

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107653.D
 Acq On : 25 Jul 2018 13:32
 Operator : JU/SJ
 Sample : J4101-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Sohil
 7/26/2018 2:02:44 PM

Quant Time: Jul 25 14:24:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	237065	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	939893	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	421226	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	845975	20.00	ng	0.00
75) Chrysene-d12	14.16	240	595429	20.00	ng	0.00
86) Perylene-d12	15.69	264	520532	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1591467	107.94	ng	0.02
7) Phenol-d6	6.61	99	1774999	100.26	ng	0.00
23) Nitrobenzene-d5	7.54	82	1385724	99.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	697232	145.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2565197	114.52	ng	-0.01
78) Terphenyl-d14	13.09	244	2501067	107.54	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.08	88	188084	27.406	ng	# 69
3) Pyridine	3.77	79	374028	20.033	ng	# 84
4) n-Nitrosodimethylamine	3.72	42	252476	32.064	ng	94
6) Aniline	6.65	93	255933	11.208	ng	# 72
8) 2-Chlorophenol	6.77	128	659223	41.731	ng	99
9) Benzaldehyde	6.53	77	148115	10.677	ng	96
10) Phenol	6.62	94	643092	30.886	ng	91
11) bis(2-Chloroethyl)ether	6.71	93	638088	36.964	ng	92
12) 1,3-Dichlorobenzene	6.91	146	730521	40.788	ng	97
13) 1,4-Dichlorobenzene	6.98	146	767810	41.827	ng	98
14) 1,2-Dichlorobenzene	7.14	146	667925	40.545	ng	98
15) Benzyl Alcohol	7.11	79	528509	43.801	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1086173	37.297	ng	77
17) 2-Methylphenol	7.22	107	555561	41.379	ng	# 89
18) Hexachloroethane	7.48	117	271255	42.130	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	465141	40.669	ng	98
20) 3+4-Methylphenols	7.38	107	689232	43.231	ng	# 57
22) Acetophenone	7.38	105	981282	44.455	ng	# 89
24) Nitrobenzene	7.55	77	702343	44.030	ng	99
25) Isophorone	7.79	82	1312099	44.125	ng	98
26) 2-Nitrophenol	7.87	139	393753	58.454	ng	96
27) 2,4-Dimethylphenol	7.90	122	627447	49.209	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	849568	42.751	ng	100
29) 2,4-Dichlorophenol	8.11	162	604529	46.386	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	636082	43.455	ng	99
31) Naphthalene	8.27	128	1986180	48.055	ng	98
32) Benzoic acid	8.04	122	345408	40.316	ng	97
33) 4-Chloroaniline	8.34	127	138775	7.682	ng	98
34) Hexachlorobutadiene	8.38	225	378282	43.491	ng	98
35) Caprolactam	8.71	113	163038m	38.461	ng	
36) 4-Chloro-3-methylphenol	8.81	107	656607	45.355	ng	96
37) 2-Methylnaphthalene	8.97	142	1400026	48.882	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	661559	47.087	ng	99
40) Hexachlorocyclopentadiene	9.11	237	732800	102.604	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	419258	46.621	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	460450	48.990	nq	95
45) 1,1'-Biphenyl	9.43	154	1695444	46.205	nq	97
46) 2-Chloronaphthalene	9.46	162	1283862	45.775	nq	99
47) 2-Nitroaniline	9.56	65	438440	53.620	nq	92
48) Acenaphthylene	9.88	152	2028480	48.145	nq	97
49) Dimethylphthalate	9.73	163	1466582	46.197	nq	99
50) 2,6-Dinitrotoluene	9.80	165	330678	52.464	nq	93
51) Acenaphthene	10.05	154	1143558	43.319	nq	99
52) 3-Nitroaniline	9.98	138	141682	18.477	nq	95
53) 2,4-Dinitrophenol	10.08	184	383328	109.214	nq #	23
54) Dibenzofuran	10.22	168	1749594	45.018	nq	100
55) 4-Nitrophenol	10.15	139	429708	74.850	nq	96
56) 2,4-Dinitrotoluene	10.21	165	406359	53.410	nq #	96
57) Fluorene	10.57	166	1392716	50.231	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	396569	50.697	nq #	87
59) Diethylphthalate	10.43	149	1480285	44.647	nq	96
60) 4-Chlorophenyl-phenylether	10.55	204	690259	44.037	nq	96
61) 4-Nitroaniline	10.60	138	320539	49.755	nq	97
62) Azobenzene	10.71	77	1361636	43.797	nq	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	231090	55.032	nq	86
65) n-Nitrosodiphenylamine	10.68	169	1229653	42.798	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	437879	43.970	nq #	90
67) Hexachlorobenzene	11.11	284	476952	43.528	nq #	84
68) Atrazine	11.20	200	378996	43.204	nq	96
69) Pentachlorophenol	11.31	266	506157	73.954	nq	98
70) Phenanthrene	11.53	178	1878040	45.556	nq	98
71) Anthracene	11.58	178	2012783	48.493	nq	98
72) Carbazole	11.74	167	1894565	43.894	nq	99
73) Di-n-butylphthalate	12.05	149	2133214	49.471	nq	98
74) Fluoranthene	12.72	202	2067936	46.747	nq	96
76) Benzidine	12.85	184	157923	9.210	nq	97
77) Pyrene	12.95	202	2053708	50.425	nq	98
79) Butylbenzylphthalate	13.56	149	924291	52.771	nq #	90
80) Benzo(a)anthracene	14.15	228	1657665	47.507	nq	98
81) 3,3'-Dichlorobenzidine	14.11	252	251742	20.707	nq #	95
82) Chrysene	14.18	228	1610441	48.046	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1162218	47.027	nq	99
84) Di-n-octyl phthalate	14.73	149	1793973	46.700	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1454198	51.190	nq	94
87) Benzo(b)fluoranthene	15.23	252	1390360	48.805	nq	98
88) Benzo(k)fluoranthene	15.27	252	1297832	46.500	nq	97
89) Benzo(a)pyrene	15.62	252	1285040	49.313	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	1196124	53.099	nq	96
91) Benzo(g,h,i)perylene	17.75	276	1240508	55.830	nq #	91

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

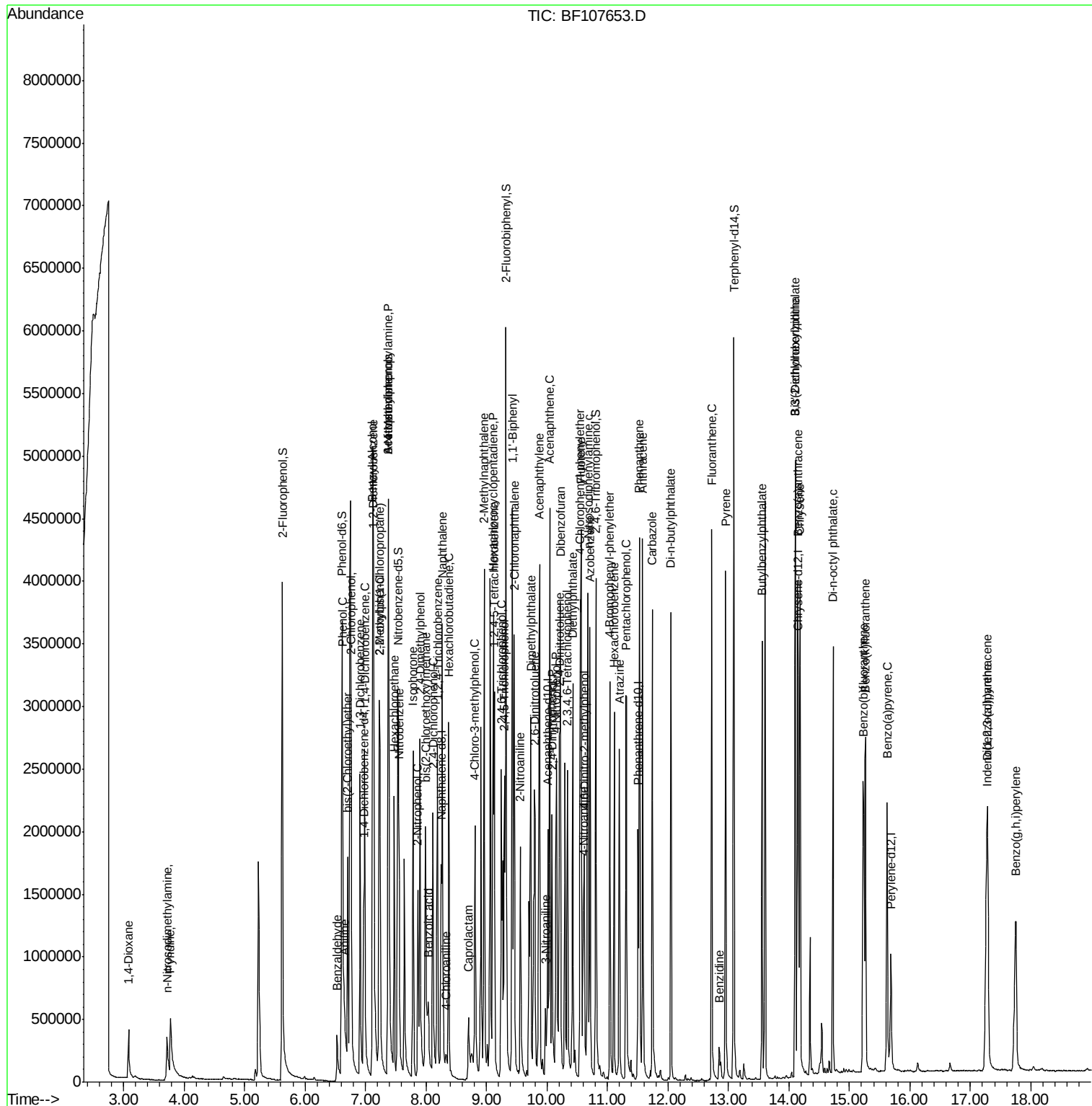
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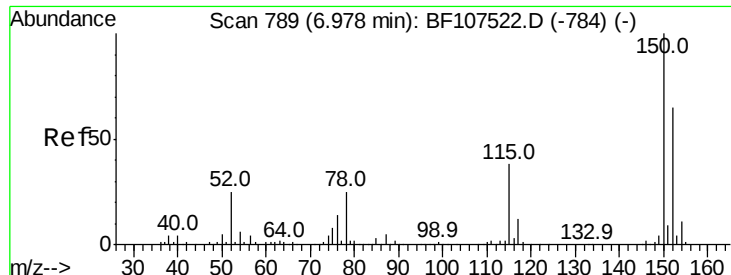
Instrument :
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#1

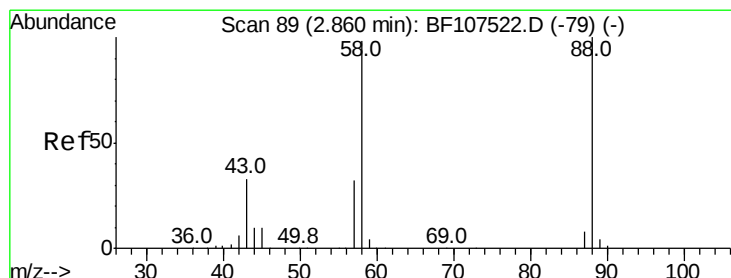
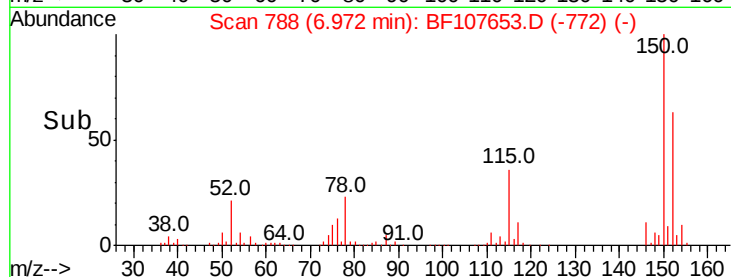
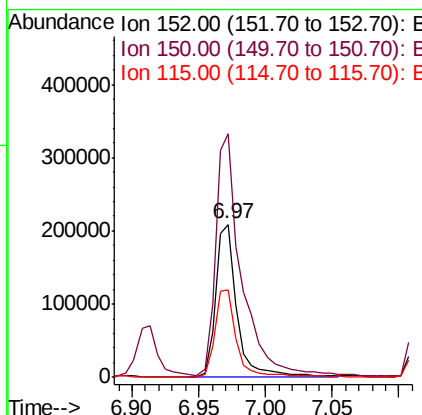
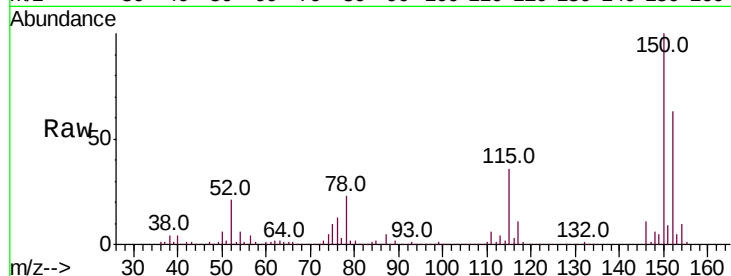
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	57.2	50.1	75.1

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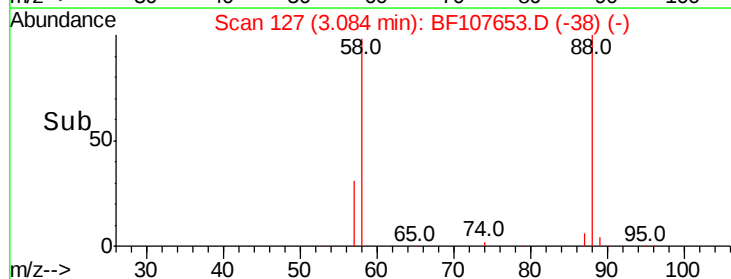
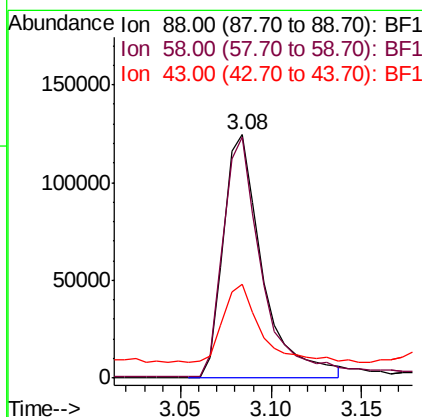
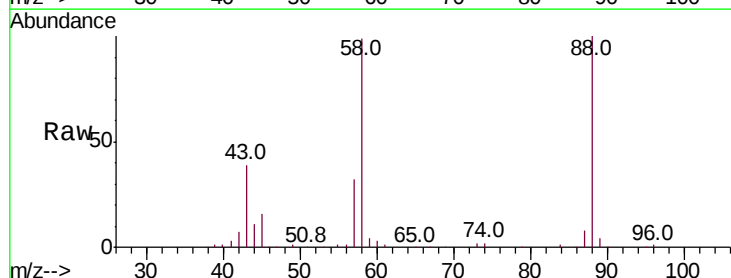
Sohil
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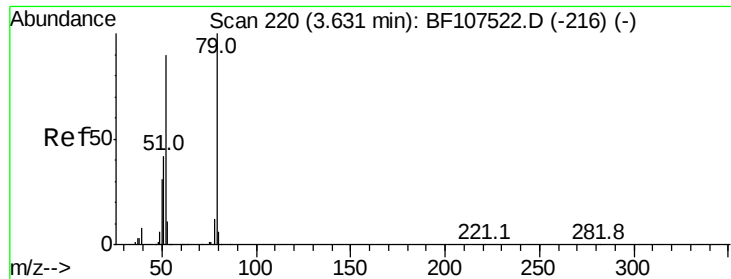


#2

1,4-Dioxane
Concen: 27.406 ng
RT: 3.08 min Scan# 127
Delta R.T. 0.22 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.4	62.6	93.8#
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 20.033 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.14 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

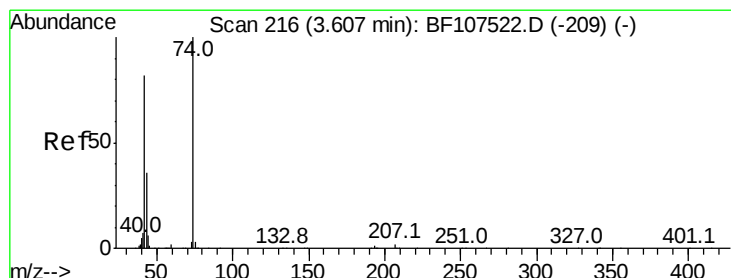
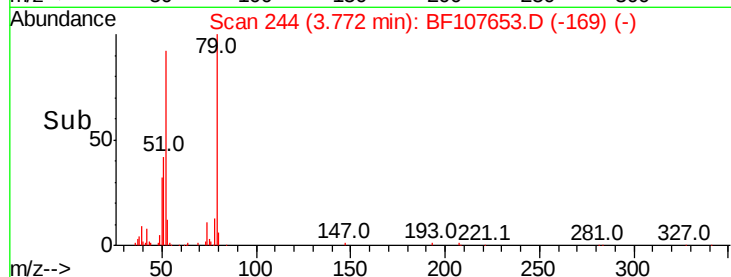
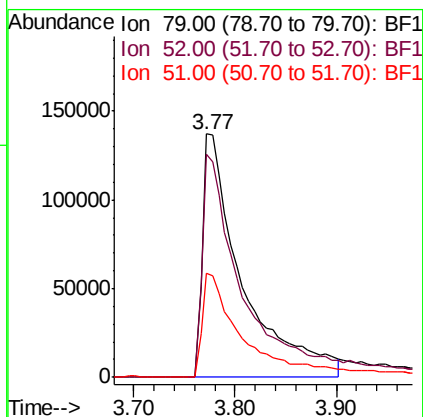
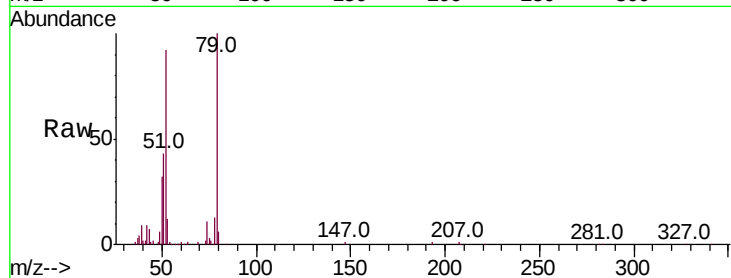
ClientSampleId :

TP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.8	59.8	89.6#
51	42.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 32.064 ng

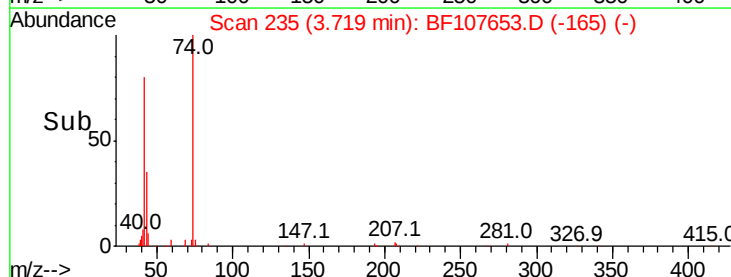
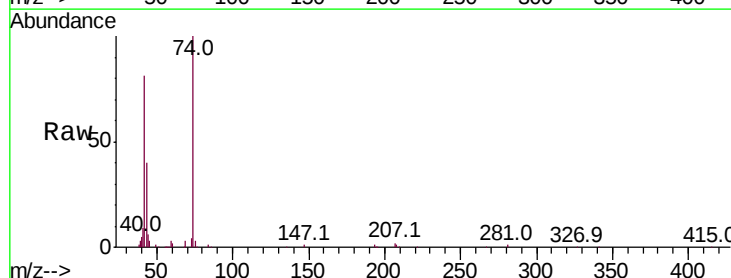
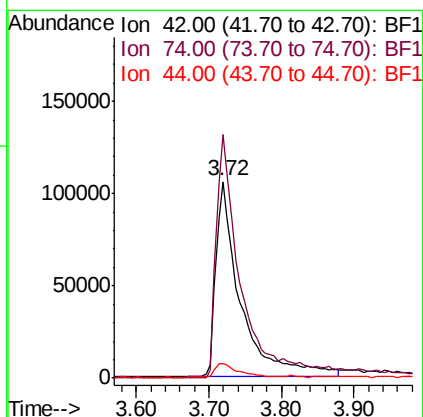
RT: 3.72 min Scan# 235

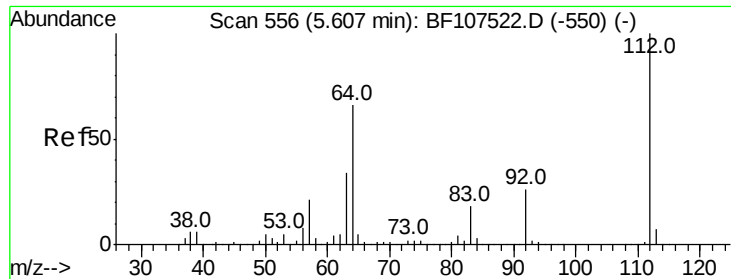
Delta R.T. 0.11 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.9	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 107.936 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampled :

TP-1MSD

Tot Ion:112 Resp: 1591467

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

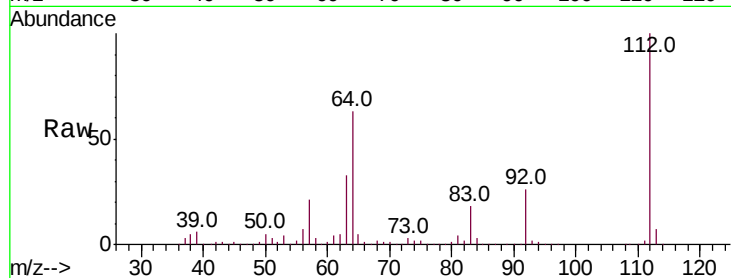
63 32.6 23.7 35.5

Manual Integrations

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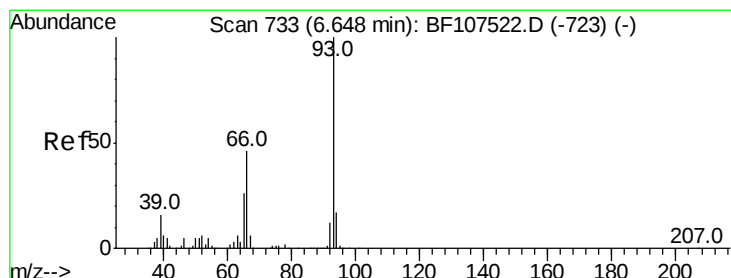
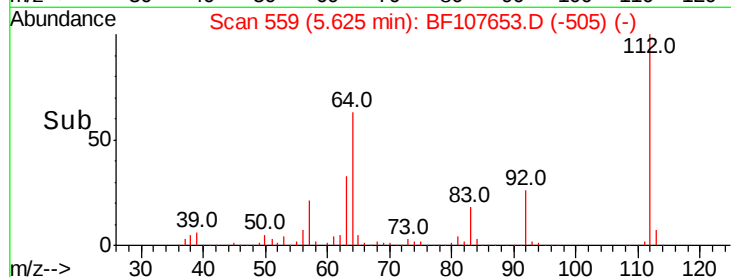
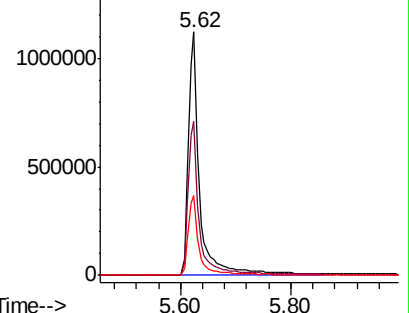
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Abundance Ion 112.00 (111.70 to 112.70): E

1500000 Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.208 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

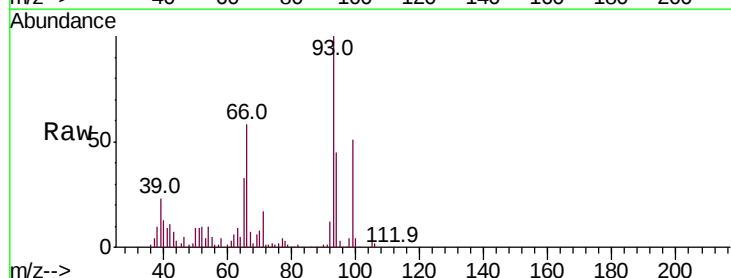
Tgt Ion: 93 Resp: 255933

Ion Ratio Lower Upper

93 100

66 57.9 32.2 48.2#

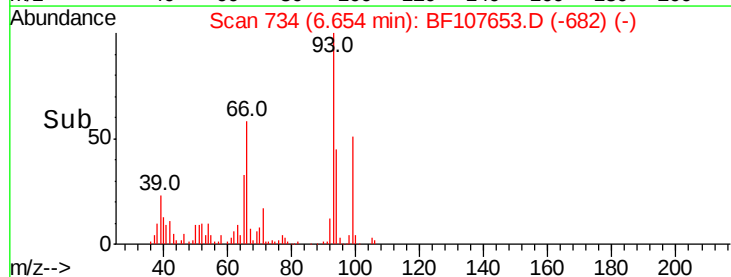
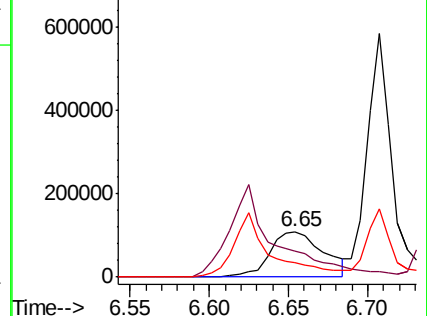
65 33.1 16.4 24.6#

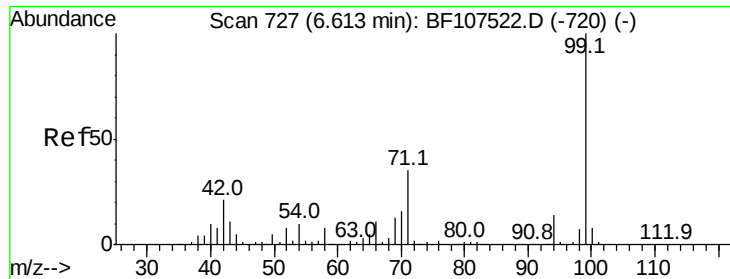


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.257 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampled :

TP-1MSD

Tot Ion: 99 Resp: 1774999

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

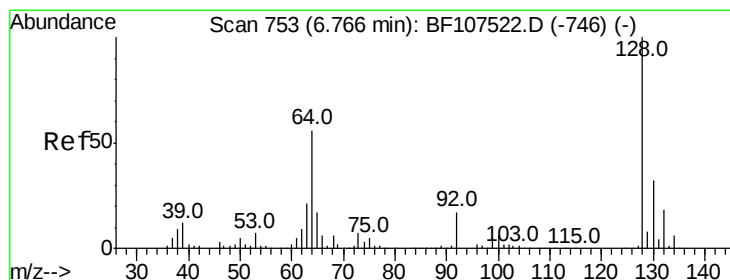
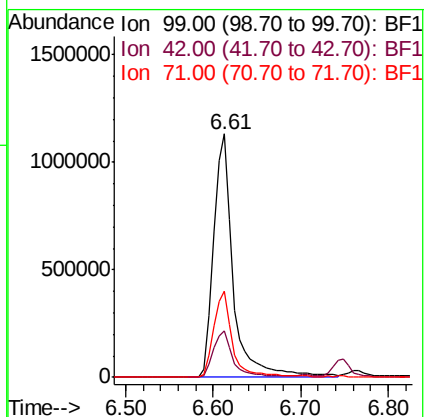
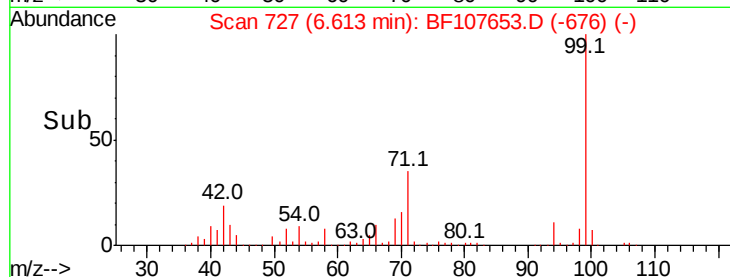
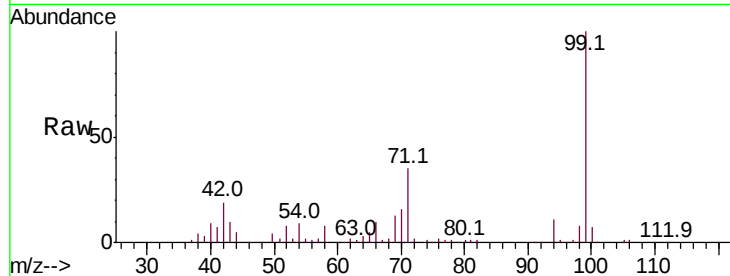
71 35.3 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.731 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

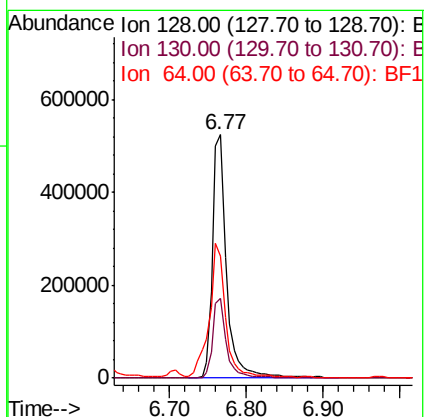
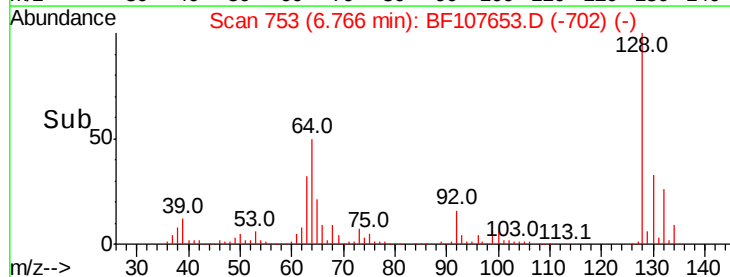
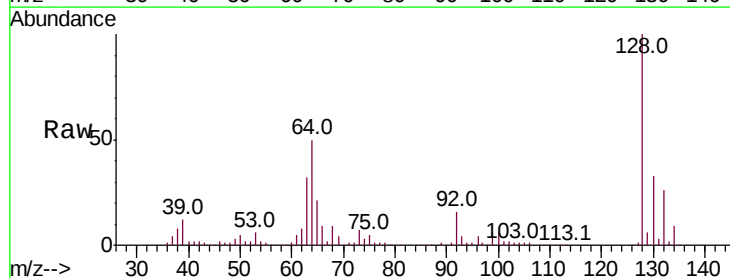
Tgt Ion:128 Resp: 659223

