

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107757.D
 Acq On : 27 Jul 2018 20:22
 Operator : JU/SJ
 Sample : J4143-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/30/2018 2:03:01 PM

Quant Time: Jul 30 04:15:18 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	6.96	152	163426	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	625395	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	259298	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	430663	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	323707	20.00	ng	0.00
86) Perylene-d12	15.69	264	368124	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	963138	94.75	ng	0.00
7) Phenol-d6	6.60	99	1170470	95.90	ng	-0.01
23) Nitrobenzene-d5	7.53	82	752433	81.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	316841	107.45	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1381378	93.85	ng	-0.02
78) Terphenyl-d14	13.08	244	1157598	91.55	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.85	88	114298	24.159	ng	92
3) Pyridine	3.64	79	272476	21.170	ng	86
4) n-Nitrosodimethylamine	3.61	42	93796	17.279	ng	# 89
6) Aniline	6.64	93	327157	20.783	ng	# 71
8) 2-Chlorophenol	6.75	128	369033	33.888	ng	96
9) Benzaldehyde	6.52	77	193926	23.334	ng	99
10) Phenol	6.62	94	446914	31.136	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	302541	25.423	ng	94
12) 1,3-Dichlorobenzene	6.90	146	388677	31.480	ng	98
13) 1,4-Dichlorobenzene	6.98	146	420754	33.249	ng	99
14) 1,2-Dichlorobenzene	7.13	146	379137	33.385	ng	100
15) Benzyl Alcohol	7.11	79	265733	31.946	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	583627	29.071	ng	79
17) 2-Methylphenol	7.22	107	290744	31.412	ng	# 88
18) Hexachloroethane	7.47	117	133220	30.014	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	245882	31.185	ng	94
20) 3+4-Methylphenols	7.37	107	391673	35.637	ng	# 53
22) Acetophenone	7.37	105	535436	36.455	ng	# 90
24) Nitrobenzene	7.55	77	344752	32.481	ng	96
25) Isophorone	7.78	82	701344	35.446	ng	98
26) 2-Nitrophenol	7.86	139	203634	45.432	ng	95
27) 2,4-Dimethylphenol	7.90	122	313974	37.007	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	435151	32.909	ng	99
29) 2,4-Dichlorophenol	8.11	162	305948	35.281	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	331360	34.021	ng	99
31) Naphthalene	8.27	128	1260684	45.841	ng	99
32) Benzoic acid	7.97	122	26759m	11.674	ng	
33) 4-Chloroaniline	8.32	127	249906	20.790	ng	98
34) Hexachlorobutadiene	8.37	225	195067	33.705	ng	97
35) Caprolactam	8.68	113	84576	29.985	ng	# 82
36) 4-Chloro-3-methylphenol	8.80	107	313076	32.501	ng	99
37) 2-Methylnaphthalene	8.95	142	771263	40.471	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	331840	38.369	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	25576	5.817	ng	95

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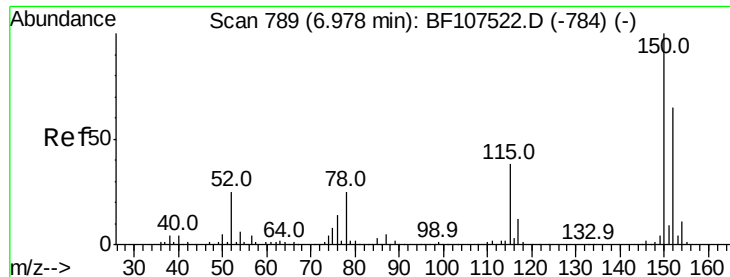
Manual Integrations
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Quant Time: Jul 30 04:15:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	196064	35.417	nq	100
43) 2,4,5-Trichlorophenol	9.28	196	224202	38.751	nq	96
45) 1,1'-Biphenyl	9.42	154	887805	39.304	nq	98
46) 2-Chloronaphthalene	9.45	162	632712	36.646	nq	98
47) 2-Nitroaniline	9.55	65	203086	40.347	nq	94
48) Acenaphthylene	9.87	152	1063921	41.021	nq	99
49) Dimethylphthalate	9.71	163	805653	41.226	nq	100
50) 2,6-Dinitrotoluene	9.79	165	146589	37.781	nq	94
51) Acenaphthene	10.04	154	834056	51.325	nq	99
52) 3-Nitroaniline	9.97	138	129949	27.531	nq	99
53) 2,4-Dinitrophenol	10.08	184	18483	21.071	nq #	81
54) Dibenzofuran	10.21	168	980822	40.998	nq	98
55) 4-Nitrophenol	10.14	139	153295	43.377	nq	91
56) 2,4-Dinitrotoluene	10.20	165	177418	37.882	nq #	94
57) Fluorene	10.55	166	919542	53.876	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	172705	35.866	nq #	85
59) Diethylphthalate	10.41	149	723254	35.437	nq	99
60) 4-Chlorophenyl-phenylether	10.54	204	326933	33.883	nq	91
61) 4-Nitroaniline	10.59	138	125669	31.689	nq	94
62) Azobenzene	10.70	77	593548	31.014	nq	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	30605	20.739	nq	88
65) n-Nitrosodiphenylamine	10.66	169	568046	38.837	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	190692	37.615	nq	90
67) Hexachlorobenzene	11.10	284	190199	34.097	nq #	88
68) Atrazine	11.19	200	162075	36.293	nq	95
69) Pentachlorophenol	11.31	266	179835	51.614	nq	98
70) Phenanthrene	11.53	178	2811750	133.980	nq	96
71) Anthracene	11.58	178	1651858	78.176	nq	99
72) Carbazole	11.74	167	954429	43.437	nq	98
73) Di-n-butylphthalate	12.04	149	973300	42.294	nq	99
74) Fluoranthene	12.74	202	4197100	186.373	nq	95
76) Benzidine	12.85	184	451156	48.396	nq	98
77) Pyrene	12.97	202	3963131m	178.988	nq	
79) Butylbenzylphthalate	13.55	149	394915	41.473	nq	95
80) Benzo(a)anthracene	14.15	228	2949200	155.468	nq	95
81) 3,3'-Dichlorobenzidine	14.11	252	245526	43.193	nq #	97
82) Chrysene	14.19	228	2403679	131.908	nq	94
83) Bis(2-ethylhexyl)phthalate	14.10	149	542208	40.356	nq	99
84) Di-n-octyl phthalate	14.72	149	973988	46.638	nq	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	1595785	103.327	nq #	87
87) Benzo(b)fluoranthene	15.25	252	3214939m	159.574	nq	
88) Benzo(k)fluoranthene	15.28	252	1472170m	74.584	nq	
89) Benzo(a)pyrene	15.64	252	2417064	131.155	nq	96
90) Dibenzo(a,h)anthracene	17.29	278	649571m	40.775	nq	
91) Benzo(g,h,i)perylene	17.77	276	1379233	87.772	nq	92

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



#1

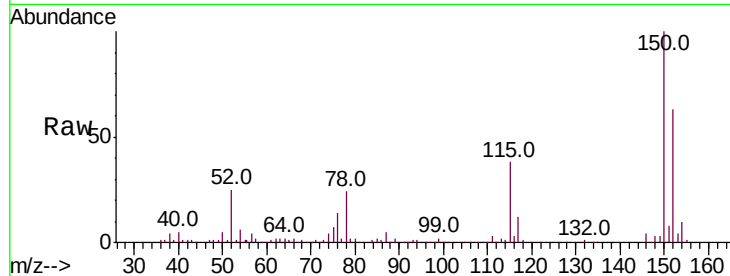
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	59.5	50.1	75.1

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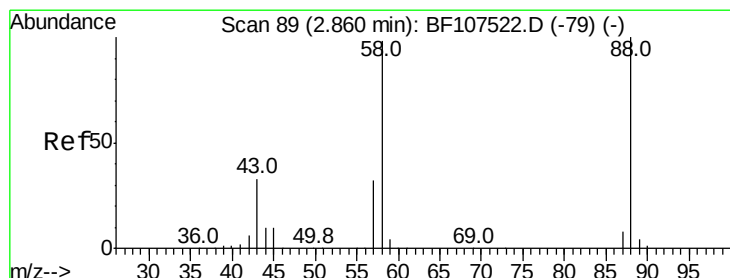
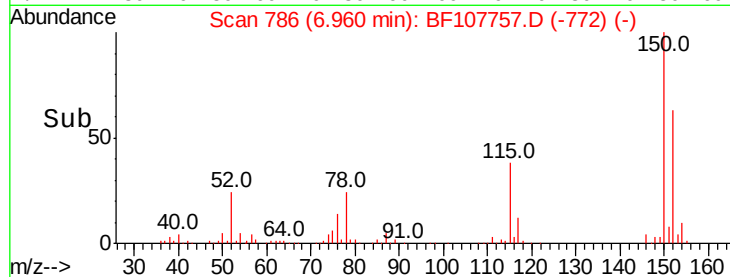
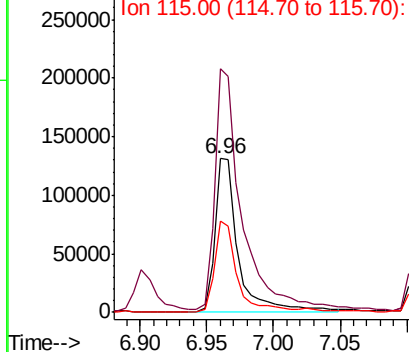


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

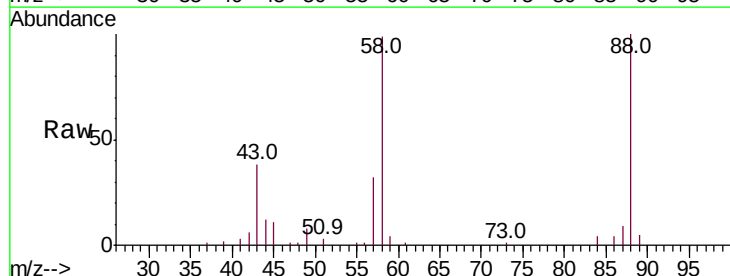
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.159 ng
RT: 2.85 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	62.6	93.8
43	30.6	24.6	37.0

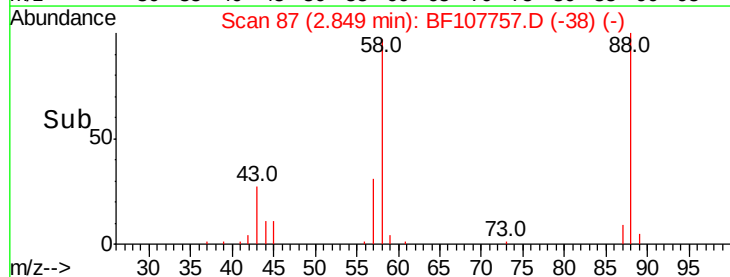
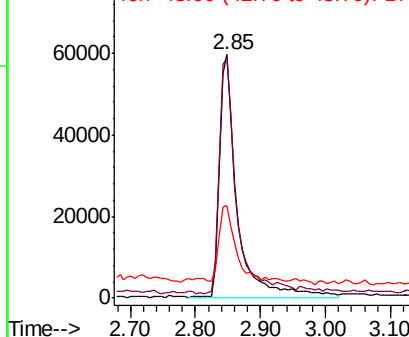


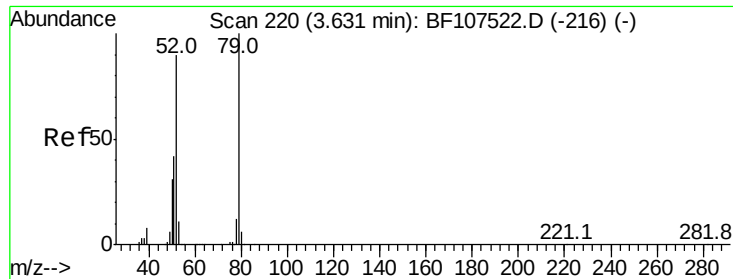
Abundance

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: 21.170 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

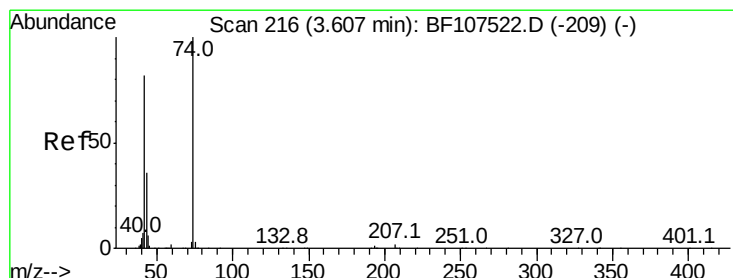
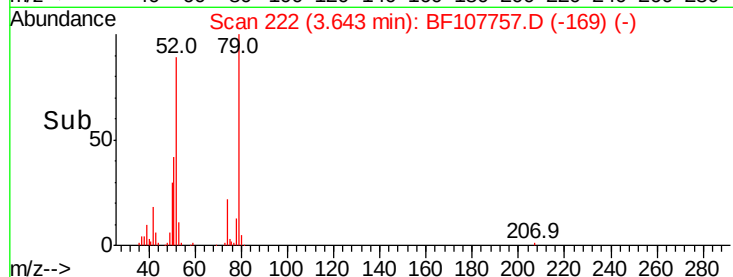
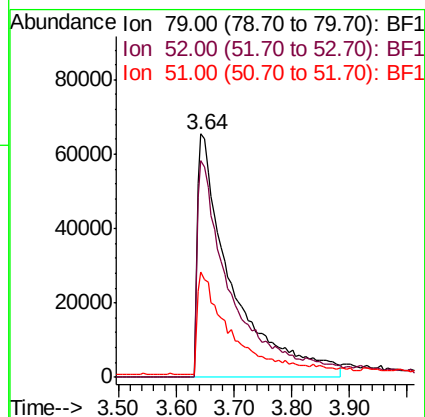
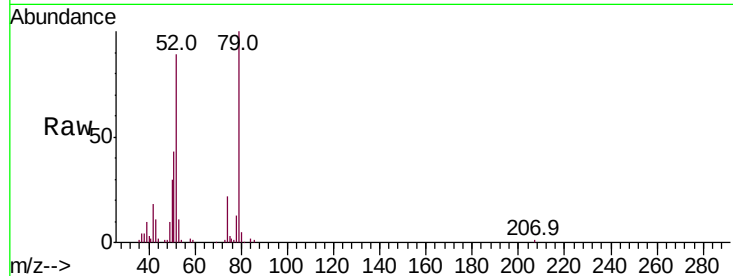
ClientSampleId :

SB-1(3-5)MSD

Tot Ion:	79	Resp:	272476
Ion Ratio	Lower	Upper	
79	100		
52	88.8	59.8	89.6
51	43.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 17.279 ng

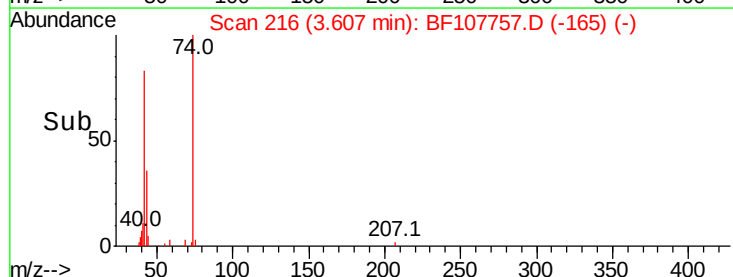
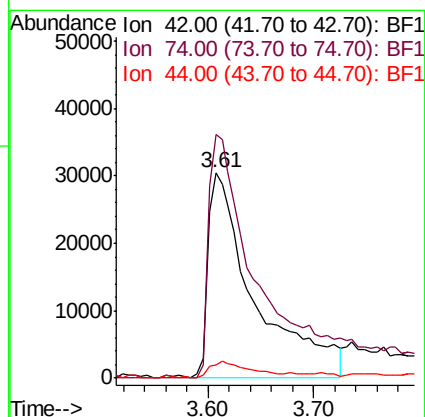
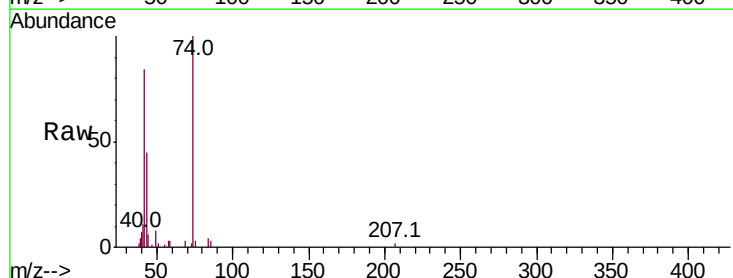
RT: 3.61 min Scan# 216

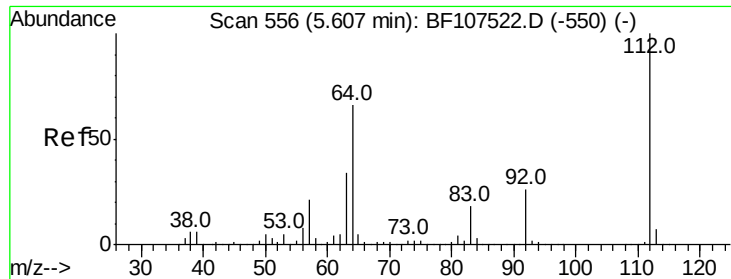
Delta R.T. -0.00 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tgt Ion:	42	Resp:	93796
Ion Ratio	Lower	Upper	
42	100		
74	118.4	104.9	157.3
44	6.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 94.755 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

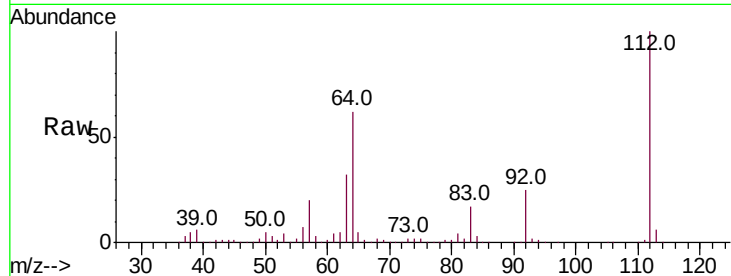
ClientSampled :

SB-1(3-5)MSD

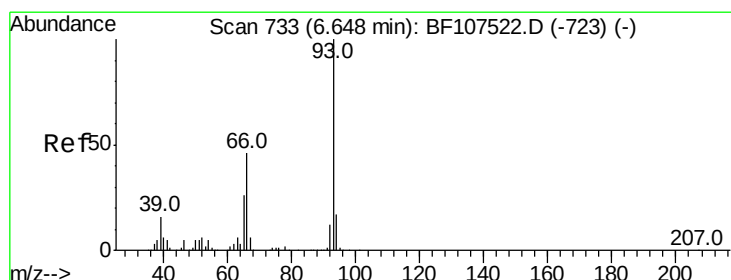
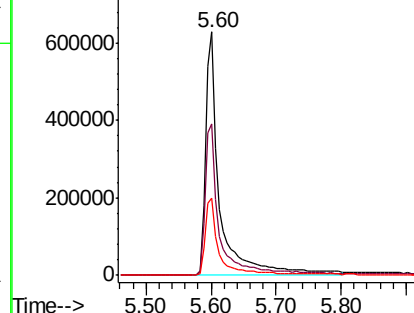
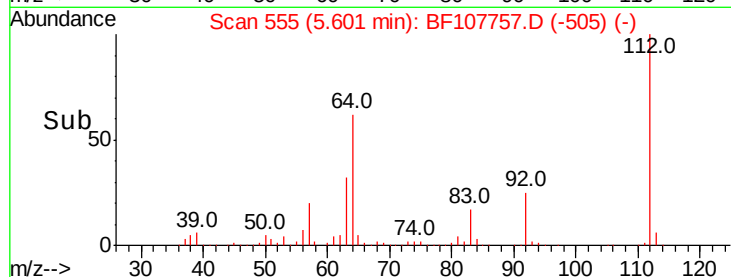
Tot Ion:	112	Resp:	963138
Ion Ratio	Lower	Upper	
112	100		
64	62.0	47.9	71.9
63	31.8	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.783 ng

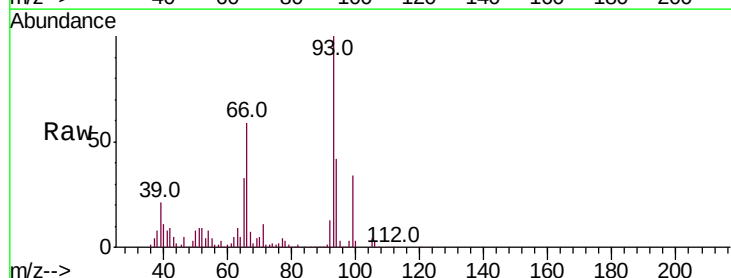
RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

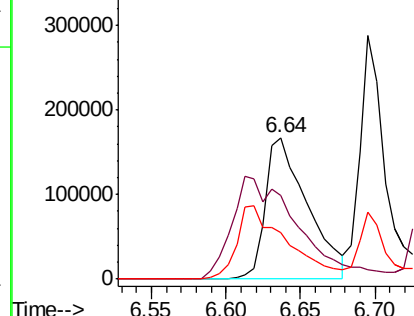
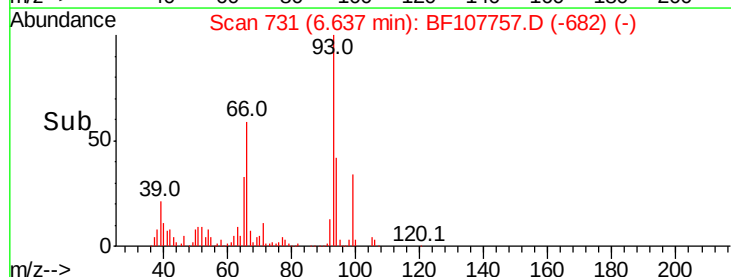
Lab File: BF107757.D

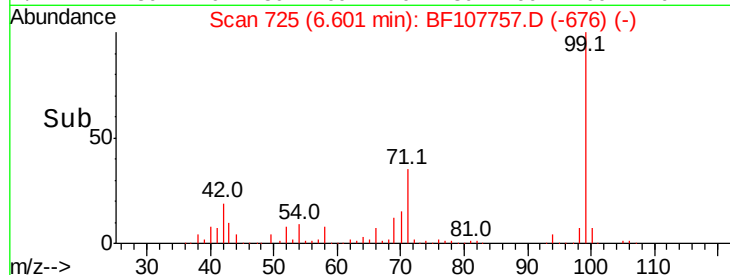
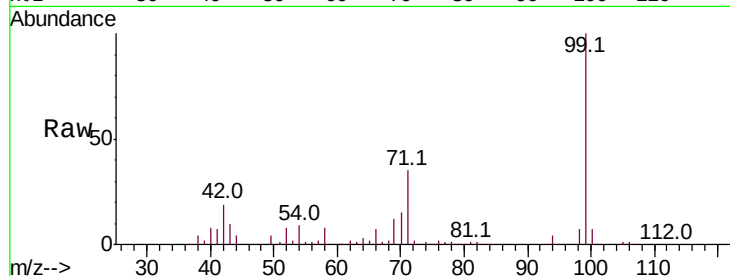
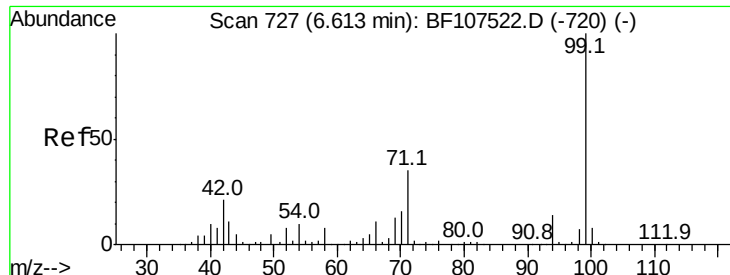
Acq: 27 Jul 2018 20:22

Tgt Ion:	93	Resp:	327157
Ion Ratio	Lower	Upper	
93	100		
66	58.9	32.2	48.2#
65	33.2	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: 95.901 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tot Ion: 99 Resp: 1170470

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 34.6 25.4 38.0

Instrument :

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ClientSampleId :

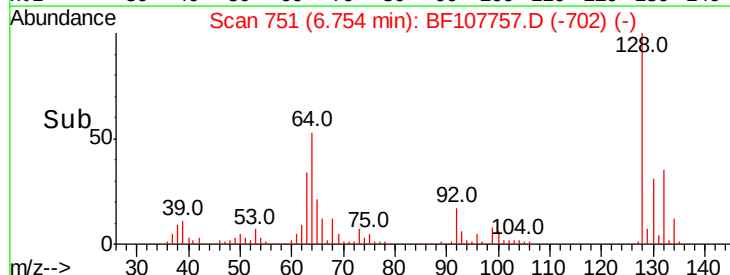
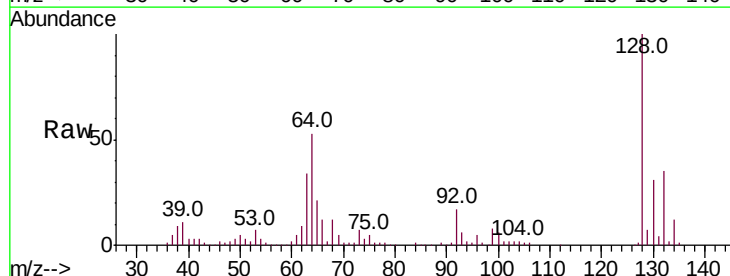
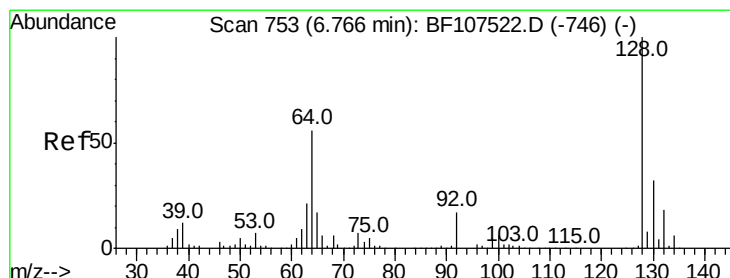
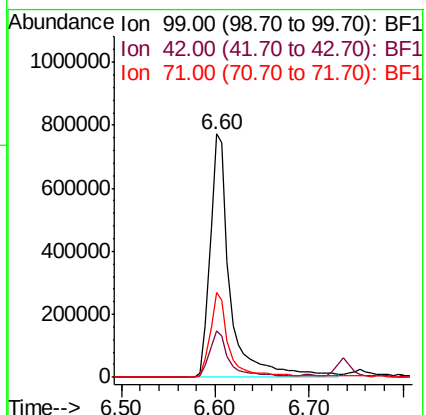
SB-1(3-5)MSD

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#8

2-Chlorophenol

Concen: 33.888 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

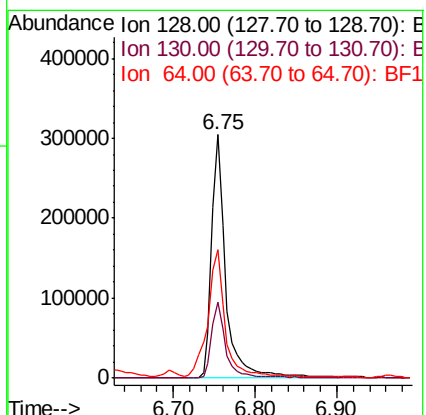
Tgt Ion:128 Resp: 369033

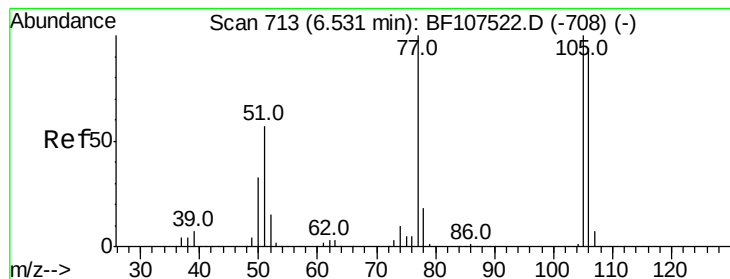
Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

64 52.8 29.4 69.4





#9

Benzaldehyde

Concen: 23.334 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

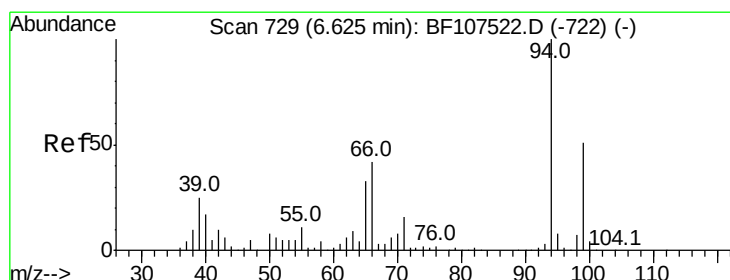
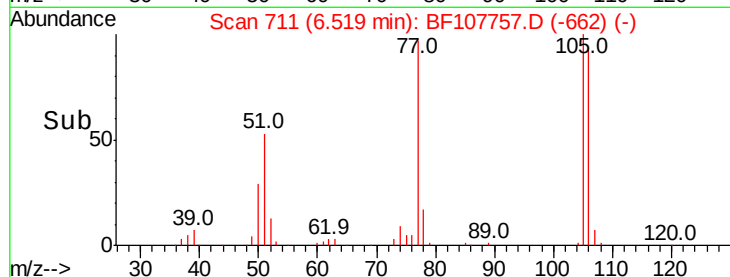
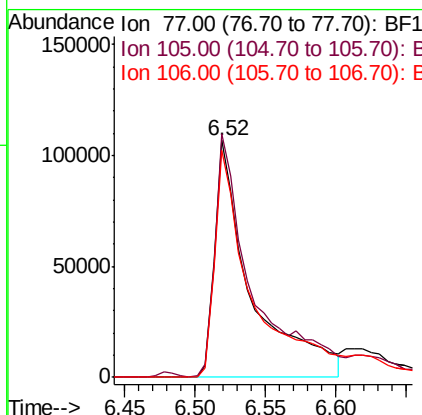
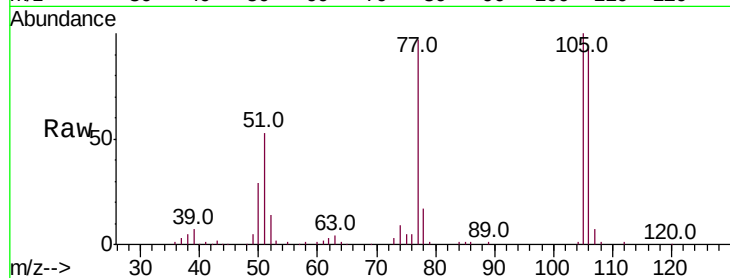
ClientSampleId :

SB-1(3-5)MSD

Tot Ion:	77	Resp:	193926
Ion	Ratio	Lower	Upper
77	100		
105	102.7	81.1	121.1
106	95.5	74.5	114.5

