

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100345.D
 Acq On : 9 Nov 2017 17:26
 Operator : SJ/JU
 Sample : PB103997BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Manual Integrations
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Sohil
 11/10/2017 1:15:04 PM

Quant Time: Nov 10 00:41:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142574	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	576179	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	277537	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	530352	20.00	ng	0.00
75) Chrysene-d12	14.07	240	351231	20.00	ng	0.00
86) Perylene-d12	15.55	264	303199	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1053041	118.40	ng	0.02
7) Phenol-d6	6.53	99	1299660	118.50	ng	0.01
23) Nitrobenzene-d5	7.47	82	829129	95.14	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	351533	124.30	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1547137	84.88	ng	0.00
78) Terphenyl-d14	13.02	244	1396070	91.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	161409	37.239	ng	95
3) Pyridine	3.56	79	434932	36.779	ng	96
4) n-Nitrosodimethylamine	3.51	42	216565	37.719	ng	100
6) Aniline	6.57	93	327892	21.161	ng	99
8) 2-Chlorophenol	6.69	128	392526	41.717	ng	97
9) Benzaldehyde	6.46	77	137997	17.618	ng	94
10) Phenol	6.55	94	469362m	40.765	ng	
11) bis(2-Chloroethyl)ether	6.64	93	388373	40.158	ng	94
12) 1,3-Dichlorobenzene	6.85	146	439022	40.470	ng	98
13) 1,4-Dichlorobenzene	6.92	146	439581	40.036	ng	99
14) 1,2-Dichlorobenzene	7.07	146	412467	40.630	ng	97
15) Benzyl Alcohol	7.04	79	354165	41.375	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	716127	46.297	ng	97
17) 2-Methylphenol	7.15	107	342091	42.544	ng	97
18) Hexachloroethane	7.42	117	153005	42.265	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	281323	36.986	ng	96
20) 3+4-Methylphenols	7.30	107	410783	40.371	ng	# 80
22) Acetophenone	7.31	105	532286	37.885	ng	# 95
24) Nitrobenzene	7.49	77	425363	47.421	ng	98
25) Isophorone	7.72	82	795187	43.420	ng	98
26) 2-Nitrophenol	7.80	139	218604	51.533	ng	98
27) 2,4-Dimethylphenol	7.83	122	380090	46.297	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	495657	41.376	ng	100
29) 2,4-Dichlorophenol	8.04	162	350510	44.723	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	355540	41.938	ng	96
31) Naphthalene	8.21	128	1126404	40.588	ng	99
32) Benzoic acid	7.95	122	261438	42.838	ng	98
33) 4-Chloroaniline	8.25	127	123586	10.699	ng	98
34) Hexachlorobutadiene	8.32	225	205550	40.779	ng	99
35) Caprolactam	8.63	113	113774m	42.301	ng	
36) 4-Chloro-3-methylphenol	8.73	107	364173	43.264	ng	97
37) 2-Methylnaphthalene	8.90	142	777250	42.186	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	345006	37.482	ng	98
40) Hexachlorocyclopentadiene	9.05	237	432336	99.798	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	258243	44.268	ng	97
43) 2,4,5-Trichlorophenol	9.22	196	262483	43.428	ng	# 91
45) 1,1'-Biphenyl	9.36	154	926990	38.618	ng	100
46) 2-Chloronaphthalene	9.39	162	718214	41.243	ng	97
47) 2-Nitroaniline	9.48	65	235720	45.937	ng	93
48) Acenaphthylene	9.80	152	1133864	39.289	ng	99
49) Dimethylphthalate	9.66	163	844831	39.869	ng	99
50) 2,6-Dinitrotoluene	9.72	165	190955	45.525	ng	98
51) Acenaphthene	9.97	154	753771	42.946	ng	100
52) 3-Nitroaniline	9.89	138	116226	23.465	ng	90
53) 2,4-Dinitrophenol	10.00	184	195490	96.570	ng	# 15
54) Dibenzofuran	10.15	168	987825	40.156	ng	98
55) 4-Nitrophenol	10.05	139	322676	80.231	ng	93
56) 2,4-Dinitrotoluene	10.13	165	258262	48.807	ng	# 91
57) Fluorene	10.49	166	727146	40.350	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	219460	44.303	ng	88
59) Diethylphthalate	10.36	149	832098	39.240	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	361412	40.882	ng	94
61) 4-Nitroaniline	10.51	138	201764	42.960	ng	93
62) Azobenzene	10.64	77	805032	40.307	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	123827	46.556	ng	81
65) n-Nitrosodiphenylamine	10.60	169	714901	38.767	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	239593	42.143	ng	# 83
67) Hexachlorobenzene	11.04	284	246933	41.528	ng	# 87
68) Atrazine	11.13	200	233750	41.875	ng	97
69) Pentachlorophenol	11.23	266	289287	67.848	ng	96
70) Phenanthrene	11.46	178	1114888	39.926	ng	99
71) Anthracene	11.50	178	1166064	41.160	ng	99
72) Carbazole	11.66	167	1018925	38.979	ng	100
73) Di-n-butylphthalate	11.99	149	1293940	42.299	ng	100
74) Fluoranthene	12.64	202	1152573	38.946	ng	98
76) Benzidine	12.76	184	205975	14.643	ng	98
77) Pyrene	12.87	202	1175875	46.965	ng	99
79) Butylbenzylphthalate	13.49	149	465546	45.595	ng	94
80) Benzo(a)anthracene	14.06	228	880869	41.647	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	196344	25.909	ng	99
82) Chrysene	14.10	228	840221	41.023	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	630462	46.947	ng	100
84) Di-n-octyl phthalate	14.66	149	955544	41.419	ng	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	852253	51.444	ng	96
87) Benzo(b)fluoranthene	15.12	252	714611	39.783	ng	99
88) Benzo(k)fluoranthene	15.14	252	690054	40.657	ng	98
89) Benzo(a)pyrene	15.49	252	676085	42.455	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	694385	53.318	ng	98
91) Benzo(g,h,i)perylene	17.50	276	731332	57.366	ng	96

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

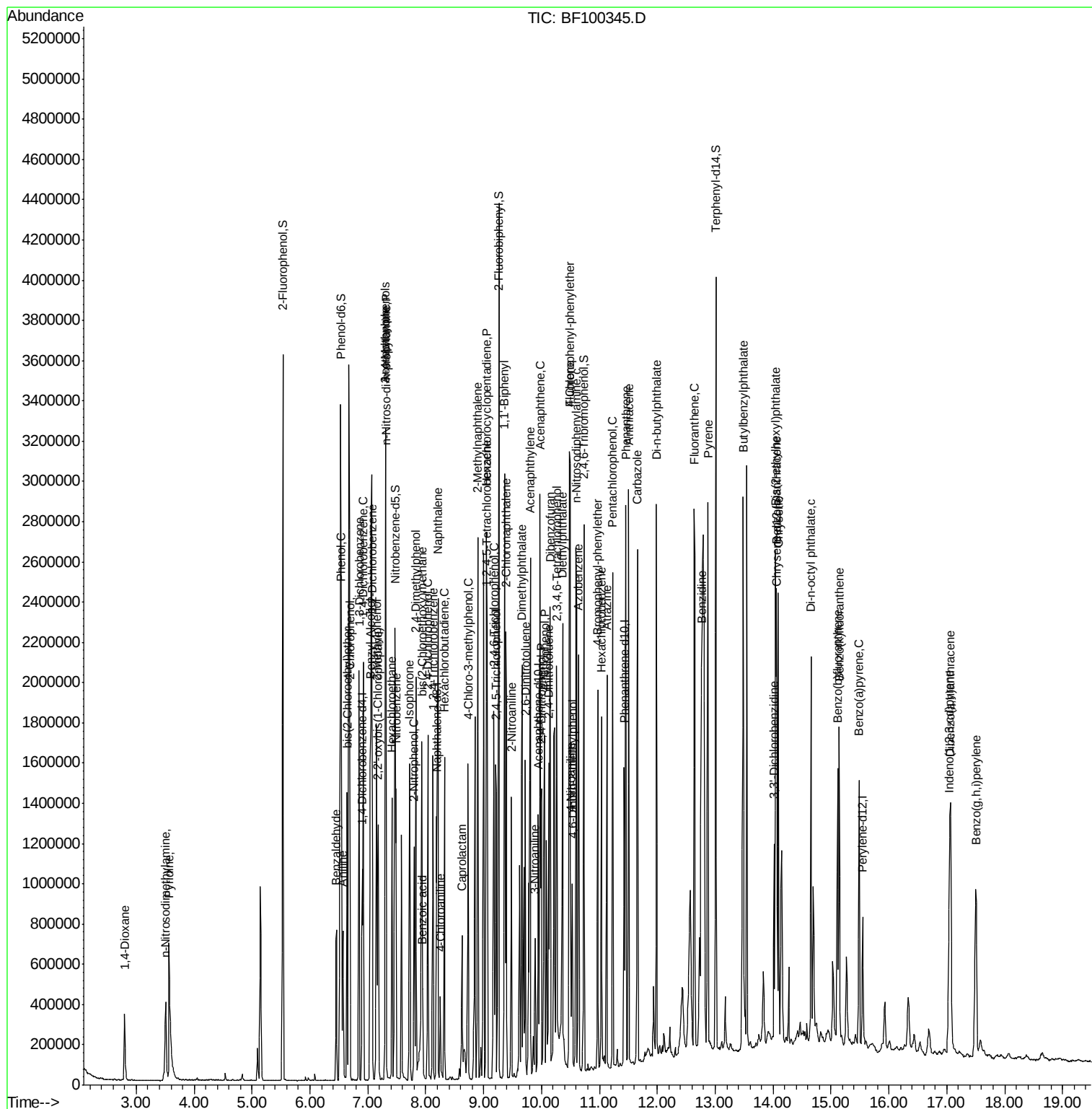
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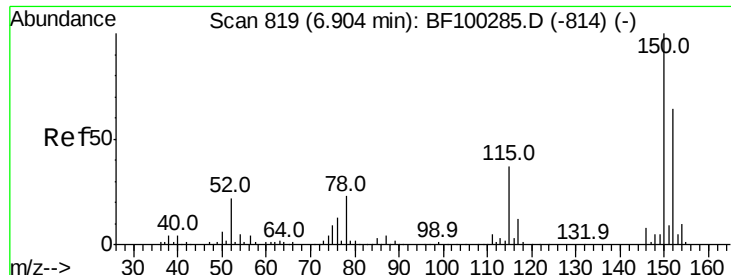
Instrument :
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#1

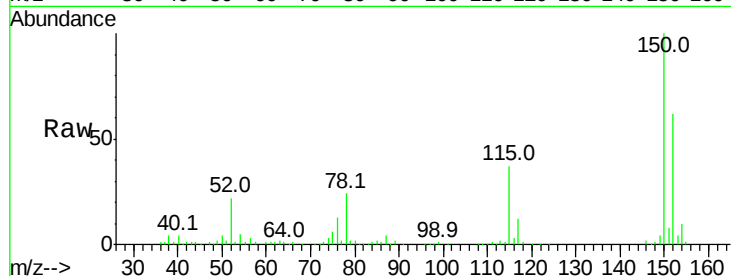
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

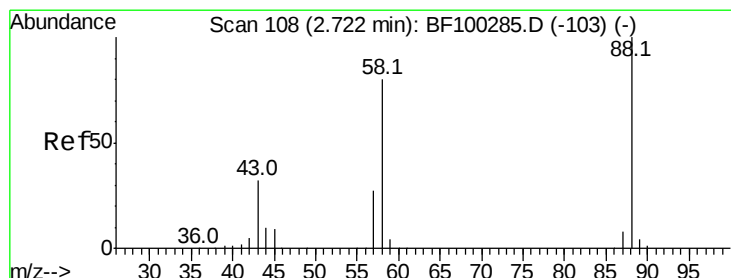
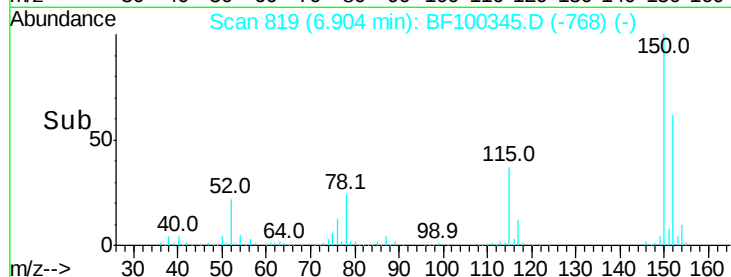
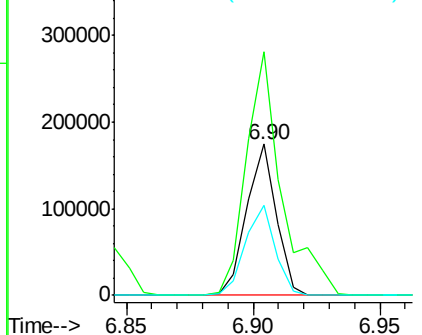
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	59.4	50.1	75.1

Manual Integrations
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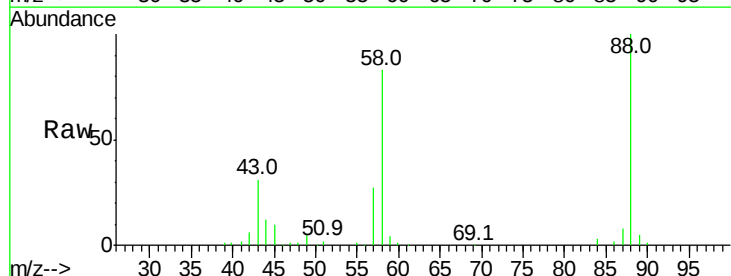
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



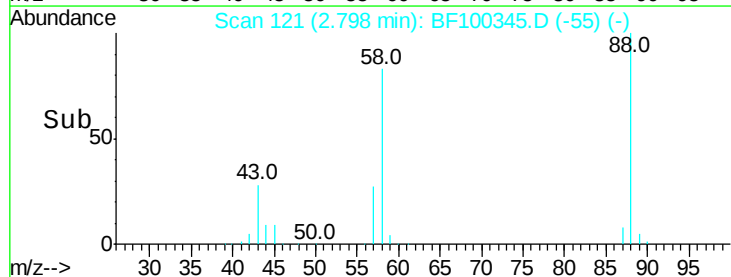
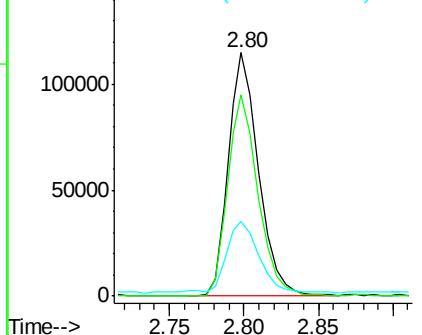
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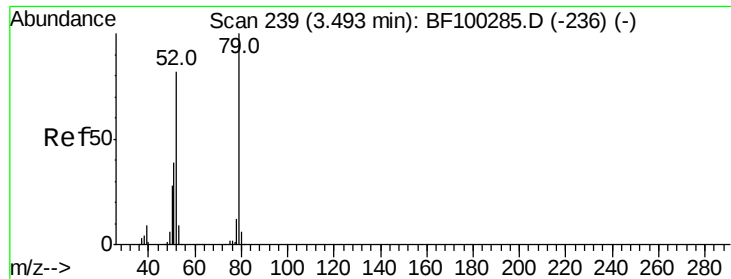
1,4-Dioxane
Concen: 37.239 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.09 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	62.6	93.8
43	32.1	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





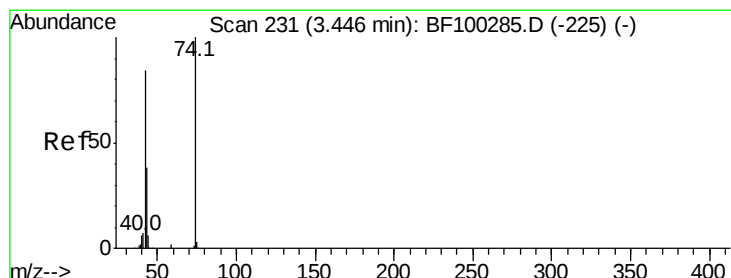
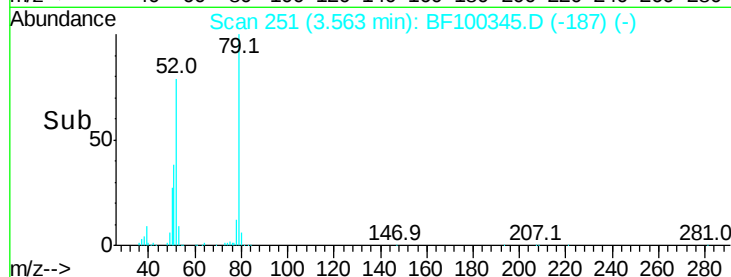
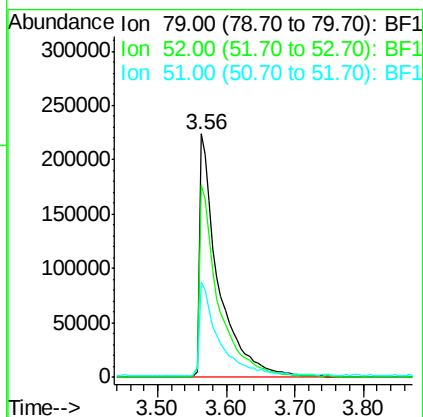
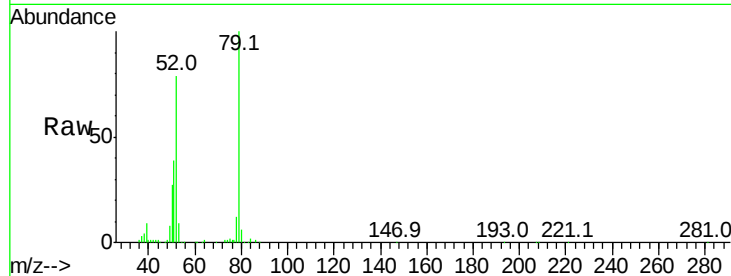
#3
 Pvridine
 Concen: 36.779 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.08 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion: 79 Resp: 434932
 Ion Ratio Lower Upper
 79 100
 52 78.9 59.8 89.6
 51 38.9 29.8 44.8

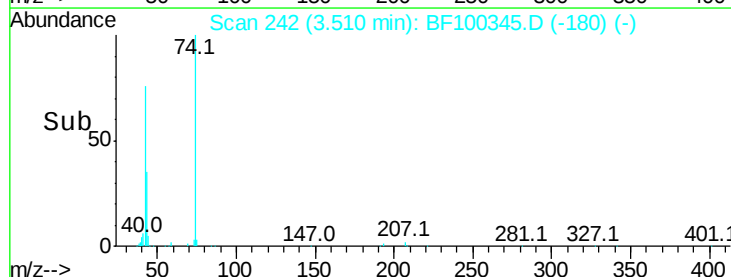
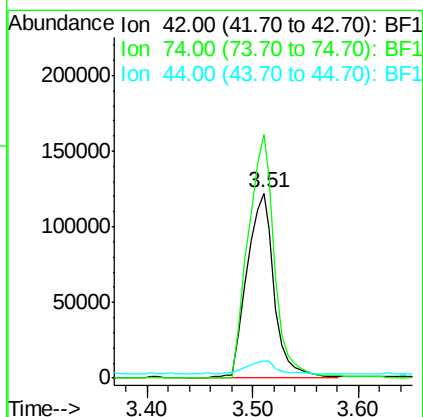
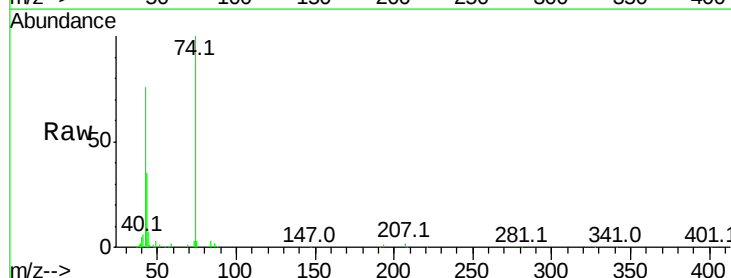
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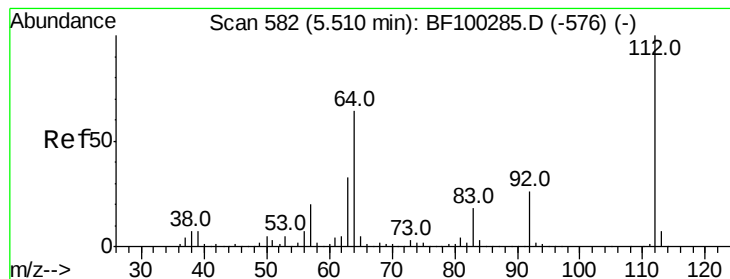
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#4
 n-Nitrosodimethylamine
 Concen: 37.719 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.06 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion: 42 Resp: 216565
 Ion Ratio Lower Upper
 42 100
 74 131.4 104.9 157.3
 44 9.0 6.9 10.3





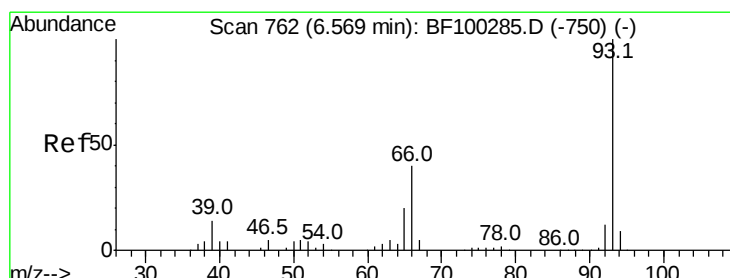
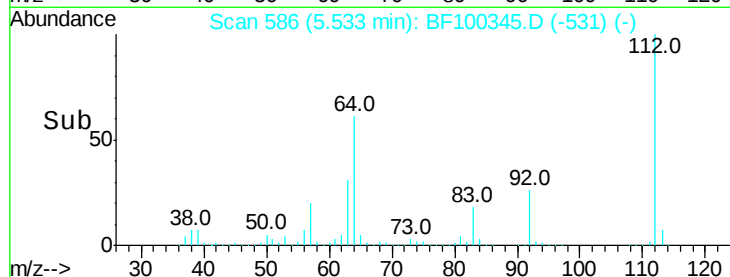
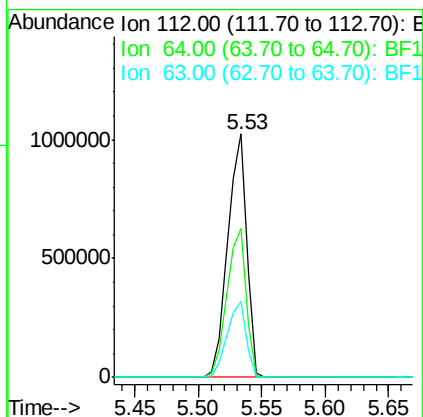
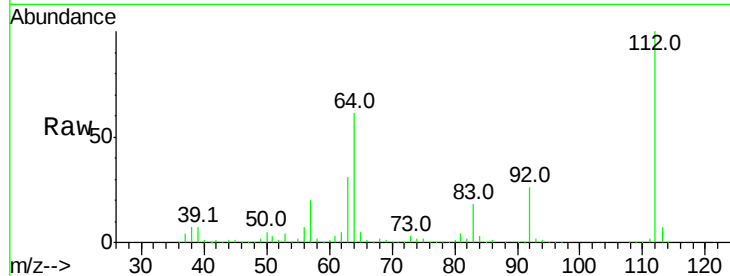
#5
2-Fluorophenol
Concen: 118.395 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.4	23.7	35.5

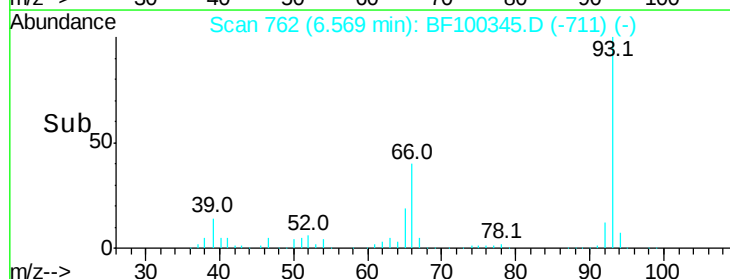
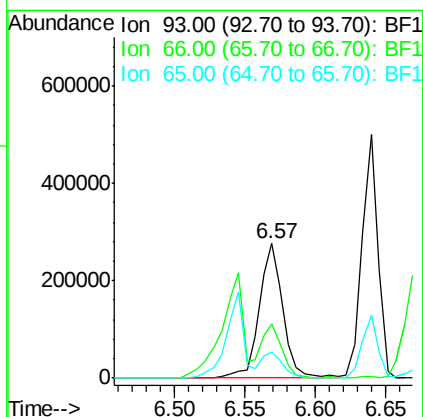
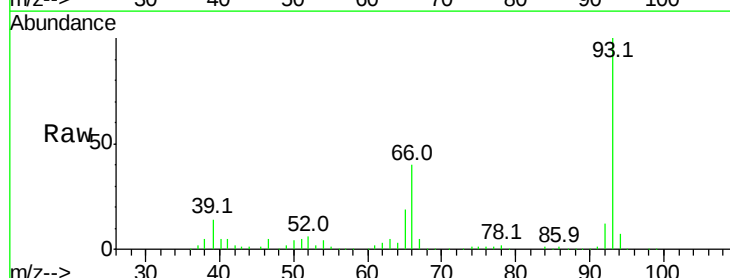
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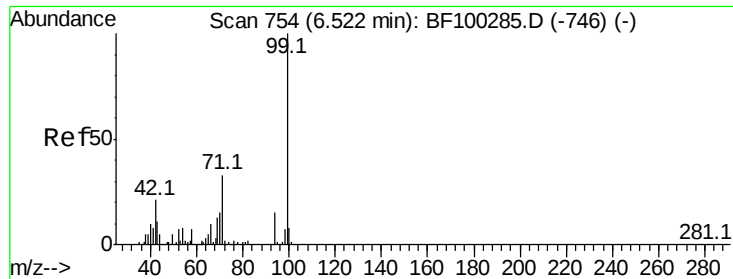
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#6
Aniline
Concen: 21.161 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.2	48.2
65	19.2	16.4	24.6





#7

Phenol-d6

Concen: 118.498 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampled :

PB103997BS

Tot Ion: 99 Resp: 1299660

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

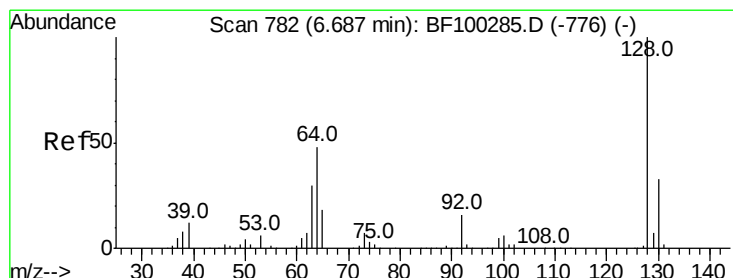
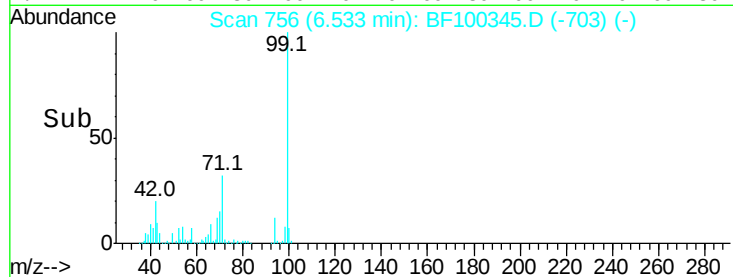
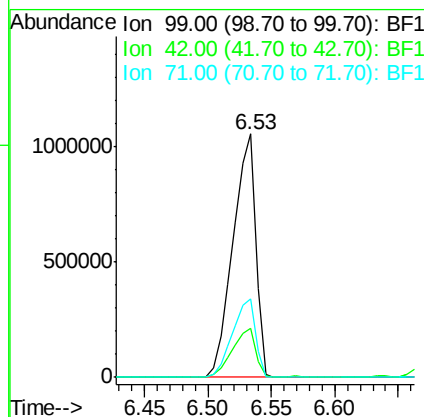
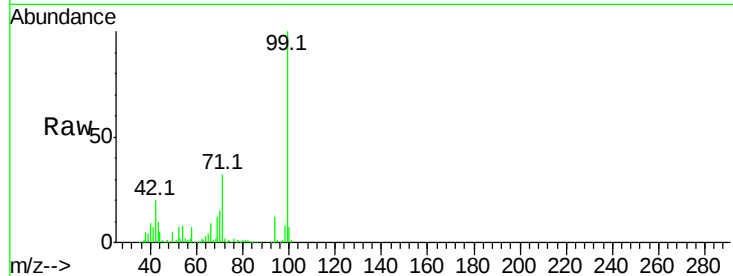
71 32.4 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.717 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

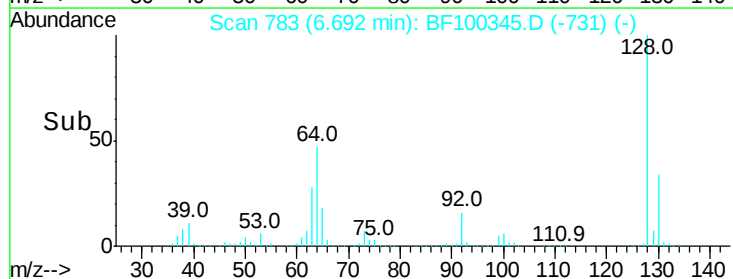
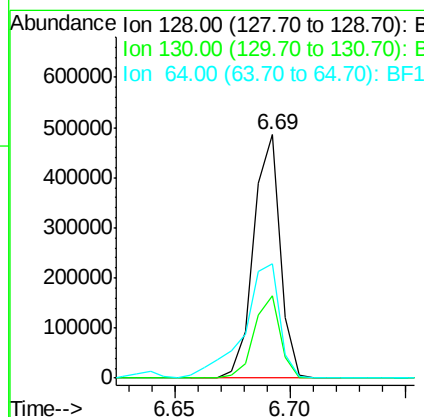
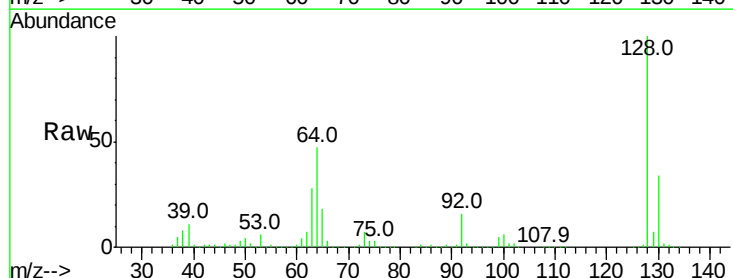
Tgt Ion: 128 Resp: 392526

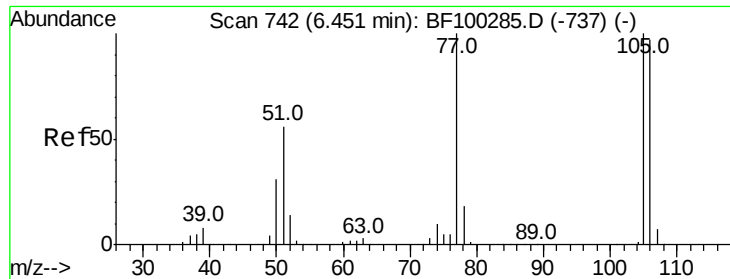
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 47.0 29.4 69.4





