

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107756.D
 Acq On : 27 Jul 2018 19:55
 Operator : JU/SJ
 Sample : J4143-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)MS

Manual Integrations
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Sohil
 7/30/2018 2:02:58 PM

Quant Time: Jul 28 01:55:40 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	168891	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	645996	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	264506	20.00	ng	-0.02
63) Phenanthrene-d10	11.51	188	395871	20.00	ng	0.00
75) Chrysene-d12	14.18	240	249444	20.00	ng	0.02
86) Perylene-d12	15.72	264	347117	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1071632	102.02	ng	0.00
7) Phenol-d6	6.61	99	1303493	103.34	ng	0.00
23) Nitrobenzene-d5	7.53	82	852271	89.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	335950	111.69	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1511182	103.89	ng	-0.02
78) Terphenyl-d14	13.09	244	1177688	120.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	107645	22.017	ng	# 84
3) Pyridine	3.64	79	261226	19.639	ng	# 85
4) n-Nitrosodimethylamine	3.61	42	91645	16.337	ng	93
6) Aniline	6.65	93	280051	17.215	ng	# 74
8) 2-Chlorophenol	6.75	128	378460	33.629	ng	96
9) Benzaldehyde	6.52	77	176167	19.920	ng	97
10) Phenol	6.62	94	456950	30.805	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	303189	24.653	ng	96
12) 1,3-Dichlorobenzene	6.90	146	390503	30.605	ng	98
13) 1,4-Dichlorobenzene	6.98	146	442011	33.798	ng	99
14) 1,2-Dichlorobenzene	7.13	146	384950	32.800	ng	100
15) Benzyl Alcohol	7.11	79	268541	31.239	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	612758	29.534	ng	74
17) 2-Methylphenol	7.22	107	302866	31.663	ng	# 85
18) Hexachloroethane	7.47	117	138380	30.168	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	259814	31.886	ng	97
20) 3+4-Methylphenols	7.37	107	389908	34.329	ng	# 51
22) Acetophenone	7.37	105	551024	36.320	ng	# 90
24) Nitrobenzene	7.55	77	367661	33.535	ng	97
25) Isophorone	7.78	82	733024	35.866	ng	99
26) 2-Nitrophenol	7.87	139	209562	45.264	ng	92
27) 2,4-Dimethylphenol	7.90	122	352082	40.175	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	451226	33.036	ng	99
29) 2,4-Dichlorophenol	8.11	162	316905	35.379	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	343579	34.151	ng	98
31) Naphthalene	8.27	128	1314278	46.266	ng	99
32) Benzoic acid	8.04	122	25241m	11.346	ng	
33) 4-Chloroaniline	8.34	127	217575	17.523	ng	97
34) Hexachlorobutadiene	8.37	225	201102	33.640	ng	99
35) Caprolactam	8.68	113	86213	29.591	ng	# 72
36) 4-Chloro-3-methylphenol	8.80	107	330036	33.169	ng	99
37) 2-Methylnaphthalene	8.95	142	793144	40.292	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	336523	38.144	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	18667	4.162	ng	98

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 SB-1(3-5)MS

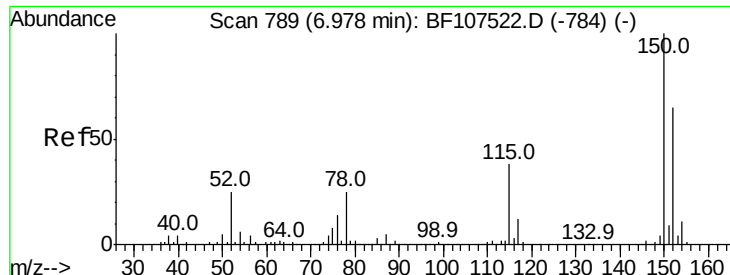
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	198527	35.156	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	239274	40.541	nq	96
45) 1,1'-Biphenyl	9.42	154	921491	39.993	nq	97
46) 2-Chloronaphthalene	9.45	162	645963	36.677	nq	97
47) 2-Nitroaniline	9.55	65	209409	40.784	nq	87
48) Acenaphthylene	9.87	152	1086173	41.054	nq	99
49) Dimethylphthalate	9.71	163	818268	41.047	nq	100
50) 2,6-Dinitrotoluene	9.79	165	145103	36.662	nq	90
51) Acenaphthene	10.04	154	1074644	64.828	nq	99
52) 3-Nitroaniline	9.97	138	117220	24.345	nq	97
53) 2,4-Dinitrophenol	10.10	184	16240	19.426	nq #	7
54) Dibenzofuran	10.21	168	1171465	48.002	nq	99
55) 4-Nitrophenol	10.14	139	150371	41.712	nq	90
56) 2,4-Dinitrotoluene	10.20	165	159470	33.379	nq #	83
57) Fluorene	10.55	166	1352741	77.697	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	181825	37.017	nq #	81
59) Diethylphthalate	10.41	149	717733	34.474	nq	99
60) 4-Chlorophenyl-phenylether	10.54	204	318035	32.312	nq	93
61) 4-Nitroaniline	10.60	138	130359	32.224	nq	93
62) Azobenzene	10.70	77	572070	29.303	nq #	83
64) 4,6-Dinitro-2-methylphenol	10.62	198	25893	19.779	nq #	75
65) n-Nitrosodiphenylamine	10.67	169	637163	47.391	nq	94
66) 4-Bromophenyl-phenylether	11.03	248	191744	41.146	nq	91
67) Hexachlorobenzene	11.11	284	185659	36.209	nq #	86
68) Atrazine	11.20	200	158442	38.598	nq	98
69) Pentachlorophenol	11.31	266	178702	55.797	nq	100
70) Phenanthrene	11.55	178	5669312m	293.885	nq	
71) Anthracene	11.59	178	3401803	175.142	nq	95
72) Carbazole	11.74	167	1017870	50.395	nq	99
73) Di-n-butylphthalate	12.04	149	878565	41.248	nq	99
74) Fluoranthene	12.75	202	7987299	385.849	nq	94
76) Benzidine	12.87	184	349507	48.654	nq	98
77) Pyrene	12.98	202	7179640	420.791	nq #	90
79) Butylbenzylphthalate	13.55	149	378181	51.539	nq	92
80) Benzo(a)anthracene	14.17	228	5776901	395.194	nq #	90
81) 3,3'-Dichlorobenzidine	14.13	252	229953	57.469	nq #	97
82) Chrysene	14.21	228	3984588	283.764	nq #	90
83) Bis(2-ethylhexyl)phthalate	14.11	149	539630	52.121	nq	99
84) Di-n-octyl phthalate	14.72	149	921879	57.284	nq #	97
85) Indeno(1,2,3-cd)pyrene	17.33	276	2964663	249.111	nq #	91
87) Benzo(b)fluoranthene	15.28	252	6727527m	354.130	nq	
88) Benzo(k)fluoranthene	15.30	252	1586904m	85.262	nq	
89) Benzo(a)pyrene	15.68	252	4642006	267.128	nq #	93
90) Dibenzo(a,h)anthracene	17.33	278	967151	64.384	nq #	92
91) Benzo(g,h,i)perylene	17.81	276	2674271	180.486	nq #	91

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



#1

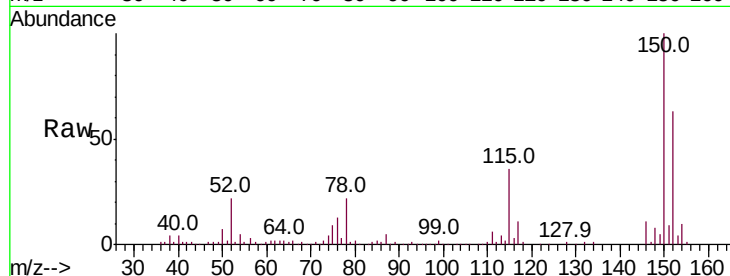
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	56.3	50.1	75.1

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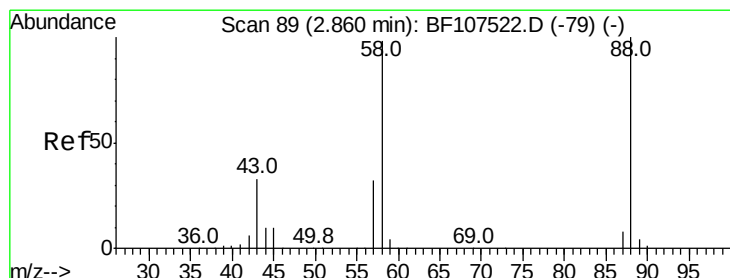
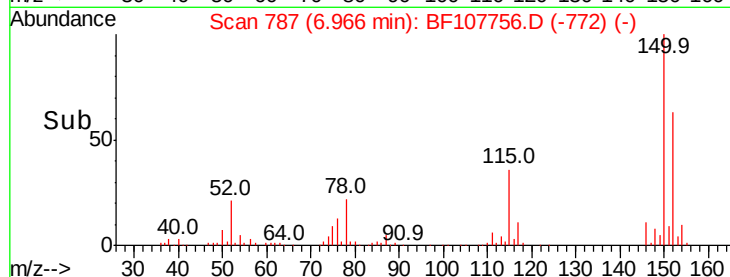
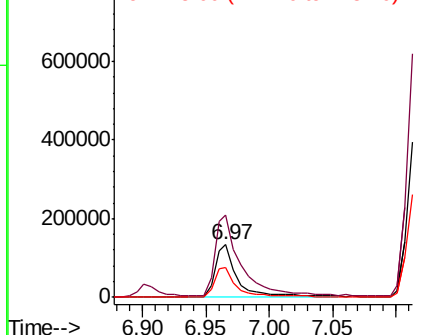


Abundance

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: 22.017 ng
RT: 2.84 min Scan# 86
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

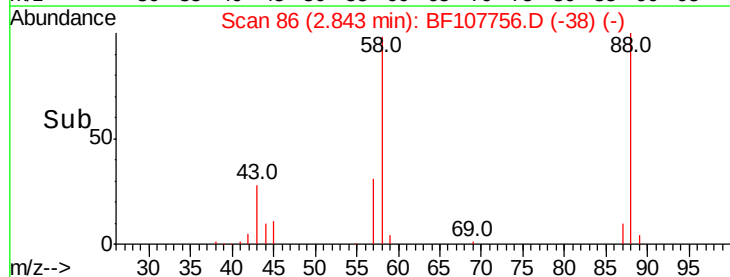
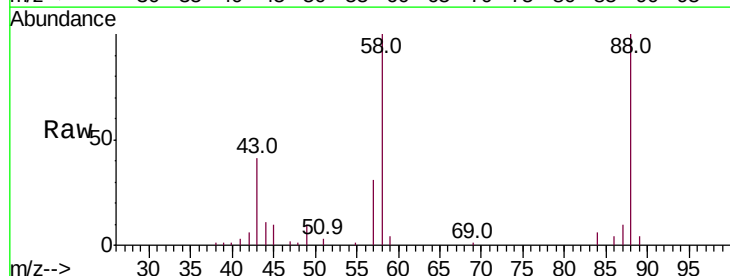
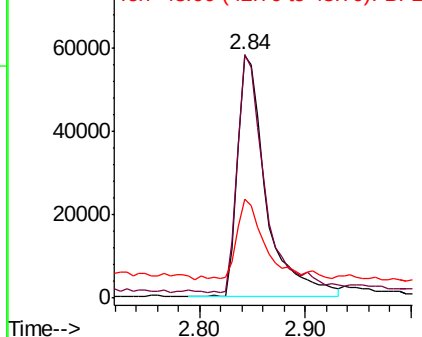
Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.8	62.6	93.8#
43	29.9	24.6	37.0

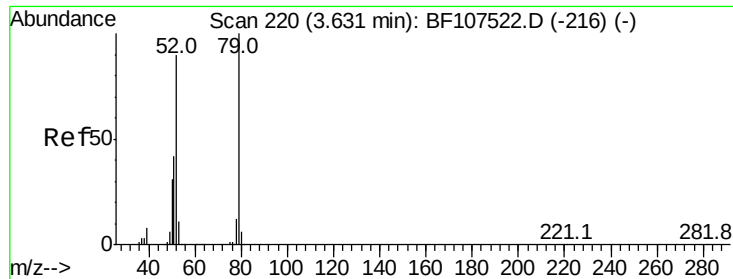
Abundance

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: 19.639 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

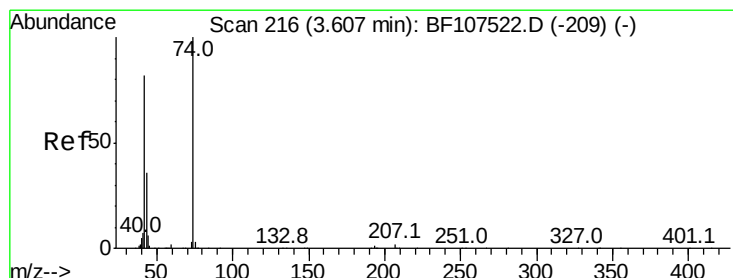
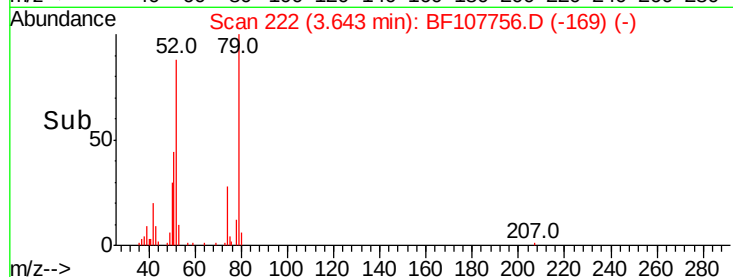
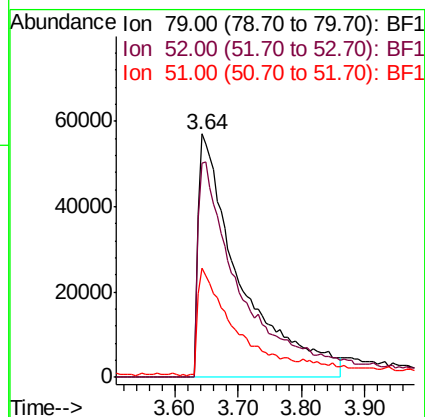
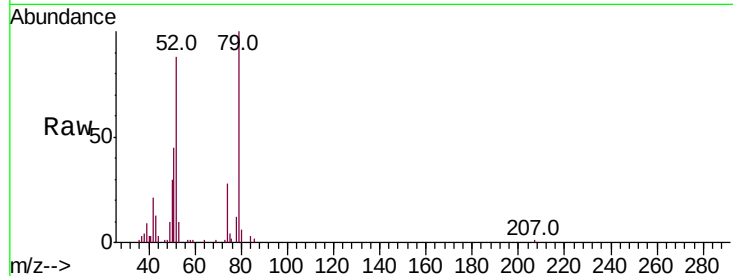
ClientSampleId :

SB-1(3-5)MS

Tot Ion:	79	Resp:	261226
Ion Ratio	Lower	Upper	
79	100		
52	87.9	59.8	89.6
51	45.0	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 16.337 ng

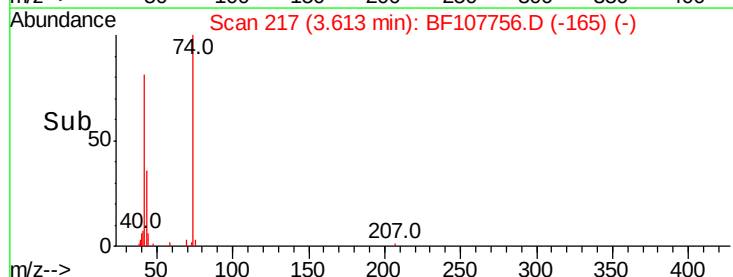
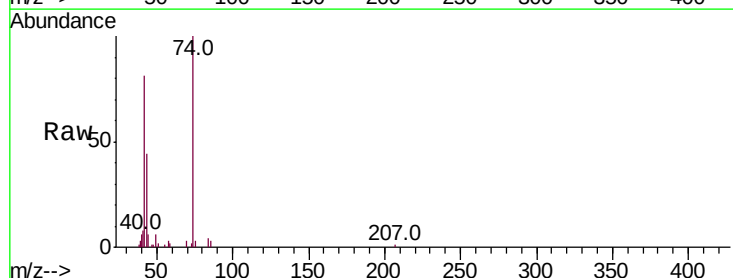
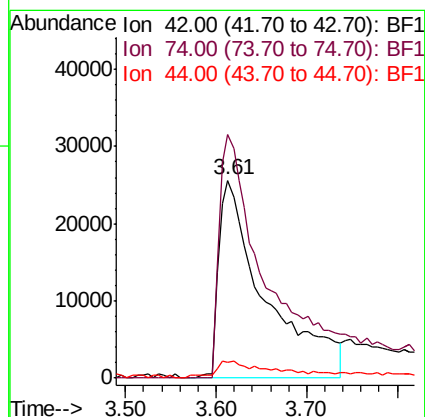
RT: 3.61 min Scan# 217

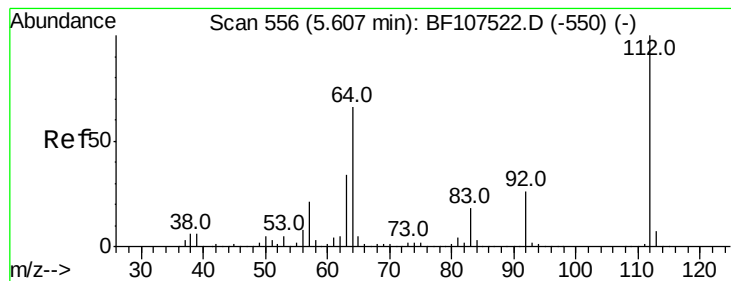
Delta R.T. 0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Tgt Ion:	42	Resp:	91645
Ion Ratio	Lower	Upper	
42	100		
74	123.1	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 102.017 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SB-1(3-5)MS

Tot Ion:112 Resp: 1071632

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

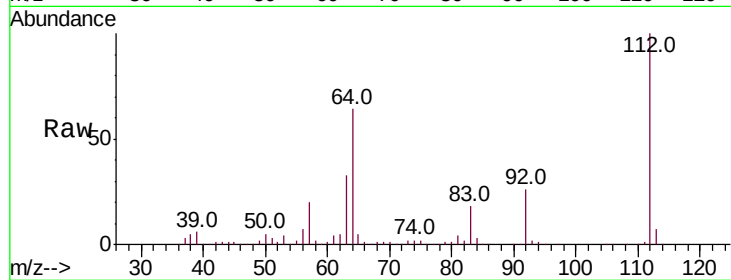
63 32.9 23.7 35.5

Manual Integrations

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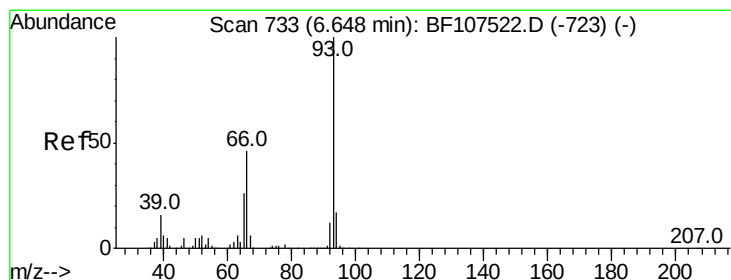
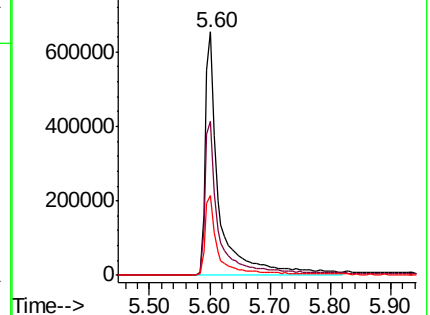
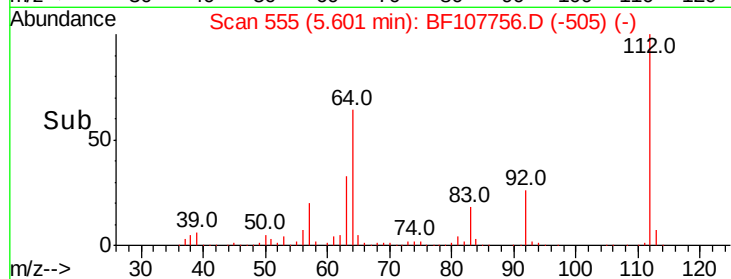
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.215 ng

RT: 6.65 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

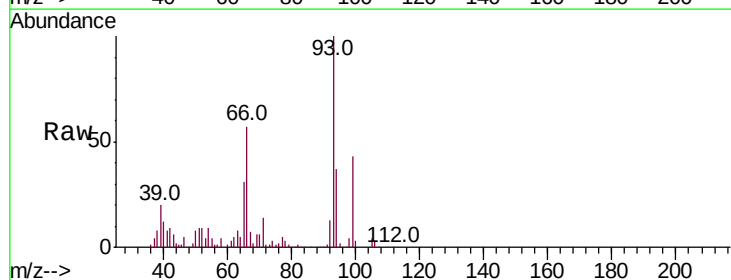
Tgt Ion: 93 Resp: 280051

Ion Ratio Lower Upper

93 100

66 57.1 32.2 48.2#

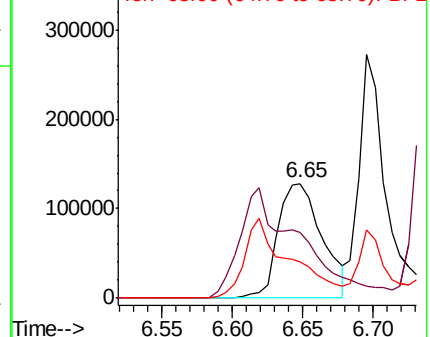
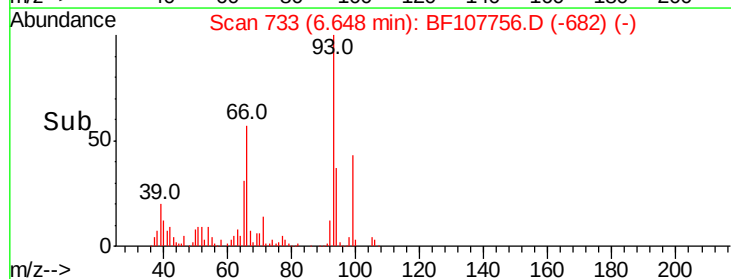
65 31.2 16.4 24.6#

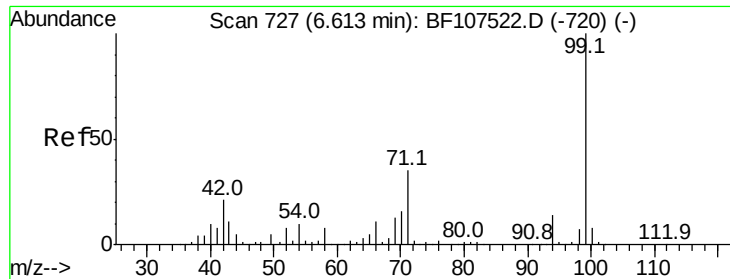


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.345 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

ClientSampled :

SB-1(3-5)MS

Tot Ion: 99 Resp: 1303493

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

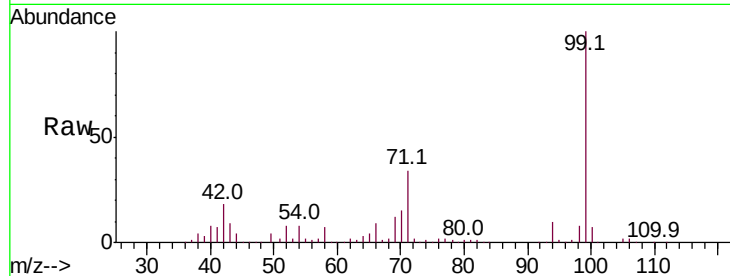
71 33.8 25.4 38.0

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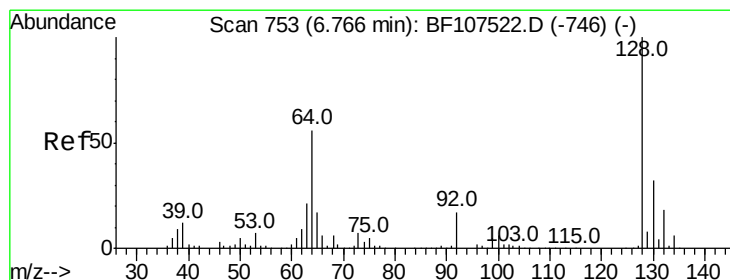
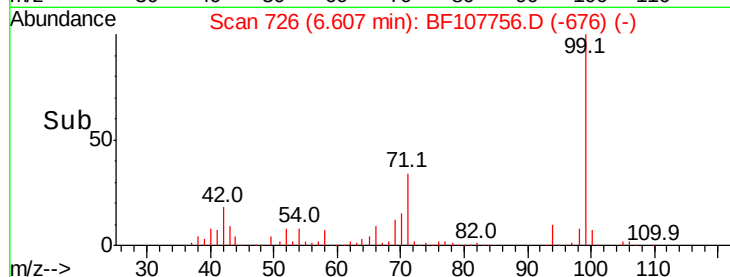
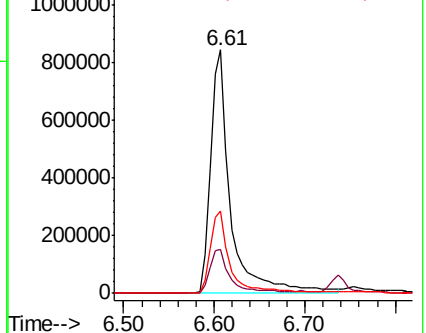
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.629 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

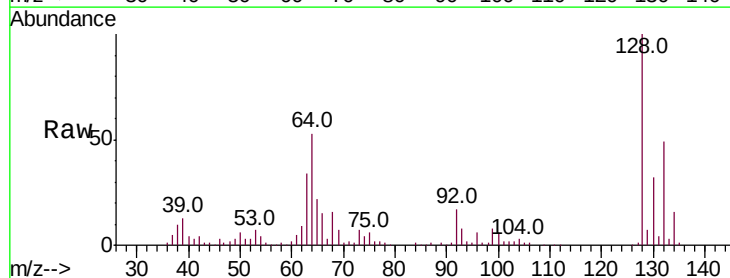
Tgt Ion:128 Resp: 378460

Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

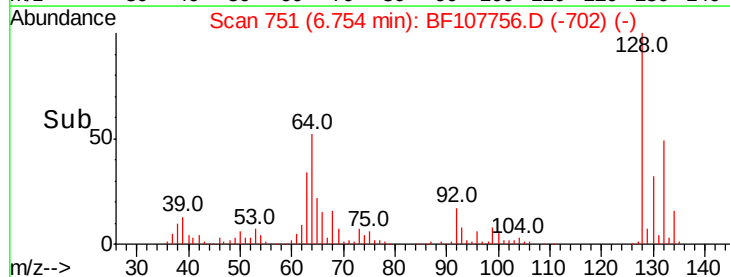
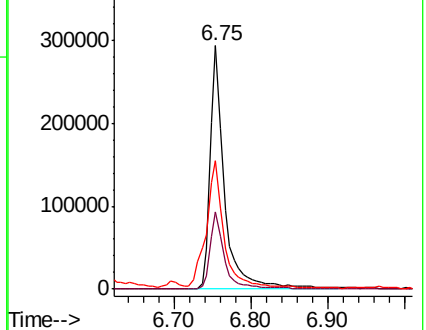
64 52.6 29.4 69.4

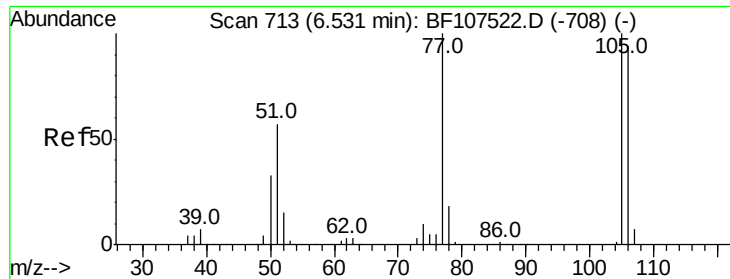


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.920 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

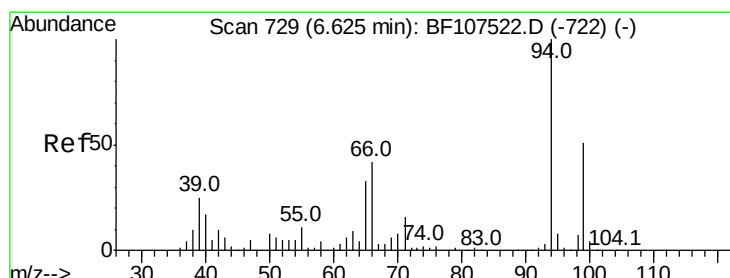
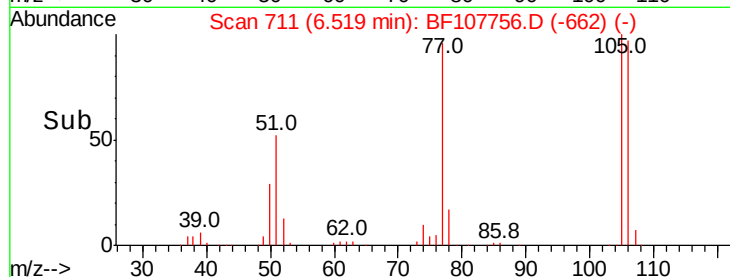
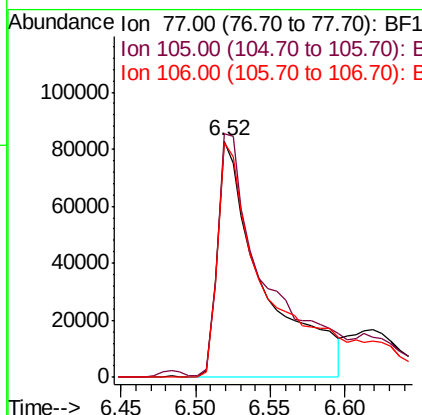
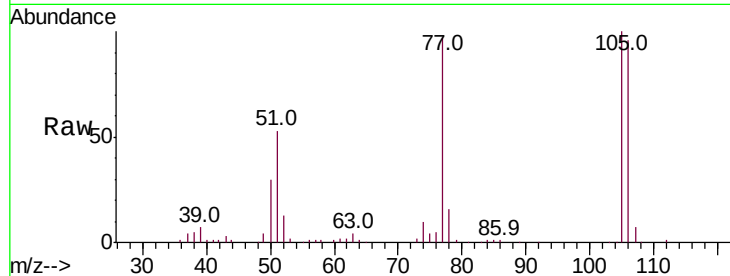
Client Sampled :

SB-1(3-5)MS

Tot Ion:	77	Resp:	176167
Ion Ratio	Lower	Upper	
77	100		
105	103.1	81.1	121.1
106	99.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 30.805 ng

