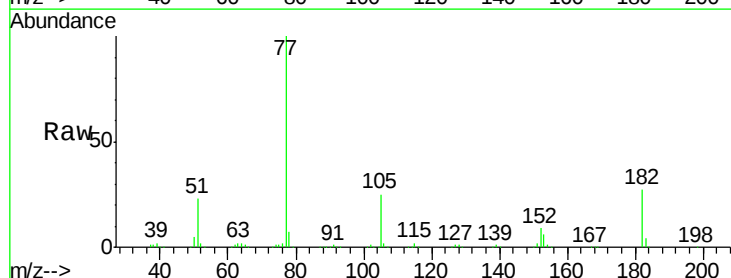
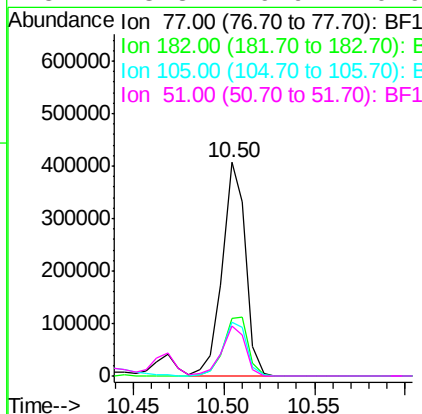
Manual Integrations
APPROVED

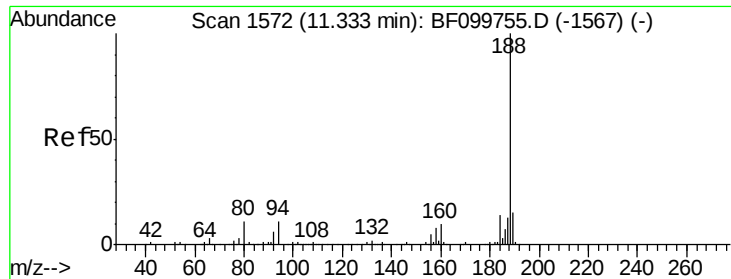
Sohil
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#62
Azobenzene
Concen: 32.901 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	1.7	41.7
105	25.5	3.0	43.0
51	23.3	9.9	49.9





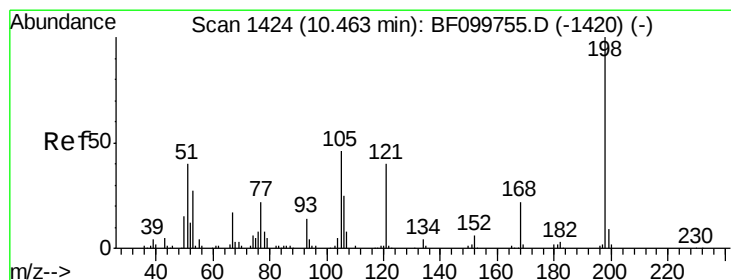
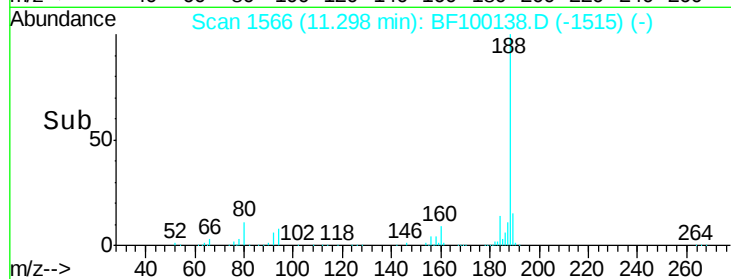
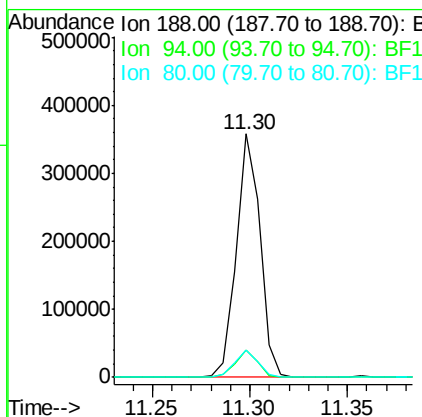
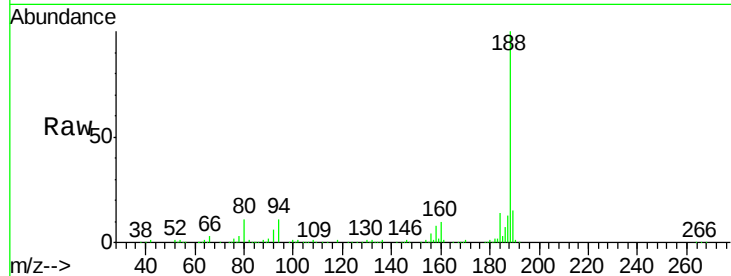
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.1	8.5	12.7
80	11.3	9.2	13.8

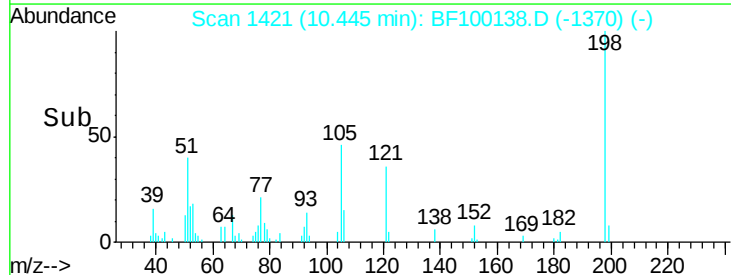
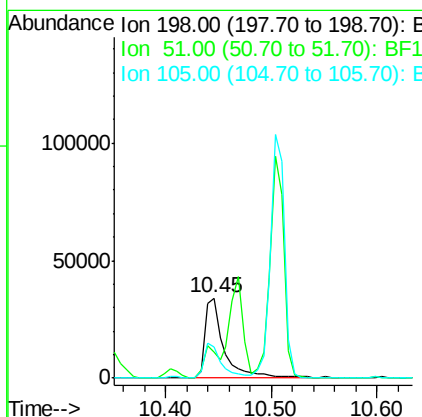
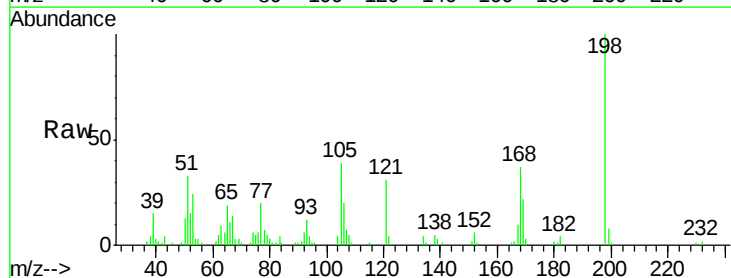
Manual Integrations
APPROVED

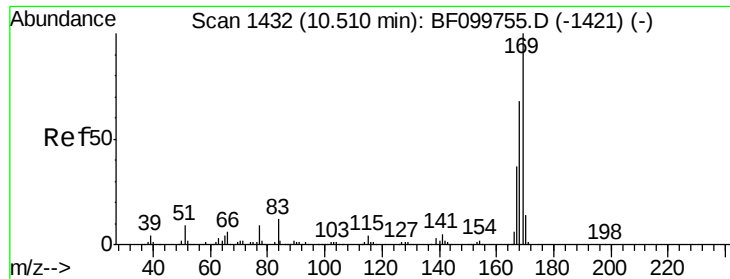
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.389 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	33.0	37.7	77.7#
105	38.6	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 32.697 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

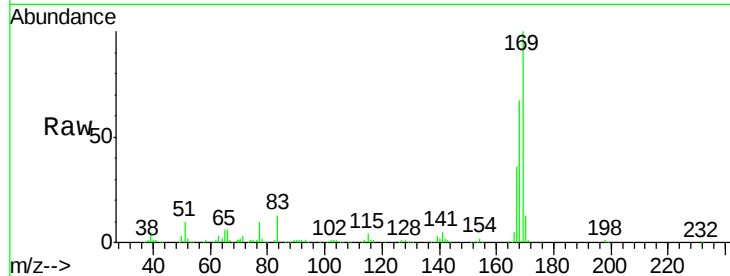
ClientSampleId :

PB103911BS

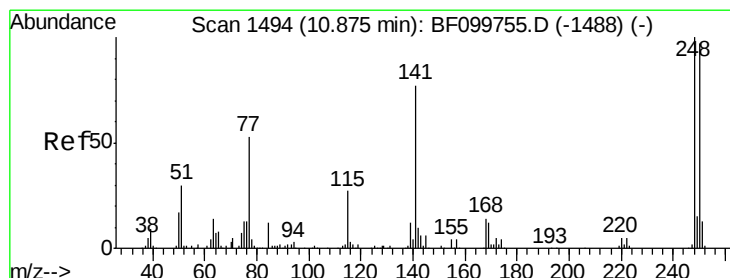
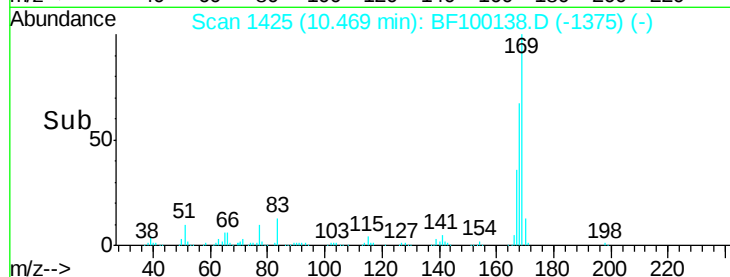
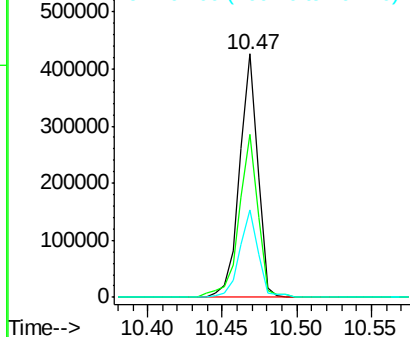
Tgt Ion:	169	Resp:	363991
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.4	81.6
167	35.8	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 34.875 ng

