

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107777.D
 Acq On : 28 Jul 2018 6:03
 Operator : JU/SJ
 Sample : J4199-02MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Manual Integrations
 APPROVED

Sohil
 7/30/2018 2:03:41 PM

Quant Time: Jul 30 02:26:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155429	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	582596	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	229782	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	405893	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	383730	20.00	ng	-0.01
86) Perylene-d12	15.68	264	331319	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	440356	45.55	ng	0.00
7) Phenol-d6	6.60	99	365931	31.52	ng	-0.01
23) Nitrobenzene-d5	7.53	82	893309	103.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	346384	132.56	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1649544	152.92	ng	-0.02
78) Terphenyl-d14	13.08	244	1417337	94.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	57502	12.780	ng	89
3) Pyridine	3.67	79	80086	6.543	ng	91
4) n-Nitrosodimethylamine	3.64	42	28477m	5.516	ng	
6) Aniline	6.64	93	180517	12.058	ng	# 74
8) 2-Chlorophenol	6.75	128	329129	31.778	ng	96
9) Benzaldehyde	6.52	77	218299	28.807	ng	97
10) Phenol	6.62	94	127546	9.343	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	331432	29.284	ng	94
12) 1,3-Dichlorobenzene	6.90	146	435384	37.077	ng	98
13) 1,4-Dichlorobenzene	6.98	146	486372	40.412	ng	98
14) 1,2-Dichlorobenzene	7.13	146	454707	42.099	ng	99
15) Benzyl Alcohol	7.11	79	177847	22.481	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	697859	36.549	ng	83
17) 2-Methylphenol	7.22	107	212208	24.107	ng	# 65
18) Hexachloroethane	7.47	117	150202	35.581	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	290012	38.675	ng	98
20) 3+4-Methylphenols	7.38	107	238582	22.825	ng	# 20
22) Acetophenone	7.37	105	617014	45.096	ng	# 94
24) Nitrobenzene	7.55	77	401568	40.613	ng	99
25) Isophorone	7.78	82	791301	42.931	ng	98
26) 2-Nitrophenol	7.87	139	215124	51.521	ng	99
27) 2,4-Dimethylphenol	7.90	122	295523	37.391	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	497585	40.395	ng	99
29) 2,4-Dichlorophenol	8.11	162	311839	38.602	ng	100
30) 1,2,4-Trichlorobenzene	8.18	180	365171	40.247	ng	98
31) Naphthalene	8.27	128	1194447	46.623	ng	99
32) Benzoic acid	8.00	122	46910	15.002	ng	# 76
33) 4-Chloroaniline	8.33	127	171632	15.328	ng	97
34) Hexachlorobutadiene	8.37	225	221394	41.064	ng	99
35) Caprolactam	8.70	113	14548	5.537	ng	# 82
36) 4-Chloro-3-methylphenol	8.80	107	292810	32.630	ng	96
37) 2-Methylnaphthalene	8.96	142	790096	44.505	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	375822	49.036	ng	97
40) Hexachlorocyclopentadiene	9.10	237	40697	10.446	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	205741	41.939	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	223511	43.593	nq	97
45) 1,1'-Biphenyl	9.42	154	987674	49.342	nq	98
46) 2-Chloronaphthalene	9.45	162	707924	46.269	nq	99
47) 2-Nitroaniline	9.56	65	221753	49.715	nq	92
48) Acenaphthylene	9.87	152	1117615	48.626	nq	99
49) Dimethylphthalate	9.72	163	892702	51.548	nq	98
50) 2,6-Dinitrotoluene	9.79	165	163398	47.523	nq	91
51) Acenaphthene	10.04	154	682998	47.428	nq	100
52) 3-Nitroaniline	9.98	138	81854	19.569	nq	91
53) 2,4-Dinitrophenol	10.10	184	32264	31.725	nq #	46
54) Dibenzofuran	10.21	168	938465	44.266	nq	99
55) 4-Nitrophenol	10.17	139	35897	11.462	nq #	82
56) 2,4-Dinitrotoluene	10.20	165	199558	48.082	nq #	92
57) Fluorene	10.55	166	743135	49.133	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.33	232	198853	46.601	nq #	84
59) Diethylphthalate	10.41	149	820175	45.347	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	373362	43.665	nq	92
61) 4-Nitroaniline	10.60	138	130512	37.137	nq	97
62) Azobenzene	10.70	77	697390	41.121	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	31097	21.681	nq	83
65) n-Nitrosodiphenylamine	10.67	169	639698	46.405	nq	98
66) 4-Bromophenyl-phenylether	11.04	248	209792	43.908	nq #	86
67) Hexachlorobenzene	11.10	284	225418	42.877	nq #	89
68) Atrazine	11.19	200	184198	43.764	nq	96
69) Pentachlorophenol	11.30	266	194818	59.327	nq	99
70) Phenanthrene	11.52	178	921818	46.605	nq	99
71) Anthracene	11.58	178	1028439	51.642	nq	99
72) Carbazole	11.74	167	942371	45.505	nq	99
73) Di-n-butylphthalate	12.04	149	1123240	57.133	nq	99
74) Fluoranthene	12.72	202	1067727	50.306	nq	96
76) Benzidine	12.85	184	180274	16.313	nq	95
77) Pyrene	12.95	202	1072212	40.850	nq	98
79) Butylbenzylphthalate	13.55	149	479310	42.462	nq	92
80) Benzo(a)anthracene	14.14	228	994317	44.217	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	229094	31.575	nq #	96
82) Chrysene	14.18	228	1068379	49.459	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	655364	41.148	nq	99
84) Di-n-octyl phthalate	14.72	149	1208920	48.832	nq	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	728890	39.813	nq #	92
87) Benzo(b)fluoranthene	15.22	252	857236	47.276	nq	98
88) Benzo(k)fluoranthene	15.26	252	924270	52.027	nq #	96
89) Benzo(a)pyrene	15.62	252	799389	48.195	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	618365	43.128	nq	96
91) Benzo(g,h,i)perylene	17.74	276	572813	40.502	nq #	92

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

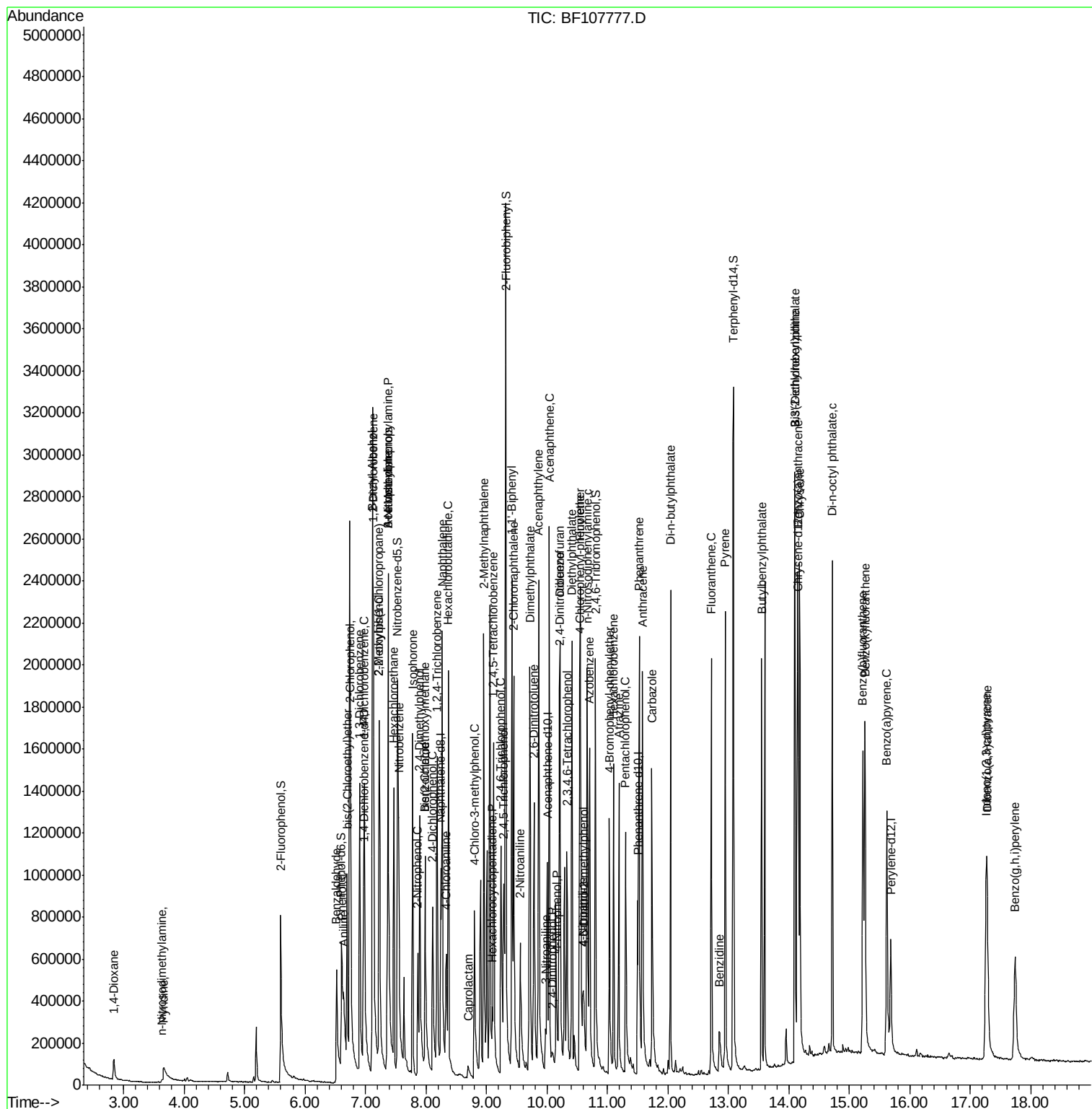
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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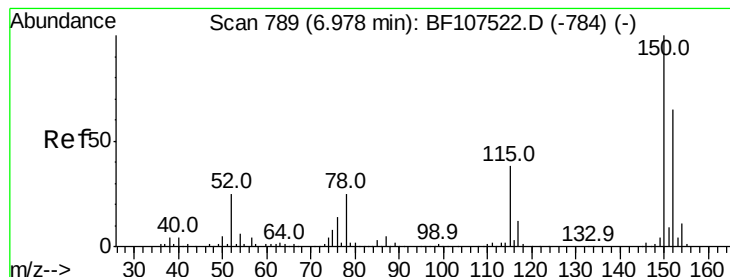
Instrument :
 BNA_F
 ClientSampled :
 MW-33MS

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#1

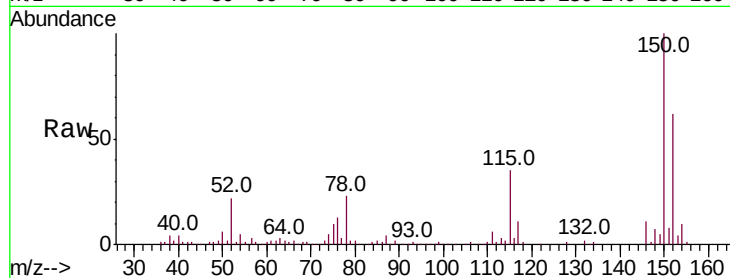
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	56.4	50.1	75.1

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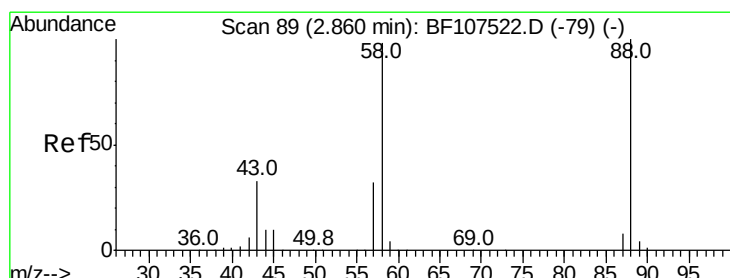
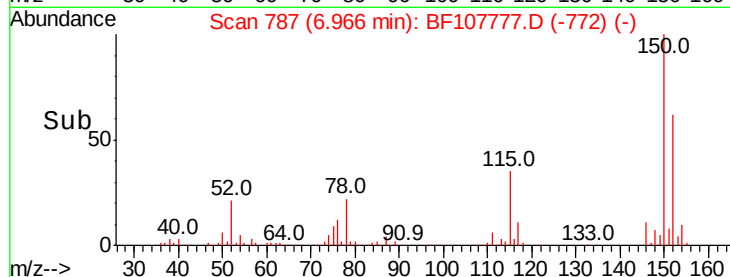
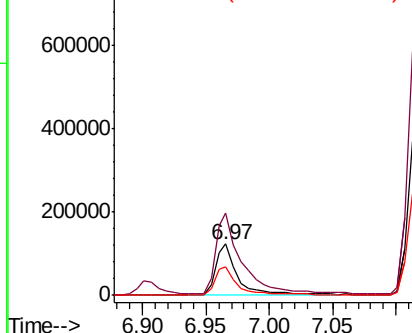


Abundance

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



#2

1,4-Dioxane
Concen: 12.780 ng
RT: 2.84 min Scan# 86
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

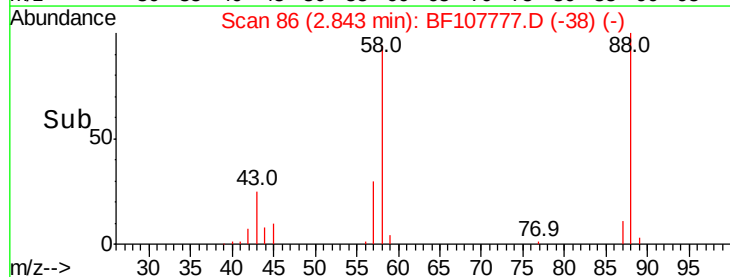
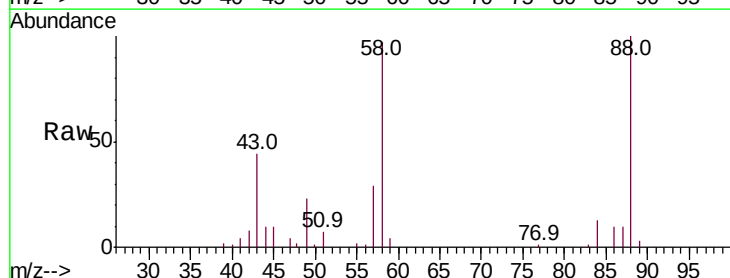
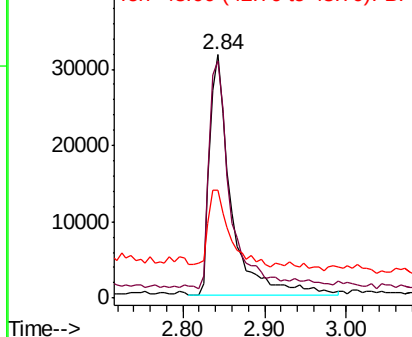
Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	62.6	93.8
43	30.9	24.6	37.0

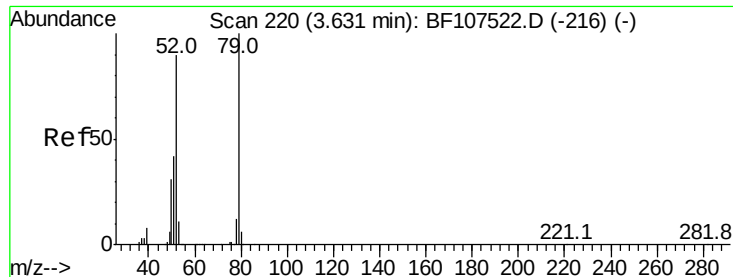
Abundance

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: 6.543 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

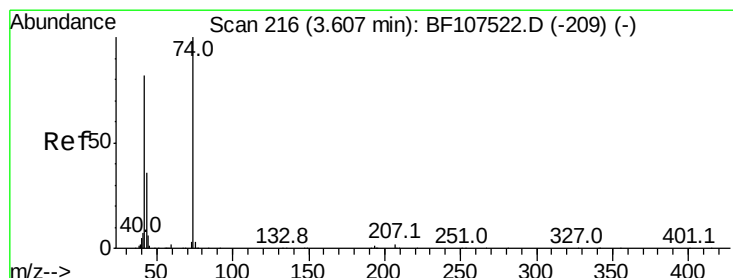
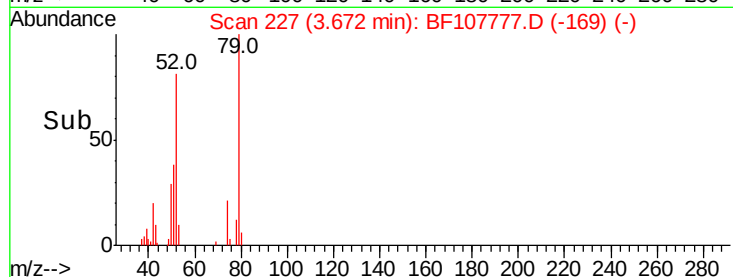
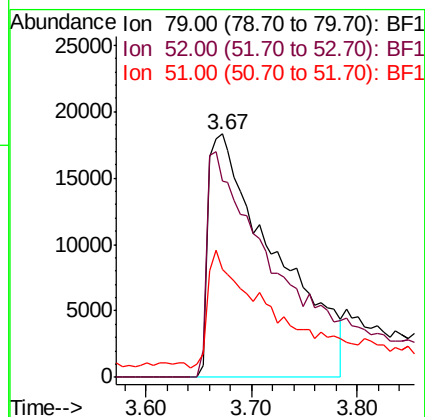
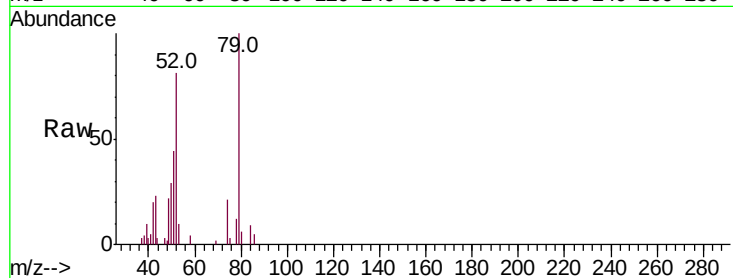
ClientSampleId :

MW-33MS

Tot Ion:	79	Resp:	80086
Ion Ratio	Lower	Upper	
79	100		
52	80.6	59.8	89.6
51	44.4	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 5.516 ng m

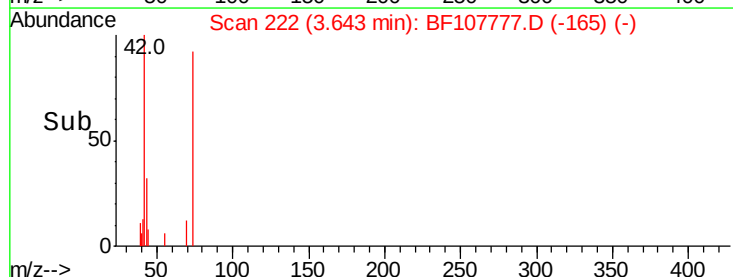
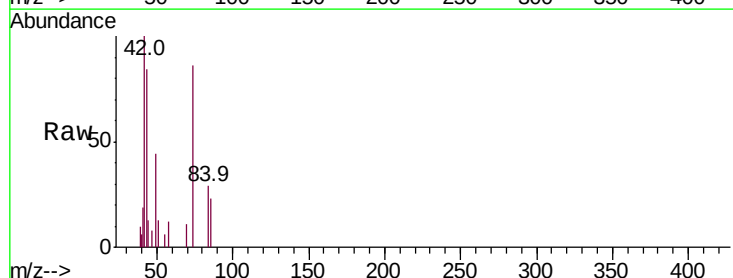
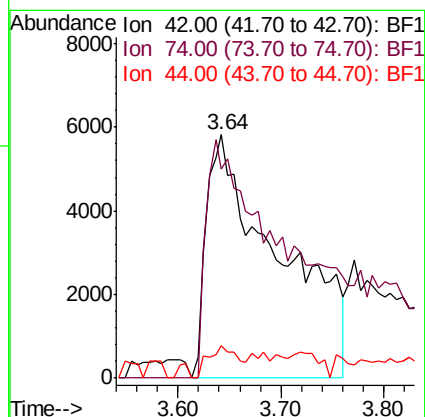
RT: 3.64 min Scan# 222

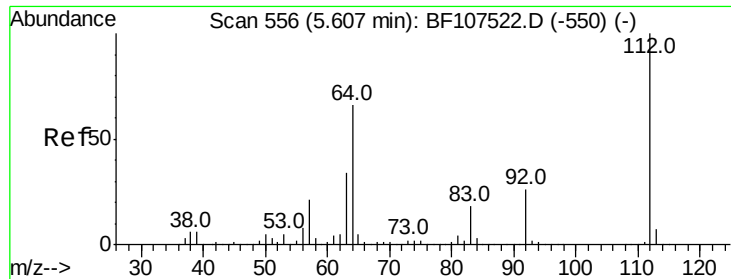
Delta R.T. 0.04 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion:	42	Resp:	28477
Ion Ratio	Lower	Upper	
42	100		
74	85.8	104.9	157.3#
44	13.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 45.552 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

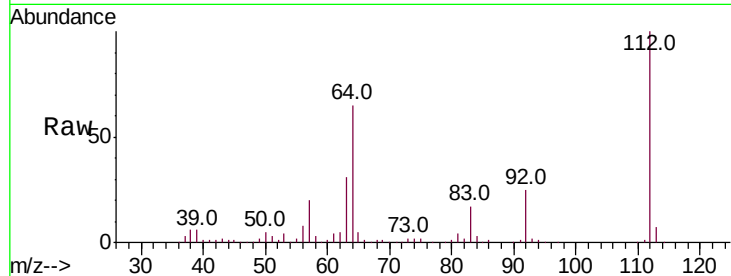
ClientSampleId :

MW-33MS

Tot Ion:	112	Resp:	440356
Ion Ratio	Lower	Upper	
112	100		
64	64.7	47.9	71.9
63	31.3	23.7	35.5

Manual Integrations
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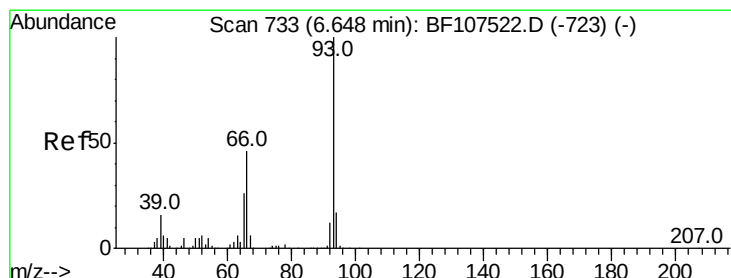
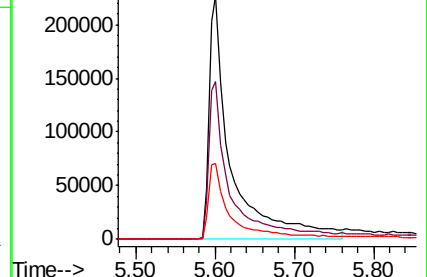
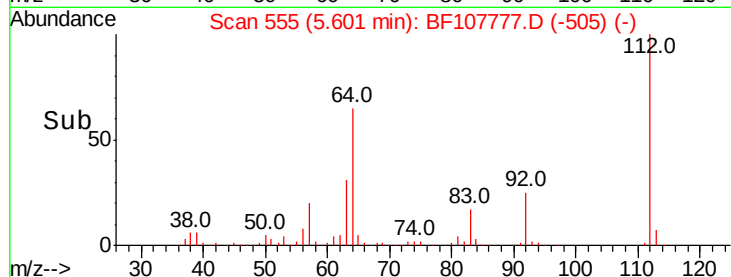
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.058 ng

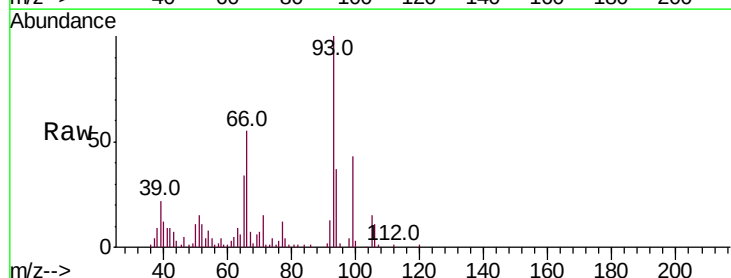
RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

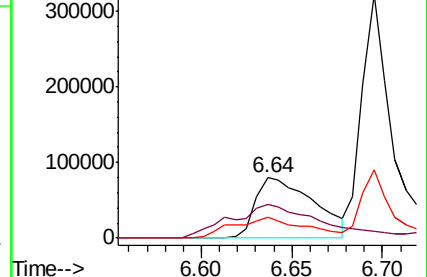
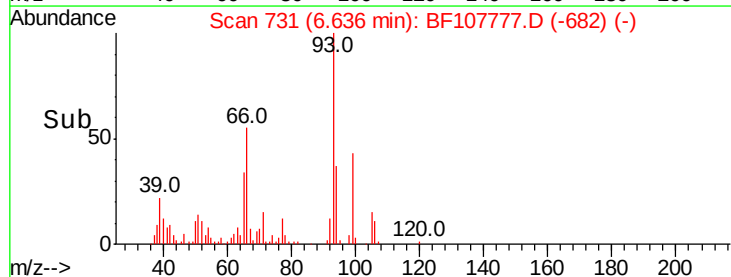
Tgt Ion:	93	Resp:	180517
Ion Ratio	Lower	Upper	
93	100		
66	55.2	32.2	48.2#
65	34.1	16.4	24.6#

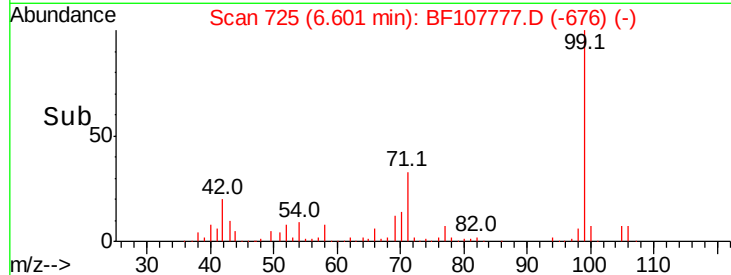
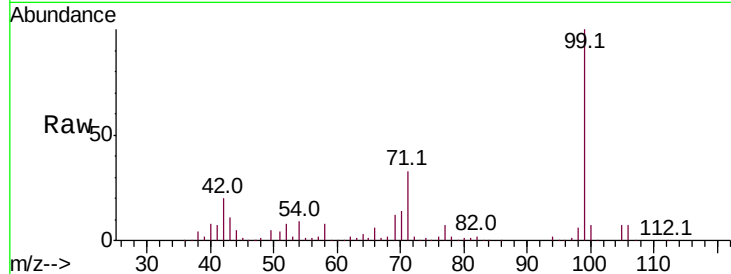
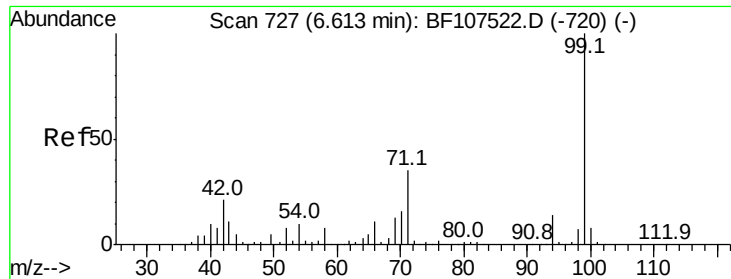


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 31.525 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		365931		
42	19.9	14.5	21.7		
71	32.6	25.4	38.0		

Instrument :

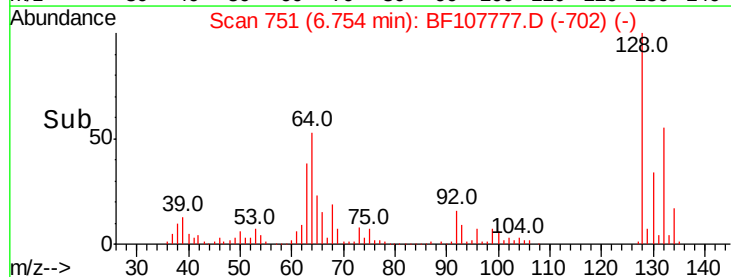
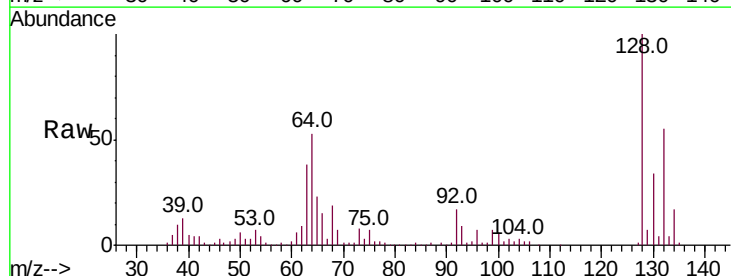
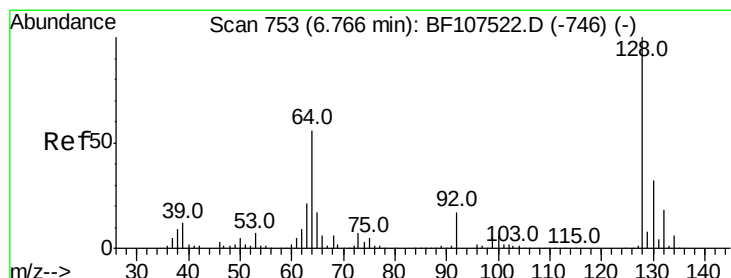
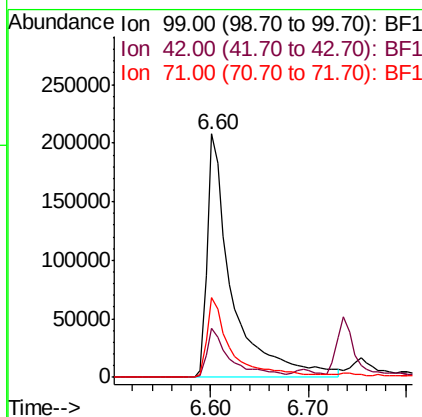
BNA_F

ClientSampled :

MW-33MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 31.778 ng

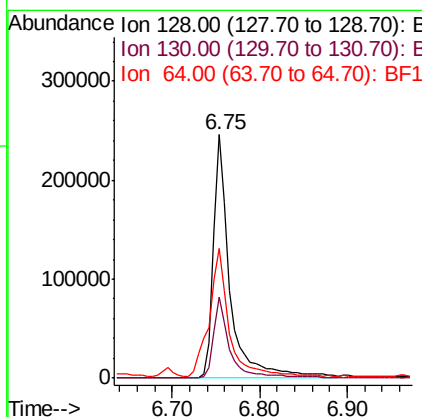
RT: 6.75 min Scan# 751

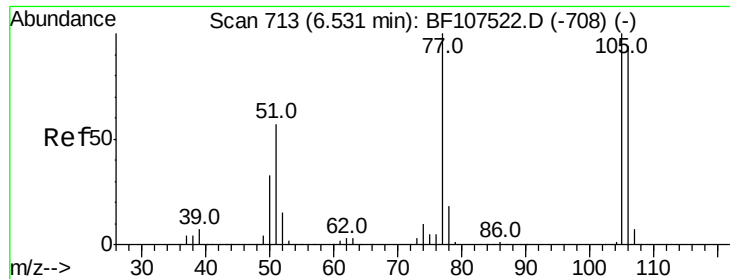
Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		329129		
130	33.5	13.0	53.0		
64	53.4	29.4	69.4		