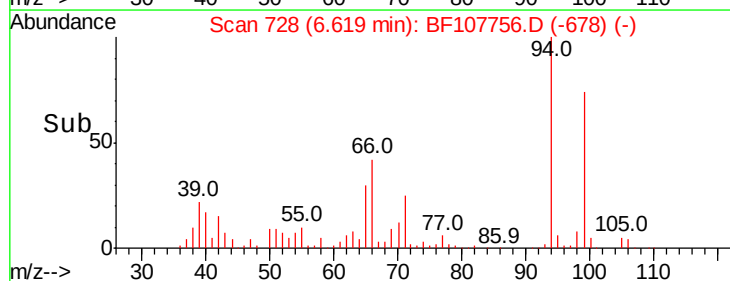
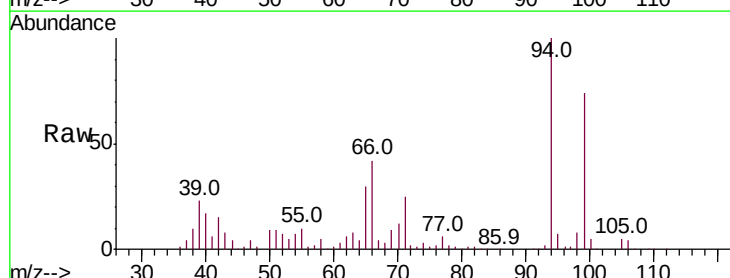
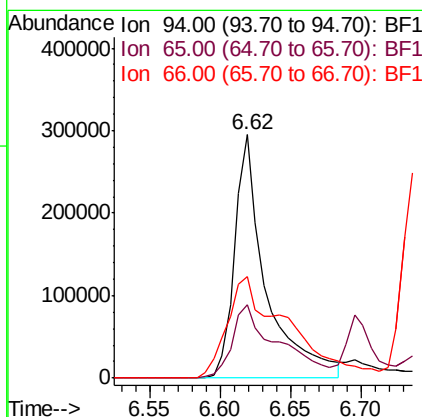
RT: 6.62 min Scan# 728

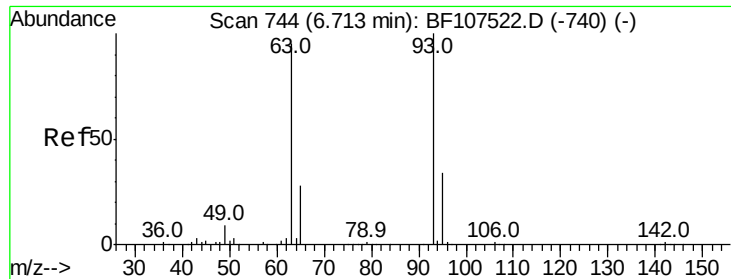
Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Tgt Ion:	94	Resp:	456950
Ion Ratio	Lower	Upper	
94	100		
65	30.3	7.9	47.9
66	41.7	16.2	56.2





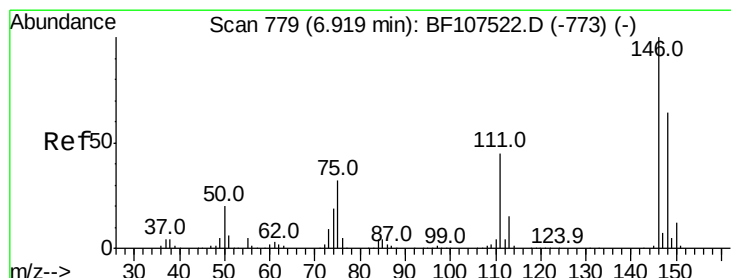
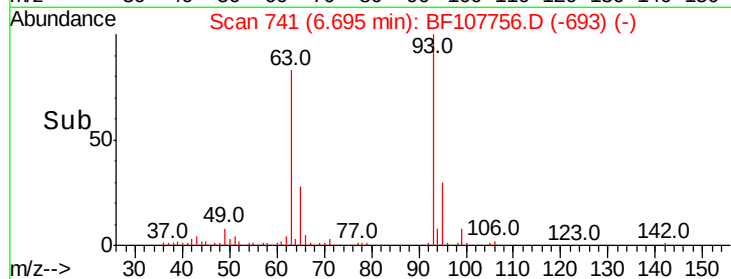
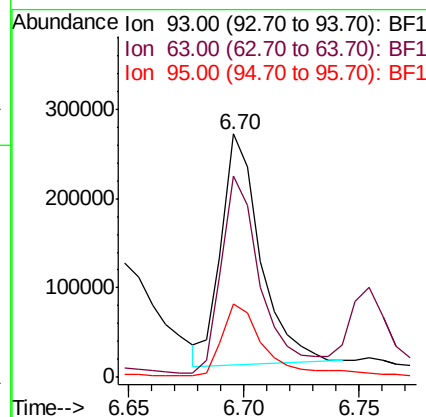
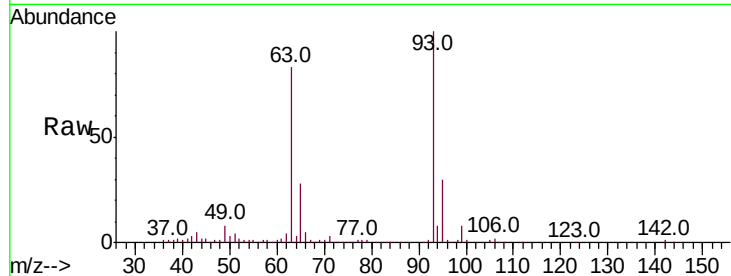
#11
bis(2-Chloroethyl)ether
Concen: 24.653 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion:	93	Resp:	303189
Ion	Ratio	Lower	Upper
93	100		
63	82.7	58.6	98.6
95	30.1	11.8	51.8

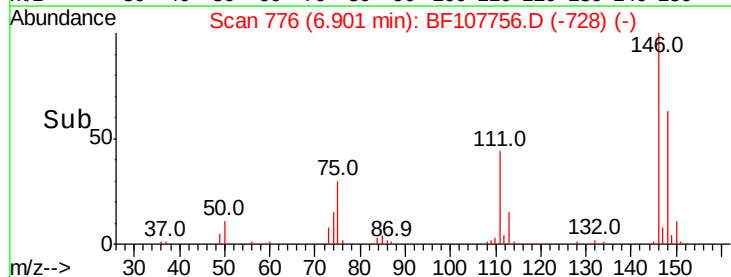
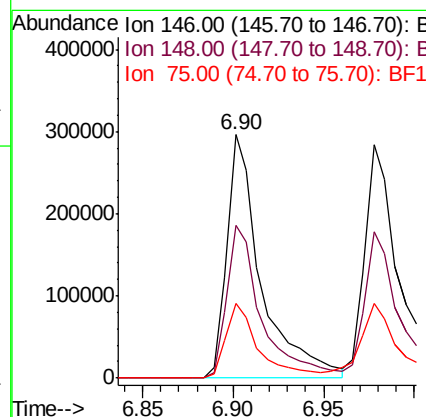
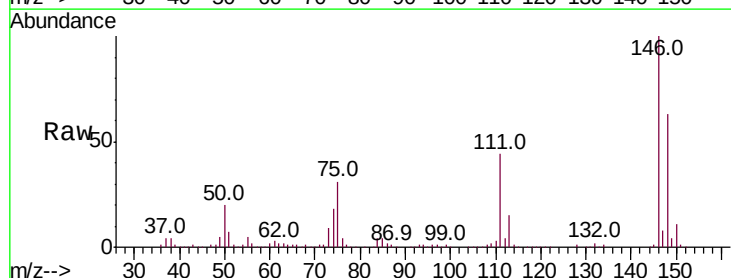
Manual Integrations
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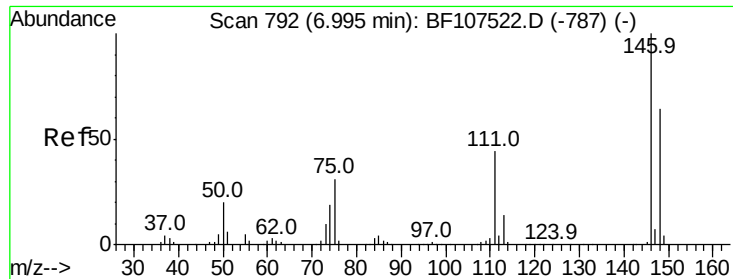
Sohil
7/30/2018 2:02:58 PM



#12
1,3-Dichlorobenzene
Concen: 30.605 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion:	146	Resp:	390503
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	30.8	24.2	36.4





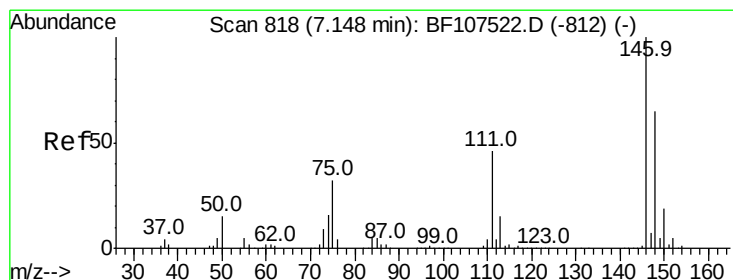
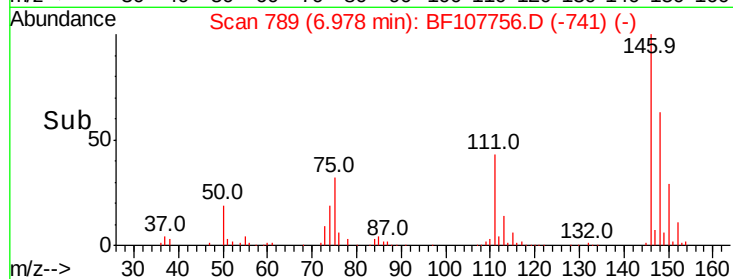
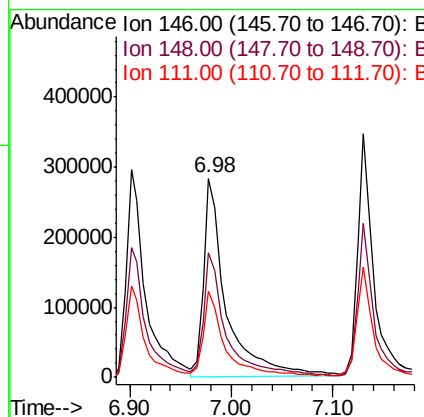
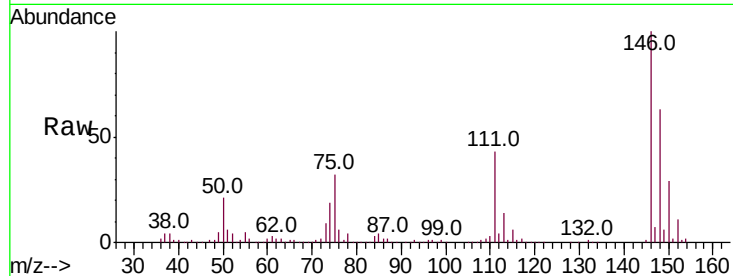
#13
 1,4-Dichlorobenzene
 Concen: 33.798 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampled :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	43.4	34.2	51.2

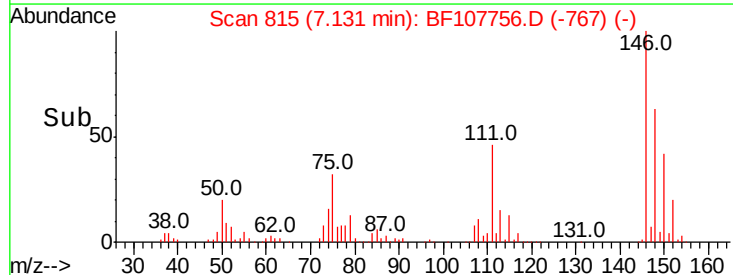
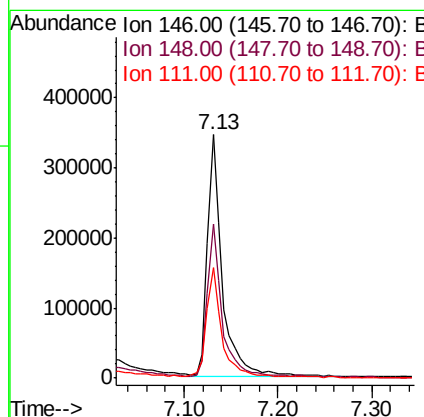
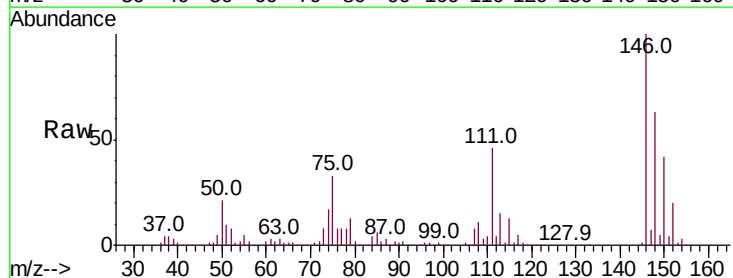
Manual Integrations
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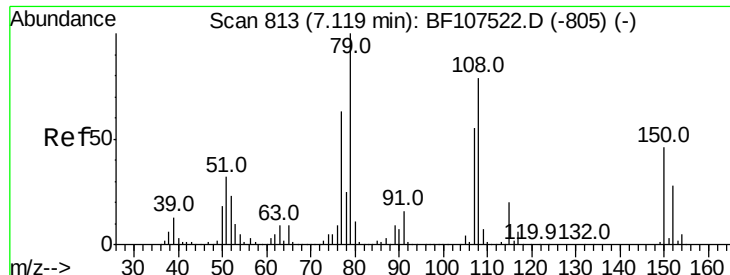
Sohil
 7/30/2018 2:02:58 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.800 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	45.6	36.0	54.0





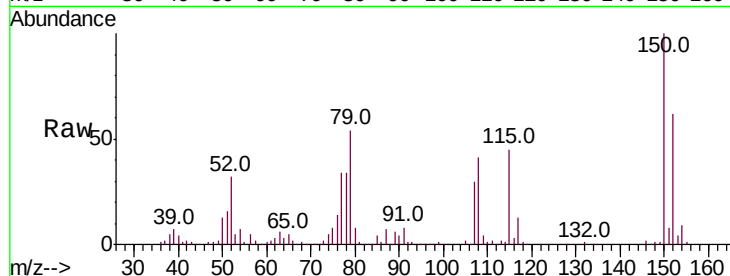
#15
Benzyl Alcohol
Concen: 31.239 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

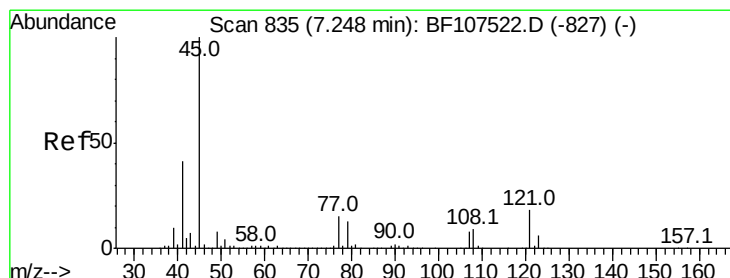
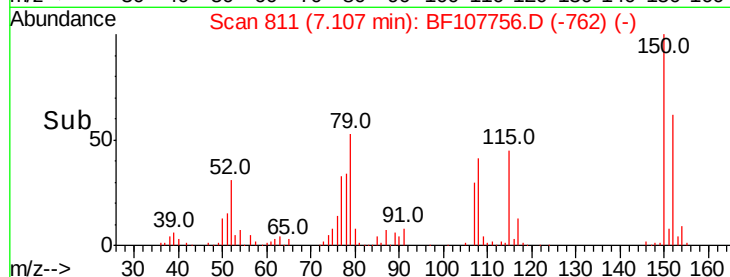
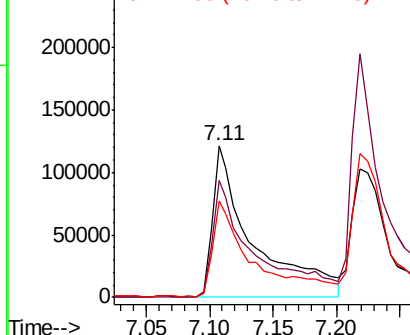
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.2	65.1	97.7
77	63.4	50.6	75.8

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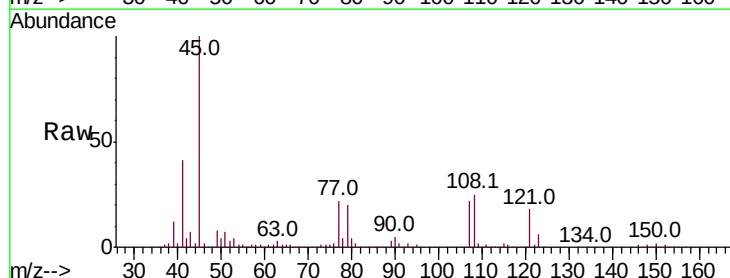


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

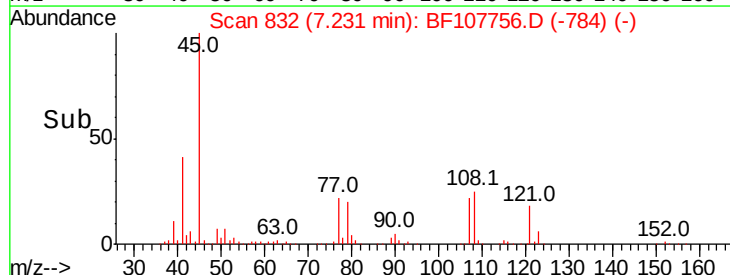
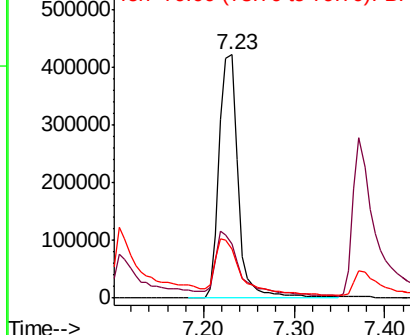


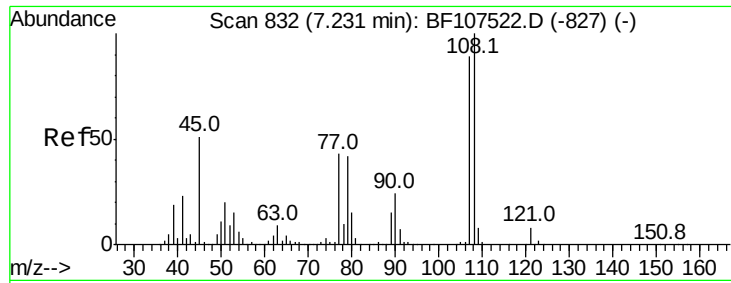
#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.534 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.0	0.0	32.9
79	20.3	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





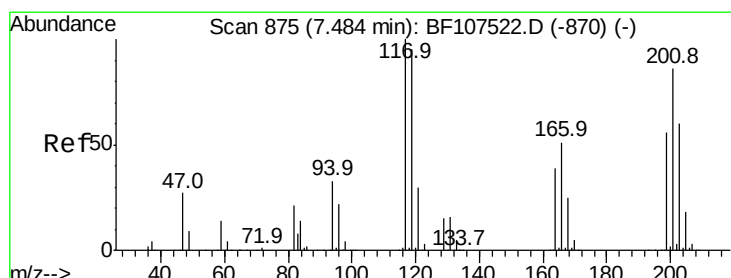
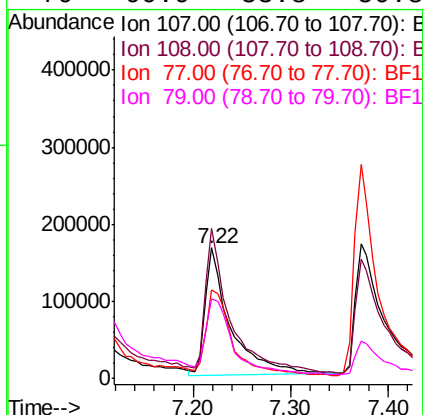
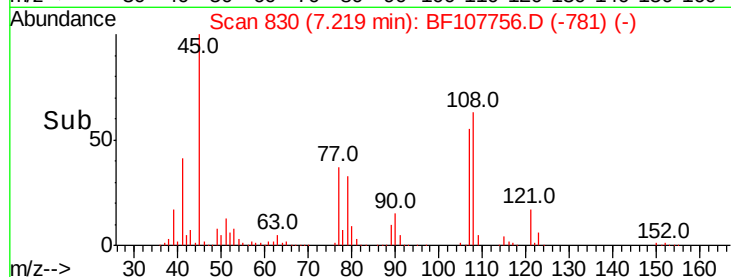
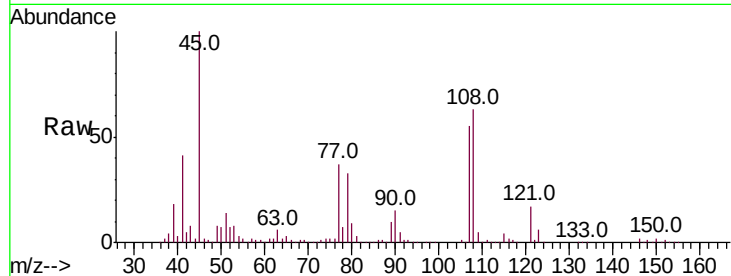
#17
2-Methylphenol
Concen: 31.663 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	91.7	137.5	
77	68.2	33.8	50.8#	
79	60.9	33.8	50.8#	

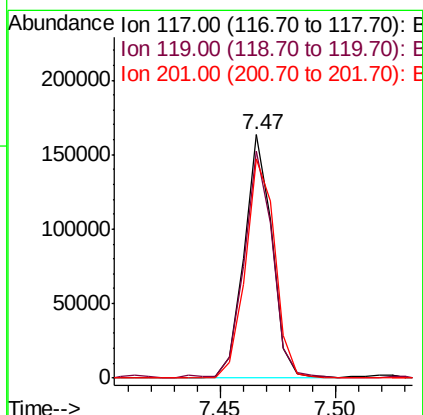
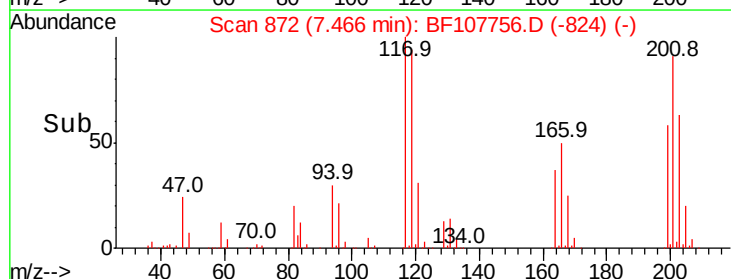
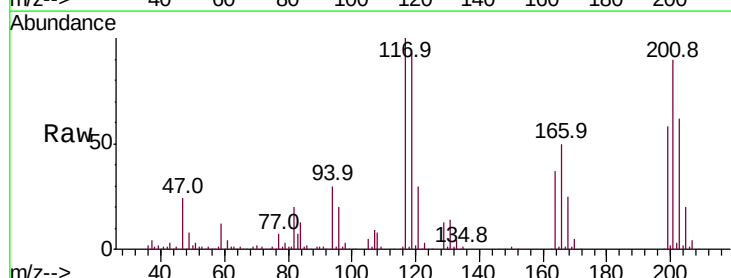
Manual Integrations
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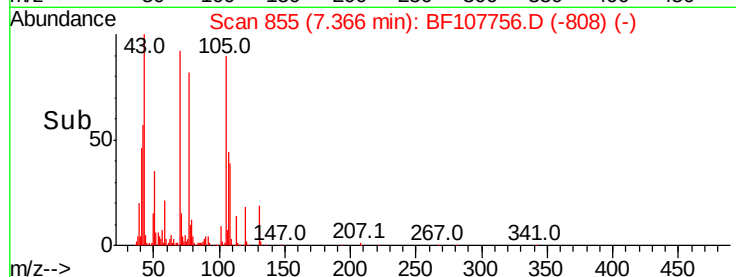
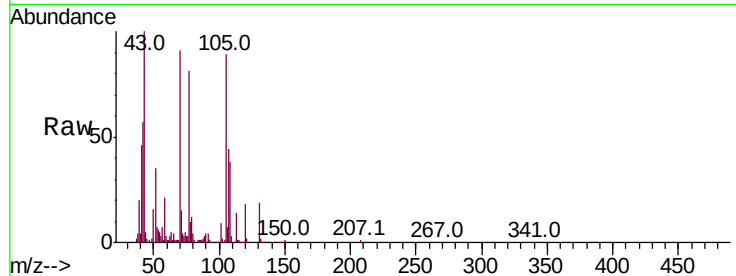
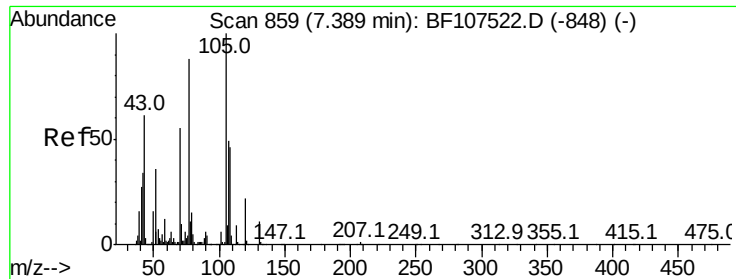
Sohil
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#18
Hexachloroethane
Concen: 30.168 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	75.8	113.8	
201	89.9	75.7	113.5	





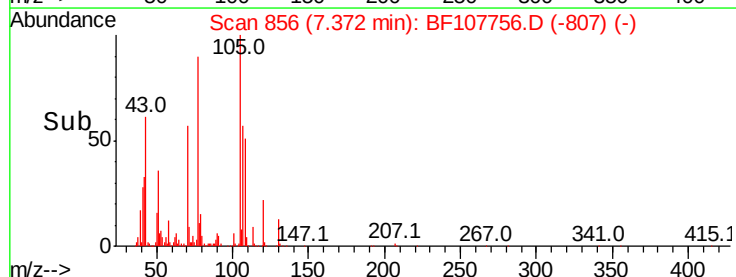
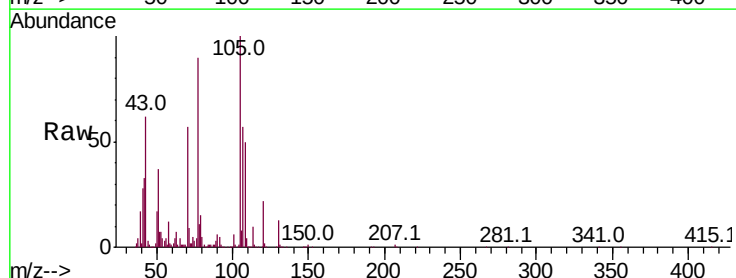
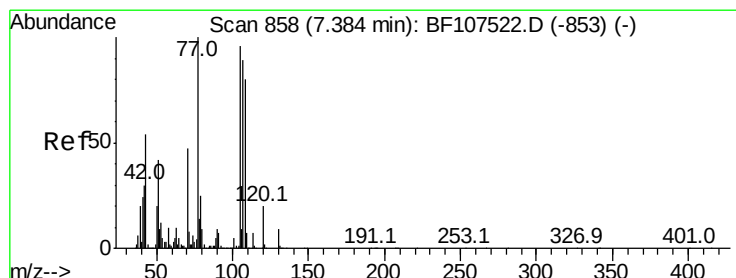
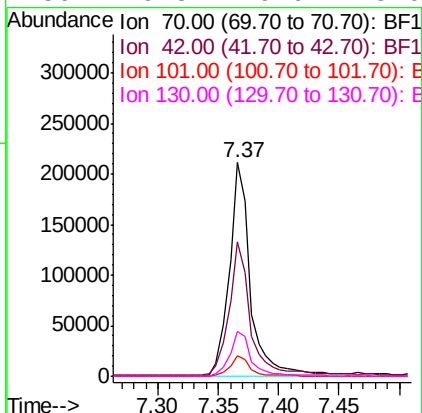
#19
n-Nitroso-di-n-propylamine
Concen: 31.886 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.5	71.3
101	9.4	7.4	11.2
130	20.8	16.6	25.0

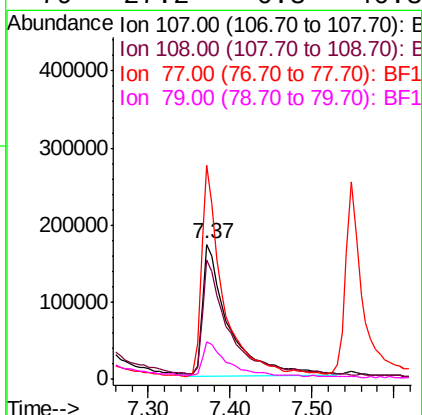
Manual Integrations
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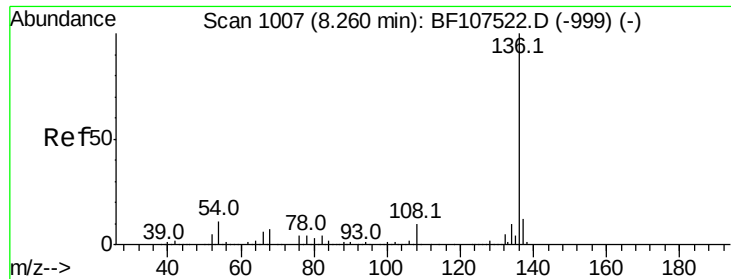
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#20
3+4-Methylphenols
Concen: 34.329 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	158.7	26.7	66.7#
79	27.2	6.3	46.3





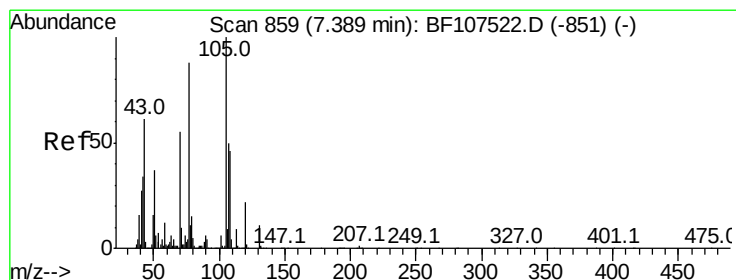
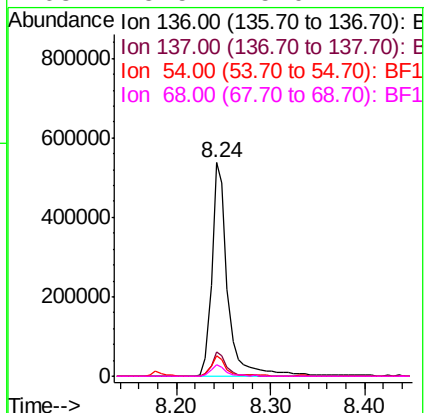
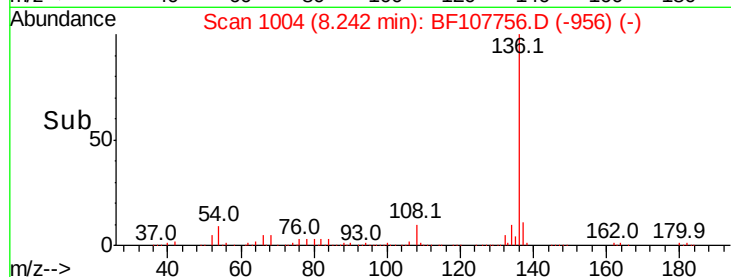
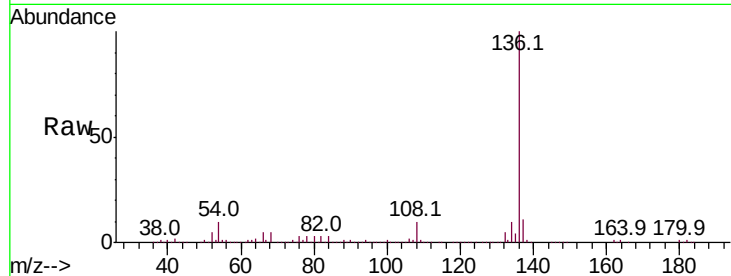
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	9.6	6.6	9.8	
68	5.5	5.0	7.4	

