

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099224.D
 Acq On : 8 Oct 2017 11:25
 Operator : SJ/JU
 Sample : PB103045BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:35:51 PM

Quant Time: Oct 09 01:25:50 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	132715	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	552617	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	252638	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	442083	20.00	ng	0.00
75) Chrysene-d12	14.04	240	298611	20.00	ng	0.00
86) Perylene-d12	15.51	264	226108	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	960509	115.21	ng	0.02
7) Phenol-d6	6.51	99	1153186	112.13	ng	0.01
23) Nitrobenzene-d5	7.43	82	704386	81.74	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	242552	117.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1256783	83.05	ng	0.00
78) Terphenyl-d14	12.97	244	1090322	83.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	128698	32.316	ng	97
3) Pyridine	3.50	79	362807	33.677	ng	95
4) n-Nitrosodimethylamine	3.46	42	148174	32.435	ng	# 78
6) Aniline	6.53	93	410895	29.602	ng	99
8) 2-Chlorophenol	6.66	128	348997	36.965	ng	97
9) Benzaldehyde	6.42	77	141811	23.771	ng	92
10) Phenol	6.52	94	424254	36.885	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	331550	37.079	ng	99
12) 1,3-Dichlorobenzene	6.81	146	375296	37.956	ng	97
13) 1,4-Dichlorobenzene	6.89	146	378389	37.613	ng	98
14) 1,2-Dichlorobenzene	7.04	146	350676	37.726	ng	97
15) Benzyl Alcohol	7.01	79	279420	37.035	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	473902	34.017	ng	95
17) 2-Methylphenol	7.12	107	293261	37.962	ng	97
18) Hexachloroethane	7.37	117	134515	37.200	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	219710	33.461	ng	96
20) 3+4-Methylphenols	7.27	107	343115	35.110	ng	# 77
22) Acetophenone	7.28	105	459609	34.328	ng	# 96
24) Nitrobenzene	7.45	77	349610	35.766	ng	98
25) Isophorone	7.69	82	645989	36.259	ng	99
26) 2-Nitrophenol	7.77	139	199854	42.517	ng	# 87
27) 2,4-Dimethylphenol	7.80	122	315769	35.571	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	414673	37.349	ng	99
29) 2,4-Dichlorophenol	8.01	162	294736	38.671	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	297622	39.043	ng	99
31) Naphthalene	8.17	128	989806	38.136	ng	100
32) Benzoic acid	7.95	122	220120	30.187	ng	95
33) 4-Chloroaniline	8.22	127	274080	25.288	ng	96
34) Hexachlorobutadiene	8.28	225	142698	36.344	ng	99
35) Caprolactam	8.60	113	99895m	40.860	ng	
36) 4-Chloro-3-methylphenol	8.71	107	309022	36.073	ng	93
37) 2-Methylnaphthalene	8.86	142	682515	40.451	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	267654	35.524	ng	99
40) Hexachlorocyclopentadiene	9.02	237	203443	59.086	ng	97

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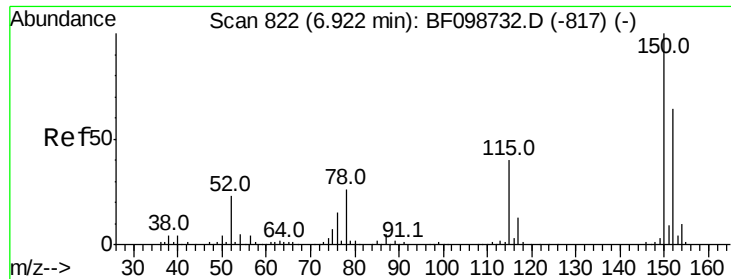
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	197089	36.925	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	203504	38.193	ng	97
45) 1,1'-Biphenyl	9.33	154	777896	35.827	ng	99
46) 2-Chloronaphthalene	9.36	162	620745	38.077	ng	96
47) 2-Nitroaniline	9.45	65	185752	37.212	ng	95
48) Acenaphthylene	9.77	152	948823	38.020	ng	100
49) Dimethylphthalate	9.63	163	720463	37.784	ng	100
50) 2,6-Dinitrotoluene	9.69	165	163409	39.365	ng	93
51) Acenaphthene	9.94	154	558218	35.311	ng	99
52) 3-Nitroaniline	9.86	138	155197	32.064	ng	93
53) 2,4-Dinitrophenol	9.97	184	135639	64.016	ng	94
54) Dibenzofuran	10.12	168	832729	39.563	ng	99
55) 4-Nitrophenol	10.04	139	272895	66.677	ng	# 81
56) 2,4-Dinitrotoluene	10.10	165	216492	40.184	ng	# 86
57) Fluorene	10.46	166	649270	38.378	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	153273	41.642	ng	98
59) Diethylphthalate	10.33	149	702638	37.712	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	287708	37.859	ng	96
61) 4-Nitroaniline	10.49	138	196366	42.051	ng	86
62) Azobenzene	10.60	77	636668	37.164	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	95899	35.654	ng	90
65) n-Nitrosodiphenylamine	10.57	169	581799	37.989	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	170232	39.339	ng	96
67) Hexachlorobenzene	11.00	284	173480	37.536	ng	97
68) Atrazine	11.09	200	185932	40.351	ng	99
69) Pentachlorophenol	11.20	266	176684	61.426	ng	98
70) Phenanthrene	11.42	178	914548	38.648	ng	99
71) Anthracene	11.47	178	947617	39.138	ng	99
72) Carbazole	11.63	167	895412	37.765	ng	99
73) Di-n-butylphthalate	11.94	149	944053	33.079	ng	99
74) Fluoranthene	12.61	202	929303	38.782	ng	99
76) Benzidine	12.73	184	381052	34.501	ng	98
77) Pyrene	12.84	202	960372	42.177	ng	99
79) Butylbenzylphthalate	13.44	149	426433	39.848	ng	95
80) Benzo(a)anthracene	14.03	228	713579	39.464	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	205176	30.954	ng	98
82) Chrysene	14.06	228	672259	39.052	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	548281	37.209	ng	99
84) Di-n-octyl phthalate	14.61	149	713590	30.075	ng	# 77
85) Indeno(1,2,3-cd)pyrene	17.00	276	544093	39.511	ng	96
87) Benzo(b)fluoranthene	15.08	252	555143	39.932	ng	97
88) Benzo(k)fluoranthene	15.11	252	525056	38.238	ng	99
89) Benzo(a)pyrene	15.45	252	512351	40.150	ng	98
90) Dibenzo(a,h)anthracene	17.02	278	451275	44.188	ng	96
91) Benzo(g,h,i)perylene	17.46	276	479628	47.512	ng	96

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



#1

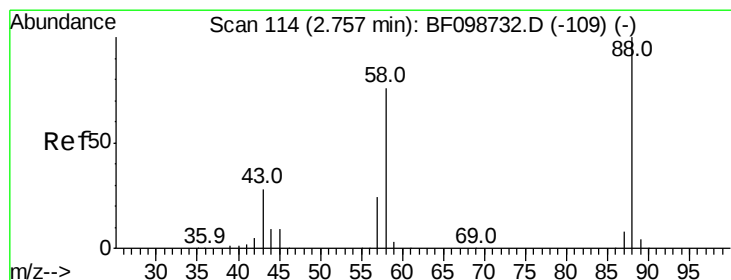
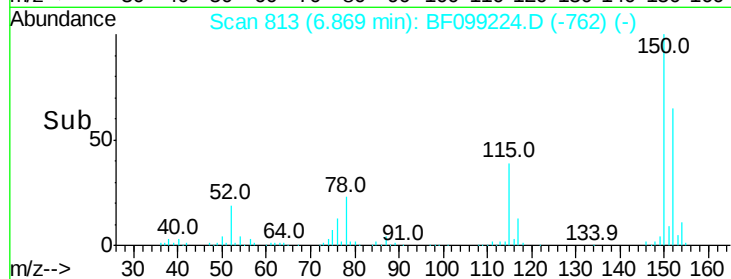
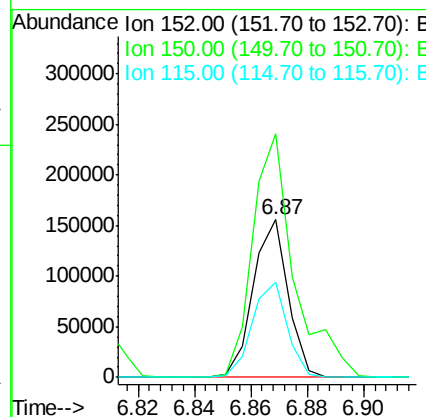
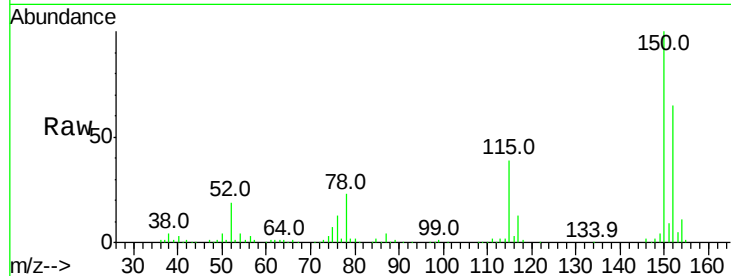
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	60.5	50.1	75.1

Manual Integrations
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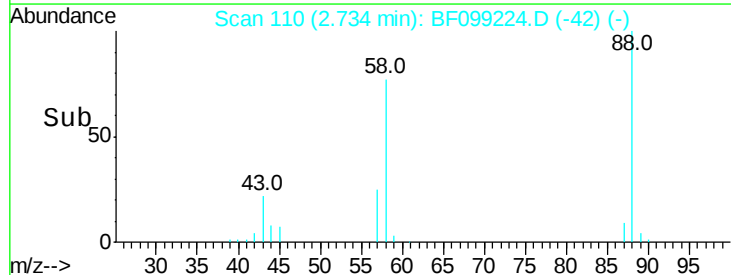
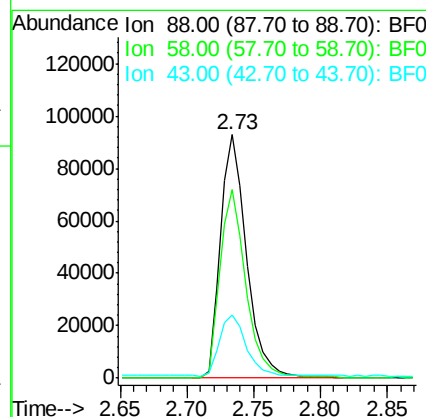
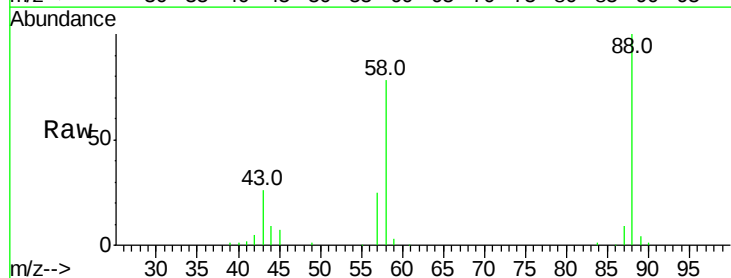
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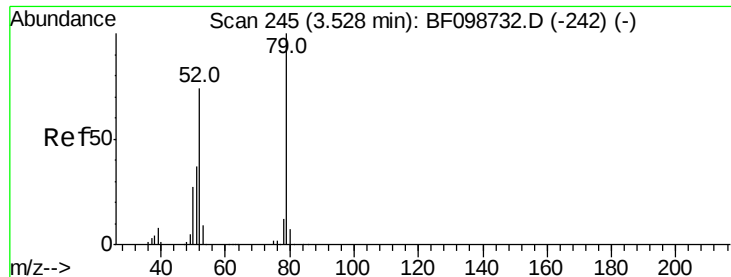


#2

1,4-Dioxane
Concen: 32.316 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.10 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.4	62.6	93.8
43	25.6	24.6	37.0





#3

Pvridine

Concen: 33.677 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.10 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

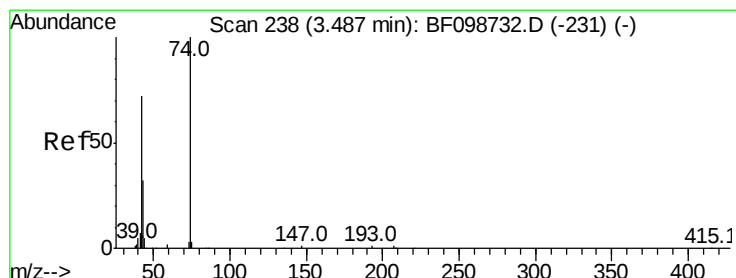
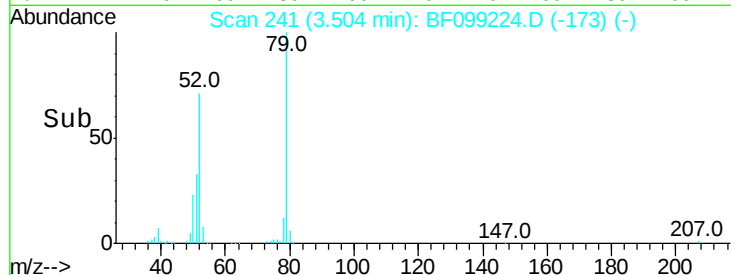
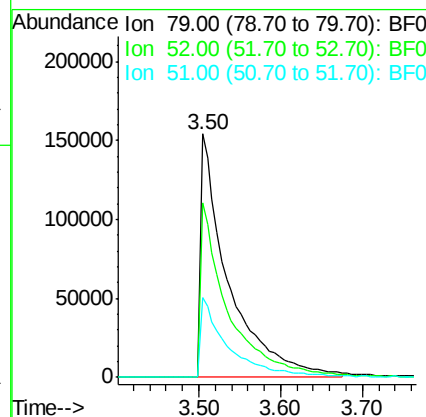
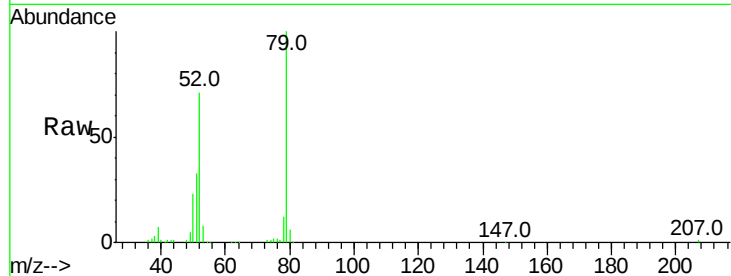
ClientSampleId :

PB103045BS

Tot Ion:	79	Resp:	362807
Ion Ratio	Lower	Upper	
79	100		
52	71.4	59.8	89.6
51	33.0	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.435 ng

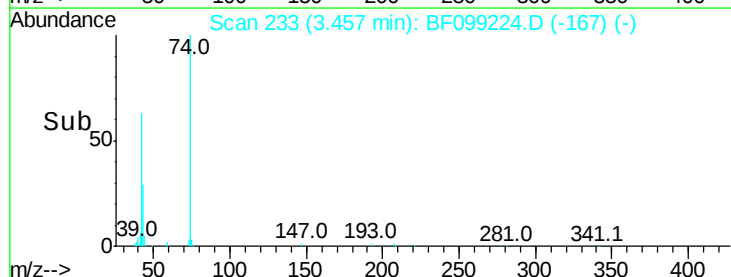
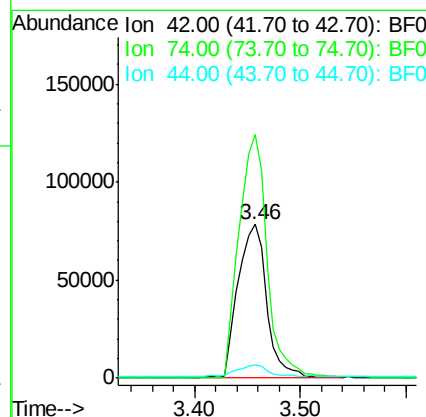
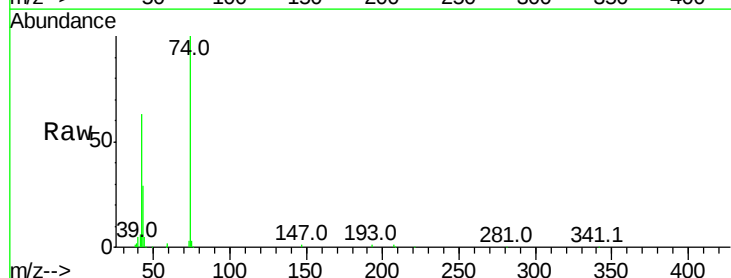
RT: 3.46 min Scan# 233

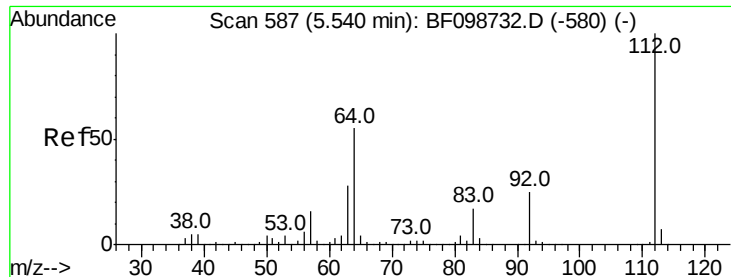
Delta R.T. 0.09 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	42	Resp:	148174
Ion Ratio	Lower	Upper	
42	100		
74	158.5	104.9	157.3#
44	8.6	6.9	10.3





#5

2-Fluorophenol

Concen: 115.212 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

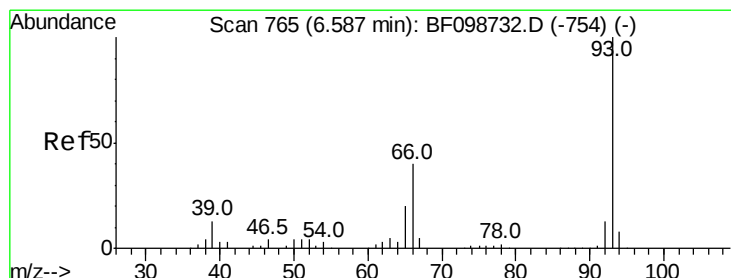
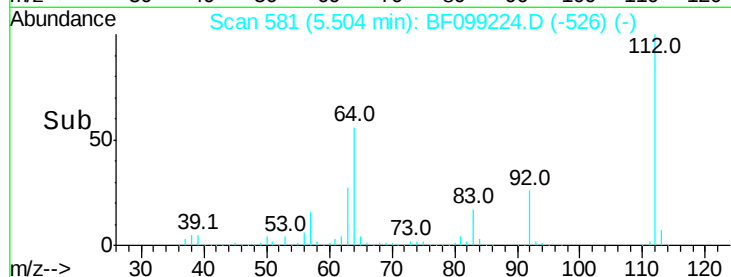
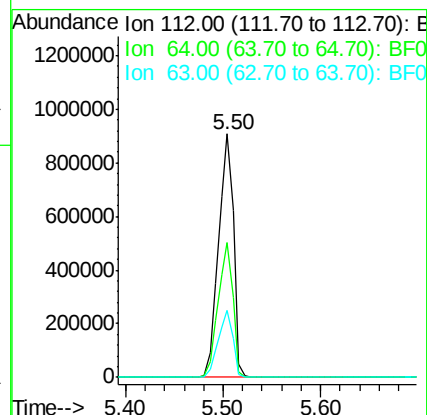
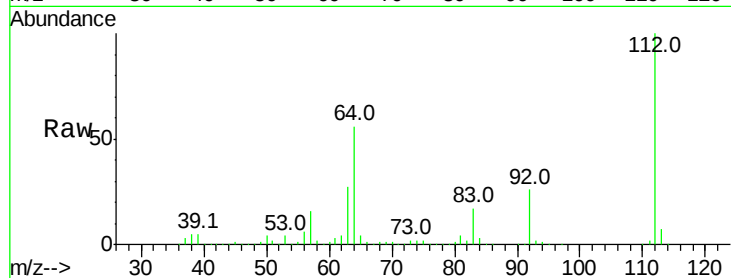
ClientSampleId :

PB103045BS

Tot Ion:	112	Resp:	960509
Ion Ratio	Lower	Upper	
112	100		
64	55.6	47.9	71.9
63	27.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 29.602 ng

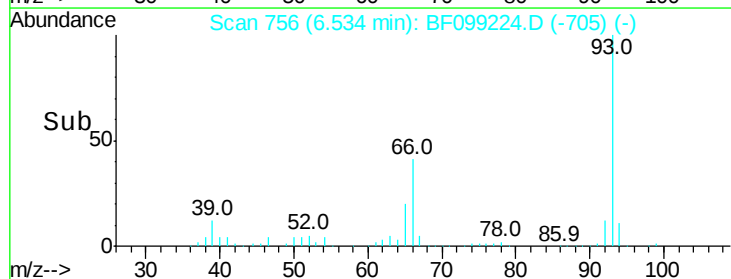
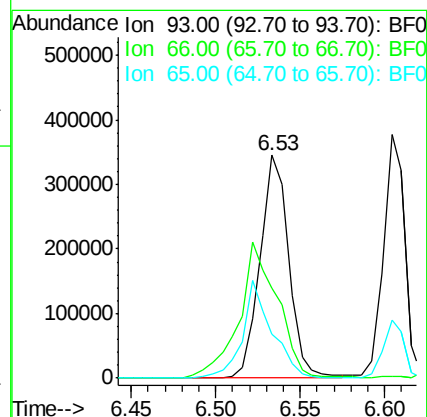
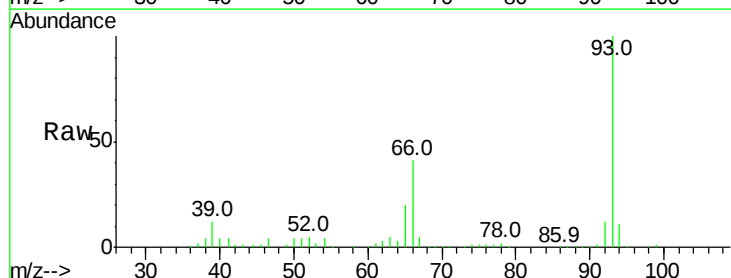
RT: 6.53 min Scan# 756

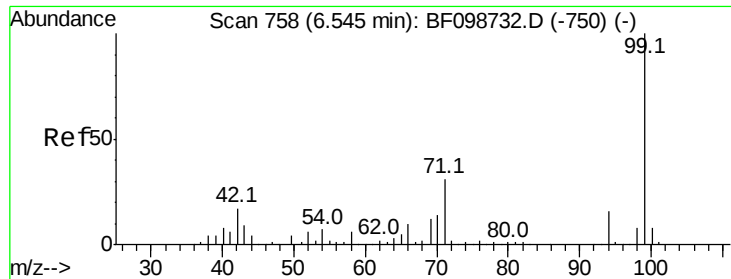
Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	93	Resp:	410895
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.2	48.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 112.129 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

ClientSampleId :

PB103045BS

Tot Ion: 99 Resp: 1153186

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

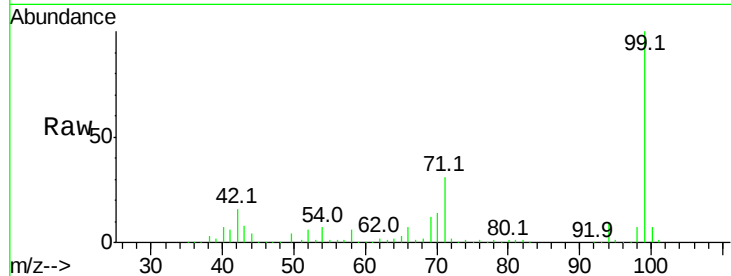
71 31.0 25.4 38.0

Manual Integrations

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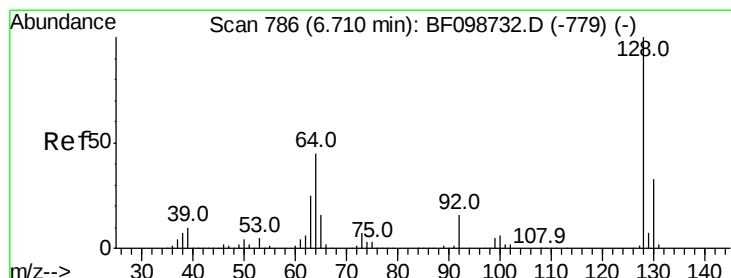
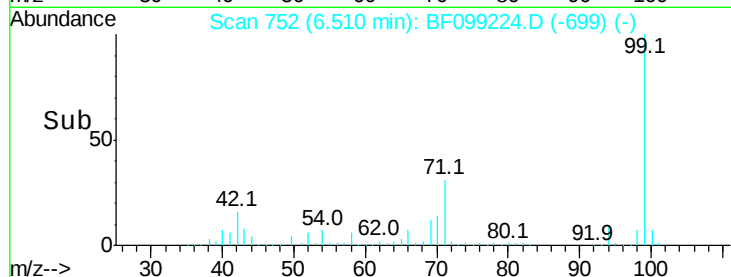
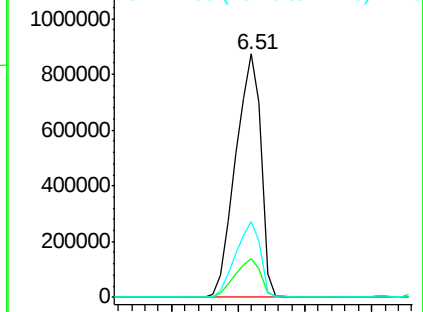
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.965 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

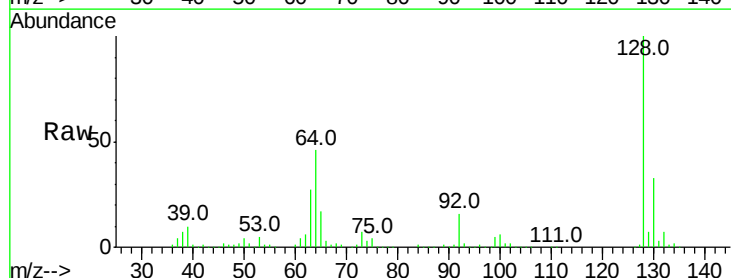
Tgt Ion:128 Resp: 348997

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

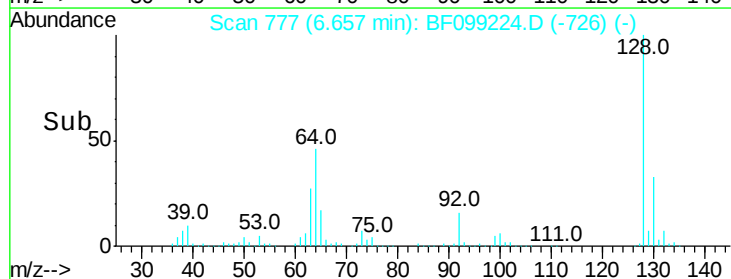
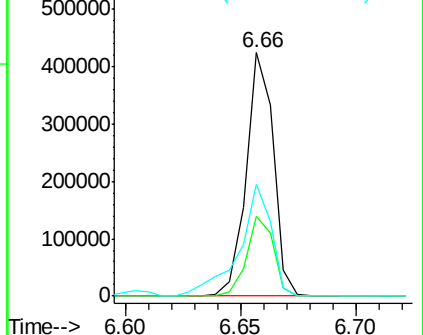
64 45.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.771 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

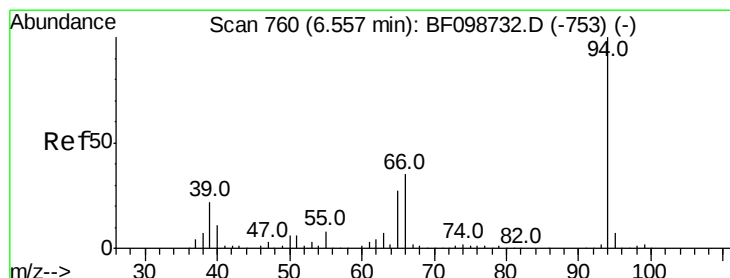
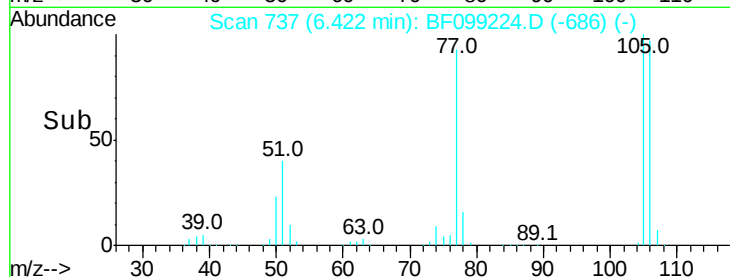
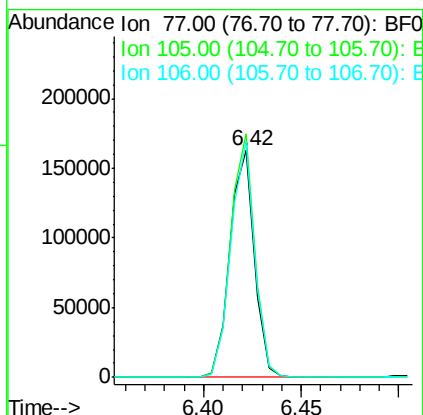
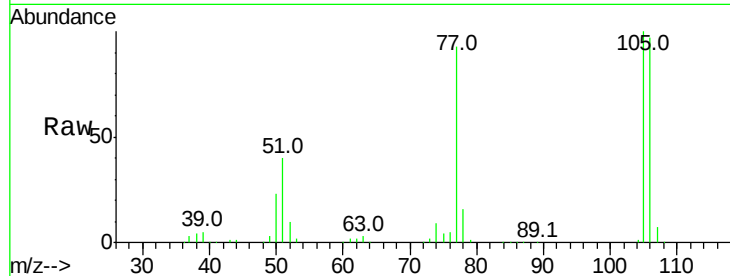
ClientSampleId :

PB103045BS

Tot Ion:	77	Resp:	141811
Ion Ratio	Lower	Upper	
77	100		
105	107.3	81.1	121.1
106	104.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 36.885 ng