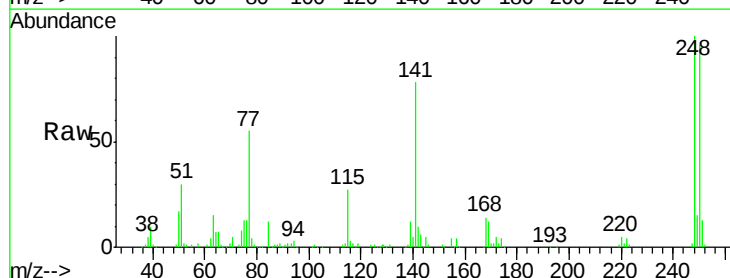
RT: 10.83 min Scan# 1487

Delta R.T. 0.00 min

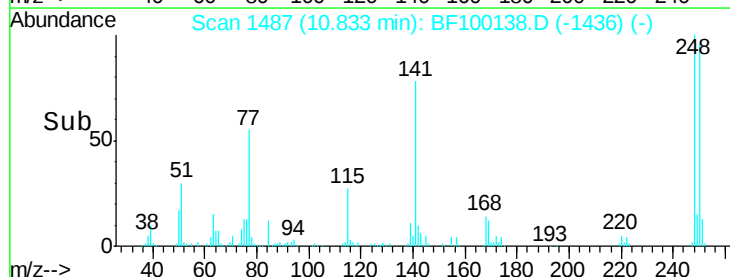
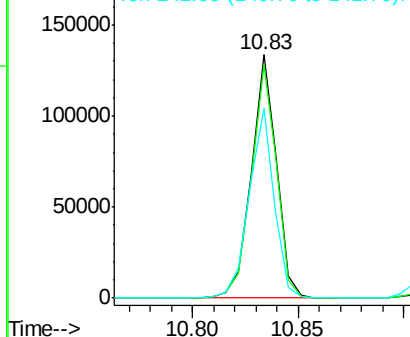
Lab File: BF100138.D

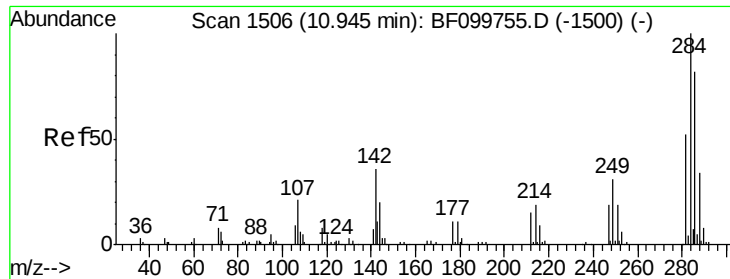
Acq: 3 Nov 2017 16:56

Tgt Ion:	248	Resp:	110720
Ion Ratio	Lower	Upper	
248	100		
250	96.1	76.9	115.3
141	78.2	74.4	111.6



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





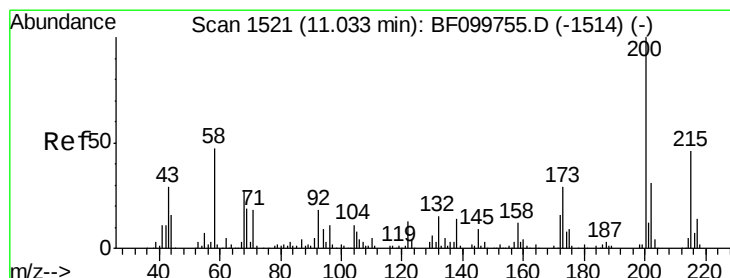
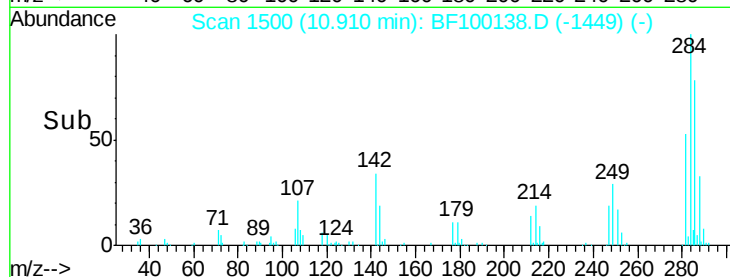
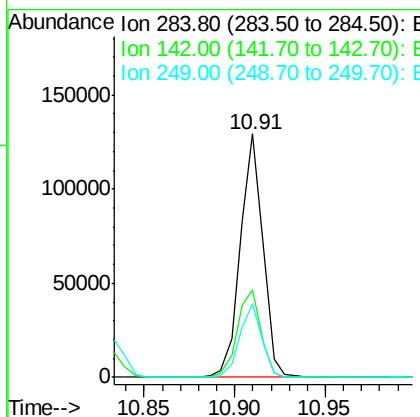
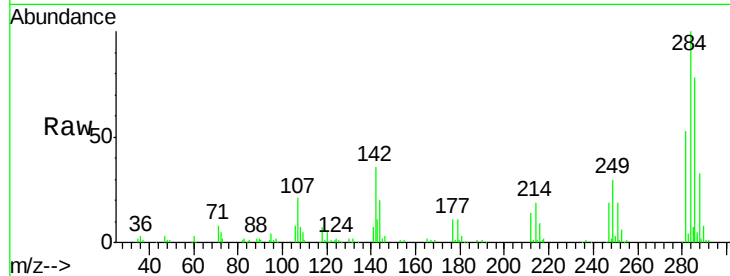
#67
Hexachlorobenzene
Concen: 34.333 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	111511		
142	36.0	34.6	52.0	
249	30.4	24.8	37.2	

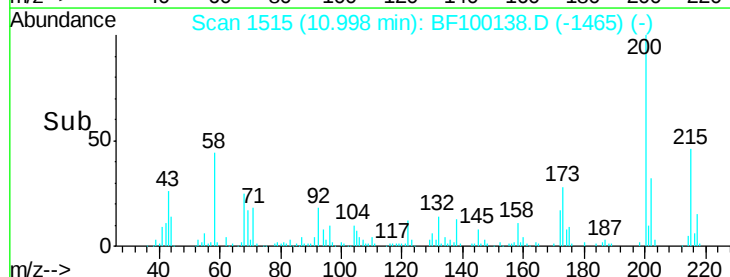
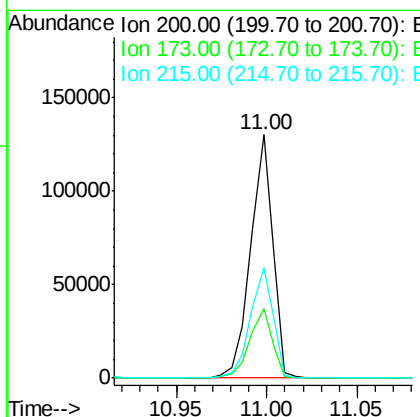
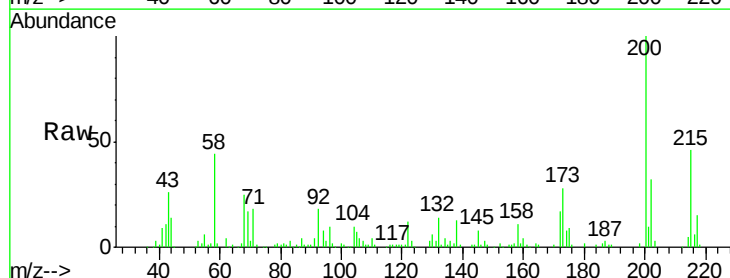
Manual Integrations
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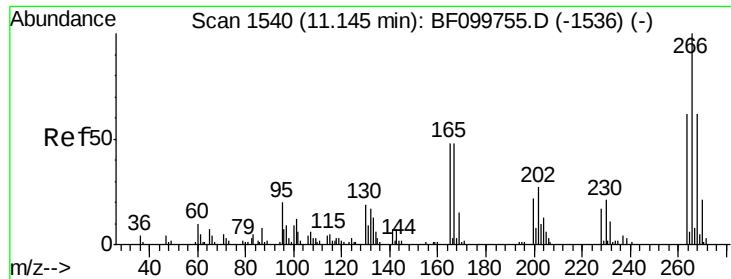
Sohil
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#68
Atrazine
Concen: 33.272 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	111261		
173	28.4	8.6	48.6	
215	45.5	25.1	65.1	