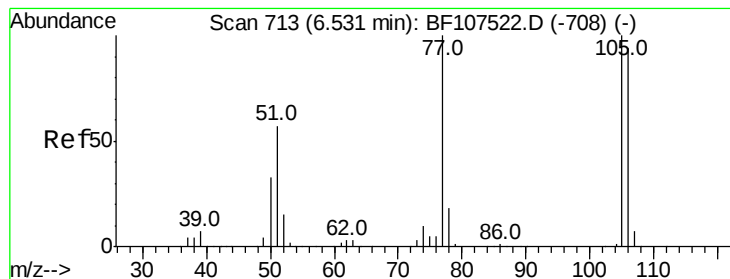
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 50.4 29.4 69.4





#9

Benzaldehyde

Concen: 10.677 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

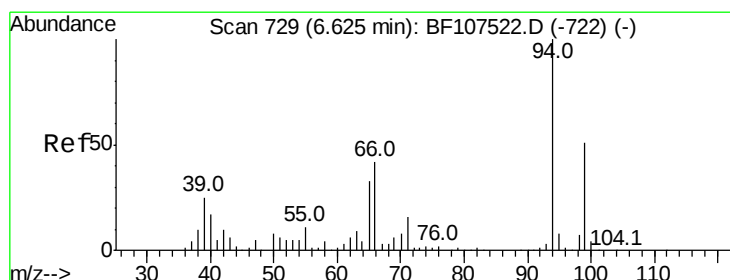
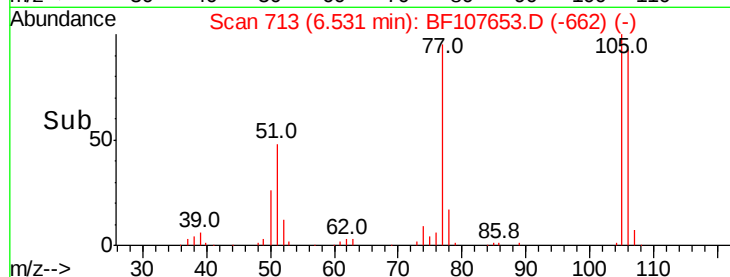
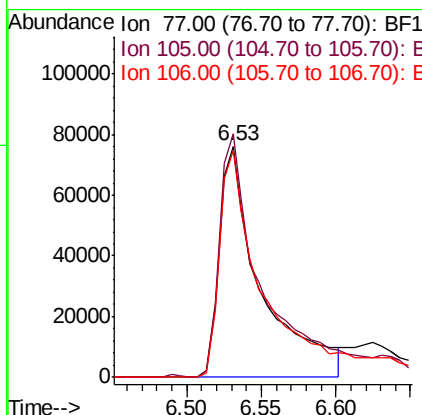
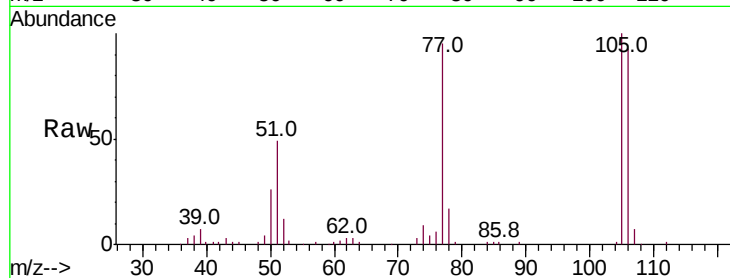
ClientSampleId :

TP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.2	81.1	121.1
106	98.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 30.886 ng

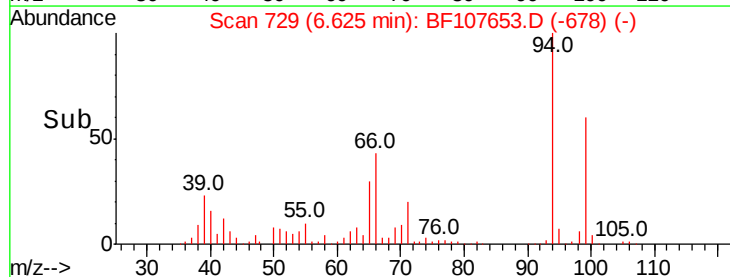
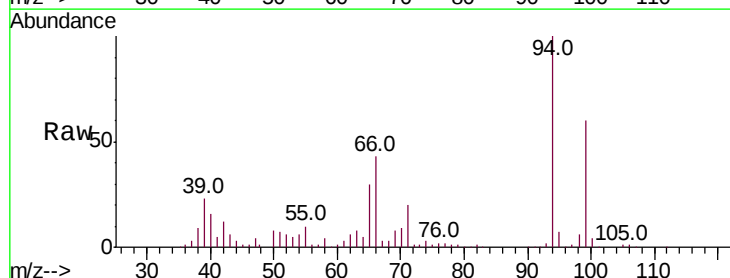
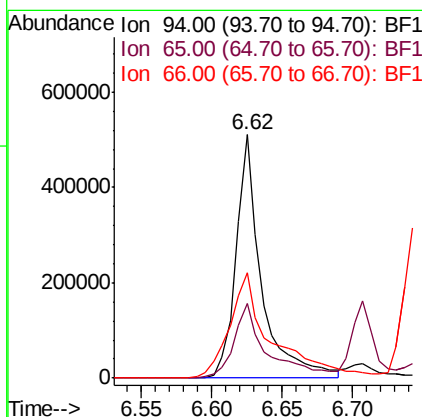
RT: 6.62 min Scan# 729

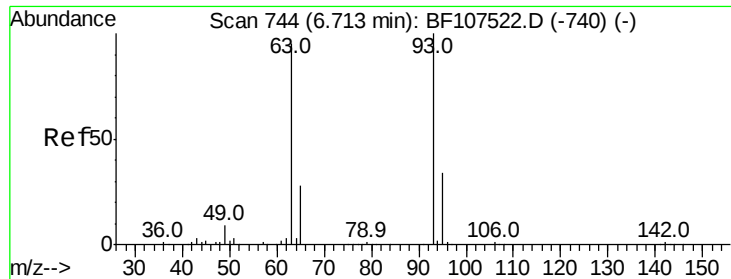
Delta R.T. 0.00 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	43.3	16.2	56.2





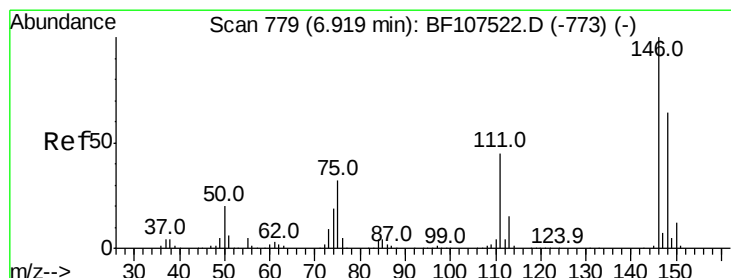
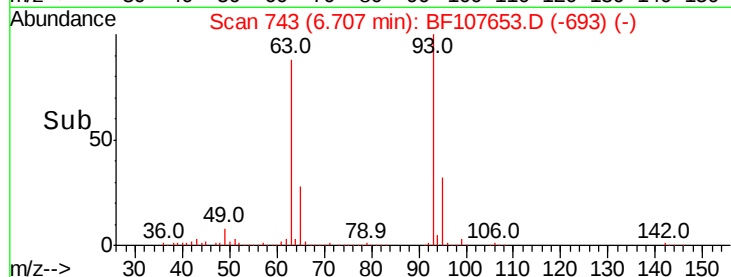
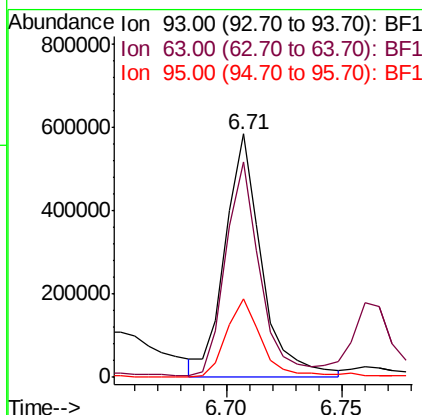
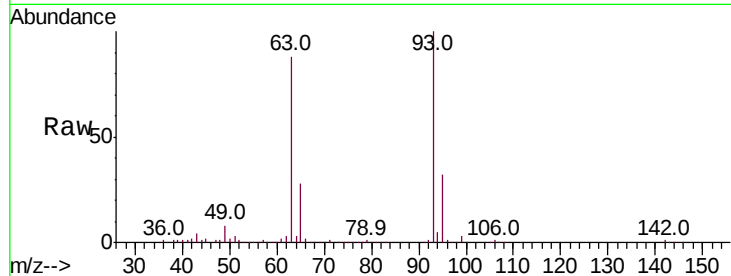
#11
bis(2-Chloroethyl)ether
Concen: 36.964 ng
RT: 6.71 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.5	58.6	98.6
95	32.0	11.8	51.8

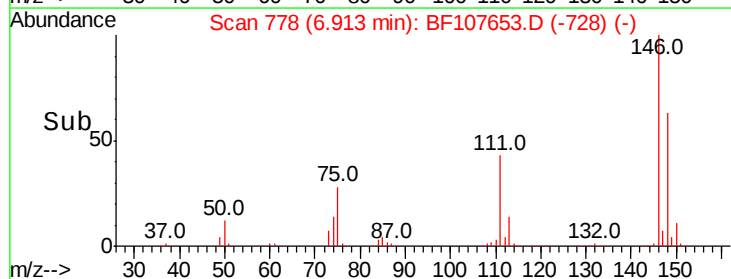
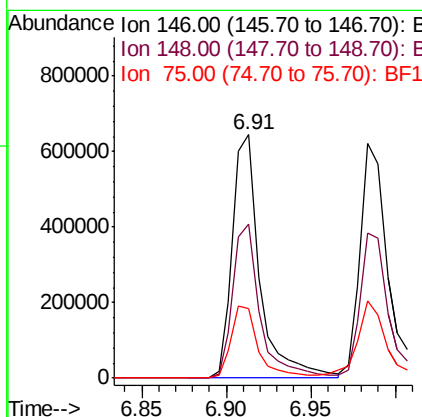
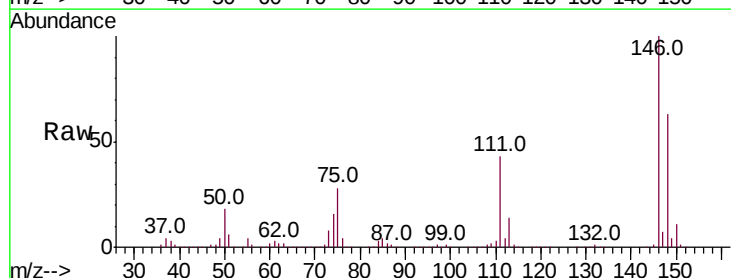
Manual Integrations
APPROVED

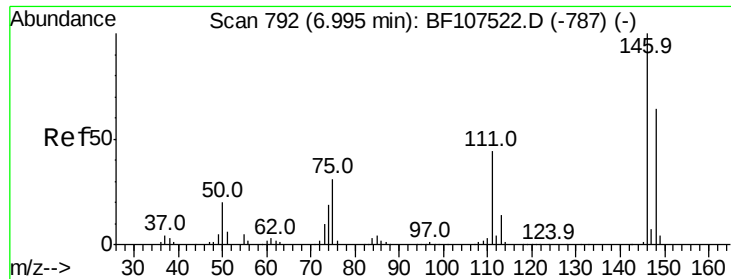
Sohil
7/26/2018 2:02:44 PM



#12
1,3-Dichlorobenzene
Concen: 40.788 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	28.4	24.2	36.4





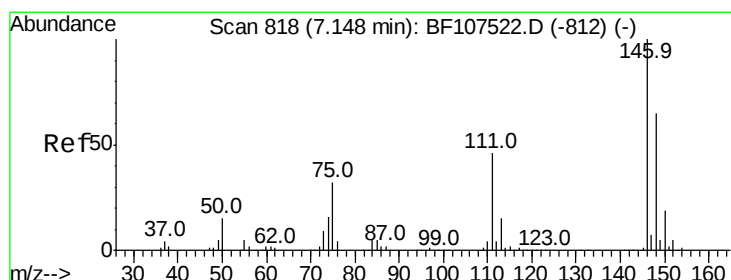
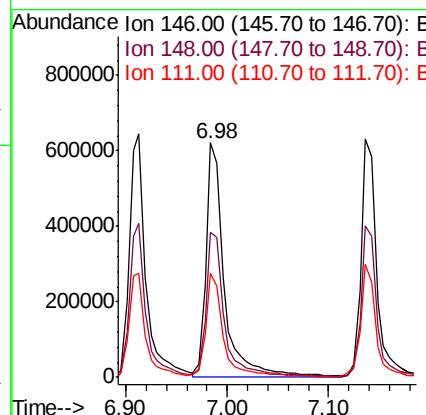
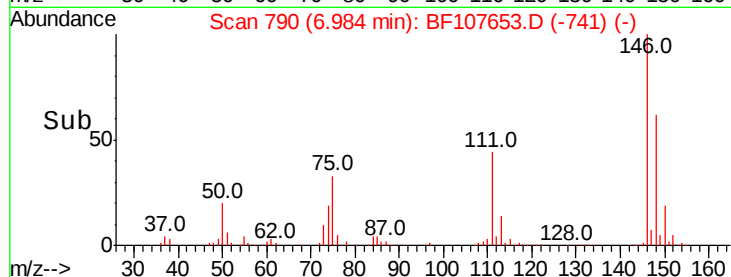
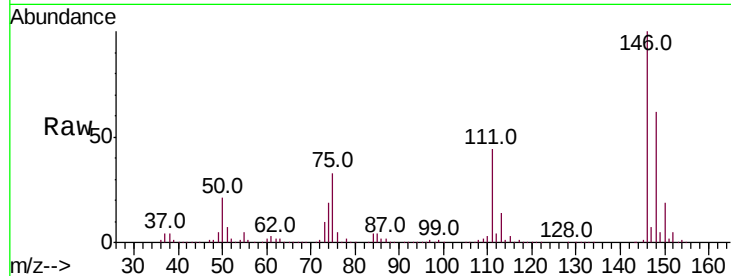
#13
1,4-Dichlorobenzene
Concen: 41.827 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.8	76.2
111	44.2	34.2	51.2

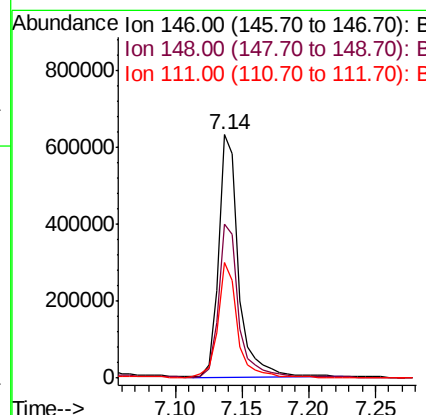
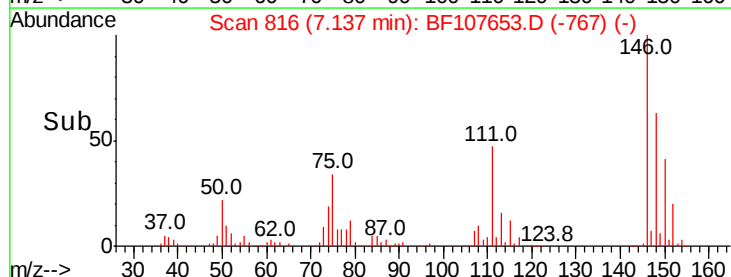
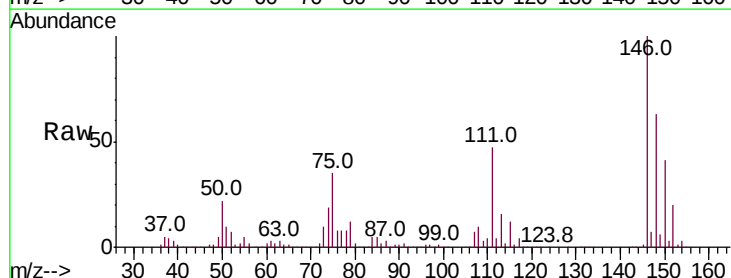
Manual Integrations
APPROVED

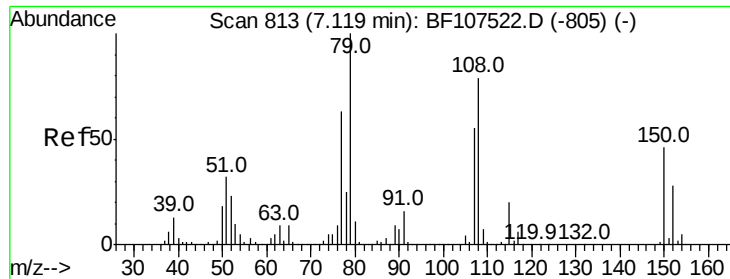
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.545 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	47.4	36.0	54.0





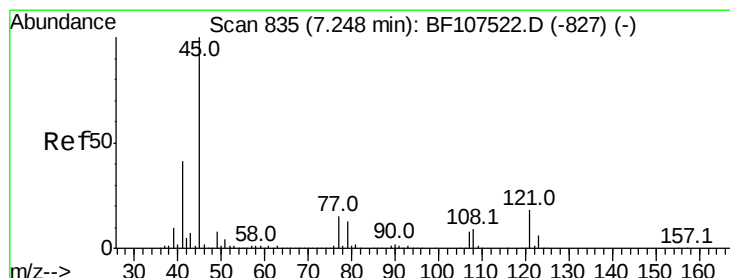
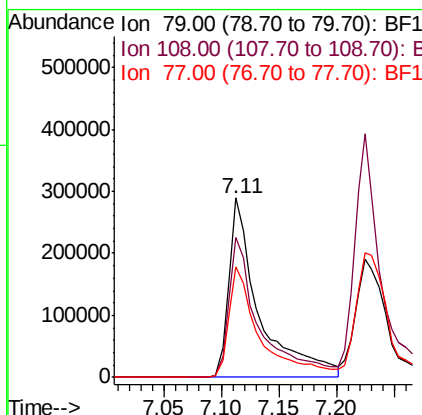
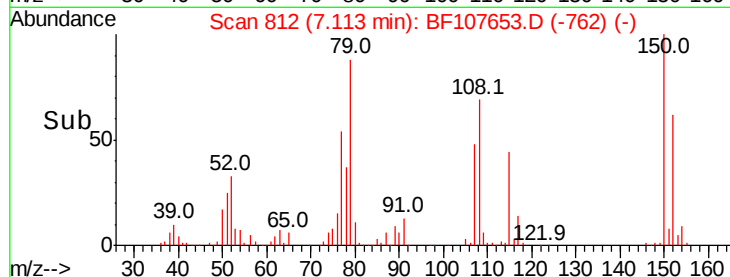
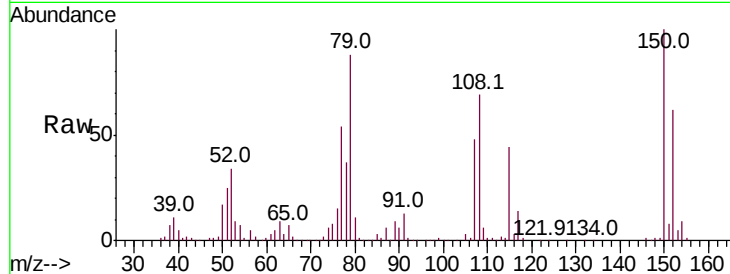
#15
Benzyl Alcohol
Concen: 43.801 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	65.1	97.7
77	61.6	50.6	75.8

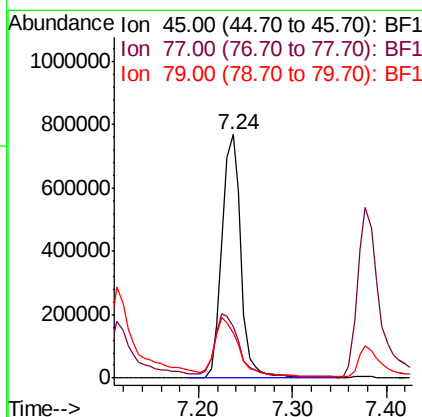
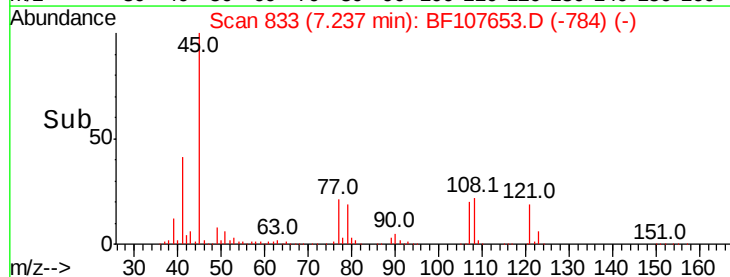
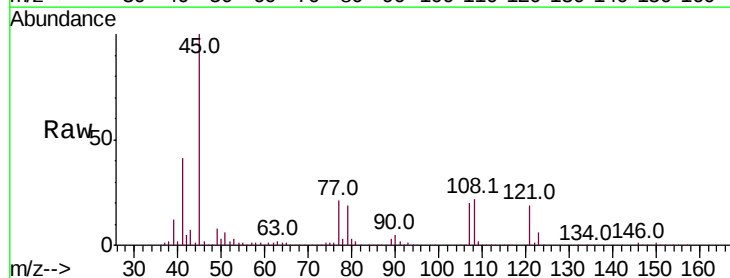
Manual Integrations
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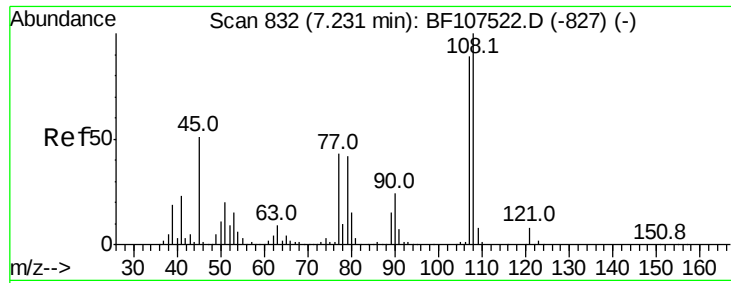
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.297 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.1	0.0	32.9
79	18.8	0.0	29.6





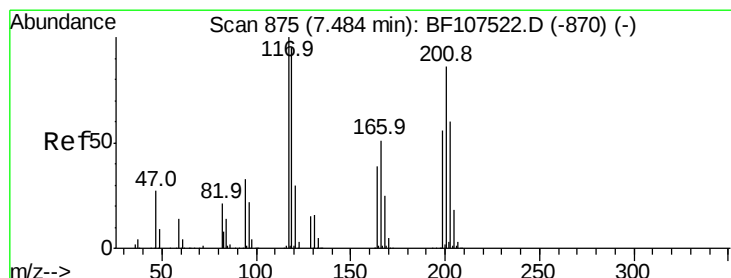
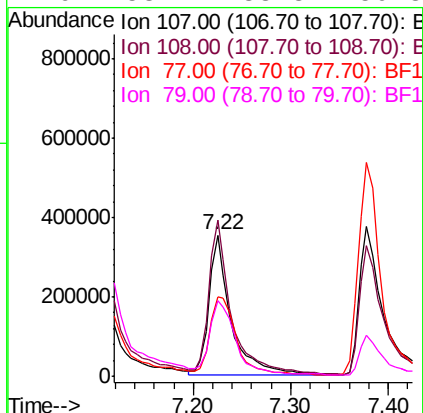
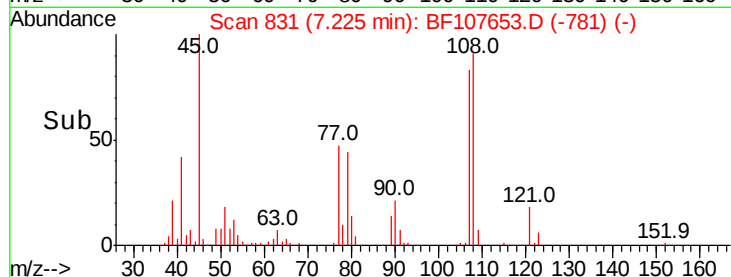
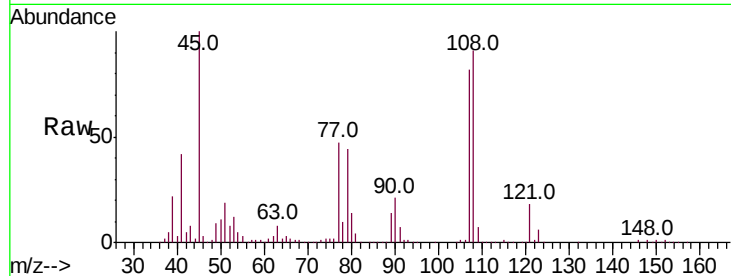
#17
2-Methylphenol
Concen: 41.379 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	91.7	137.5	
77	56.7	33.8	50.8#	
79	53.7	33.8	50.8#	

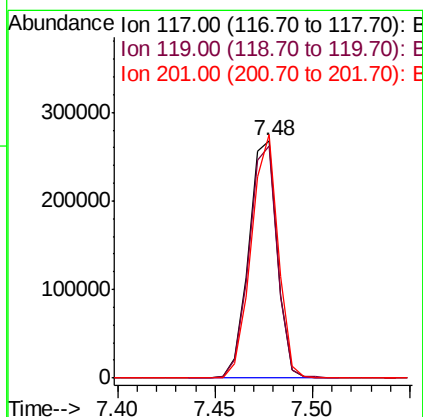
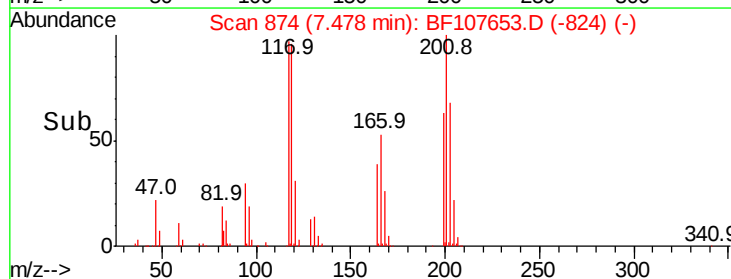
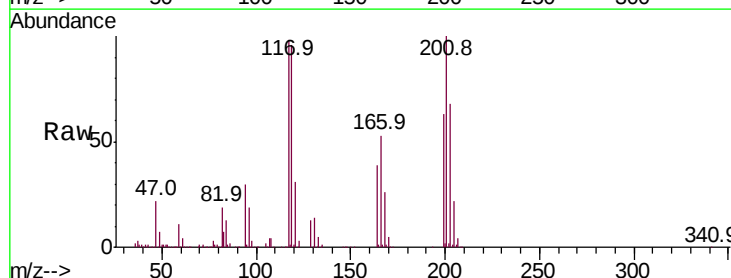
Manual Integrations
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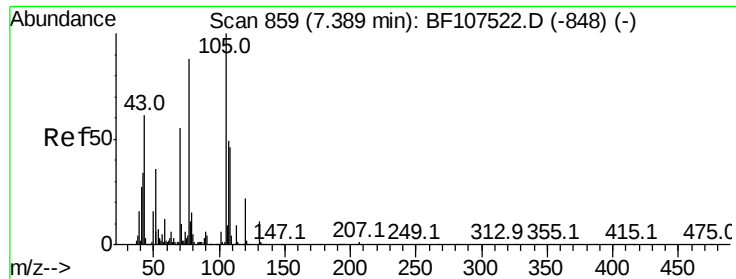
Sohil
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#18
Hexachloroethane
Concen: 42.130 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	75.8	113.8	
201	102.5	75.7	113.5	





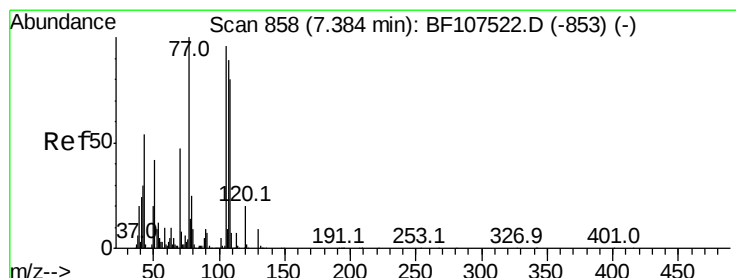
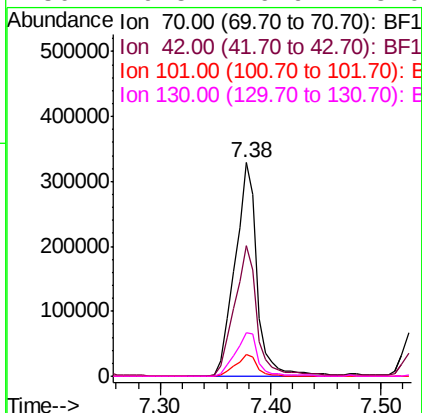
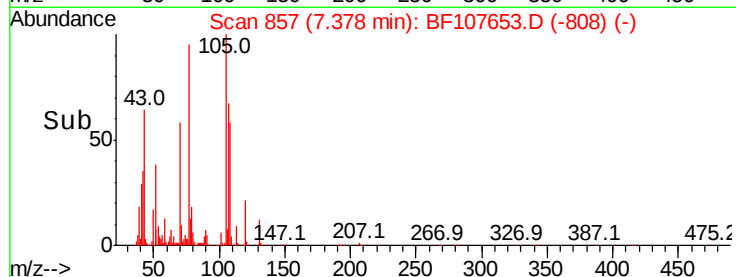
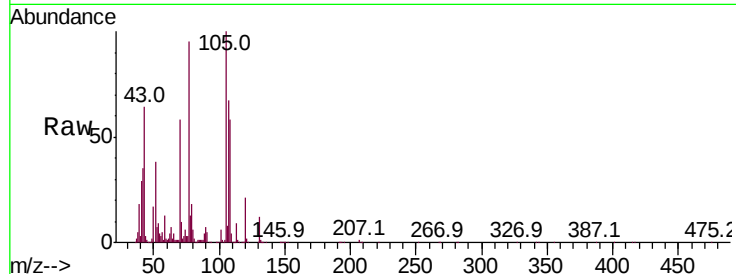
#19
n-Nitroso-di-n-propylamine
Concen: 40.669 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.0	47.5	71.3	
101	10.1	7.4	11.2	
130	20.5	16.6	25.0	