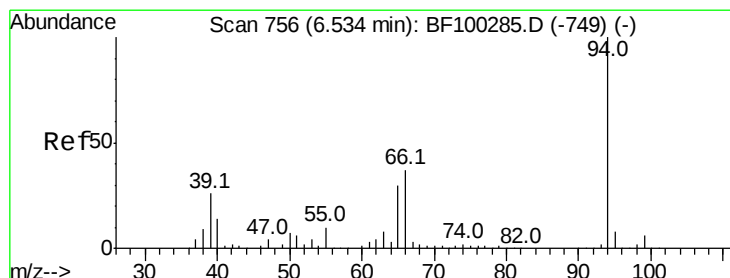
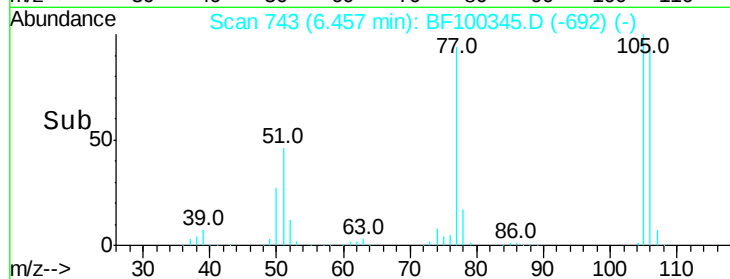
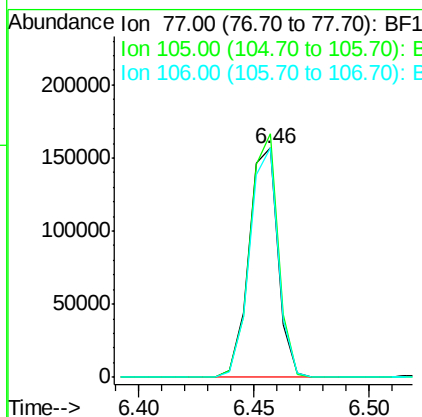
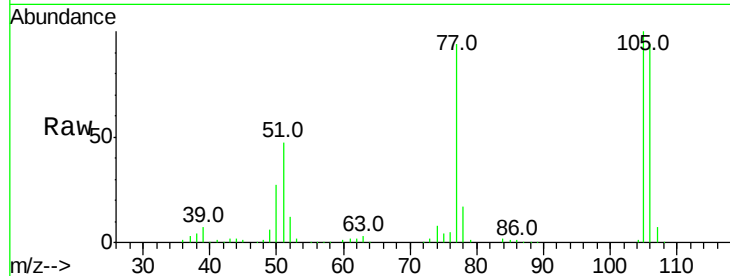
#9
Benzaldehyde
Concen: 17.618 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleID :
PB103997BS

Tot Ion: 77 Resp: 137997
Ion Ratio Lower Upper
77 100
105 106.3 81.1 121.1
106 100.4 74.5 114.5

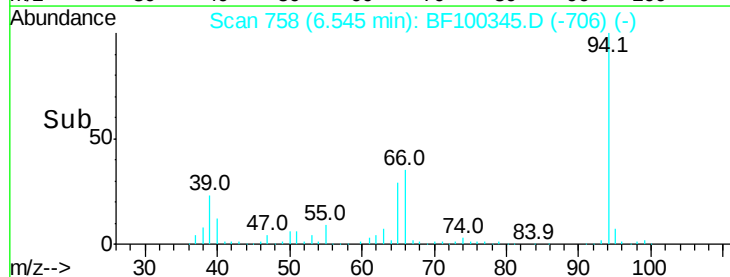
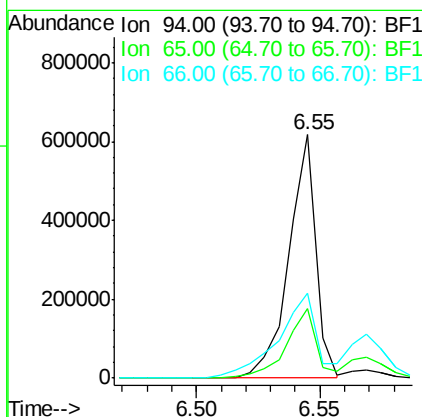
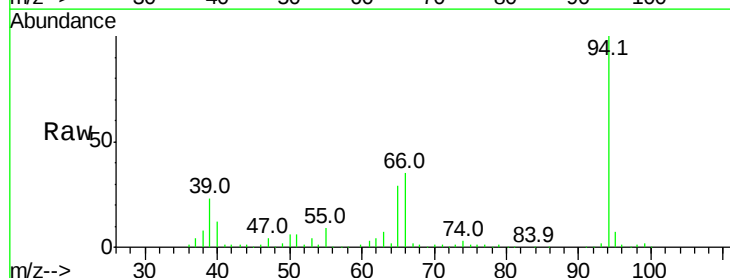
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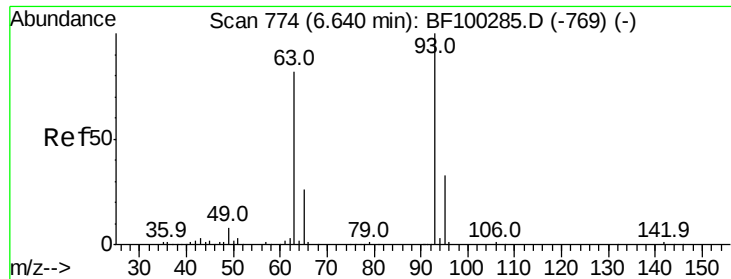
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#10
Phenol
Concen: 40.765 ng m
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion: 94 Resp: 469362
Ion Ratio Lower Upper
94 100
65 28.6 7.9 47.9
66 35.0 16.2 56.2





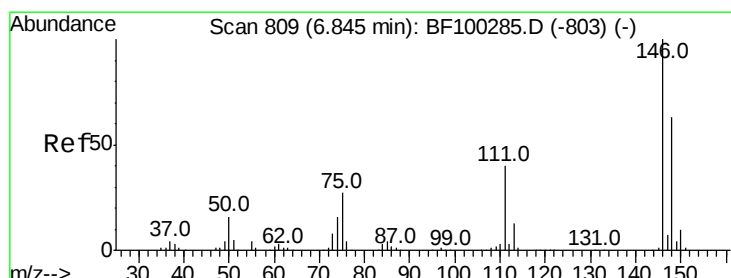
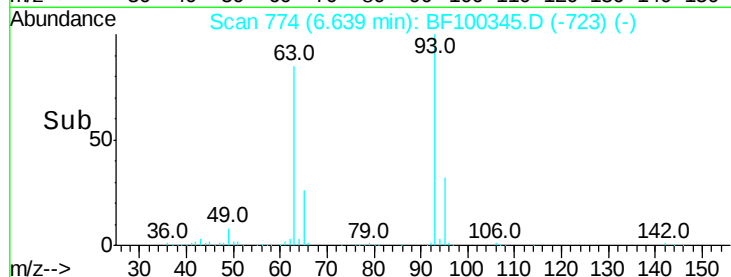
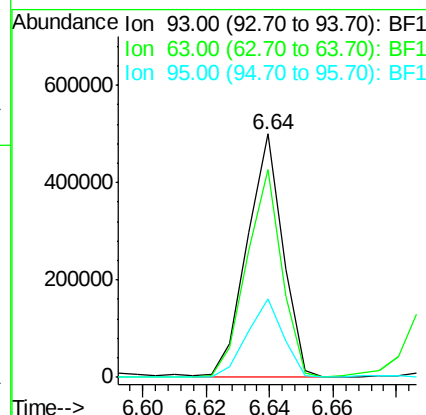
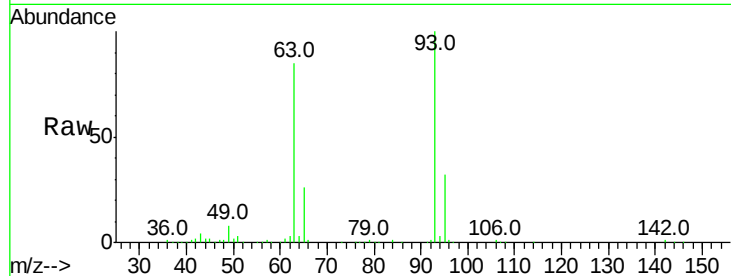
#11
bis(2-Chloroethyl)ether
Concen: 40.158 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	58.6	98.6
95	32.2	11.8	51.8

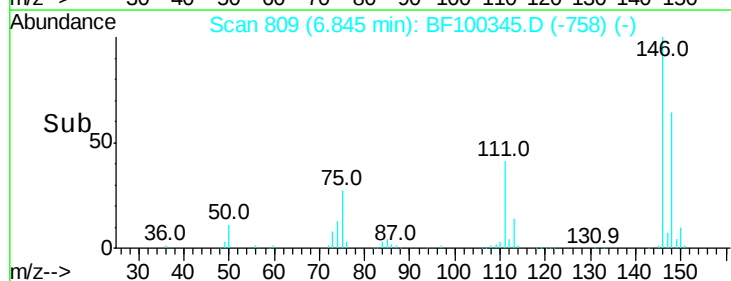
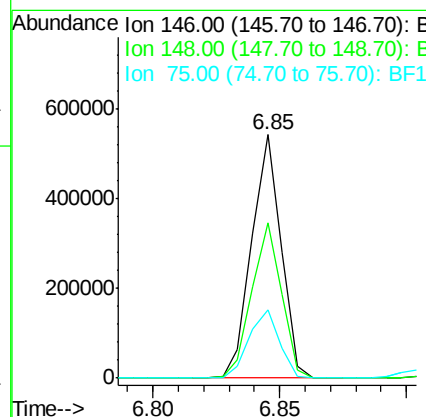
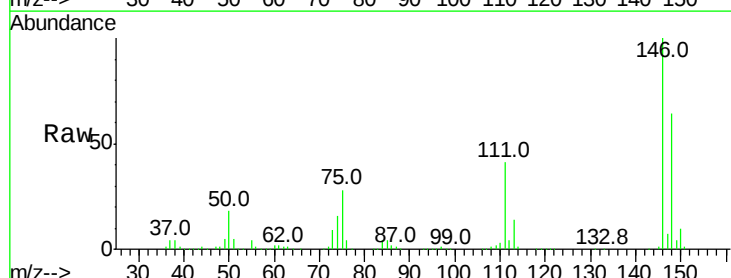
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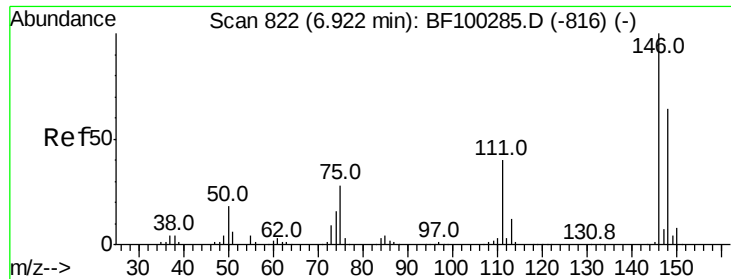
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.470 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.036 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

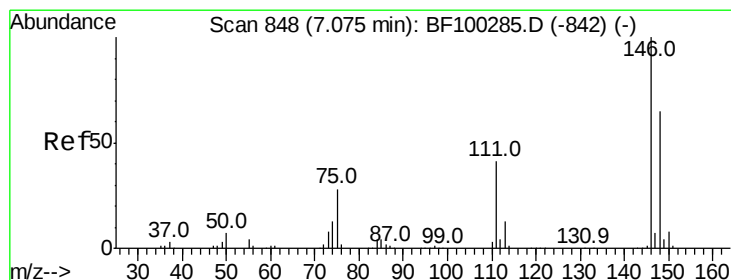
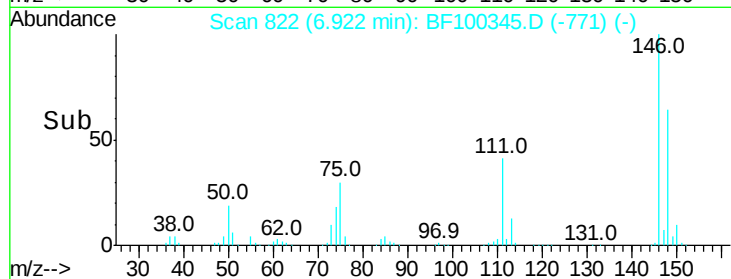
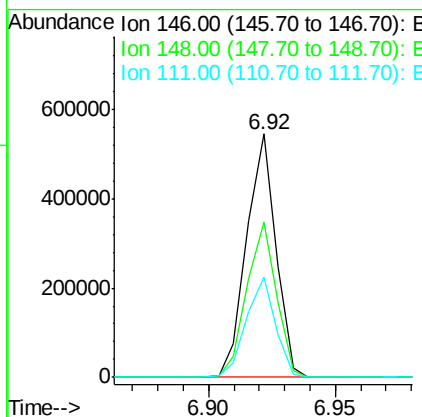
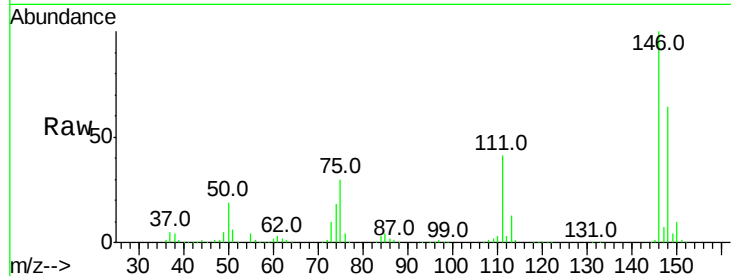
ClientSampled :

PB103997BS

Tot Ion:	146	Resp:	439581
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	41.4	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.630 ng

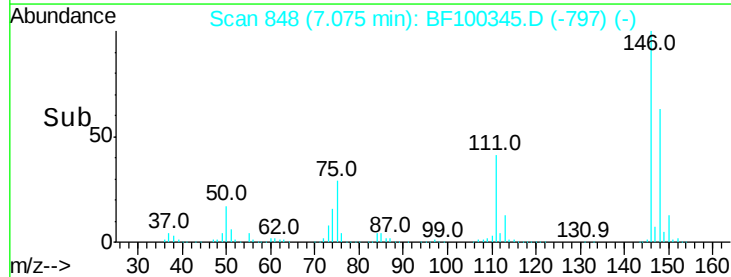
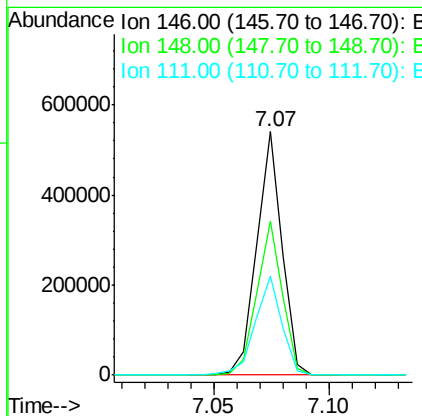
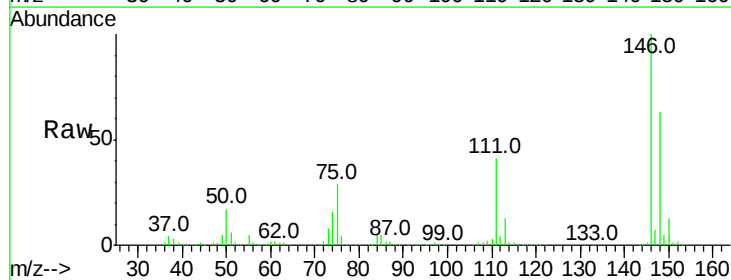
RT: 7.07 min Scan# 848

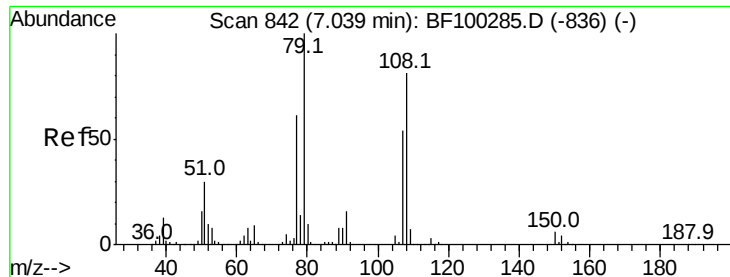
Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:	146	Resp:	412467
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	40.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.375 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

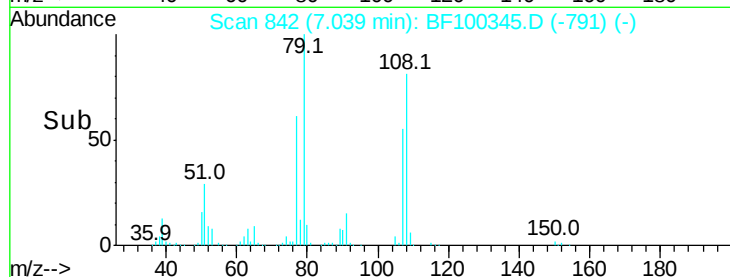
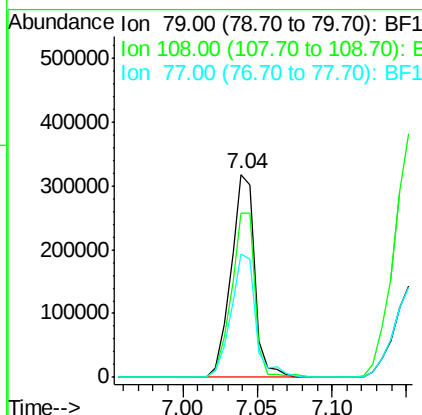
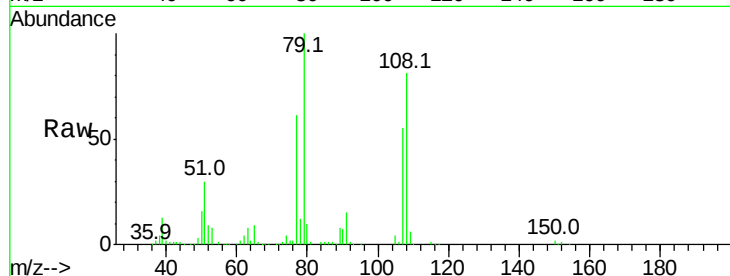
ClientSampled :

PB103997BS

Tot Ion:	79	Resp:	354165
Ion Ratio	Lower	Upper	
79	100		
108	80.8	65.1	97.7
77	61.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.297 ng

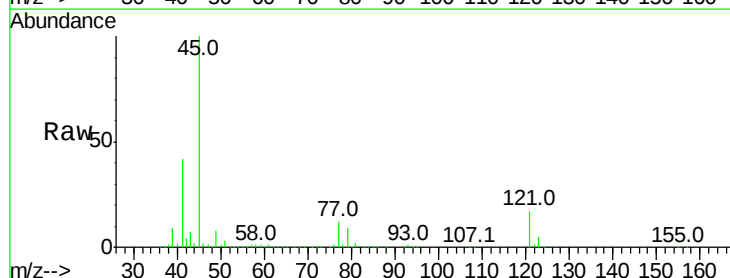
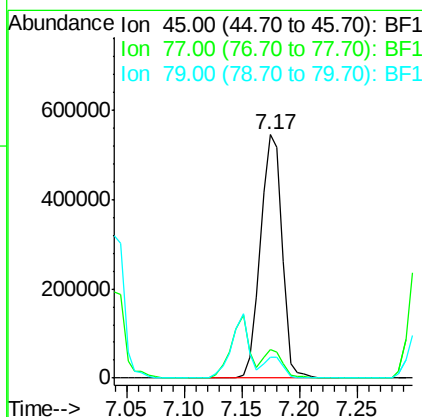
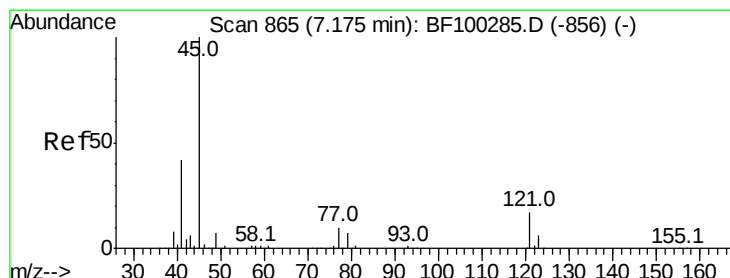
RT: 7.17 min Scan# 865

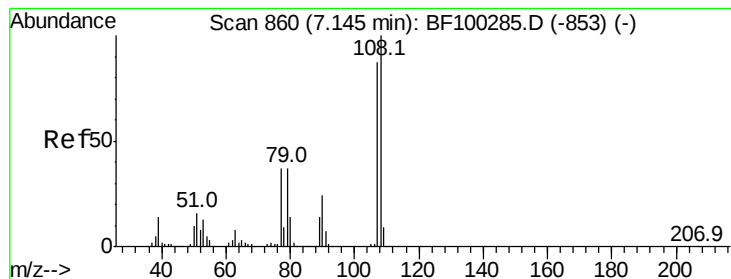
Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:	45	Resp:	716127
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.9
79	8.7	0.0	29.6





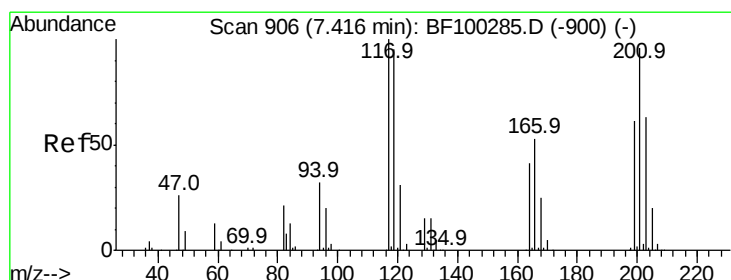
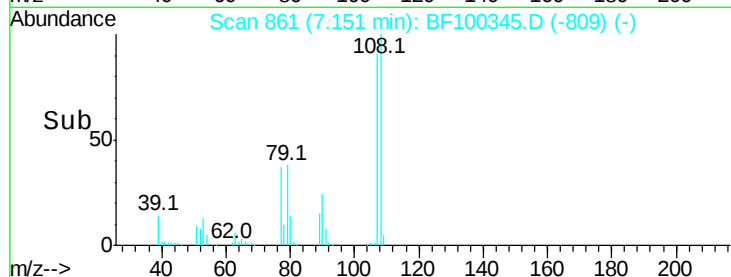
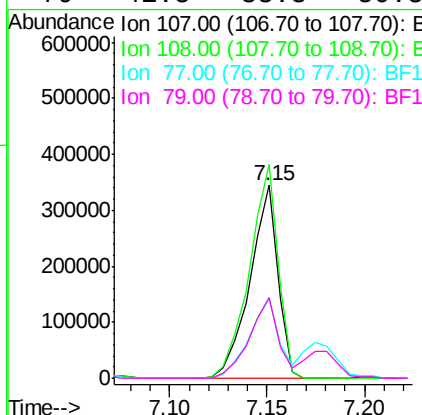
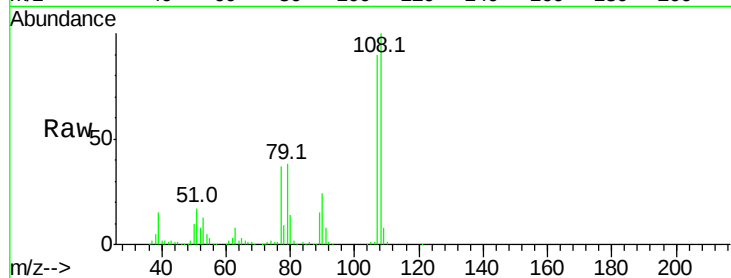
#17
2-Methylphenol
Concen: 42.544 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	91.7	137.5	
77	41.0	33.8	50.8	
79	41.5	33.8	50.8	

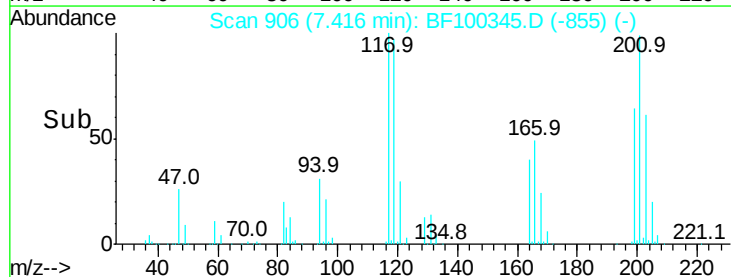
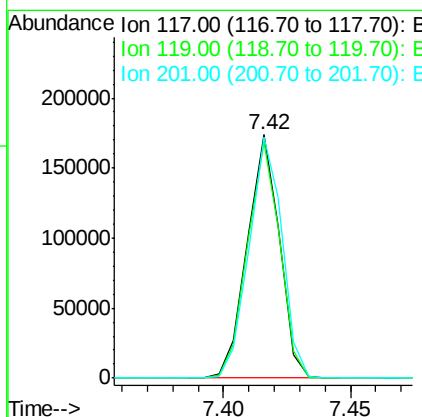
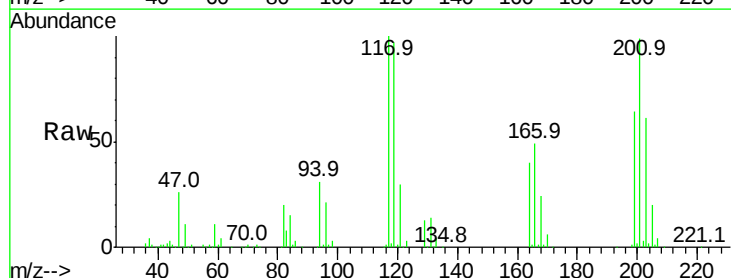
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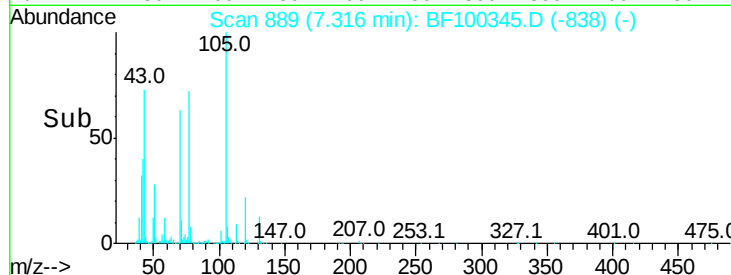
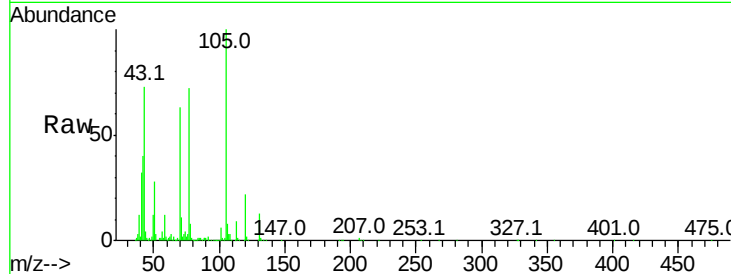
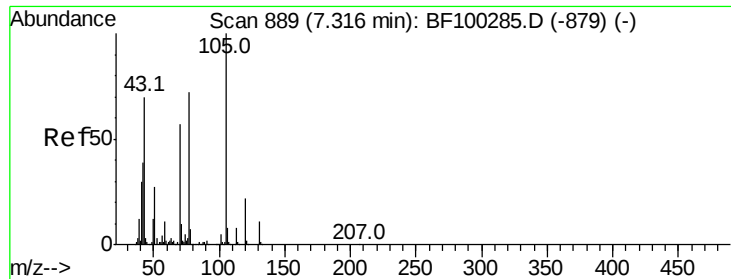
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#18
Hexachloroethane
Concen: 42.265 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	75.8	113.8	
201	99.0	75.7	113.5	





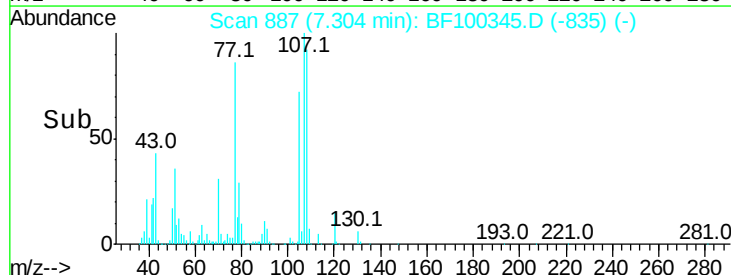
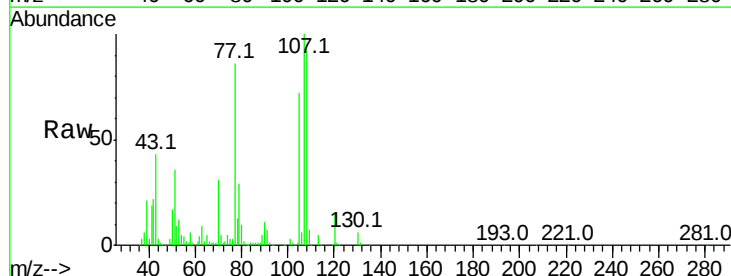
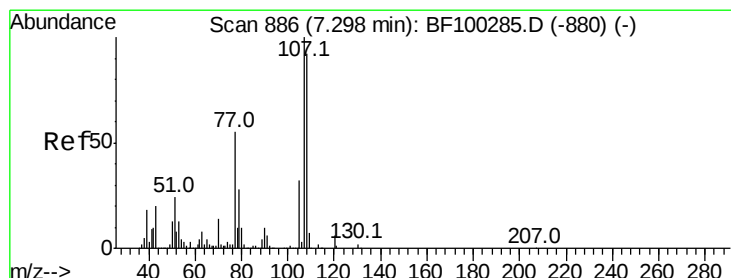
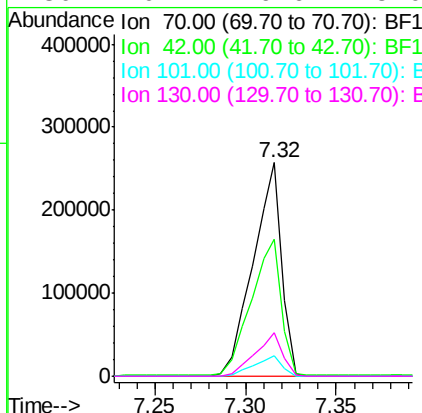
#19
n-Nitroso-di-n-propylamine
Concen: 36.986 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

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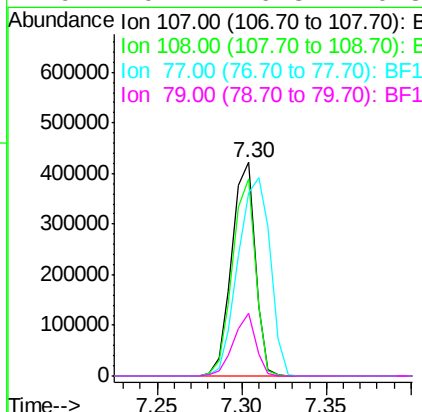
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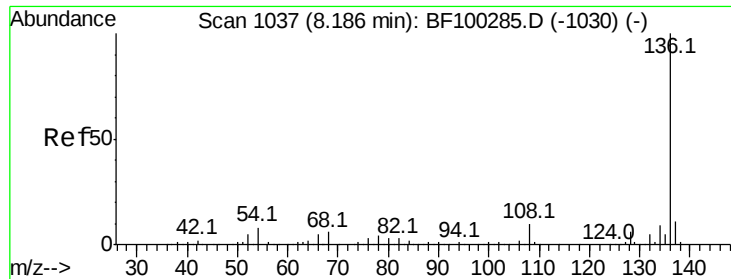
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.1	47.5	71.3
101	9.6	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.371 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	85.5	26.7	66.7#
79	29.1	6.3	46.3