#9

Benzaldehyde

Concen: 28.807 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

Tot Ion: 77 Resp: 218299

Ion Ratio Lower Upper

77 100

105 103.8 81.1 121.1

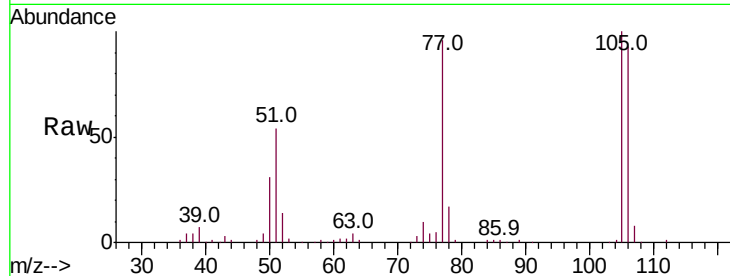
106 96.8 74.5 114.5

Manual Integrations

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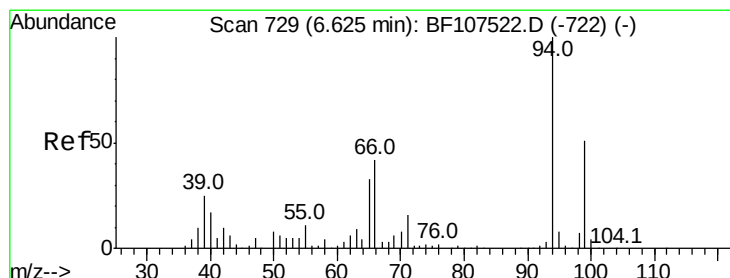
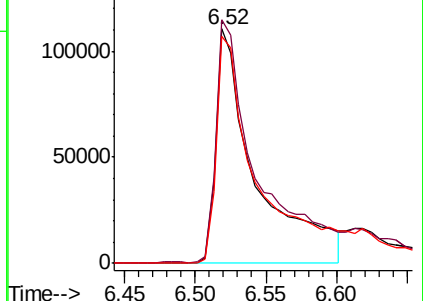
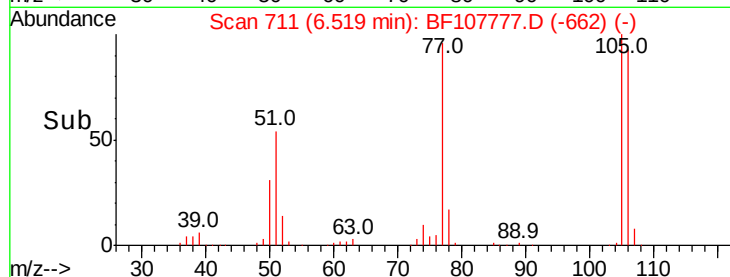
7/30/2018 2:03:41 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 9.343 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

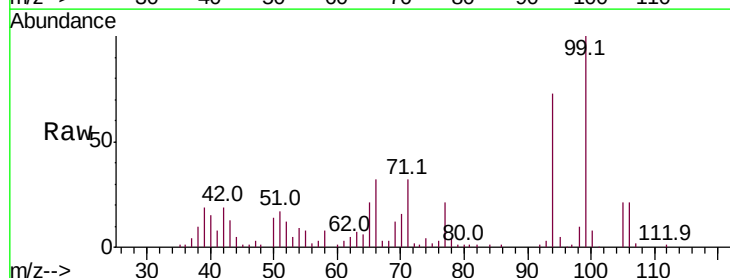
Tgt Ion: 94 Resp: 127546

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

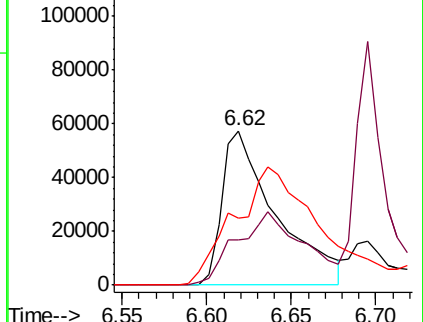
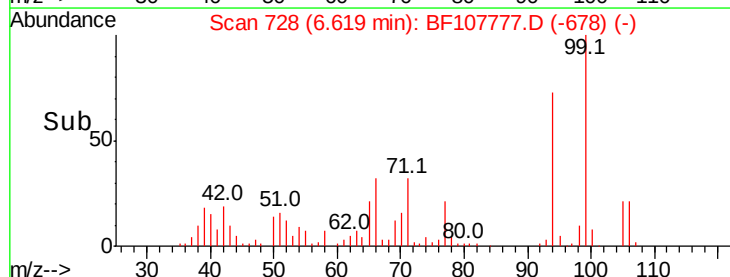
66 43.5 16.2 56.2

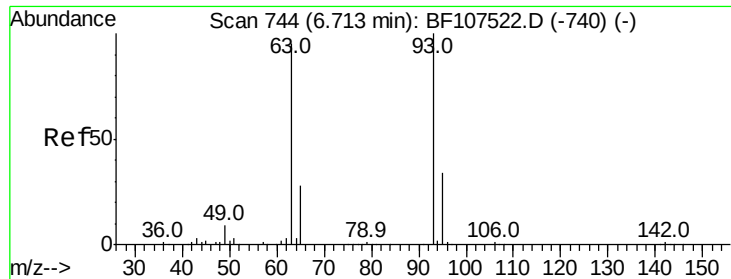


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





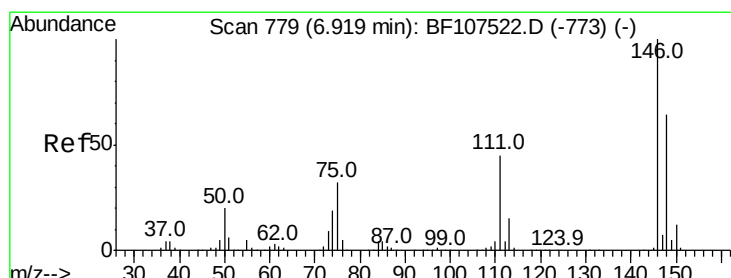
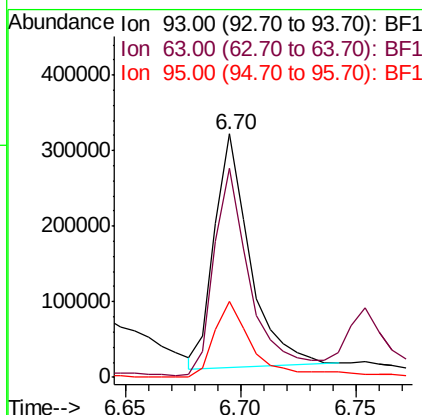
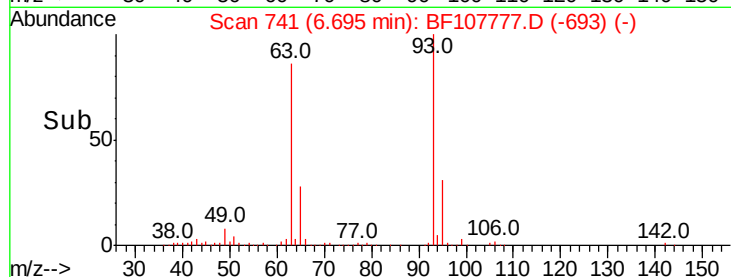
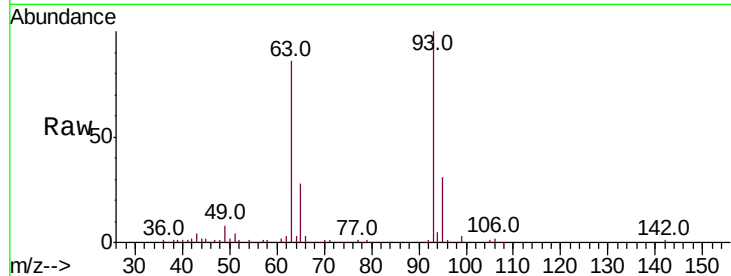
#11
bis(2-Chloroethyl)ether
Concen: 29.284 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	93	Ratio	100	Resp	Lower	Upper
93	100					
63	85.7			58.6		98.6
95	31.0			11.8		51.8

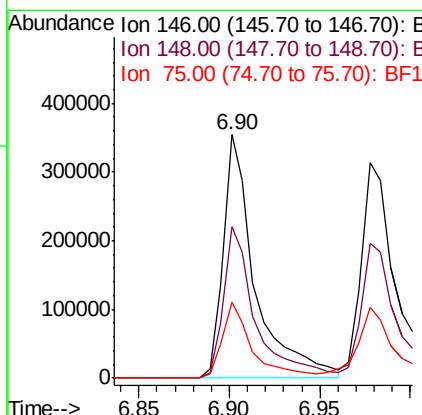
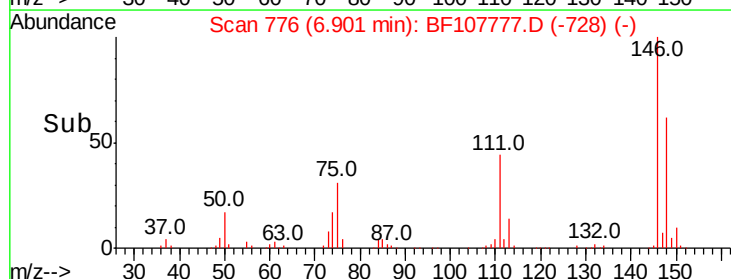
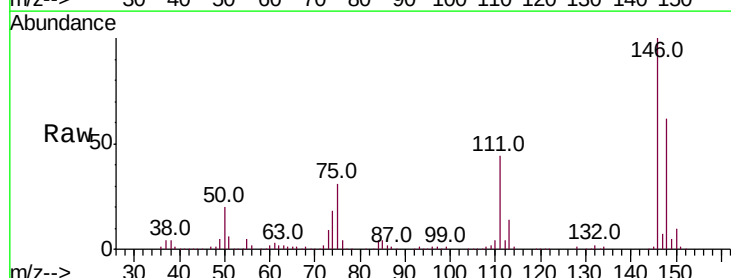
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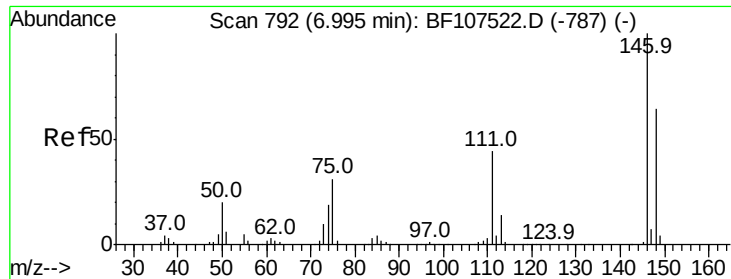
Sohil
7/30/2018 2:03:41 PM



#12
1,3-Dichlorobenzene
Concen: 37.077 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	146	Ratio	100	Resp	Lower	Upper
146	100					
148	62.4			51.8		77.8
75	31.0			24.2		36.4





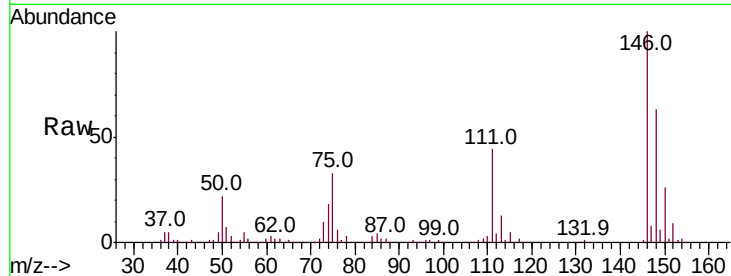
#13
 1,4-Dichlorobenzene
 Concen: 40.412 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampled :
 MW-33MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	44.1	34.2	51.2

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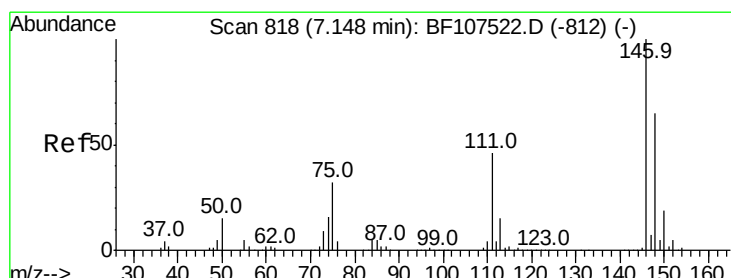
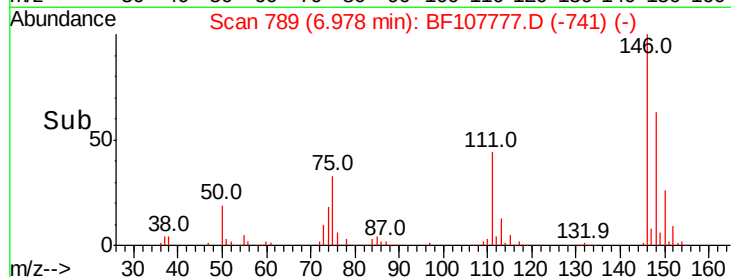
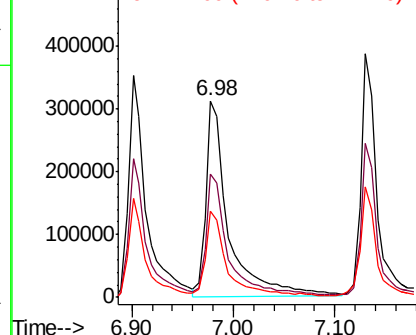


Abundance

Ion 146.00 (145.70 to 146.70): E

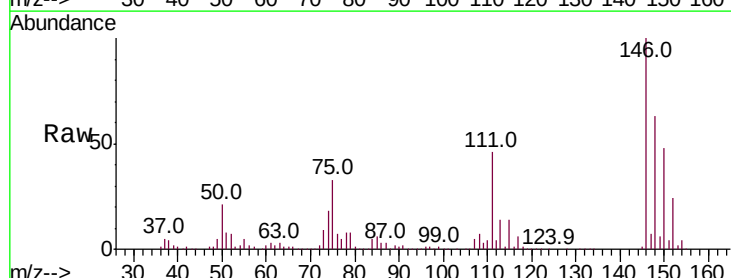
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.099 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	45.6	36.0	54.0

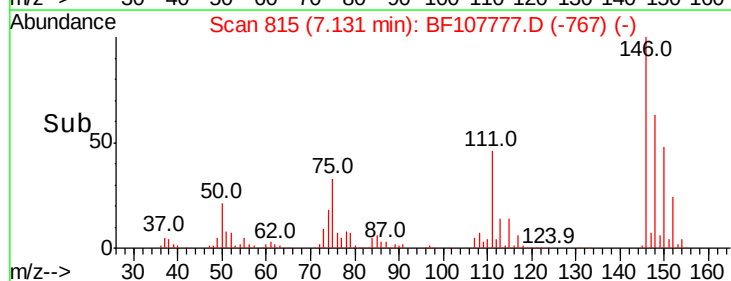
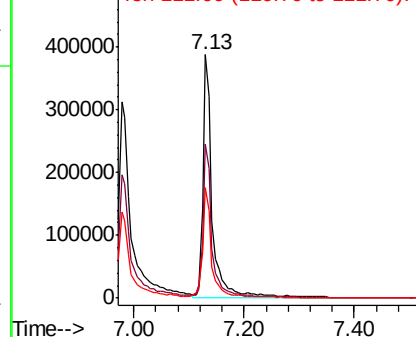


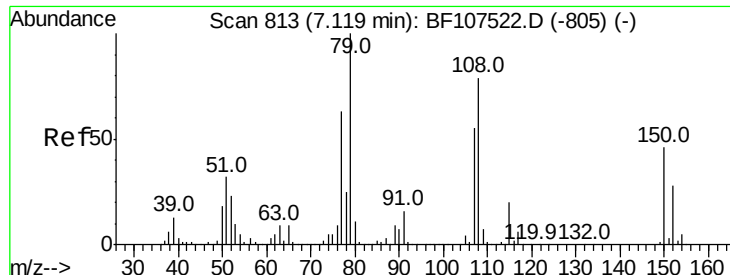
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.481 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

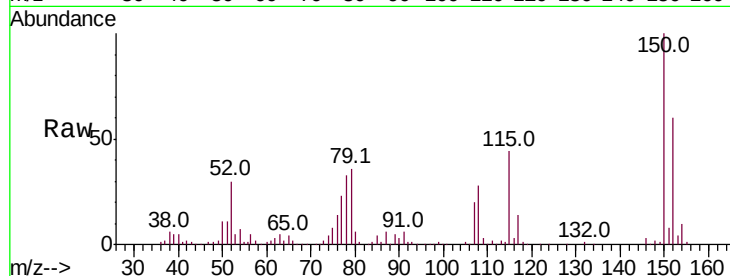
ClientSampleId :

MW-33MS

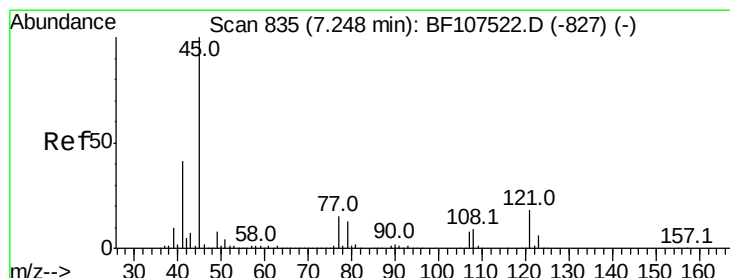
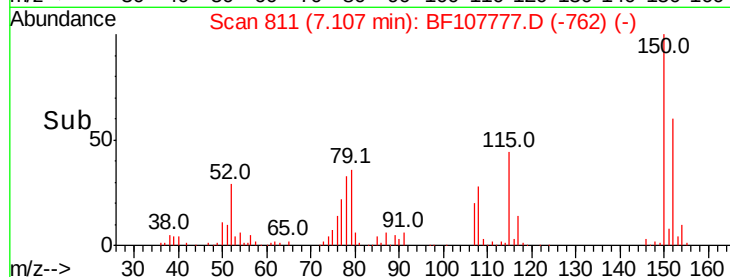
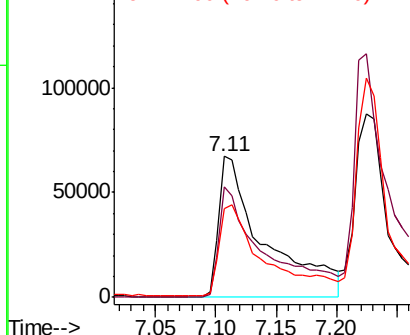
Tot Ion:	79	Resp:	177847
Ion Ratio	Lower	Upper	
79	100		
108	78.2	65.1	97.7
77	63.1	50.6	75.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.549 ng

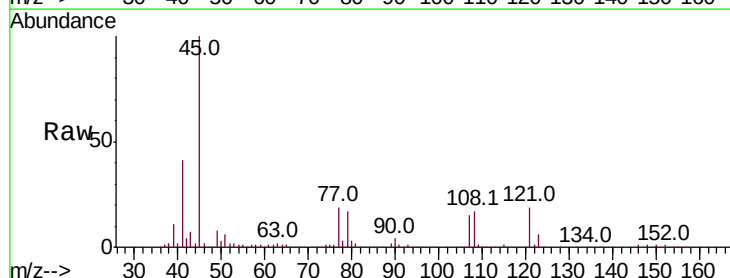
RT: 7.23 min Scan# 832

Delta R.T. -0.02 min

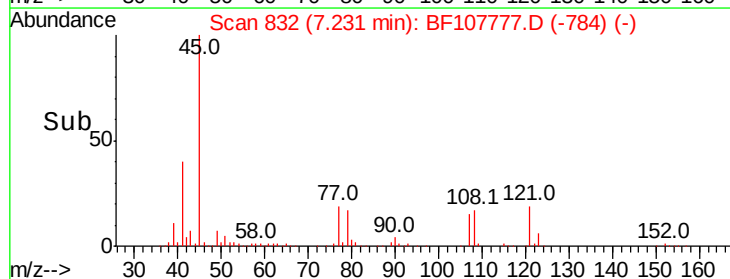
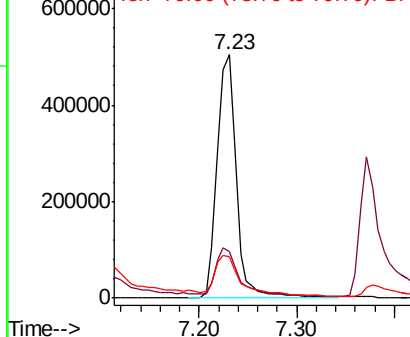
Lab File: BF107777.D

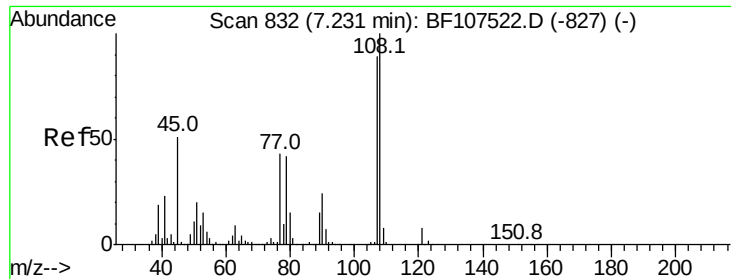
Acq: 28 Jul 2018 6:03

Tgt Ion:	45	Resp:	697859
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	32.9
79	16.9	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





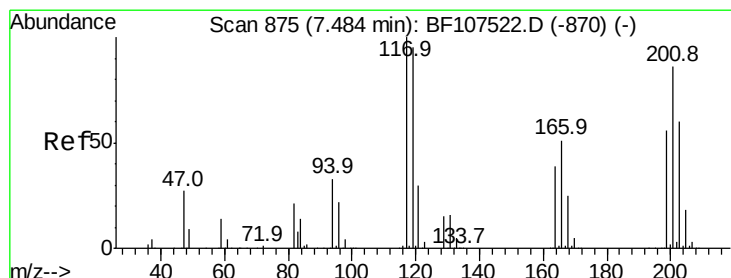
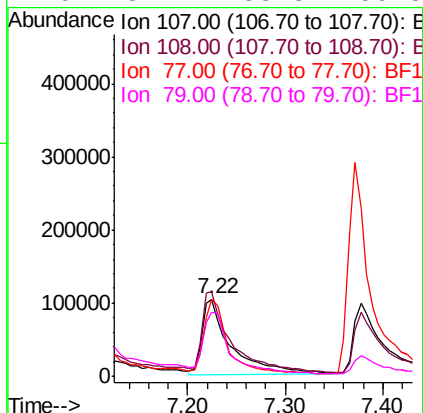
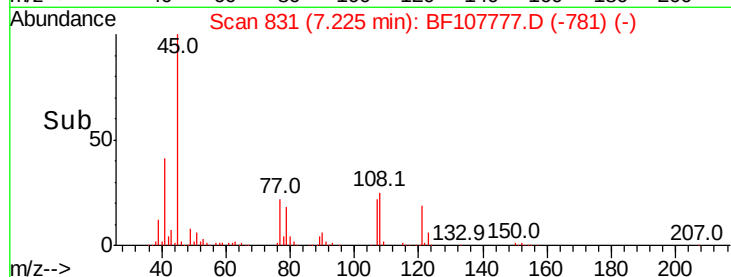
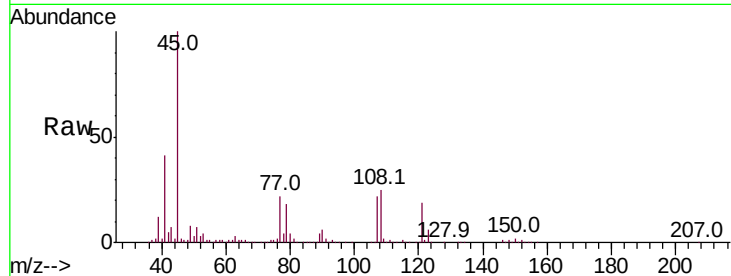
#17
2-Methylphenol
Concen: 24.107 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	91.7	137.5	
77	99.1	33.8	50.8#	
79	82.7	33.8	50.8#	

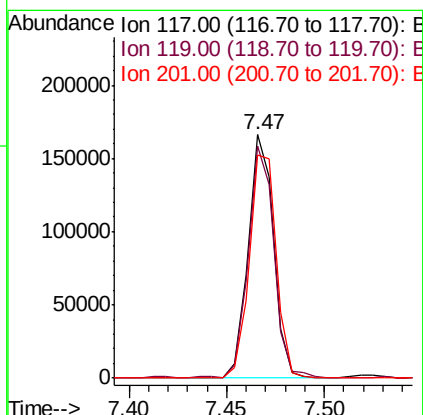
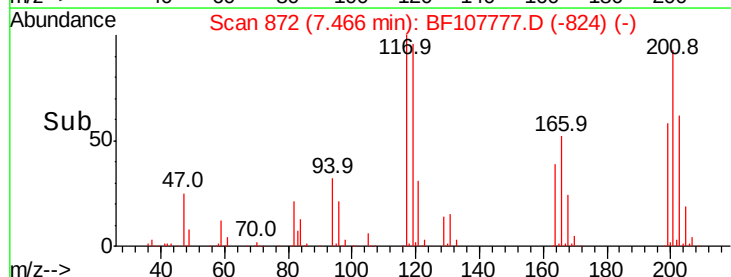
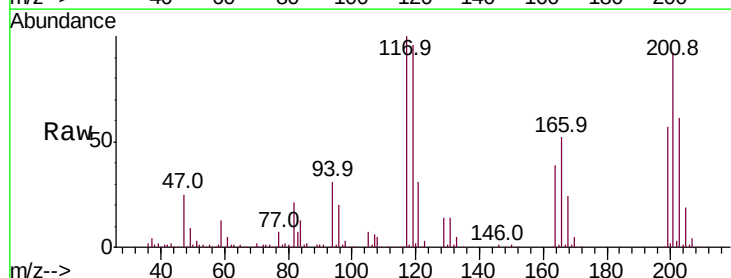
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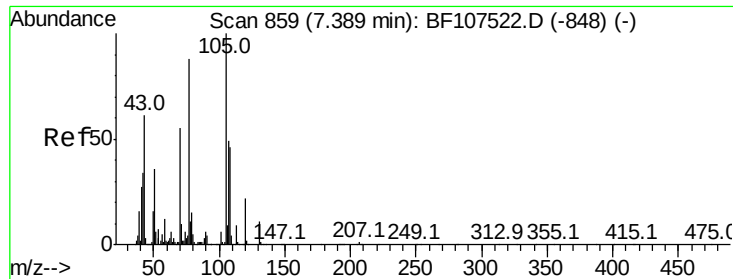
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7/30/2018 2:03:41 PM



#18
Hexachloroethane
Concen: 35.581 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.8	113.8	
201	91.6	75.7	113.5	





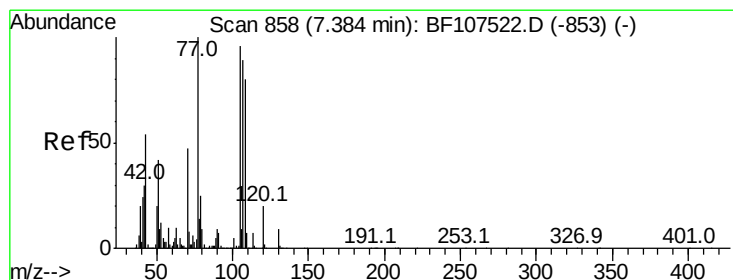
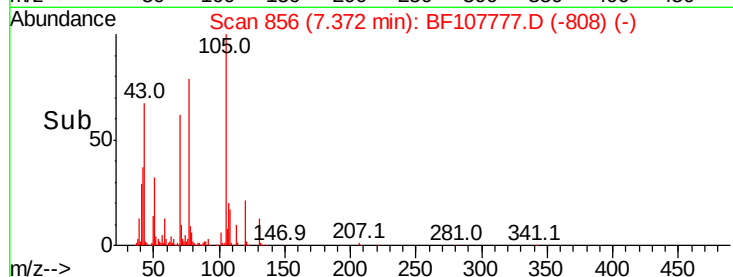
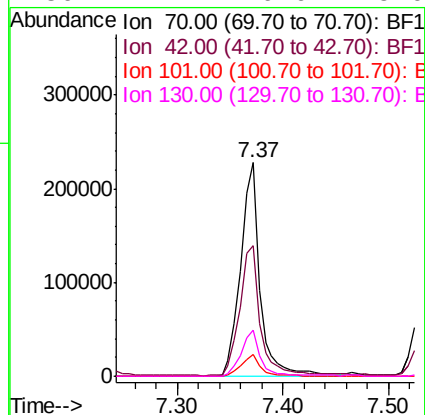
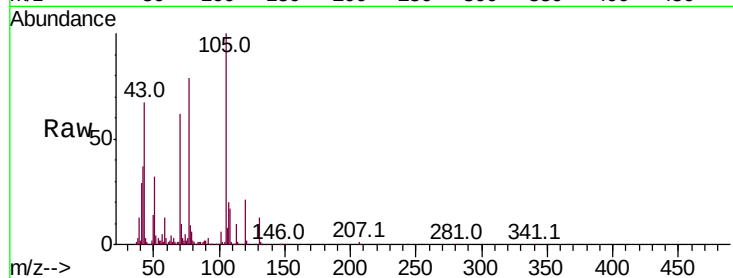
#19
n-Nitroso-di-n-propylamine
Concen: 38.675 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.5	71.3
101	10.0	7.4	11.2
130	21.7	16.6	25.0

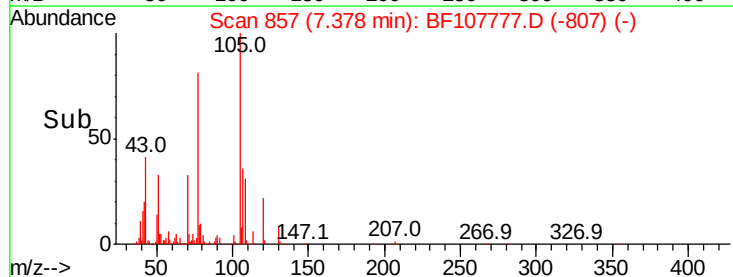
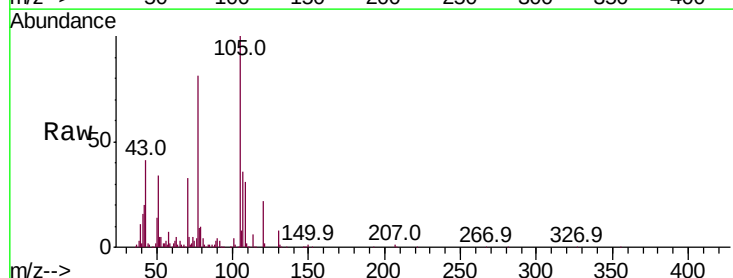
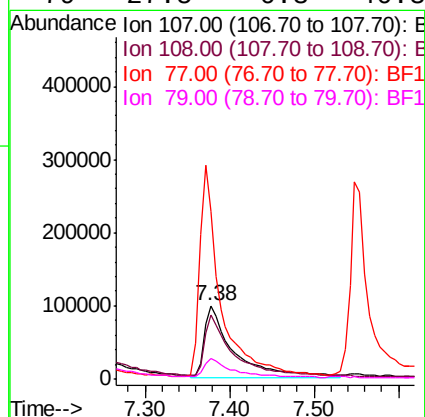
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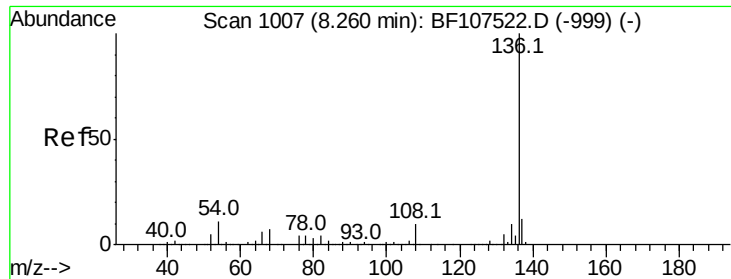
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#20
3+4-Methylphenols
Concen: 22.825 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	227.6	26.7	66.7#
79	27.5	6.3	46.3