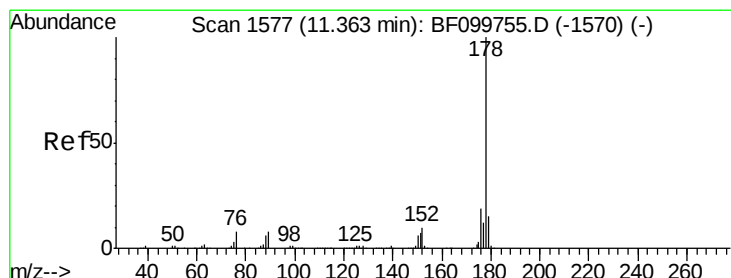
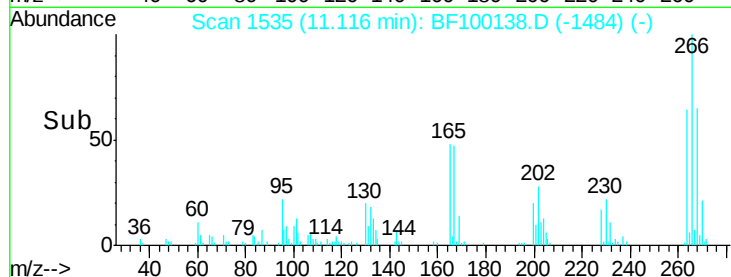
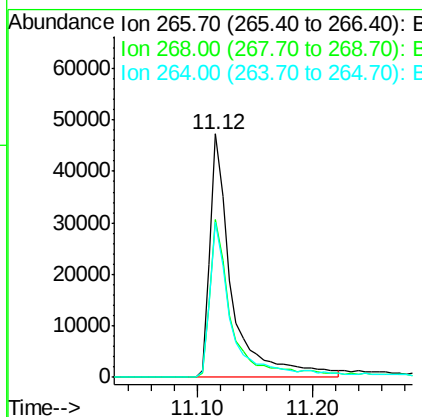
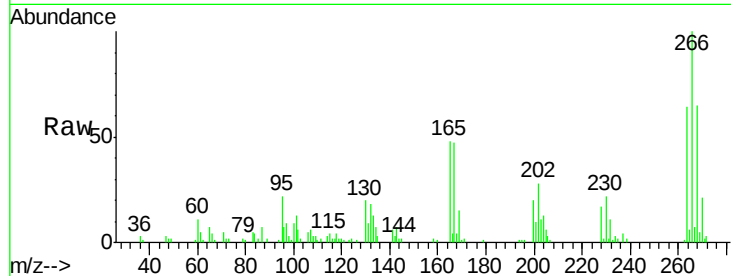
#69
 Pentachlorophenol
 Concen: 45.251 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	63.9	49.5	74.3

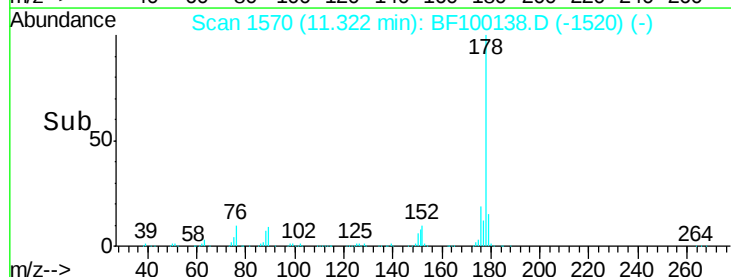
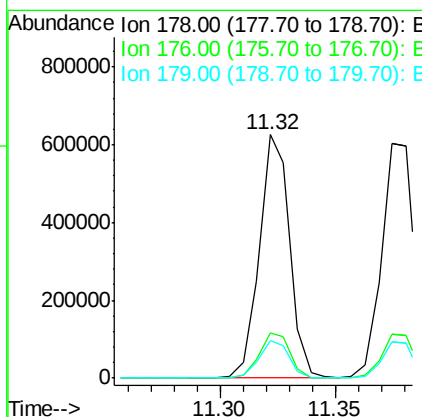
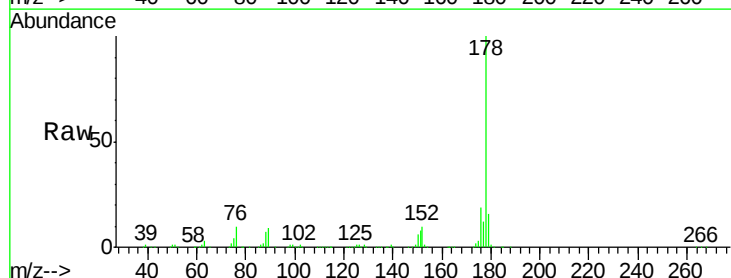
Manual Integrations
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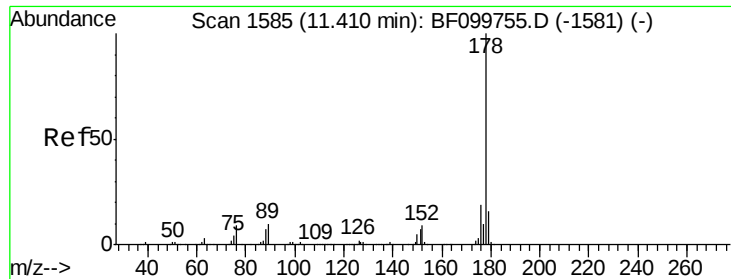
Sohil
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#70
 Phenanthrene
 Concen: 33.585 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.6	13.0	19.6





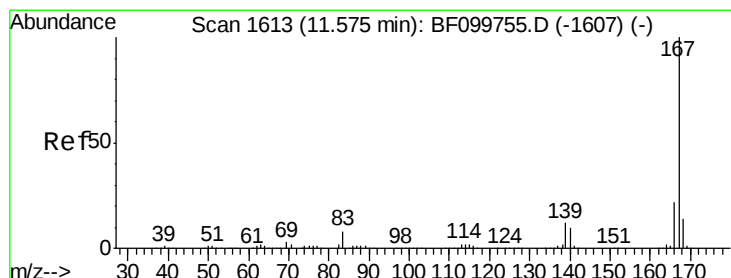
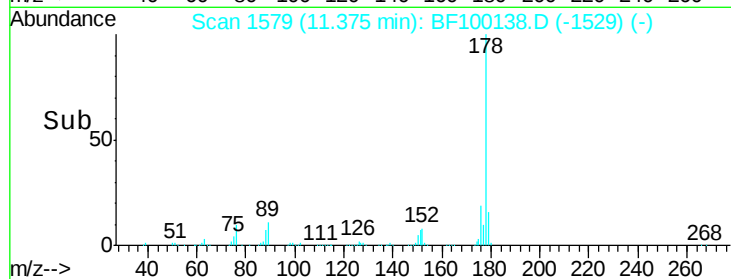
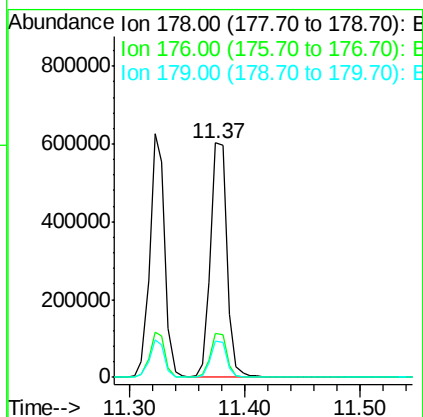
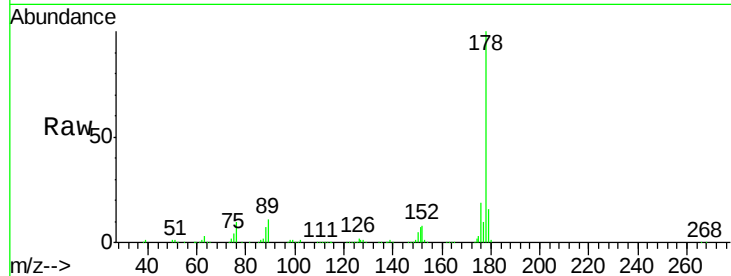
#71
 Anthracene
 Concen: 34.787 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	19.0

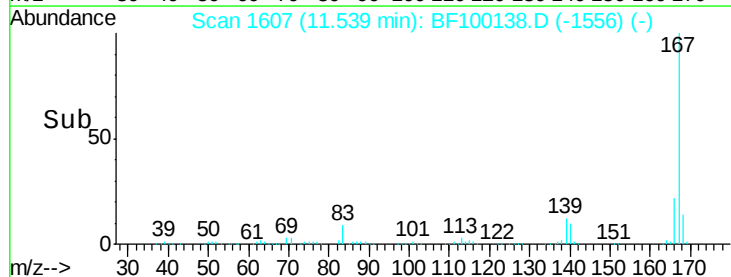
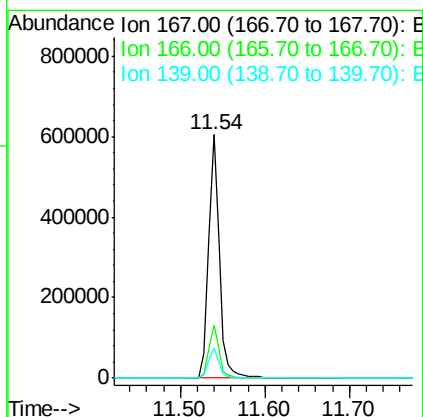
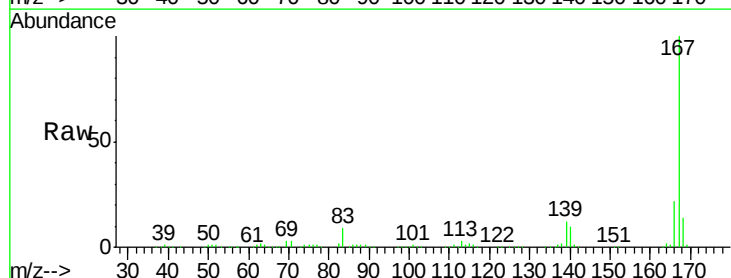
Manual Integrations
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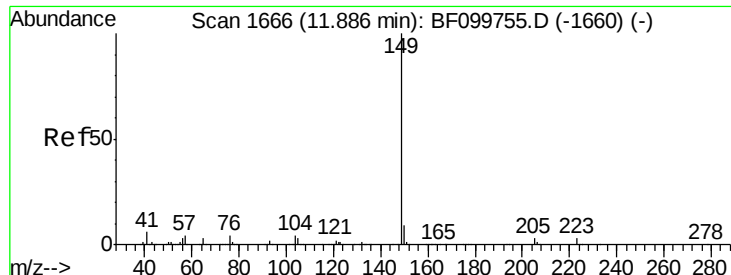
Sohil
 11/4/2017 2:18:51 PM



#72
 Carbazole
 Concen: 33.559 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 32.443 ng

