

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099238.D
 Acq On : 8 Oct 2017 18:01
 Operator : SJ/JU
 Sample : I5706-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MS

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:36:01 PM

Quant Time: Oct 09 11:35:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136539	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	576241	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	260978	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	468343	20.00	ng	0.00
75) Chrysene-d12	14.03	240	316914	20.00	ng	0.00
86) Perylene-d12	15.50	264	242761	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1029996	120.09	ng	0.04
7) Phenol-d6	6.51	99	1210680	114.42	ng	0.01
23) Nitrobenzene-d5	7.43	82	824056	91.71	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	281463	131.80	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1442523	92.27	ng	0.00
78) Terphenyl-d14	12.97	244	1282070	92.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	147149	35.915	ng	# 81
3) Pyridine	3.58	79	332600m	30.008	ng	
4) n-Nitrosodimethylamine	3.53	42	171280	36.442	ng	80
6) Aniline	6.54	93	267658	18.743	ng	98
8) 2-Chlorophenol	6.66	128	392427	40.401	ng	98
9) Benzaldehyde	6.42	77	130202	21.214	ng	94
10) Phenol	6.52	94	438284	37.038	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	379843	41.290	ng	96
12) 1,3-Dichlorobenzene	6.81	146	413738	40.672	ng	97
13) 1,4-Dichlorobenzene	6.89	146	414206	40.021	ng	98
14) 1,2-Dichlorobenzene	7.04	146	387961	40.568	ng	98
15) Benzyl Alcohol	7.01	79	319614	41.176	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	543346	37.910	ng	93
17) 2-Methylphenol	7.12	107	332845	41.880	ng	99
18) Hexachloroethane	7.37	117	146174	39.293	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	258194	38.220	ng	92
20) 3+4-Methylphenols	7.27	107	384245	38.217	ng	# 79
22) Acetophenone	7.28	105	525939	37.671	ng	# 98
24) Nitrobenzene	7.46	77	408713	40.098	ng	92
25) Isophorone	7.69	82	768416	41.363	ng	97
26) 2-Nitrophenol	7.77	139	230149	46.955	ng	# 87
27) 2,4-Dimethylphenol	7.80	122	373559	40.356	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	487436	42.103	ng	100
29) 2,4-Dichlorophenol	8.01	162	343911	43.273	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	343656	43.234	ng	98
31) Naphthalene	8.17	128	1158709	42.814	ng	99
32) Benzoic acid	7.92	122	82139	10.803	ng	95
33) 4-Chloroaniline	8.22	127	98814	8.743	ng	96
34) Hexachlorobutadiene	8.28	225	166003	40.546	ng	99
35) Caprolactam	8.60	113	99615m	39.075	ng	
36) 4-Chloro-3-methylphenol	8.70	107	367968	41.193	ng	94
37) 2-Methylnaphthalene	8.86	142	796422	45.267	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	312796	40.189	ng	99
40) Hexachlorocyclopentadiene	9.01	237	186855	52.534	ng	96

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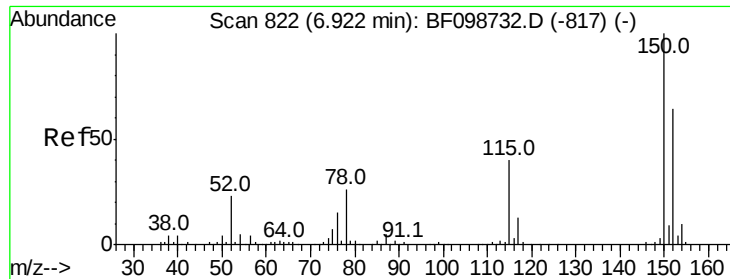
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	227898	41.332	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	238425	43.317	ng	97
45) 1,1'-Biphenyl	9.33	154	915926	40.836	ng	99
46) 2-Chloronaphthalene	9.35	162	728595	43.264	ng	98
47) 2-Nitroaniline	9.45	65	219879	42.641	ng	94
48) Acenaphthylene	9.77	152	1106161	42.908	ng	100
49) Dimethylphthalate	9.63	163	886603	45.012	ng	99
50) 2,6-Dinitrotoluene	9.69	165	195446	45.578	ng	92
51) Acenaphthene	9.94	154	647799	39.668	ng	99
52) 3-Nitroaniline	9.86	138	137243	27.448	ng	93
53) 2,4-Dinitrophenol	9.97	184	41260	22.962	ng	# 85
54) Dibenzofuran	10.11	168	962435	44.264	ng	99
55) 4-Nitrophenol	10.03	139	273716	64.740	ng	85
56) 2,4-Dinitrotoluene	10.10	165	250612	45.031	ng	94
57) Fluorene	10.46	166	757552	43.347	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	175393	46.129	ng	96
59) Diethylphthalate	10.33	149	816429	42.419	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	337261	42.961	ng	94
61) 4-Nitroaniline	10.48	138	219179	45.436	ng	90
62) Azobenzene	10.60	77	759547	42.919	ng	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	55267	19.395	ng	84
65) n-Nitrosodiphenylamine	10.57	169	695547	42.869	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	200981	43.841	ng	95
67) Hexachlorobenzene	11.00	284	204205	41.707	ng	94
68) Atrazine	11.09	200	217749	44.607	ng	99
69) Pentachlorophenol	11.20	266	169474	55.616	ng	99
70) Phenanthrene	11.42	178	1074140	42.847	ng	99
71) Anthracene	11.47	178	1121737	43.732	ng	100
72) Carbazole	11.63	167	1055372	42.015	ng	98
73) Di-n-butylphthalate	11.94	149	1255831	41.536	ng	99
74) Fluoranthene	12.60	202	1111891	43.801	ng	99
76) Benzidine	12.72	184	134746	11.496	ng	98
77) Pyrene	12.84	202	1136651	47.035	ng	99
79) Butylbenzylphthalate	13.44	149	520598	45.838	ng	90
80) Benzo(a)anthracene	14.02	228	865969	45.126	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	178928	25.435	ng	98
82) Chrysene	14.06	228	814487	44.581	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	672836	43.024	ng	99
84) Di-n-octyl phthalate	14.61	149	997140	39.598	ng	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	646906	44.264	ng	96
87) Benzo(b)fluoranthene	15.07	252	722267	48.390	ng	# 98
88) Benzo(k)fluoranthene	15.10	252	620743	42.106	ng	98
89) Benzo(a)pyrene	15.44	252	624814	45.604	ng	# 96
90) Dibenzo(a,h)anthracene	17.02	278	530497	48.382	ng	99
91) Benzo(g,h,i)perylene	17.45	276	565627	52.187	ng	94

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



#1

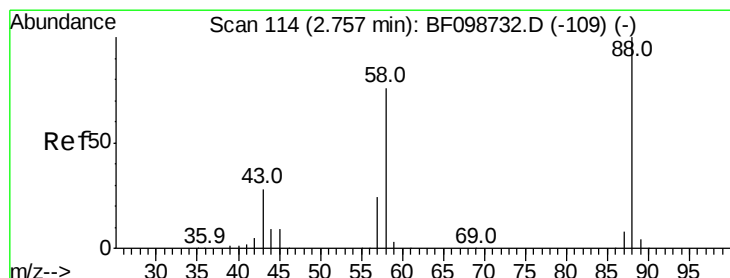
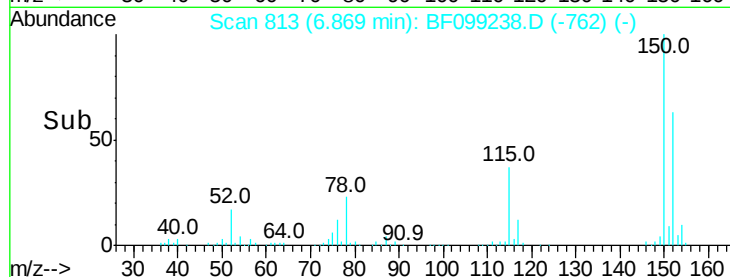
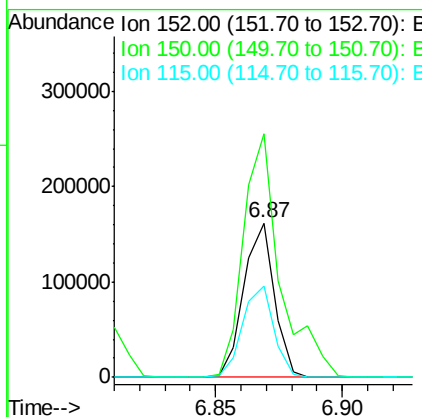
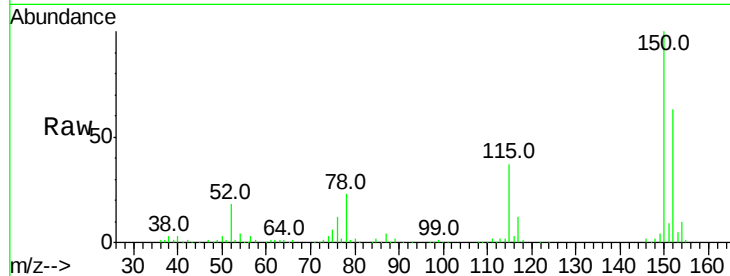
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	59.1	50.1	75.1

Manual Integrations
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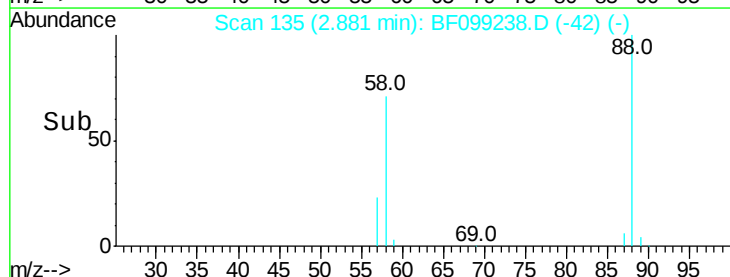
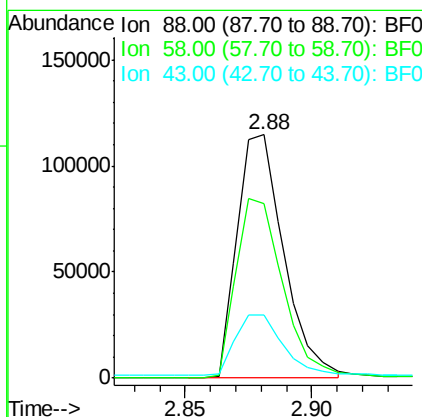
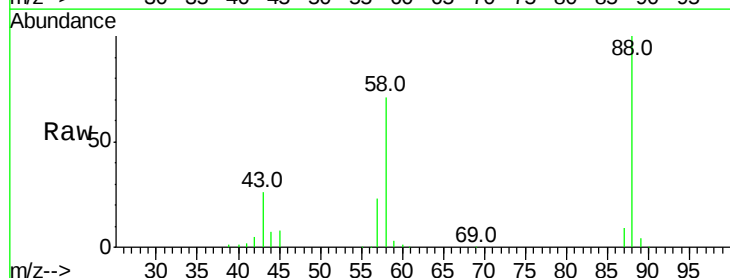
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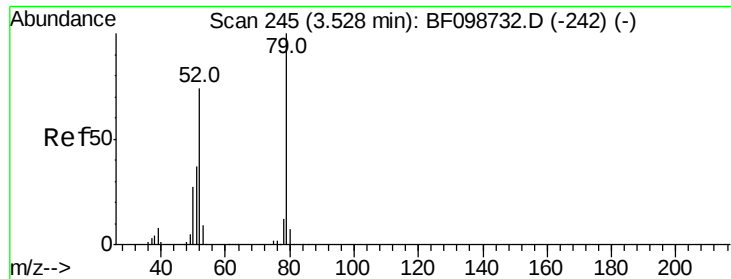


#2

1,4-Dioxane
Concen: 35.915 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.25 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	62.6	93.8
43	0.0	24.6	37.0





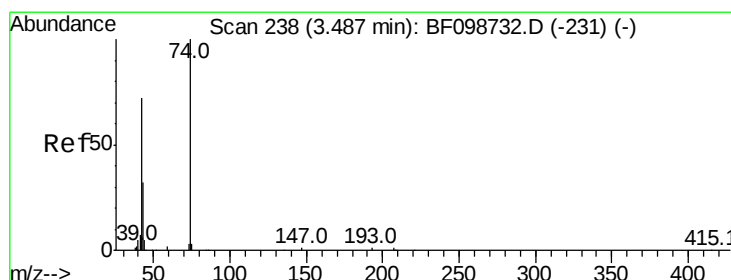
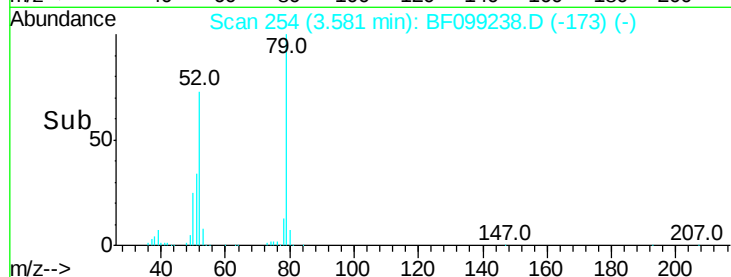
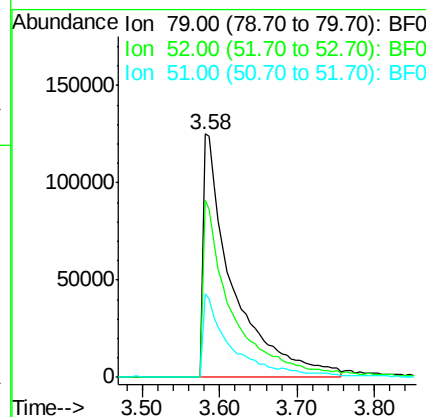
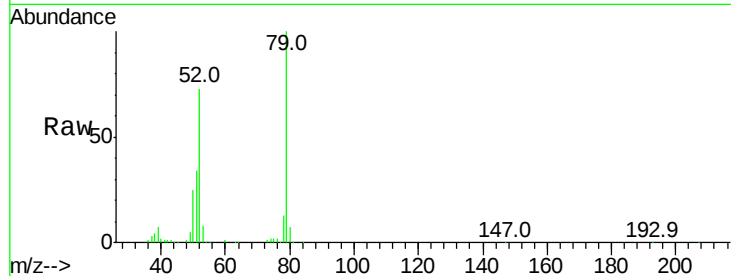
#3
Pvridine
Concen: 30.008 ng/ml
RT: 3.58 min Scan# 254
Delta R.T. 0.18 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.0	59.8	89.6
51	34.2	29.8	44.8

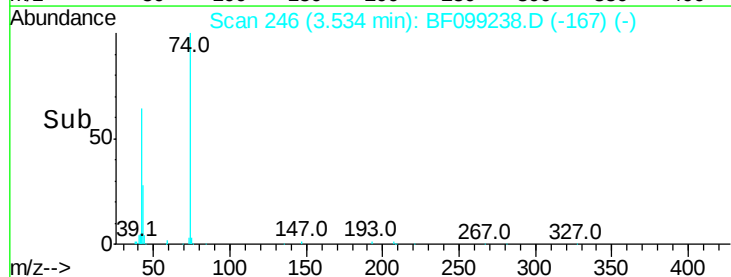
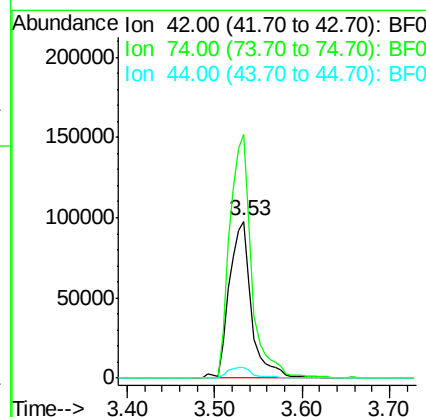
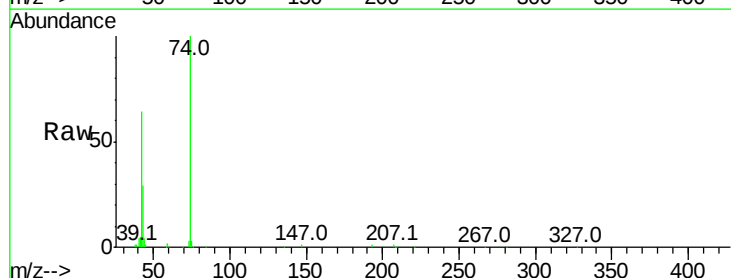
Manual Integrations
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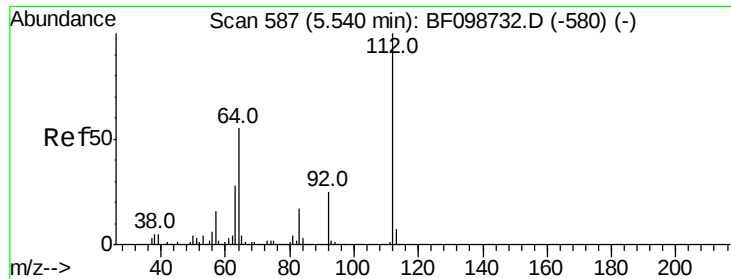
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#4
n-Nitrosodimethylamine
Concen: 36.442 ng/ml
RT: 3.53 min Scan# 246
Delta R.T. 0.16 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.4	104.9	157.3
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 120.087 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.04 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

MH-21MS

Tot Ion:112 Resp: 1029996

Ion Ratio Lower Upper

112 100

64 53.0 47.9 71.9

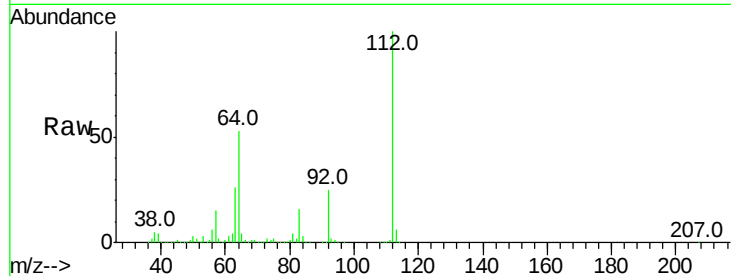
63 25.7 23.7 35.5

Manual Integrations

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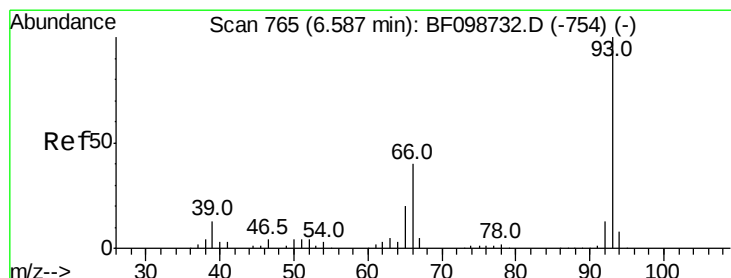
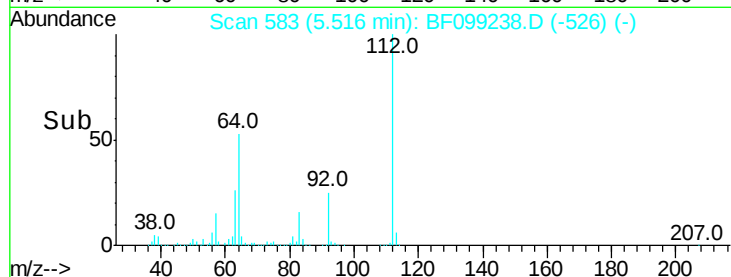
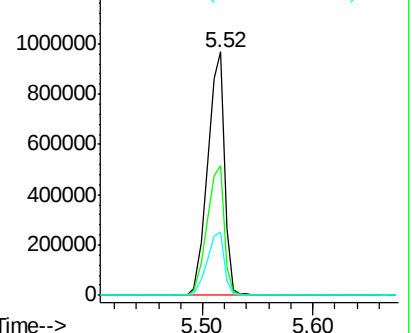
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.743 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

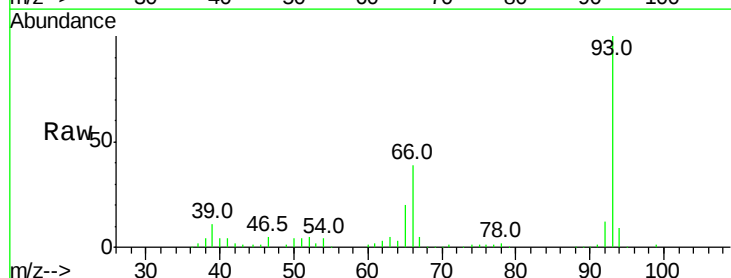
Tgt Ion: 93 Resp: 267658

Ion Ratio Lower Upper

93 100

66 39.1 32.2 48.2

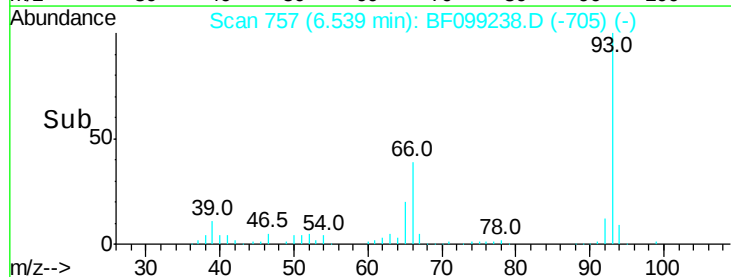
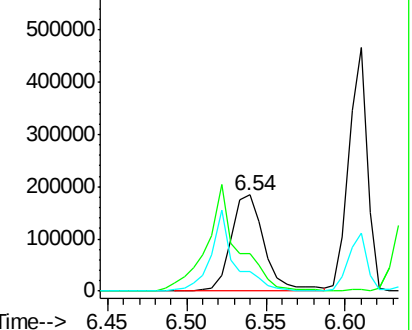
65 19.7 16.4 24.6

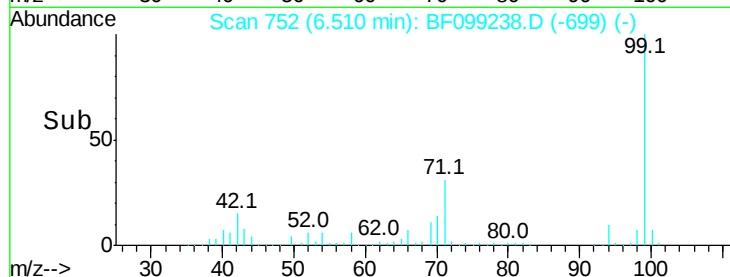
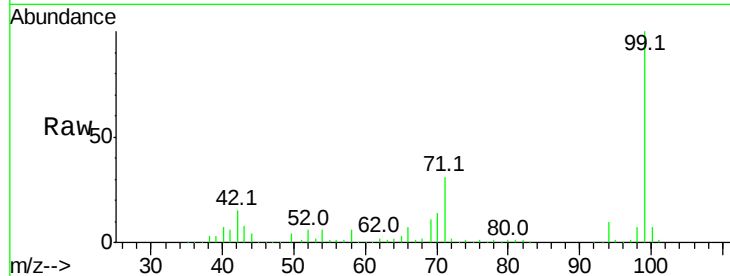
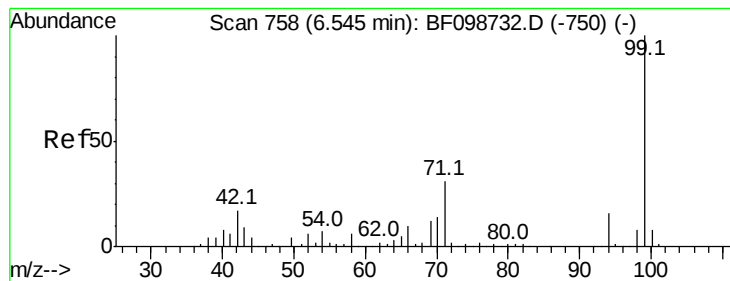


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.422 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tot Ion: 99 Resp: 1210680

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 31.0 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

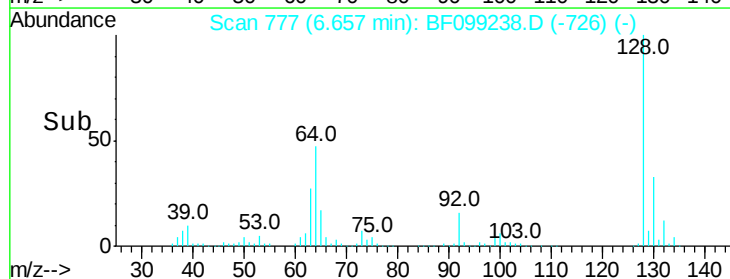
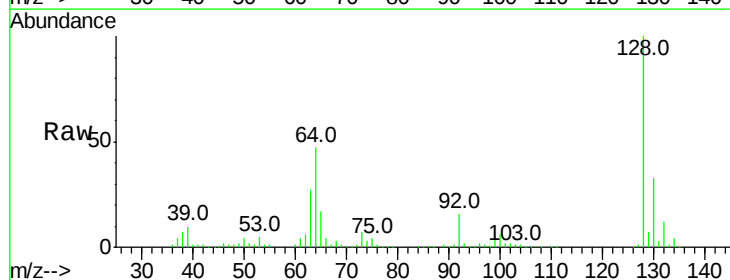
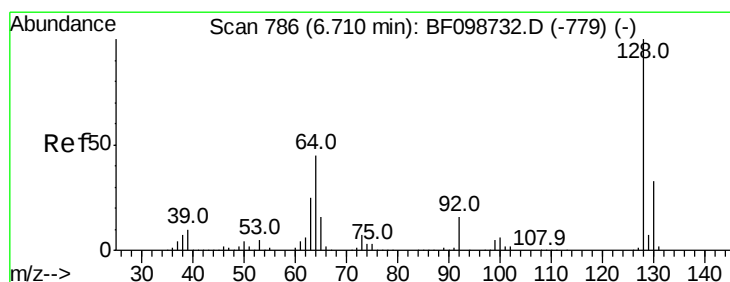
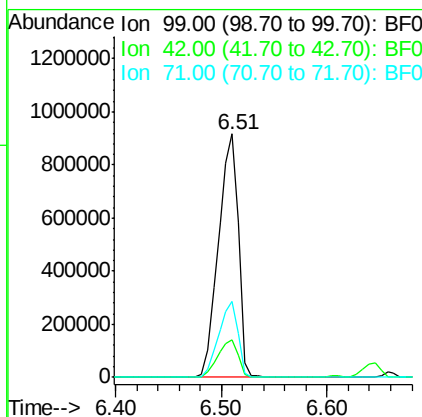
MH-21MS

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.401 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

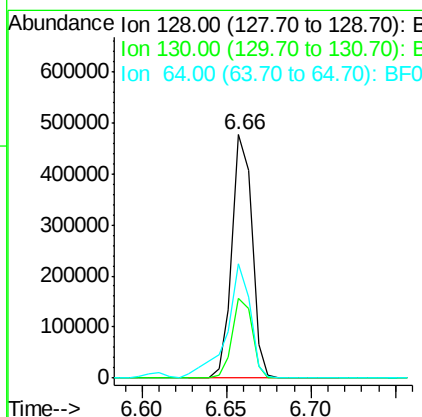
Tgt Ion:128 Resp: 392427

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 47.2 29.4 69.4





#9

Benzaldehyde

Concen: 21.214 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

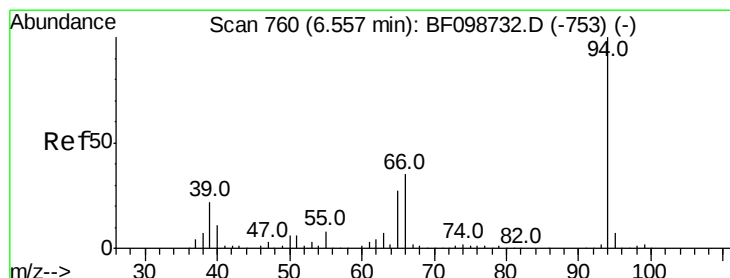
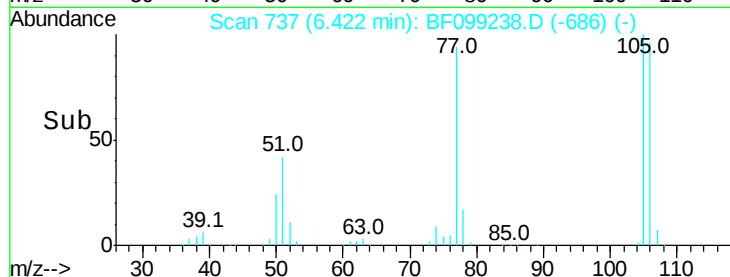
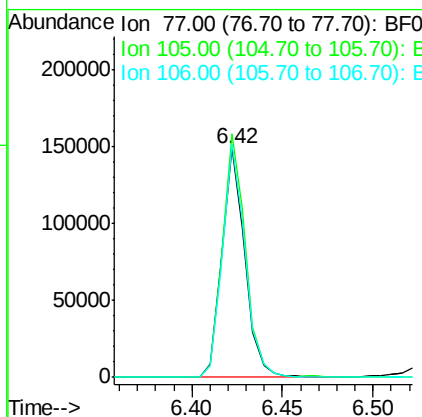
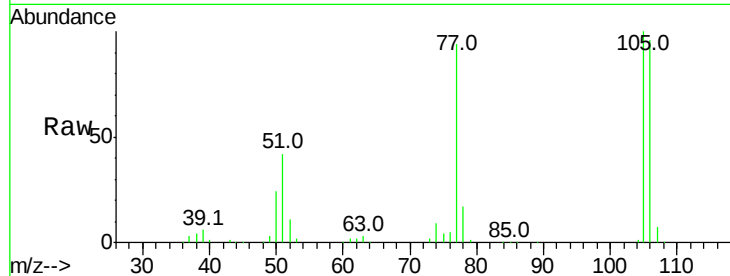
ClientSampleId :