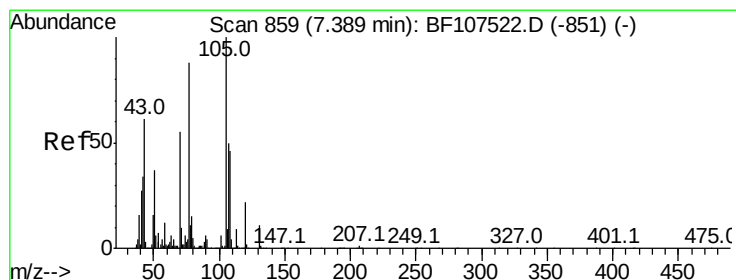
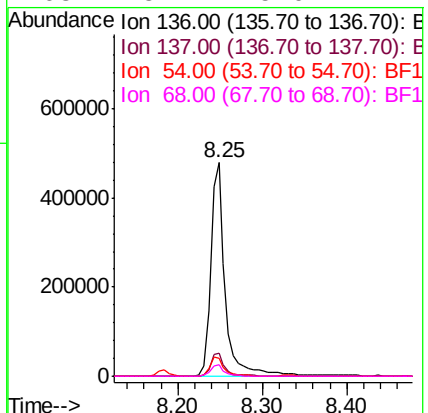
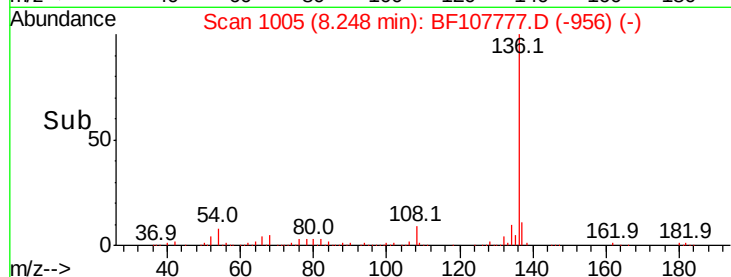
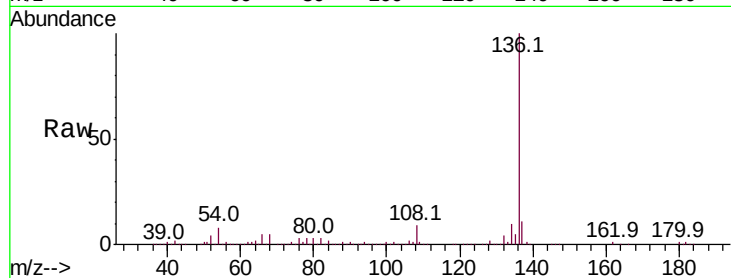
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	5.1	5.0	7.4

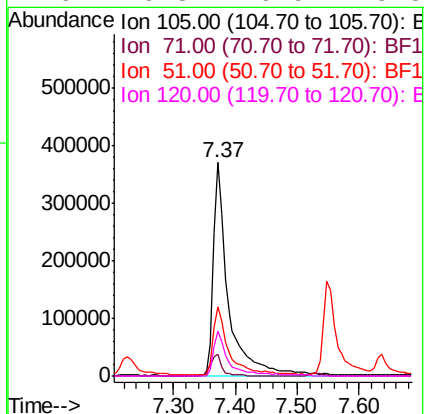
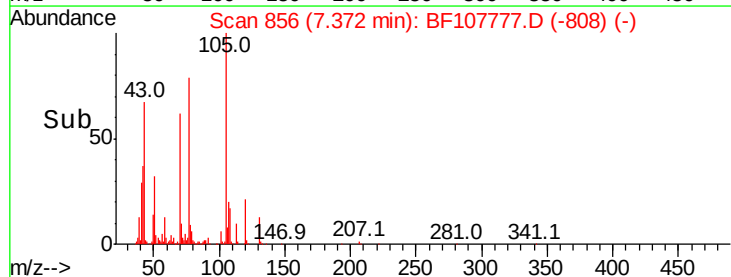
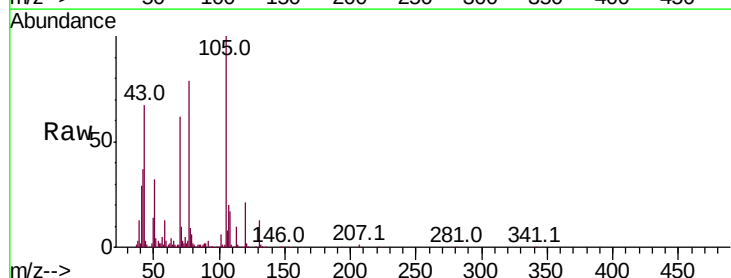
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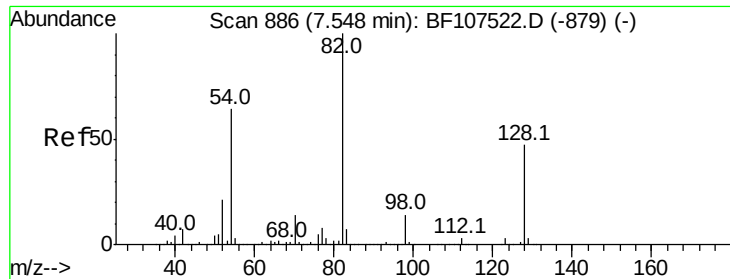
Sohil
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#22
Acetophenone
Concen: 45.096 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	10.2	4.4	6.6#
51	32.1	22.3	33.5
120	20.8	16.9	25.3





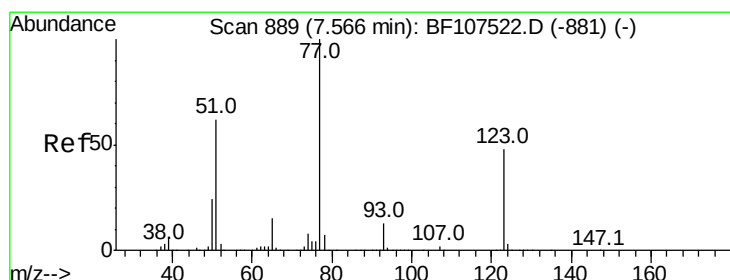
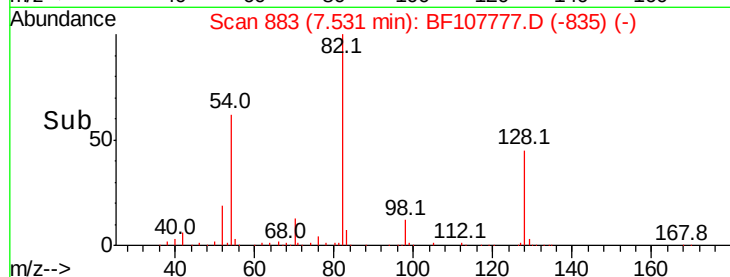
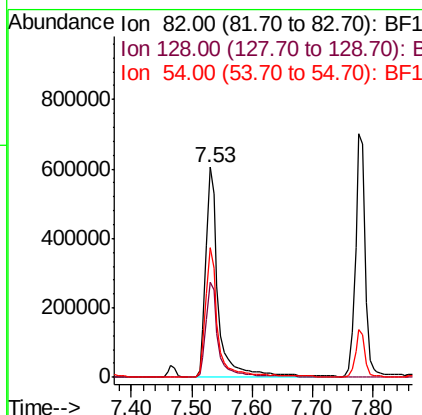
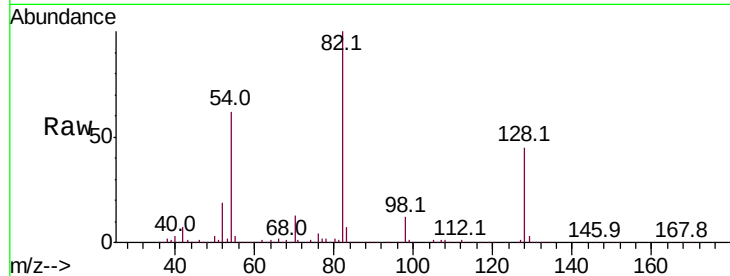
#23
 Nitrobenzene-d5
 Concen: 103.480 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	36.1	54.1	
54	62.0	41.4	62.2	

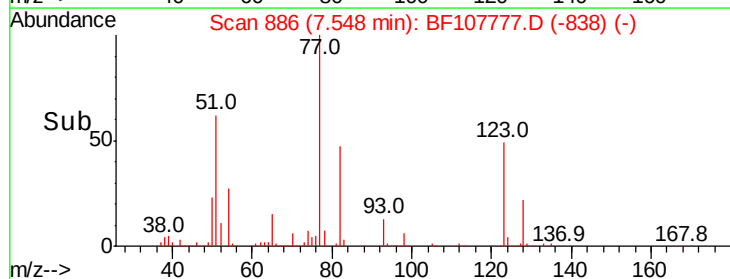
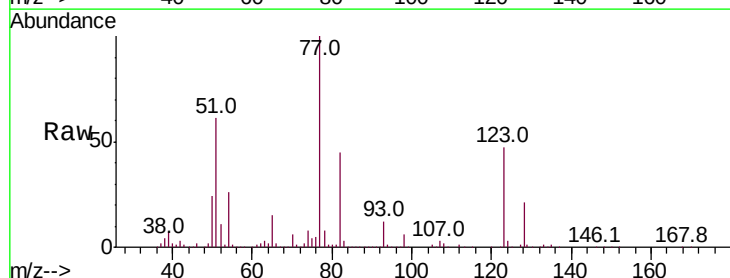
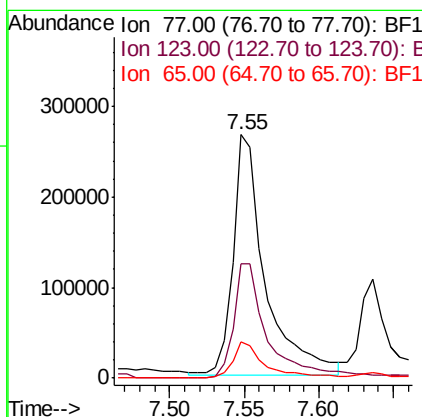
Manual Integrations
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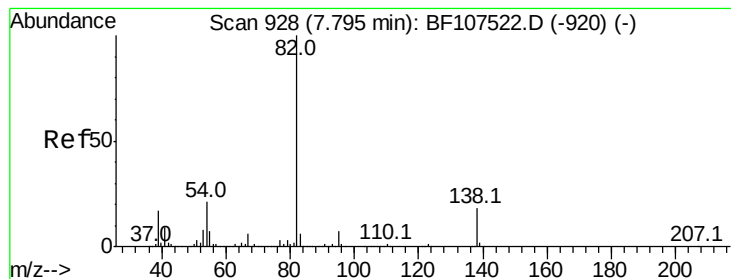
Sohil
 7/30/2018 2:03:41 PM



#24
 Nitrobenzene
 Concen: 40.613 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.2	37.9	56.9	
65	15.1	11.0	16.4	





#25

Isophorone

Concen: 42.931 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

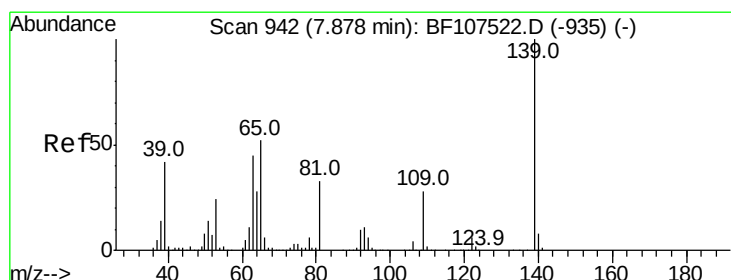
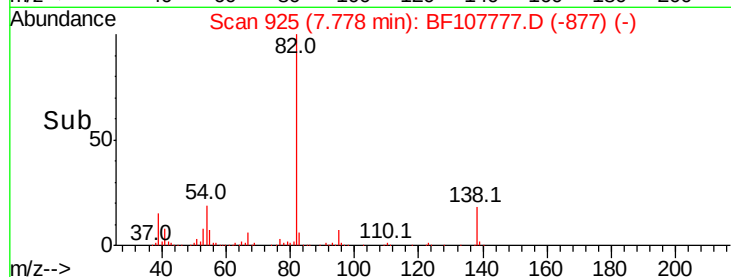
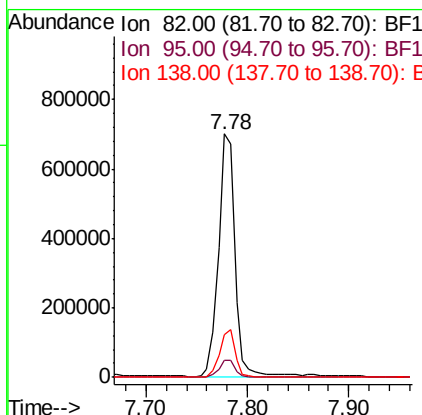
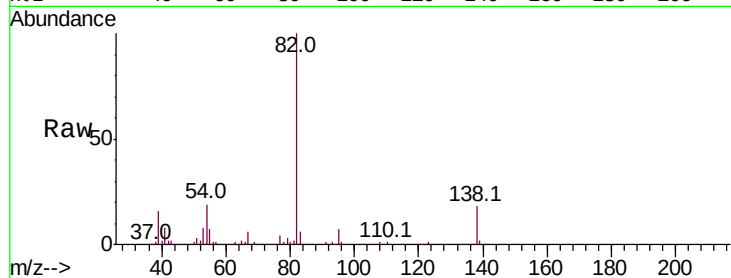
ClientSampleId :

MW-33MS

Tot Ion	82	Resp	791301
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.7	14.9	22.3

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7/30/2018 2:03:41 PM



#26

2-Nitrophenol

Concen: 51.521 ng

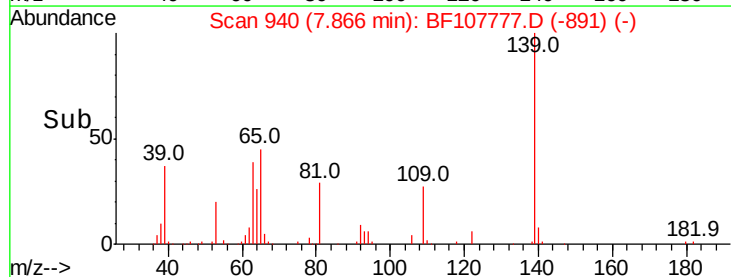
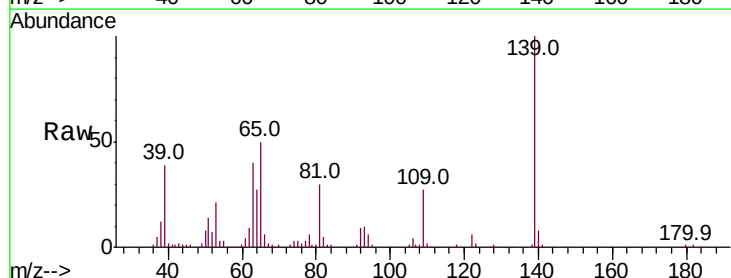
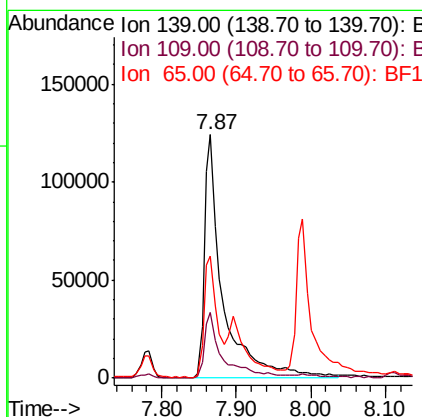
RT: 7.87 min Scan# 940

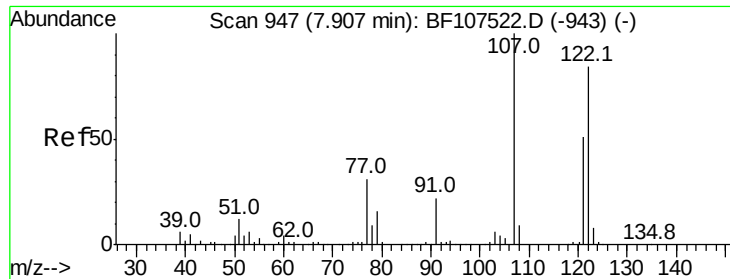
Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion	139	Resp	215124
Ion Ratio	Lower	Upper	
139	100		
109	27.0	22.7	34.1
65	50.2	40.5	60.7





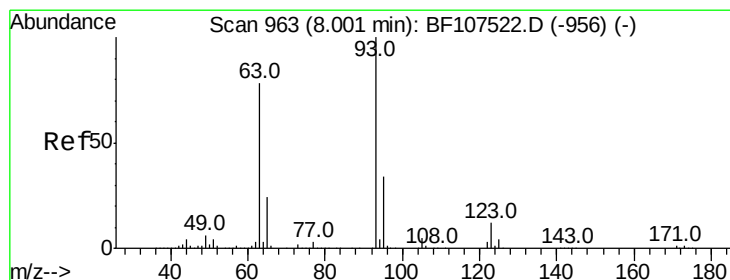
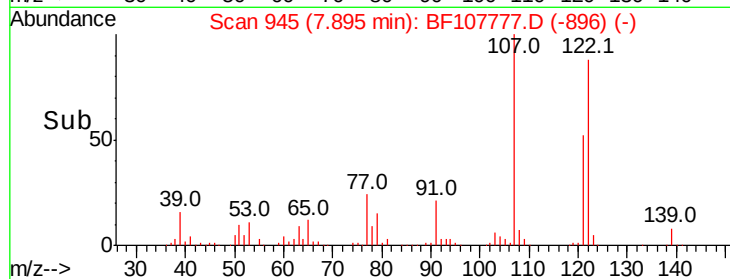
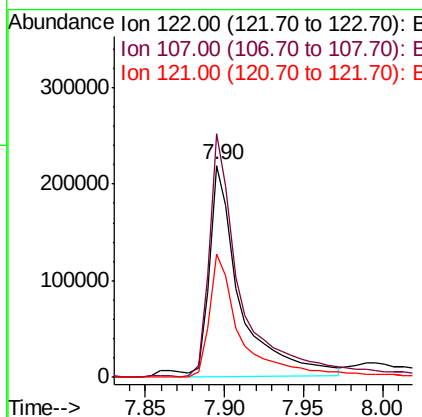
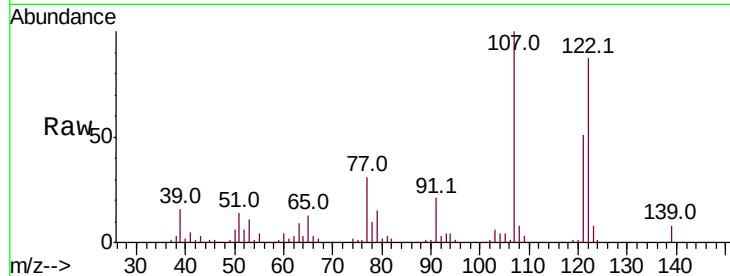
#27
 2,4-Dimethylphenol
 Concen: 37.391 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion:	122	Resp:	295523
Ion Ratio	Lower	Upper	
122	100		
107	114.8	91.2	136.8
121	58.4	47.2	70.8

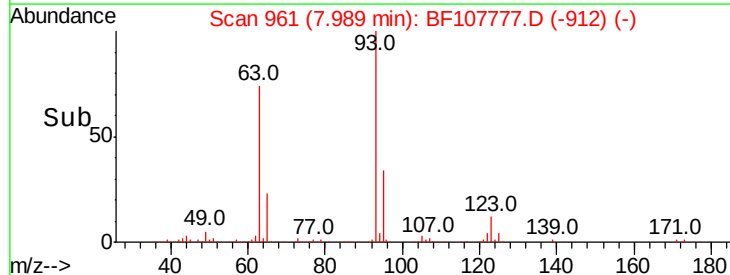
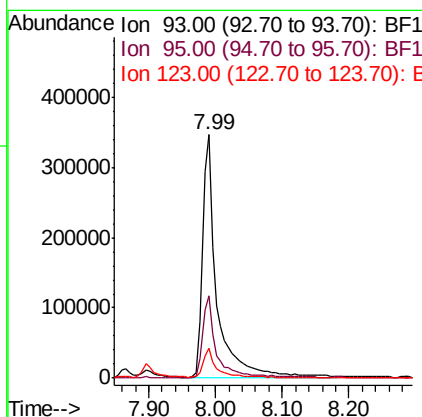
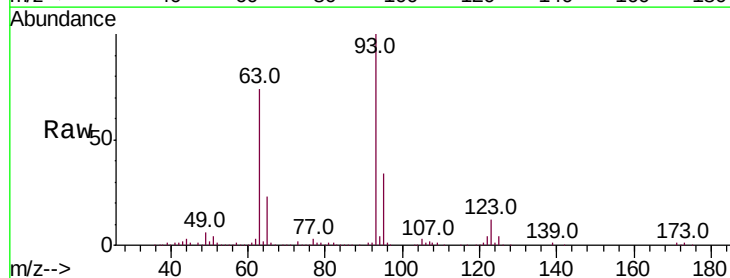
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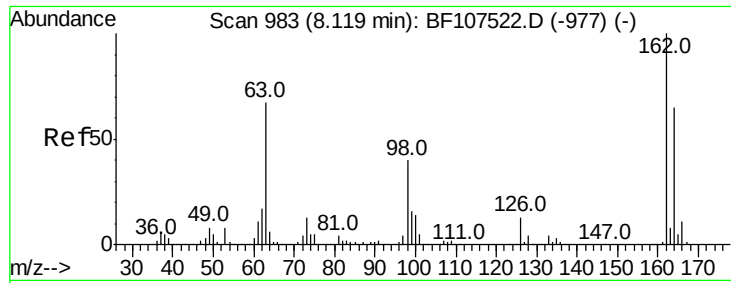
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.395 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion:	93	Resp:	497585
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.3	39.5
123	12.1	9.8	14.6





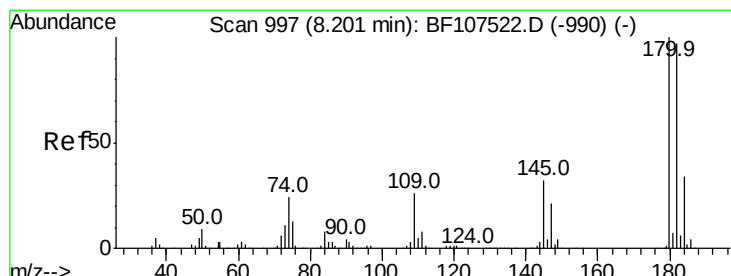
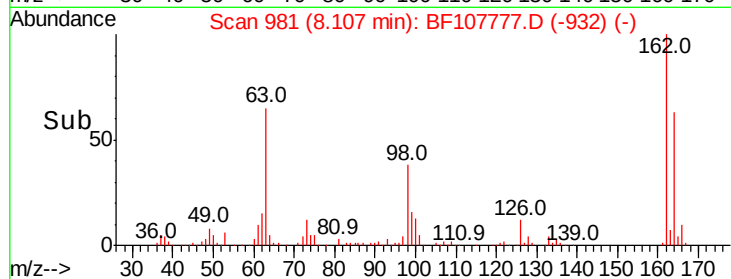
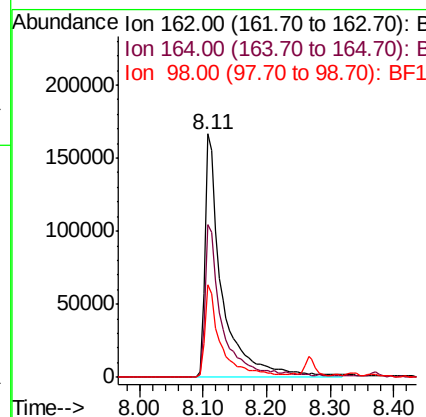
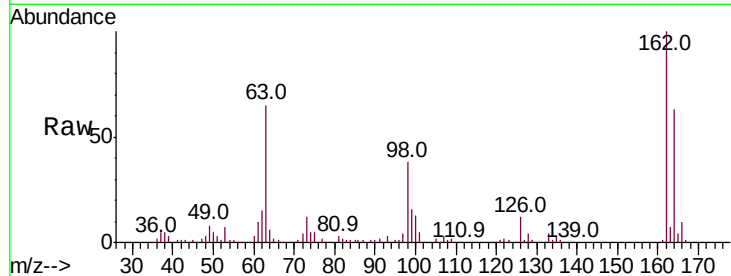
#29
2,4-Dichlorophenol
Concen: 38.602 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	311839		
164	62.8	42.7	82.7	
98	37.8	18.1	58.1	

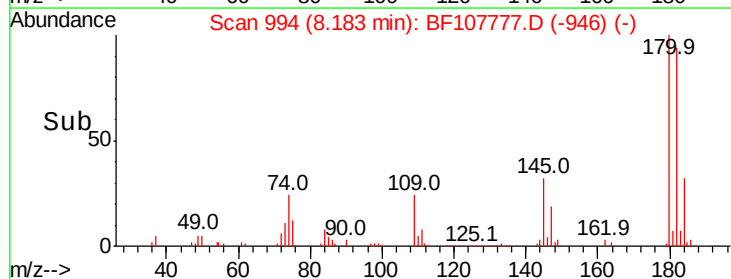
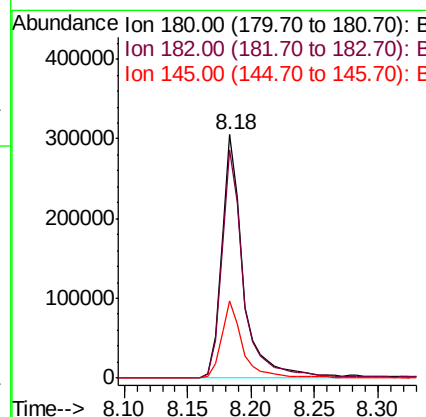
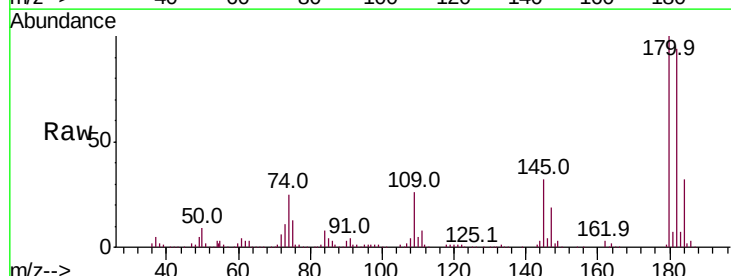
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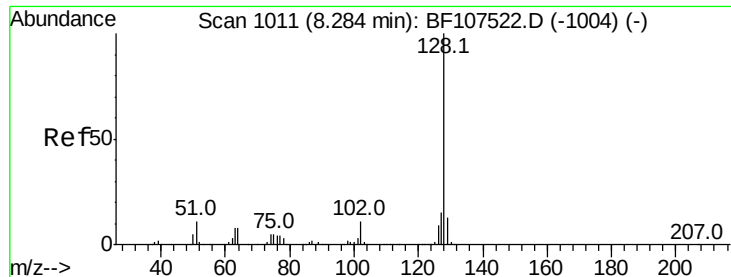
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#30
1,2,4-Trichlorobenzene
Concen: 40.247 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	365171		
182	94.0	76.8	115.2	
145	31.7	26.5	39.7	





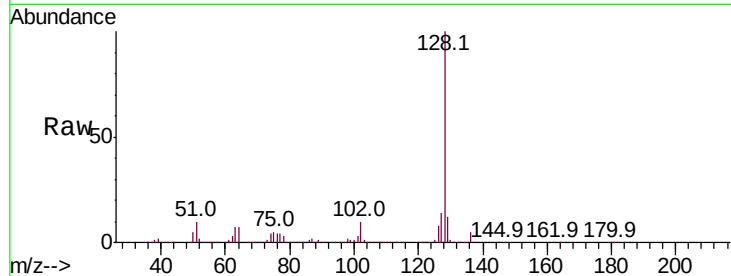
#31
Naphthalene
Concen: 46.623 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

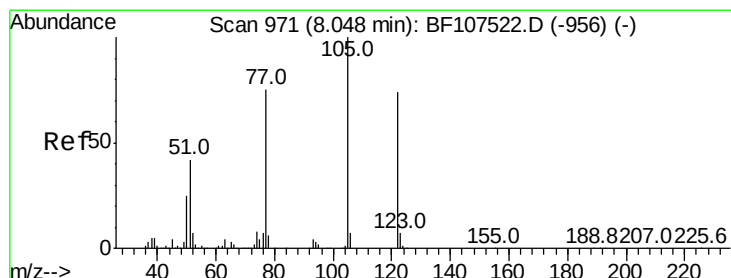
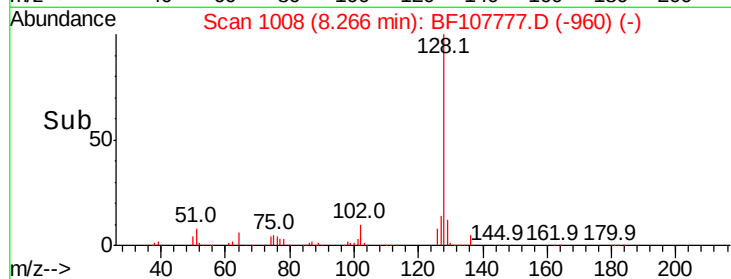
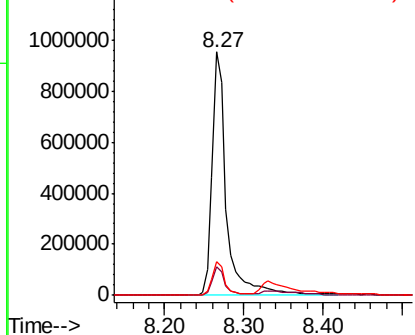
Tot Ion:128 Resp: 1194447
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.7 10.9 16.3

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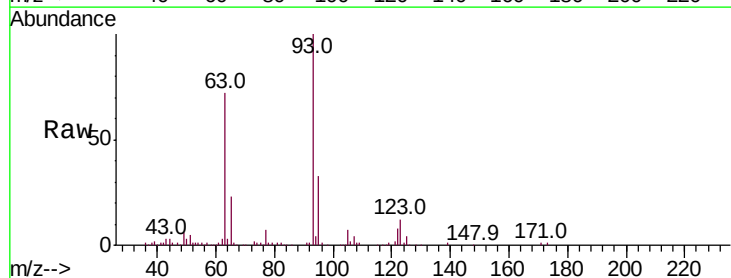