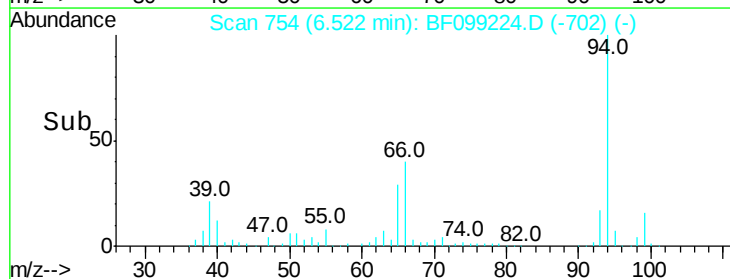
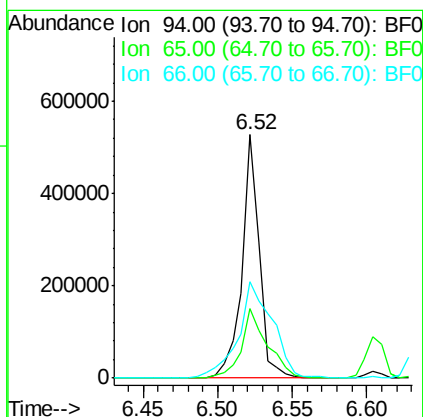
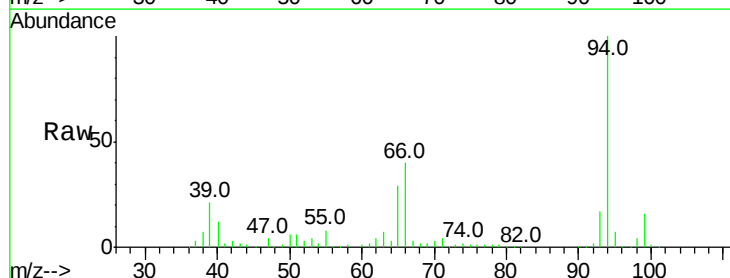
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	94	Resp:	424254
Ion Ratio	Lower	Upper	
94	100		
65	28.8	7.9	47.9
66	39.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.079 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

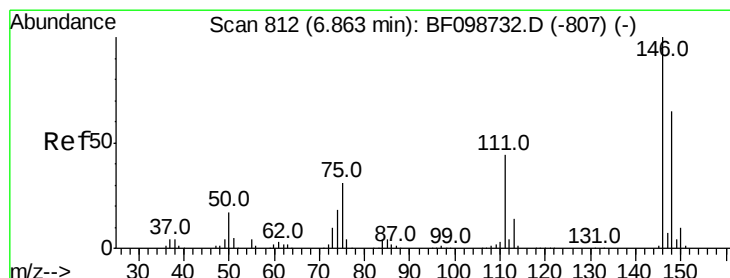
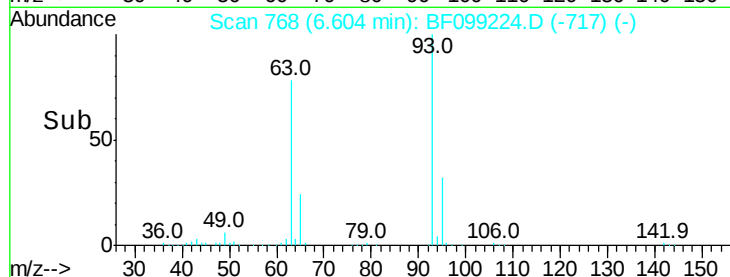
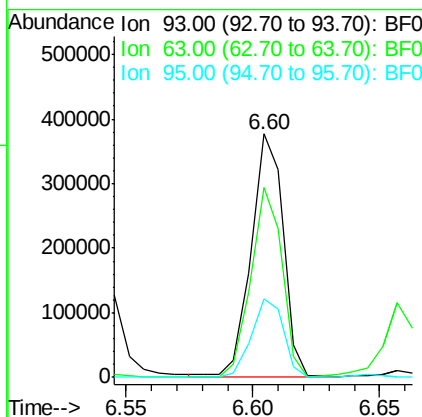
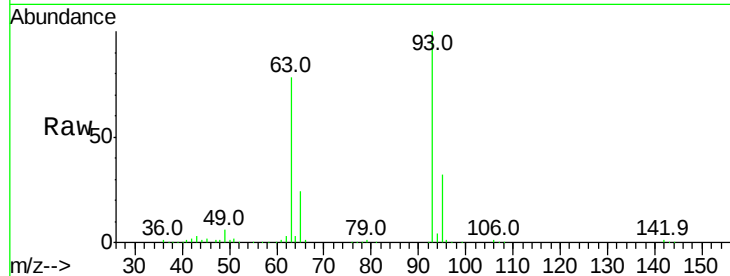
ClientSampleId :

PB103045BS

Tot Ion:	93	Resp:	331550
Ion Ratio	Lower	Upper	
93	100		
63	77.7	58.6	98.6
95	32.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.956 ng

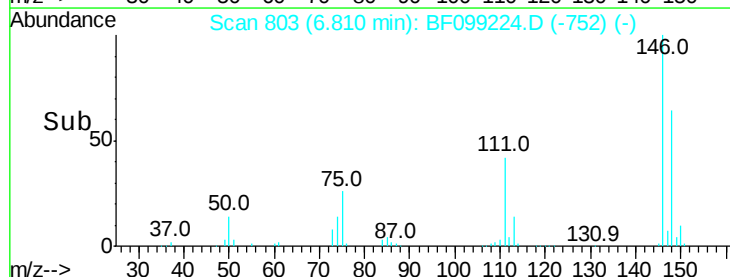
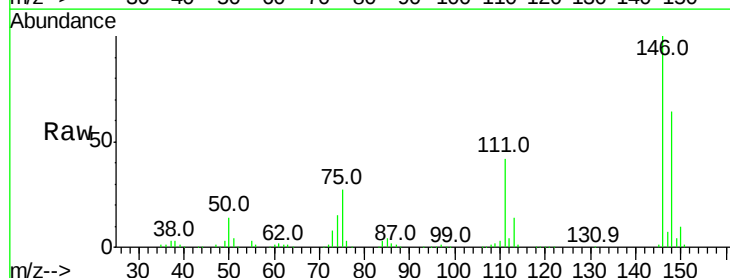
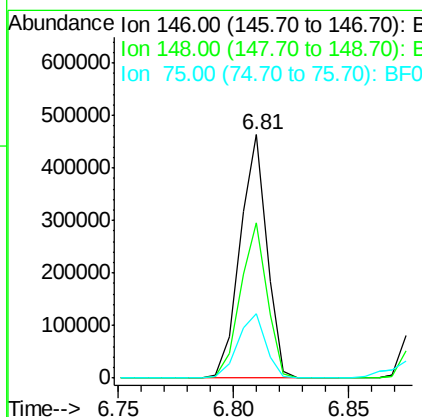
RT: 6.81 min Scan# 803

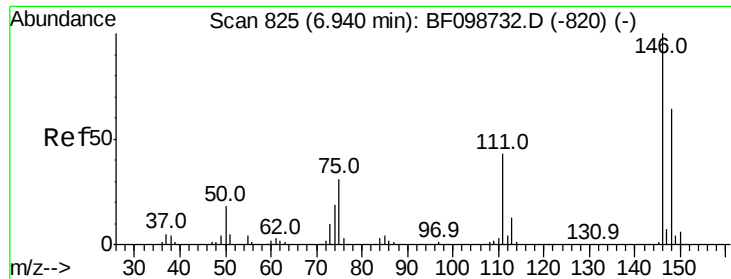
Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	146	Resp:	375296
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	26.6	24.2	36.4





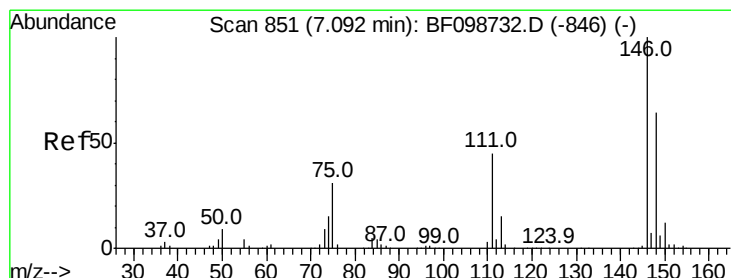
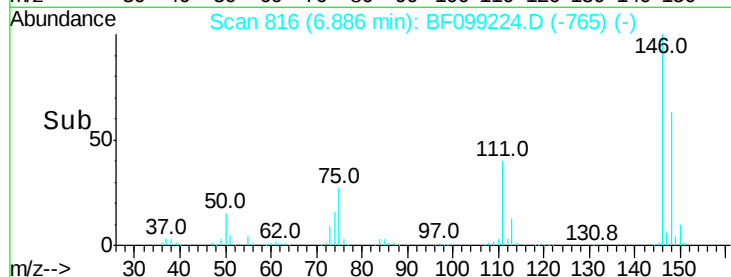
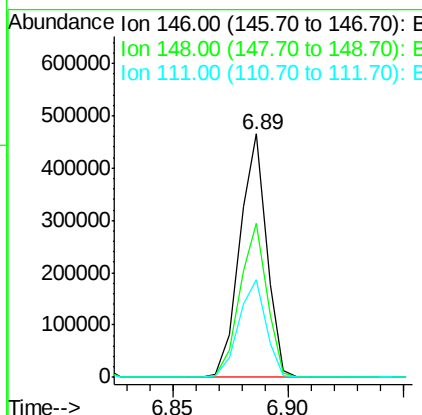
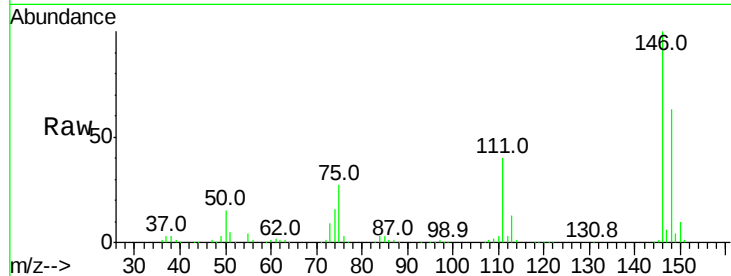
#13
1,4-Dichlorobenzene
Concen: 37.613 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	40.1	34.2	51.2

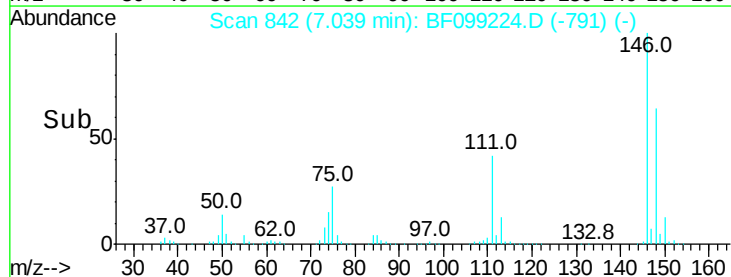
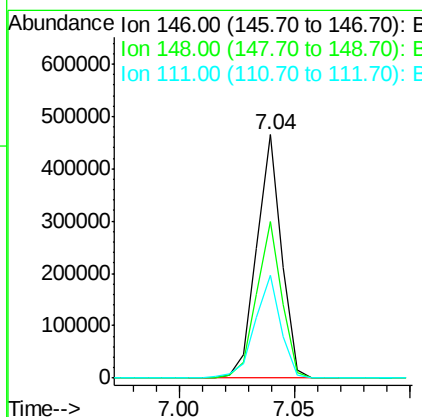
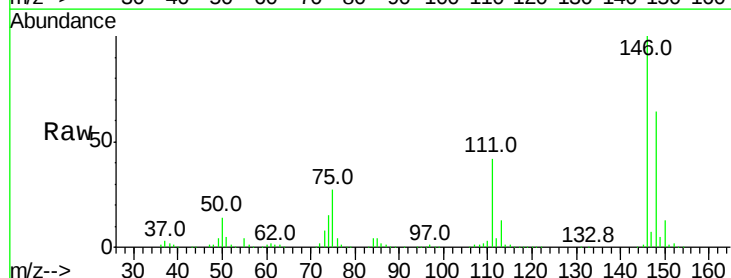
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 37.726 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	42.3	36.0	54.0





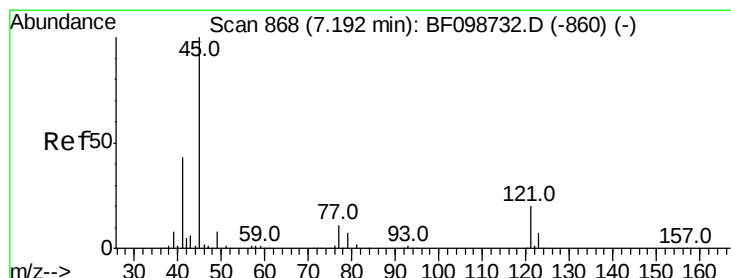
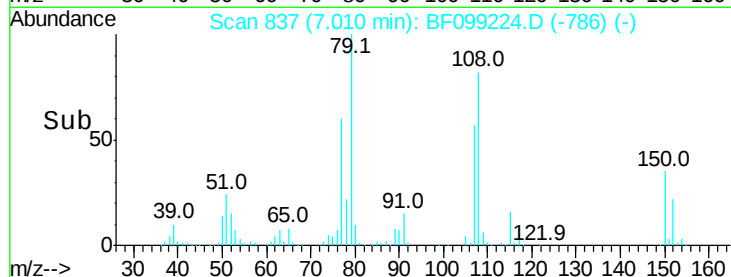
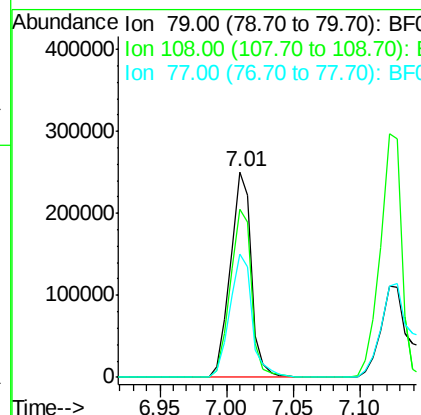
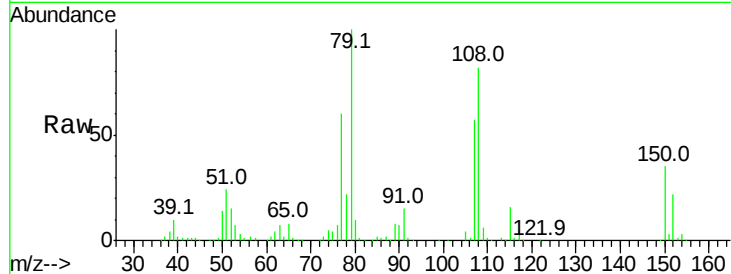
#15
Benzyl Alcohol
Concen: 37.035 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	65.1	97.7
77	60.3	50.6	75.8

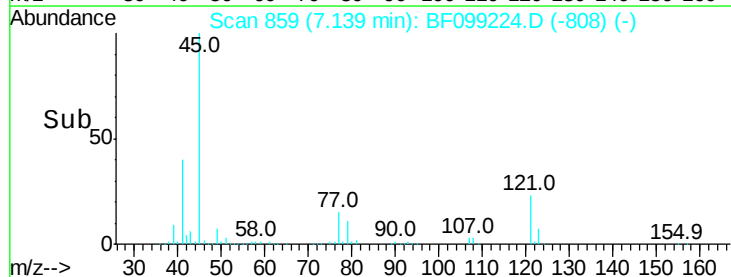
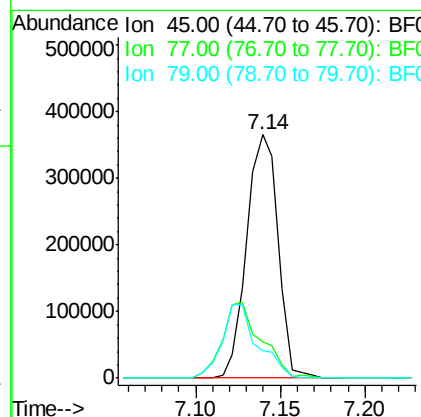
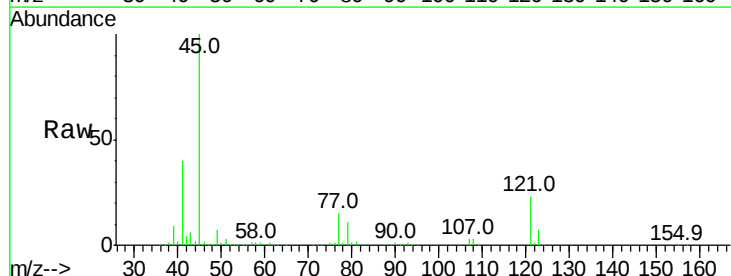
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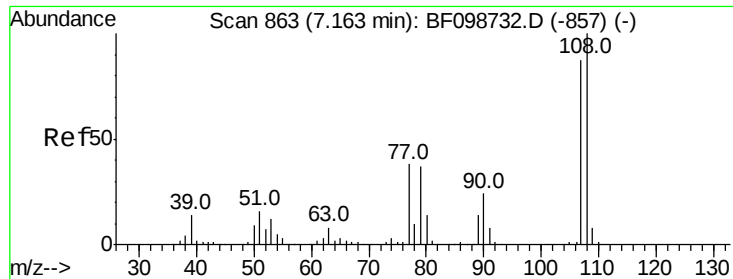
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.017 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	32.9
79	11.2	0.0	29.6





#17

2-Methylphenol

Concen: 37.962 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

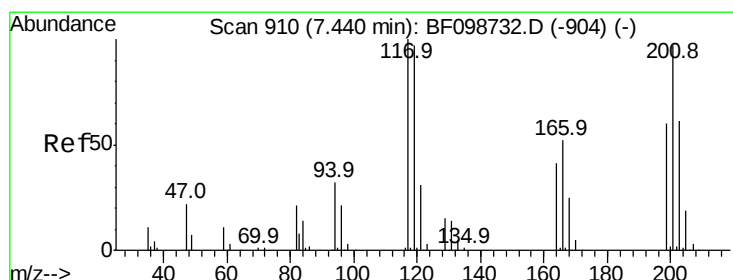
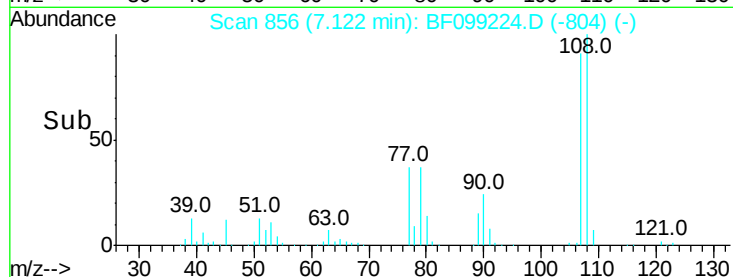
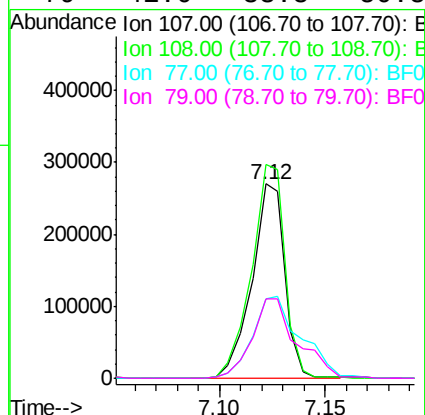
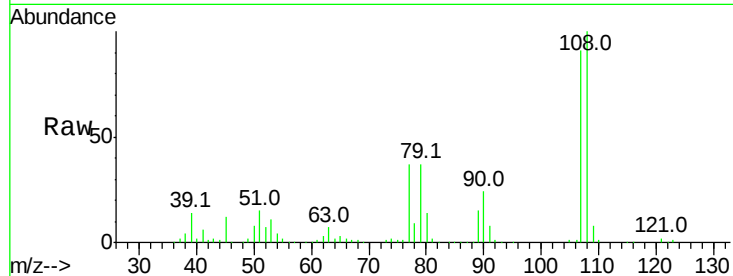
ClientSampleId :

PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	293261		
108	109.9	91.7	137.5	
77	41.0	33.8	50.8	
79	41.0	33.8	50.8	

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#18

Hexachloroethane

Concen: 37.200 ng

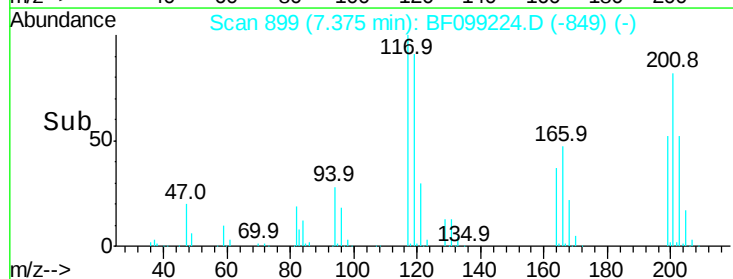
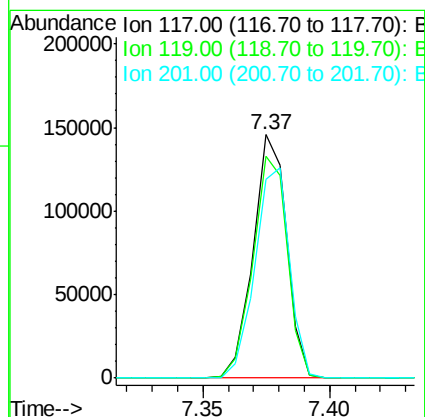
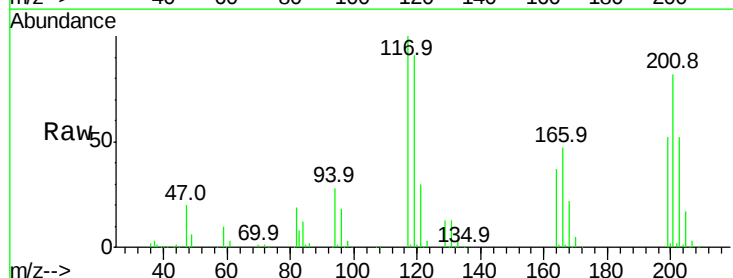
RT: 7.37 min Scan# 899

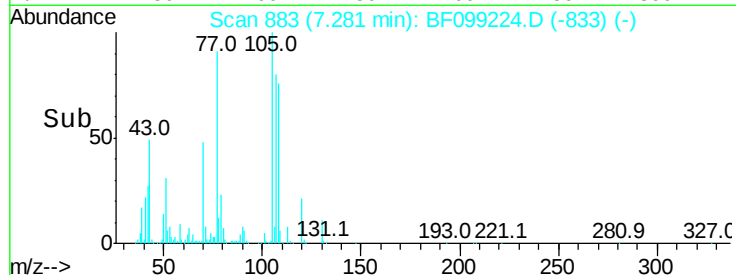
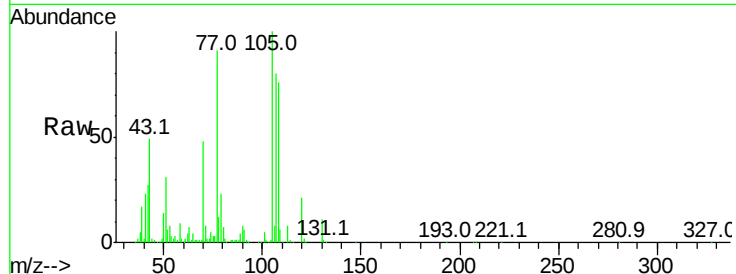
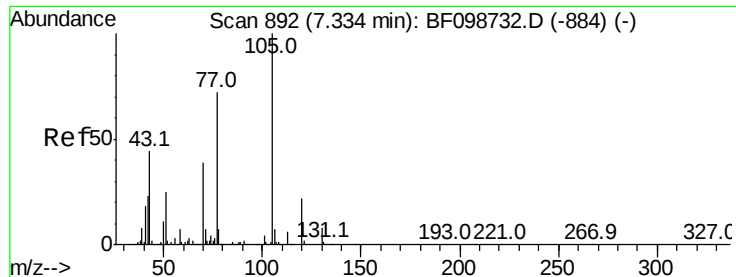
Delta R.T. -0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	134515		
119	91.0	75.8	113.8	
201	81.9	75.7	113.5	





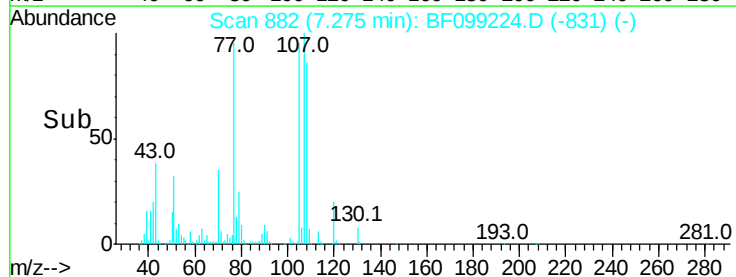
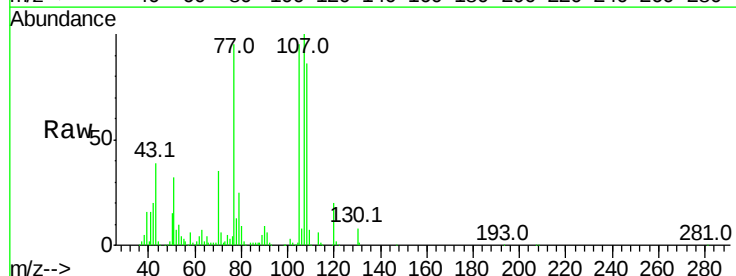
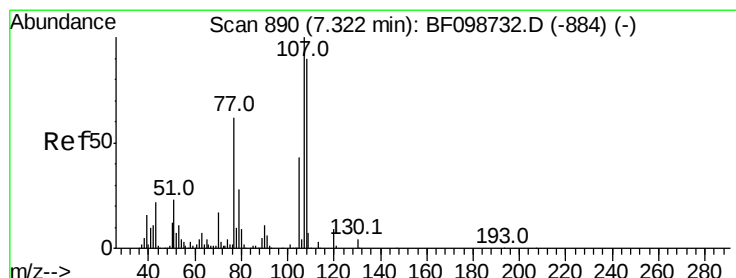
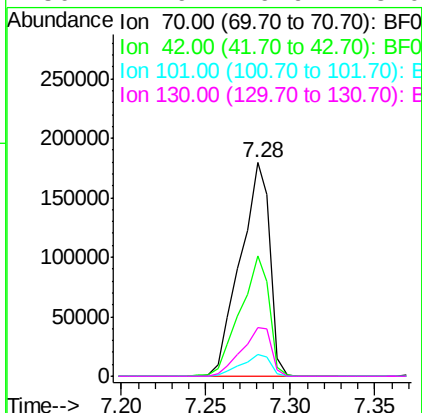
#19
n-Nitroso-di-n-propylamine
Concen: 33.461 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampled :
PB103045BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.5	71.3
101	10.5	7.4	11.2
130	22.6	16.6	25.0

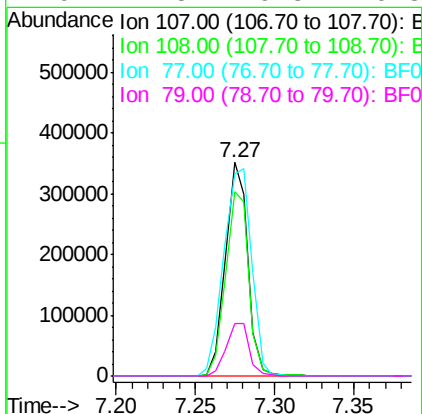
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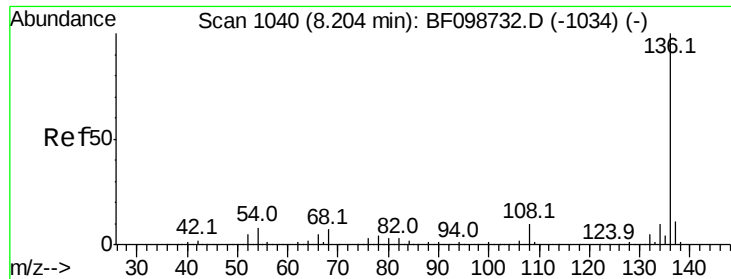
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#20
3+4-Methylphenols
Concen: 35.110 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	68.2	108.2
77	94.9	26.7	66.7#
79	24.8	6.3	46.3





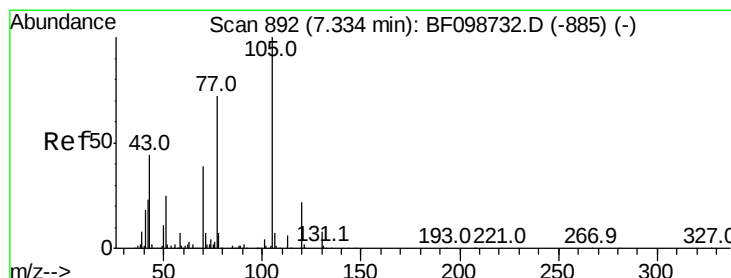
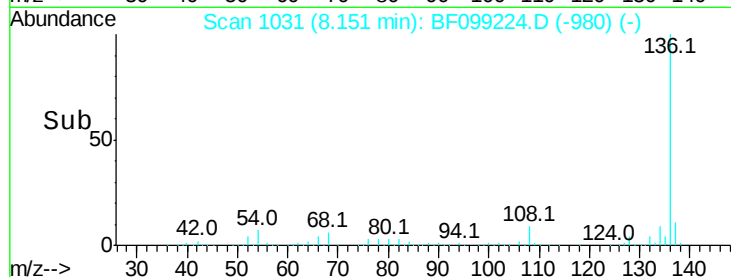
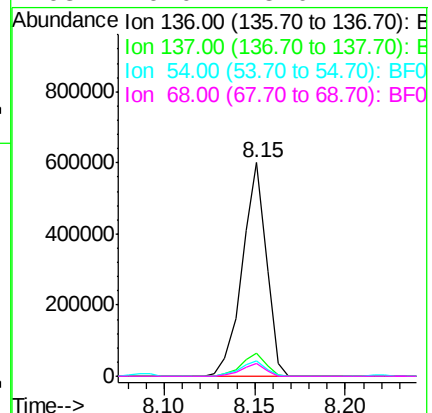
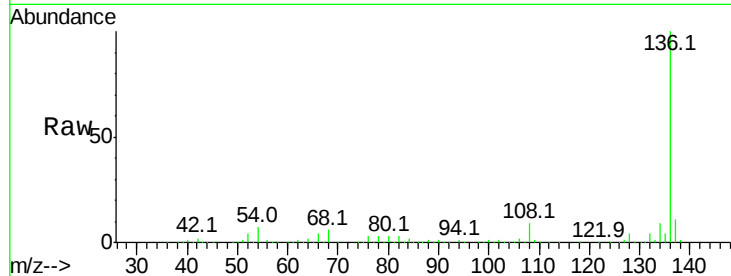
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.2	6.6	9.8	
68	6.0	5.0	7.4	