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#10

Phenol

Concen: 31.136 ng

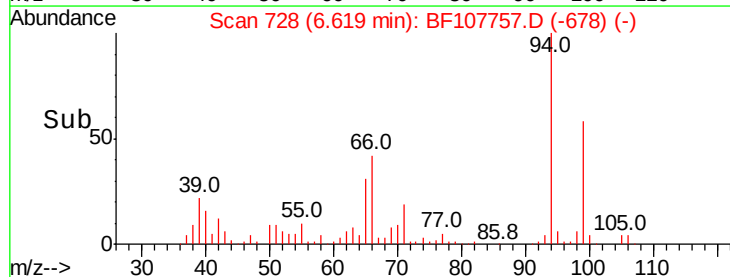
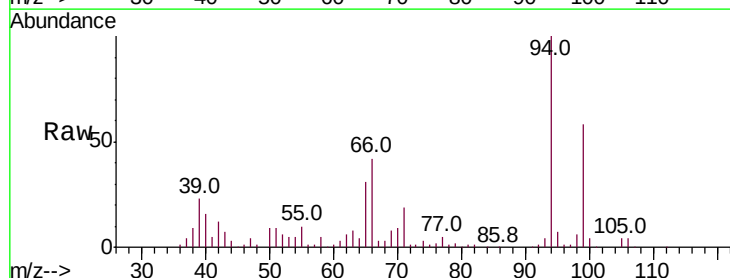
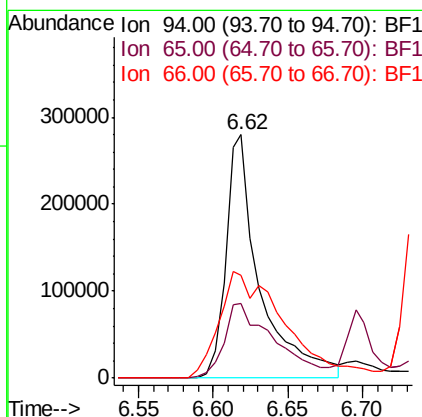
RT: 6.62 min Scan# 728

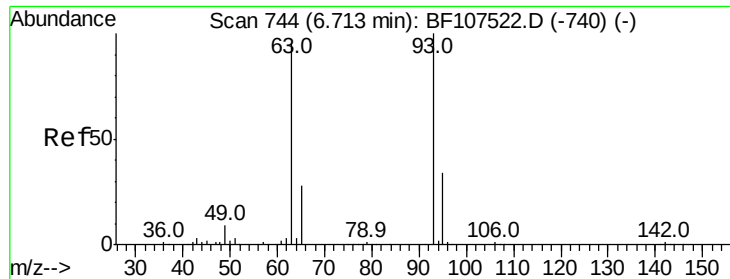
Delta R.T. -0.01 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tgt Ion:	94	Resp:	446914
Ion	Ratio	Lower	Upper
94	100		
65	30.9	7.9	47.9
66	42.2	16.2	56.2





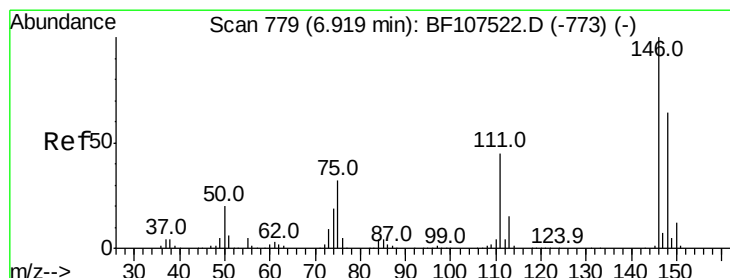
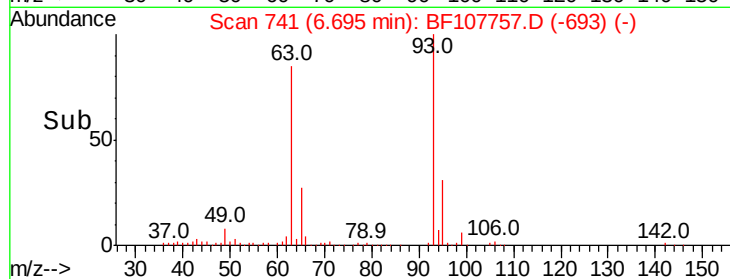
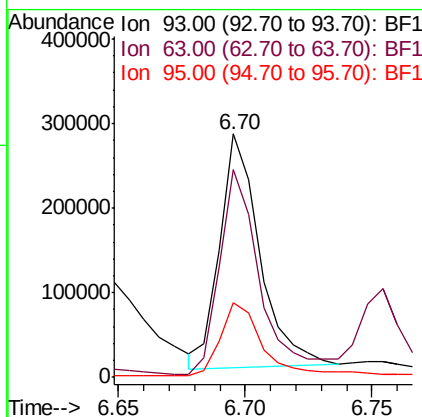
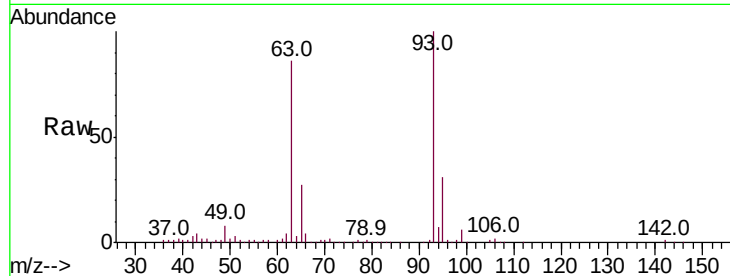
#11
bis(2-Chloroethyl)ether
Concen: 25.423 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.5	58.6	98.6
95	30.9	11.8	51.8

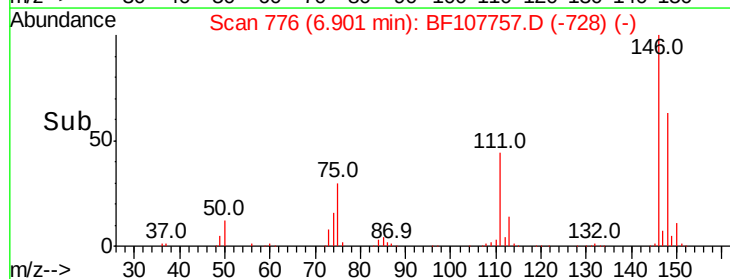
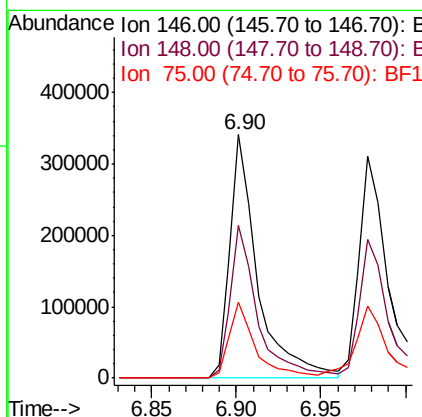
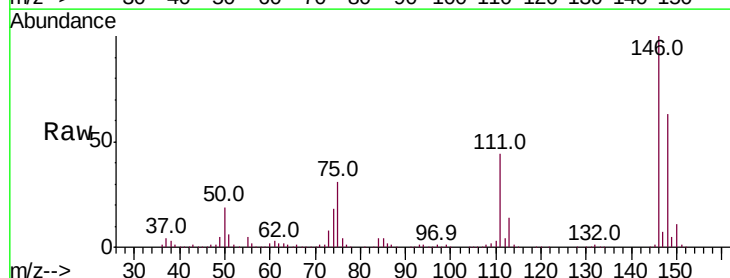
Manual Integrations
APPROVED

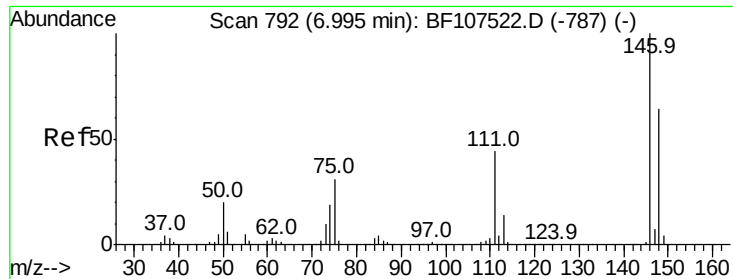
Sohil
7/30/2018 2:03:01 PM



#12
1,3-Dichlorobenzene
Concen: 31.480 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
75	31.1	24.2	36.4





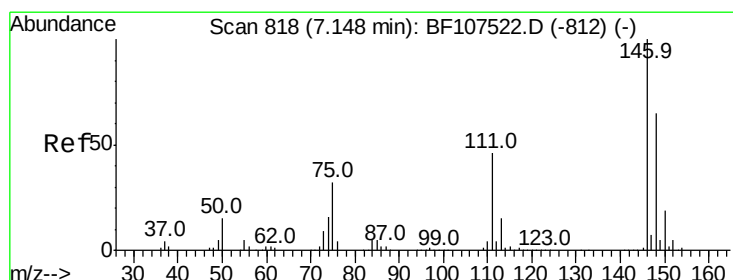
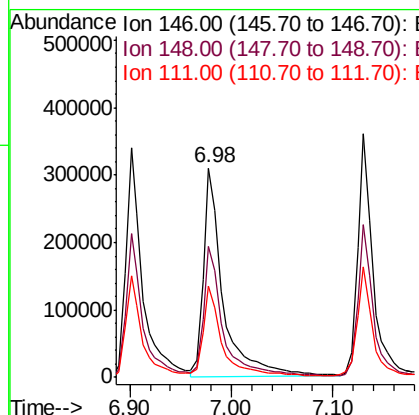
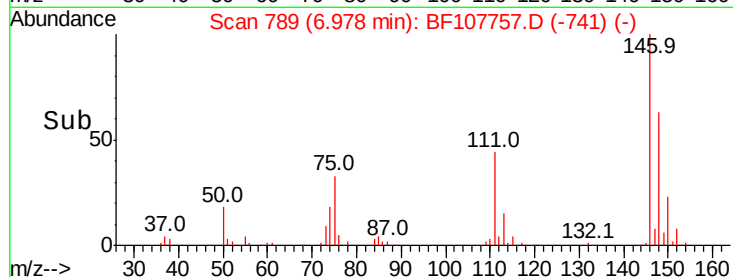
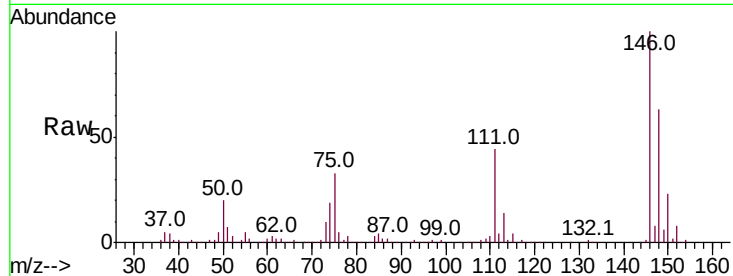
#13
 1,4-Dichlorobenzene
 Concen: 33.249 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	43.5	34.2	51.2

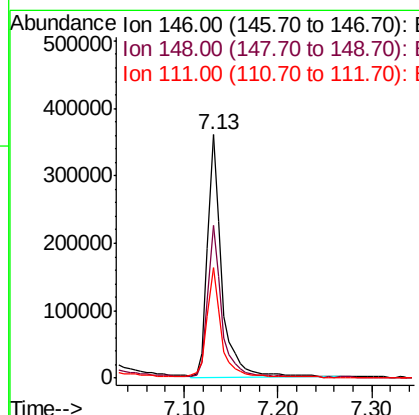
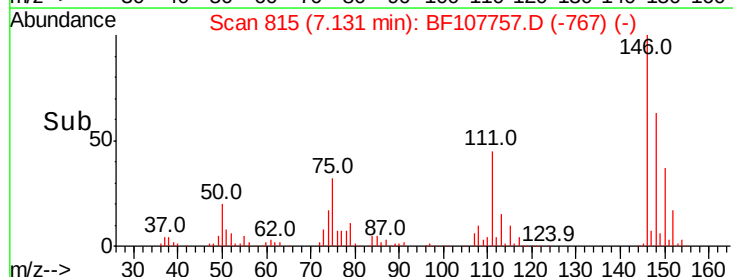
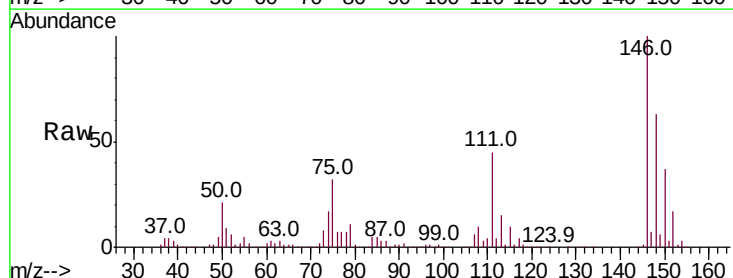
Manual Integrations
 APPROVED

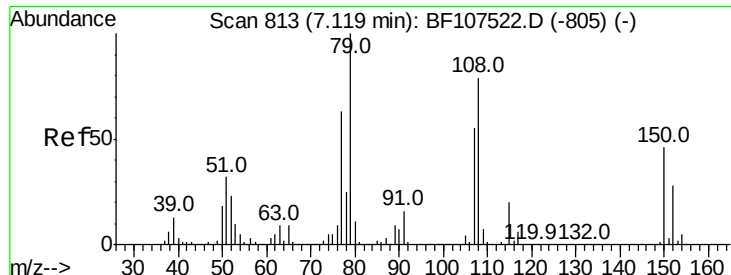
Sohil
 7/30/2018 2:03:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.385 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	45.2	36.0	54.0





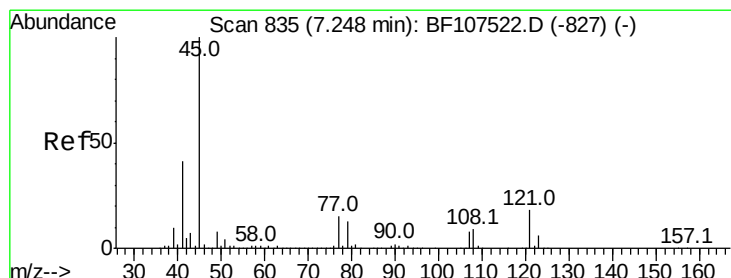
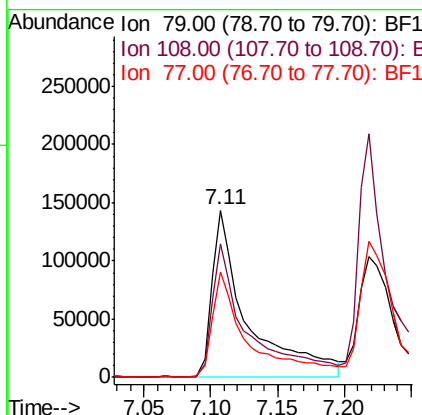
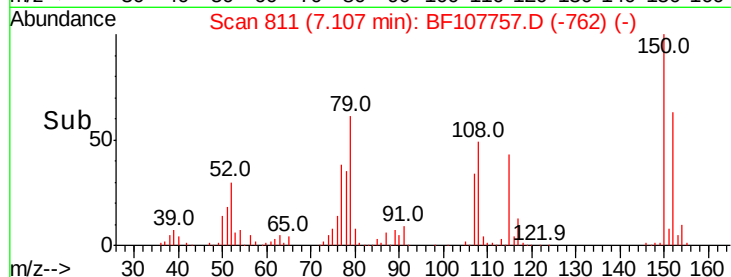
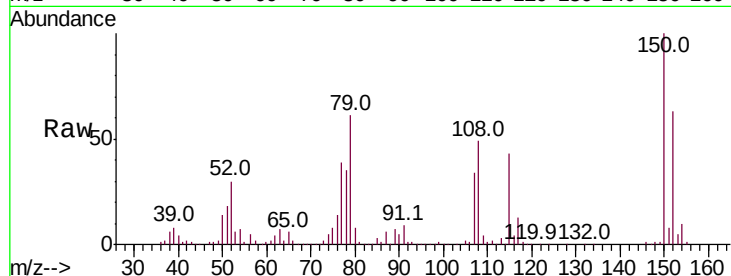
#15
Benzyl Alcohol
Concen: 31.946 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	65.1	97.7
77	63.3	50.6	75.8

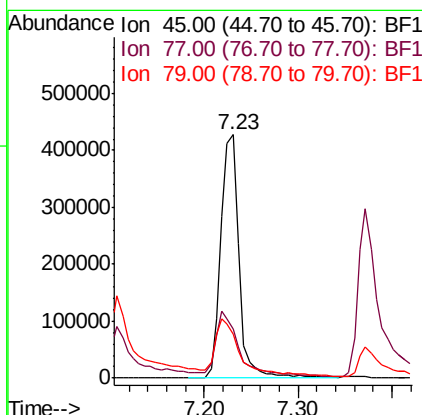
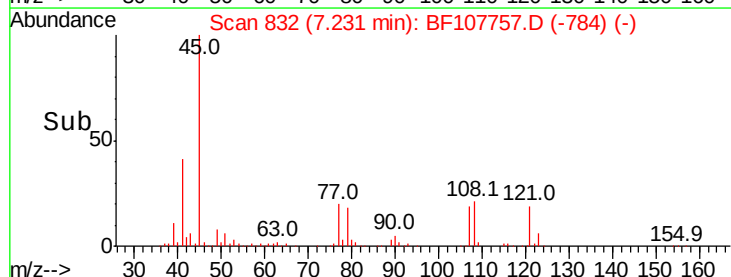
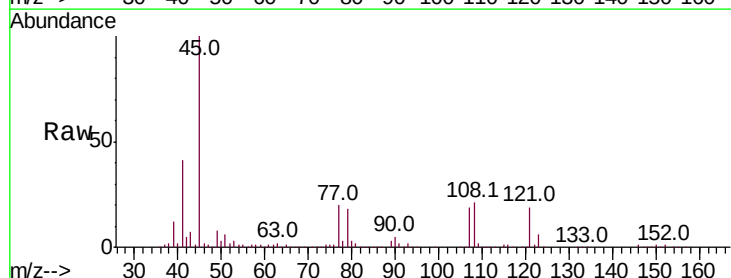
Manual Integrations
APPROVED

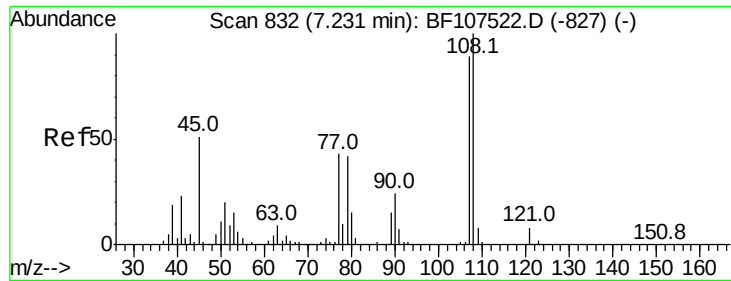
Sohil
7/30/2018 2:03:01 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 29.071 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.3	0.0	32.9
79	18.2	0.0	29.6





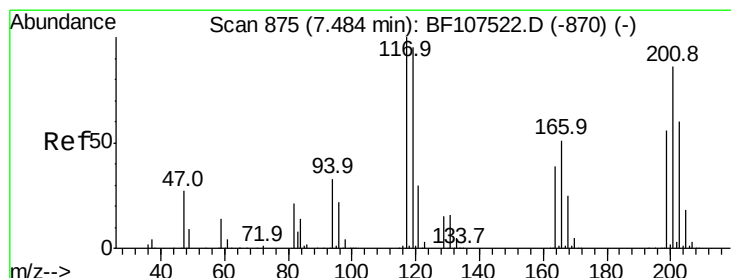
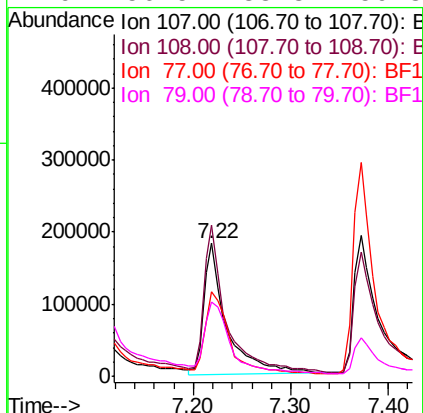
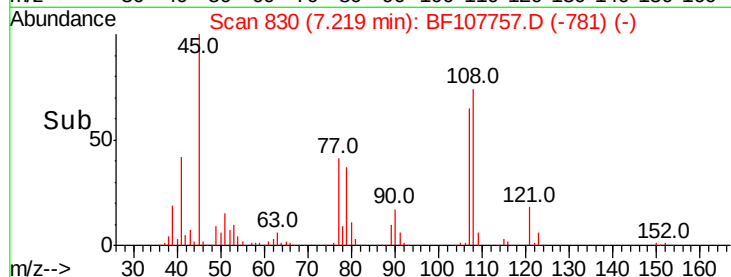
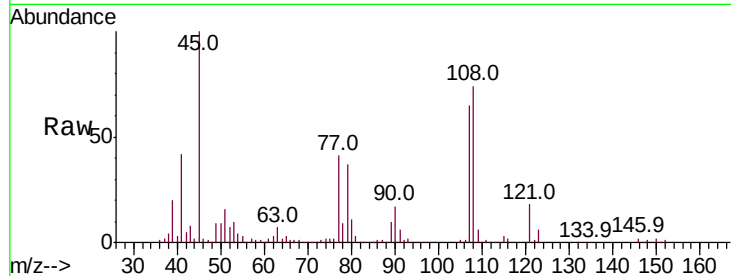
#17
2-Methylphenol
Concen: 31.412 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	290744		
108	113.7	91.7	137.5	
77	63.4	33.8	50.8#	
79	56.5	33.8	50.8#	

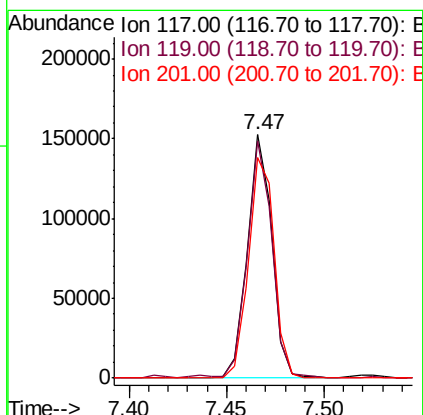
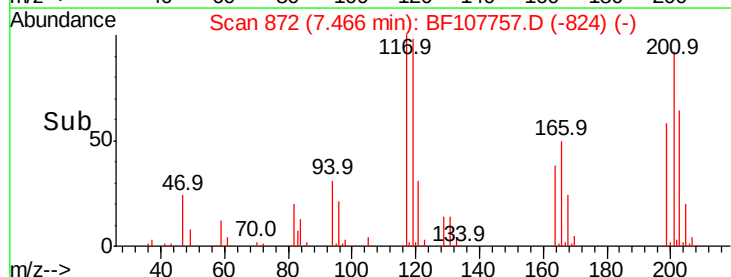
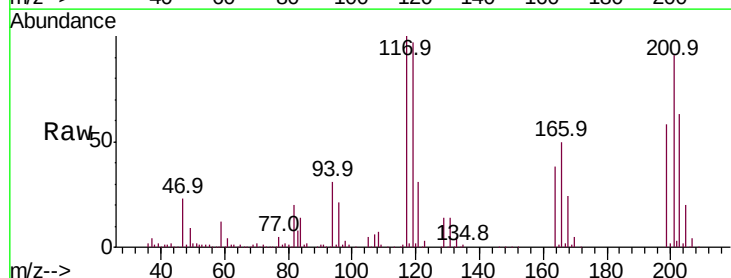
Manual Integrations
APPROVED

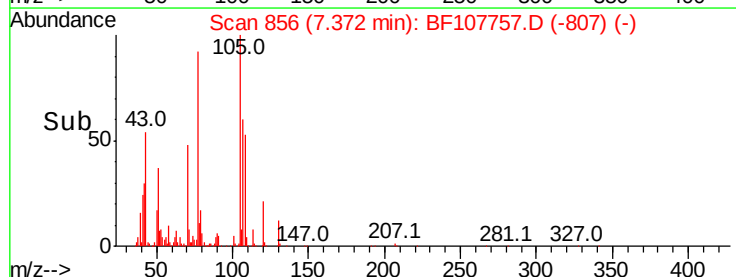
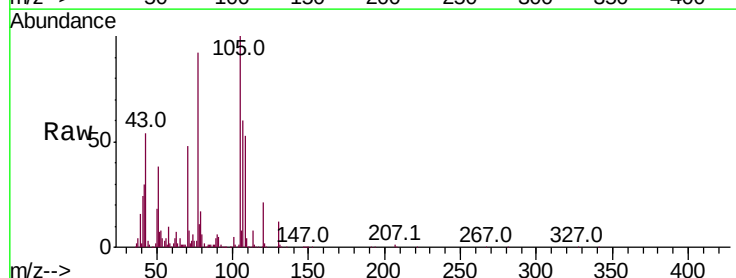
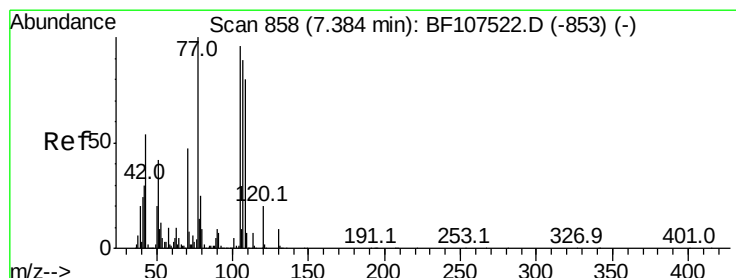
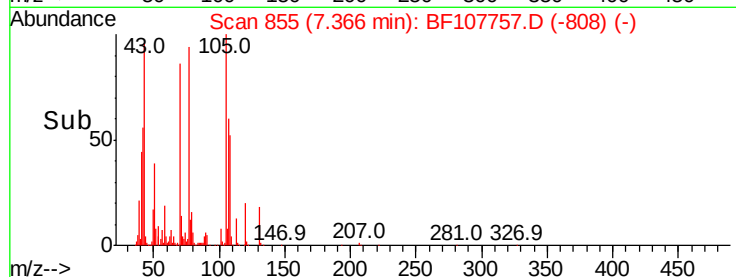
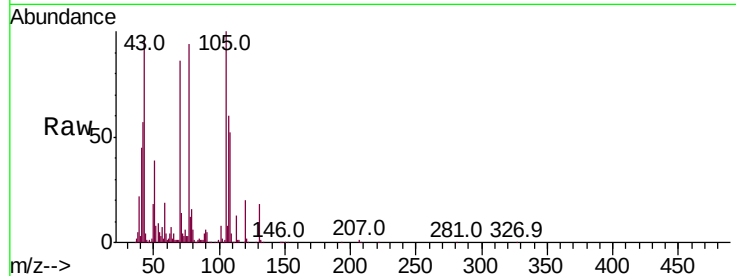
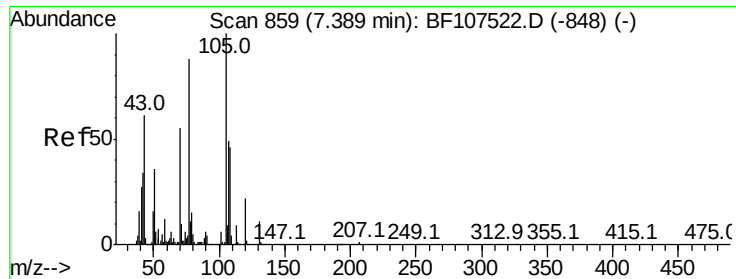
Sohil
7/30/2018 2:03:01 PM



#18
Hexachloroethane
Concen: 30.014 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	133220		
119	97.2	75.8	113.8	
201	90.9	75.7	113.5	





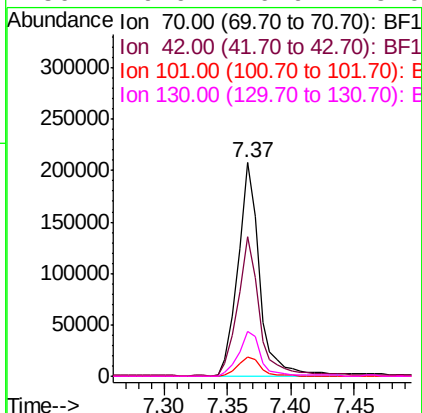
#19
n-Nitroso-di-n-propylamine
Concen: 31.185 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.6	47.5	71.3
101	9.1	7.4	11.2
130	20.9	16.6	25.0

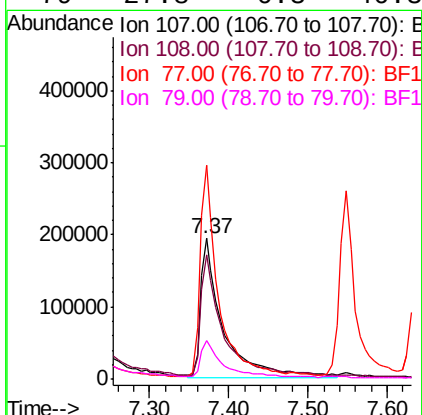
Manual Integrations
APPROVED

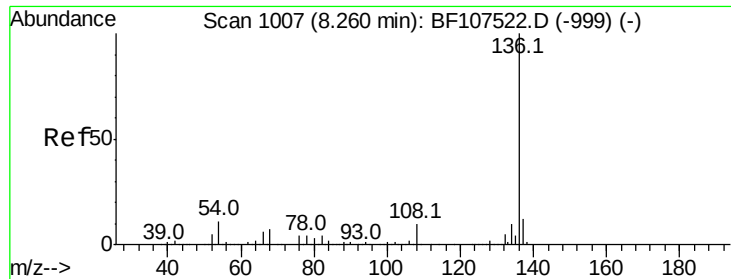
Sohil
7/30/2018 2:03:01 PM



#20
3+4-Methylphenols
Concen: 35.637 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	152.2	26.7	66.7#
79	27.8	6.3	46.3





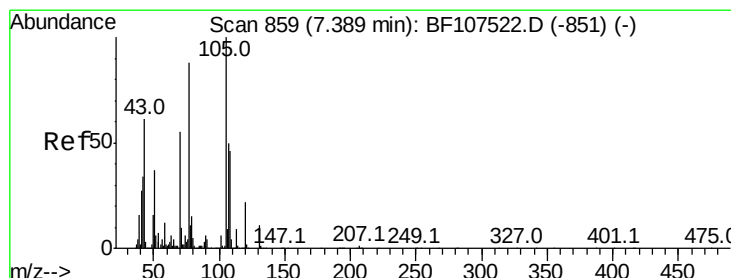
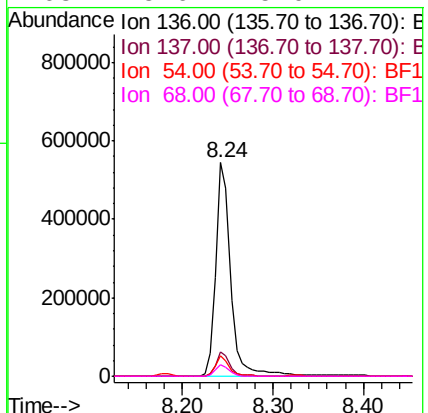
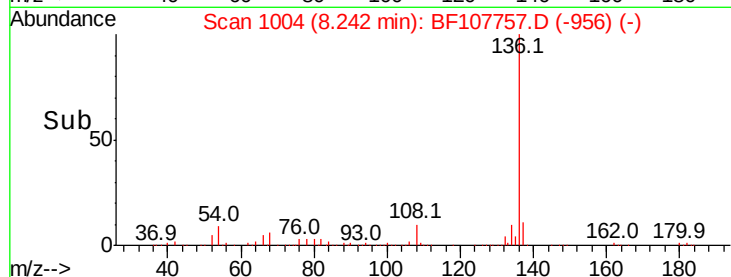
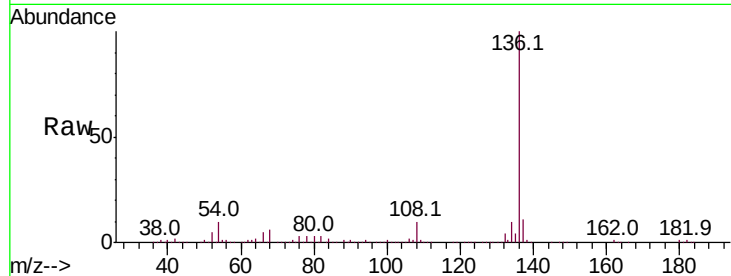
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.6	6.6	9.8	
68	5.6	5.0	7.4	