MH-21MS

Tot Ion:	77	Resp:	130202
Ion	Ratio	Lower	Upper
77	100		
105	106.2	81.1	121.1
106	101.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.038 ng

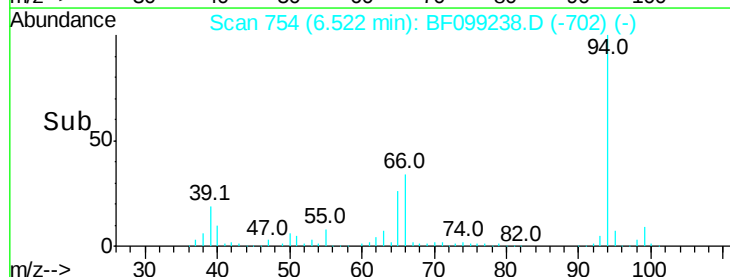
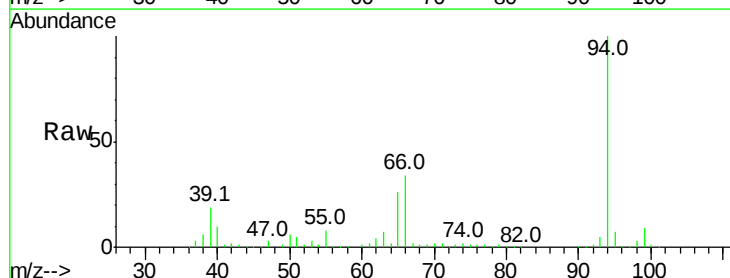
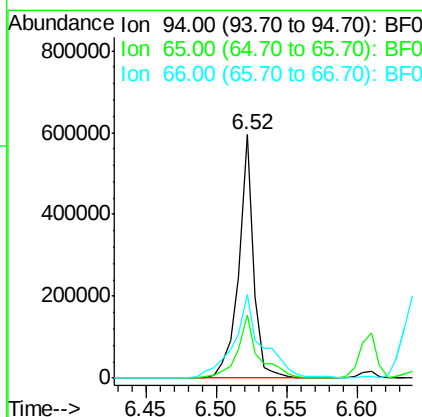
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion:	94	Resp:	438284
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	34.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.290 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

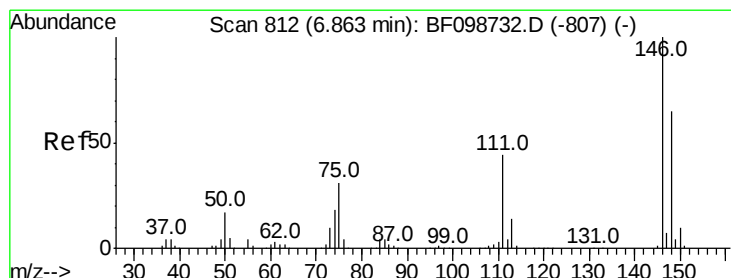
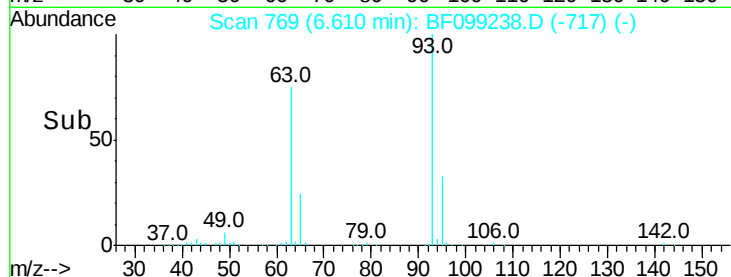
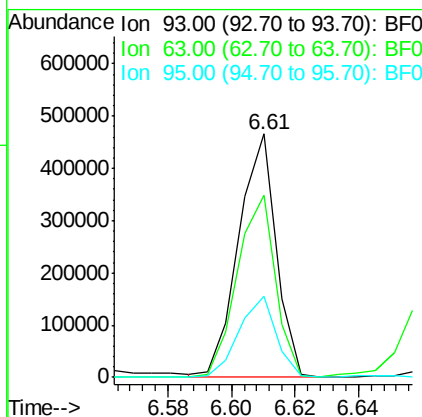
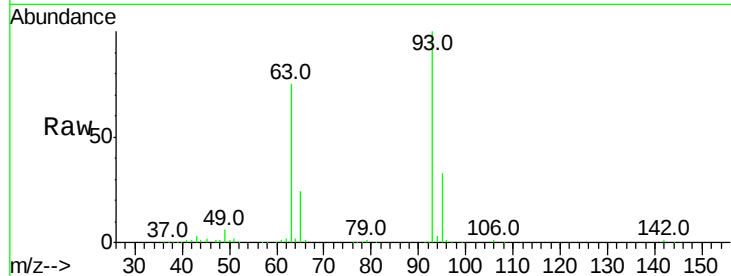
ClientSampleId :

MH-21MS

Tot Ion:	93	Resp:	379843
Ion	Ratio	Lower	Upper
93	100		
63	74.6	58.6	98.6
95	33.1	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.672 ng

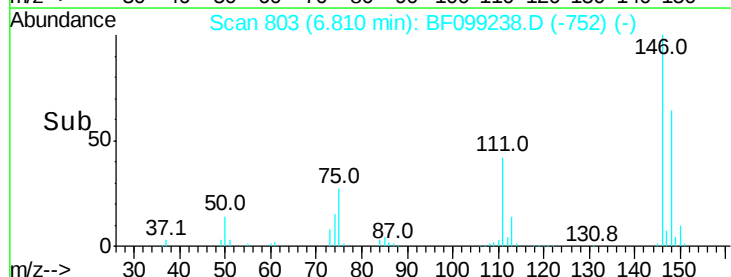
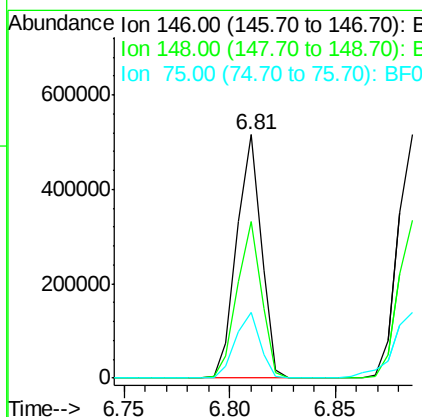
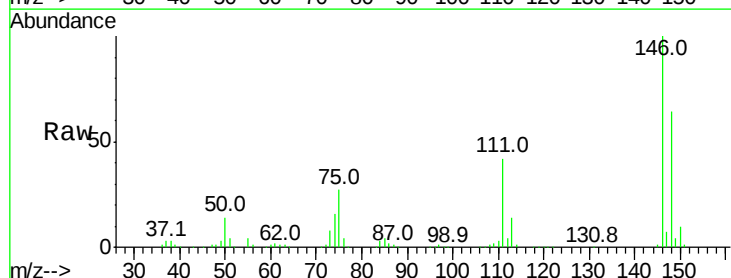
RT: 6.81 min Scan# 803

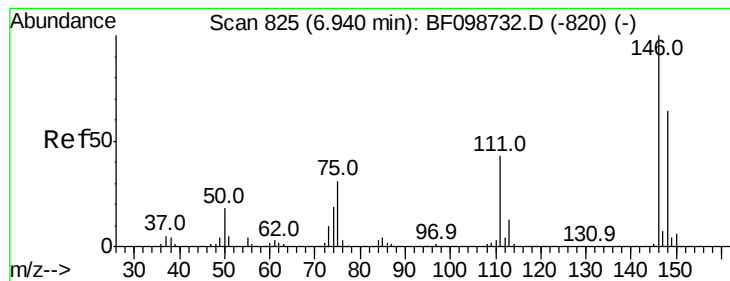
Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion:	146	Resp:	413738
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	26.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.021 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

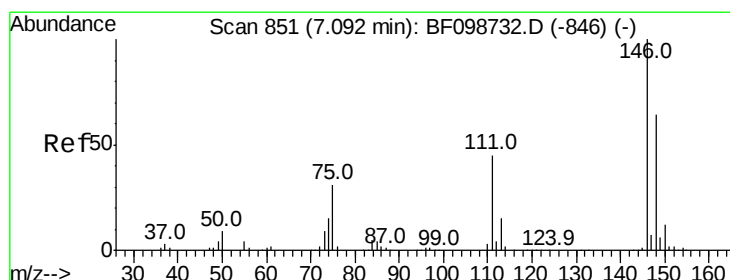
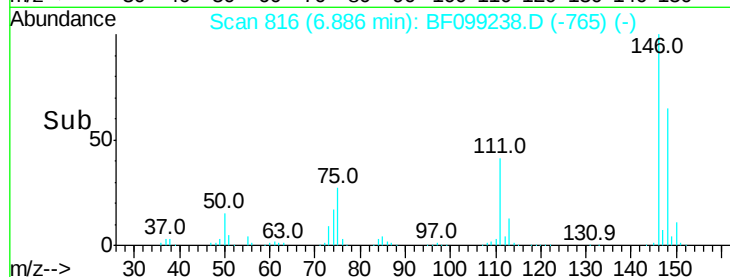
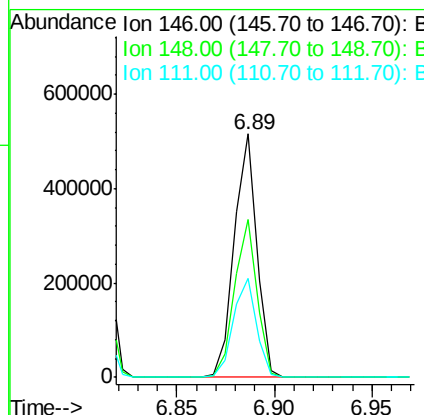
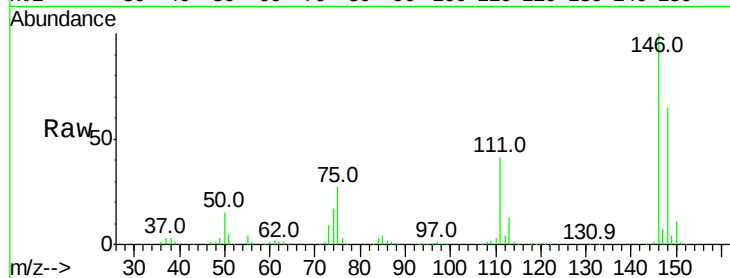
ClientSampleId :

MH-21MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	40.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.568 ng

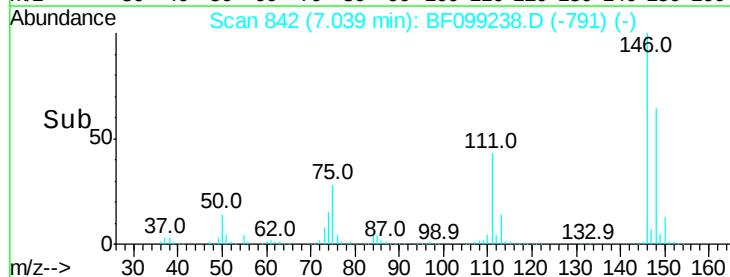
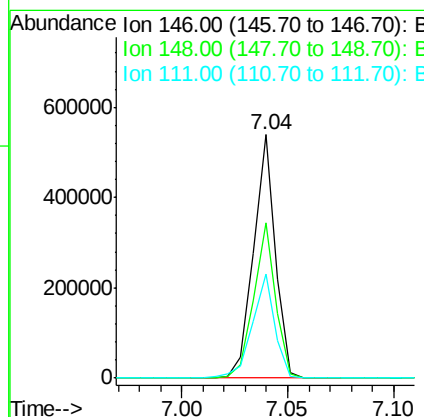
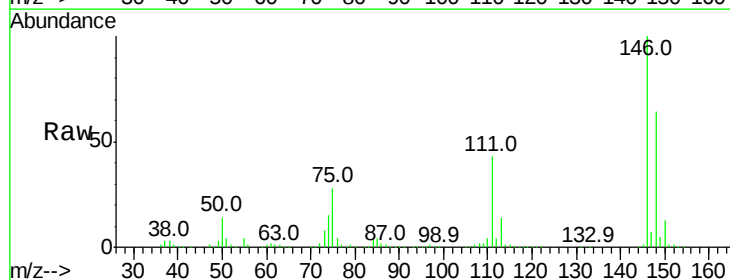
RT: 7.04 min Scan# 842

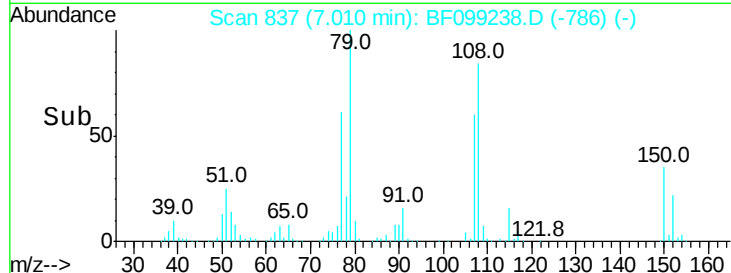
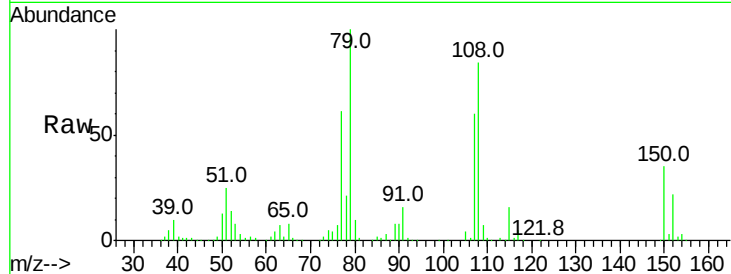
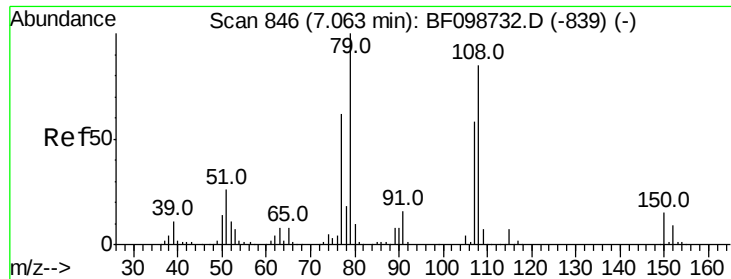
Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	42.7	36.0	54.0





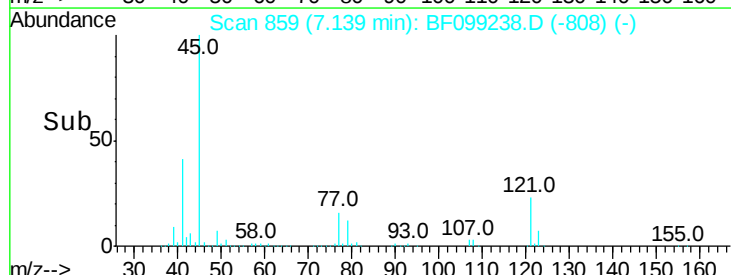
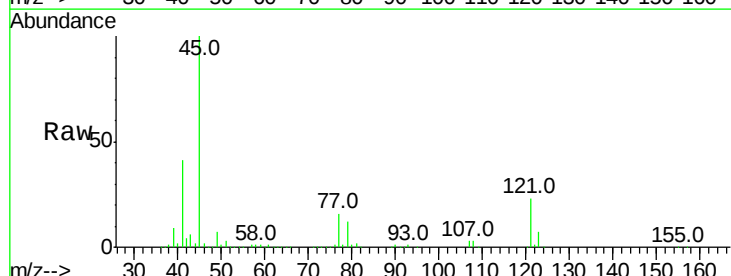
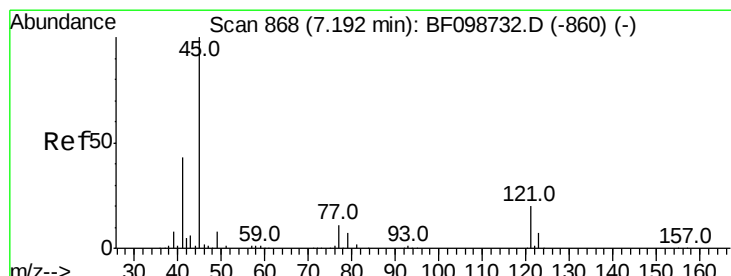
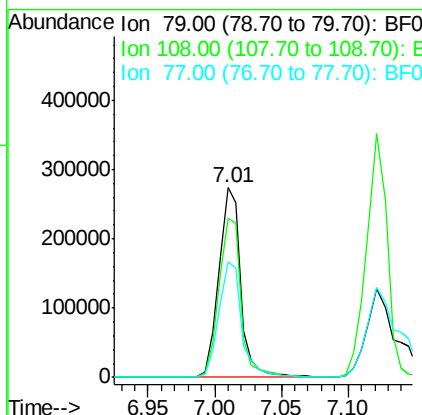
#15
Benzyl Alcohol
Concen: 41.176 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tot Ion: 79 Resp: 319614
Ion Ratio Lower Upper
79 100
108 84.3 65.1 97.7
77 61.0 50.6 75.8

Instrument :
BNA_F
ClientSampleId :
MH-21MS

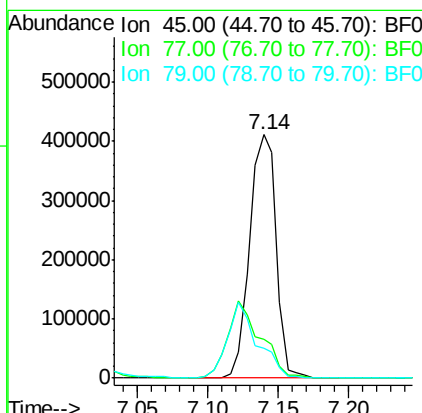
Manual Integrations
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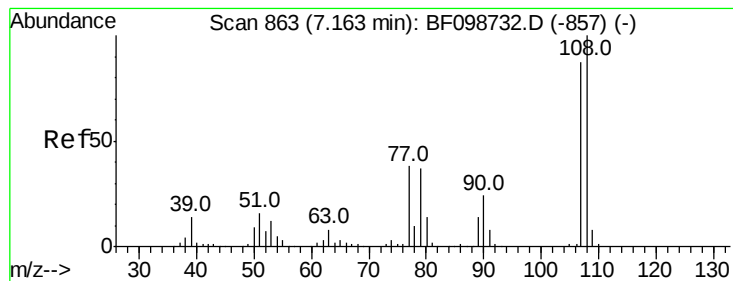
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.910 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion: 45 Resp: 543346
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.9
79 12.1 0.0 29.6





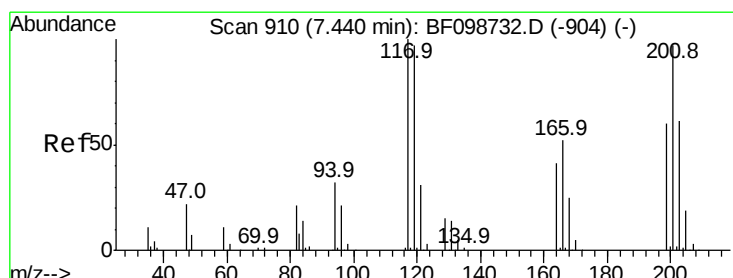
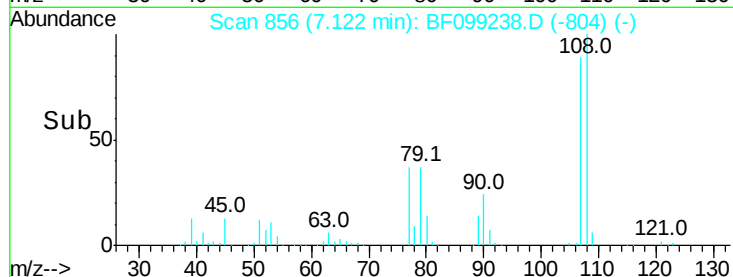
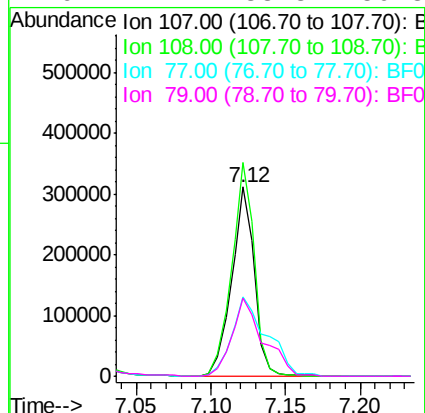
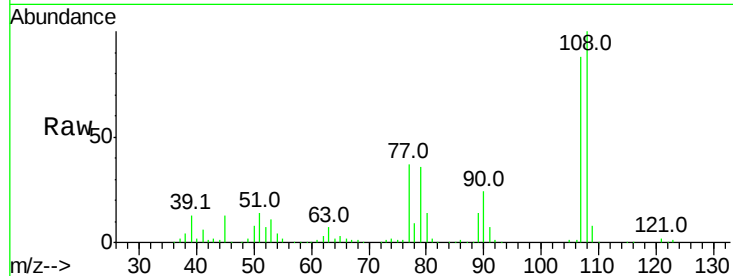
#17
2-Methylphenol
Concen: 41.880 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.7	137.5	
77	41.9	33.8	50.8	
79	41.2	33.8	50.8	

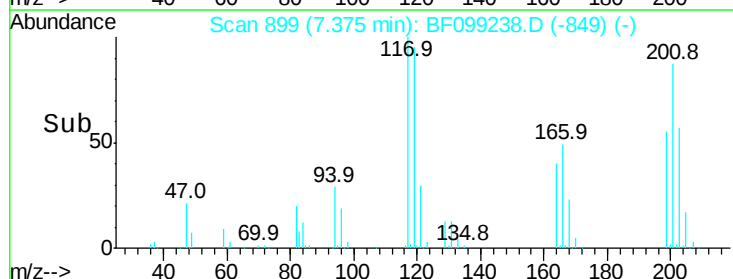
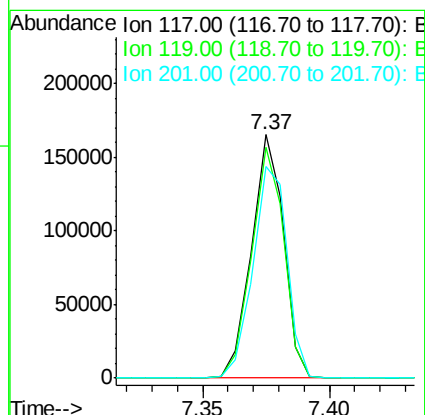
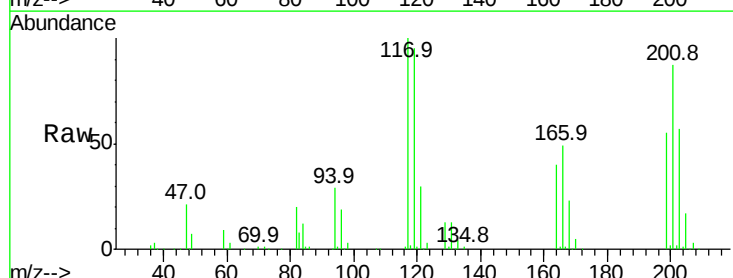
Manual Integrations
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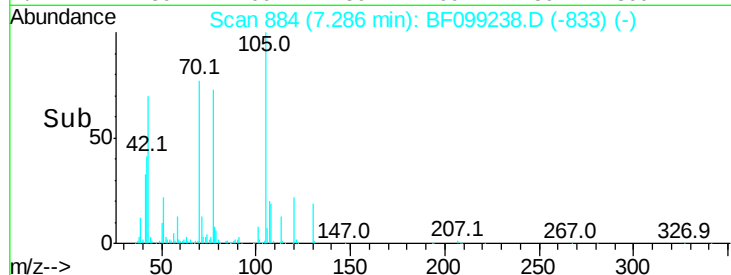
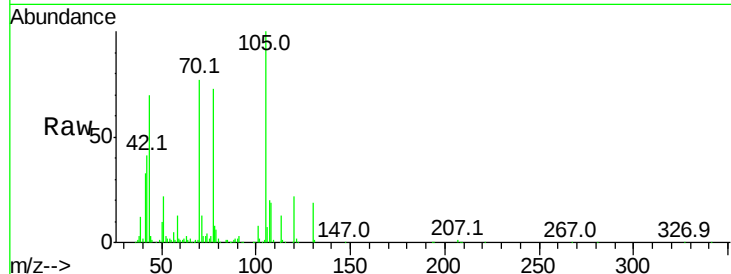
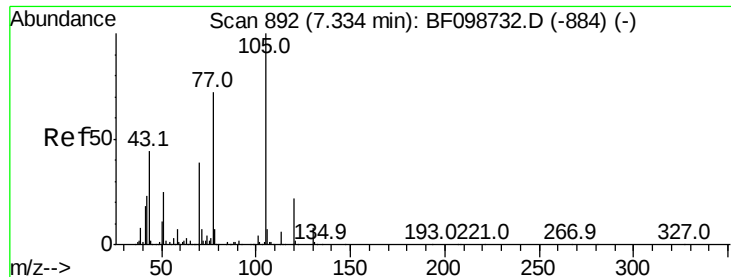
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#18
Hexachloroethane
Concen: 39.293 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.8	
201	87.0	75.7	113.5	





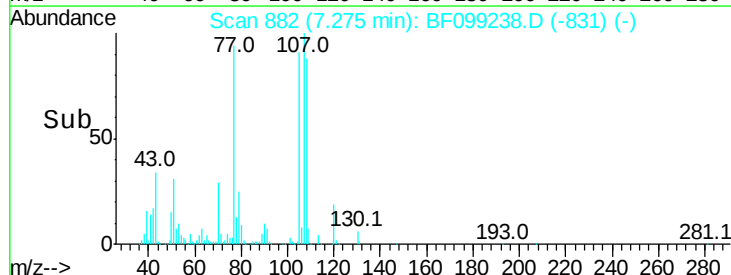
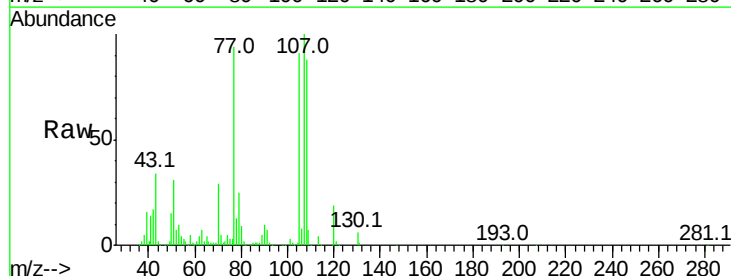
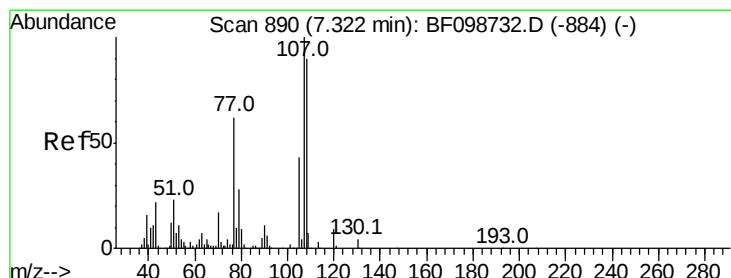
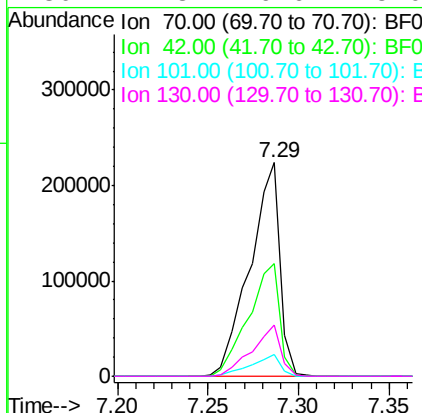
#19
n-Nitroso-di-n-propylamine
Concen: 38.220 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	10.2	7.4	11.2
130	24.3	16.6	25.0

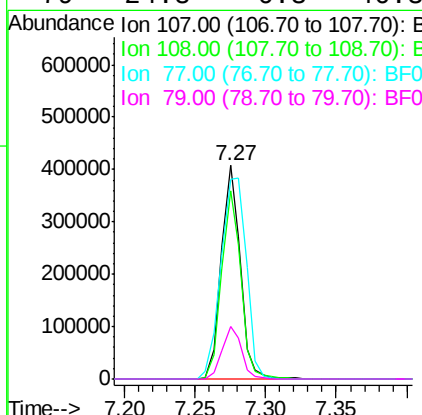
Manual Integrations
APPROVED

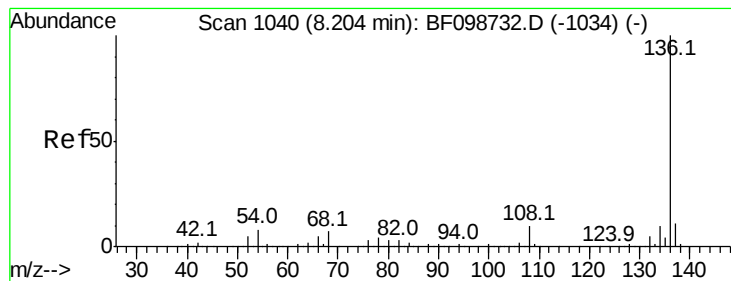
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#20
3+4-Methylphenols
Concen: 38.217 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	93.6	26.7	66.7#
79	24.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