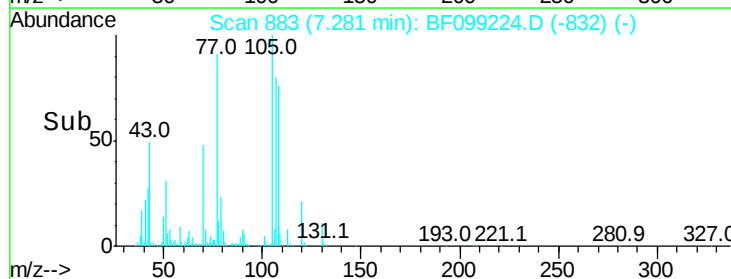
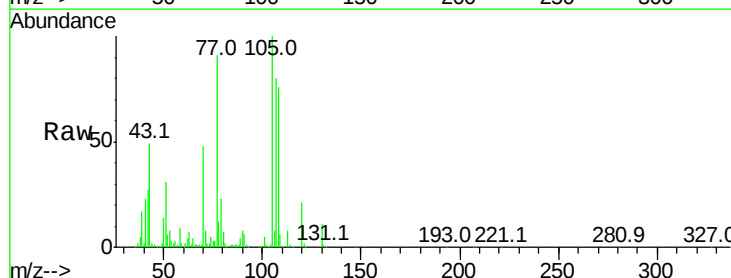
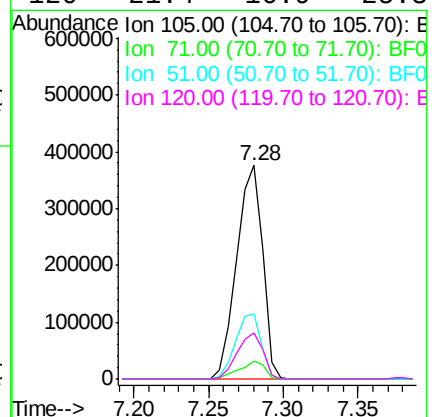
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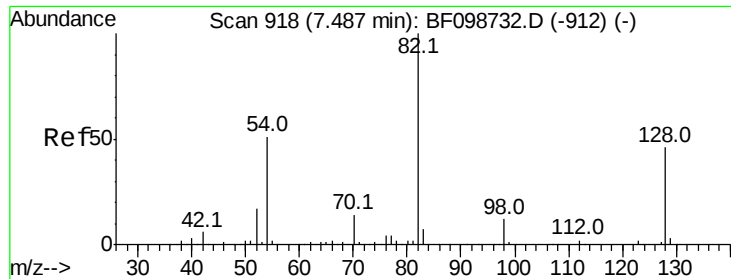
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#22
Acetophenone
Concen: 34.328 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.4	6.6#	
51	30.8	22.3	33.5	
120	21.4	16.9	25.3	





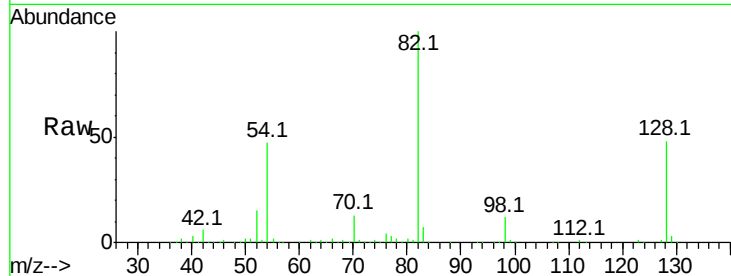
#23
 Nitrobenzene-d5
 Concen: 81.743 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

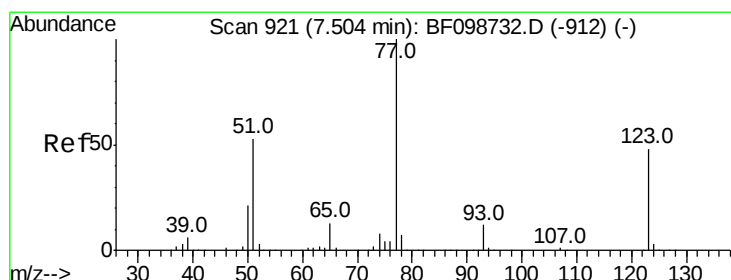
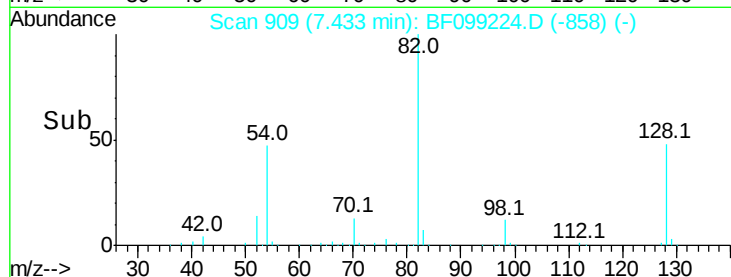
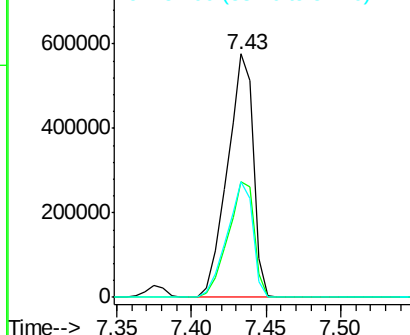
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	36.1	54.1	
54	47.2	41.4	62.2	

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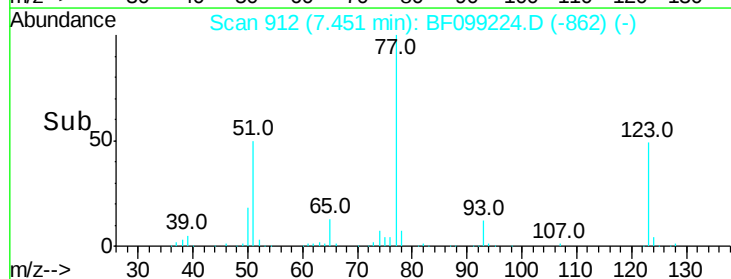
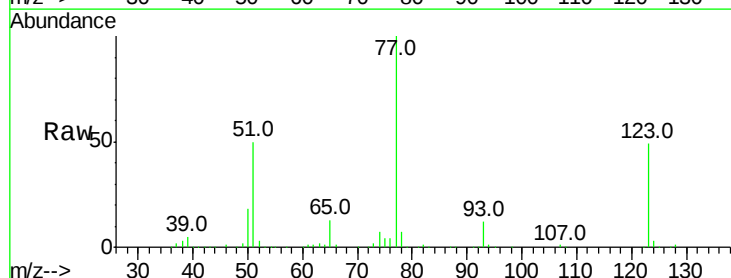
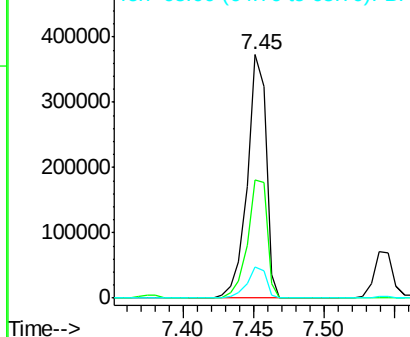
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

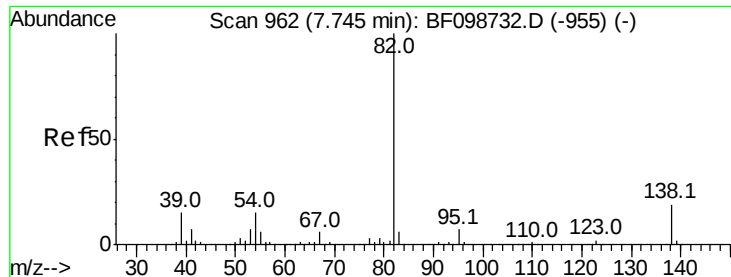


#24
 Nitrobenzene
 Concen: 35.766 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.7	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): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.259 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

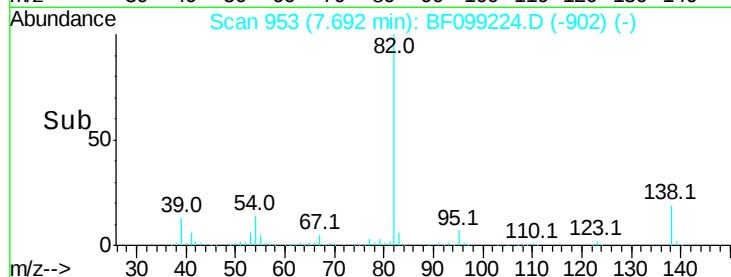
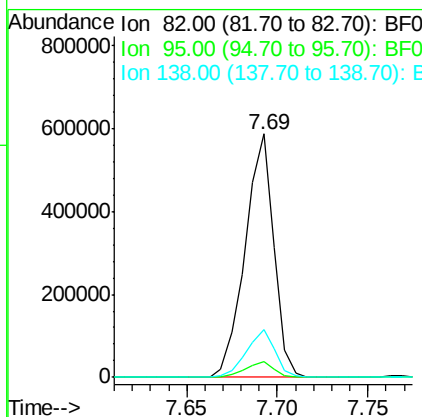
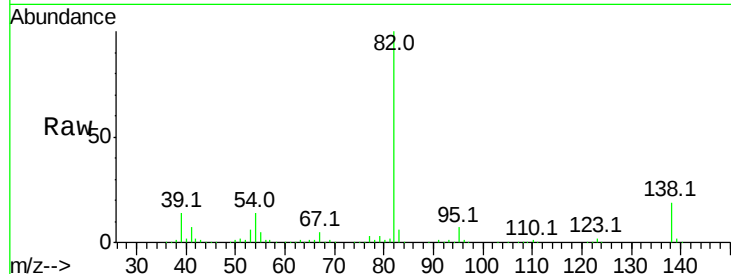
ClientSampleId :

PB103045BS

Tot Ion:	82	Resp:	645989
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 42.517 ng

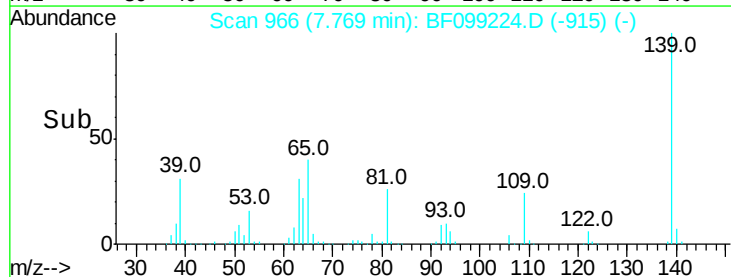
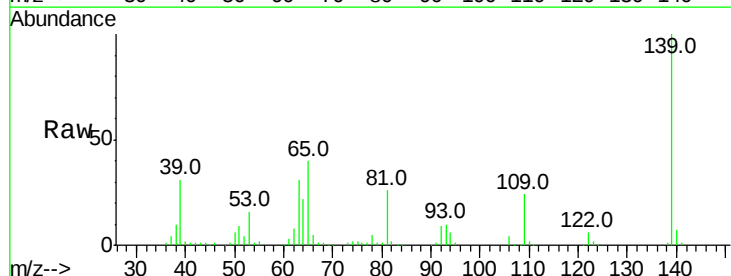
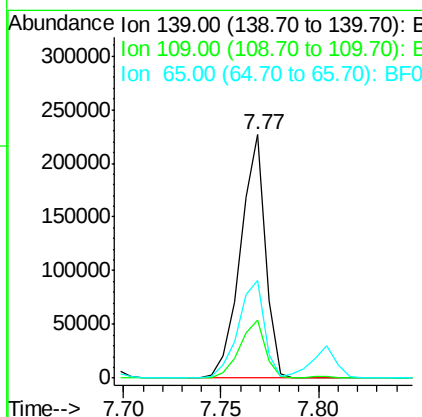
RT: 7.77 min Scan# 966

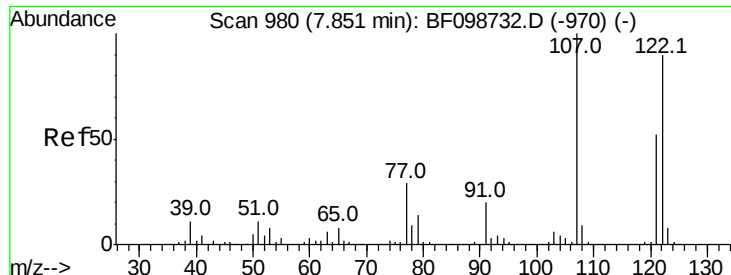
Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	139	Resp:	199854
Ion Ratio	Lower	Upper	
139	100		
109	23.9	22.7	34.1
65	40.1	40.5	60.7#





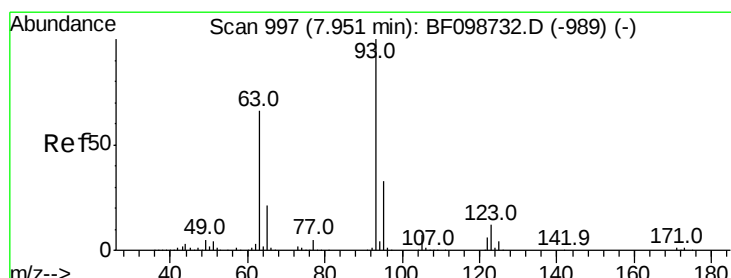
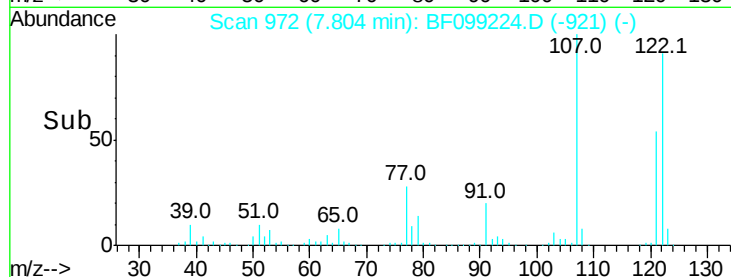
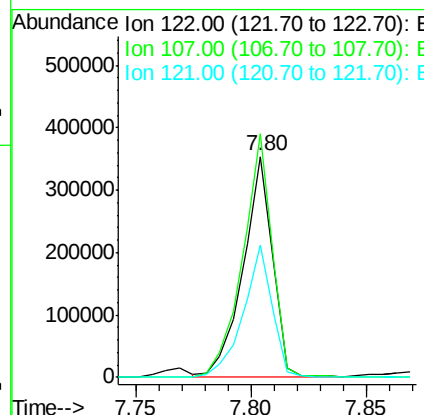
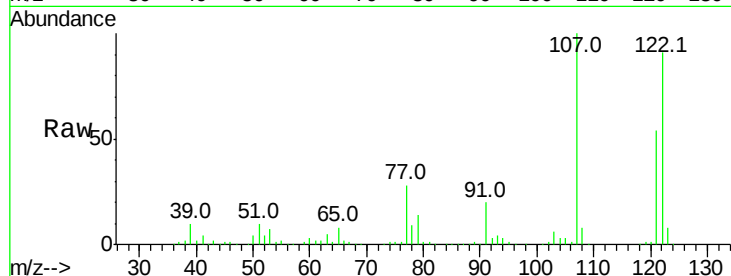
#27
 2,4-Dimethylphenol
 Concen: 35.571 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampled :
 PB103045BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	91.2	136.8
121	59.6	47.2	70.8

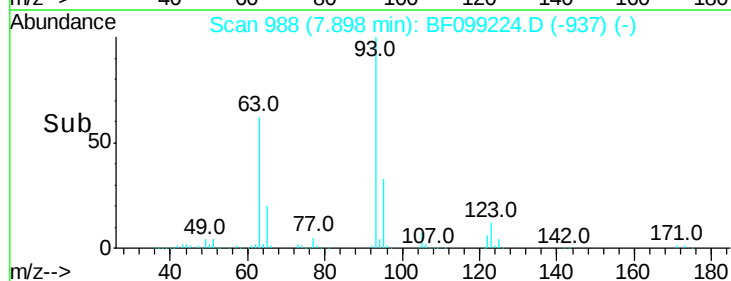
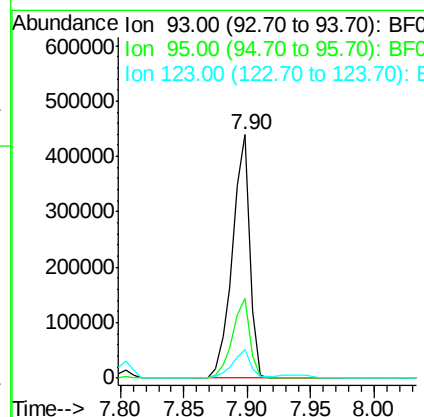
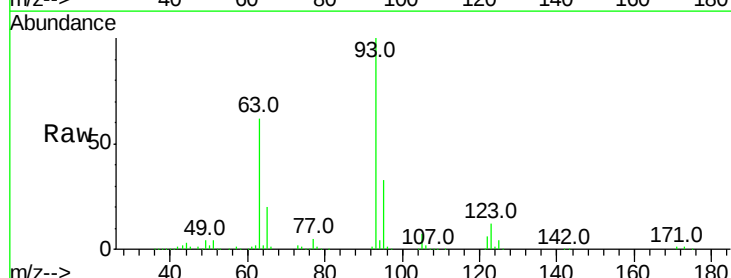
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.349 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.9	9.8	14.6





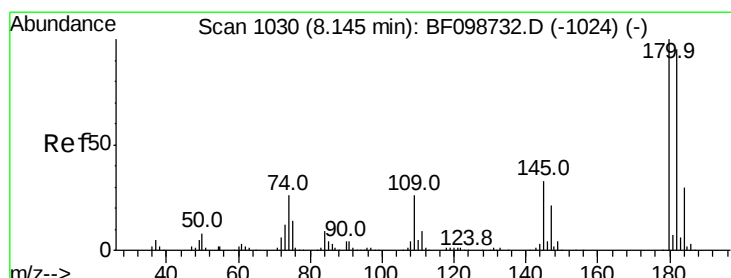
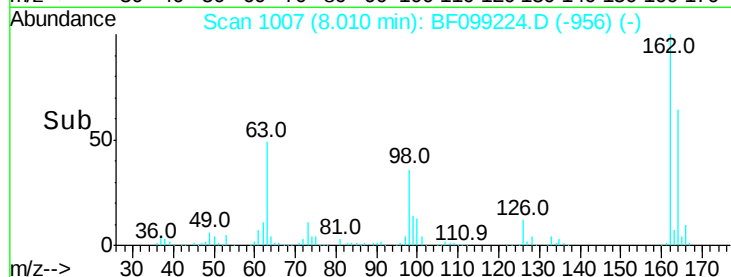
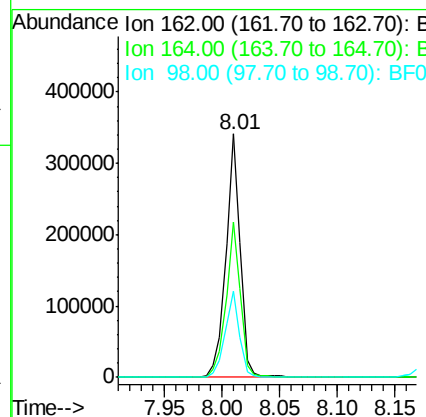
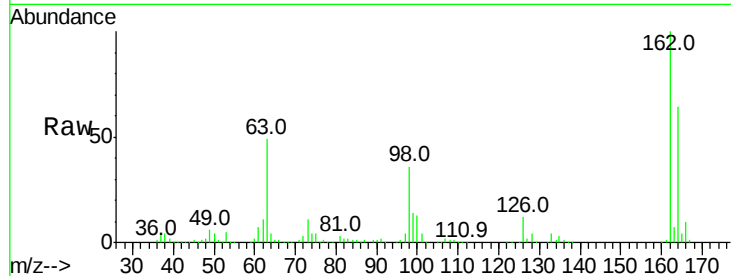
#29
2,4-Dichlorophenol
Concen: 38.671 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	294736		
164	63.8	42.7	82.7	
98	35.5	18.1	58.1	

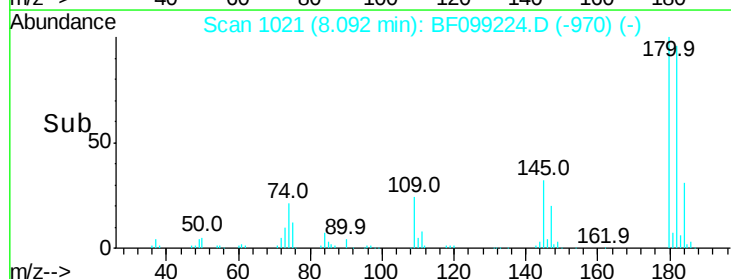
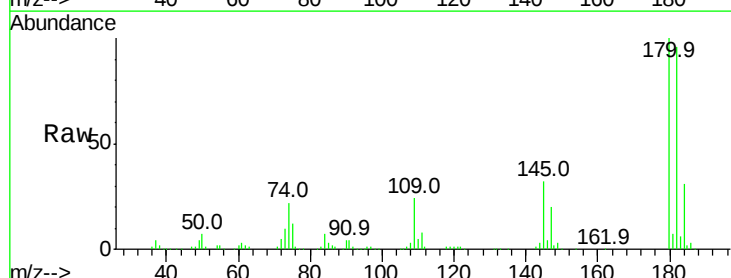
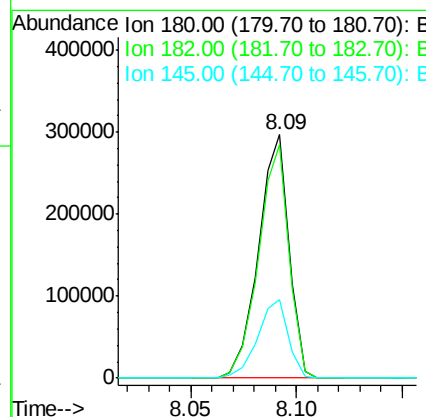
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 39.043 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	297622		
182	95.9	76.8	115.2	
145	32.0	26.5	39.7	





#31

Naphthalene

Concen: 38.136 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

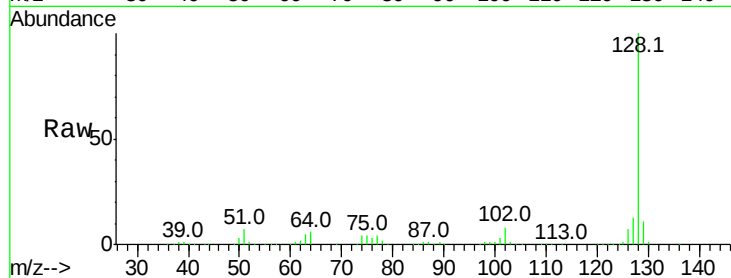
ClientSampled :

PB103045BS

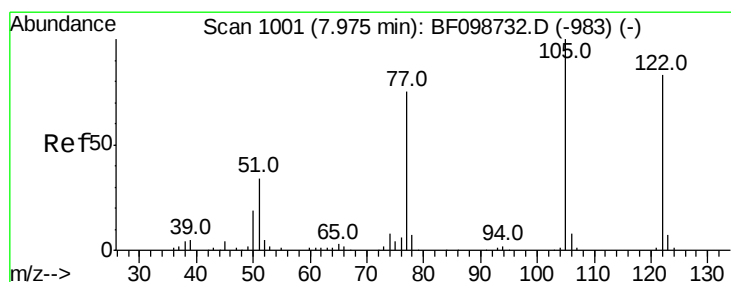
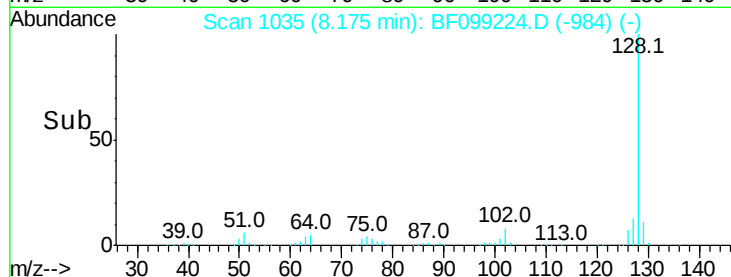
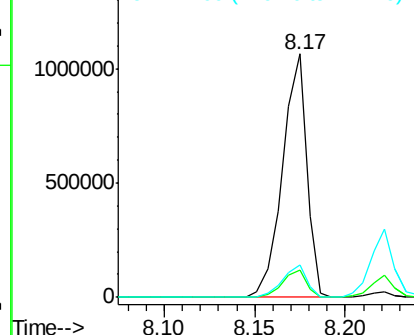
Tot Ion:	128	Resp:	989806
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3

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



#32

Benzoic acid

Concen: 30.187 ng

RT: 7.95 min Scan# 996

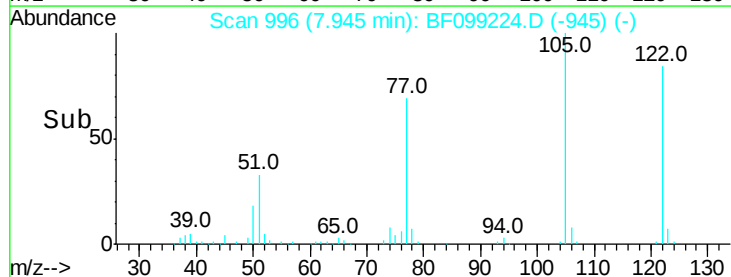
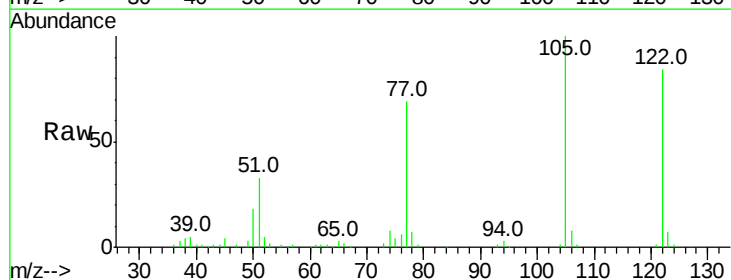
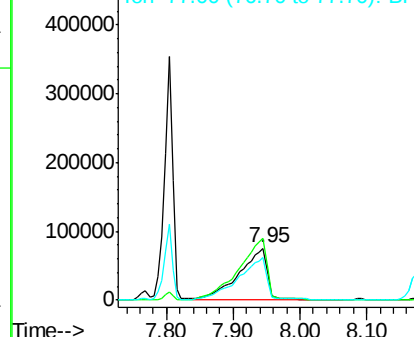
Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	122	Resp:	220120
Ion Ratio	Lower	Upper	
122	100		
105	119.1	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





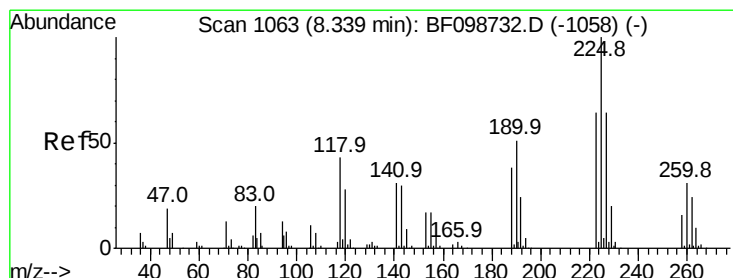
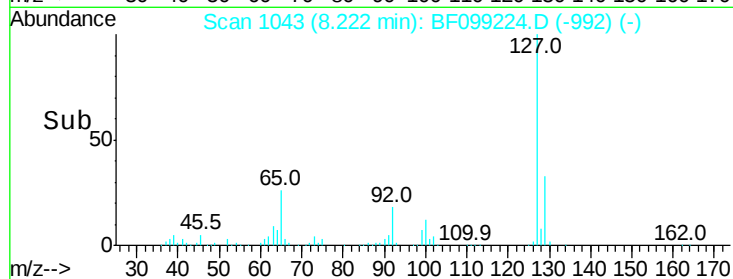
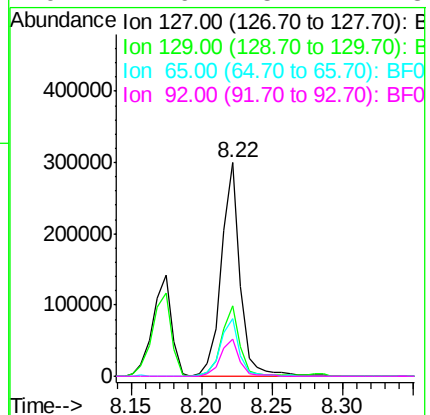
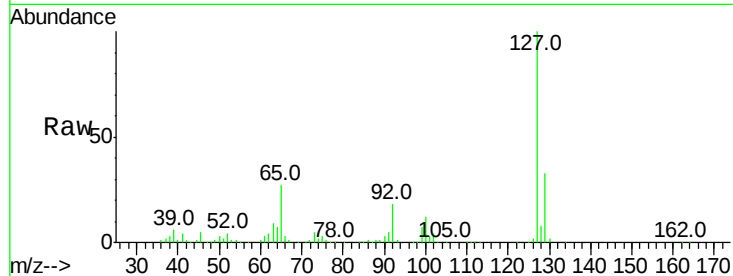
#33
4-Chloroaniline
Concen: 25.288 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	26.8	25.0	37.4
92	17.6	15.2	22.8