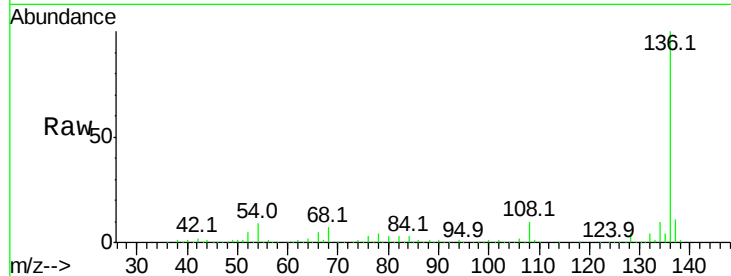
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

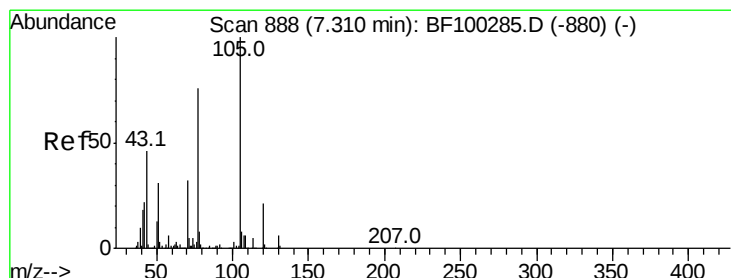
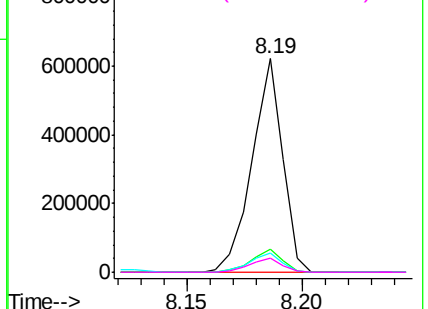
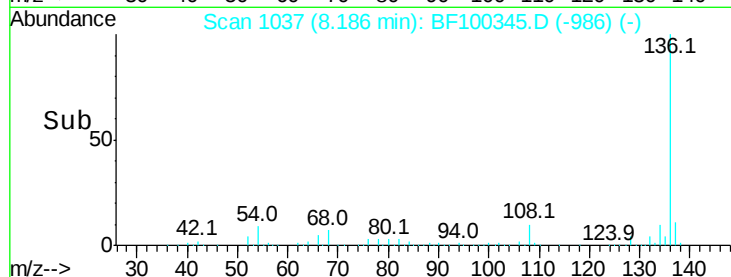
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.2	6.6	9.8	
68	6.7	5.0	7.4	

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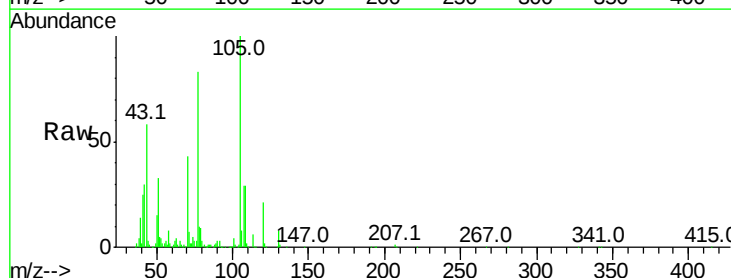


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

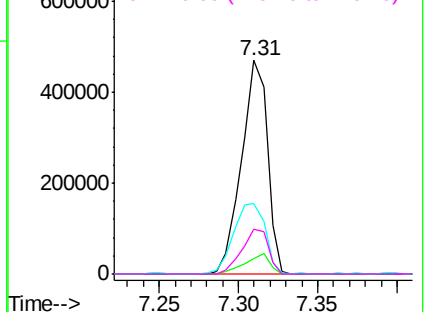
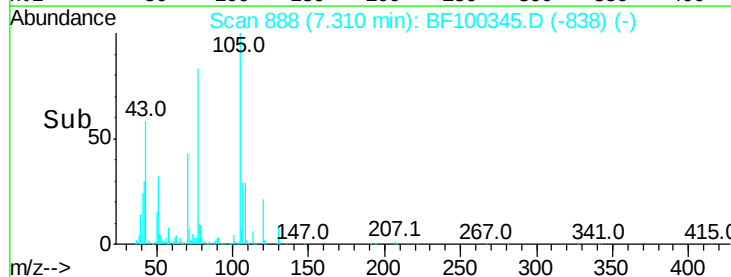


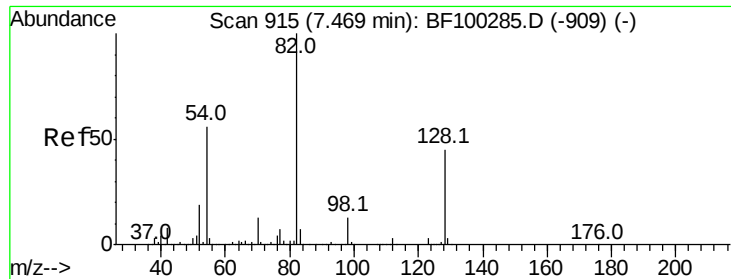
#22
Acetophenone
Concen: 37.885 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	4.4	6.6#	
51	32.8	22.3	33.5	
120	21.1	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





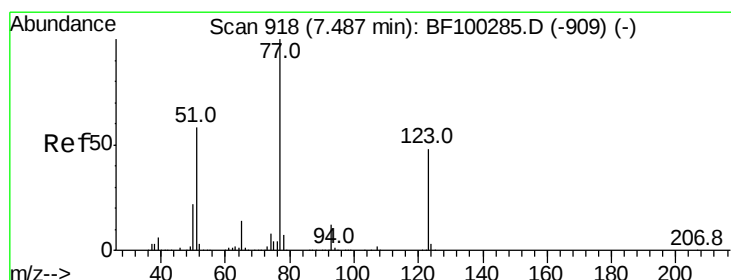
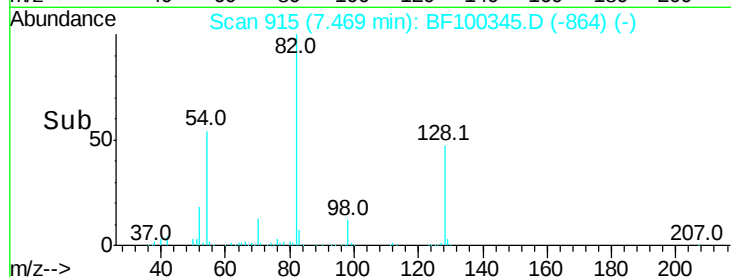
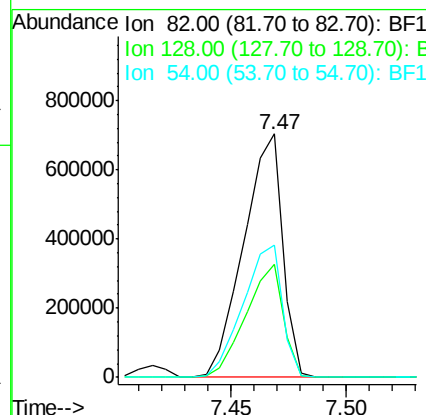
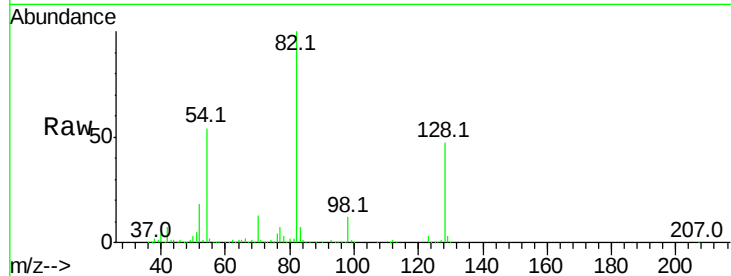
#23
 Nitrobenzene-d5
 Concen: 95.138 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampled :
 PB103997BS

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

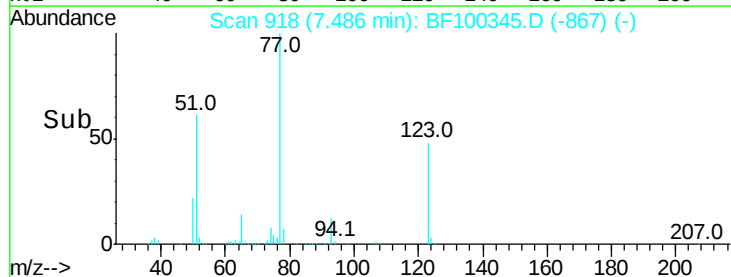
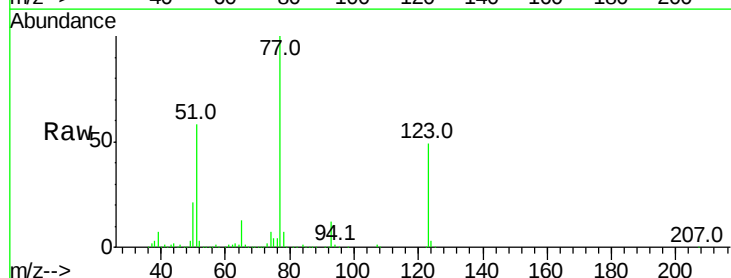
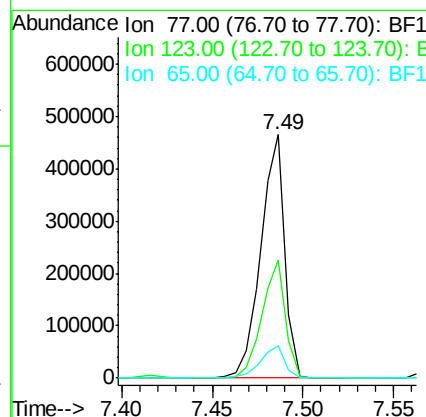
Manual Integrations
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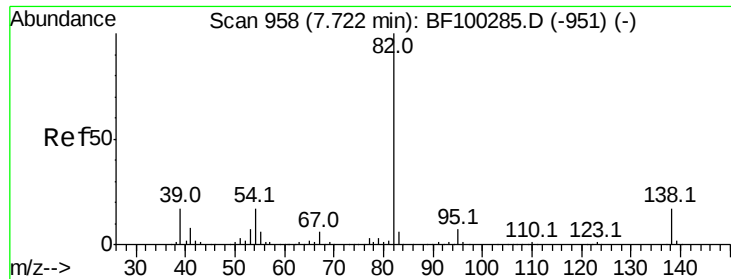
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#24
 Nitrobenzene
 Concen: 47.421 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 43.420 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

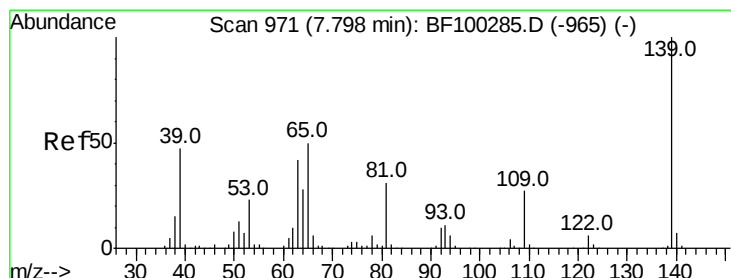
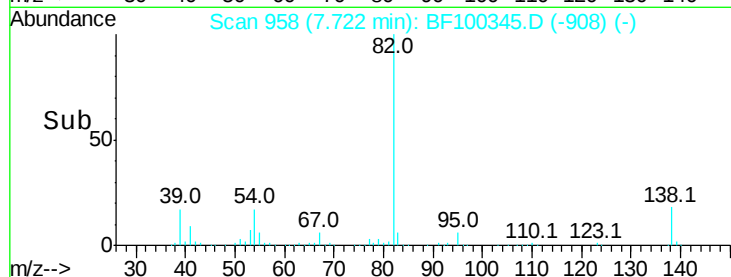
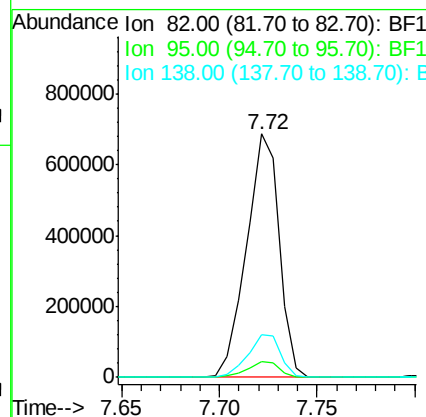
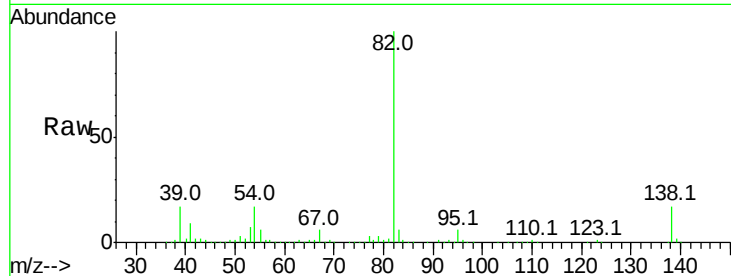
ClientSampleId :

PB103997BS

Tot Ion:	82	Resp:	795187
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	17.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.533 ng

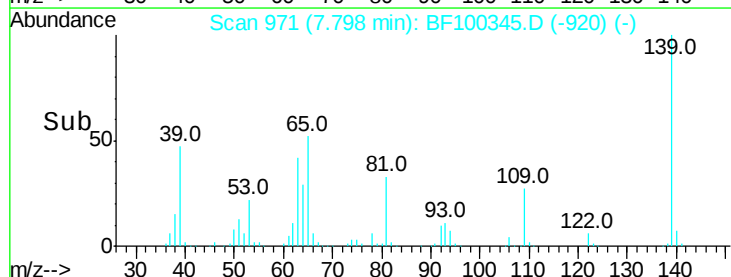
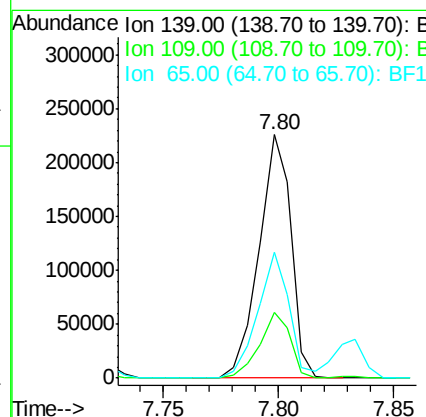
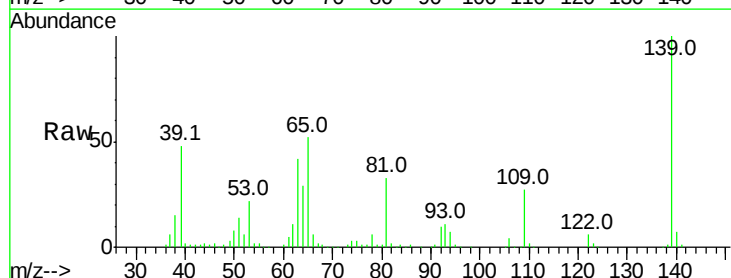
RT: 7.80 min Scan# 971

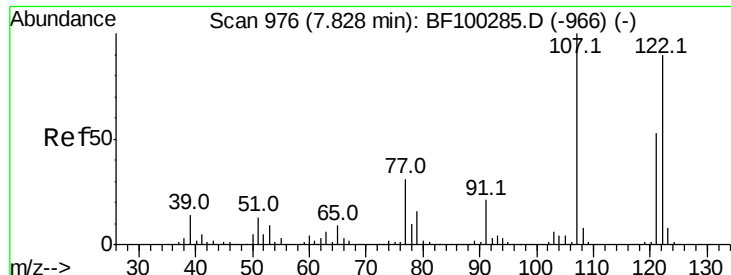
Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:	139	Resp:	218604
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	51.8	40.5	60.7





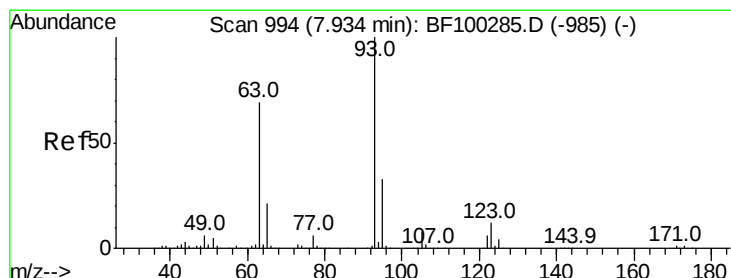
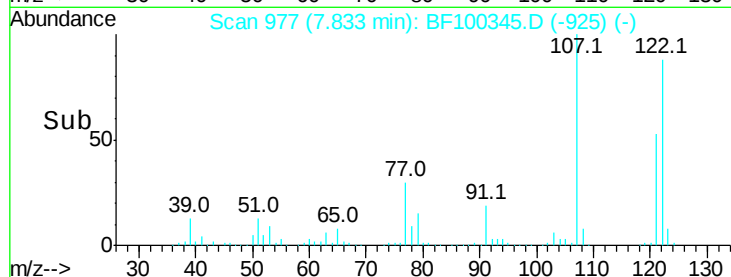
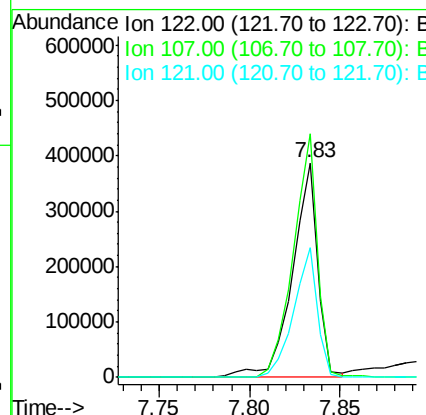
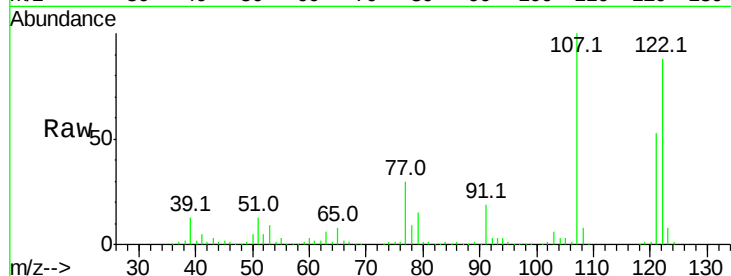
#27
2,4-Dimethylphenol
Concen: 46.297 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampled :
PB103997BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.2	136.8
121	60.3	47.2	70.8

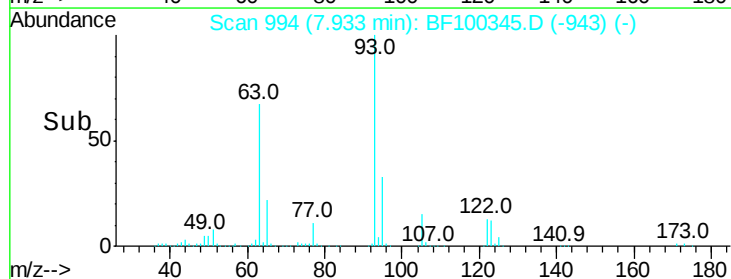
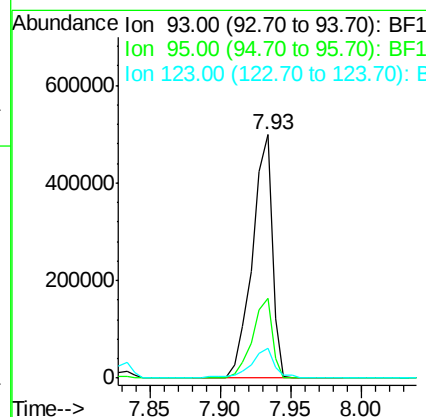
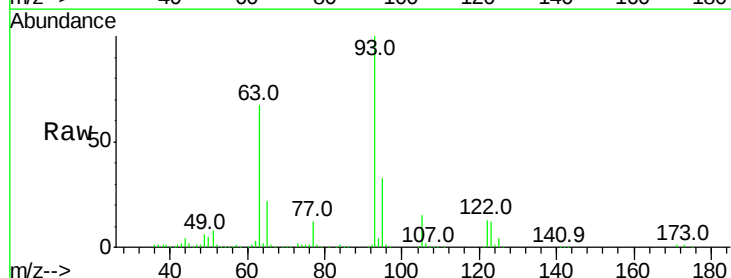
Manual Integrations
APPROVED

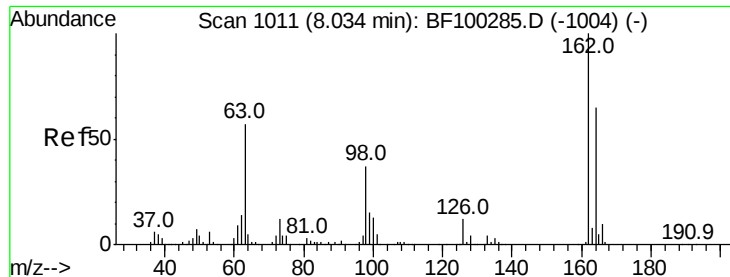
Sohil
11/10/2017 1:15:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.376 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	12.0	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 44.723 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

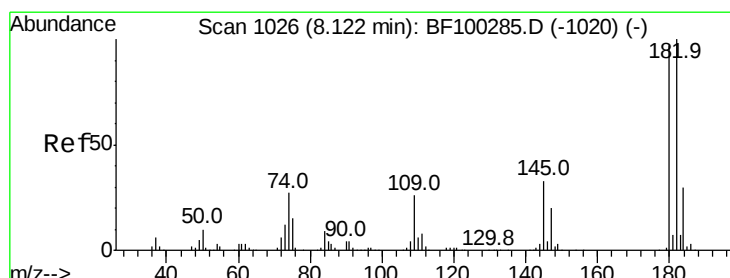
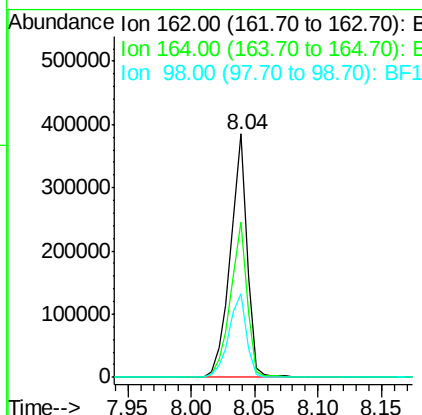
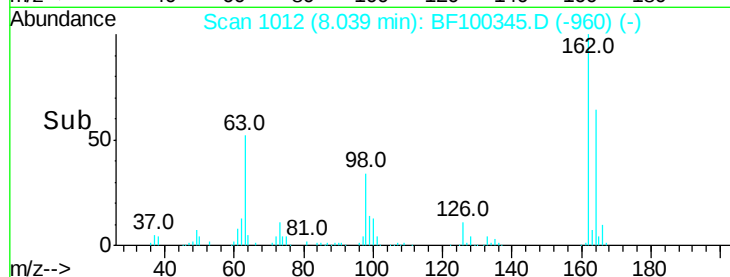
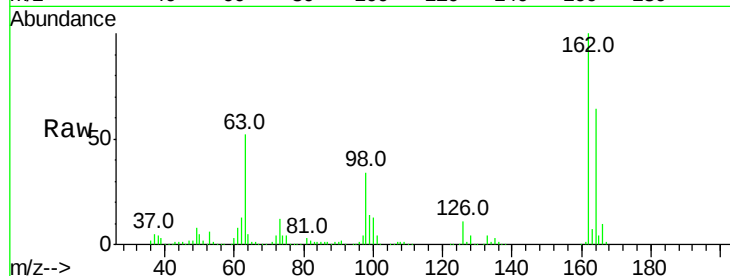
ClientSampled :

PB103997BS

Tot Ion:	162	Resp:	350510
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	34.1	18.1	58.1

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:04 PM



#30

1,2,4-Trichlorobenzene

Concen: 41.938 ng

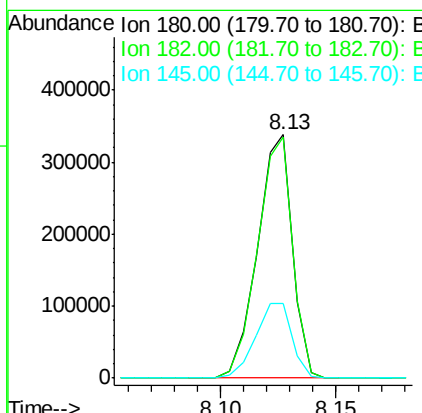
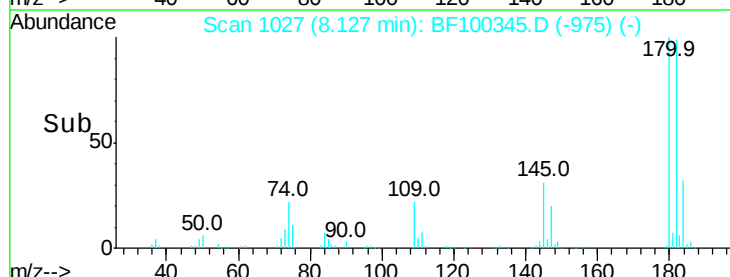
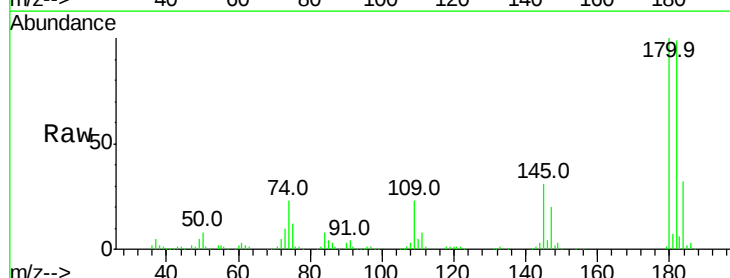
RT: 8.13 min Scan# 1027

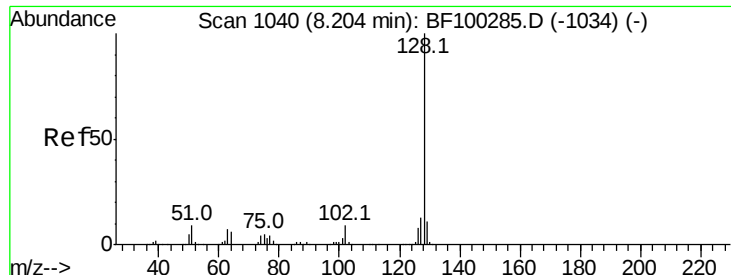
Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:	180	Resp:	355540
Ion Ratio	Lower	Upper	
180	100		
182	99.2	76.8	115.2
145	30.7	26.5	39.7





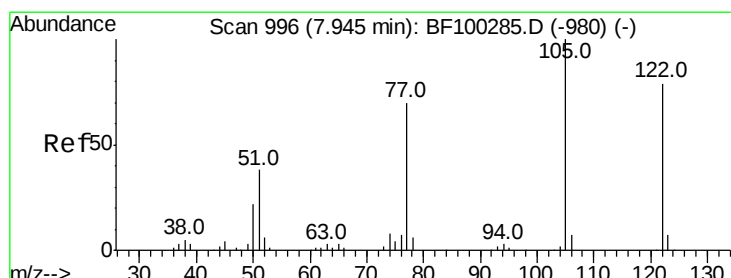
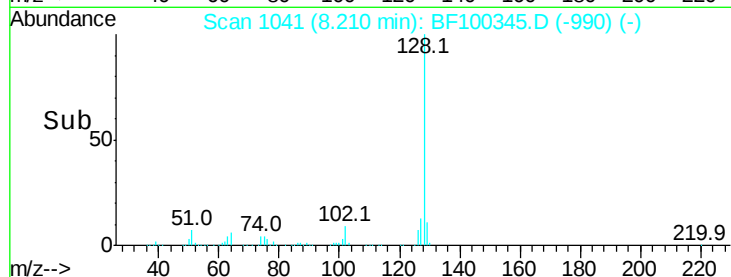
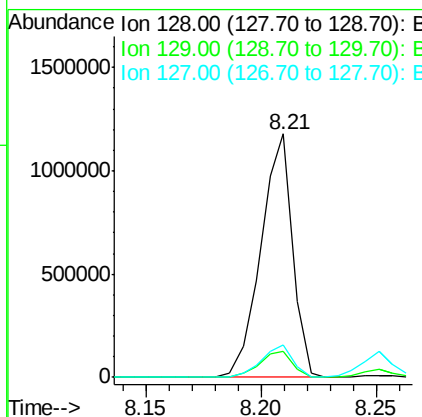
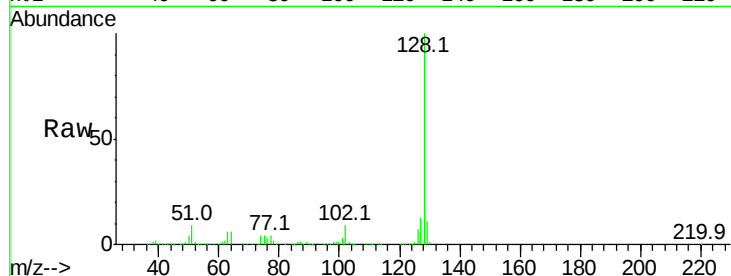
#31
Naphthalene
Concen: 40.588 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion:128 Resp: 1126404
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.9 16.3

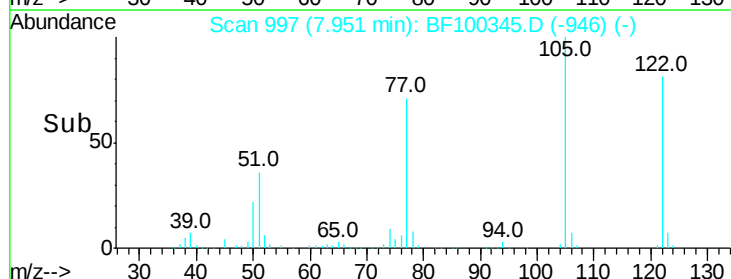
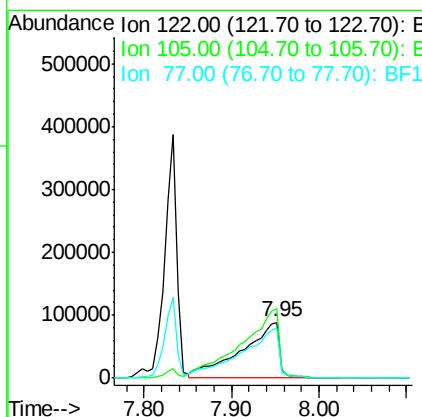
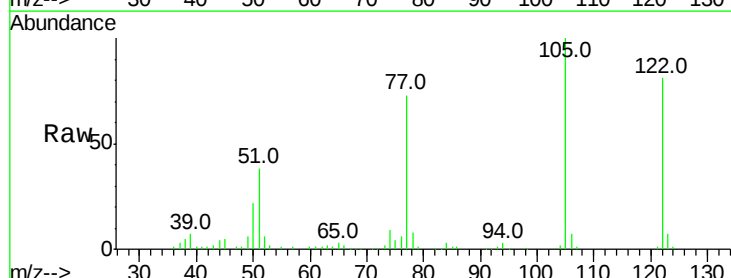
Manual Integrations
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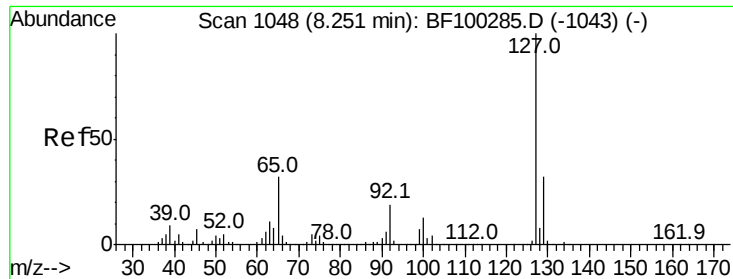
Sohil
11/10/2017 1:15:04 PM