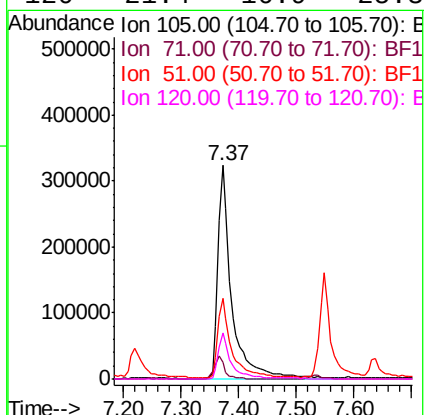
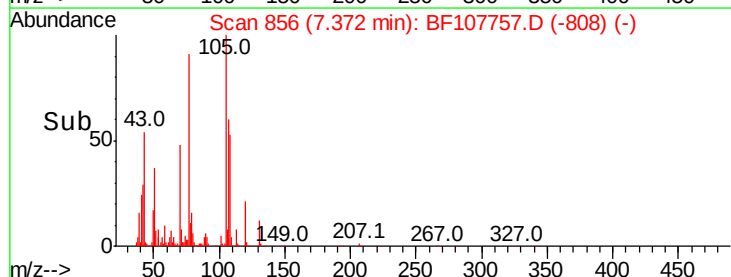
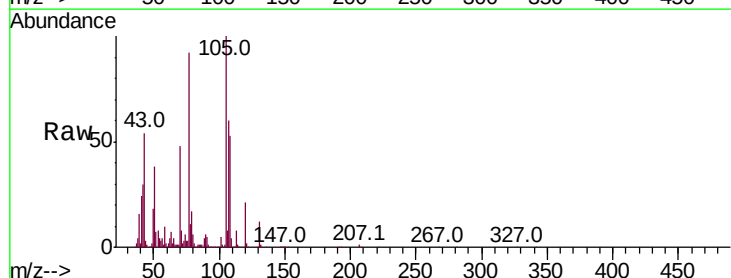
Manual Integrations
APPROVED

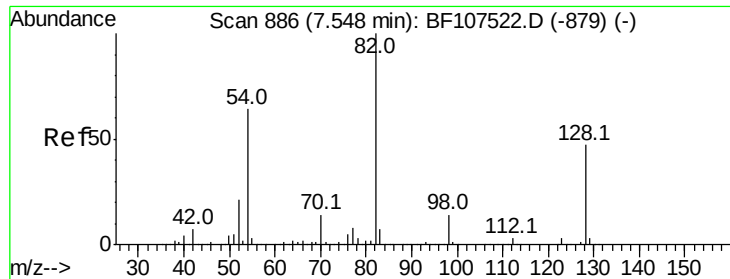
Sohil
7/30/2018 2:03:01 PM



#22
Acetophenone
Concen: 36.455 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	4.4	6.6#	
51	37.6	22.3	33.5#	
120	21.4	16.9	25.3	





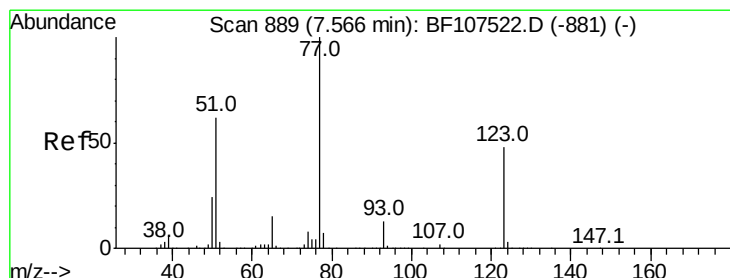
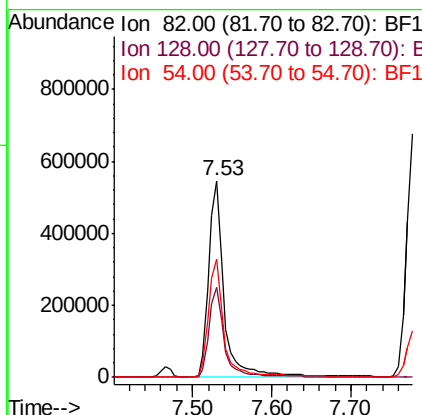
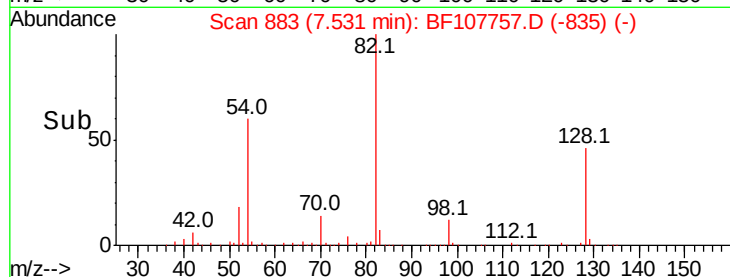
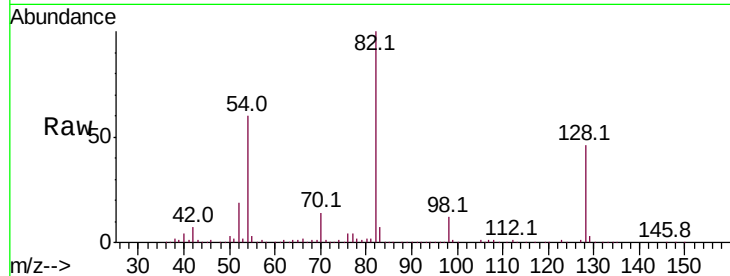
#23
 Nitrobenzene-d5
 Concen: 81.197 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion:	82	Resp:	752433
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	60.0	41.4	62.2

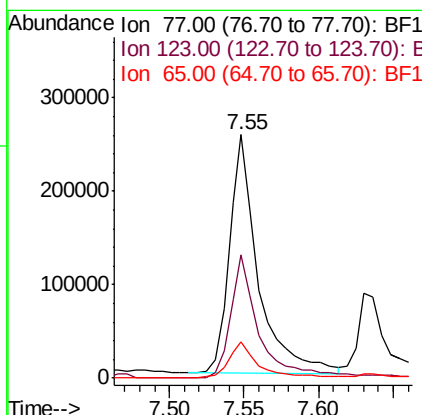
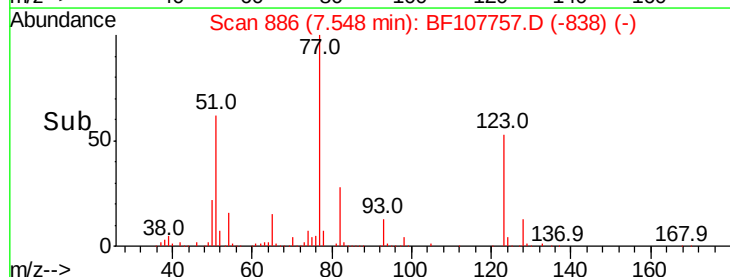
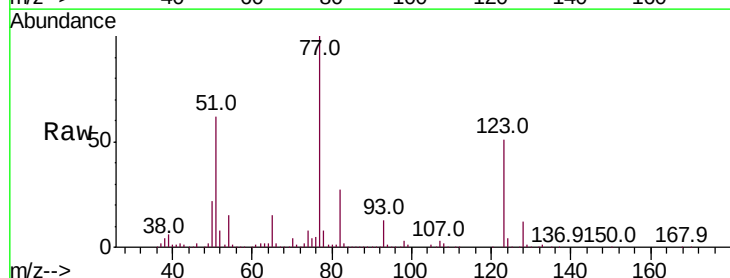
Manual Integrations
 APPROVED

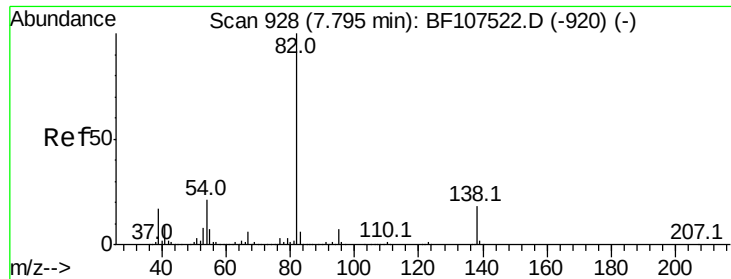
Sohil
 7/30/2018 2:03:01 PM



#24
 Nitrobenzene
 Concen: 32.481 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion:	77	Resp:	344752
Ion Ratio	Lower	Upper	
77	100		
123	50.7	37.9	56.9
65	14.9	11.0	16.4





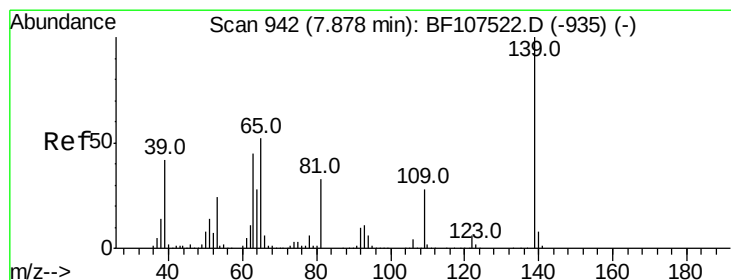
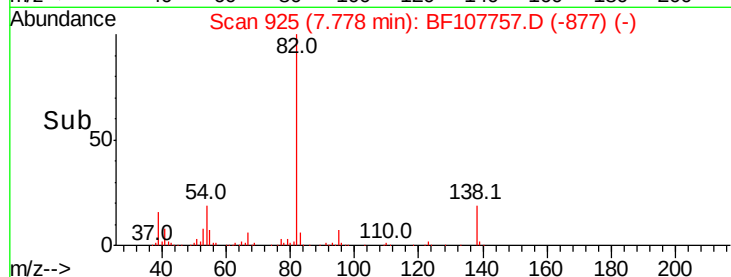
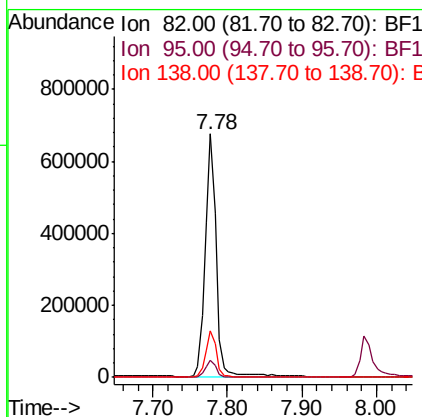
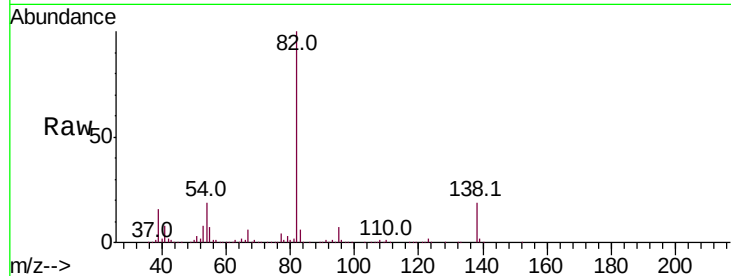
#25
Isophorone
Concen: 35.446 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.2	7.8
138	19.3	14.9	22.3

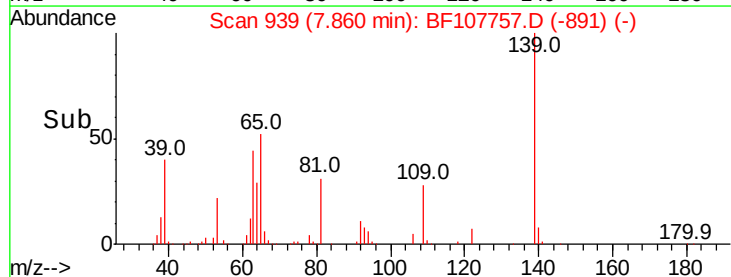
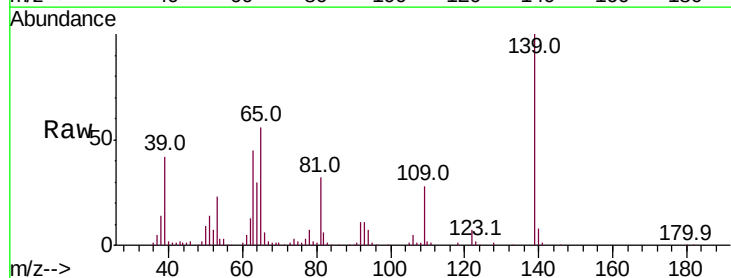
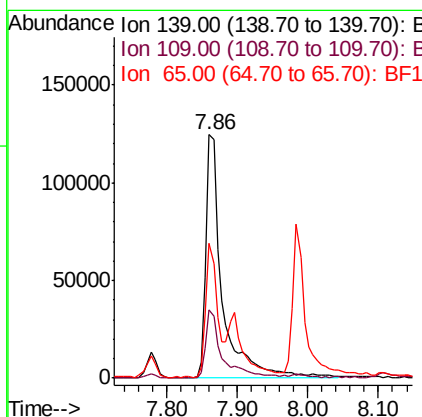
Manual Integrations
APPROVED

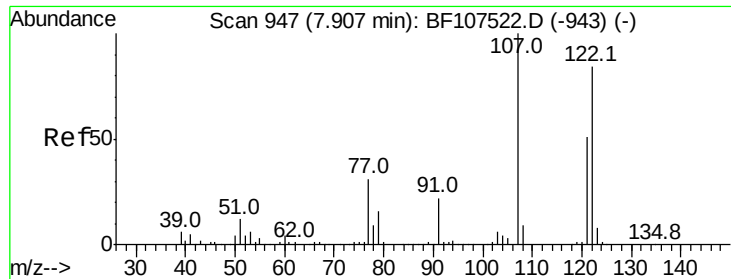
Sohil
7/30/2018 2:03:01 PM



#26
2-Nitrophenol
Concen: 45.432 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.7	34.1
65	55.5	40.5	60.7





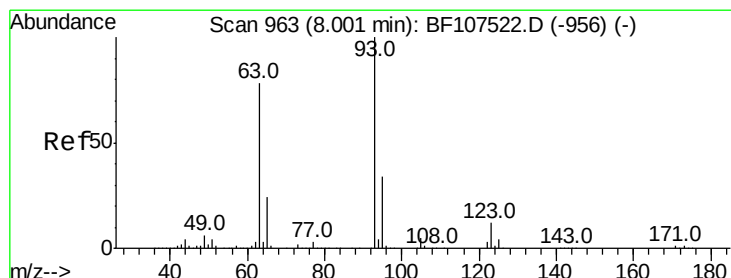
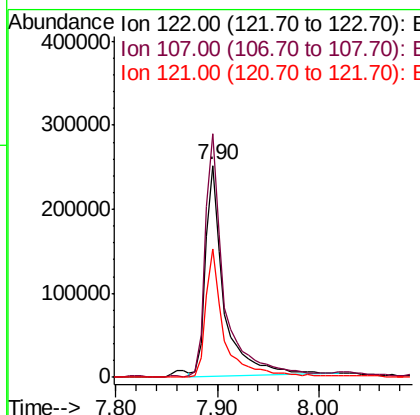
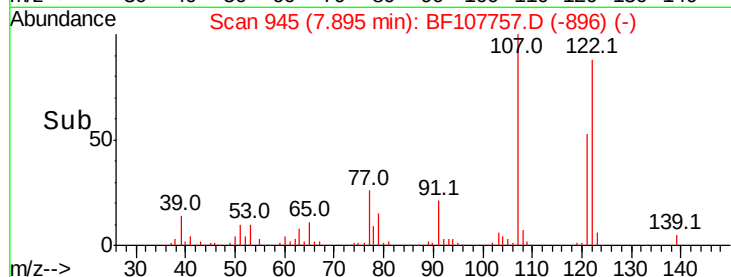
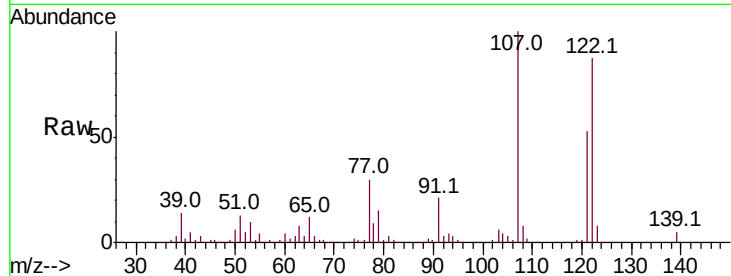
#27
 2,4-Dimethylphenol
 Concen: 37.007 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.2	136.8
121	60.5	47.2	70.8

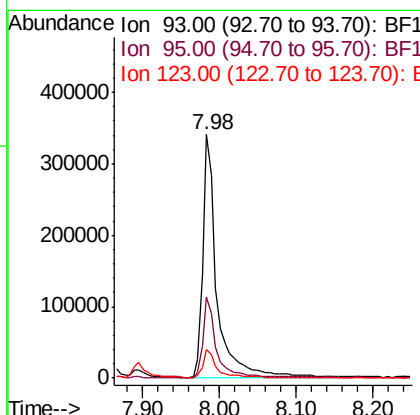
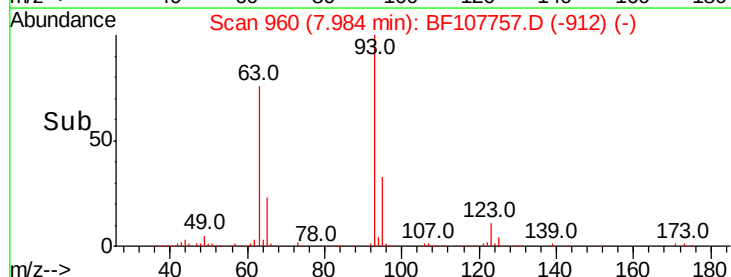
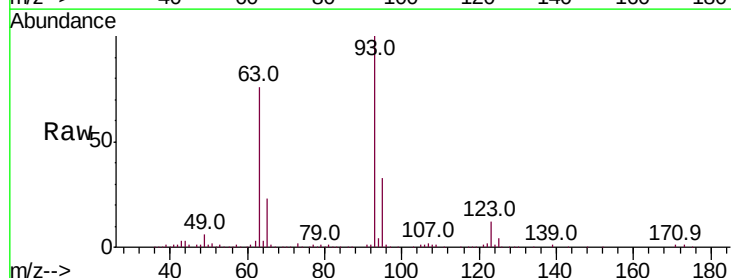
Manual Integrations
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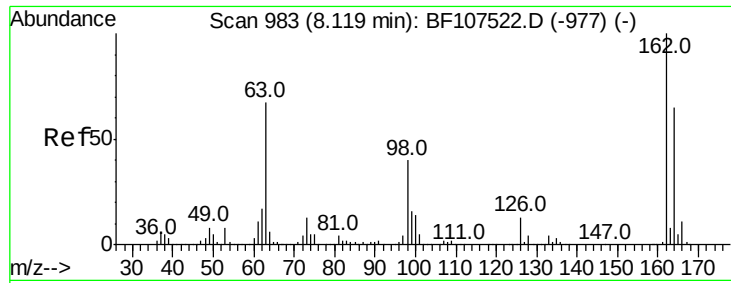
Sohil
 7/30/2018 2:03:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.909 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.6	9.8	14.6





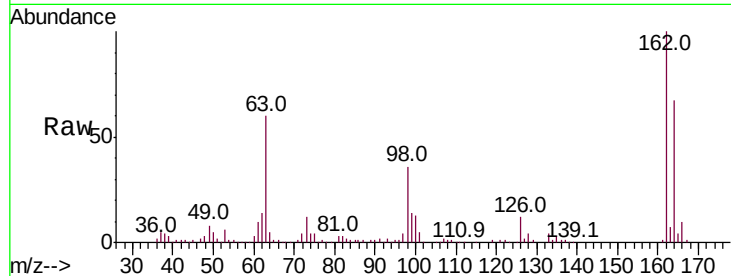
#29
2,4-Dichlorophenol
Concen: 35.281 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	305948		
164	66.9	42.7	82.7	
98	36.2	18.1	58.1	

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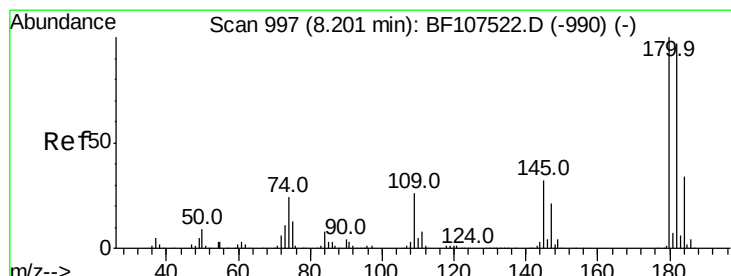
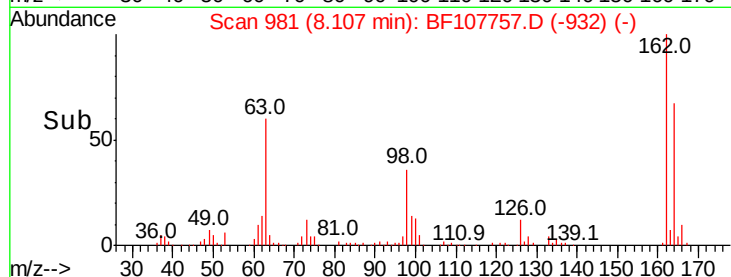
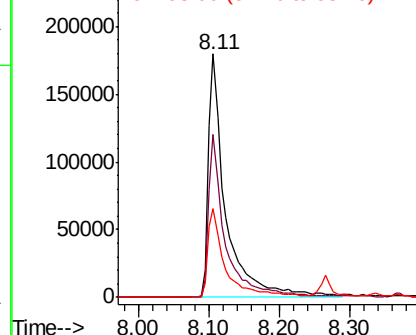


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 34.021 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

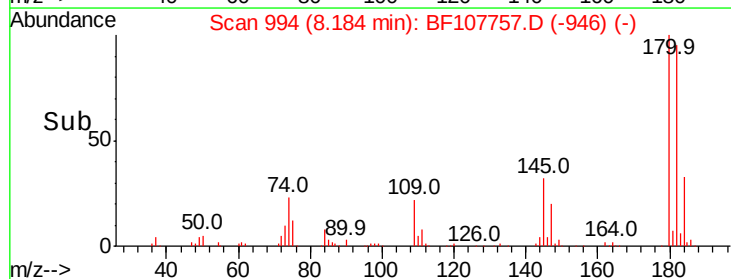
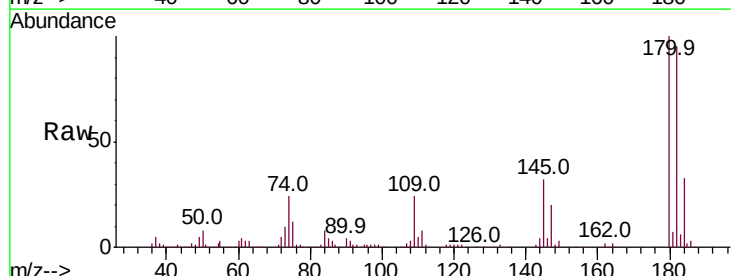
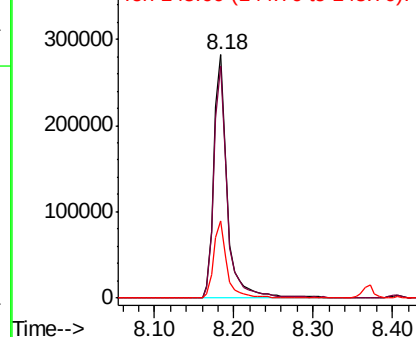
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	331360		
182	95.2	76.8	115.2	
145	31.6	26.5	39.7	

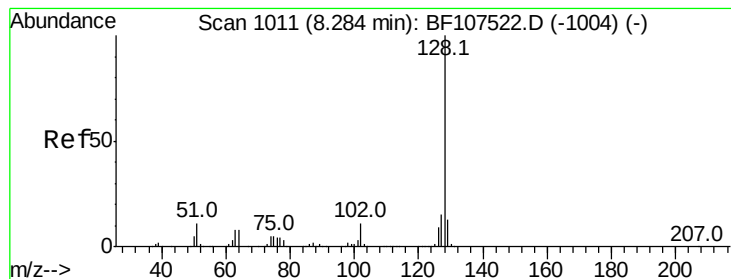
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.841 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

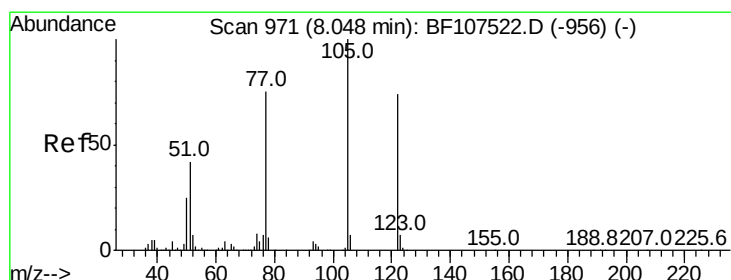
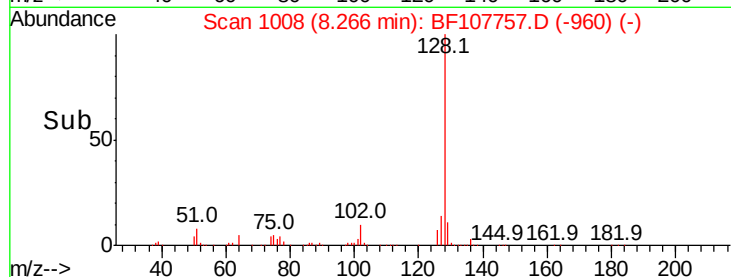
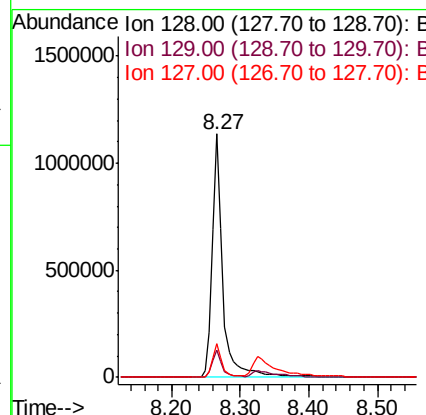
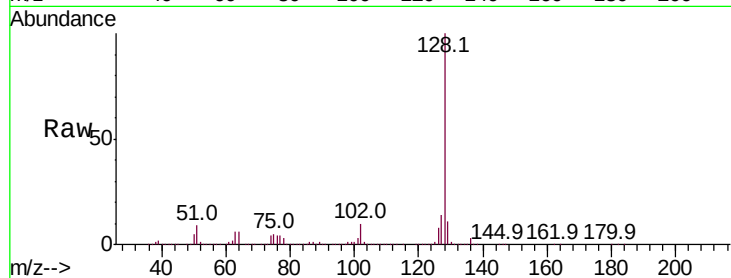
ClientSampleId :

SB-1(3-5)MSD

Tot Ion:	128	Resp:	1260684
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.9	16.3

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#32

Benzoic acid

Concen: 11.674 ng m

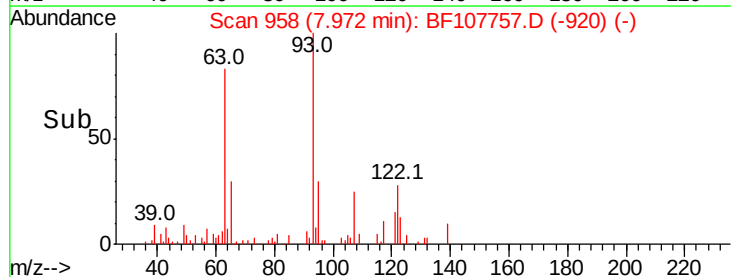
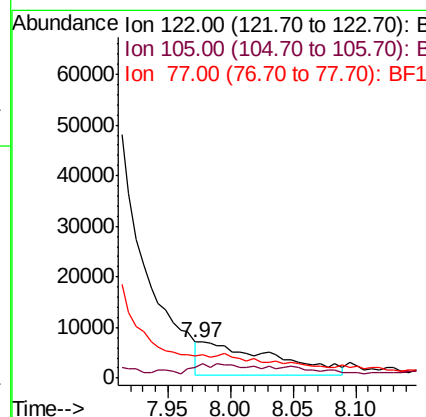
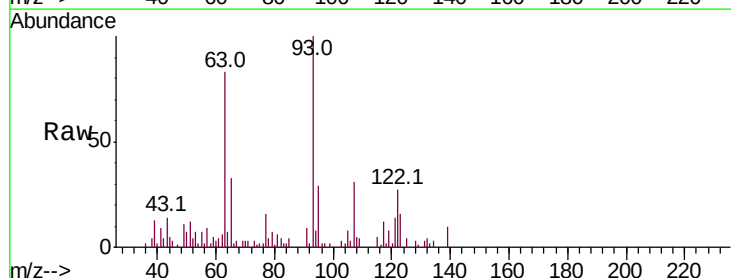
RT: 7.97 min Scan# 958

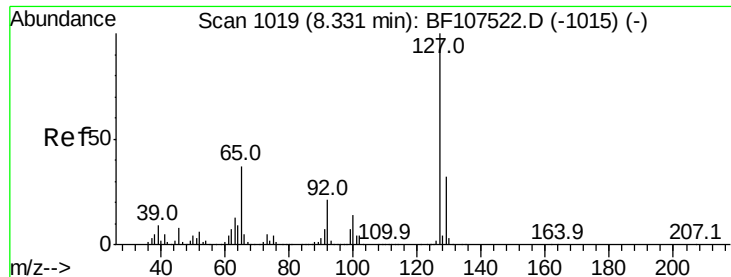
Delta R.T. -0.08 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tgt Ion:	122	Resp:	26759
Ion	Ratio	Lower	Upper
122	100		
105	30.8	101.1	141.1#
77	60.3	70.7	110.7#