RT: 11.85 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

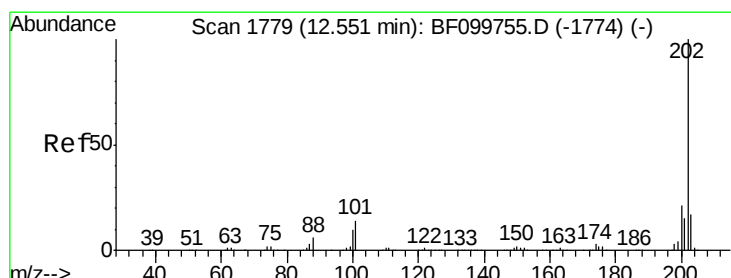
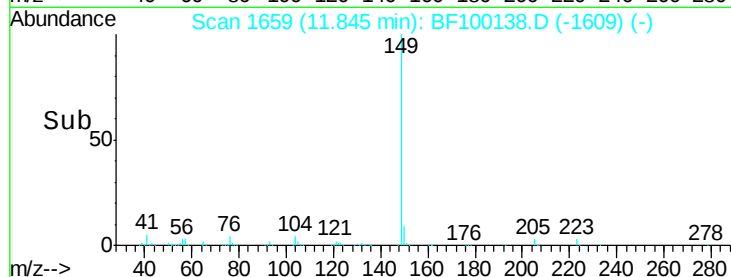
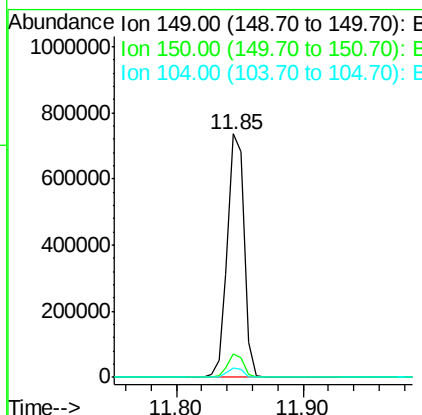
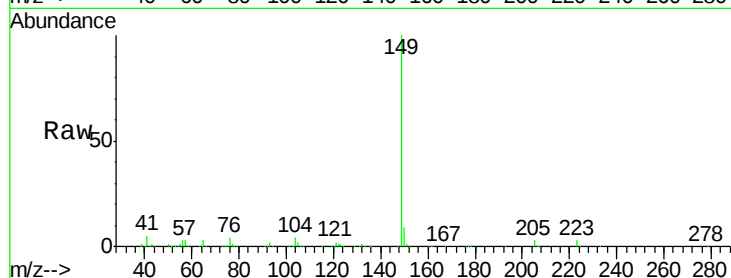
ClientSampleId :

PB103911BS

Tgt Ion:	149	Resp:	672233
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 32.559 ng

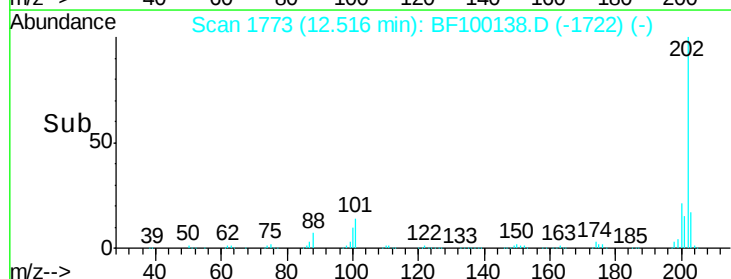
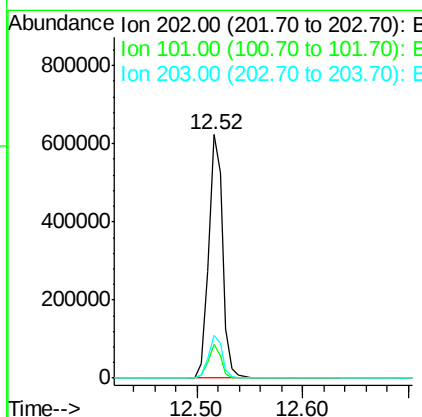
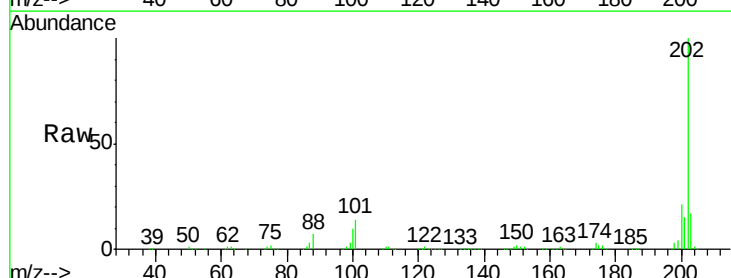
RT: 12.52 min Scan# 1773

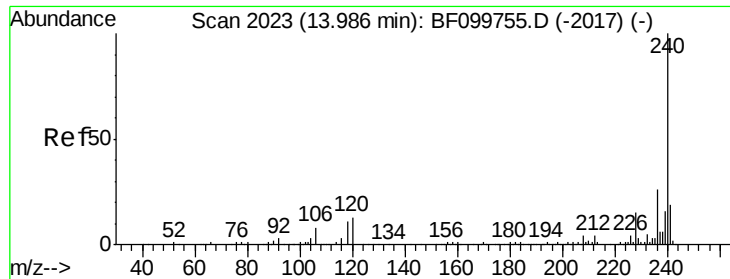
Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Tgt Ion:	202	Resp:	575853
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.3	0.0	38.1





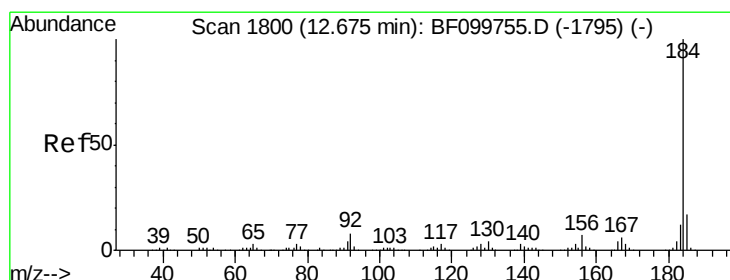
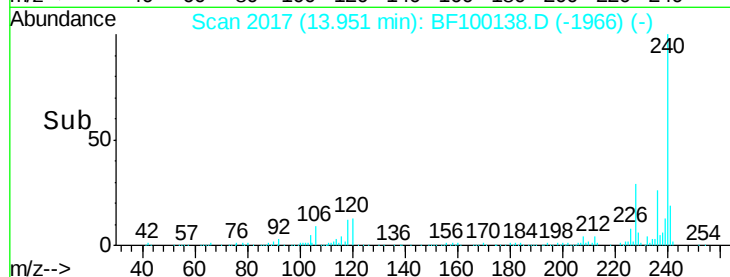
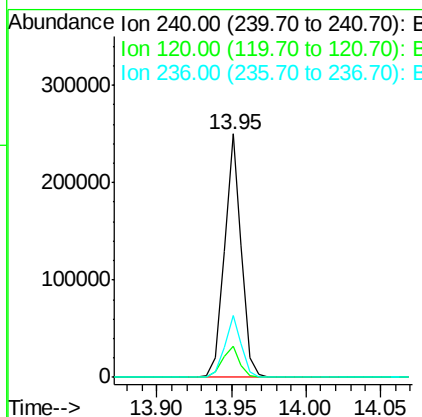
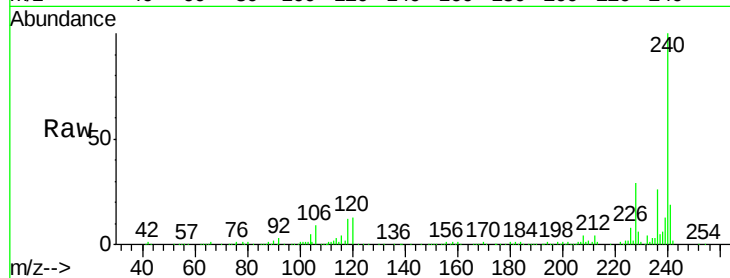
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	198832		
120	13.1	9.5	14.3	
236	25.5	20.7	31.1	

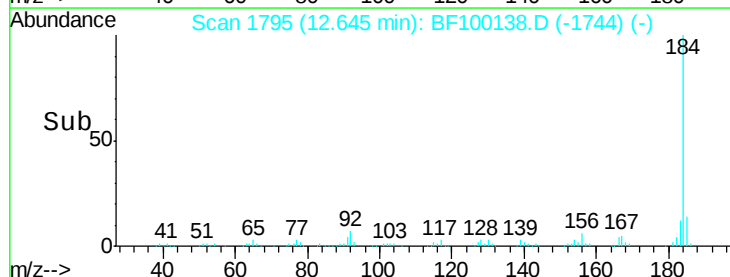
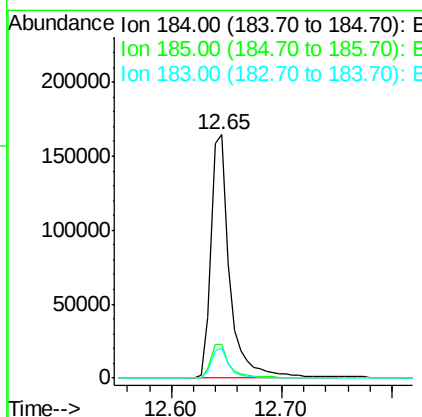
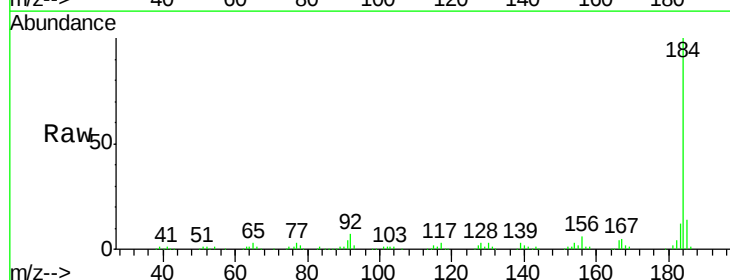
Manual Integrations
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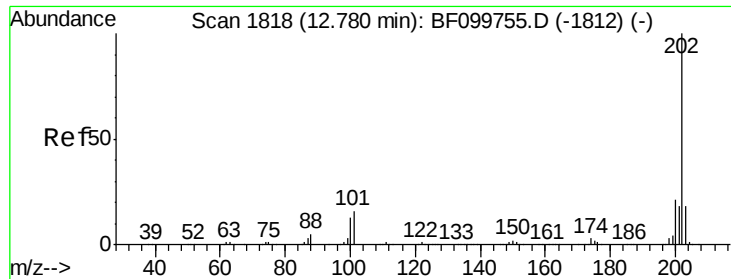
Sohil
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#76
Benzidine
Concen: 22.041 ng
RT: 12.65 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	191767		
185	14.1	12.6	18.8	
183	12.3	9.3	13.9	