#32
Benzoic acid
Concen: 42.838 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion:122 Resp: 261438
Ion Ratio Lower Upper
122 100
105 124.1 101.1 141.1
77 90.6 70.7 110.7





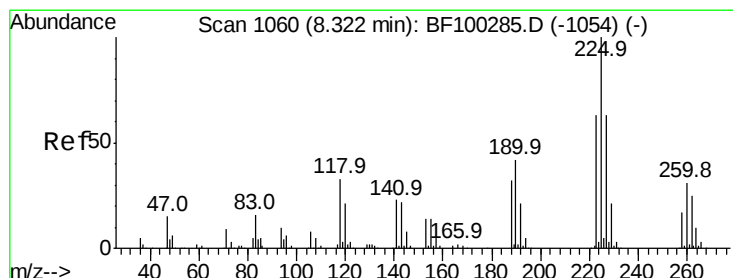
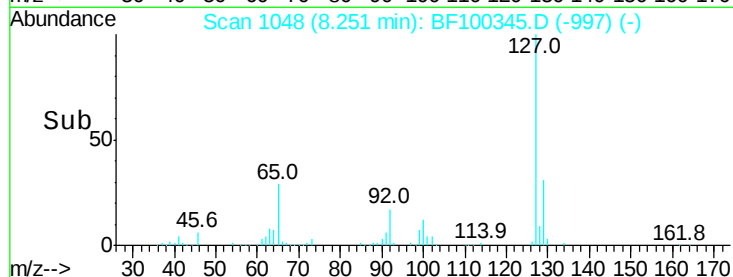
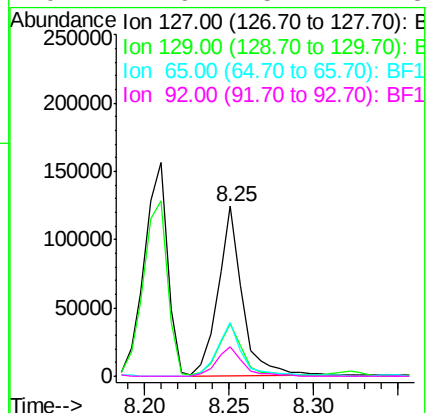
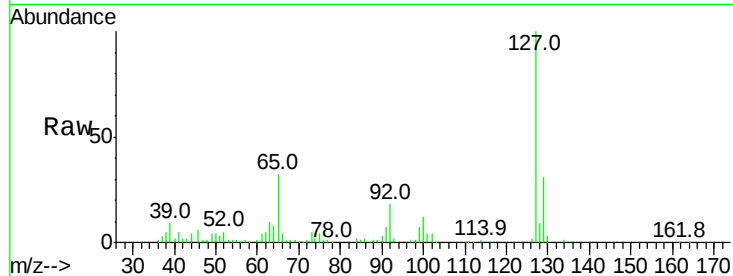
#33
4-Chloroaniline
Concen: 10.699 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.7	25.9	38.9	
65	31.6	25.0	37.4	
92	17.6	15.2	22.8	

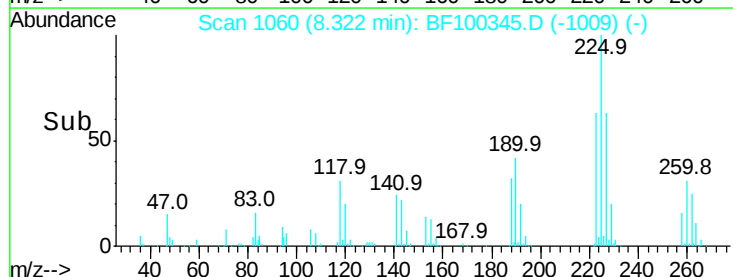
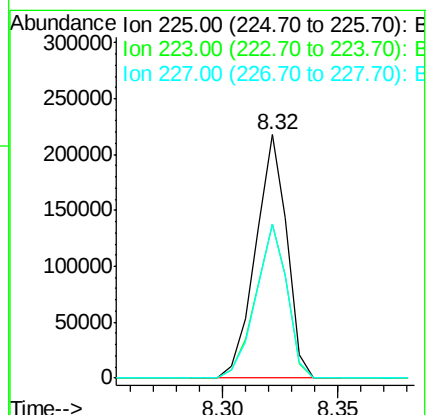
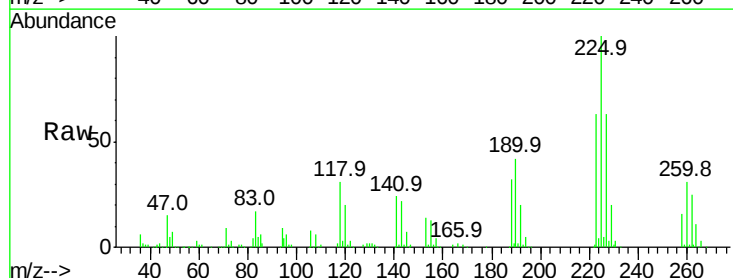
Manual Integrations
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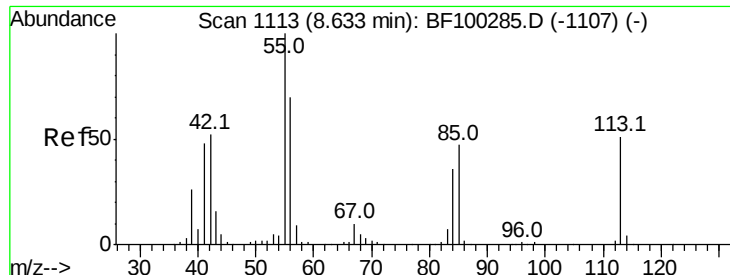
Sohil
11/10/2017 1:15:04 PM



#34
Hexachlorobutadiene
Concen: 40.779 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.6	76.0	
227	63.0	51.9	77.9	





#35

Caprolactam

Concen: 42.301 ng/mL

RT: 8.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleID :

PB103997BS

Tot Ion:113 Resp: 113774

Ion Ratio Lower Upper

113 100

55 202.7 163.3 203.3

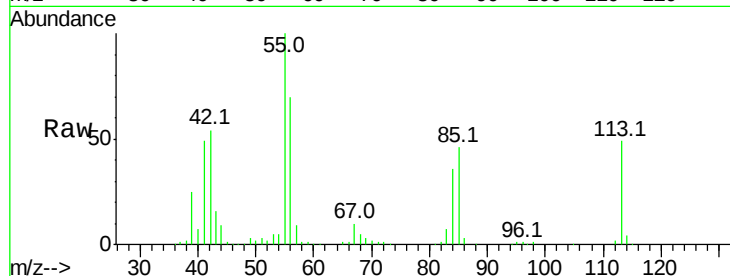
56 141.5 115.7 155.7

Manual Integrations

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Sohil

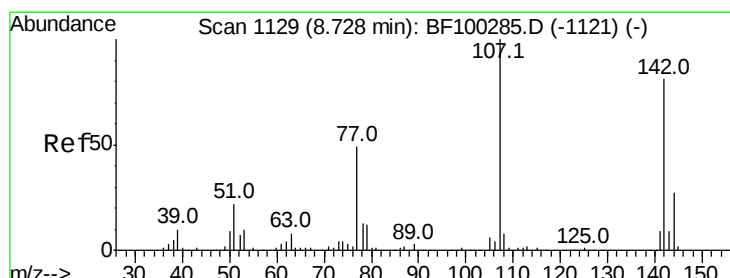
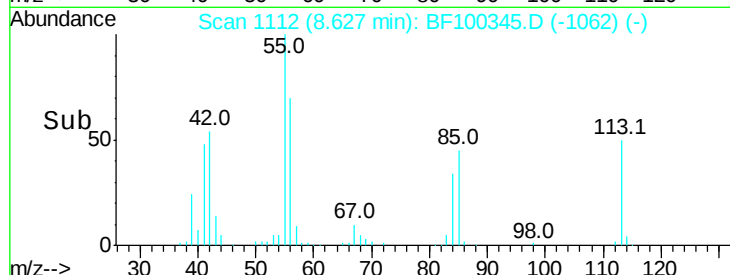
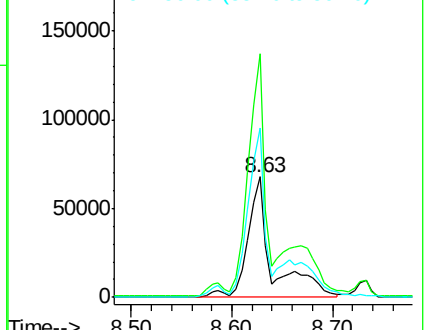
11/10/2017 1:15:04 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.264 ng/mL

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

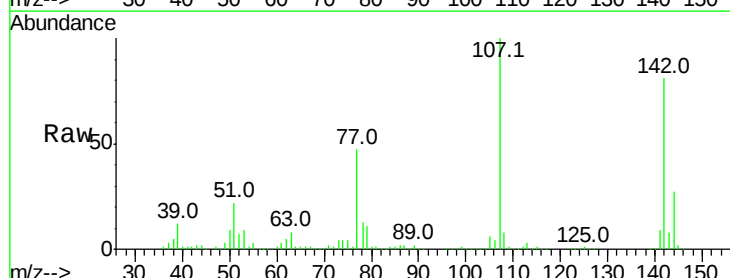
Tgt Ion:107 Resp: 364173

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

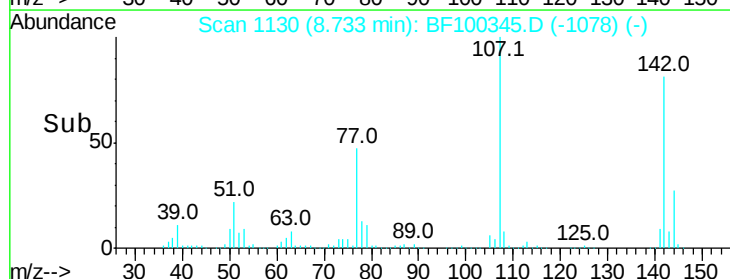
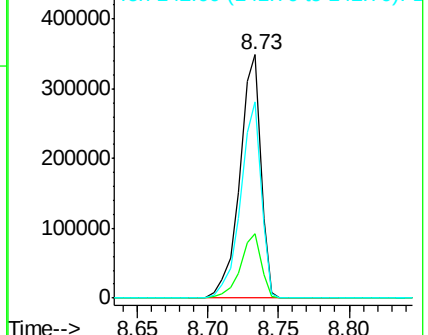
142 80.7 62.0 93.0

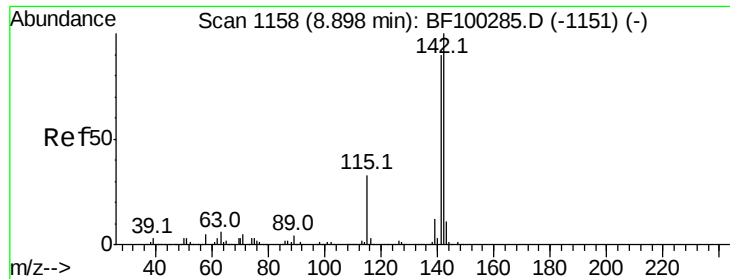


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





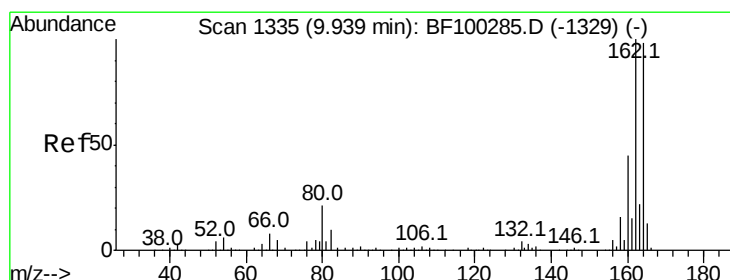
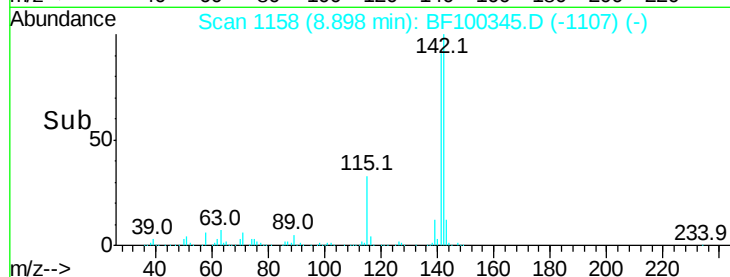
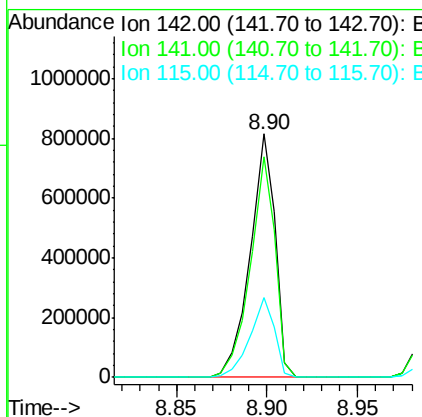
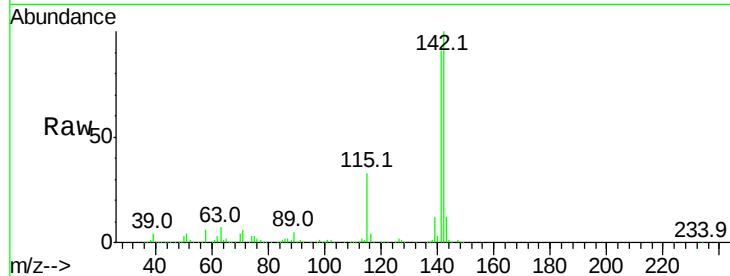
#37
2-Methylnaphthalene
Concen: 42.186 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampled :
PB103997BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	32.7	26.1	39.1

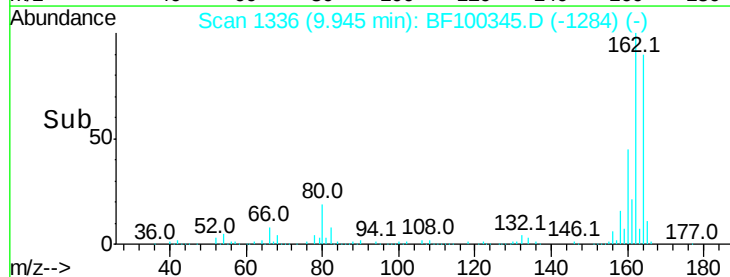
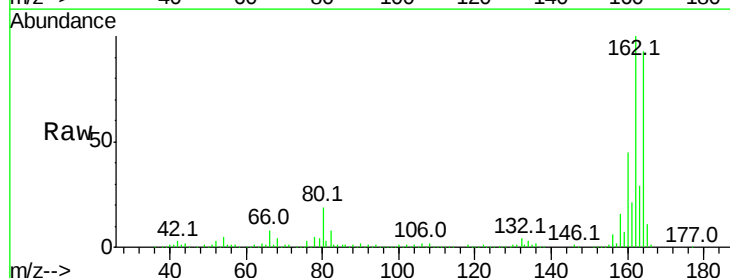
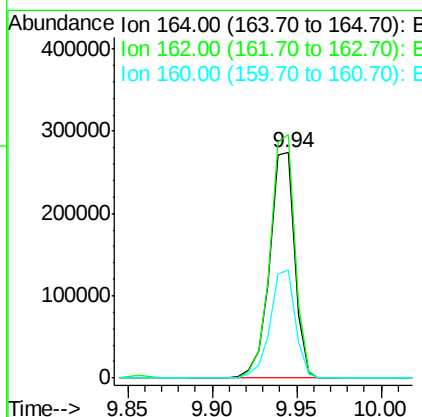
Manual Integrations
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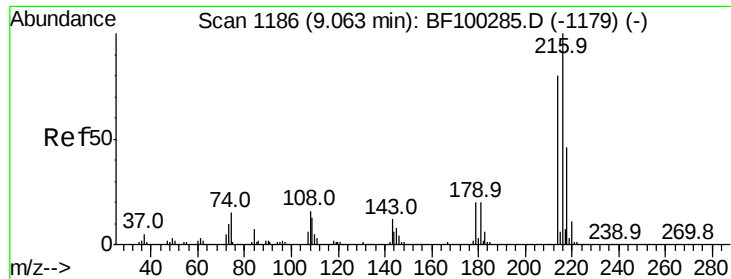
Sohil
11/10/2017 1:15:04 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	86.1	129.1
160	48.1	38.3	57.5





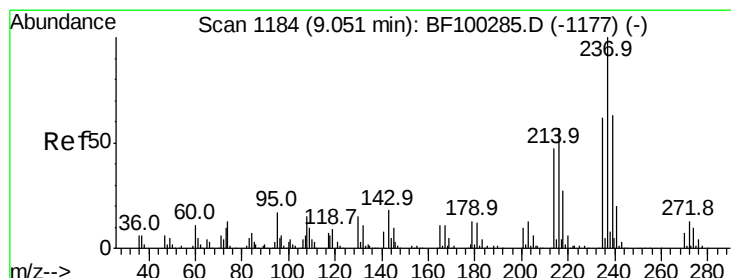
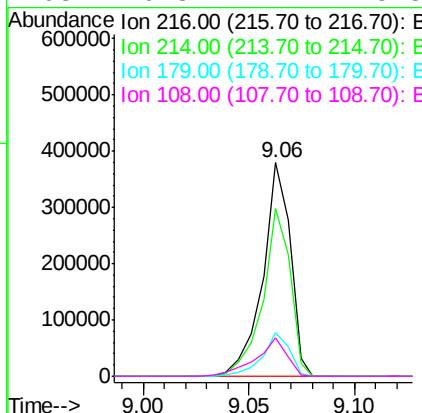
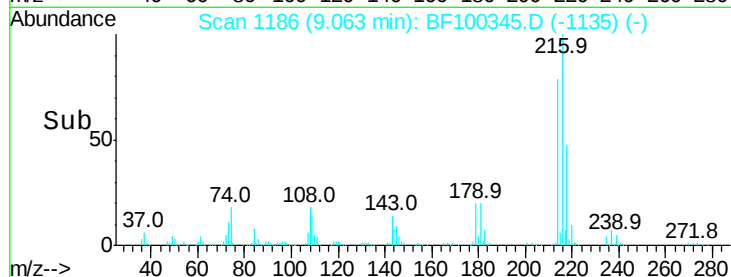
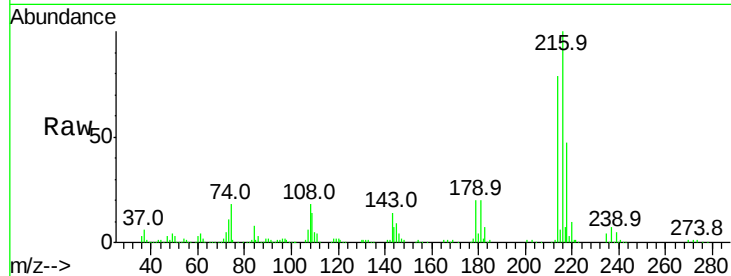
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.482 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.1	18.1	27.1
108	20.3	17.2	25.8

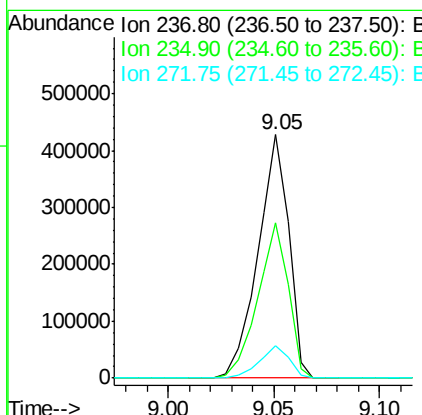
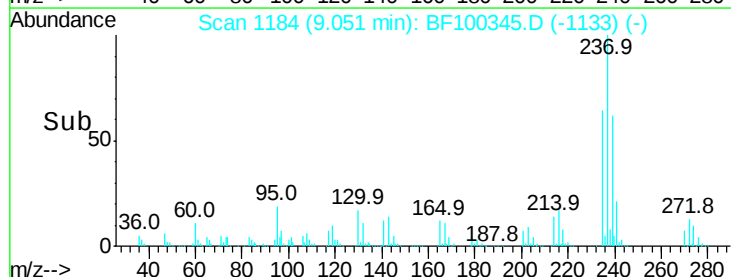
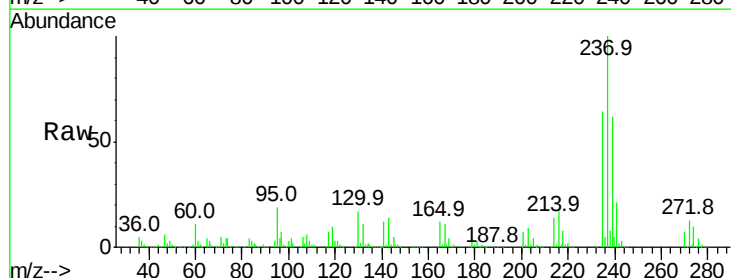
Manual Integrations
 APPROVED

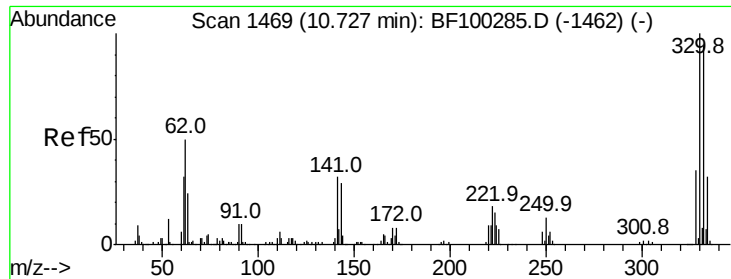
Sohil
 11/10/2017 1:15:04 PM



#40
 Hexachlorocyclopentadiene
 Concen: 99.798 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	44.8	84.8
272	13.2	0.0	33.3





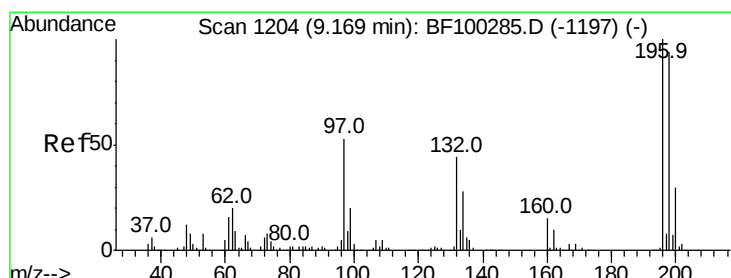
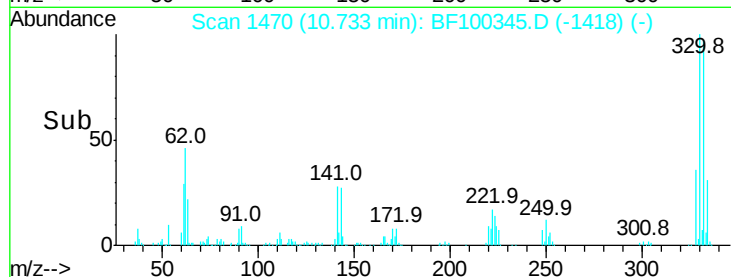
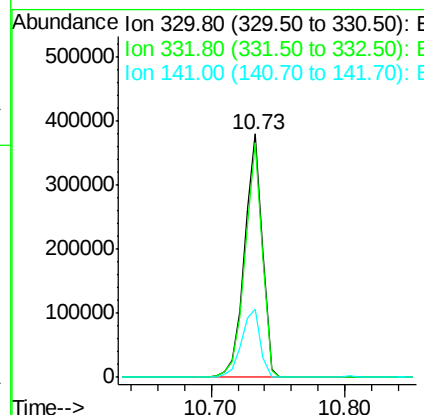
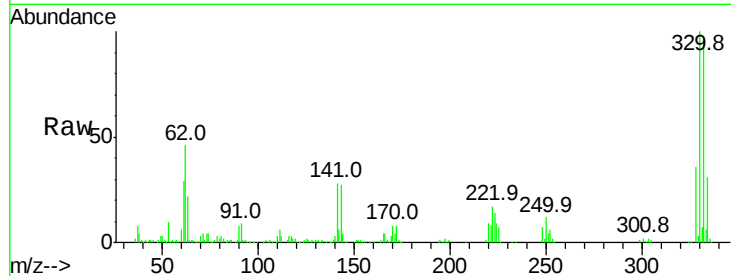
#41
 2,4,6-Tribromophenol
 Concen: 124.300 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.8	77.0	115.6	
141	29.9	29.9	44.9	

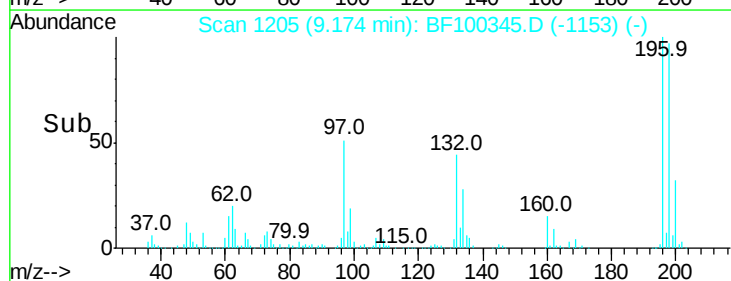
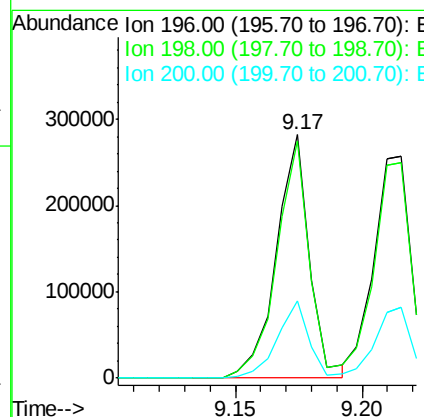
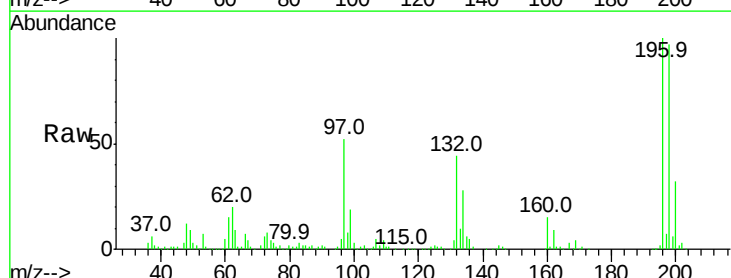
Manual Integrations
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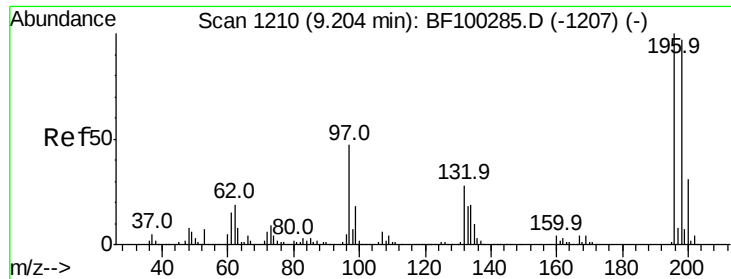
Sohil
 11/10/2017 1:15:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.268 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.5	75.7	113.5	
200	31.6	24.5	36.7	





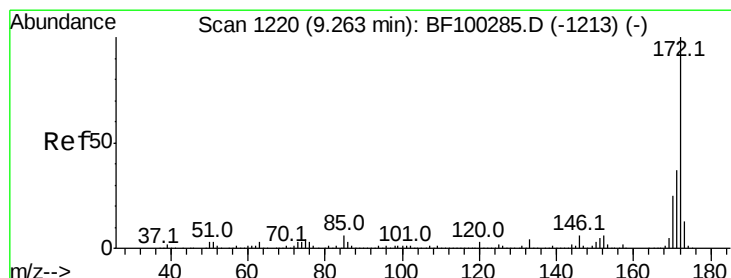
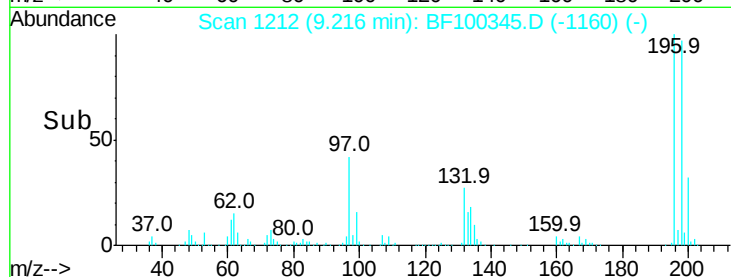
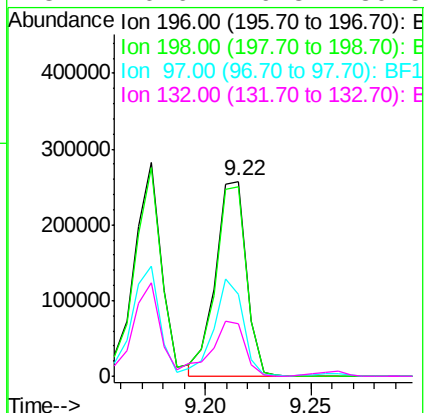
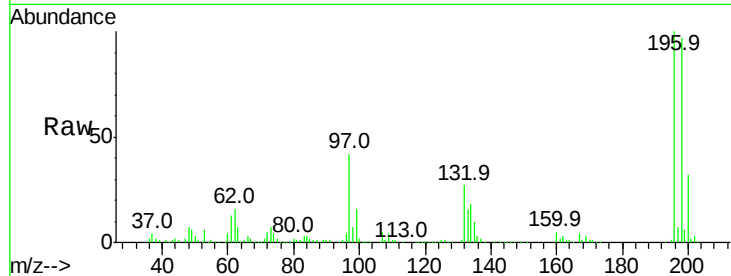
#43
 2,4,5-Trichlorophenol
 Concen: 43.428 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262483		
198	97.1	74.6	112.0	
97	42.1	42.9	64.3	
132	26.6	26.3	39.5	

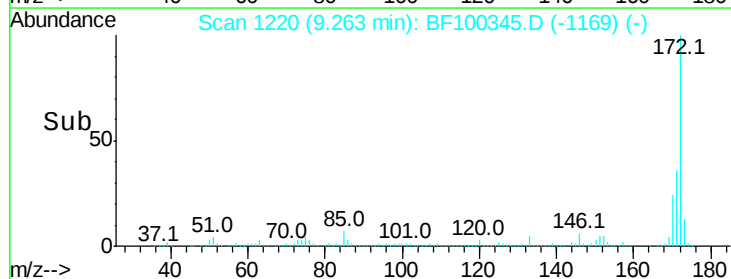
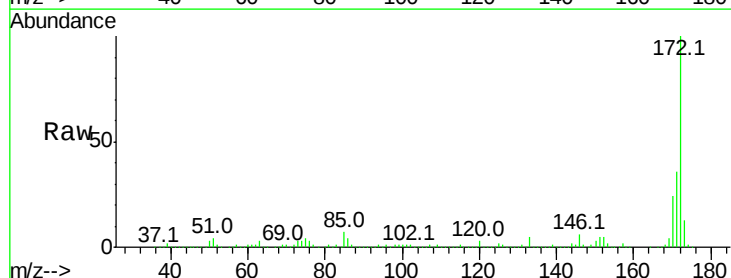
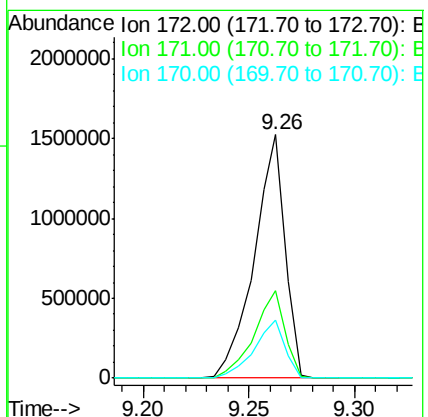
Manual Integrations
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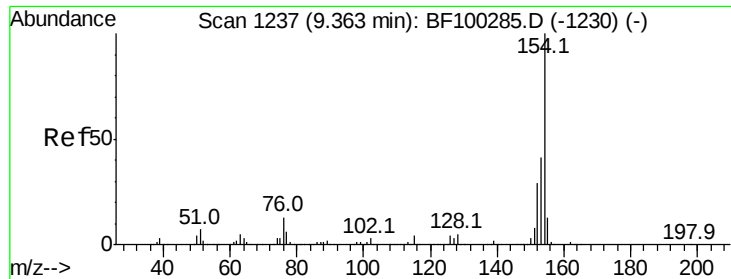
Sohil
 11/10/2017 1:15:04 PM