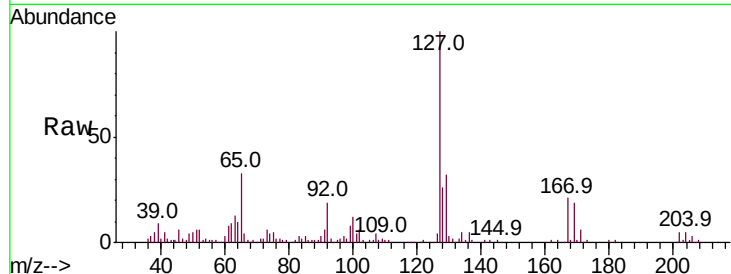
#33
4-Chloroaniline
Concen: 20.790 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		249906		
129	31.9	25.9	38.9		
65	33.2	25.0	37.4		
92	18.7	15.2	22.8		

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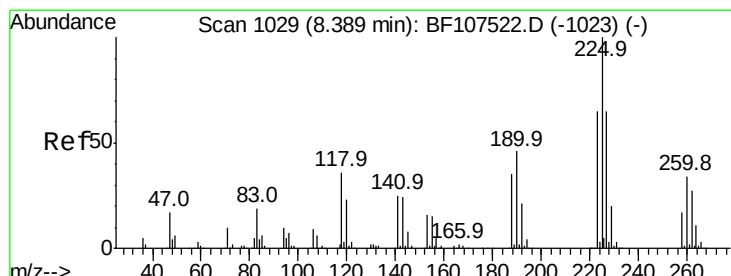
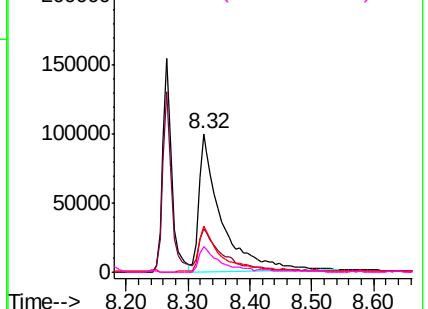
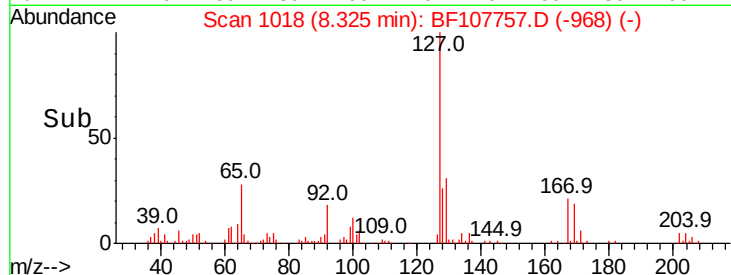
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

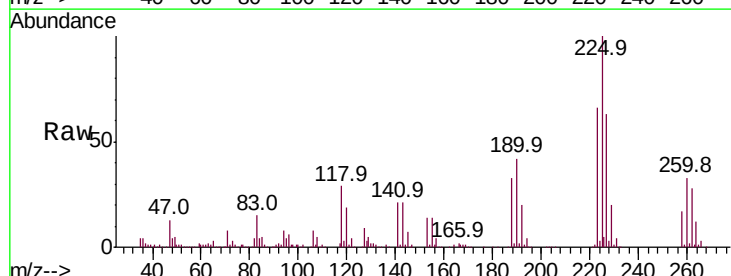
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 33.705 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		195067		
223	65.9	50.6	76.0		
227	63.3	51.9	77.9		

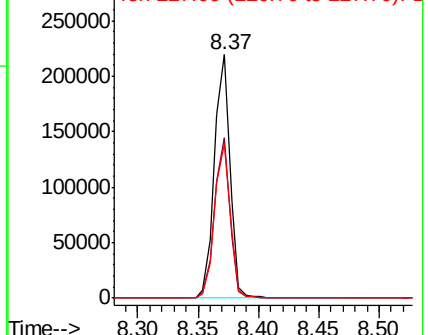
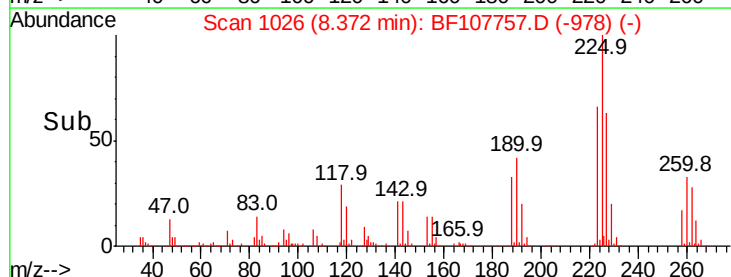


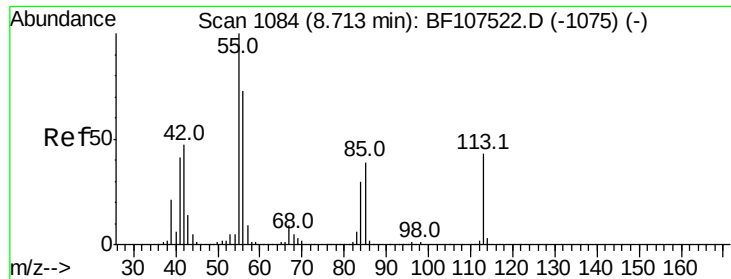
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





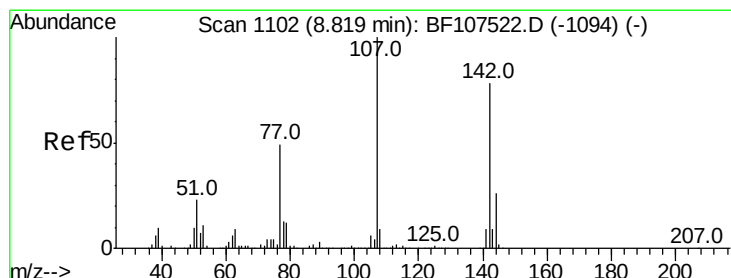
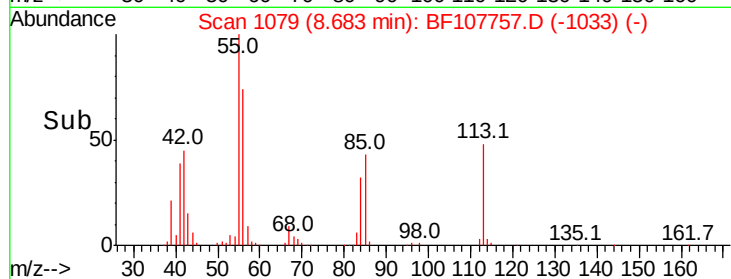
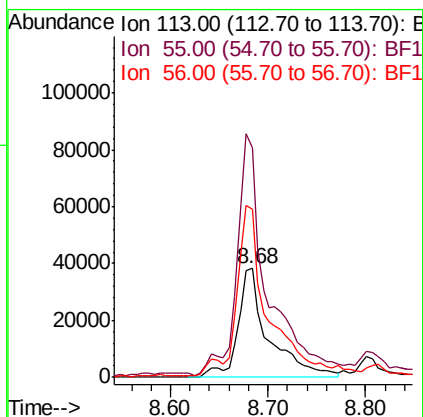
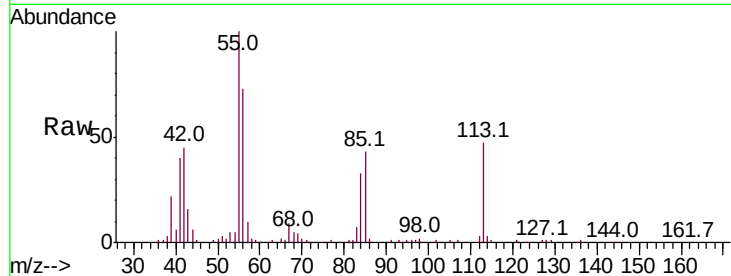
#35
 Caprolactam
 Concen: 29.985 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion:113 Resp: 84576
 Ion Ratio Lower Upper
 113 100
 55 211.4 163.3 203.3#
 56 154.9 115.7 155.7

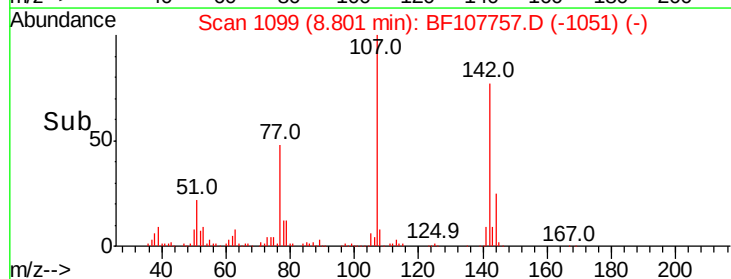
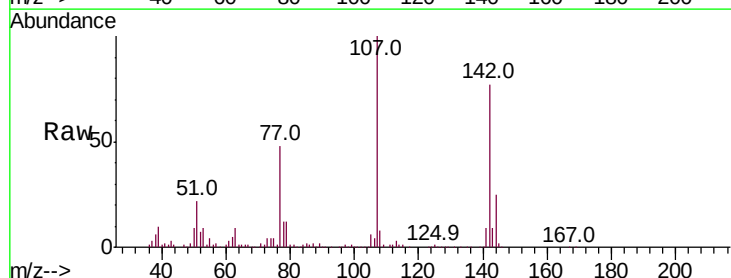
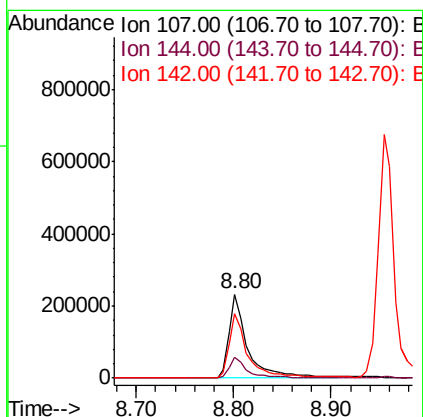
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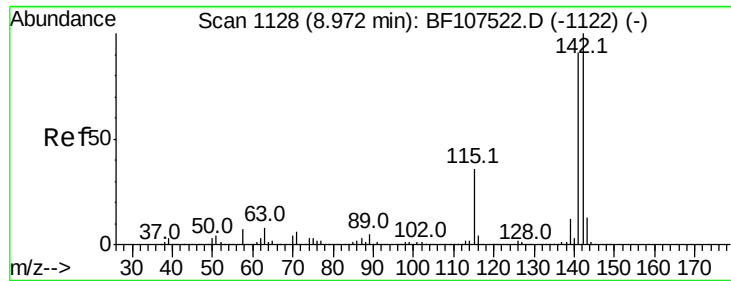
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#36
 4-Chloro-3-methylphenol
 Concen: 32.501 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion:107 Resp: 313076
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 76.9 62.0 93.0





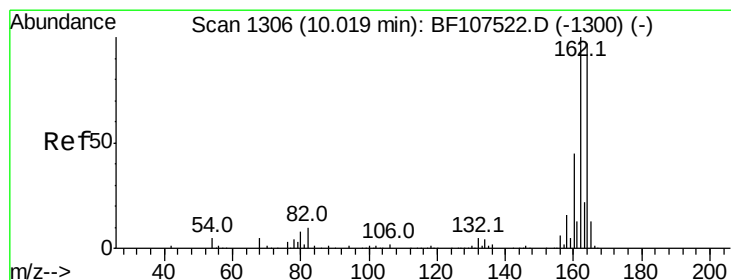
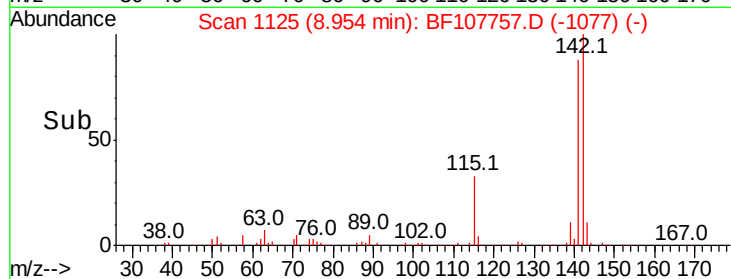
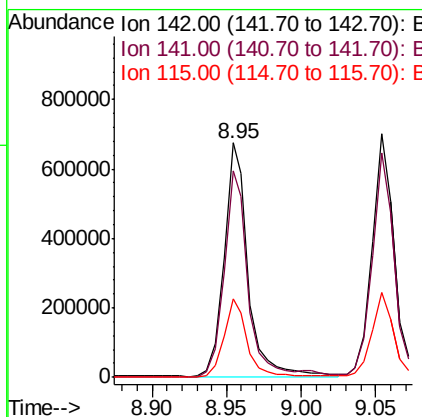
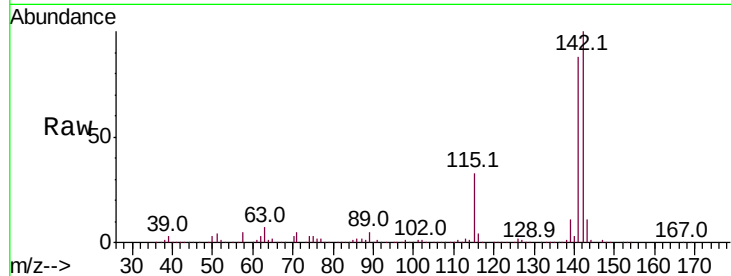
#37
 2-Methylnaphthalene
 Concen: 40.471 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	33.3	26.1	39.1

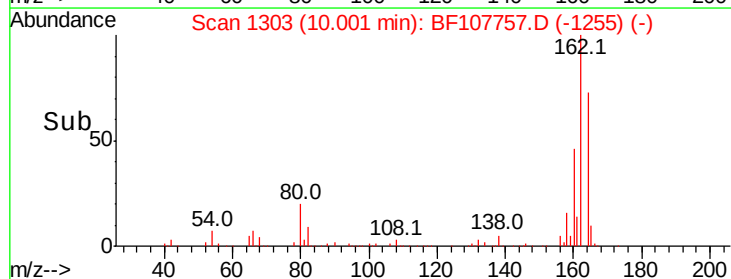
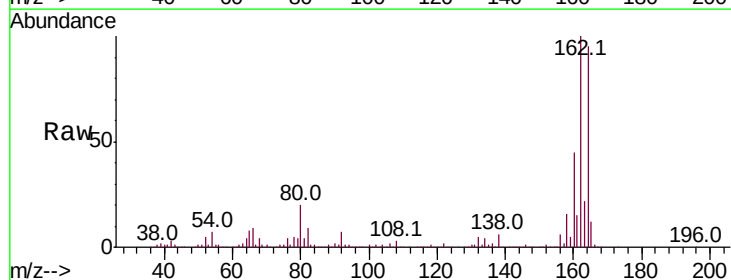
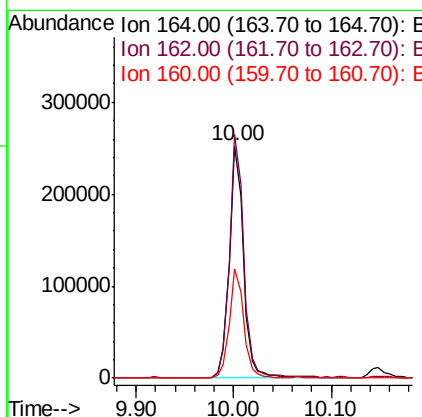
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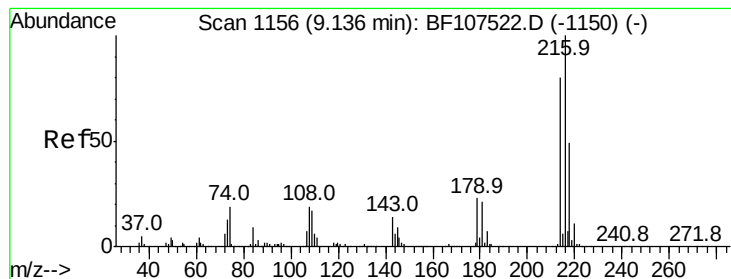
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.369 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

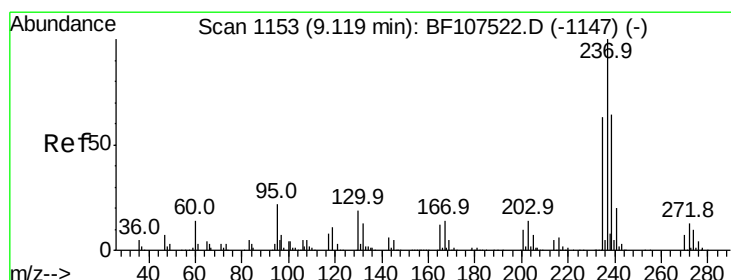
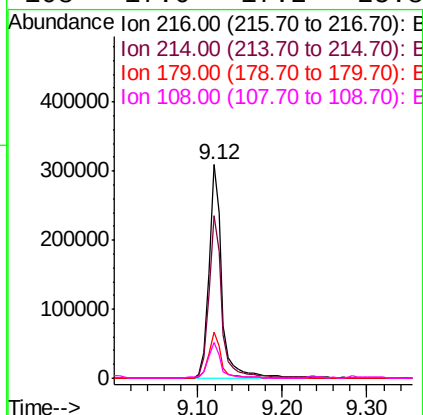
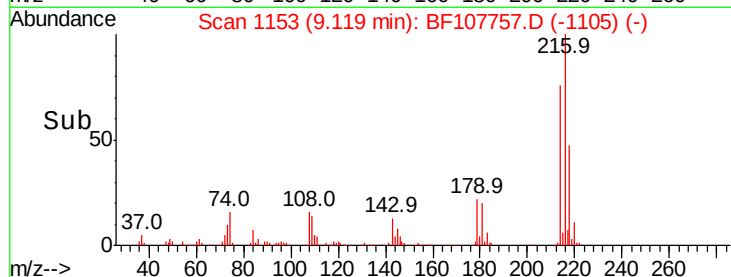
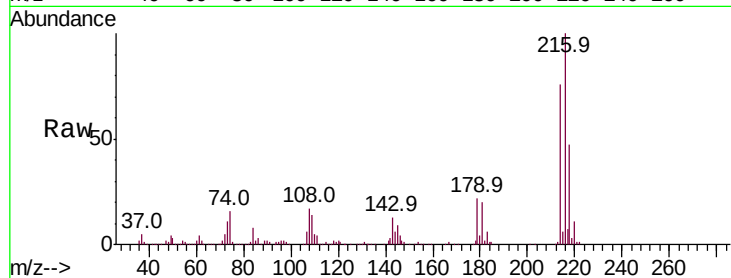
ClientSampleId :

SB-1(3-5)MSD

Tot Ion:	216	Resp:	331840
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.0	94.4
179	20.9	18.1	27.1
108	17.0	17.2	25.8#

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#40

Hexachlorocyclopentadiene

Concen: 5.817 ng

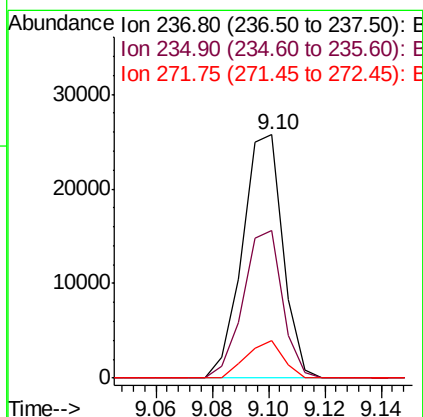
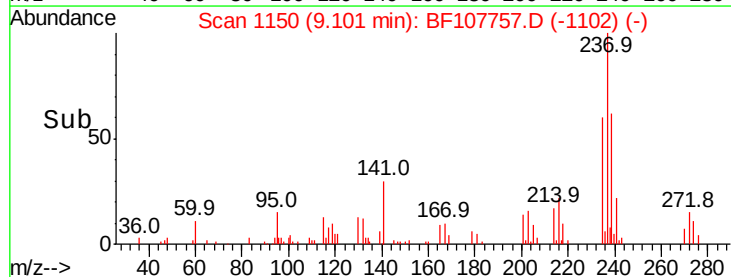
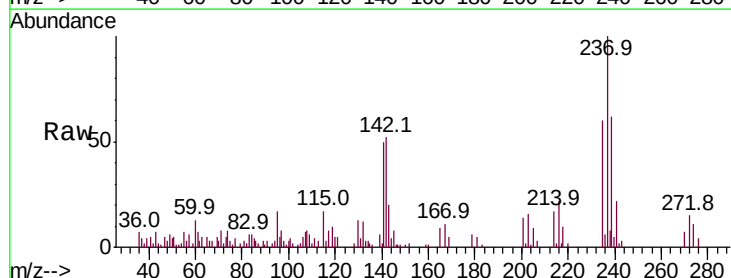
RT: 9.10 min Scan# 1150

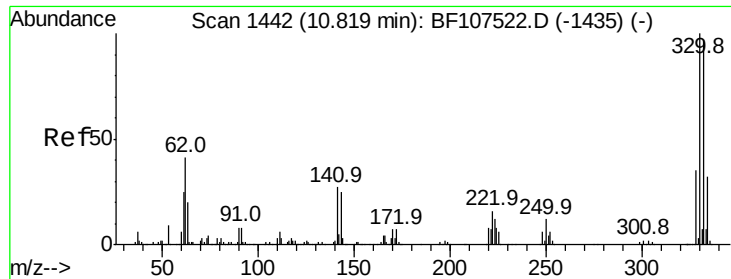
Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tgt Ion:	237	Resp:	25576
Ion Ratio	Lower	Upper	
237	100		
235	60.4	44.8	84.8
272	15.3	0.0	33.3





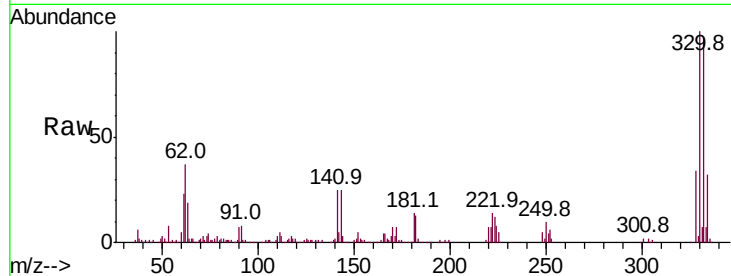
#41
 2,4,6-Tribromophenol
 Concen: 107.454 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

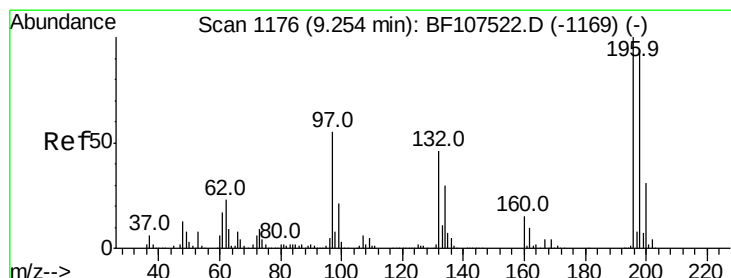
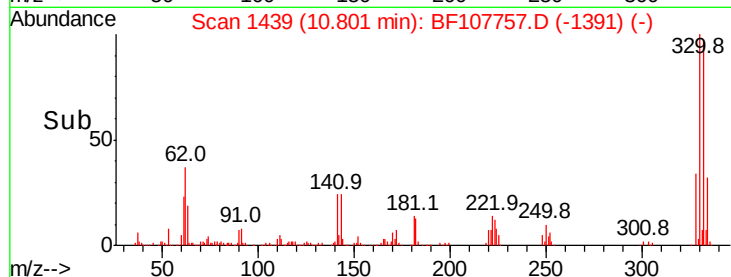
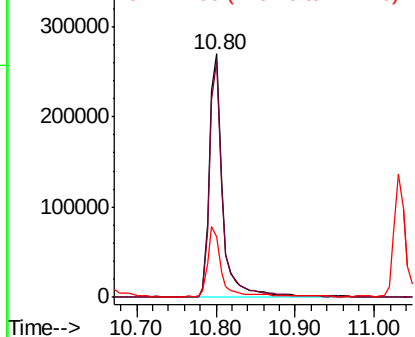
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.0	115.6	
141	28.0	29.9	44.9	

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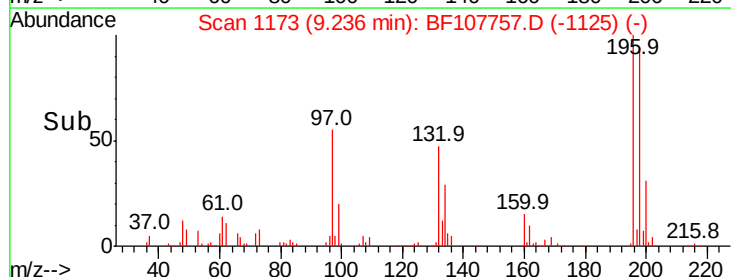
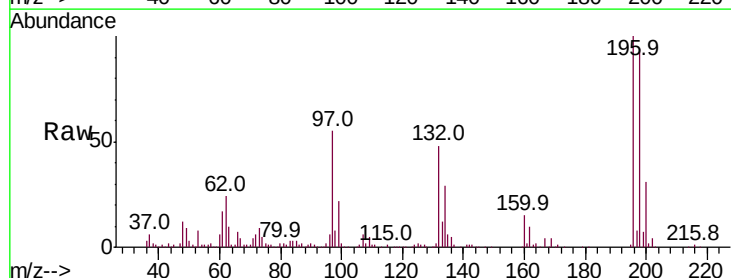
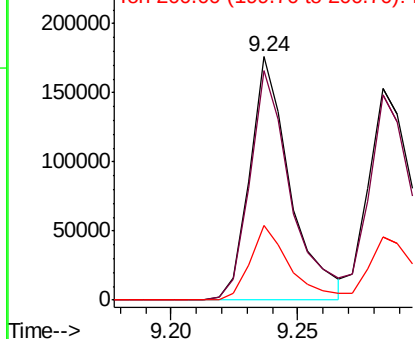
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

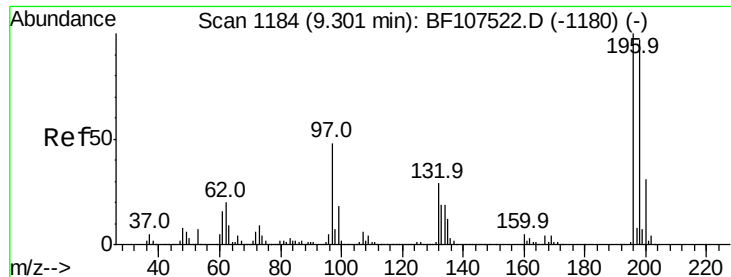


#42
 2,4,6-Trichlorophenol
 Concen: 35.417 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.4	75.7	113.5	
200	30.6	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: 38.751 ng

RT: 9.28 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

ClientSampleId :

SB-1(3-5)MSD

Tot Ion:196 Resp: 224202

Ion Ratio Lower Upper

196 100

198 97.0 74.6 112.0

97 50.6 42.9 64.3

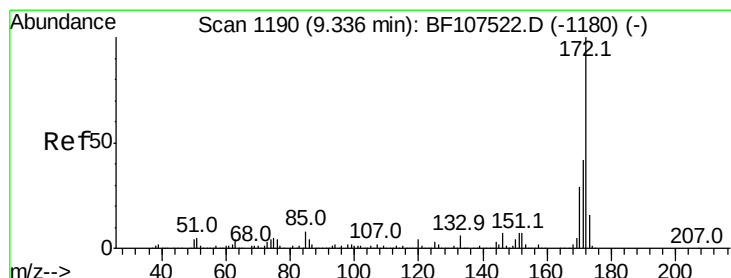
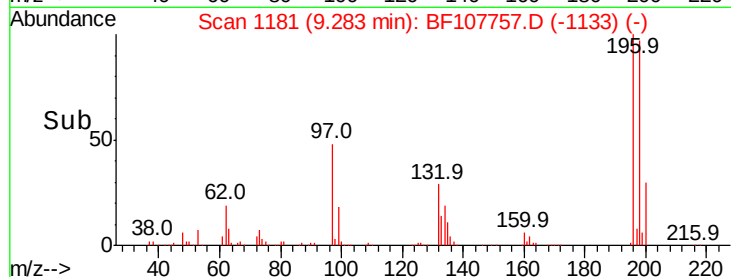
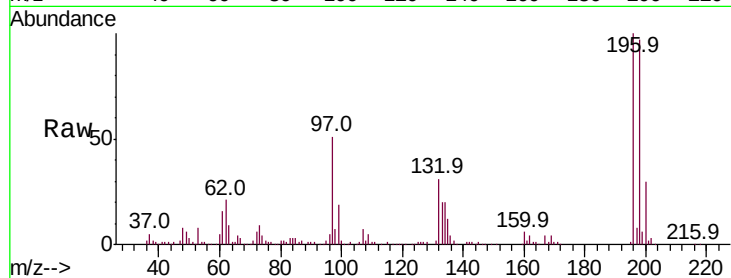
132 31.0 26.3 39.5

Manual Integrations

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#44

2-Fluorobiphenyl

Concen: 93.850 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

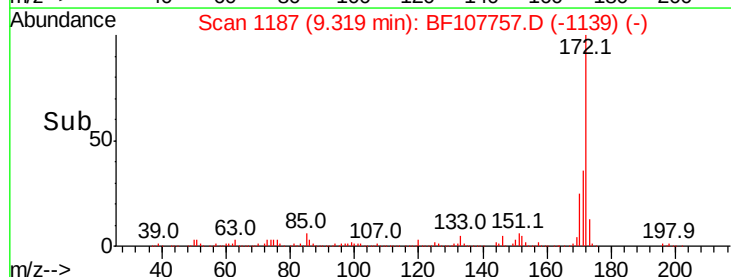
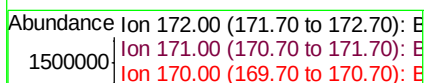
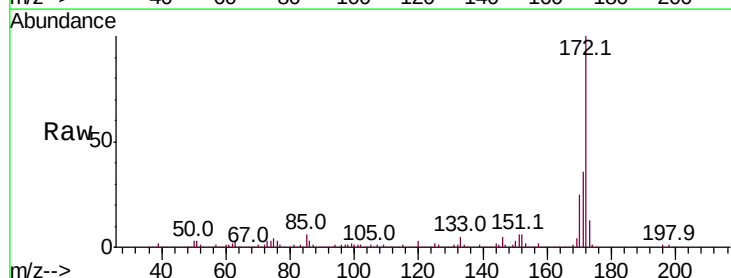
Tgt Ion:172 Resp: 1381378

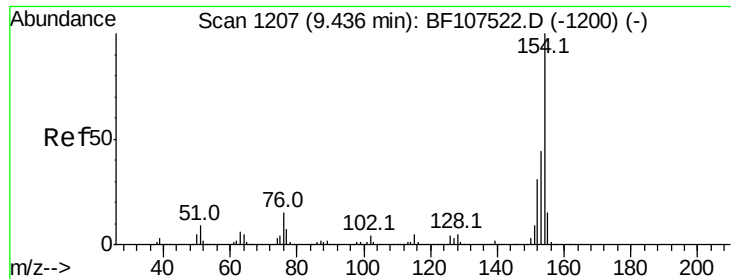
Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