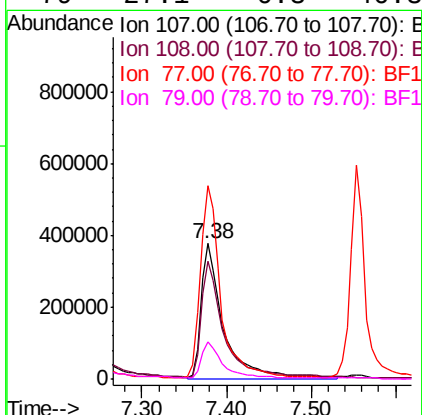
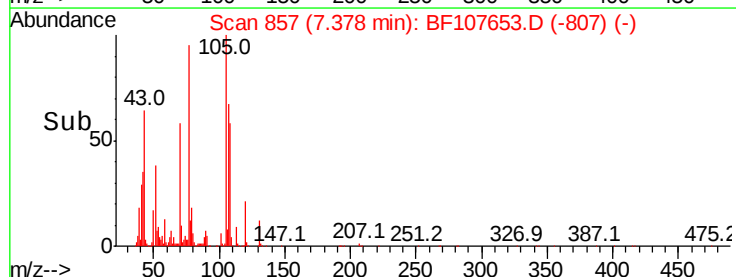
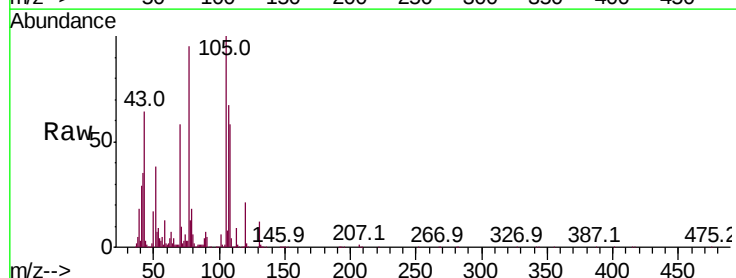
Manual Integrations
APPROVED

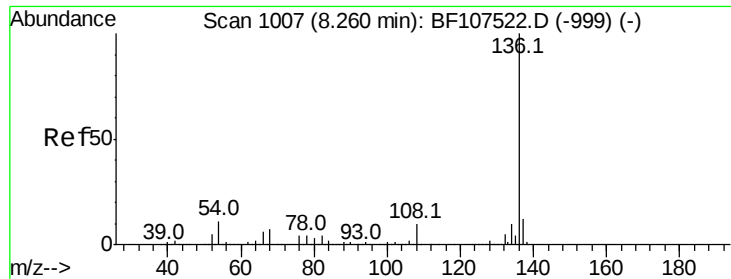
Sohil
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#20
3+4-Methylphenols
Concen: 43.231 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	68.2	108.2	
77	142.6	26.7	66.7#	
79	27.1	6.3	46.3	





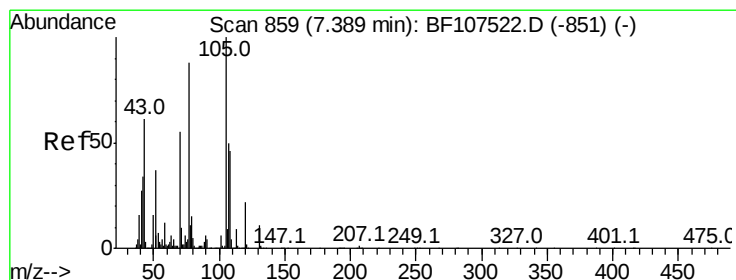
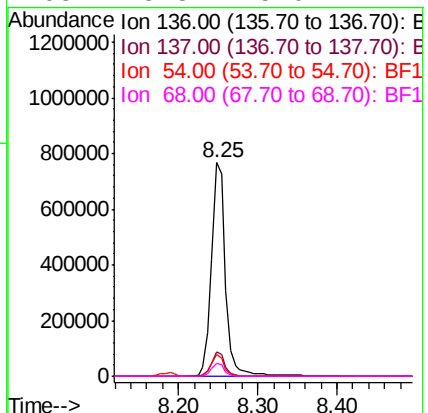
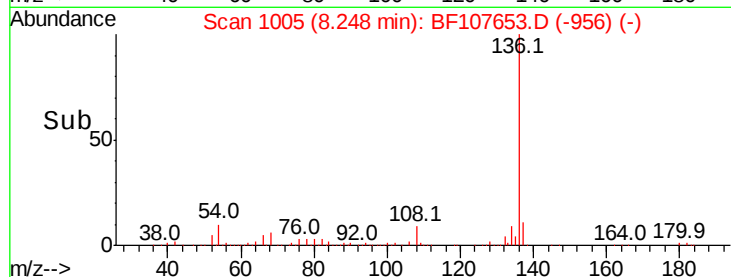
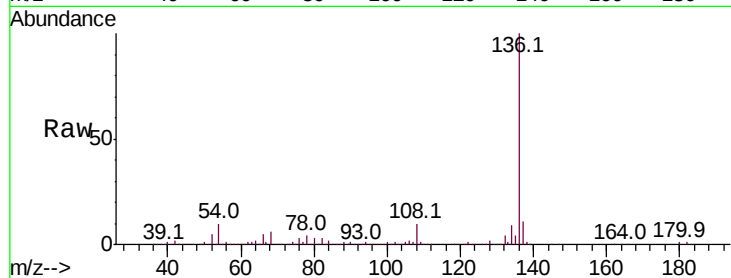
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	10.3	6.6	9.8	
68	5.8	5.0	7.4	

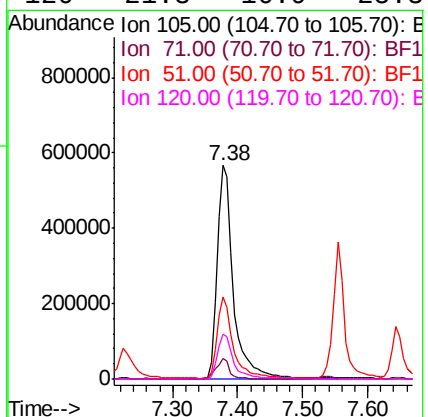
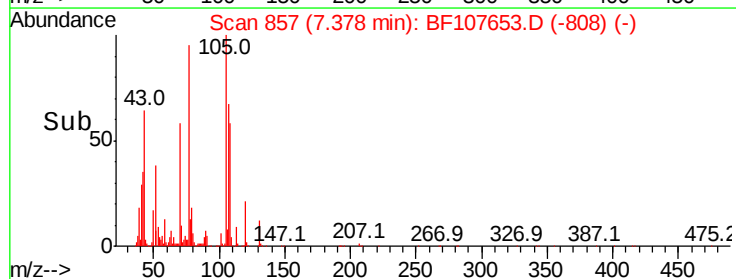
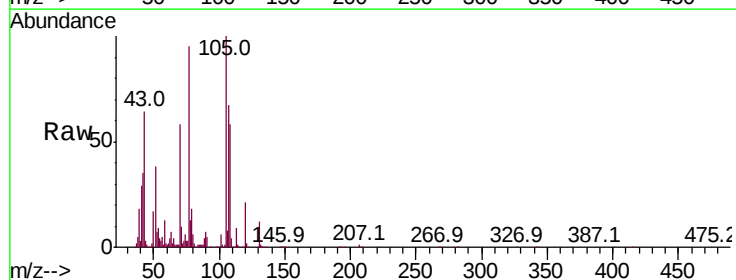
Manual Integrations
APPROVED

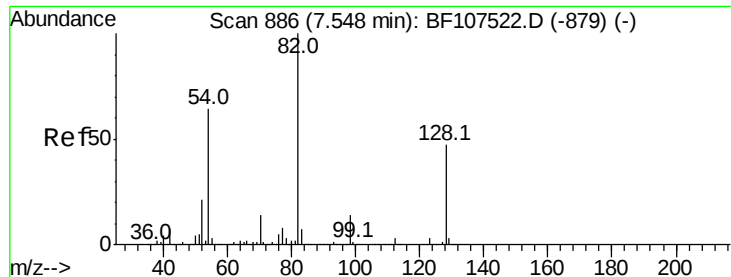
Sohil
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#22
Acetophenone
Concen: 44.455 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.7	4.4	6.6	
51	38.1	22.3	33.5	
120	21.3	16.9	25.3	





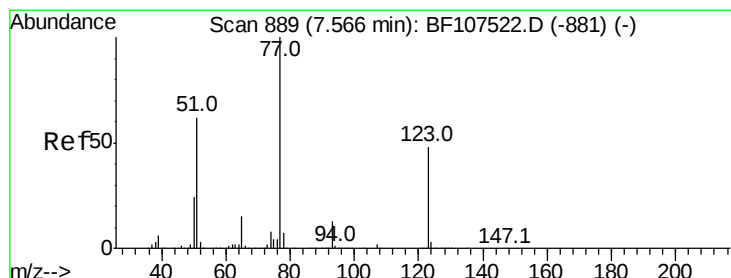
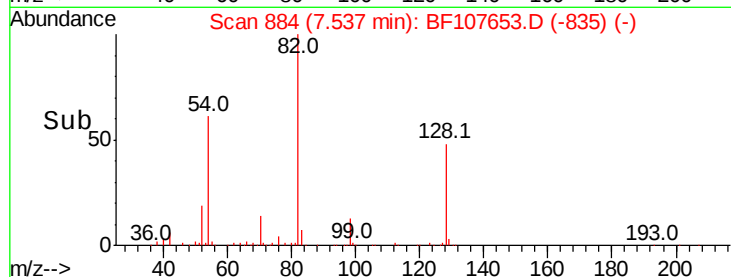
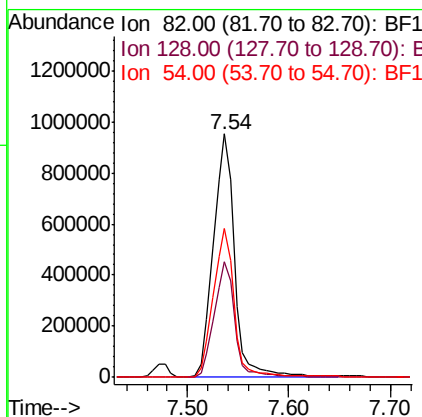
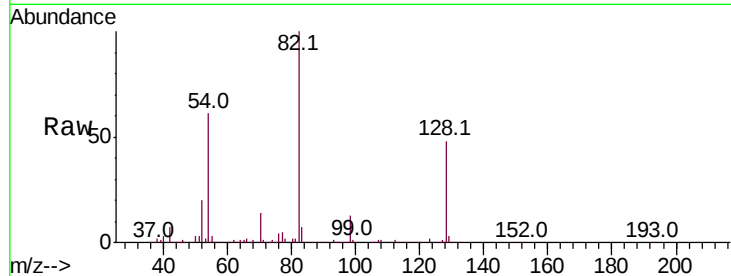
#23
 Nitrobenzene-d5
 Concen: 99.500 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion: 82 Resp: 1385724
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 61.3 41.4 62.2

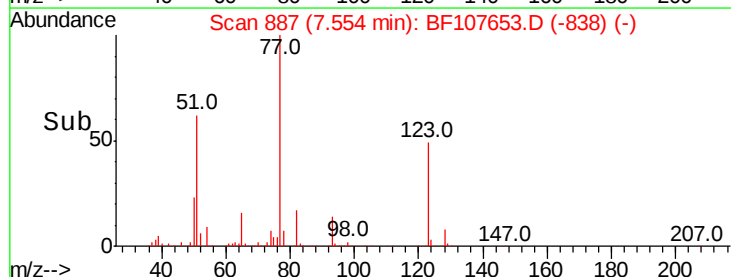
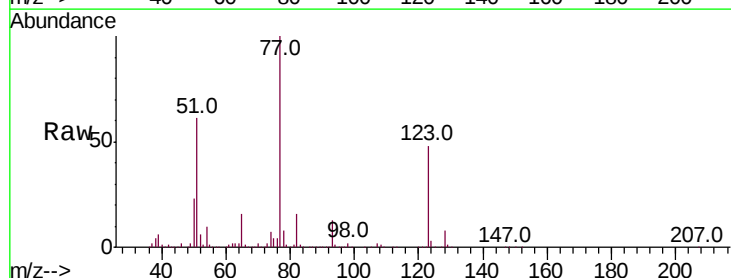
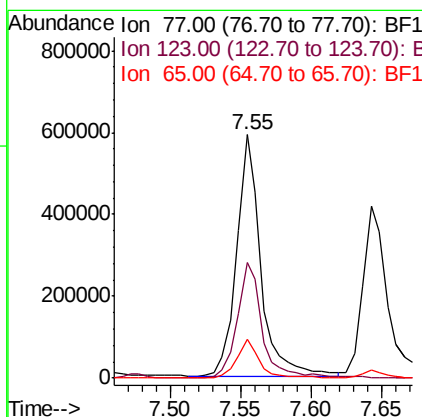
Manual Integrations
 APPROVED

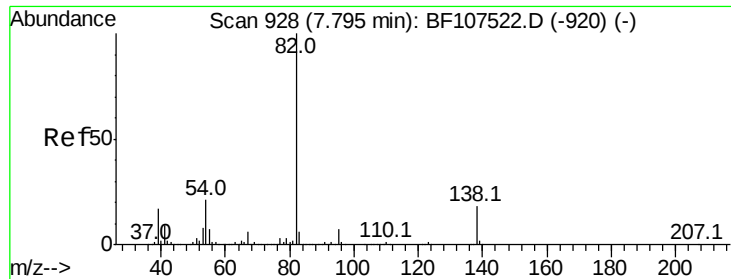
Sohil
 7/26/2018 2:02:44 PM



#24
 Nitrobenzene
 Concen: 44.030 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion: 77 Resp: 702343
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.9 56.9
 65 15.8 11.0 16.4





#25

Isophorone

Concen: 44.125 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion: 82 Resp: 1312099

Ion Ratio Lower Upper

82 100

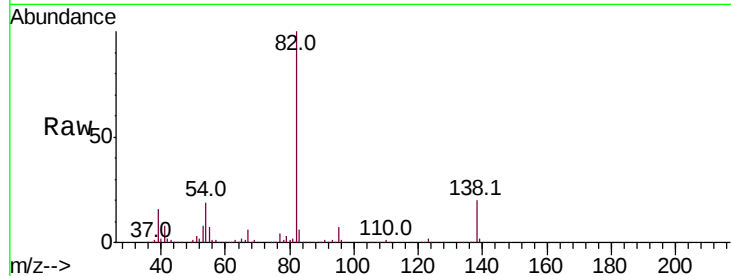
95 7.3 5.2 7.8

138 19.6 14.9 22.3

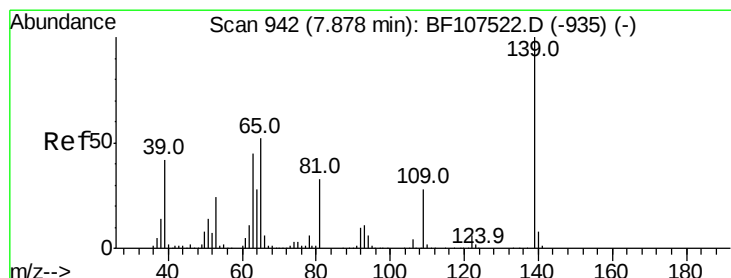
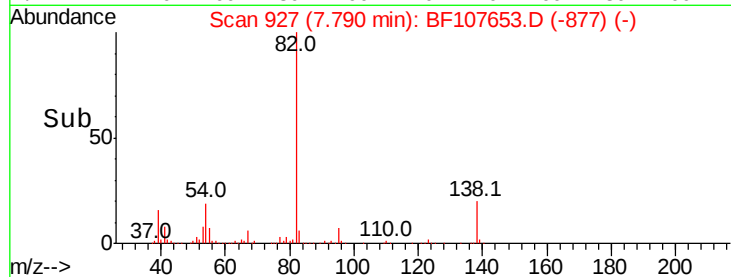
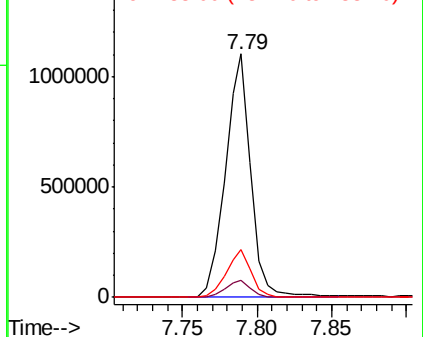
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.454 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

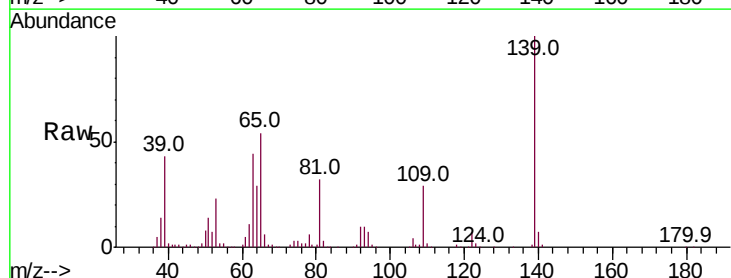
Tgt Ion: 139 Resp: 393753

Ion Ratio Lower Upper

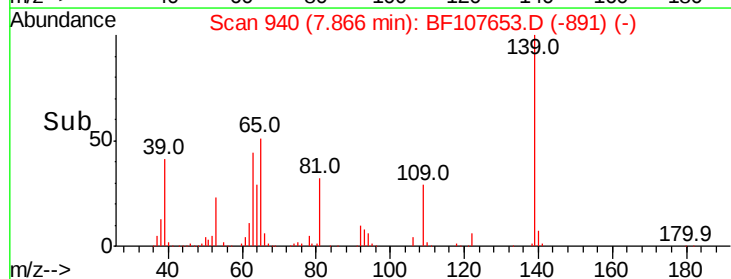
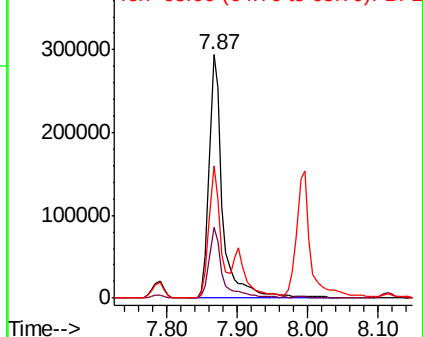
139 100

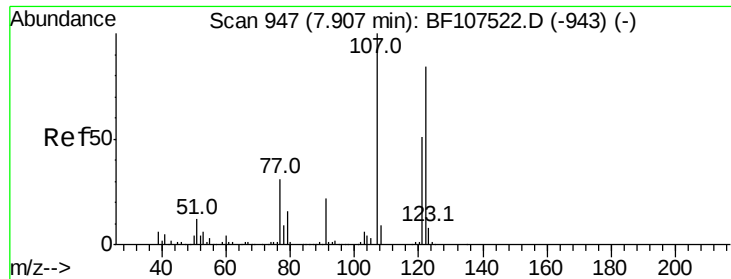
109 29.1 22.7 34.1

65 54.2 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): E
400000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





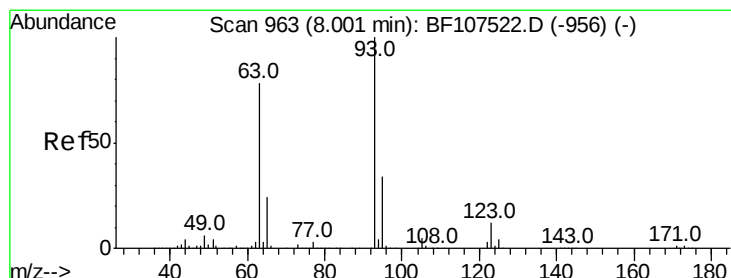
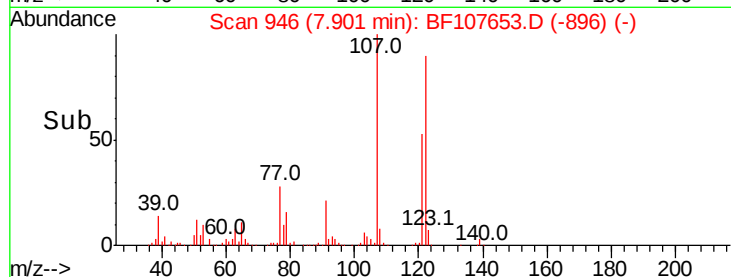
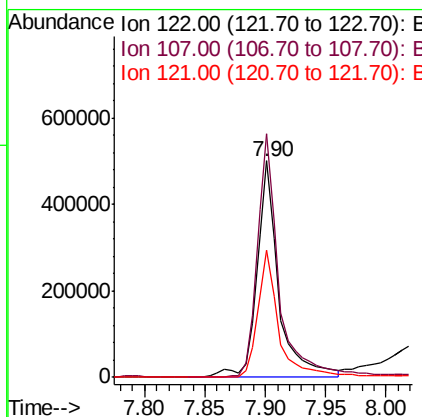
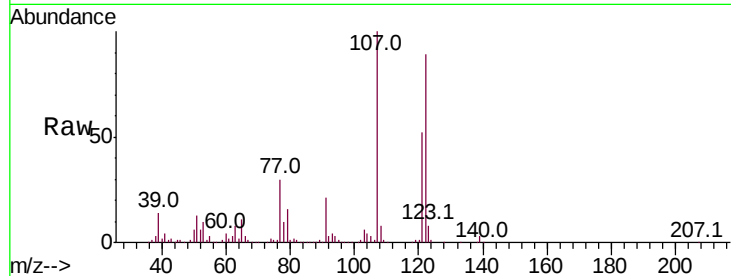
#27
 2,4-Dimethylphenol
 Concen: 49.209 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	58.7	47.2	70.8

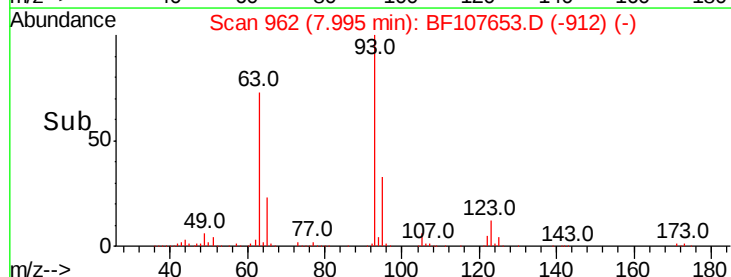
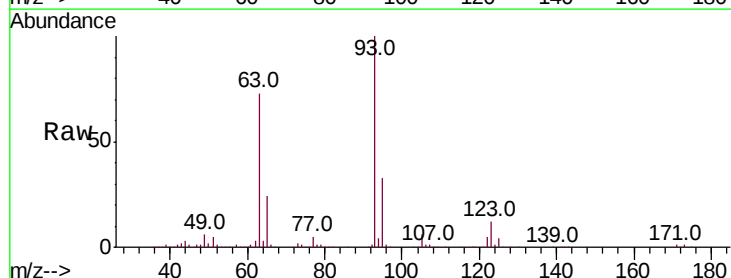
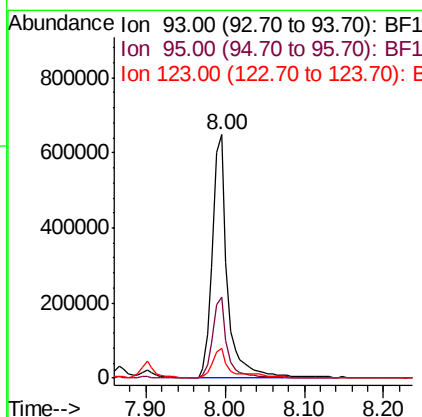
Manual Integrations
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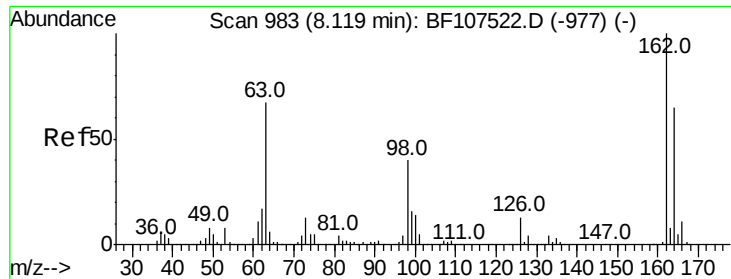
Sohil
 7/26/2018 2:02:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.751 ng
 RT: 8.00 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.2	9.8	14.6





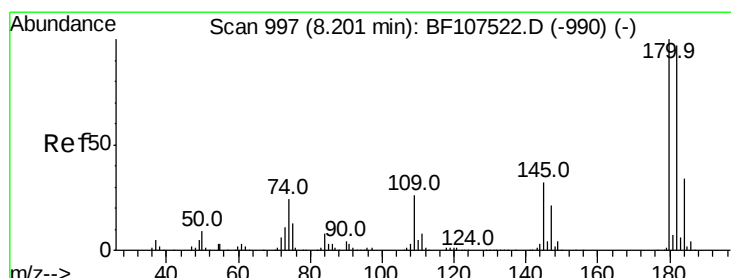
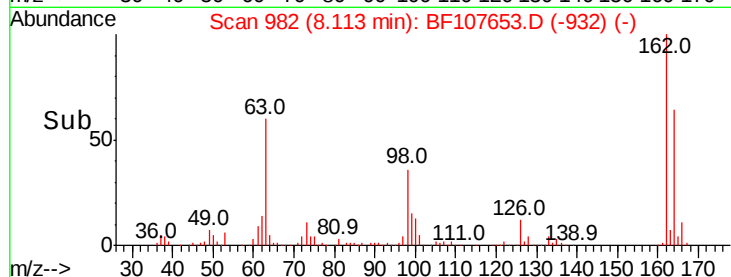
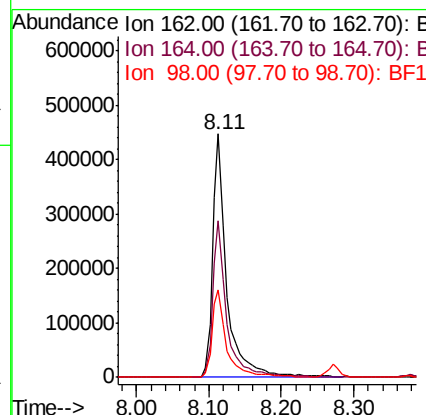
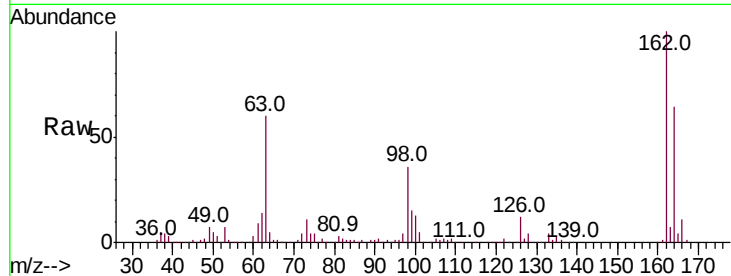
#29
2,4-Dichlorophenol
Concen: 46.386 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	604529		
164	64.4	42.7	82.7	
98	35.7	18.1	58.1	

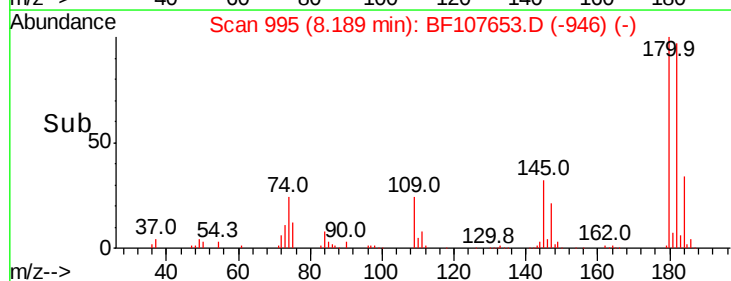
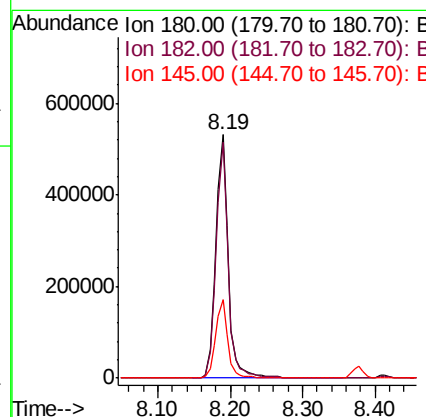
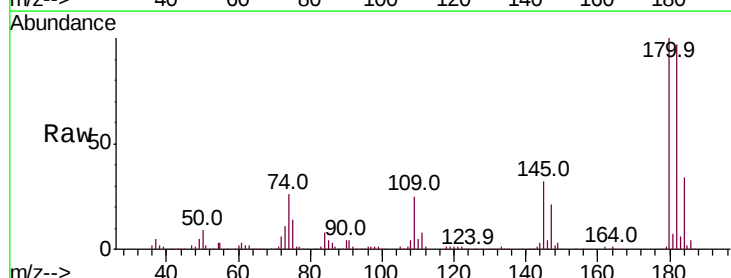
Manual Integrations
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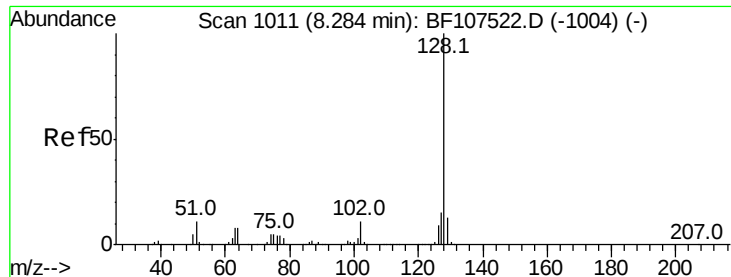
Sohil
7/26/2018 2:02:44 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.455 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	636082		
182	96.9	76.8	115.2	
145	32.4	26.5	39.7	





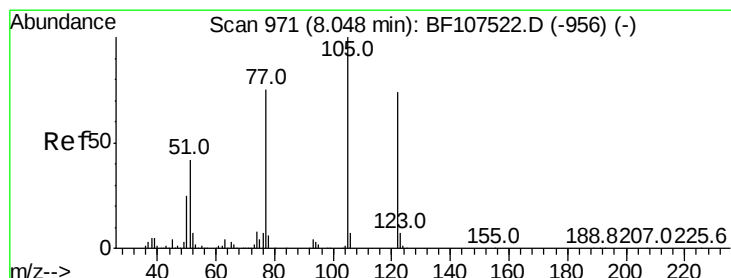
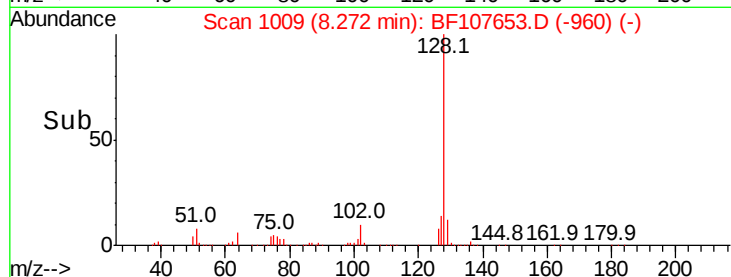
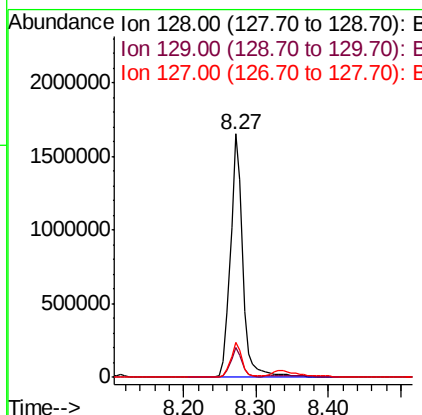
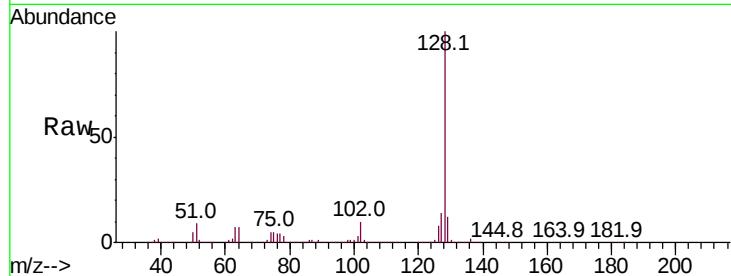
#31
Naphthalene
Concen: 48.055 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	14.1	10.9	16.3