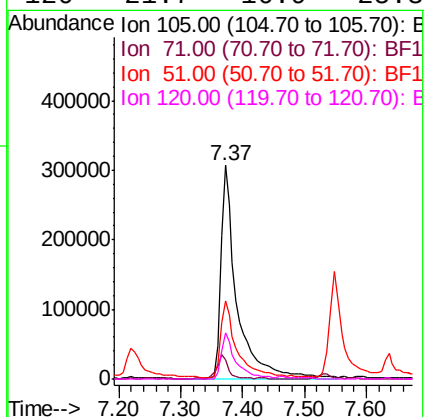
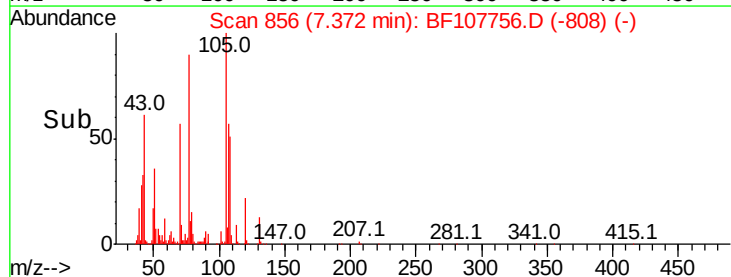
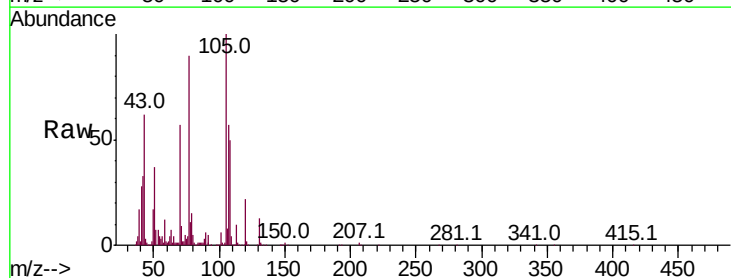
Manual Integrations
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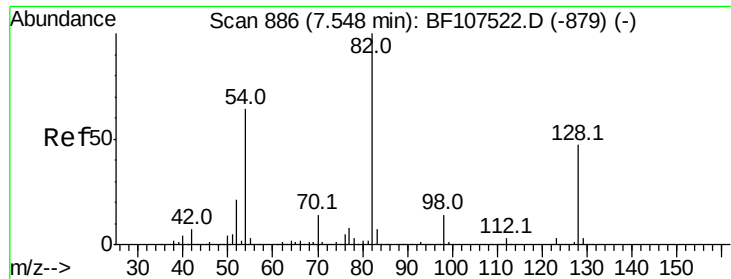
Sohil
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#22
Acetophenone
Concen: 36.320 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.0	4.4	6.6#	
51	36.5	22.3	33.5#	
120	21.7	16.9	25.3	





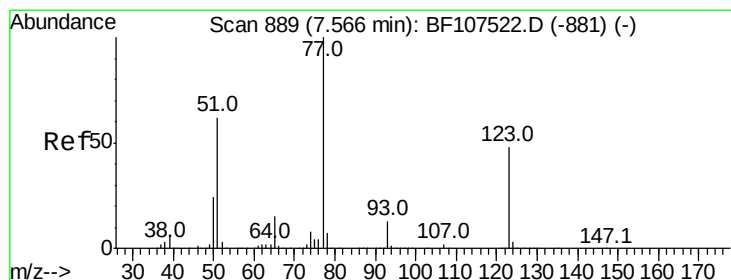
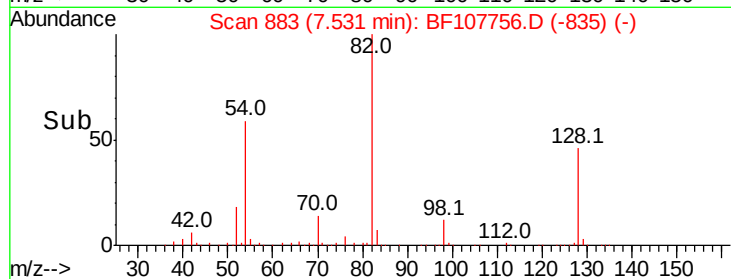
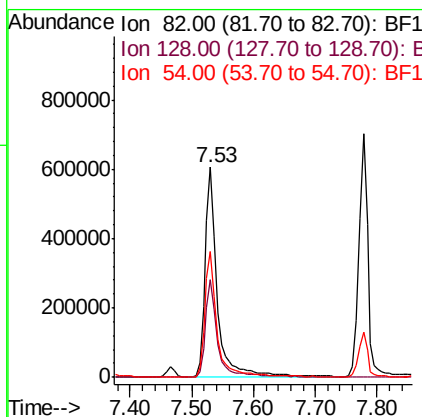
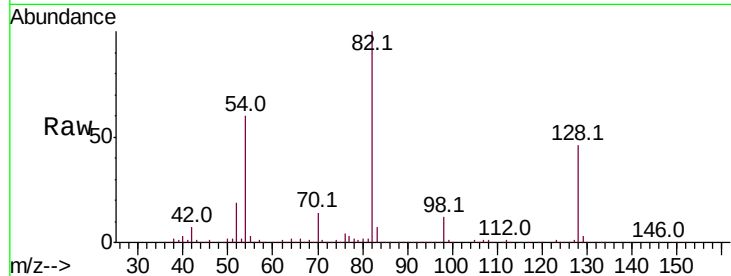
#23
Nitrobenzene-d5
Concen: 89.037 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	59.8	41.4	62.2

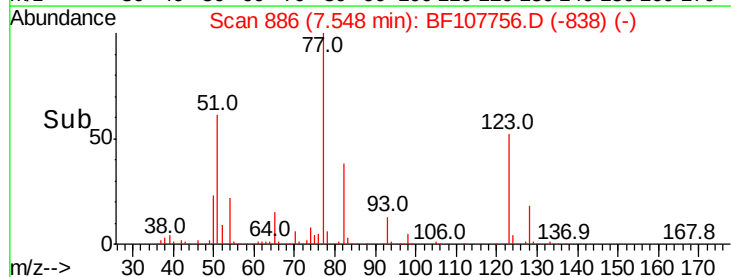
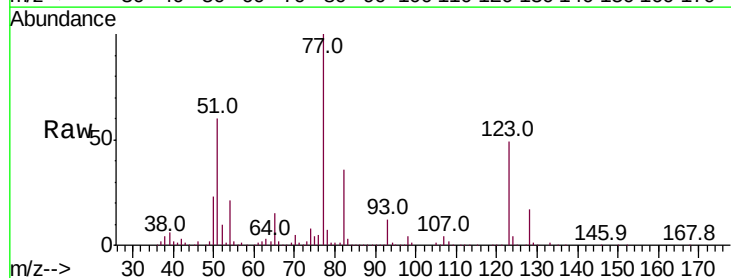
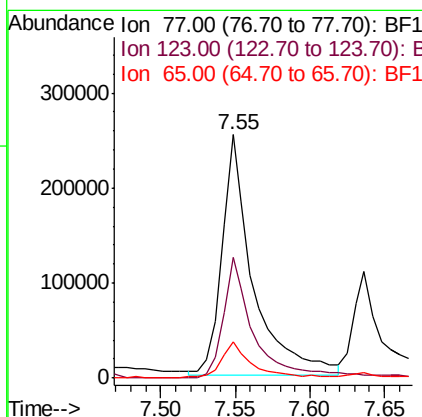
Manual Integrations
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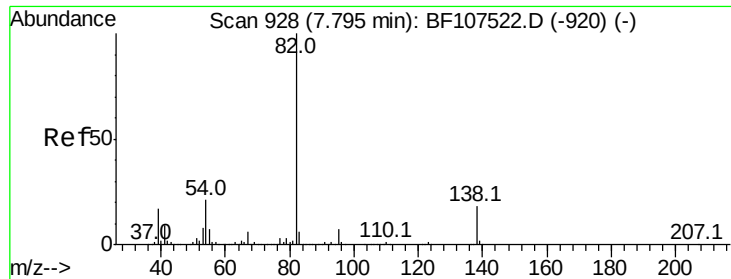
Sohil
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#24
Nitrobenzene
Concen: 33.535 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 35.866 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

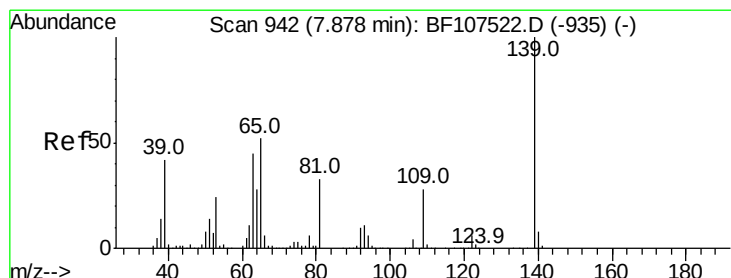
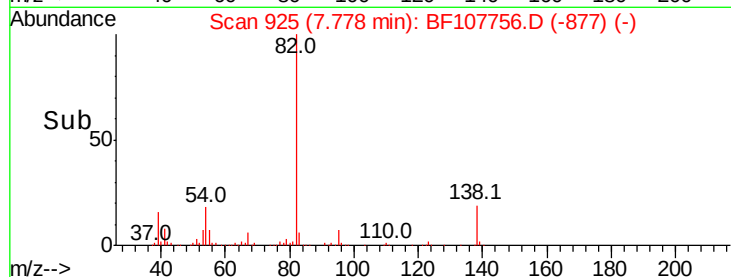
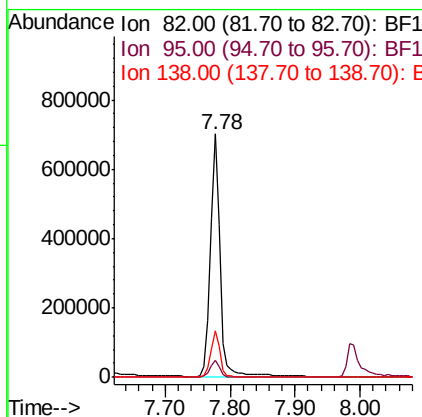
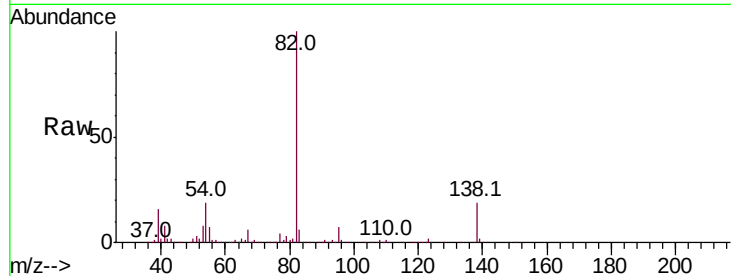
ClientSampleId :

SB-1(3-5)MS

Tot Ion:	82	Resp:	733024
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	19.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.264 ng

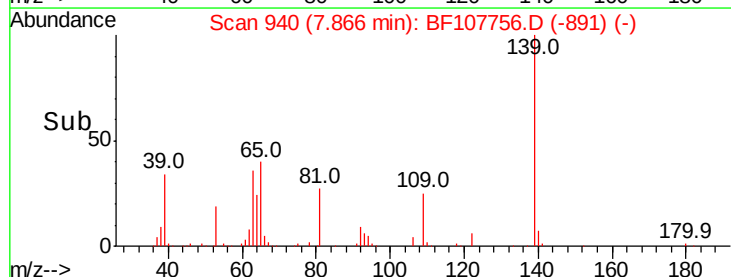
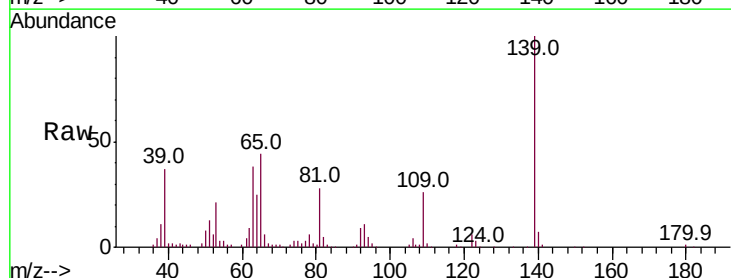
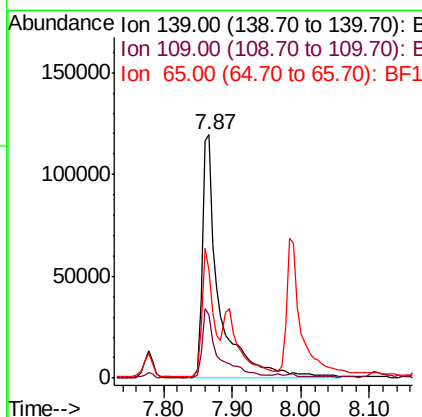
RT: 7.87 min Scan# 940

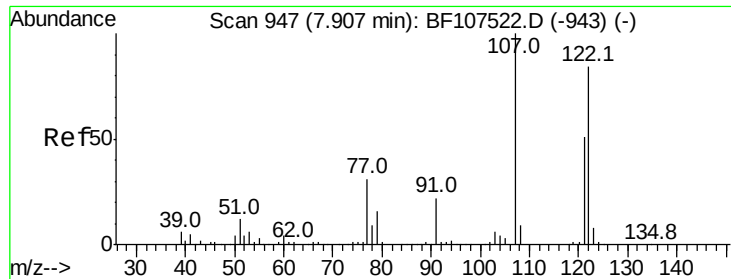
Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Tgt Ion:	139	Resp:	209562
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.7	34.1
65	44.2	40.5	60.7





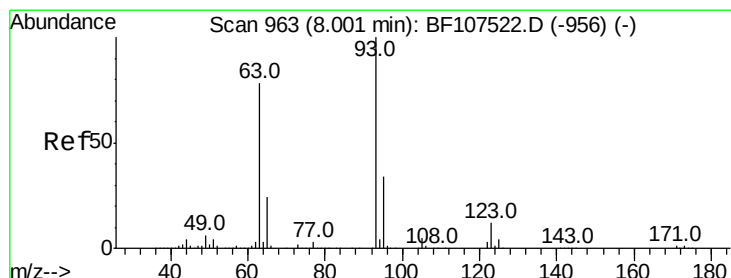
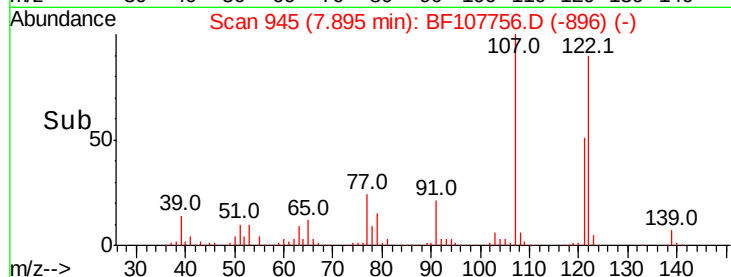
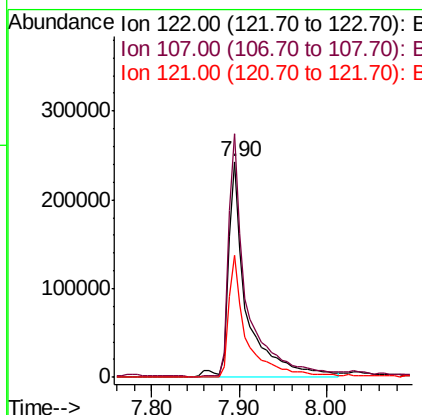
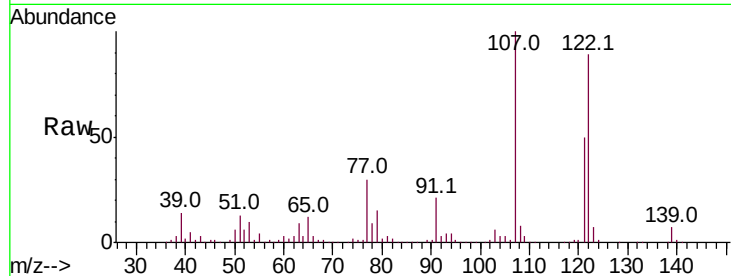
#27
 2,4-Dimethylphenol
 Concen: 40.175 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion:	122	Resp:	352082
Ion Ratio	Lower	Upper	
122	100		
107	112.7	91.2	136.8
121	56.7	47.2	70.8

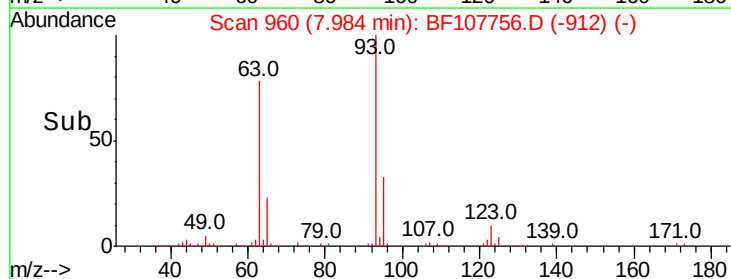
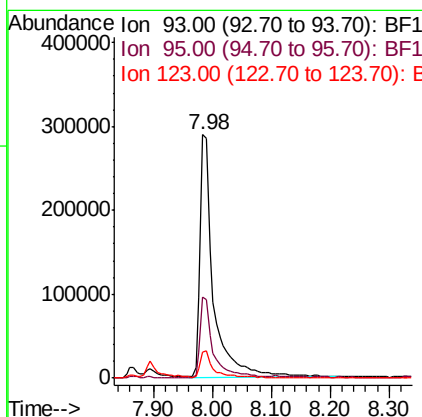
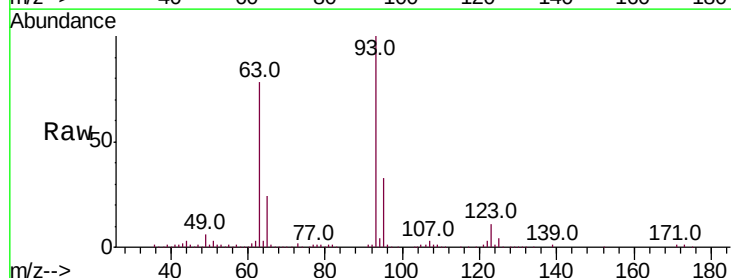
Manual Integrations
 APPROVED

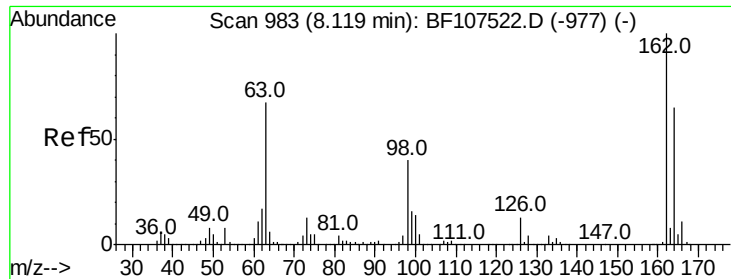
Sohil
 7/30/2018 2:02:58 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.036 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion:	93	Resp:	451226
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	10.9	9.8	14.6





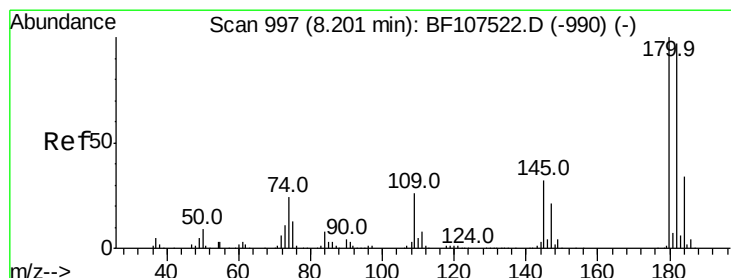
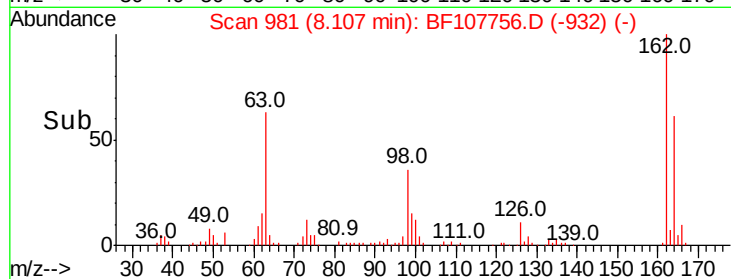
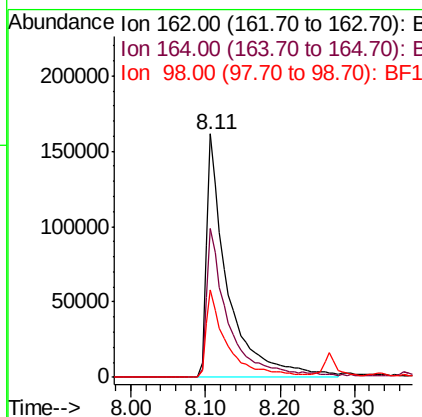
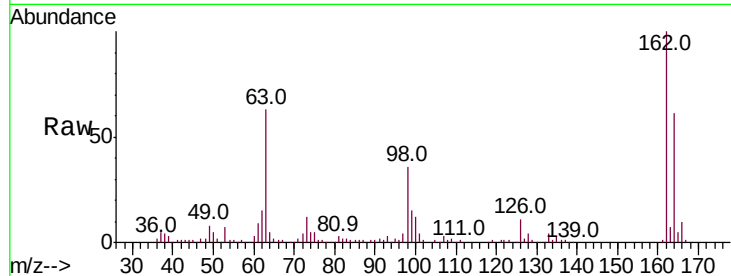
#29
2,4-Dichlorophenol
Concen: 35.379 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	316905		
164	60.9	42.7	82.7	
98	36.2	18.1	58.1	

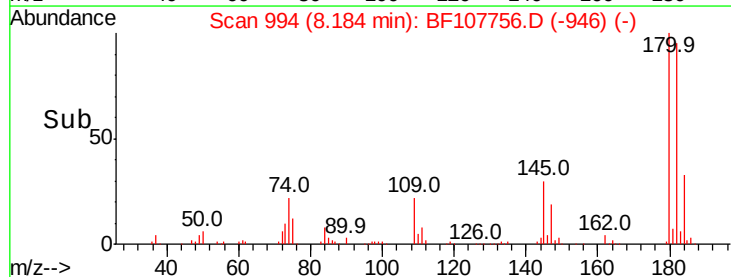
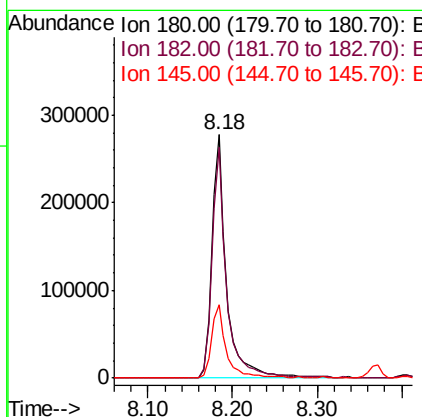
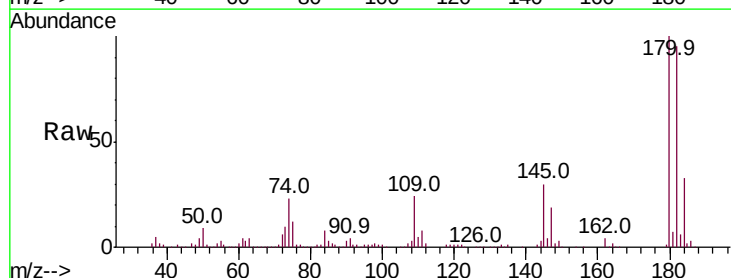
Manual Integrations
APPROVED

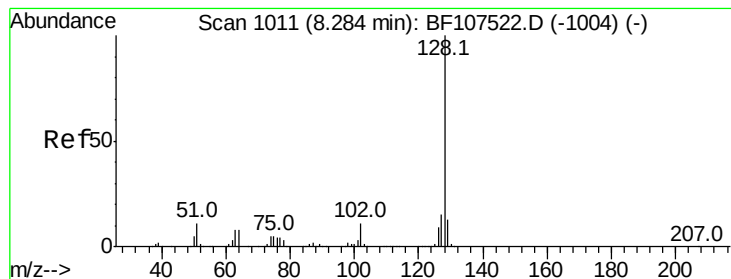
Sohil
7/30/2018 2:02:58 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.151 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	343579		
182	94.7	76.8	115.2	
145	30.3	26.5	39.7	





#31

Naphthalene

Concen: 46.266 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SB-1(3-5)MS

Tot Ion:128 Resp: 1314278

Ion Ratio Lower Upper

128 100

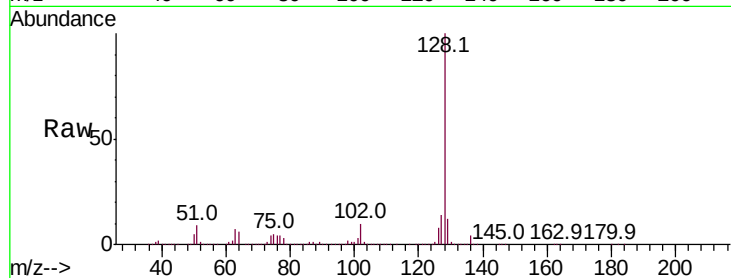
129 11.6 8.8 13.2

127 13.9 10.9 16.3

Manual Integrations
APPROVED

Sohil

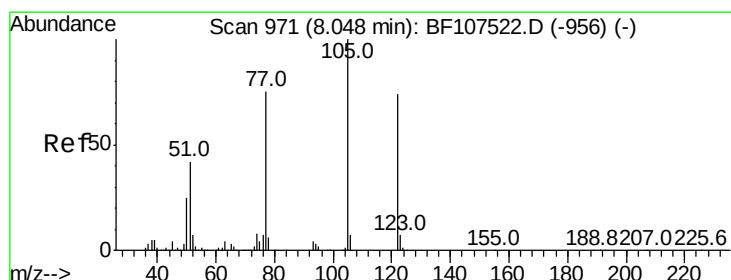
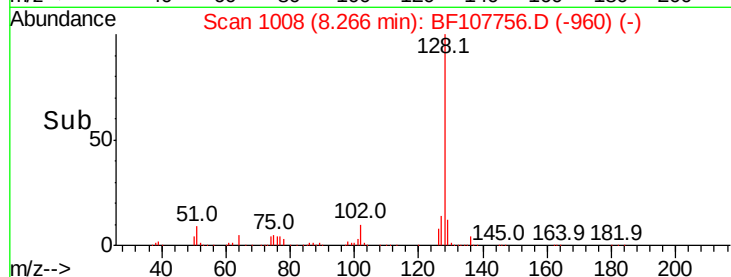
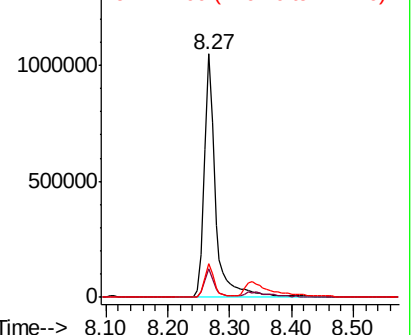
7/30/2018 2:02:58 PM



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: 11.346 ng m

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

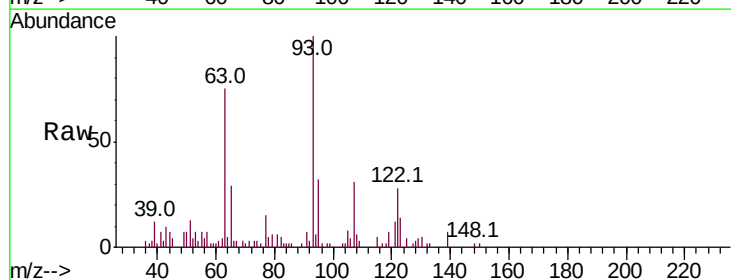
Tgt Ion:122 Resp: 25241

Ion Ratio Lower Upper

122 100

105 29.7 101.1 141.1#

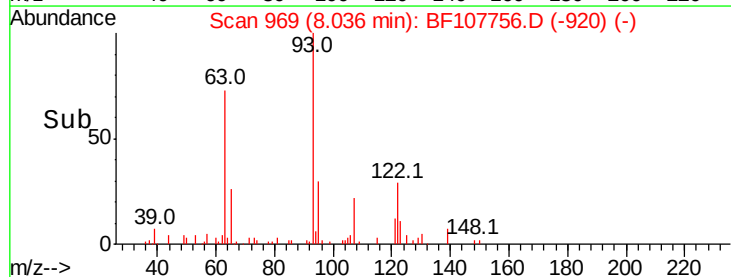
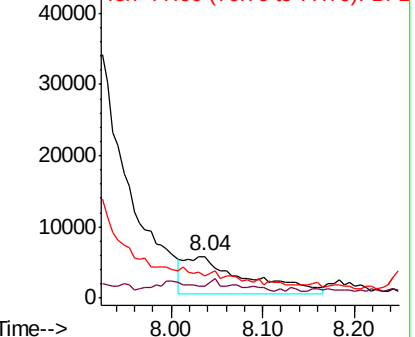
77 54.4 70.7 110.7#

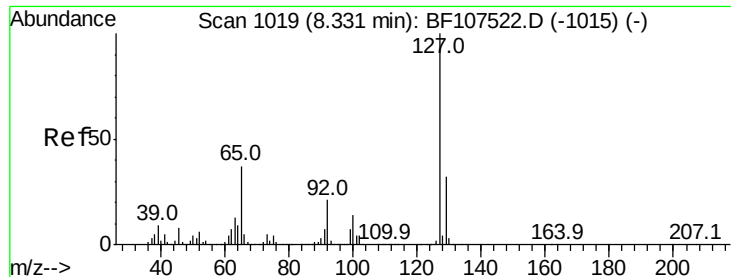


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





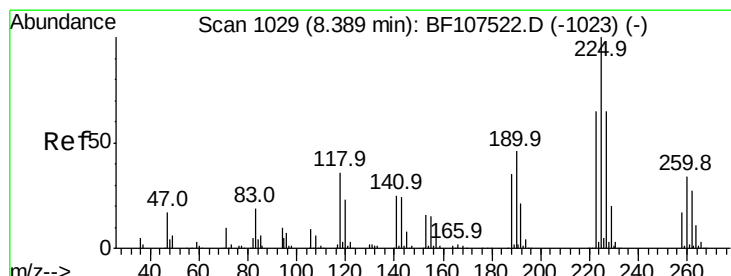
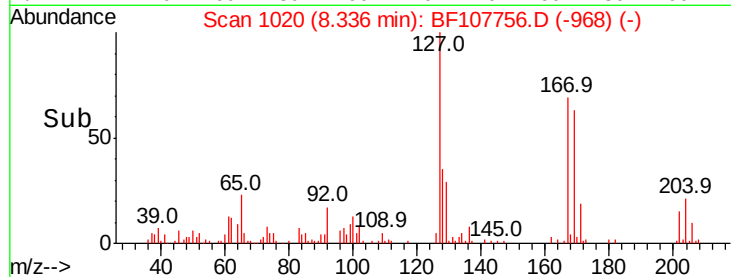
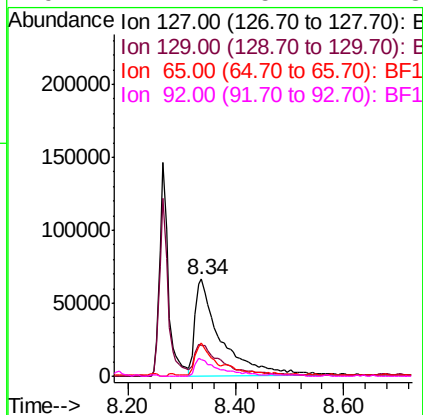
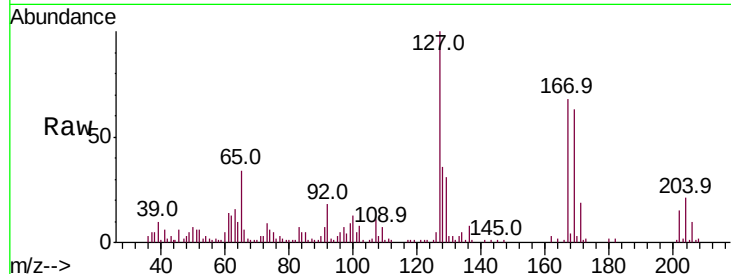
#33
4-Chloroaniline
Concen: 17.523 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.9	38.9		
65	33.9	25.0	37.4		
92	17.7	15.2	22.8		