170 24.5 19.6 29.4





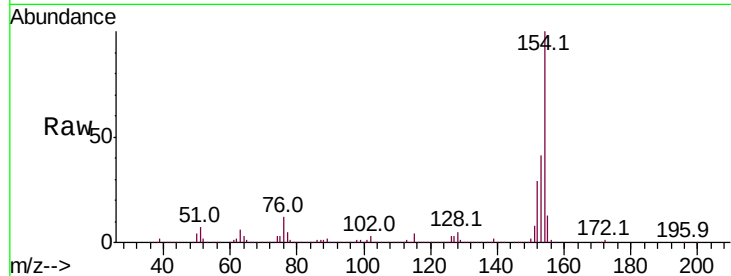
#45
 1,1'-Biphenyl
 Concen: 39.304 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.3	61.3	
76	12.1	0.0	34.0	

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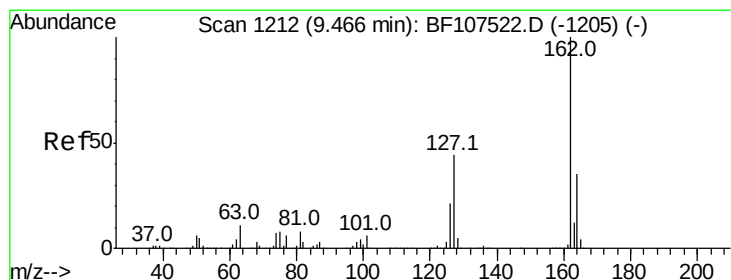
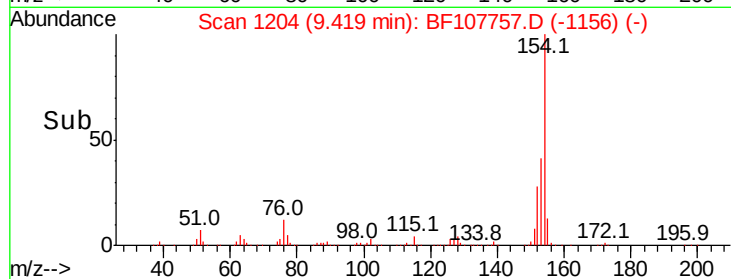
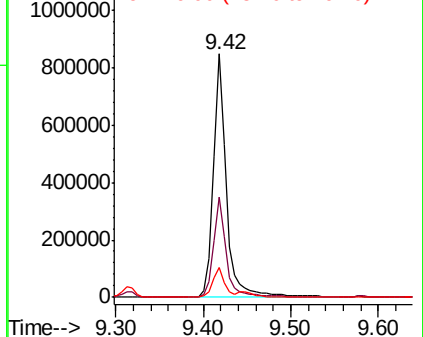


Abundance

Ion 154.00 (153.70 to 154.70): E

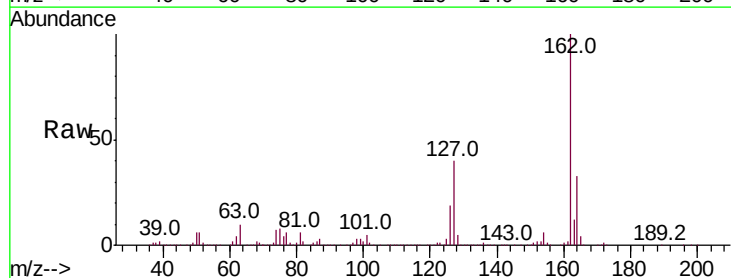
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 36.646 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.3	33.9	50.9	
164	33.3	26.5	39.7	

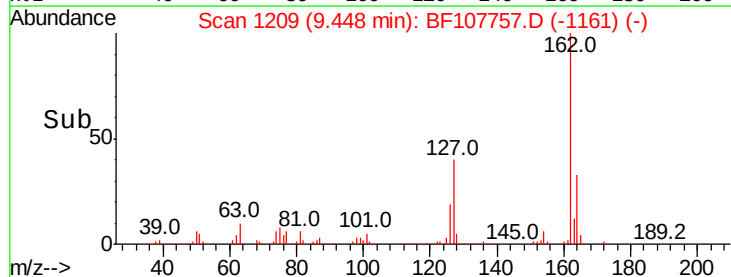
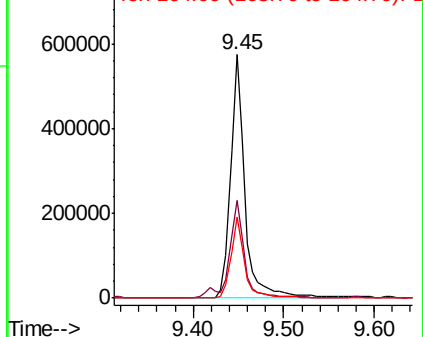


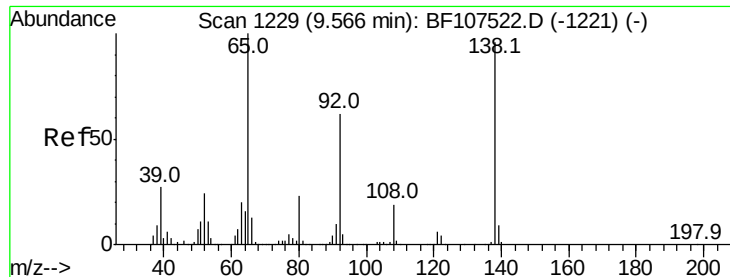
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





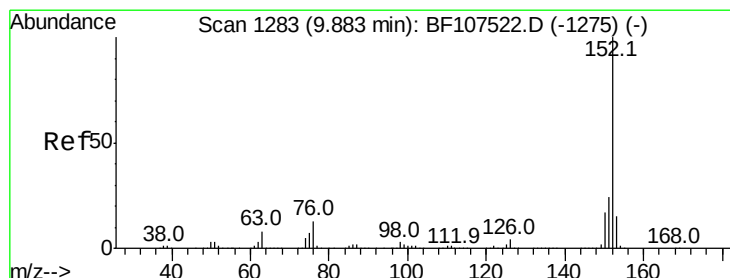
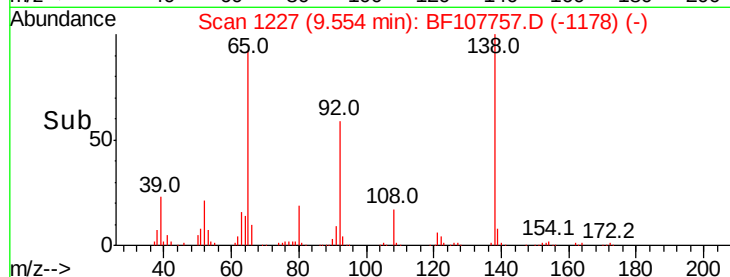
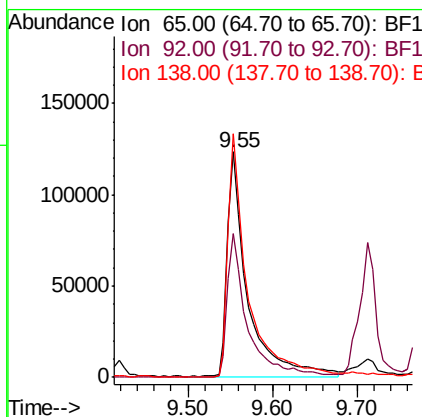
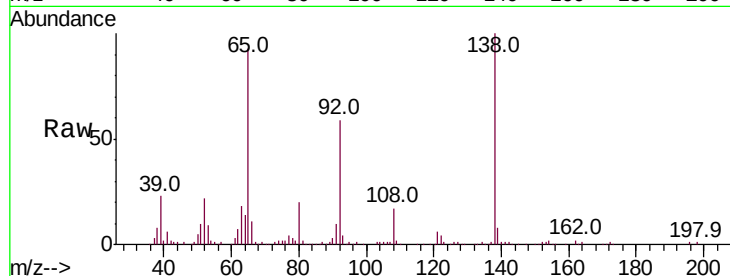
#47
2-Nitroaniline
Concen: 40.347 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	55.8	83.6
138	107.9	91.2	136.8

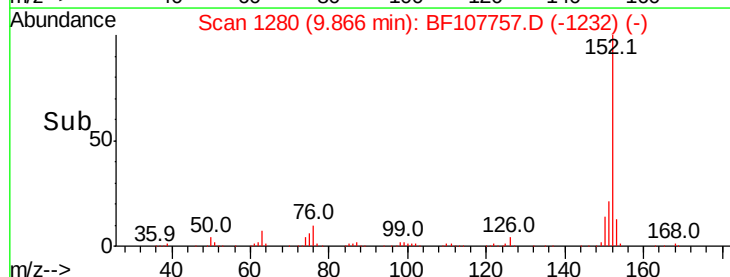
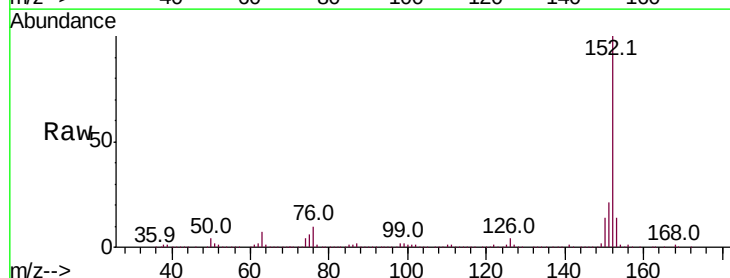
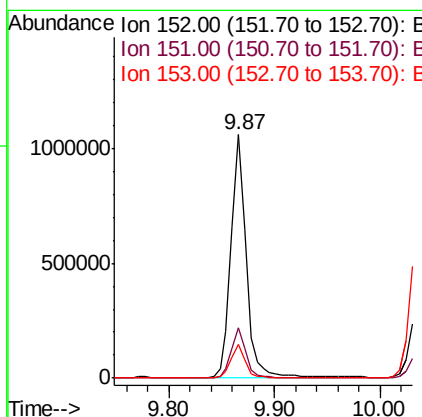
Manual Integrations
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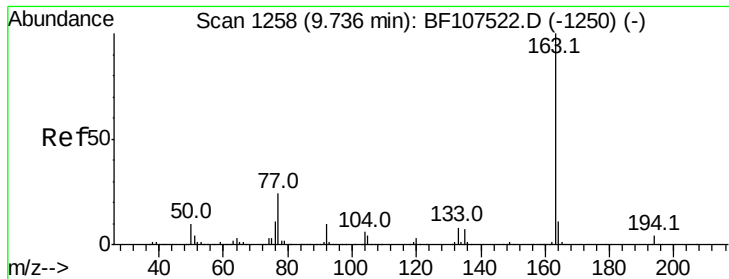
Sohil
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#48
Acenaphthylene
Concen: 41.021 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.7	10.7	16.1





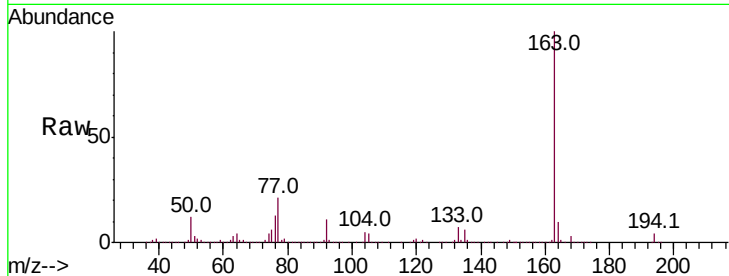
#49
Dimethylphthalate
Concen: 41.226 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	805653		
194	3.7		2.7	4.1
164	10.1		8.2	12.2

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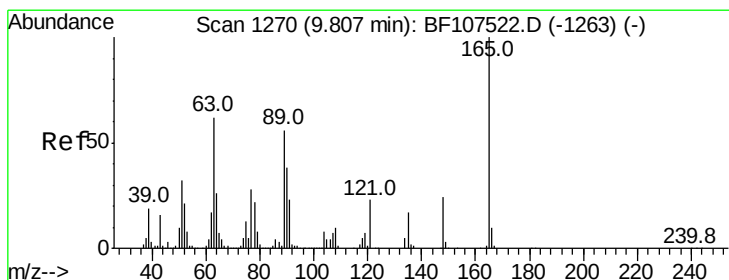
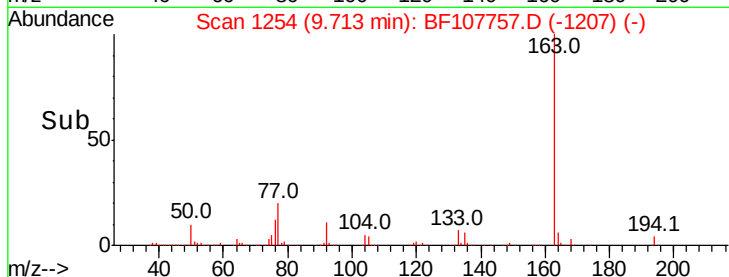
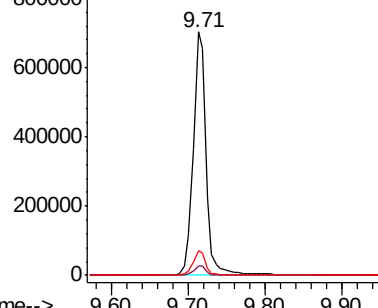


Abundance

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: 37.781 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

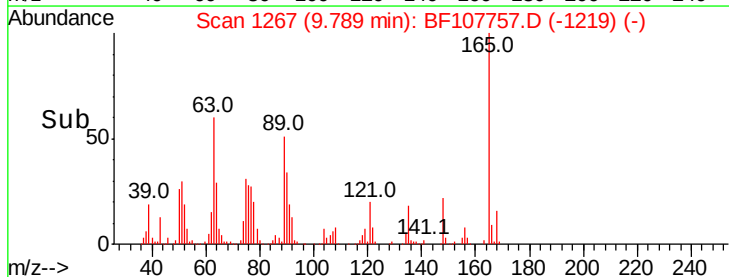
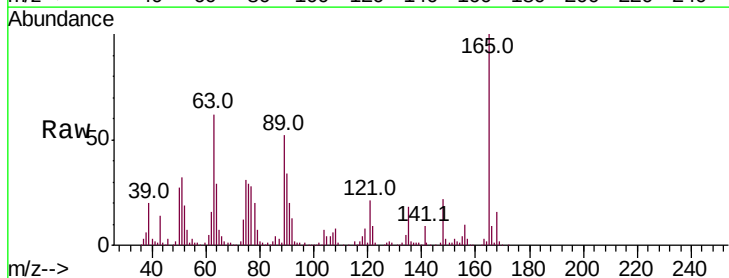
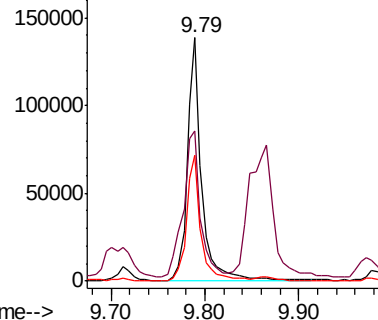
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146589		
63	61.5		44.7	67.1
89	51.6		44.0	66.0

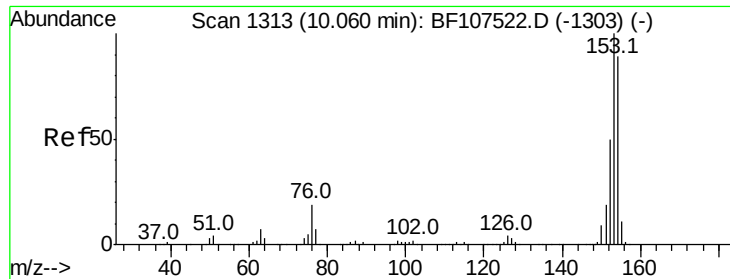
Abundance

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: 51.325 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

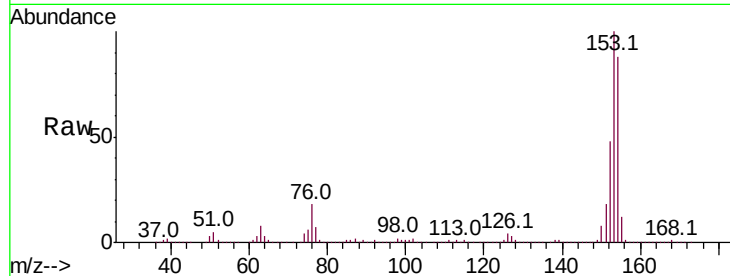
ClientSampleId :

SB-1(3-5)MSD

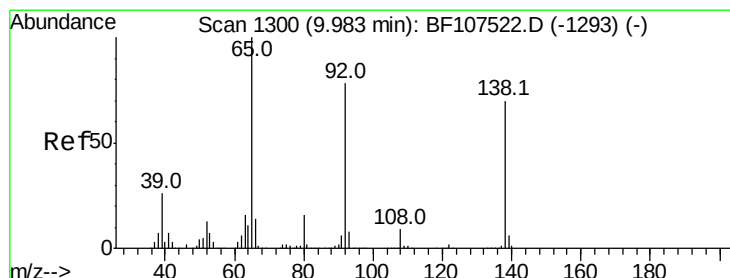
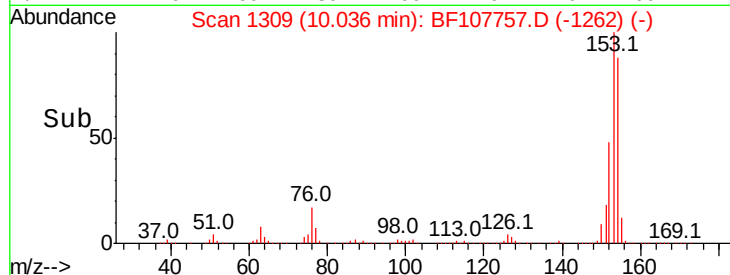
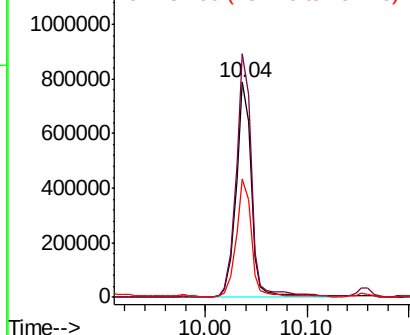
Tot Ion:	154	Resp:	834056
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	54.8	43.8	65.8

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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: 27.531 ng

RT: 9.97 min Scan# 1298

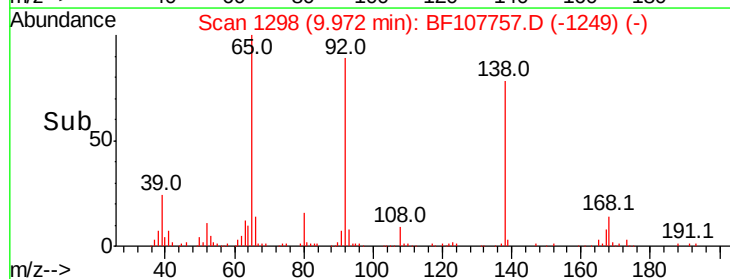
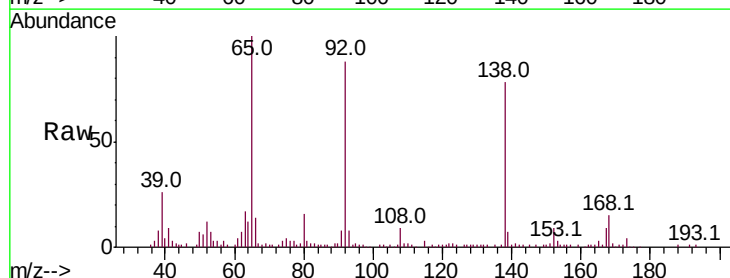
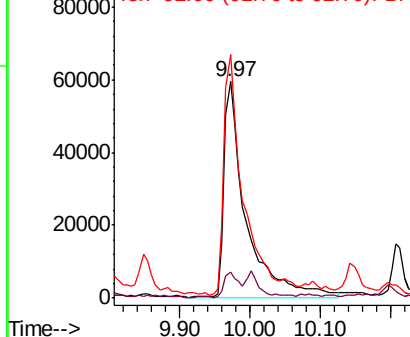
Delta R.T. -0.01 min

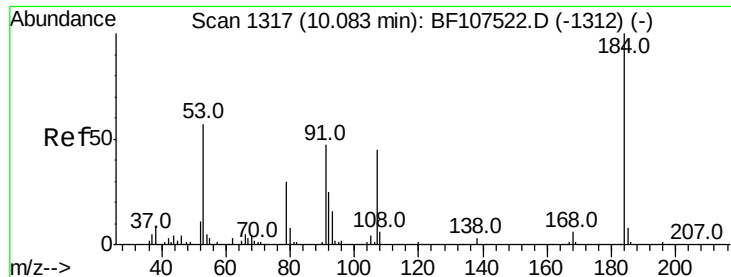
Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tgt Ion:	138	Resp:	129949
Ion Ratio	Lower	Upper	
138	100		
108	11.8	9.4	14.0
92	112.4	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





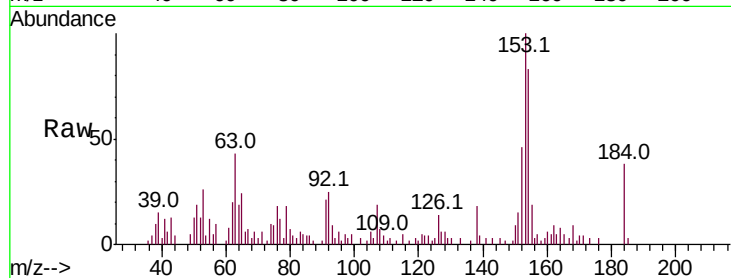
#53
2,4-Dinitrophenol
Concen: 21.071 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	110.7	54.2	81.2#
154	215.5	184.0	276.0

Manual Integrations
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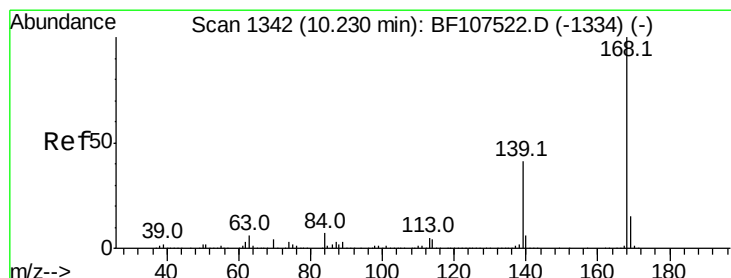
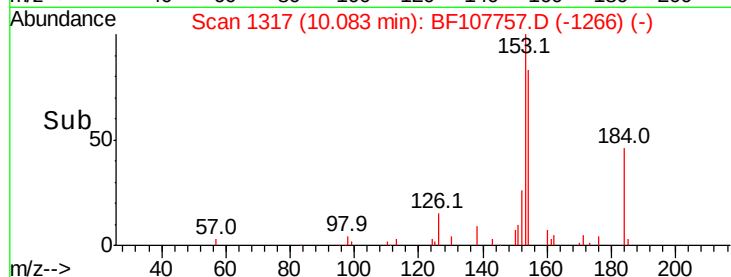
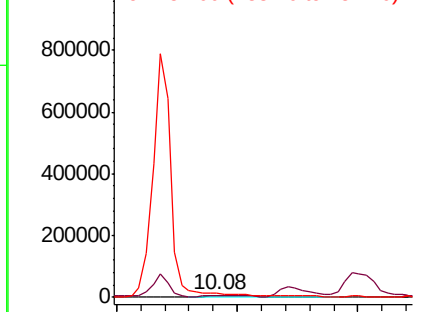


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 40.998 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

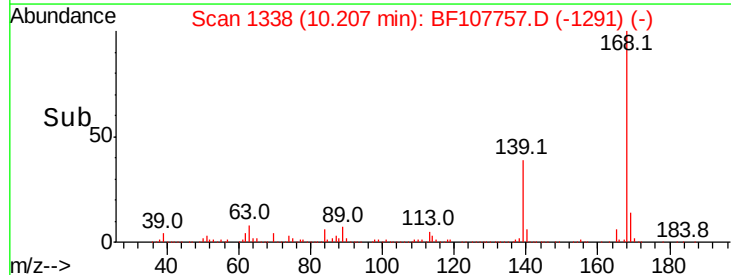
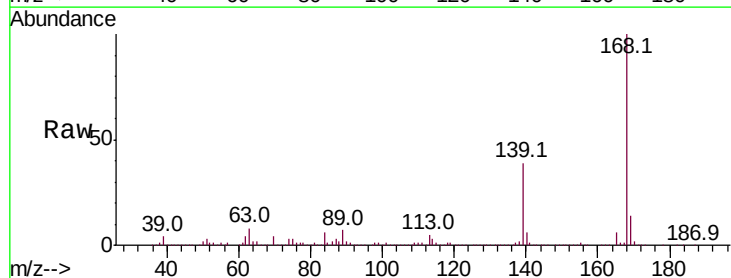
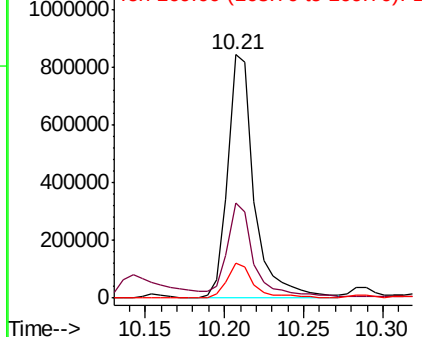
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	14.2	10.9	16.3

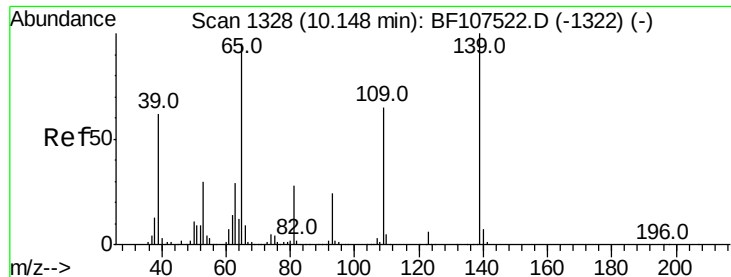
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





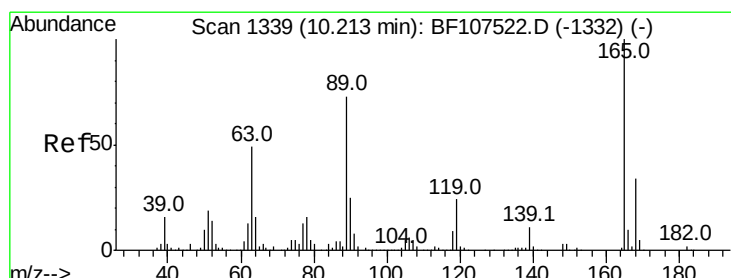
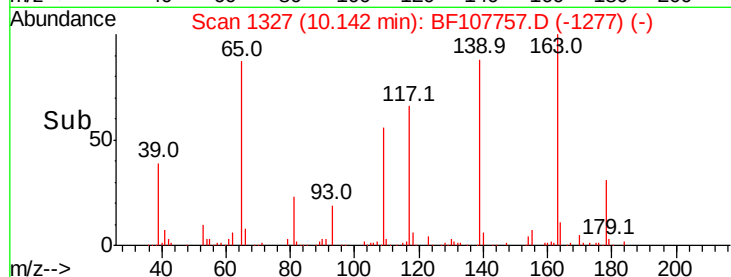
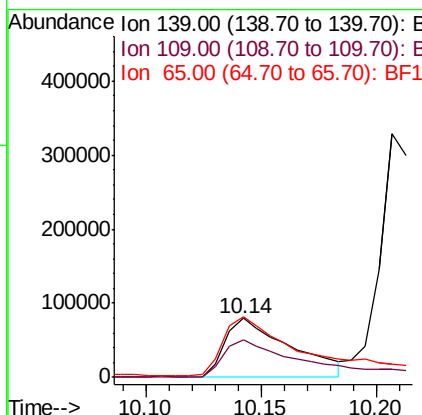
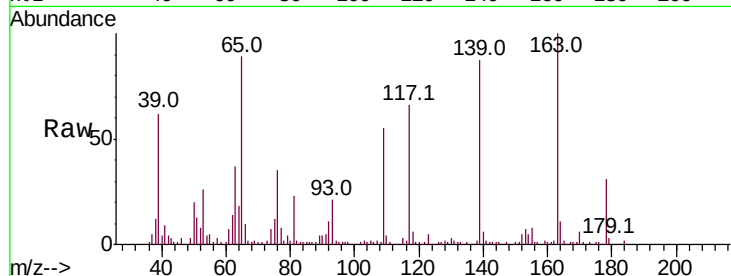
#55
4-Nitrophenol
Concen: 43.377 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.0	48.4	88.4
65	103.2	72.6	112.6

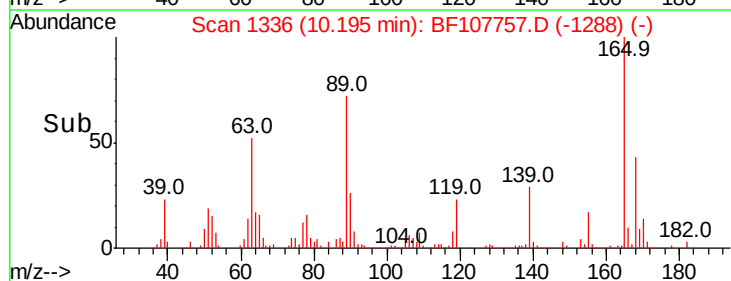
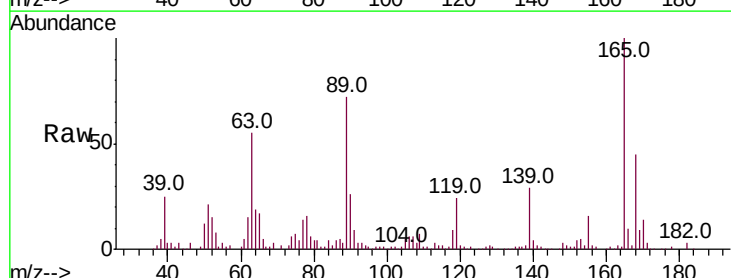
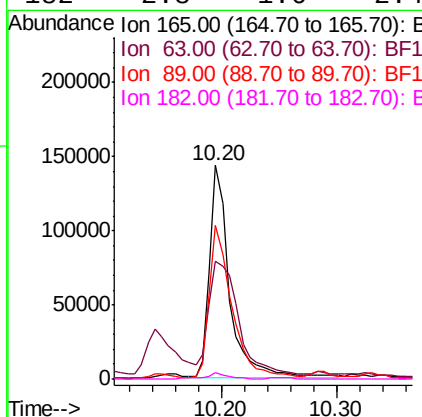
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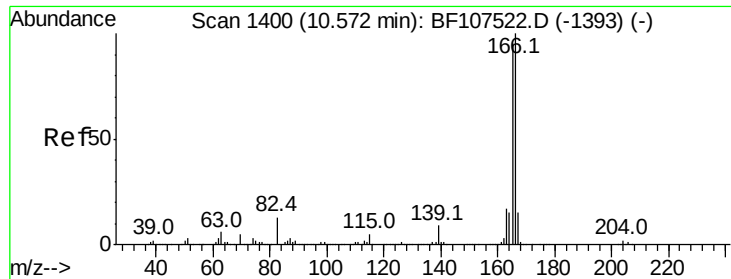
Sohil
7/30/2018 2:03:01 PM