#44
 2-Fluorobiphenyl
 Concen: 84.884 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1547137		
171	35.9	29.7	44.5	
170	24.1	19.6	29.4	





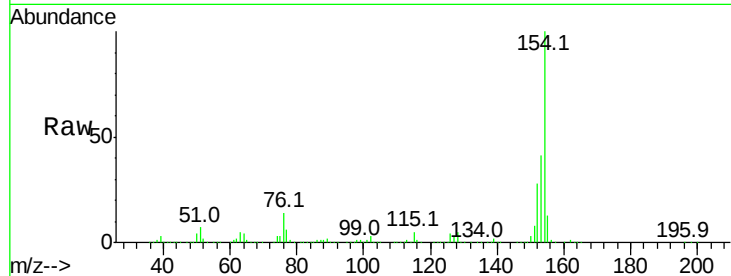
#45
1,1'-Biphenyl
Concen: 38.618 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampled :
PB103997BS

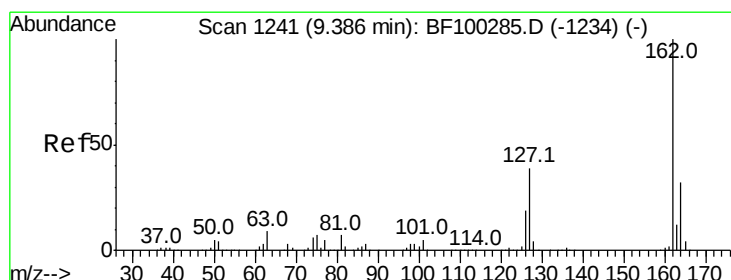
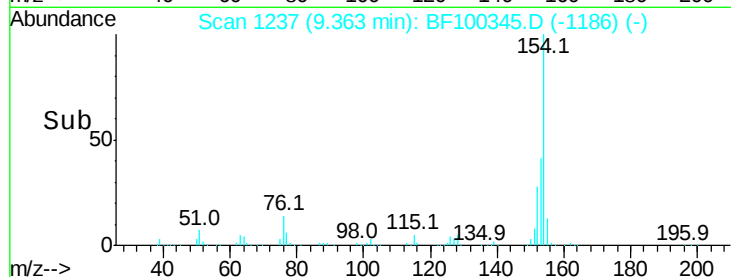
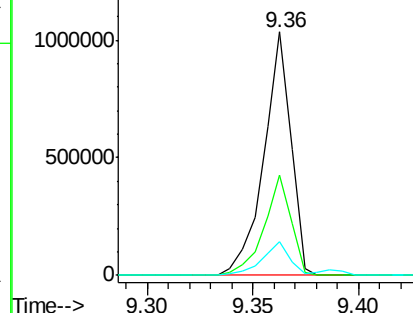
Tot Ion	154	Resp	926990
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.3	61.3
76	14.0	0.0	34.0

Manual Integrations
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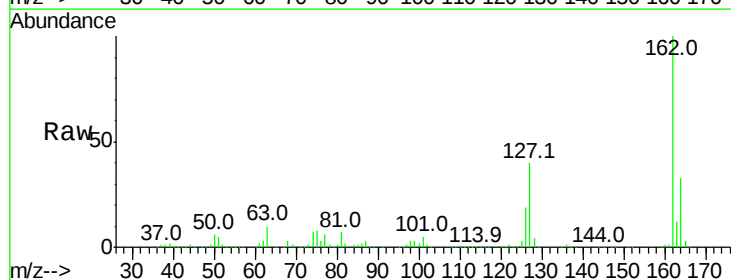


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

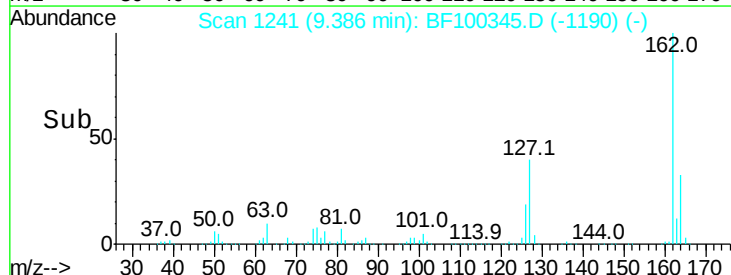
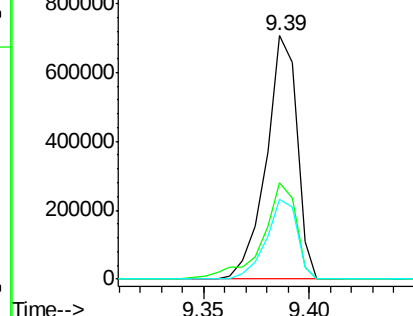


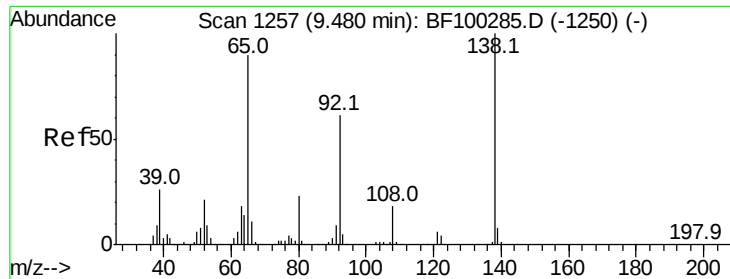
#46
2-Chloronaphthalene
Concen: 41.243 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	162	Resp	718214
Ion Ratio	Lower	Upper	
162	100		
127	39.7	33.9	50.9
164	32.6	26.5	39.7



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





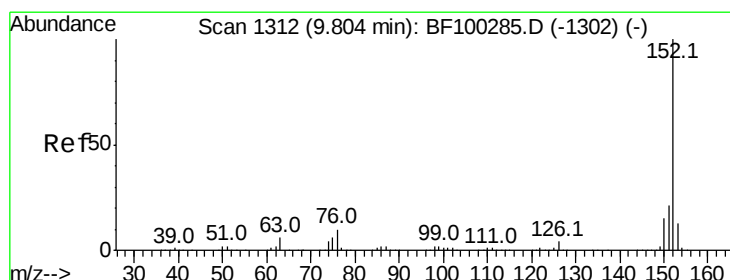
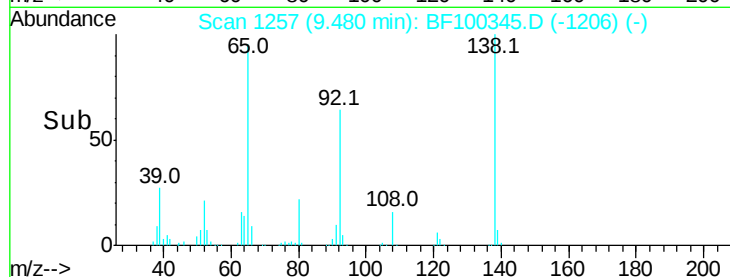
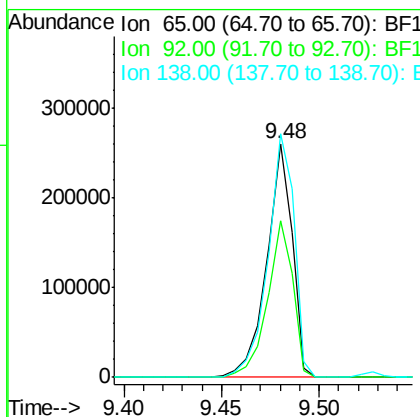
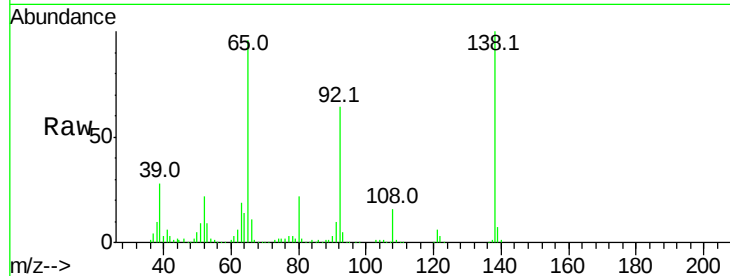
#47
2-Nitroaniline
Concen: 45.937 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.9	55.8	83.6
138	104.2	91.2	136.8

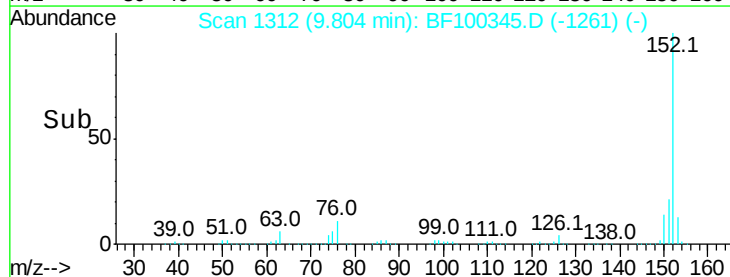
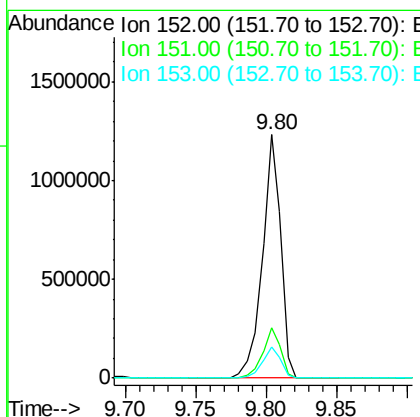
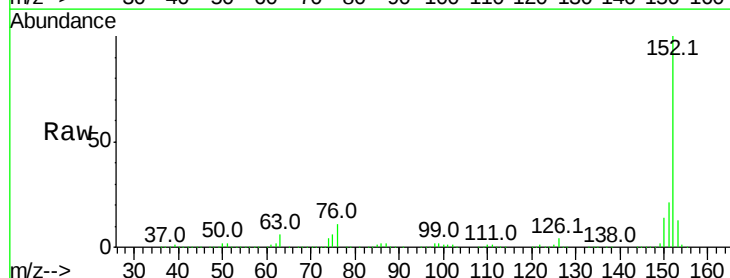
Manual Integrations
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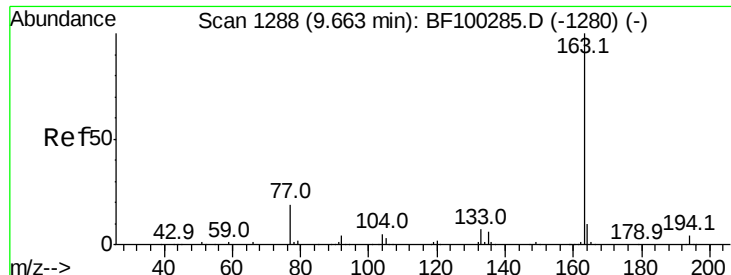
Sohil
11/10/2017 1:15:04 PM



#48
Acenaphthylene
Concen: 39.289 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.0	10.7	16.1





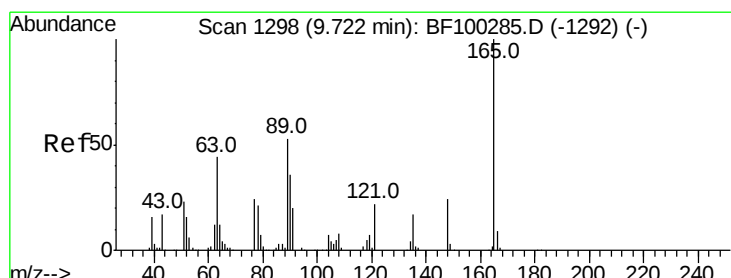
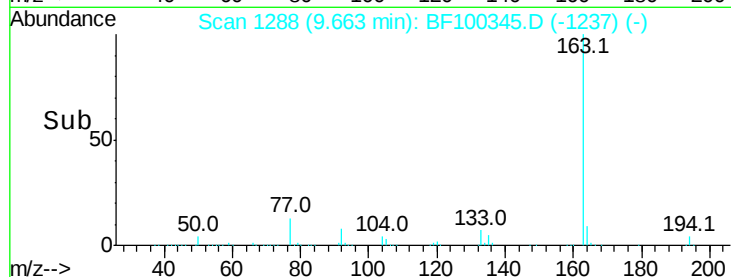
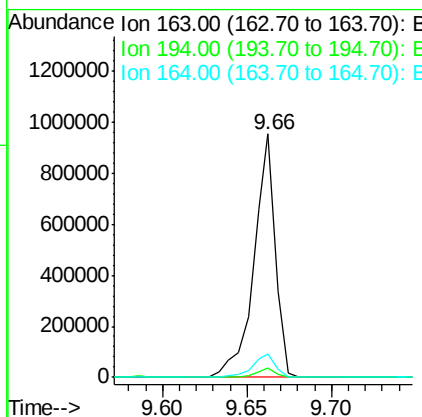
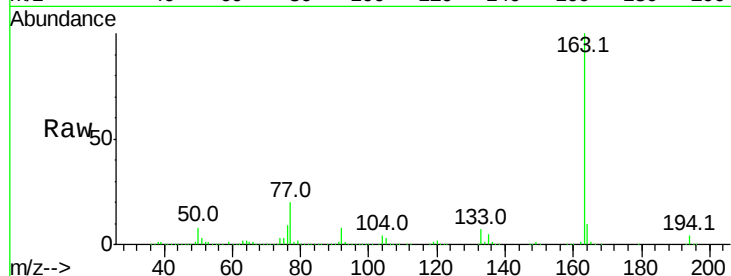
#49
Dimethylphthalate
Concen: 39.869 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	844831		
194	3.8	2.7	4.1	
164	9.8	8.2	12.2	

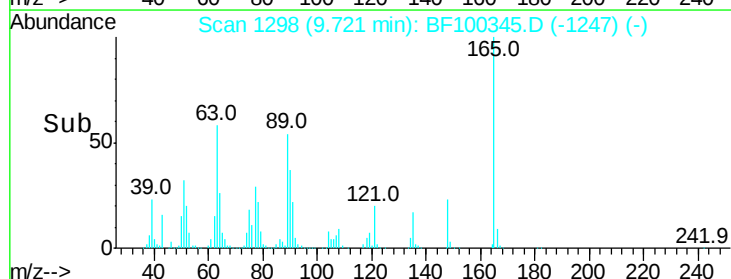
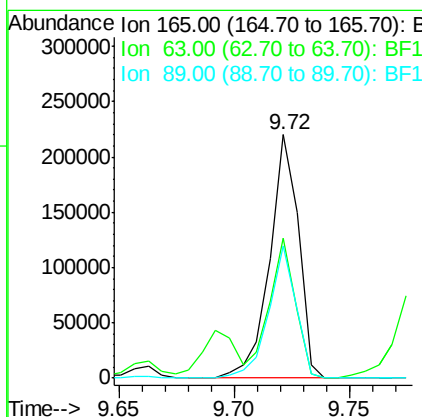
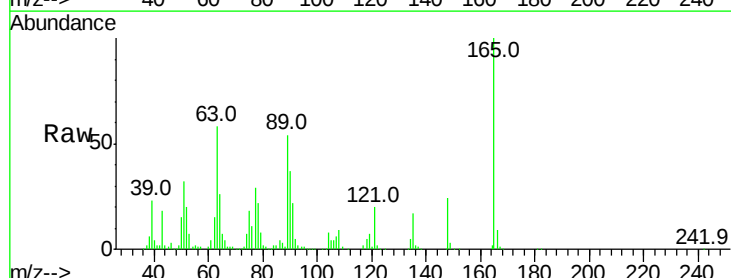
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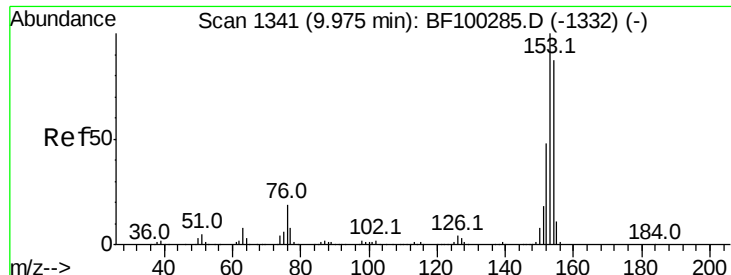
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.525 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	190955		
63	57.7	44.7	67.1	
89	54.3	44.0	66.0	





#51

Acenaphthene

Concen: 42.946 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

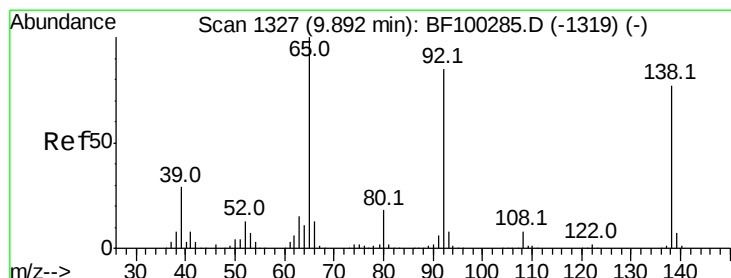
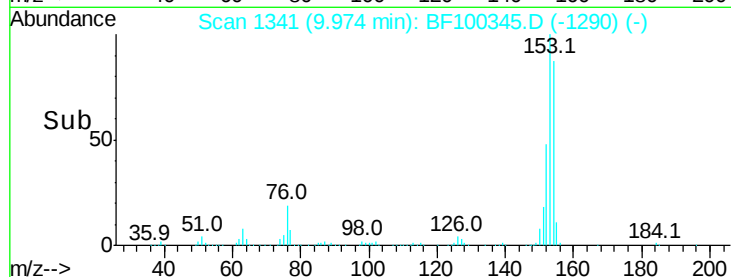
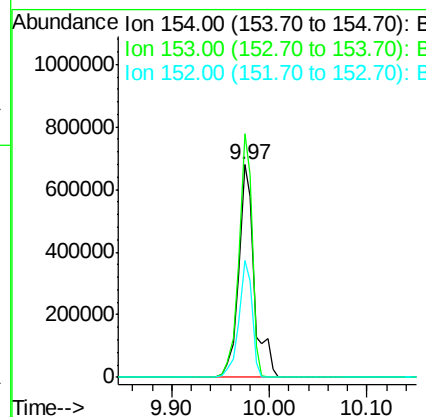
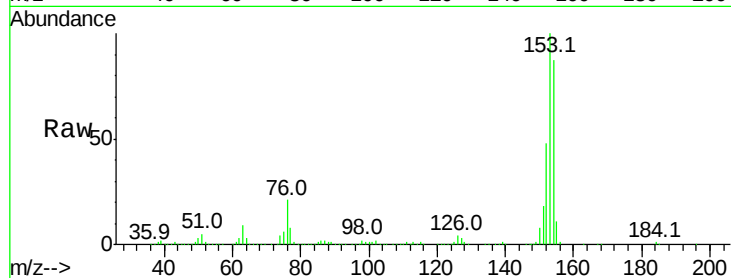
ClientSampleId :

PB103997BS

Tot Ion:	154	Resp:	753771
Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.2	136.8
152	55.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 23.465 ng

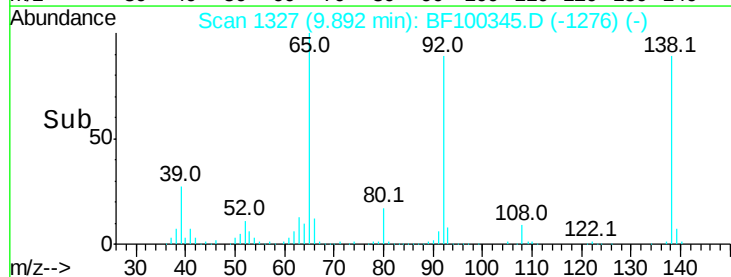
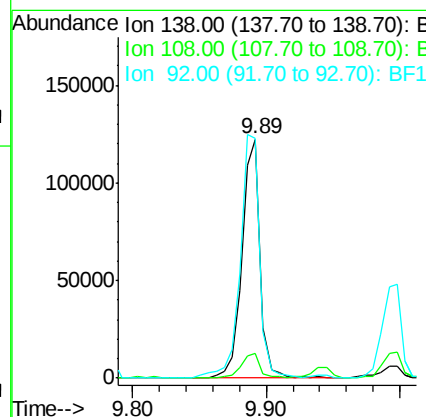
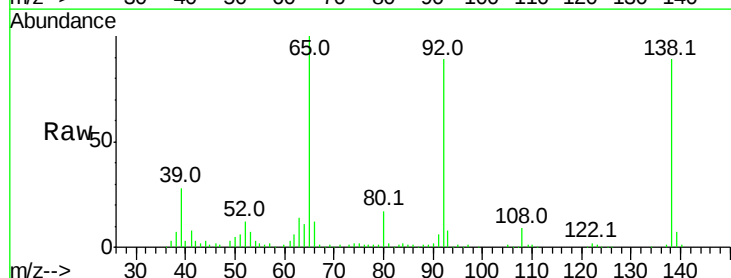
RT: 9.89 min Scan# 1327

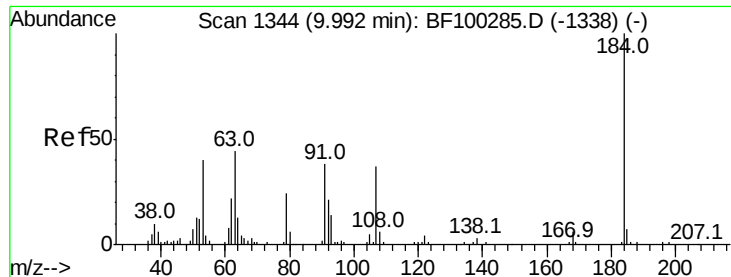
Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:	138	Resp:	116226
Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	100.7	89.4	134.2





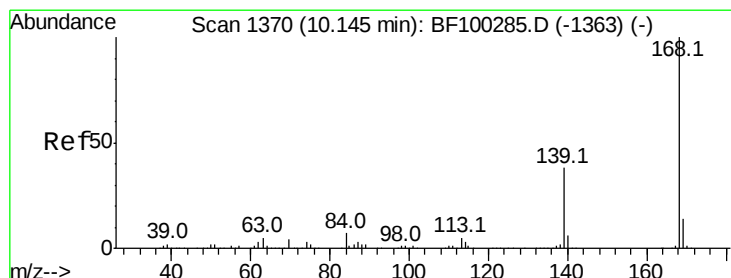
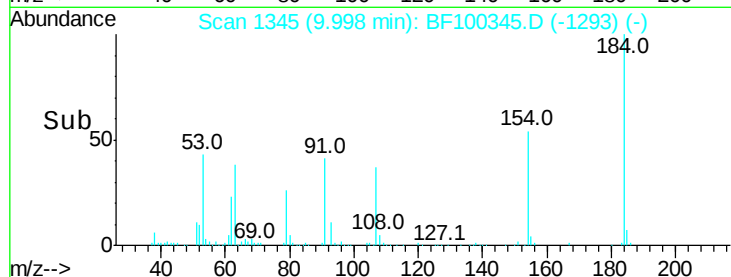
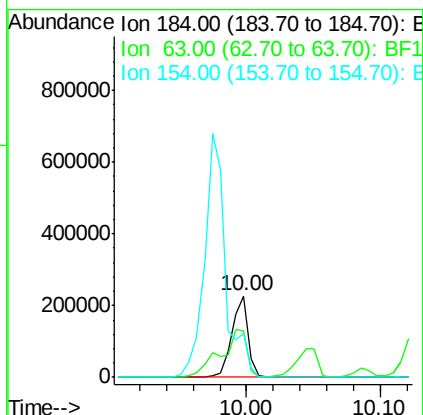
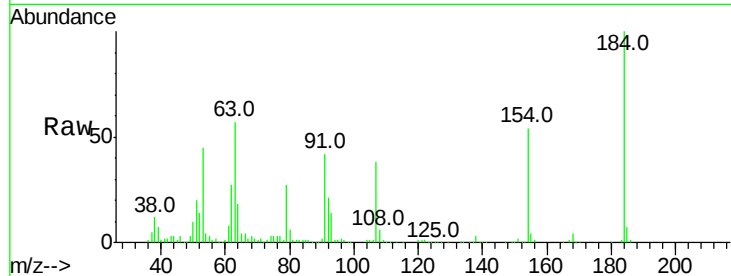
#53
 2,4-Dinitrophenol
 Concen: 96.570 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampled :
 PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	195490		
63	56.8	54.2	81.2	
154	54.5	184.0	276.0	

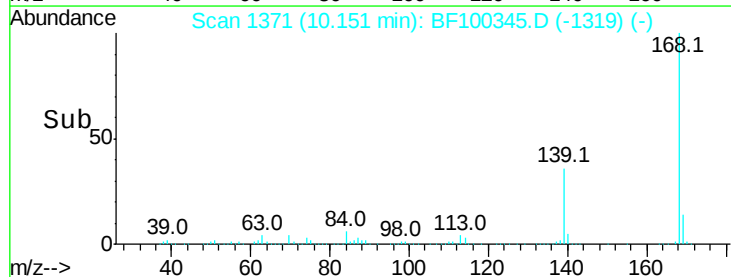
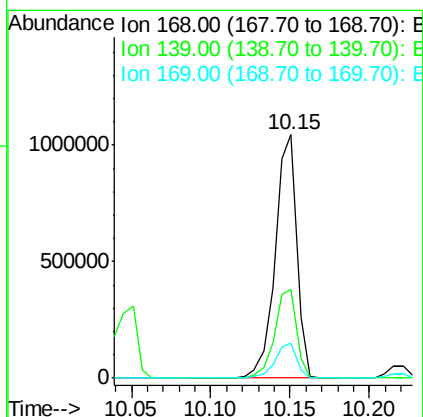
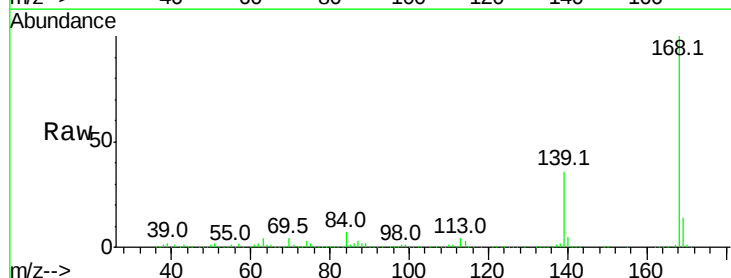
Manual Integrations
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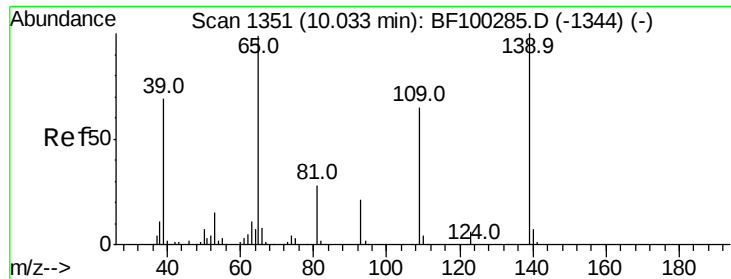
Sohil
 11/10/2017 1:15:04 PM



#54
 Dibenzofuran
 Concen: 40.156 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	987825		
139	36.3	30.1	45.1	
169	14.3	10.9	16.3	





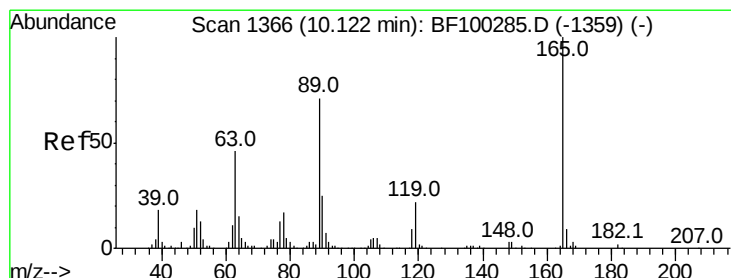
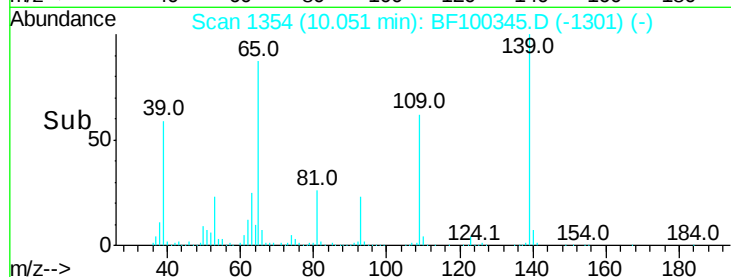
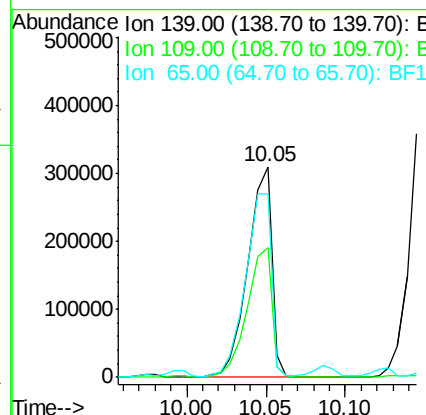
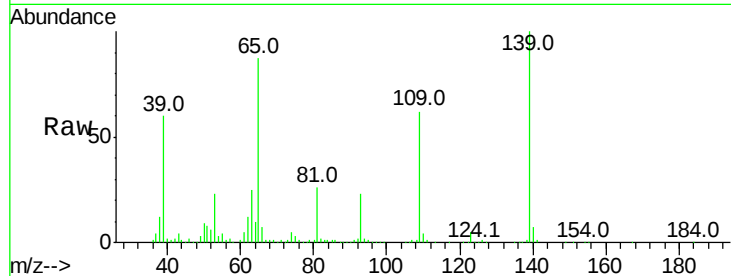
#55
4-Nitrophenol
Concen: 80.231 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	322676		
109	61.7	48.4	88.4	
65	87.0	72.6	112.6	