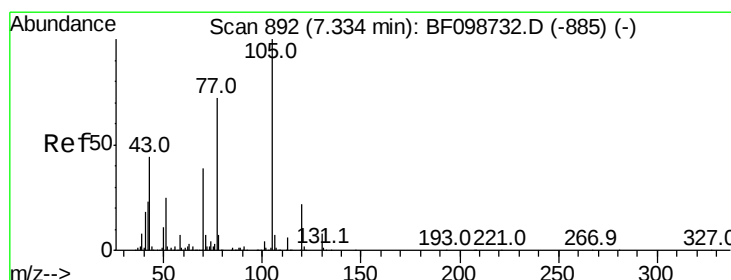
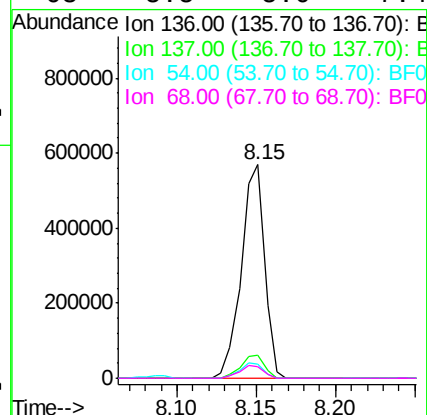
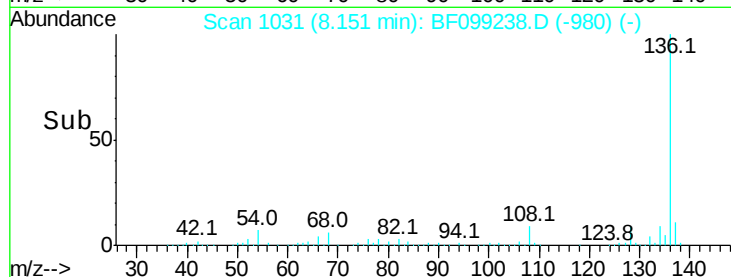
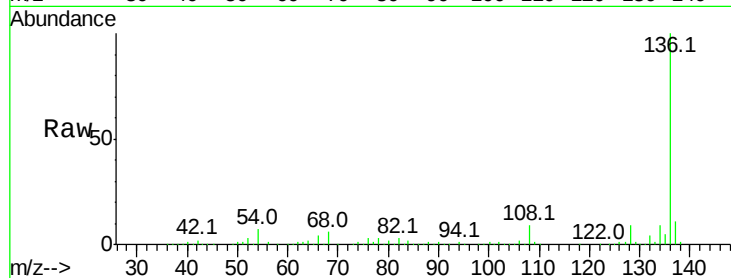
ClientSampleId :

MH-21MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	576241		
137	10.7		8.9	13.3
54	6.8		6.6	9.8
68	5.5		5.0	7.4

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#22

Acetophenone

Concen: 37.671 ng

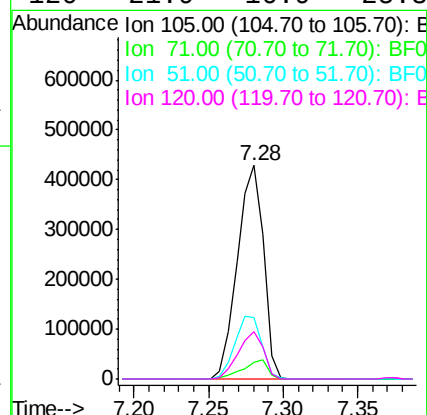
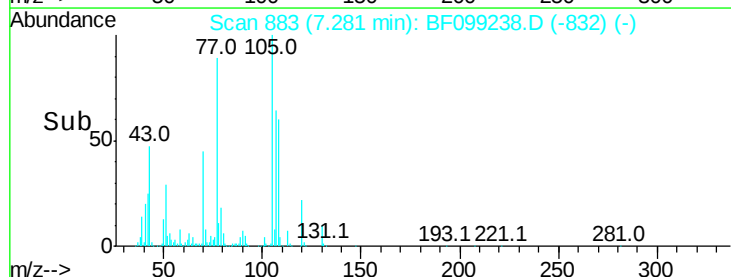
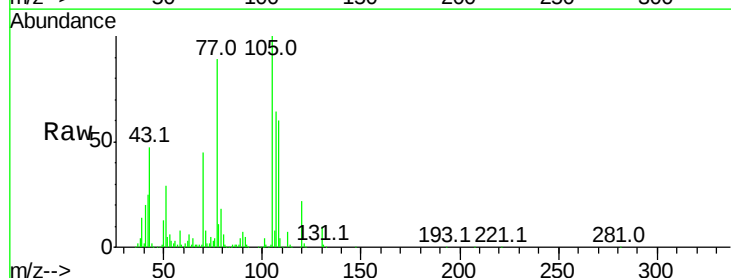
RT: 7.28 min Scan# 883

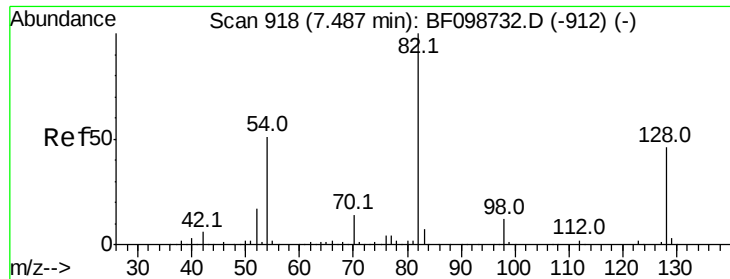
Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	525939		
71	7.5		4.4	6.6#
51	29.1		22.3	33.5
120	21.9		16.9	25.3





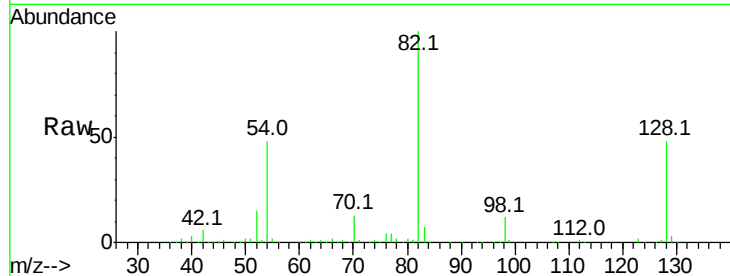
#23
 Nitrobenzene-d5
 Concen: 91.710 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MS

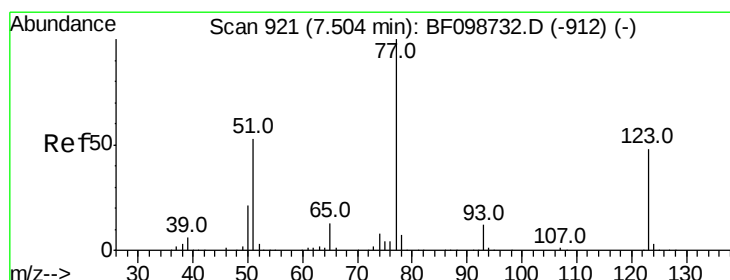
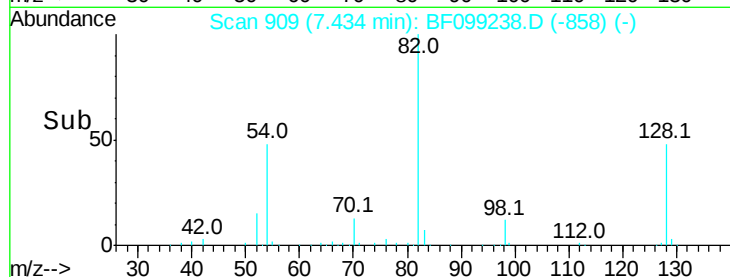
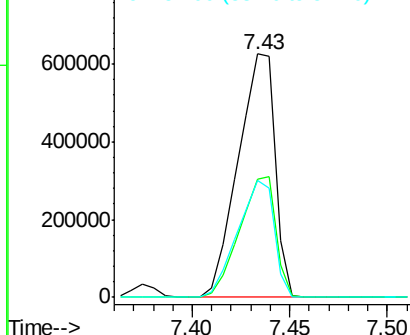
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	48.0	41.4	62.2

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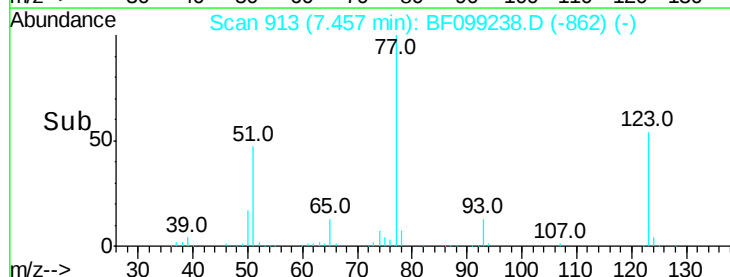
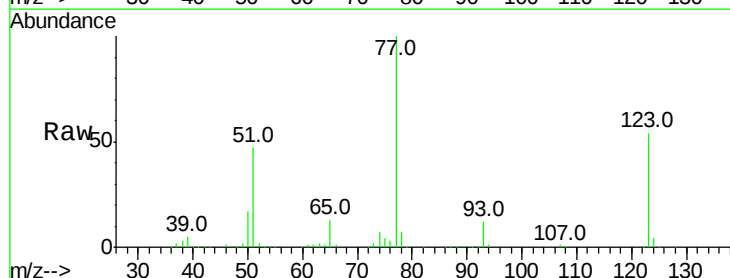
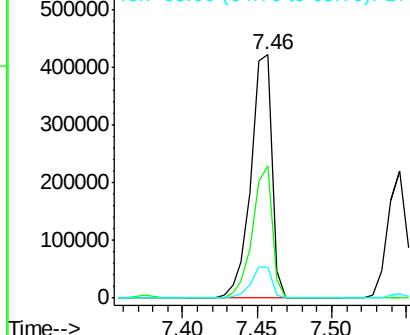
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

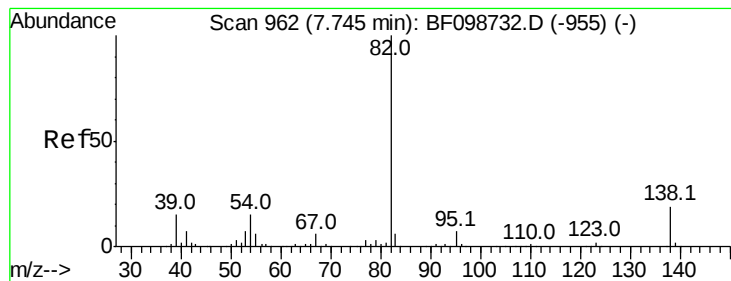


#24
 Nitrobenzene
 Concen: 40.098 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.1	37.9	56.9
65	12.9	11.0	16.4

Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.363 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

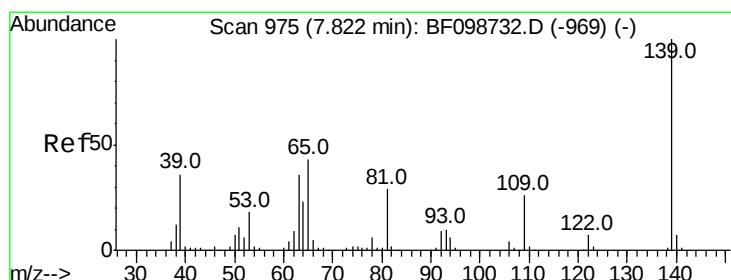
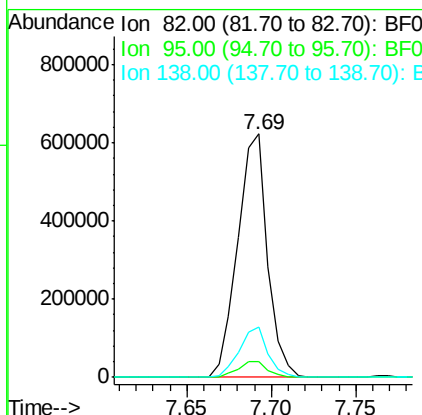
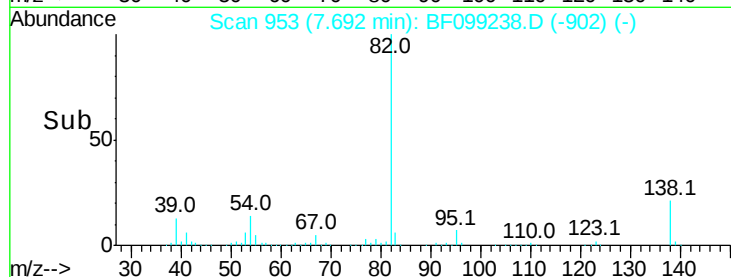
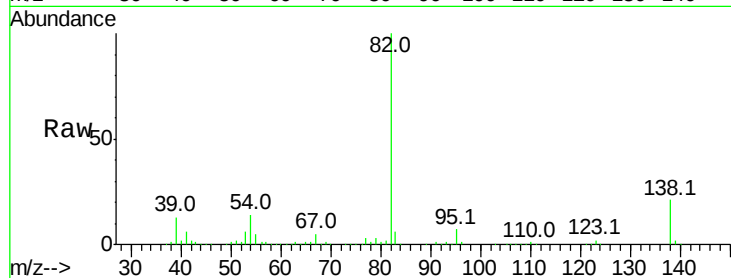
ClientSampleId :

MH-21MS

Tot Ion:	82	Resp:	768416
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	20.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 46.955 ng

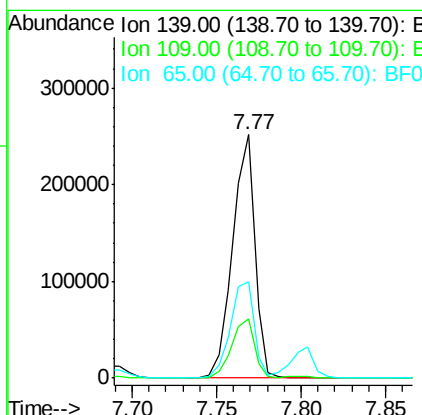
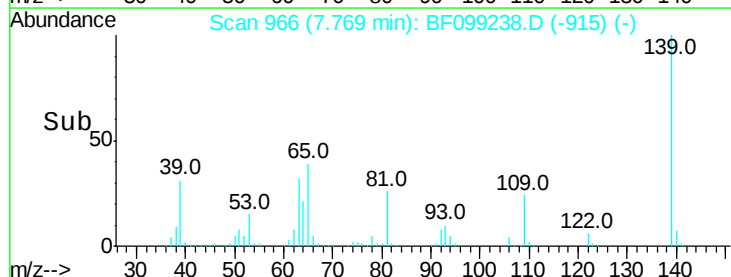
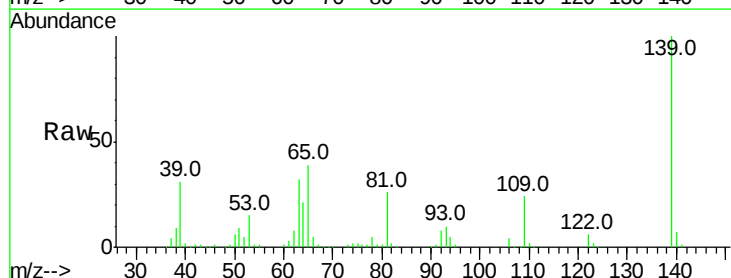
RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion:	139	Resp:	230149
Ion Ratio	Lower	Upper	
139	100		
109	24.5	22.7	34.1
65	39.4	40.5	60.7#





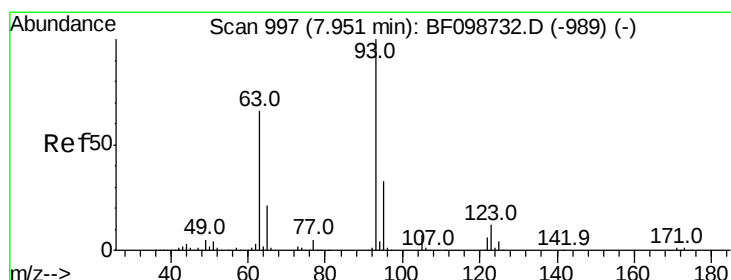
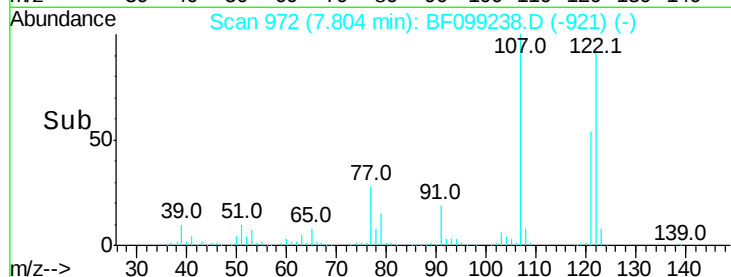
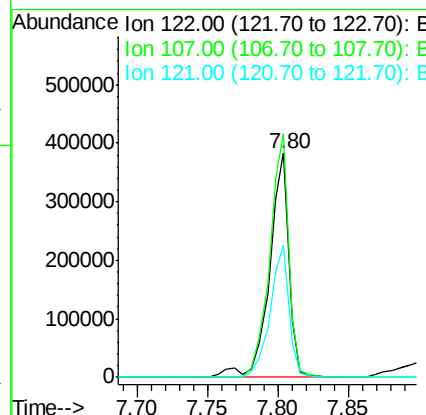
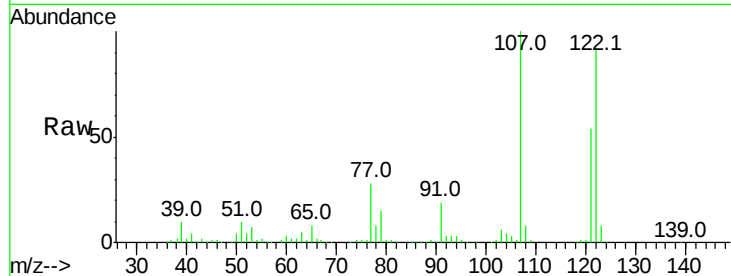
#27
 2,4-Dimethylphenol
 Concen: 40.356 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampled :
 MH-21MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	91.2	136.8
121	59.3	47.2	70.8

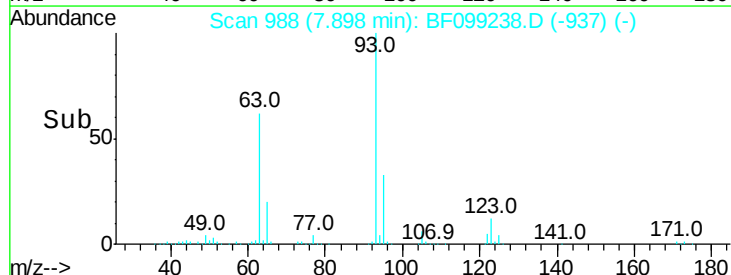
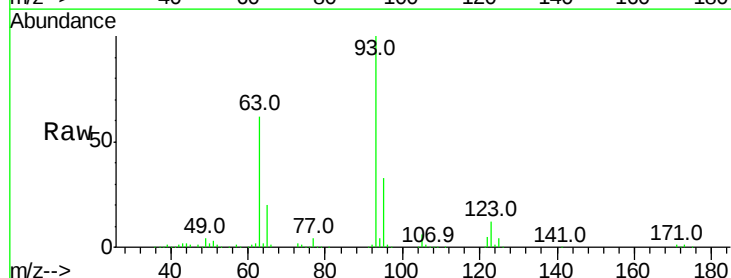
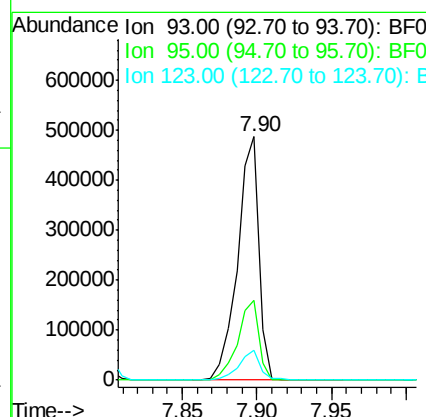
Manual Integrations
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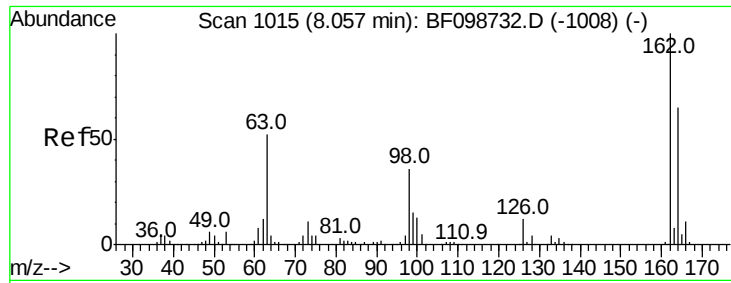
Sohil
 10/9/2017 6:36:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.103 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.2	9.8	14.6





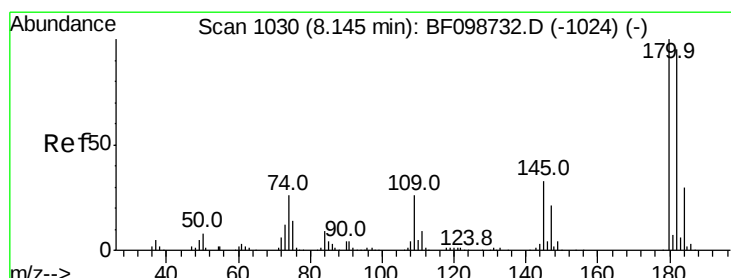
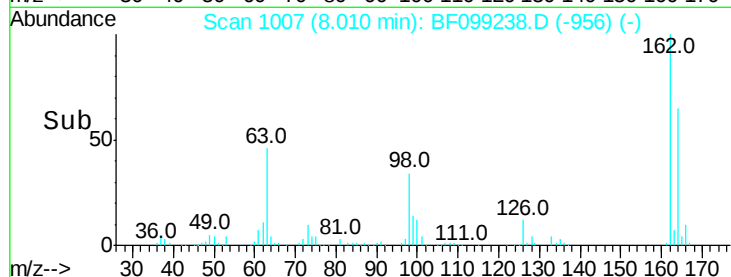
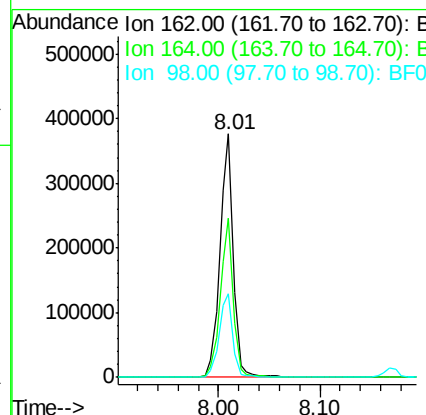
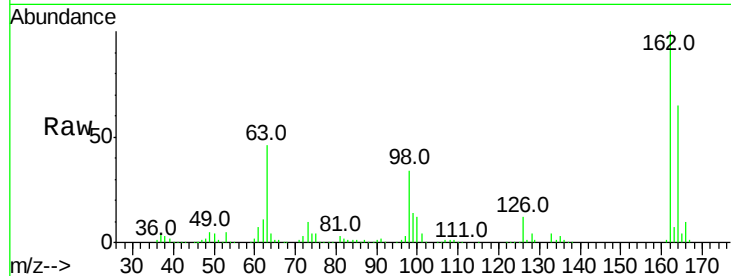
#29
2,4-Dichlorophenol
Concen: 43.273 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampled :
MH-21MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343911		
164	65.3	42.7	82.7	
98	34.1	18.1	58.1	

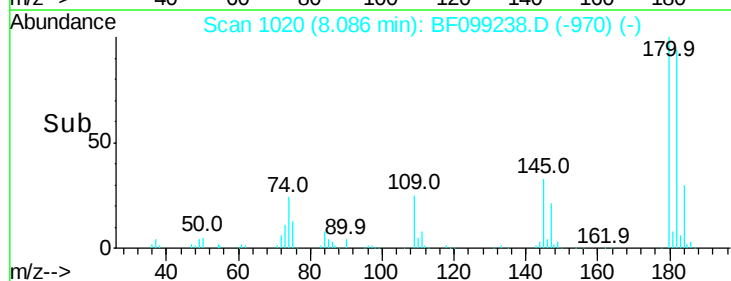
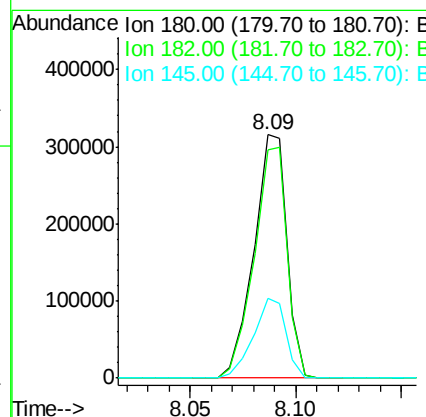
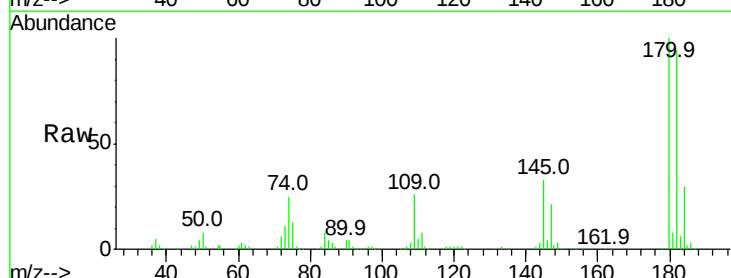
Manual Integrations
APPROVED

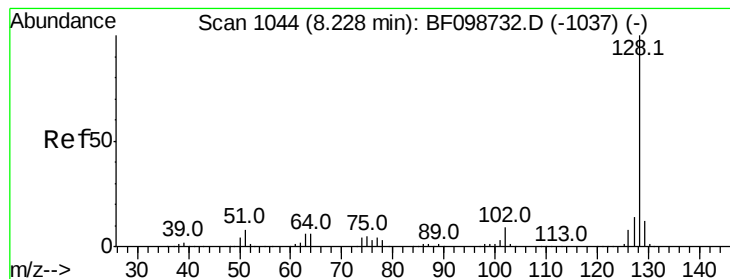
Sohil
10/9/2017 6:36:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.234 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	343656		
182	93.7	76.8	115.2	
145	33.0	26.5	39.7	





#31

Naphthalene

Concen: 42.814 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

MH-21MS

Tot Ion:128 Resp: 1158709

Ion Ratio Lower Upper

128 100

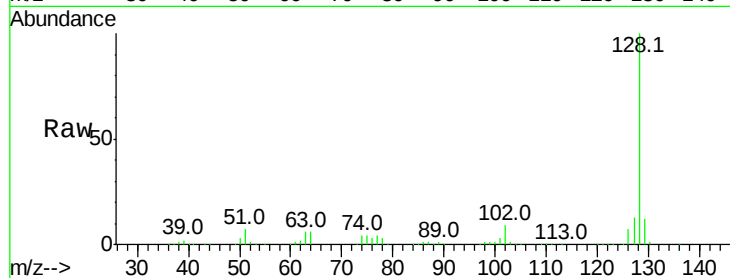
129 11.6 8.8 13.2

127 13.4 10.9 16.3

Manual Integrations
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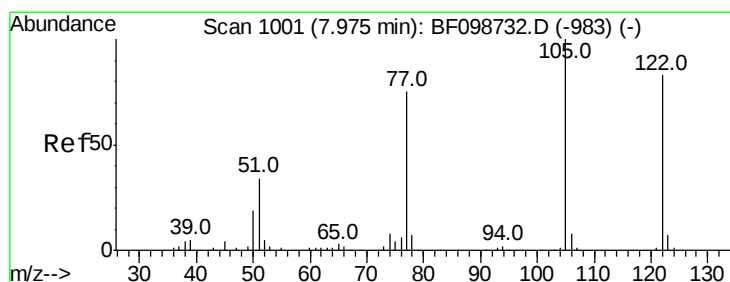
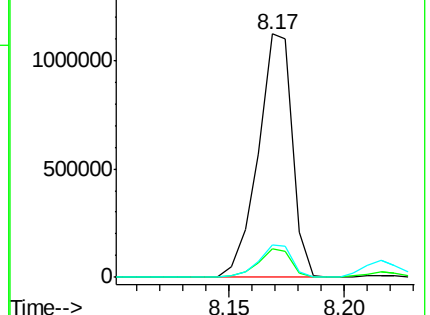
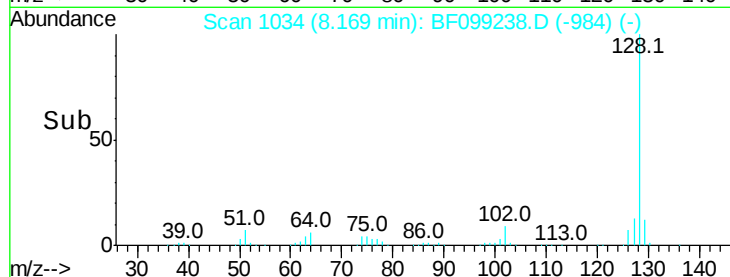
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.803 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

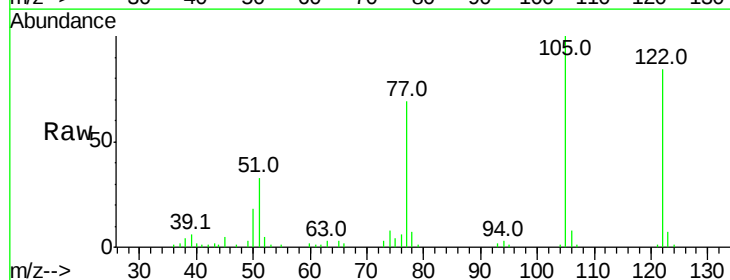
Tgt Ion:122 Resp: 82139

Ion Ratio Lower Upper

122 100

105 119.0 101.1 141.1

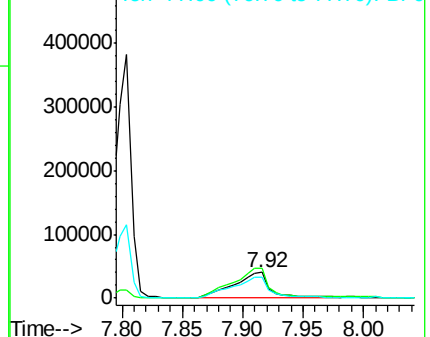
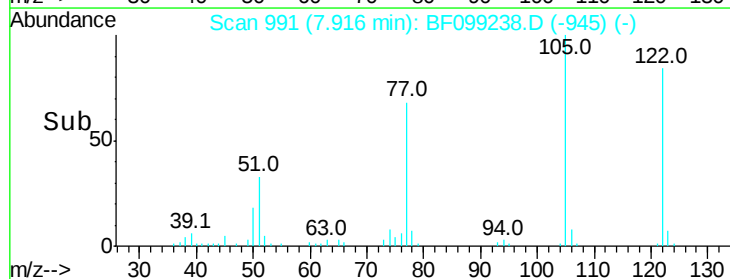
77 82.1 70.7 110.7