#56
2,4-Dinitrotoluene
Concen: 37.882 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.0	36.4	54.6#
89	71.8	57.8	86.6
182	2.8	1.6	2.4#





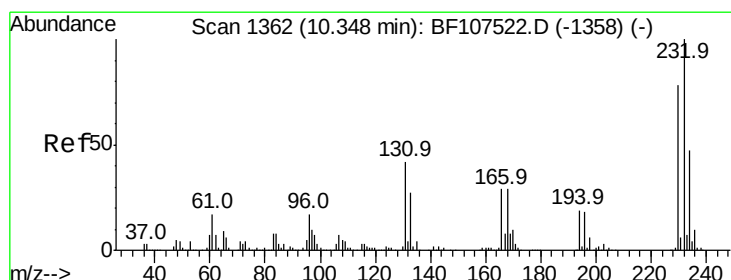
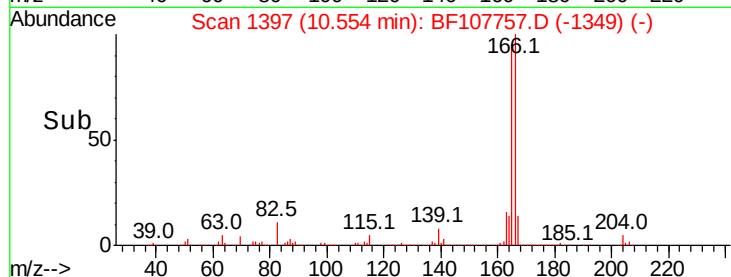
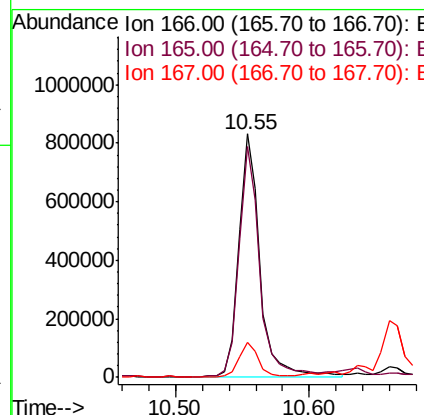
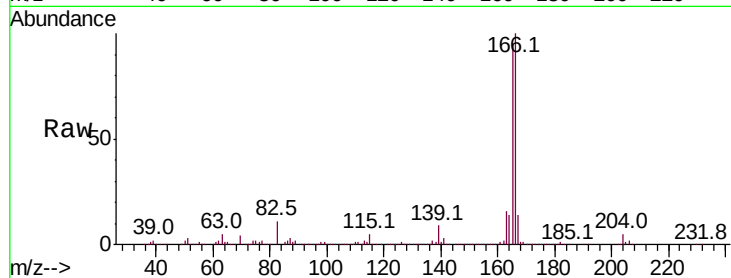
#57
 Fluorene
 Concen: 53.876 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.9	79.8	119.8
167	14.1	10.6	16.0

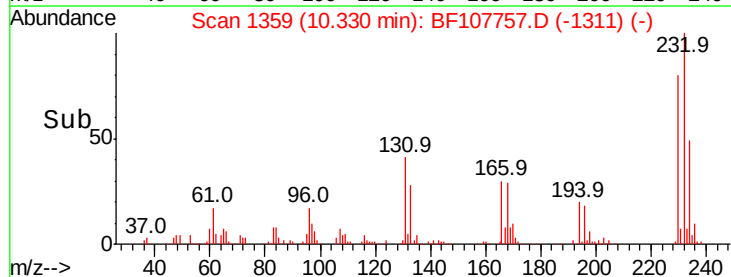
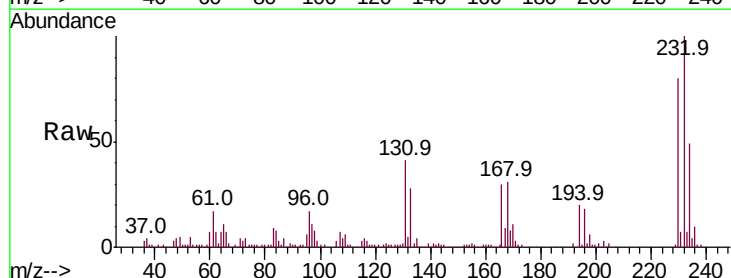
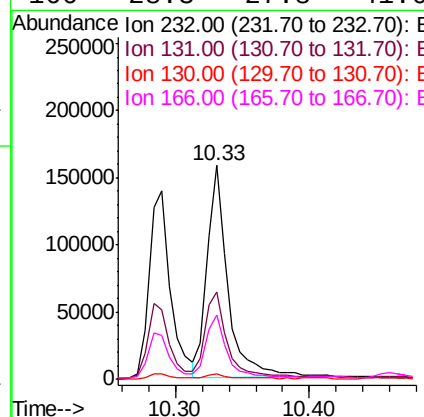
Manual Integrations
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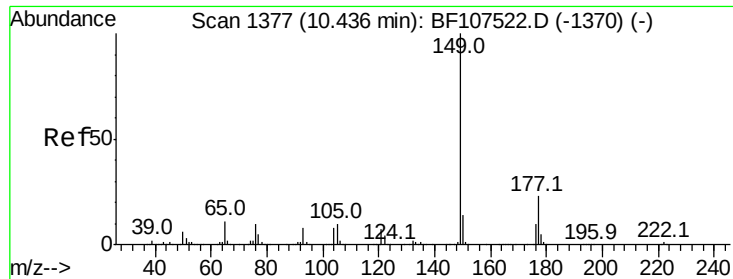
Sohil
 7/30/2018 2:03:01 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.866 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.1	43.8	65.8#
130	3.3	2.1	3.1#
166	28.3	27.8	41.6





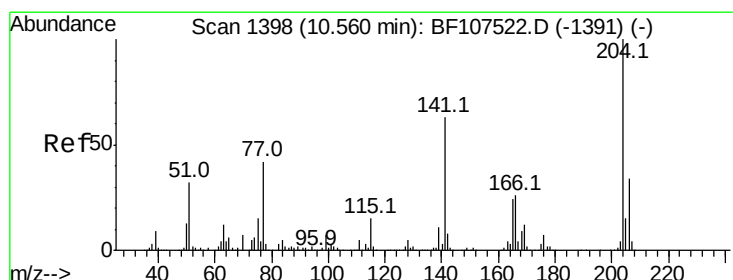
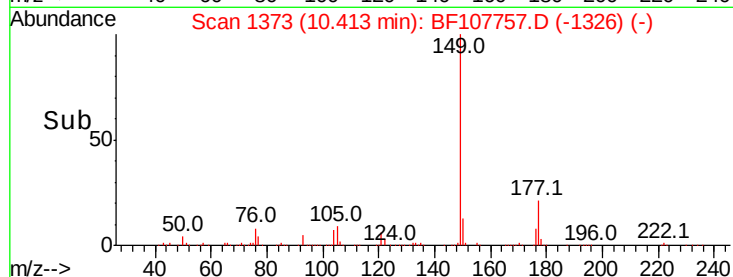
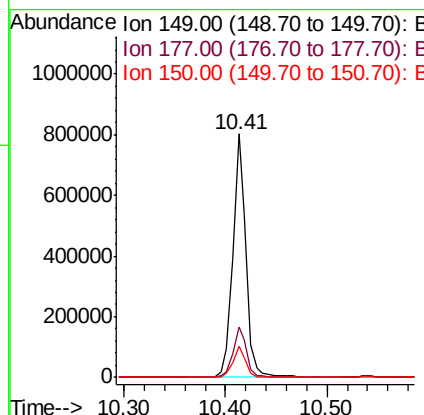
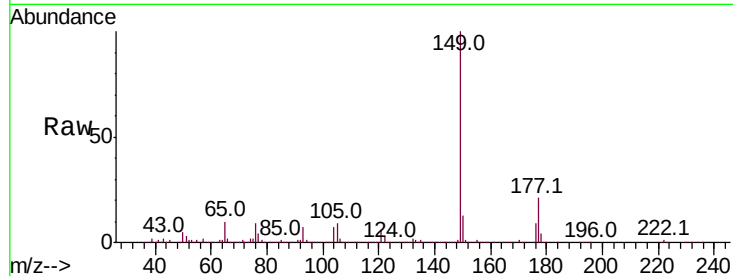
#59
Diethylphthalate
Concen: 35.437 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.6	10.1	15.1

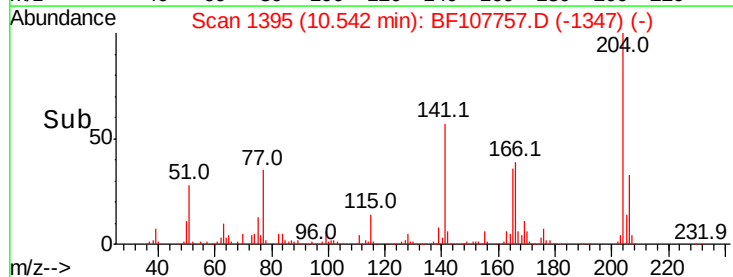
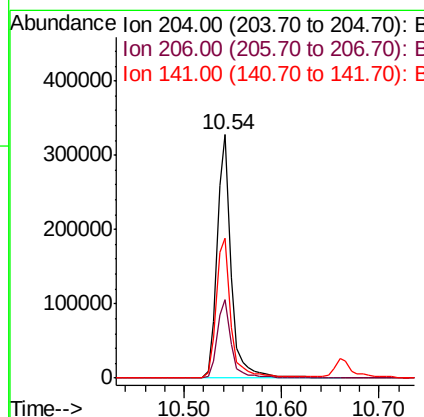
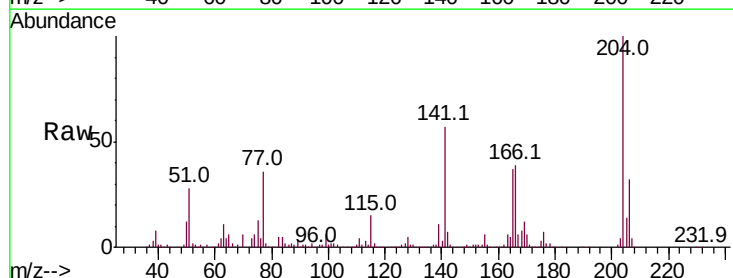
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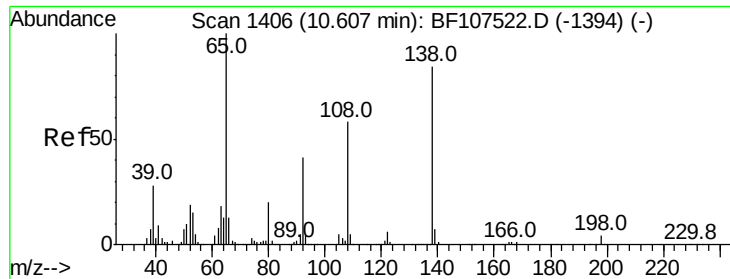
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.883 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	57.5	54.6	81.8





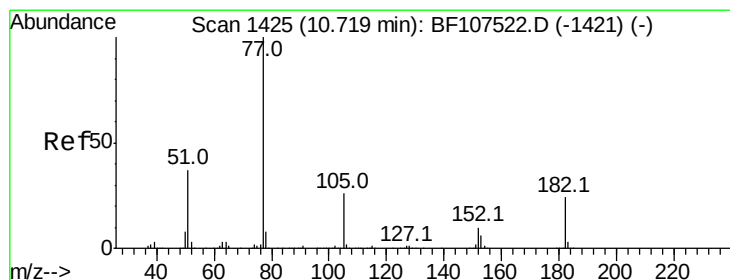
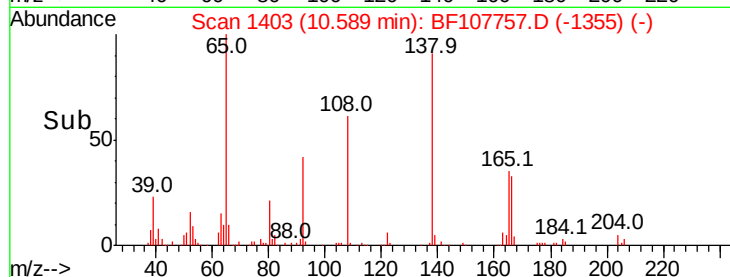
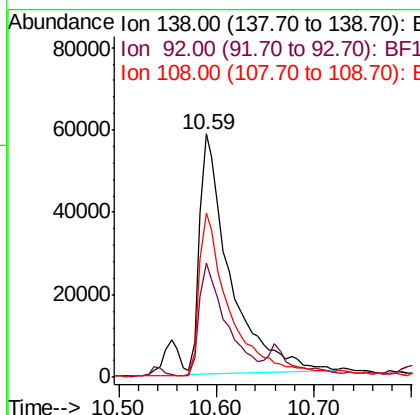
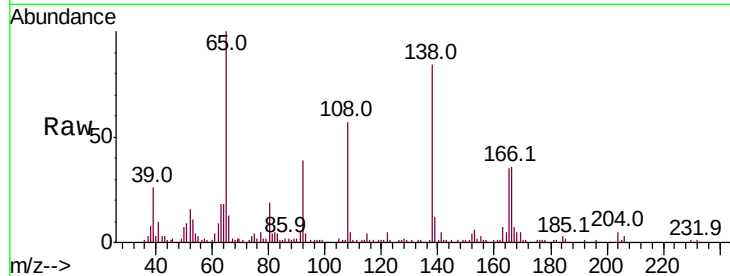
#61
4-Nitroaniline
Concen: 31.689 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.8	30.2	70.2
108	67.5	52.5	92.5

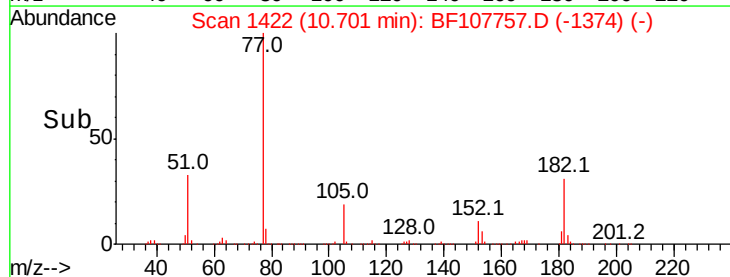
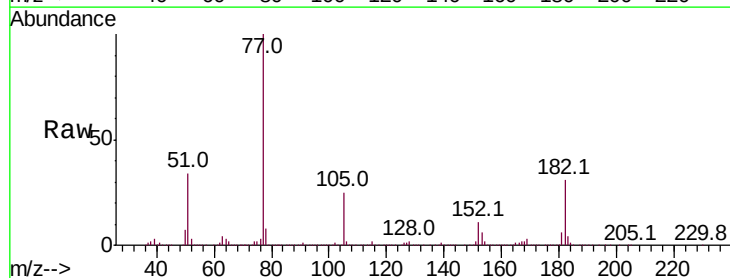
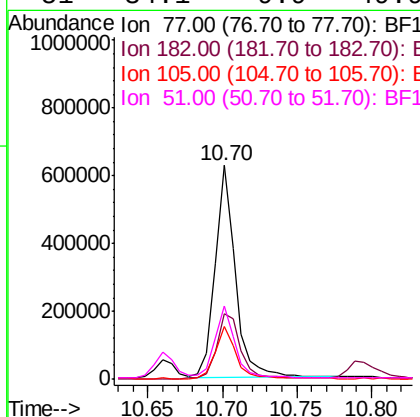
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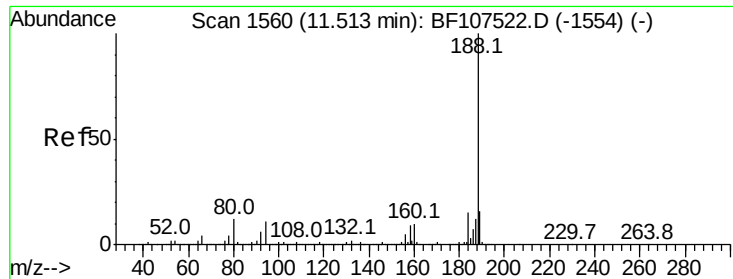
Sohil
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#62
Azobenzene
Concen: 31.014 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.6	1.7	41.7
105	24.8	3.0	43.0
51	34.1	9.9	49.9





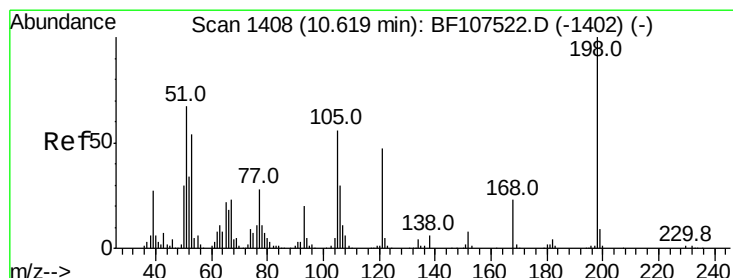
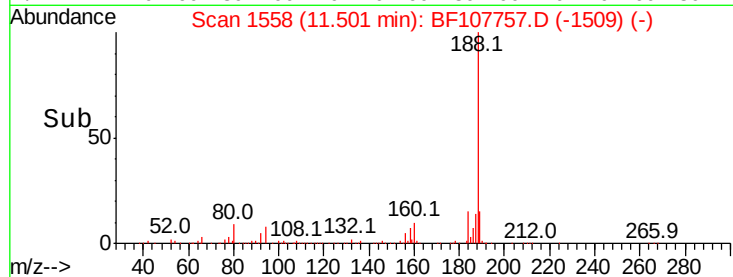
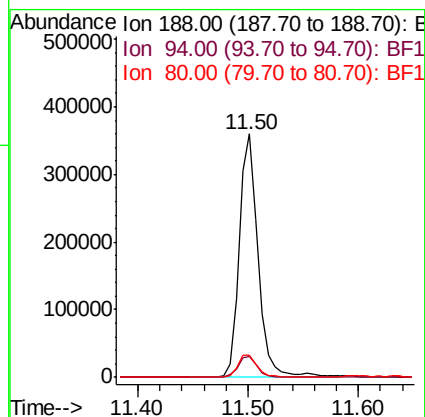
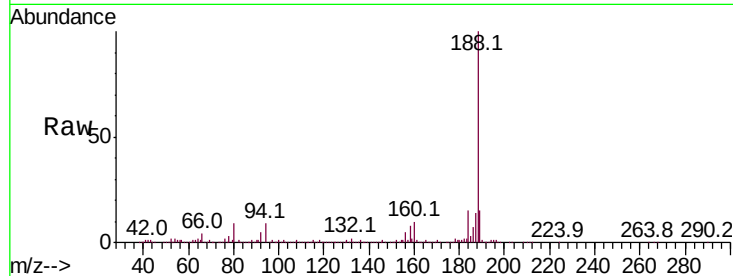
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion:	188	Resp:	430663
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.5	12.7
80	9.3	9.2	13.8

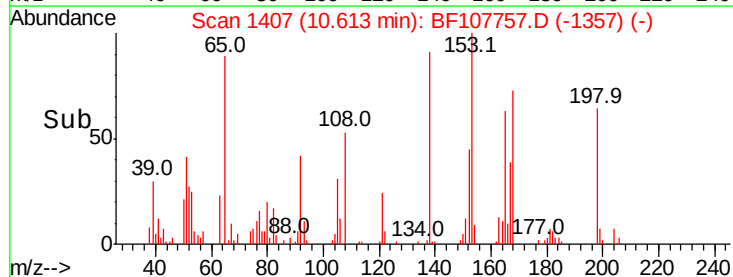
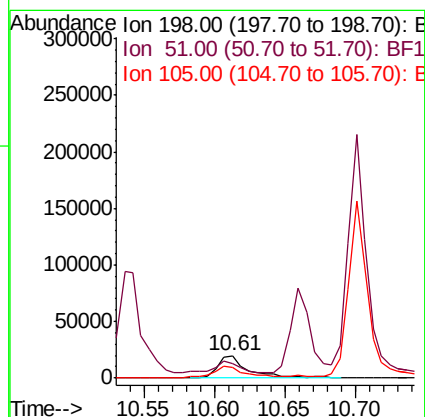
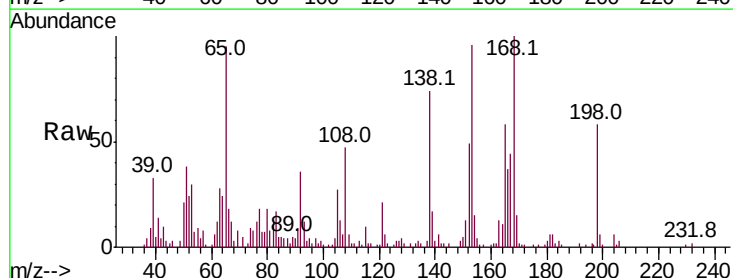
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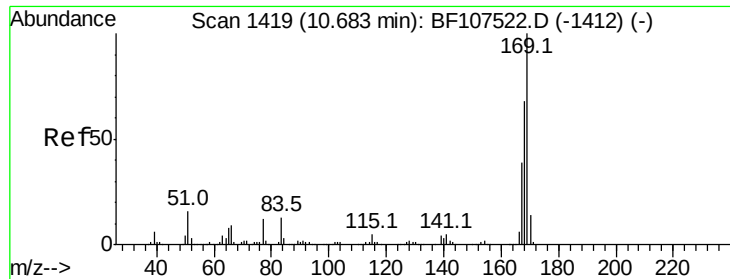
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.739 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion:	198	Resp:	30605
Ion Ratio	Lower	Upper	
198	100		
51	66.3	37.7	77.7
105	47.3	36.3	76.3





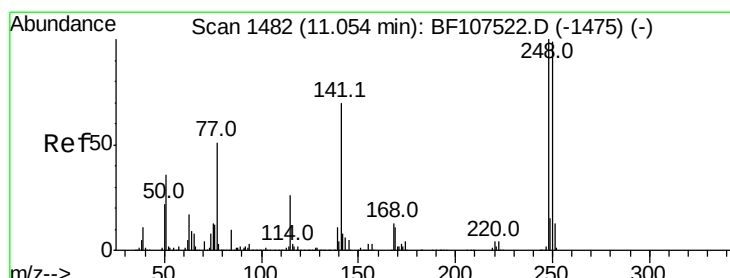
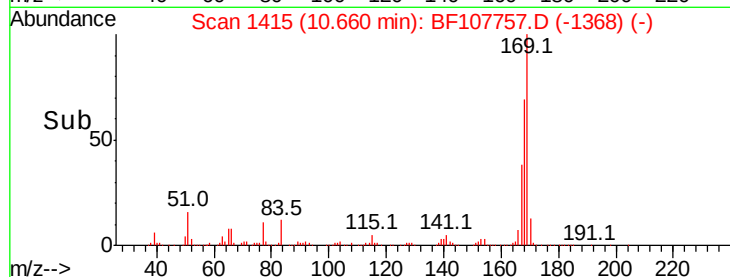
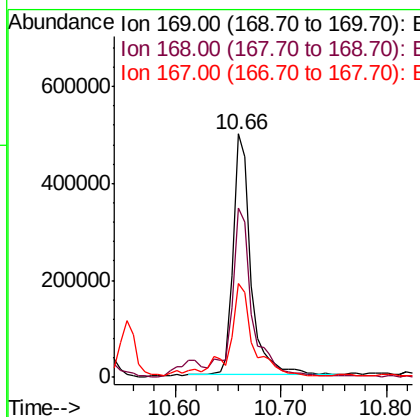
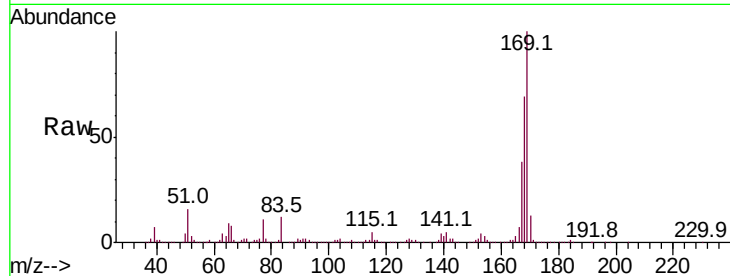
#65
 n-Nitrosodiphenylamine
 Concen: 38.837 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	568046		
168	69.4		54.4	81.6
167	38.4		29.8	44.6

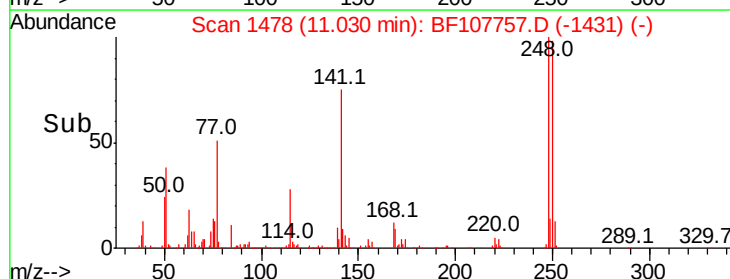
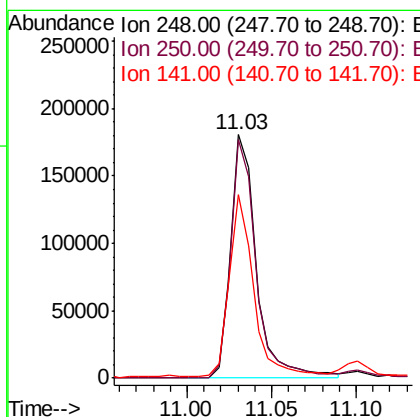
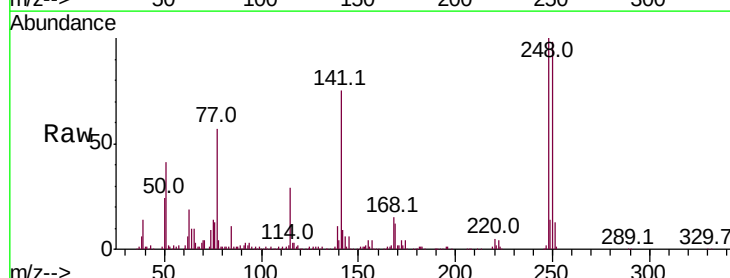
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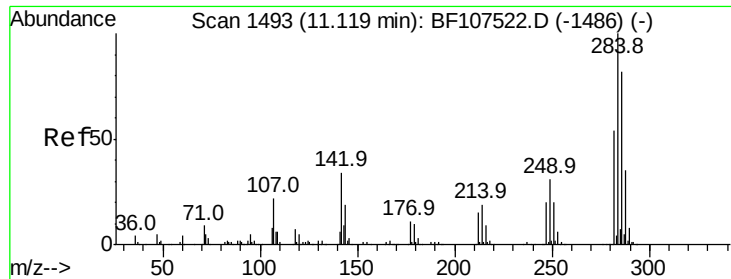
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#66
 4-Bromophenyl-phenylether
 Concen: 37.615 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	190692		
250	97.8		76.9	115.3
141	75.5		74.4	111.6





#67

Hexachlorobenzene

Concen: 34.097 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

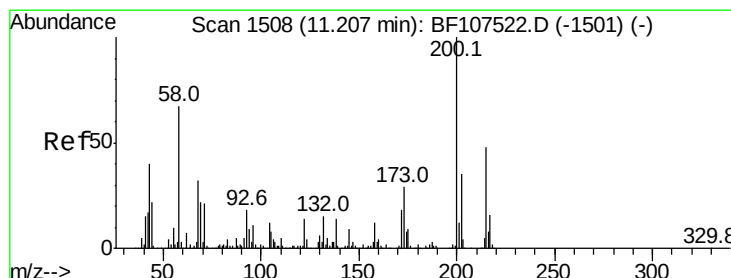
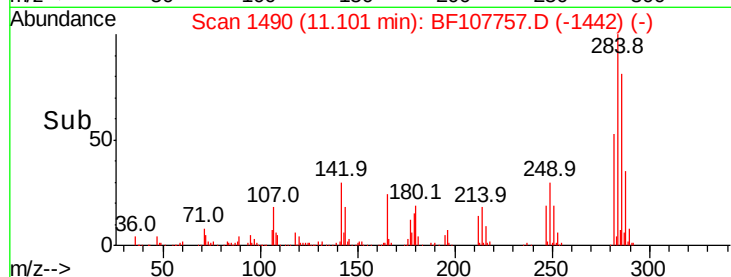
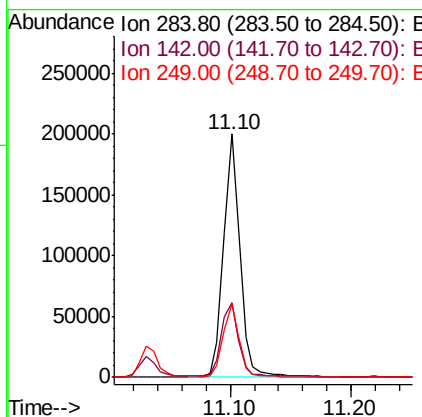
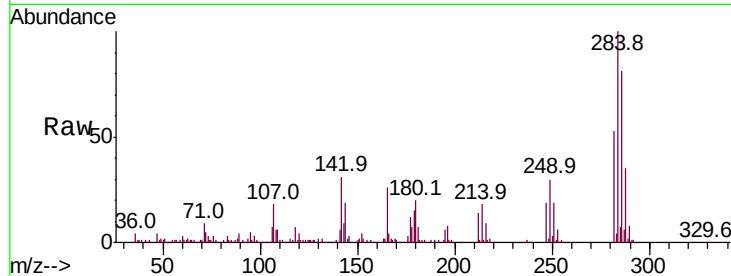
ClientSampleId :

SB-1(3-5)MSD

Tot Ion:	284	Resp:	190199
Ion Ratio	Lower	Upper	
284	100		
142	30.8	34.6	52.0#
249	30.1	24.8	37.2

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#68

Atrazine

Concen: 36.293 ng

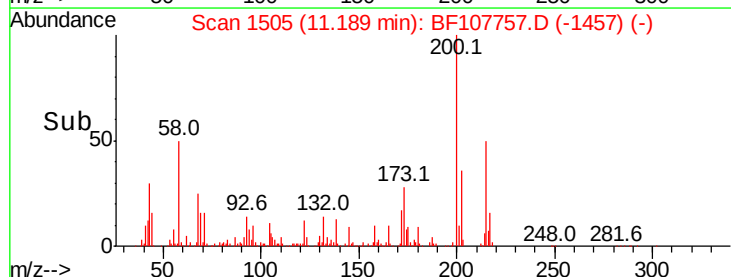
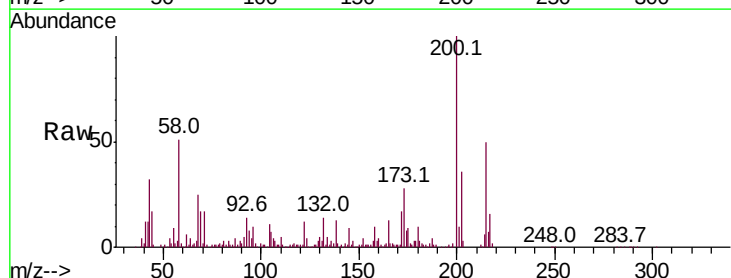
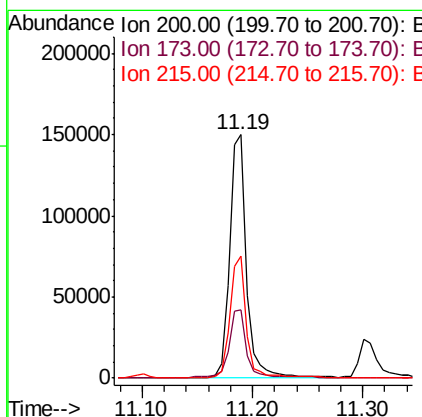
RT: 11.19 min Scan# 1505