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

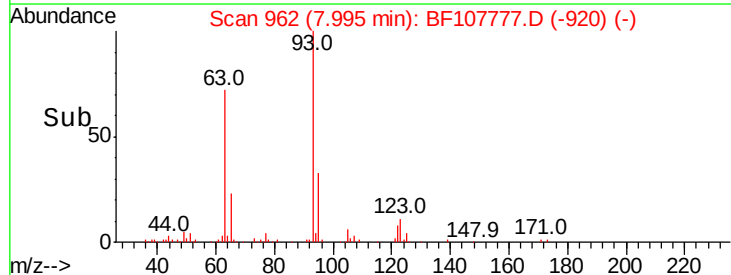
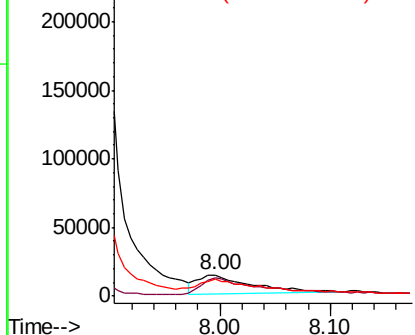


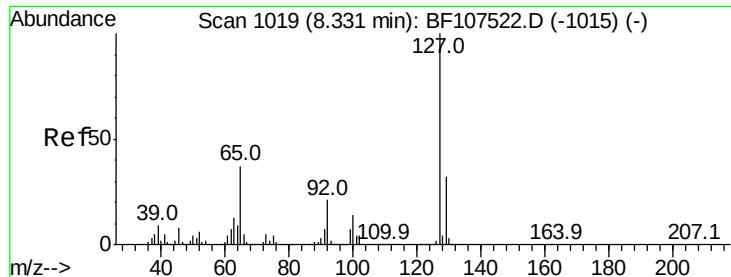
#32
Benzoic acid
Concen: 15.002 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion:122 Resp: 46910
Ion Ratio Lower Upper
122 100
105 84.8 101.1 141.1#
77 79.1 70.7 110.7



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





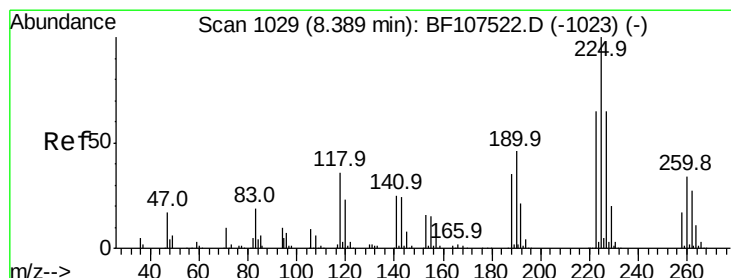
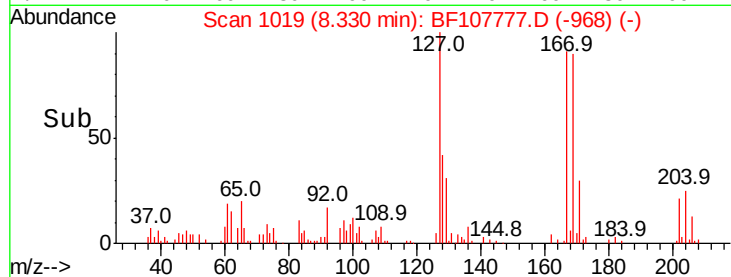
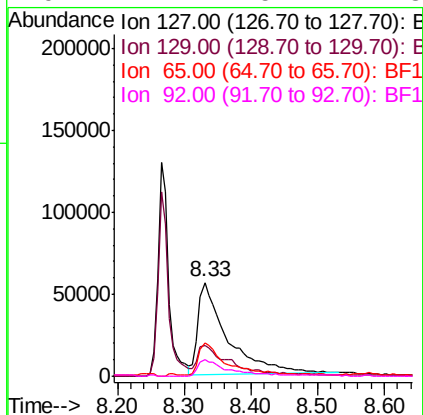
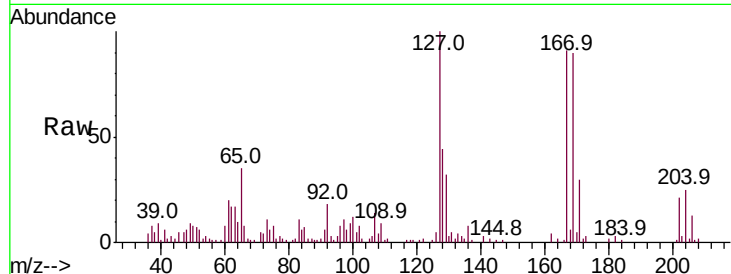
#33
 4-Chloroaniline
 Concen: 15.328 ng
 RT: 8.33 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	34.8	25.0	37.4	
92	17.7	15.2	22.8	

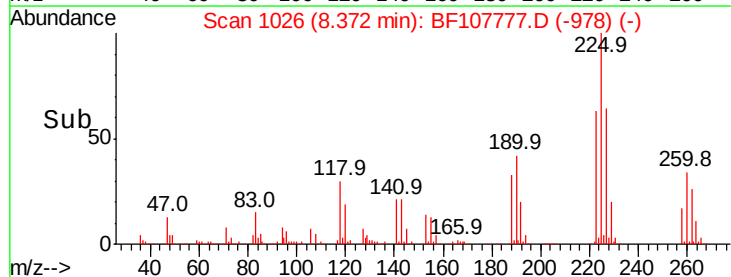
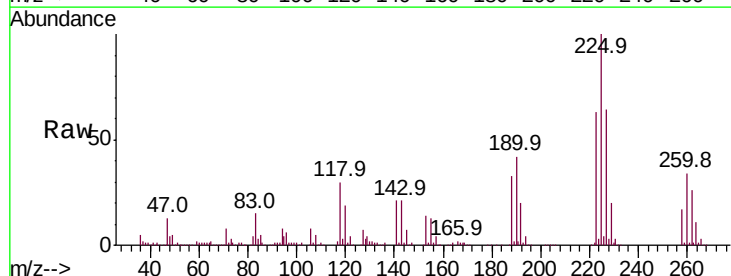
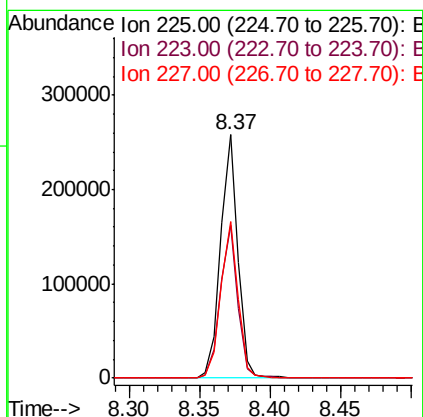
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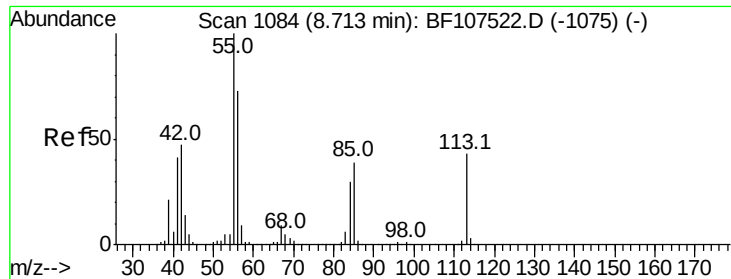
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#34
 Hexachlorobutadiene
 Concen: 41.064 ng
 RT: 8.37 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.6	76.0	
227	64.2	51.9	77.9	





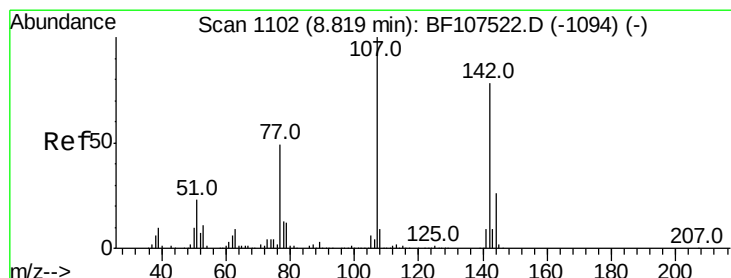
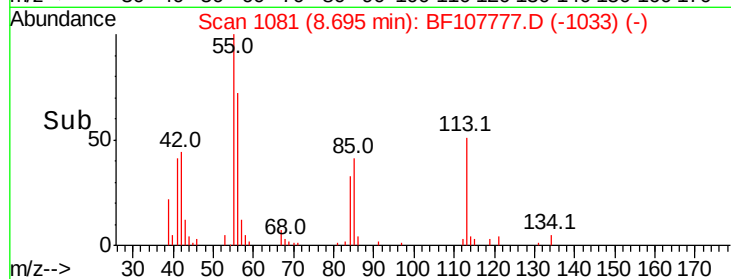
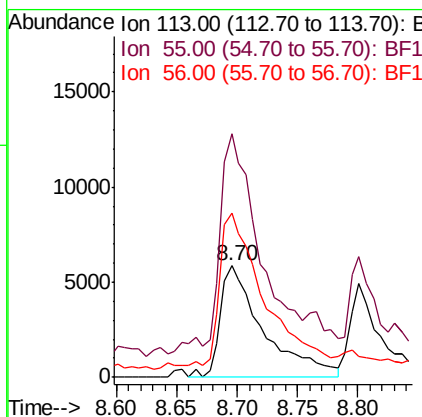
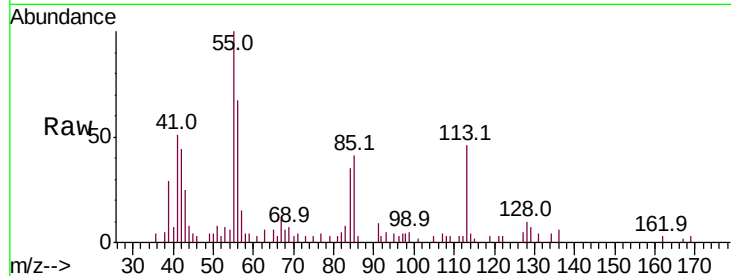
#35
 Caprolactam
 Concen: 5.537 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampled :
 MW-33MS

Tot Ion:113 Resp: 14548
 Ion Ratio Lower Upper
 113 100
 55 218.2 163.3 203.3#
 56 147.2 115.7 155.7

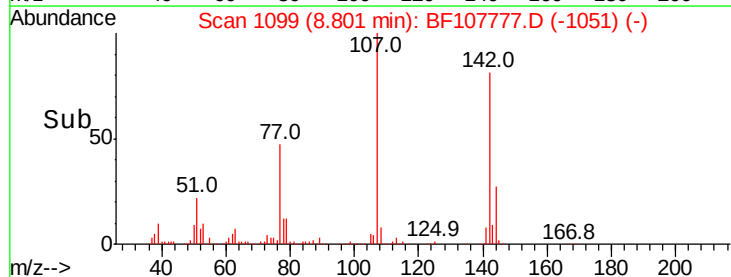
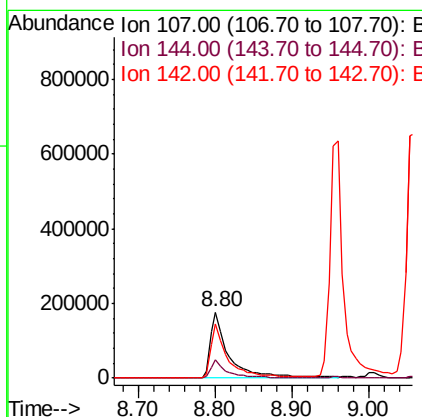
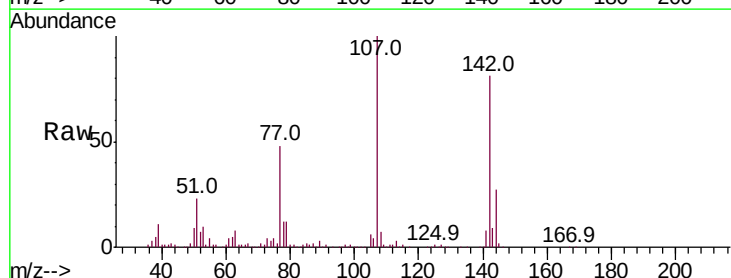
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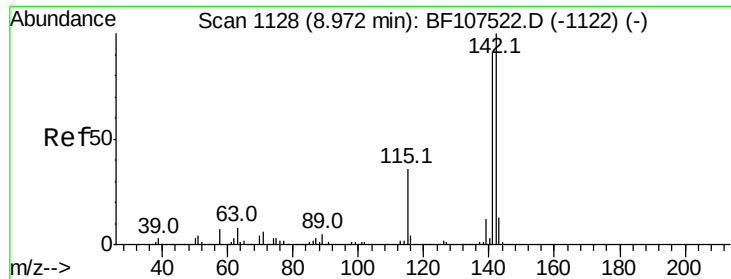
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#36
 4-Chloro-3-methylphenol
 Concen: 32.630 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion:107 Resp: 292810
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 81.2 62.0 93.0





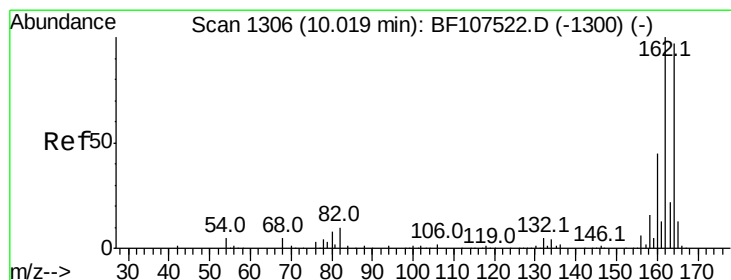
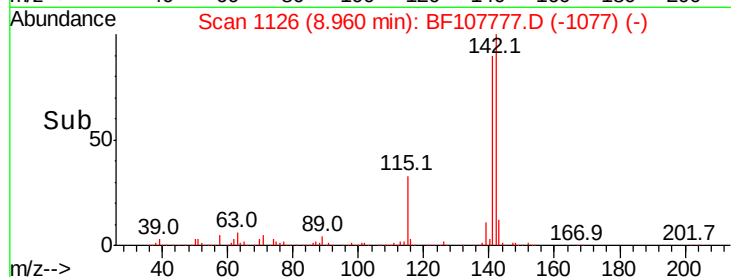
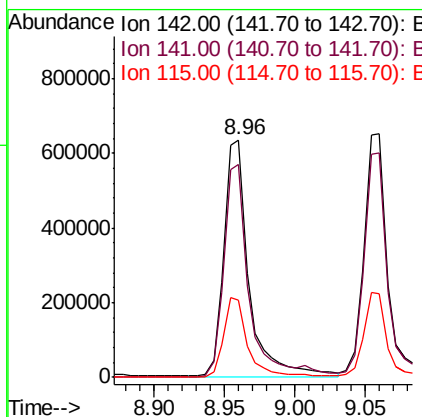
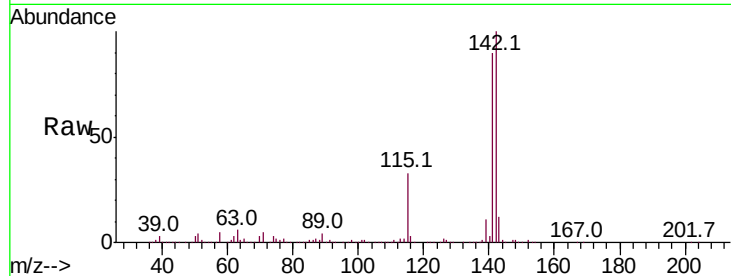
#37
2-Methylnaphthalene
Concen: 44.505 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	790096		
141	89.6		70.8	106.2
115	32.7		26.1	39.1

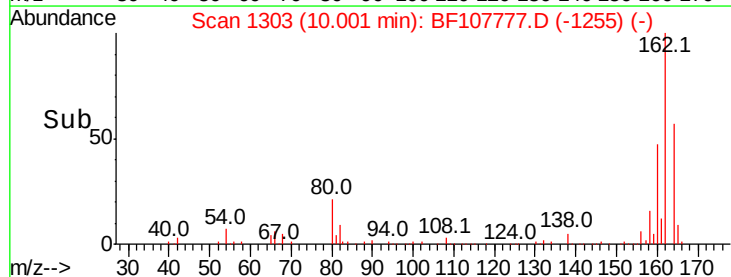
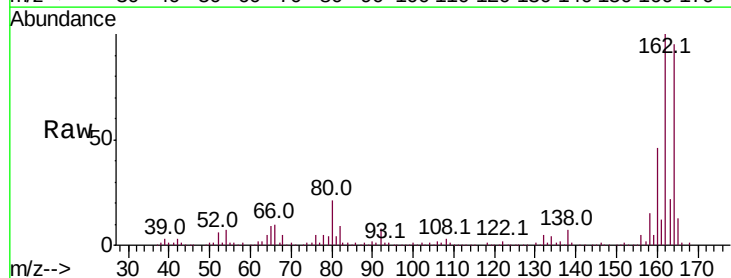
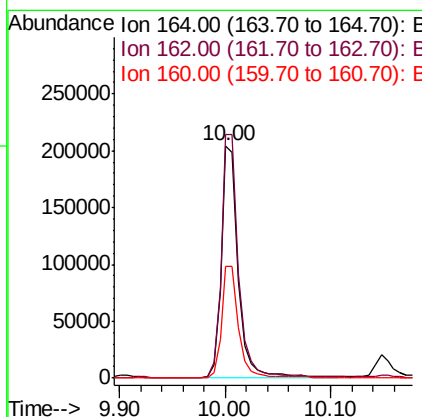
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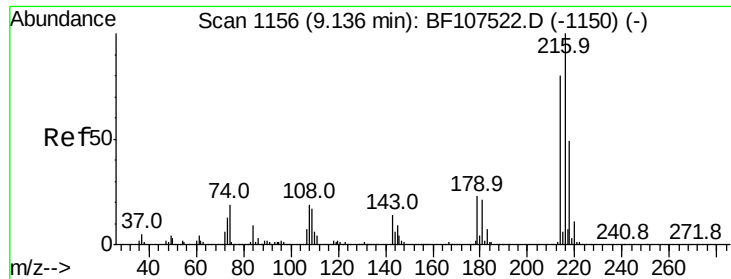
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	229782		
162	104.8		86.1	129.1
160	48.1		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.036 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

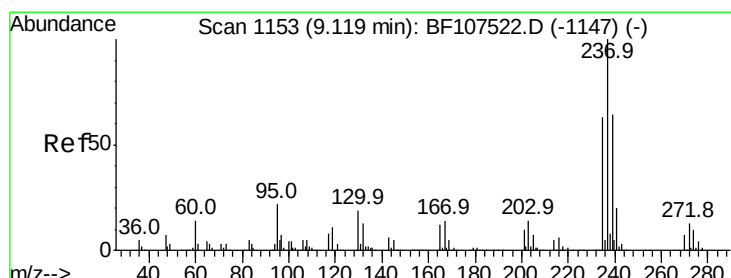
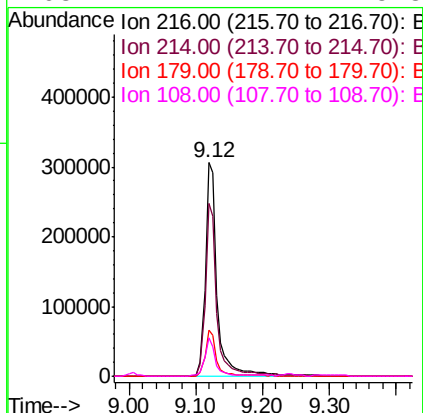
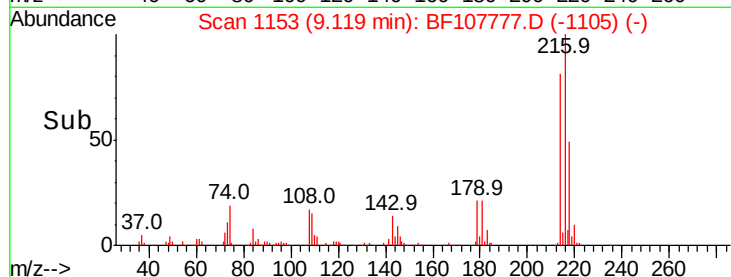
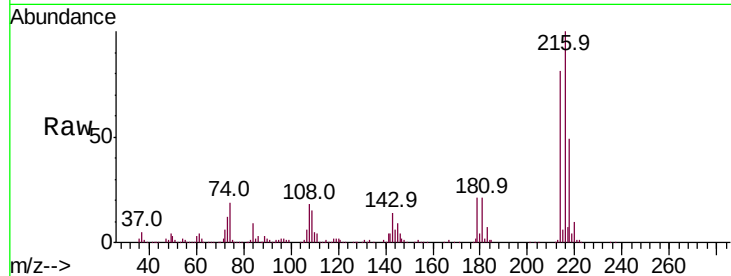
ClientSampleId :

MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.0	94.4	
179	20.5	18.1	27.1	
108	17.4	17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 10.446 ng

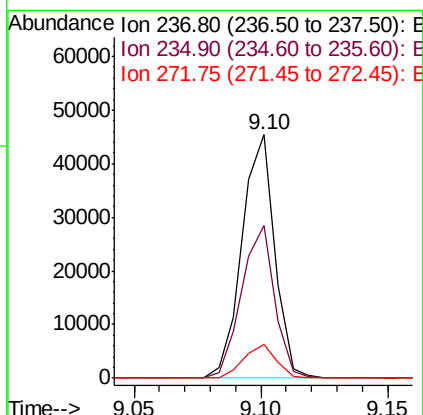
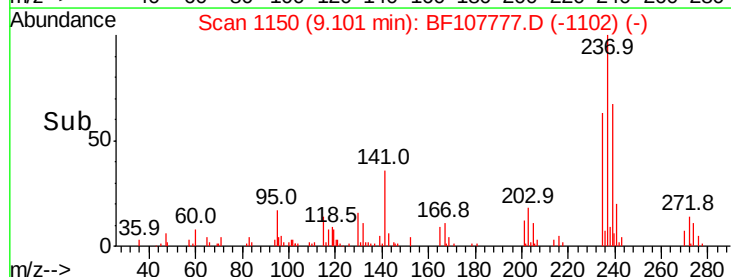
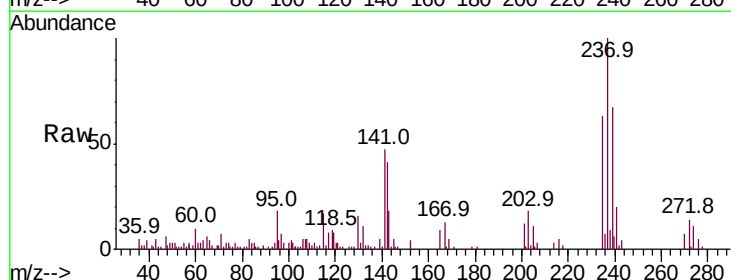
RT: 9.10 min Scan# 1150

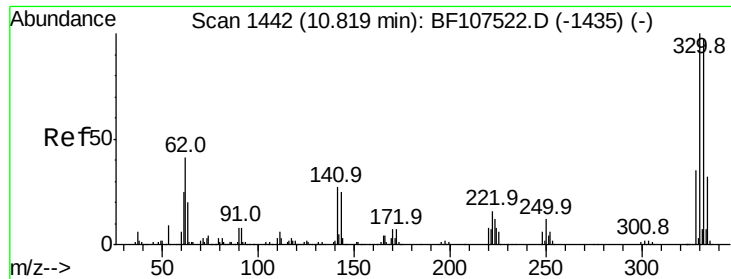
Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.6	44.8	84.8	
272	13.8	0.0	33.3	





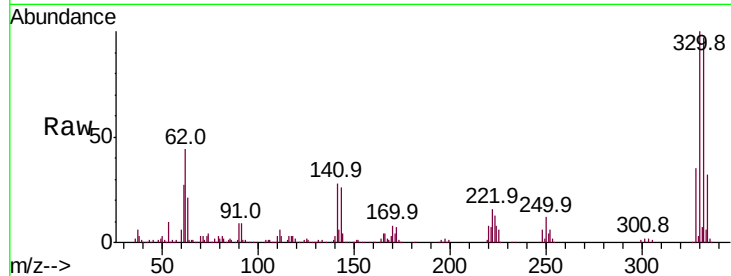
#41
 2,4,6-Tribromophenol
 Concen: 132.563 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.0	77.0	115.6	
141	27.2	29.9	44.9	

Manual Integrations
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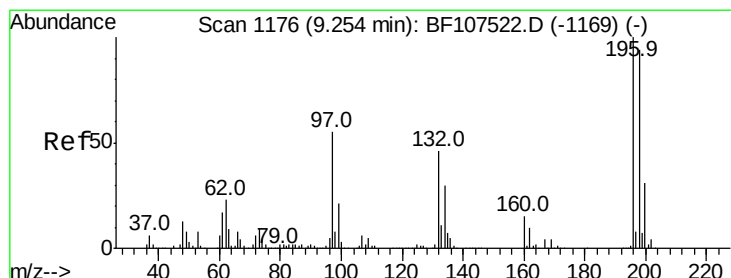
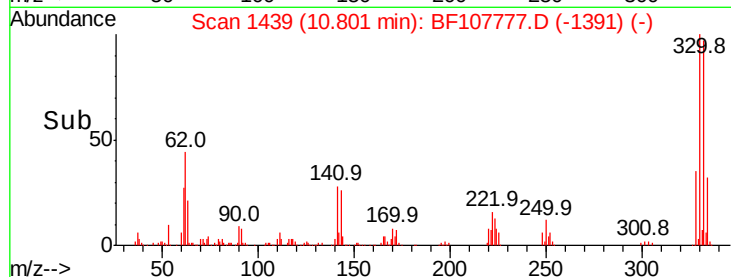
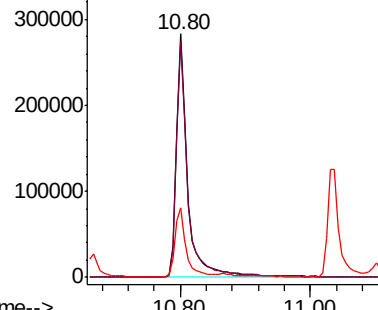


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.939 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

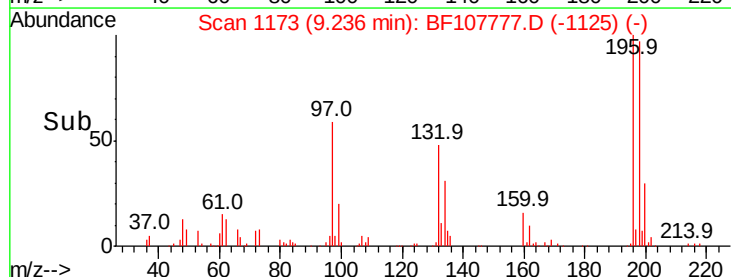
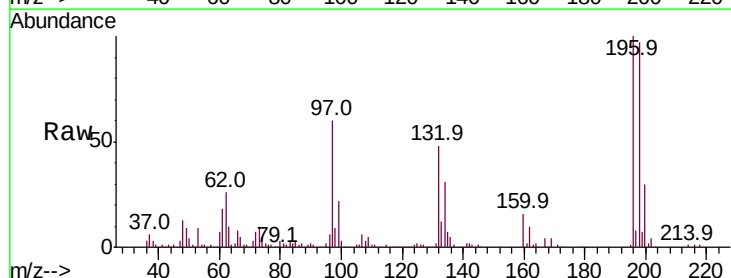
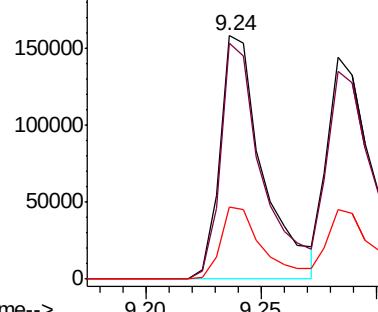
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.0	75.7	113.5	
200	29.7	24.5	36.7	

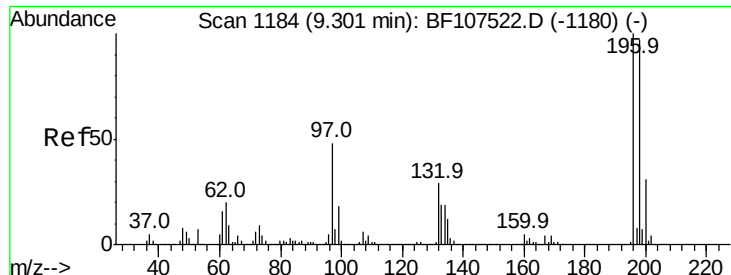
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





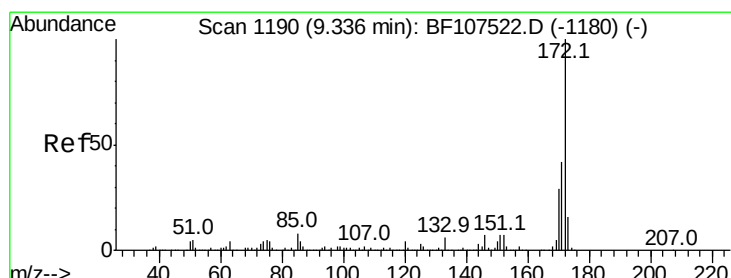
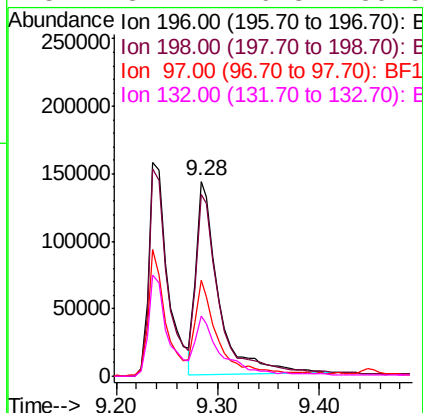
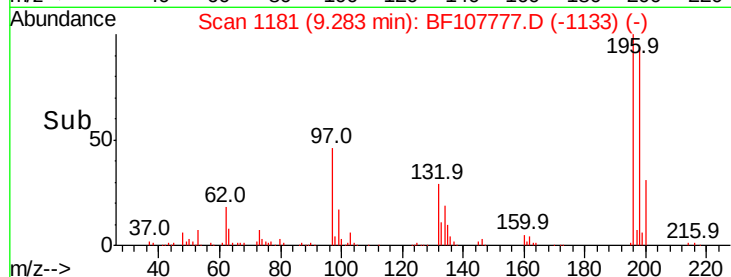
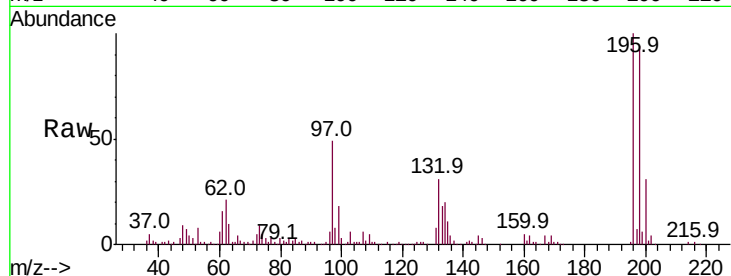
#43
2,4,5-Trichlorophenol
Concen: 43.593 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampled :
MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223511		
198	93.7	74.6	112.0	
97	49.0	42.9	64.3	
132	31.1	26.3	39.5	