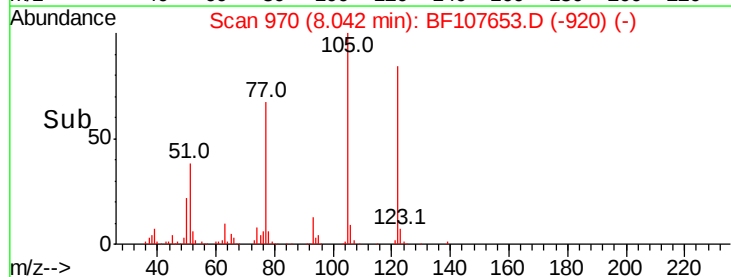
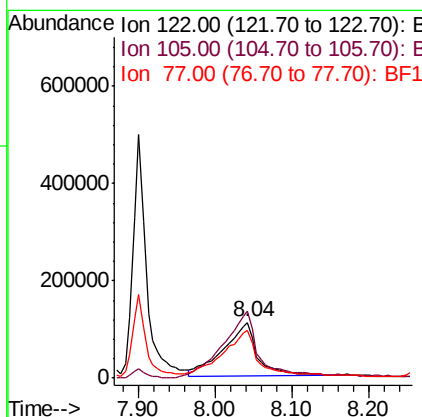
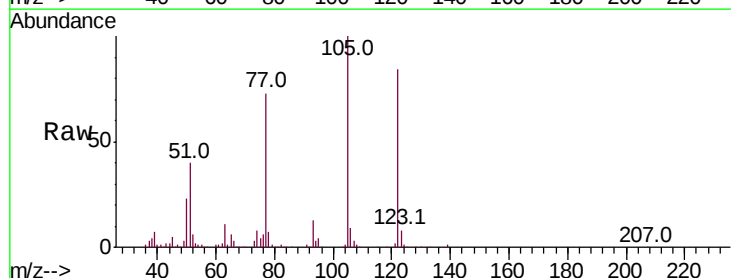
Manual Integrations
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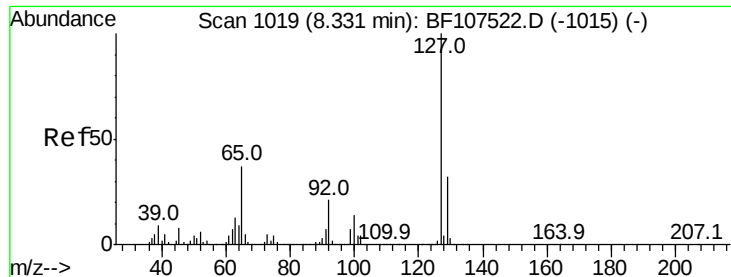
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#32
Benzoic acid
Concen: 40.316 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	101.1	141.1
77	86.5	70.7	110.7





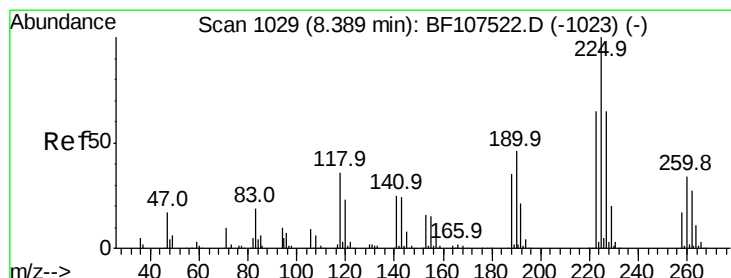
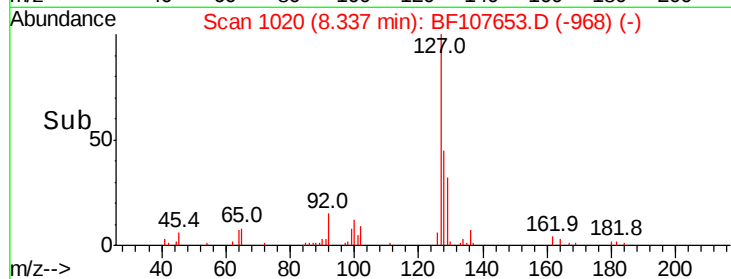
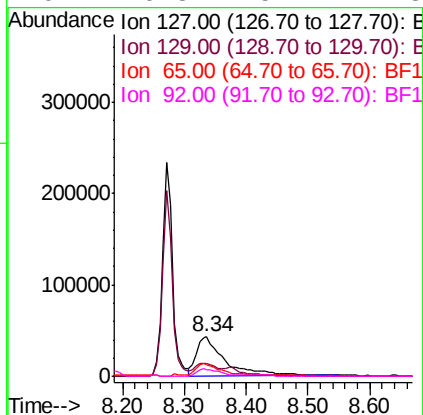
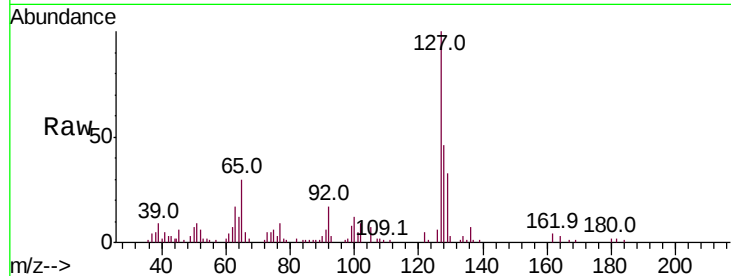
#33
4-Chloroaniline
Concen: 7.682 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.9	38.9	
65	30.3	25.0	37.4	
92	16.8	15.2	22.8	

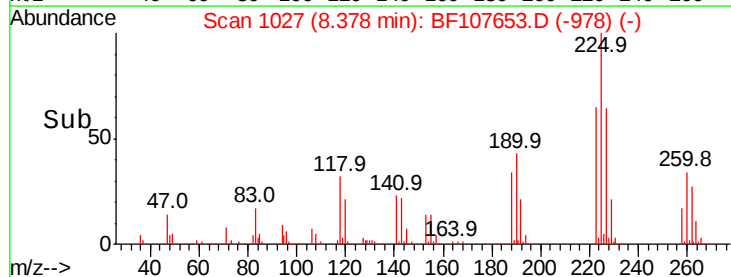
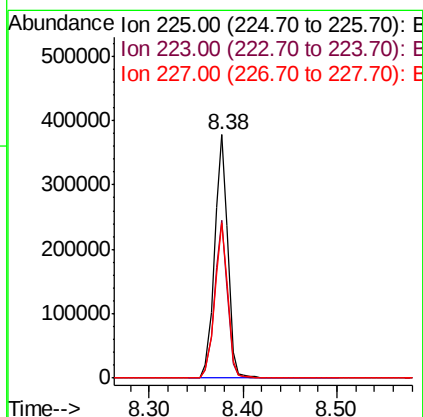
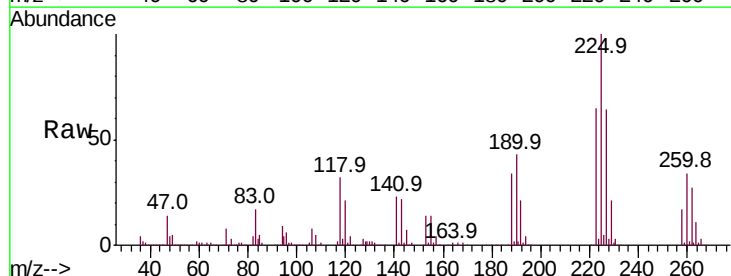
Manual Integrations
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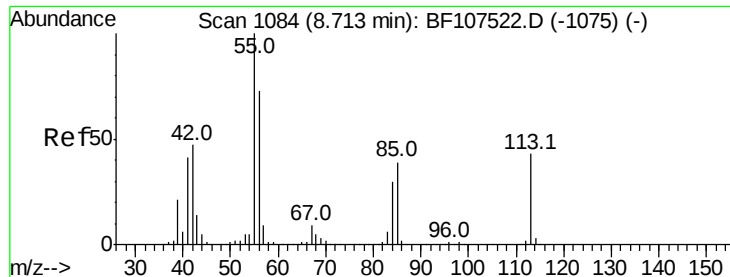
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#34
Hexachlorobutadiene
Concen: 43.491 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	50.6	76.0	
227	63.8	51.9	77.9	





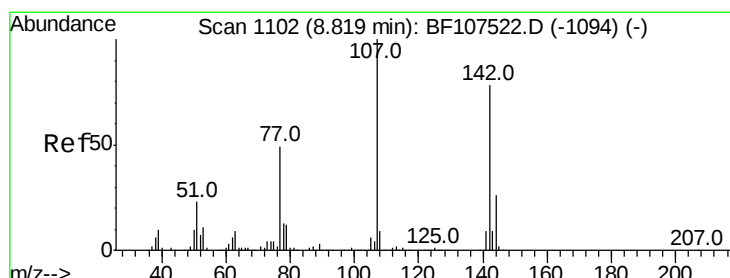
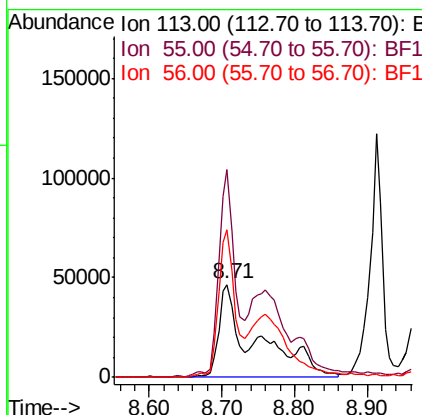
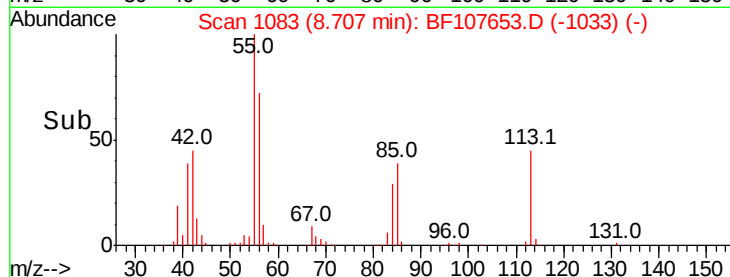
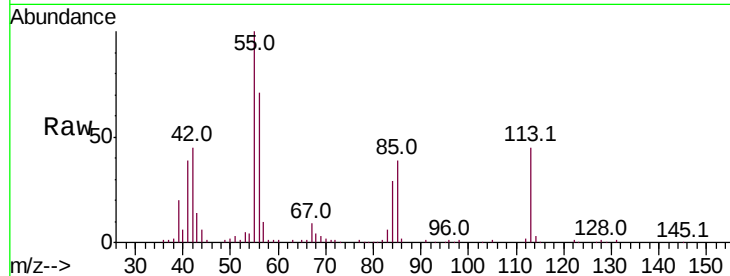
#35
 Caprolactam
 Concen: 38.461 ng/ml
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleID :
 TP-1MSD

Tot Ion:113 Resp: 163038
 Ion Ratio Lower Upper
 113 100
 55 223.7 163.3 203.3#
 56 159.4 115.7 155.7#

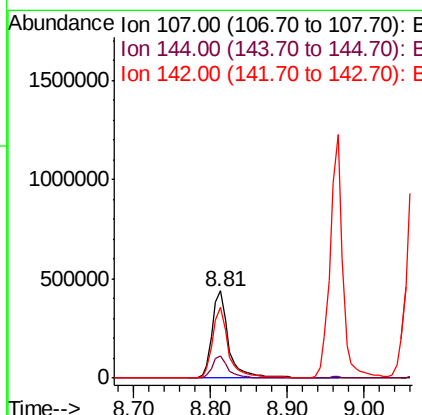
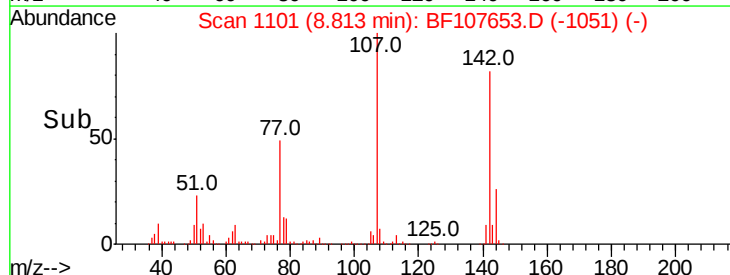
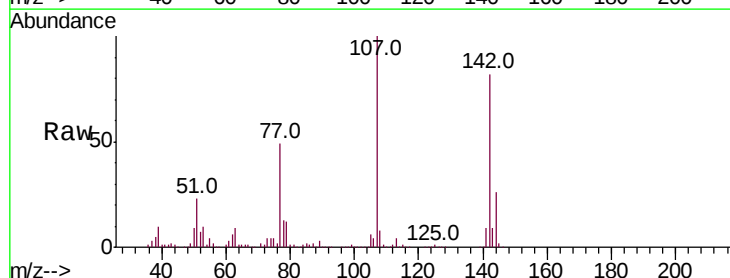
Manual Integrations
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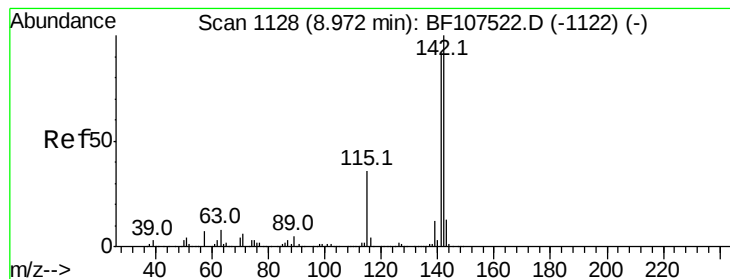
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#36
 4-Chloro-3-methylphenol
 Concen: 45.355 ng/ml
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:107 Resp: 656607
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.5 62.0 93.0





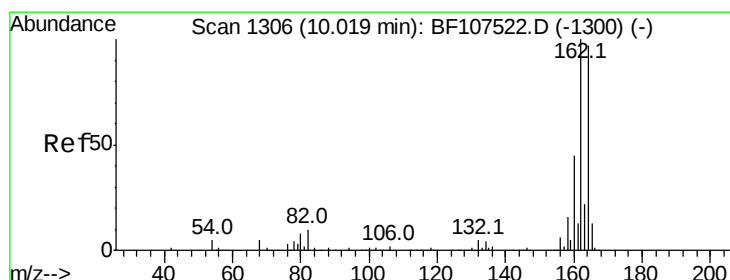
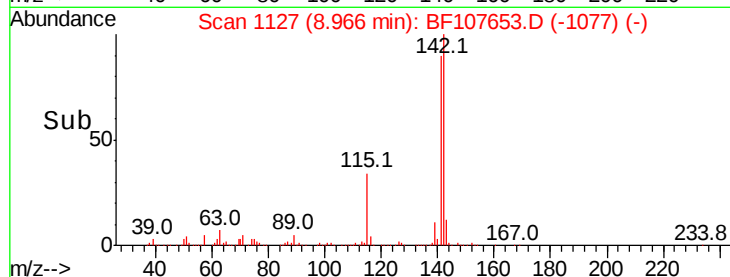
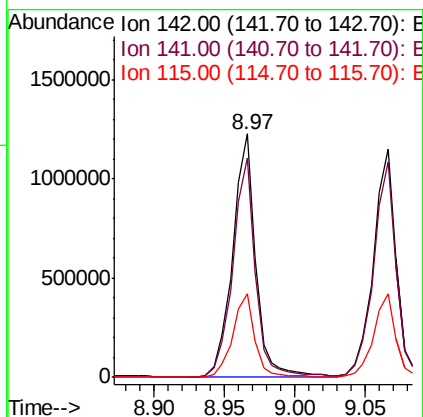
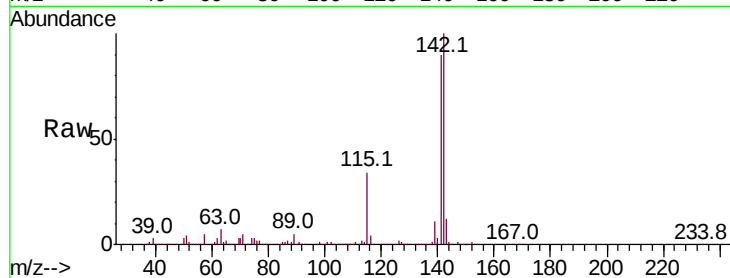
#37
2-Methylnaphthalene
Concen: 48.882 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	34.1	26.1	39.1

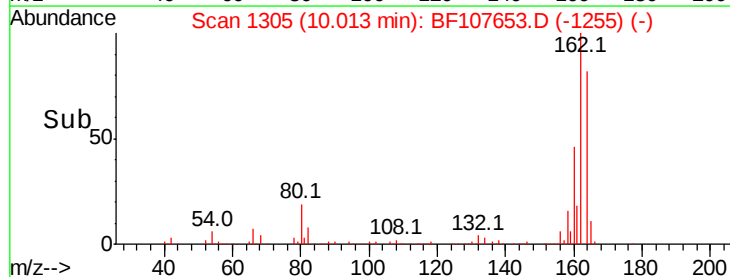
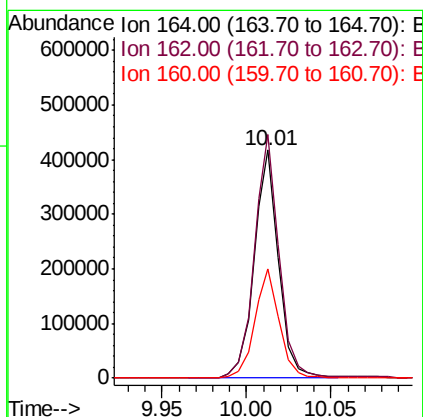
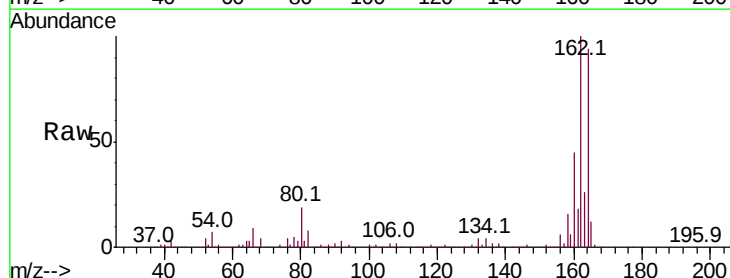
Manual Integrations
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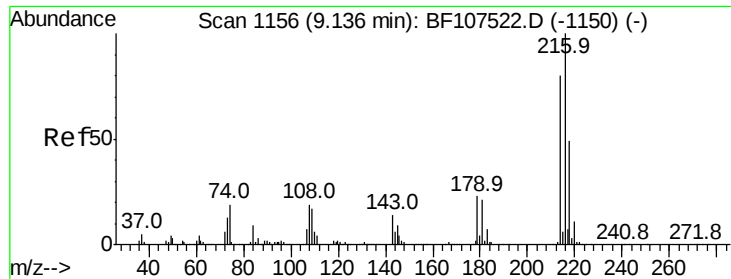
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	48.1	38.3	57.5





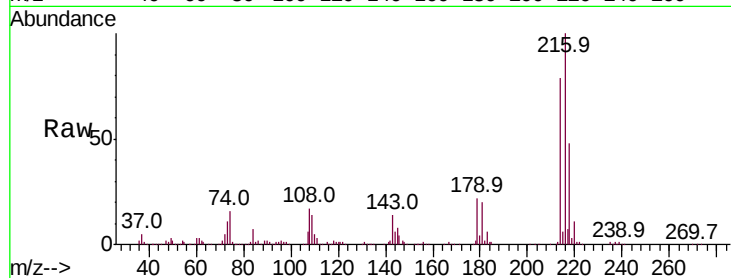
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.087 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

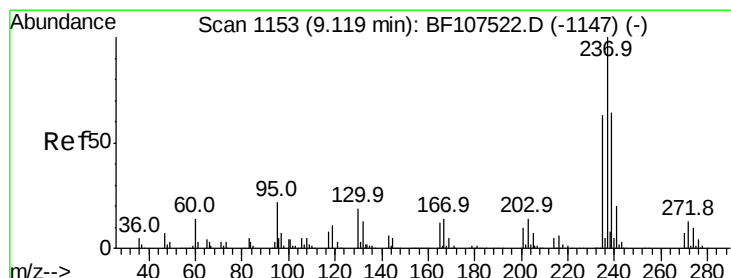
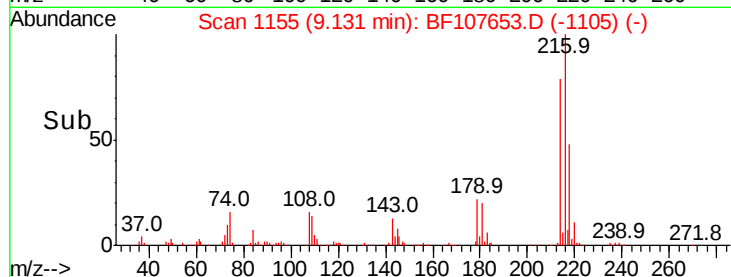
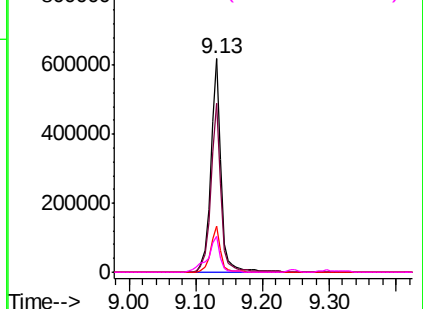
Tot Ion	Ratio	Resp	Lower	Upper
216	100	661559		
214	79.2	63.0	94.4	
179	21.0	18.1	27.1	
108	20.0	17.2	25.8	

Manual Integrations
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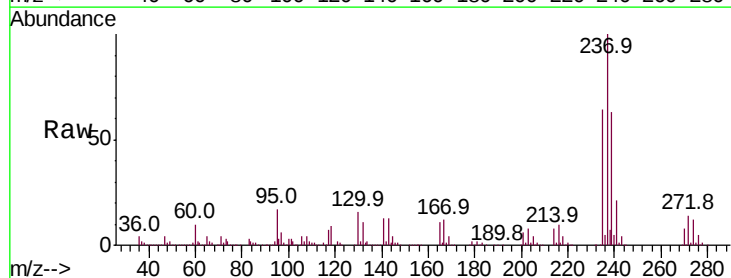


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

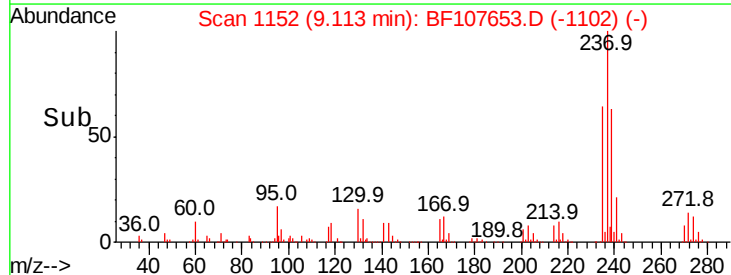
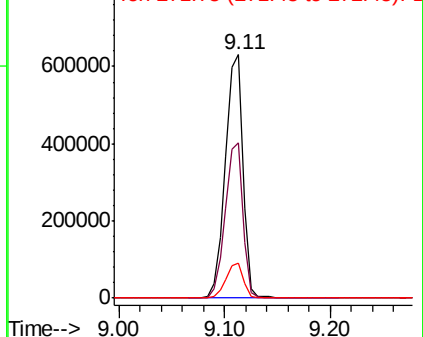


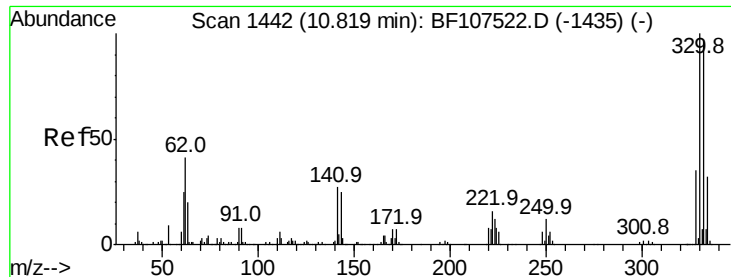
#40
 Hexachlorocyclopentadiene
 Concen: 102.604 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	732800		
235	63.9	44.8	84.8	
272	14.5	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





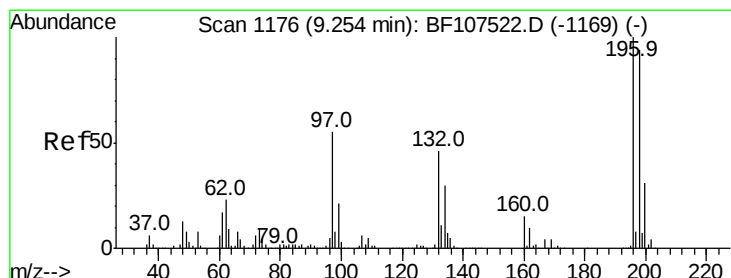
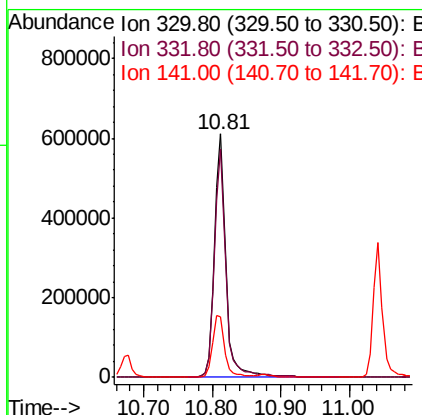
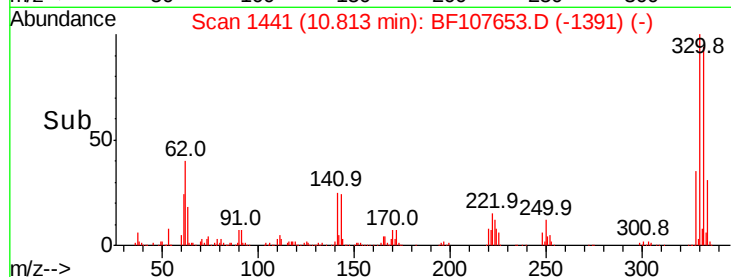
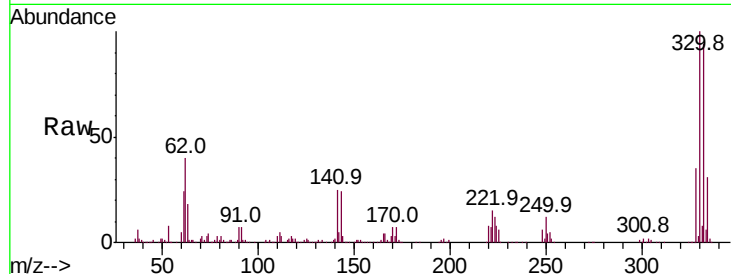
#41
 2,4,6-Tribromophenol
 Concen: 145.560 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	697232		
332	94.7	77.0	115.6	
141	27.6	29.9	44.9#	

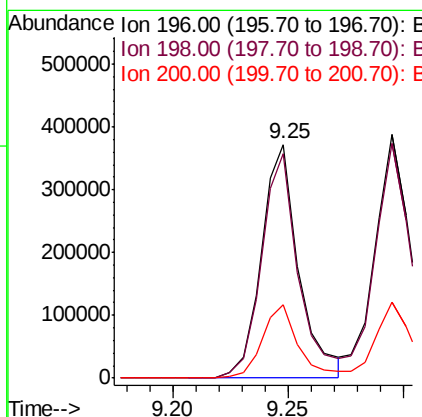
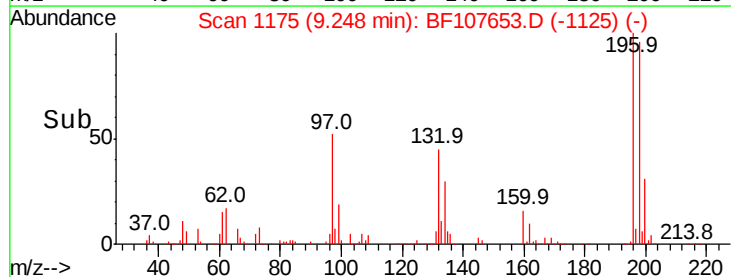
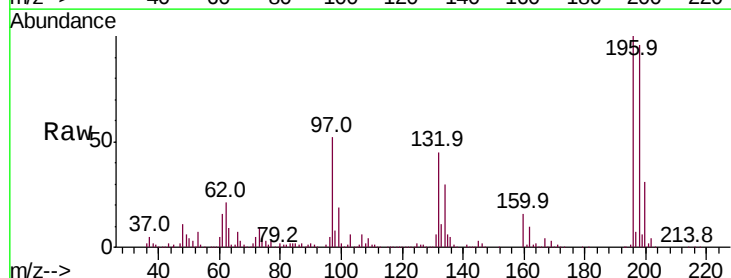
Manual Integrations
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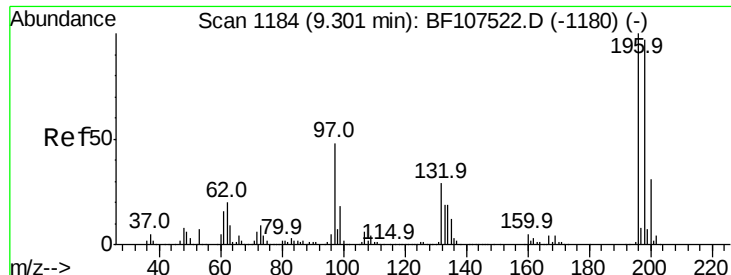
Sohil
 7/26/2018 2:02:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.621 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	419258		
198	95.9	75.7	113.5	
200	31.5	24.5	36.7	