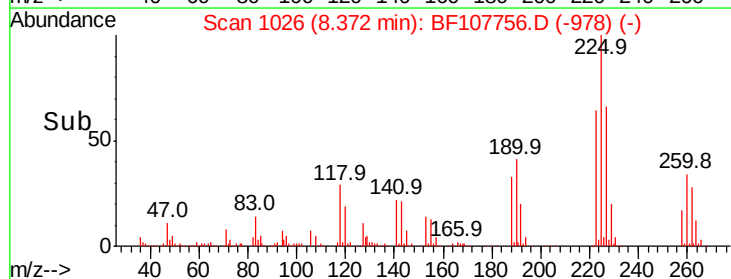
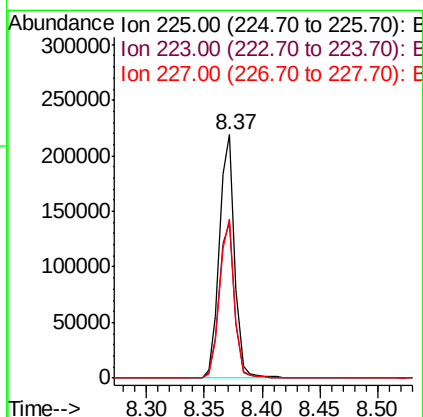
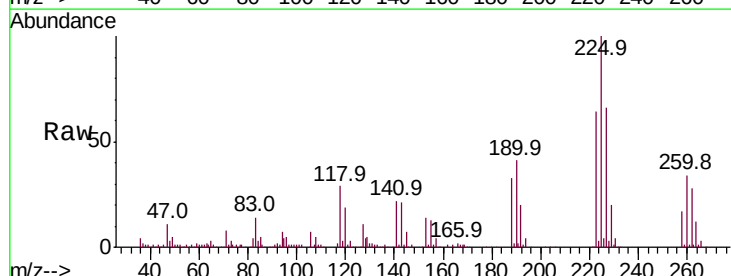
Manual Integrations
APPROVED

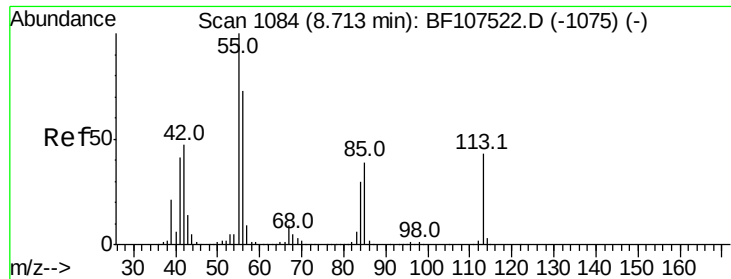
Sohil
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#34
Hexachlorobutadiene
Concen: 33.640 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.6	76.0		
227	65.6	51.9	77.9		





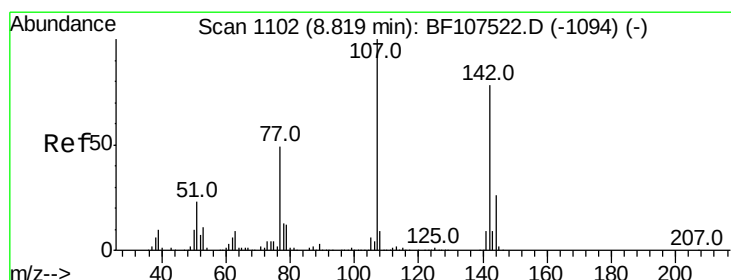
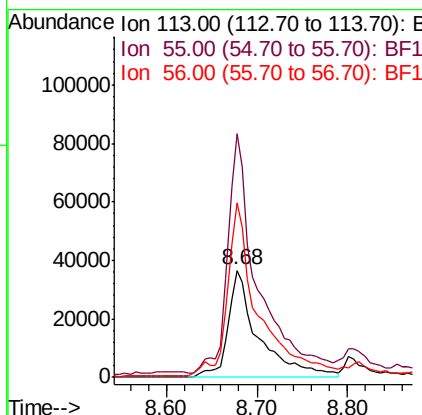
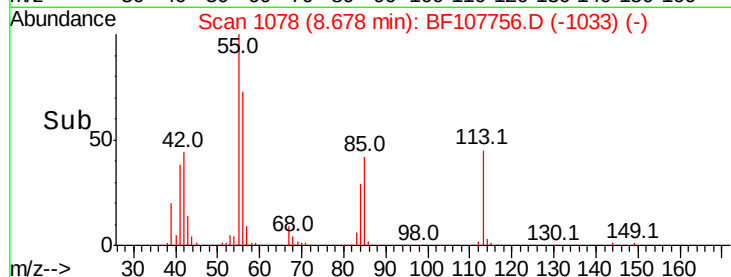
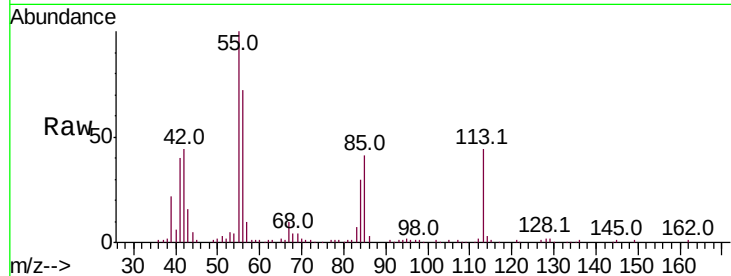
#35
 Caprolactam
 Concen: 29.591 ng
 RT: 8.68 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampled :
 SB-1(3-5)MS

Tot Ion:113 Resp: 86213
 Ion Ratio Lower Upper
 113 100
 55 228.2 163.3 203.3#
 56 163.9 115.7 155.7#

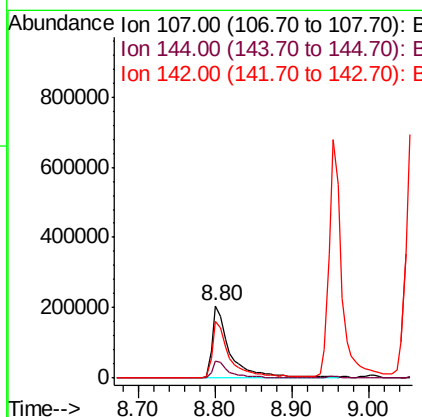
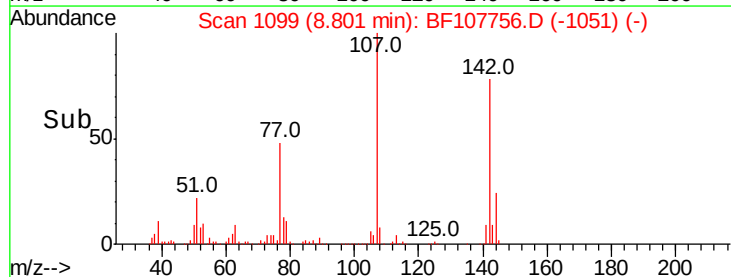
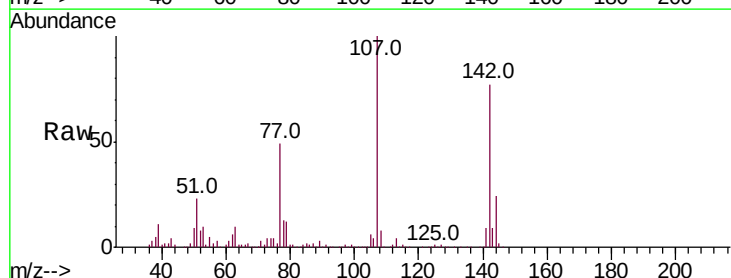
Manual Integrations
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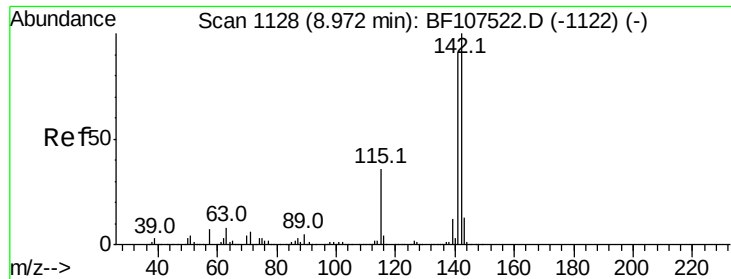
Sohil
 7/30/2018 2:02:58 PM



#36
 4-Chloro-3-methylphenol
 Concen: 33.169 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion:107 Resp: 330036
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.5 30.7
 142 77.4 62.0 93.0





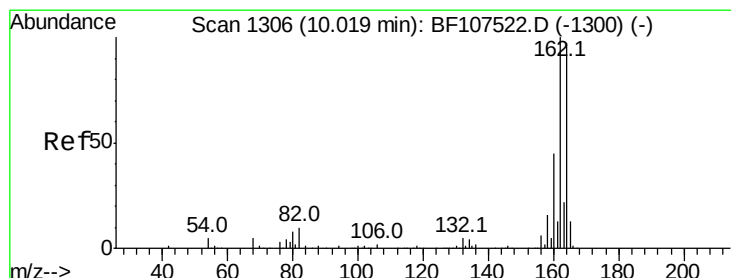
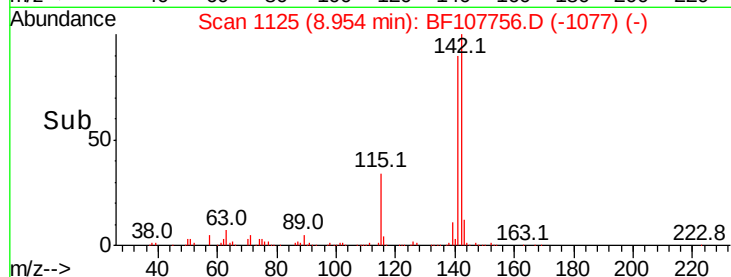
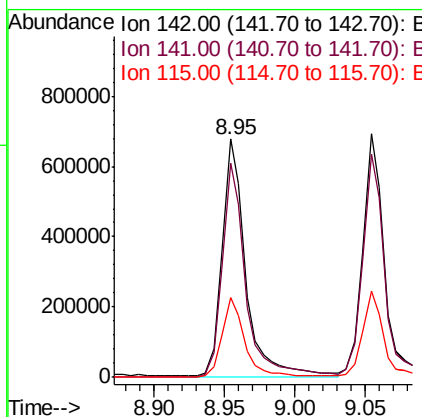
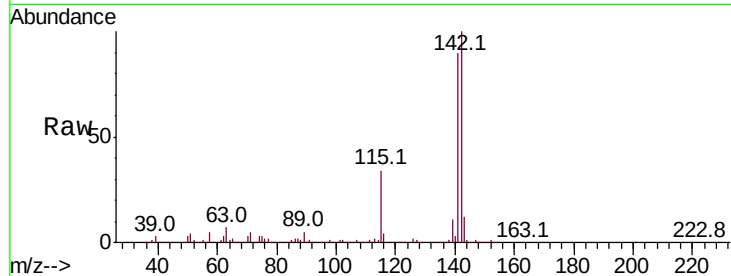
#37
2-Methylnaphthalene
Concen: 40.292 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	793144		
141	90.0		70.8	106.2
115	33.6		26.1	39.1

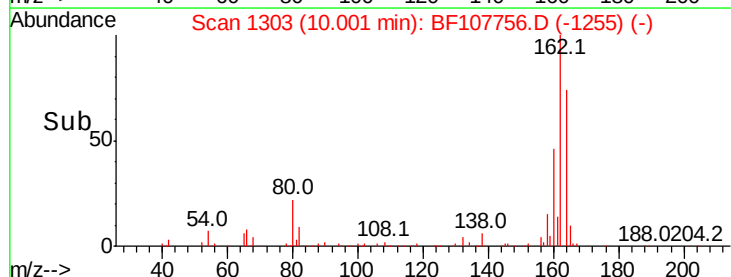
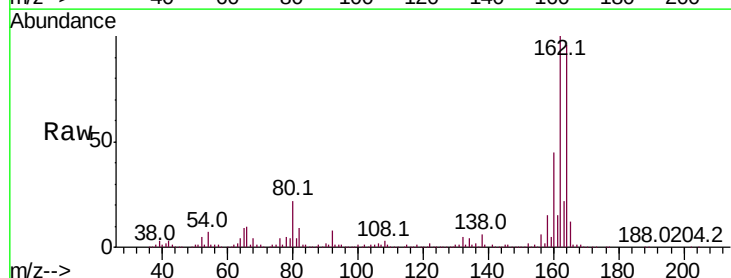
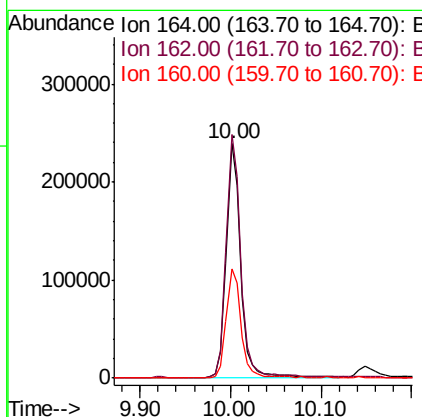
Manual Integrations
APPROVED

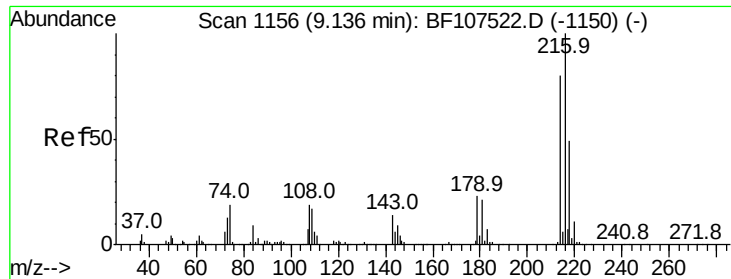
Sohil
7/30/2018 2:02:58 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	264506		
162	103.8		86.1	129.1
160	46.8		38.3	57.5





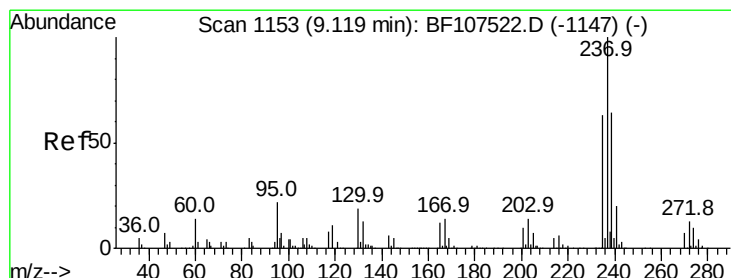
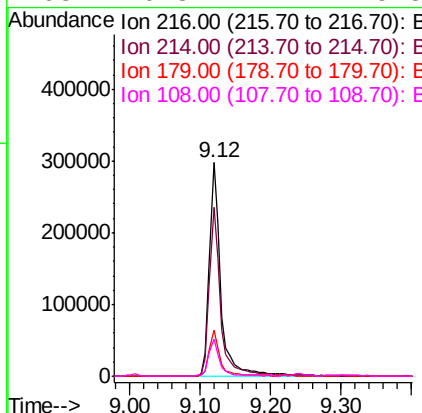
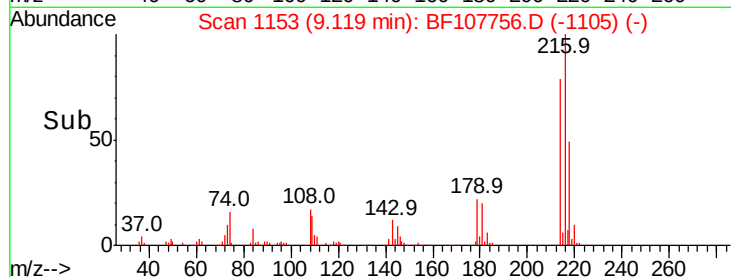
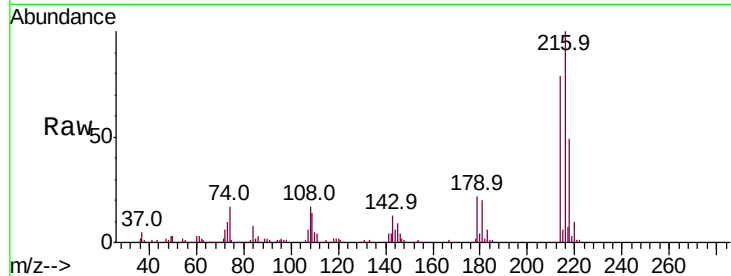
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.144 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.9	63.0	94.4
179	20.5	18.1	27.1
108	16.8	17.2	25.8#

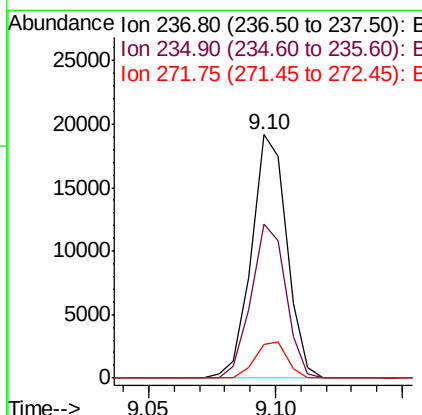
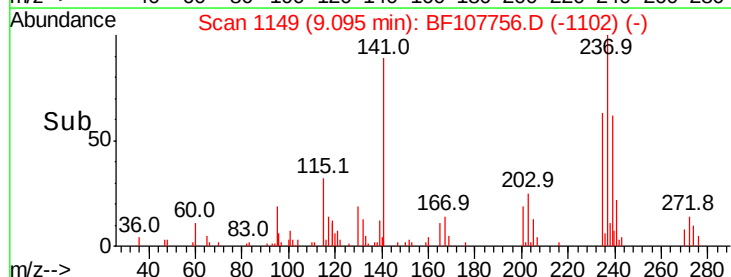
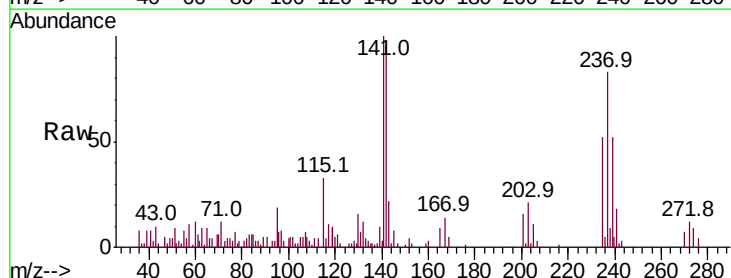
Manual Integrations
 APPROVED

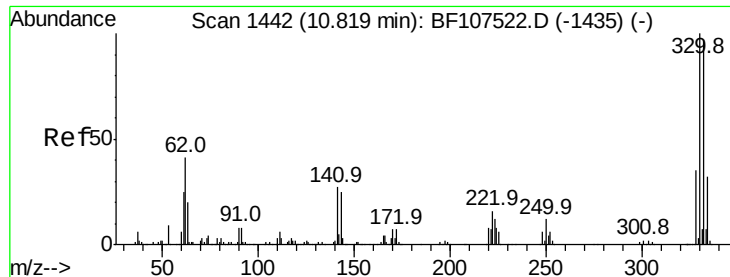
Sohil
 7/30/2018 2:02:58 PM



#40
 Hexachlorocyclopentadiene
 Concen: 4.162 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	44.8	84.8
272	14.0	0.0	33.3





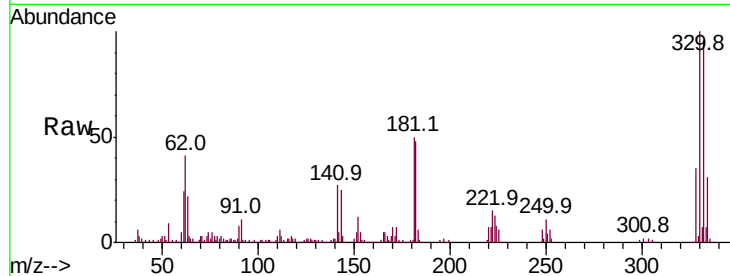
#41
 2,4,6-Tribromophenol
 Concen: 111.691 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampled :
 SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	27.1	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 7/30/2018 2:02:58 PM

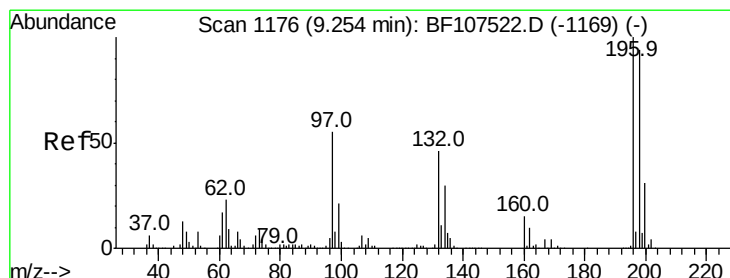
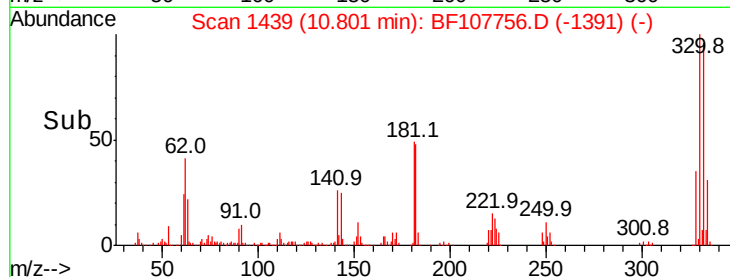
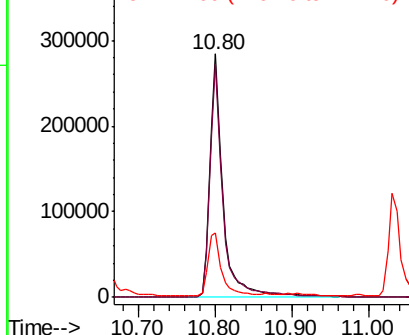


Abundance

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: 35.156 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

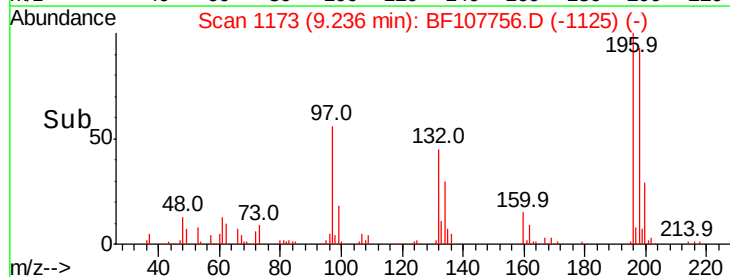
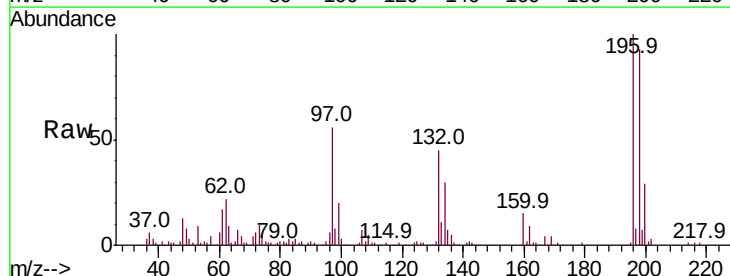
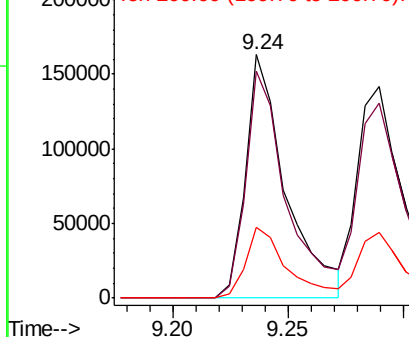
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	75.7	113.5	
200	29.3	24.5	36.7	

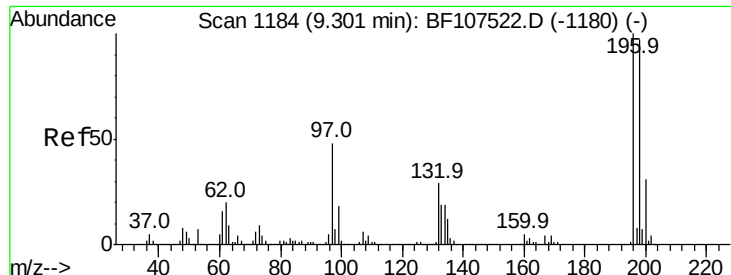
Abundance

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





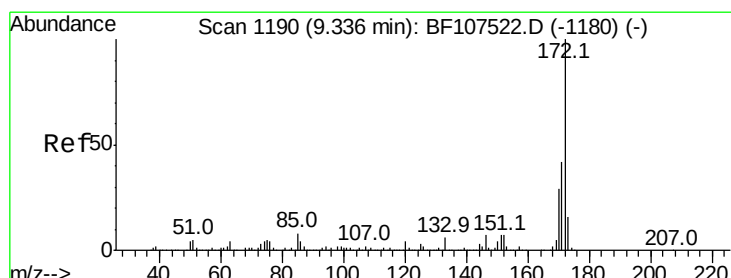
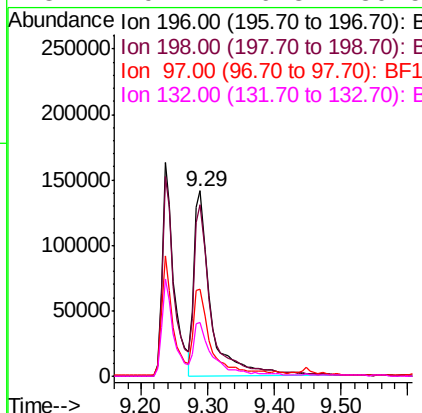
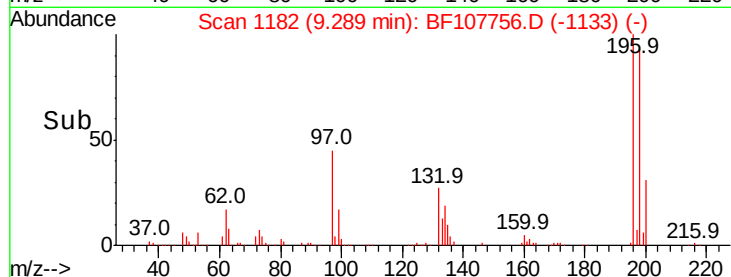
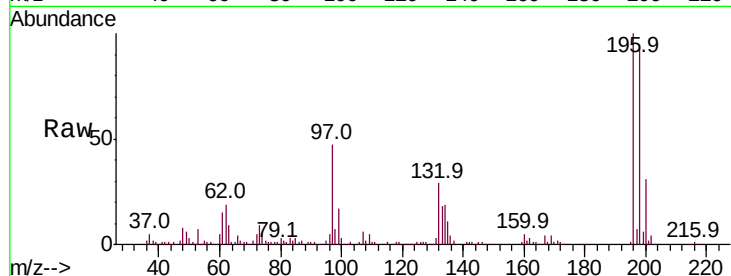
#43
2,4,5-Trichlorophenol
Concen: 40.541 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	239274		
198	92.5	74.6	112.0	
97	47.1	42.9	64.3	
132	29.1	26.3	39.5	

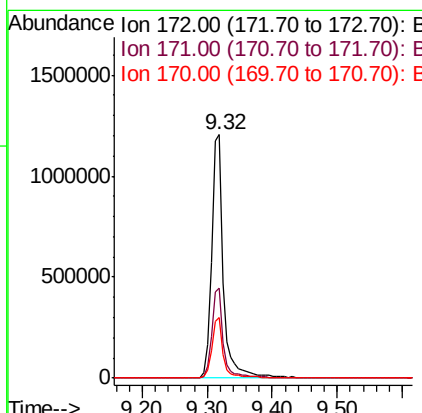
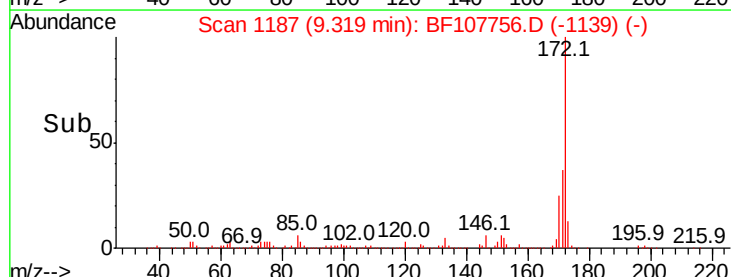
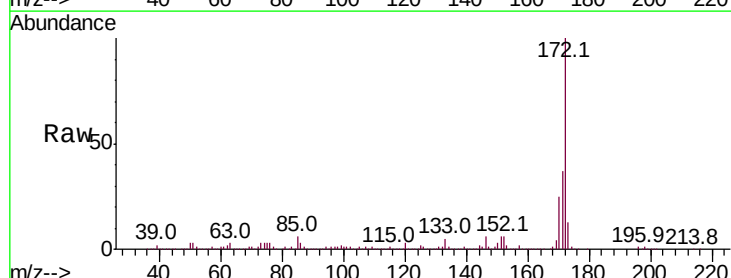
Manual Integrations
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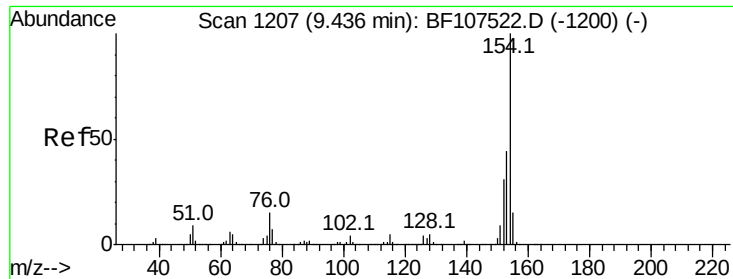
Sohil
7/30/2018 2:02:58 PM



#44
2-Fluorobiphenyl
Concen: 103.891 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1511182		
171	36.7	29.7	44.5	
170	24.6	19.6	29.4	