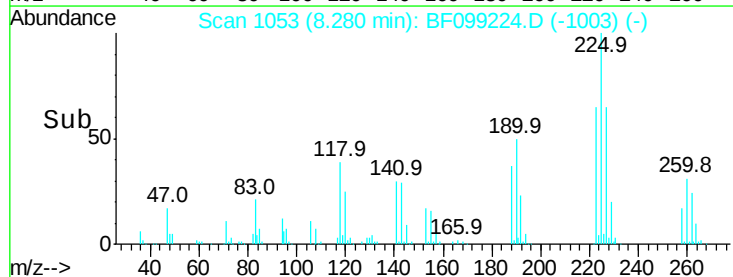
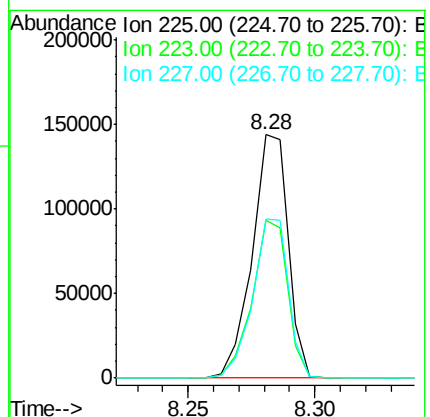
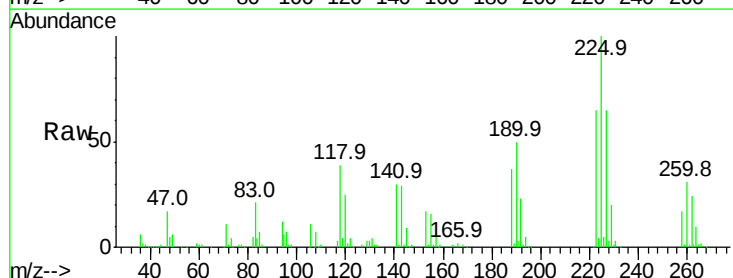
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 36.344 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	65.2	51.9	77.9





#35

Caprolactam

Concen: 40.860 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

ClientSampleID :

PB103045BS

Tot Ion:113 Resp: 99895

Ion Ratio Lower Upper

113 100

55 165.2 163.3 203.3

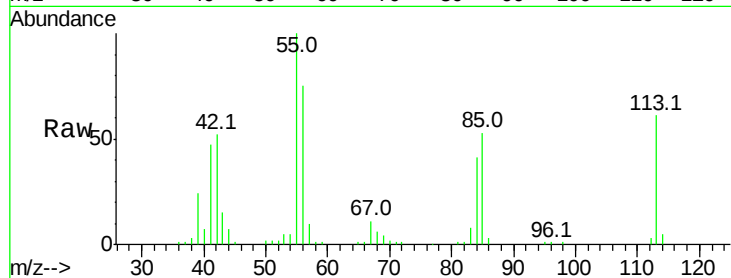
56 123.5 115.7 155.7

Manual Integrations

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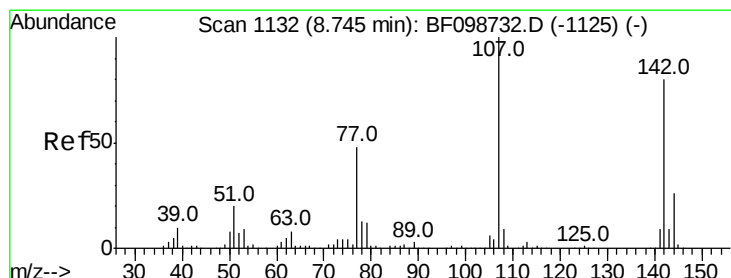
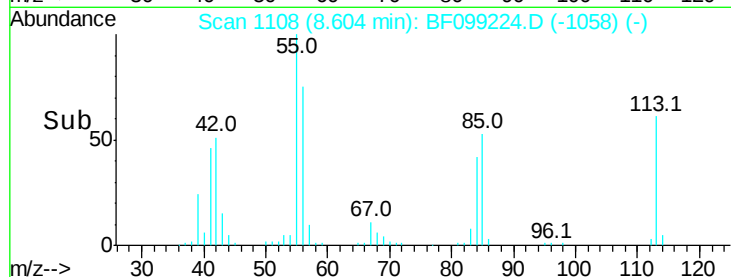
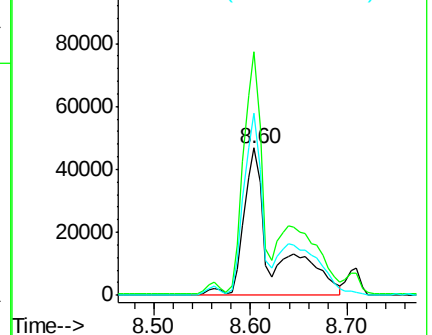
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.073 ng/mL

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

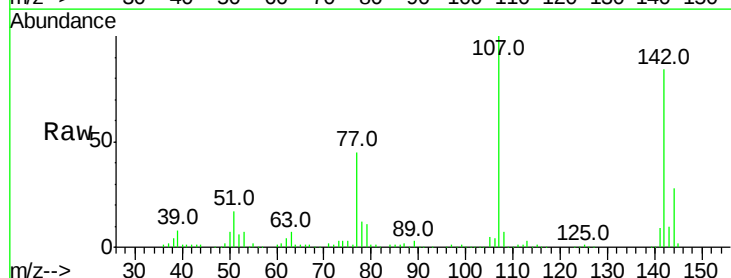
Tgt Ion:107 Resp: 309022

Ion Ratio Lower Upper

107 100

144 27.7 20.5 30.7

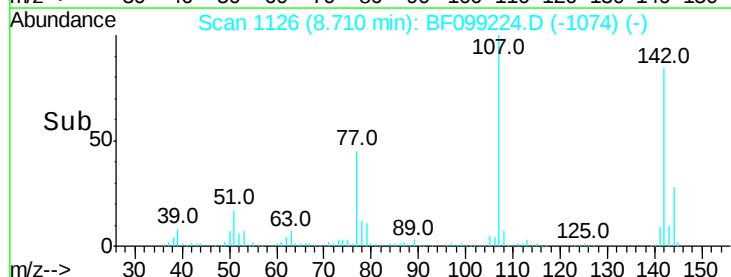
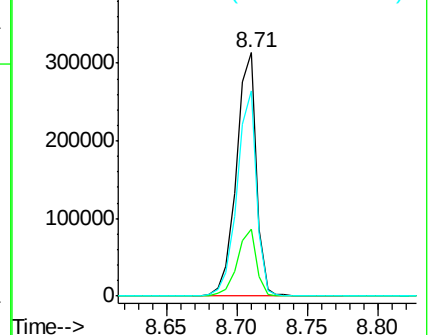
142 84.4 62.0 93.0

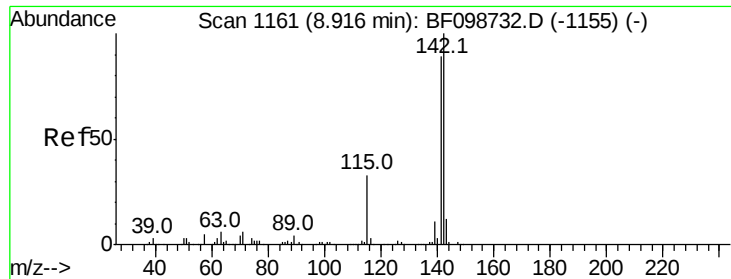


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





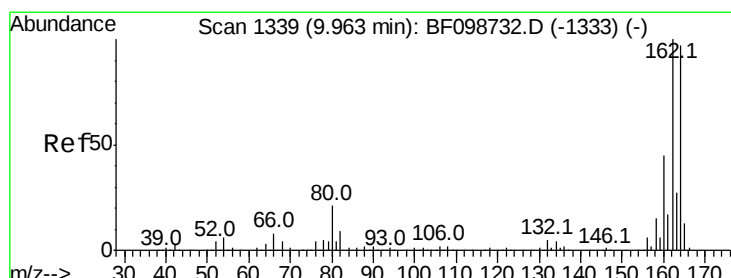
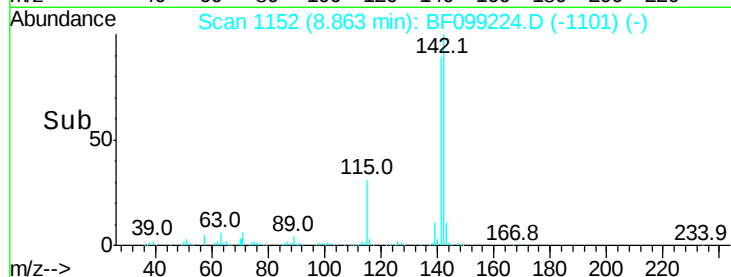
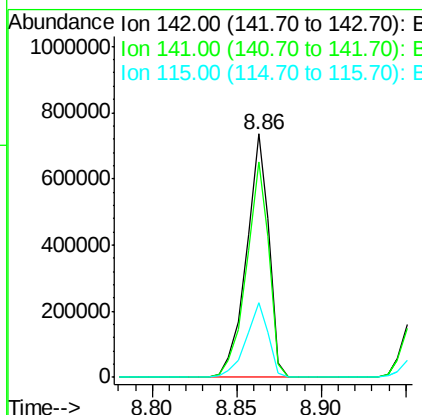
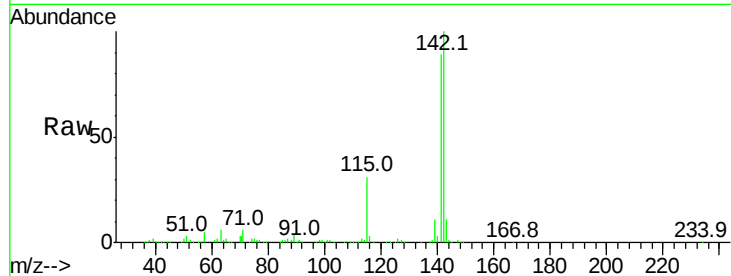
#37
2-Methylnaphthalene
Concen: 40.451 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	682515		
141	88.8		70.8	106.2
115	30.8		26.1	39.1

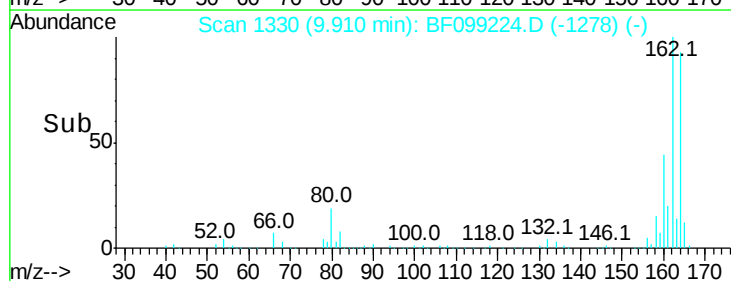
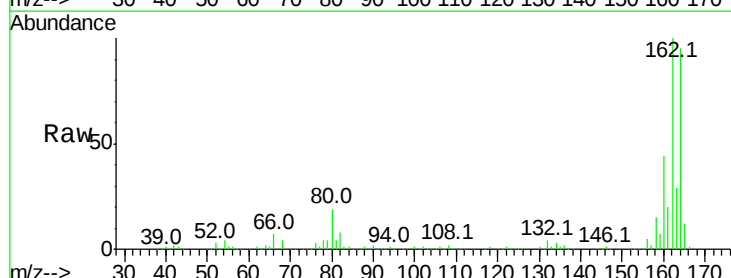
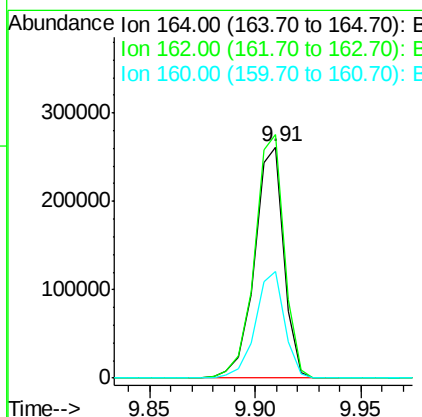
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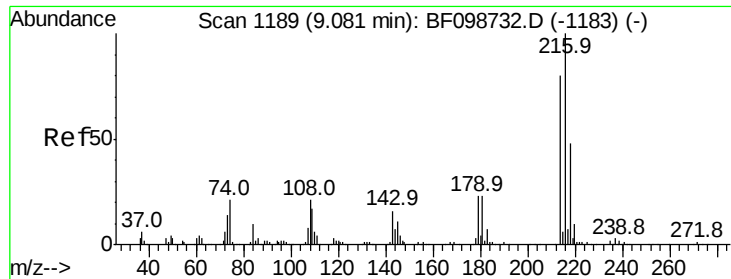
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252638		
162	105.5		86.1	129.1
160	46.1		38.3	57.5





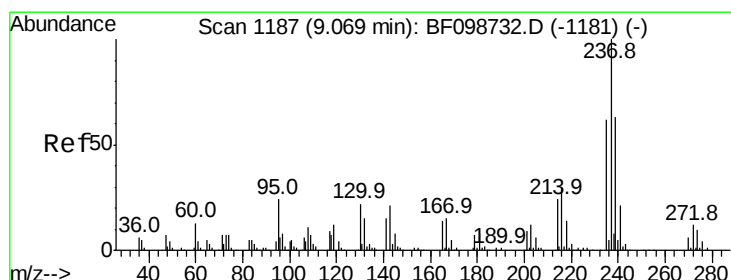
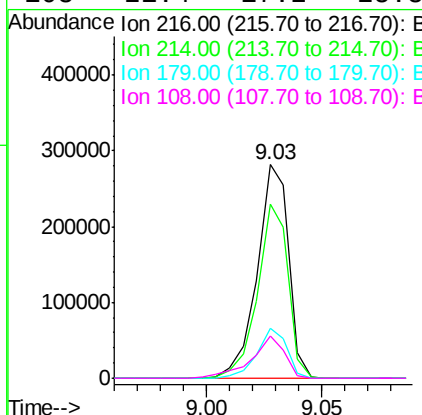
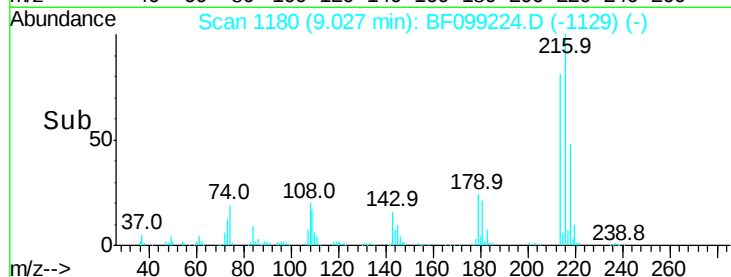
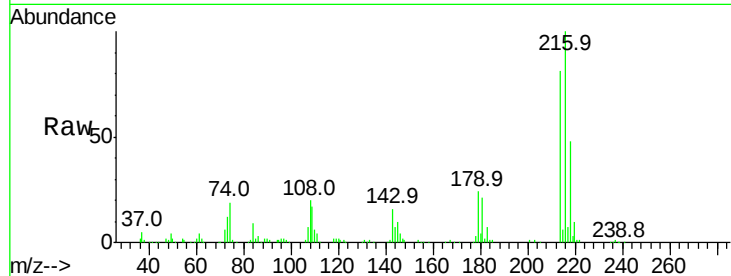
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.524 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.3	18.1	27.1
108	21.4	17.2	25.8

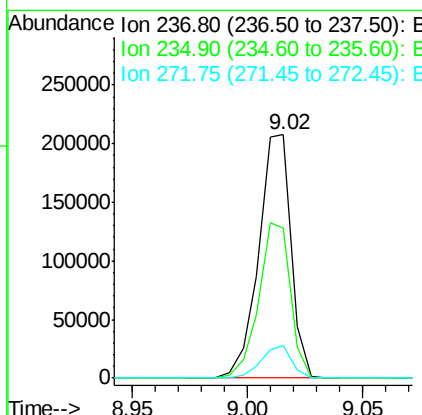
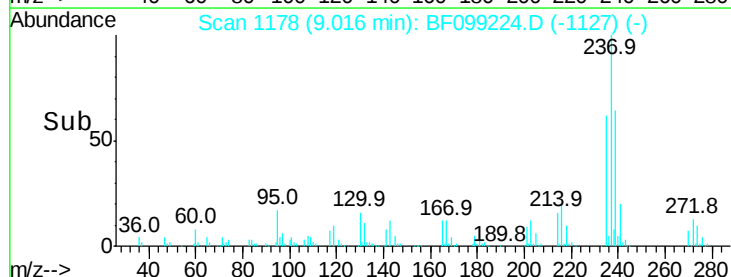
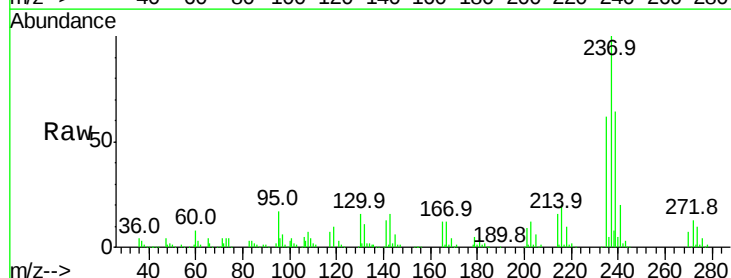
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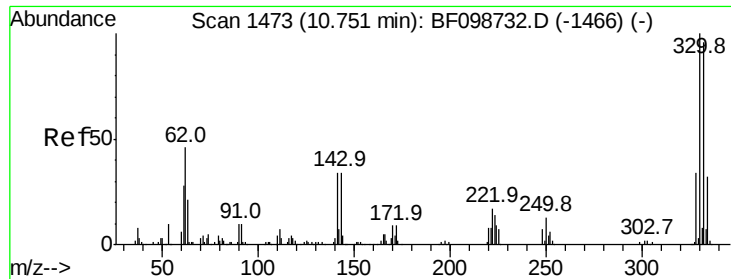
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#40
 Hexachlorocyclopentadiene
 Concen: 59.086 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	44.8	84.8
272	13.4	0.0	33.3





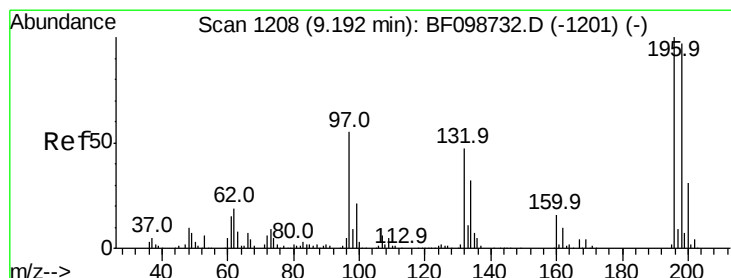
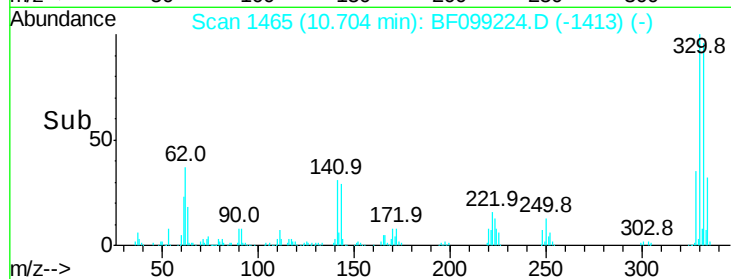
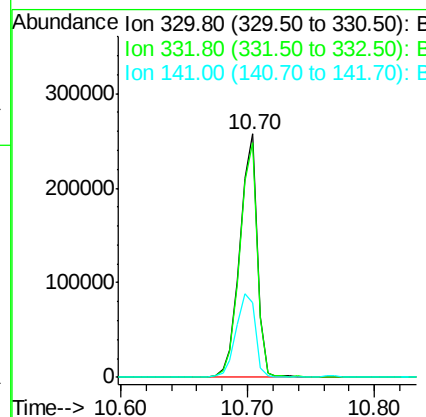
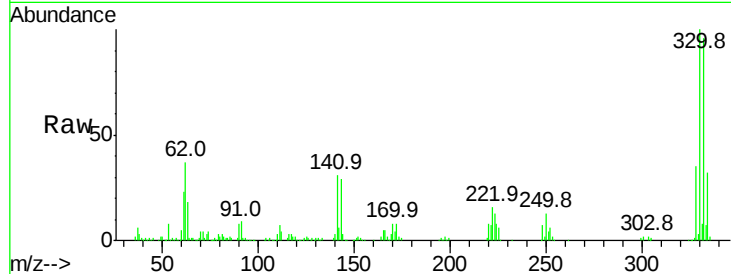
#41
 2,4,6-Tribromophenol
 Concen: 117.330 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	242552		
332	97.1	77.0	115.6	
141	38.4	29.9	44.9	

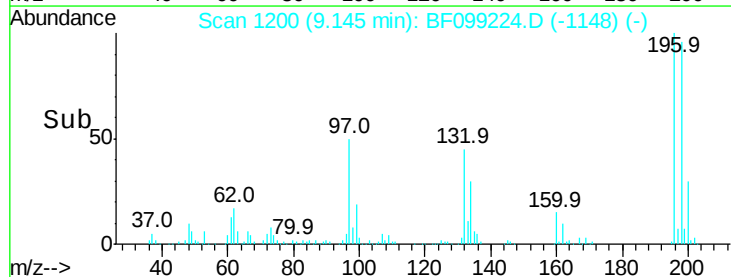
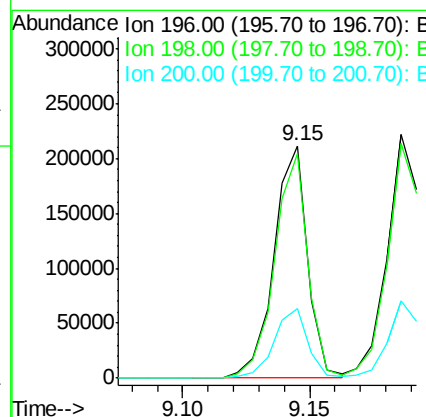
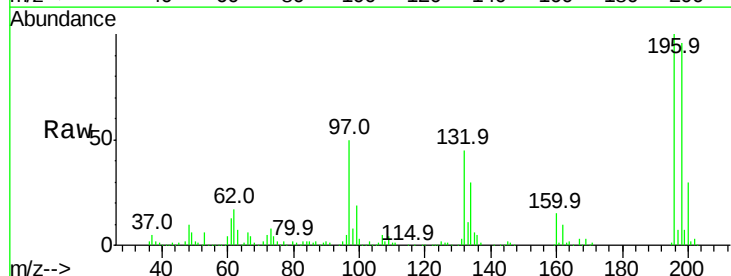
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#42
 2,4,6-Trichlorophenol
 Concen: 36.925 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197089		
198	96.4	75.7	113.5	
200	29.9	24.5	36.7	





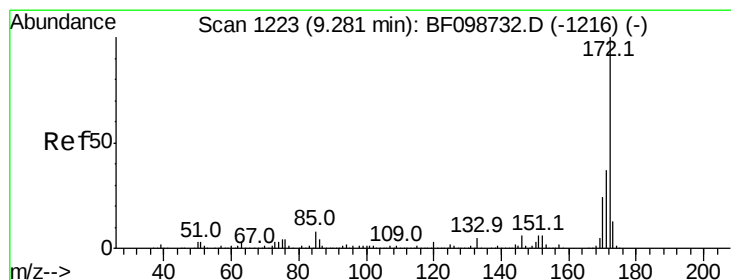
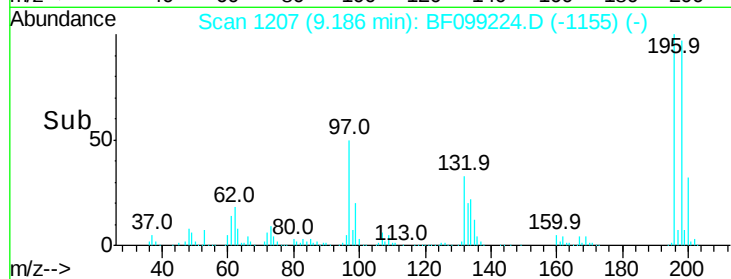
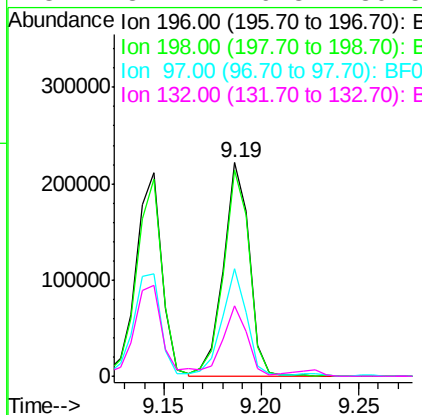
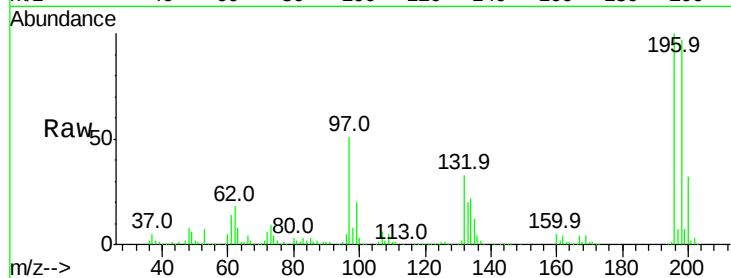
#43
 2,4,5-Trichlorophenol
 Concen: 38.193 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	203504		
198	96.6	74.6	112.0	
97	50.6	42.9	64.3	
132	32.7	26.3	39.5	

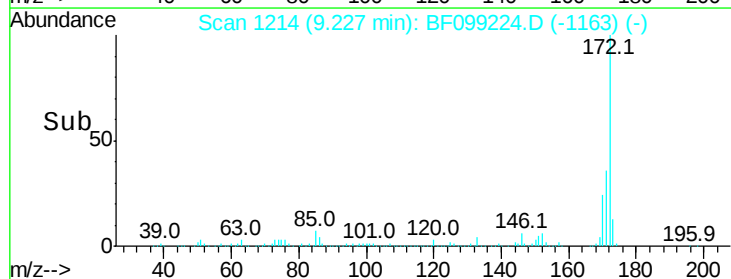
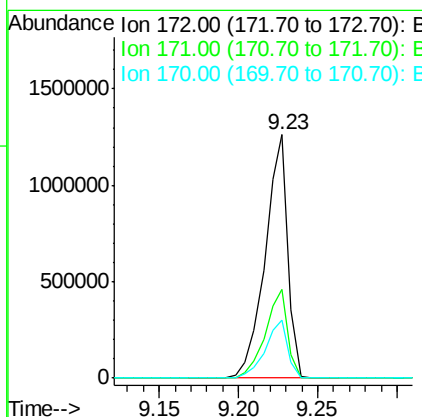
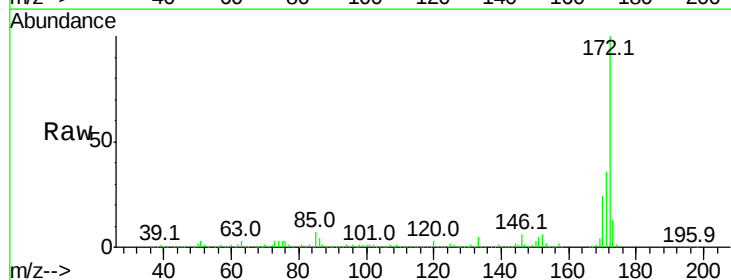
Manual Integrations
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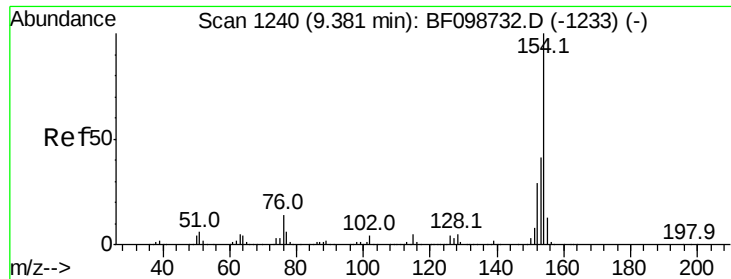
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#44
 2-Fluorobiphenyl
 Concen: 83.047 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1256783		
171	36.2	29.7	44.5	
170	24.1	19.6	29.4	





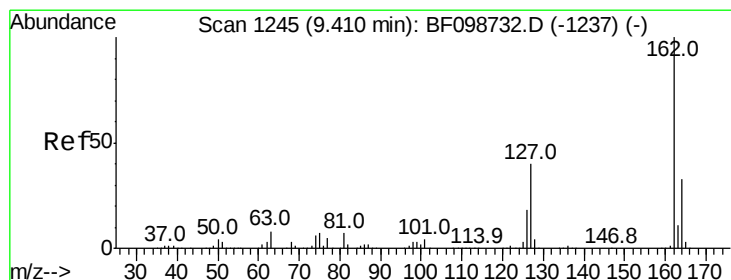
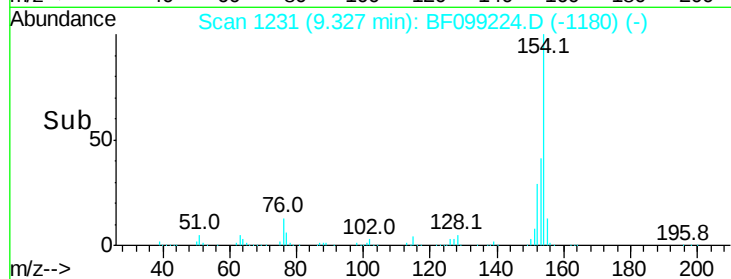
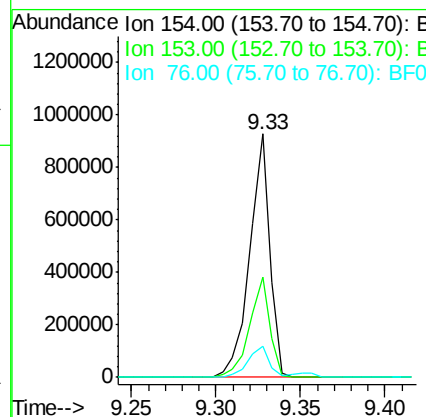
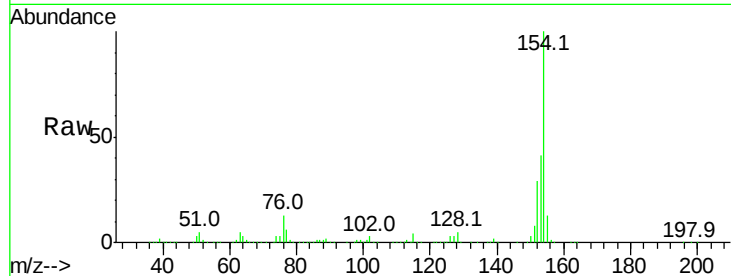
#45
 1,1'-Biphenyl
 Concen: 35.827 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.0	0.0	34.0