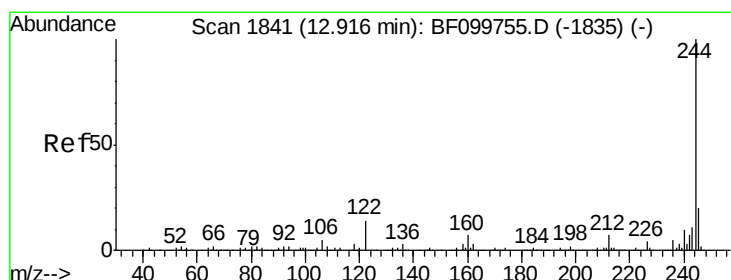
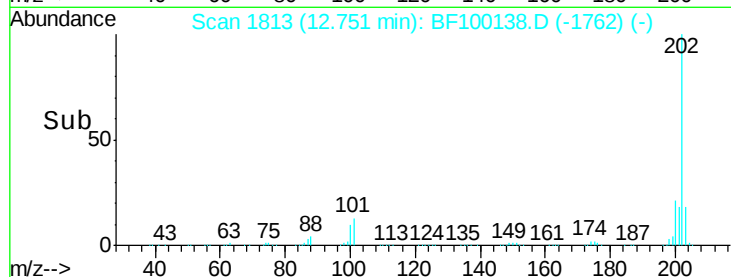
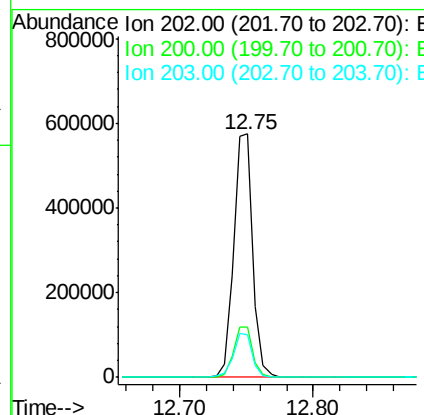
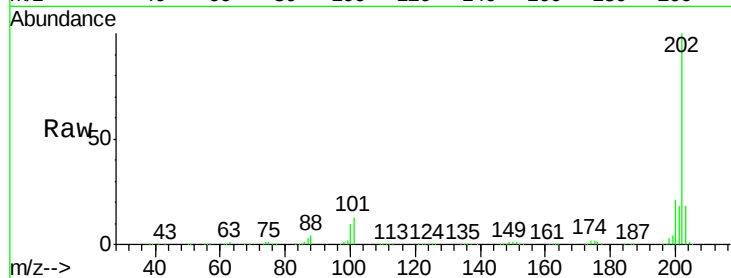
#77
Pyrene
Concen: 38.048 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	575254		
200	20.7		17.4	26.2
203	17.5		14.3	21.5

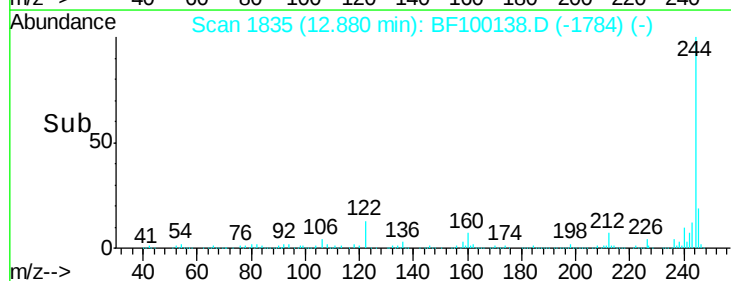
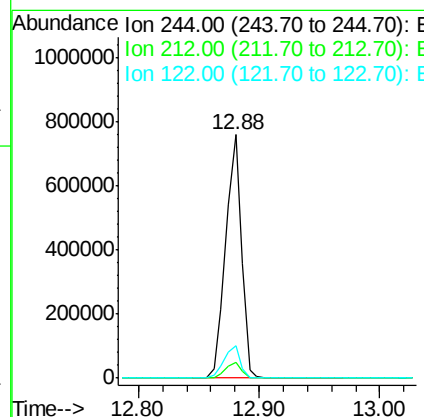
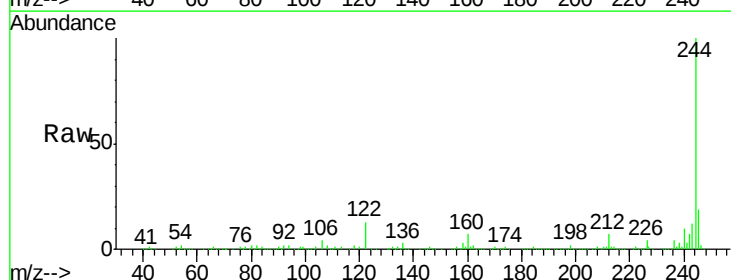
Manual Integrations
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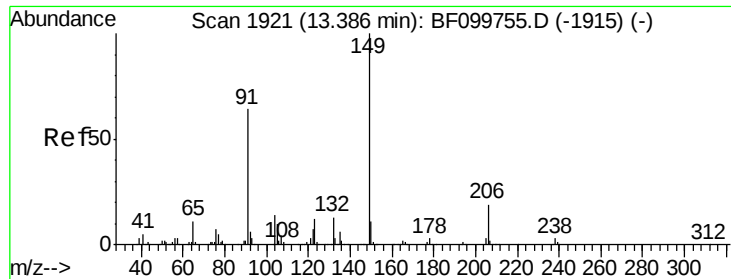
Sohil
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#78
Terphenyl-d14
Concen: 75.371 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	685748		
212	6.6		5.4	8.0
122	13.1		11.0	16.4





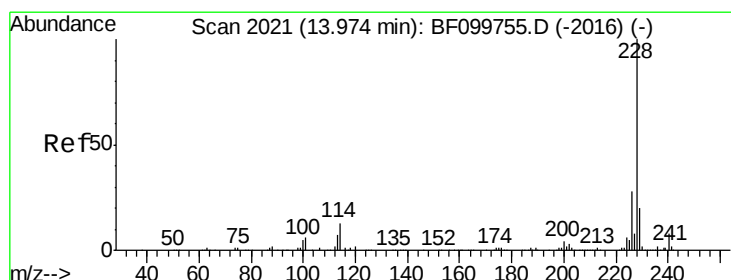
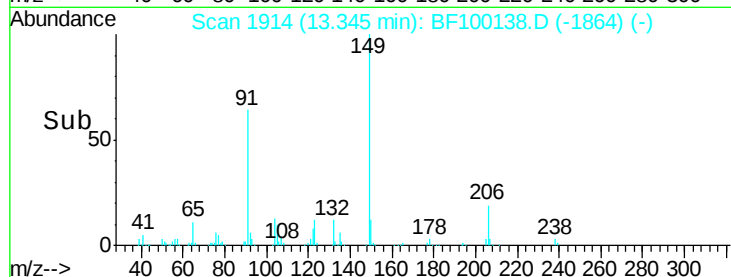
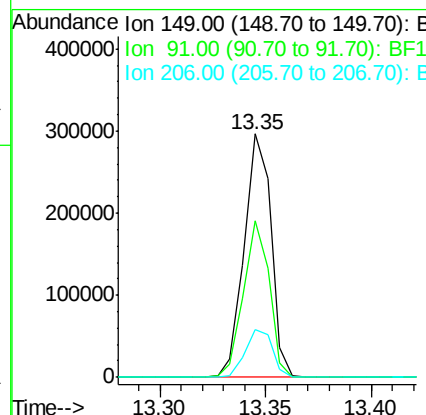
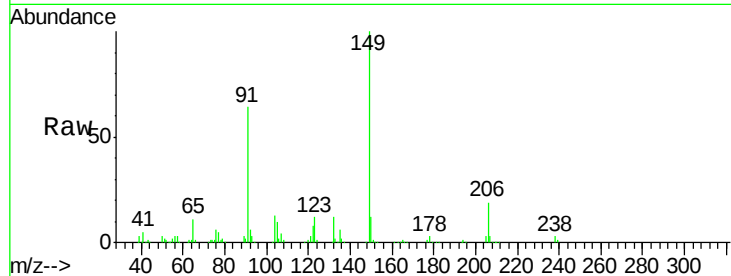
#79
Butylbenzylphthalate
Concen: 35.025 ng
RT: 13.35 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	64.3	56.8	85.2
206	19.5	14.1	21.1