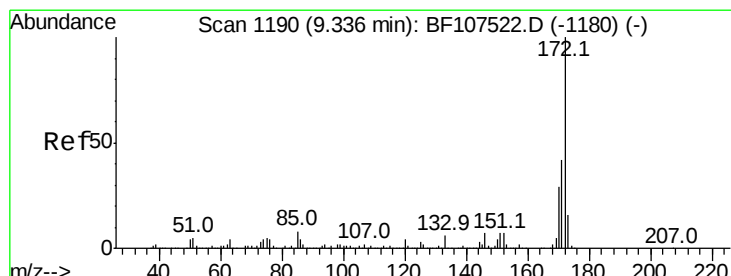
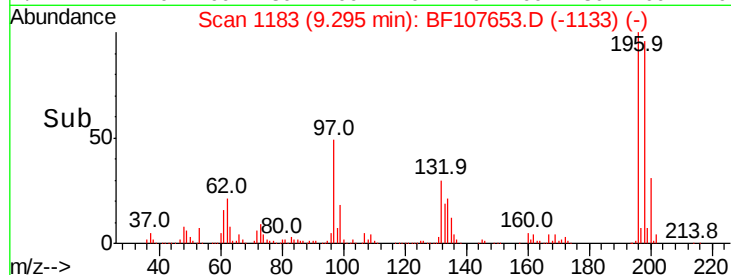
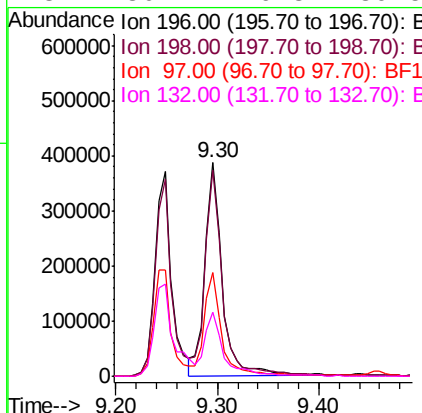
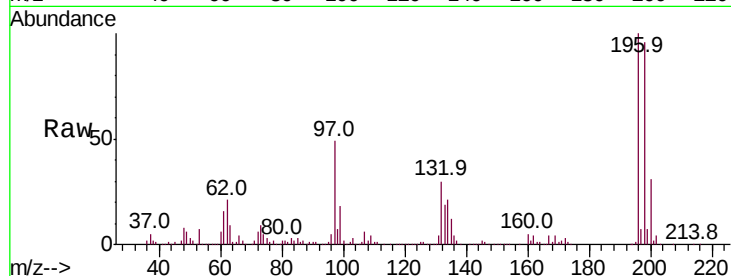
#43
 2,4,5-Trichlorophenol
 Concen: 48.990 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	460450		
198	96.5	74.6	112.0	
97	48.8	42.9	64.3	
132	30.2	26.3	39.5	

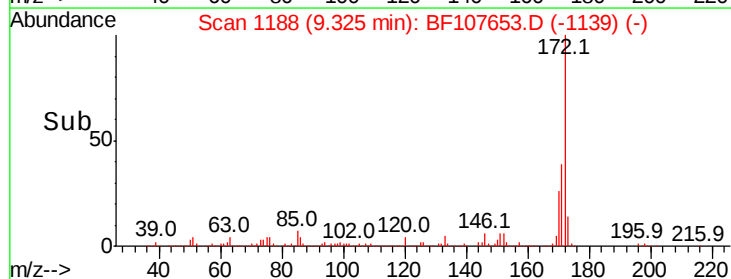
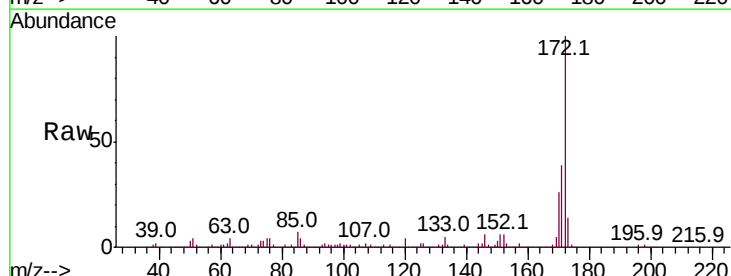
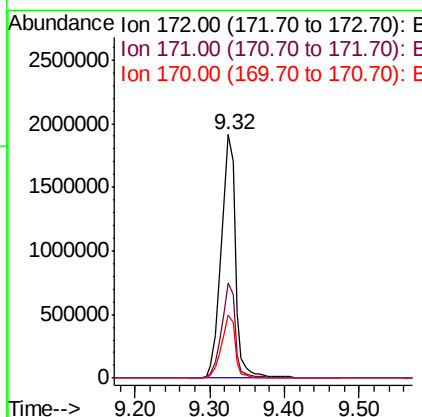
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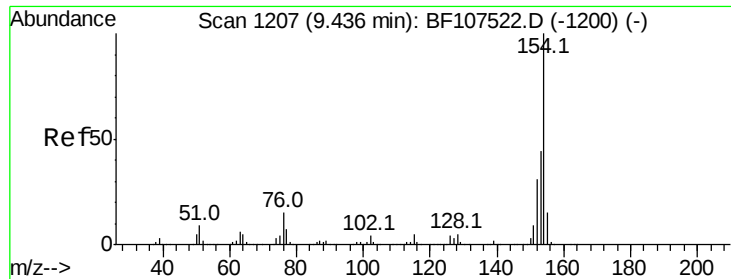
Sohil
 7/26/2018 2:02:44 PM



#44
 2-Fluorobiphenyl
 Concen: 114.518 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2565197		
171	39.1	29.7	44.5	
170	26.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 46.205 ng

RT: 9.43 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:154 Resp: 1695444

Ion Ratio Lower Upper

154 100

153 42.9 21.3 61.3

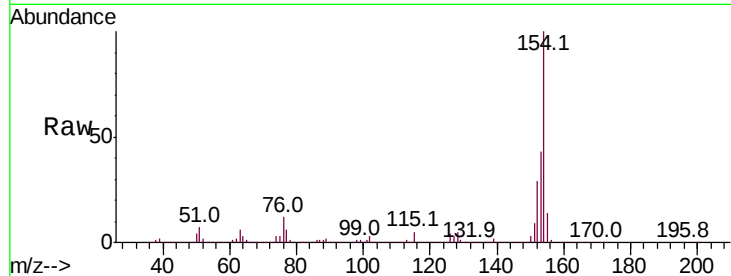
76 12.2 0.0 34.0

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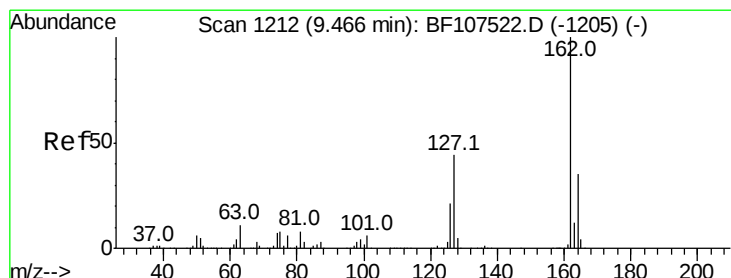
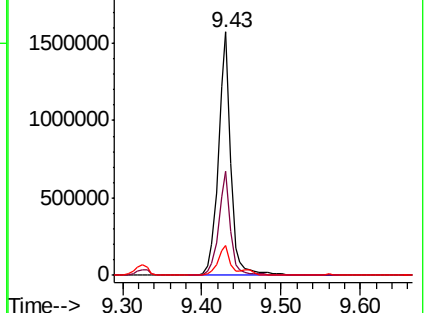
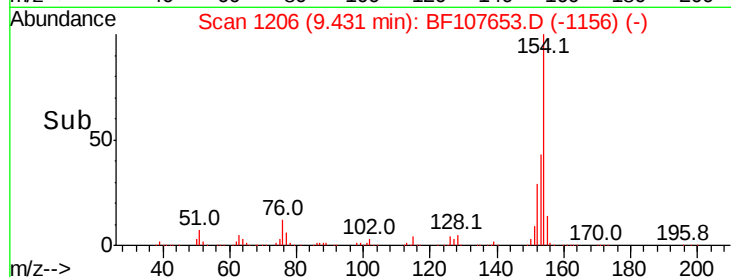
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 45.775 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

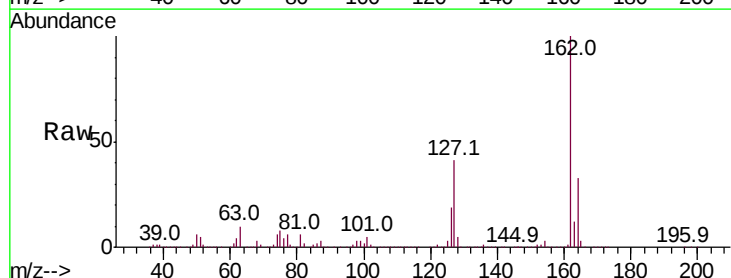
Tgt Ion:162 Resp: 1283862

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

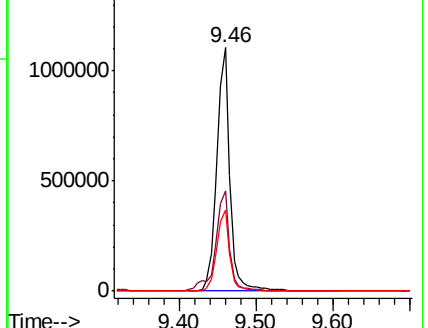
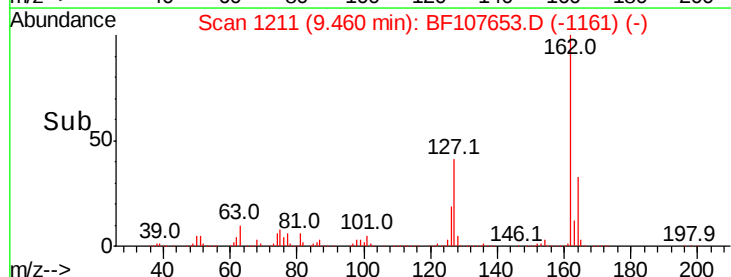
164 33.0 26.5 39.7

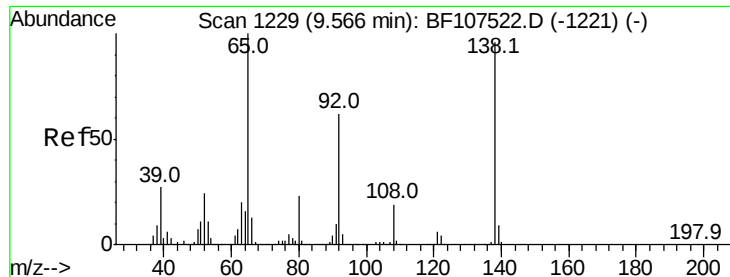


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.620 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

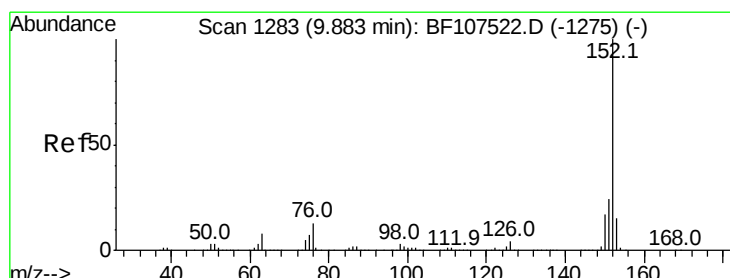
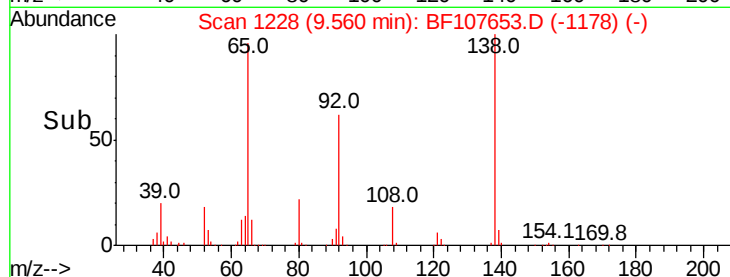
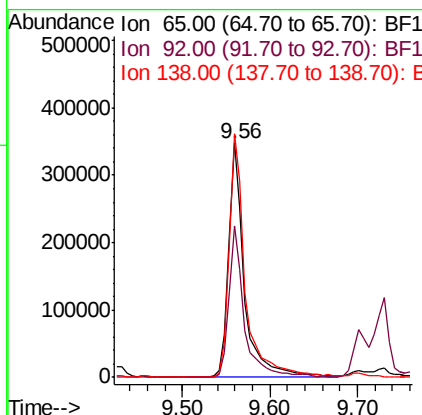
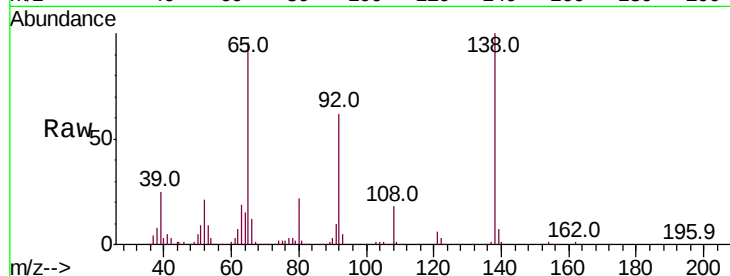
ClientSampleId :

TP-1MSD

Tot Ion:	65	Resp:	438440
Ion Ratio	Lower	Upper	
65	100		
92	64.5	55.8	83.6
138	103.8	91.2	136.8

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#48

Acenaphthylene

Concen: 48.145 ng

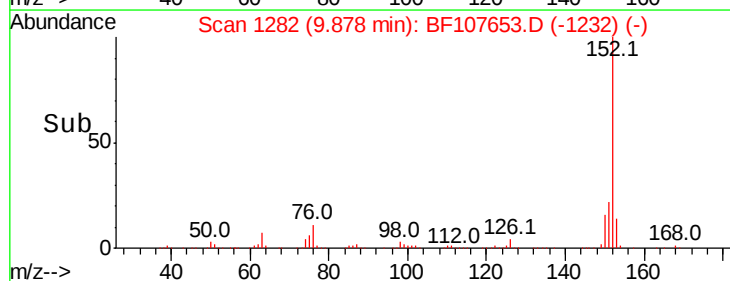
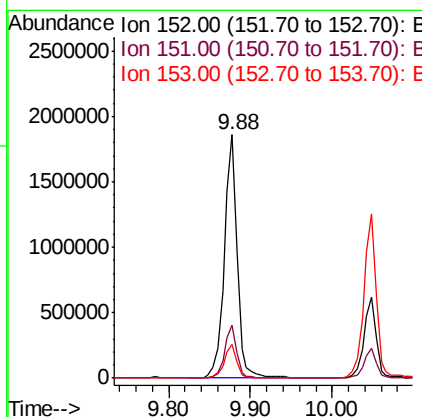
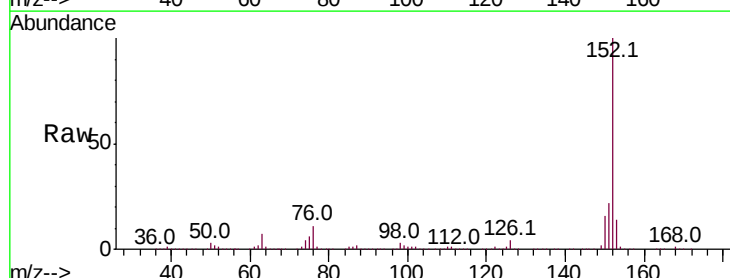
RT: 9.88 min Scan# 1282

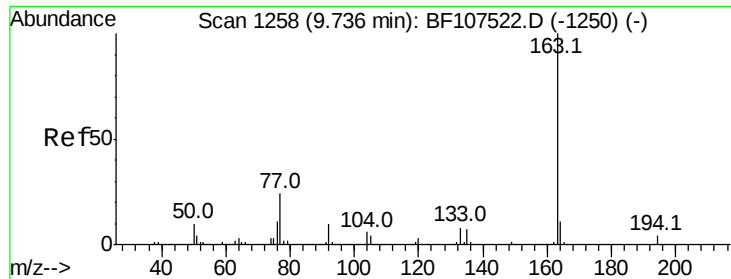
Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Tgt Ion:	152	Resp:	2028480
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.3	24.5
153	14.0	10.7	16.1





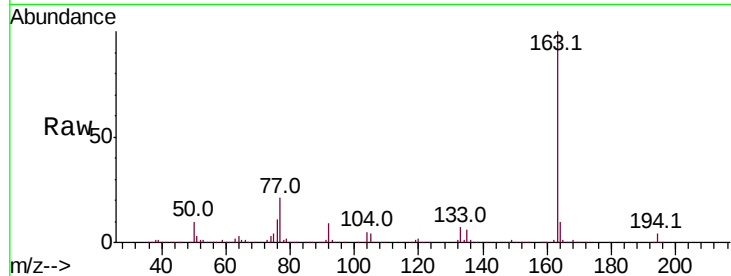
#49
Dimethylphthalate
Concen: 46.197 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

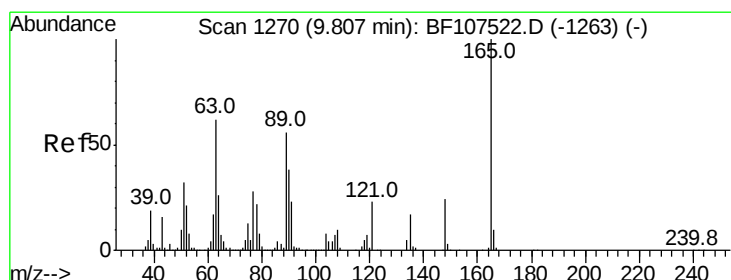
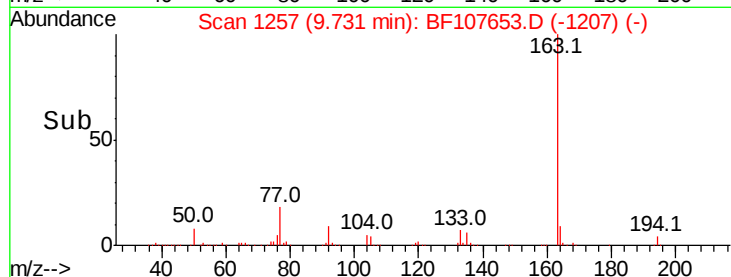
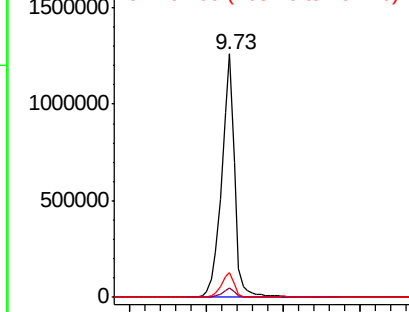
Tot Ion:163 Resp: 1466582
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

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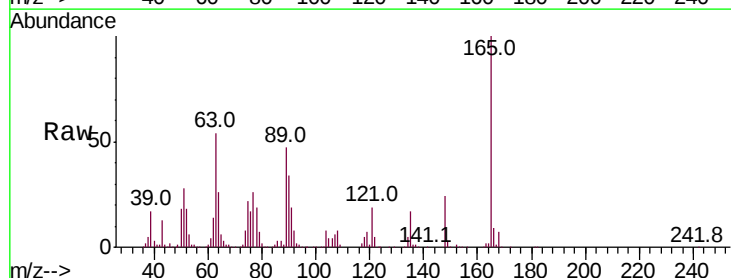


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

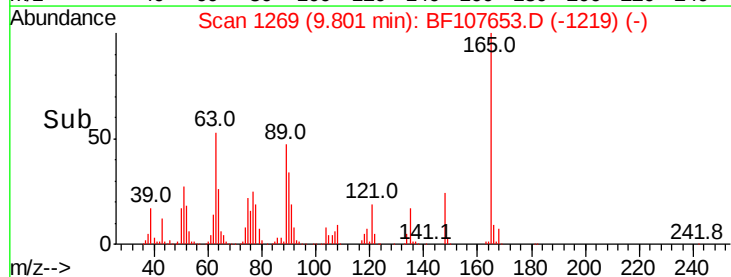
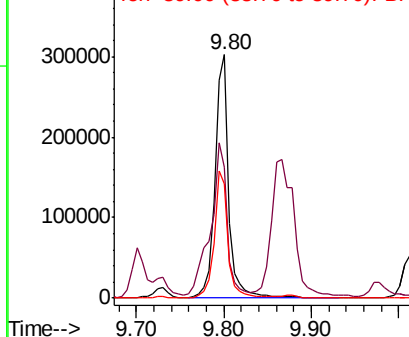


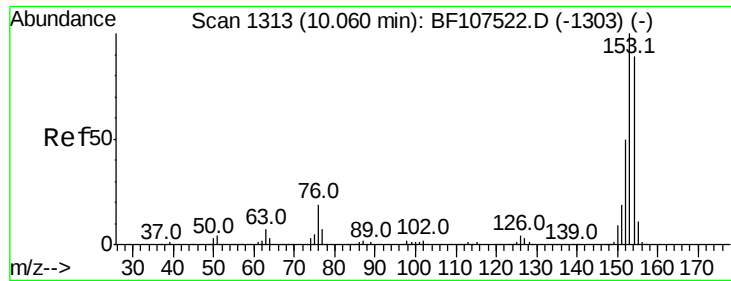
#50
2,6-Dinitrotoluene
Concen: 52.464 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:165 Resp: 330678
Ion Ratio Lower Upper
165 100
63 53.7 44.7 67.1
89 47.1 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: 43.319 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:154 Resp: 1143558

Ion Ratio Lower Upper

154 100

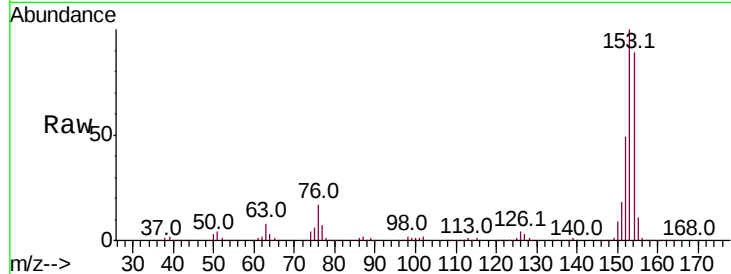
153 112.9 91.2 136.8

152 55.6 43.8 65.8

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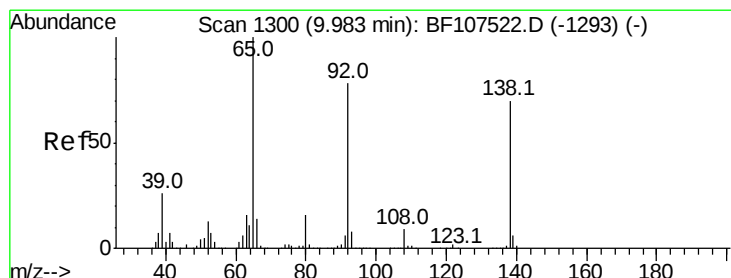
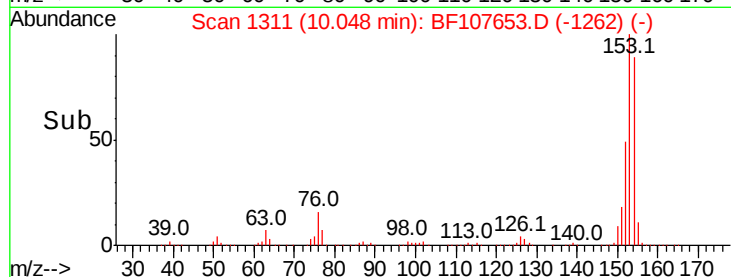
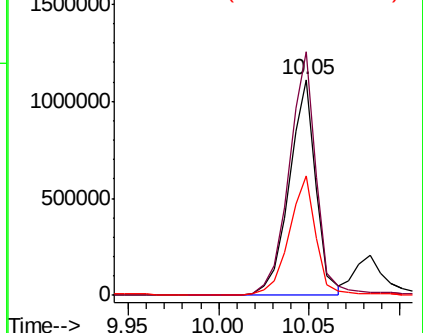
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.477 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

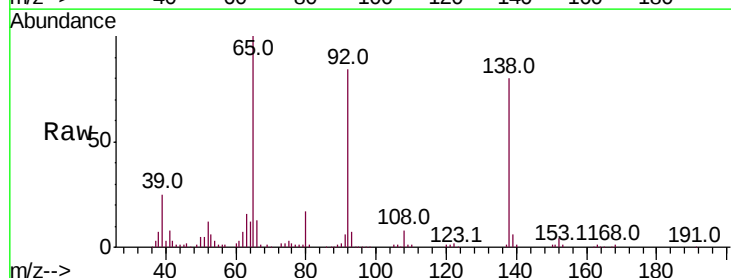
Tgt Ion:138 Resp: 141682

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

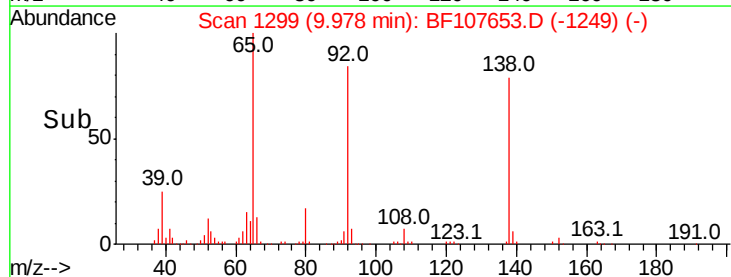
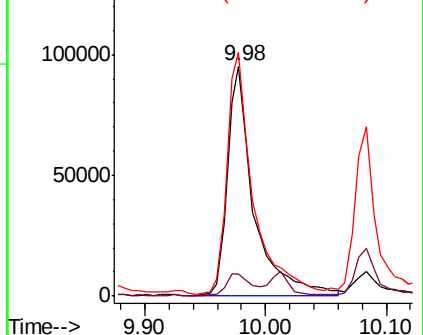
92 106.0 89.4 134.2

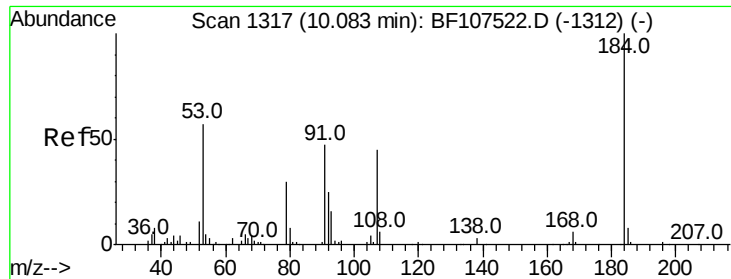


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





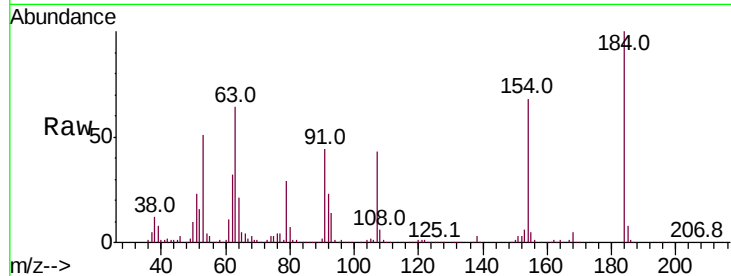
#53
2,4-Dinitrophenol
Concen: 109.214 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

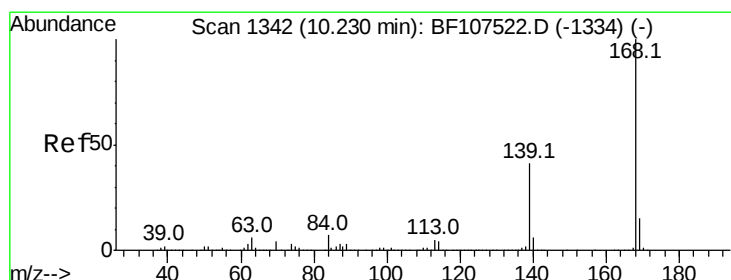
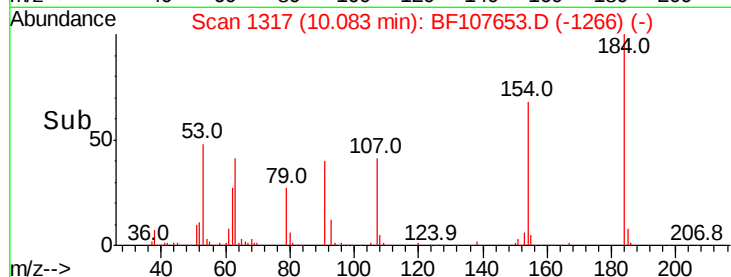
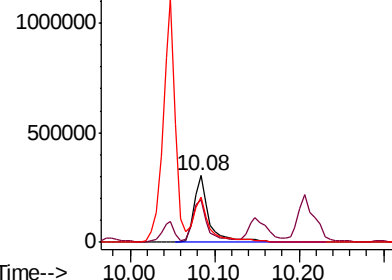
Tot Ion	Ratio	Lower	Upper
184	100		
63	64.4	54.2	81.2
154	67.9	184.0	276.0#

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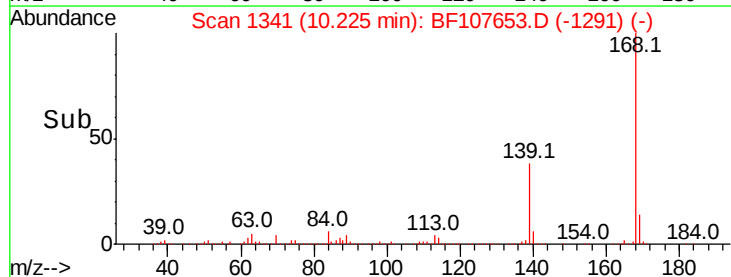
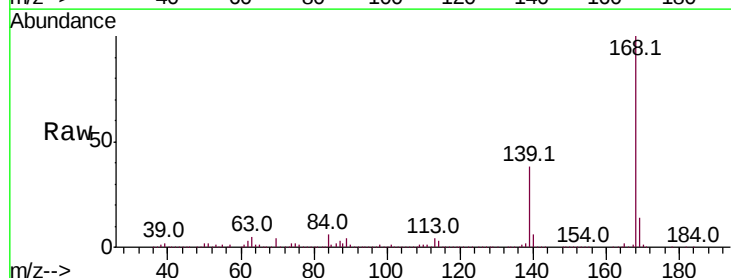
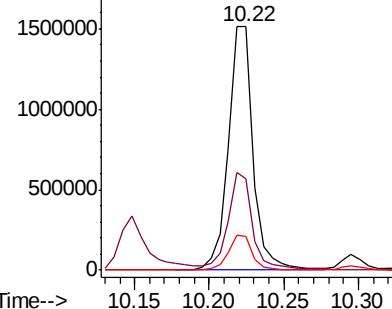
Abundance Ion 184.00 (183.70 to 184.70): E
1500000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

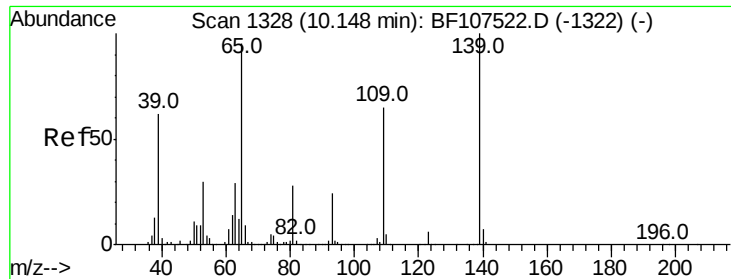


#54
Dibenzofuran
Concen: 45.018 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.7	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





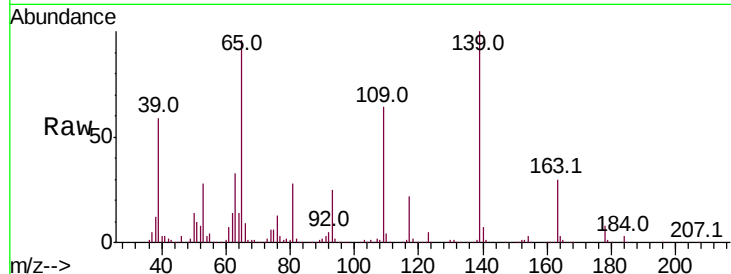
#55
4-Nitrophenol
Concen: 74.850 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.4	48.4	88.4
65	96.5	72.6	112.6