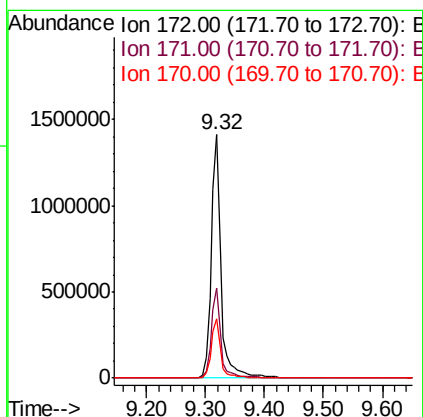
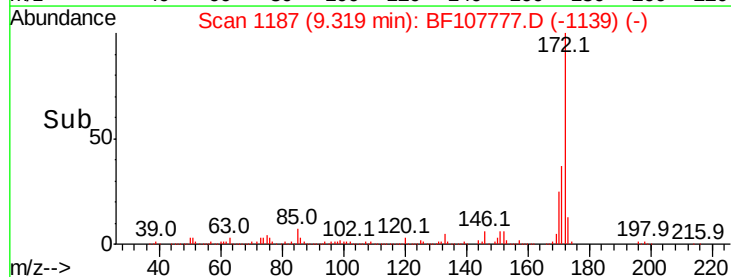
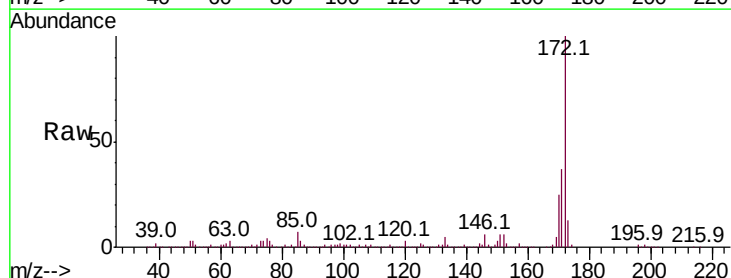
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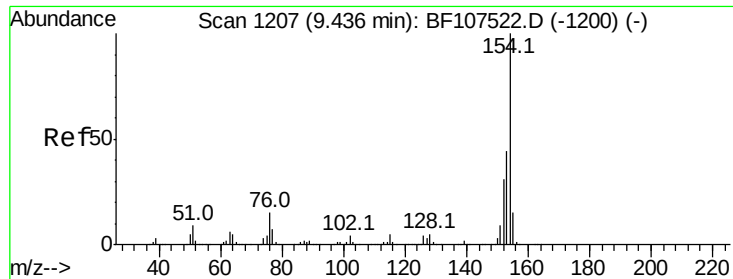
Sohil
7/30/2018 2:03:41 PM



#44
2-Fluorobiphenyl
Concen: 152.921 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1649544		
171	36.8	29.7	44.5	
170	24.6	19.6	29.4	





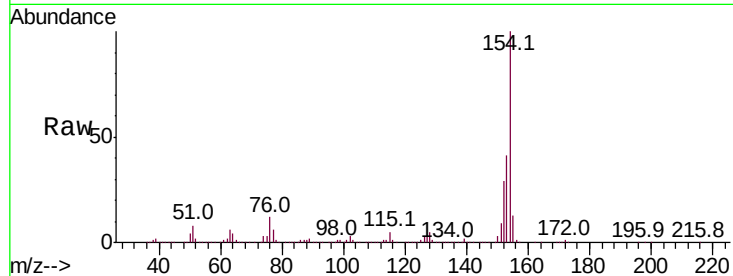
#45
1,1'-Biphenyl
Concen: 49.342 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampled :
MW-33MS

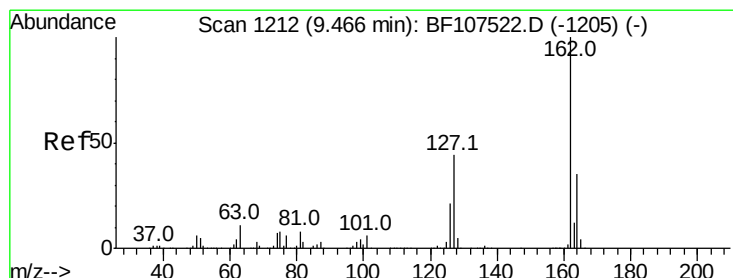
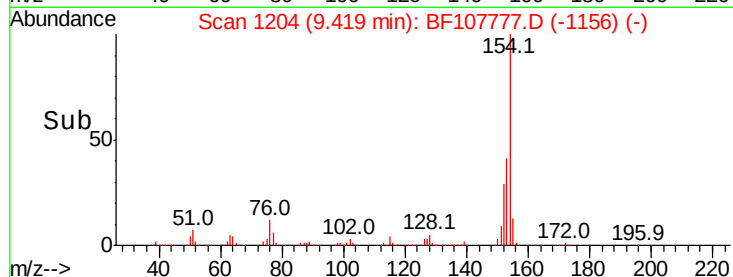
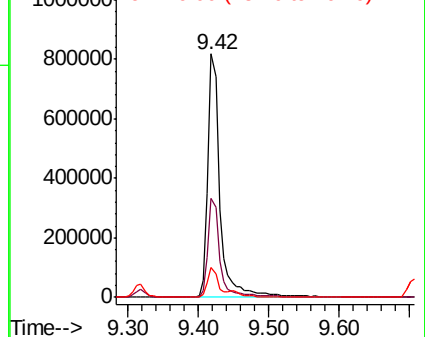
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.4	0.0	34.0

Manual Integrations
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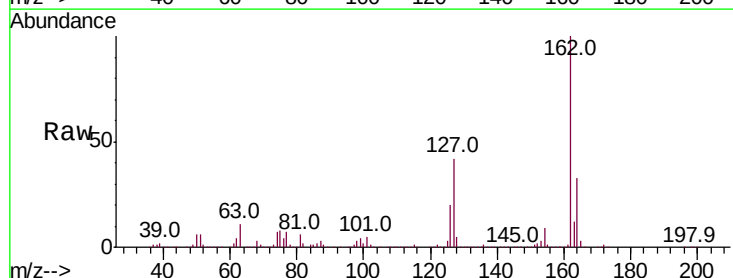


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

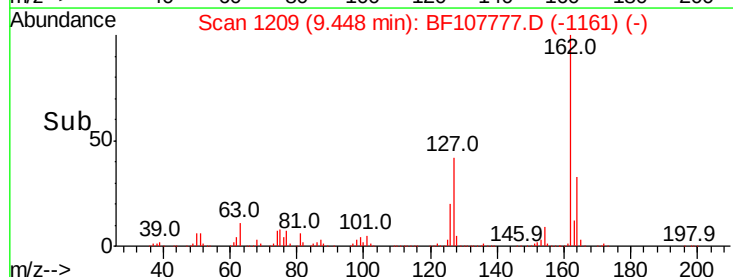
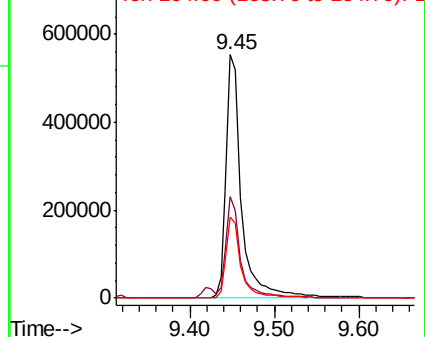


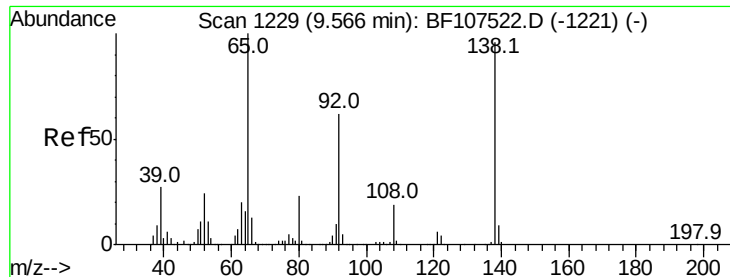
#46
2-Chloronaphthalene
Concen: 46.269 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	33.3	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





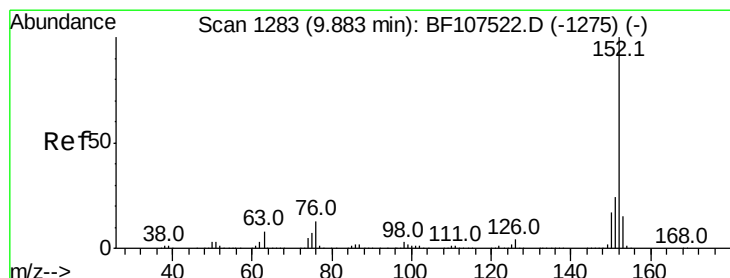
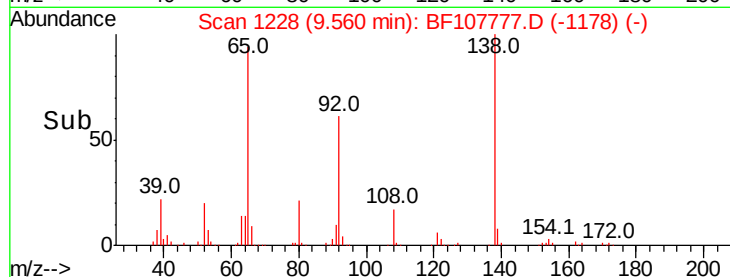
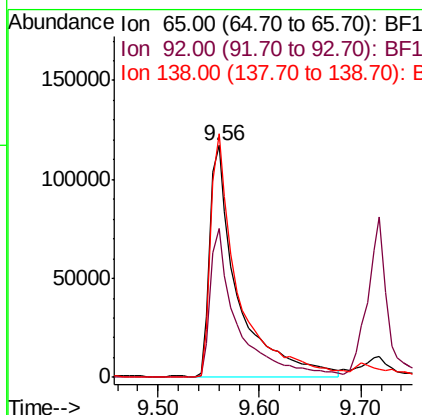
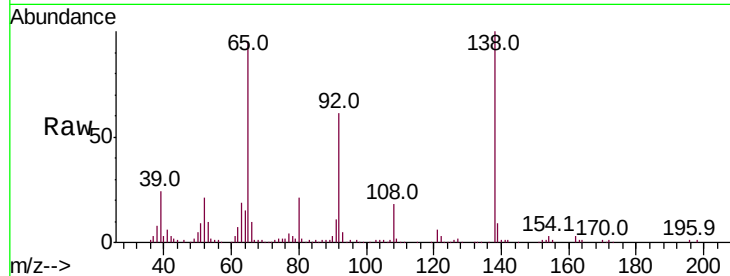
#47
2-Nitroaniline
Concen: 49.715 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.4	55.8	83.6
138	105.1	91.2	136.8

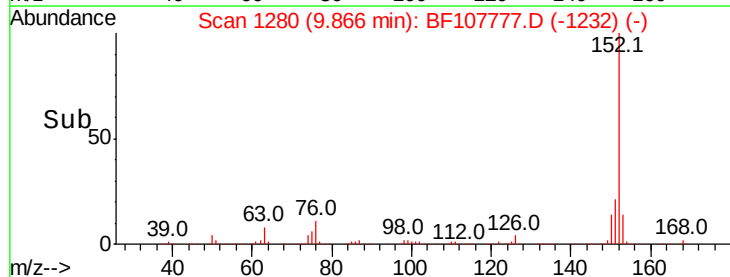
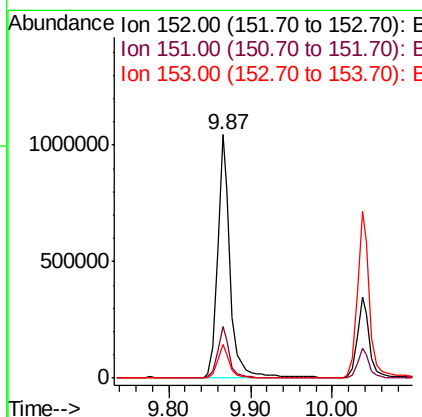
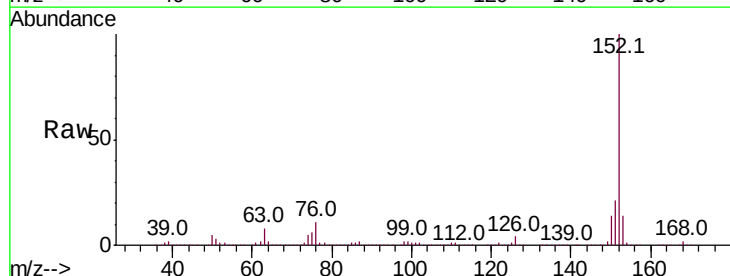
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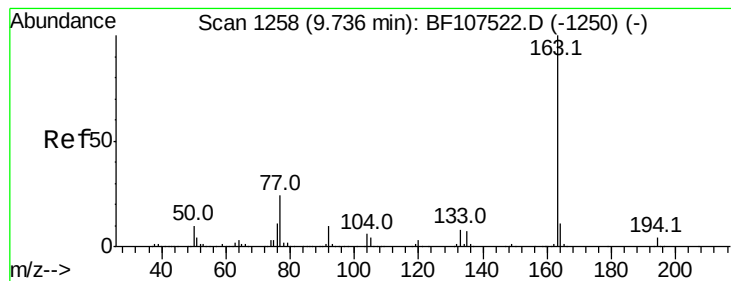
Sohil
7/30/2018 2:03:41 PM



#48
Acenaphthylene
Concen: 48.626 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1





#49

Dimethylphthalate

Concen: 51.548 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

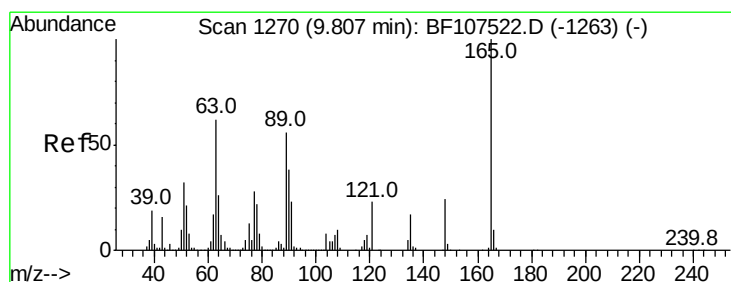
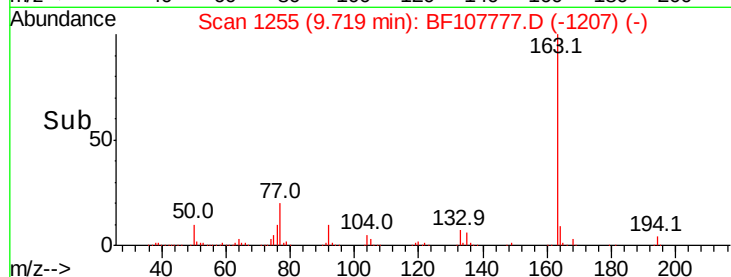
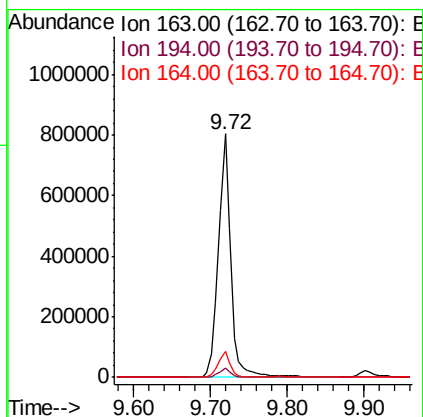
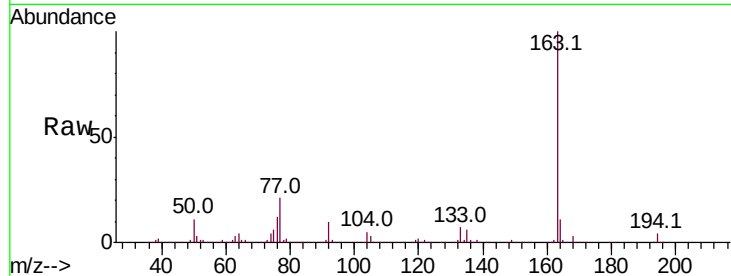
ClientSampled :

MW-33MS

Tot Ion:	163	Resp:	892702
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.8	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 47.523 ng

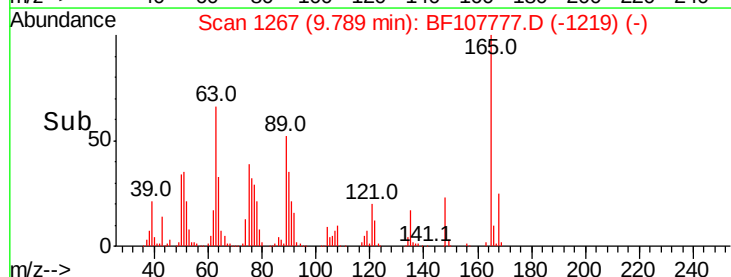
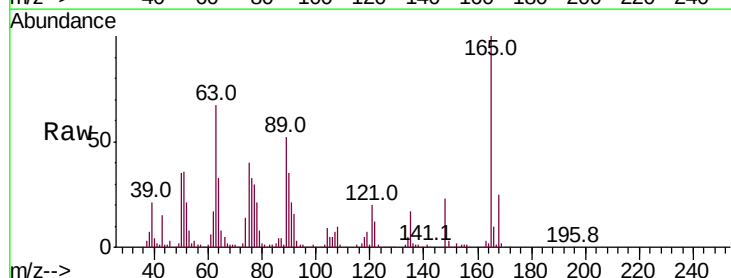
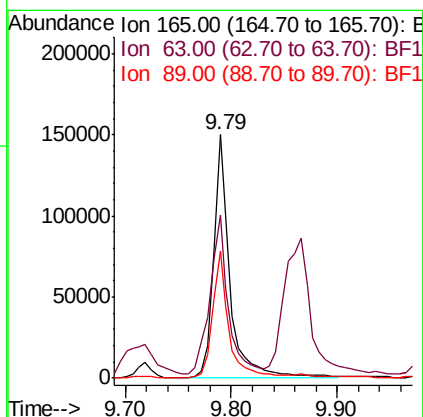
RT: 9.79 min Scan# 1267

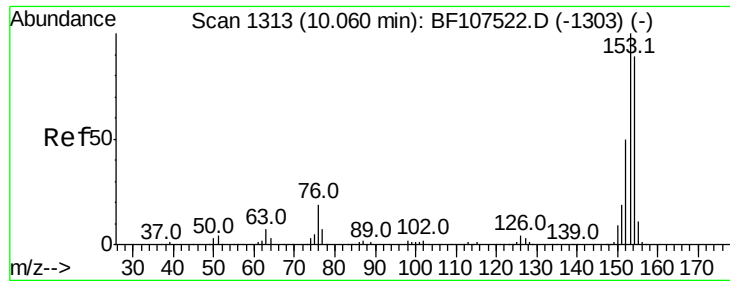
Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion:	165	Resp:	163398
Ion Ratio	Lower	Upper	
165	100		
63	66.8	44.7	67.1
89	52.5	44.0	66.0





#51

Acenaphthene

Concen: 47.428 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

ClientSampleId :

MW-33MS

Tot Ion:154 Resp: 682998

Ion Ratio Lower Upper

154 100

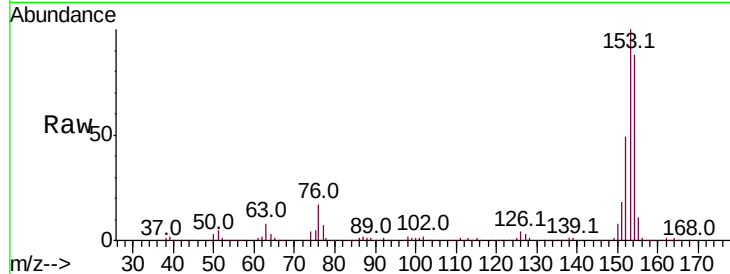
153 114.1 91.2 136.8

152 55.5 43.8 65.8

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Sohil

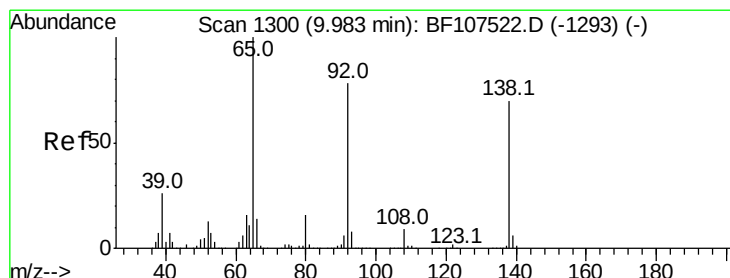
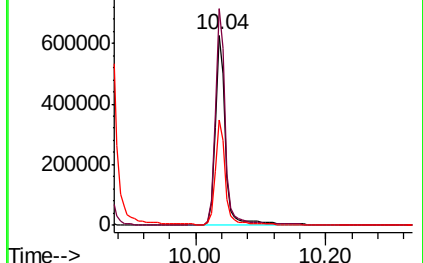
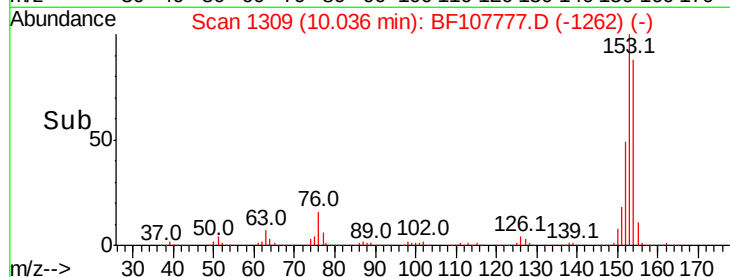
7/30/2018 2:03:41 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.569 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

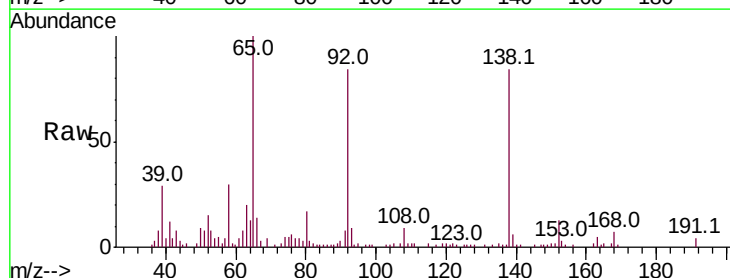
Tgt Ion:138 Resp: 81854

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

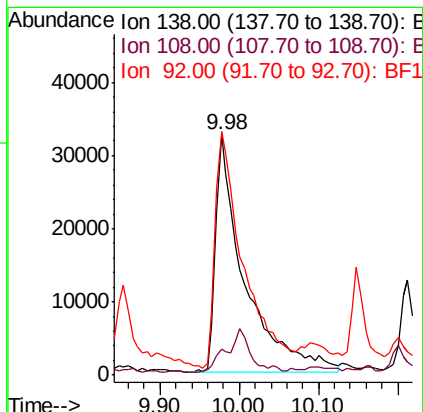
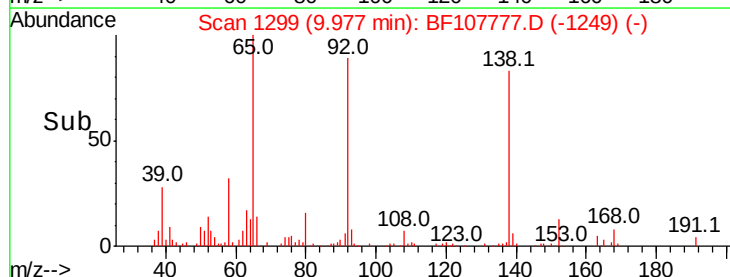
92 101.0 89.4 134.2

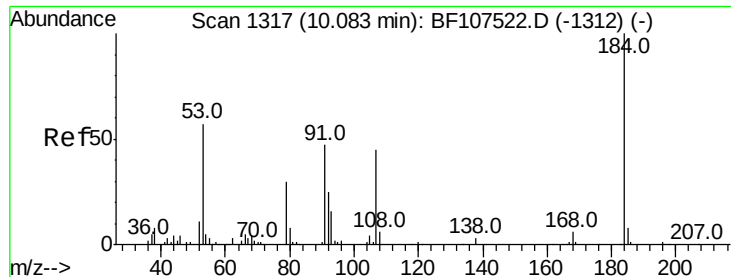


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





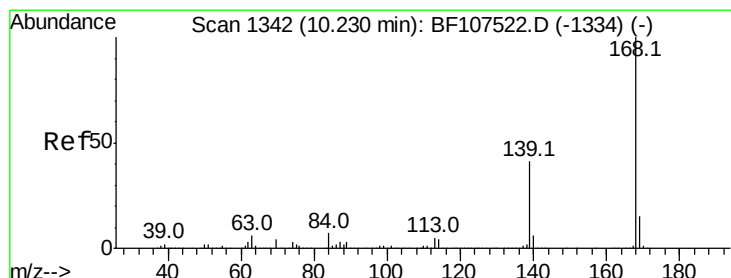
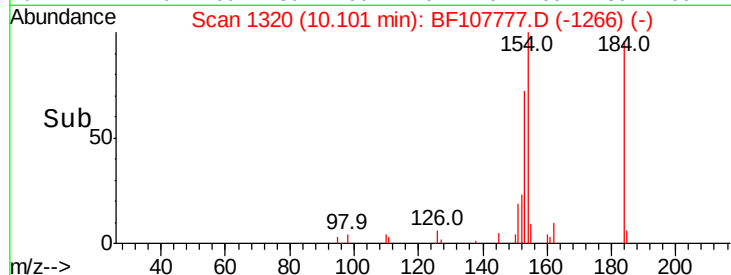
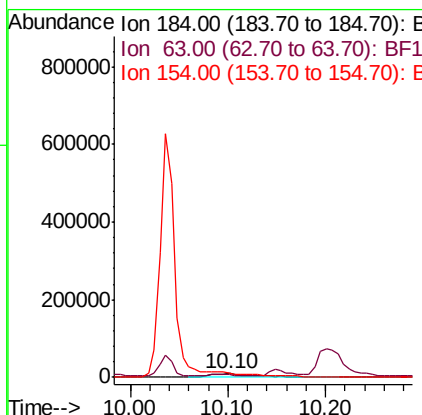
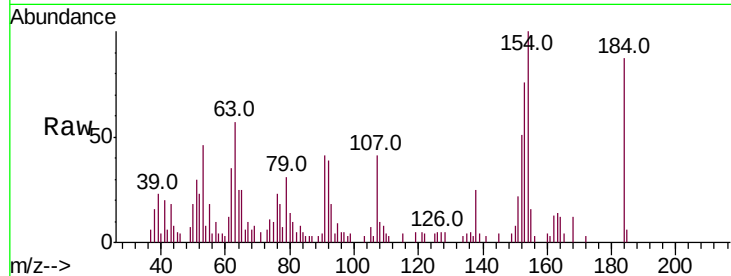
#53
 2,4-Dinitrophenol
 Concen: 31.725 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.9	54.2	81.2
154	114.7	184.0	276.0#

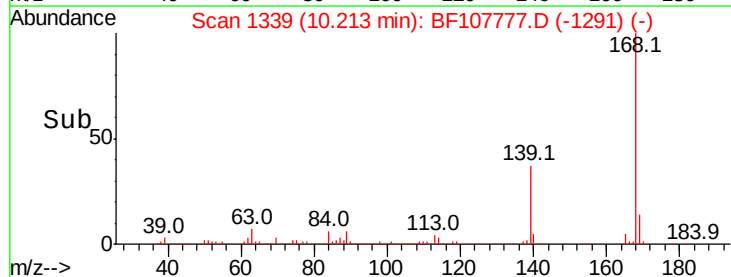
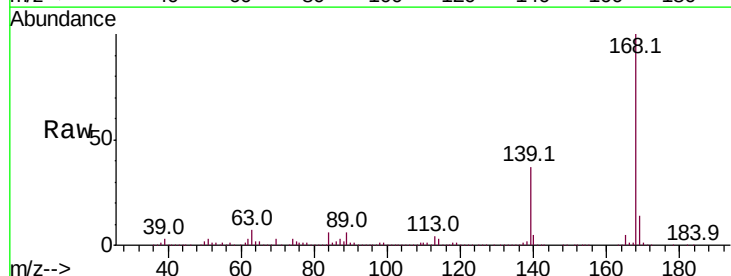
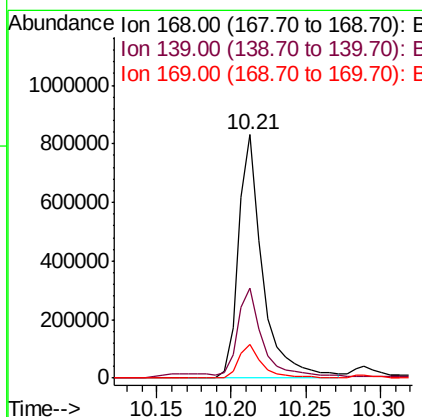
Manual Integrations
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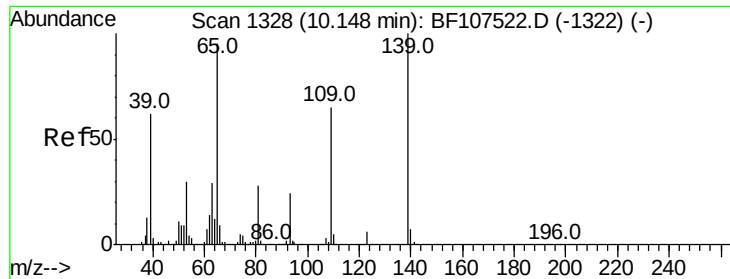
Sohil
 7/30/2018 2:03:41 PM



#54
 Dibenzofuran
 Concen: 44.266 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.6	10.9	16.3





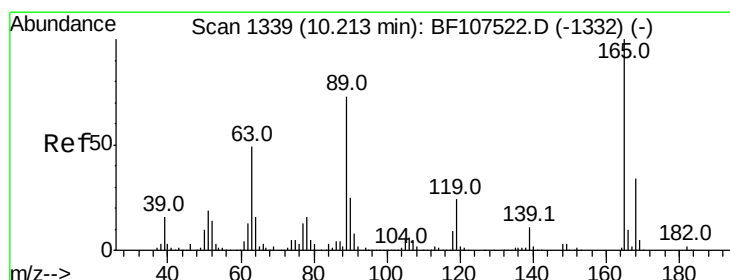
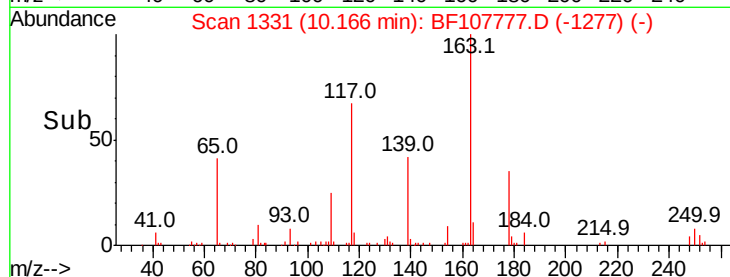
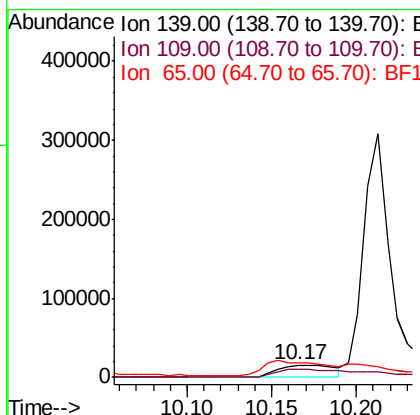
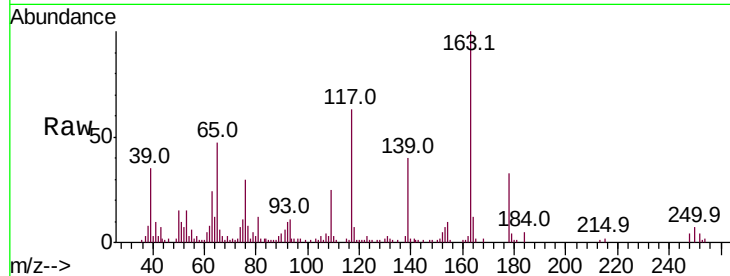
#55
4-Nitrophenol
Concen: 11.462 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampled :
MW-33MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.2	48.4	88.4
65	118.4	72.6	112.6