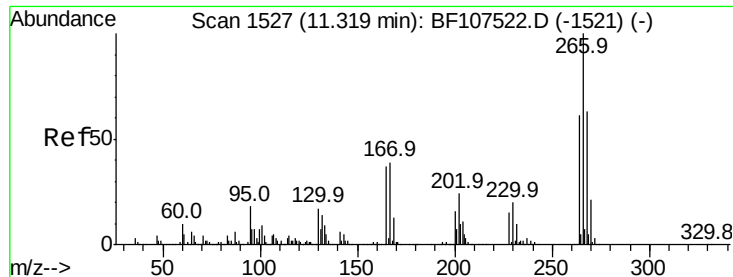
Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tgt Ion:	200	Resp:	162075
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.6	48.6
215	50.3	25.1	65.1





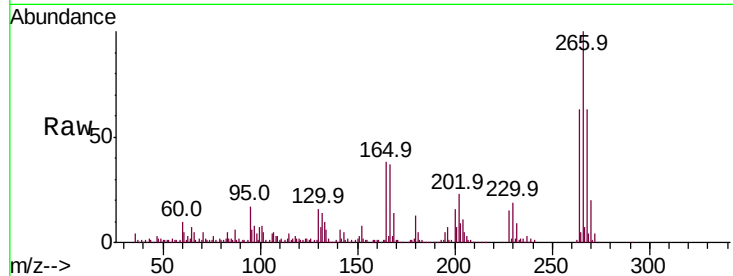
#69
 Pentachlorophenol
 Concen: 51.614 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	179835		
268	62.5	51.1	76.7	
264	63.5	49.5	74.3	

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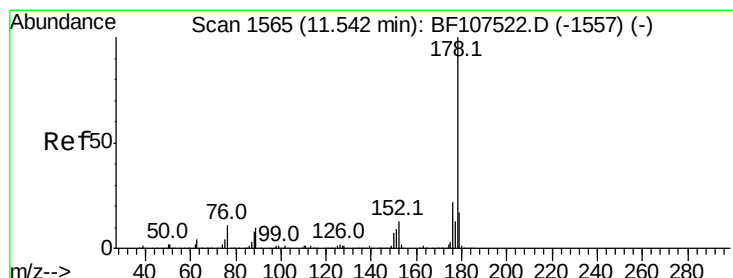
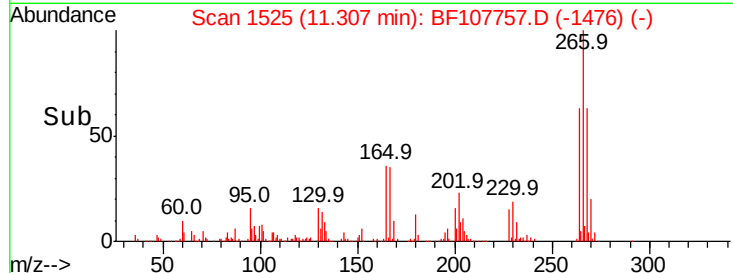
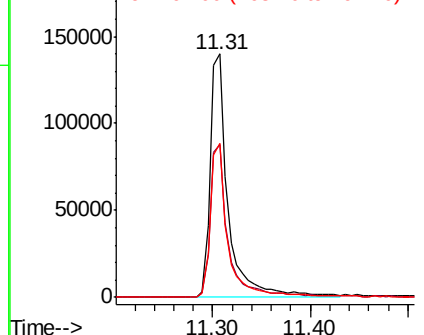


Abundance

Ion 265.70 (265.40 to 266.40): E

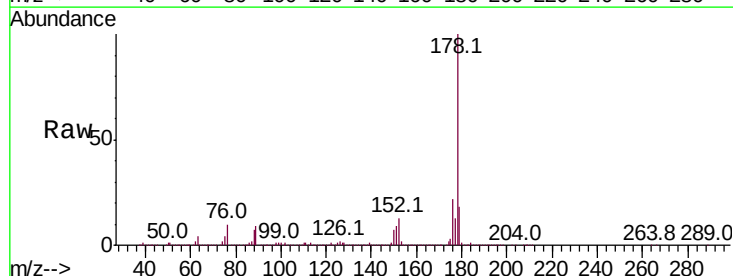
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 133.980 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2811750		
176	21.7	15.8	23.8	
179	17.6	13.0	19.6	

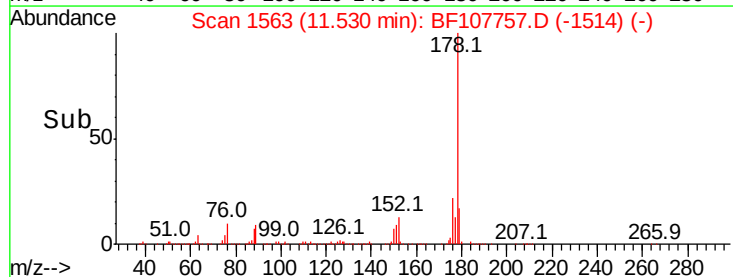
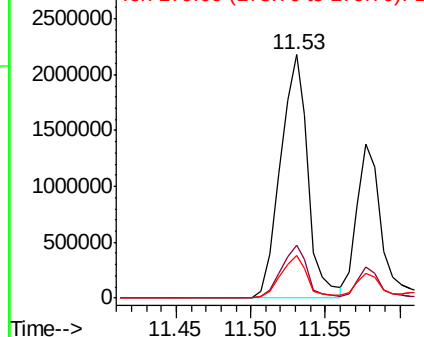


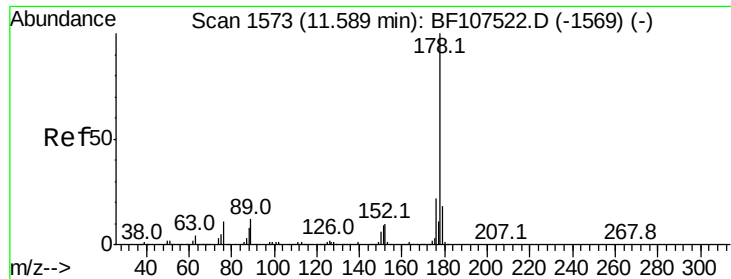
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





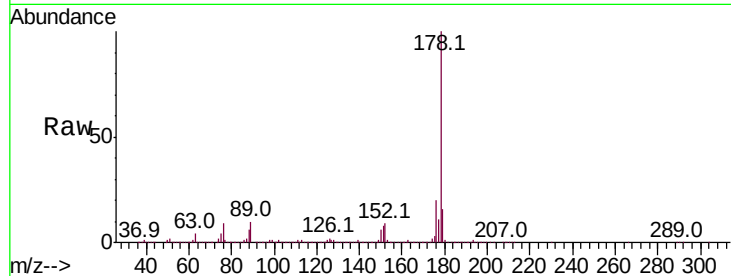
#71
 Anthracene
 Concen: 78.176 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.3	12.6	19.0

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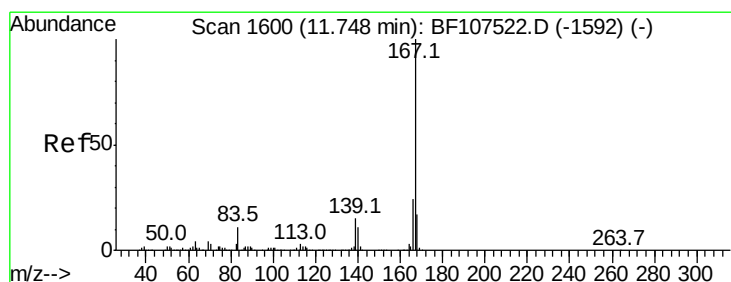
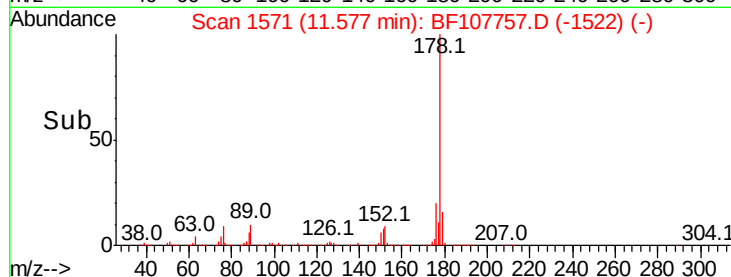
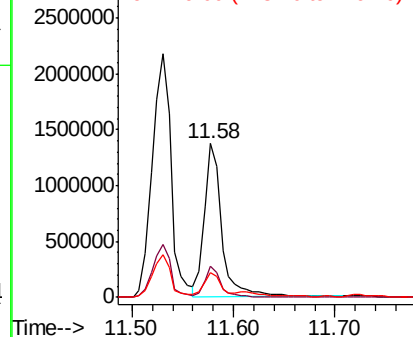


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 43.437 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

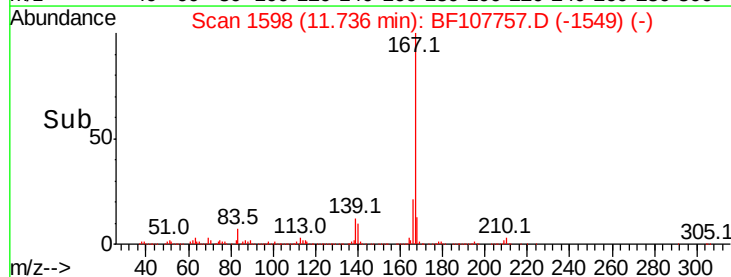
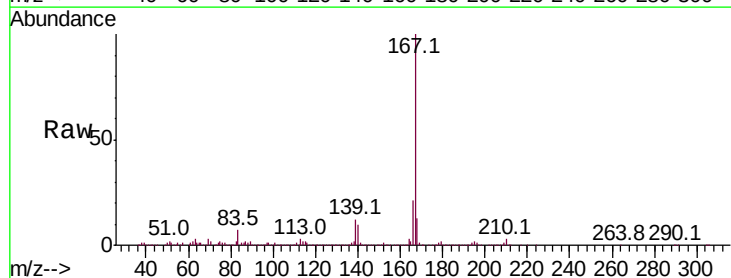
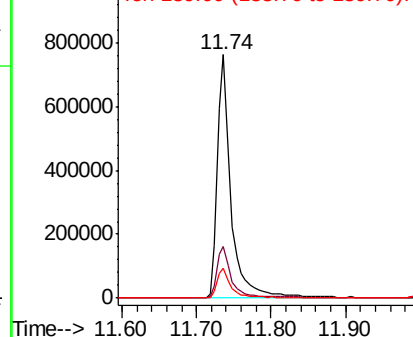
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.5	10.9	16.3

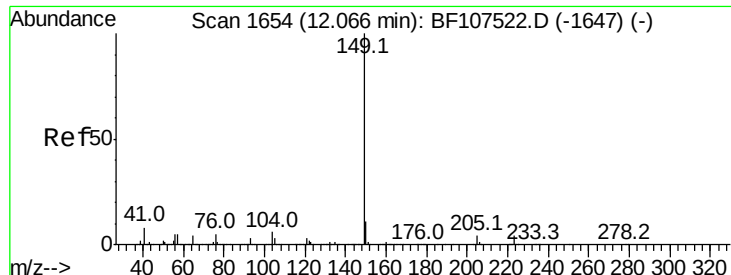
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.294 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Instrument :

BNA_F

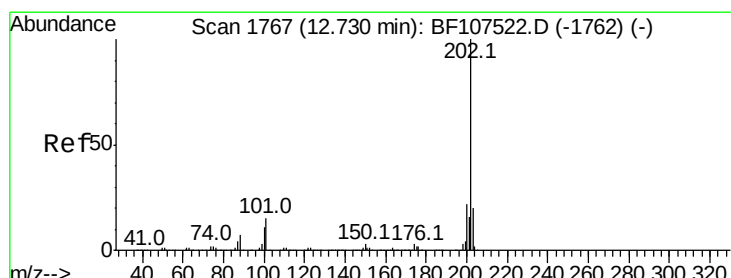
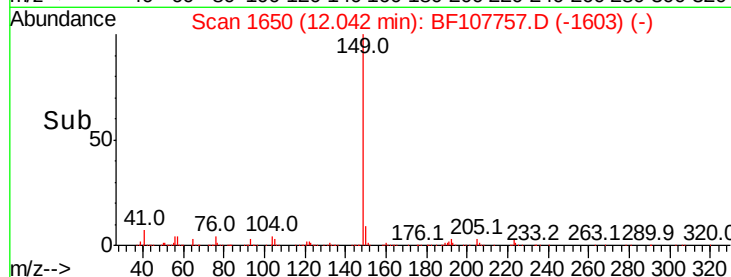
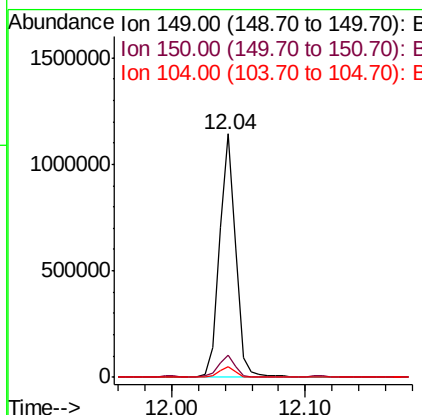
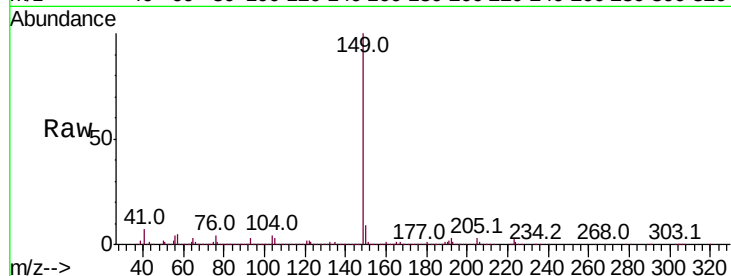
ClientSampleId :

SB-1(3-5)MSD

Tot Ion:	149	Resp:	973300
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 186.373 ng

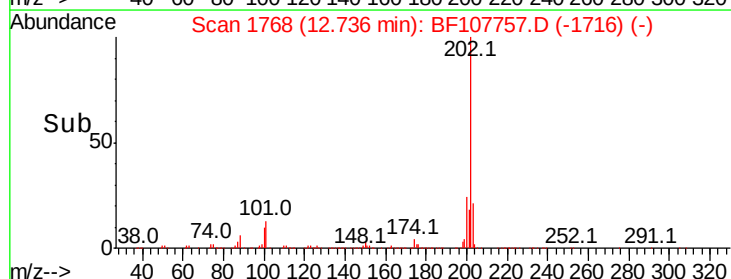
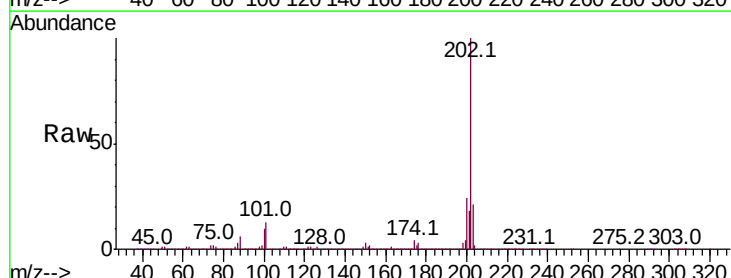
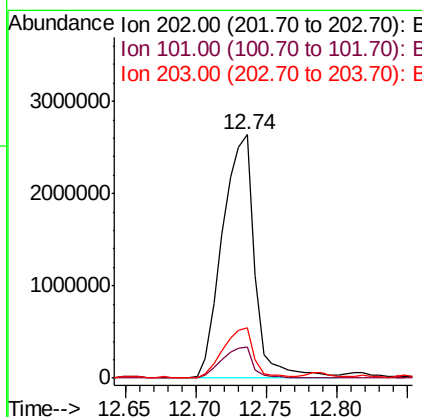
RT: 12.74 min Scan# 1768

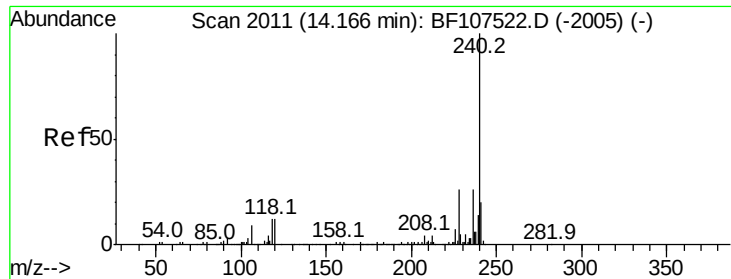
Delta R.T. 0.01 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tgt Ion:	202	Resp:	4197100
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	20.8	0.0	38.1





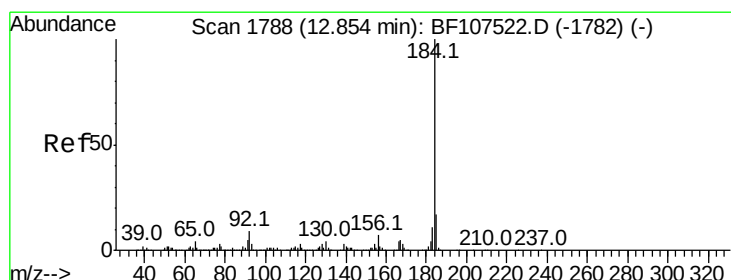
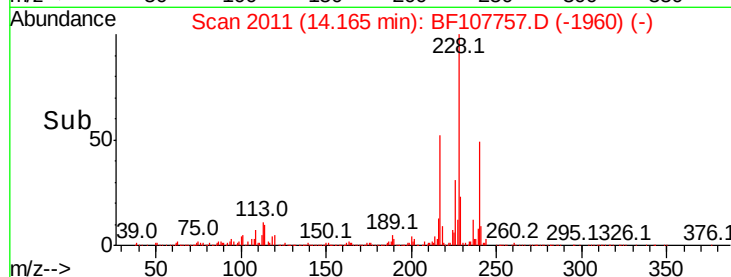
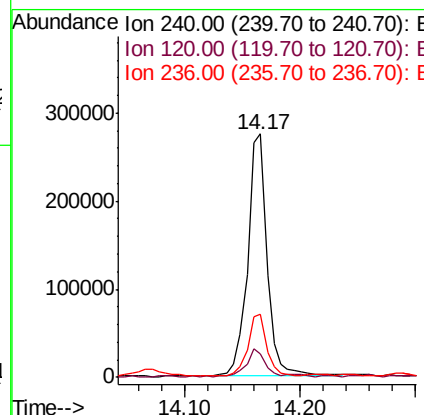
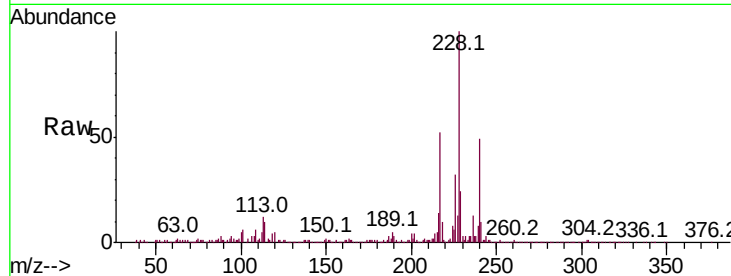
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.0	20.7	31.1

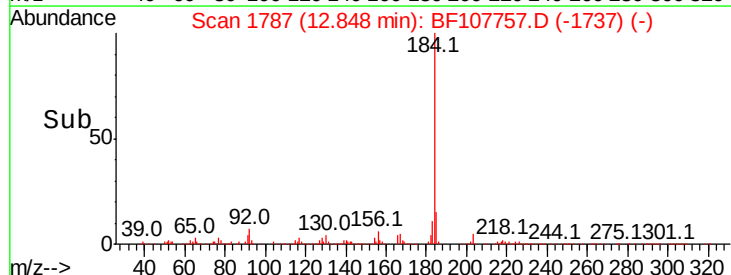
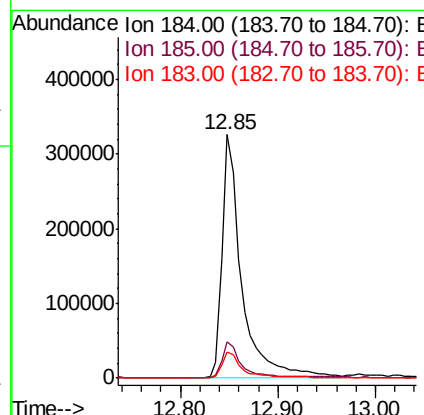
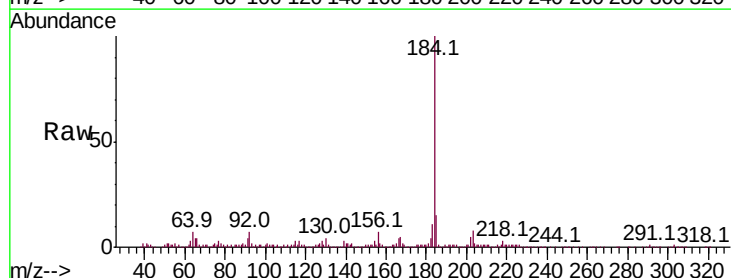
Manual Integrations
APPROVED

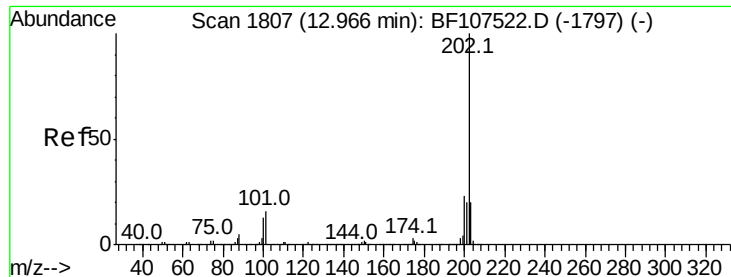
Sohil
7/30/2018 2:03:01 PM



#76
Benzidine
Concen: 48.396 ng
RT: 12.85 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	10.9	9.3	13.9





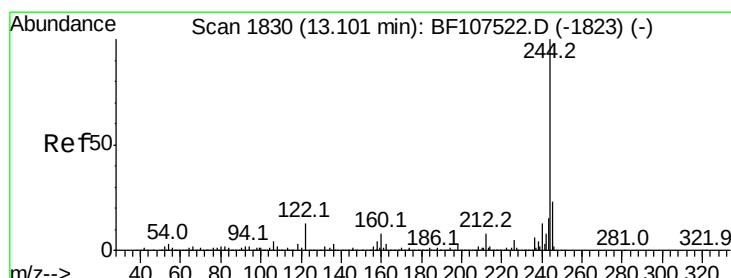
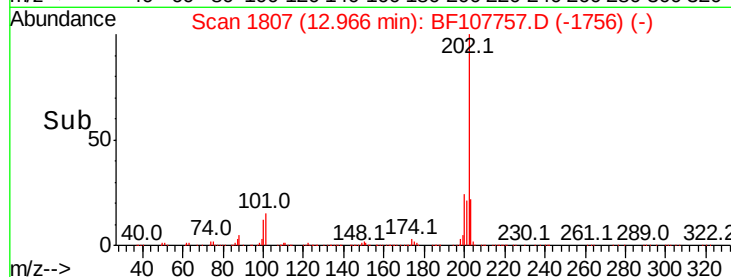
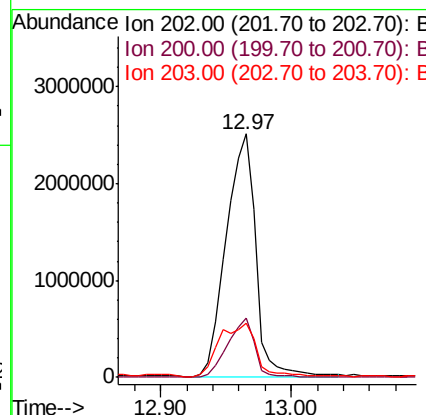
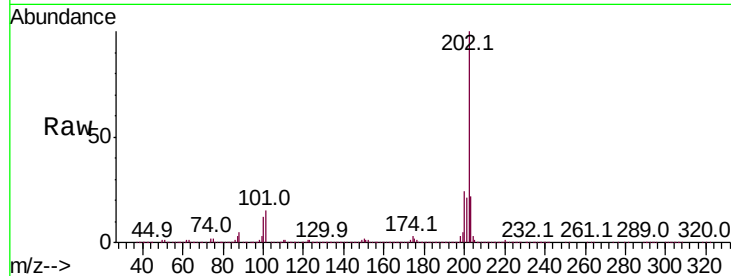
#77
Pvrene
Concen: 178.988 ng/mL
RT: 12.97 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.3	17.4	26.2
203	22.2	14.3	21.5

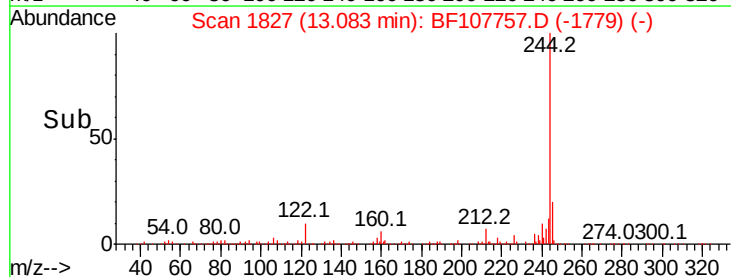
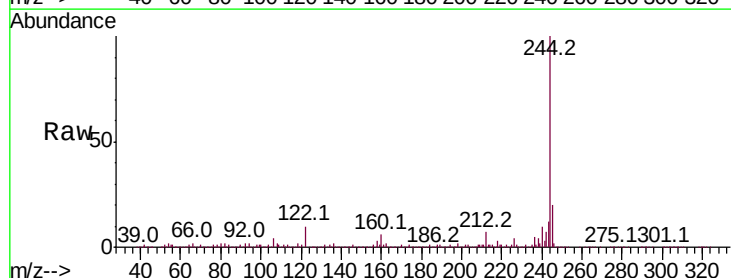
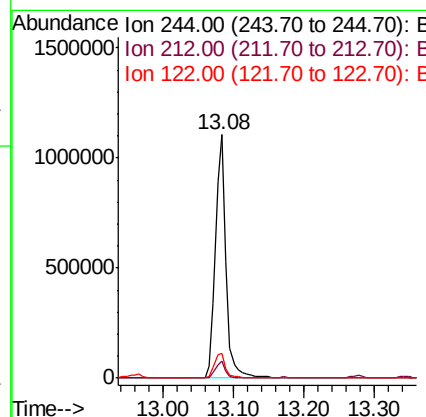
Manual Integrations
APPROVED

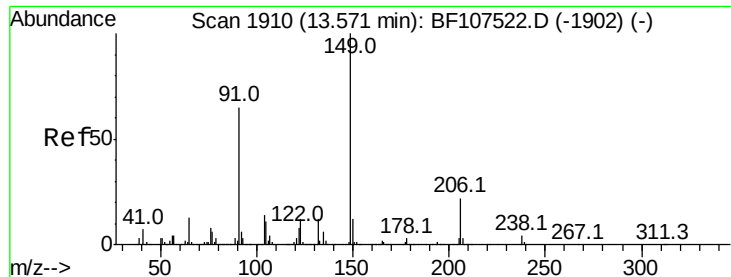
Sohil
7/30/2018 2:03:01 PM



#78
Terphenyl-d14
Concen: 91.551 ng/mL
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.1	11.0	16.4





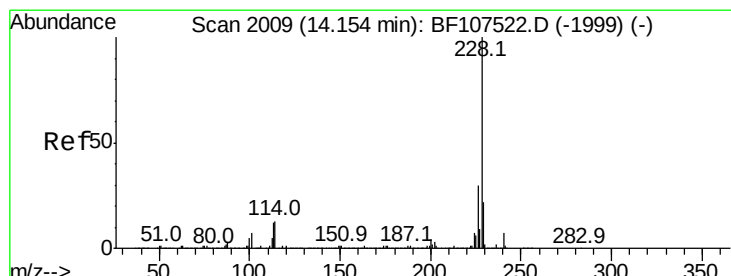
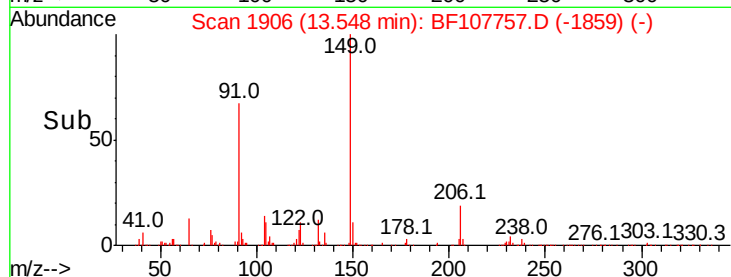
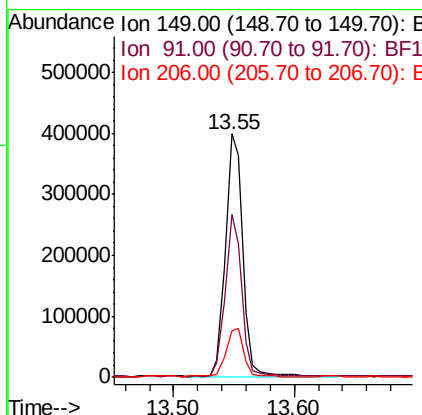
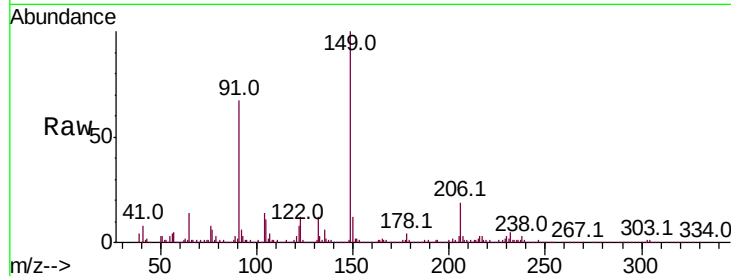
#79
Butylbenzylphthalate
Concen: 41.473 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	394915		
91	67.0	56.8	85.2	
206	19.3	14.1	21.1	