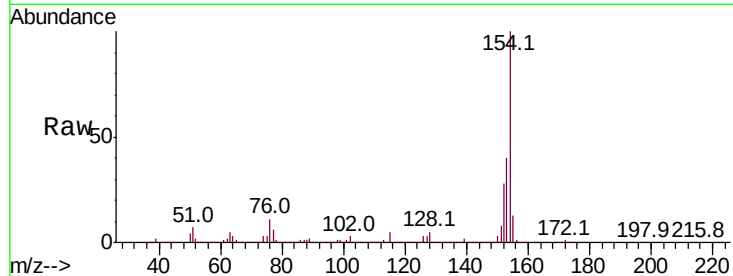
#45
1,1'-Biphenyl
Concen: 39.993 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	11.4	0.0	34.0

Manual Integrations
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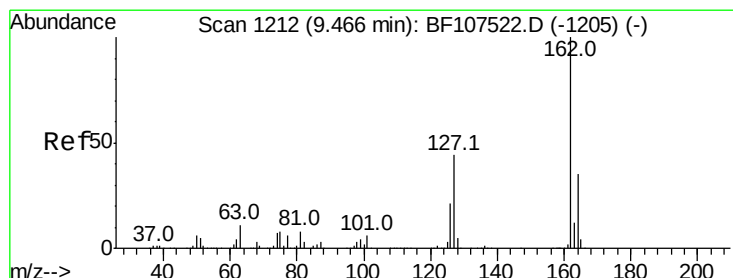
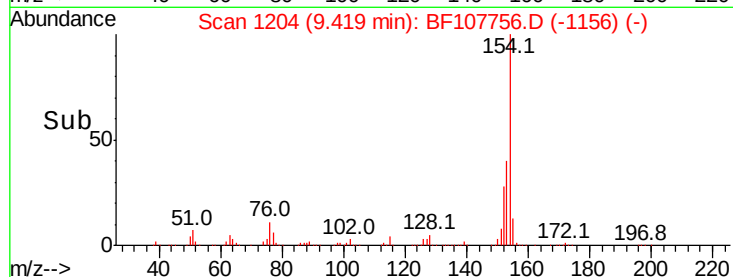
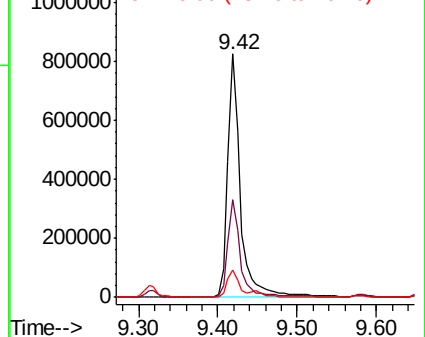


Abundance

Ion 154.00 (153.70 to 154.70): E

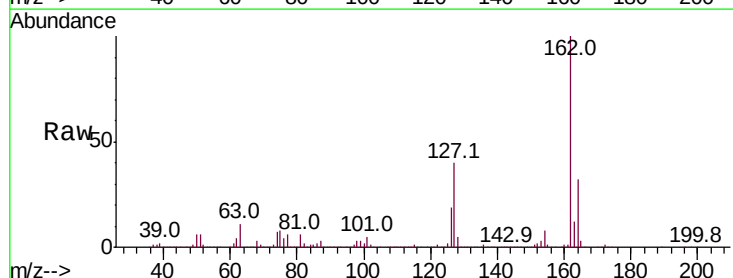
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 36.677 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	32.2	26.5	39.7

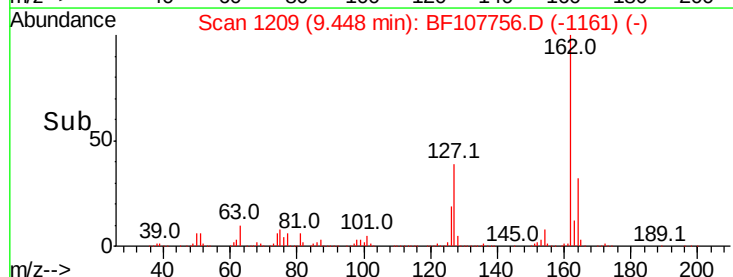
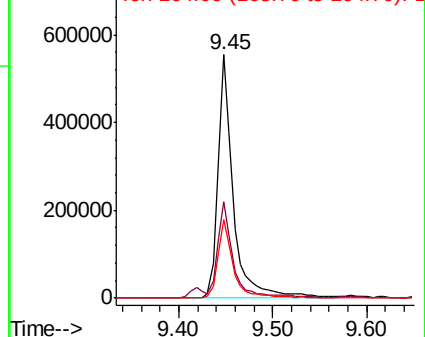


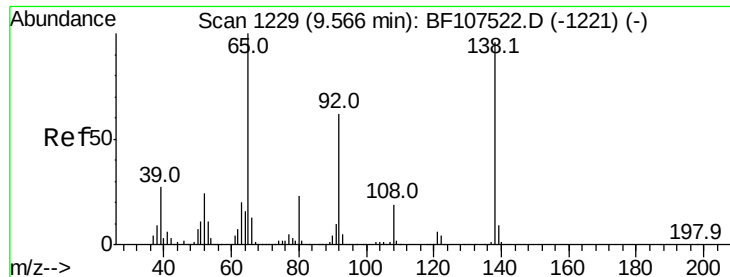
Abundance

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: 40.784 ng

RT: 9.55 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

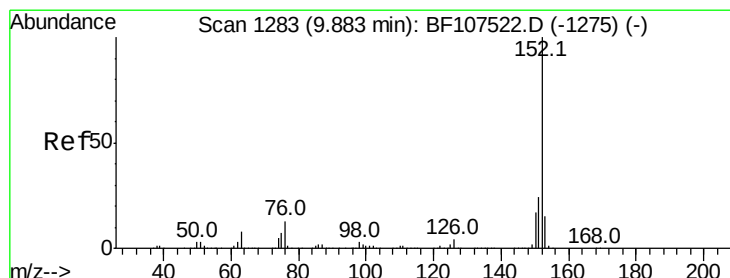
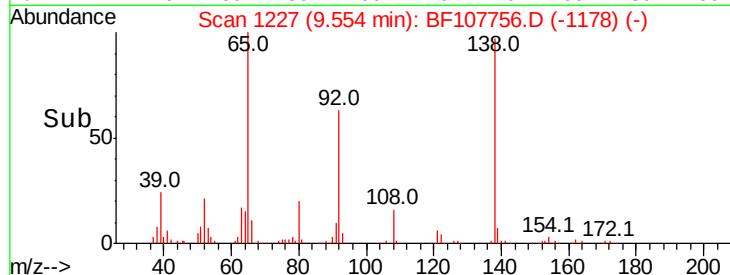
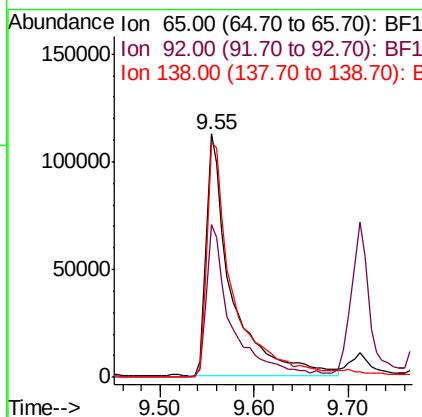
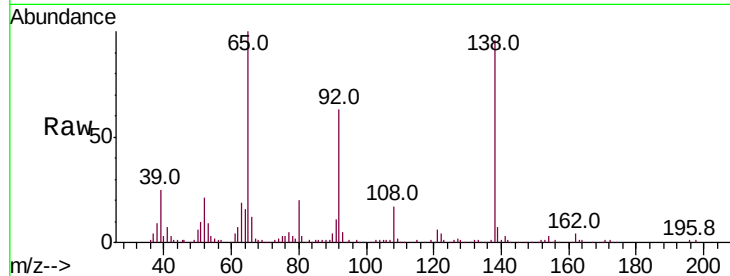
ClientSampled :

SB-1(3-5)MS

Tot Ion:	65	Resp:	209409
Ion Ratio	Lower	Upper	
65	100		
92	62.7	55.8	83.6
138	96.4	91.2	136.8

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#48

Acenaphthylene

Concen: 41.054 ng

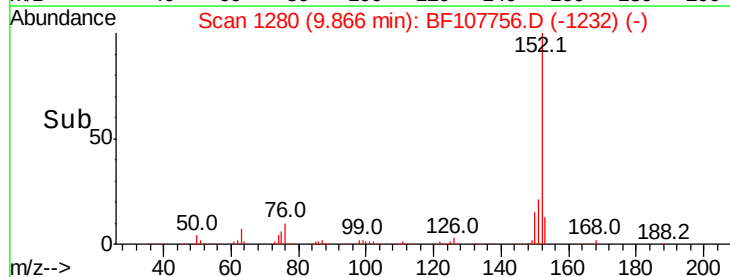
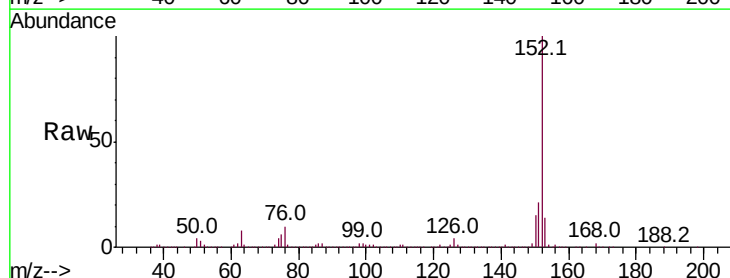
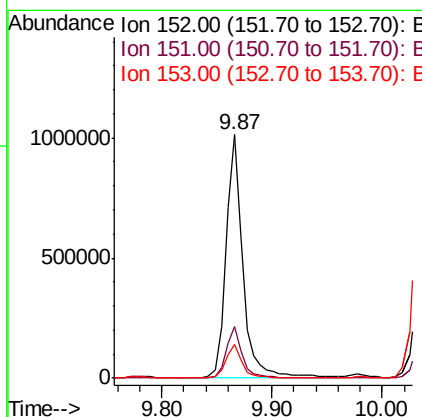
RT: 9.87 min Scan# 1280

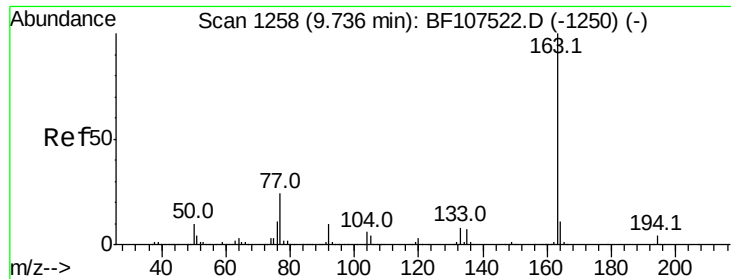
Delta R.T. -0.02 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Tgt Ion:	152	Resp:	1086173
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.8	10.7	16.1





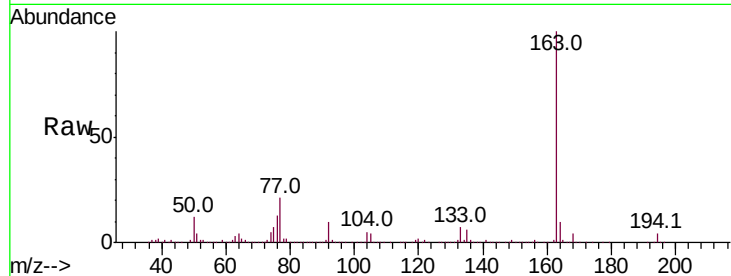
#49
Dimethylphthalate
Concen: 41.047 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

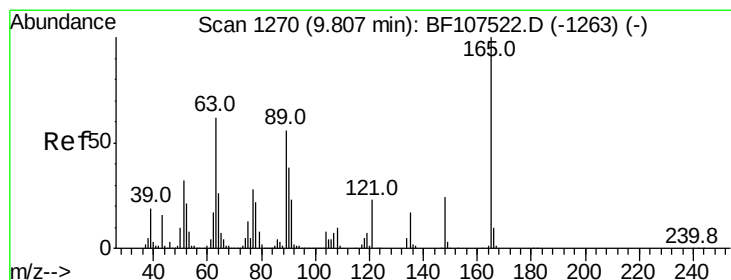
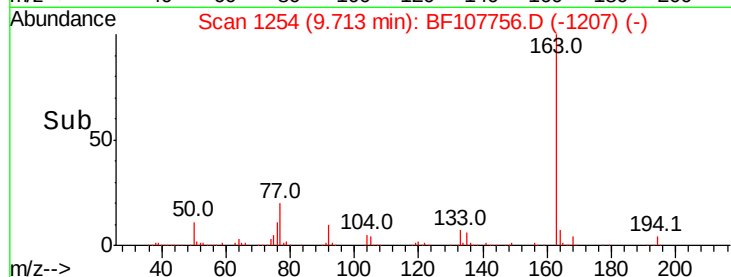
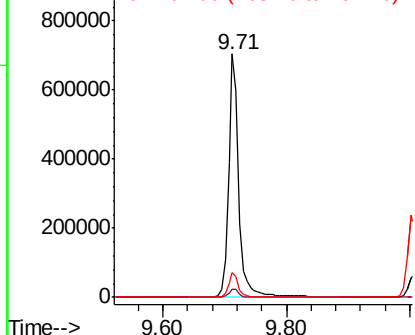
Tot Ion	Ratio	Resp	Lower	Upper
163	100	818268		
194	3.6		2.7	4.1
164	10.1		8.2	12.2

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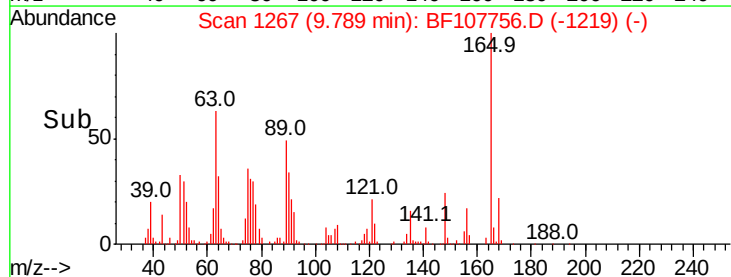
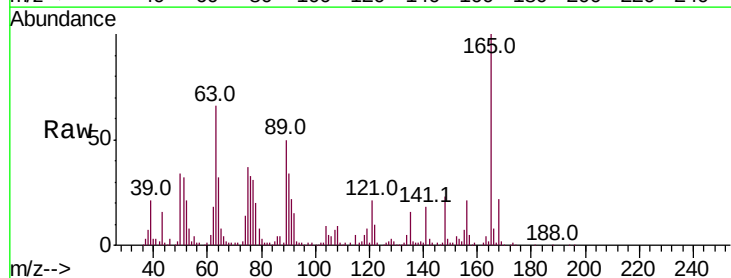
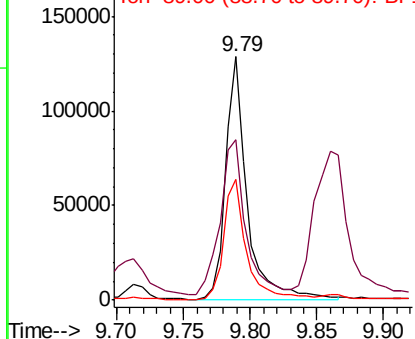
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

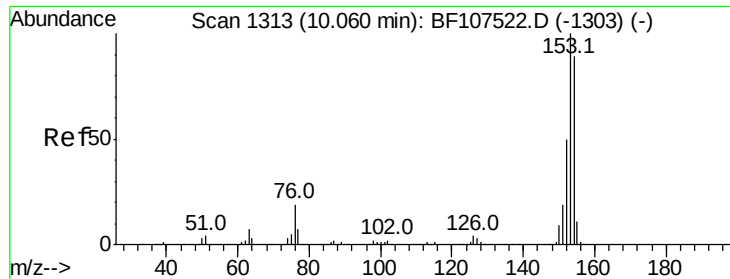


#50
2,6-Dinitrotoluene
Concen: 36.662 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145103		
63	65.7		44.7	67.1
89	49.6		44.0	66.0

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





#51

Acenaphthene

Concen: 64.828 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SB-1(3-5)MS

Tot Ion:154 Resp: 1074644

Ion Ratio Lower Upper

154 100

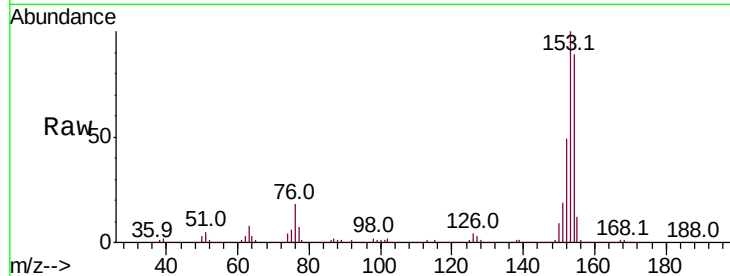
153 112.3 91.2 136.8

152 54.5 43.8 65.8

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Sohil

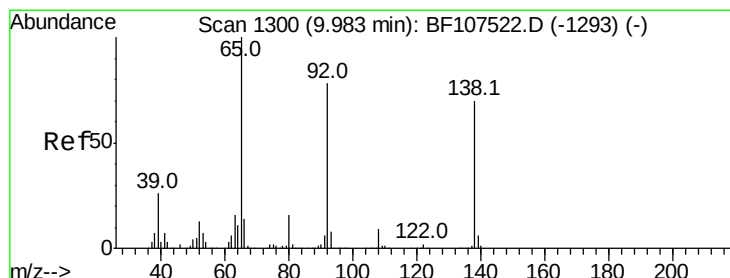
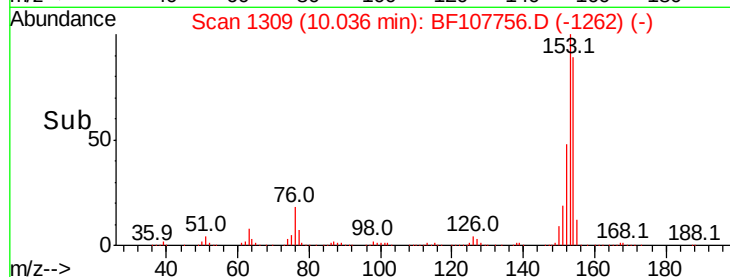
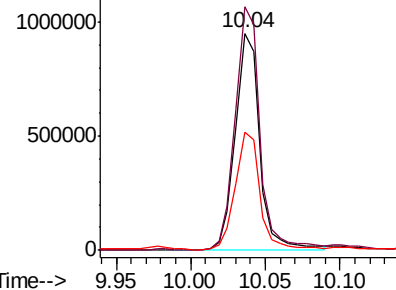
7/30/2018 2:02:58 PM



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: 24.345 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

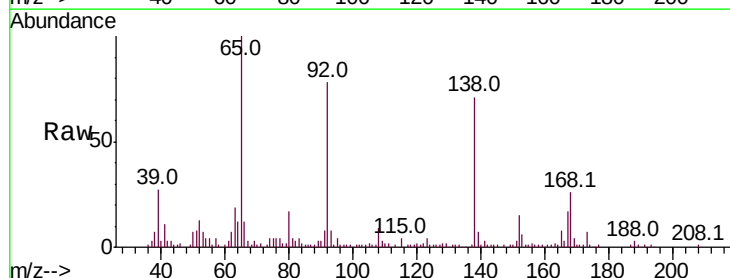
Tgt Ion:138 Resp: 117220

Ion Ratio Lower Upper

138 100

108 13.1 9.4 14.0

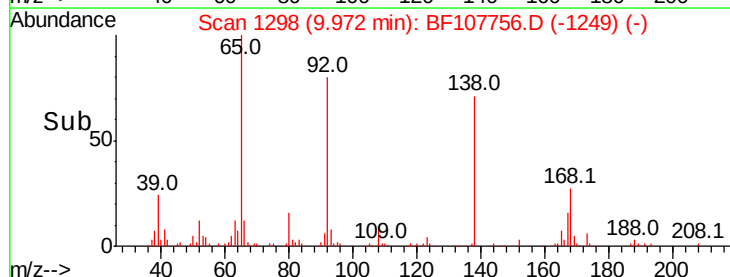
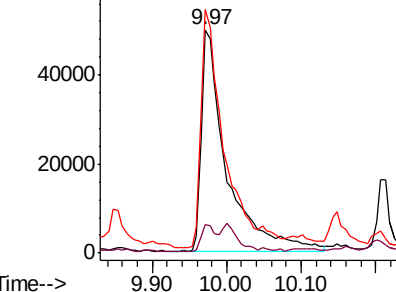
92 109.1 89.4 134.2

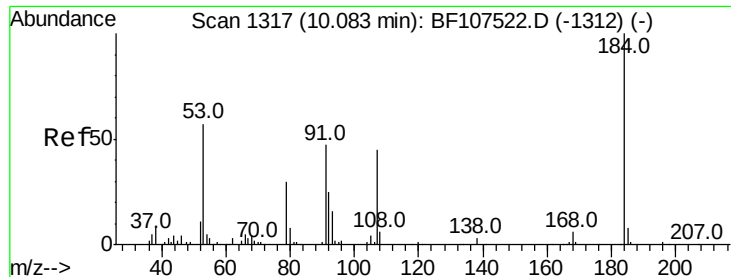


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





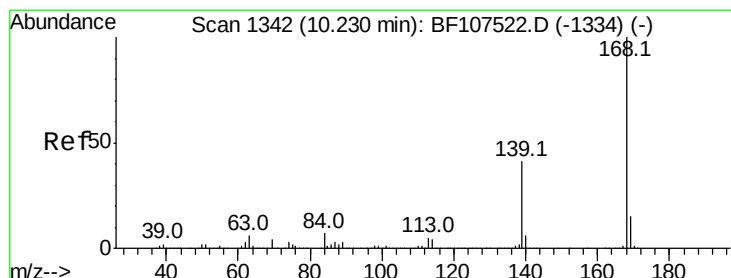
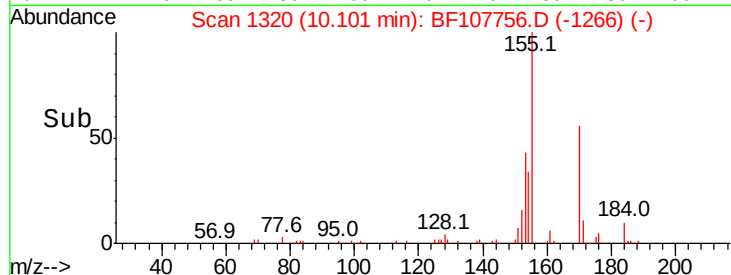
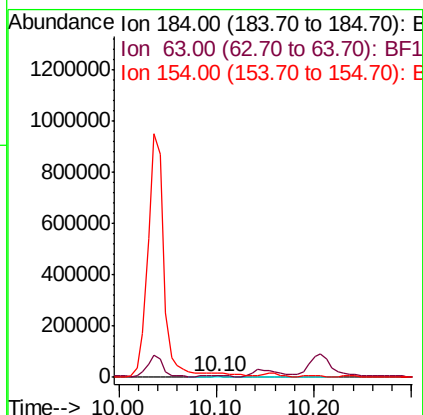
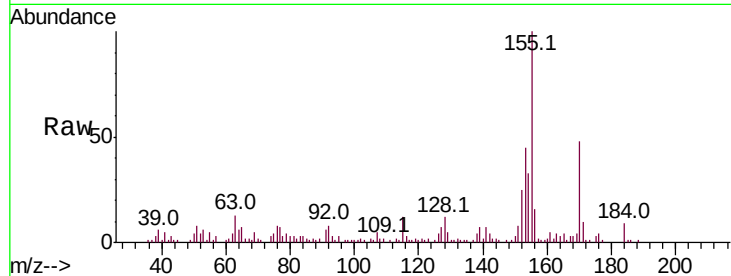
#53
 2,4-Dinitrophenol
 Concen: 19.426 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampled :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	145.0	54.2	81.2#
154	382.6	184.0	276.0#

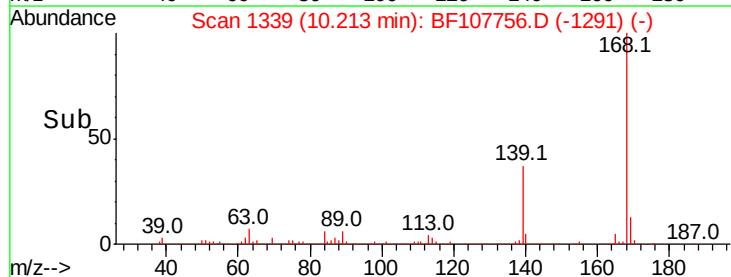
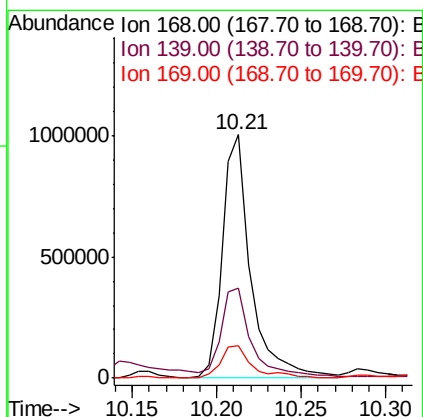
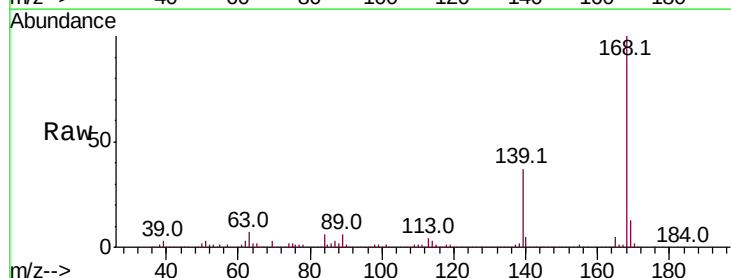
Manual Integrations
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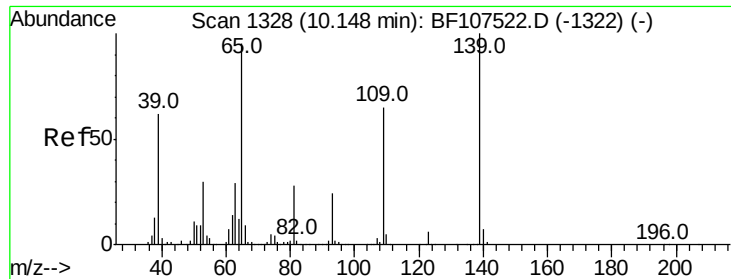
Sohil
 7/30/2018 2:02:58 PM



#54
 Dibenzofuran
 Concen: 48.002 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.3	10.9	16.3





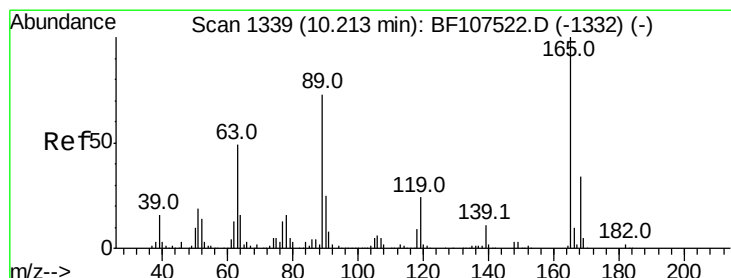
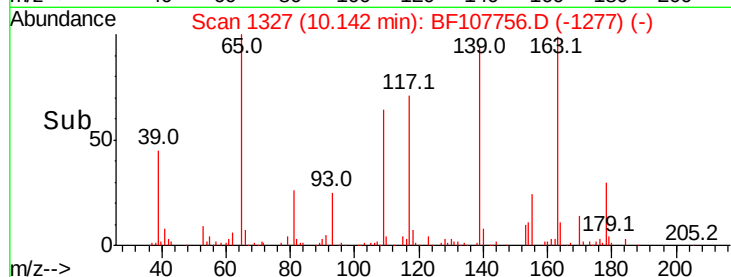
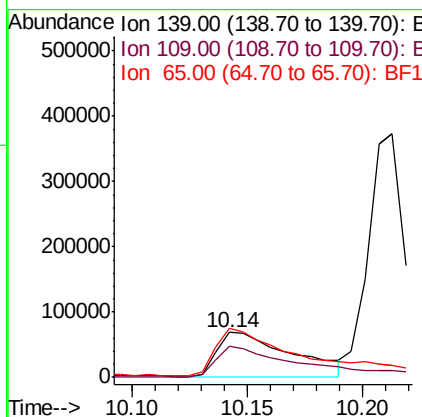
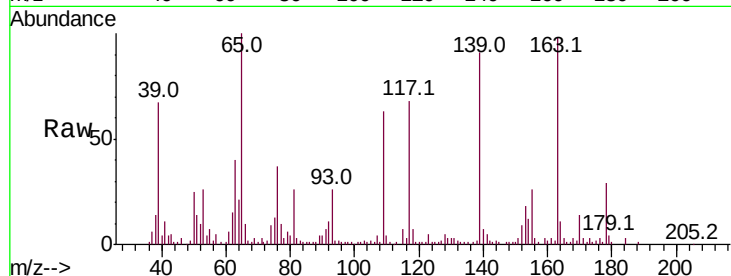
#55
4-Nitrophenol
Concen: 41.712 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.8	48.4	88.4
65	109.6	72.6	112.6

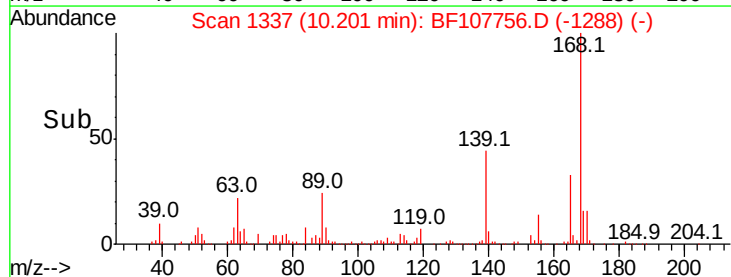
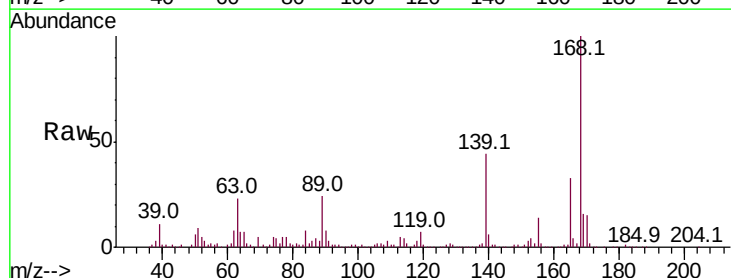
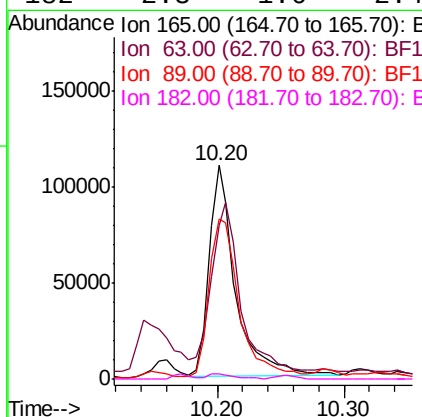
Manual Integrations
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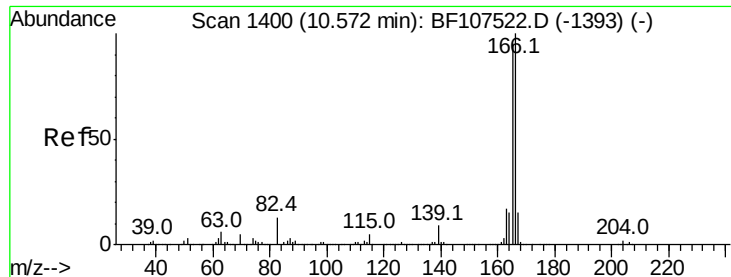
Sohil
7/30/2018 2:02:58 PM