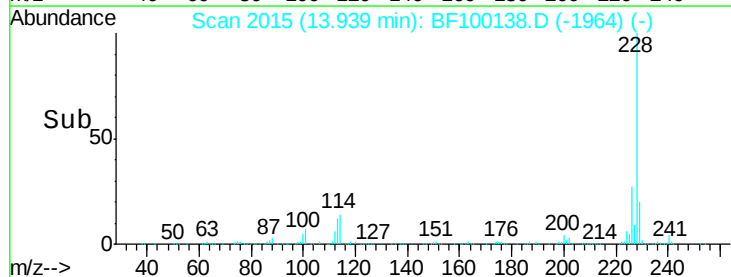
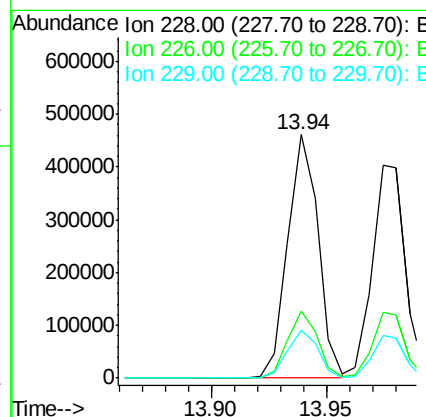
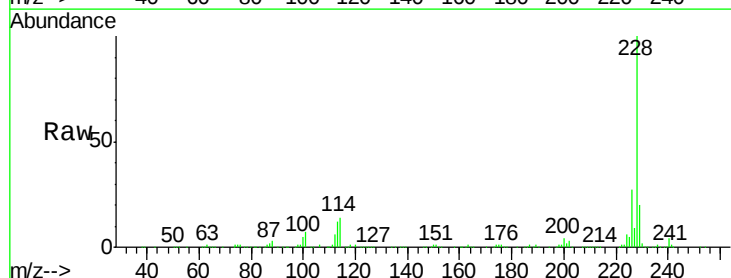
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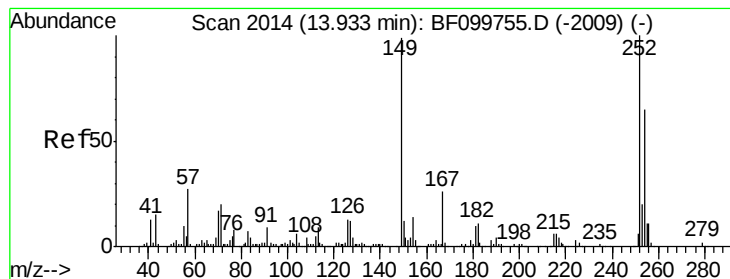
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#80
Benzo(a)anthracene
Concen: 33.223 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.6	33.8
229	19.6	15.8	23.6





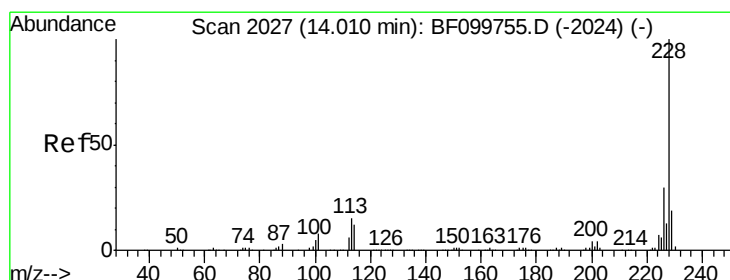
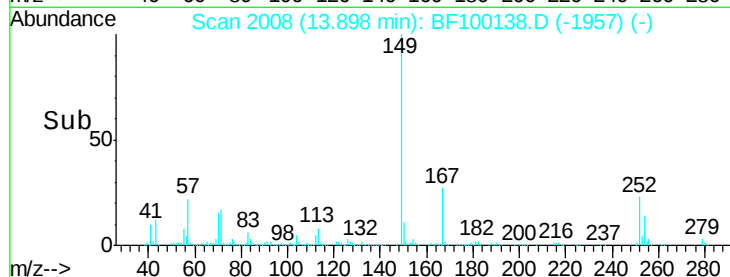
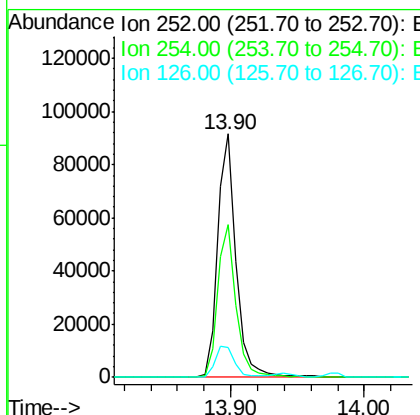
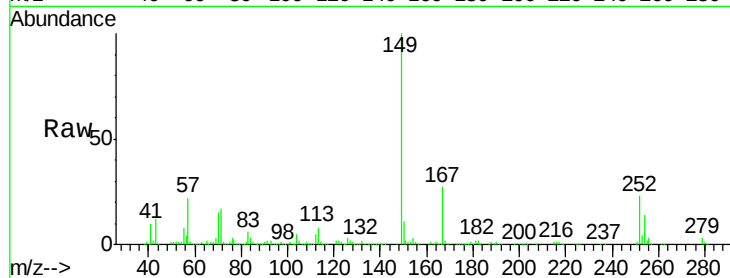
#81
3,3'-Dichlorobenzidine
Concen: 19.501 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.4	75.6
126	12.2	11.3	16.9

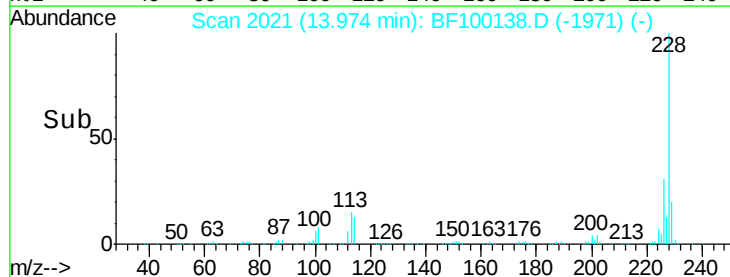
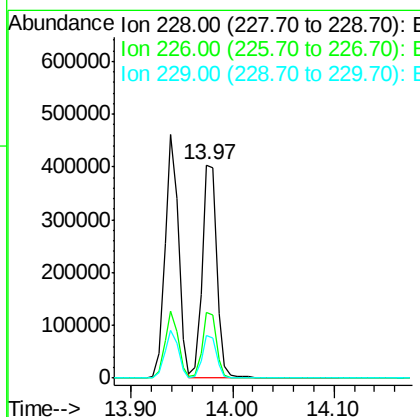
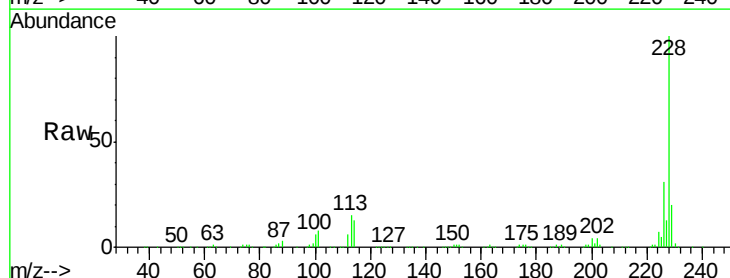
Manual Integrations
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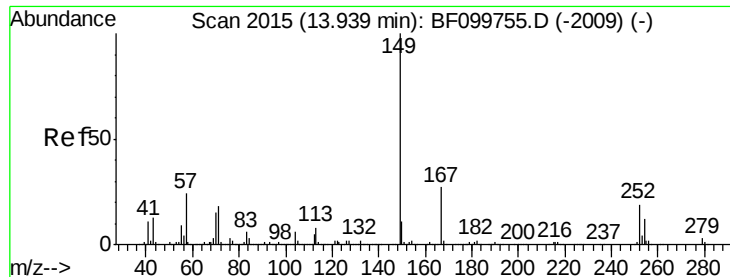
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#82
Chrysene
Concen: 34.171 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	16.2	24.4





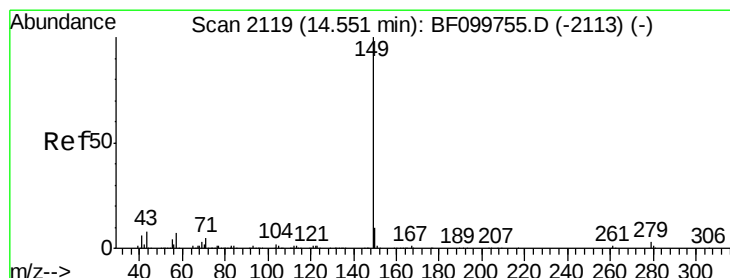
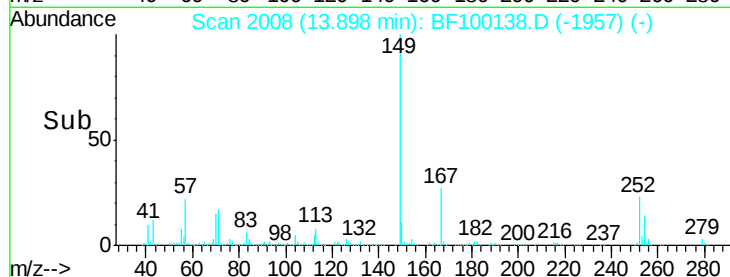
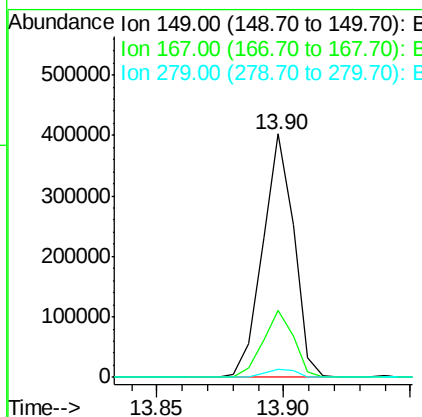
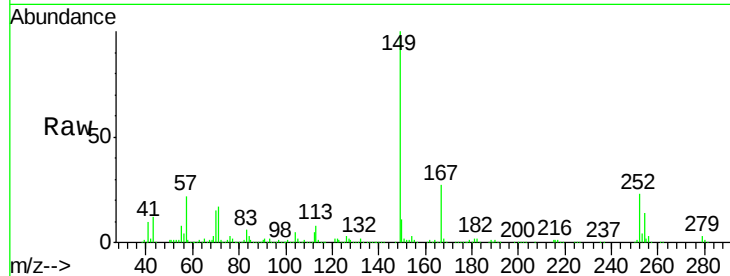
#83
Bis(2-ethylhexyl)phthalate
Concen: 33.150 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	346595		
167	27.5	21.3	31.9	
279	3.2	3.0	4.4	