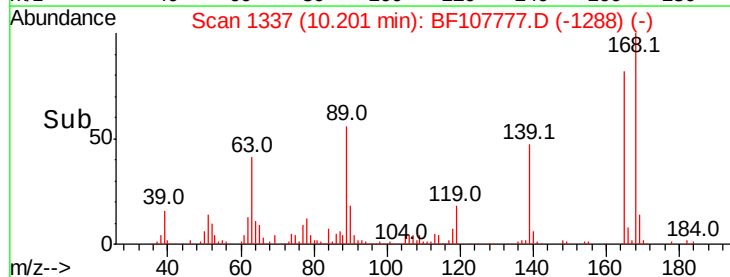
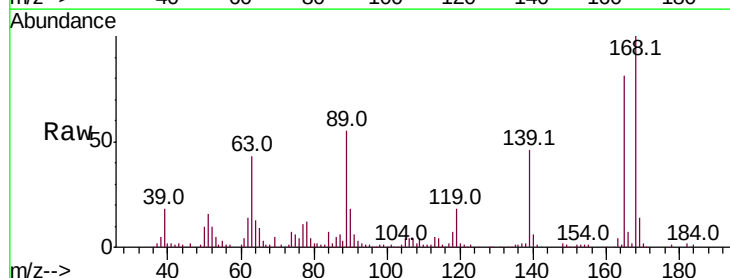
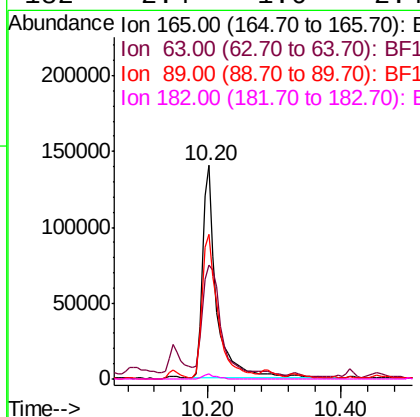
Manual Integrations
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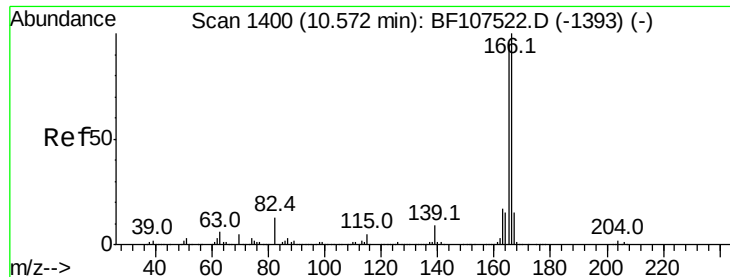
Sohil
7/30/2018 2:03:41 PM



#56
2,4-Dinitrotoluene
Concen: 48.082 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	36.4	54.6
89	67.6	57.8	86.6
182	2.4	1.6	2.4





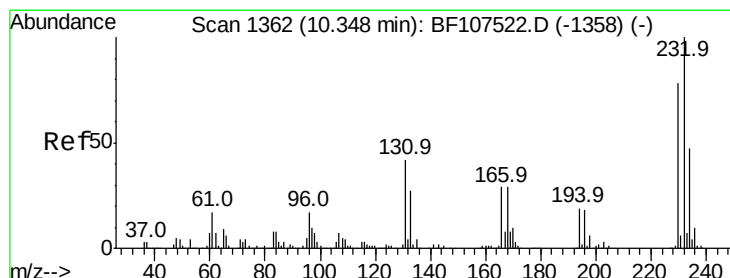
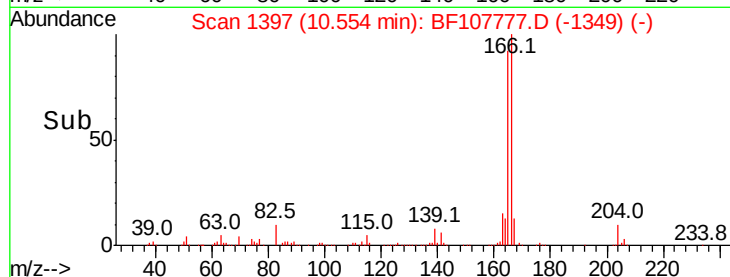
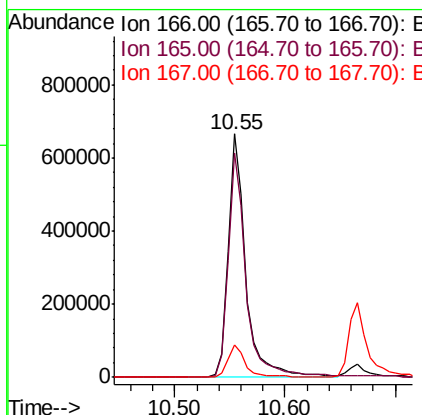
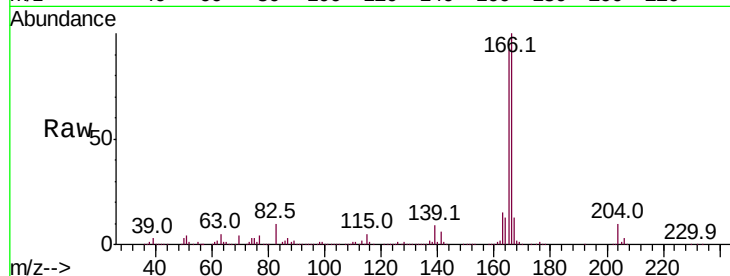
#57
 Fluorene
 Concen: 49.133 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	92.4	79.8	119.8
167	13.2	10.6	16.0

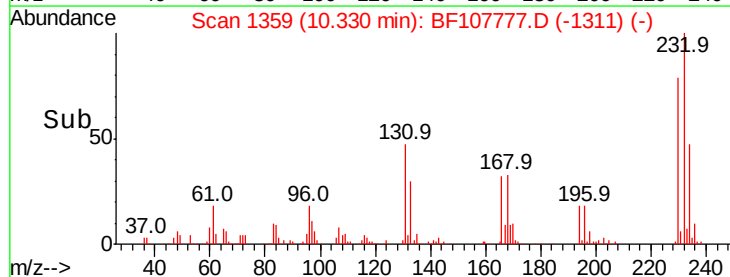
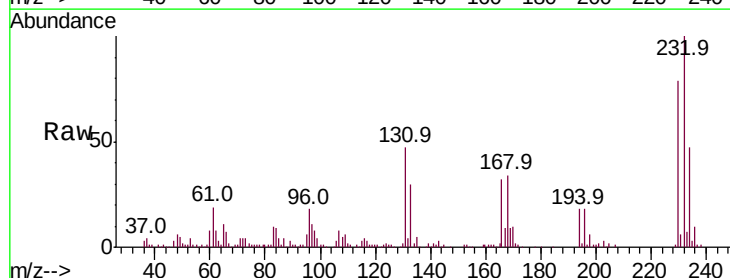
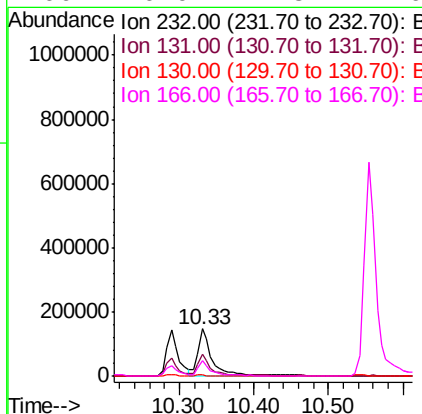
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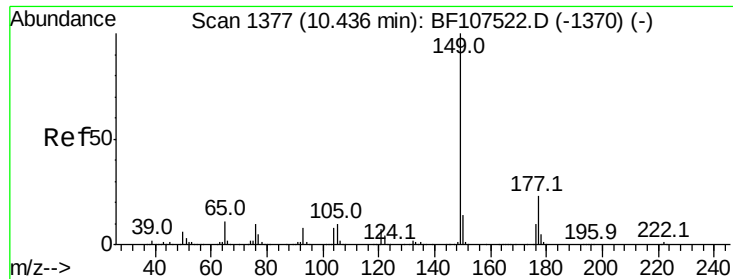
Sohil
 7/30/2018 2:03:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.601 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.5	43.8	65.8#
130	2.1	2.1	3.1#
166	26.0	27.8	41.6#





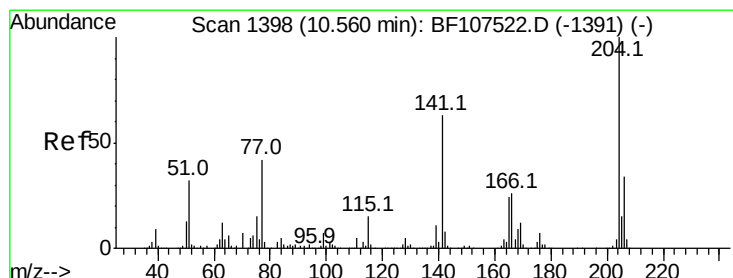
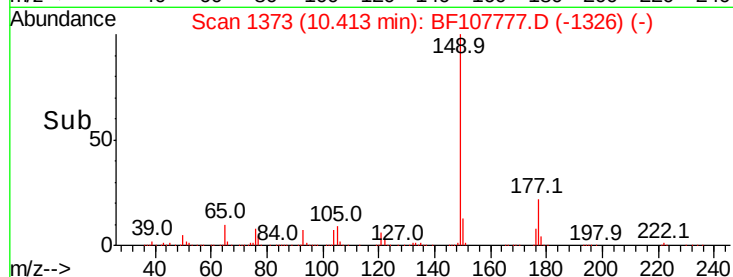
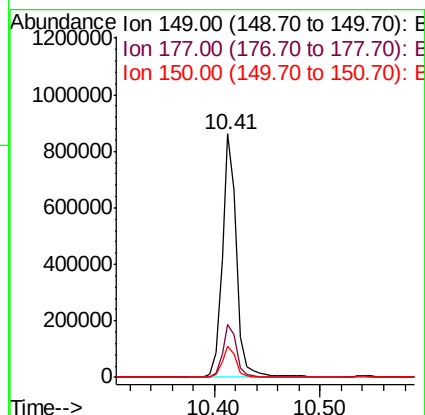
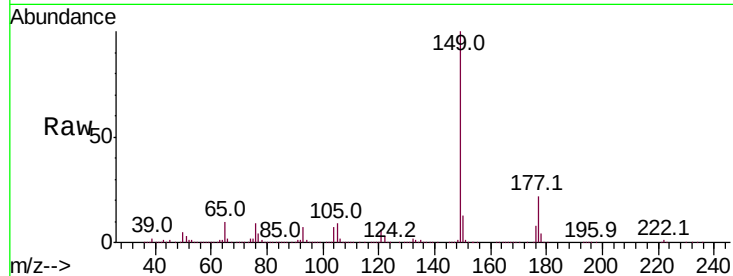
#59
Diethylphthalate
Concen: 45.347 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampled :
MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	820175		
177	21.6	16.1	24.1	
150	12.6	10.1	15.1	

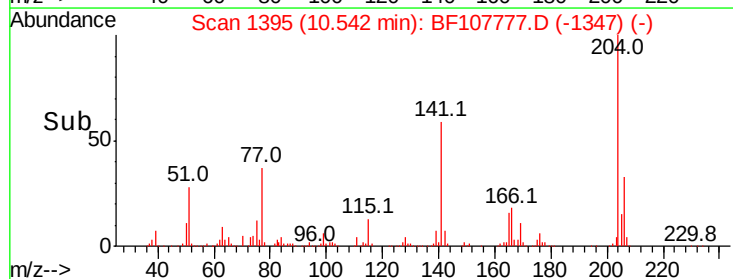
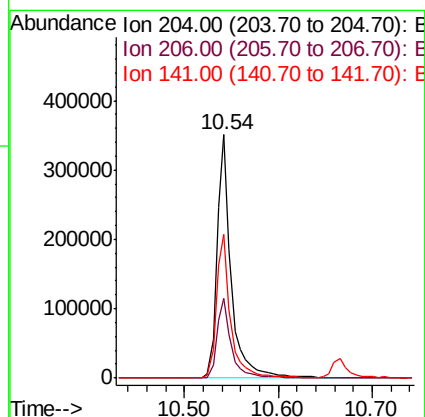
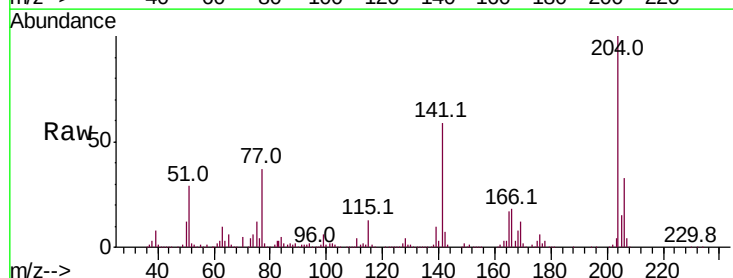
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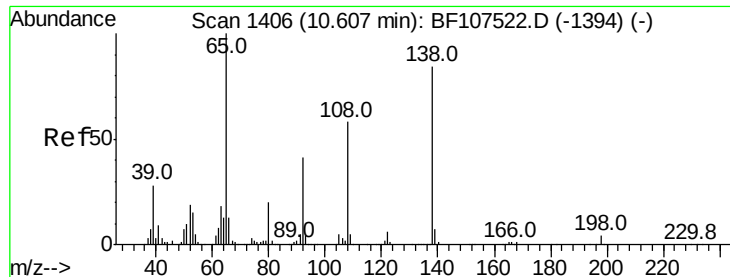
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.665 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	373362		
206	32.7	26.5	39.7	
141	58.8	54.6	81.8	





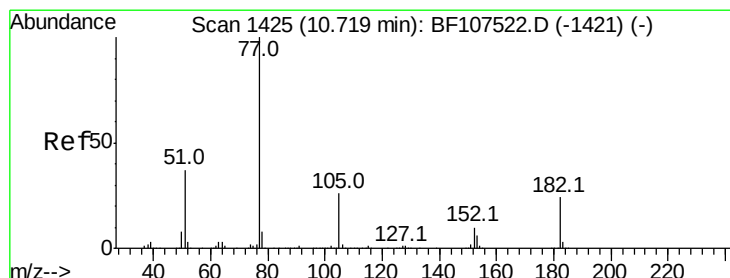
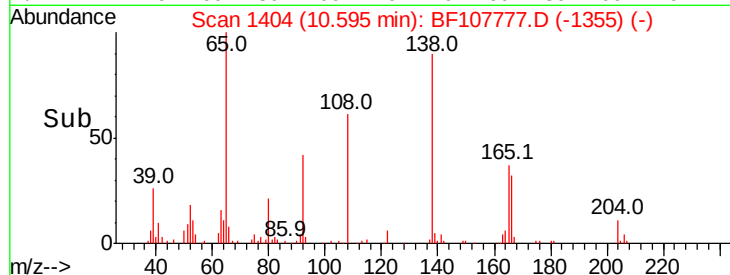
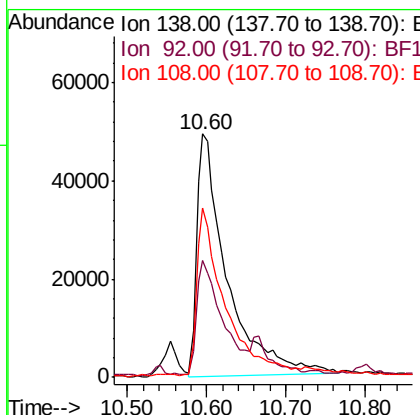
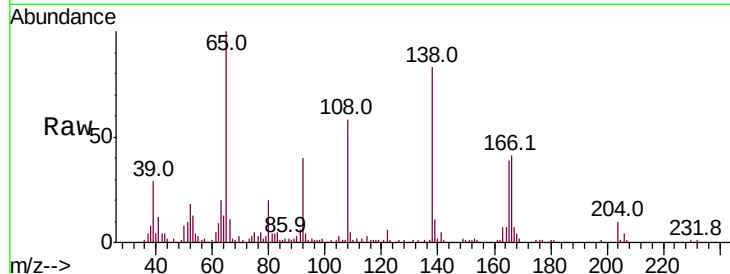
#61
4-Nitroaniline
Concen: 37.137 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.1	30.2	70.2
108	69.7	52.5	92.5

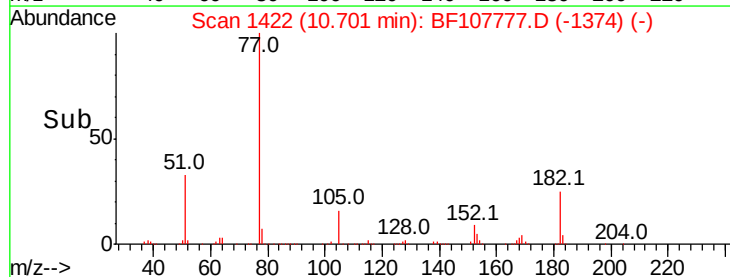
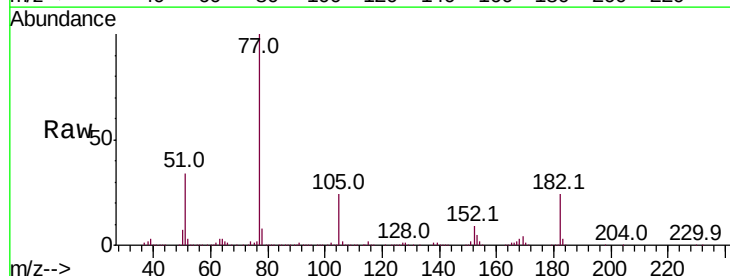
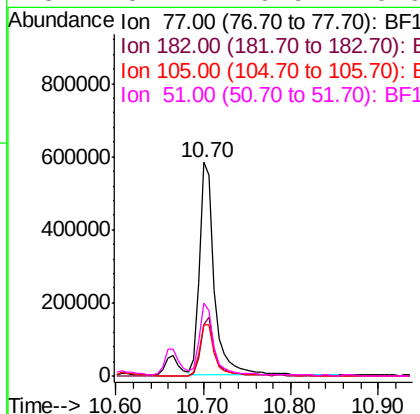
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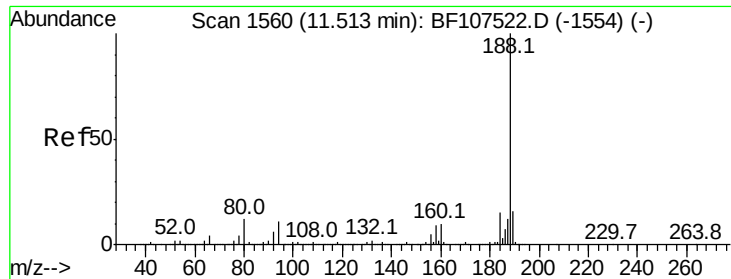
Sohil
7/30/2018 2:03:41 PM



#62
Azobenzene
Concen: 41.121 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	24.2	3.0	43.0
51	34.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

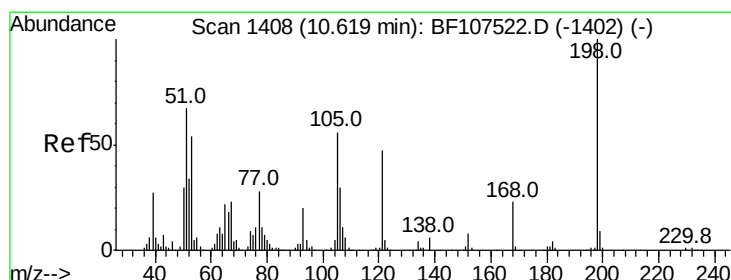
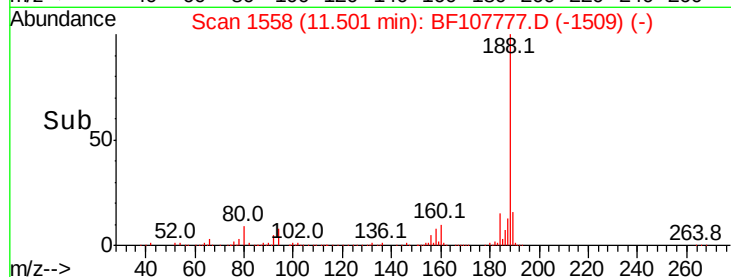
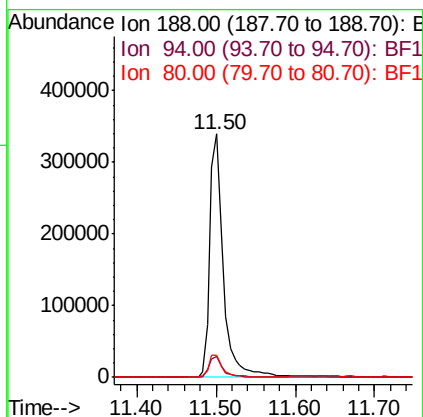
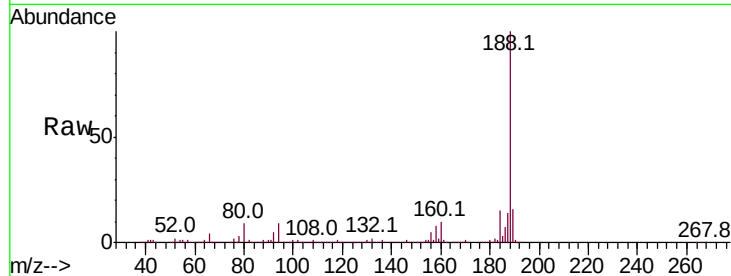
ClientSampleId :

MW-33MS

Tot Ion:	188	Resp:	405893
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.5	12.7
80	9.2	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 21.681 ng

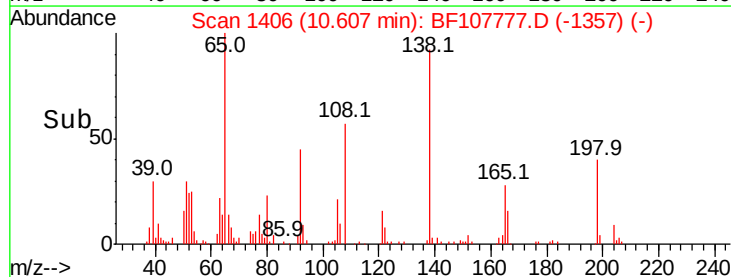
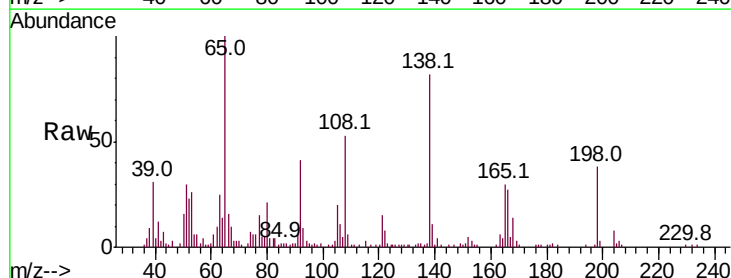
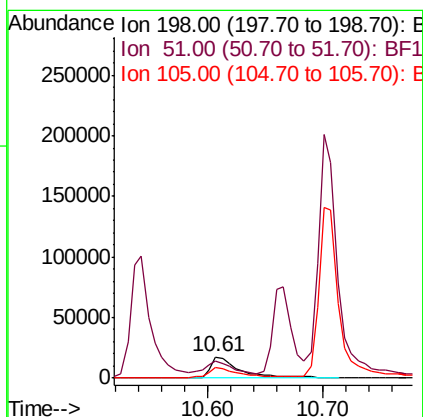
RT: 10.61 min Scan# 1406

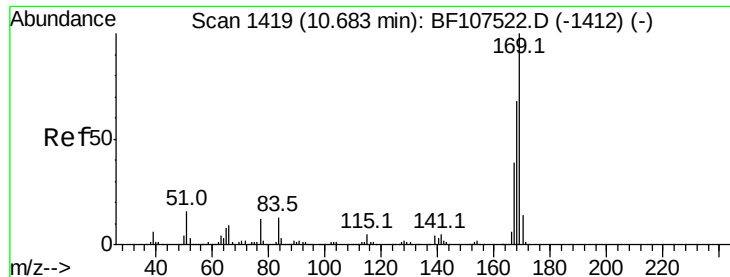
Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion:	198	Resp:	31097
Ion Ratio	Lower	Upper	
198	100		
51	77.6	37.7	77.7
105	51.5	36.3	76.3





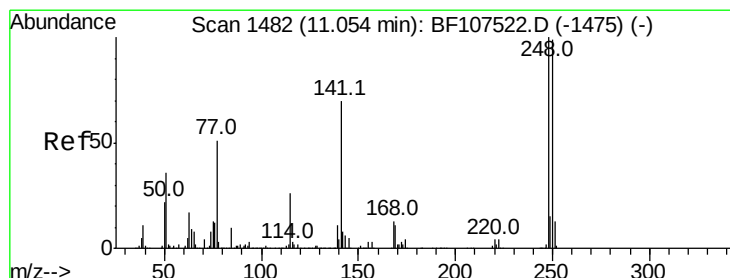
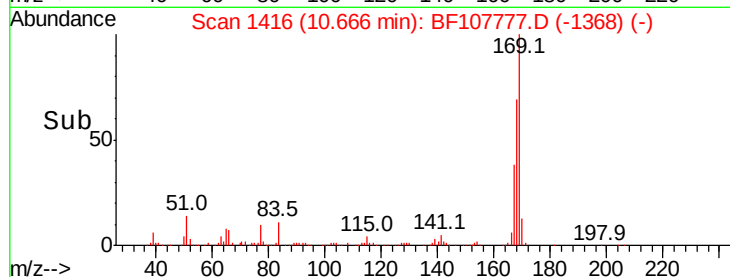
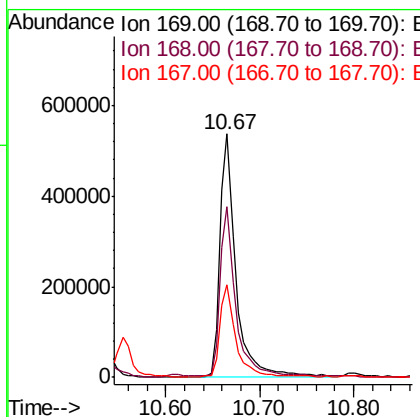
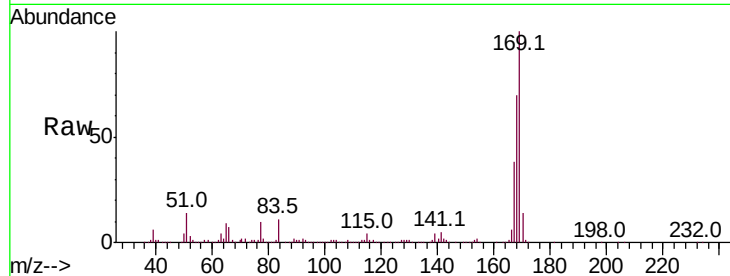
#65
n-Nitrosodiphenylamine
Concen: 46.405 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	639698		
168	69.9		54.4	81.6
167	38.2		29.8	44.6

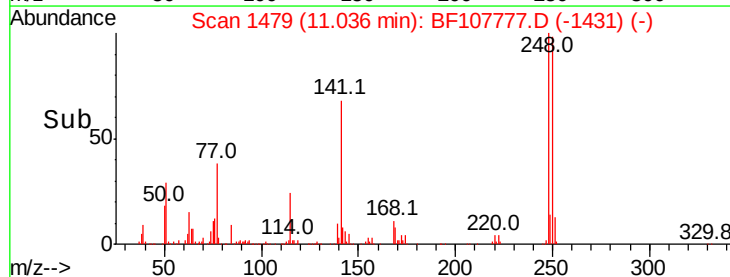
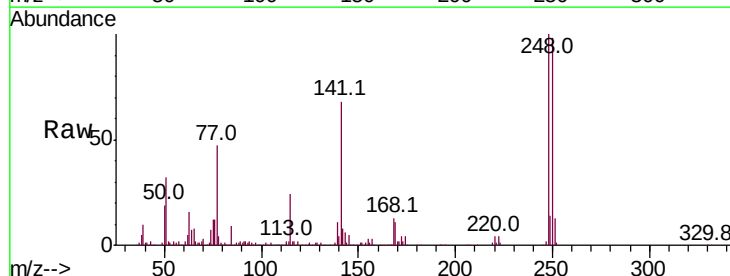
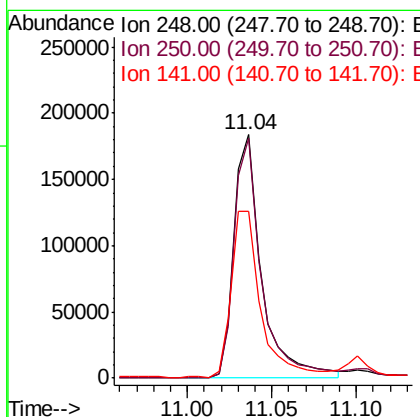
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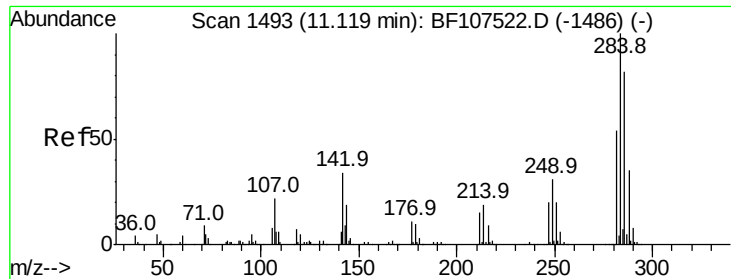
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7/30/2018 2:03:41 PM



#66
4-Bromophenyl-phenylether
Concen: 43.908 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	209792		
250	98.3		76.9	115.3
141	68.3		74.4	111.6#





#67

Hexachlorobenzene

Concen: 42.877 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

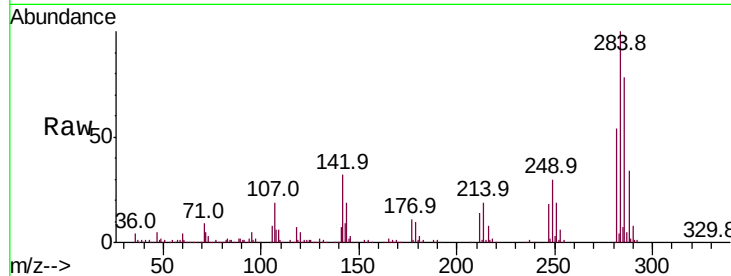
ClientSampleId :