#56
2,4-Dinitrotoluene
Concen: 33.379 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.2	36.4	54.6#
89	74.8	57.8	86.6
182	2.3	1.6	2.4





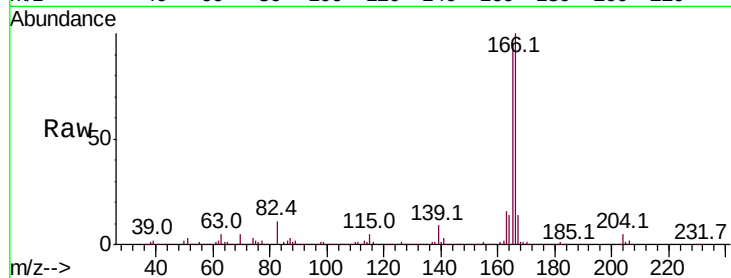
#57
 Fluorene
 Concen: 77.697 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampled :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.6	79.8	119.8
167	14.5	10.6	16.0

Manual Integrations
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 7/30/2018 2:02:58 PM

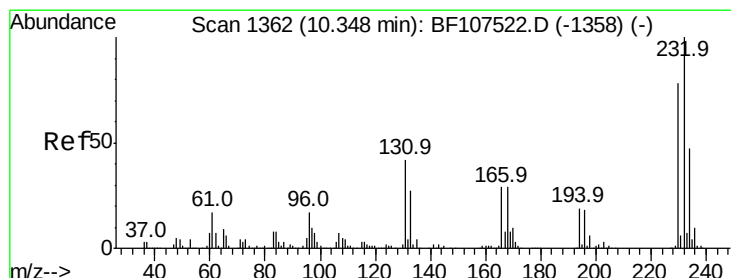
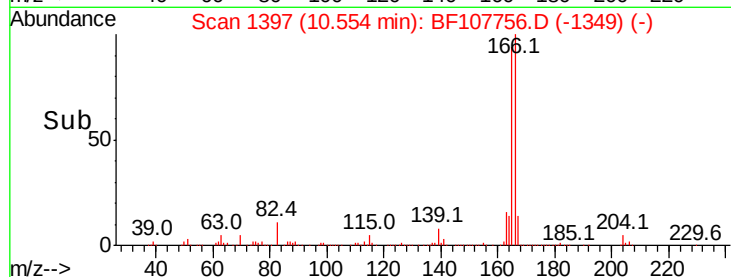
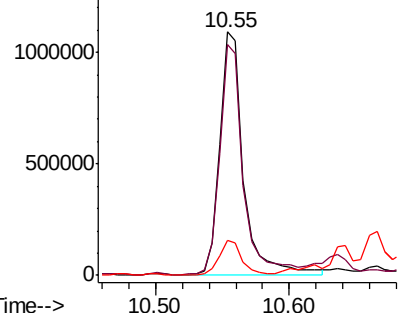


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.017 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.4	43.8	65.8#
130	2.7	2.1	3.1
166	25.8	27.8	41.6#

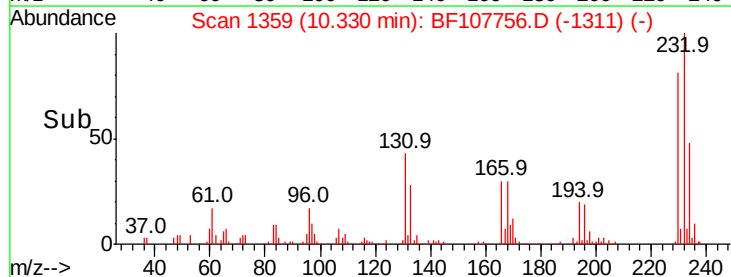
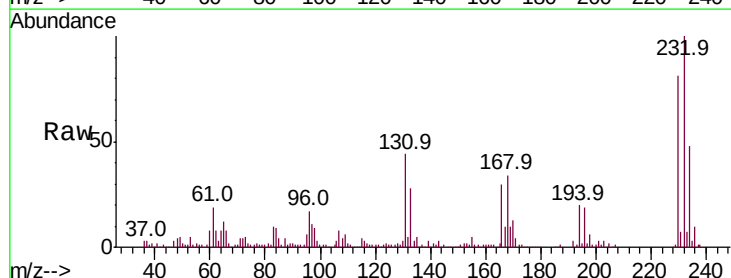
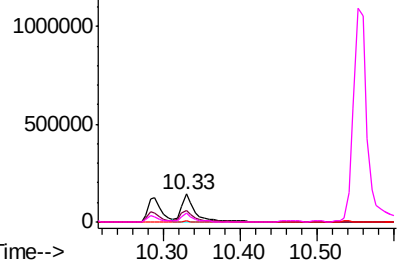
Abundance

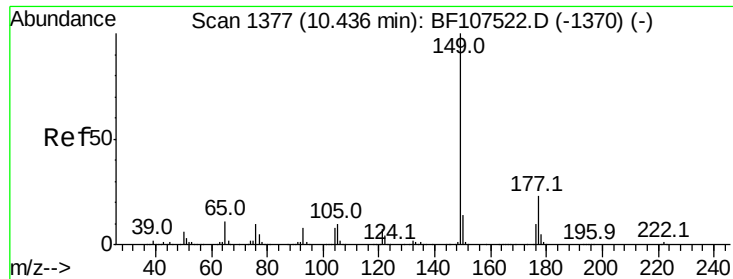
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





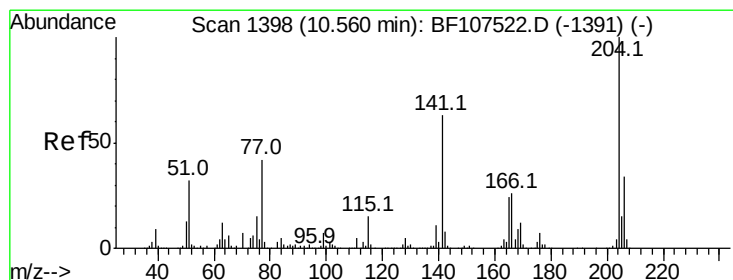
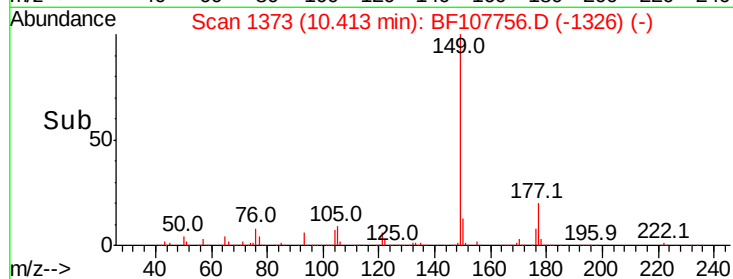
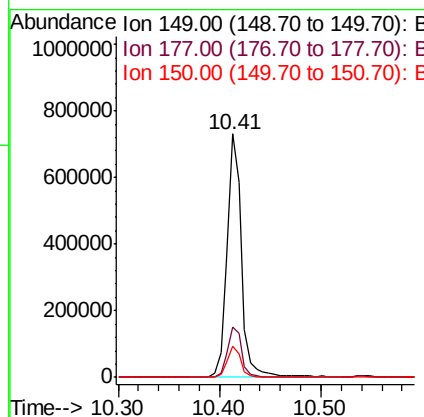
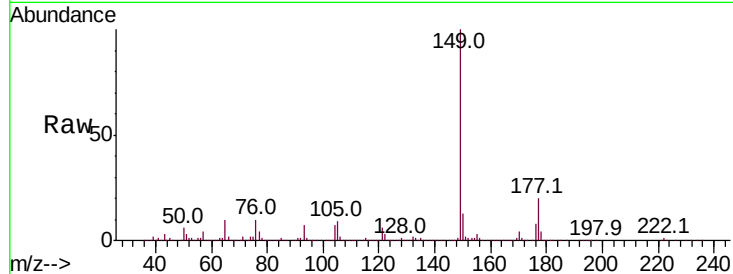
#59
Diethylphthalate
Concen: 34.474 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion:	149	Resp:	717733
Ion Ratio	Lower	Upper	
149	100		
177	20.4	16.1	24.1
150	12.8	10.1	15.1

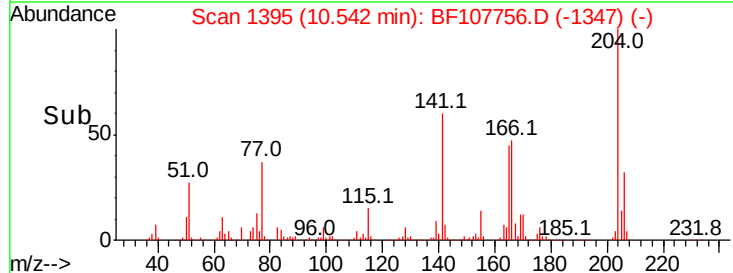
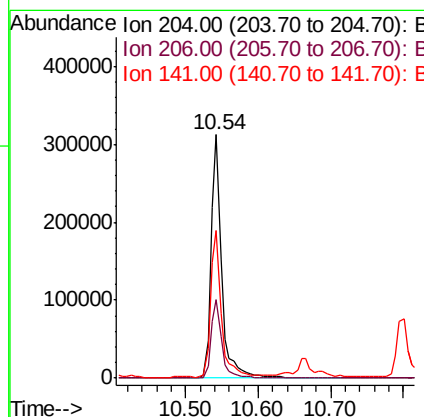
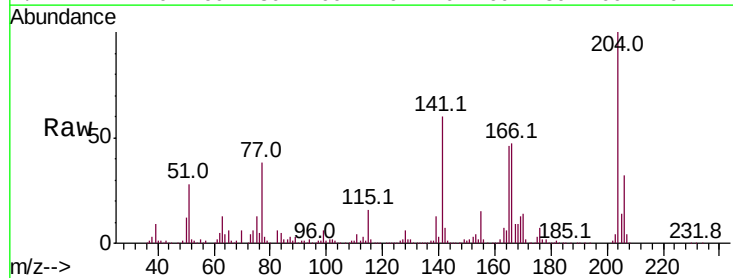
Manual Integrations
APPROVED

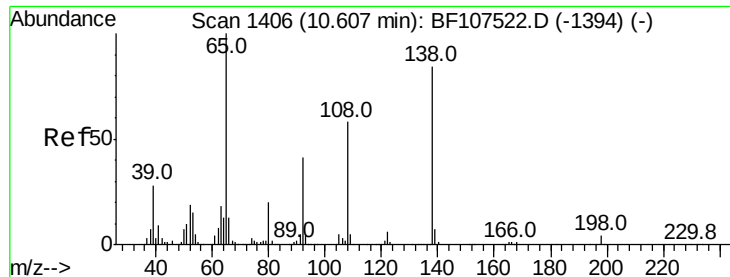
Sohil
7/30/2018 2:02:58 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.312 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion:	204	Resp:	318035
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.5	39.7
141	60.5	54.6	81.8





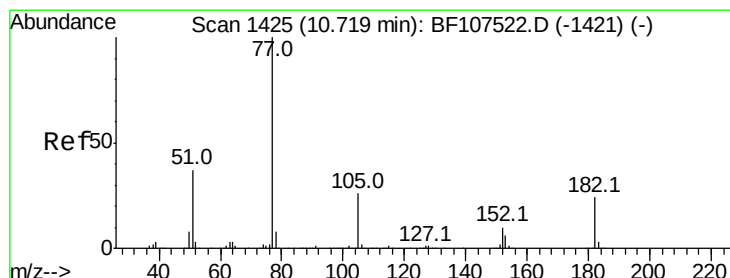
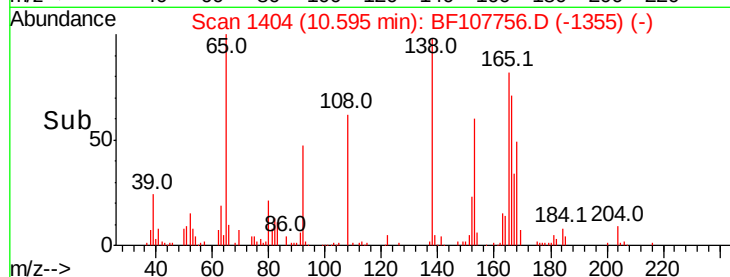
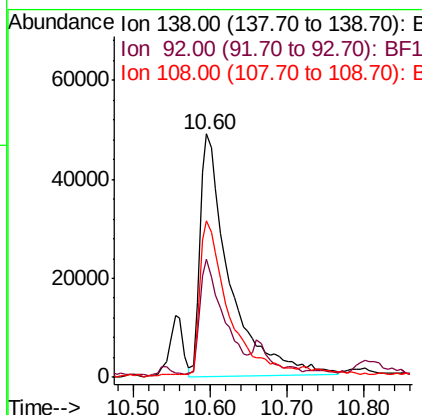
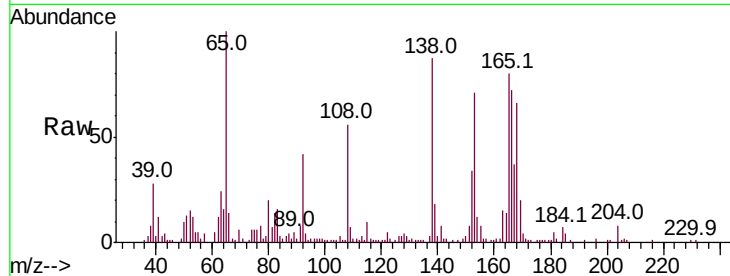
#61
4-Nitroaniline
Concen: 32.224 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	30.2	70.2
108	64.5	52.5	92.5

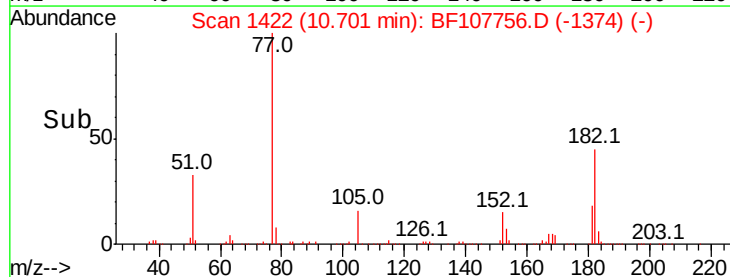
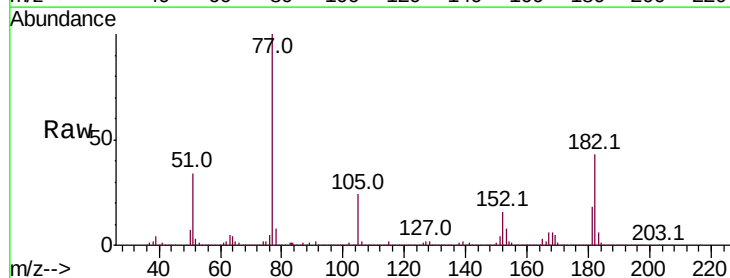
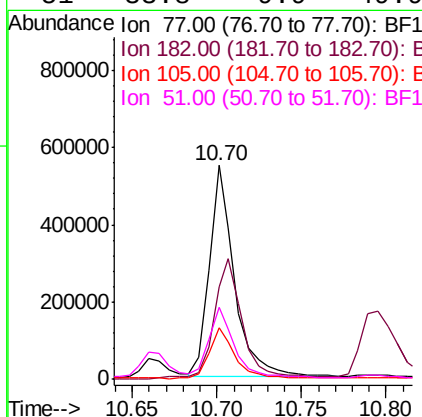
Manual Integrations
APPROVED

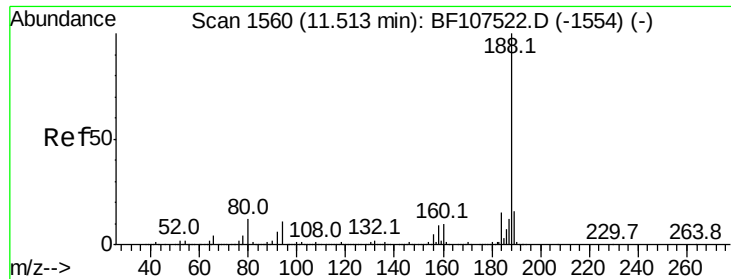
Sohil
7/30/2018 2:02:58 PM



#62
Azobenzene
Concen: 29.303 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	43.2	1.7	41.7#
105	24.2	3.0	43.0
51	33.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

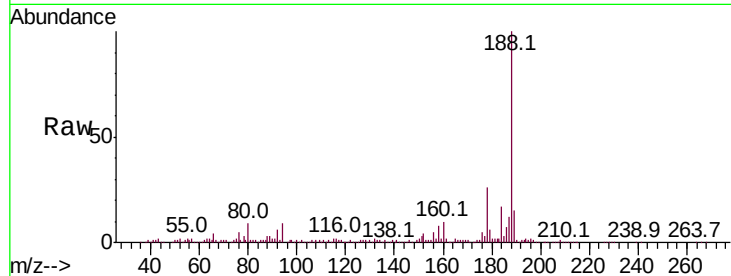
ClientSampleId :

SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	395871		
94	9.0	8.5	12.7	
80	9.2	9.2	13.8#	

Manual Integrations
APPROVED

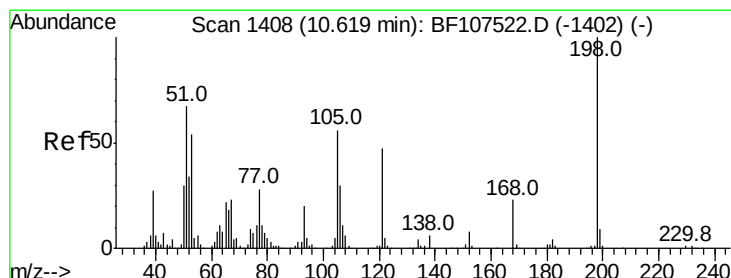
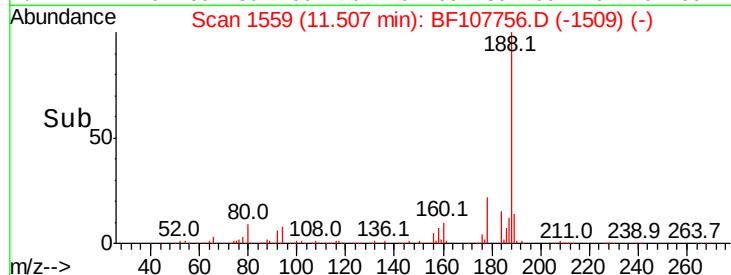
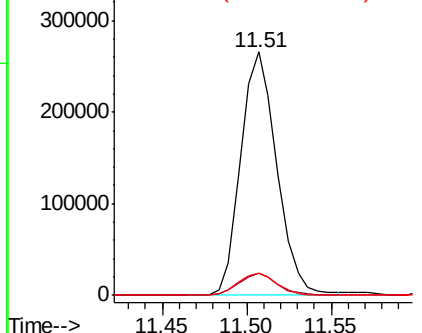
Sohil
7/30/2018 2:02:58 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 19.779 ng

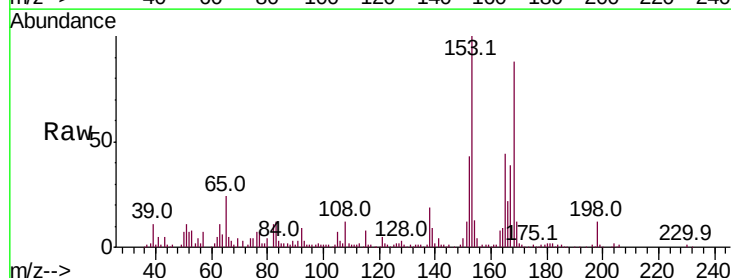
RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

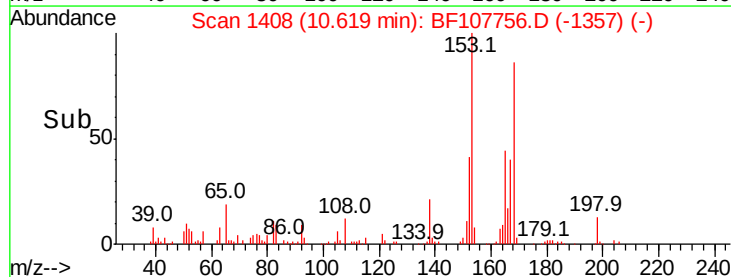
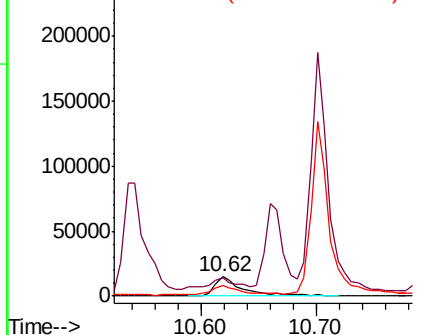
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	25893		
51	91.9	37.7	77.7#	
105	53.1	36.3	76.3	

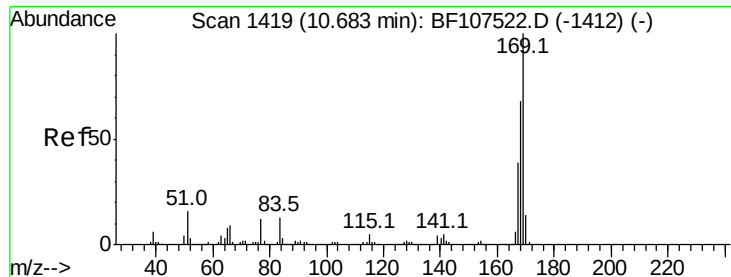


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





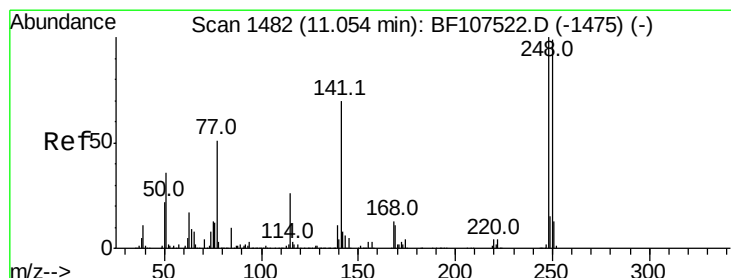
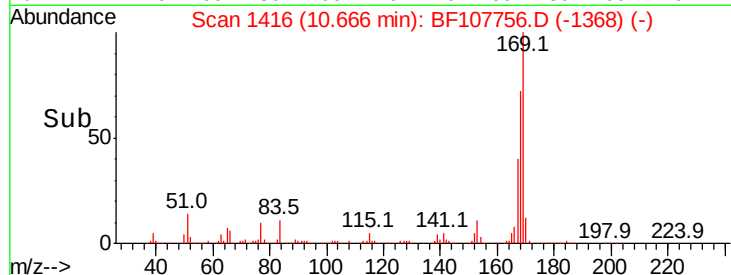
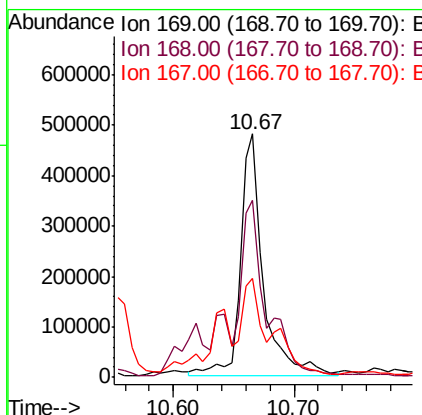
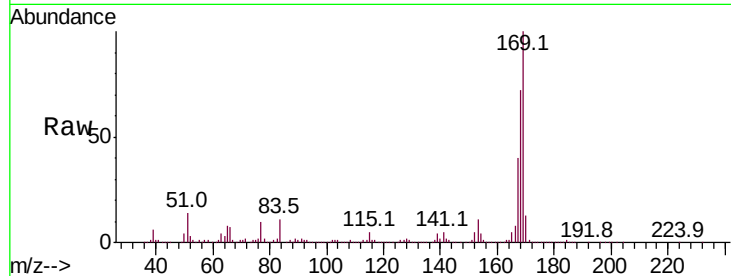
#65
n-Nitrosodiphenylamine
Concen: 47.391 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	72.5	54.4	81.6
167	40.4	29.8	44.6

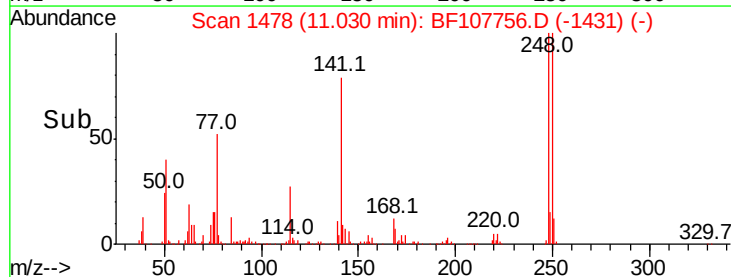
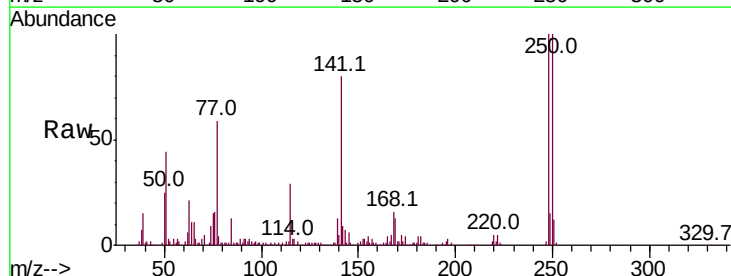
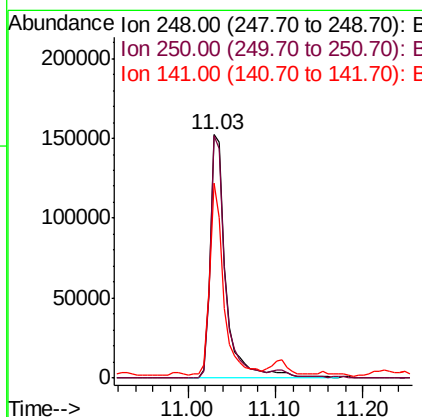
Manual Integrations
APPROVED

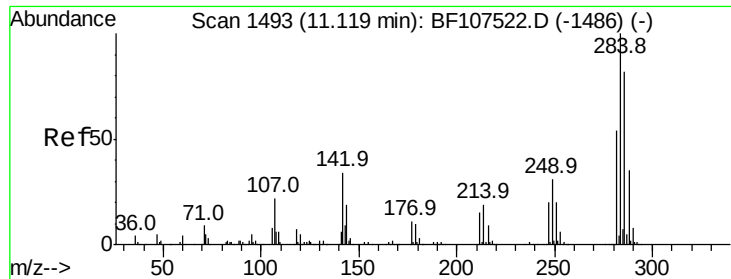
Sohil
7/30/2018 2:02:58 PM



#66
4-Bromophenyl-phenylether
Concen: 41.146 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.9	115.3
141	80.0	74.4	111.6





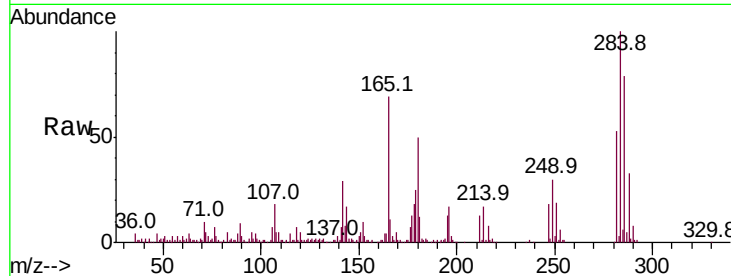
#67
Hexachlorobenzene
Concen: 36.209 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.1	34.6	52.0	
249	29.7	24.8	37.2	

Manual Integrations
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Sohil
7/30/2018 2:02:58 PM

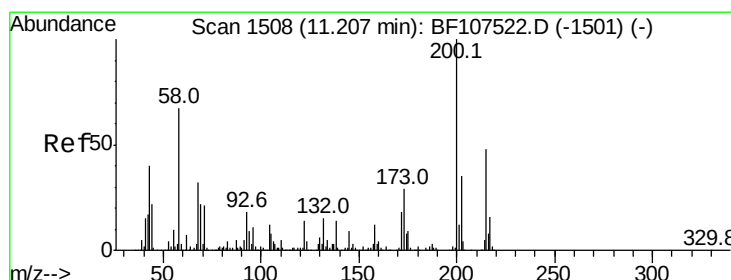
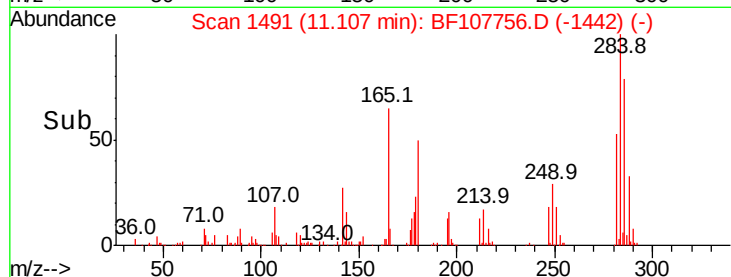
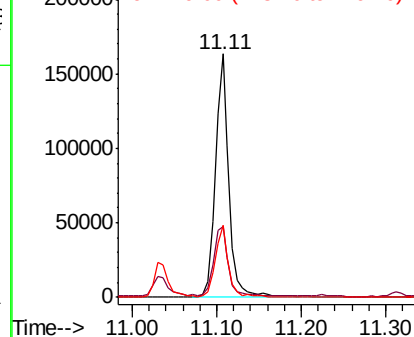


Abundance

Ion 283.80 (283.50 to 284.50): E

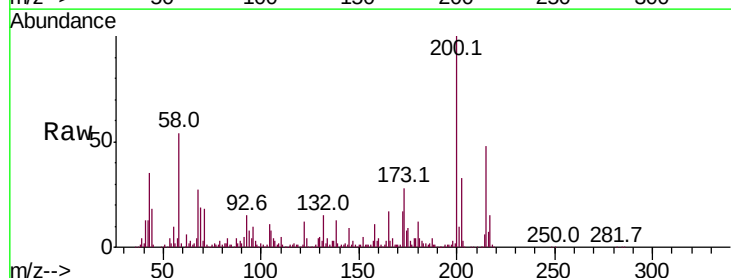
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 38.598 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.4	8.6	48.6	
215	47.5	25.1	65.1	

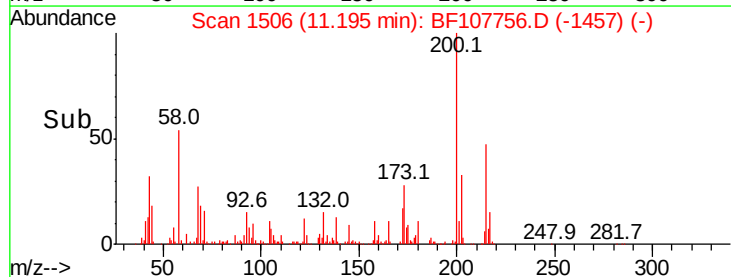
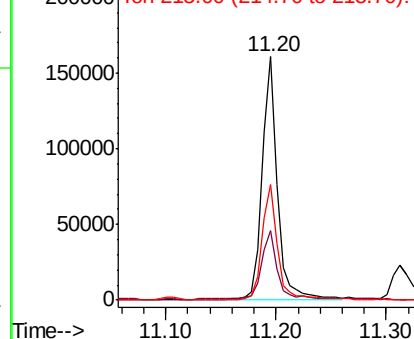