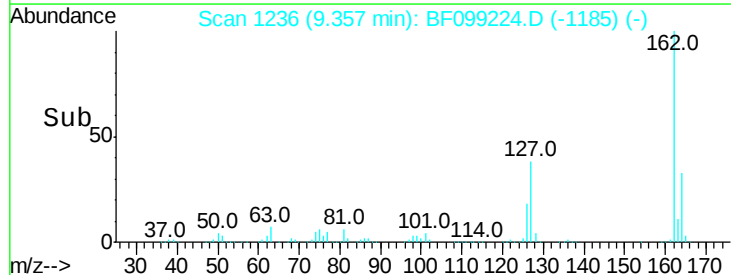
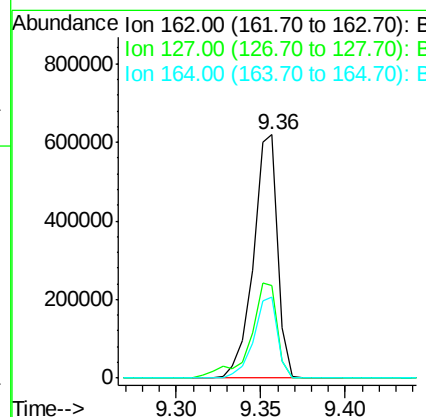
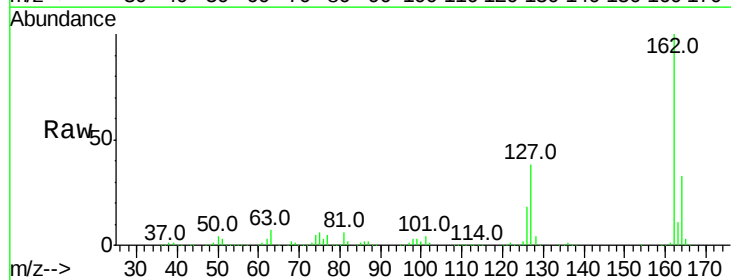
Manual Integrations
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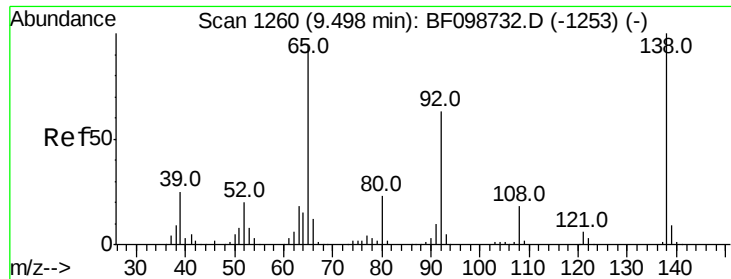
Sohil
 10/9/2017 6:35:51 PM



#46
 2-Chloronaphthalene
 Concen: 38.077 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	33.9	50.9
164	33.0	26.5	39.7





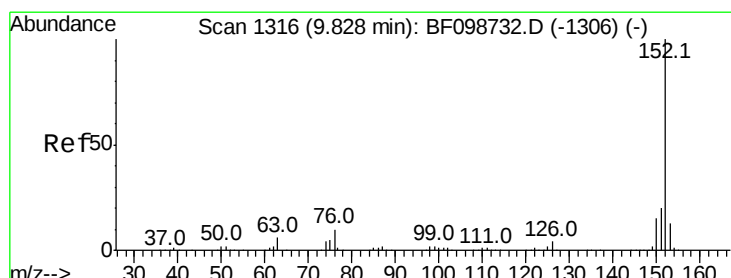
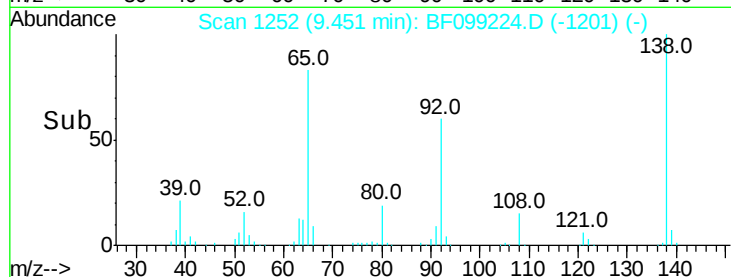
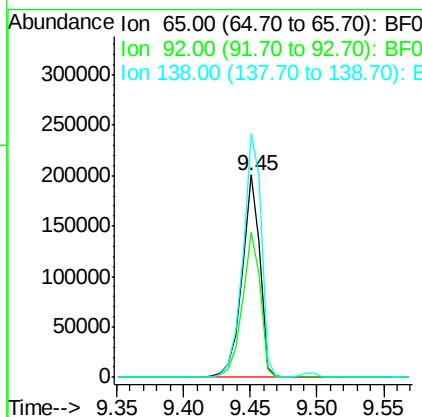
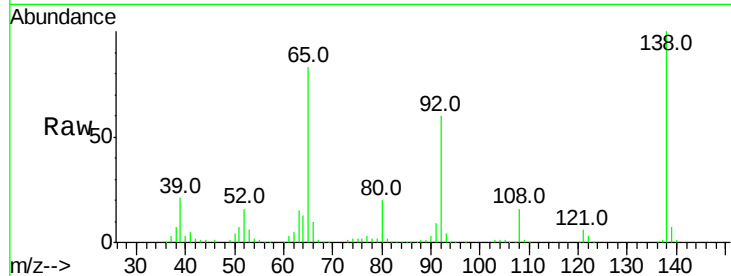
#47
2-Nitroaniline
Concen: 37.212 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.8	83.6
138	120.4	91.2	136.8

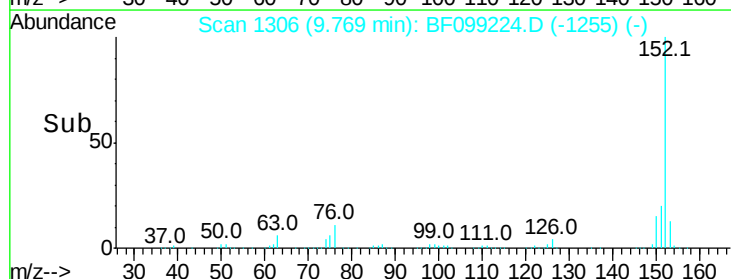
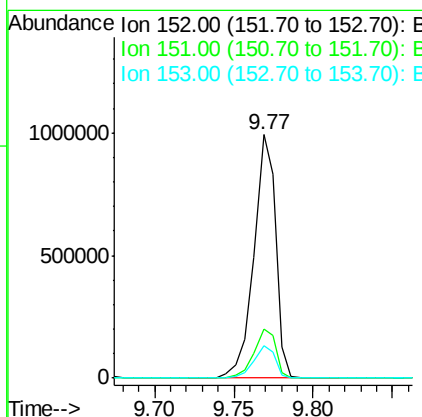
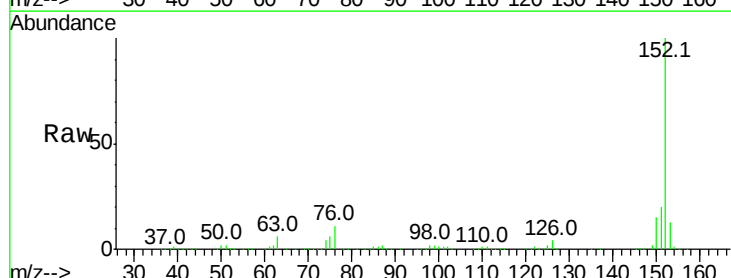
Manual Integrations
APPROVED

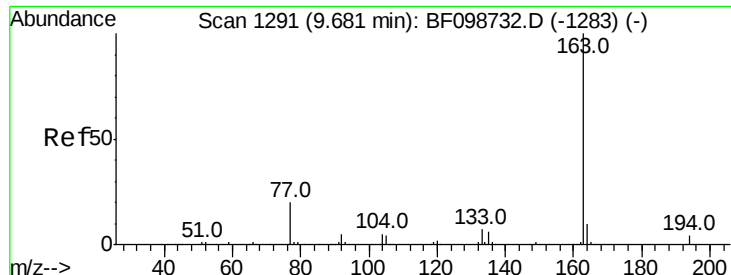
Sohil
10/9/2017 6:35:51 PM



#48
Acenaphthylene
Concen: 38.020 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.7	16.1





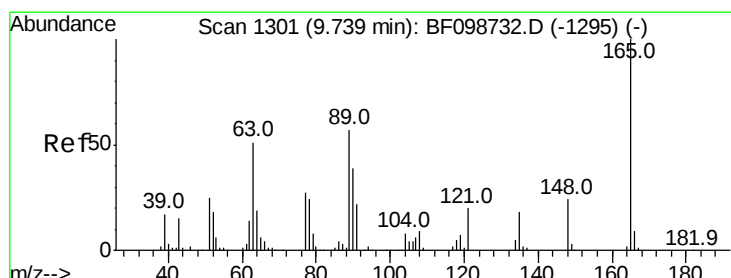
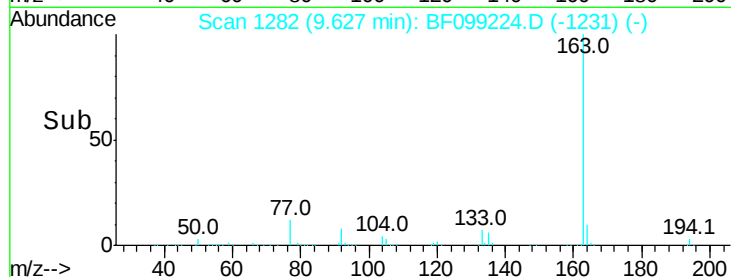
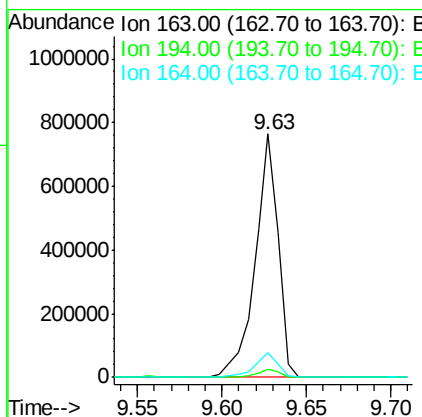
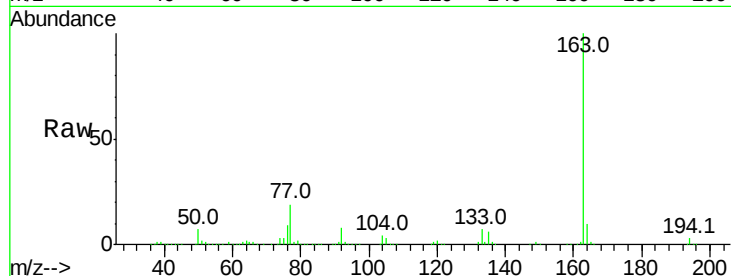
#49
Dimethylphthalate
Concen: 37.784 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.2	8.2	12.2	

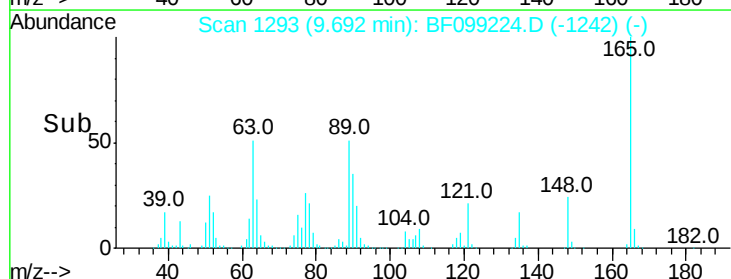
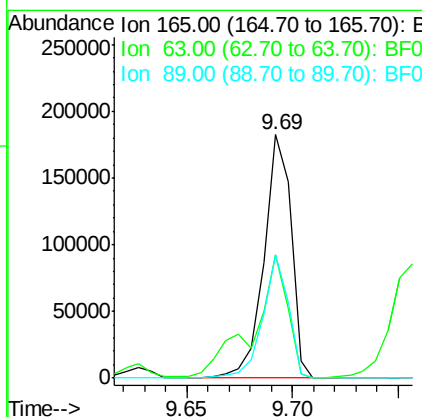
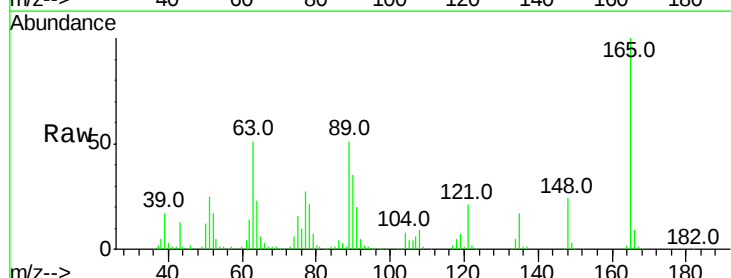
Manual Integrations
APPROVED

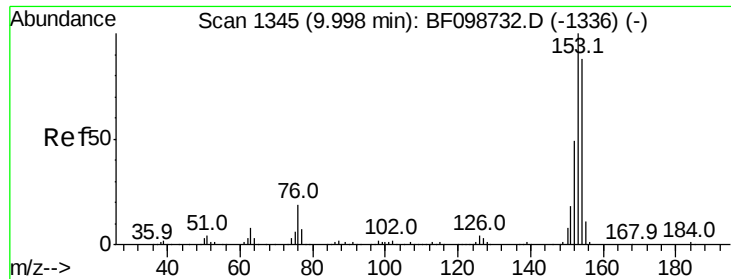
Sohil
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#50
2,6-Dinitrotoluene
Concen: 39.365 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.8	44.7	67.1	
89	50.6	44.0	66.0	





#51

Acenaphthene

Concen: 35.311 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

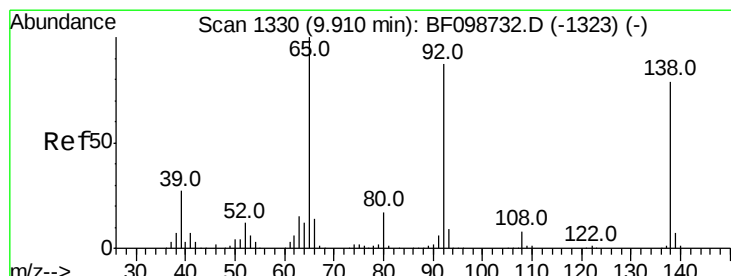
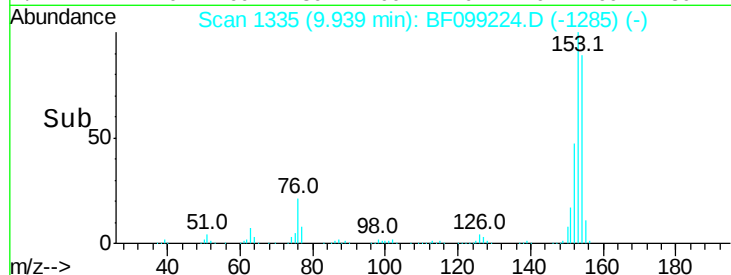
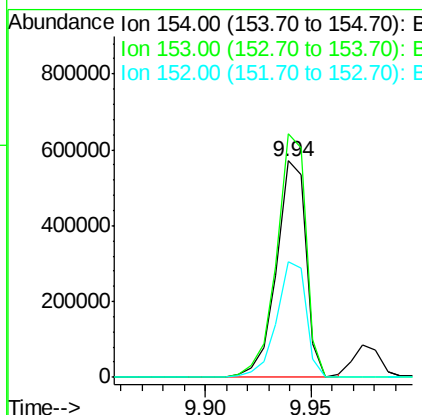
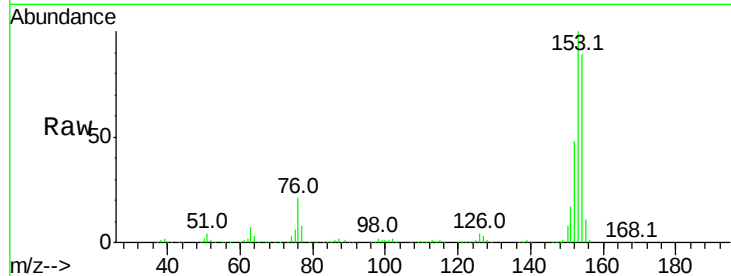
ClientSampleId :

PB103045BS

Tot Ion:	154	Resp:	558218
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	53.5	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 32.064 ng

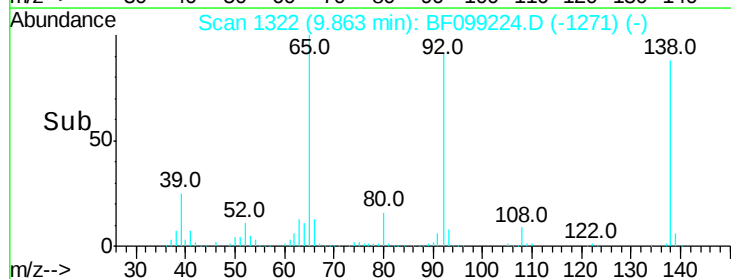
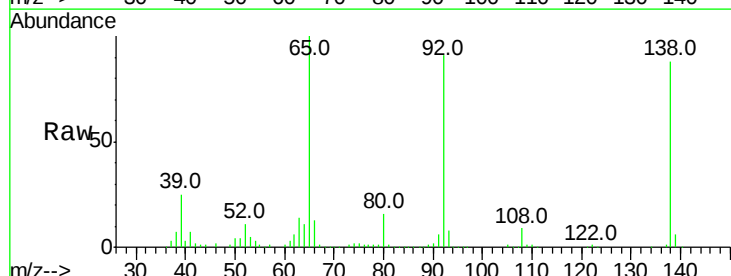
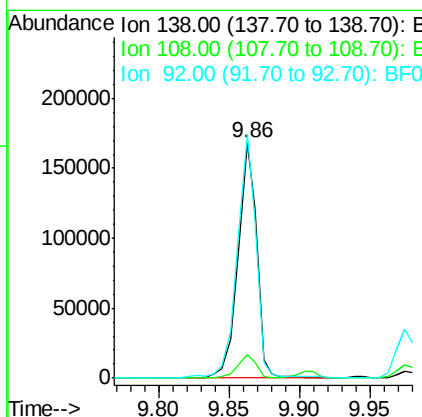
RT: 9.86 min Scan# 1322

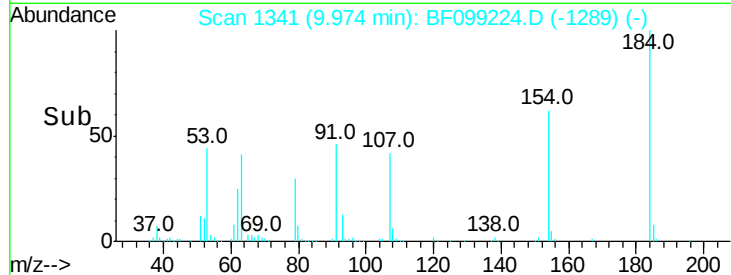
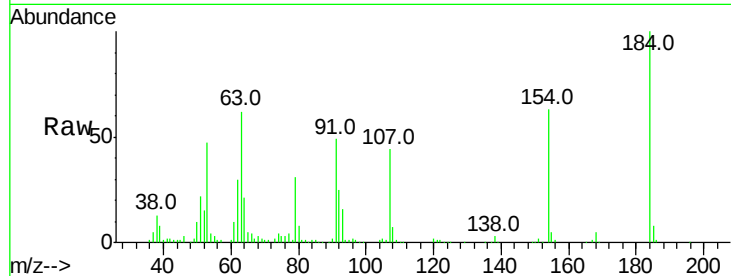
Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	138	Resp:	155197
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	103.5	89.4	134.2





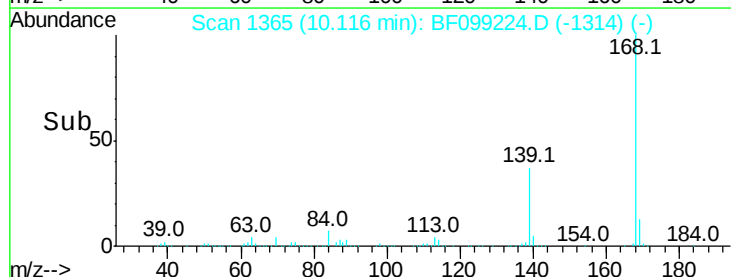
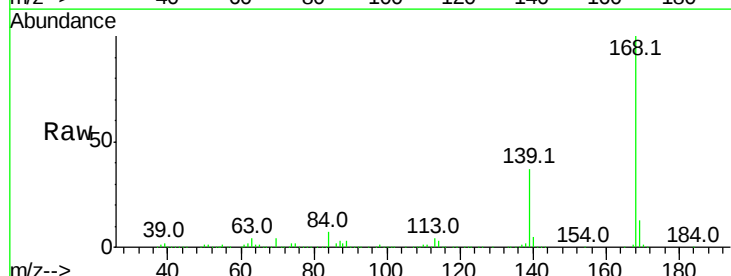
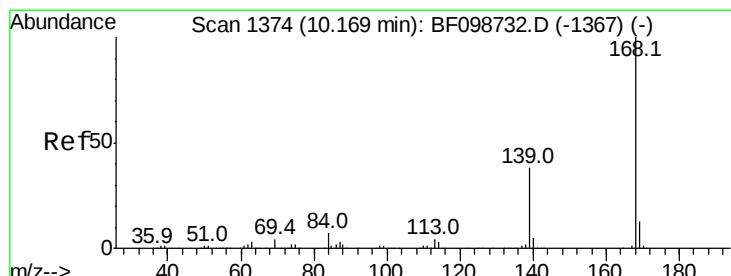
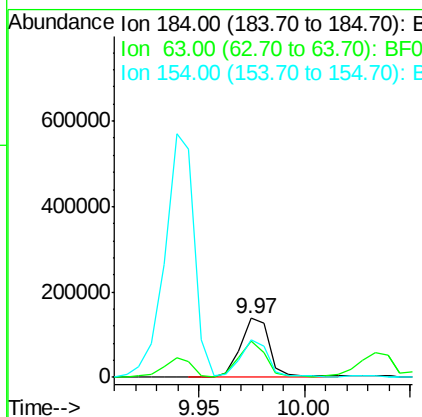
#53
2,4-Dinitrophenol
Concen: 64.016 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tot Ion	Ratio	Resp	Lower	Upper
184	100	135639		
63	61.9	54.2	81.2	
154	62.7	53.5	80.3	

Instrument :
BNA_F
ClientSampleId :
PB103045BS

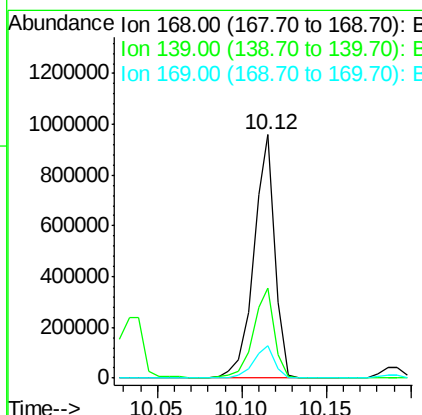
Manual Integrations
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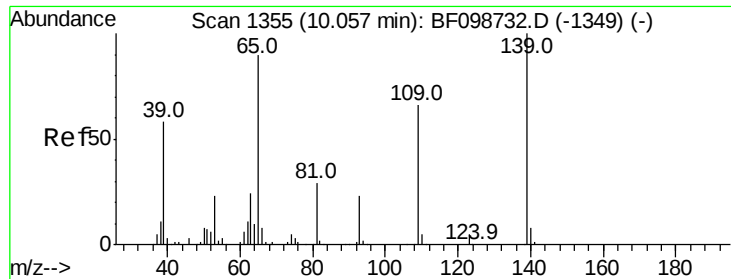
Sohil
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#54
Dibenzofuran
Concen: 39.563 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	832729		
139	36.8	30.1	45.1	
169	13.2	10.9	16.3	





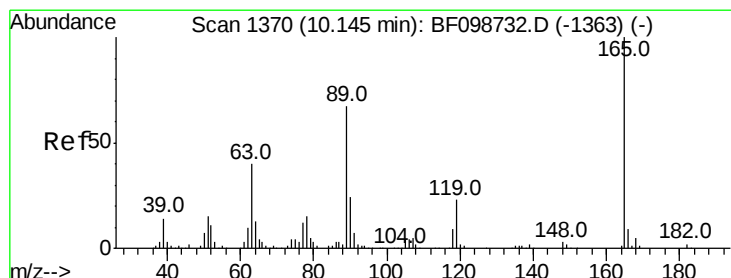
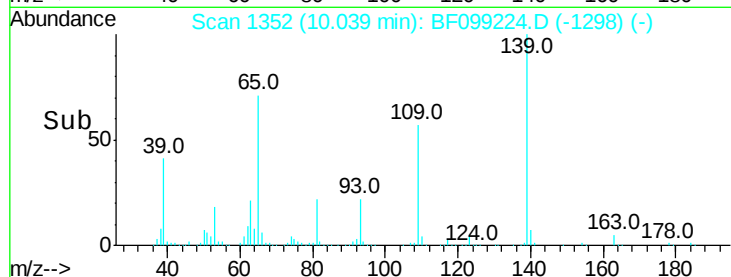
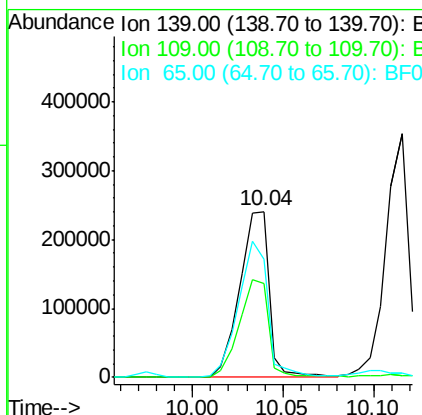
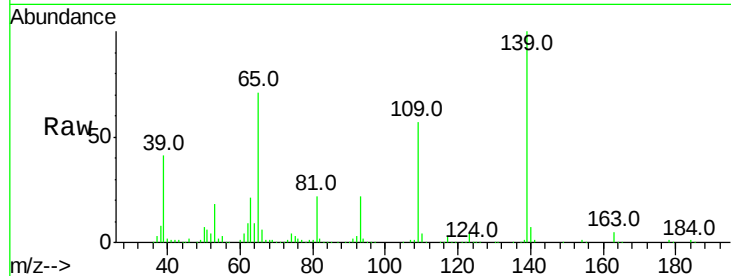
#55
4-Nitrophenol
Concen: 66.677 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	272895		
109	56.8	48.4	88.4	
65	71.1	72.6	112.6	

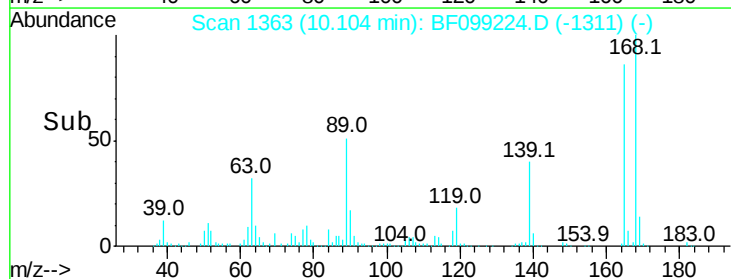
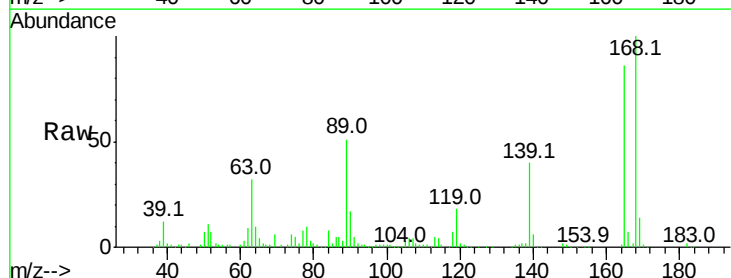
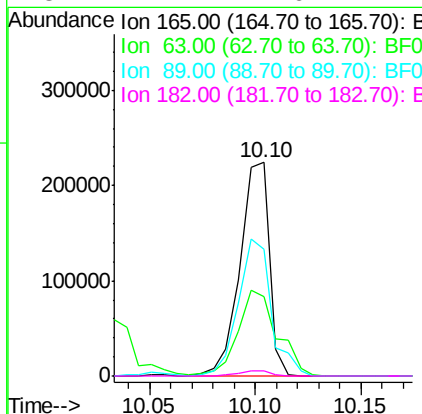
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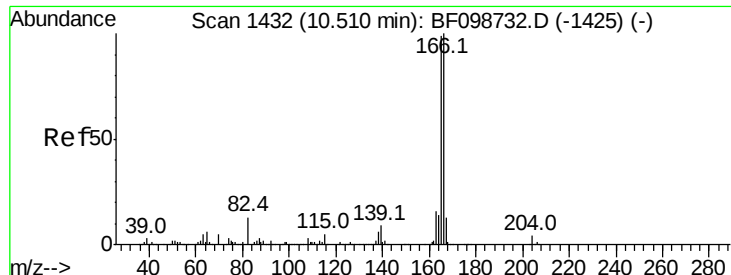
Sohil
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#56
2,4-Dinitrotoluene
Concen: 40.184 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216492		
63	37.2	36.4	54.6	
89	59.3	57.8	86.6	
182	2.4	1.6	2.4	