MW-33MS

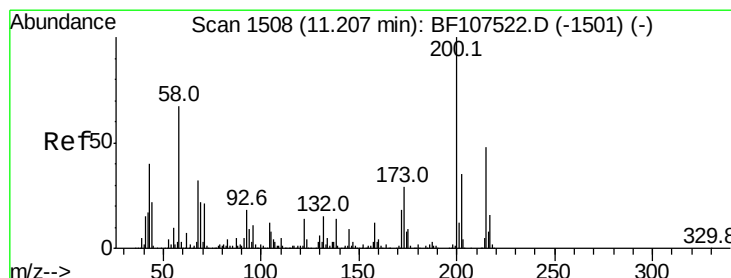
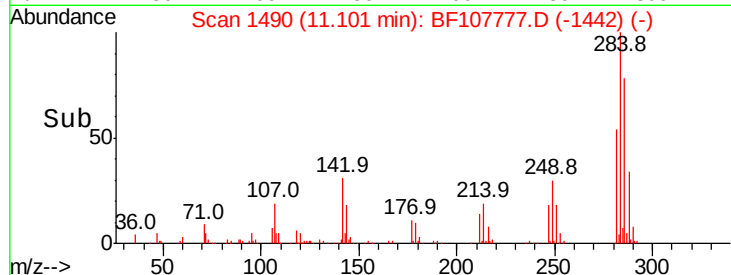
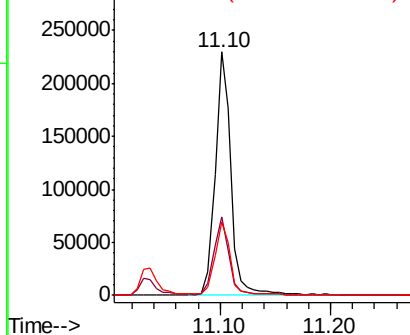
Tot Ion:	284	Resp:	225418
Ion Ratio	Lower	Upper	
284	100		
142	32.4	34.6	52.0#
249	30.2	24.8	37.2

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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: 43.764 ng

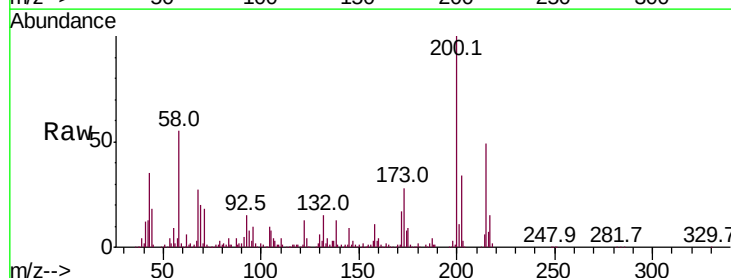
RT: 11.19 min Scan# 1505

Delta R.T. -0.02 min

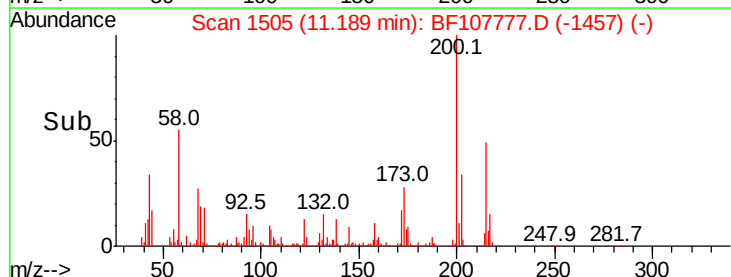
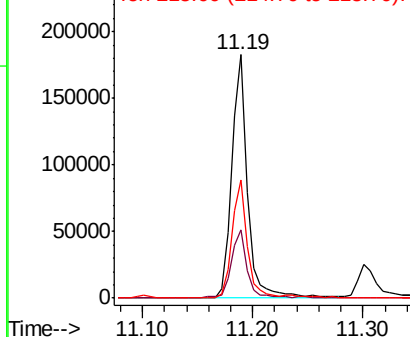
Lab File: BF107777.D

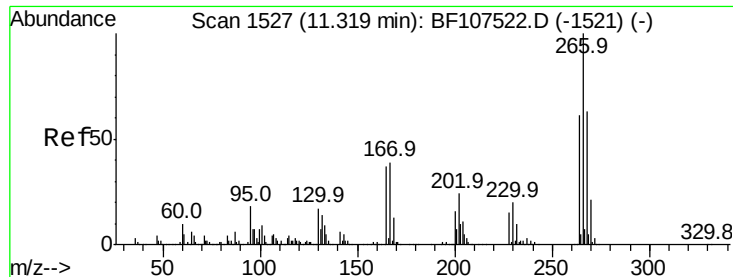
Acq: 28 Jul 2018 6:03

Tgt Ion:	200	Resp:	184198
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.6	48.6
215	48.8	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





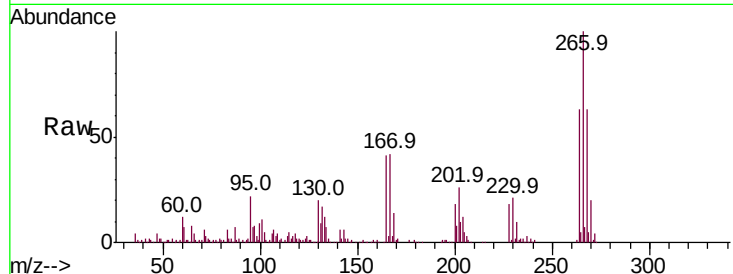
#69
 Pentachlorophenol
 Concen: 59.327 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

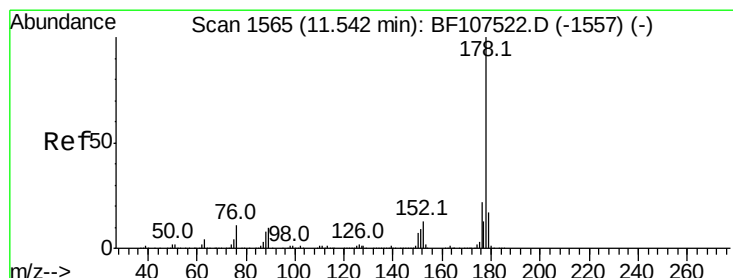
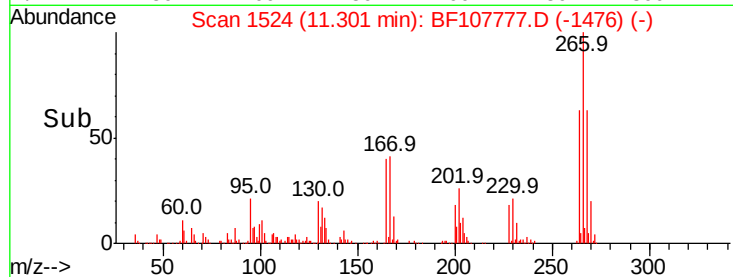
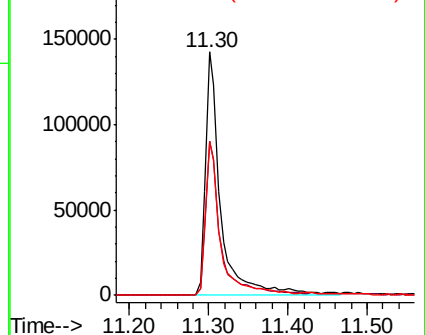
Tot Ion:	266	Resp:	194818
Ion Ratio	Lower	Upper	
266	100		
268	63.2	51.1	76.7
264	63.0	49.5	74.3

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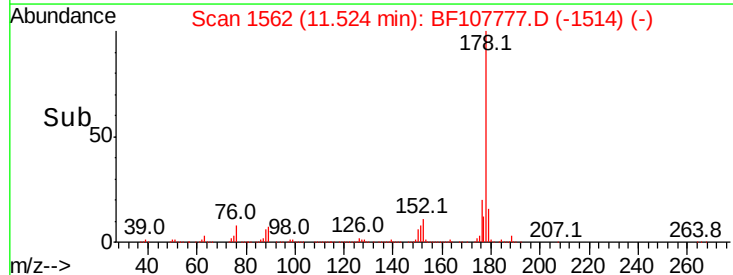
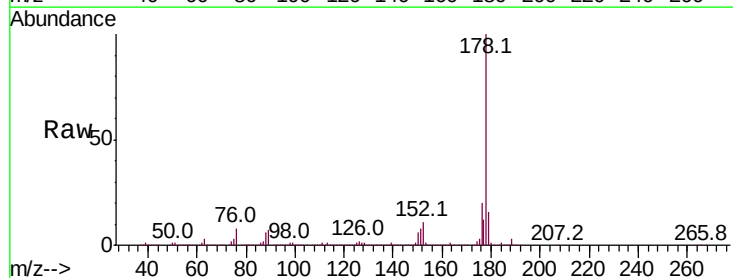
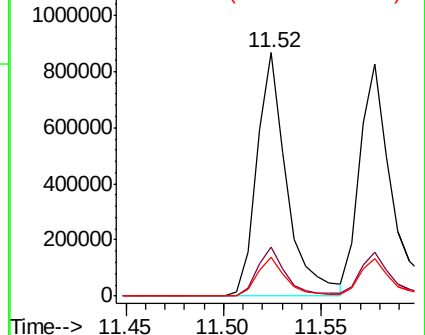
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

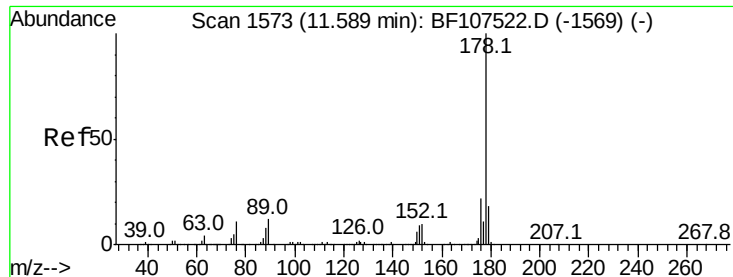


#70
 Phenanthrene
 Concen: 46.605 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion:	178	Resp:	921818
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.8	23.8
179	15.8	13.0	19.6

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





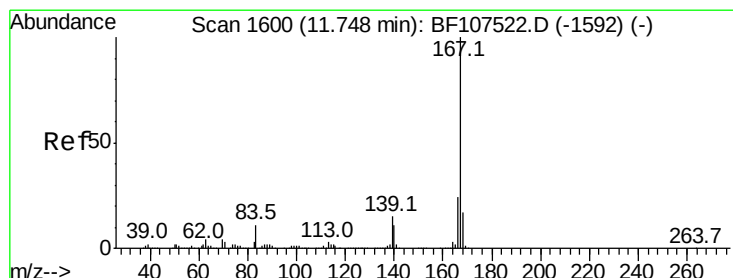
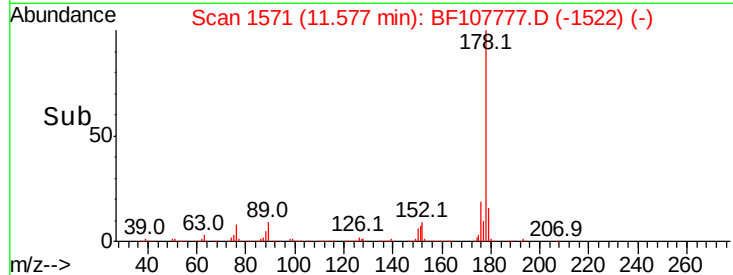
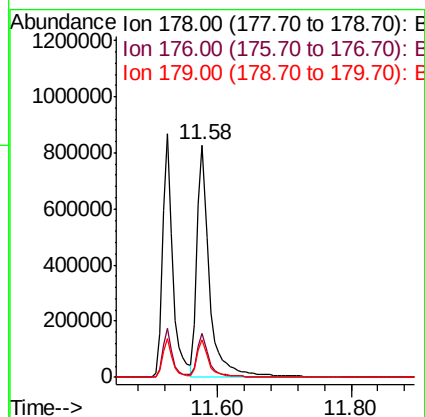
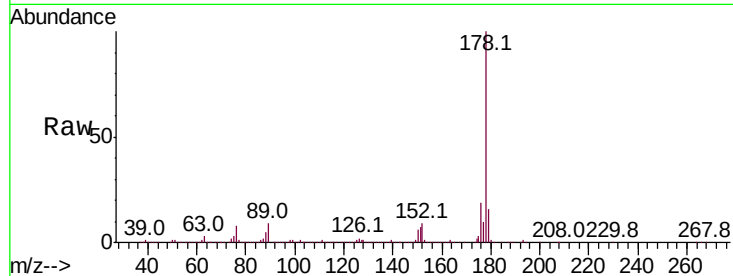
#71
 Anthracene
 Concen: 51.642 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion:	178	Resp:	1028439
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.0	12.6	19.0

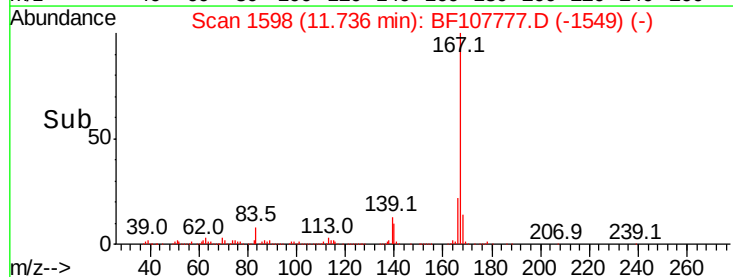
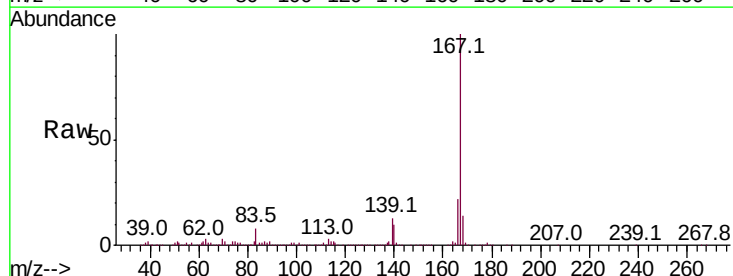
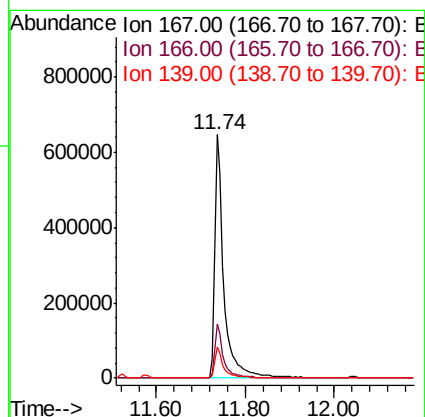
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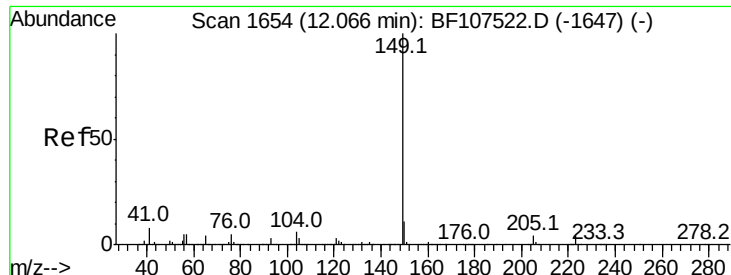
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#72
 Carbazole
 Concen: 45.505 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion:	167	Resp:	942371
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.9	10.9	16.3





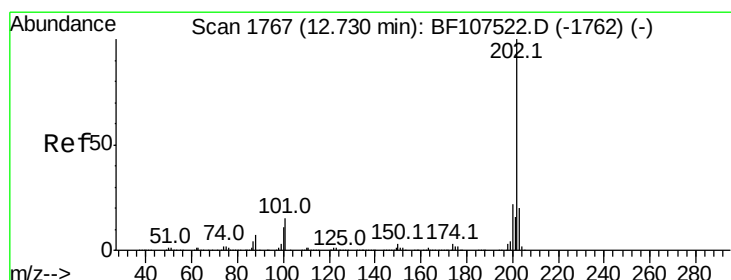
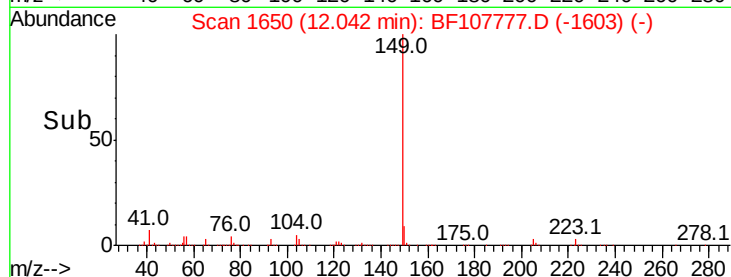
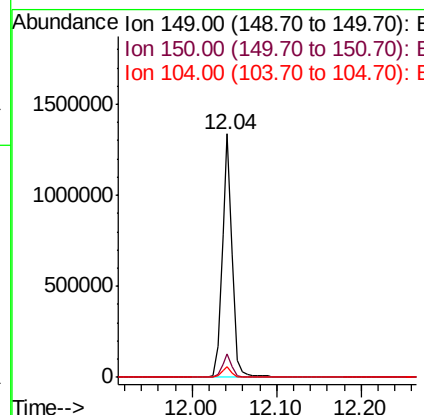
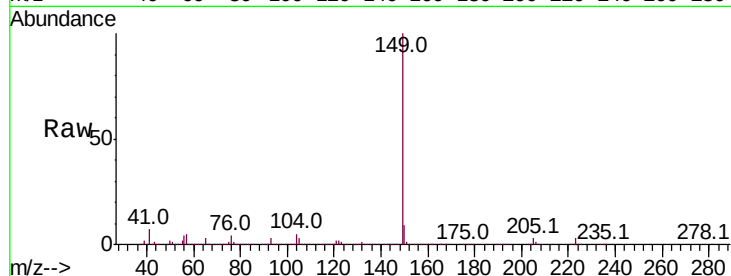
#73
Di-n-butylphthalate
Concen: 57.133 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8

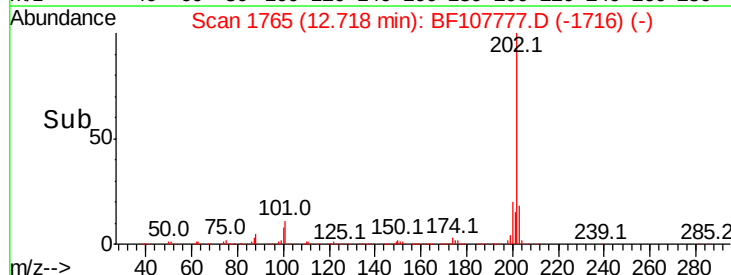
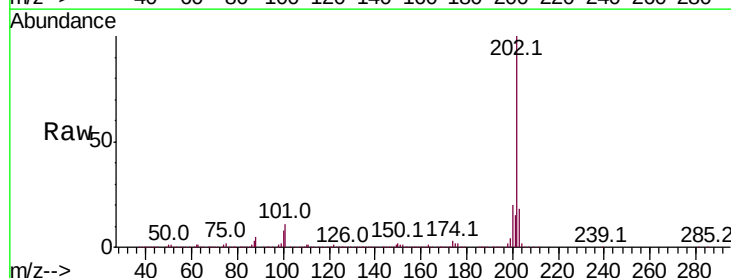
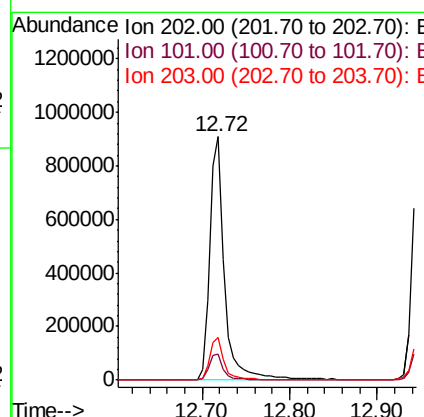
Manual Integrations
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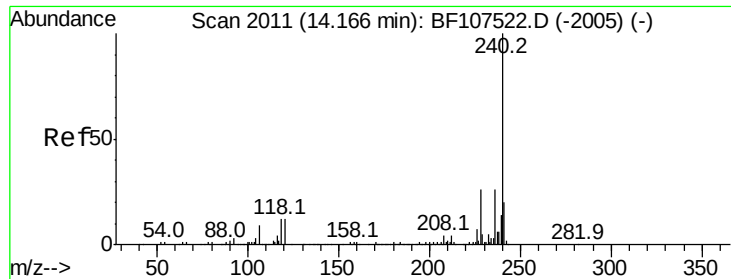
Sohil
7/30/2018 2:03:41 PM



#74
Fluoranthene
Concen: 50.306 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

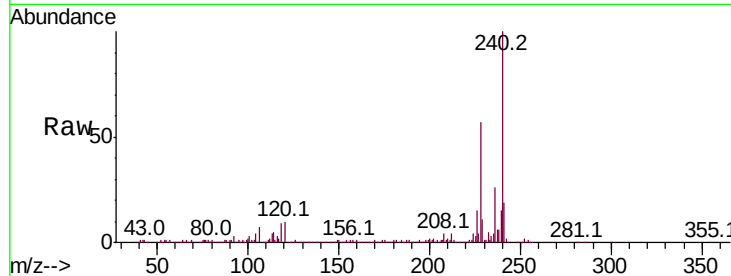
ClientSampled :

MW-33MS

Tot Ion:	240	Resp:	383730
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.1	20.7	31.1

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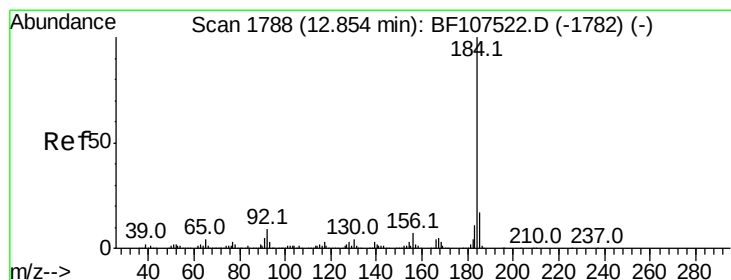
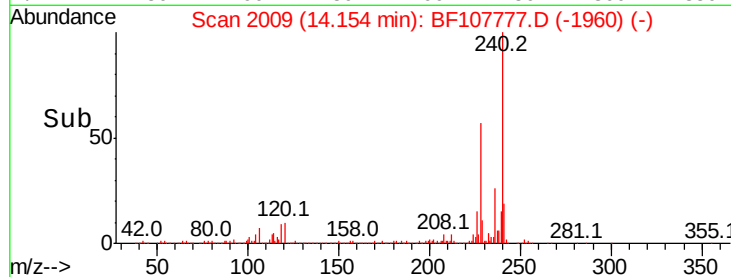
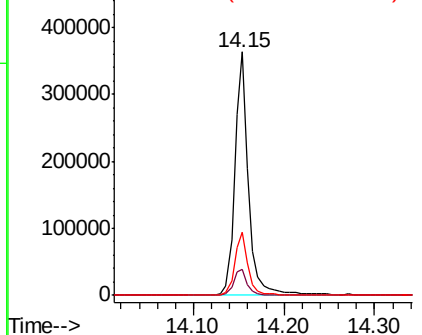
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.313 ng

RT: 12.85 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF107777.D

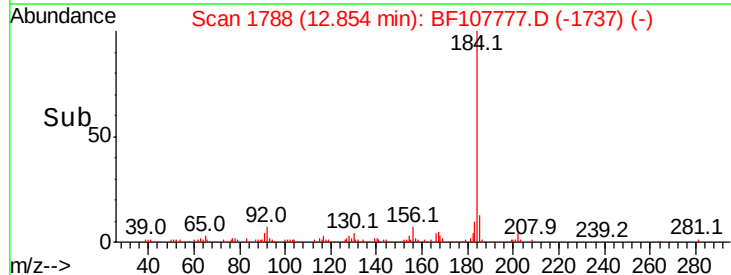
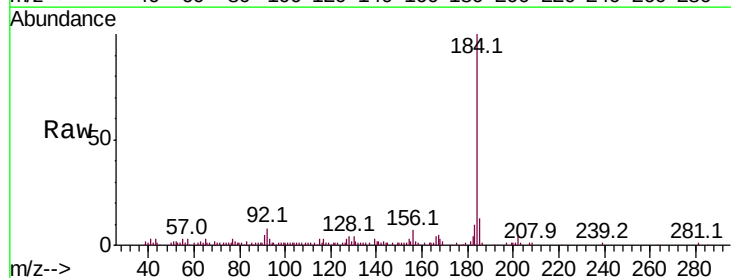
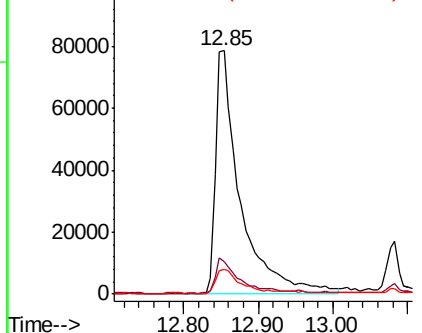
Acq: 28 Jul 2018 6:03

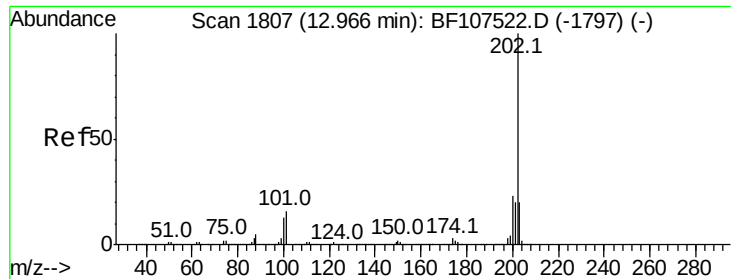
Tgt Ion:	184	Resp:	180274
Ion Ratio	Lower	Upper	
184	100		
185	13.2	12.6	18.8
183	10.2	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.850 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

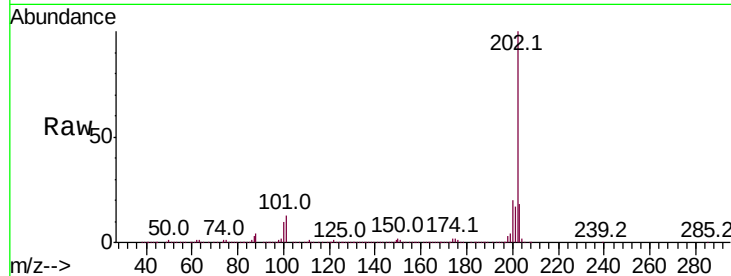
ClientSampleId :

MW-33MS

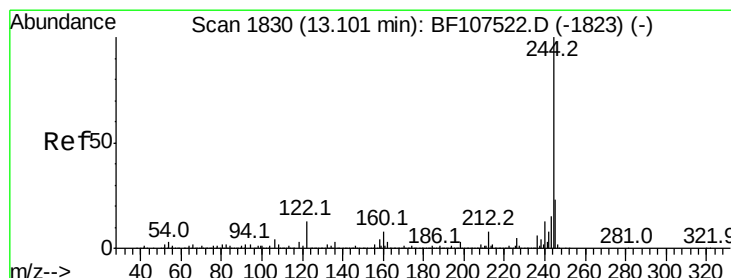
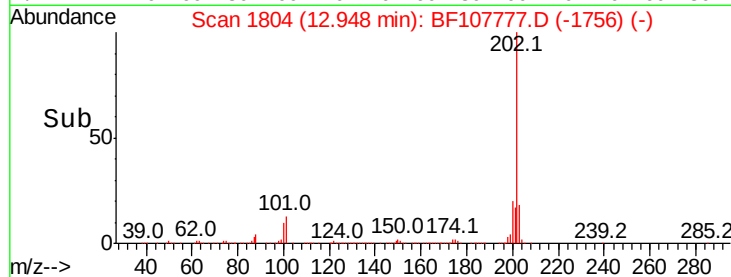
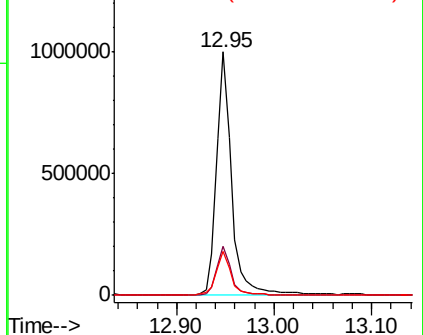
Tot Ion:	202	Resp:	1072212
Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.0	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.559 ng

RT: 13.08 min Scan# 1827

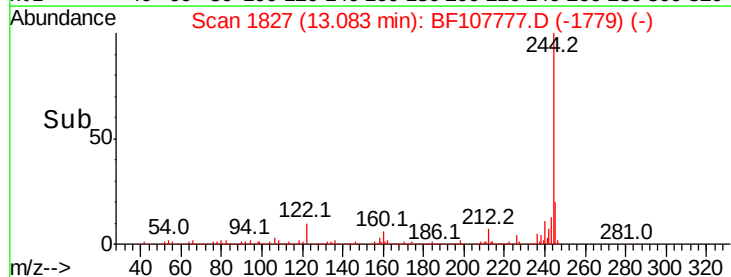
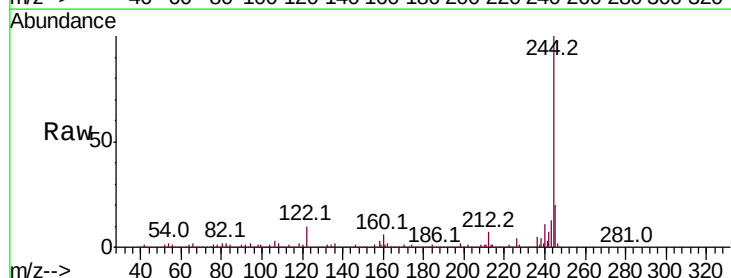
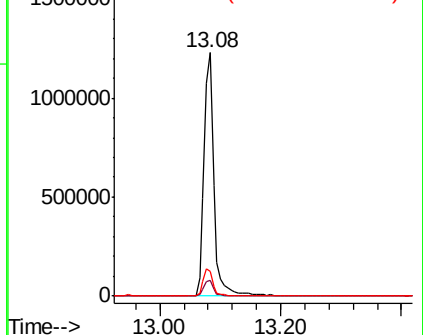
Delta R.T. -0.02 min

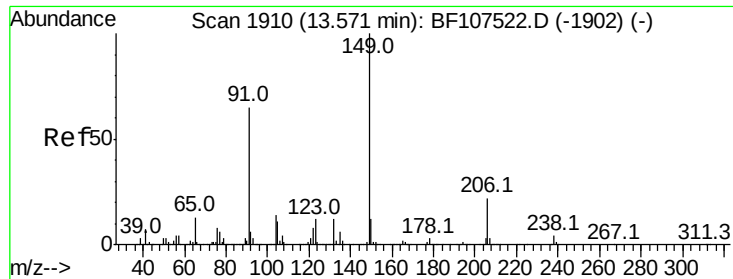
Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion:	244	Resp:	1417337
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.2	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