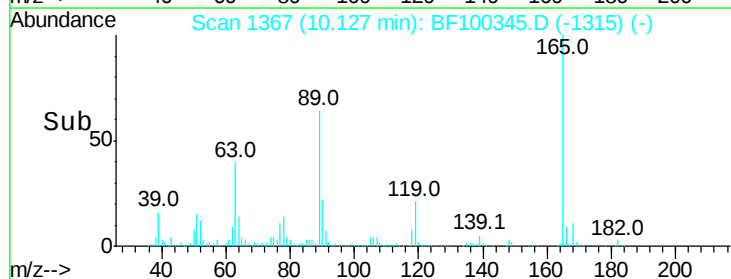
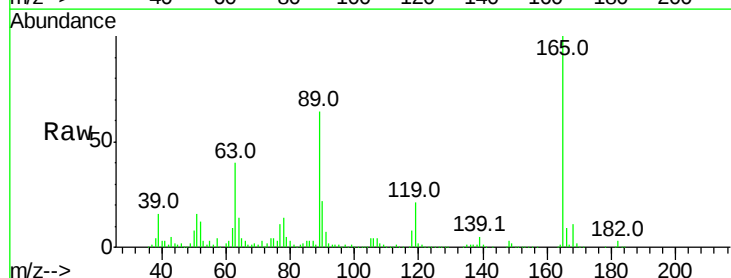
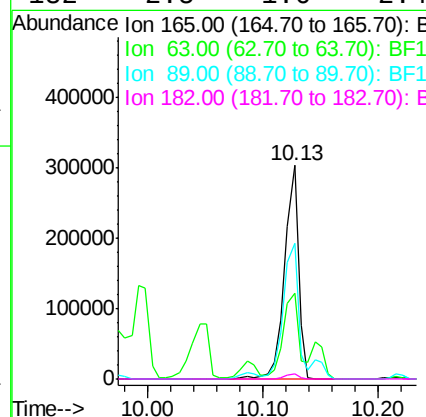
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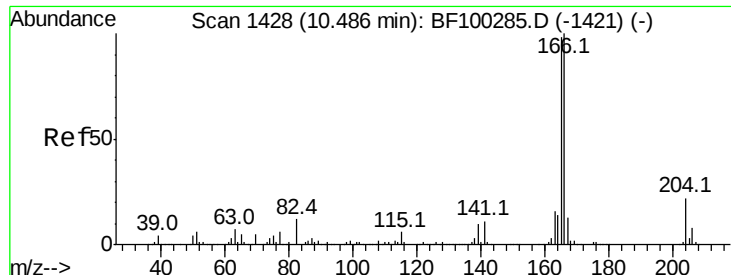
Sohil
11/10/2017 1:15:04 PM



#56
2,4-Dinitrotoluene
Concen: 48.807 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	258262		
63	40.1	36.4	54.6	
89	63.6	57.8	86.6	
182	2.5	1.6	2.4	#





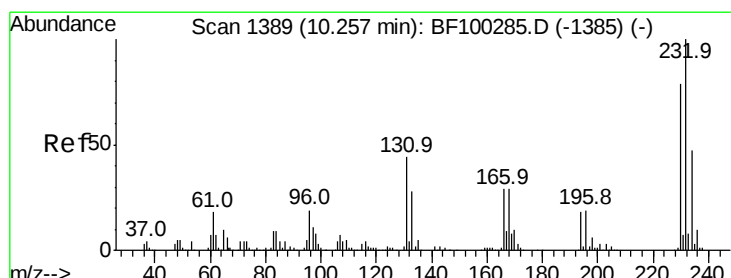
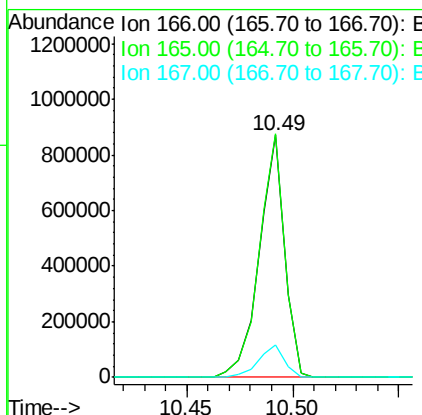
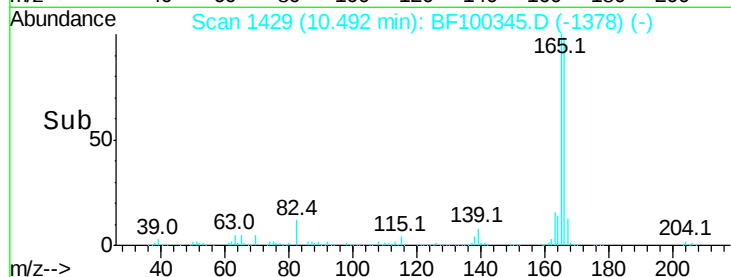
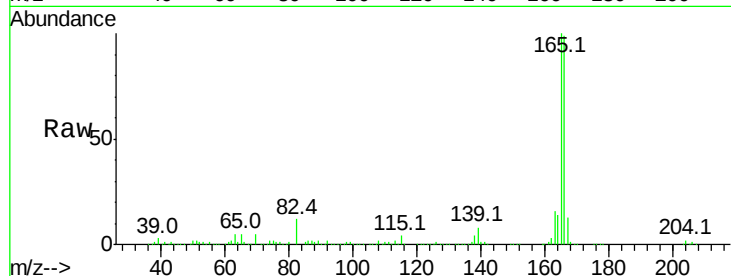
#57
 Fluorene
 Concen: 40.350 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.6	79.8	119.8	
167	13.5	10.6	16.0	

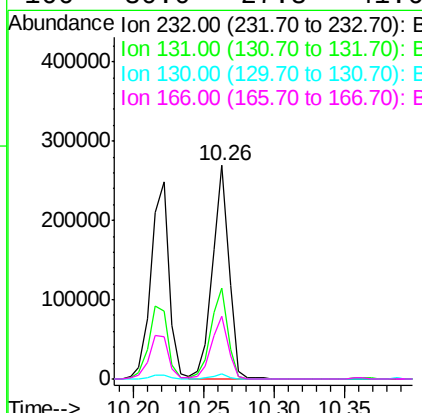
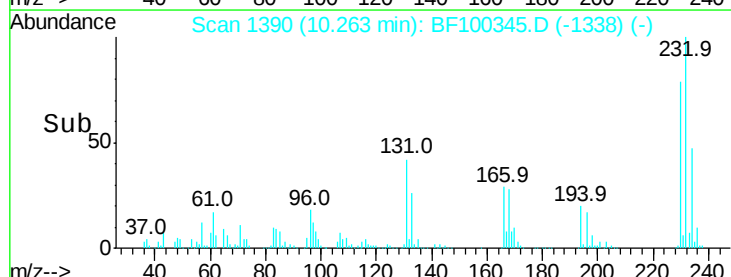
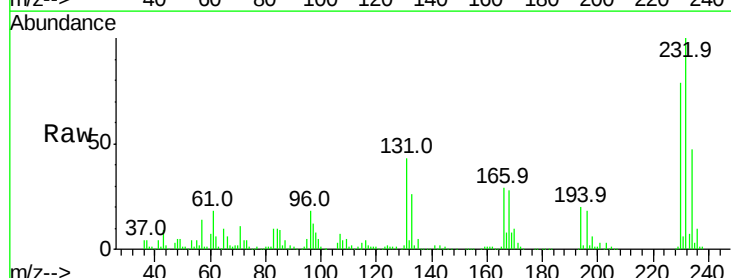
Manual Integrations
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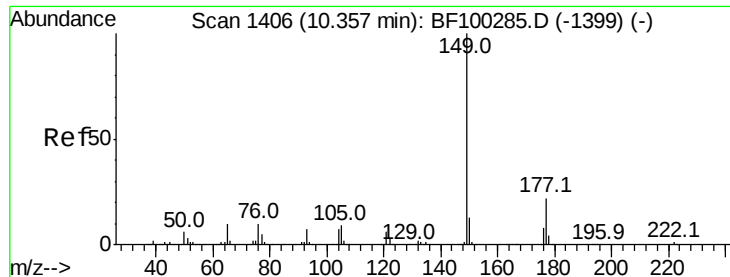
Sohil
 11/10/2017 1:15:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.303 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.2	43.8	65.8	
130	2.1	2.1	3.1	
166	30.0	27.8	41.6	





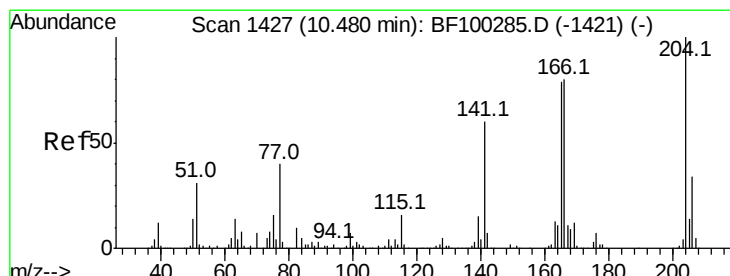
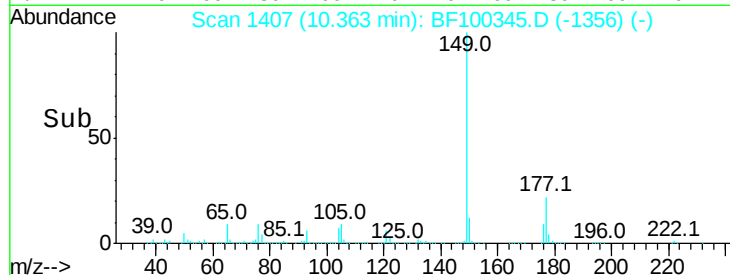
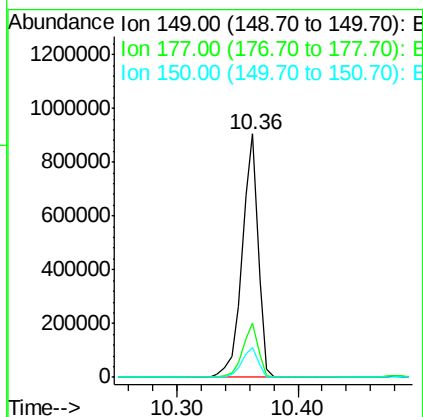
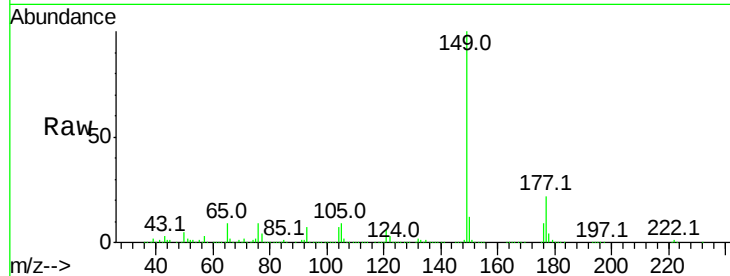
#59
Diethylphthalate
Concen: 39.240 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.2	10.1	15.1

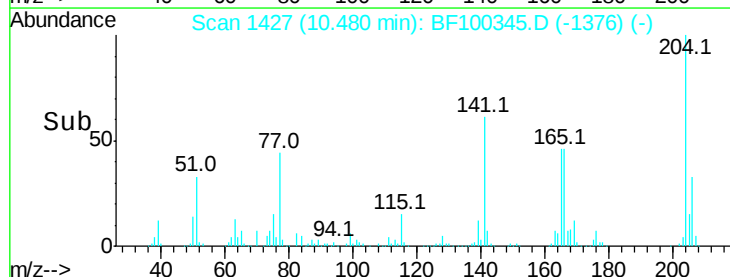
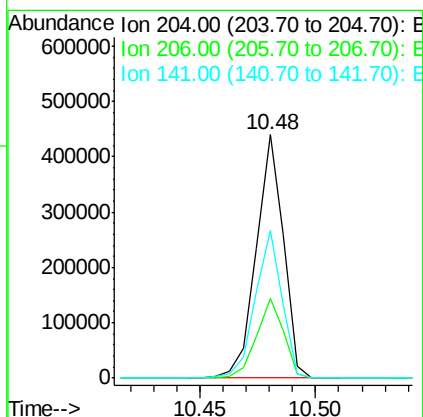
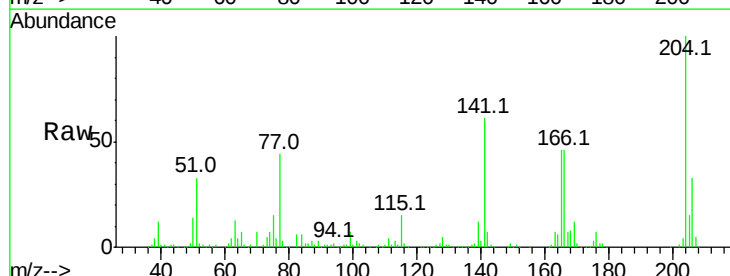
Manual Integrations
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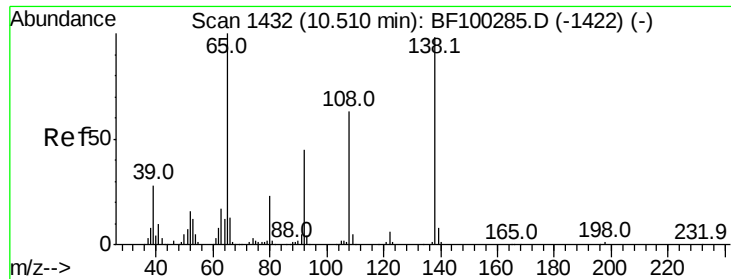
Sohil
11/10/2017 1:15:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.882 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	60.7	54.6	81.8





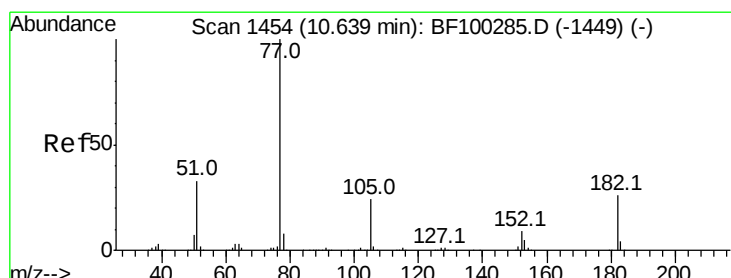
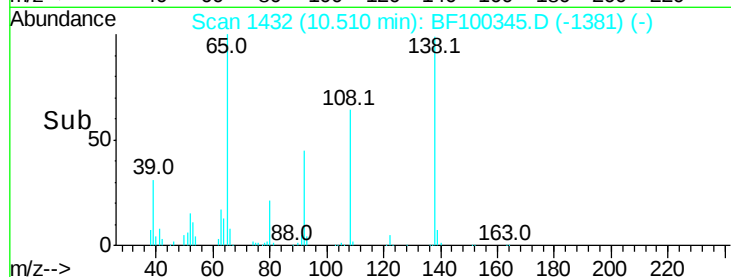
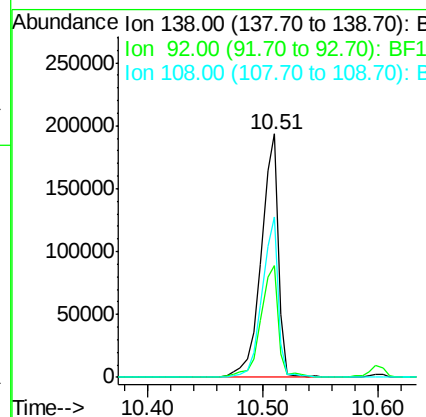
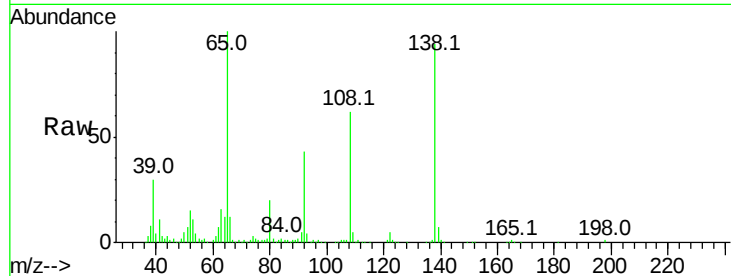
#61
4-Nitroaniline
Concen: 42.960 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampled :
PB103997BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.7	30.2	70.2
108	66.1	52.5	92.5

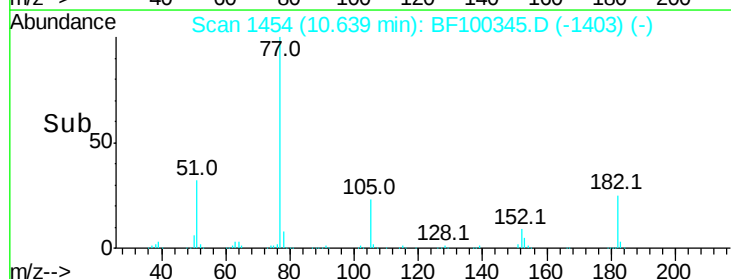
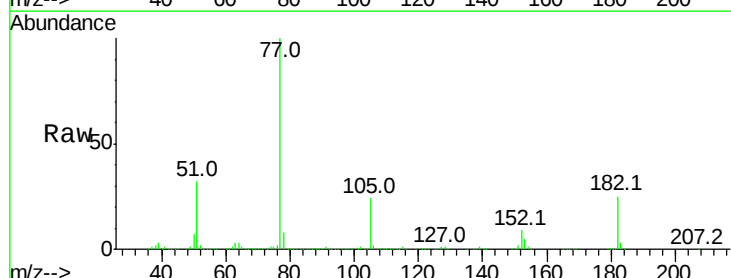
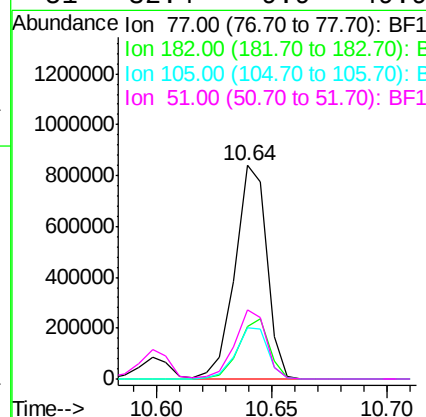
Manual Integrations
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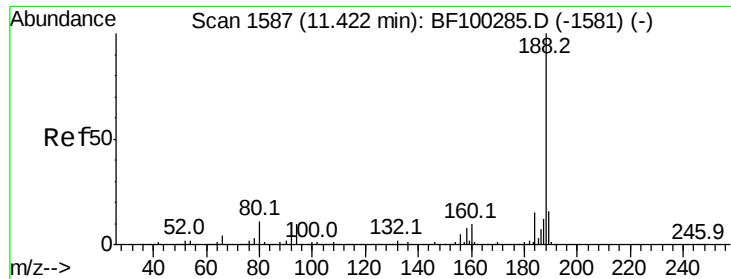
Sohil
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#62
Azobenzene
Concen: 40.307 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	1.7	41.7
105	23.8	3.0	43.0
51	32.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

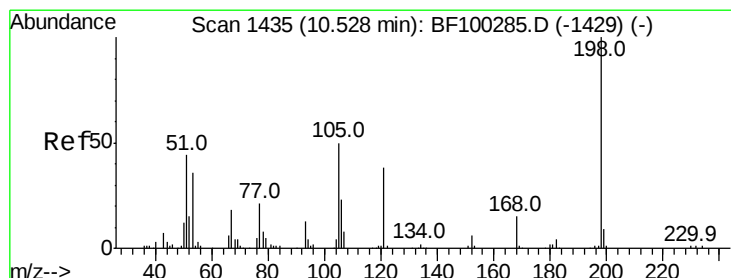
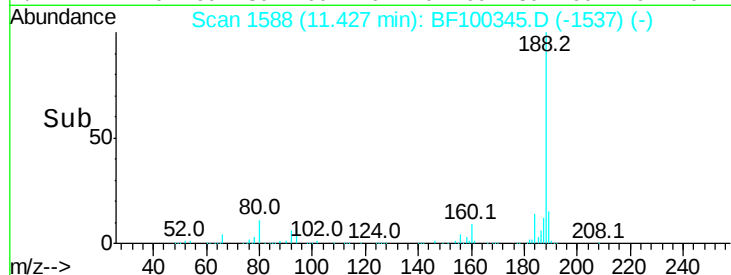
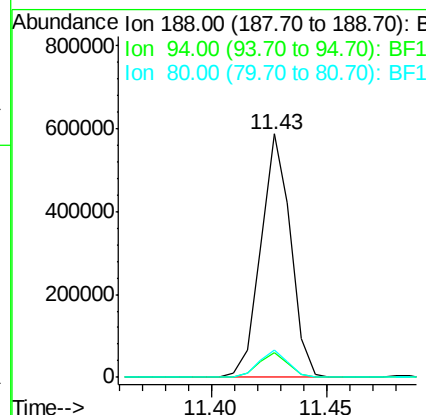
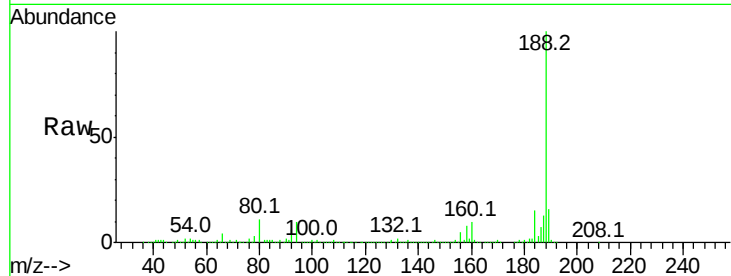
ClientSampleId :

PB103997BS

Tot Ion:188	Resp: 530352
Ion Ratio	Lower Upper
188 100	
94 10.3	8.5 12.7
80 11.3	9.2 13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 46.556 ng

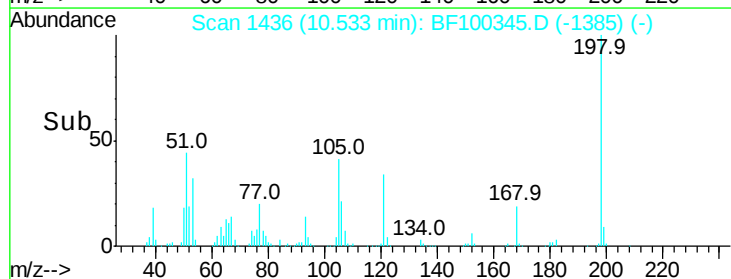
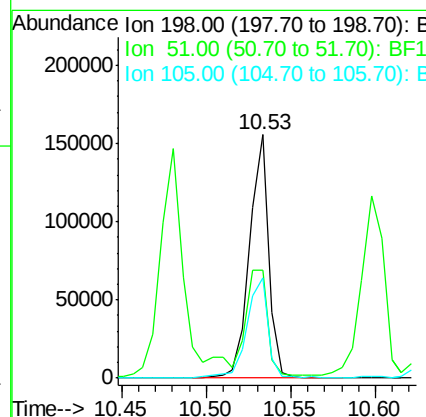
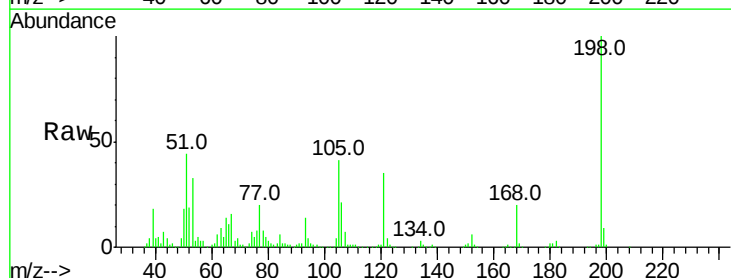
RT: 10.53 min Scan# 1436

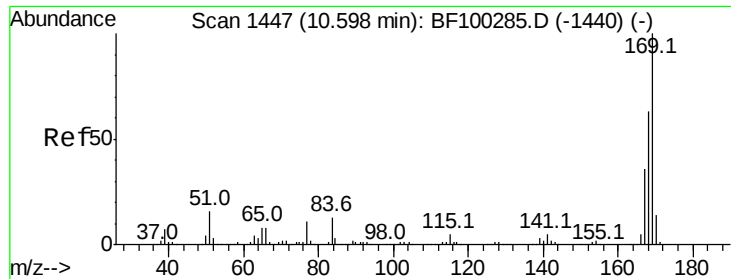
Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:198	Resp: 123827
Ion Ratio	Lower Upper
198 100	
51 44.5	37.7 77.7
105 41.3	36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.767 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

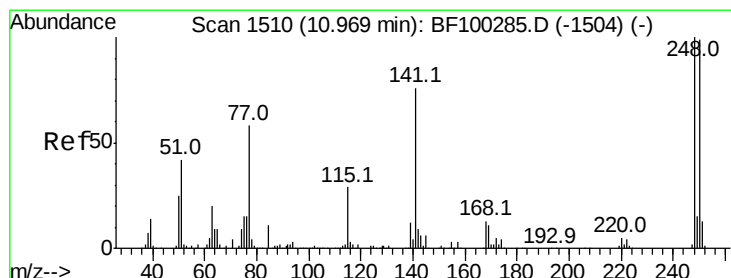
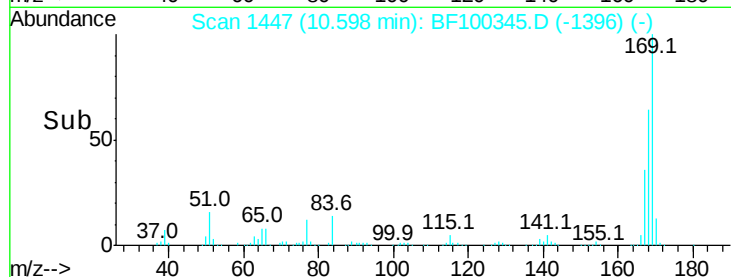
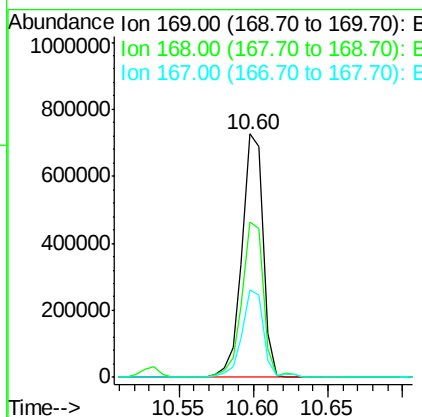
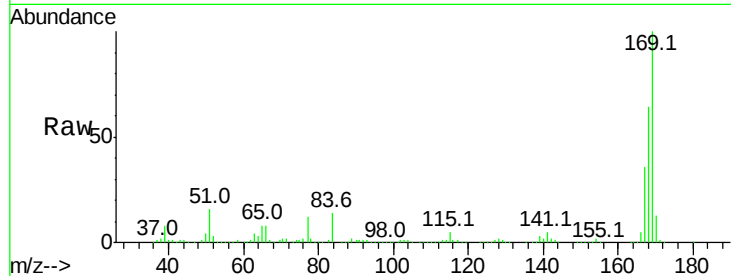
ClientSampleId :

PB103997BS

Tot Ion:	169	Resp:	714901
Ion Ratio	Lower	Upper	
169	100		
168	63.8	54.4	81.6
167	35.9	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 42.143 ng

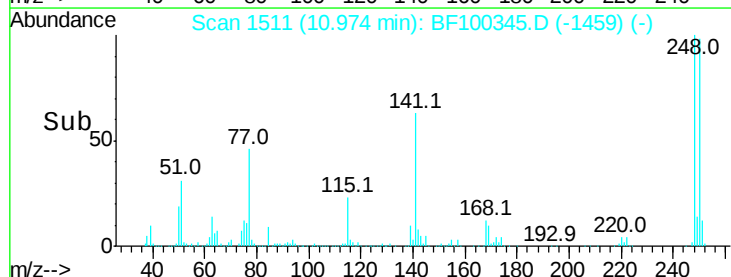
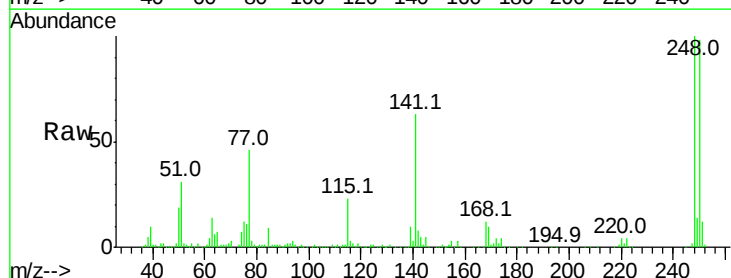
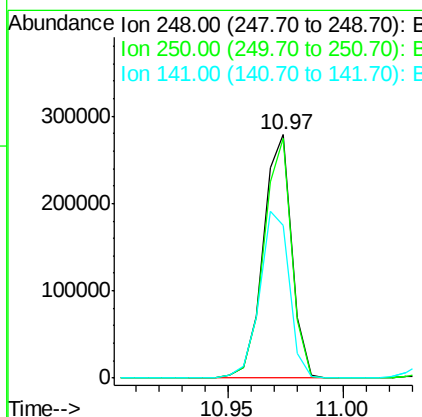
RT: 10.97 min Scan# 1511

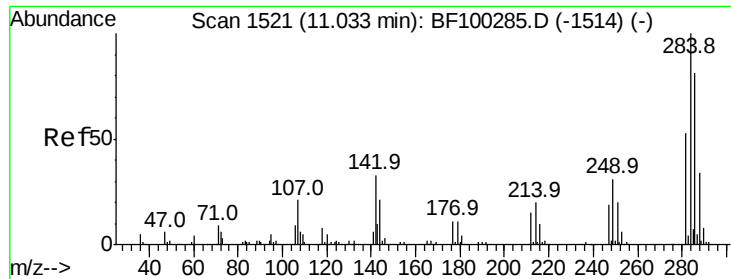
Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:	248	Resp:	239593
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.9	115.3
141	62.7	74.4	111.6#





#67

Hexachlorobenzene

Concen: 41.528 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

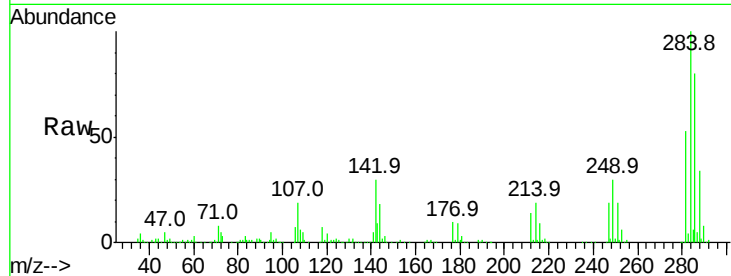
ClientSampleId :

PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	246933		
142	30.0	34.6	52.0#	
249	29.9	24.8	37.2	

Manual Integrations
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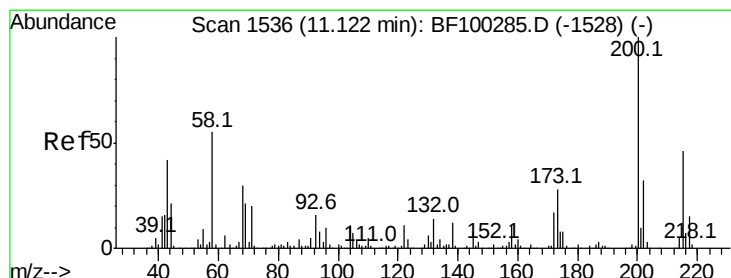
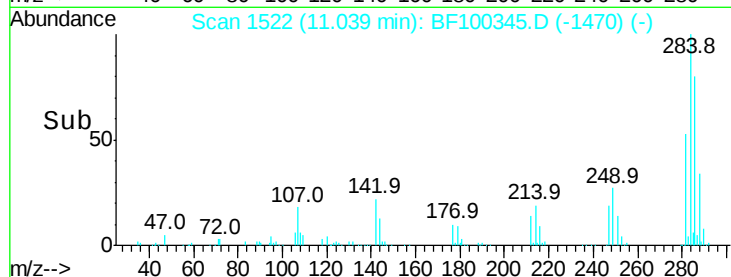
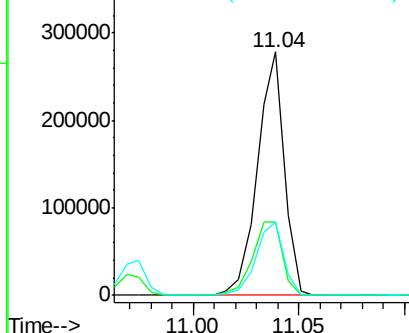
Sohil
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.875 ng