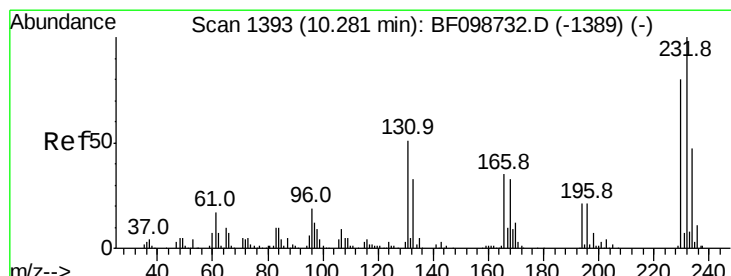
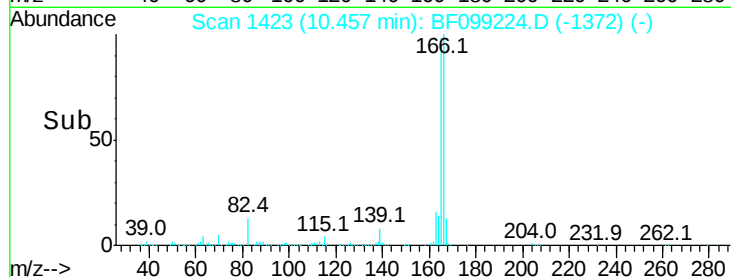
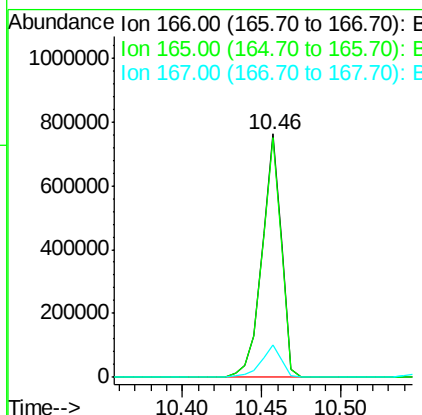
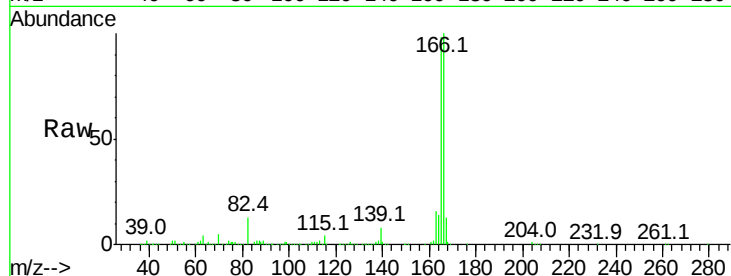
#57
 Fluorene
 Concen: 38.378 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.5	10.6	16.0

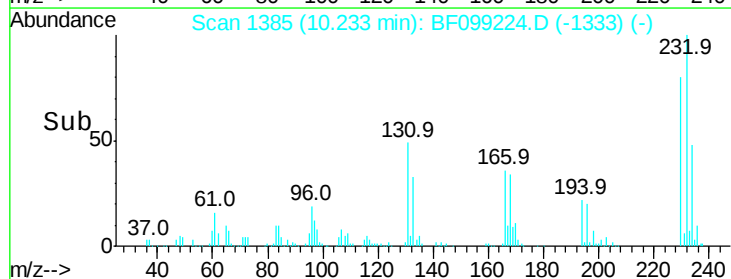
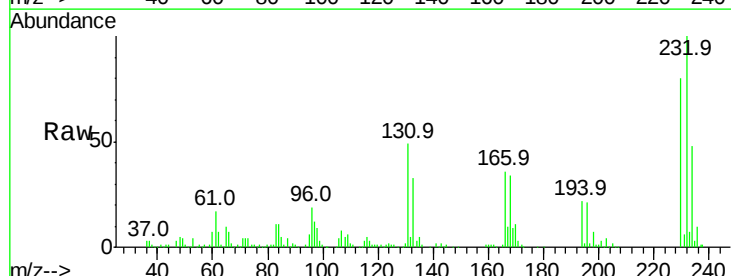
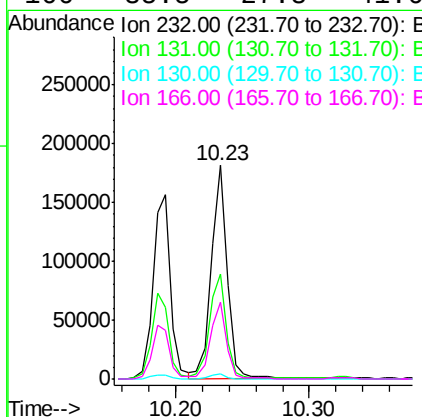
Manual Integrations
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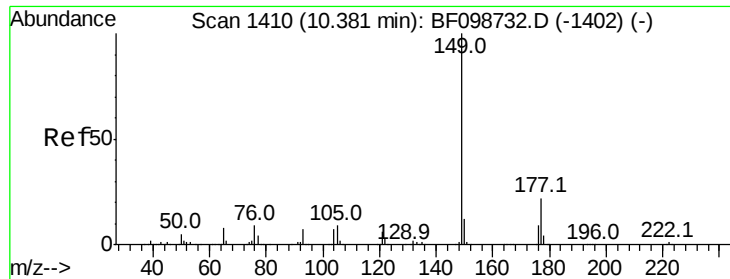
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.642 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.9	43.8	65.8
130	2.3	2.1	3.1
166	35.5	27.8	41.6





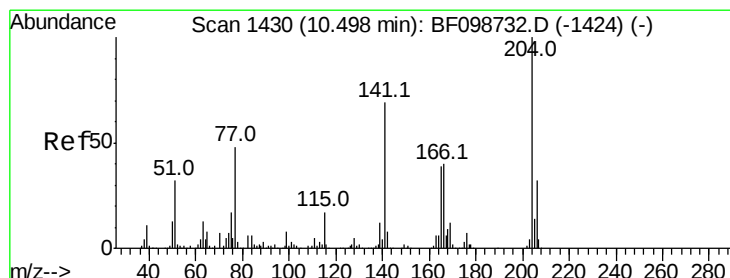
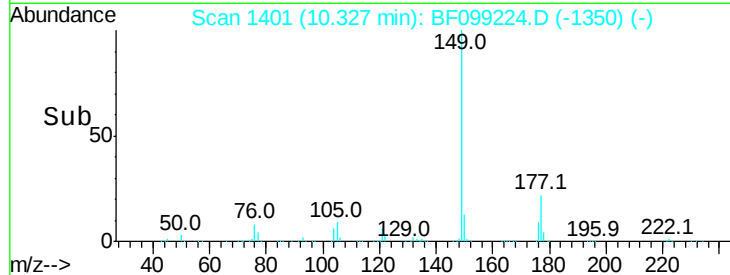
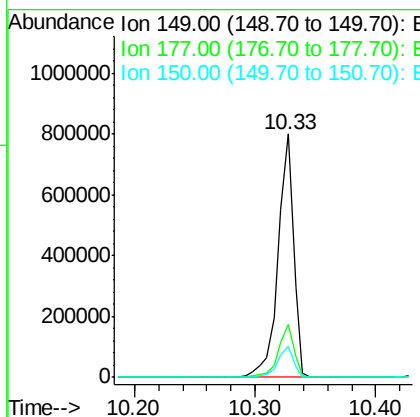
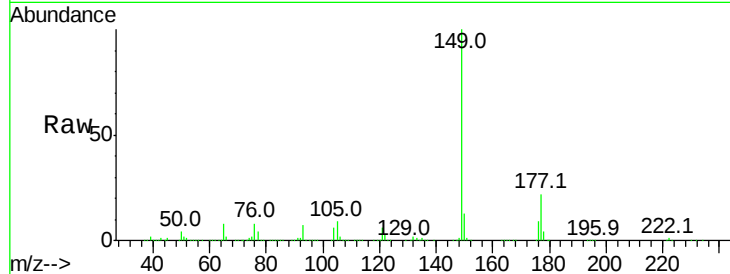
#59
Diethylphthalate
Concen: 37.712 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampled :
PB103045BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.6	10.1	15.1

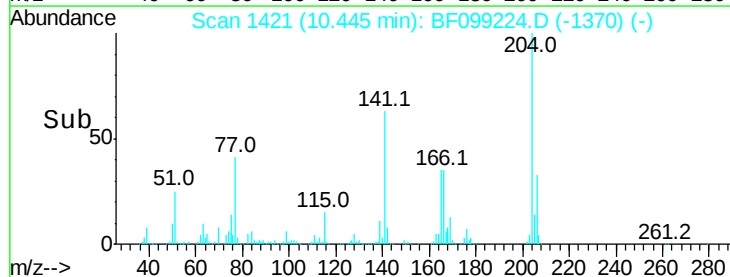
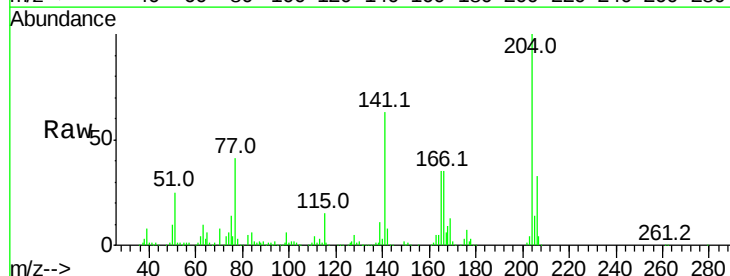
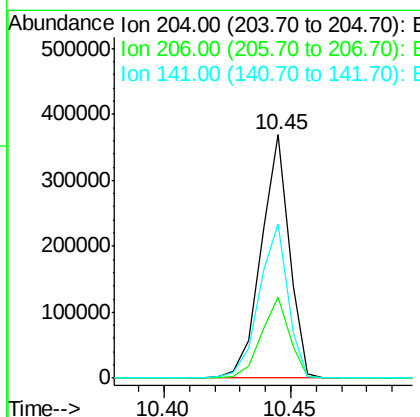
Manual Integrations
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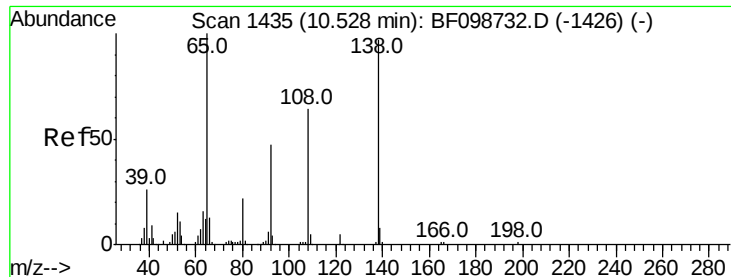
Sohil
10/9/2017 6:35:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.859 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	63.1	54.6	81.8





#61

4-Nitroaniline

Concen: 42.051 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

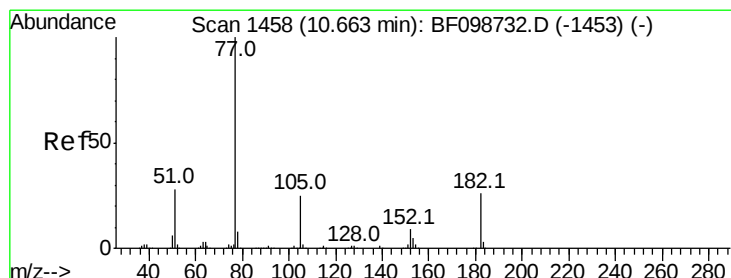
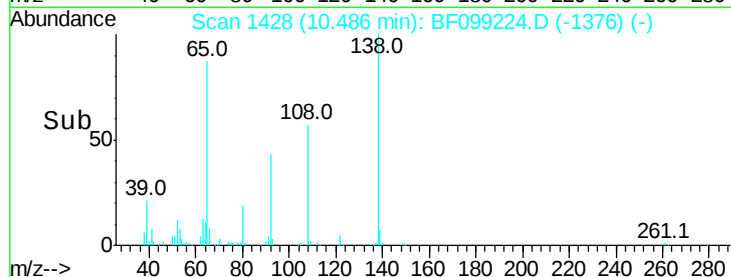
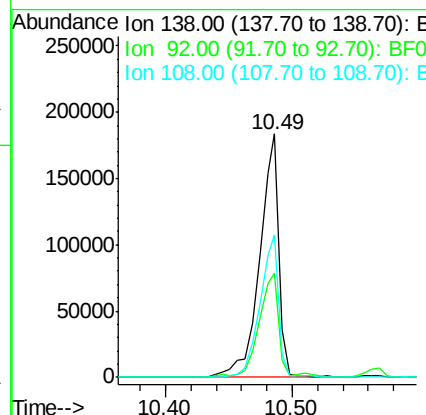
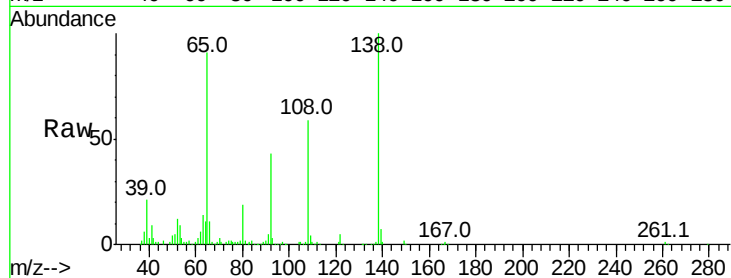
ClientSampled :

PB103045BS

Tot Ion:	138	Resp:	196366
Ion Ratio	Lower	Upper	
138	100		
92	42.9	30.2	70.2
108	58.6	52.5	92.5

Manual Integrations
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#62

Azobenzene

Concen: 37.164 ng

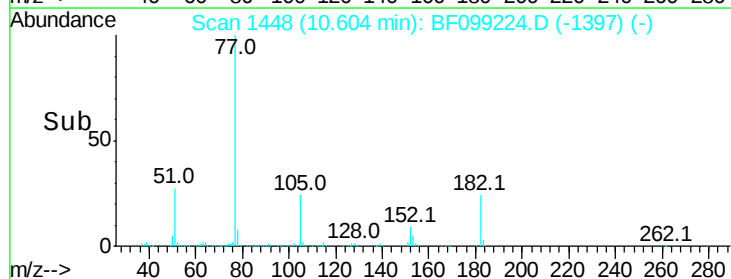
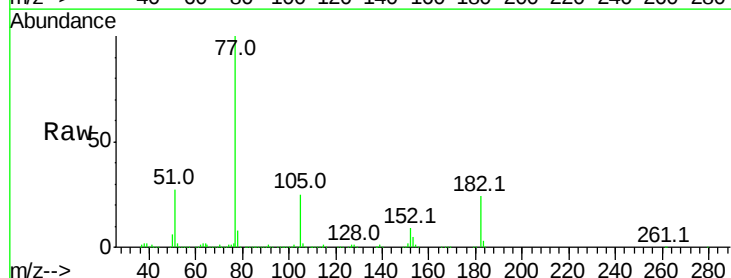
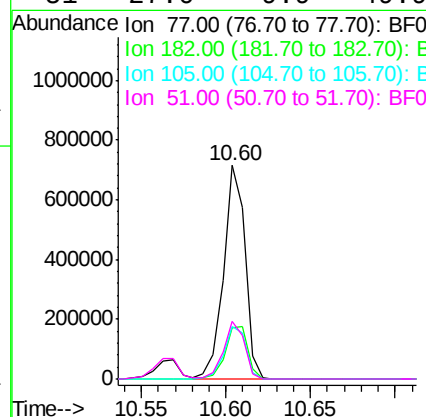
RT: 10.60 min Scan# 1448

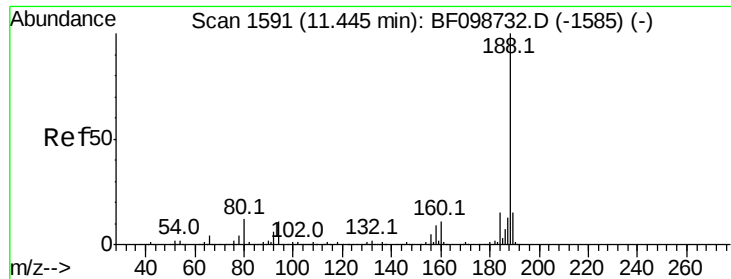
Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	77	Resp:	636668
Ion Ratio	Lower	Upper	
77	100		
182	24.2	1.7	41.7
105	24.6	3.0	43.0
51	27.0	9.9	49.9





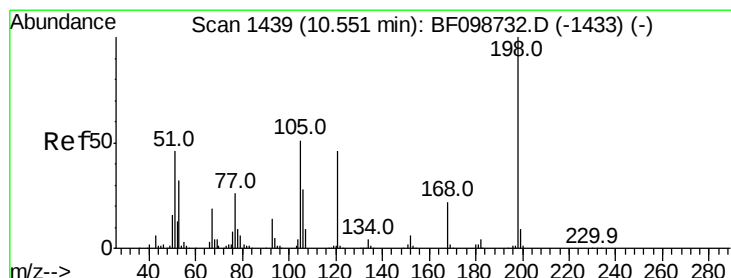
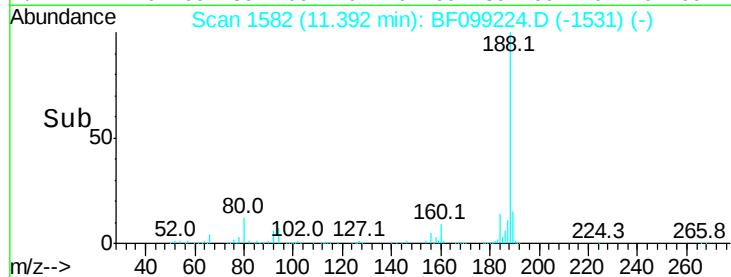
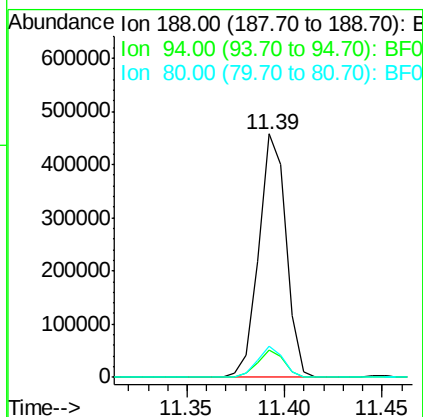
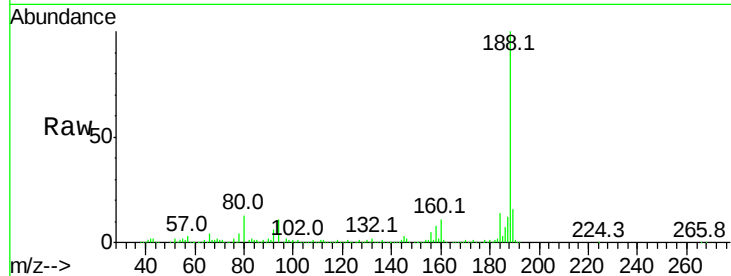
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.4	8.5	12.7	
80	12.5	9.2	13.8	

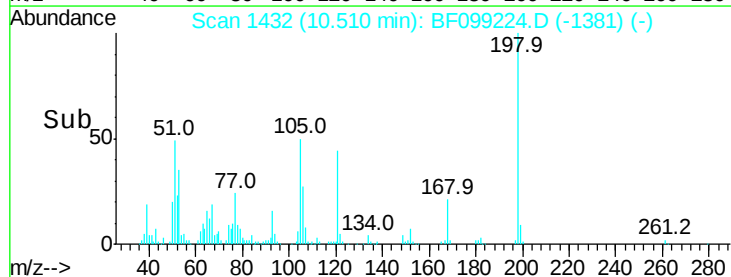
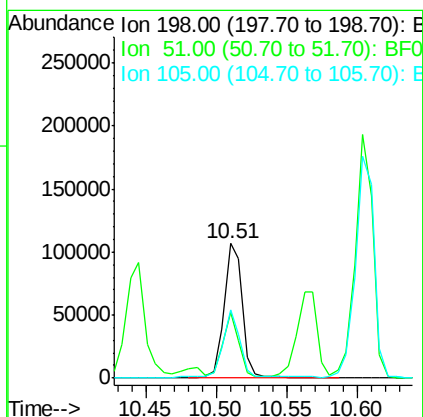
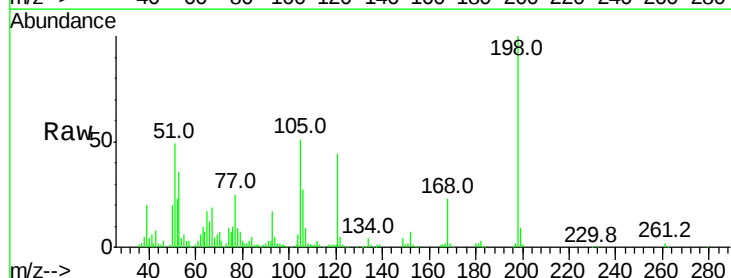
Manual Integrations
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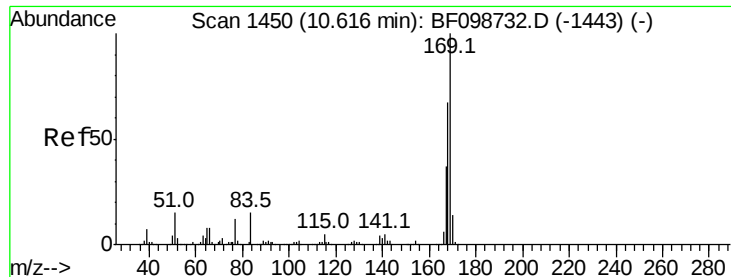
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.654 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	48.6	37.7	77.7	
105	50.6	36.3	76.3	





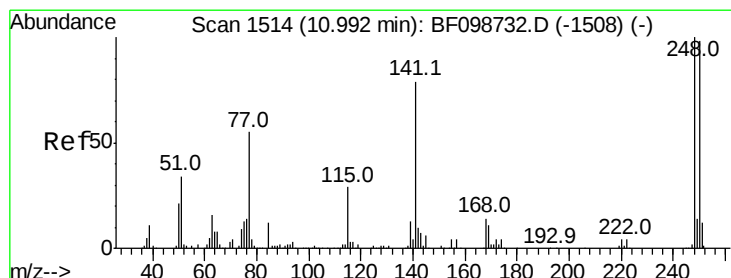
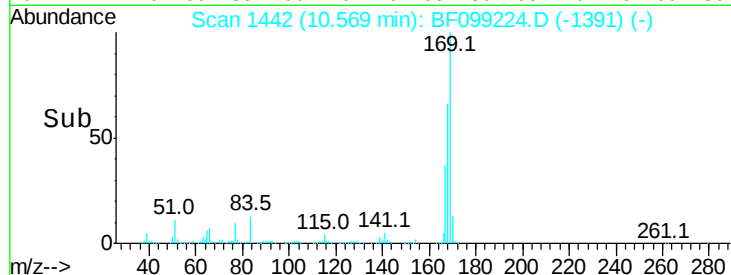
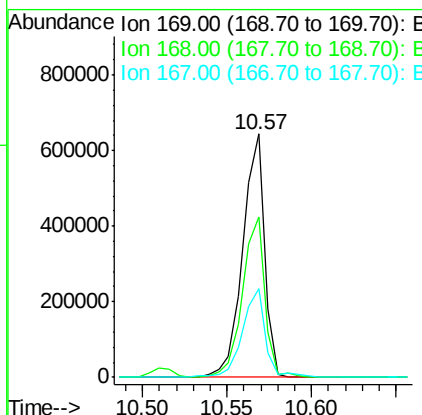
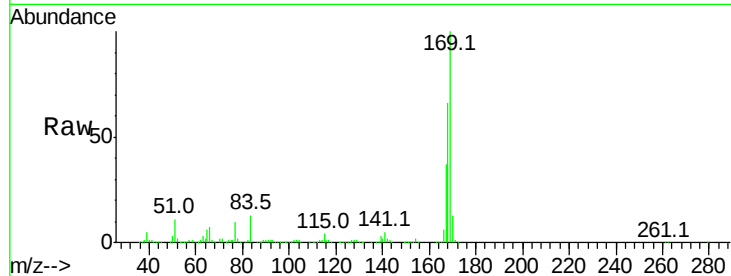
#65
n-Nitrosodiphenylamine
Concen: 37.989 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	581799		
168	66.1		54.4	81.6
167	36.7		29.8	44.6

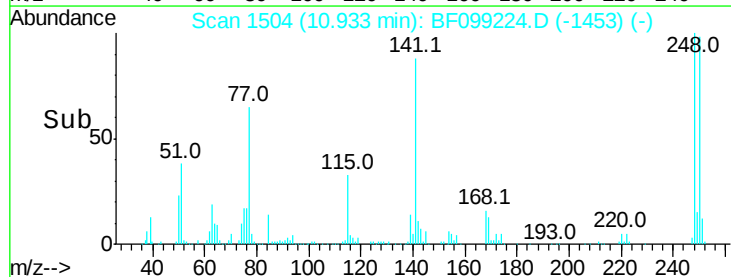
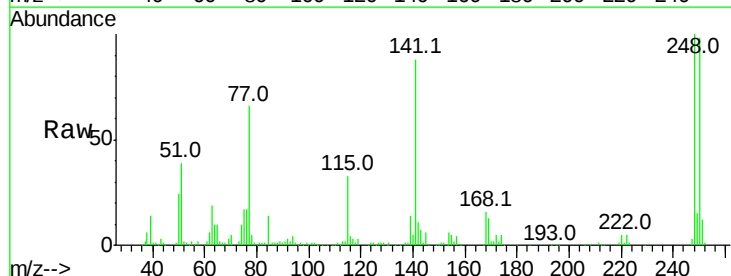
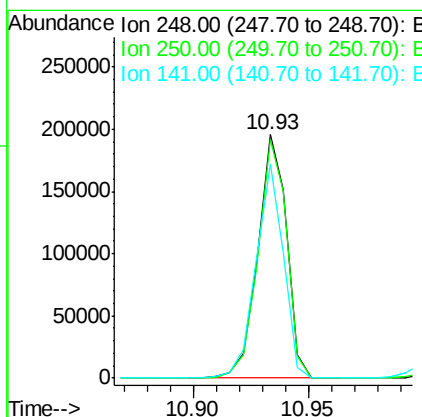
Manual Integrations
APPROVED

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#66
4-Bromophenyl-phenylether
Concen: 39.339 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	170232		
250	97.8		76.9	115.3
141	87.8		74.4	111.6





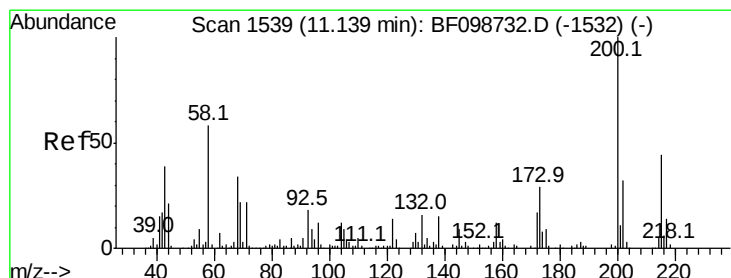
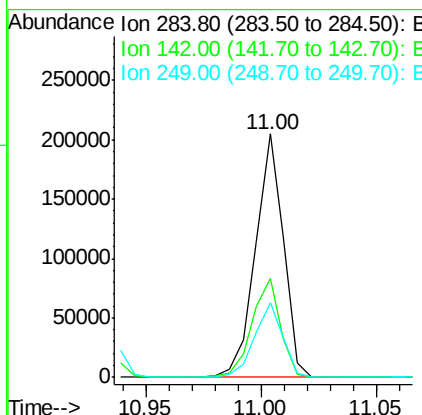
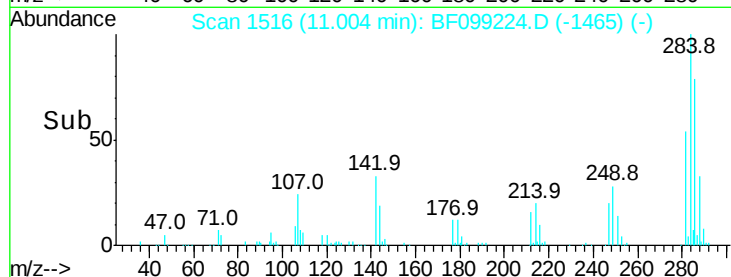
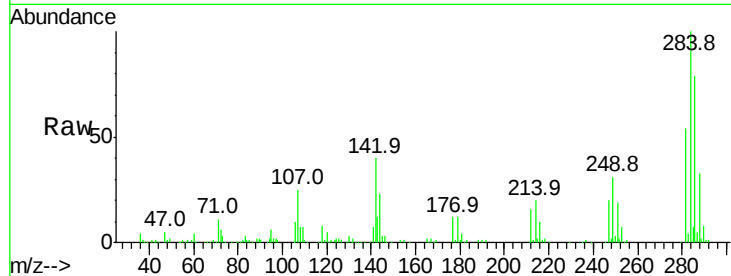
#67
Hexachlorobenzene
Concen: 37.536 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampled :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.4	34.6	52.0	
249	30.8	24.8	37.2	