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): BF0





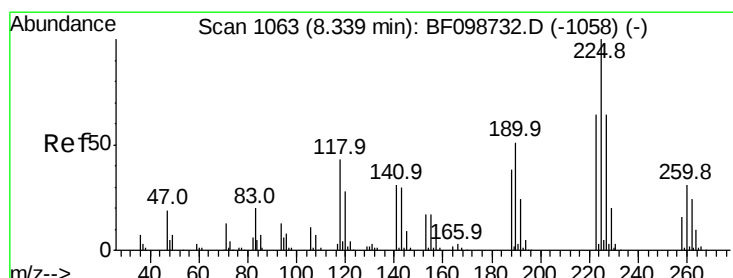
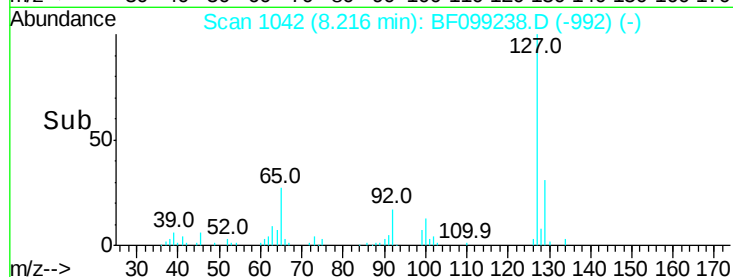
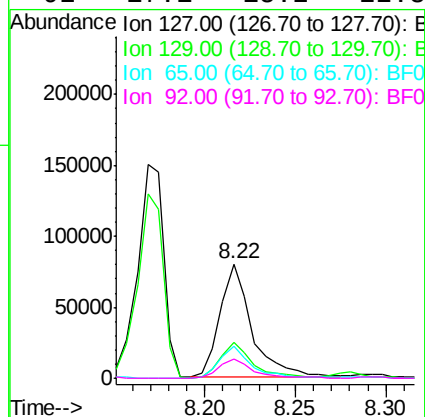
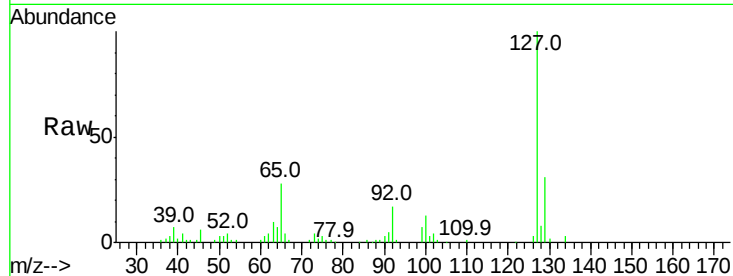
#33
4-Chloroaniline
Concen: 8.743 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampled :
MH-21MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	27.9	25.0	37.4
92	17.1	15.2	22.8

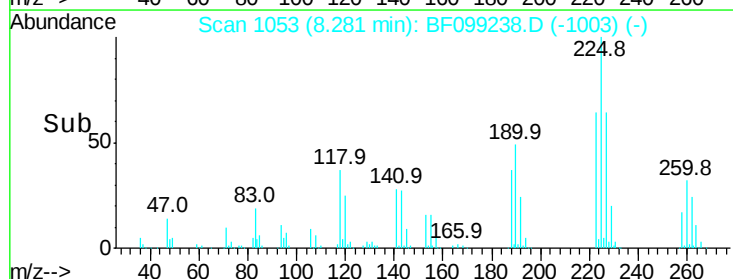
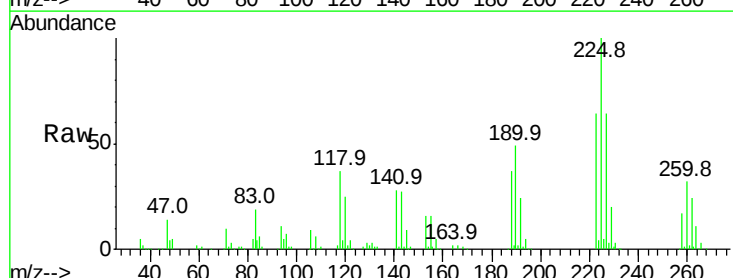
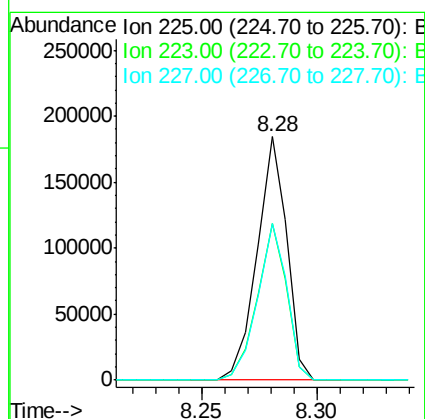
Manual Integrations
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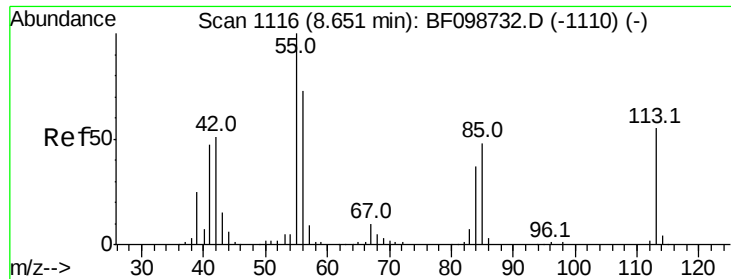
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#34
Hexachlorobutadiene
Concen: 40.546 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.2	51.9	77.9





#35

Caprolactam

Concen: 39.075 ng/ml

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampled :

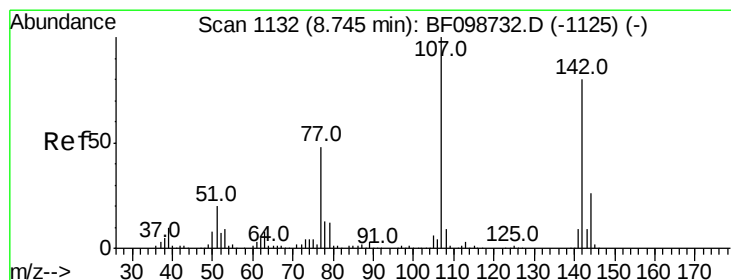
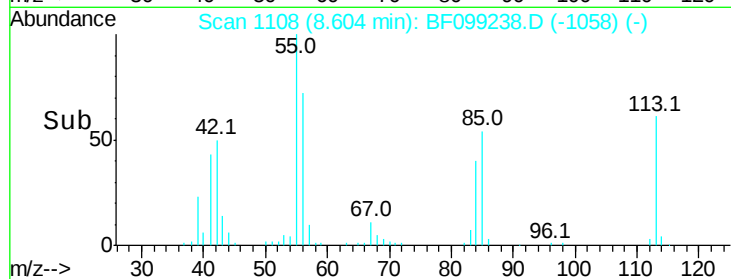
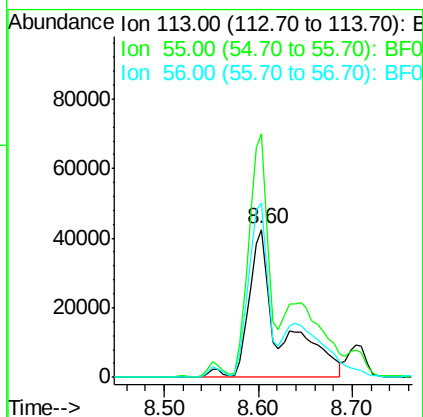
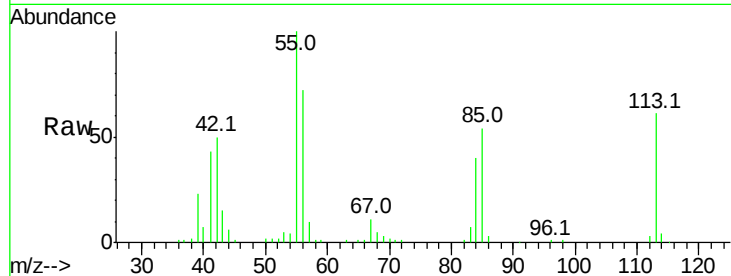
MH-21MS

Tot Ion:113 Resp: 99615

Ion	Ratio	Lower	Upper
113	100		
55	164.4	163.3	203.3
56	117.9	115.7	155.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.193 ng/ml

RT: 8.70 min Scan# 1125

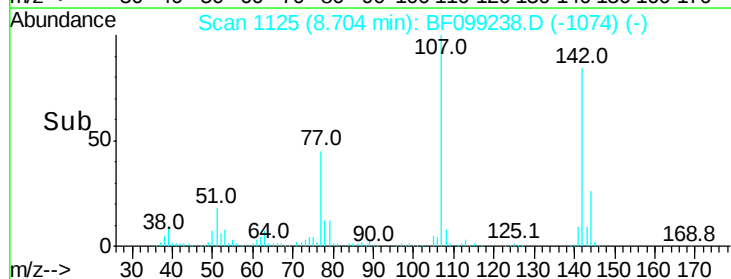
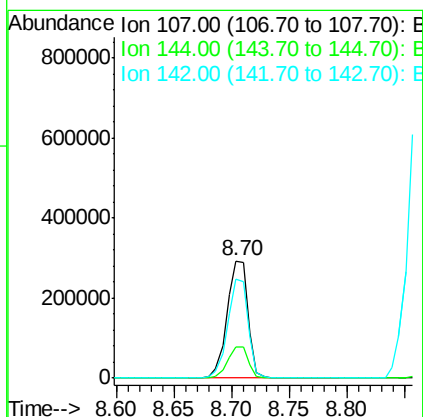
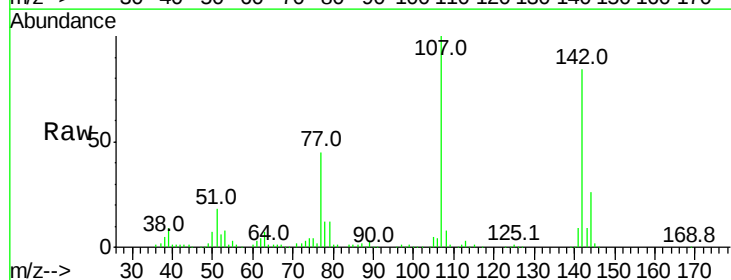
Delta R.T. -0.00 min

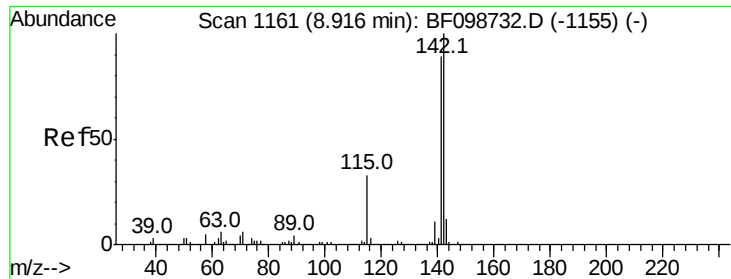
Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion:107 Resp: 367968

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	84.0	62.0	93.0





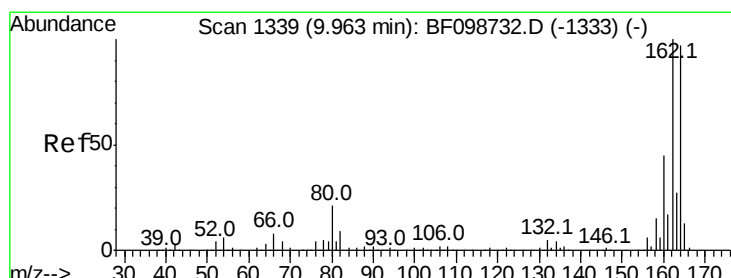
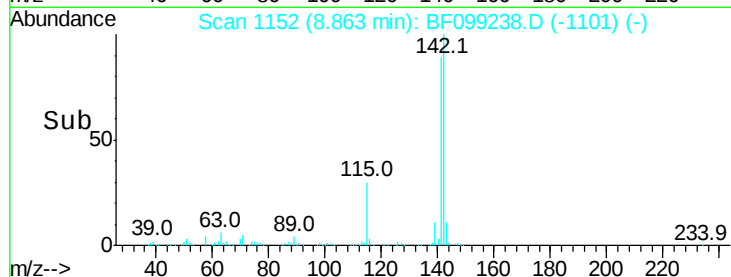
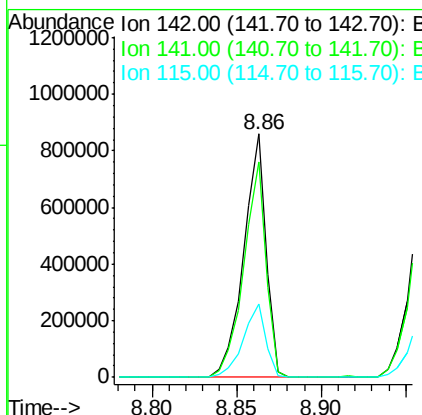
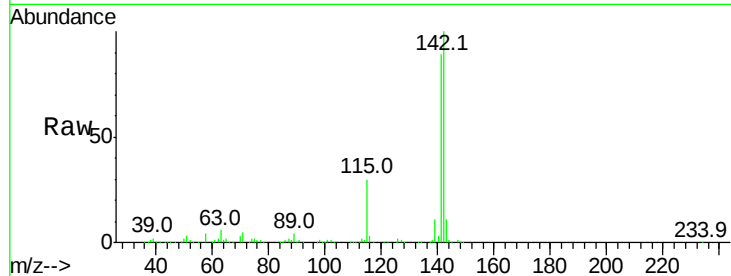
#37
2-Methylnaphthalene
Concen: 45.267 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampled :
MH-21MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	30.4	26.1	39.1

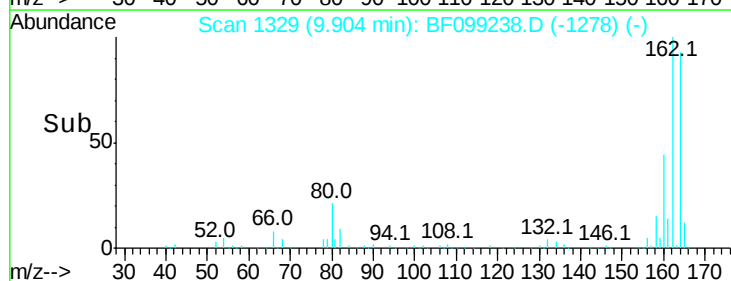
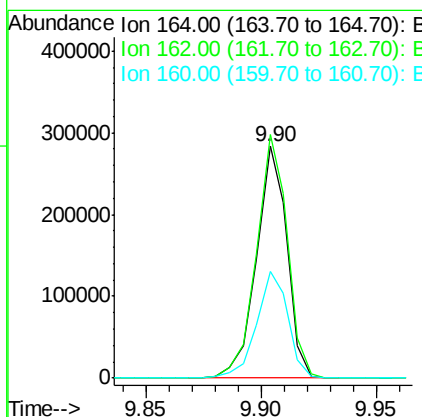
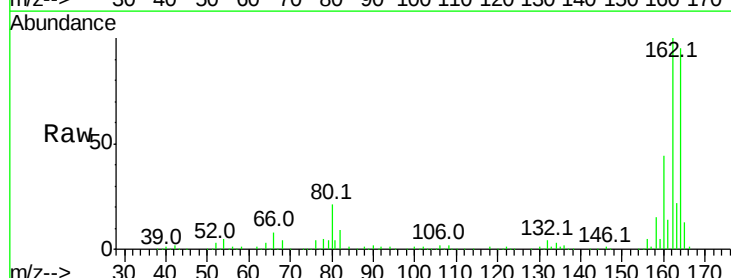
Manual Integrations
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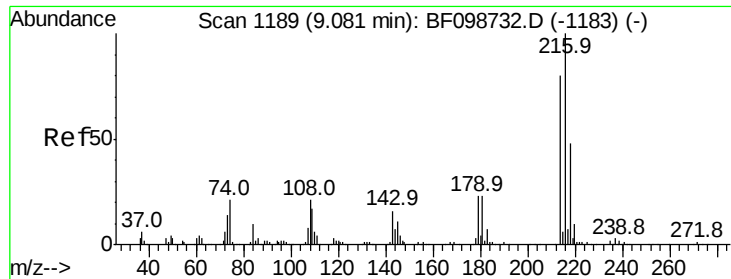
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.189 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

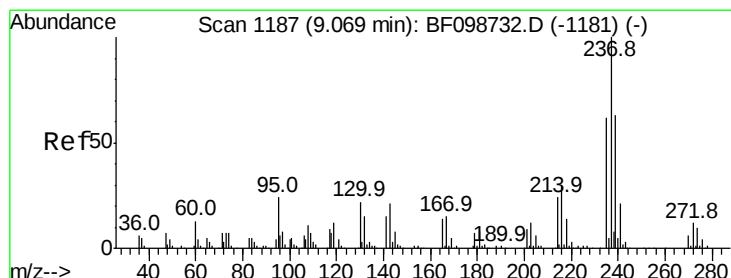
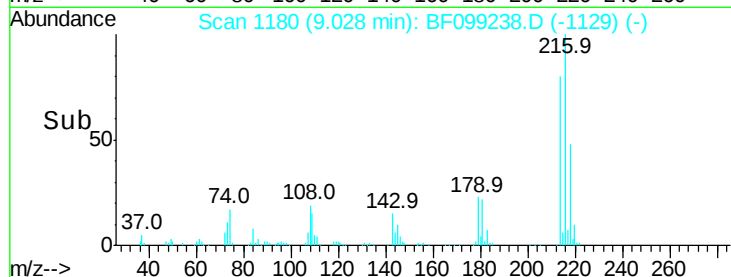
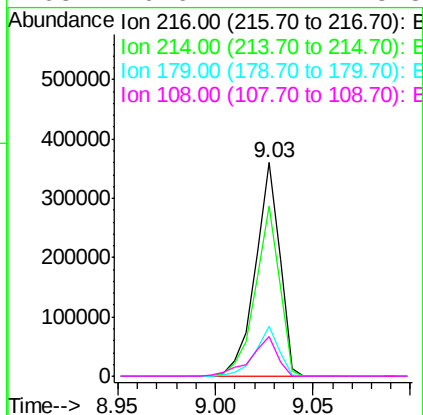
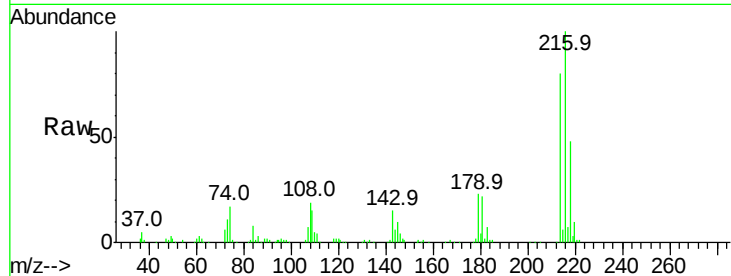
ClientSampled :

MH-21MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	312796		
214	78.9	63.0	94.4	
179	22.3	18.1	27.1	
108	20.6	17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 52.534 ng

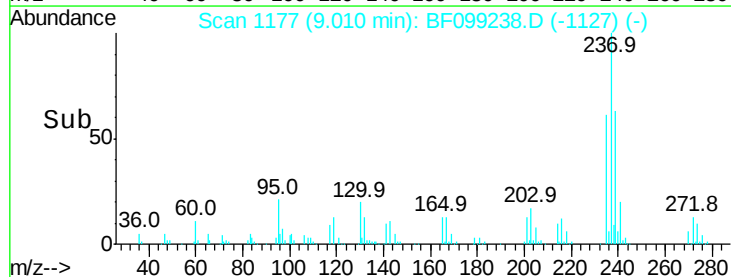
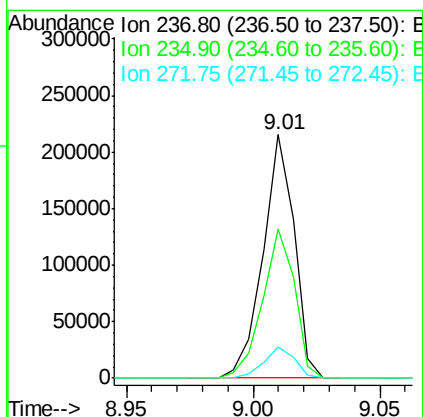
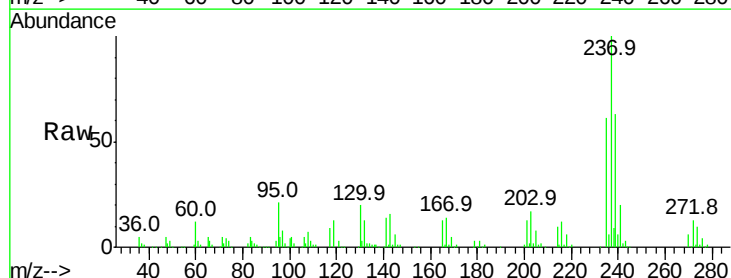
RT: 9.01 min Scan# 1177

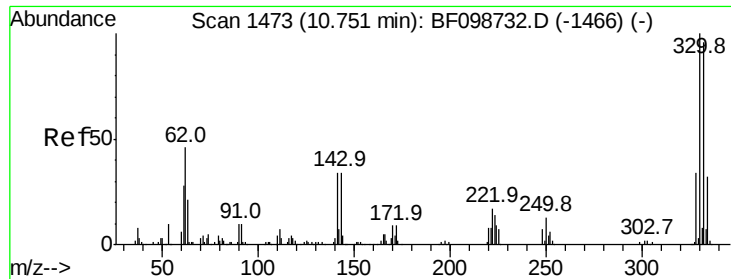
Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	186855		
235	61.3	44.8	84.8	
272	12.8	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 131.801 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

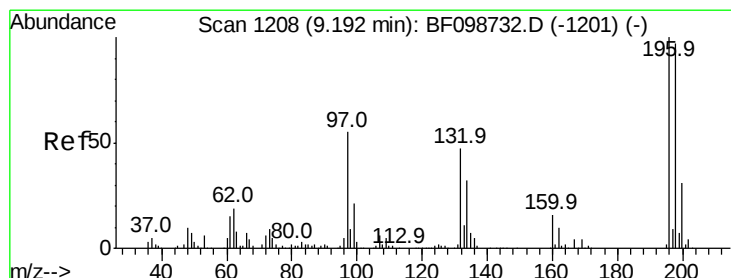
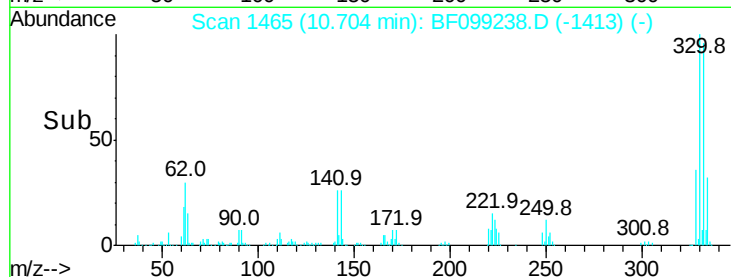
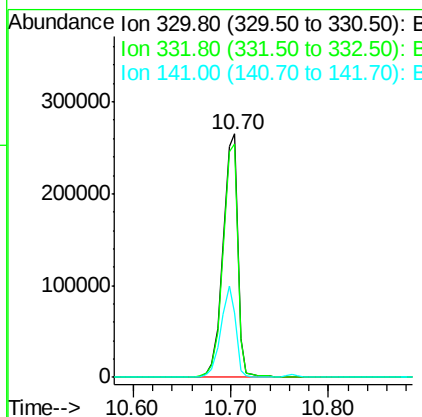
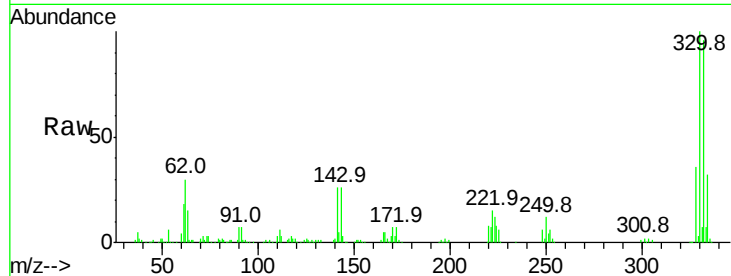
ClientSampleId :

MH-21MS

Tot Ion:	330	Resp:	281463
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	37.1	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 41.332 ng

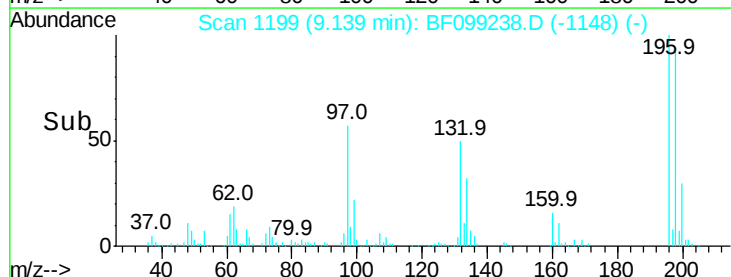
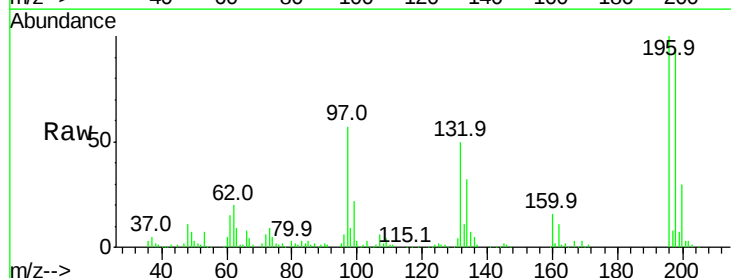
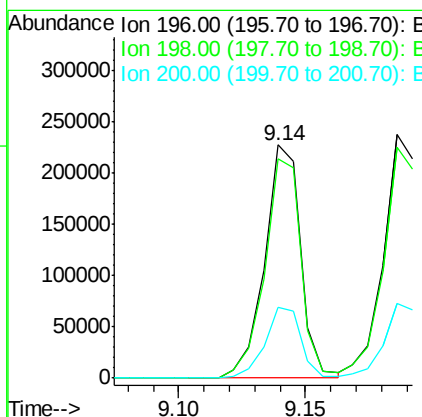
RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion:	196	Resp:	227898
Ion Ratio	Lower	Upper	
196	100		
198	93.9	75.7	113.5
200	30.2	24.5	36.7





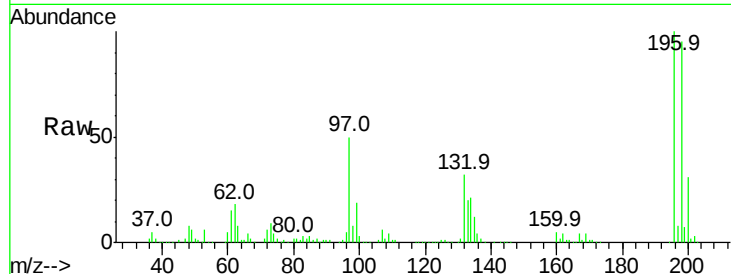
#43
 2,4,5-Trichlorophenol
 Concen: 43.317 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampled :
 MH-21MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	238425		
198	95.0	74.6	112.0	
97	50.0	42.9	64.3	
132	32.2	26.3	39.5	

Manual Integrations
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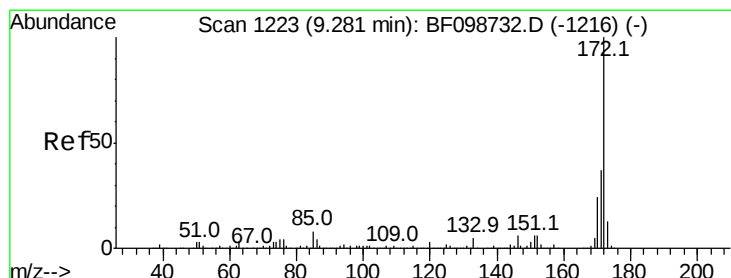
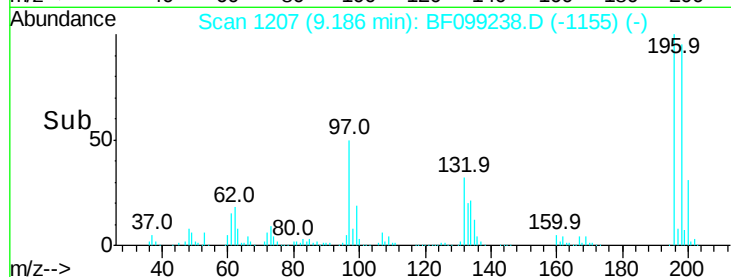
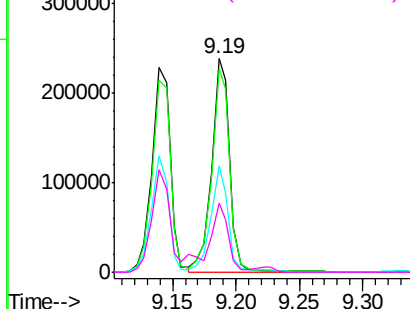
Abundance