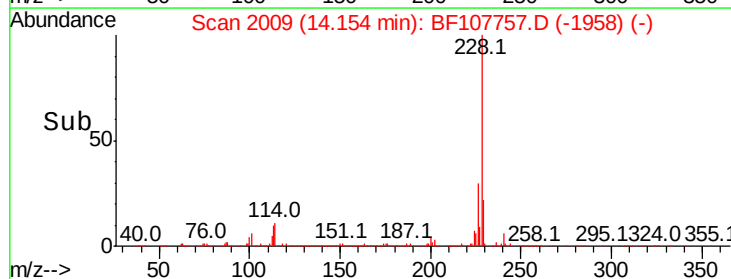
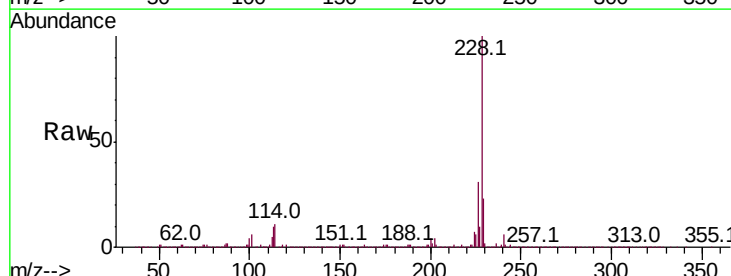
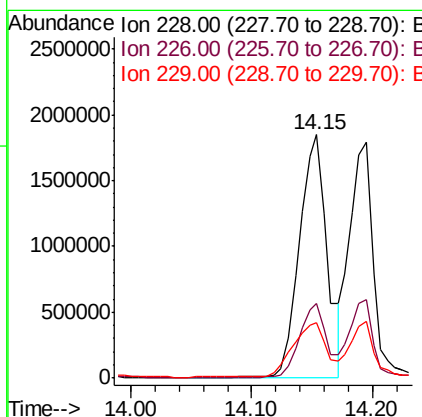
Manual Integrations
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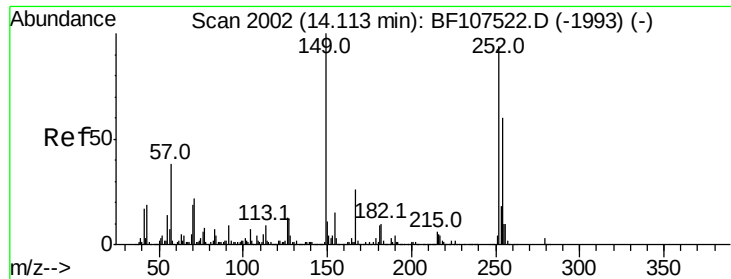
Sohil
7/30/2018 2:03:01 PM



#80
Benzo(a)anthracene
Concen: 155.468 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2949200		
226	30.6	22.6	33.8	
229	22.6	15.8	23.6	





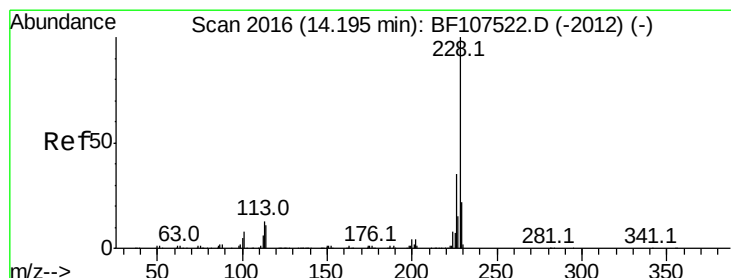
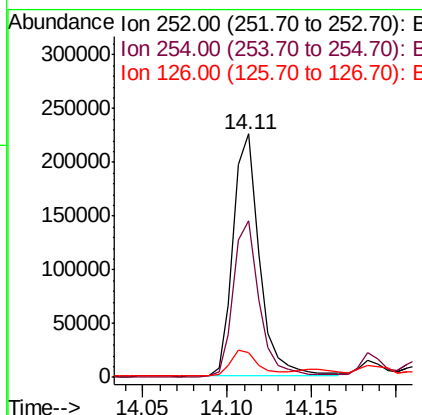
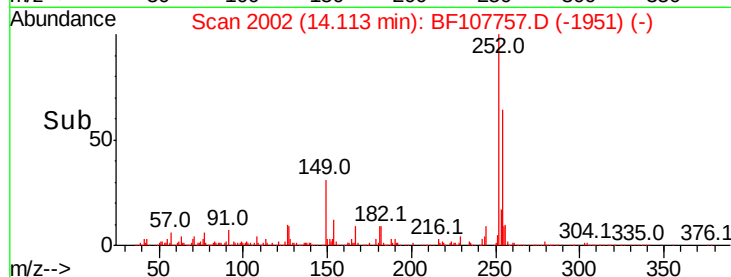
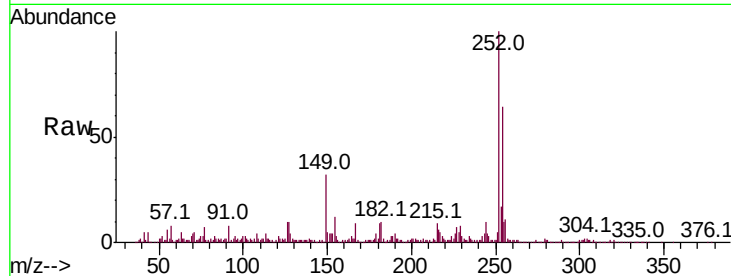
#81
 3,3'-Dichlorobenzidine
 Concen: 43.193 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	10.3	11.3	16.9

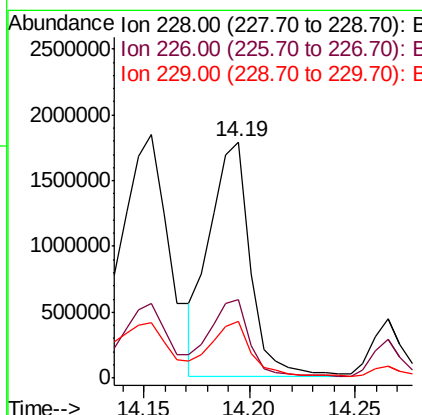
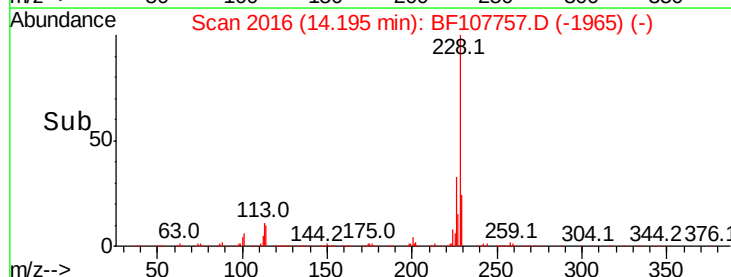
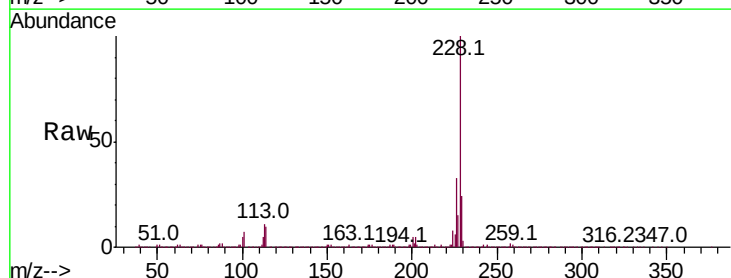
Manual Integrations
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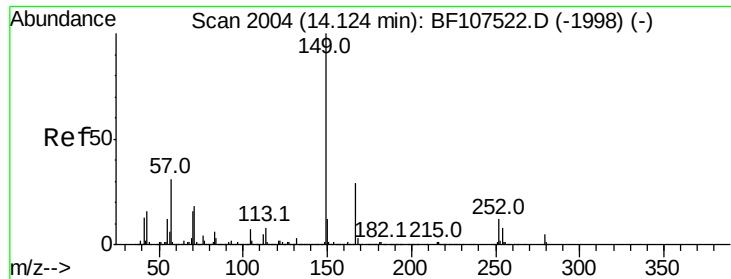
Sohil
 7/30/2018 2:03:01 PM



#82
 Chrysene
 Concen: 131.908 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.0	37.6
229	24.3	16.2	24.4





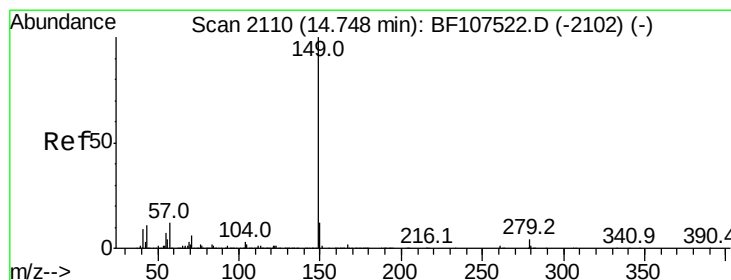
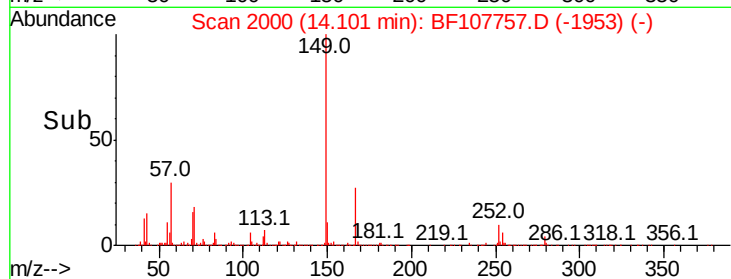
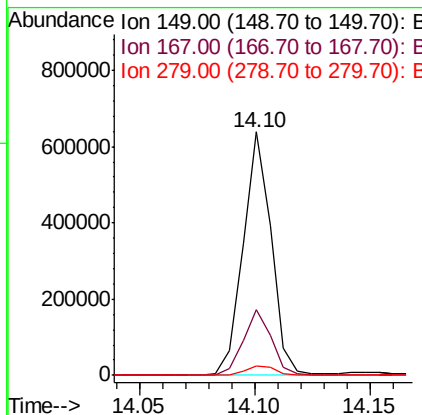
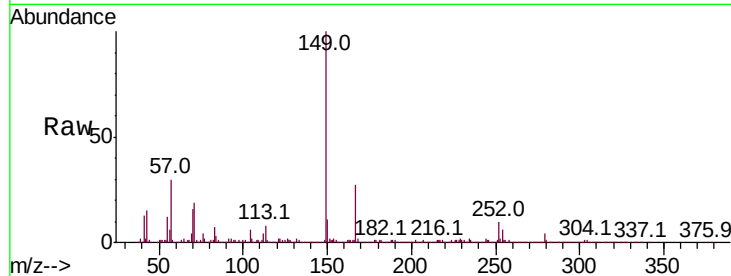
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.356 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	542208		
167	27.1		21.3	31.9
279	3.8		3.0	4.4

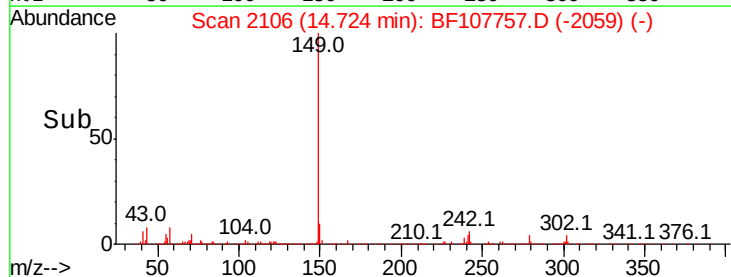
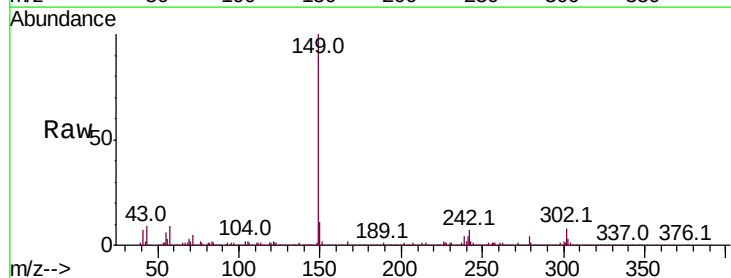
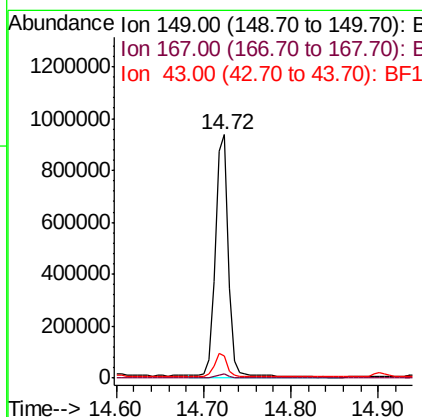
Manual Integrations
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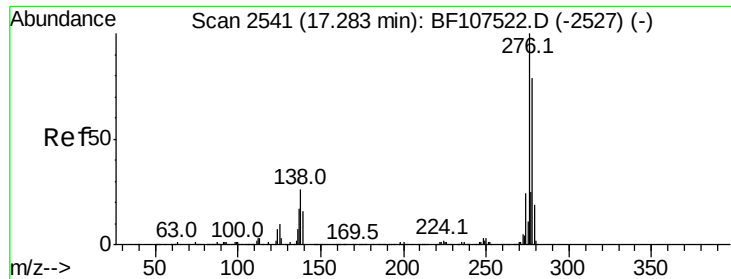
Sohil
 7/30/2018 2:03:01 PM



#84
 Di-n-octyl phthalate
 Concen: 46.638 ng
 RT: 14.72 min Scan# 2106
 Delta R.T. -0.02 min
 Lab File: BF107757.D
 Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	973988		
167	1.5		1.2	1.8
43	8.7		8.4	12.6





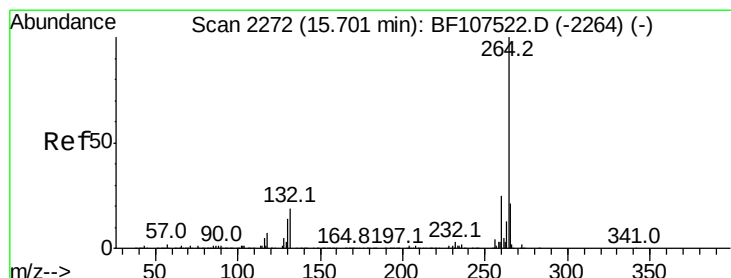
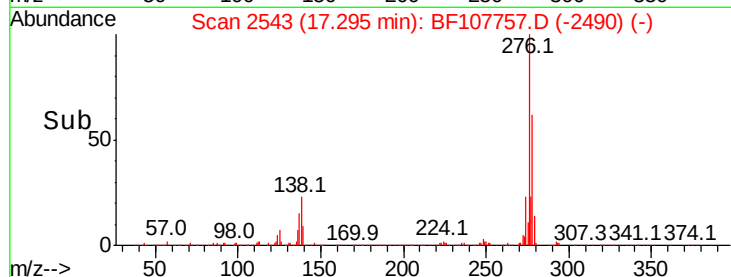
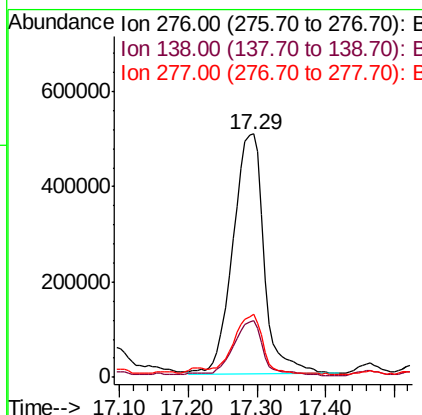
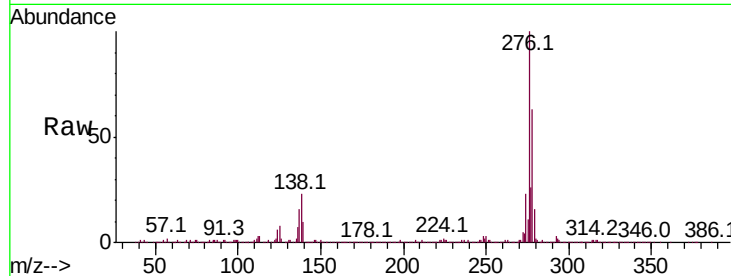
#85
Indeno(1,2,3-cd)pyrene
Concen: 103.327 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	25.0	37.6#
277	23.9	20.1	30.1

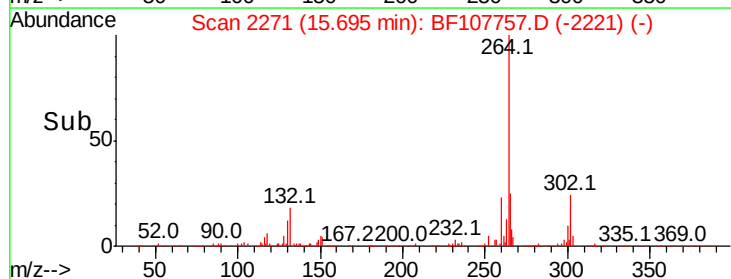
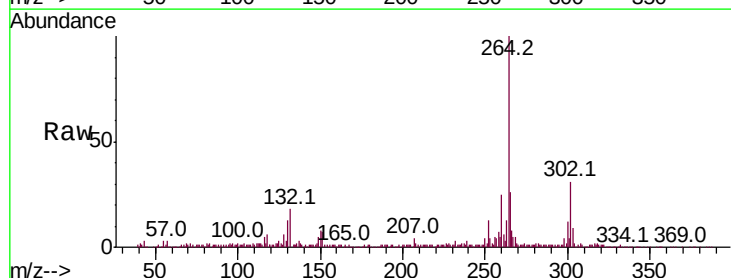
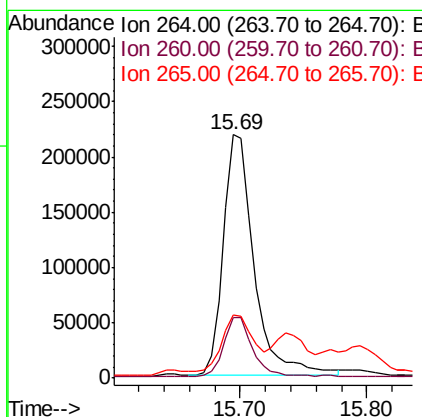
Manual Integrations
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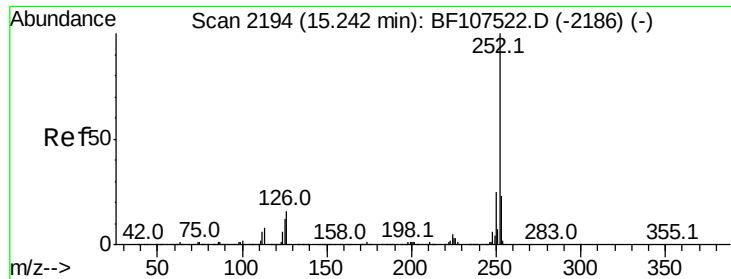
Sohil
7/30/2018 2:03:01 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	26.0	17.5	26.3





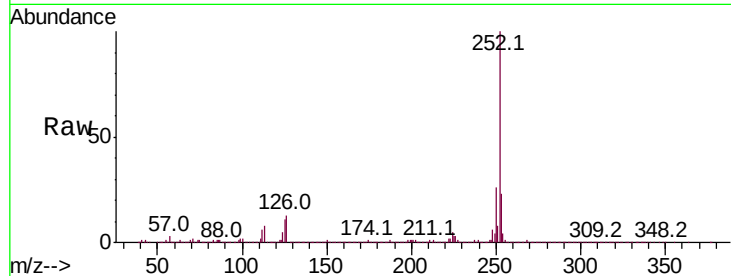
#87
Benzo(b)fluoranthene
Concen: 159.574 ng m
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

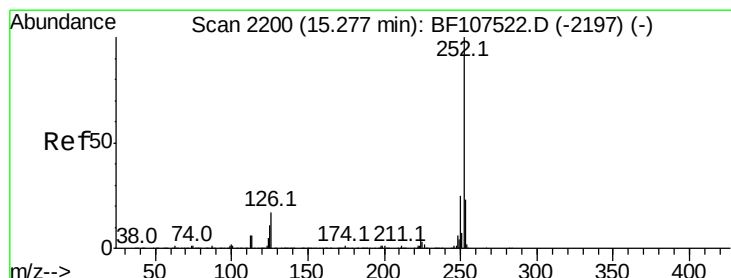
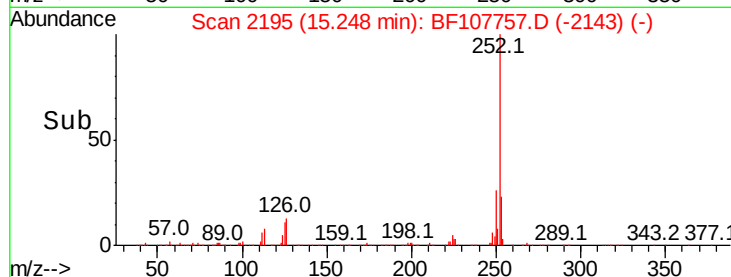
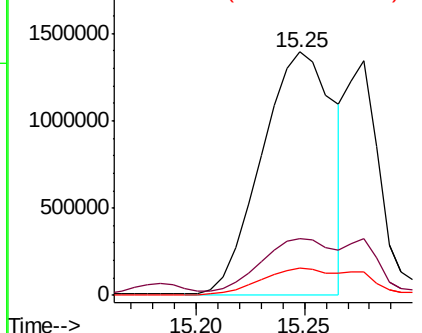
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	11.2	9.0	13.6

Manual Integrations
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Sohil
7/30/2018 2:03:01 PM



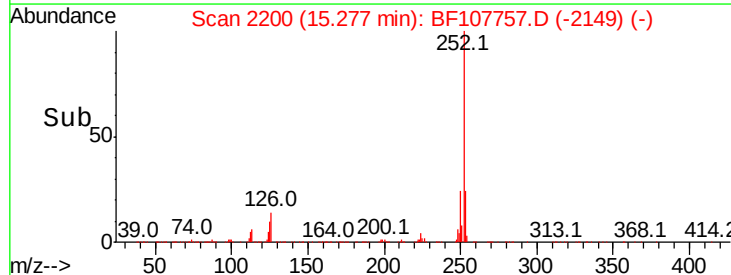
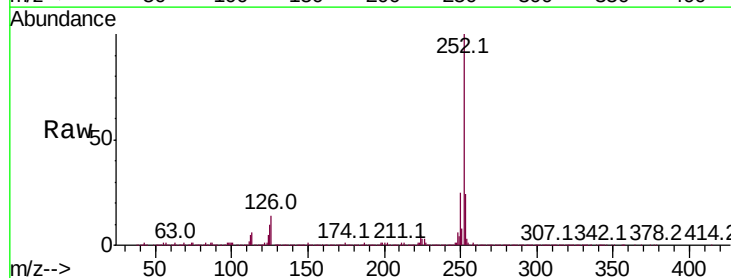
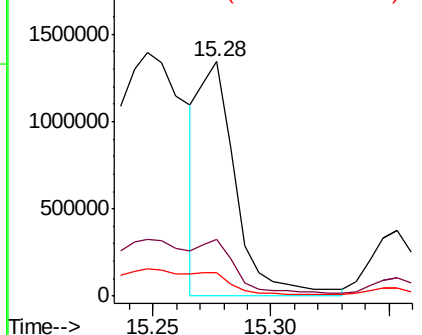
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

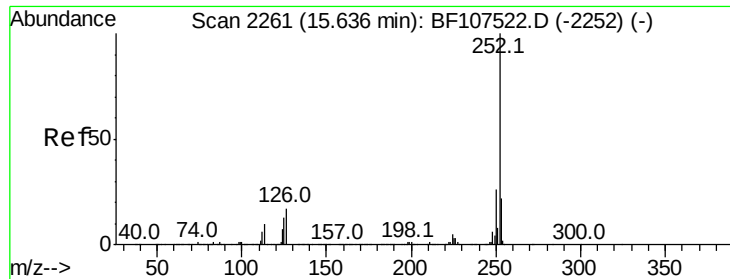


#88
Benzo(k)fluoranthene
Concen: 74.584 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	9.9	10.2	15.2#

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





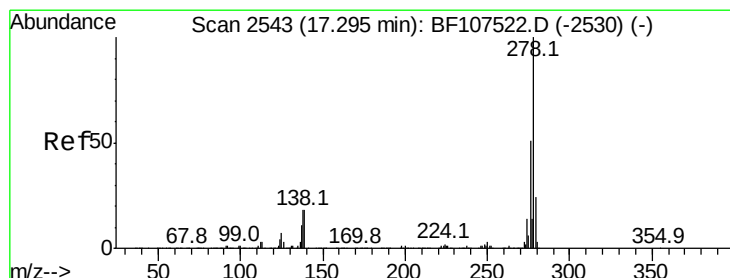
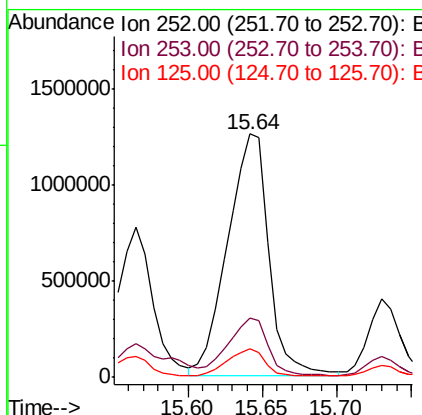
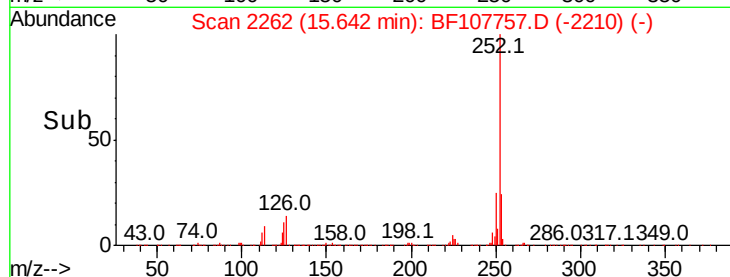
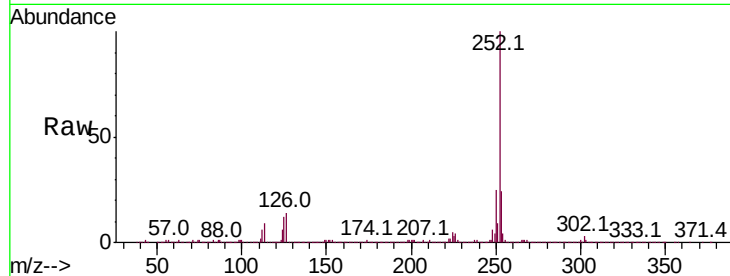
#89
Benzo(a)pyrene
Concen: 131.155 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	11.6	9.8	14.6

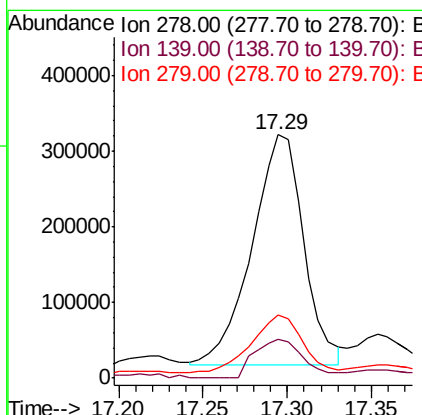
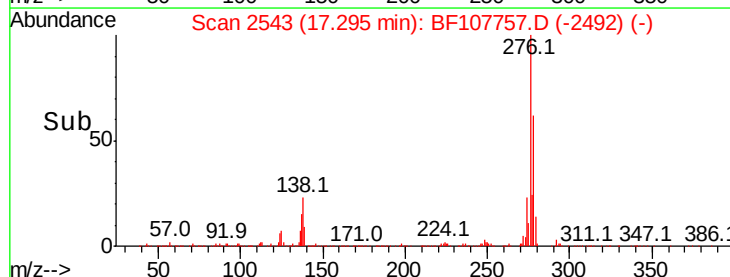
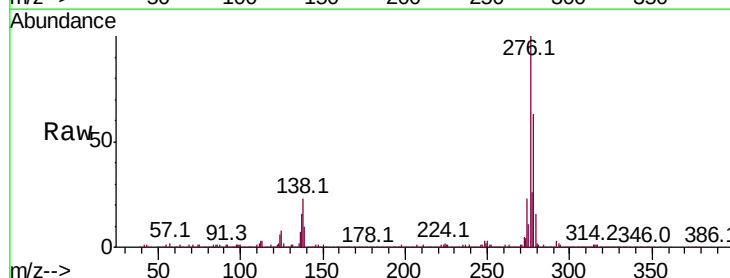
Manual Integrations
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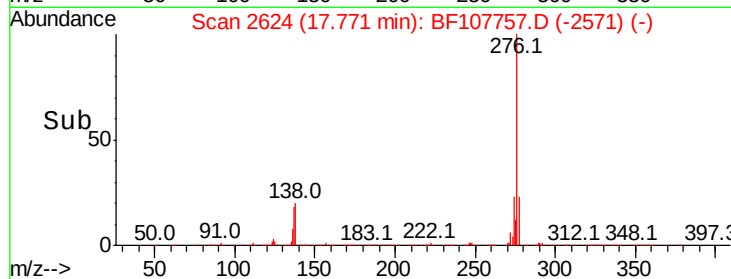
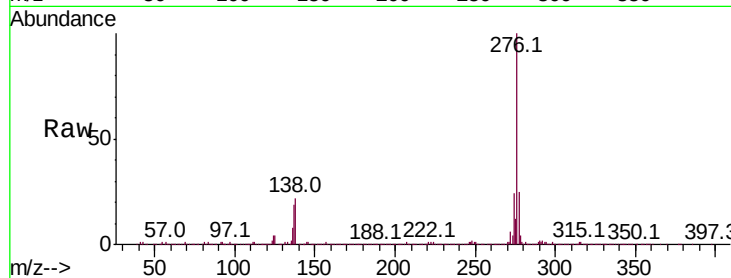
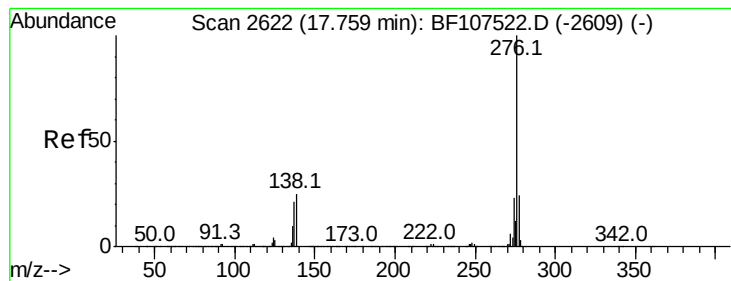
Sohil
7/30/2018 2:03:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.775 ng m
RT: 17.29 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF107757.D
Acq: 27 Jul 2018 20:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.9	23.9#
279	26.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 87.772 ng

RT: 17.77 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BF107757.D

Acq: 27 Jul 2018 20:22

Tot Ion: 276 Resp: 1379233

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 21.9 21.8 32.8

Instrument :

BNA_F

ClientSampleId :

SB-1(3-5)MSD

Manual Integrations

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Sohil

7/30/2018 2:03:01 PM