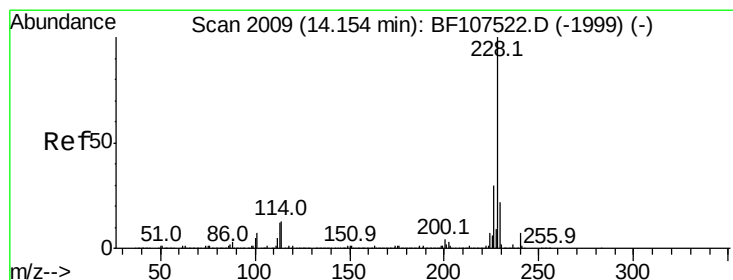
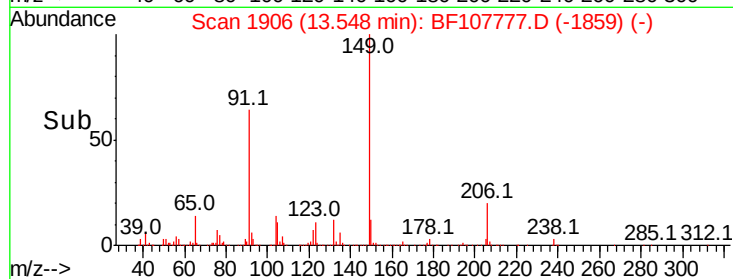
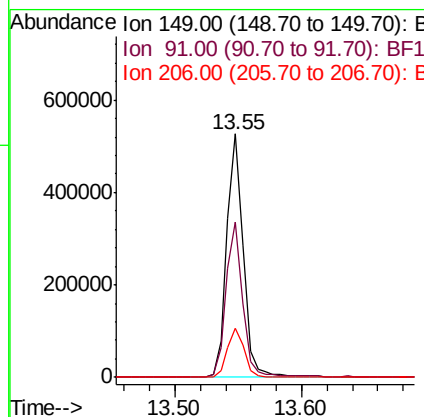
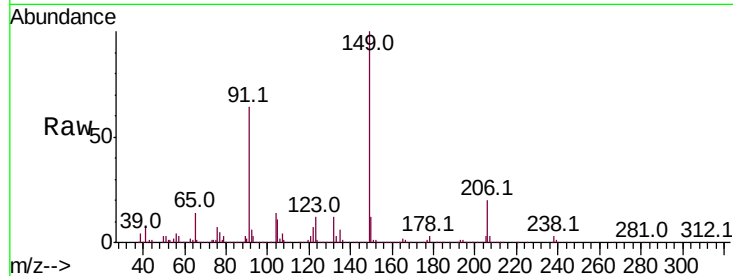
#79
Butylbenzylphthalate
Concen: 42.462 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.8	56.8	85.2
206	20.1	14.1	21.1

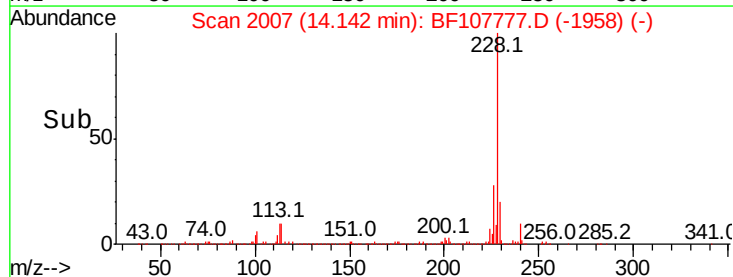
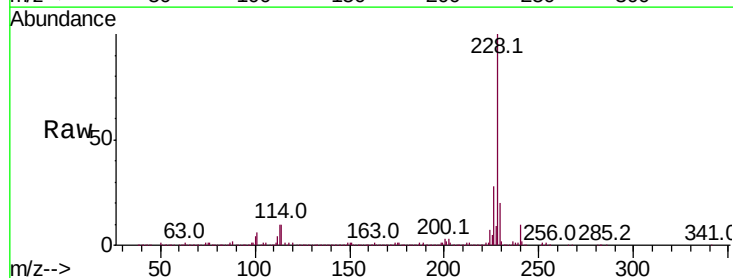
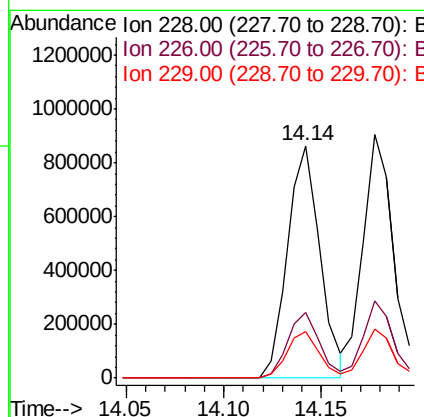
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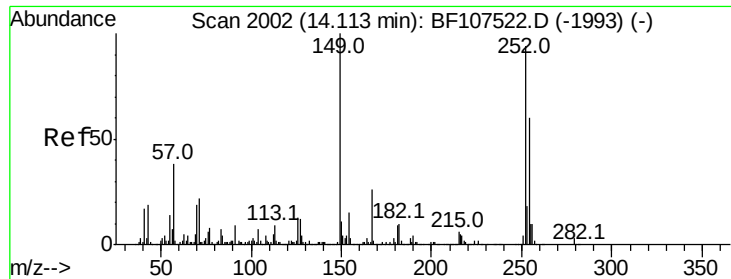
Sohil
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#80
Benzo(a)anthracene
Concen: 44.217 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.0	15.8	23.6





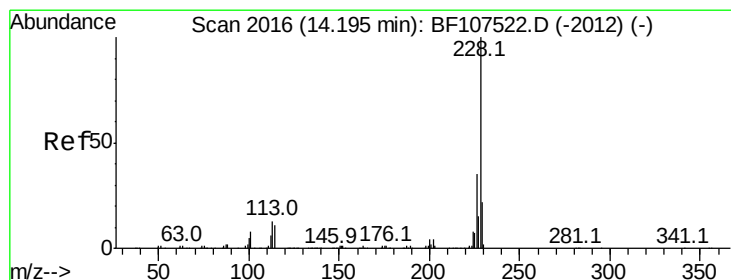
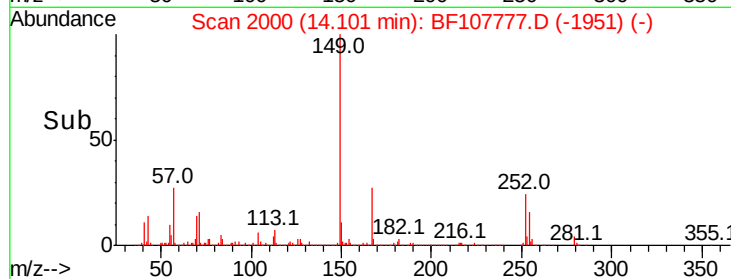
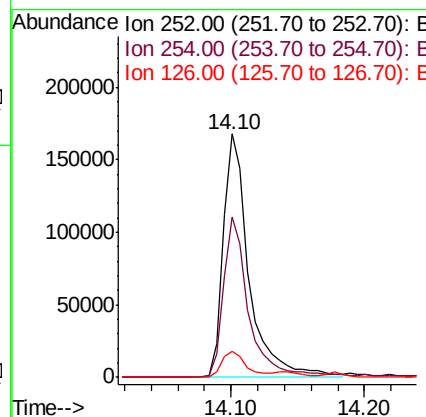
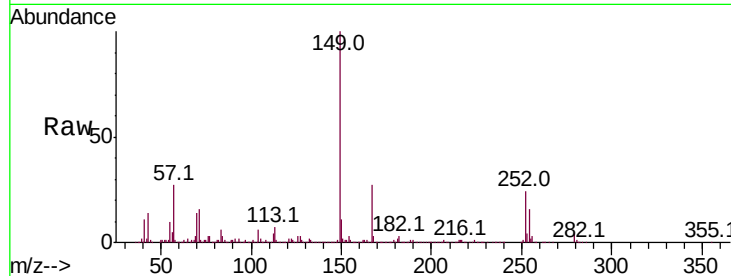
#81
3,3'-Dichlorobenzidine
Concen: 31.575 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	10.7	11.3	16.9

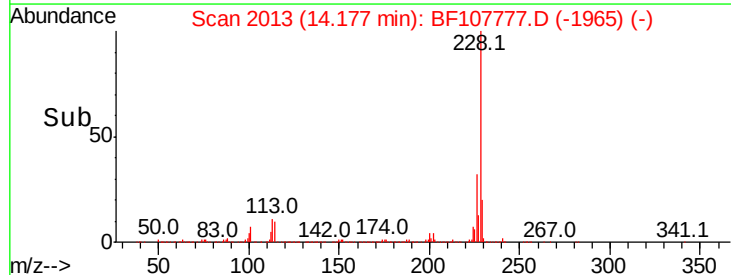
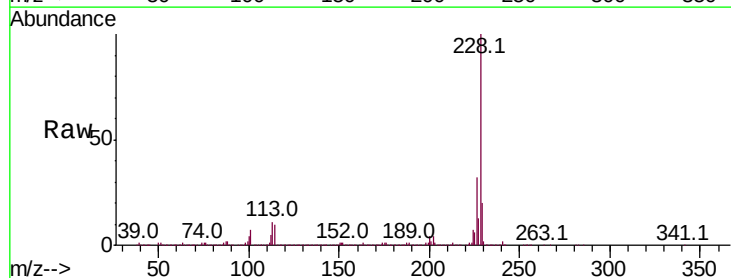
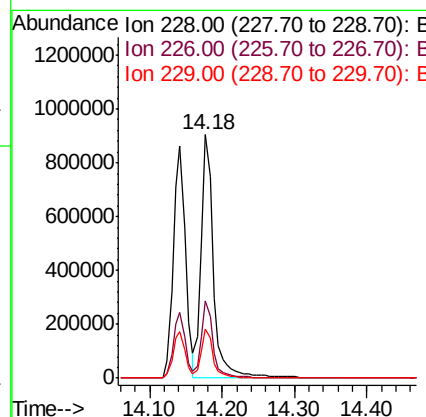
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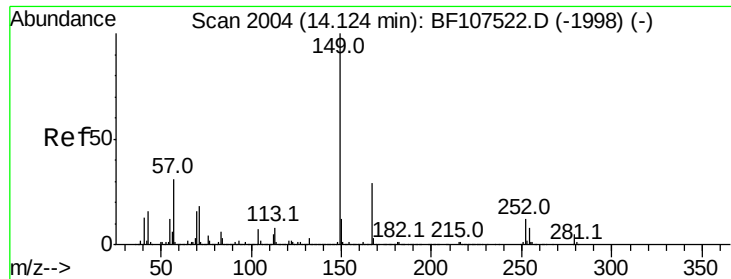
Sohil
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#82
Chrysene
Concen: 49.459 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	19.9	16.2	24.4





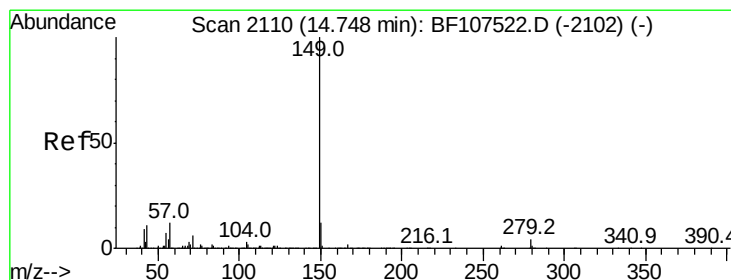
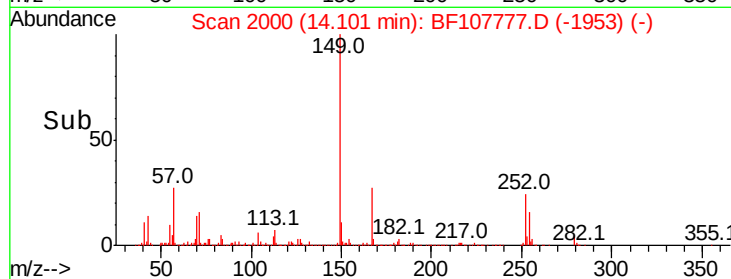
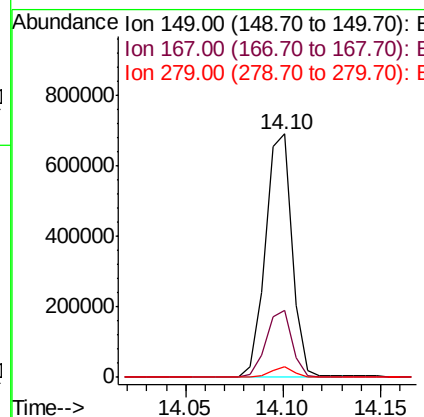
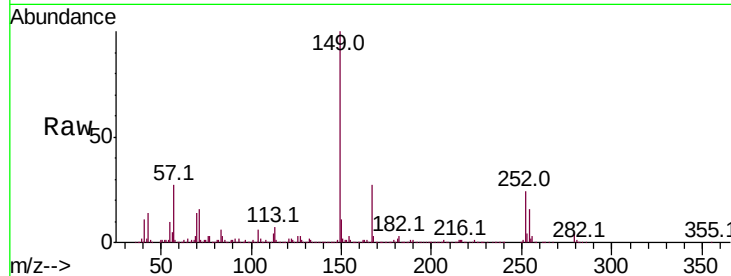
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.148 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	4.2	3.0	4.4

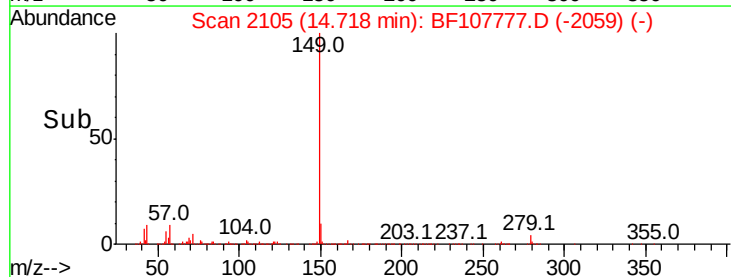
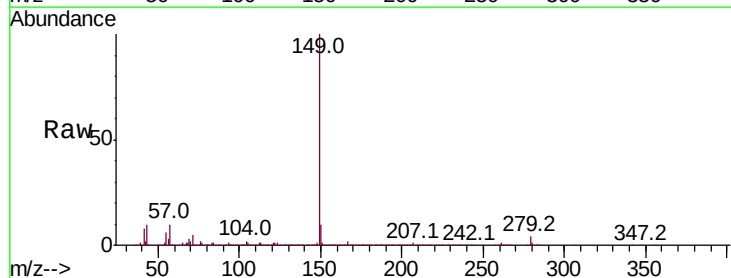
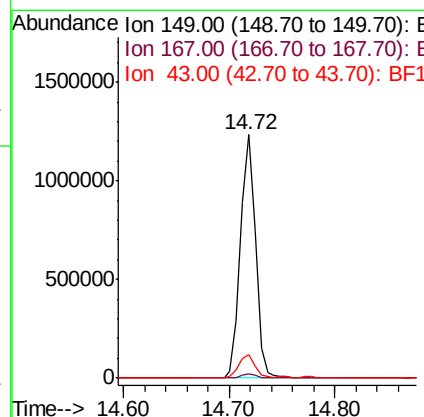
Manual Integrations
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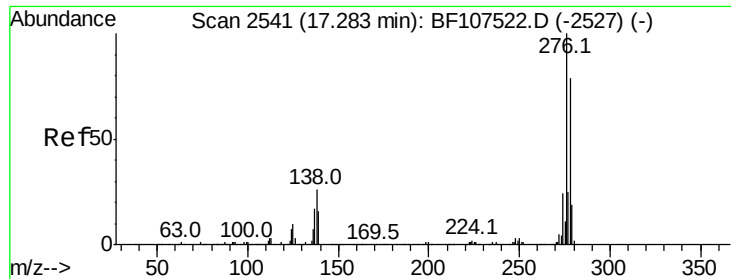
Sohil
 7/30/2018 2:03:41 PM



#84
 Di-n-octyl phthalate
 Concen: 48.832 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.03 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.6	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.813 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

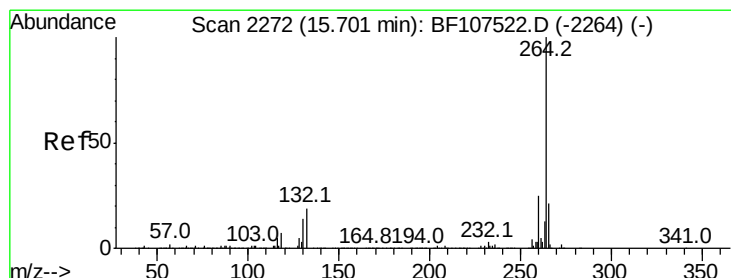
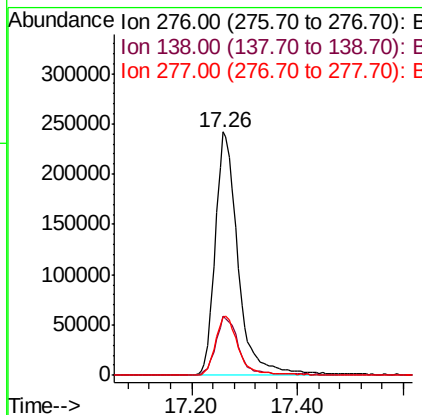
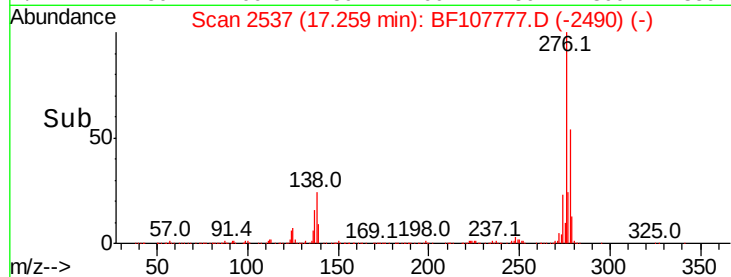
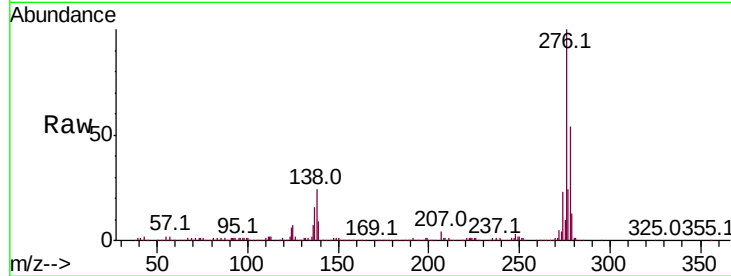
ClientSampleId :

MW-33MS

Tot Ion:	276	Resp:	728890
Ion Ratio	Lower	Upper	
276	100		
138	24.2	25.0	37.6#
277	24.6	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

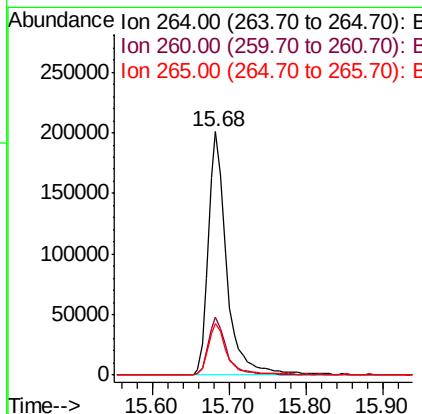
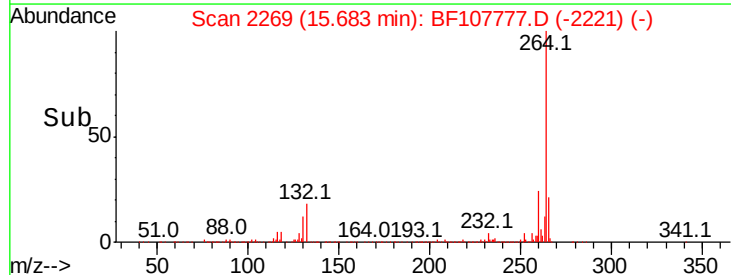
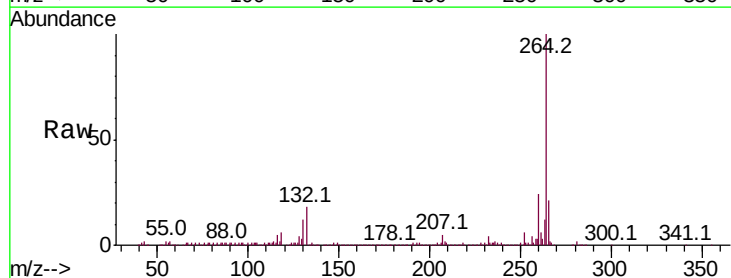
RT: 15.68 min Scan# 2269

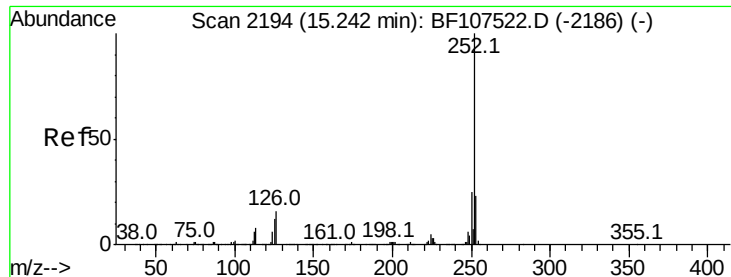
Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion:	264	Resp:	331319
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.276 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Instrument :

BNA_F

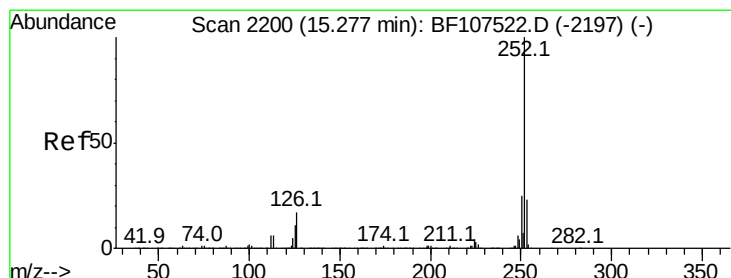
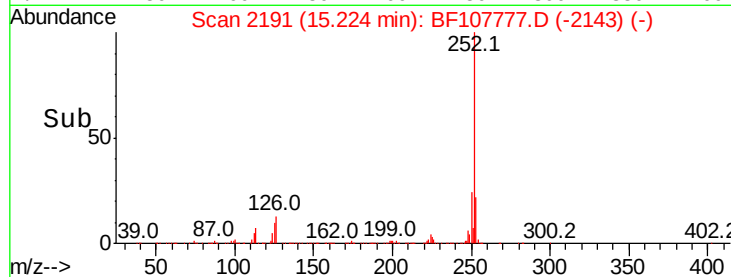
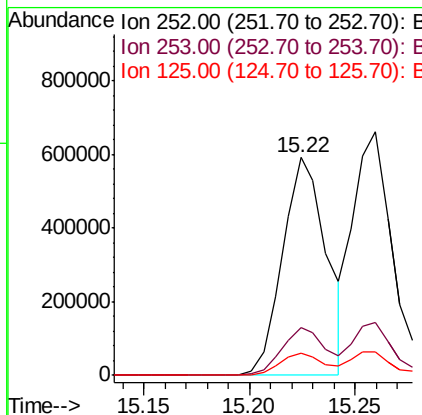
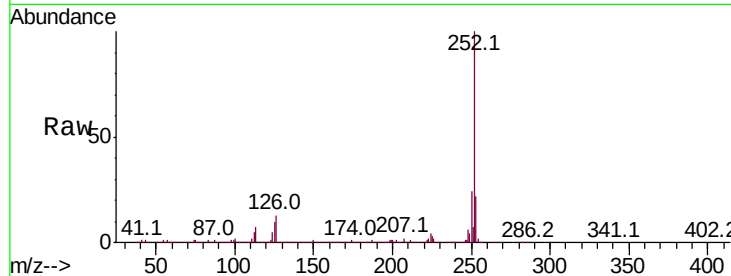
ClientSampleId :

MW-33MS

Tot Ion:	252	Resp:	857236
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	10.0	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 52.027 ng

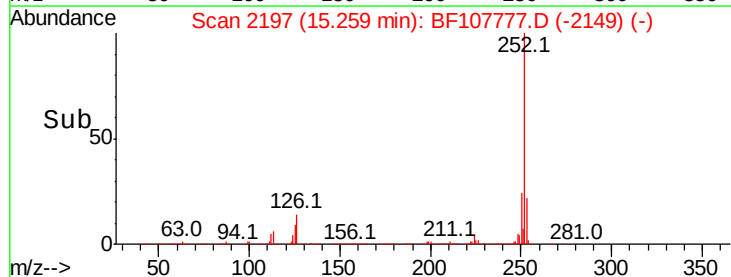
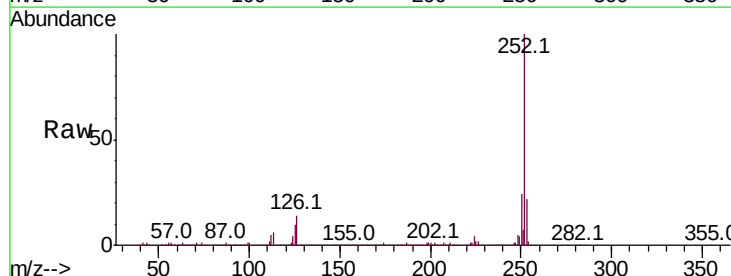
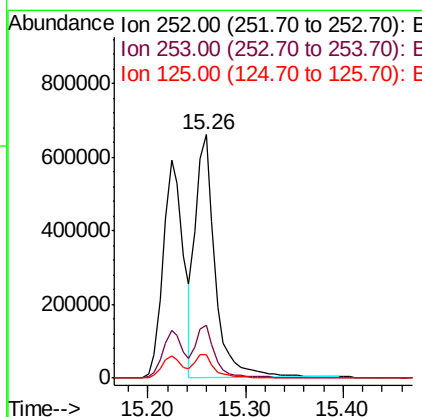
RT: 15.26 min Scan# 2197

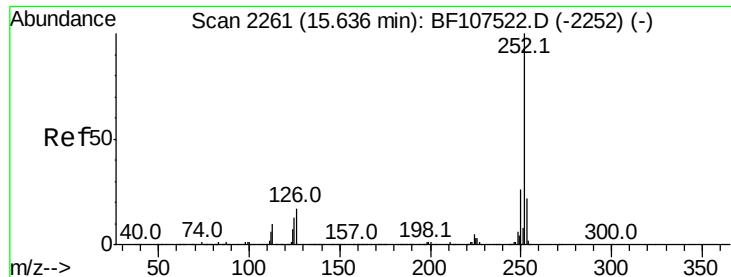
Delta R.T. -0.02 min

Lab File: BF107777.D

Acq: 28 Jul 2018 6:03

Tgt Ion:	252	Resp:	924270
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	9.5	10.2	15.2#





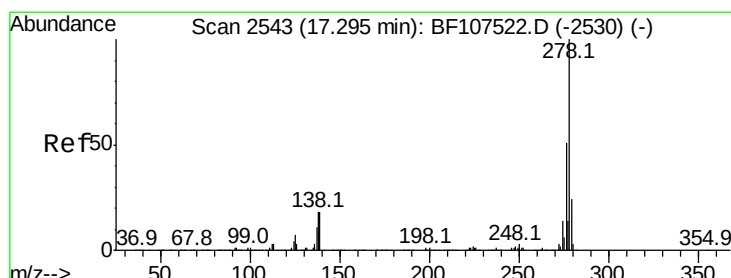
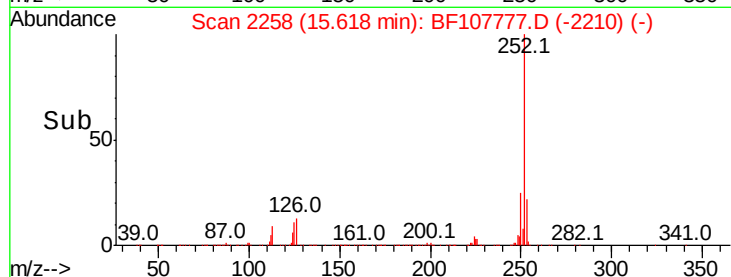
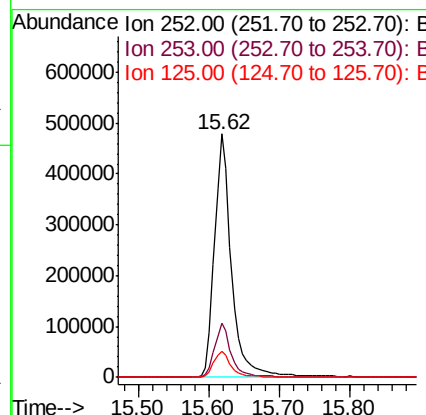
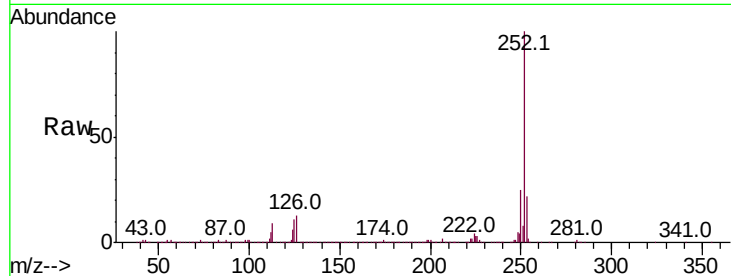
#89
Benzo(a)pyrene
Concen: 48.195 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Instrument :
BNA_F
ClientSampleId :
MW-33MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.6	9.8	14.6

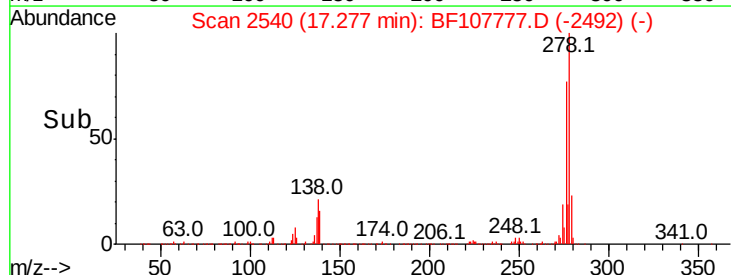
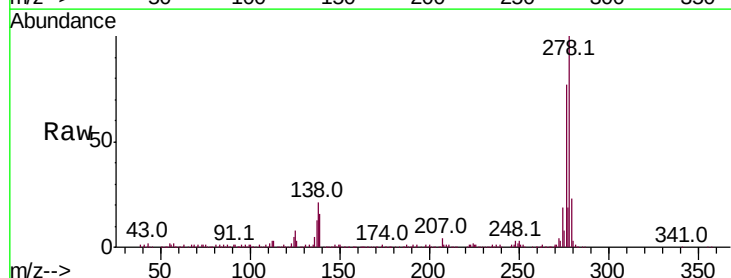
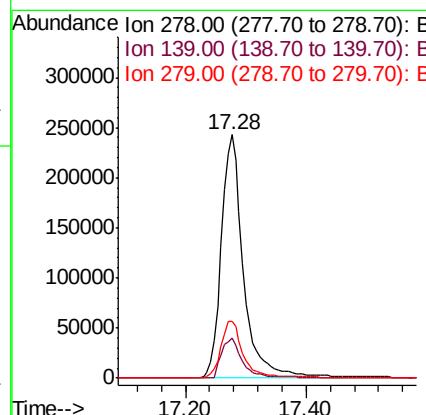
Manual Integrations
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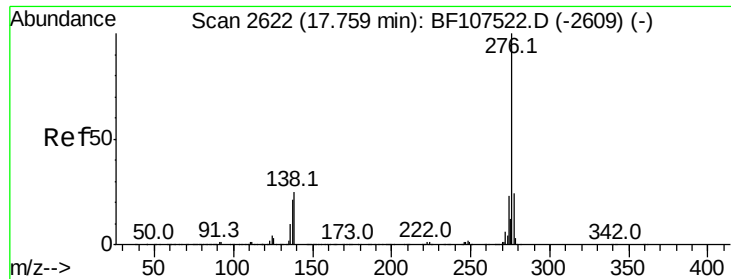
Sohil
7/30/2018 2:03:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.128 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107777.D
Acq: 28 Jul 2018 6:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.502 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF107777.D
 Acq: 28 Jul 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.9	26.9
138	20.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/30/2018 2:03:41 PM