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): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.275 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

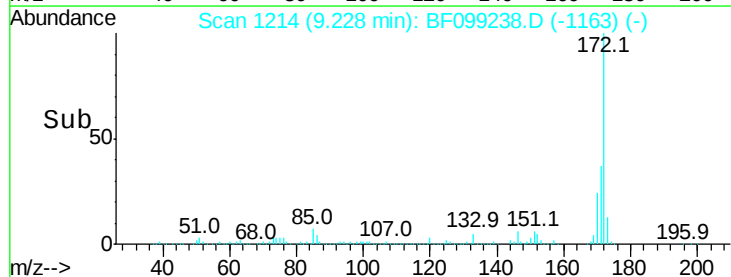
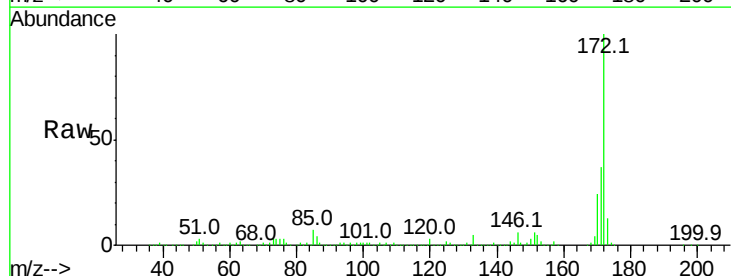
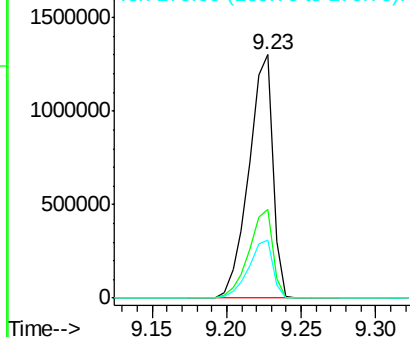
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1442523		
171	36.7	29.7	44.5	
170	24.1	19.6	29.4	

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





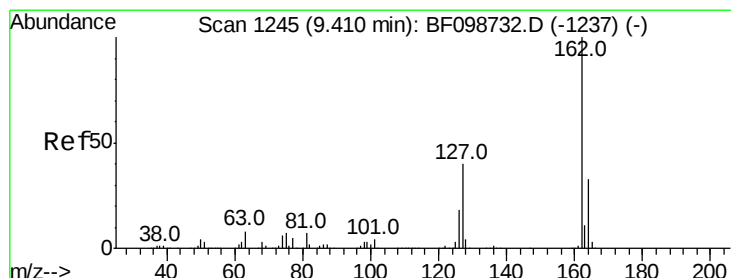
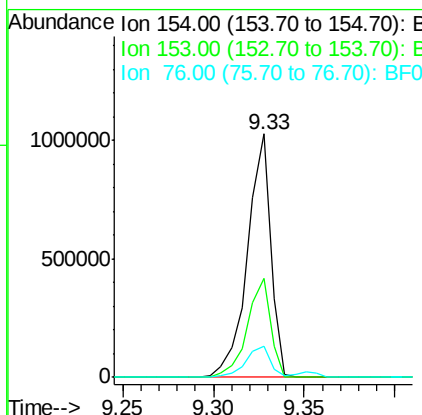
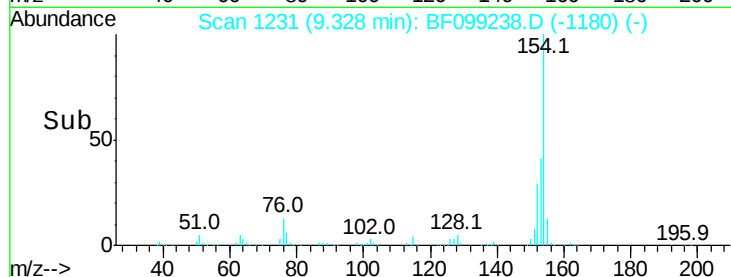
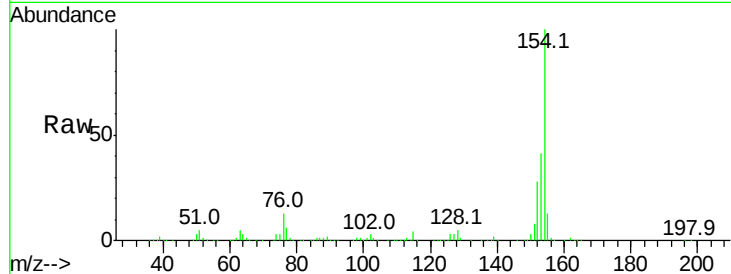
#45
1,1'-Biphenyl
Concen: 40.836 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampled :
MH-21MS

Tot Ion	154	Resp	915926
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.9	0.0	34.0

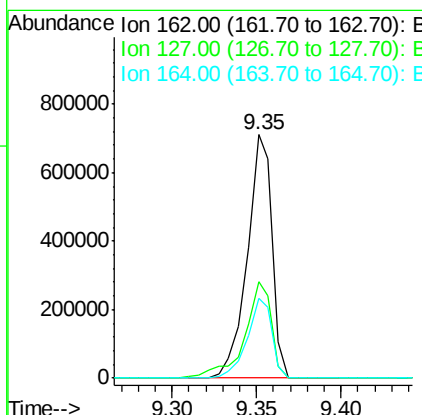
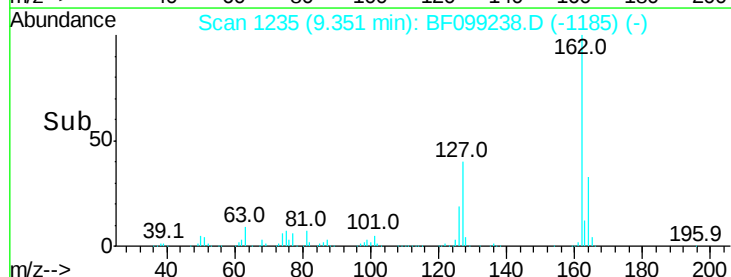
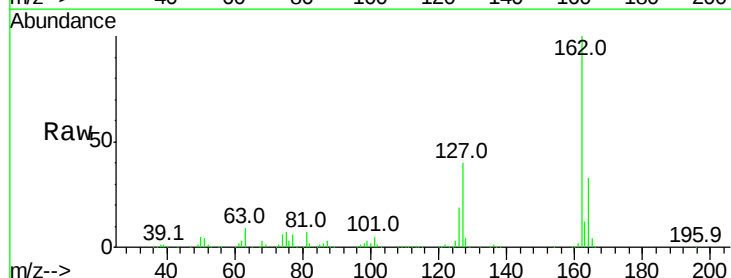
Manual Integrations
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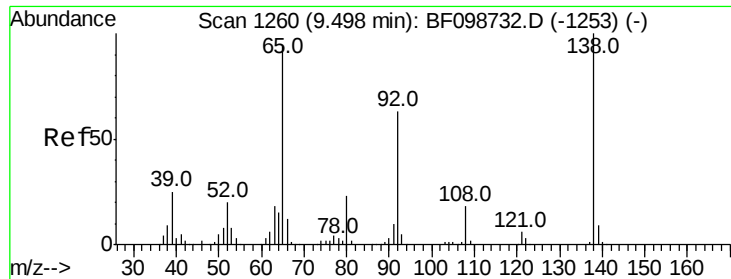
Sohil
10/9/2017 6:36:01 PM



#46
2-Chloronaphthalene
Concen: 43.264 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	162	Resp	728595
Ion Ratio	Lower	Upper	
162	100		
127	39.8	33.9	50.9
164	33.0	26.5	39.7





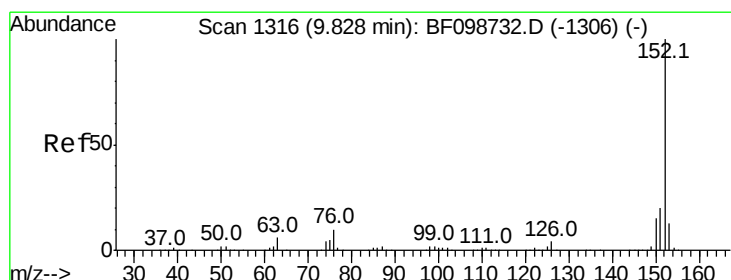
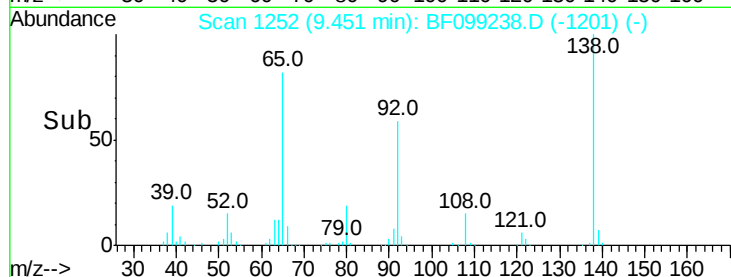
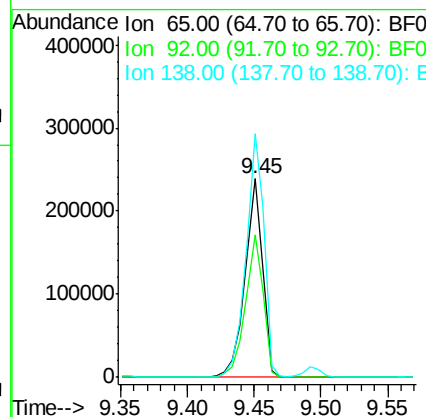
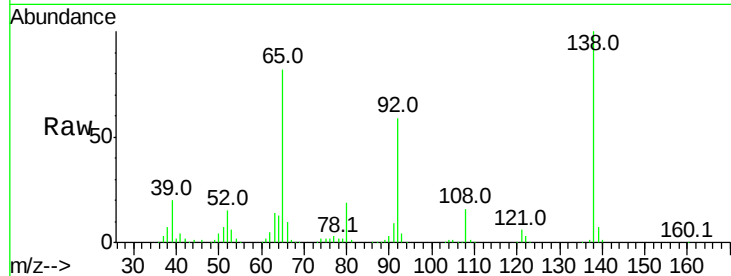
#47
2-Nitroaniline
Concen: 42.641 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	55.8	83.6
138	122.5	91.2	136.8

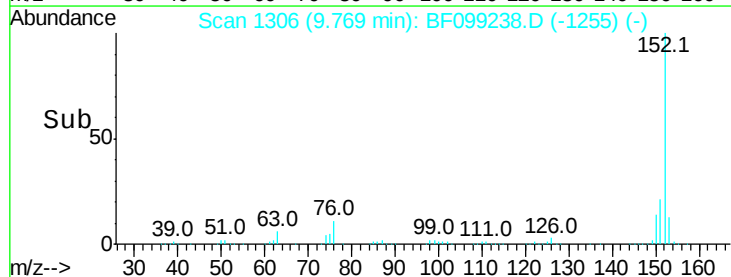
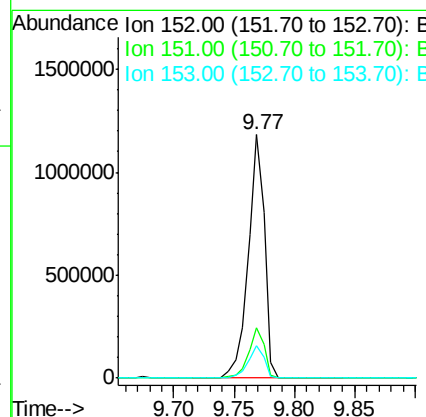
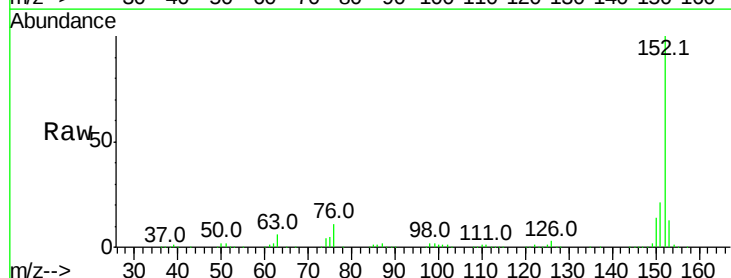
Manual Integrations
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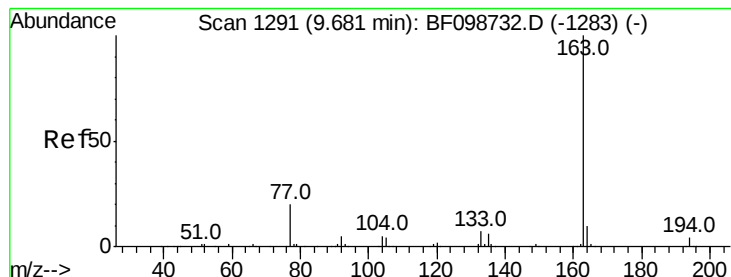
Sohil
10/9/2017 6:36:01 PM



#48
Acenaphthylene
Concen: 42.908 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 45.012 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

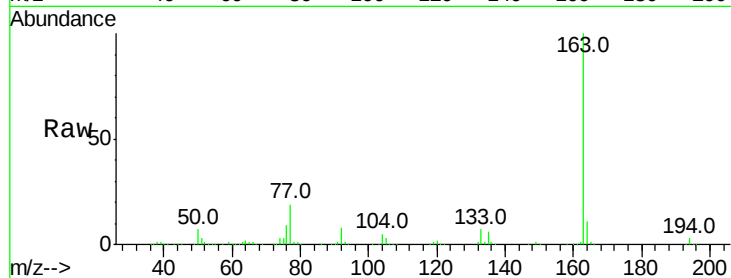
ClientSampled :

MH-21MS

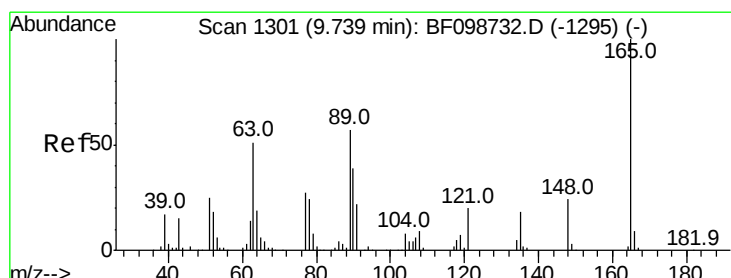
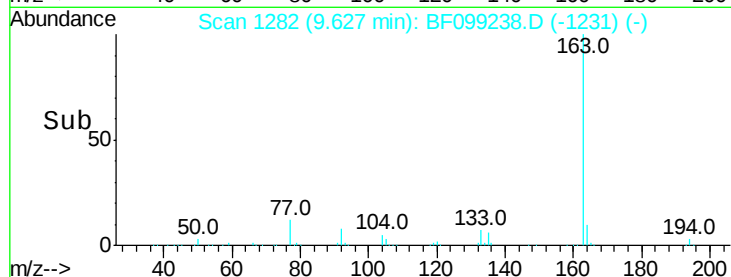
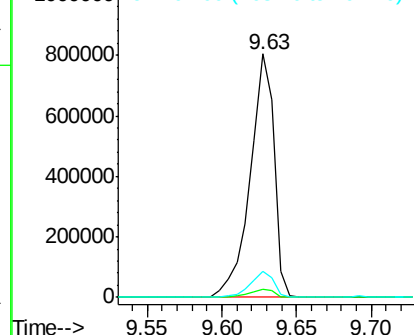
Tot Ion:	163	Resp:	886603
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2

Manual Integrations
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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: 45.578 ng

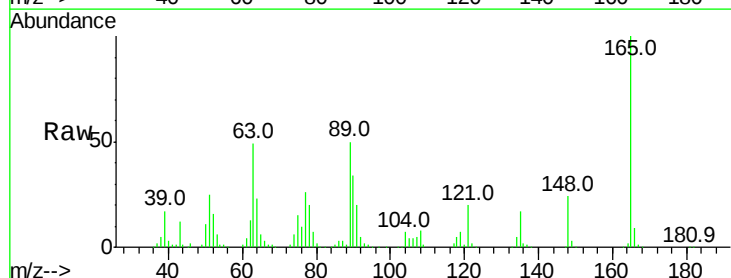
RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

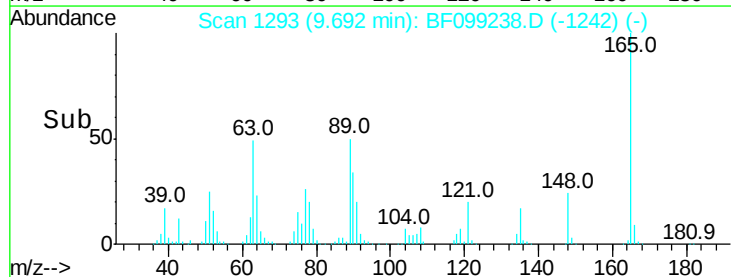
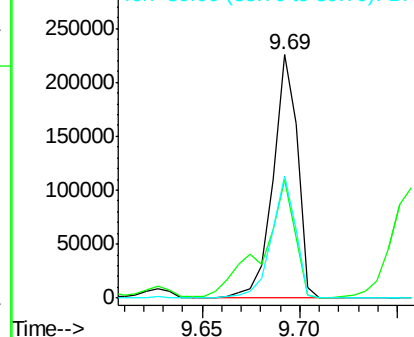
Lab File: BF099238.D

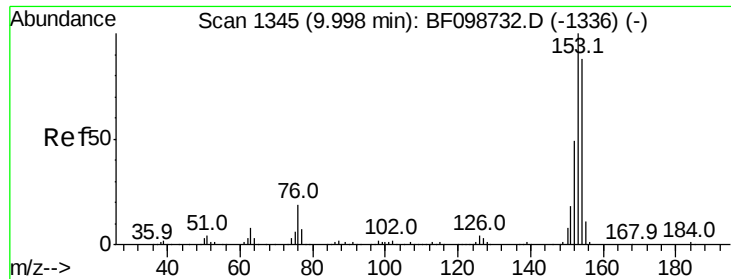
Acq: 8 Oct 2017 18:01

Tgt Ion:	165	Resp:	195446
Ion Ratio	Lower	Upper	
165	100		
63	48.6	44.7	67.1
89	50.2	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





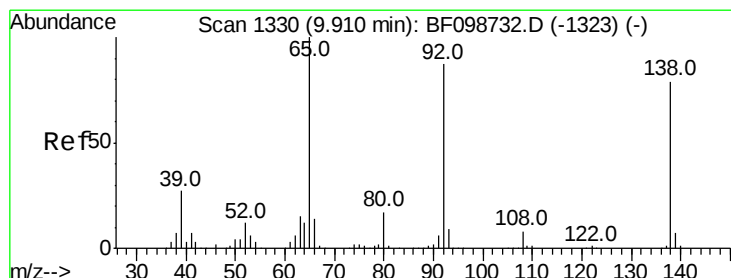
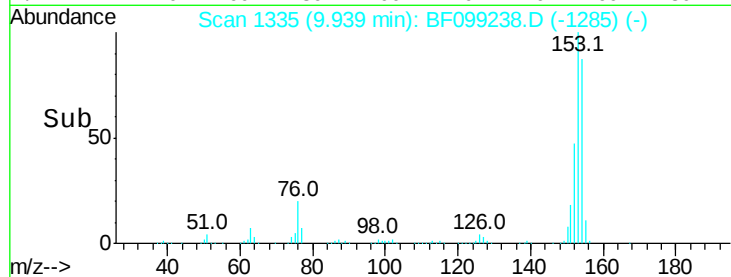
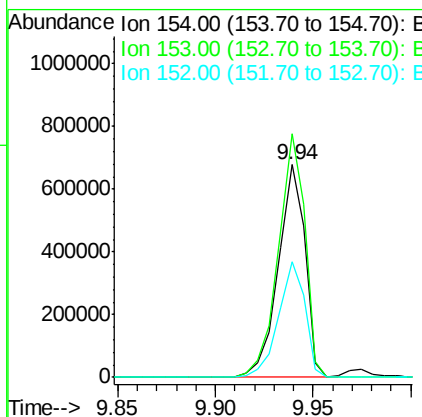
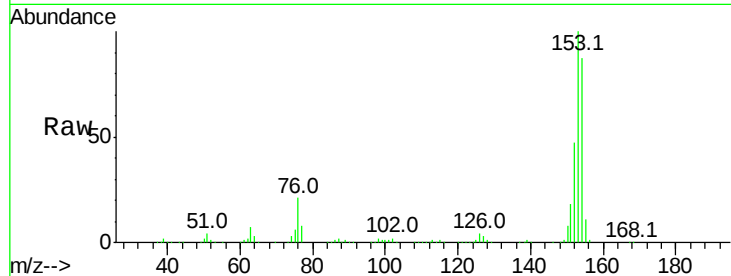
#51
Acenaphthene
Concen: 39.668 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.2	136.8
152	54.1	43.8	65.8

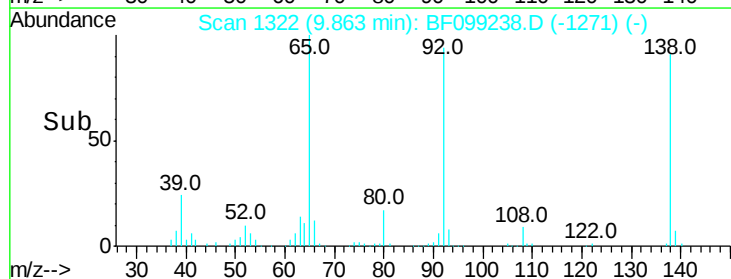
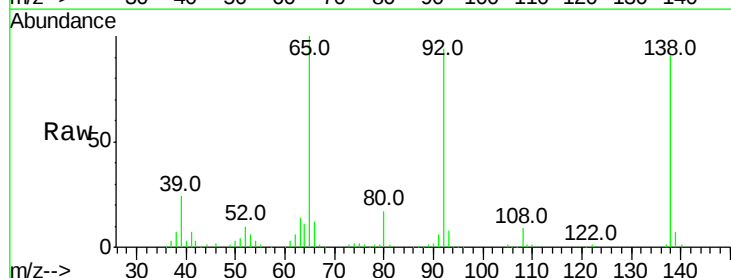
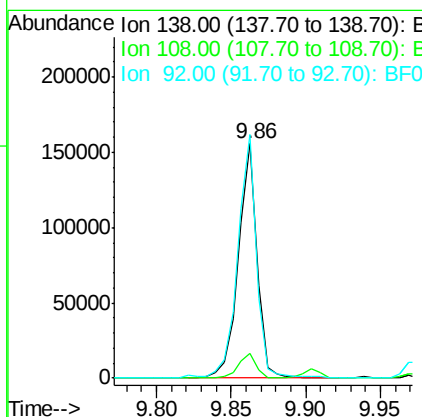
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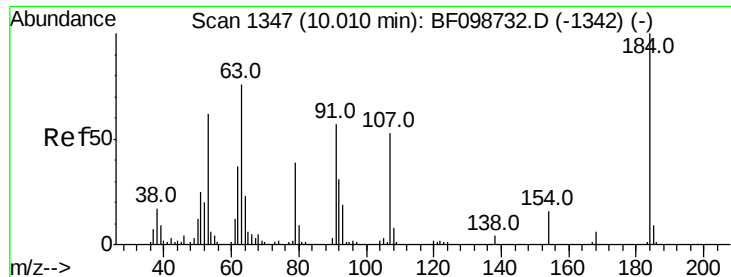
Sohil
10/9/2017 6:36:01 PM



#52
3-Nitroaniline
Concen: 27.448 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	103.9	89.4	134.2





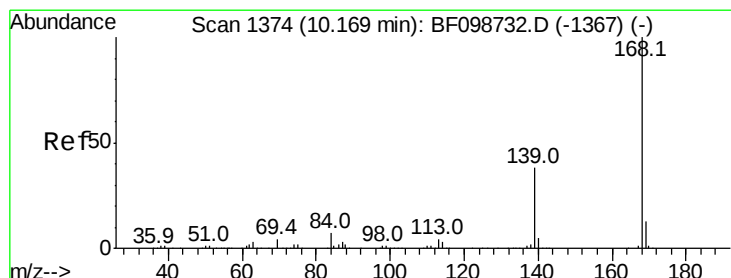
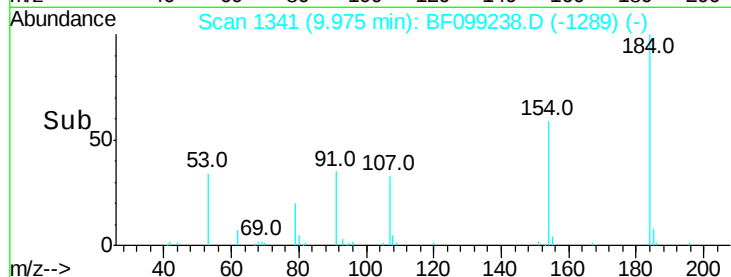
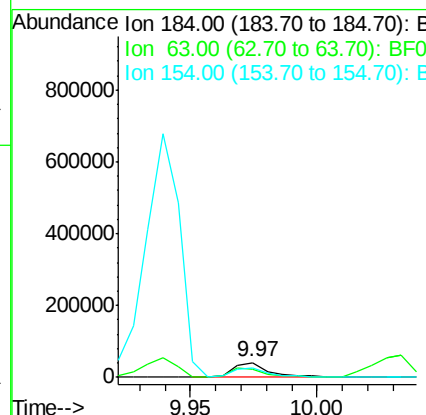
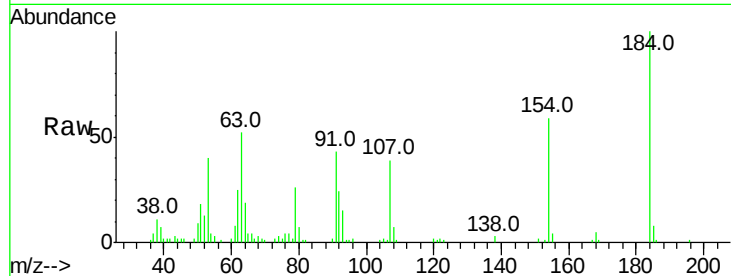
#53
2,4-Dinitrophenol
Concen: 22.962 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.9	54.2	81.2#
154	58.7	53.5	80.3

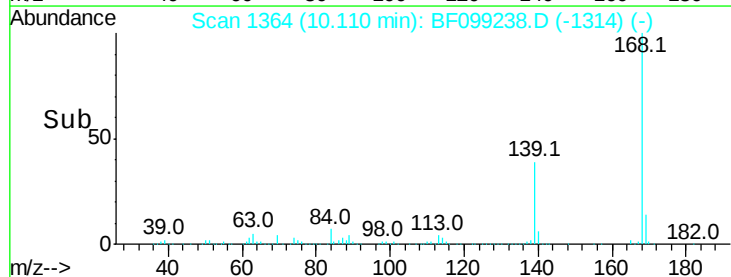
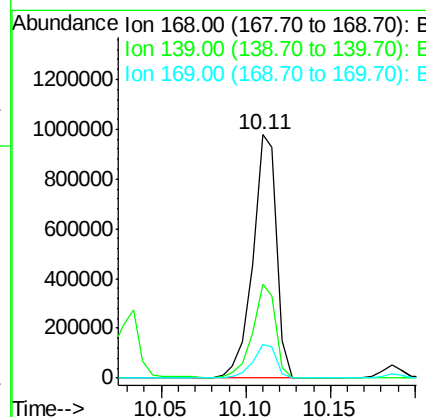
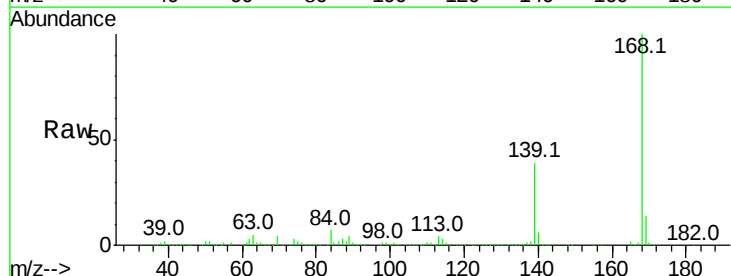
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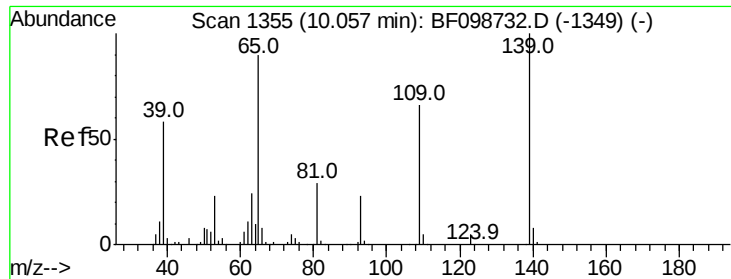
Sohil
10/9/2017 6:36:01 PM



#54
Dibenzofuran
Concen: 44.264 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	14.0	10.9	16.3