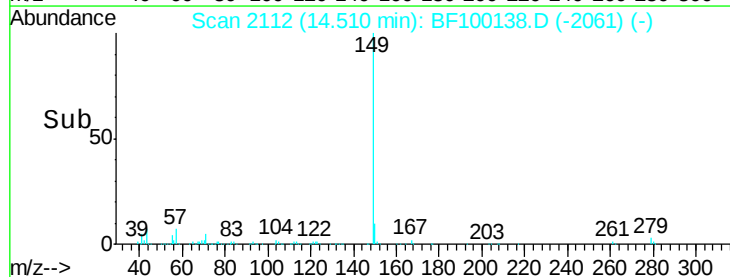
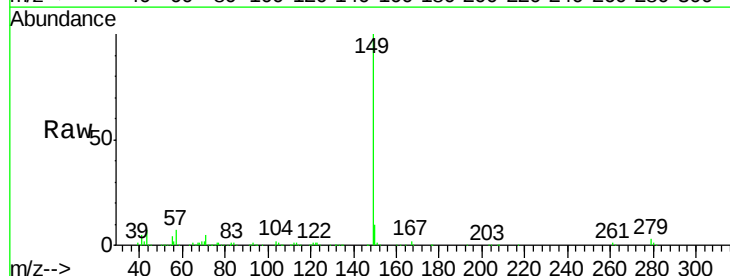
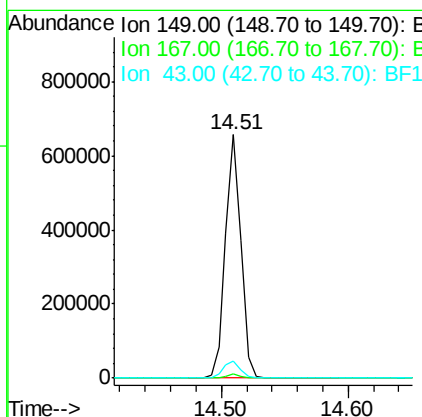
Manual Integrations
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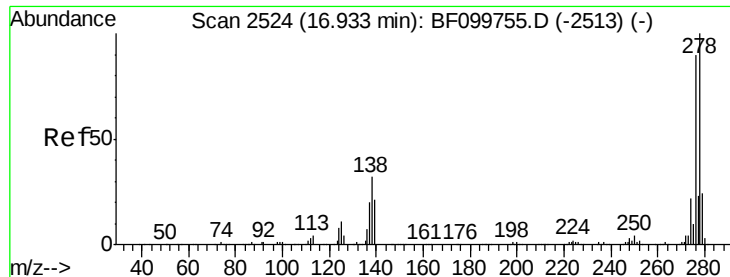
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#84
Di-n-octyl phthalate
Concen: 31.059 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	557345		
167	1.6	1.2	1.8	
43	7.2	8.4	12.6#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 26.855 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

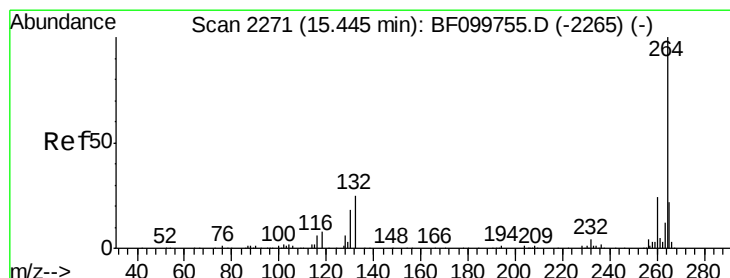
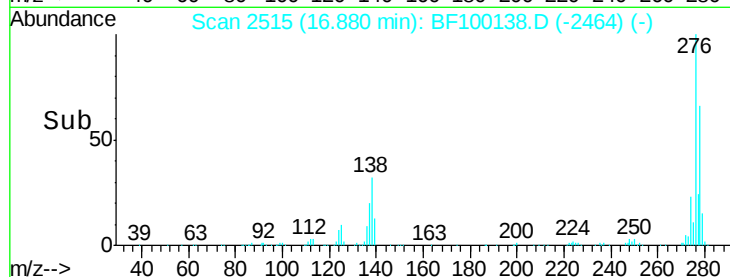
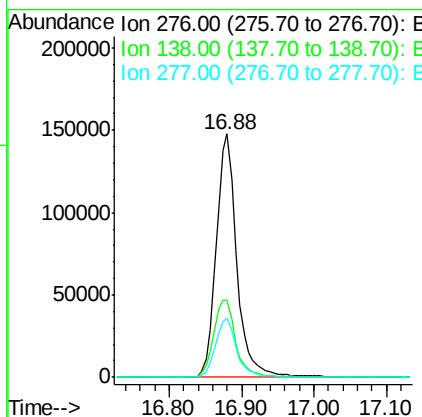
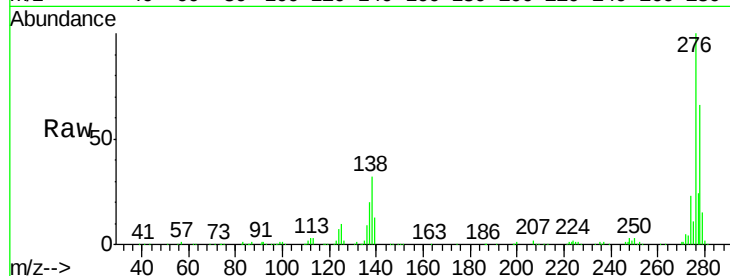
ClientSampleId :

PB103911BS

Tgt Ion:	276	Resp:	292142
Ion Ratio	Lower	Upper	
276	100		
138	34.3	25.0	37.6
277	25.0	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

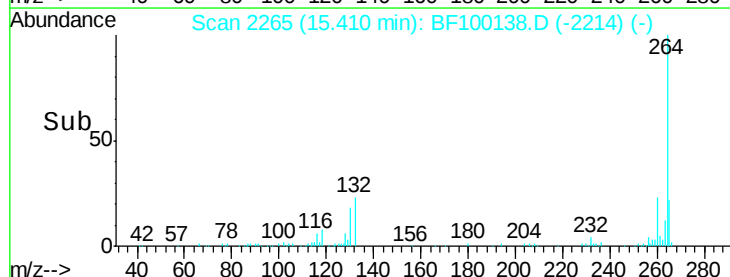
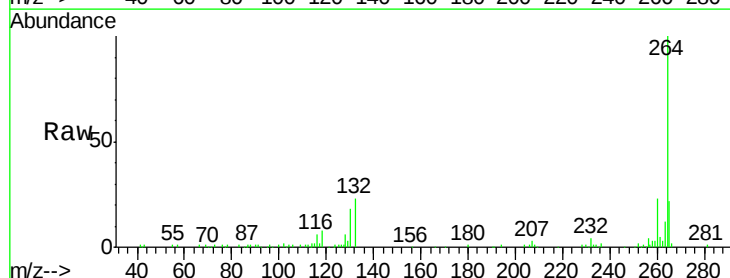
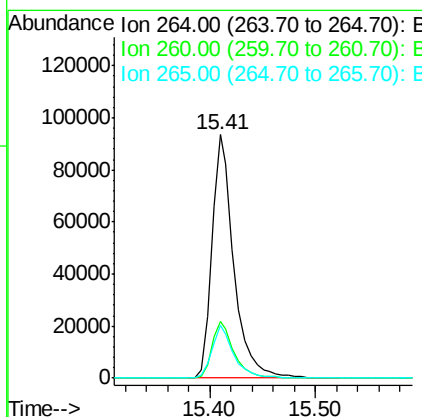
RT: 15.41 min Scan# 2265

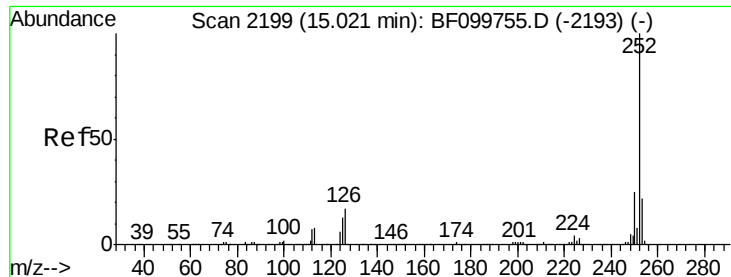
Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Tgt Ion:	264	Resp:	135662
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.8	17.5	26.3





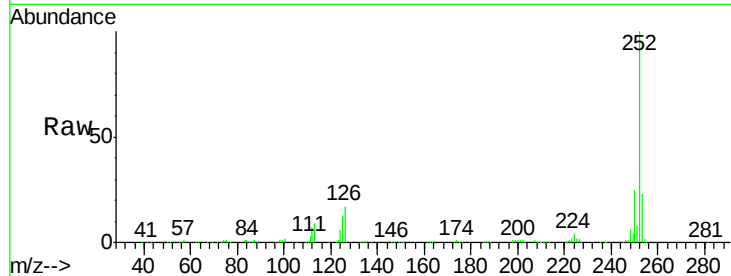
#87
Benzo(b)fluoranthene
Concen: 34.455 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Instrument :
BNA_F
ClientSampleId :
PB103911BS