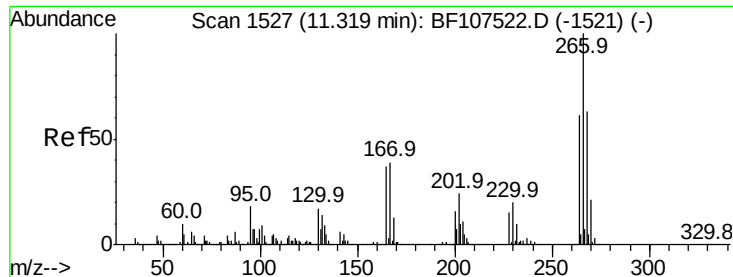
Abundance

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





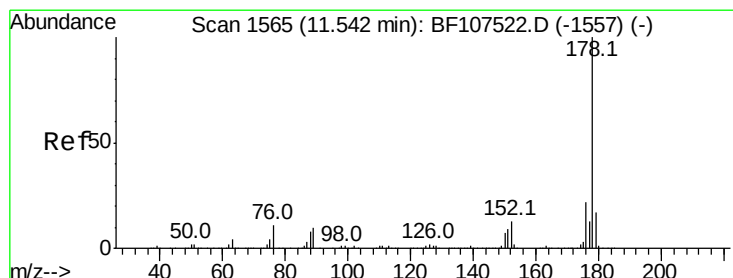
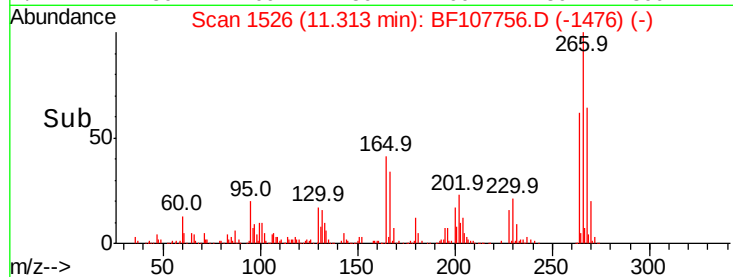
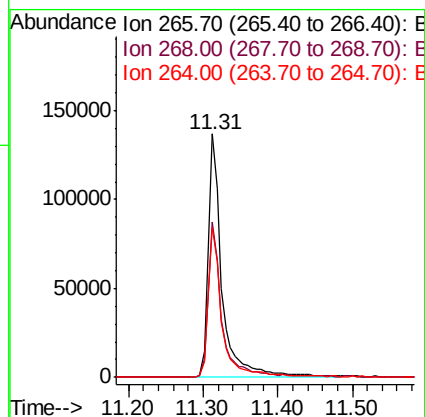
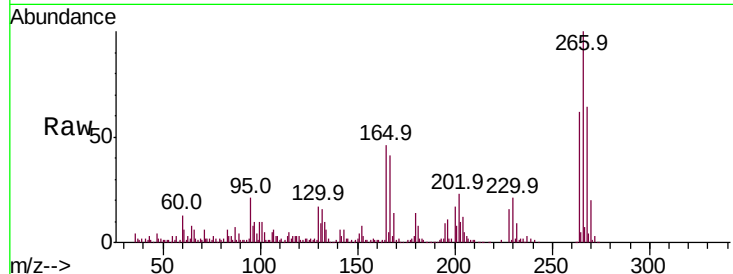
#69
 Pentachlorophenol
 Concen: 55.797 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	178702		
268	63.8	51.1	76.7	
264	61.8	49.5	74.3	

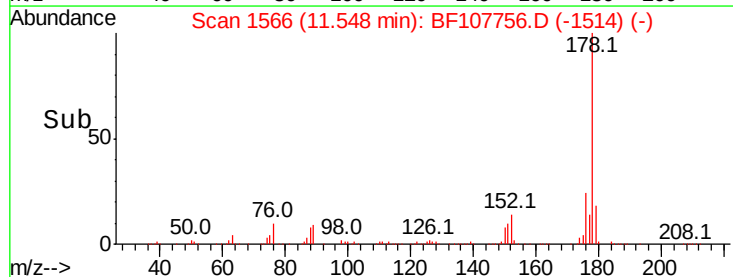
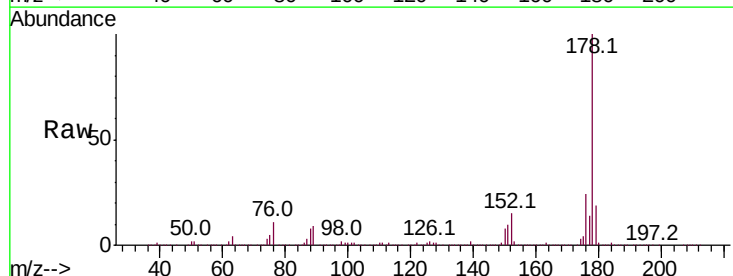
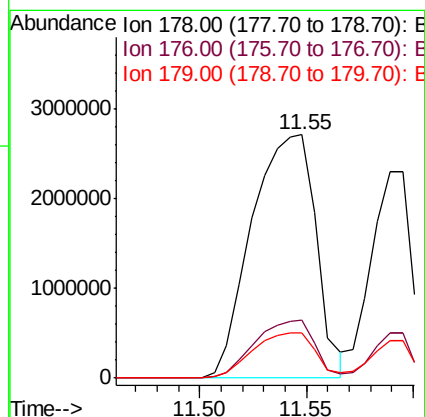
Manual Integrations
 APPROVED

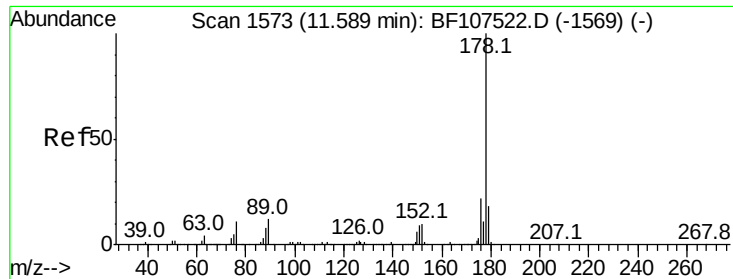
Sohil
 7/30/2018 2:02:58 PM



#70
 Phenanthrene
 Concen: 293.885 ng m
 RT: 11.55 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	5669312		
176	24.0	15.8	23.8#	
179	18.7	13.0	19.6	





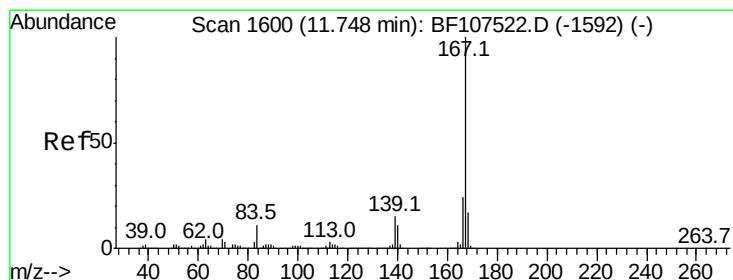
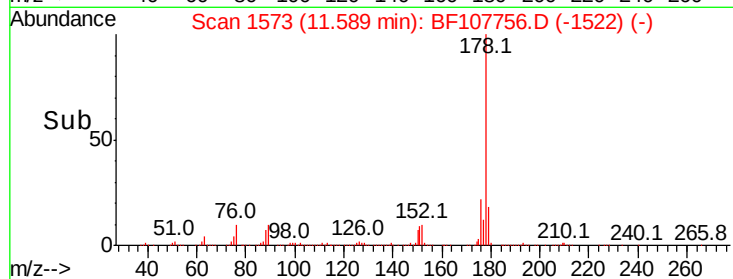
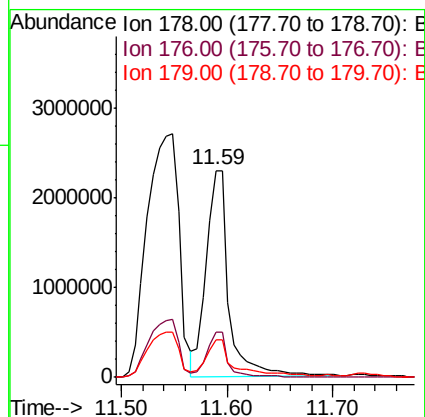
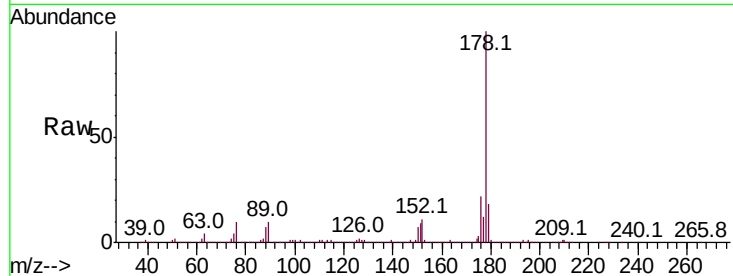
#71
 Anthracene
 Concen: 175.142 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.4	23.2
179	17.9	12.6	19.0

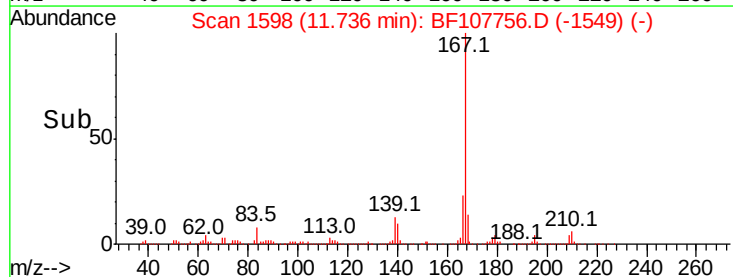
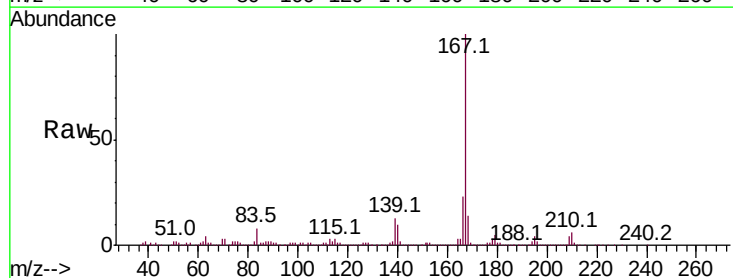
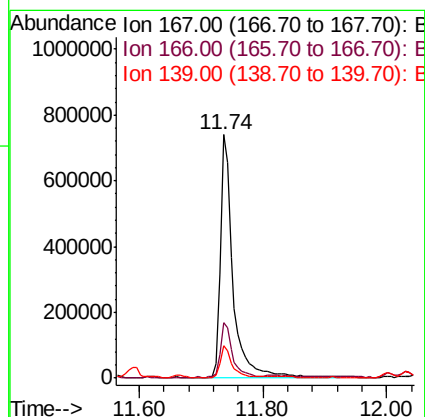
Manual Integrations
 APPROVED

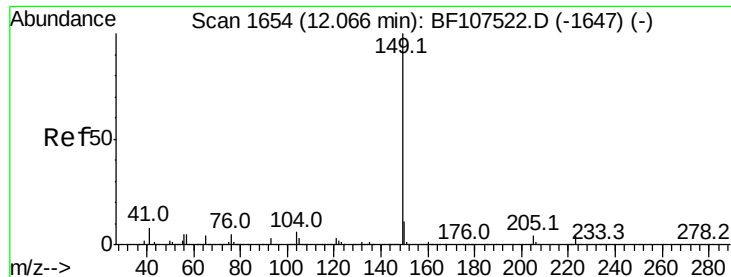
Sohil
 7/30/2018 2:02:58 PM



#72
 Carbazole
 Concen: 50.395 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.1	10.9	16.3





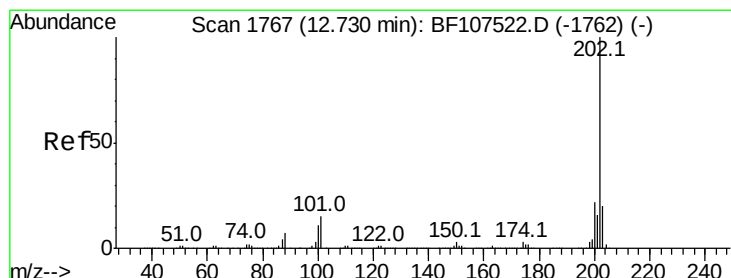
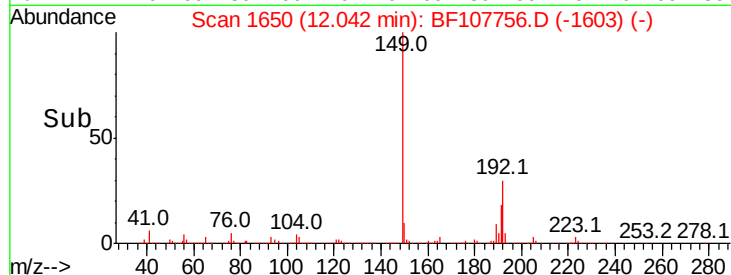
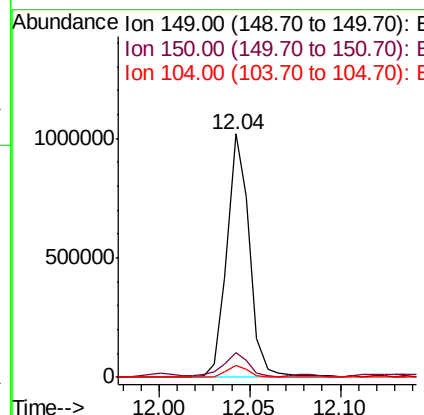
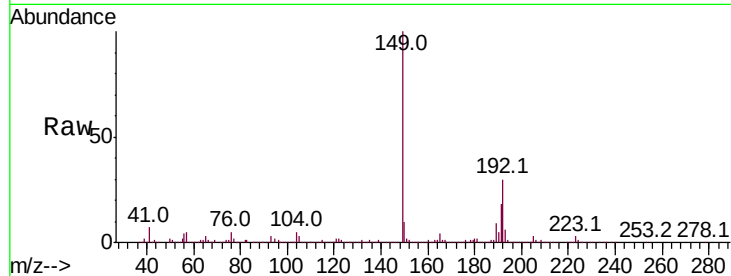
#73
Di-n-butylphthalate
Concen: 41.248 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.1	7.8	11.6	
104	4.7	3.8	5.8	

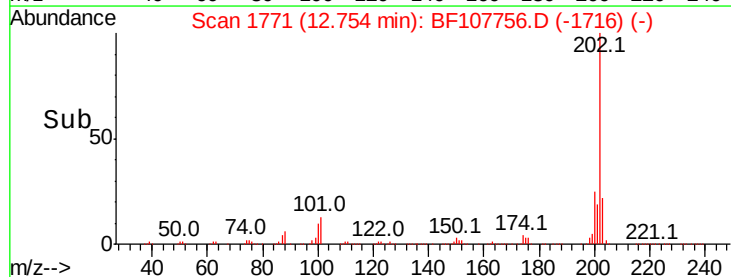
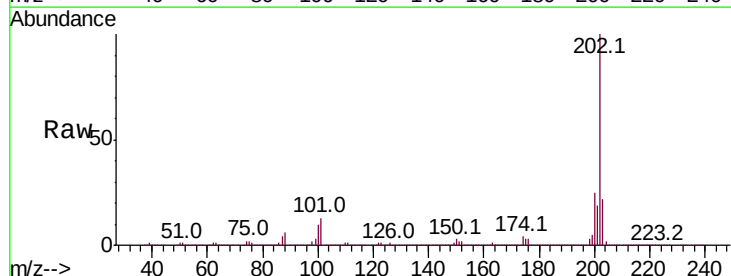
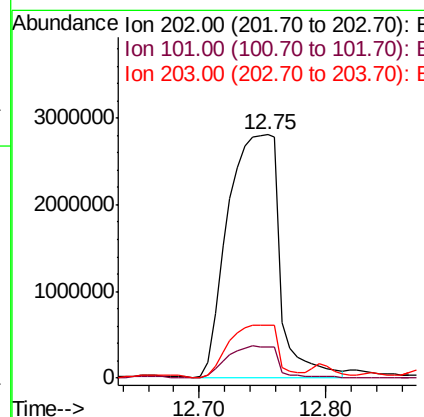
Manual Integrations
APPROVED

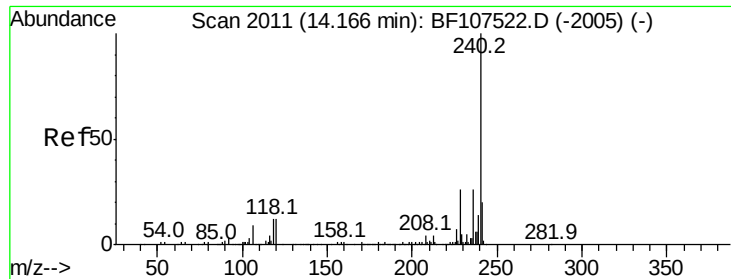
Sohil
7/30/2018 2:02:58 PM



#74
Fluoranthene
Concen: 385.849 ng
RT: 12.75 min Scan# 1771
Delta R.T. 0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.0	0.0	34.1	
203	21.9	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

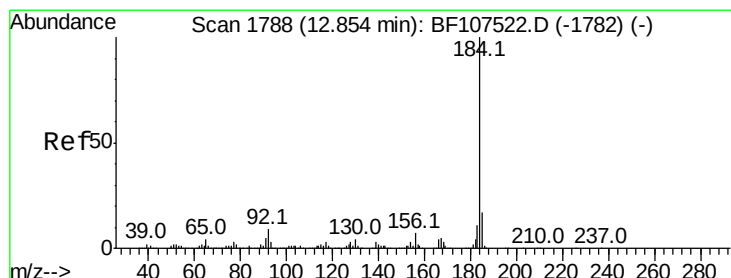
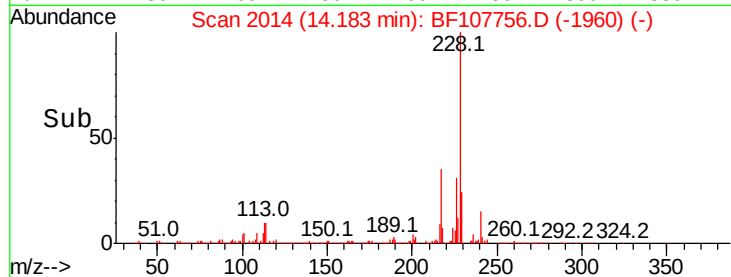
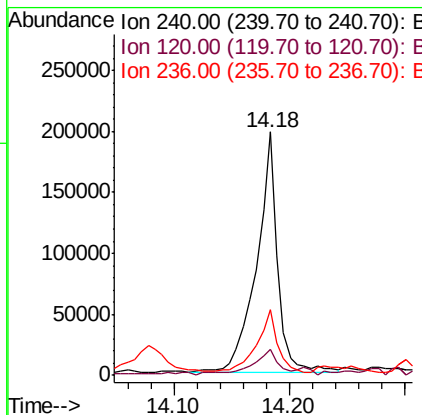
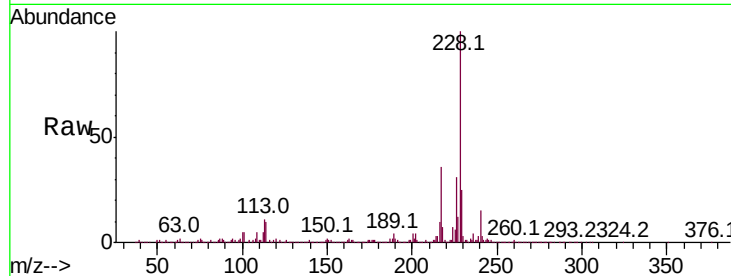
ClientSampled :

SB-1(3-5)MS

Tot Ion:	240	Resp:	249444
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	27.0	20.7	31.1

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#76

Benzidine

Concen: 48.654 ng

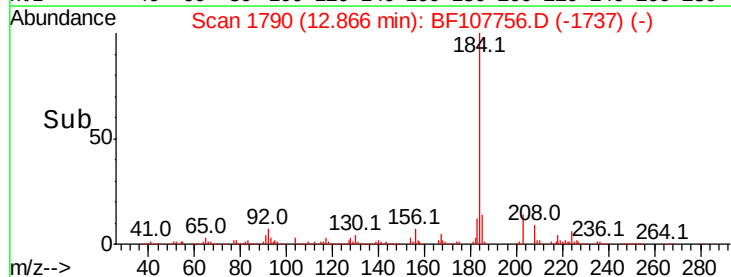
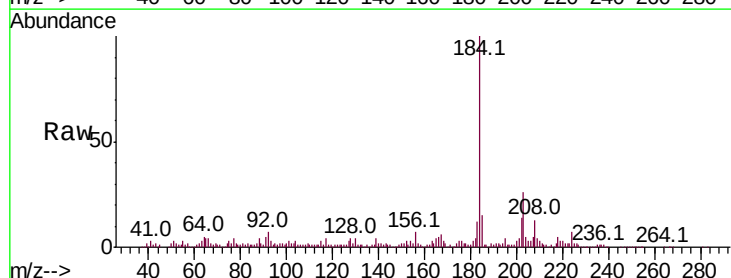
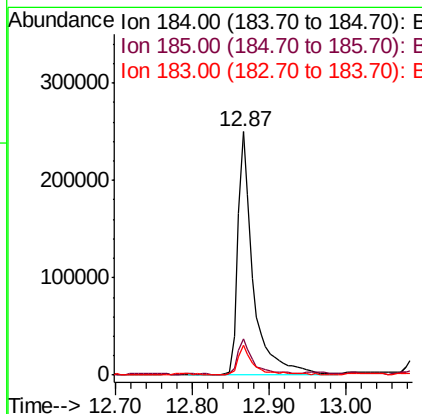
RT: 12.87 min Scan# 1790

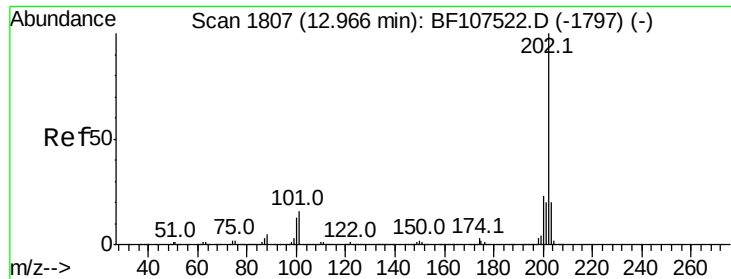
Delta R.T. 0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Tgt Ion:	184	Resp:	349507
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.2	9.3	13.9





#77

Pvrene

Concen: 420.791 ng

RT: 12.98 min Scan# 1810

Delta R.T. 0.02 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

ClientSampled :

SB-1(3-5)MS

Tot Ion:202 Resp: 7179640

Ion Ratio Lower Upper

202 100

200 25.1 17.4 26.2

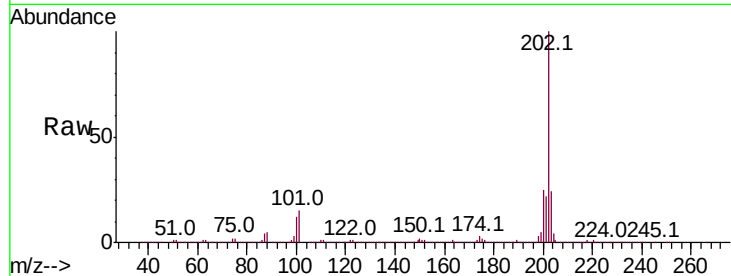
203 24.2 14.3 21.5#

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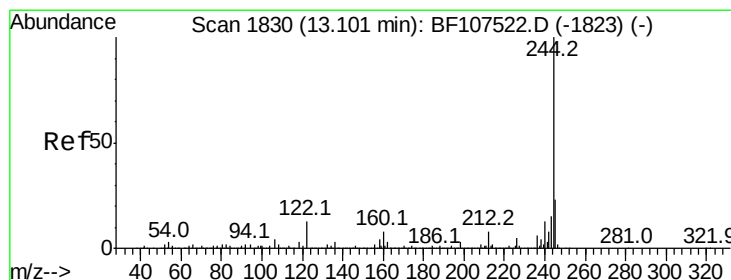
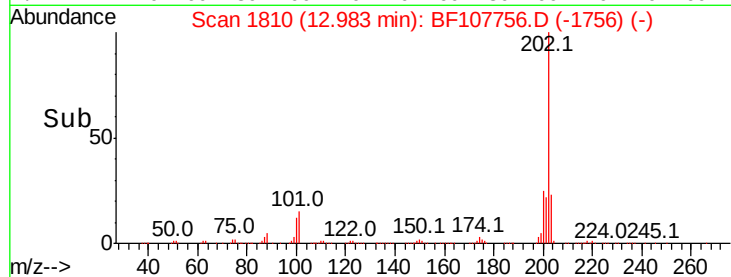
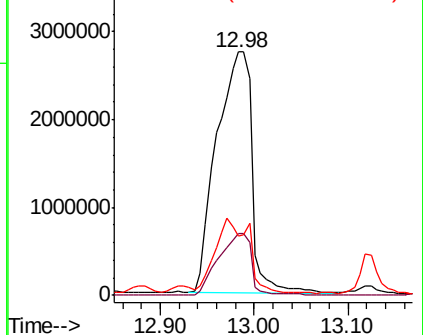
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 120.868 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

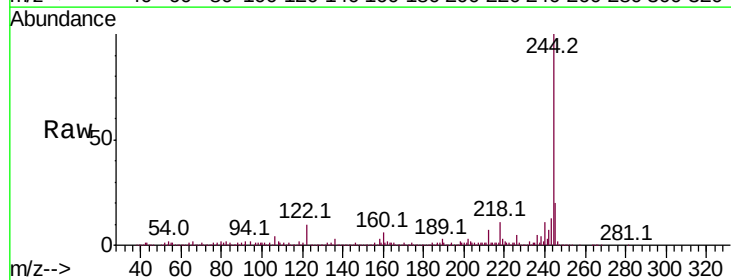
Tgt Ion:244 Resp: 1177688

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

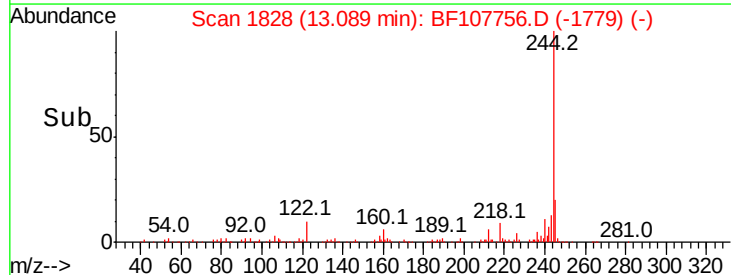
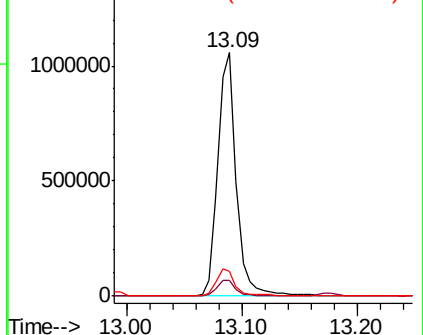
122 10.0 11.0 16.4#

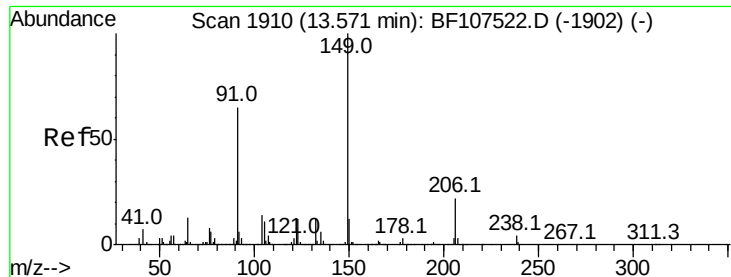


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





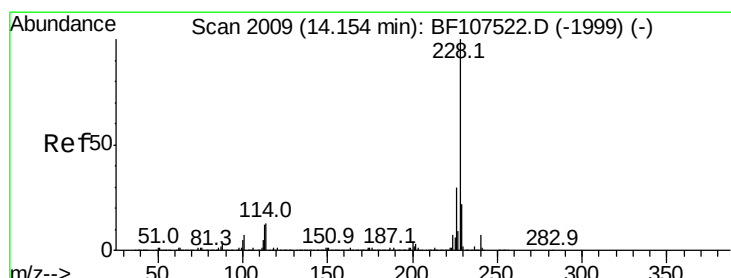
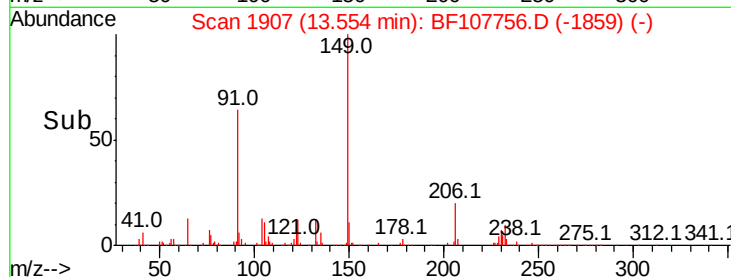
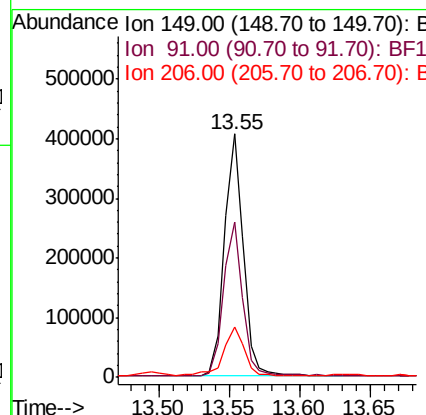
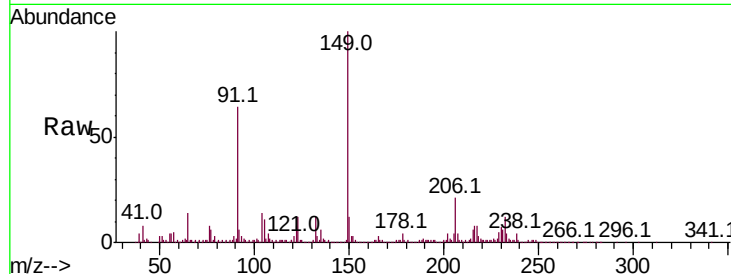
#79
Butylbenzylphthalate
Concen: 51.539 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.9	56.8	85.2
206	20.9	14.1	21.1