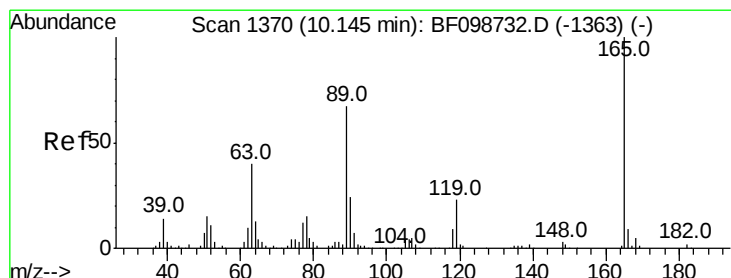
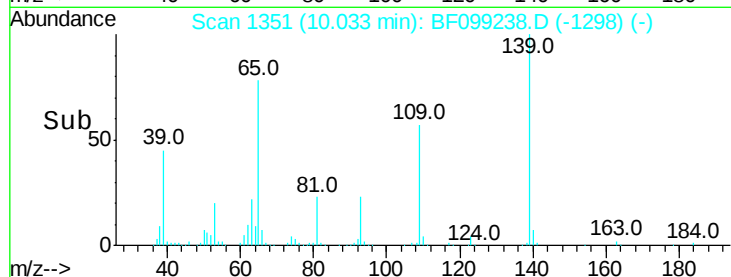
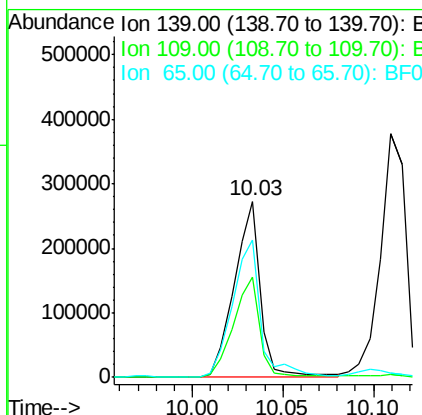
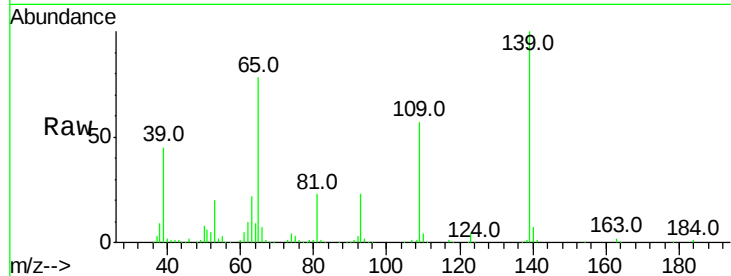
#55
4-Nitrophenol
Concen: 64.740 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampled :
MH-21MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.0	48.4	88.4
65	77.7	72.6	112.6

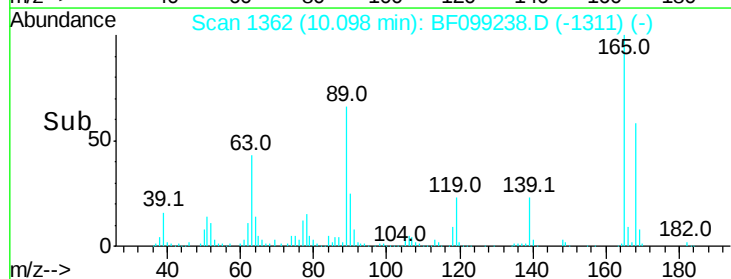
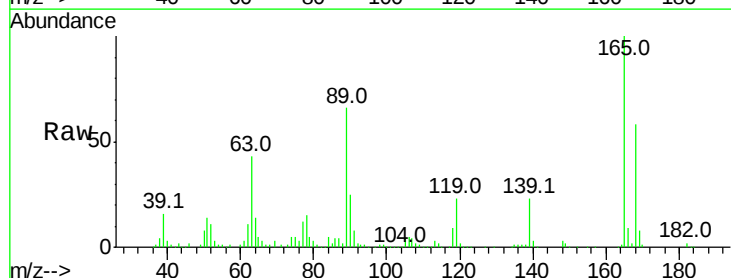
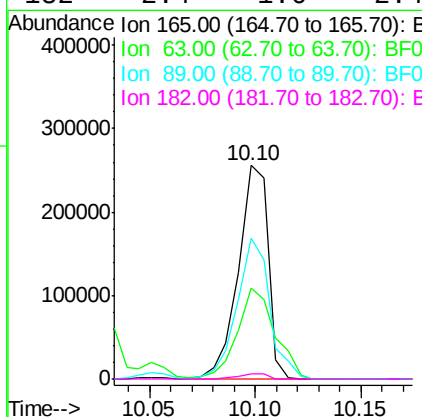
Manual Integrations
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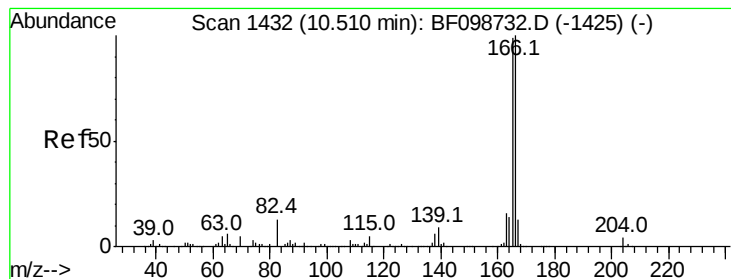
Sohil
10/9/2017 6:36:01 PM



#56
2,4-Dinitrotoluene
Concen: 45.031 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.6	36.4	54.6
89	66.1	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 43.347 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampled :

MH-21MS

Tot Ion:166 Resp: 757552

Ion Ratio Lower Upper

166 100

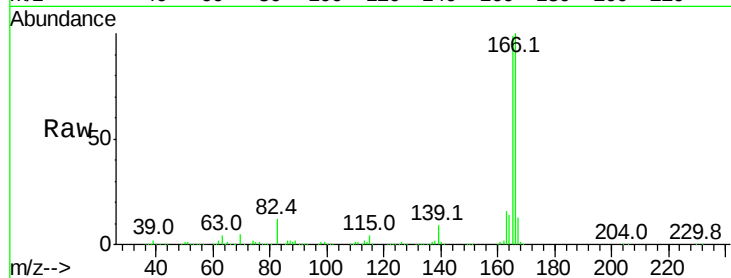
165 98.6 79.8 119.8

167 13.3 10.6 16.0

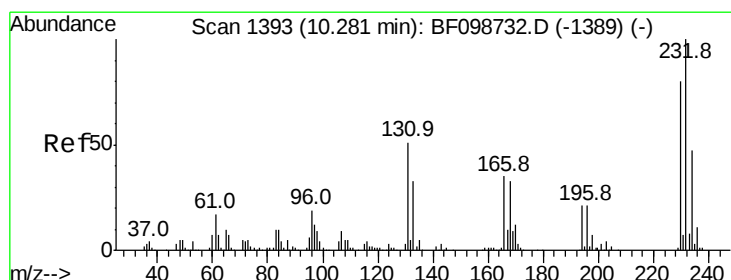
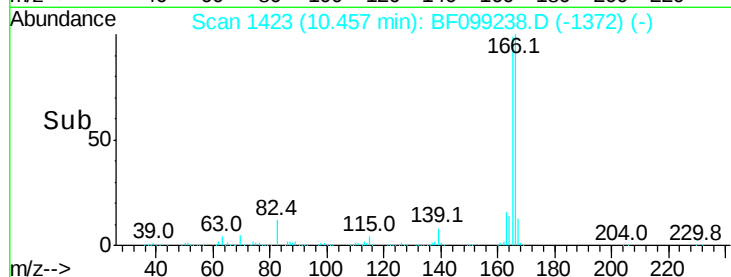
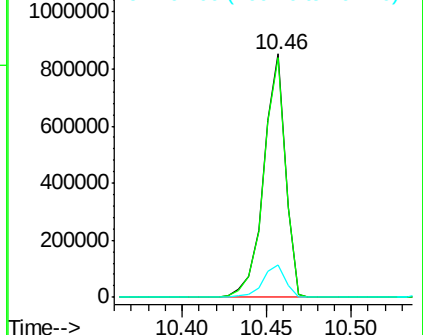
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.129 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion:232 Resp: 175393

Ion Ratio Lower Upper

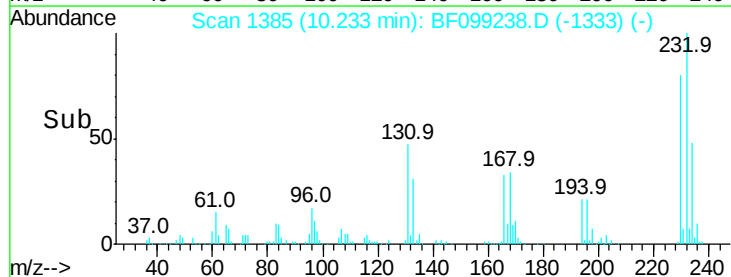
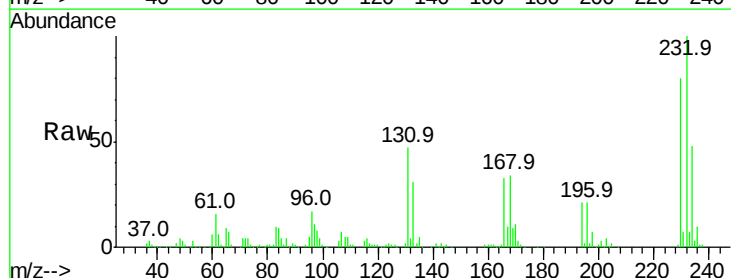
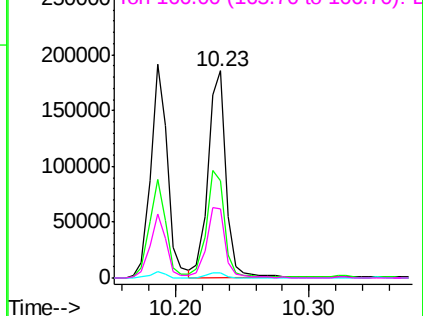
232 100

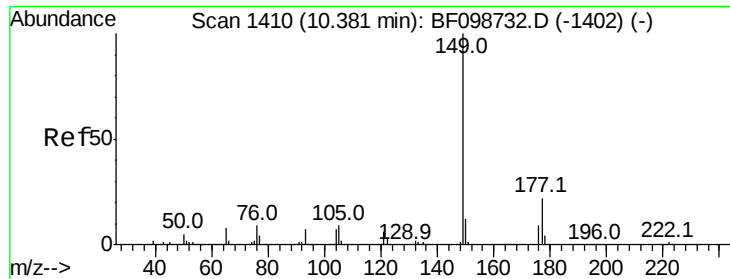
131 51.5 43.8 65.8

130 2.5 2.1 3.1

166 35.9 27.8 41.6

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





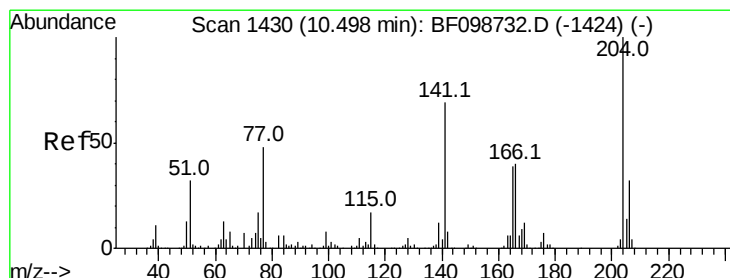
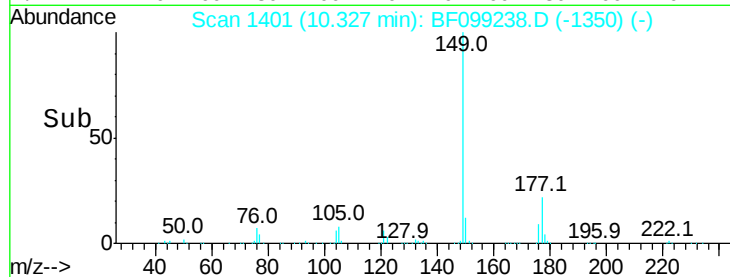
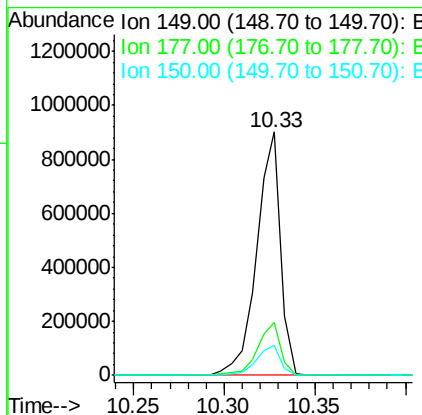
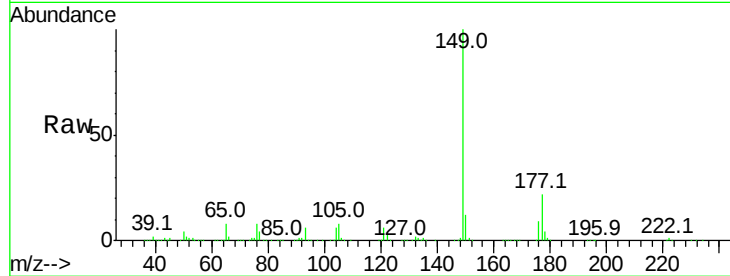
#59
Diethylphthalate
Concen: 42.419 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.3	10.1	15.1

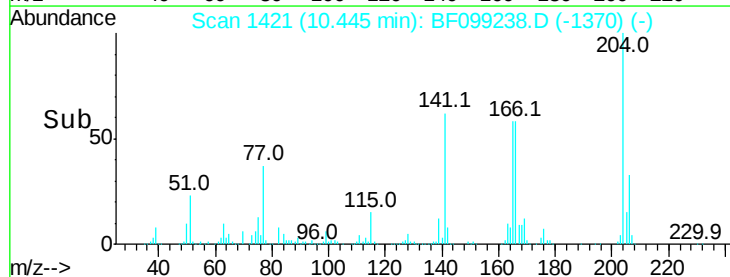
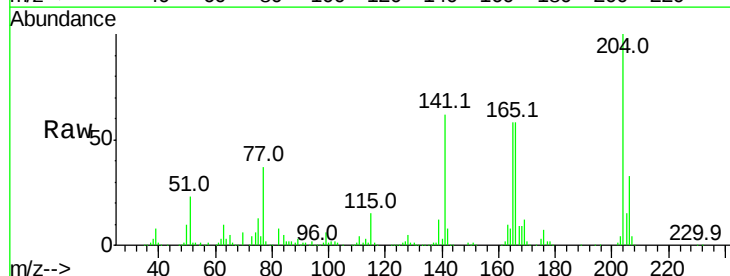
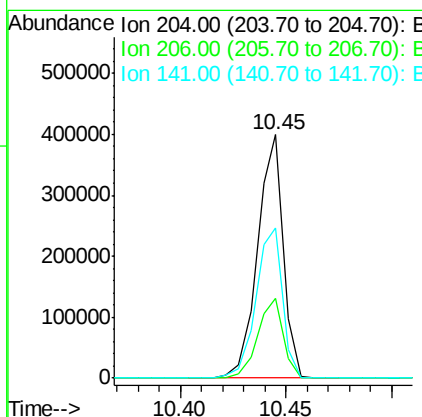
Manual Integrations
APPROVED

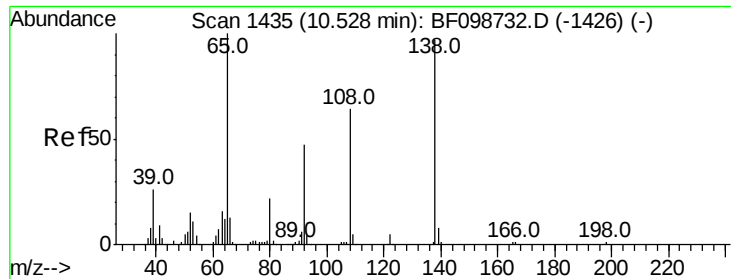
Sohil
10/9/2017 6:36:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.961 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	61.6	54.6	81.8





#61

4-Nitroaniline

Concen: 45.436 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

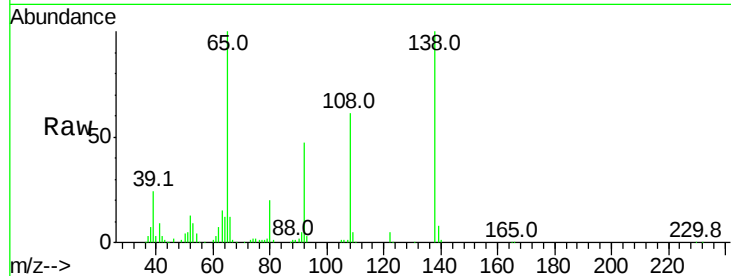
ClientSampled :

MH-21MS

Tot Ion:	138	Resp:	219179
Ion Ratio	Lower	Upper	
138	100		
92	46.7	30.2	70.2
108	61.1	52.5	92.5

Manual Integrations
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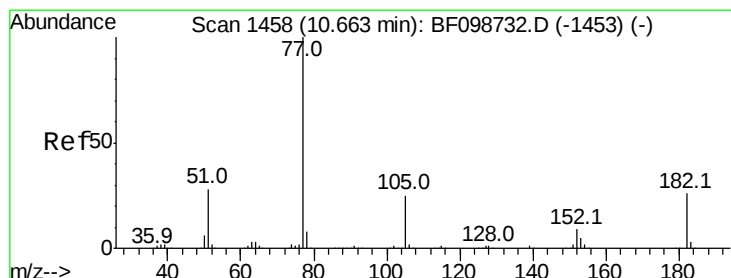
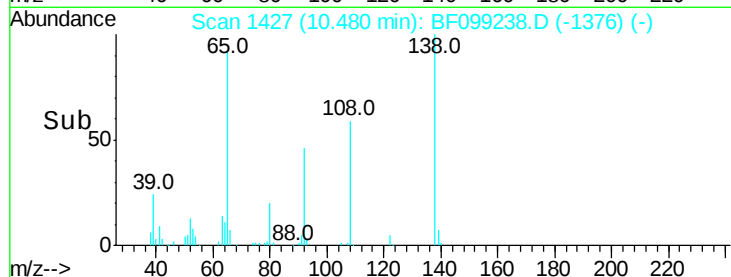
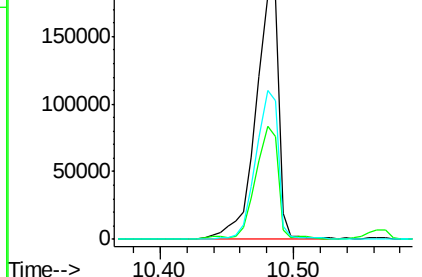
Sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.919 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

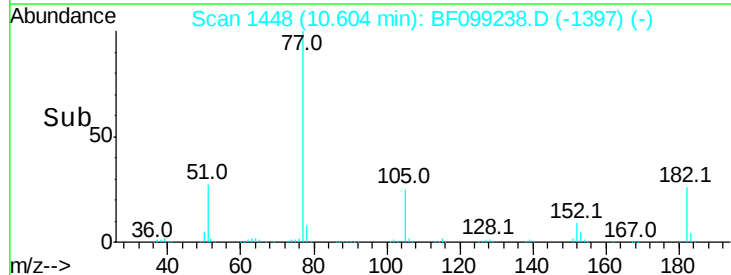
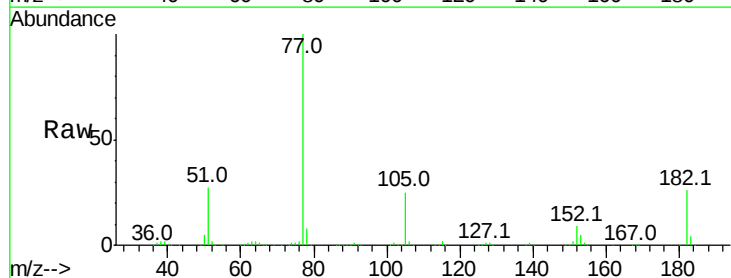
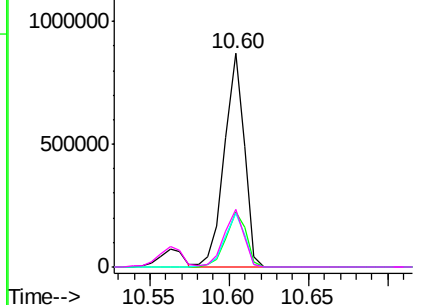
Tgt Ion:	77	Resp:	759547
Ion Ratio	Lower	Upper	
77	100		
182	25.5	1.7	41.7
105	25.2	3.0	43.0
51	26.7	9.9	49.9

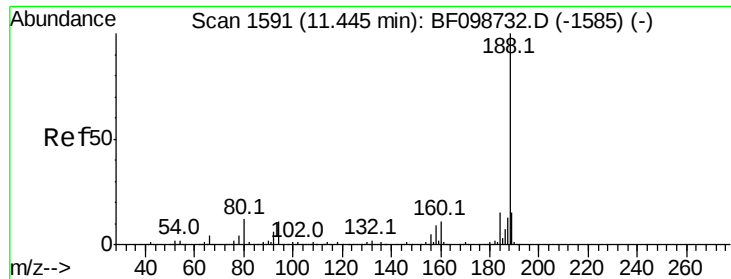
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





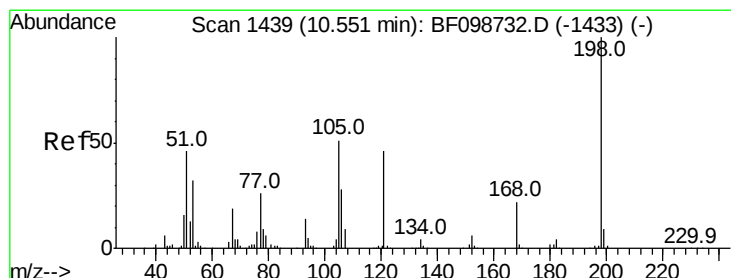
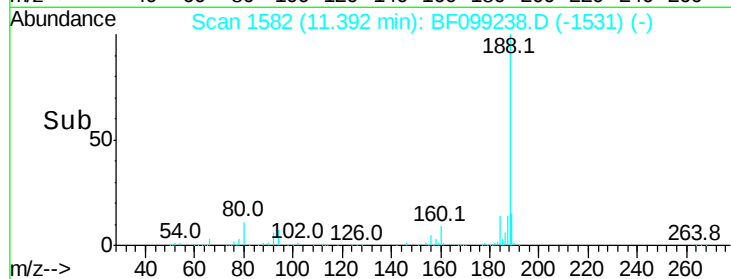
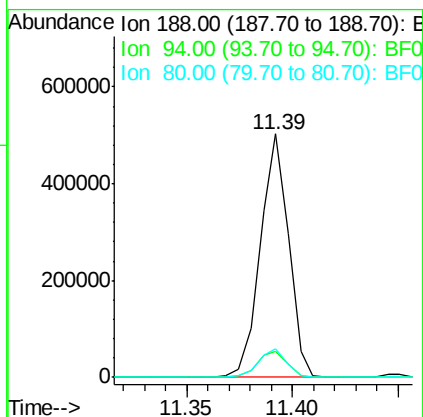
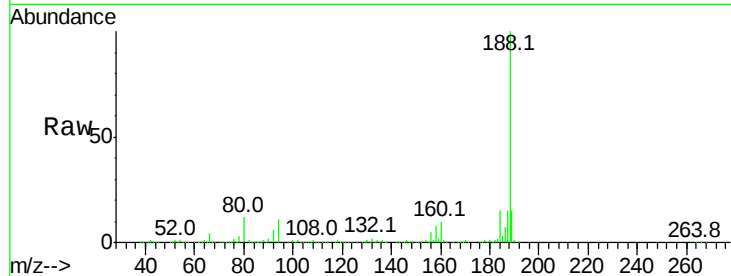
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	468343		
94	10.6		8.5	12.7
80	11.6		9.2	13.8

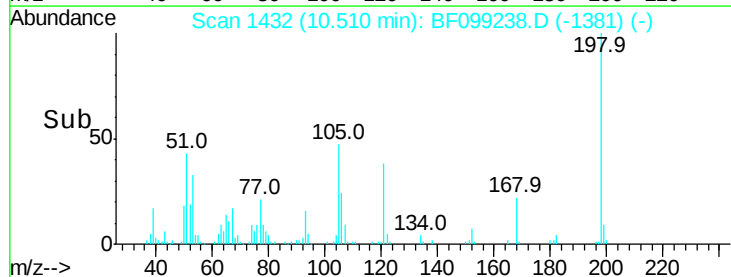
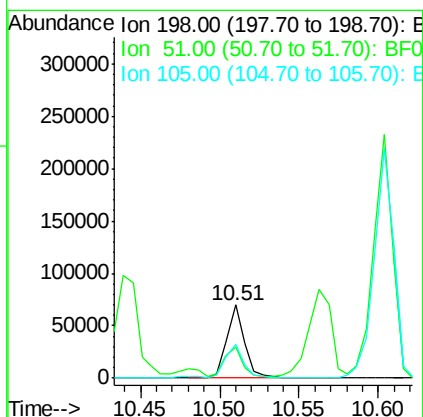
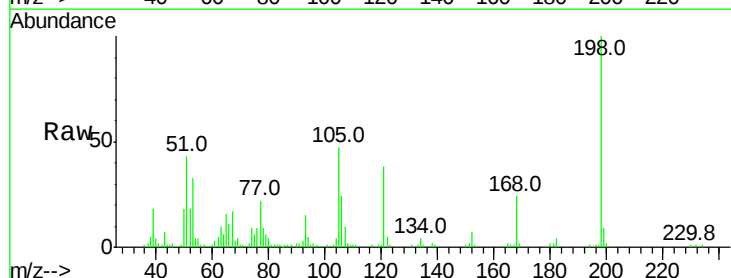
Manual Integrations
APPROVED

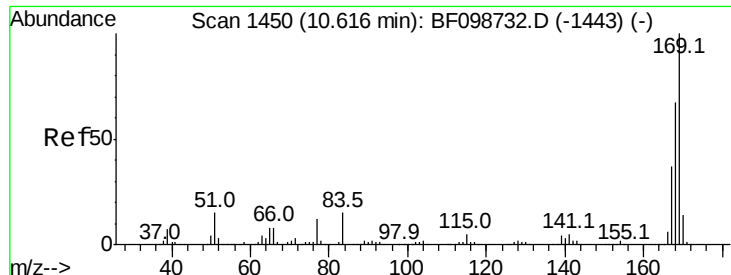
Sohil
10/9/2017 6:36:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 19.395 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	55267		
51	43.0		37.7	77.7
105	46.8		36.3	76.3





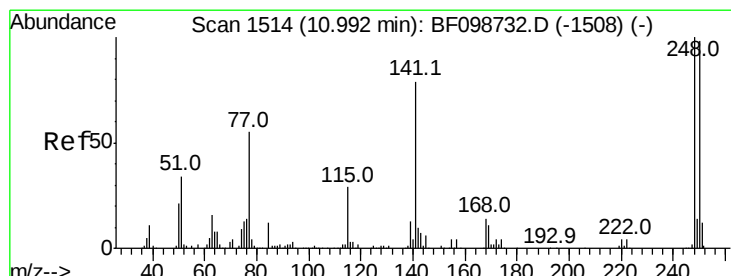
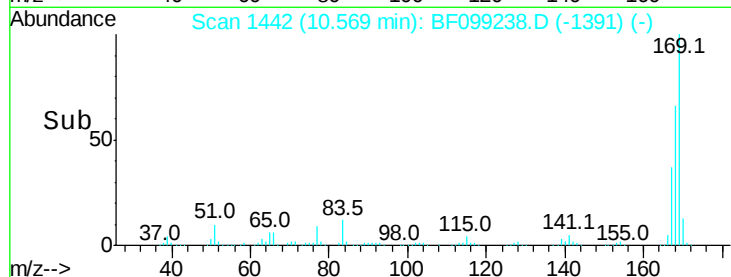
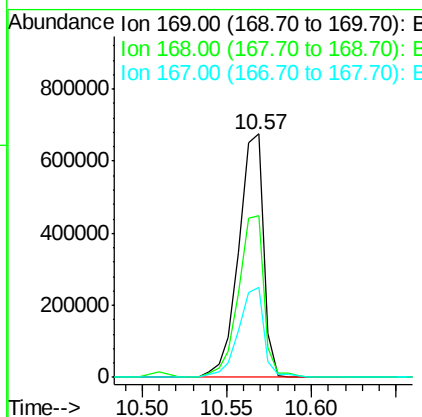
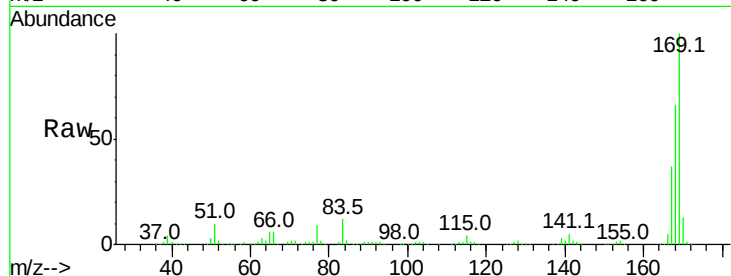
#65
 n-Nitrosodiphenylamine
 Concen: 42.869 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	695547		
168	66.2		54.4	81.6
167	37.2		29.8	44.6

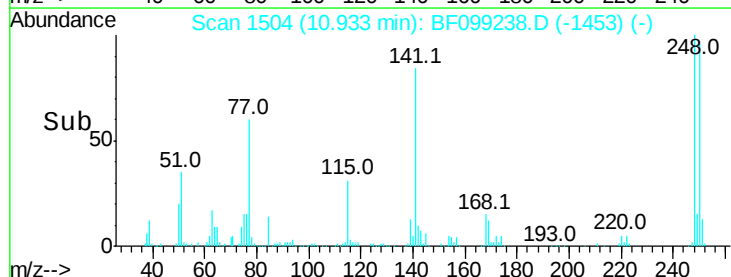
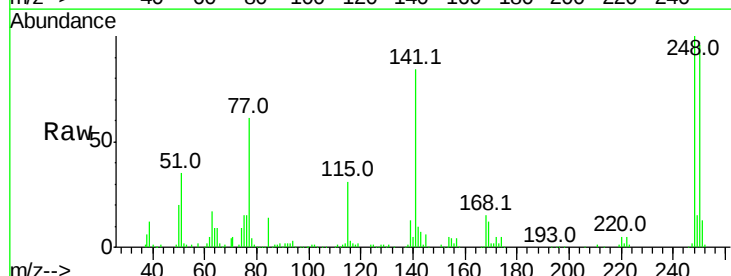
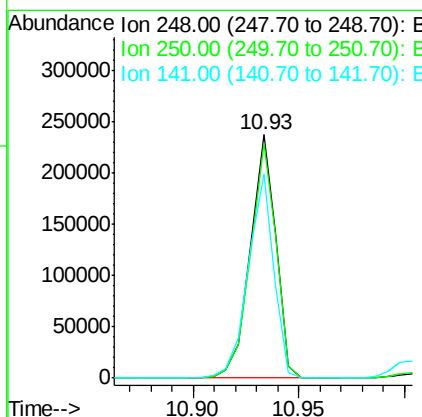
Manual Integrations
 APPROVED