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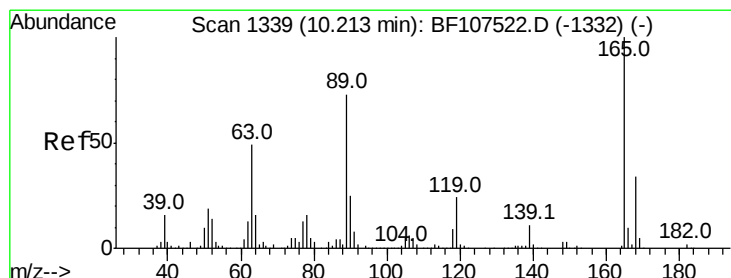
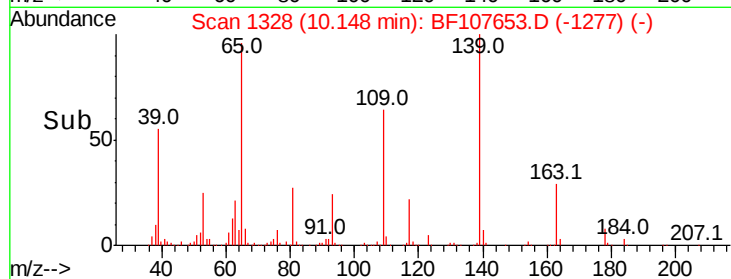
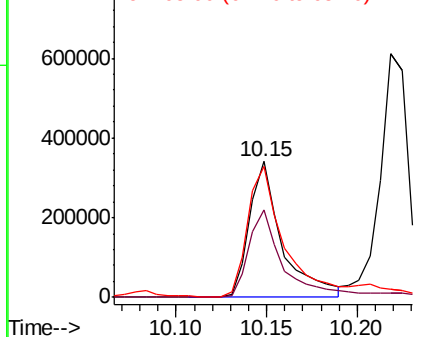


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 53.410 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	36.4	54.6
89	70.5	57.8	86.6
182	2.4	1.6	2.4#

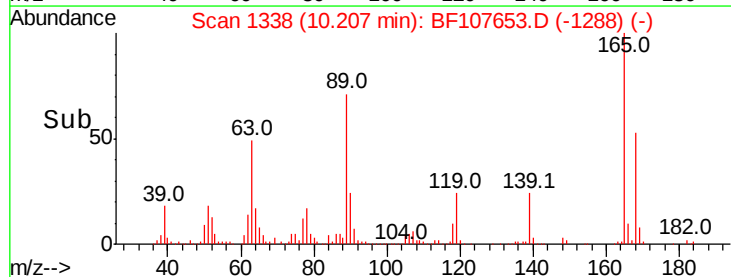
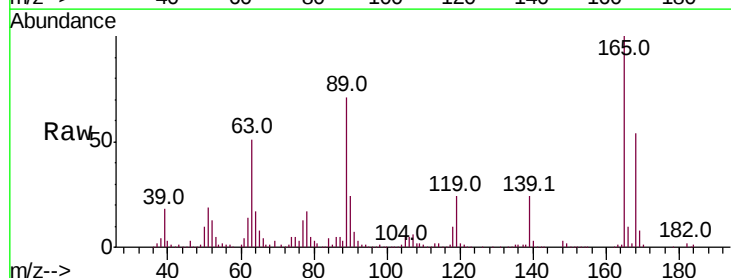
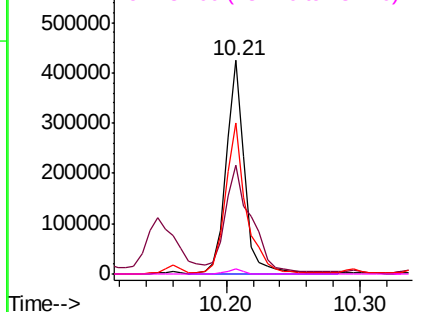
Abundance

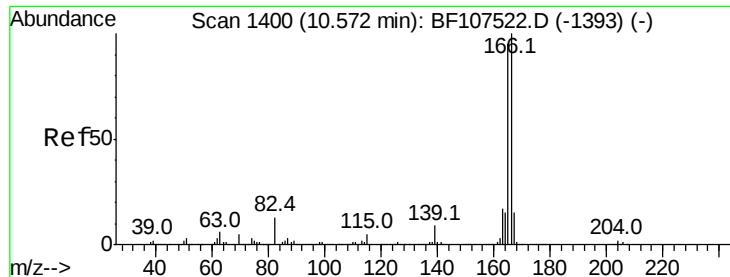
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





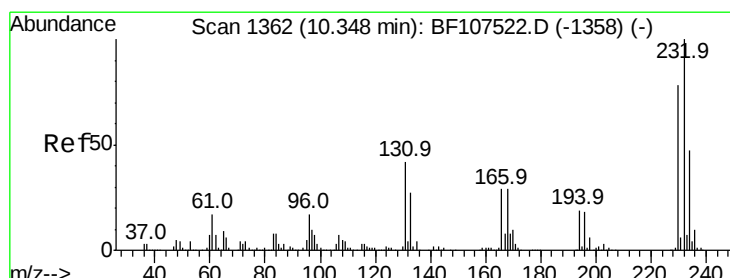
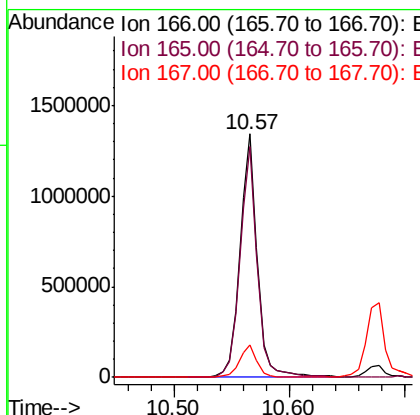
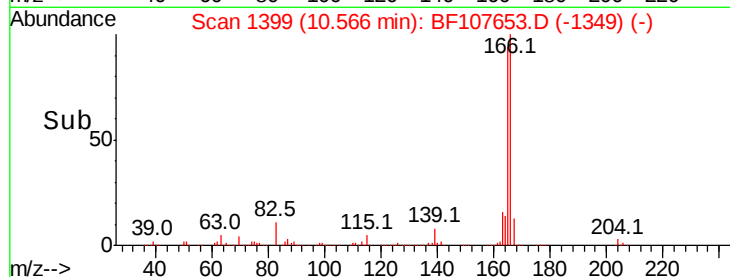
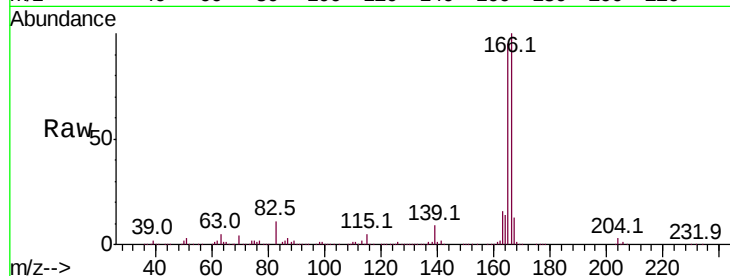
#57
 Fluorene
 Concen: 50.231 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.6	79.8	119.8
167	13.4	10.6	16.0

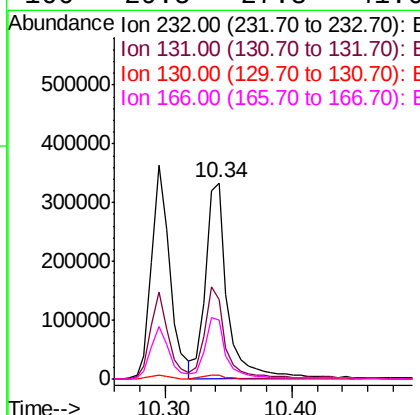
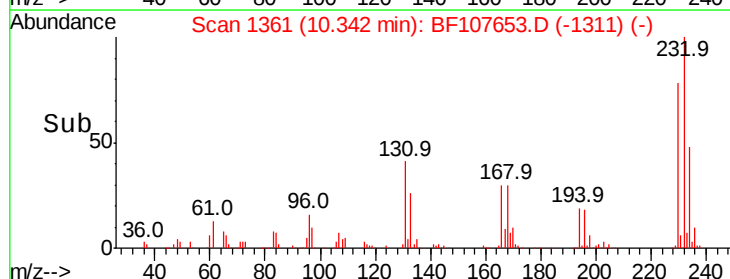
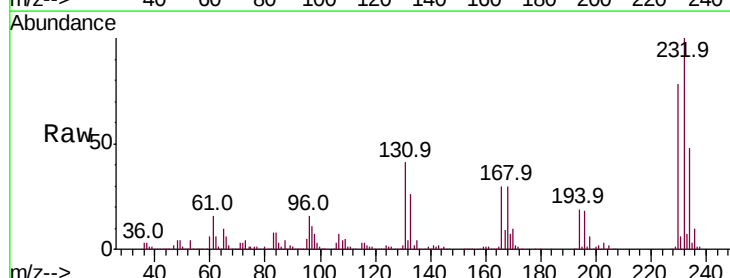
Manual Integrations
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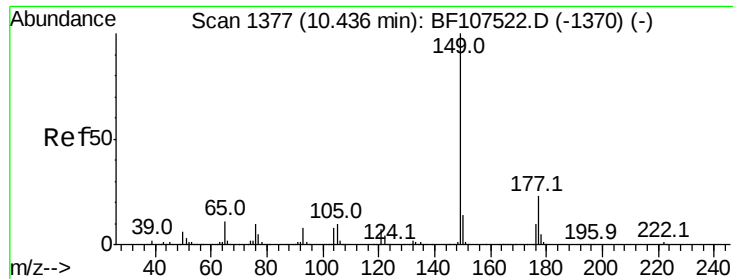
Sohil
 7/26/2018 2:02:44 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.697 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.0	43.8	65.8#
130	2.2	2.1	3.1
166	29.5	27.8	41.6





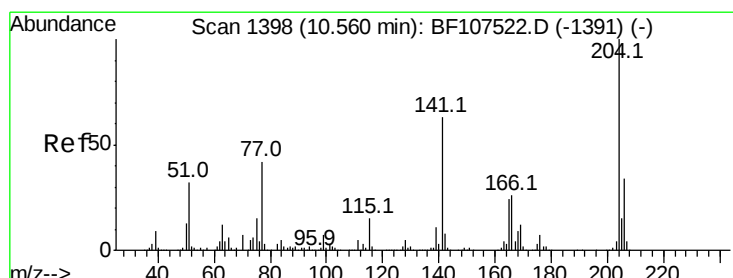
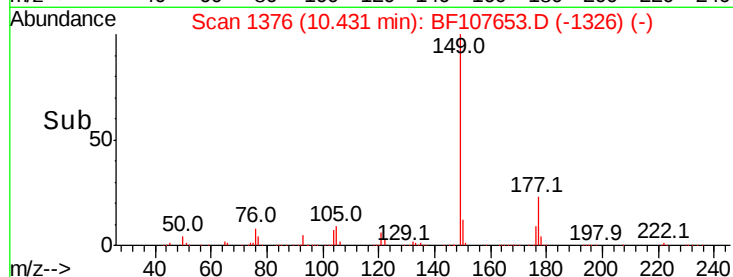
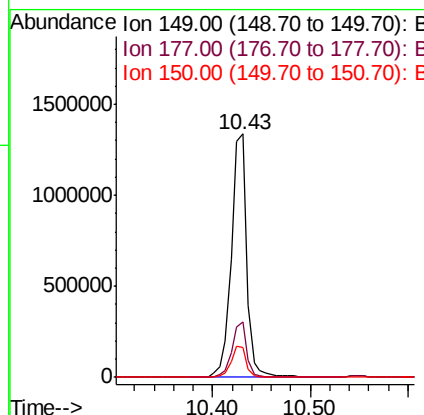
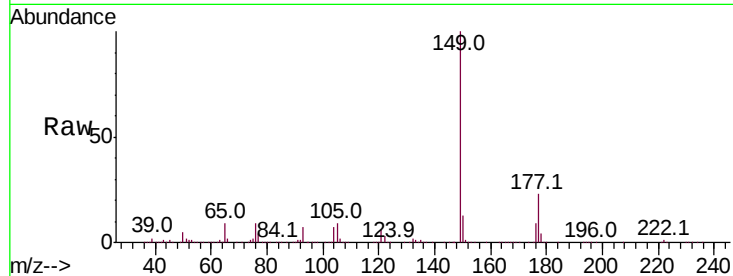
#59
Diethylphthalate
Concen: 44.647 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.1	24.1
150	12.5	10.1	15.1

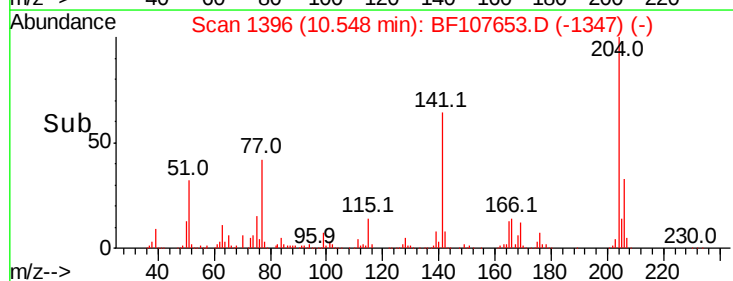
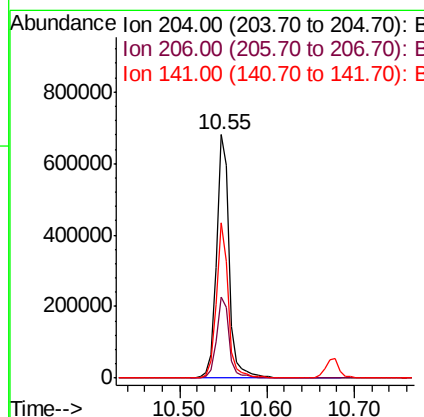
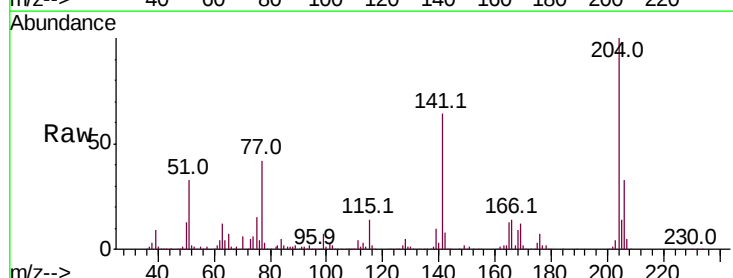
Manual Integrations
APPROVED

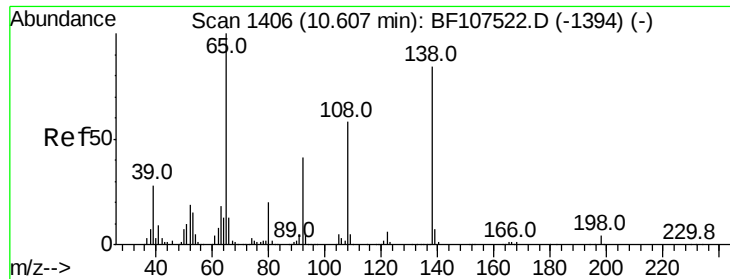
Sohil
7/26/2018 2:02:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.037 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	63.9	54.6	81.8





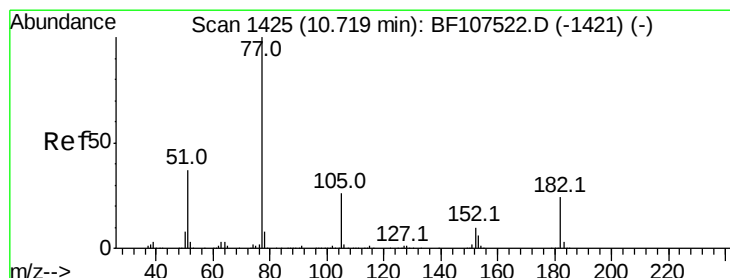
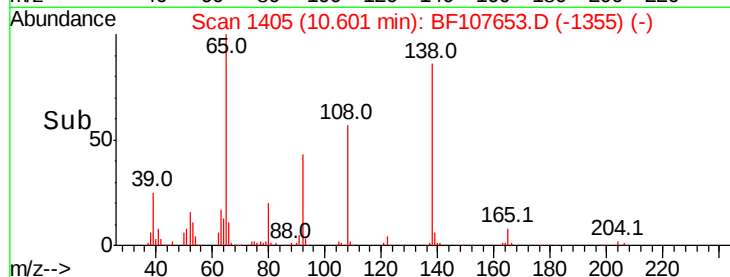
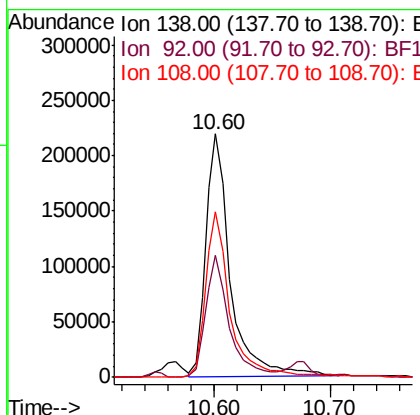
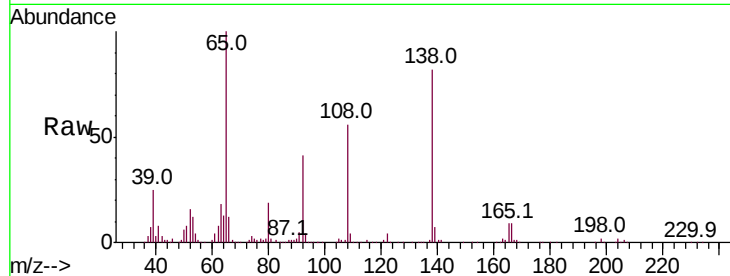
#61
4-Nitroaniline
Concen: 49.755 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.2	70.2
108	68.1	52.5	92.5

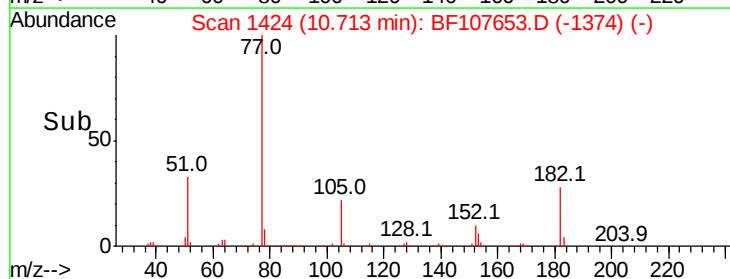
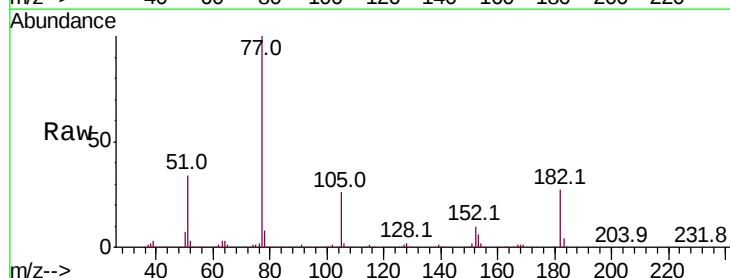
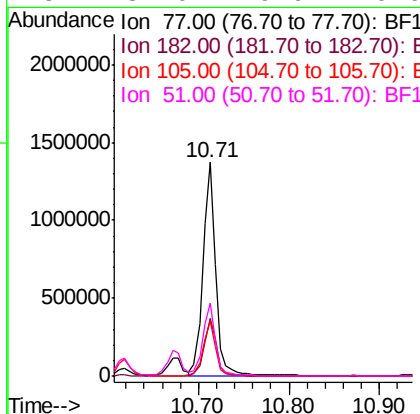
Manual Integrations
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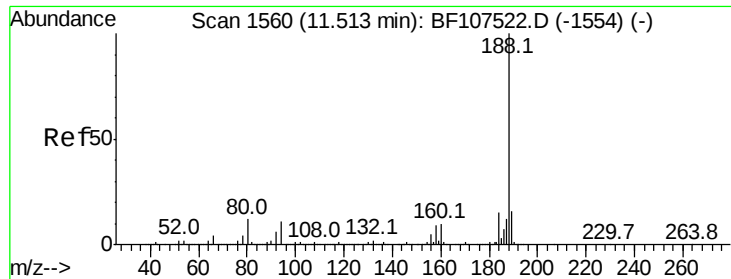
Sohil
7/26/2018 2:02:44 PM



#62
Azobenzene
Concen: 43.797 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	1.7	41.7
105	25.7	3.0	43.0
51	34.0	9.9	49.9





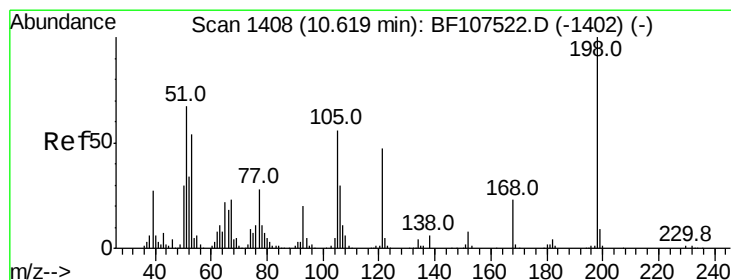
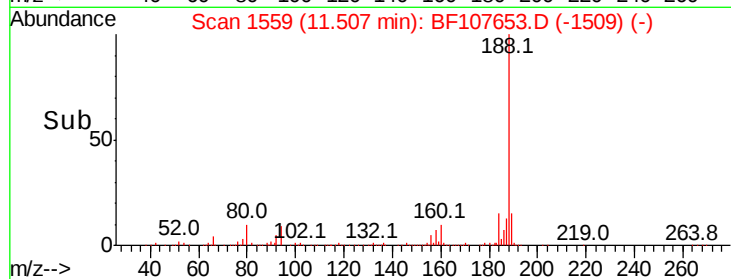
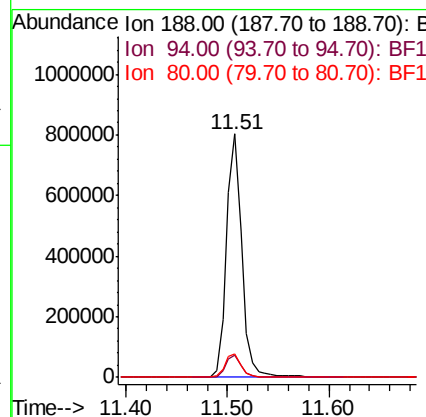
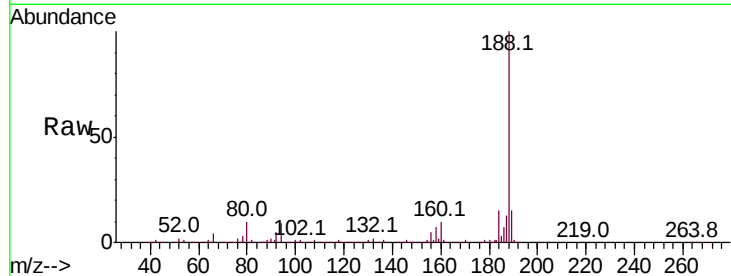
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	8.5	12.7	
80	9.8	9.2	13.8	

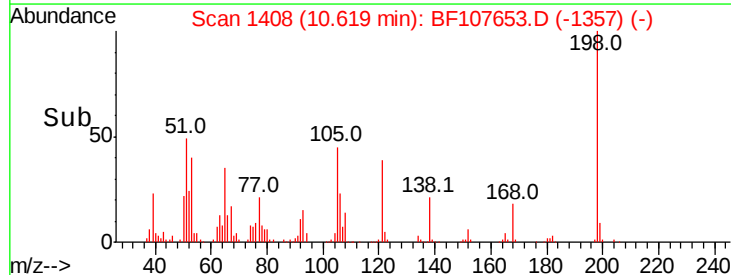
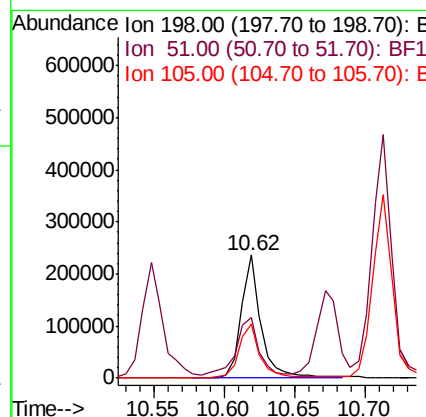
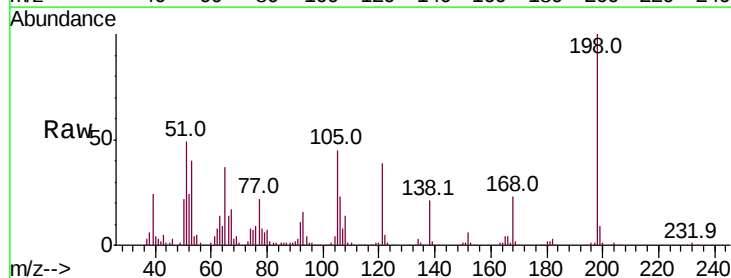
Manual Integrations
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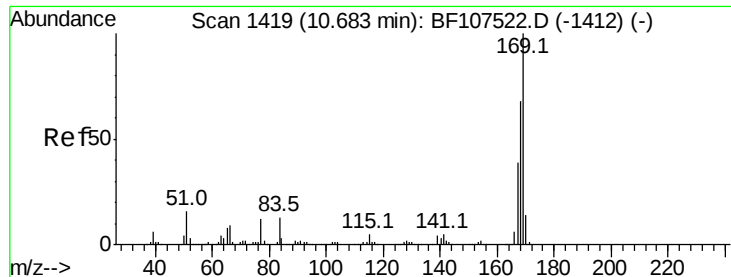
Sohil
7/26/2018 2:02:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 55.032 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	49.1	37.7	77.7	
105	44.5	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 42.798 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampled :

TP-1MSD

Tot Ion:169 Resp: 1229653

Ion Ratio Lower Upper

169 100

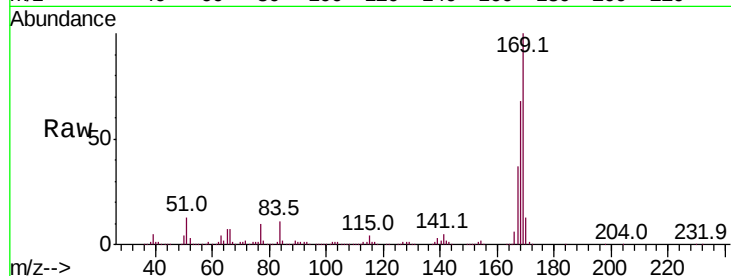
168 68.5 54.4 81.6

167 37.4 29.8 44.6

Manual Integrations
APPROVED

Sohil

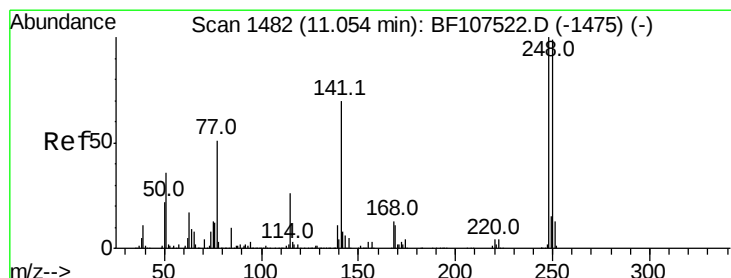
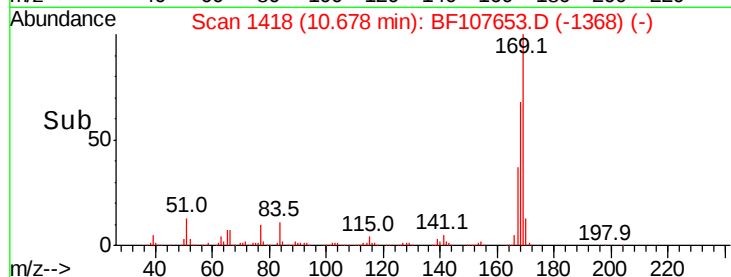
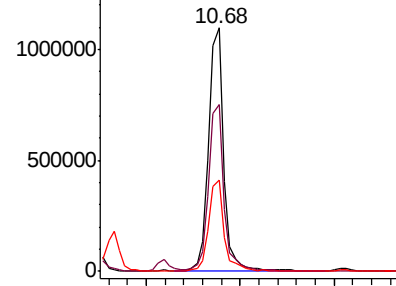
7/26/2018 2:02:44 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.970 ng

RT: 11.04 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

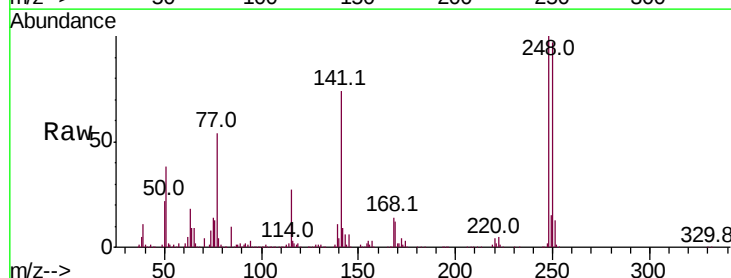
Tgt Ion:248 Resp: 437879

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

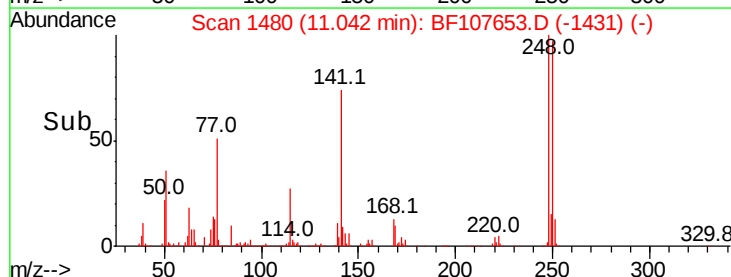
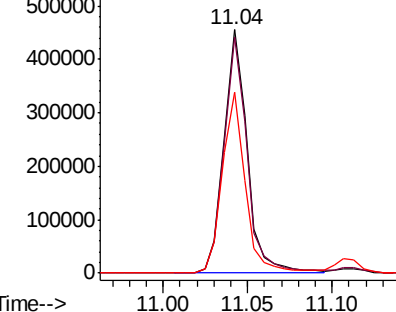
141 74.2 74.4 111.6#