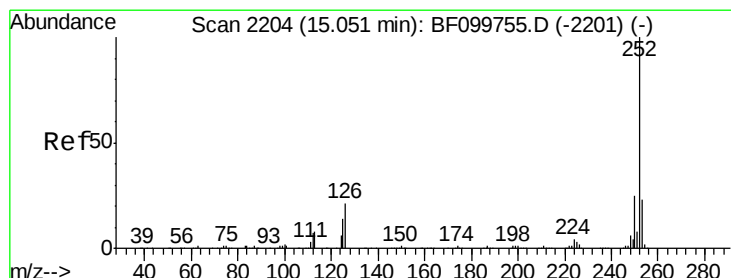
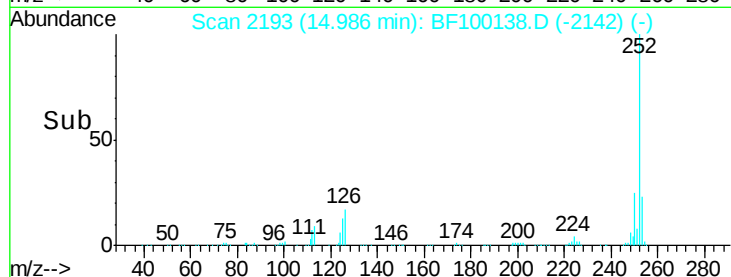
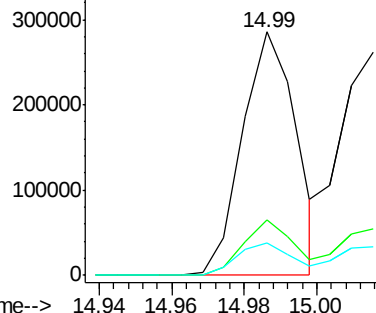
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	13.4	9.0	13.6

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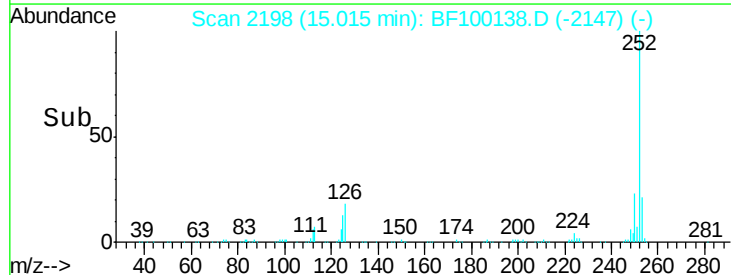
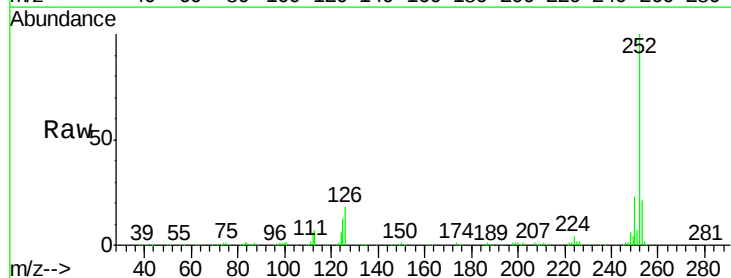
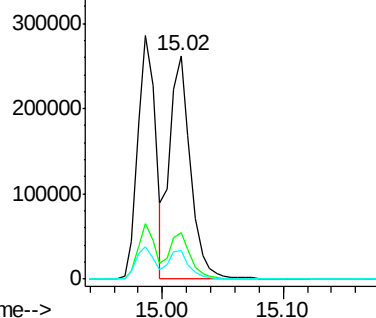
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

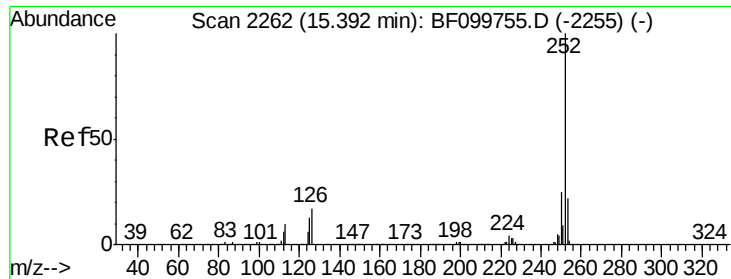


#88
Benzo(k)fluoranthene
Concen: 38.835 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF100138.D
Acq: 3 Nov 2017 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	12.9	10.2	15.2

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





#89

Benzo(a)pyrene

Concen: 36.247 ng

RT: 15.35 min Scan# 2255

Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Instrument :

BNA_F

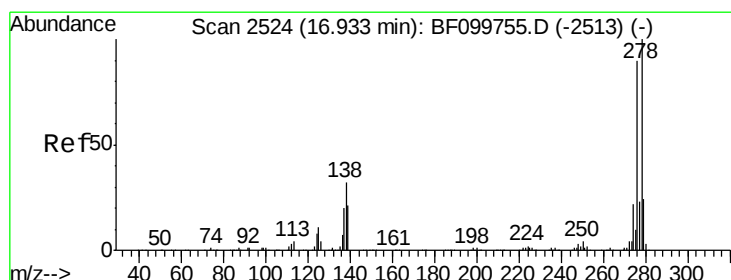
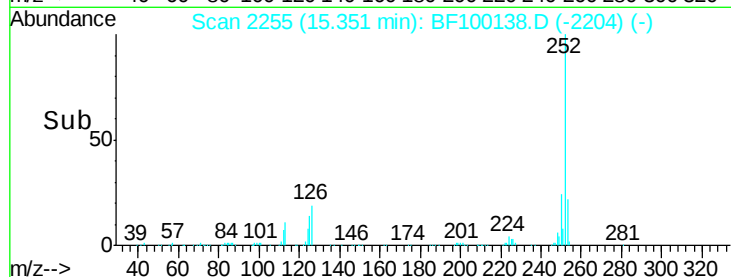
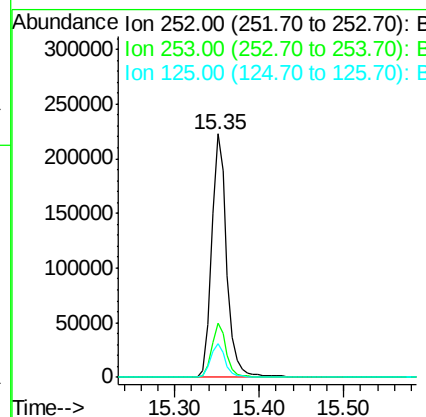
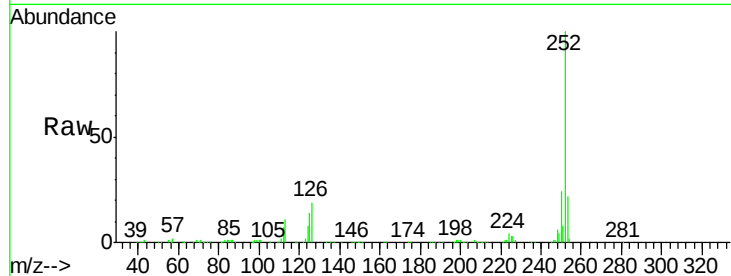
ClientSampleId :

PB103911BS

Tgt Ion:	252	Resp:	278924
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.1	25.7
125	13.9	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 35.971 ng

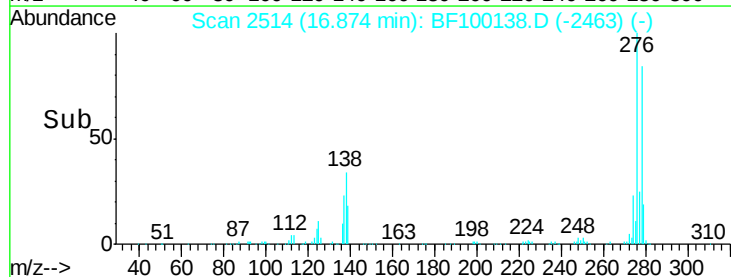
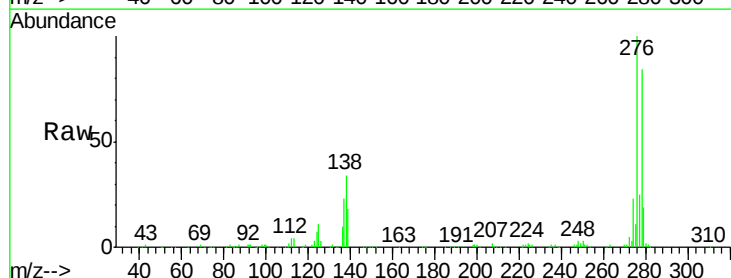
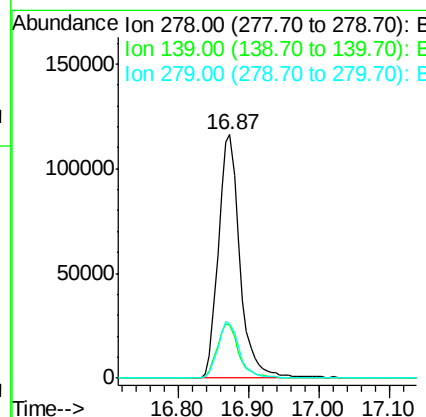
RT: 16.87 min Scan# 2514

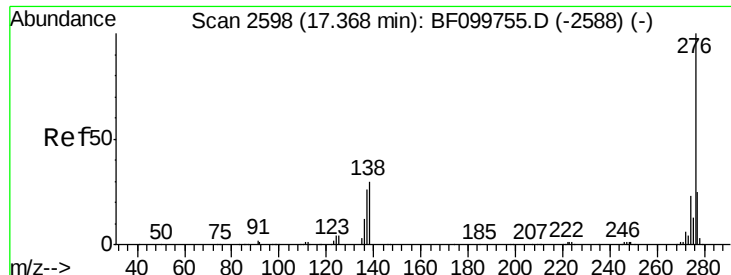
Delta R.T. 0.00 min

Lab File: BF100138.D

Acq: 3 Nov 2017 16:56

Tgt Ion:	278	Resp:	245951
Ion Ratio	Lower	Upper	
278	100		
139	21.5	15.9	23.9
279	22.4	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 38.013 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. 0.00 min
 Lab File: BF100138.D
 Acq: 3 Nov 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB103911BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		254287		
277	23.5		17.9	26.9	
138	29.6		21.8	32.8	

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:18:51 PM