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 10/9/2017 6:36:01 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.841 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200981		
250	96.3		76.9	115.3
141	83.6		74.4	111.6





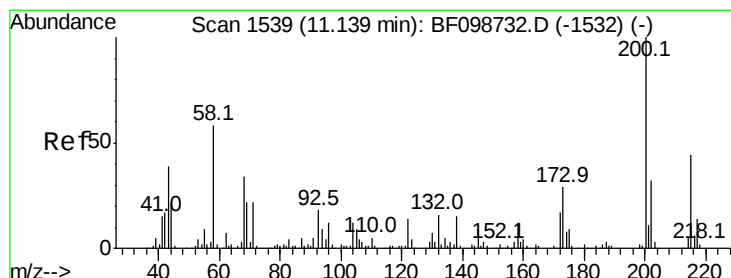
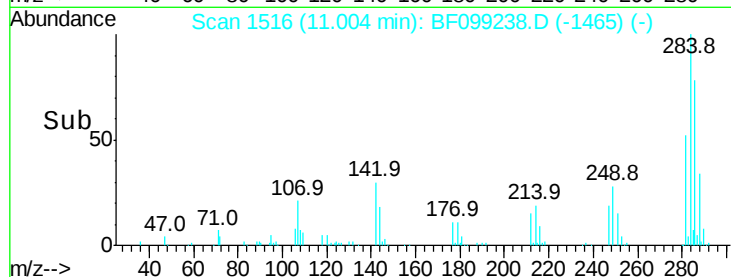
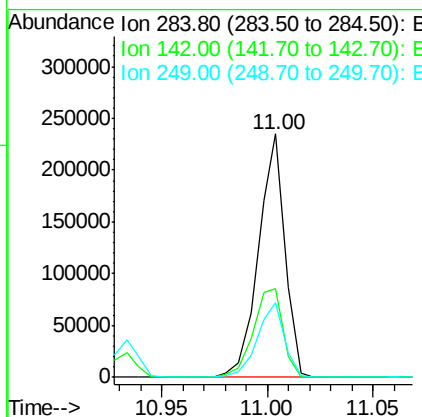
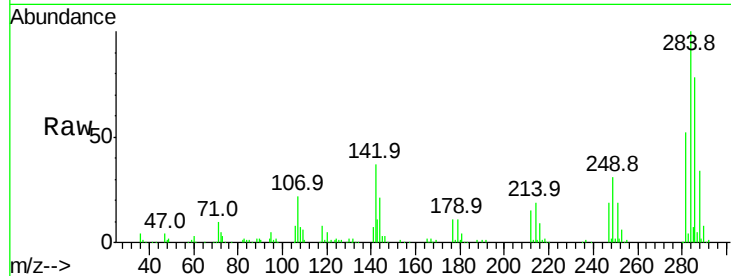
#67
Hexachlorobenzene
Concen: 41.707 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	204205		
142	36.6		34.6	52.0
249	30.6		24.8	37.2

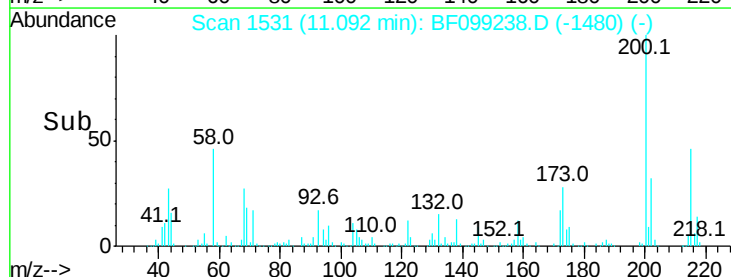
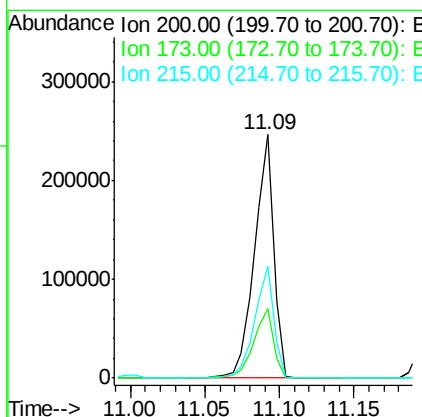
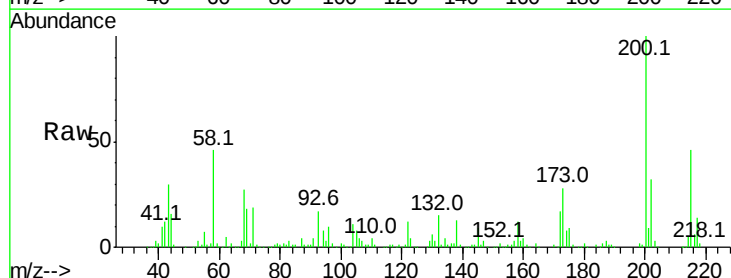
Manual Integrations
APPROVED

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#68
Atrazine
Concen: 44.607 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	217749		
173	28.5		8.6	48.6
215	45.9		25.1	65.1





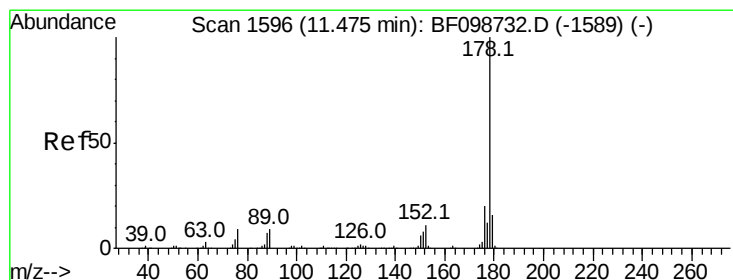
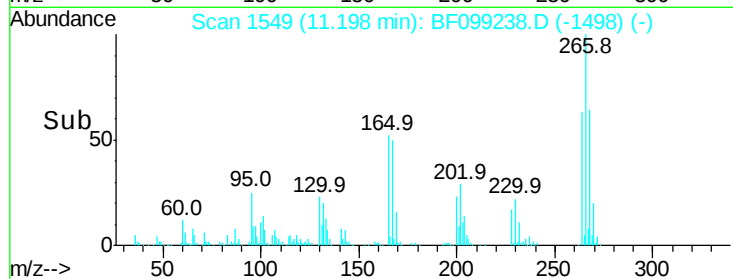
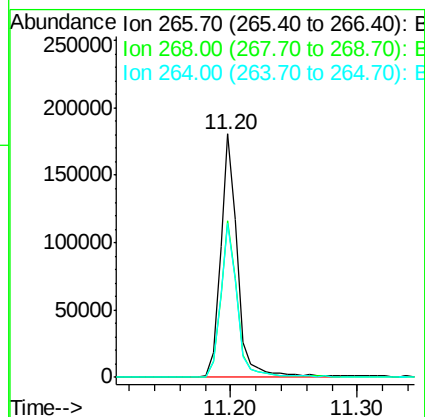
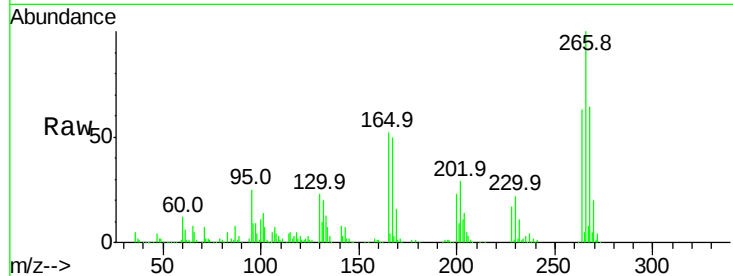
#69
 Pentachlorophenol
 Concen: 55.616 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampled :
 MH-21MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.3	49.5	74.3

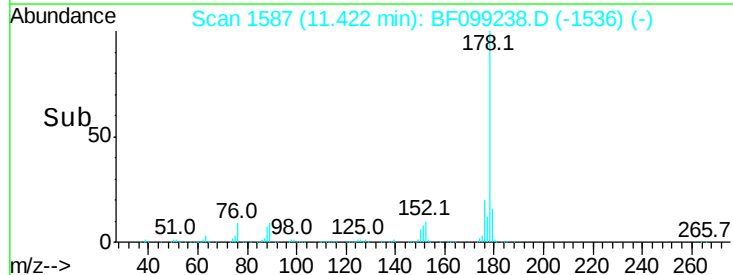
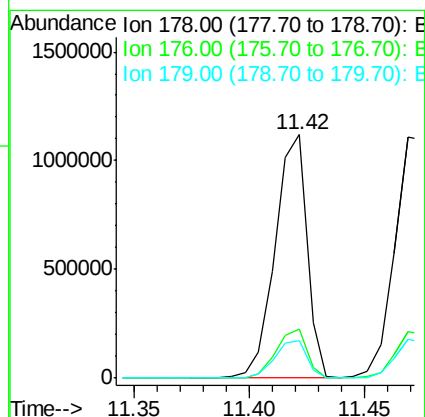
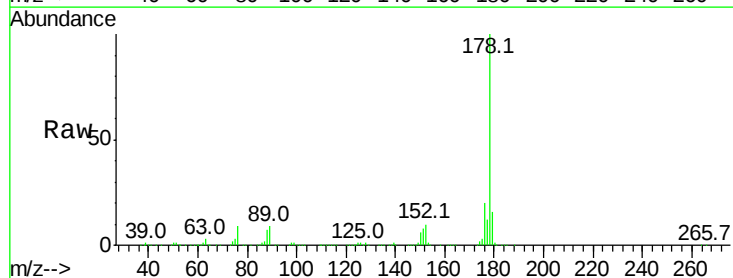
Manual Integrations
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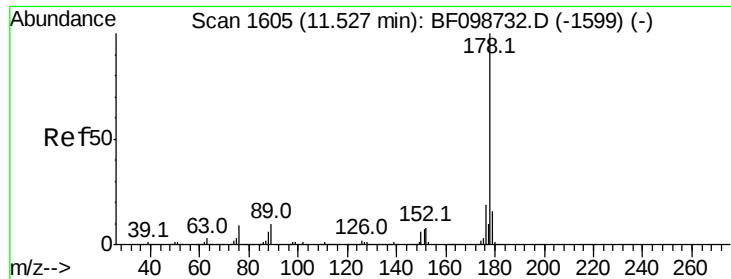
Sohil
 10/9/2017 6:36:01 PM



#70
 Phenanthrene
 Concen: 42.847 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.7	13.0	19.6





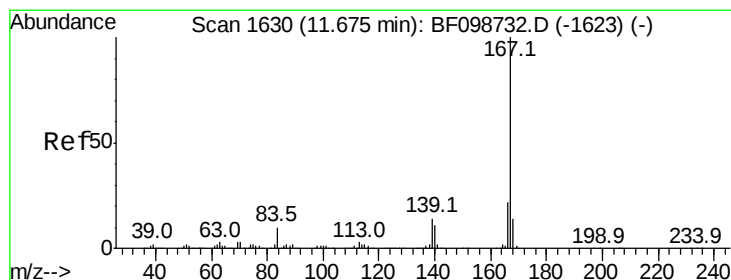
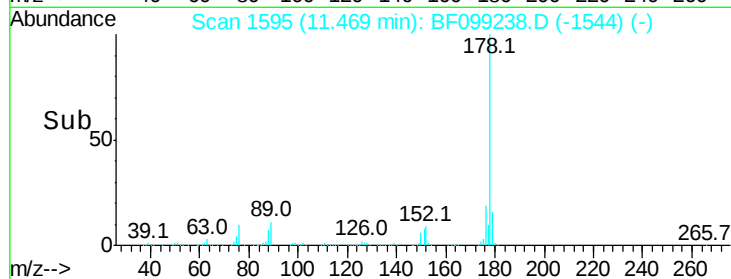
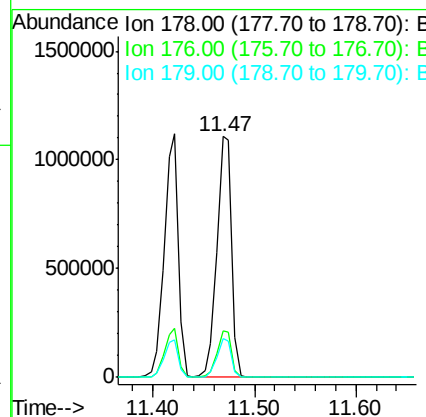
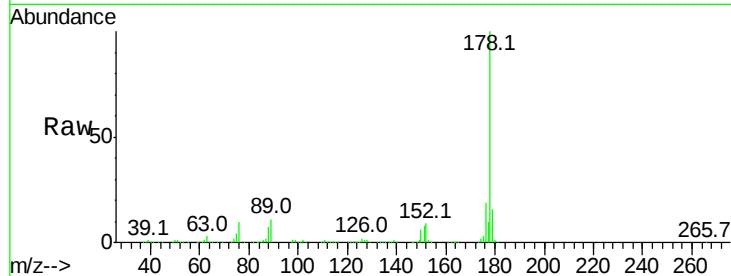
#71
 Anthracene
 Concen: 43.732 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampled :
 MH-21MS

Tot Ion:178 Resp: 1121737
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0

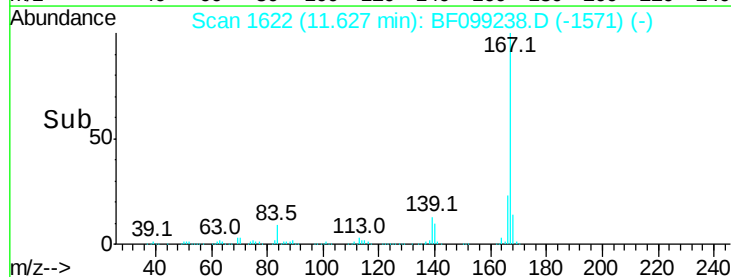
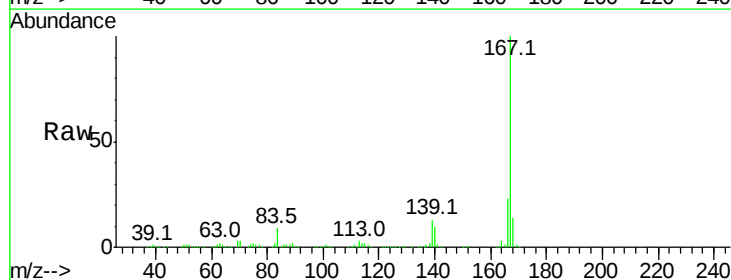
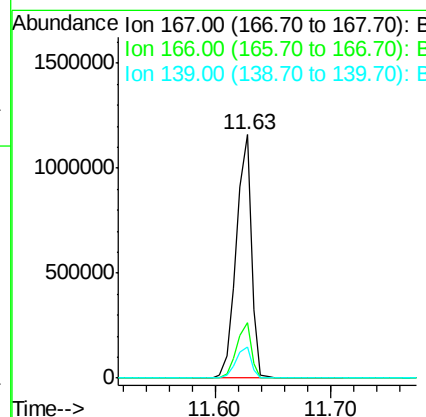
Manual Integrations
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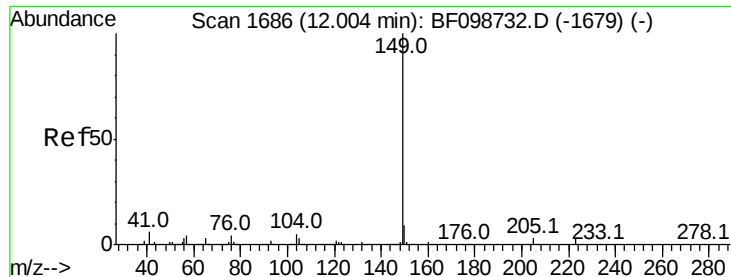
Sohil
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#72
 Carbazole
 Concen: 42.015 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion:167 Resp: 1055372
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 12.7 10.9 16.3





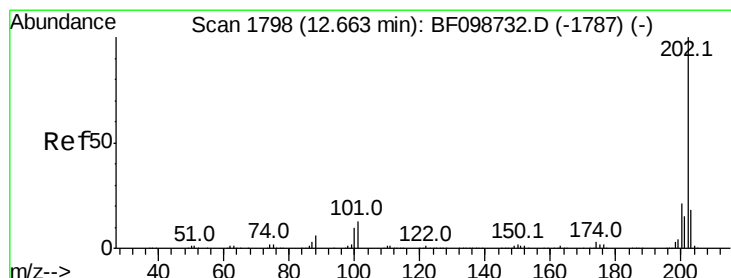
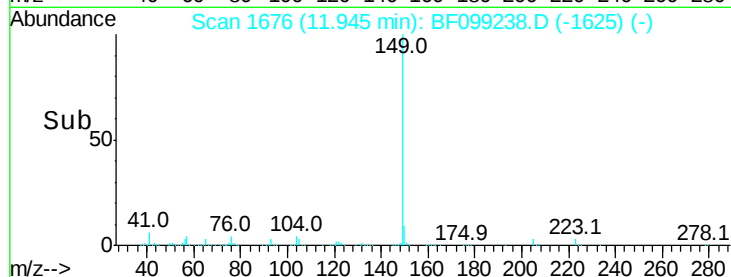
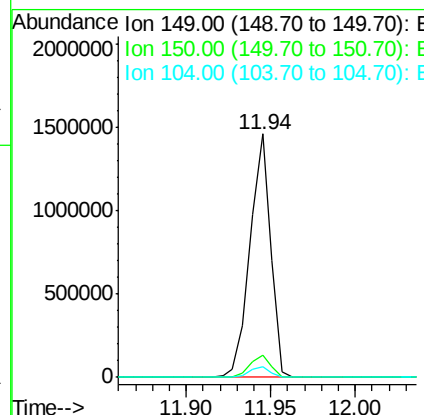
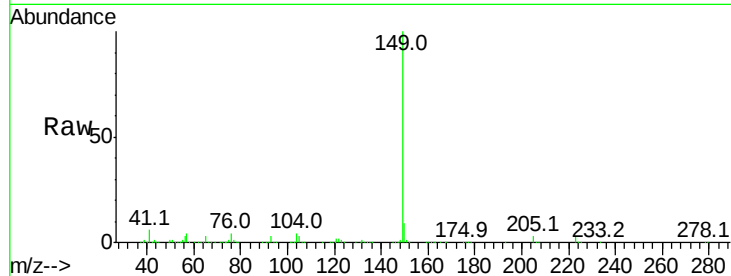
#73
Di-n-butylphthalate
Concen: 41.536 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion:149 Resp: 1255831
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.4 3.8 5.8

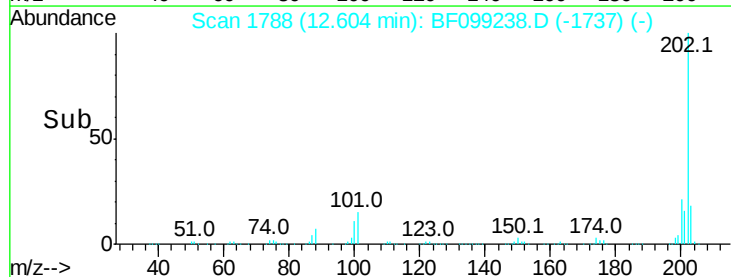
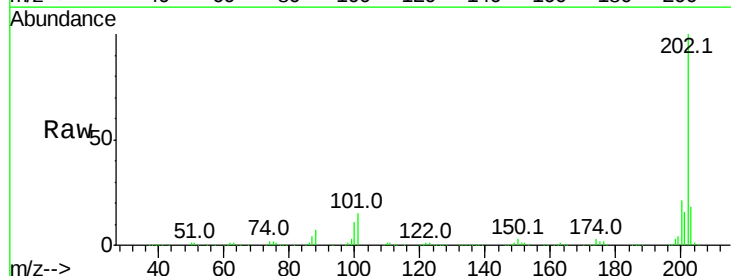
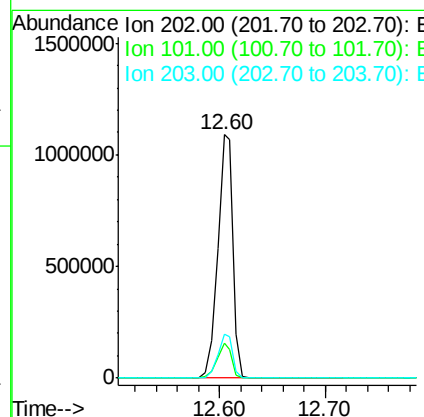
Manual Integrations
APPROVED

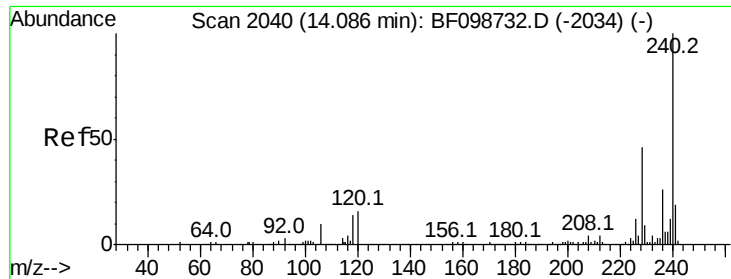
Sohil
10/9/2017 6:36:01 PM



#74
Fluoranthene
Concen: 43.801 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion:202 Resp: 1111891
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

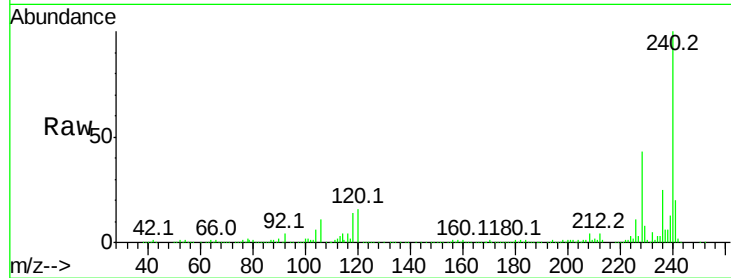
ClientSampled :

MH-21MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.4	20.7	31.1

Manual Integrations
APPROVED

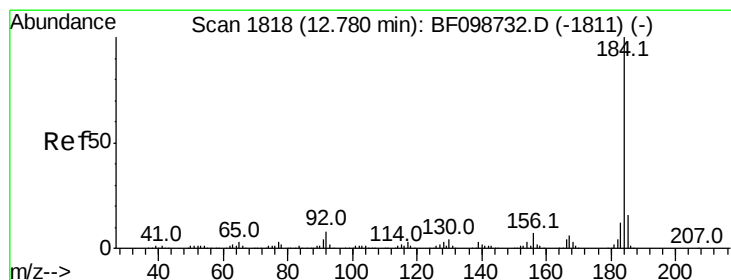
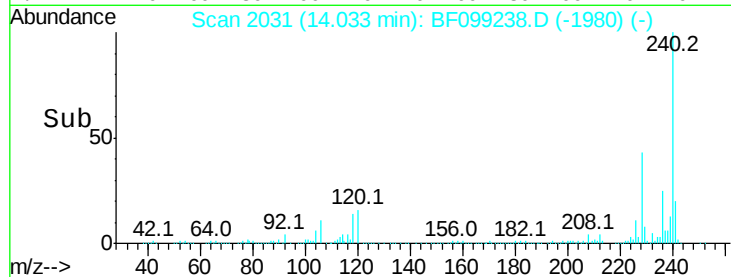
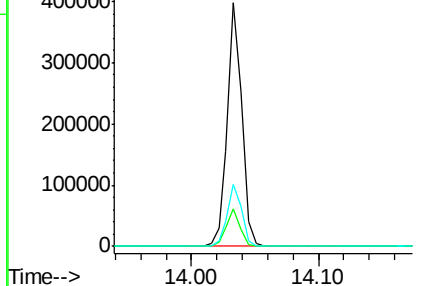
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.496 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF099238.D

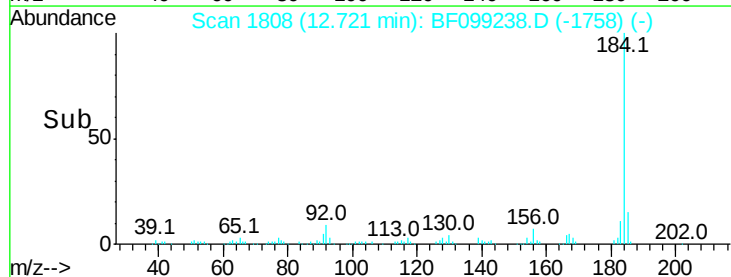
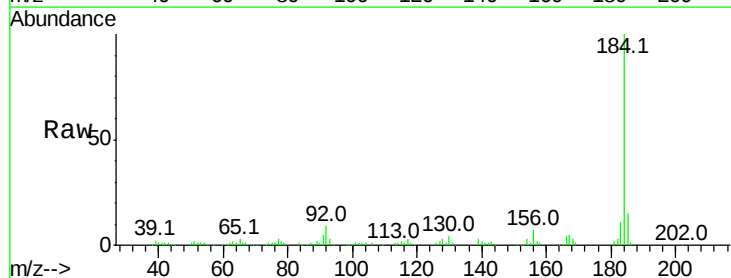
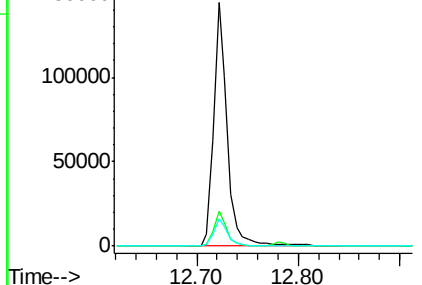
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.2	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.035 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

ClientSampleId :

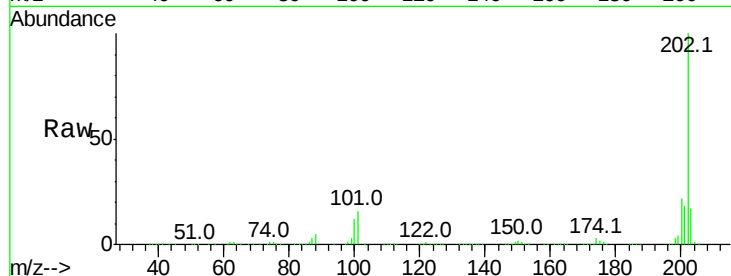
MH-21MS

Tot Ion:202 Resp: 1136651

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.4	14.3	21.5

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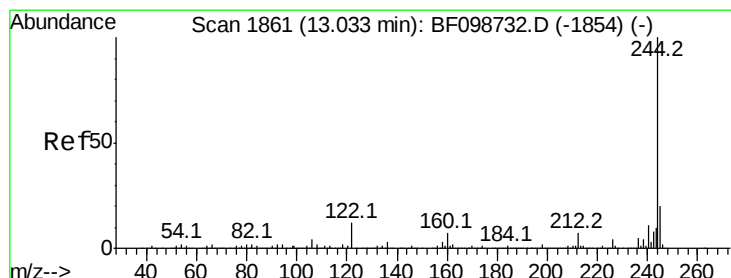
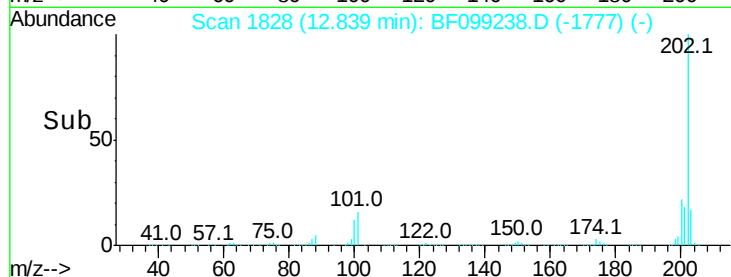
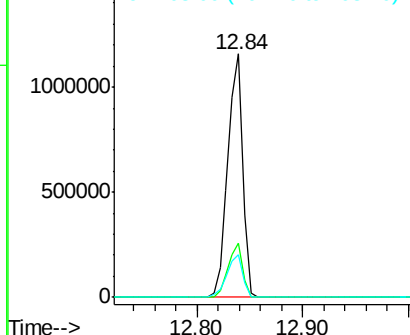
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.002 ng

RT: 12.97 min Scan# 1851

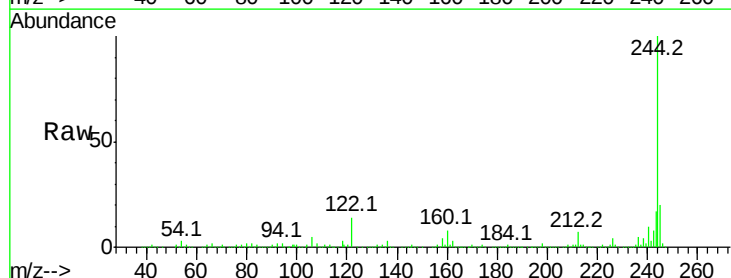
Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion:244 Resp: 1282070