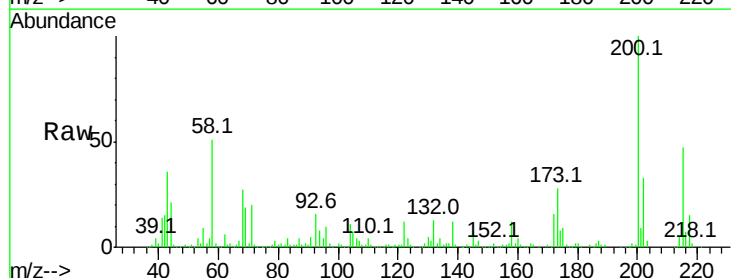
RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

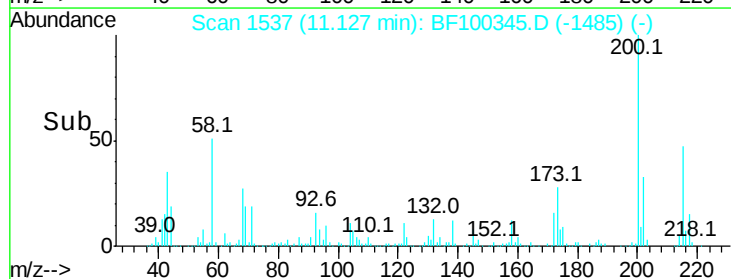
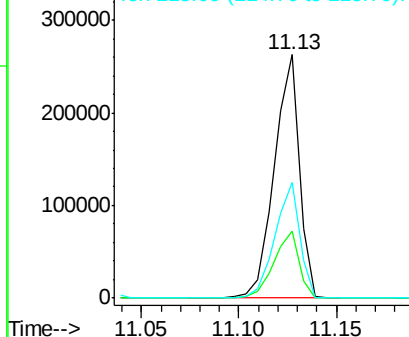
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	233750		
173	27.6	8.6	48.6	
215	47.3	25.1	65.1	

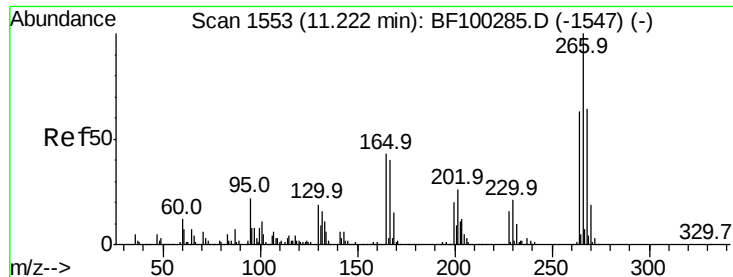


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





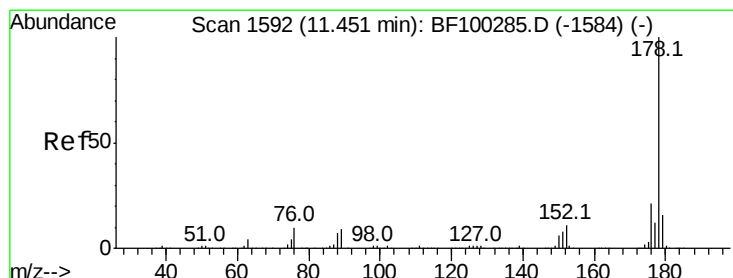
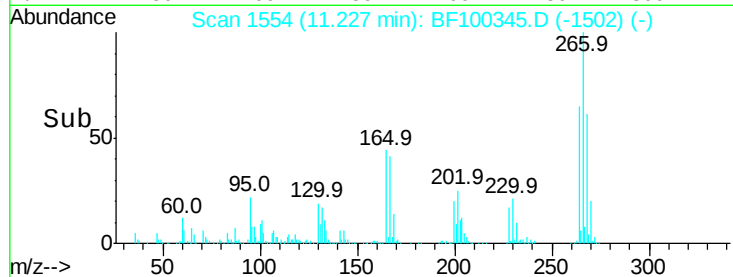
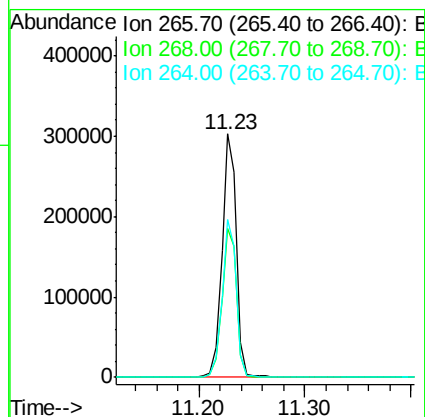
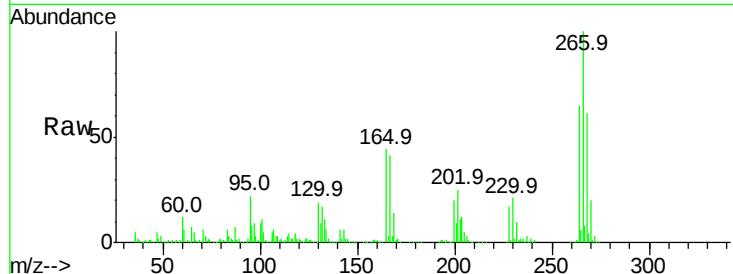
#69
 Pentachlorophenol
 Concen: 67.848 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	289287		
268	61.1	51.1	76.7	
264	64.8	49.5	74.3	

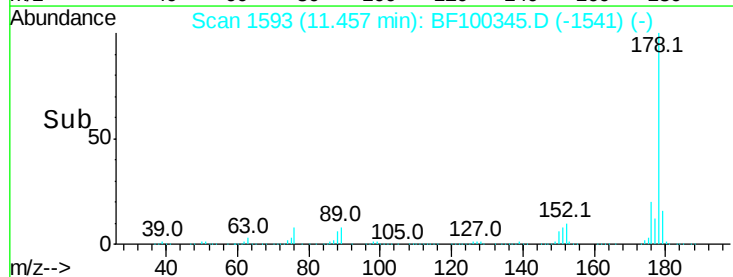
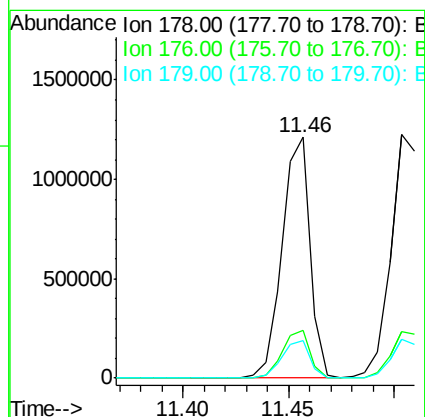
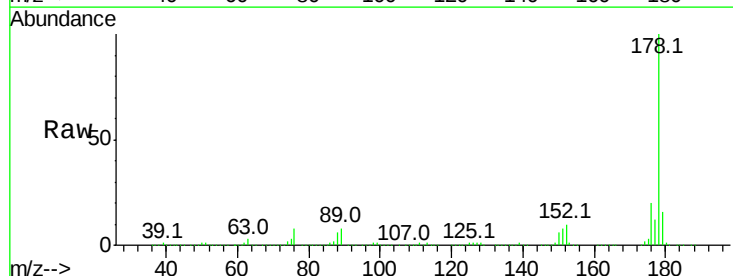
Manual Integrations
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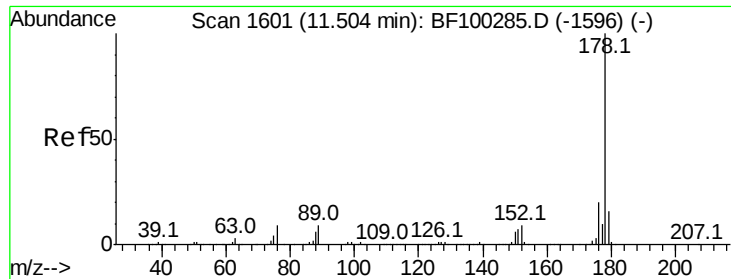
Sohil
 11/10/2017 1:15:04 PM



#70
 Phenanthrene
 Concen: 39.926 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1114888		
176	19.9	15.8	23.8	
179	15.6	13.0	19.6	





#71
 Anthracene
 Concen: 41.160 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

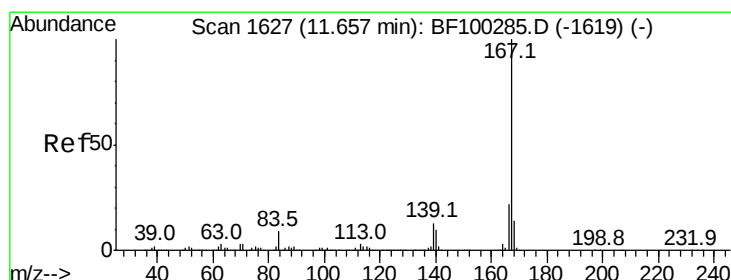
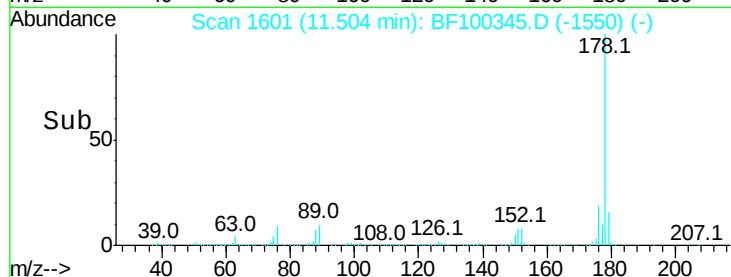
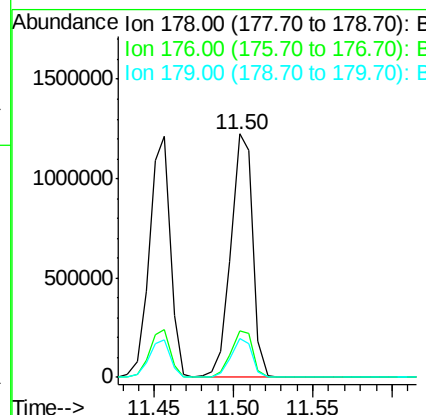
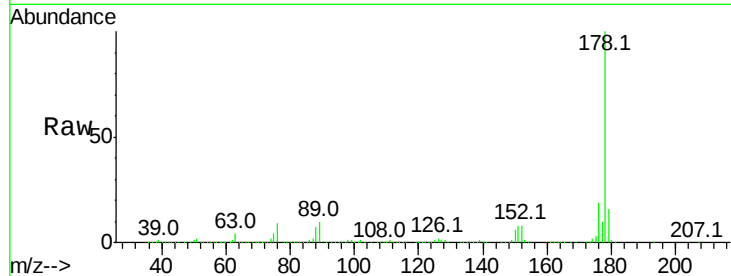
Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion:178 Resp: 1166064

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.1	12.6	19.0

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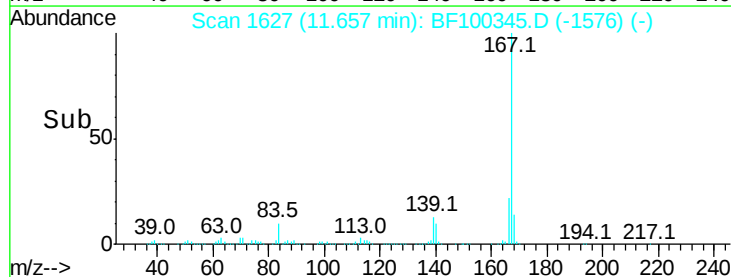
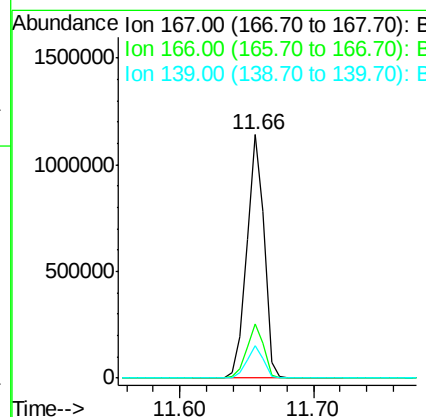
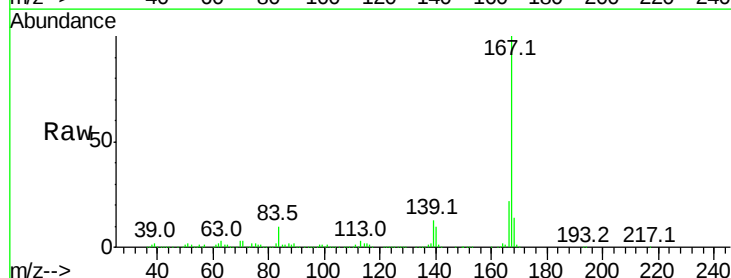
Sohil
 11/10/2017 1:15:04 PM

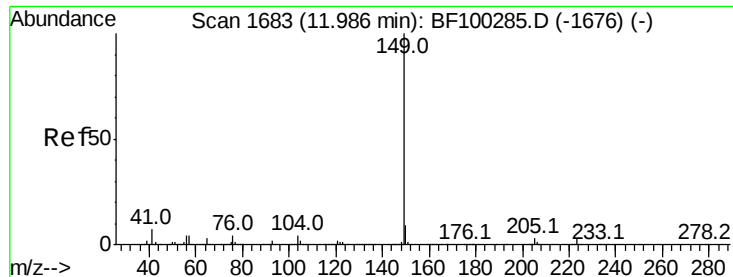


#72
 Carbazole
 Concen: 38.979 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:167 Resp: 1018925

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.299 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

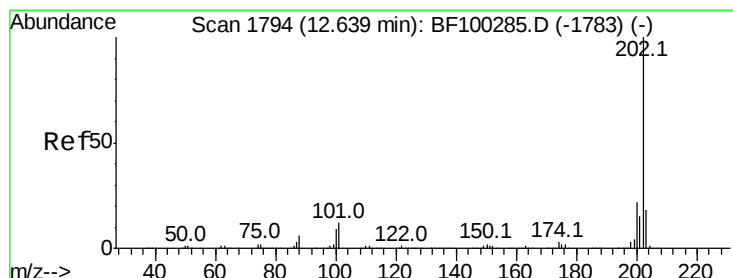
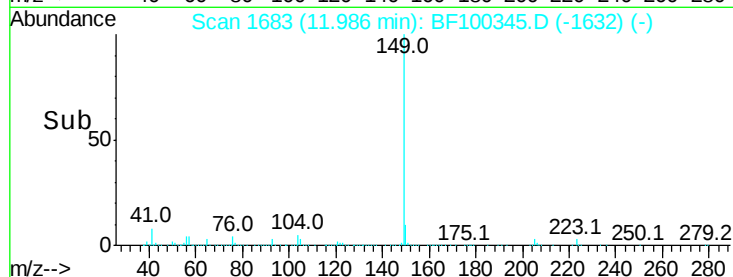
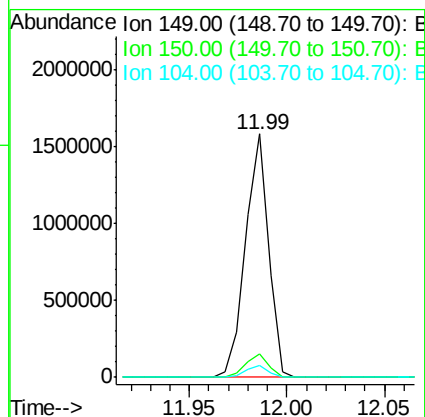
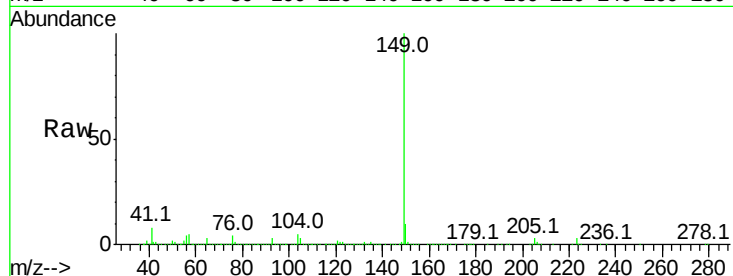
PB103997BS

Tot Ion:149 Resp: 1293940

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 38.946 ng

RT: 12.64 min Scan# 1794

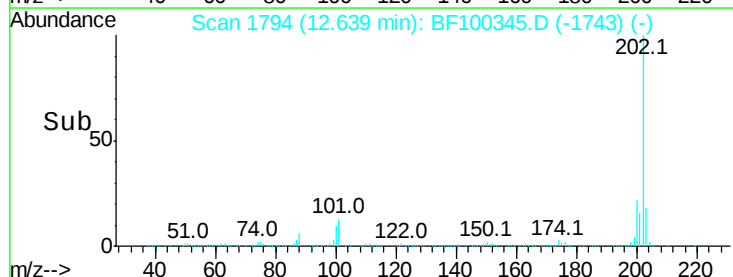
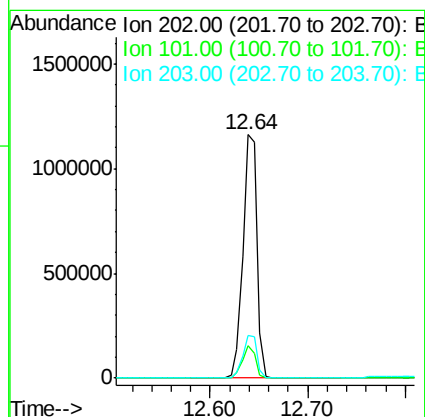
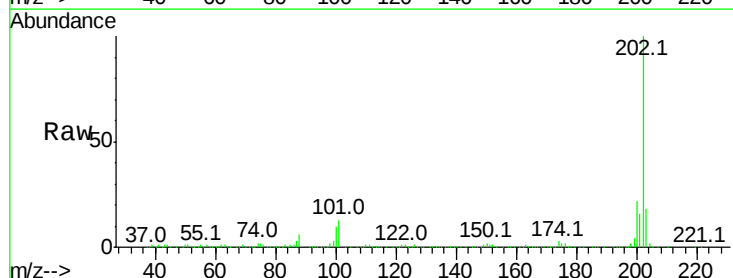
Delta R.T. -0.00 min

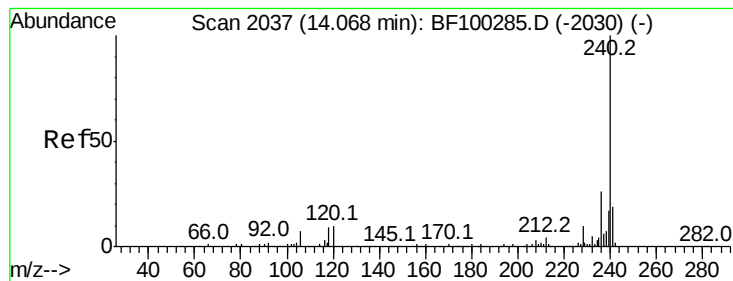
Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:202 Resp: 1152573

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.6	0.0	38.1





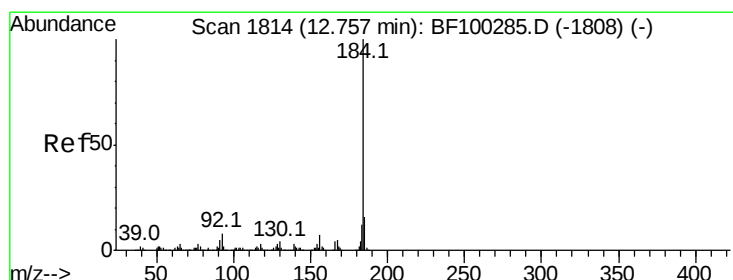
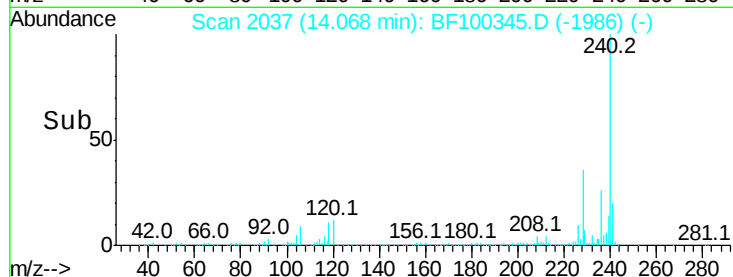
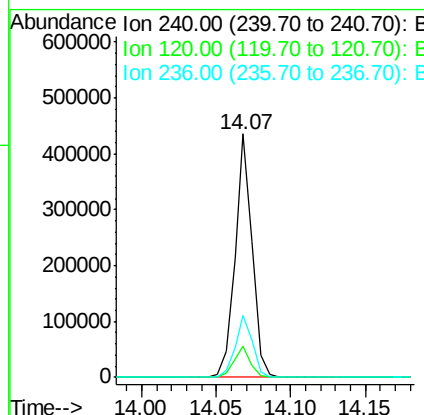
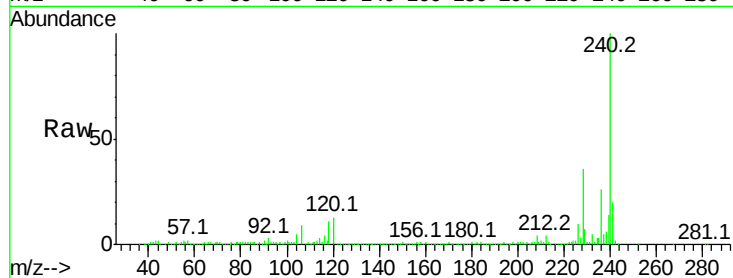
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.7	20.7	31.1

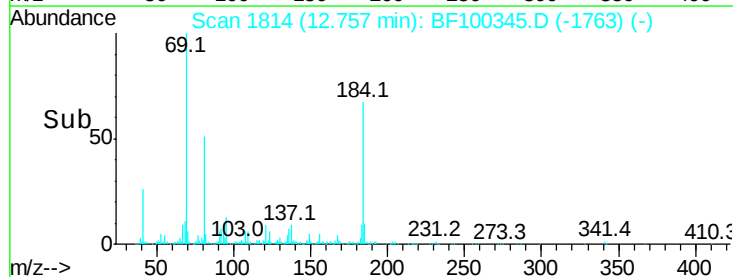
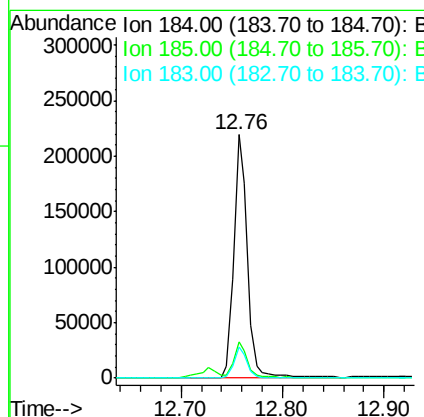
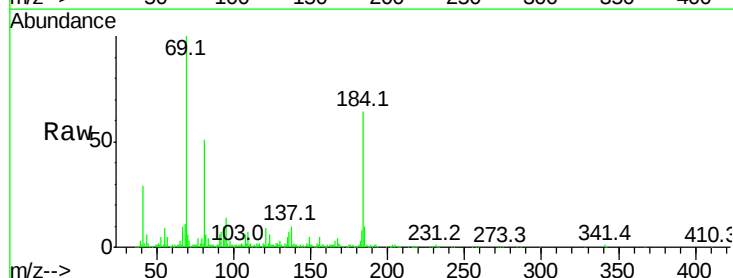
Manual Integrations
APPROVED

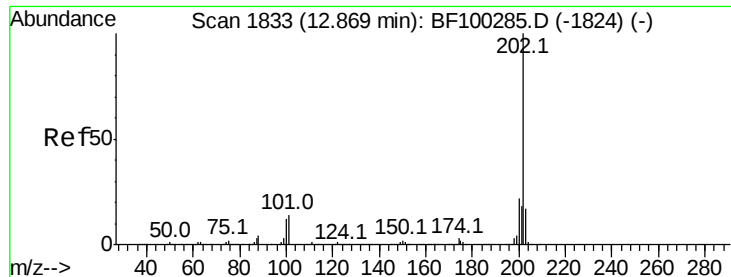
Sohil
11/10/2017 1:15:04 PM



#76
Benzidine
Concen: 14.643 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.7	9.3	13.9





#77

Pvrene

Concen: 46.965 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

PB103997BS

Tot Ion:202 Resp: 1175875

Ion Ratio Lower Upper

202 100

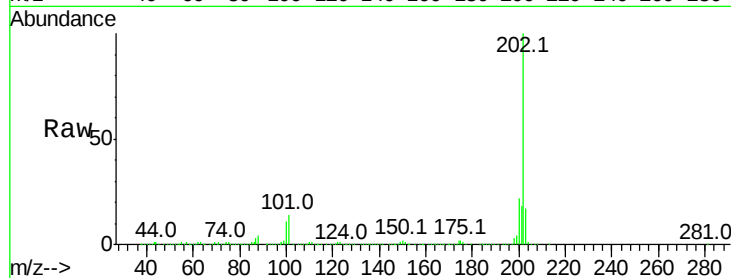
200 22.0 17.4 26.2

203 17.3 14.3 21.5

Manual Integrations
APPROVED

Sohil

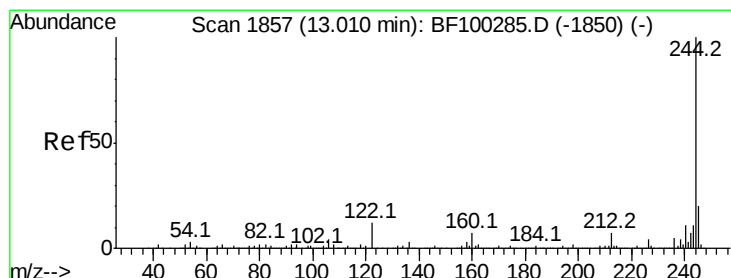
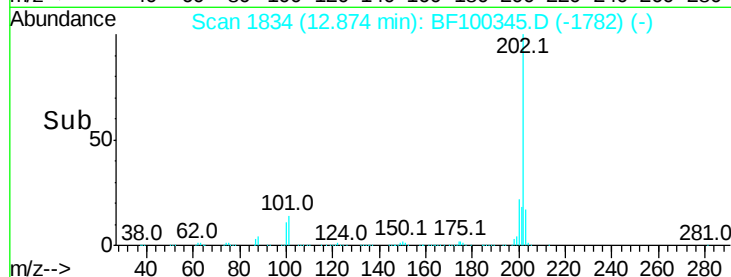
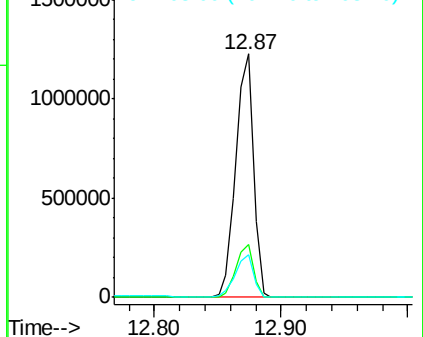
11/10/2017 1:15:04 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.329 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:244 Resp: 1396070

Ion Ratio Lower Upper

244 100

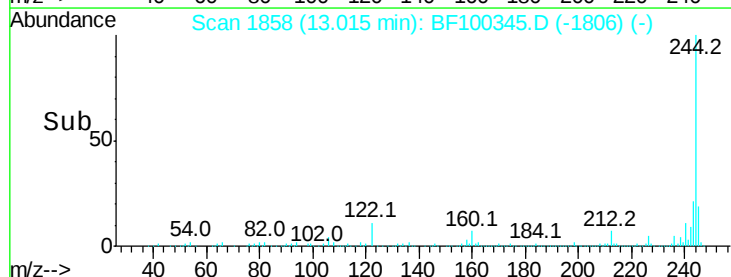
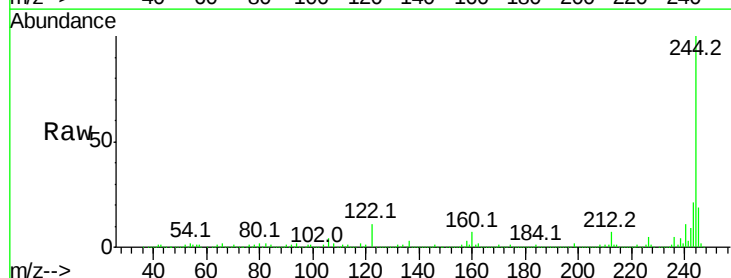
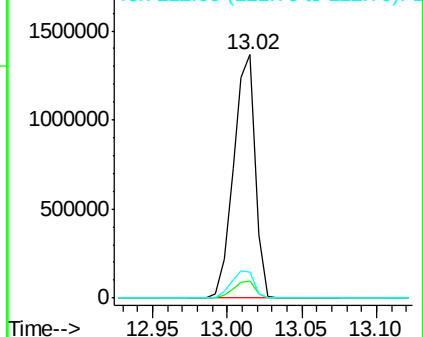
212 7.1 5.4 8.0

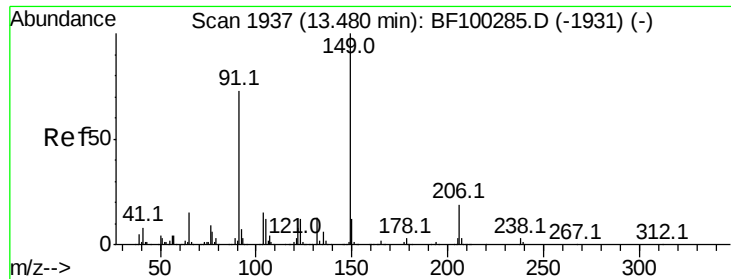
122 10.6 11.0 16.4#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





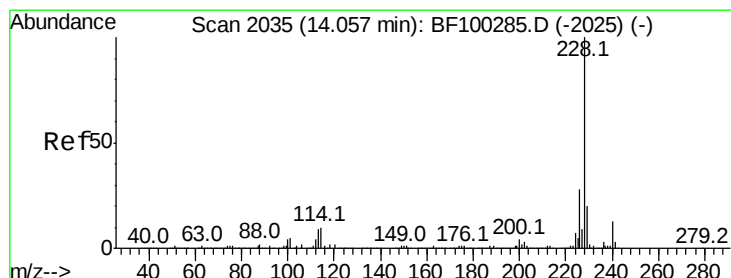
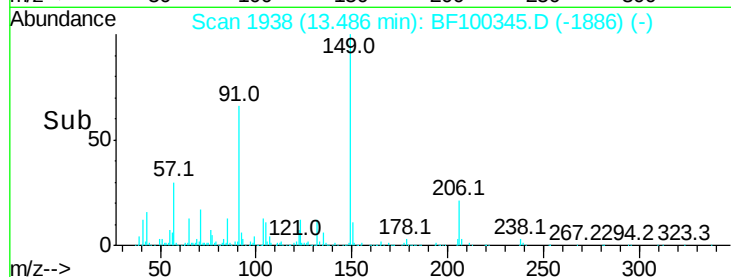
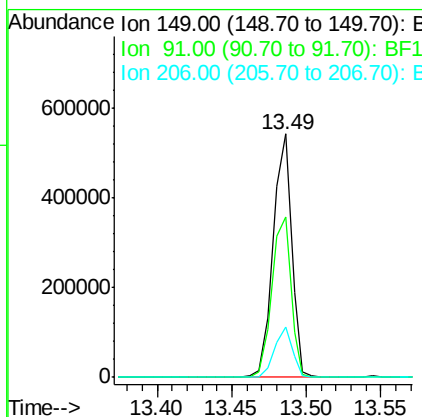
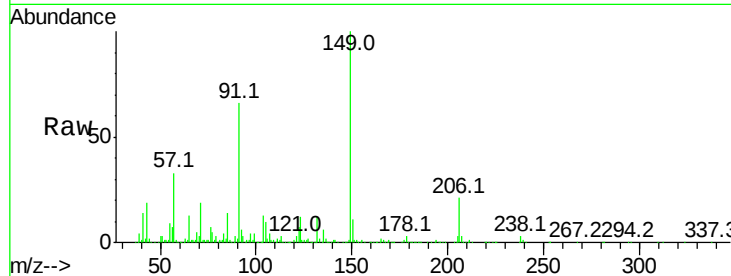
#79
Butylbenzylphthalate
Concen: 45.595 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	465546		
91	66.1	56.8	85.2	
206	20.6	14.1	21.1	