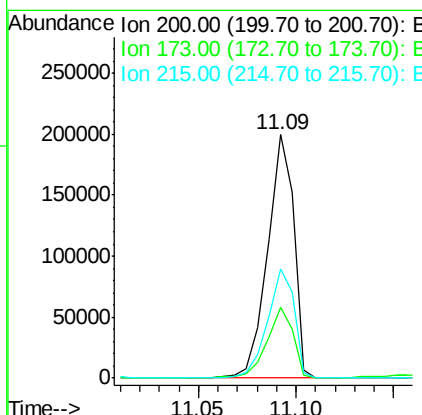
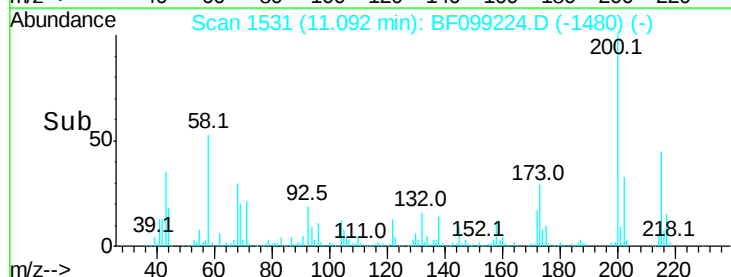
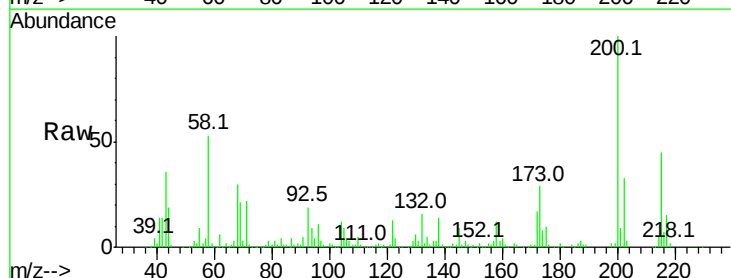
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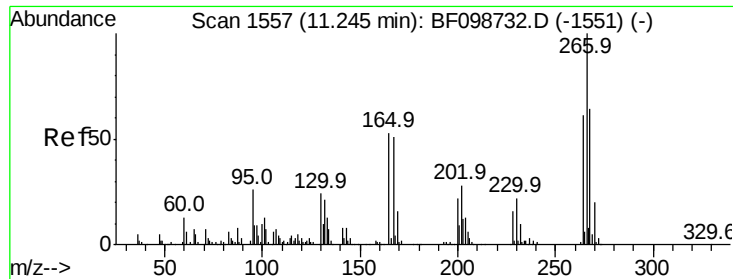
Sohil
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#68
Atrazine
Concen: 40.351 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.1	8.6	48.6	
215	44.6	25.1	65.1	





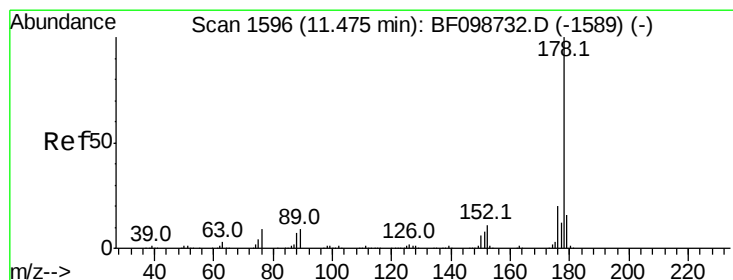
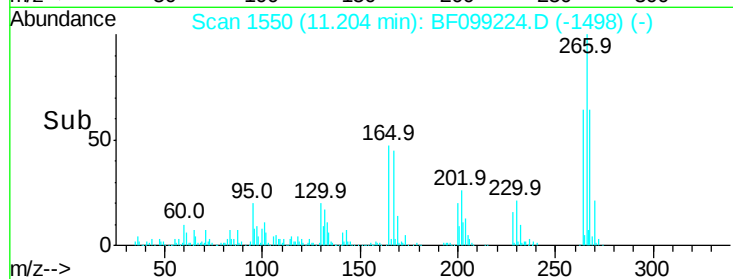
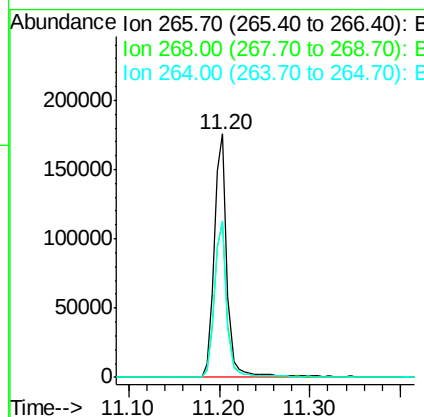
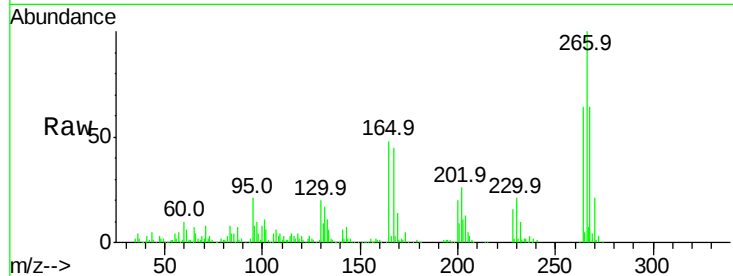
#69
 Pentachlorophenol
 Concen: 61.426 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	176684		
268	63.7	51.1	76.7	
264	64.1	49.5	74.3	

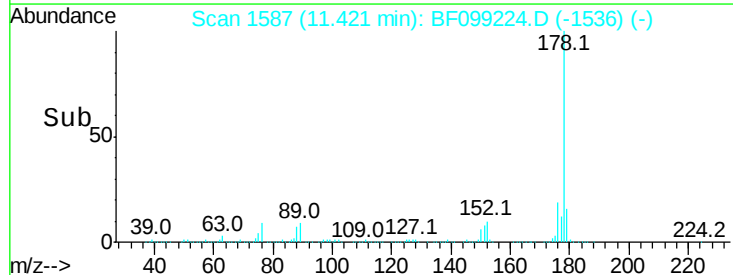
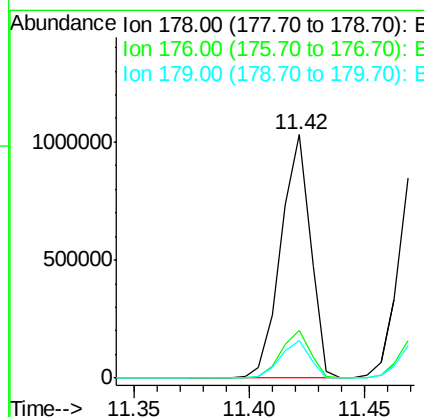
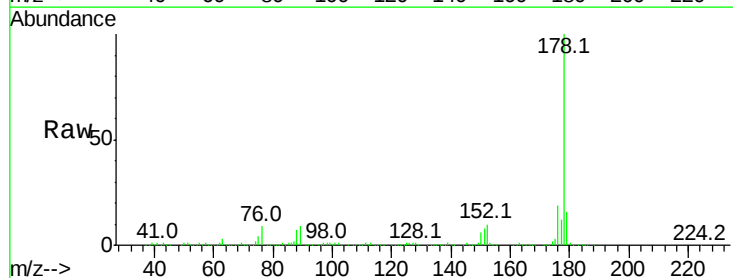
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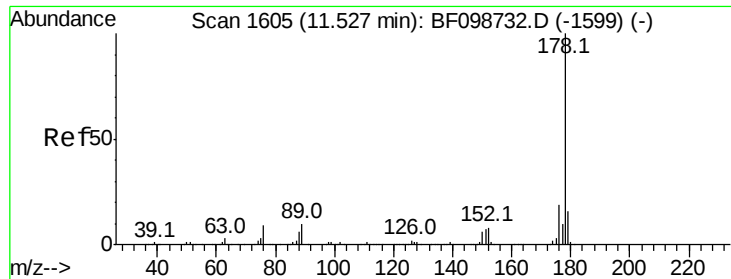
Sohil
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#70
 Phenanthrene
 Concen: 38.648 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	914548		
176	19.5	15.8	23.8	
179	15.6	13.0	19.6	





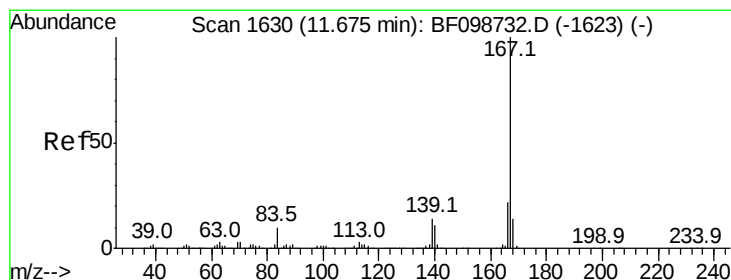
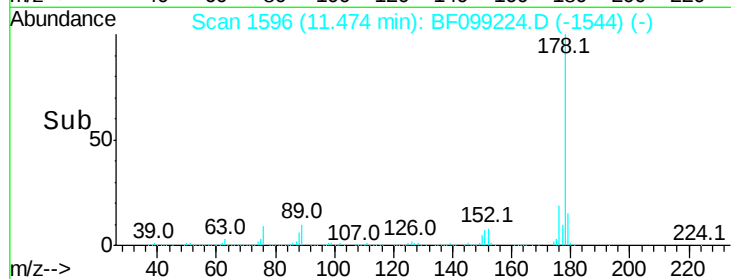
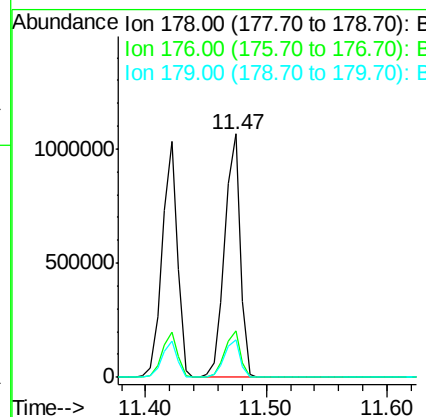
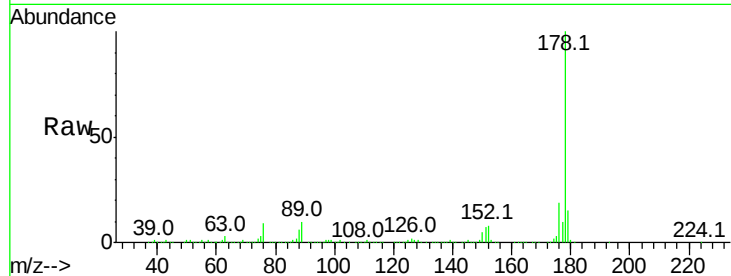
#71
 Anthracene
 Concen: 39.138 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.6	19.0

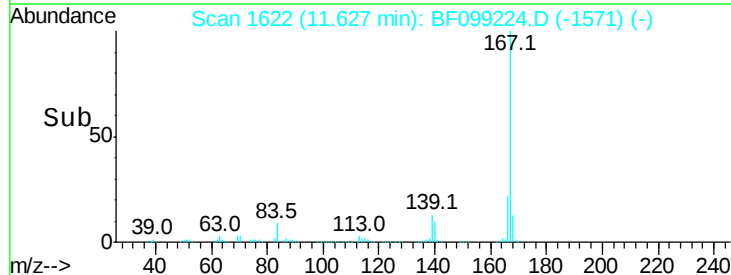
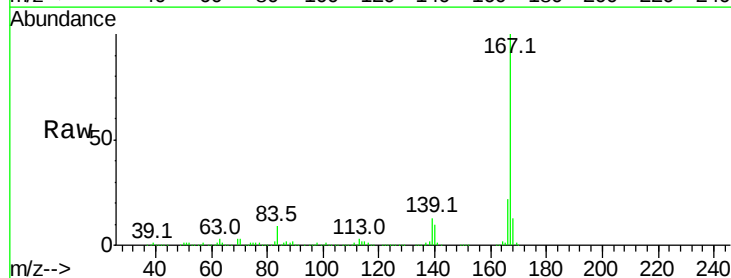
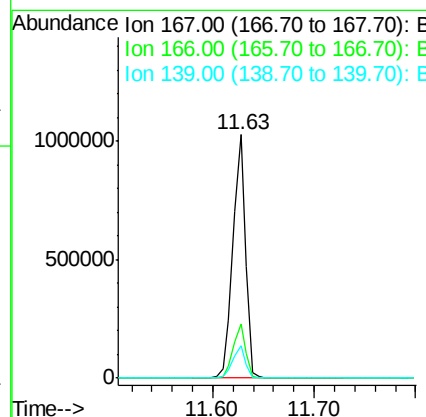
Manual Integrations
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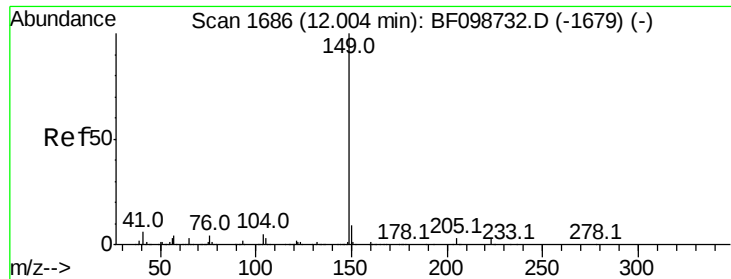
Sohil
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#72
 Carbazole
 Concen: 37.765 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.2	10.9	16.3





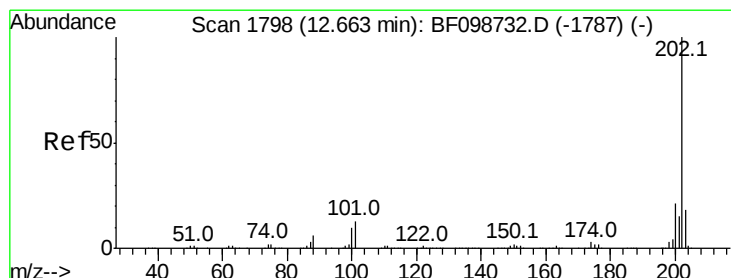
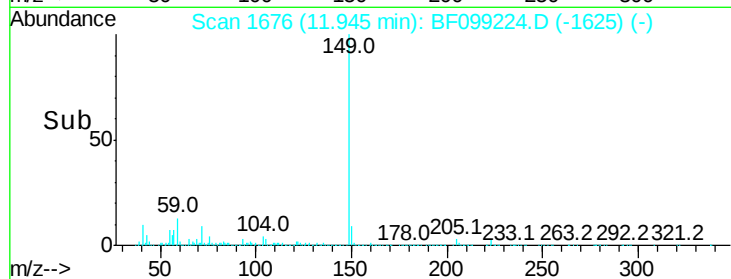
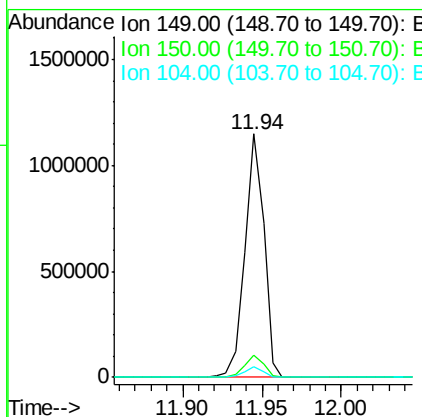
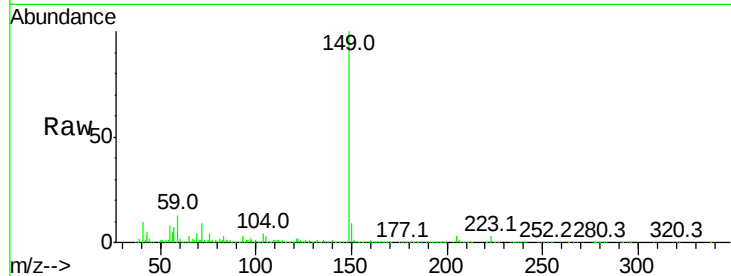
#73
Di-n-butylphthalate
Concen: 33.079 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	4.2	3.8	5.8	

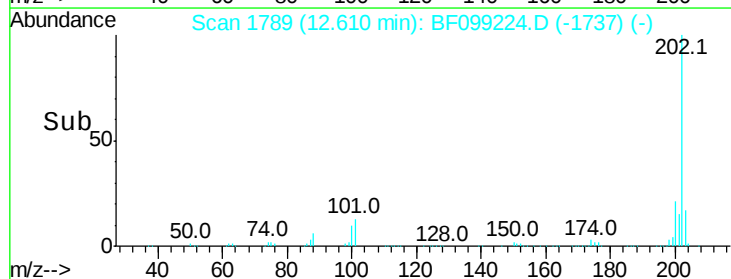
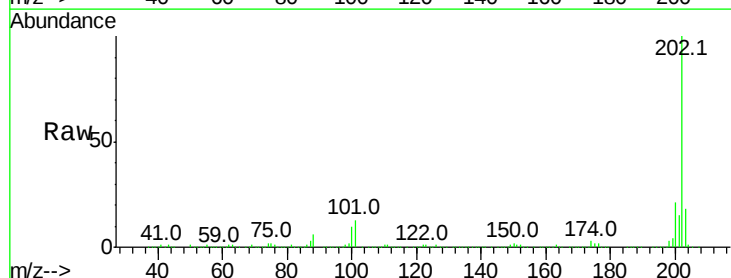
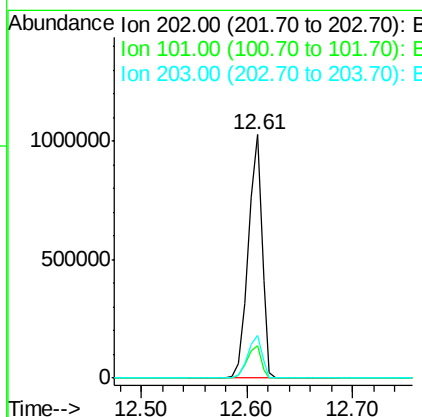
Manual Integrations
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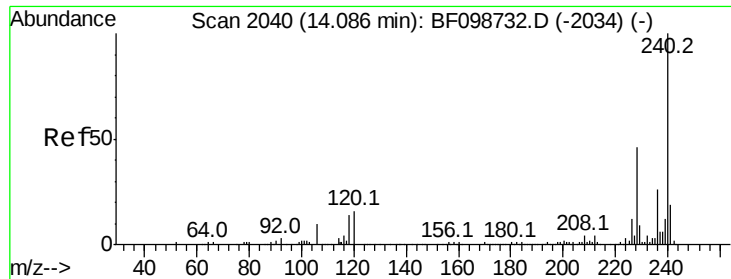
Sohil
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#74
Fluoranthene
Concen: 38.782 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.2	0.0	34.1	
203	17.7	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

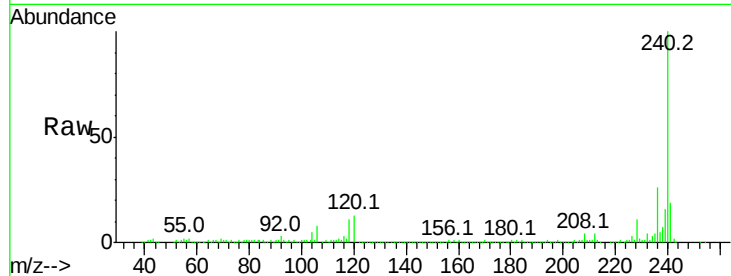
ClientSampleId :

PB103045BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
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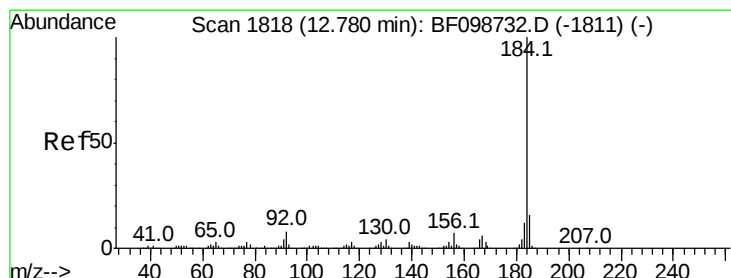
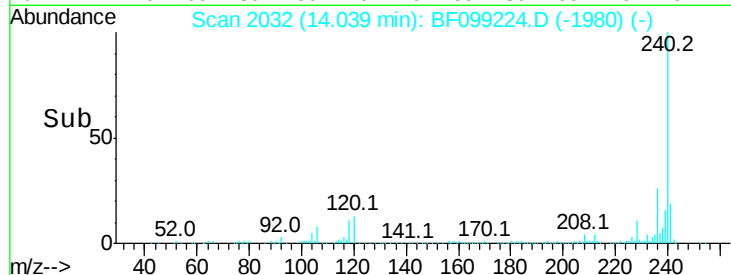
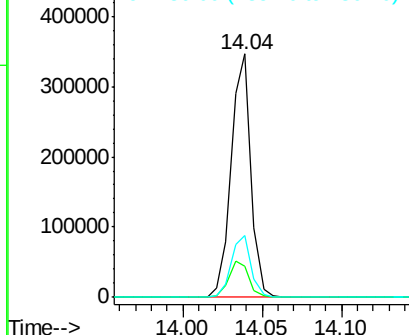
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.501 ng

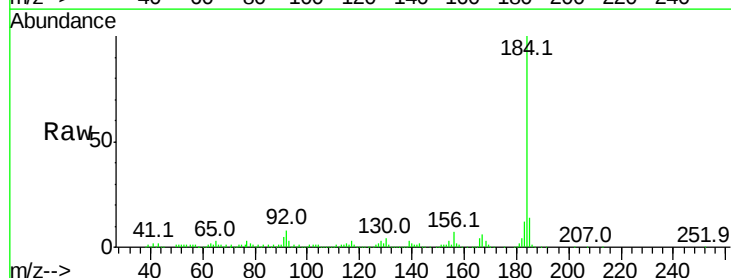
RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

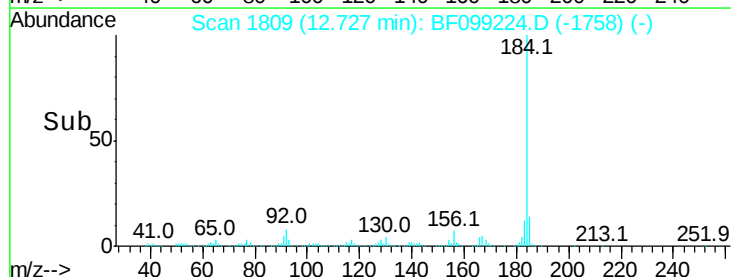
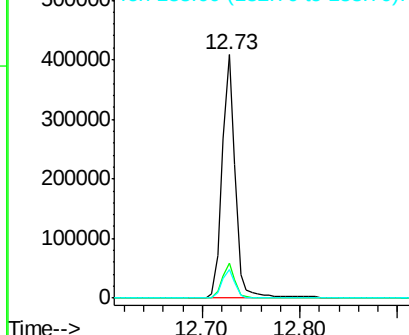
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.6	9.3	13.9

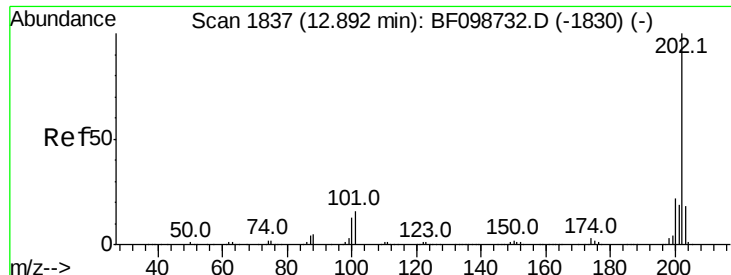


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





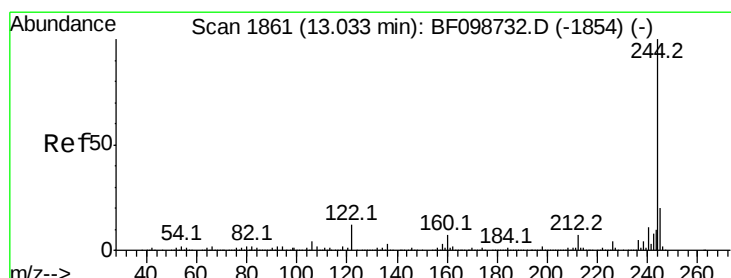
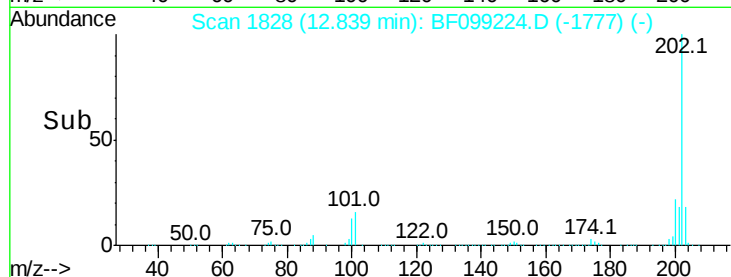
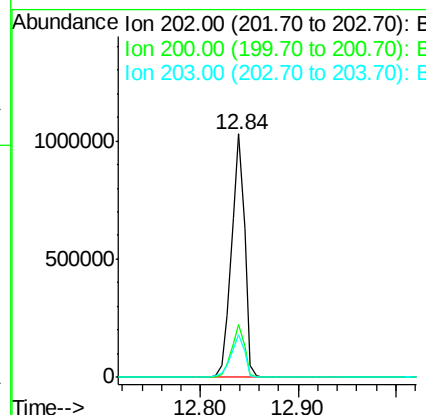
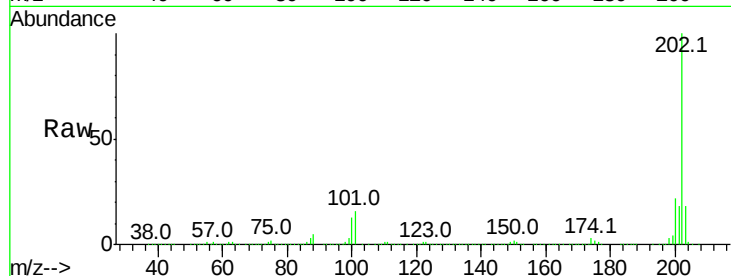
#77
Pvrene
Concen: 42.177 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

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

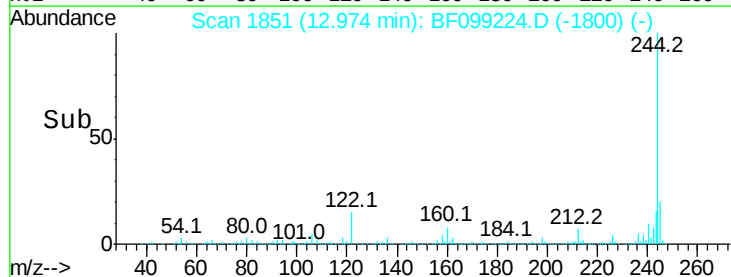
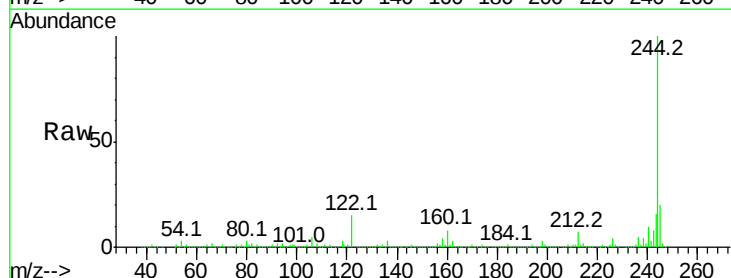
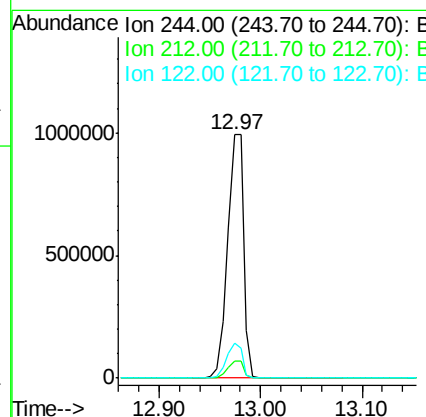
Manual Integrations
APPROVED

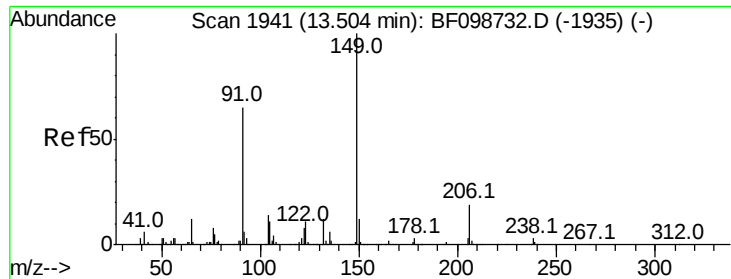
Sohil
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#78
Terphenyl-d14
Concen: 83.038 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.6	11.0	16.4





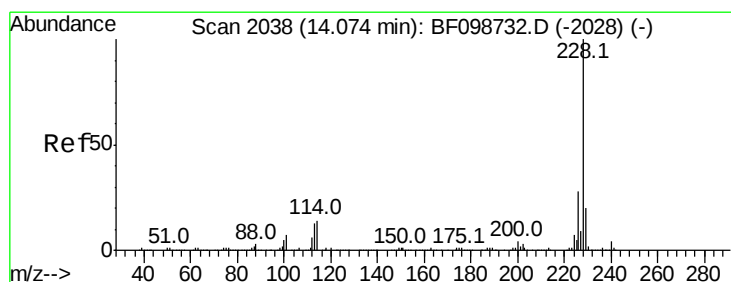
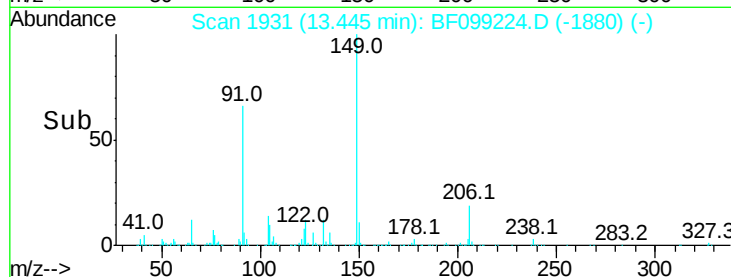
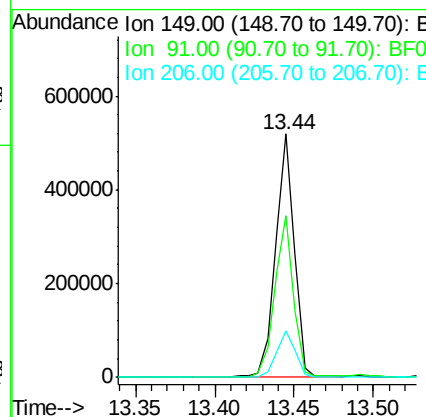
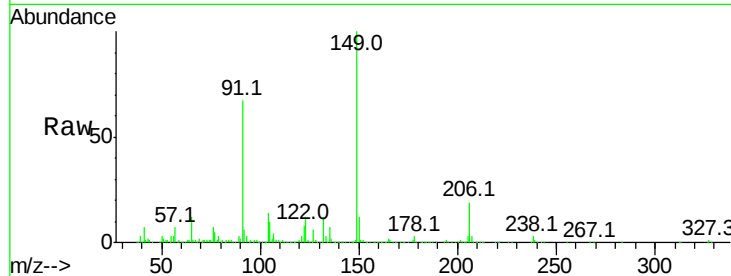
#79
Butylbenzylphthalate
Concen: 39.848 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.6	56.8	85.2
206	19.1	14.1	21.1