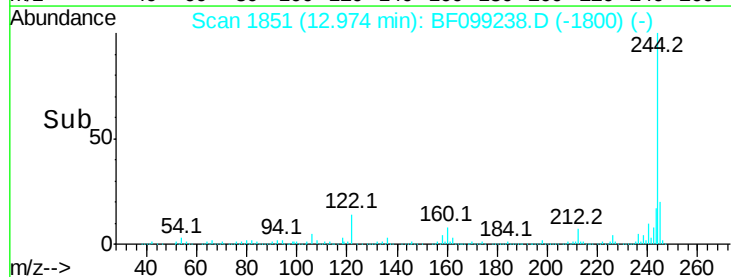
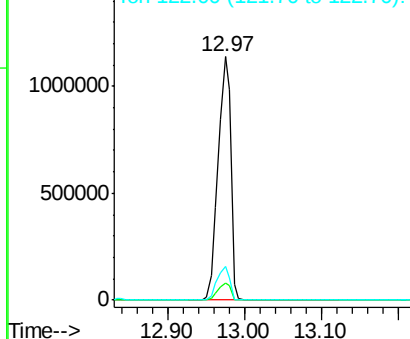
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.0	11.0	16.4

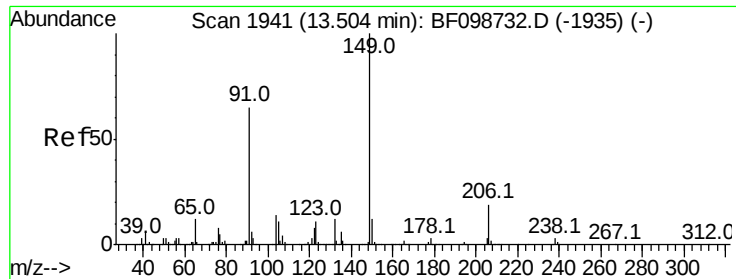


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





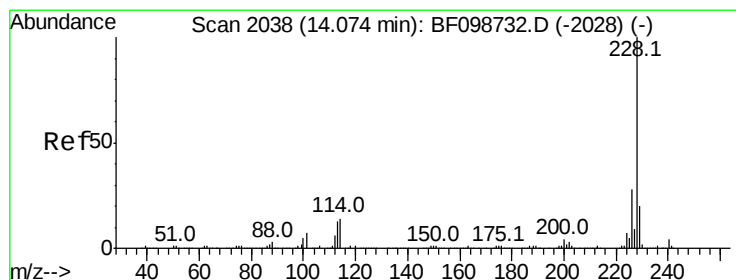
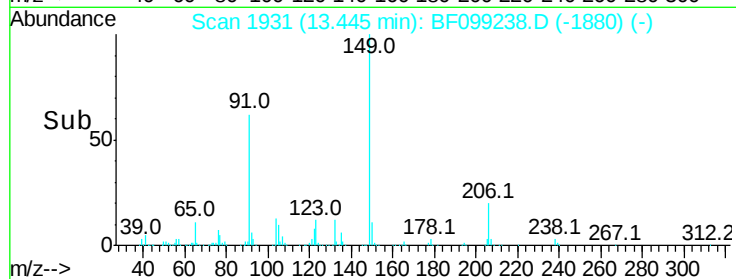
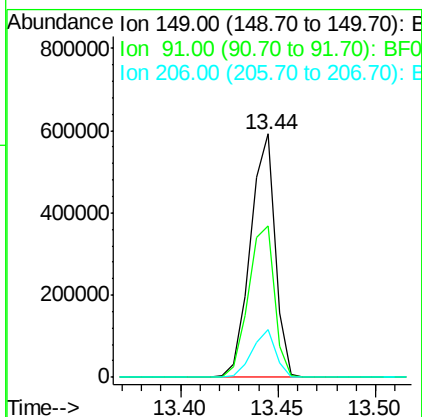
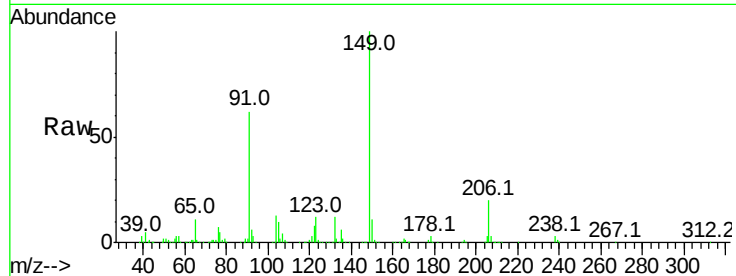
#79
Butylbenzylphthalate
Concen: 45.838 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.2	56.8	85.2
206	19.8	14.1	21.1

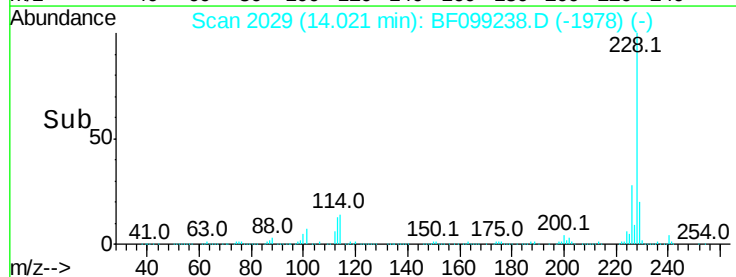
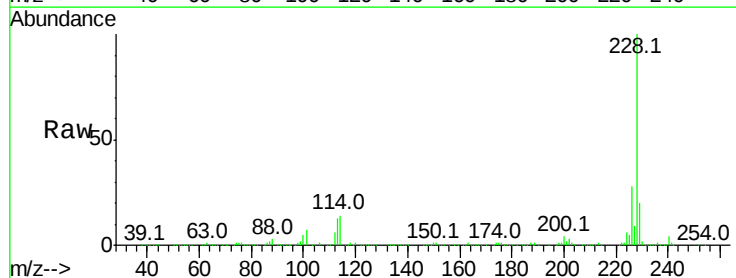
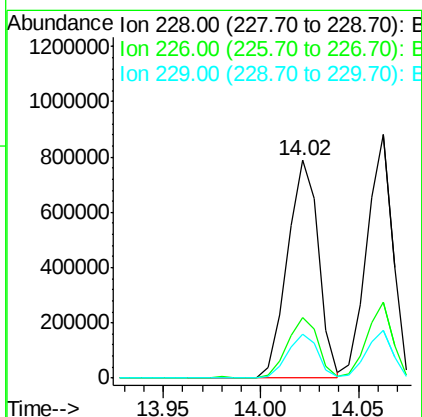
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#80
Benzo(a)anthracene
Concen: 45.126 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.4	15.8	23.6





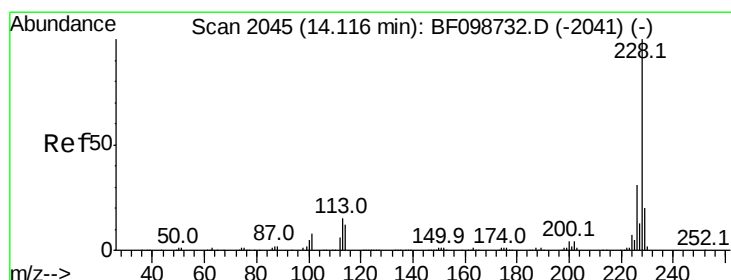
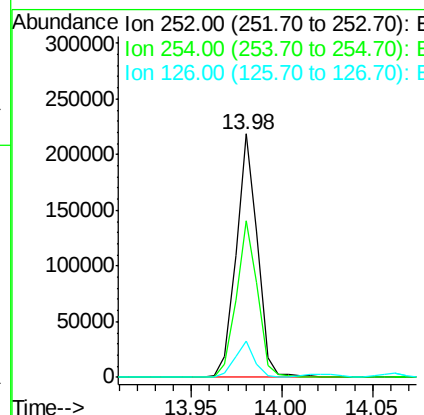
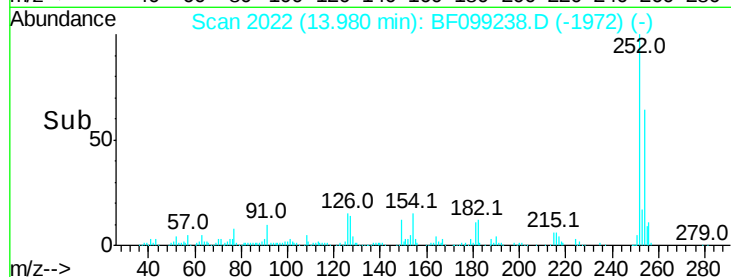
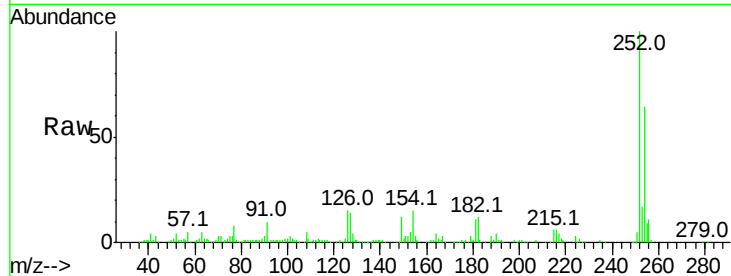
#81
 3,3'-Dichlorobenzidine
 Concen: 25.435 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampled :
 MH-21MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	50.4	75.6
126	14.9	11.3	16.9

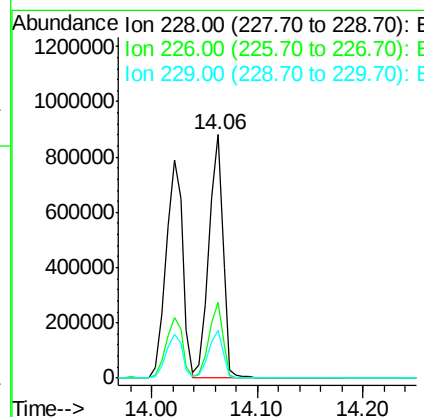
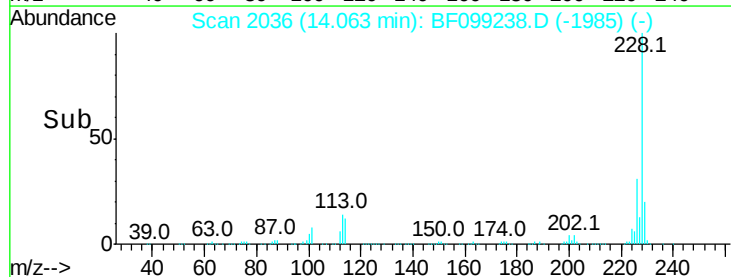
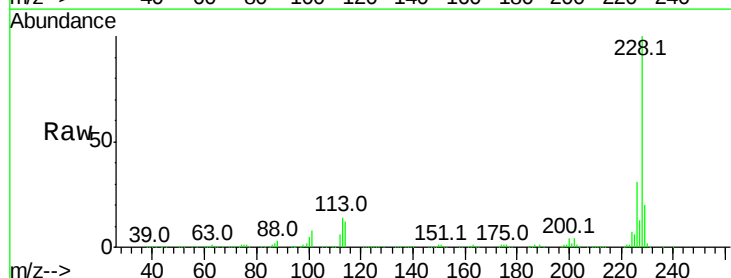
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#82
 Chrysene
 Concen: 44.581 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4





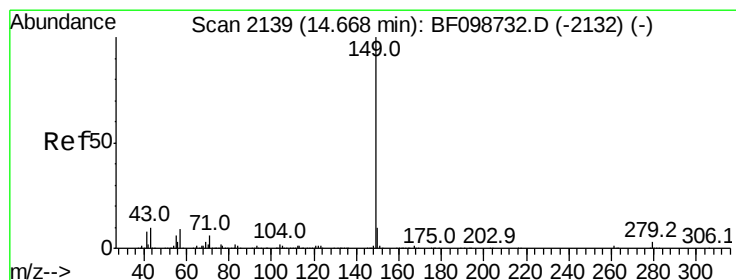
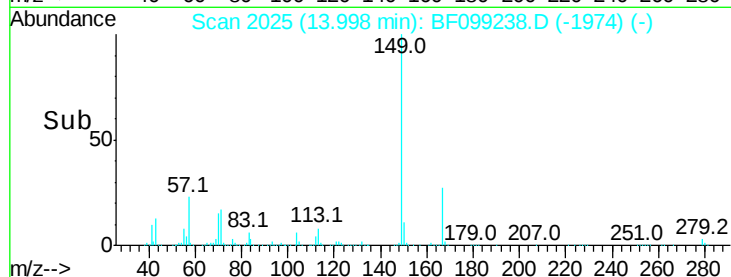
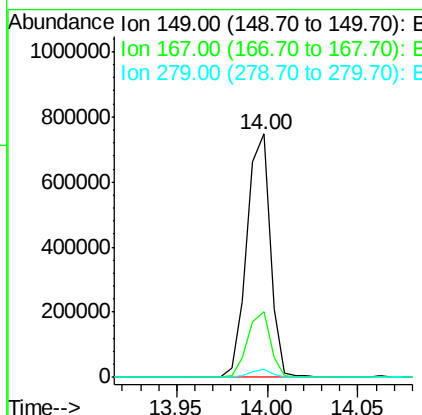
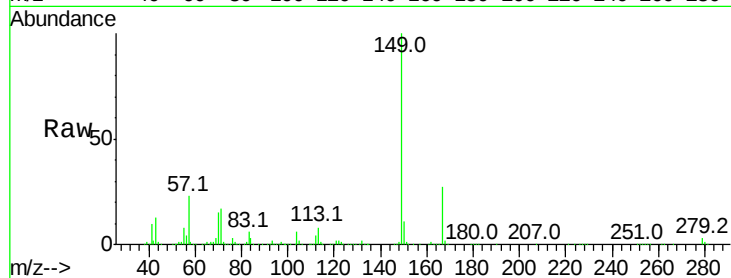
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.024 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.2	3.0	4.4

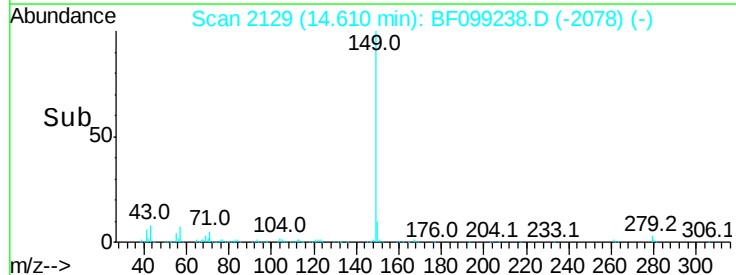
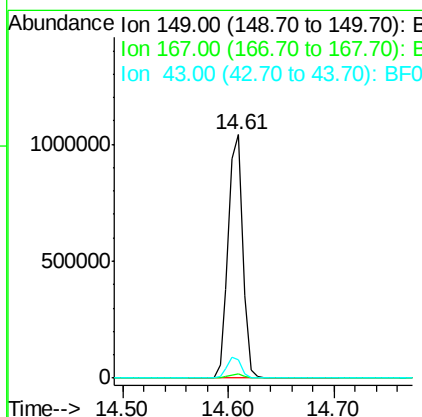
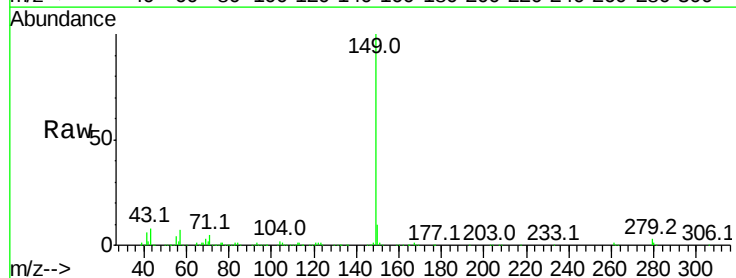
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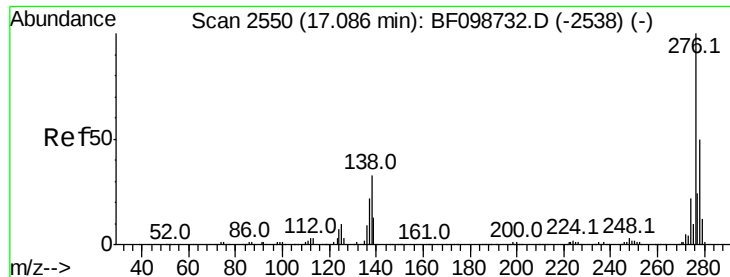
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#84
 Di-n-octyl phthalate
 Concen: 39.598 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	8.4	12.6





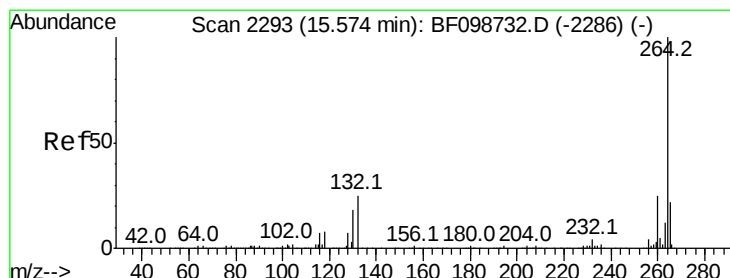
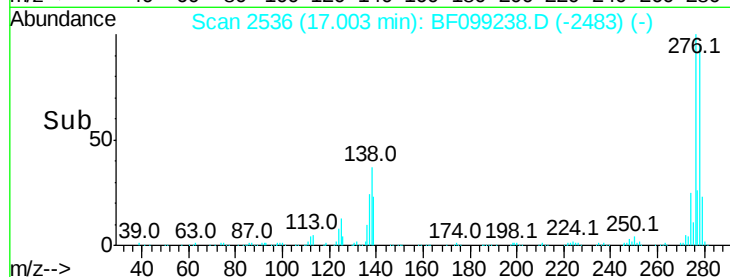
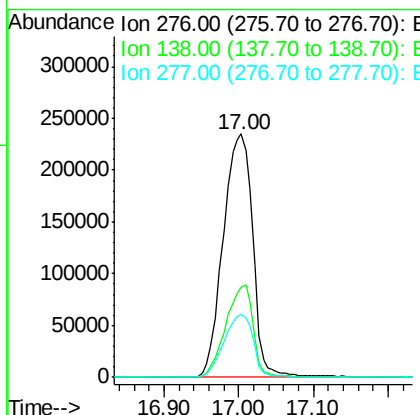
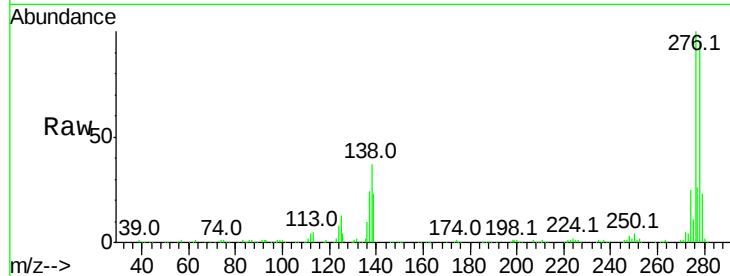
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.264 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	25.0	37.6
277	25.5	20.1	30.1

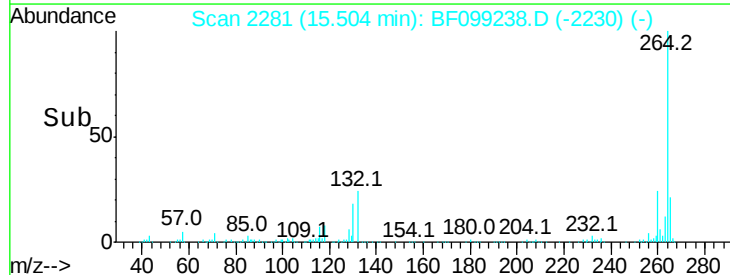
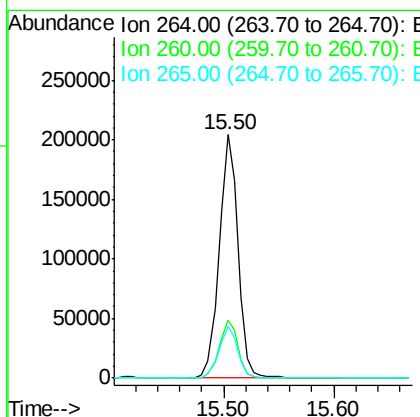
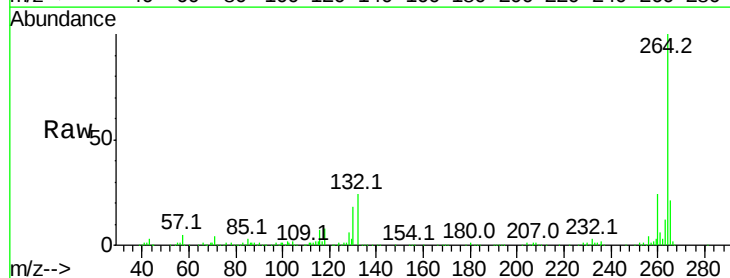
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 48.390 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Instrument :

BNA_F

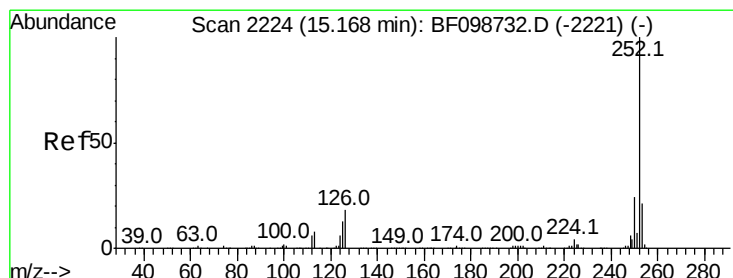
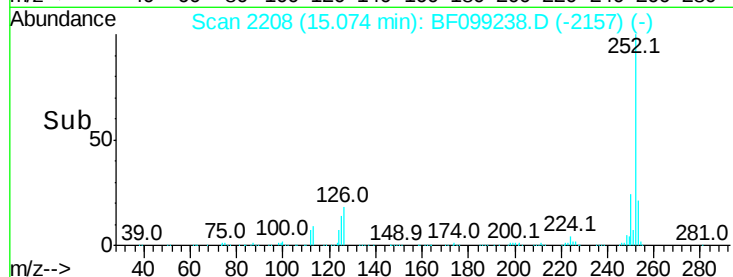
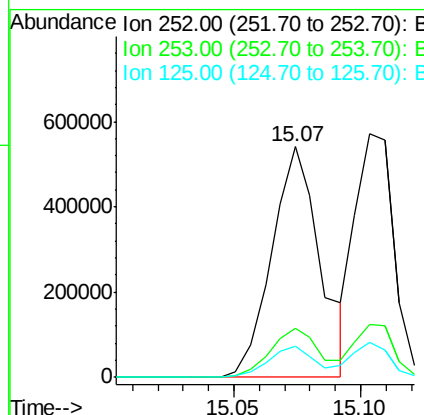
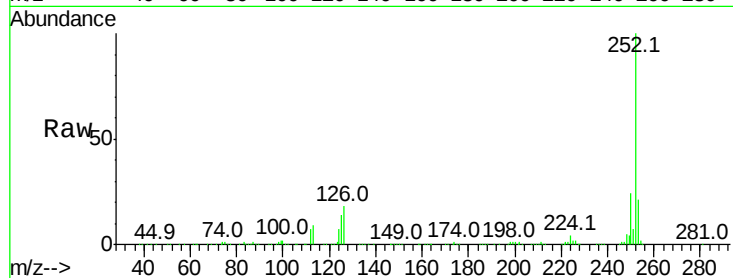
ClientSampleId :

MH-21MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	13.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 42.106 ng

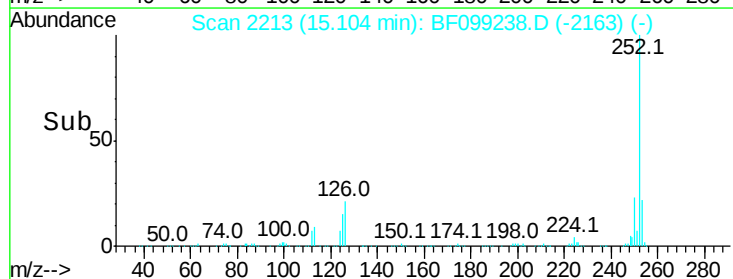
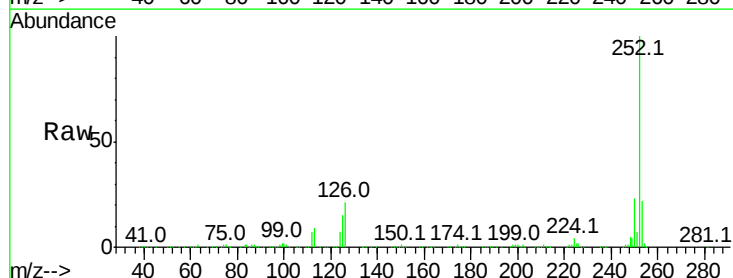
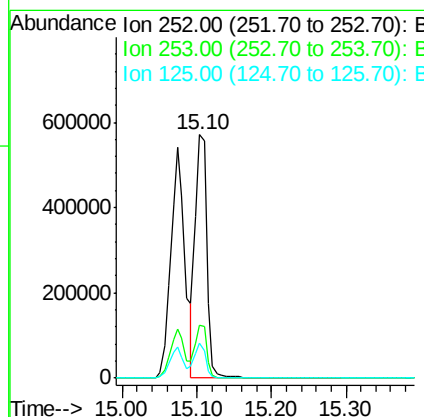
RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF099238.D

Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	14.6	10.2	15.2





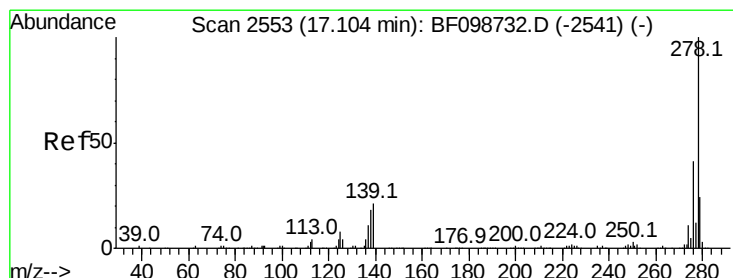
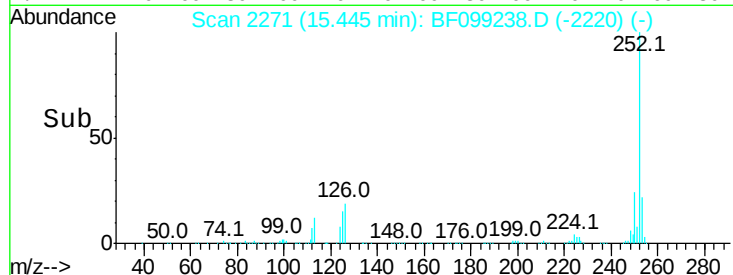
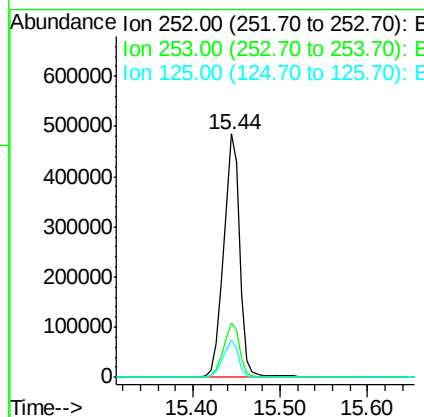
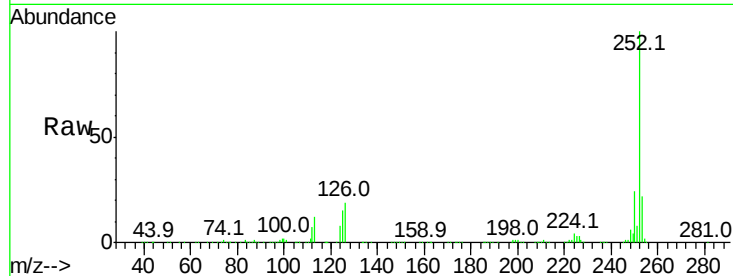
#89
Benzo(a)pyrene
Concen: 45.604 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Instrument :
BNA_F
ClientSampleId :
MH-21MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	15.3	9.8	14.6

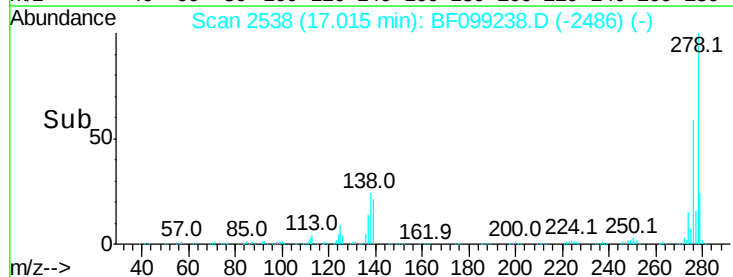
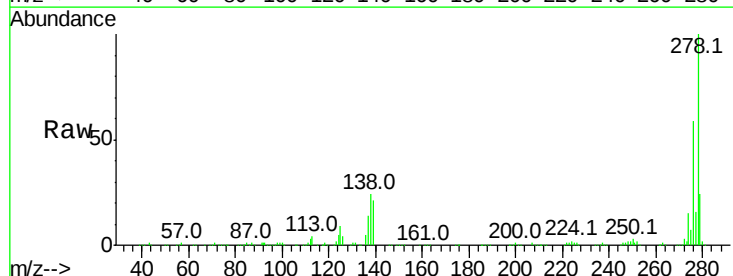
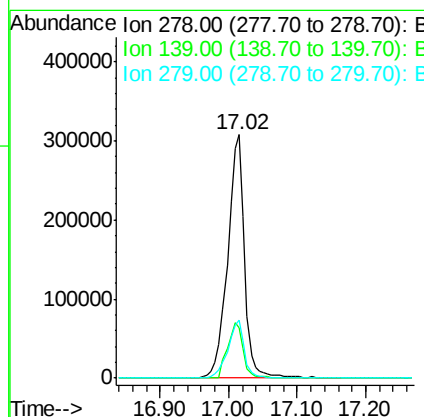
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#90
Dibenzo(a,h)anthracene
Concen: 48.382 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF099238.D
Acq: 8 Oct 2017 18:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.187 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099238.D
 Acq: 8 Oct 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-21MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	31.8	21.8	32.8

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