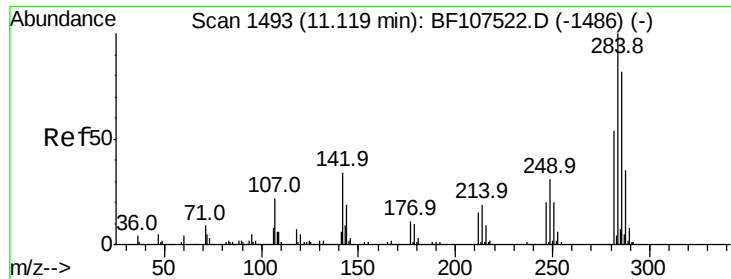


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





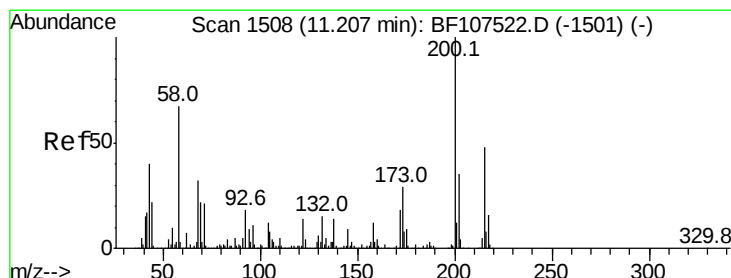
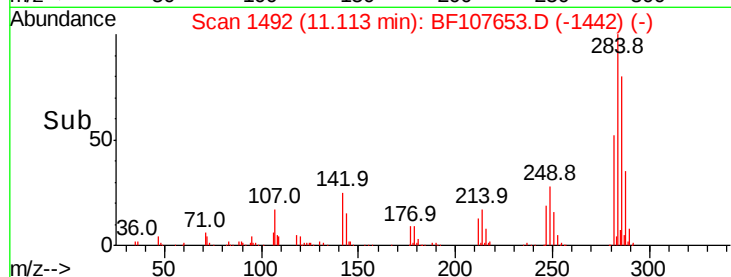
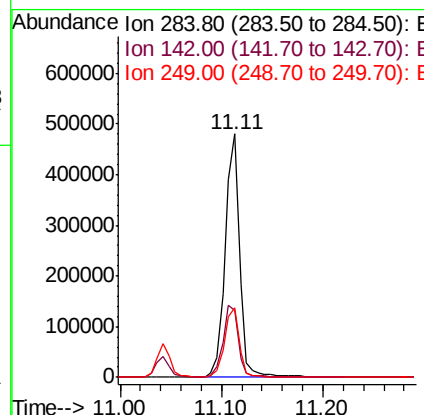
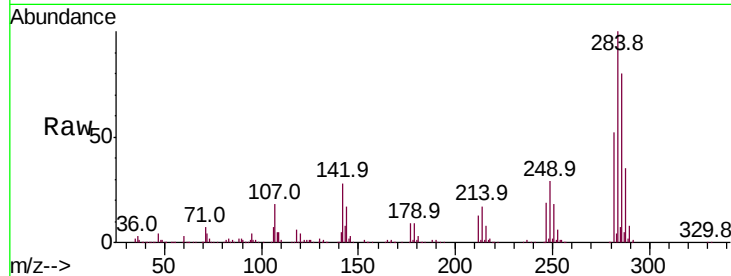
#67
Hexachlorobenzene
Concen: 43.528 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.5	34.6	52.0	
249	28.8	24.8	37.2	

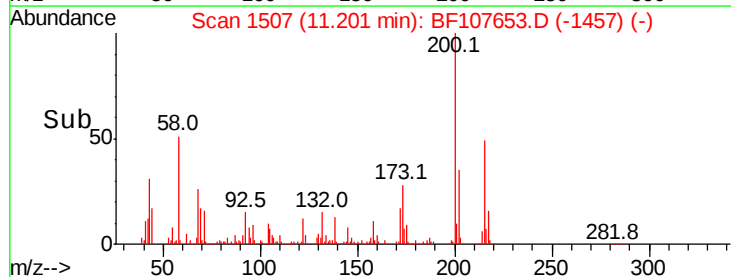
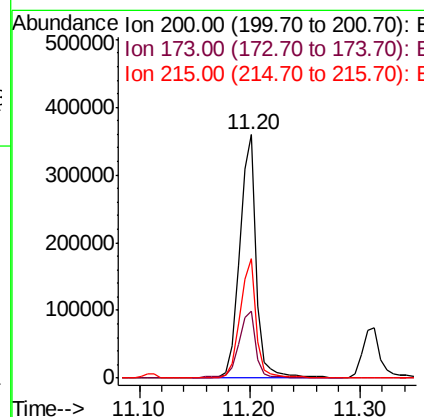
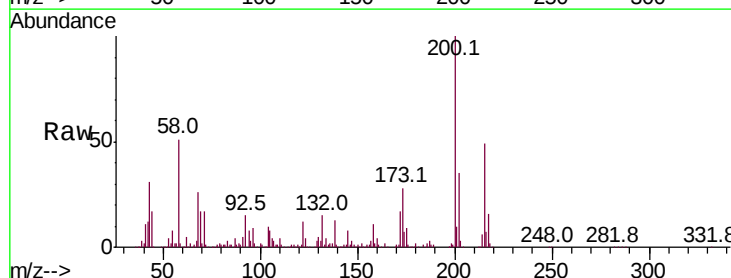
Manual Integrations
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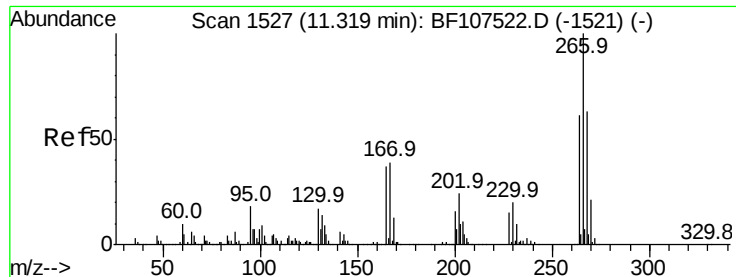
Sohil
7/26/2018 2:02:44 PM



#68
Atrazine
Concen: 43.204 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	8.6	48.6	
215	48.9	25.1	65.1	





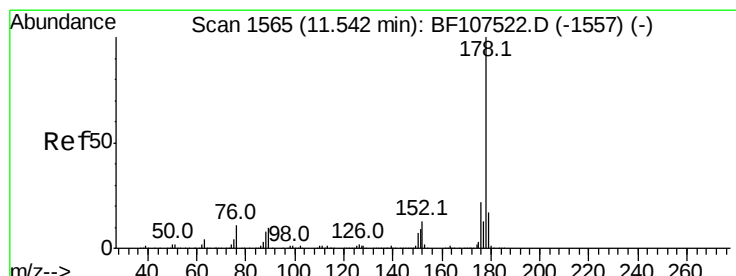
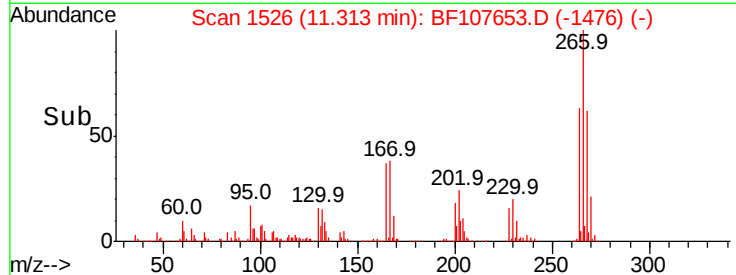
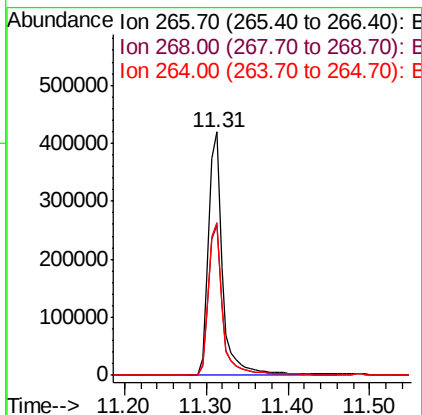
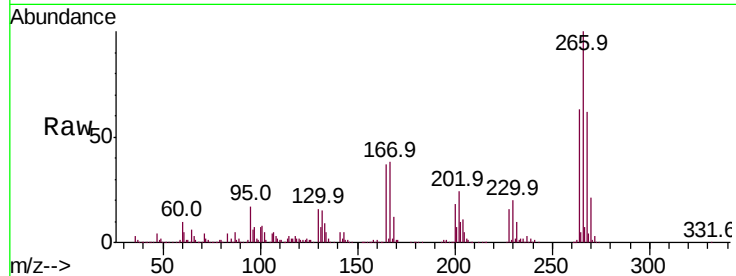
#69
 Pentachlorophenol
 Concen: 73.954 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	506157		
268	61.9		51.1	76.7
264	62.5		49.5	74.3

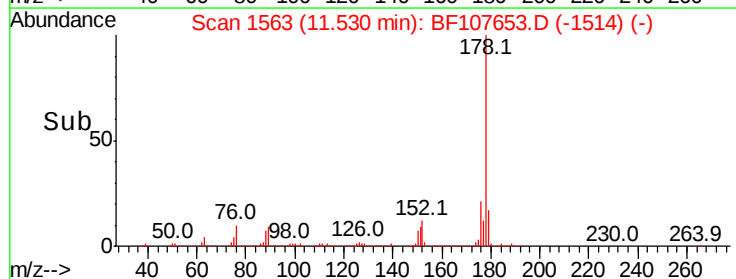
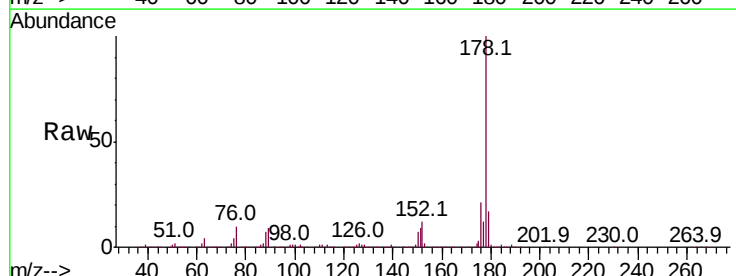
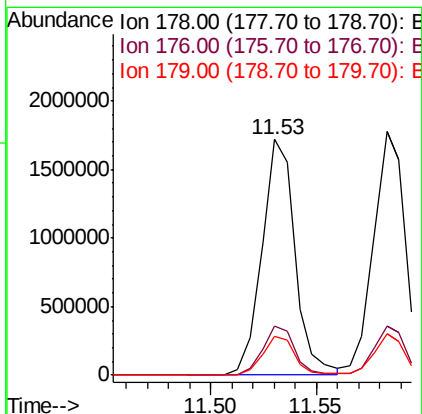
Manual Integrations
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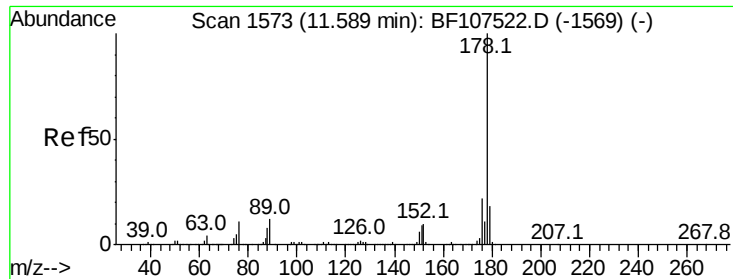
Sohil
 7/26/2018 2:02:44 PM



#70
 Phenanthrene
 Concen: 45.556 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1878040		
176	21.0		15.8	23.8
179	16.7		13.0	19.6





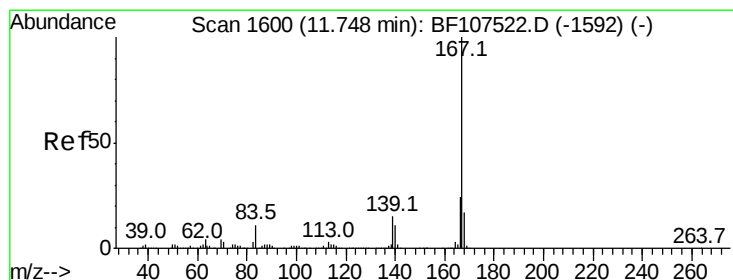
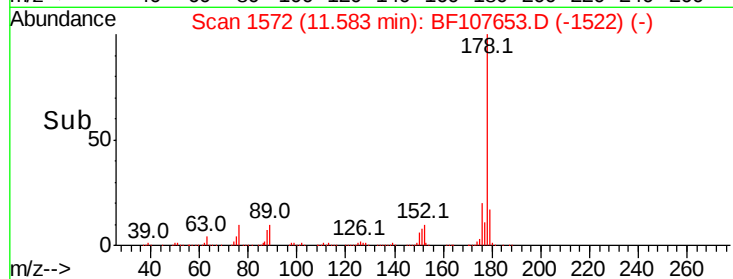
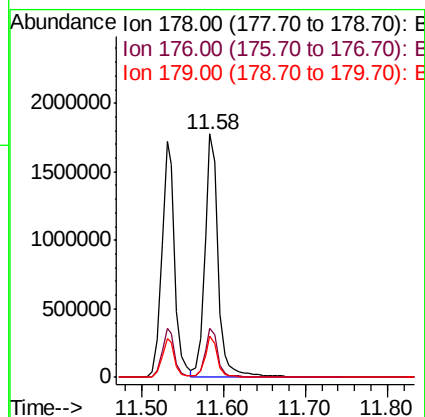
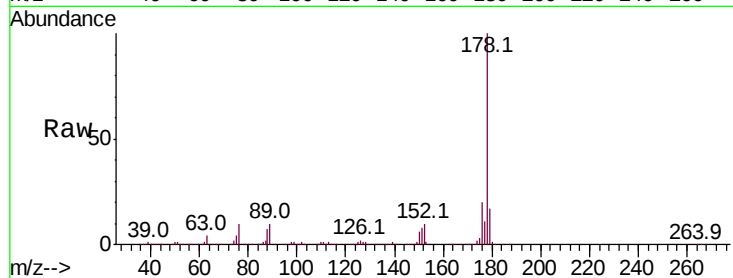
#71
 Anthracene
 Concen: 48.493 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:178 Resp: 2012783
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.8 12.6 19.0

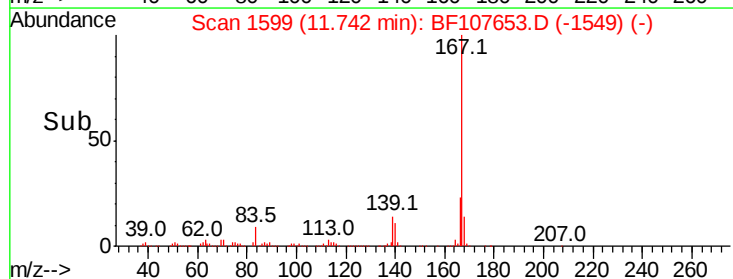
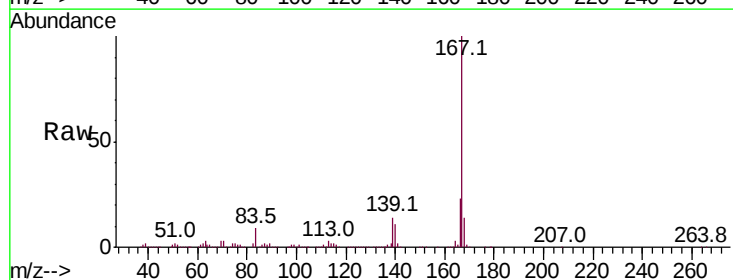
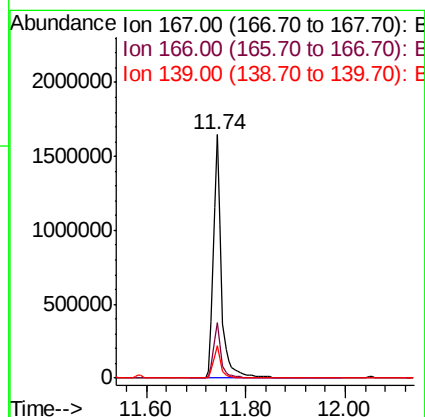
Manual Integrations
 APPROVED

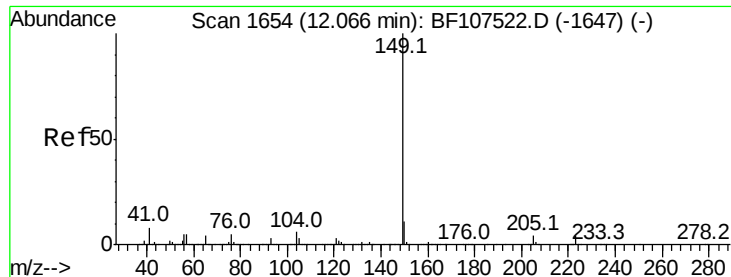
Sohil
 7/26/2018 2:02:44 PM



#72
 Carbazole
 Concen: 43.894 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:167 Resp: 1894565
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.471 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.02 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:149 Resp: 2133214

Ion Ratio Lower Upper

149 100

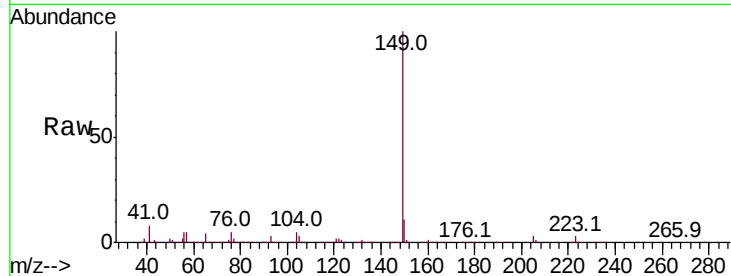
150 10.7 7.8 11.6

104 5.3 3.8 5.8

Manual Integrations
APPROVED

Sohil

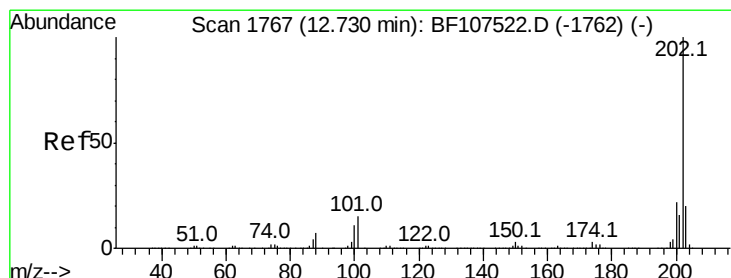
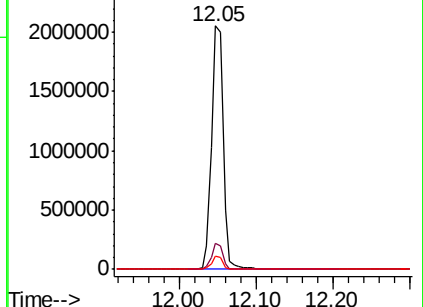
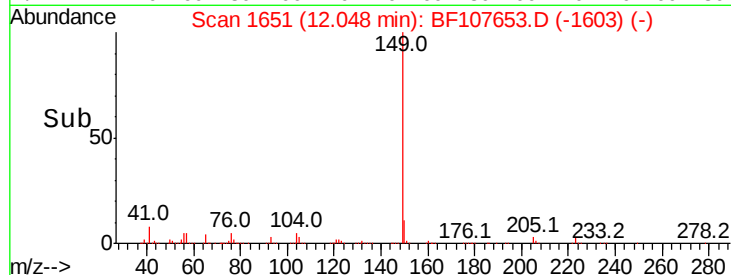
7/26/2018 2:02:44 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.747 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

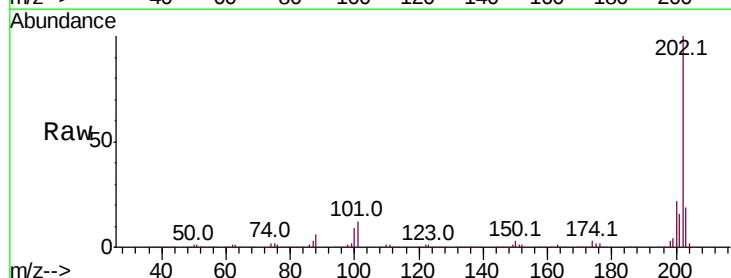
Tgt Ion:202 Resp: 2067936

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

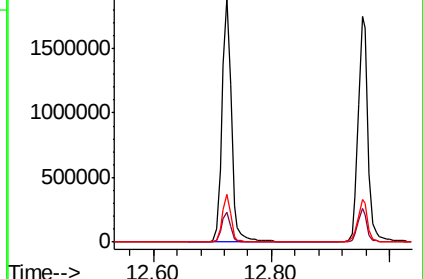
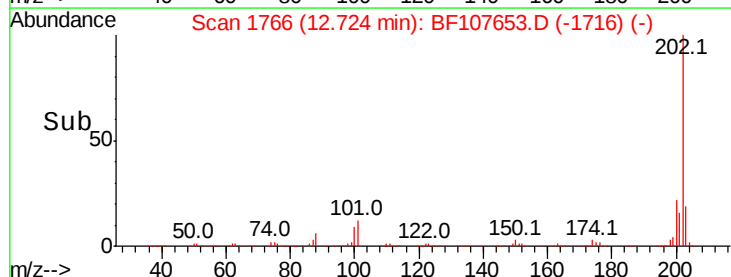
203 19.4 0.0 38.1

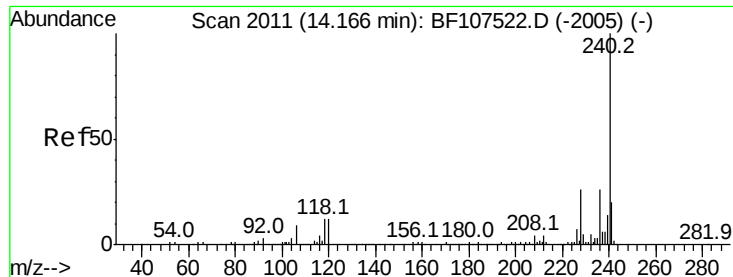


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107653.D

Acq: 25 Jul 2018 13:32

Instrument :

BNA_F

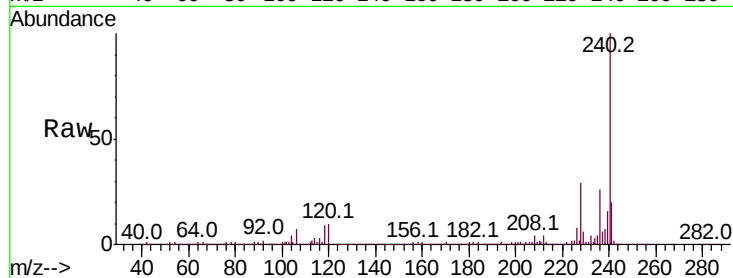
ClientSampleId :

TP-1MSD

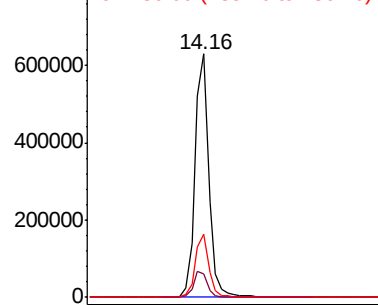
Tot Ion:	240	Resp:	595429
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
APPROVED

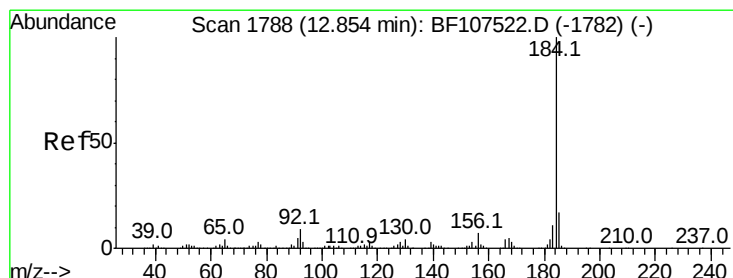
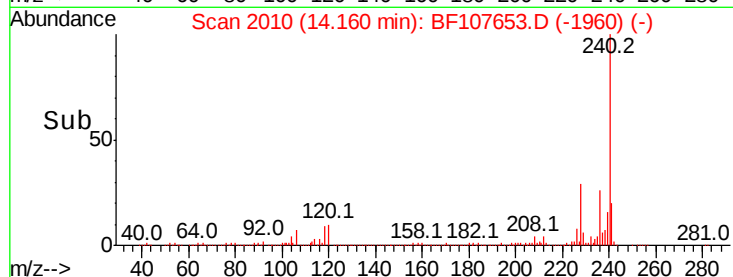
Sohil
7/26/2018 2:02:44 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 9.210 ng

RT: 12.85 min Scan# 1787

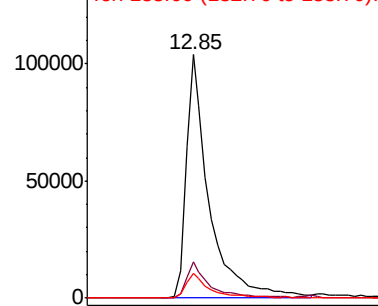
Delta R.T. -0.01 min

Lab File: BF107653.D

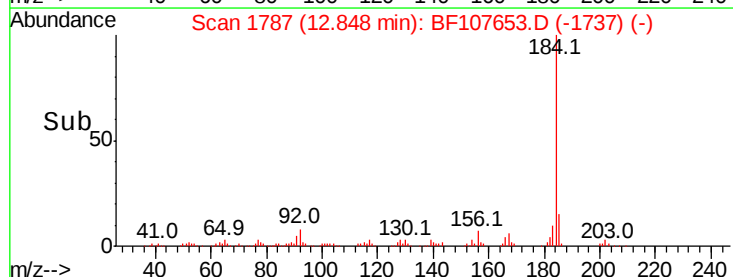
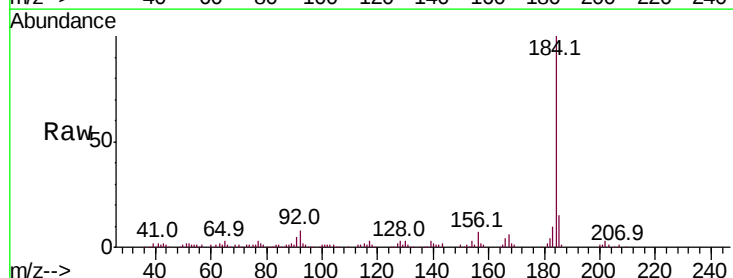
Acq: 25 Jul 2018 13:32

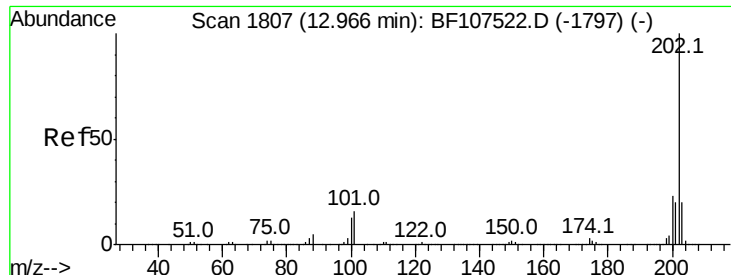
Tgt Ion:	184	Resp:	157923
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	10.3	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





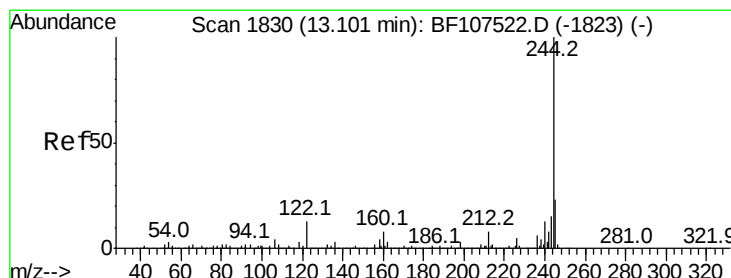
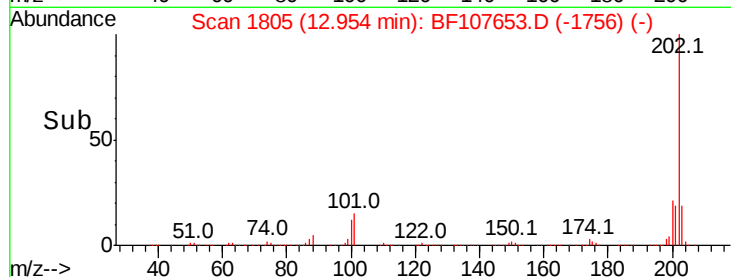
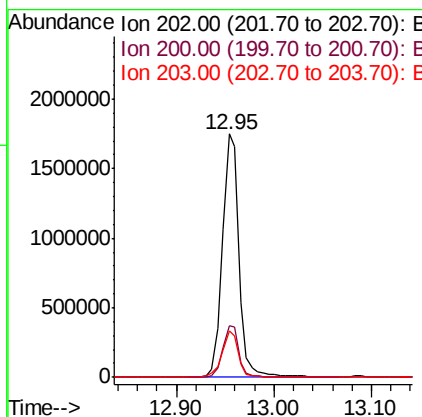
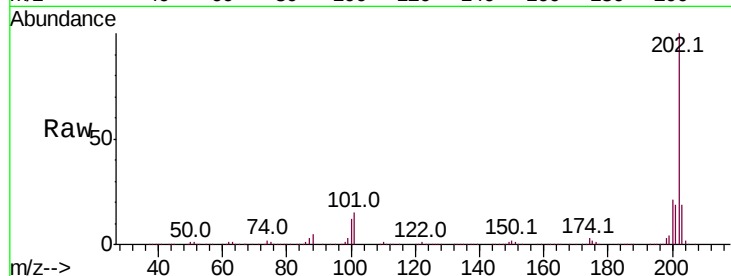
#77
Pvrene
Concen: 50.425 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:202 Resp: 2053708
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 19.0 14.3 21.5

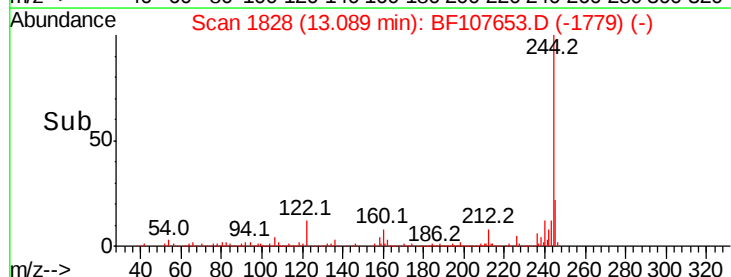
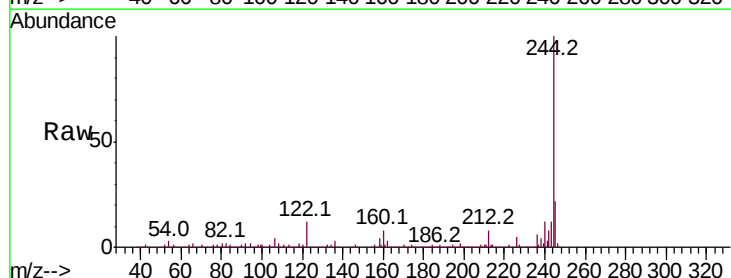
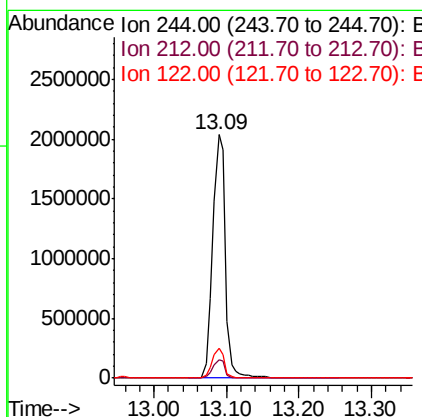
Manual Integrations
APPROVED