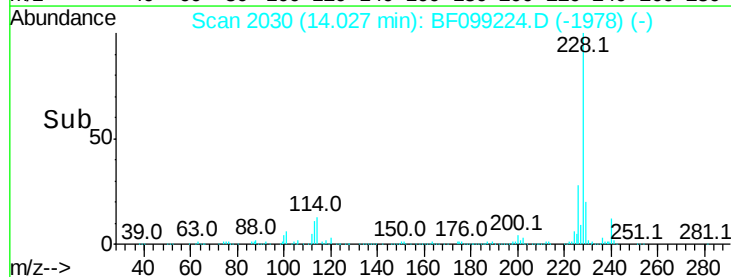
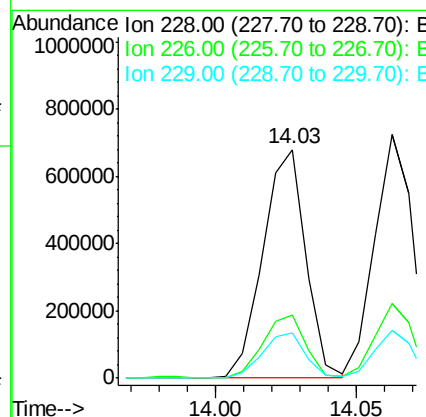
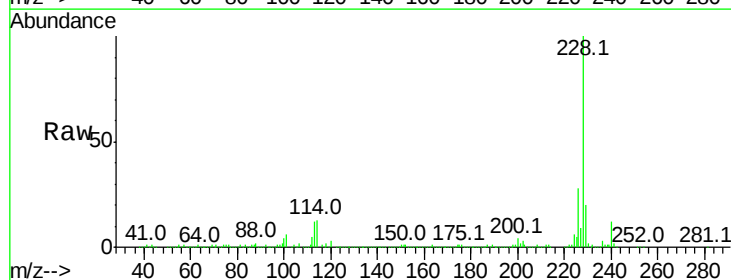
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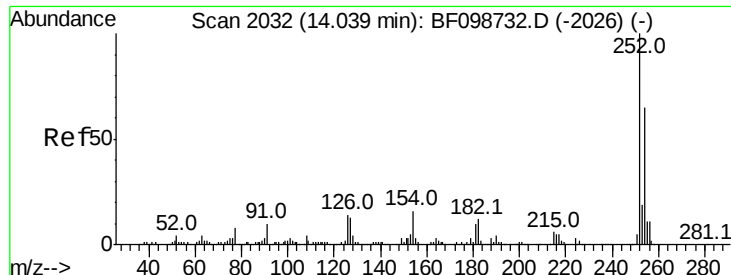
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#80
Benzo(a)anthracene
Concen: 39.464 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.6	15.8	23.6





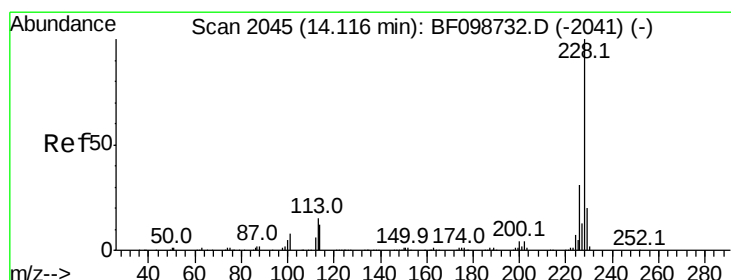
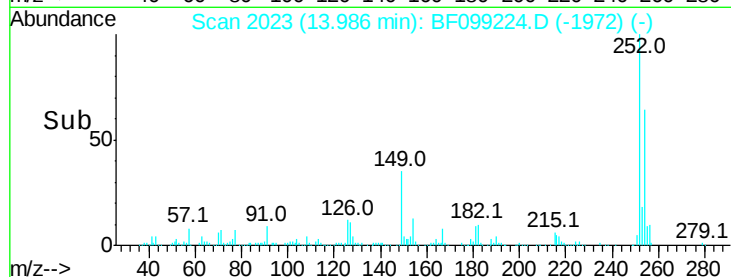
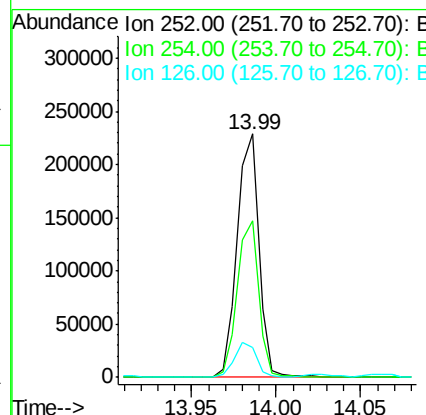
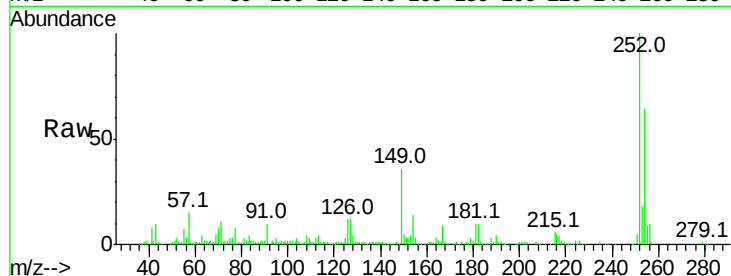
#81
3,3'-Dichlorobenzidine
Concen: 30.954 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.2	11.3	16.9

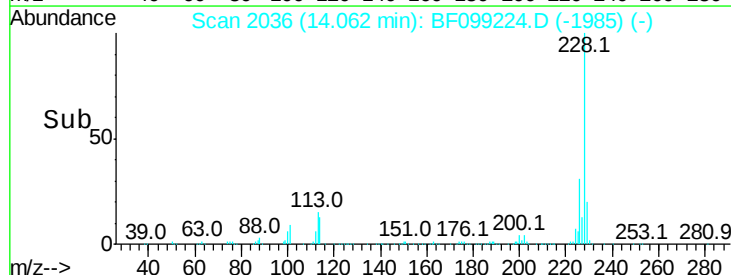
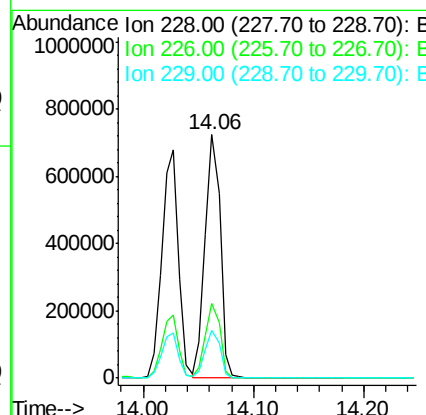
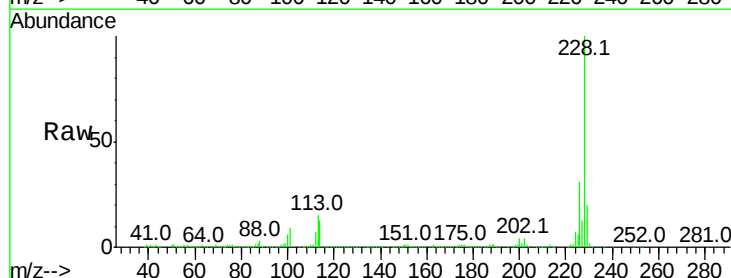
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#82
Chrysene
Concen: 39.052 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.7	16.2	24.4





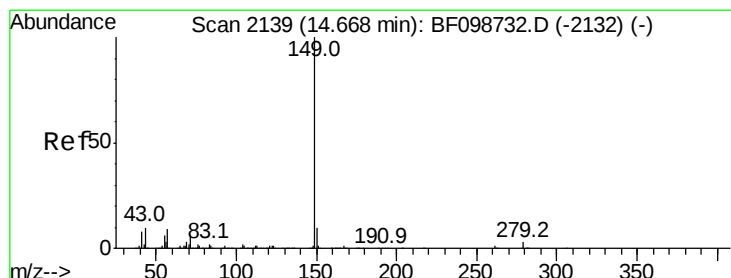
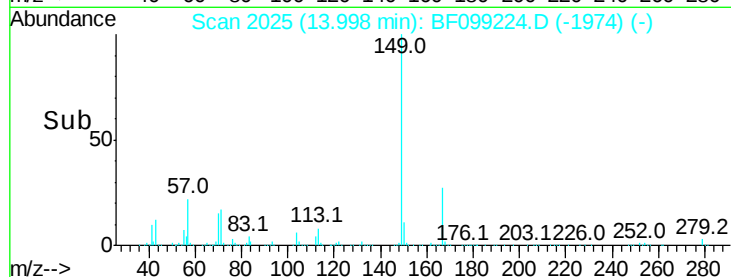
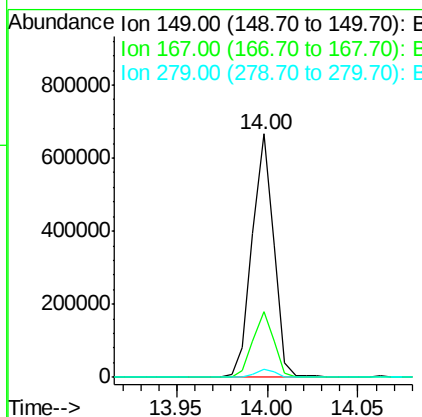
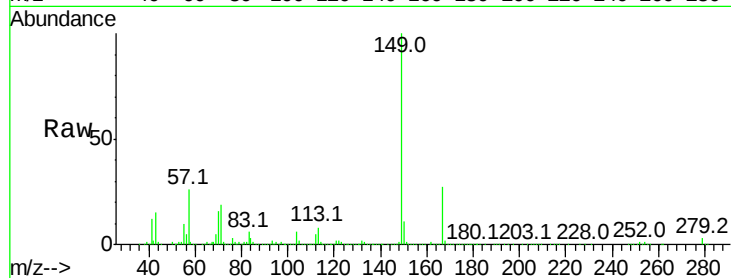
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.209 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB103045BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.1	3.0	4.4

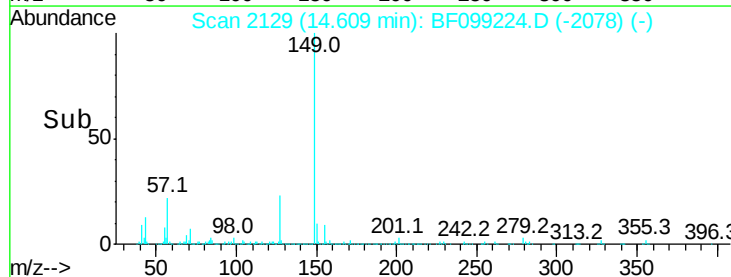
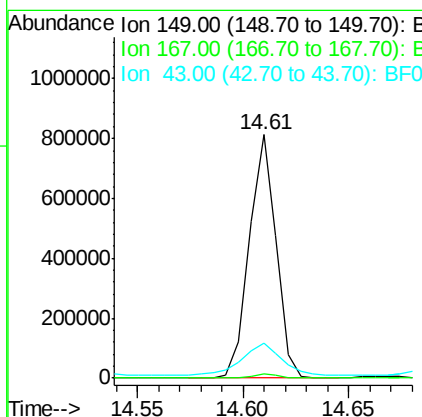
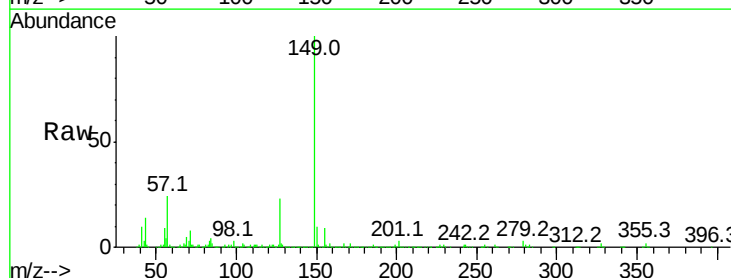
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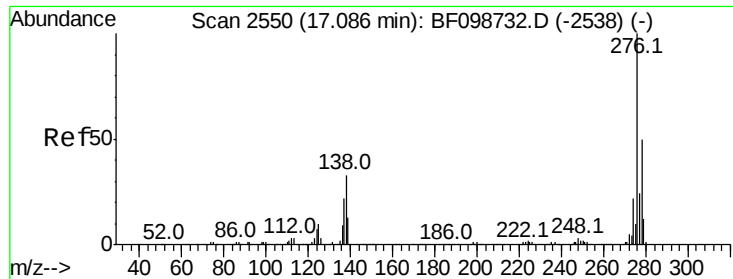
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#84
 Di-n-octyl phthalate
 Concen: 30.075 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF099224.D
 Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	20.5	8.4	12.6





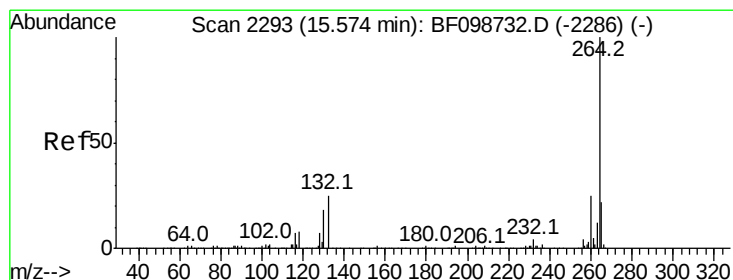
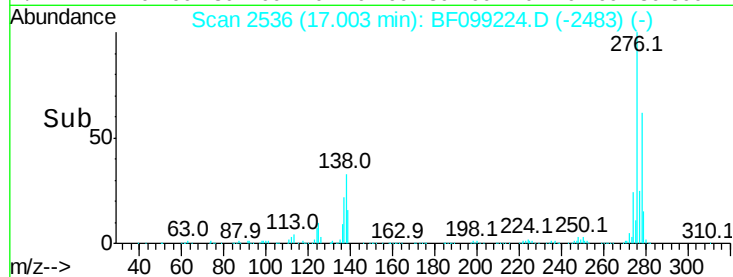
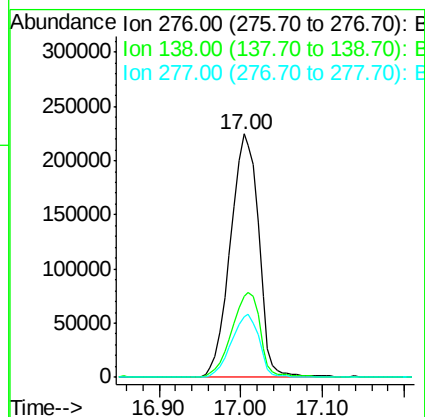
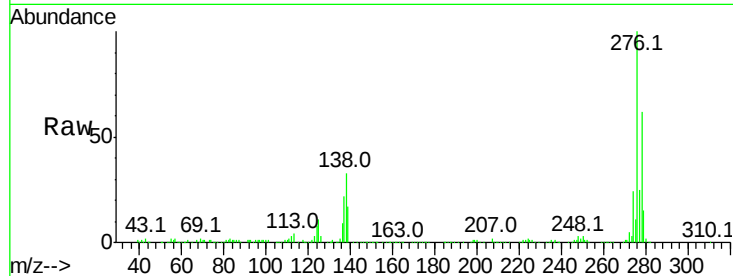
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.511 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.5	20.1	30.1

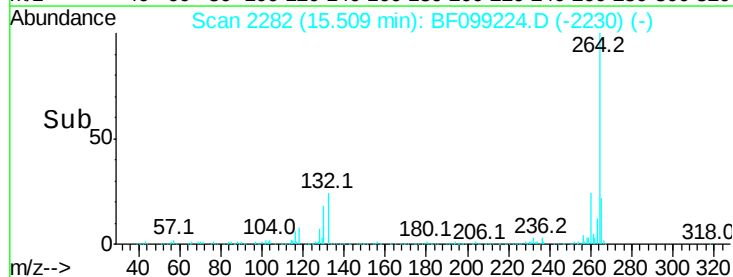
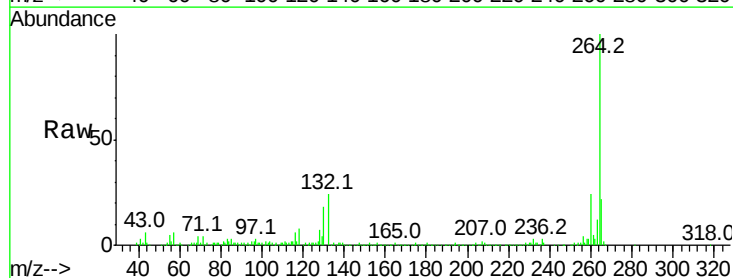
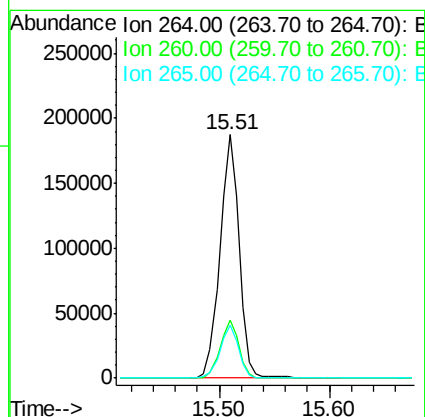
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.932 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Instrument :

BNA_F

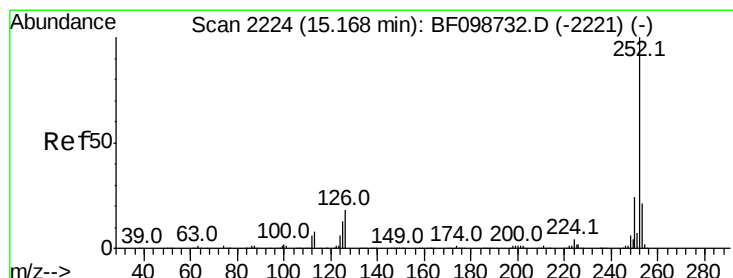
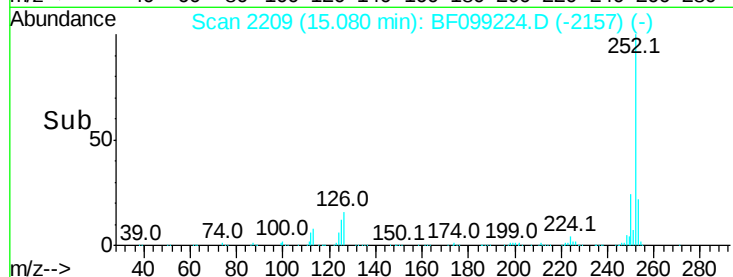
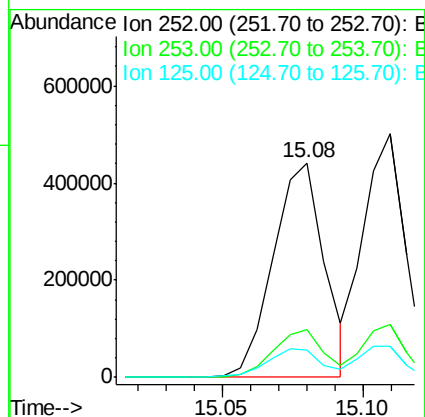
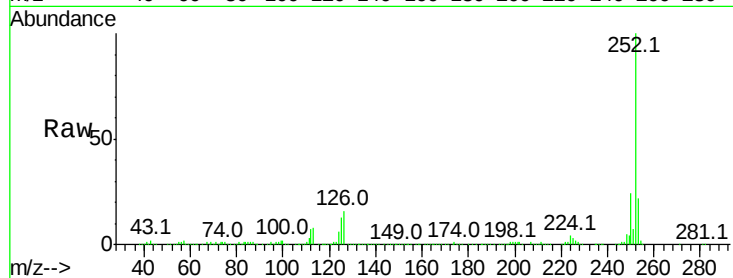
ClientSampleId :

PB103045BS

Tot Ion:	252	Resp:	555143
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	12.7	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 38.238 ng

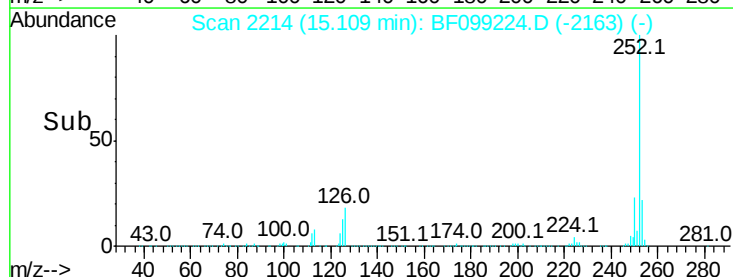
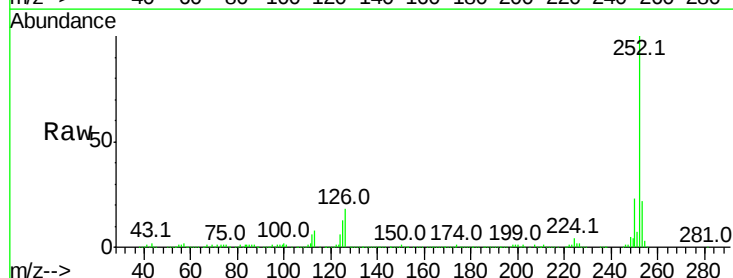
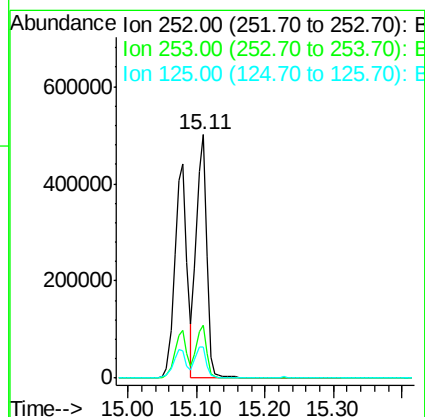
RT: 15.11 min Scan# 2214

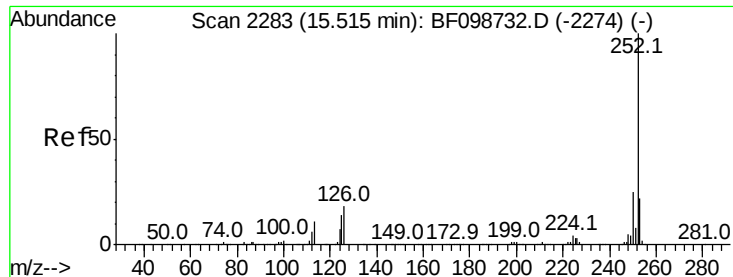
Delta R.T. -0.00 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tgt Ion:	252	Resp:	525056
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.9	26.9
125	13.0	10.2	15.2





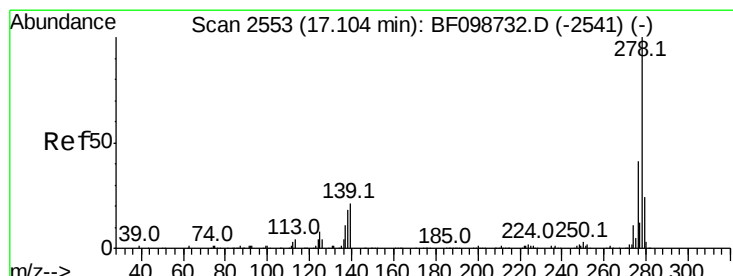
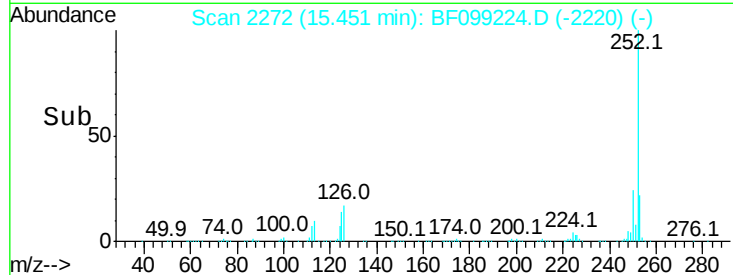
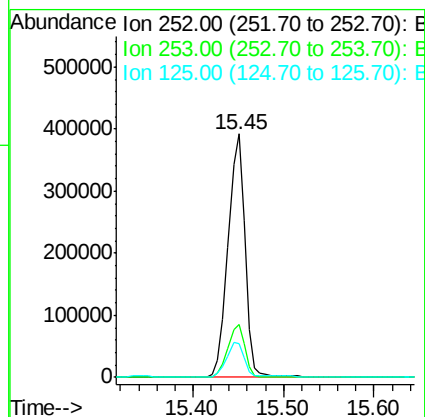
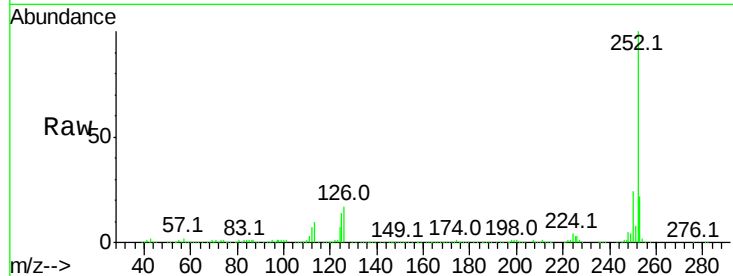
#89
Benzo(a)pyrene
Concen: 40.150 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Instrument :
BNA_F
ClientSampleId :
PB103045BS

Tot Ion:	252	Resp:	512351
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	13.9	9.8	14.6

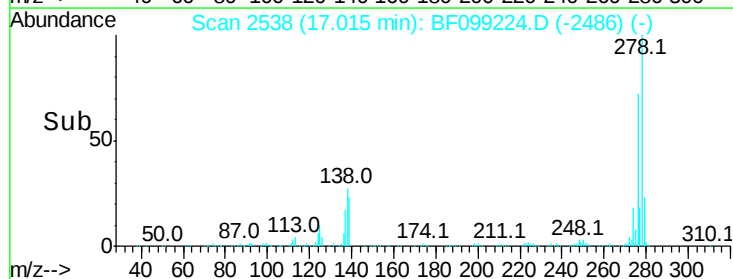
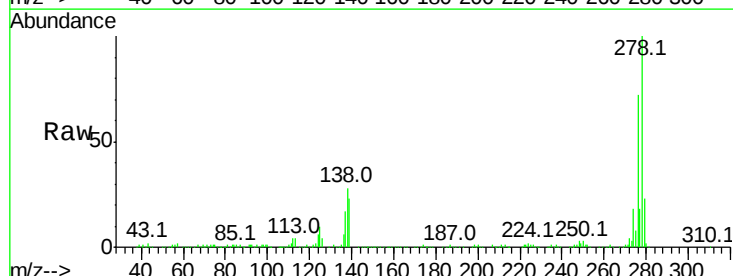
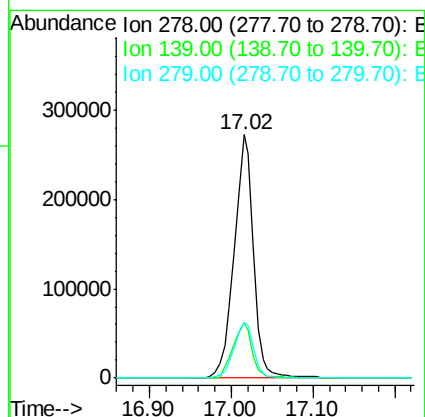
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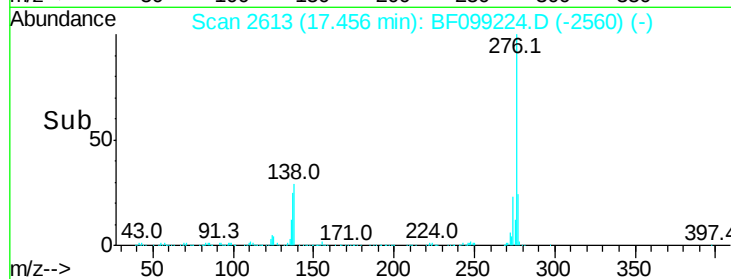
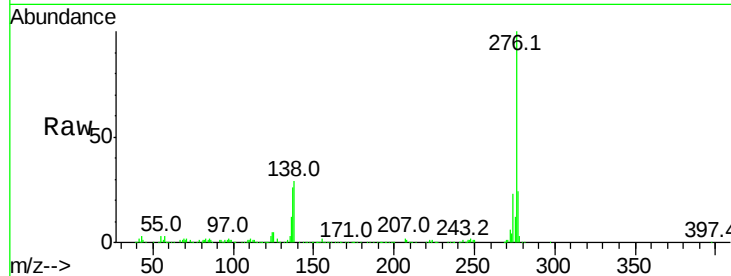
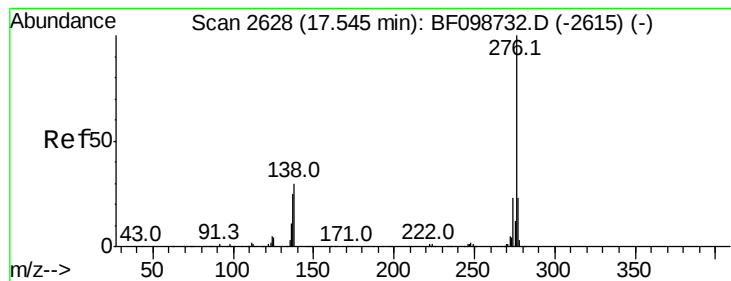
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#90
Dibenzo(a,h)anthracene
Concen: 44.188 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF099224.D
Acq: 8 Oct 2017 11:25

Tgt Ion:	278	Resp:	451275
Ion Ratio	Lower	Upper	
278	100		
139	23.0	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.512 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF099224.D

Acq: 8 Oct 2017 11:25

Tot Ion:	276	Resp:	479628
Ion Ratio		Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.3	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB103045BS

Manual Integrations
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