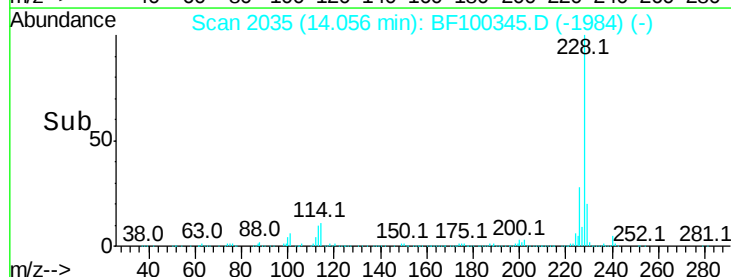
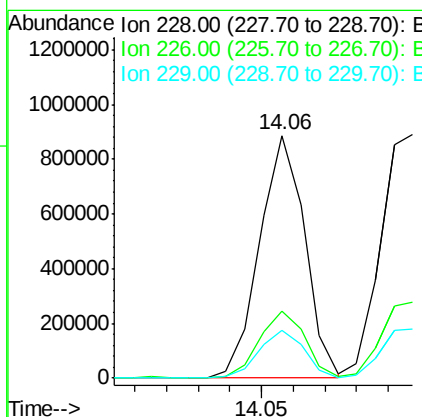
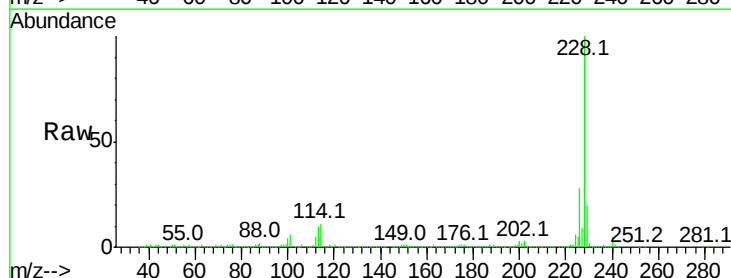
Manual Integrations
APPROVED

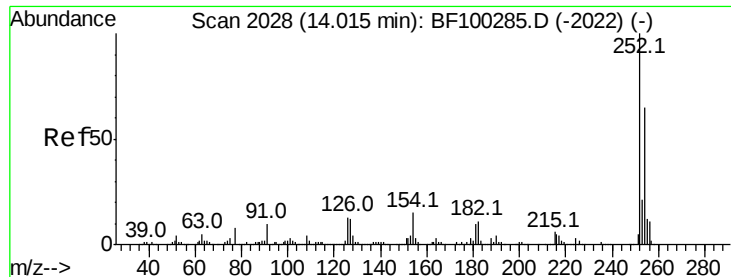
Sohil
11/10/2017 1:15:04 PM



#80
Benzo(a)anthracene
Concen: 41.647 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	880869		
226	27.6	22.6	33.8	
229	19.8	15.8	23.6	





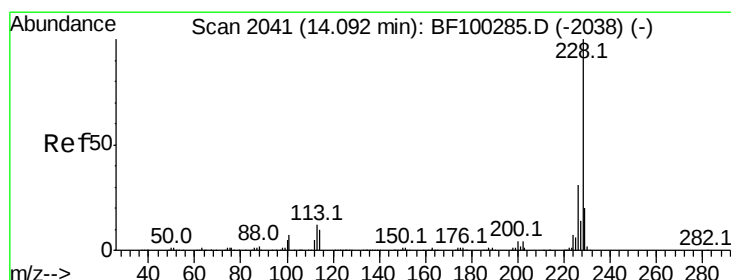
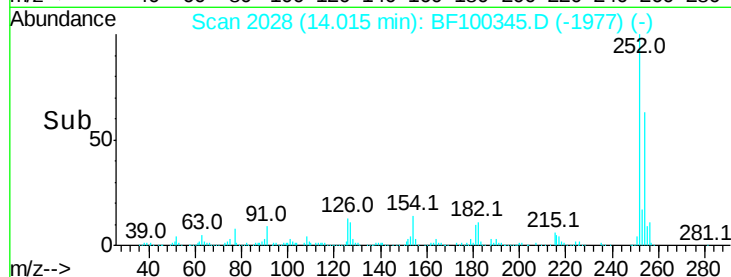
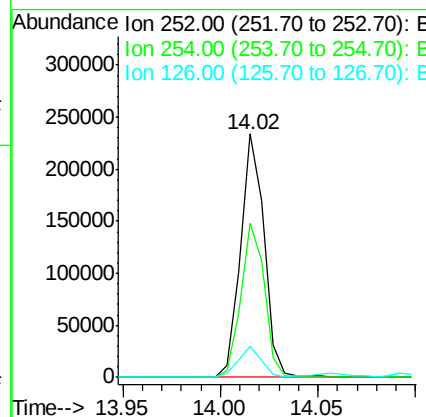
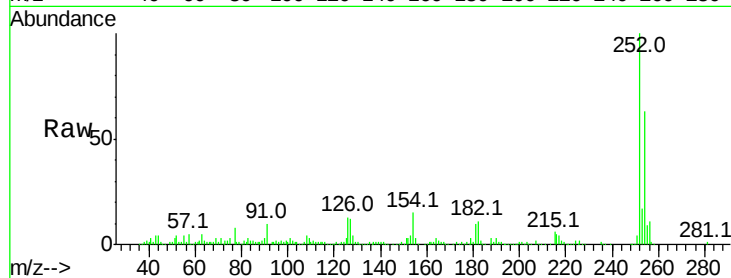
#81
 3,3'-Dichlorobenzidine
 Concen: 25.909 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	12.9	11.3	16.9

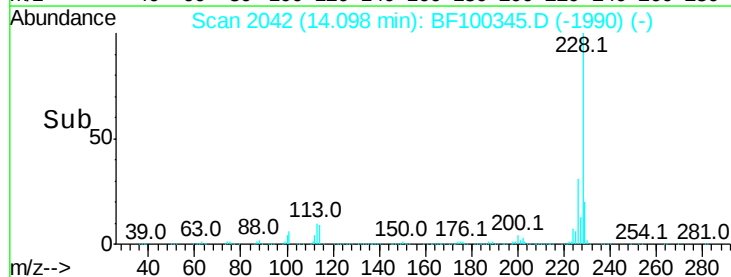
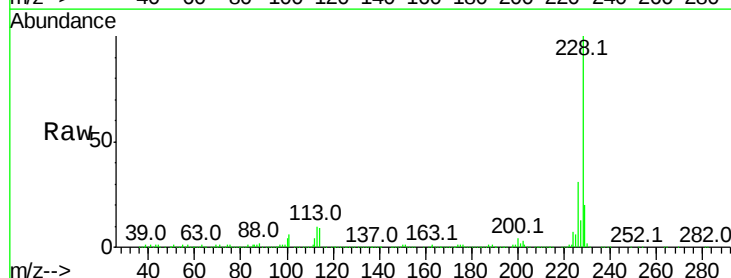
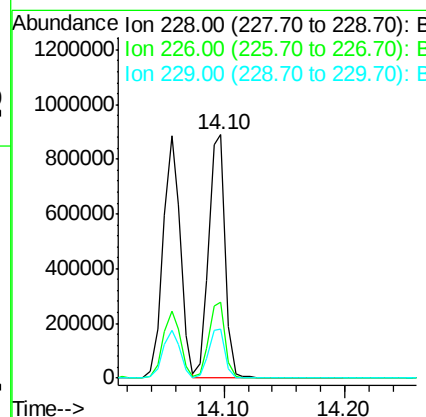
Manual Integrations
 APPROVED

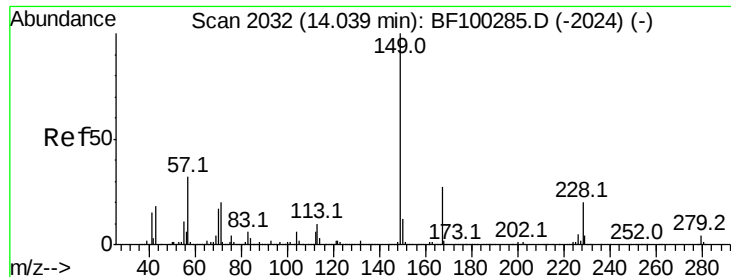
Sohil
 11/10/2017 1:15:04 PM



#82
 Chrysene
 Concen: 41.023 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.1	16.2	24.4





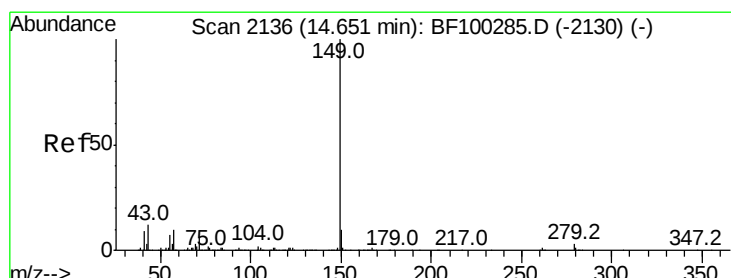
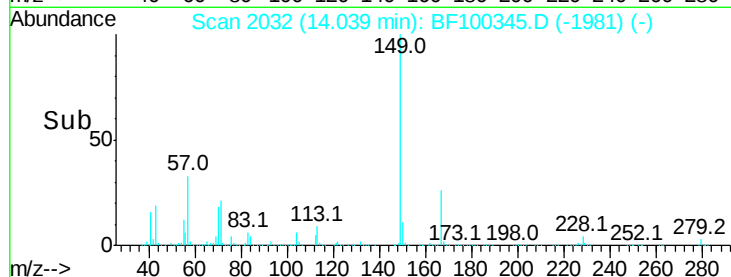
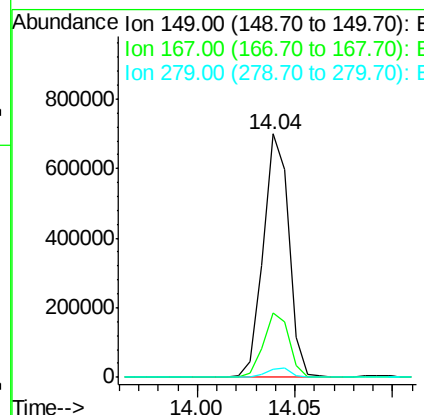
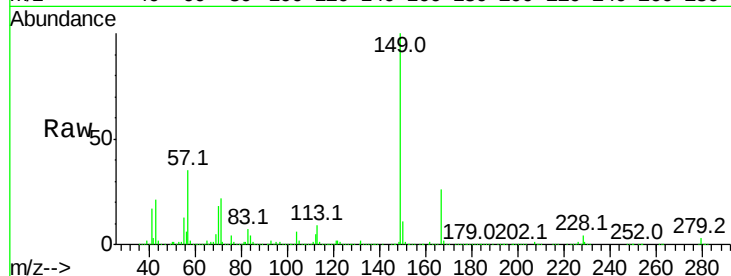
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.947 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB103997BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.1	3.0	4.4

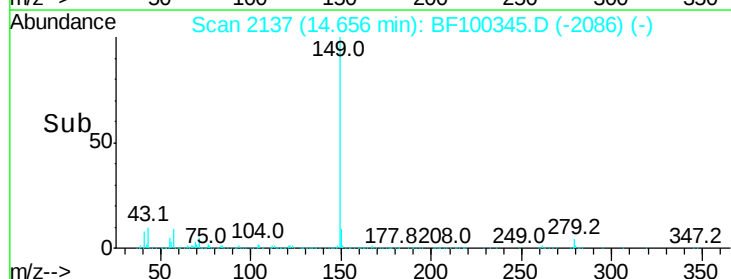
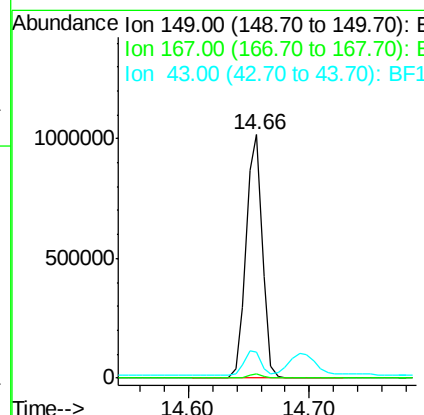
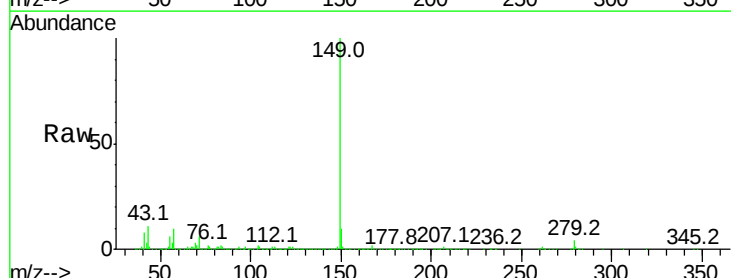
Manual Integrations
 APPROVED

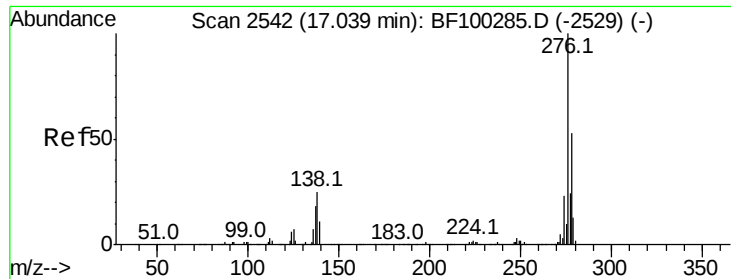
Sohil
 11/10/2017 1:15:04 PM



#84
 Di-n-octyl phthalate
 Concen: 41.419 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.6	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.444 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

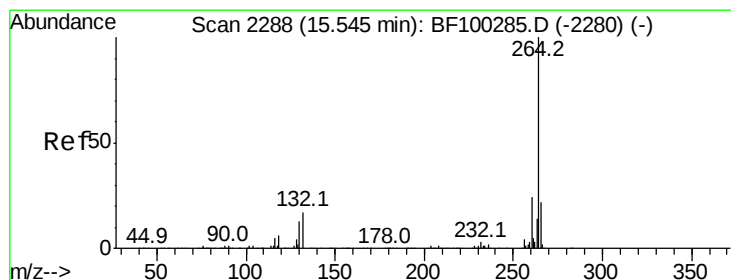
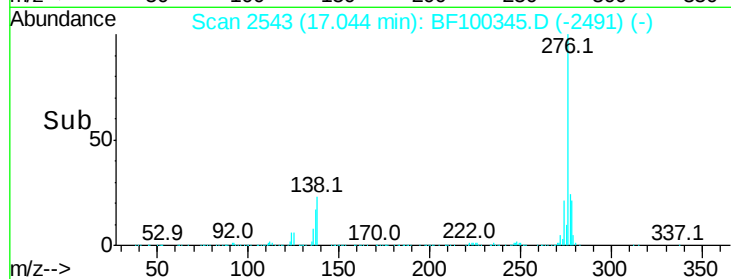
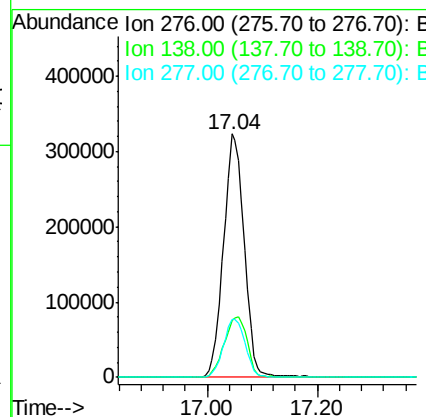
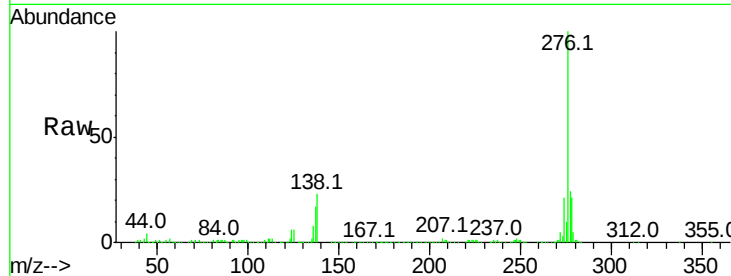
ClientSampleId :

PB103997BS

Tot Ion:	276	Resp:	852253
Ion Ratio	Lower	Upper	
276	100		
138	27.7	25.0	37.6
277	25.3	20.1	30.1

Manual Integrations
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Sohil
11/10/2017 1:15:04 PM



#86

Perylene-d12

Concen: 20.000 ng

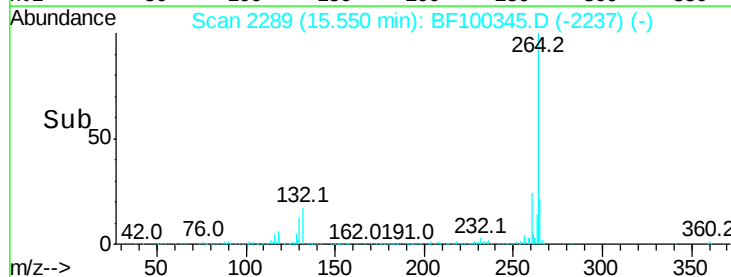
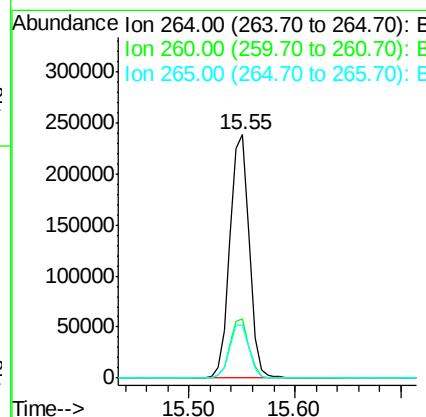
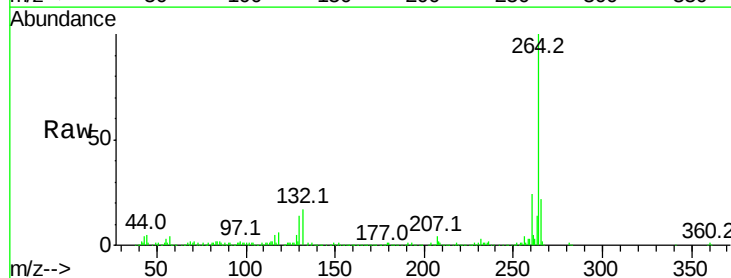
RT: 15.55 min Scan# 2289

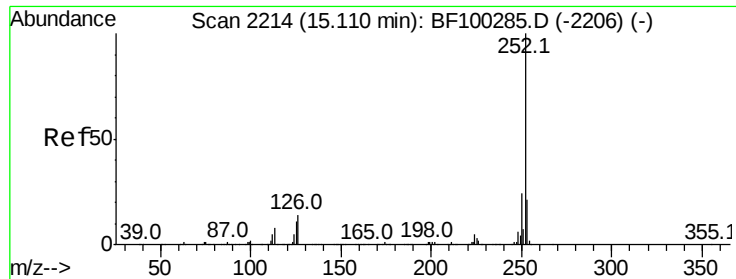
Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:	264	Resp:	303199
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3





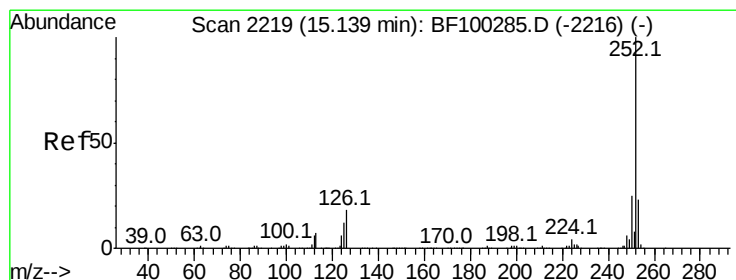
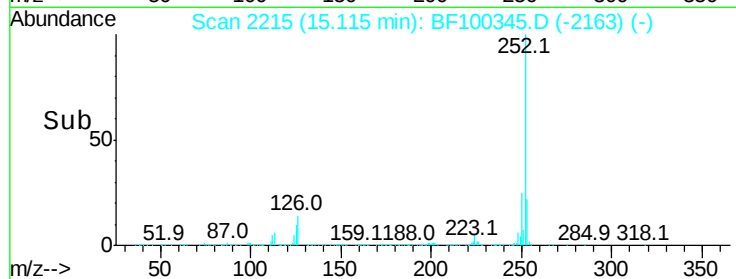
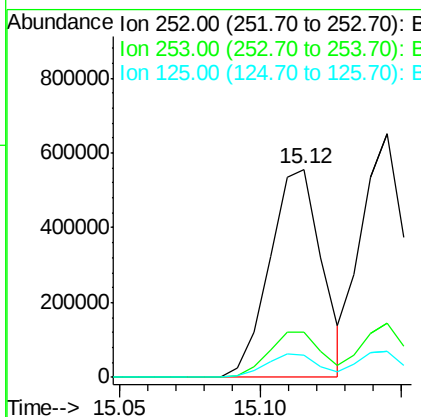
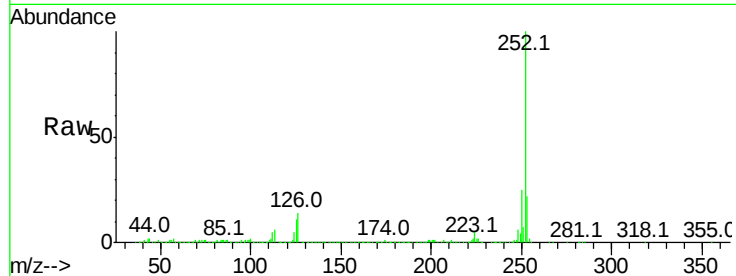
#87
Benzo(b)fluoranthene
Concen: 39.783 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.7	9.0	13.6

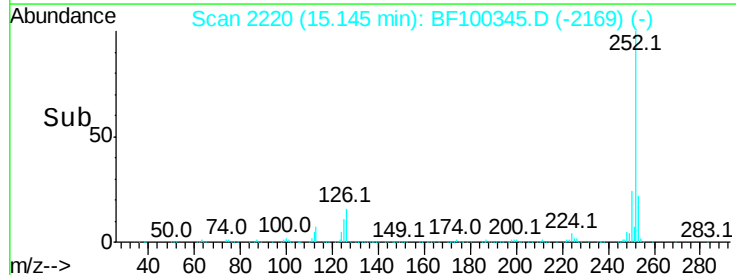
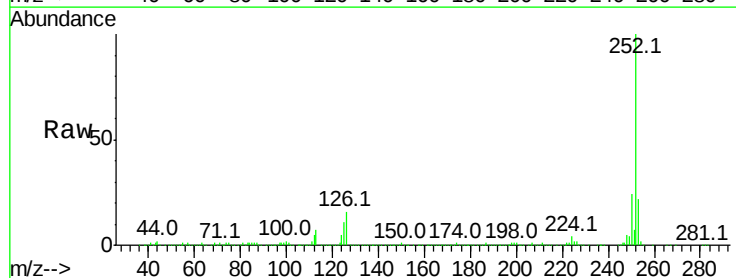
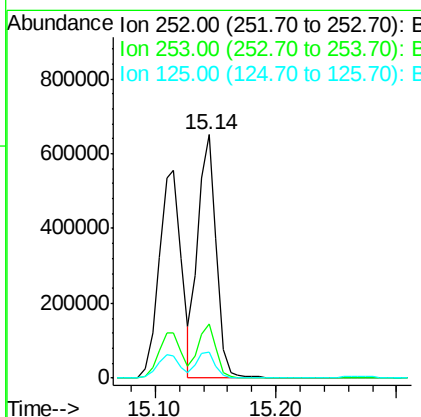
Manual Integrations
APPROVED

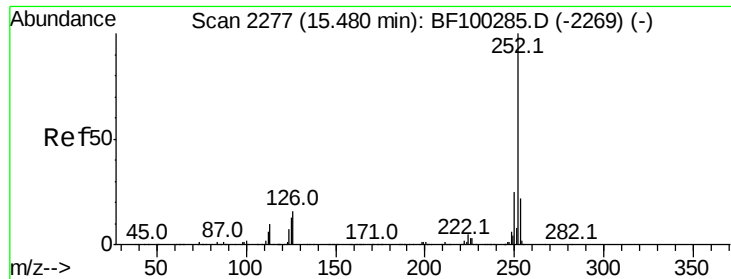
Sohil
11/10/2017 1:15:04 PM



#88
Benzo(k)fluoranthene
Concen: 40.657 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.9	10.2	15.2





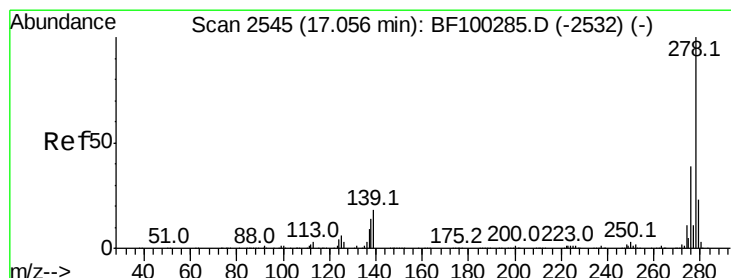
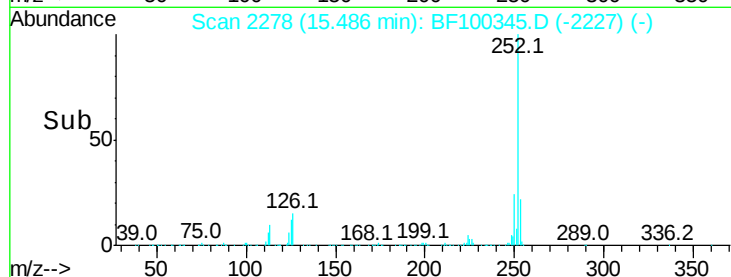
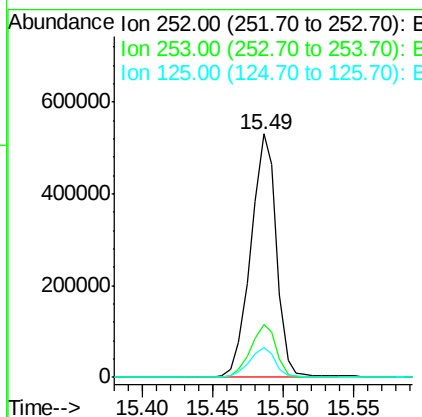
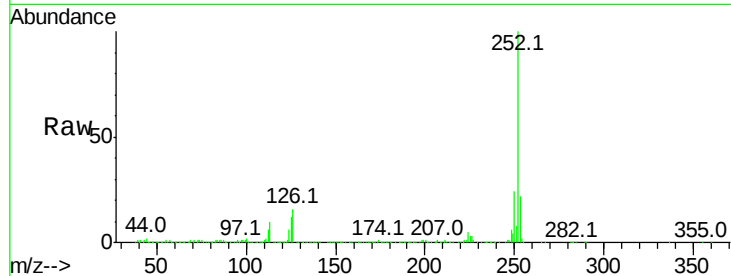
#89
Benzo(a)pyrene
Concen: 42.455 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB103997BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.3	9.8	14.6

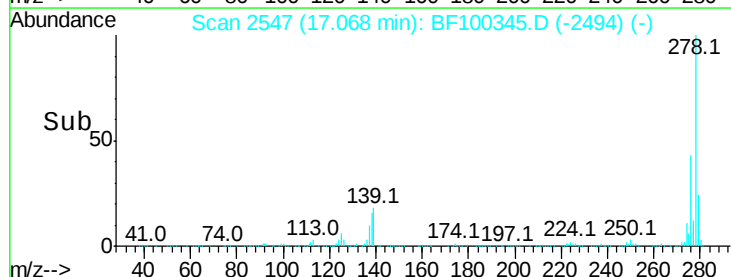
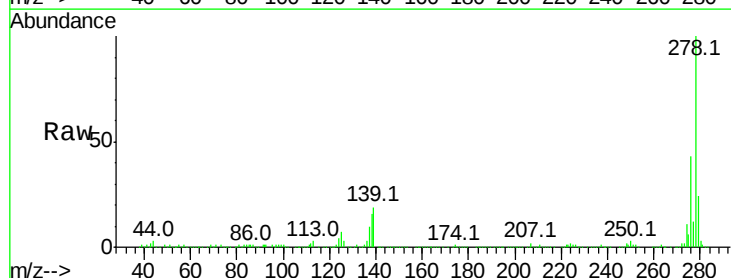
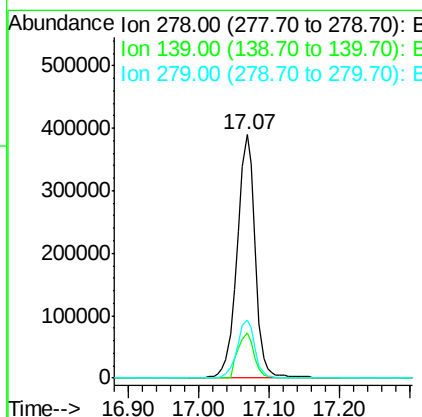
Manual Integrations
APPROVED

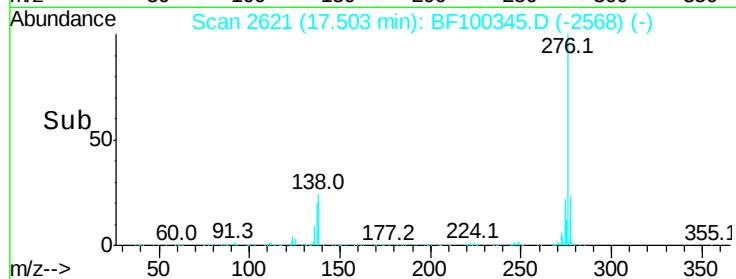
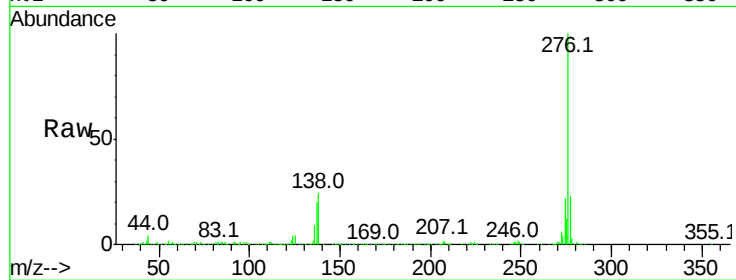
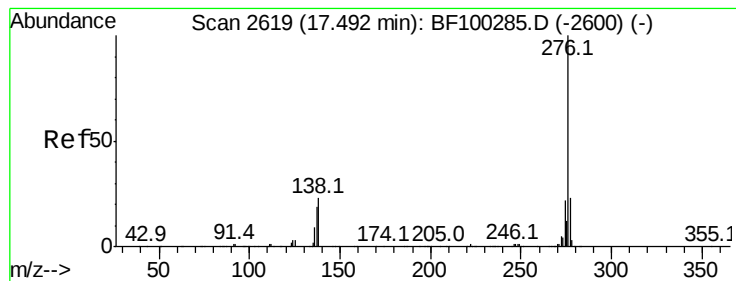
Sohil
11/10/2017 1:15:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.318 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 57.366 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	23.9	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB103997BS

Manual Integrations
APPROVED

Sohil
11/10/2017 1:15:04 PM