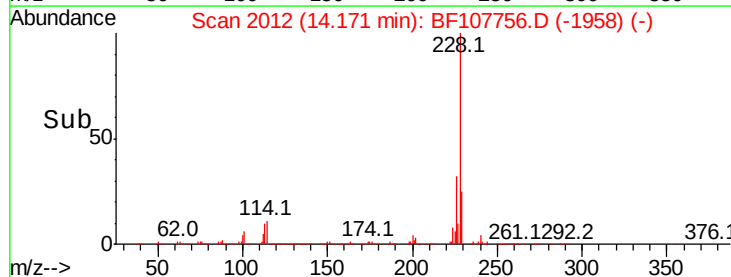
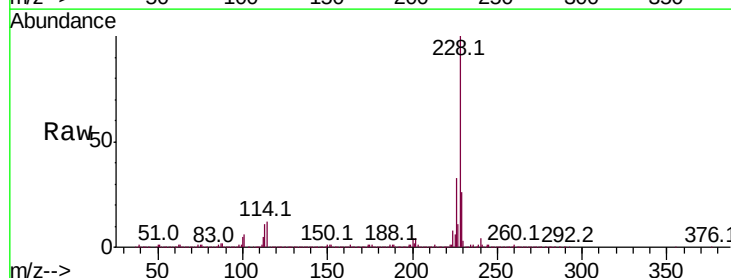
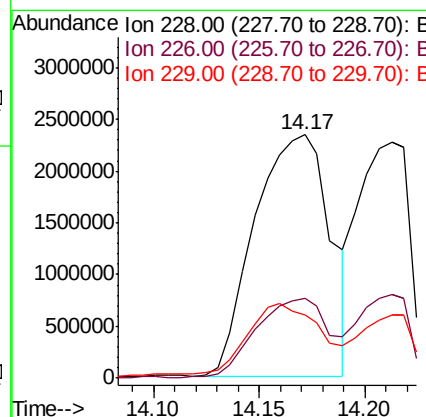
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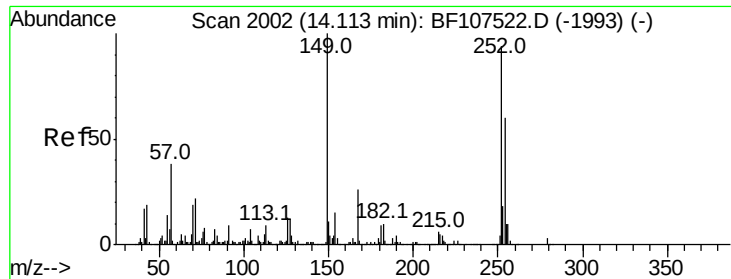
Sohil
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#80
Benzo(a)anthracene
Concen: 395.194 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	26.0	15.8	23.6





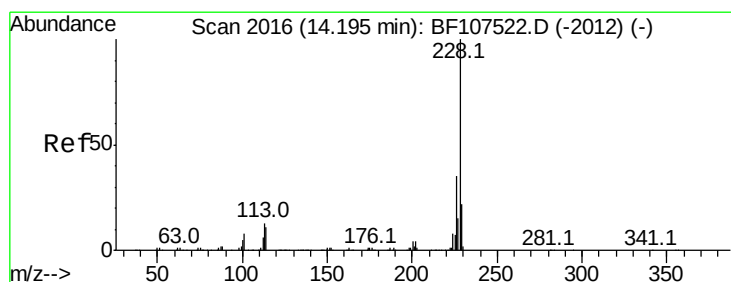
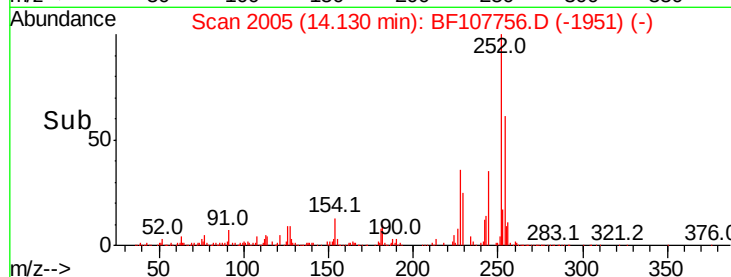
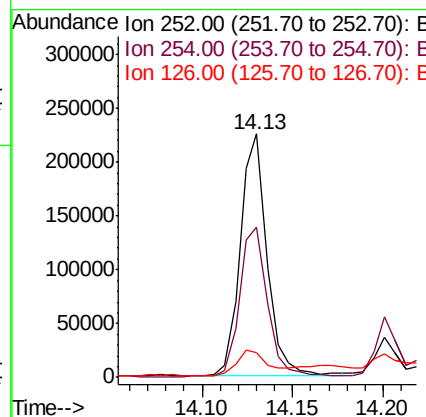
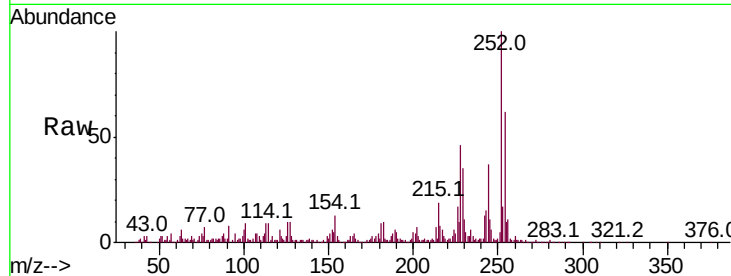
#81
 3,3'-Dichlorobenzidine
 Concen: 57.469 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. 0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.9	50.4	75.6
126	10.4	11.3	16.9#

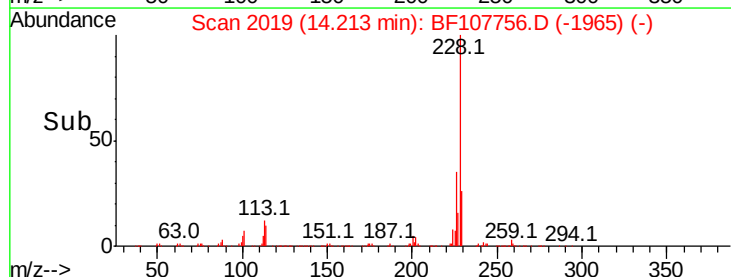
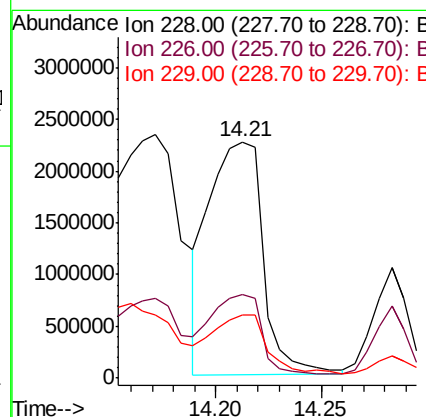
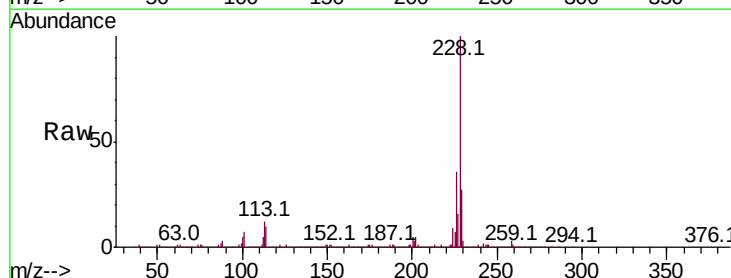
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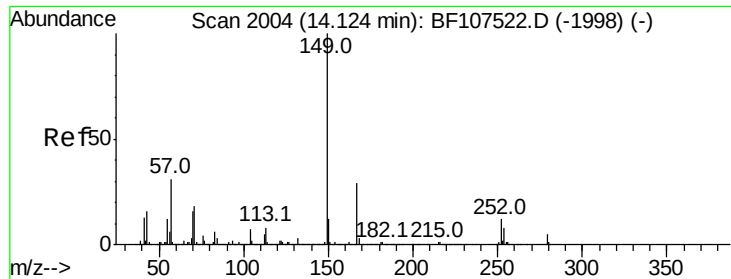
Sohil
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#82
 Chrysene
 Concen: 283.764 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. 0.02 min
 Lab File: BF107756.D
 Acq: 27 Jul 2018 19:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.6	25.0	37.6
229	26.9	16.2	24.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.121 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

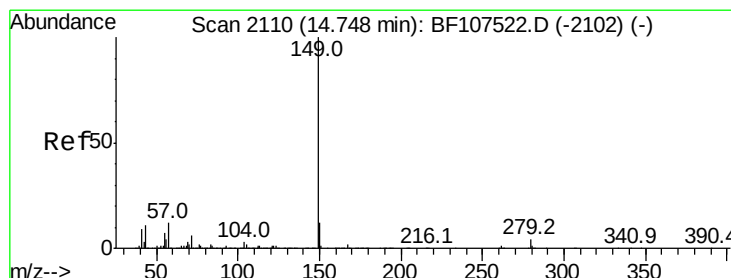
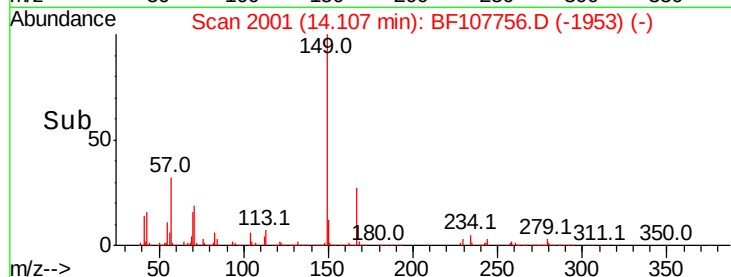
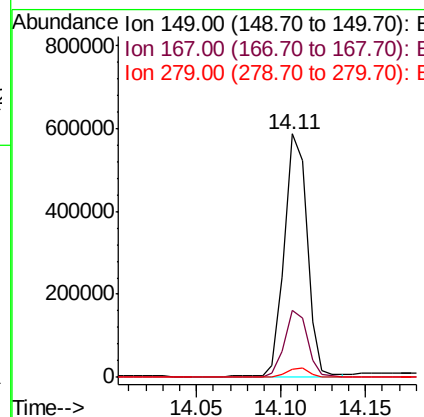
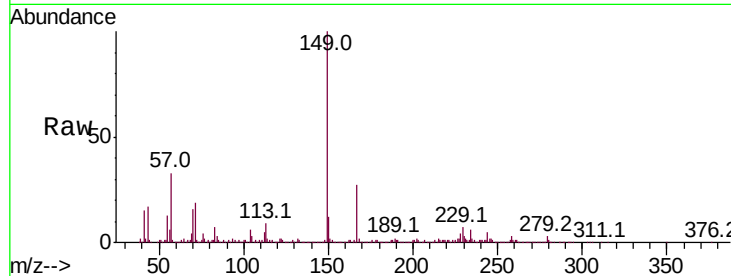
ClientSampleId :

SB-1(3-5)MS

Tot Ion:	149	Resp:	539630
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	3.3	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 57.284 ng

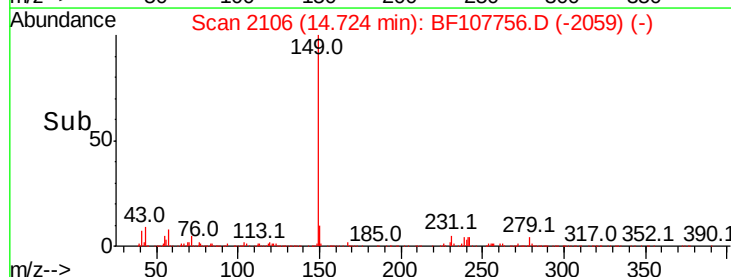
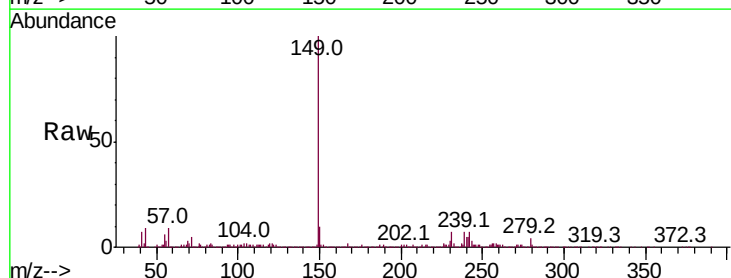
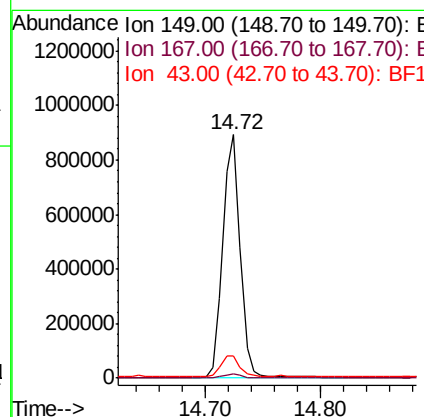
RT: 14.72 min Scan# 2106

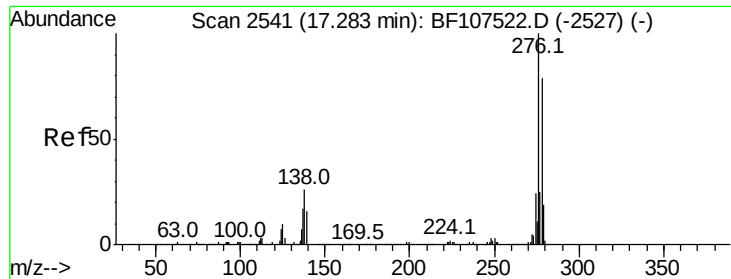
Delta R.T. -0.02 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Tgt Ion:	149	Resp:	921879
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.2	1.8#
43	9.1	8.4	12.6





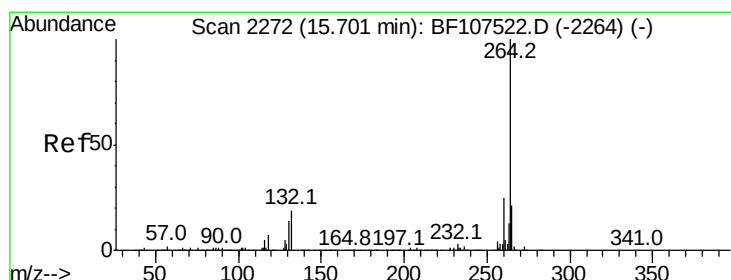
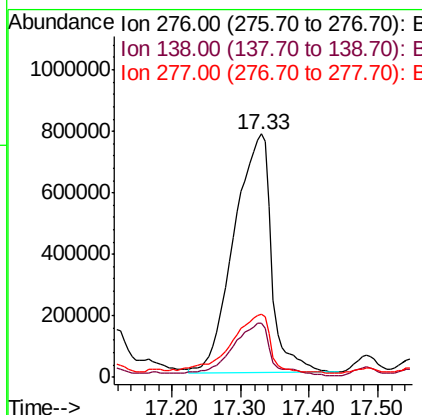
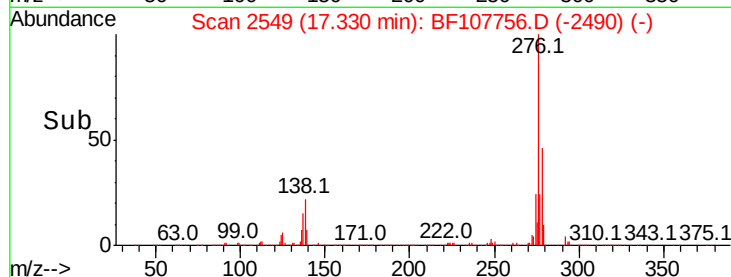
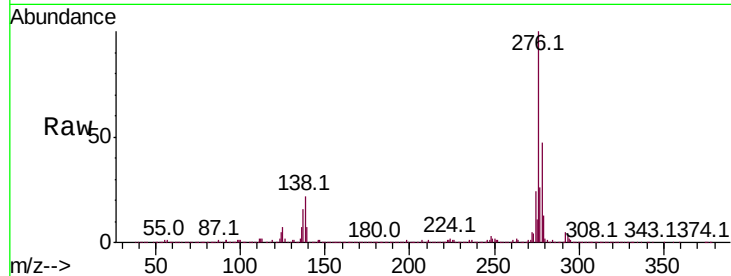
#85
Indeno(1,2,3-cd)pyrene
Concen: 249.111 ng
RT: 17.33 min Scan# 2549
Delta R.T. 0.05 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampleId :
SB-1(3-5)MS

Tot Ion:276 Resp: 2964663
Ion Ratio Lower Upper
276 100
138 22.5 25.0 37.6#
277 25.7 20.1 30.1

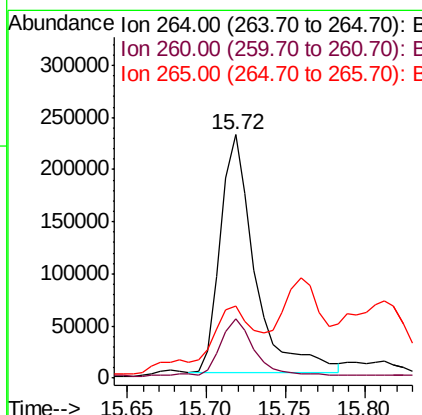
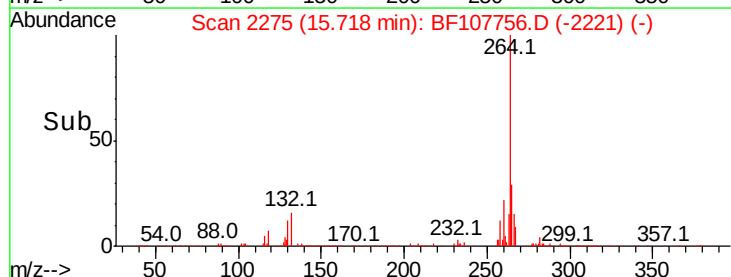
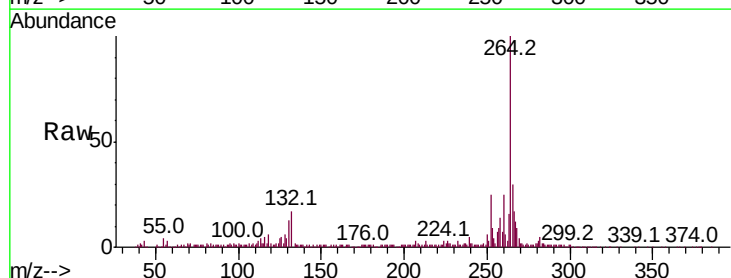
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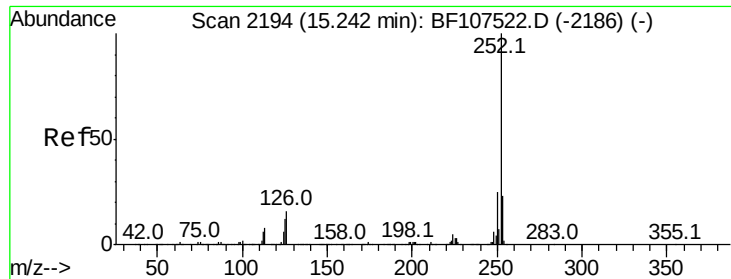
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion:264 Resp: 347117
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 29.8 17.5 26.3#





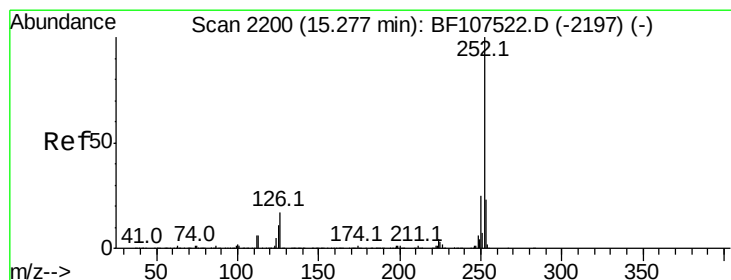
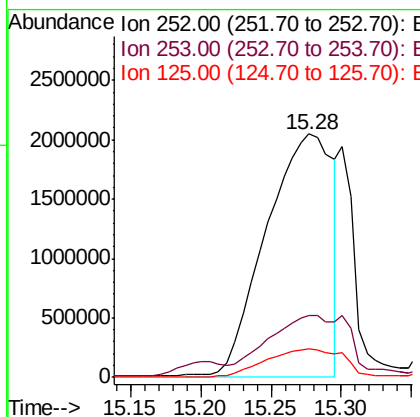
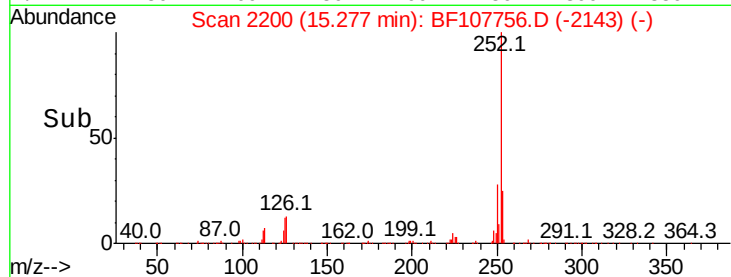
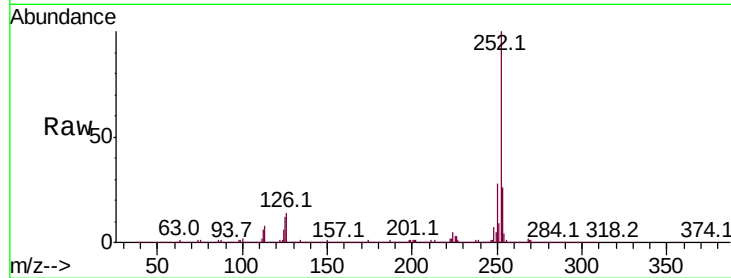
#87
Benzo(b)fluoranthene
Concen: 354.130 ng m
RT: 15.28 min Scan# 2200
Delta R.T. 0.04 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Instrument :
BNA_F
ClientSampled :
SB-1(3-5)MS

Tot Ion:252 Resp: 6727527
Ion Ratio Lower Upper
252 100
253 25.6 17.0 25.6#
125 11.8 9.0 13.6

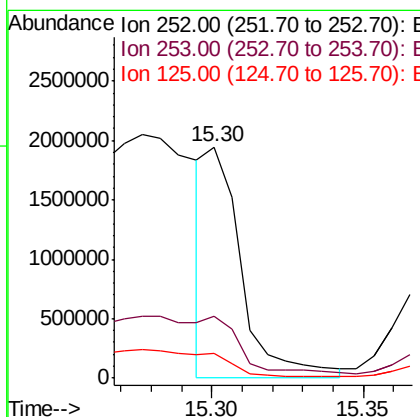
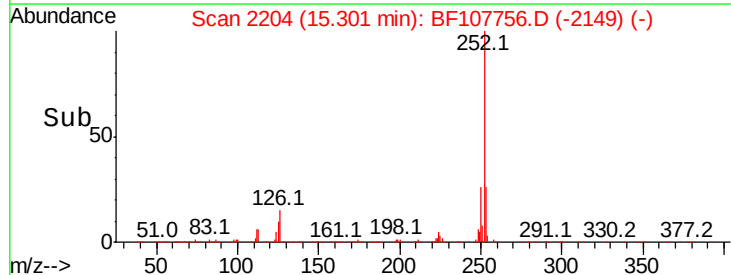
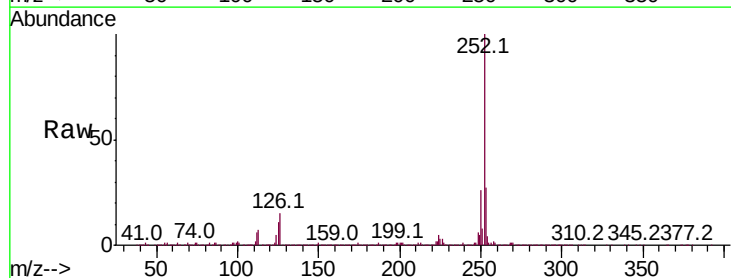
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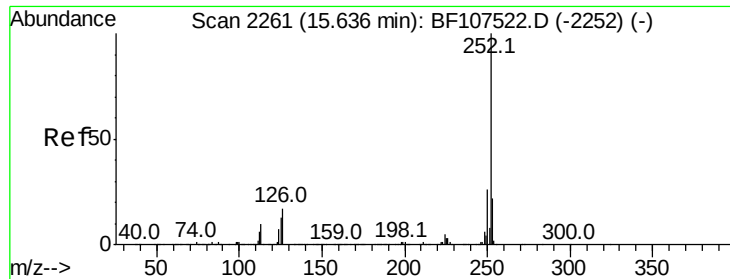
Sohil
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#88
Benzo(k)fluoranthene
Concen: 85.262 ng m
RT: 15.30 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF107756.D
Acq: 27 Jul 2018 19:55

Tgt Ion:252 Resp: 1586904
Ion Ratio Lower Upper
252 100
253 26.6 17.9 26.9
125 10.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 267.128 ng

RT: 15.68 min Scan# 2268

Delta R.T. 0.04 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

ClientSampled :

SB-1(3-5)MS

Tot Ion:252 Resp: 4642006

Ion Ratio Lower Upper

252 100

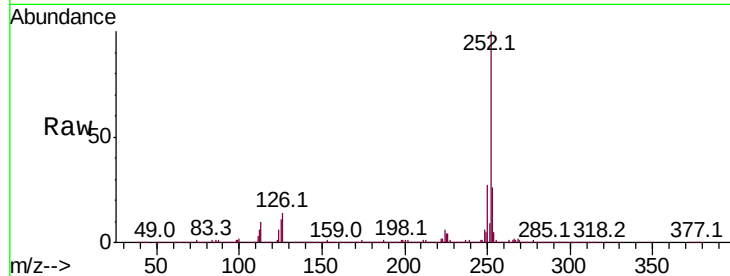
253 25.9 17.1 25.7#

125 11.5 9.8 14.6

Manual Integrations
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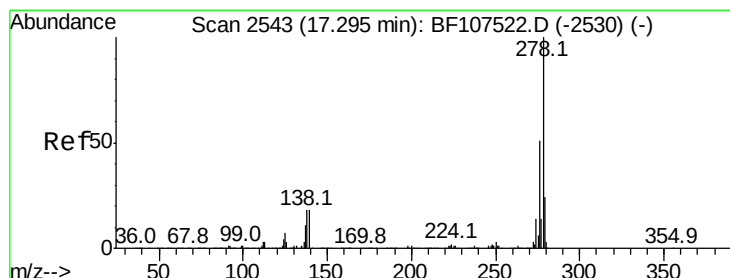
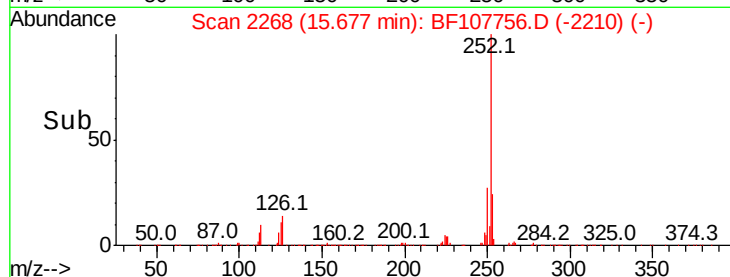
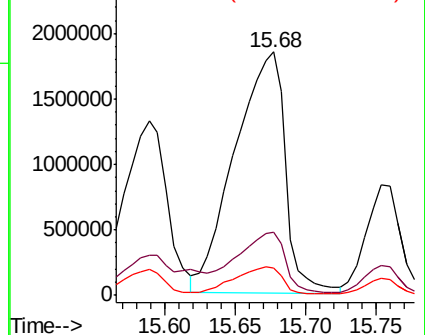
7/30/2018 2:02:58 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 64.384 ng

RT: 17.33 min Scan# 2549

Delta R.T. 0.04 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Tgt Ion:278 Resp: 967151

Ion Ratio Lower Upper

278 100

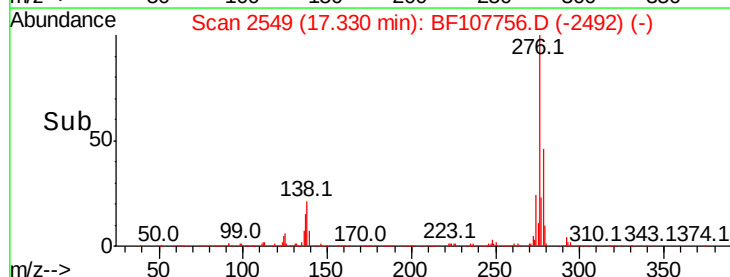
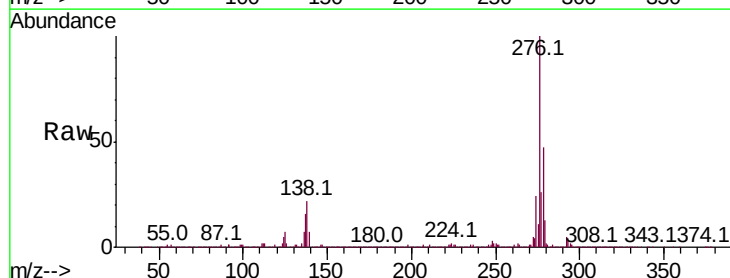
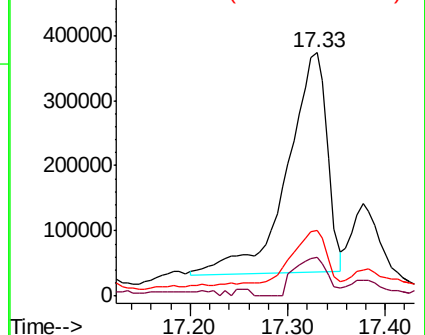
139 15.9 15.9 23.9#

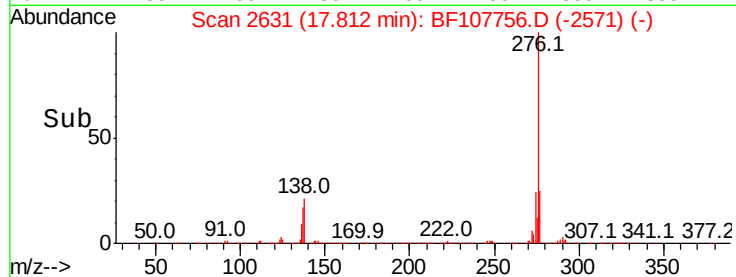
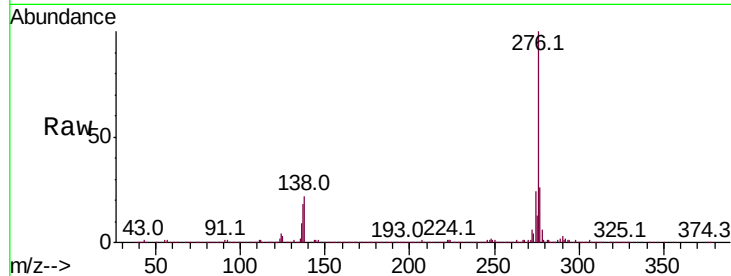
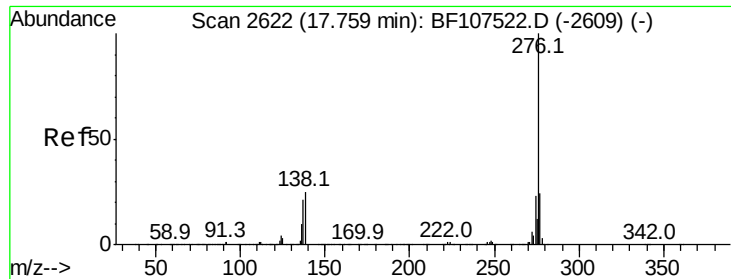
279 26.9 19.0 28.4

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 180.486 ng

RT: 17.81 min Scan# 2631

Delta R.T. 0.05 min

Lab File: BF107756.D

Acq: 27 Jul 2018 19:55

Instrument :

BNA_F

ClientSampleId :

SB-1(3-5)MS

Tot Ion:276 Resp: 2674271

Ion Ratio Lower Upper

276 100

277 26.2 17.9 26.9

138 21.8 21.8 32.8#

Manual Integrations

APPROVED

Sohil

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