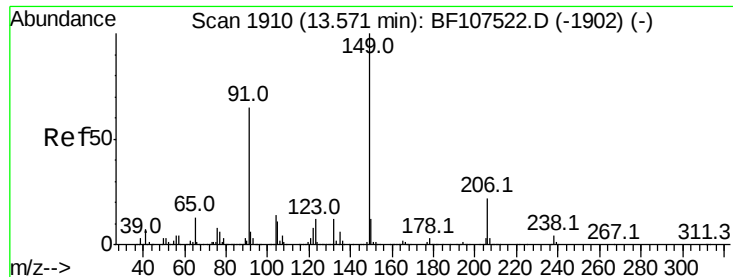
Sohil
7/26/2018 2:02:44 PM



#78
Terphenyl-d14
Concen: 107.535 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:244 Resp: 2501067
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.0
122 12.3 11.0 16.4





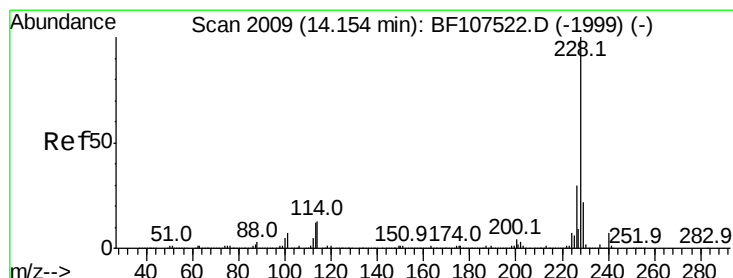
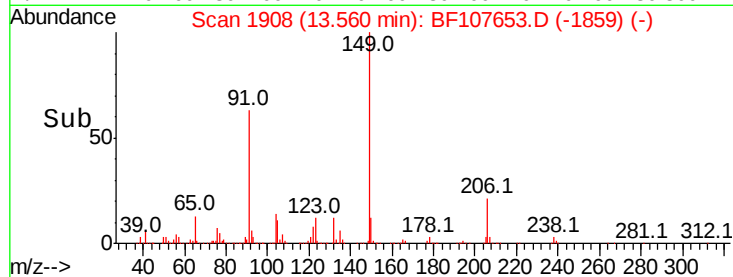
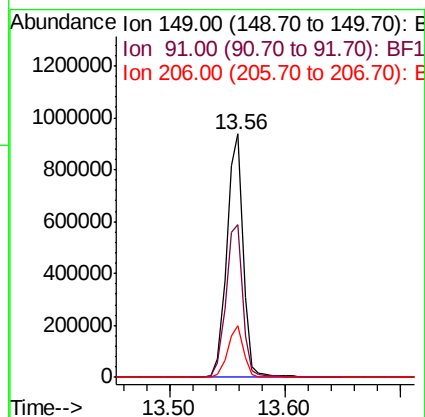
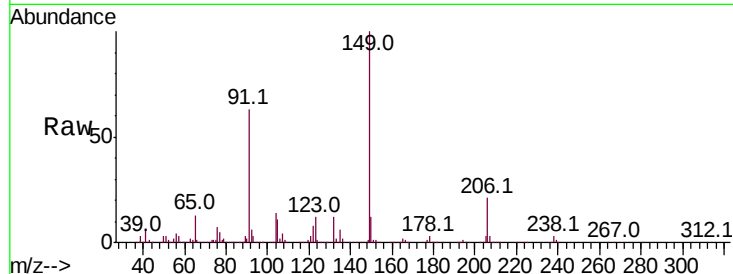
#79
Butylbenzylphthalate
Concen: 52.771 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.7	56.8	85.2
206	21.4	14.1	21.1

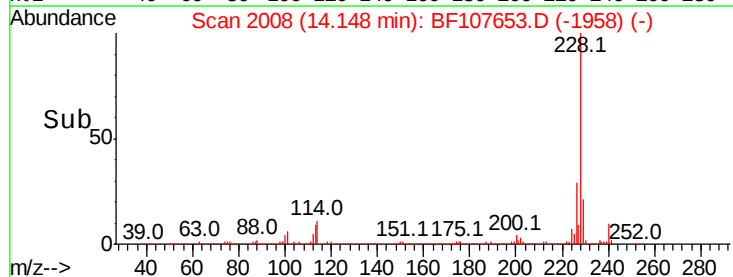
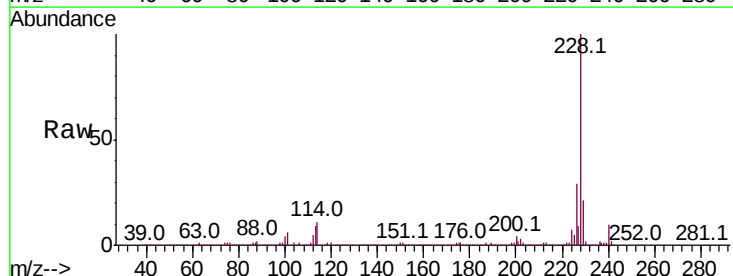
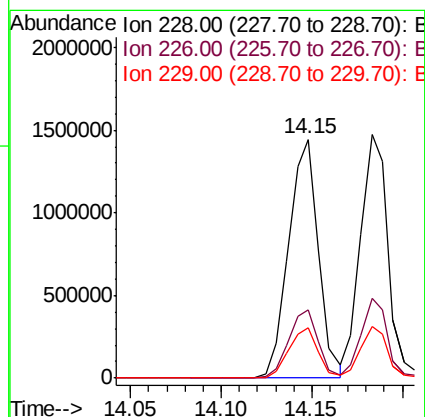
Manual Integrations
APPROVED

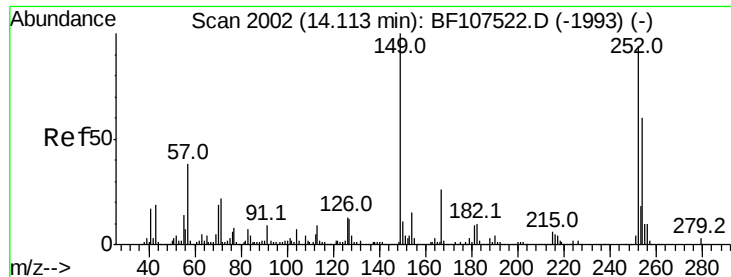
Sohil
7/26/2018 2:02:44 PM



#80
Benzo(a)anthracene
Concen: 47.507 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.9	15.8	23.6





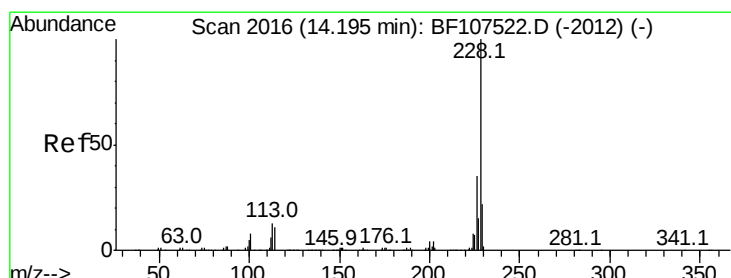
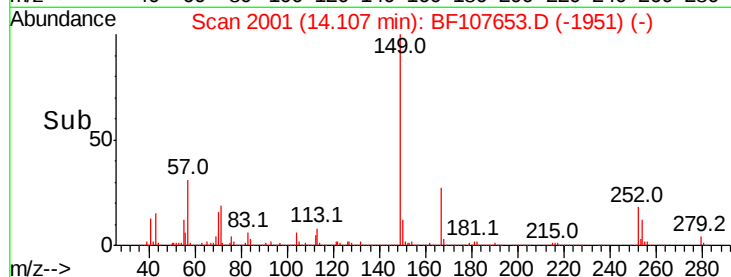
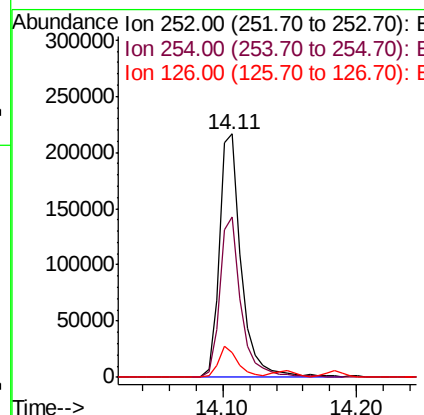
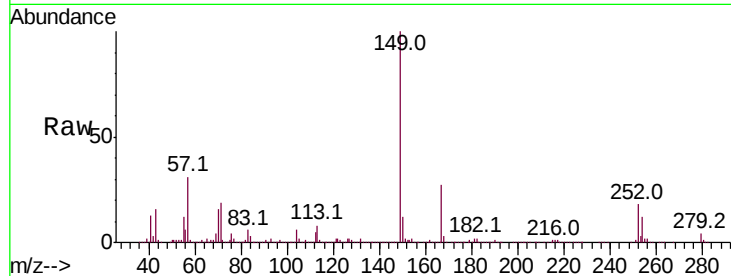
#81
 3,3'-Dichlorobenzidine
 Concen: 20.707 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	251742		
254	66.0	50.4	75.6	
126	10.1	11.3	16.9	

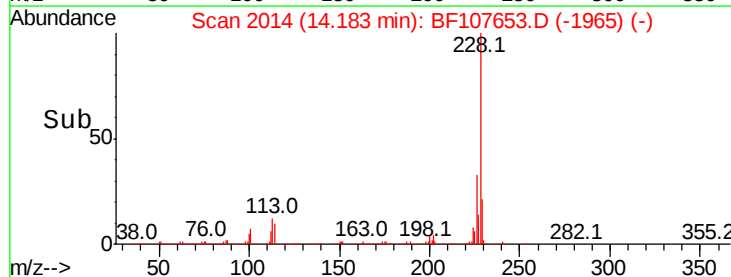
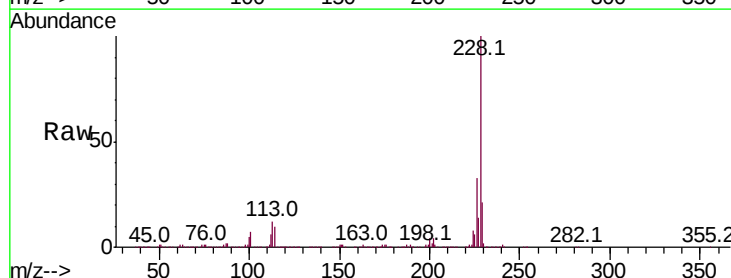
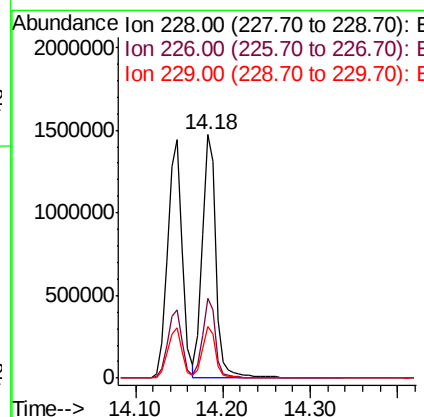
Manual Integrations
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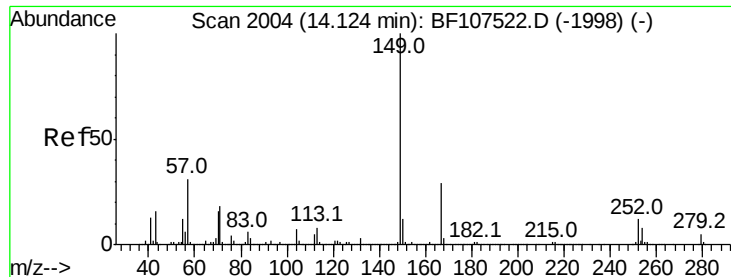
Sohil
 7/26/2018 2:02:44 PM



#82
 Chrysene
 Concen: 48.046 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1610441		
226	32.6	25.0	37.6	
229	21.3	16.2	24.4	





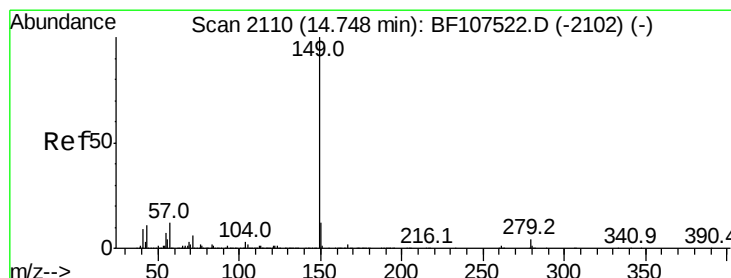
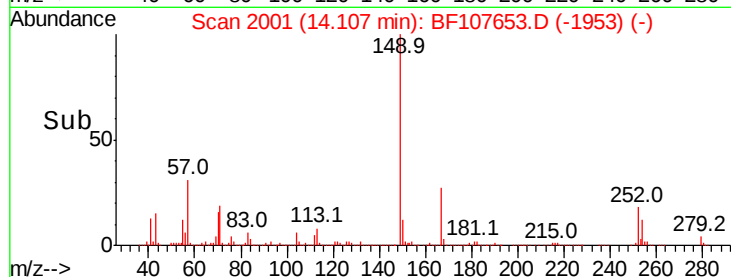
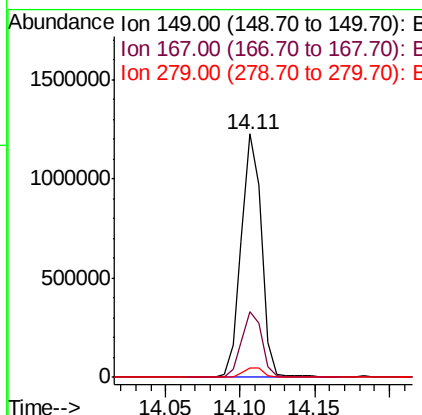
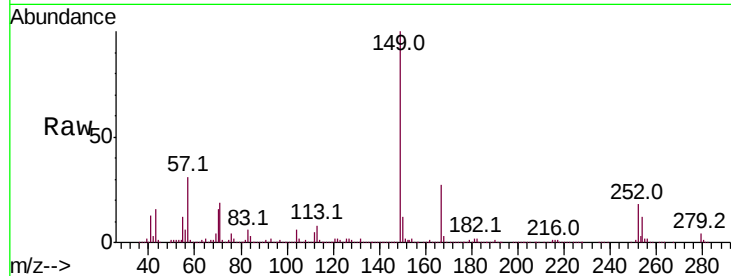
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.027 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:149 Resp: 1162218
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.9 3.0 4.4

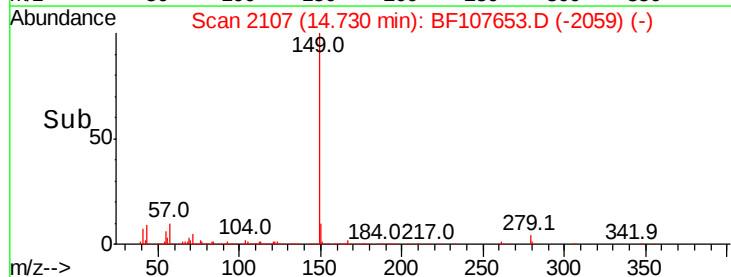
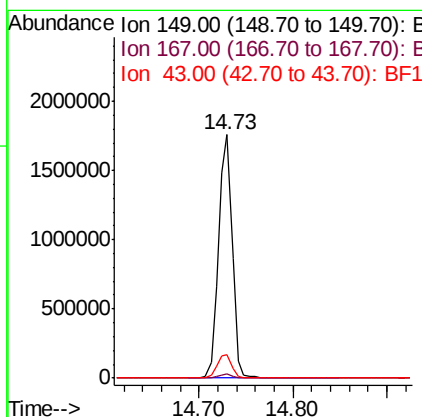
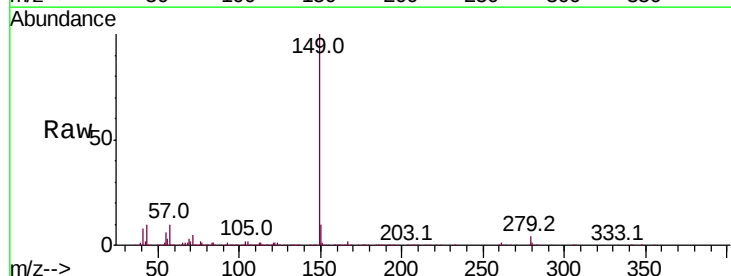
Manual Integrations
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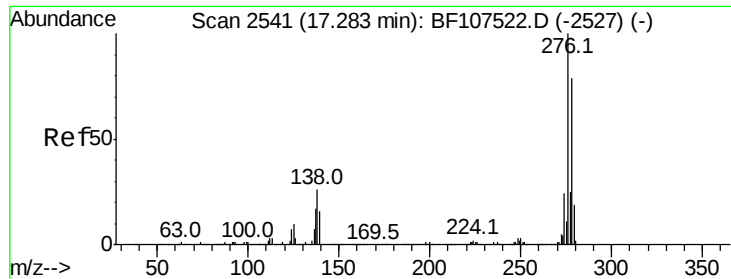
Sohil
 7/26/2018 2:02:44 PM



#84
 Di-n-octyl phthalate
 Concen: 46.700 ng
 RT: 14.73 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Tgt Ion:149 Resp: 1793973
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.8 8.4 12.6





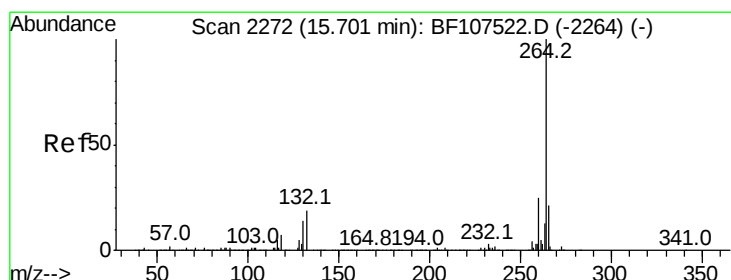
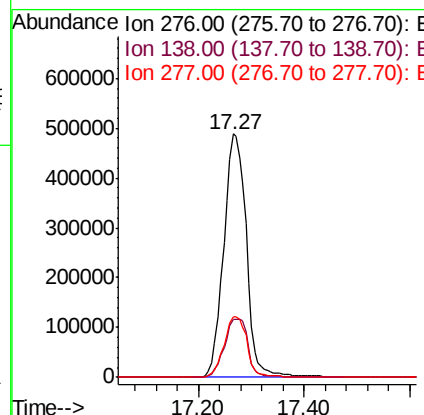
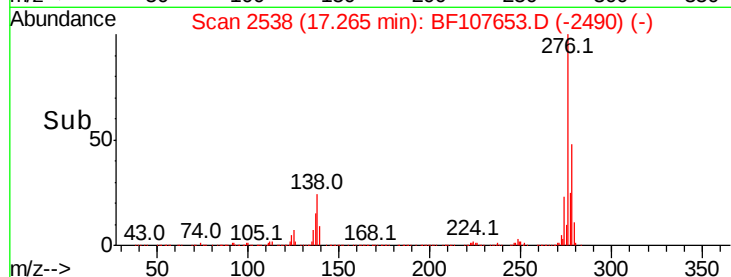
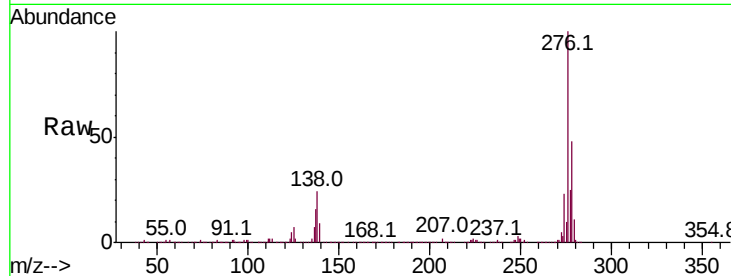
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.190 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	25.4	20.1	30.1

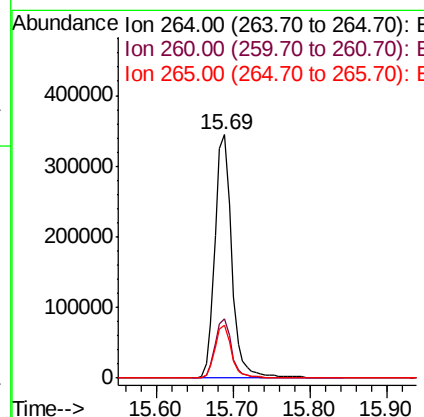
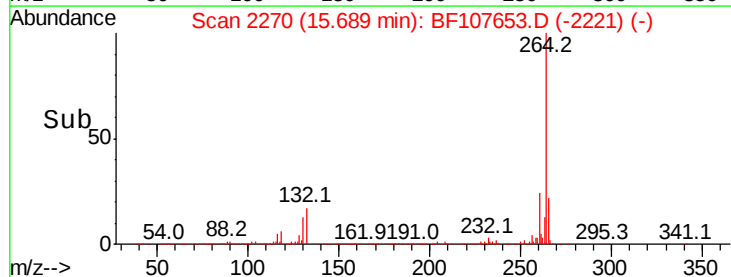
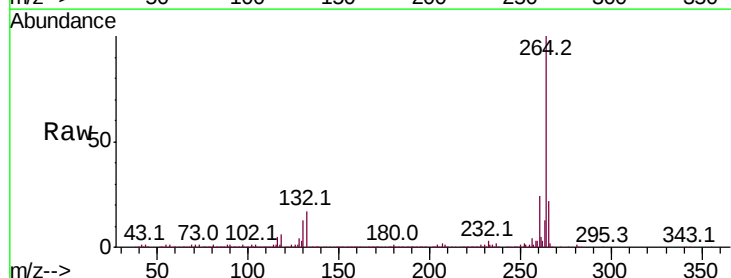
Manual Integrations
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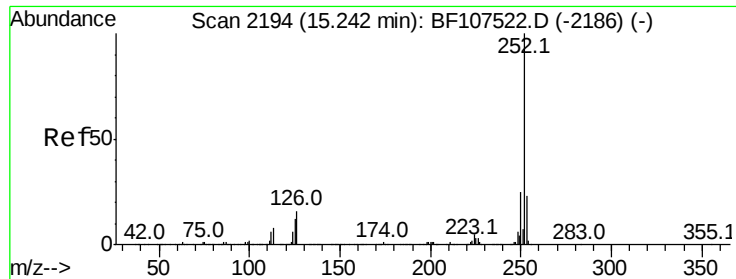
Sohil
7/26/2018 2:02:44 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3





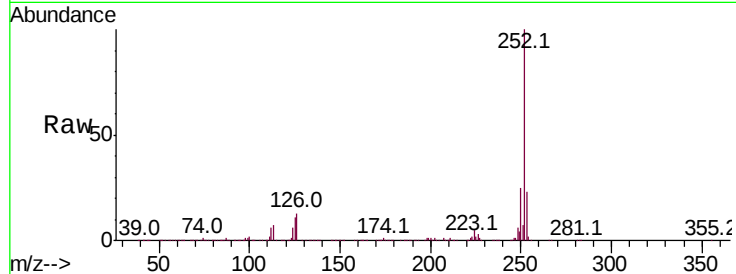
#87
Benzo(b)fluoranthene
Concen: 48.805 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
TP-1MSD

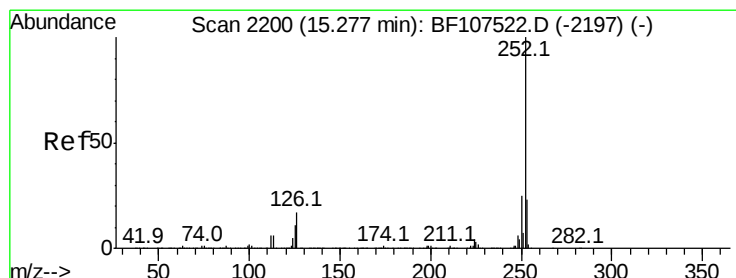
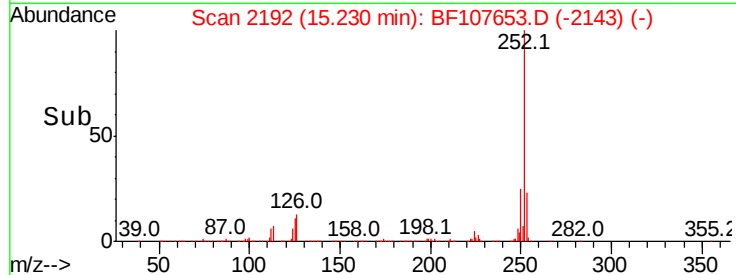
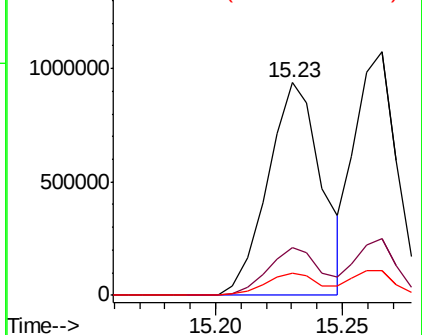
Tot Ion:252 Resp: 1390360
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.7 9.0 13.6

Manual Integrations
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7/26/2018 2:02:44 PM



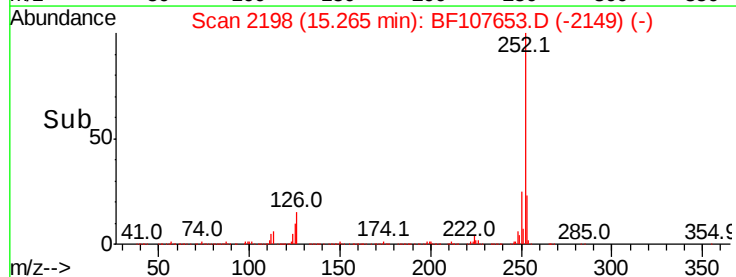
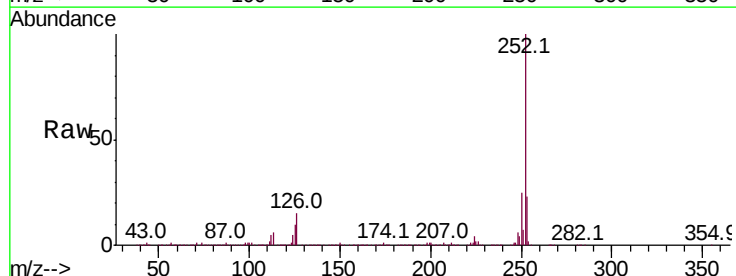
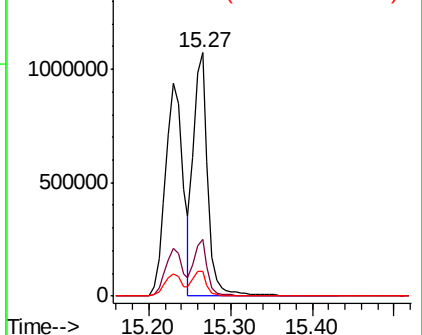
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

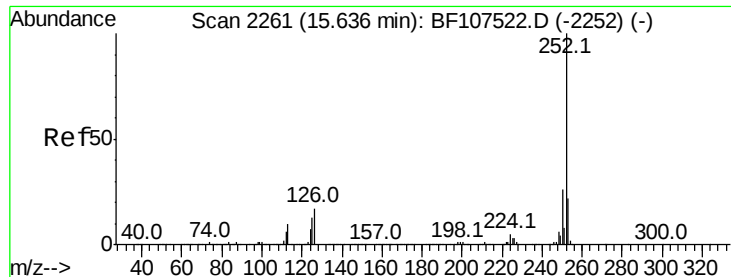


#88
Benzo(k)fluoranthene
Concen: 46.500 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion:252 Resp: 1297832
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 10.3 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





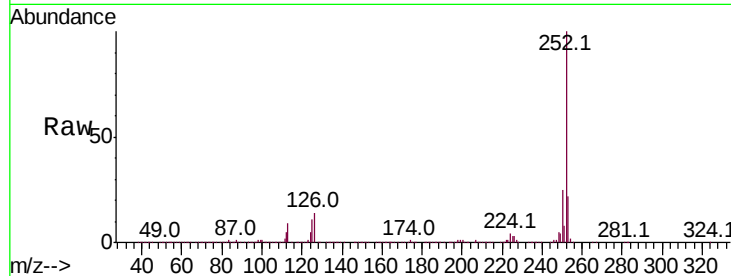
#89
Benzo(a)pyrene
Concen: 49.313 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.0	9.8	14.6

Manual Integrations
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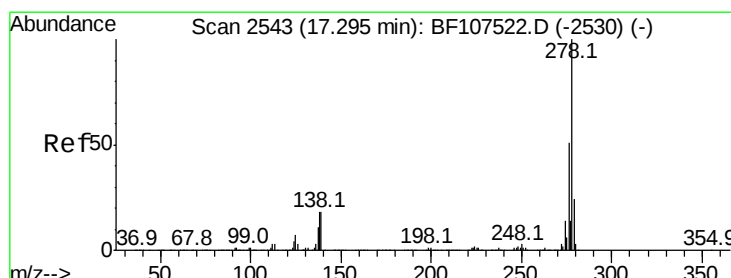
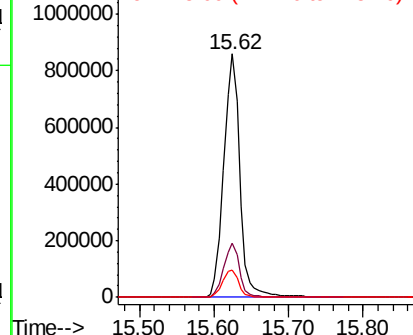
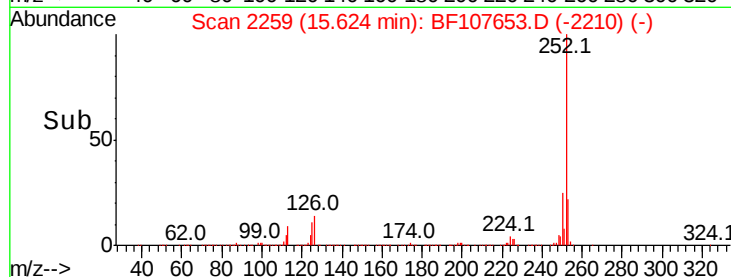


Abundance

Ion 252.00 (251.70 to 252.70): E

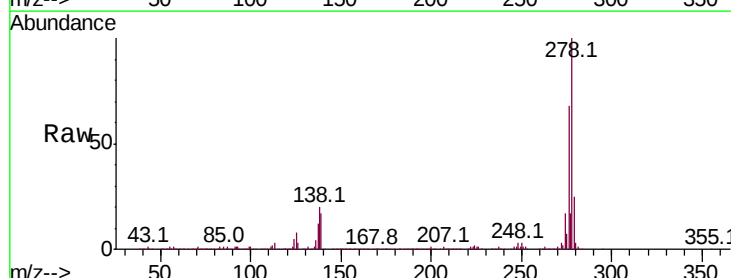
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 53.099 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF107653.D
Acq: 25 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	24.6	19.0	28.4

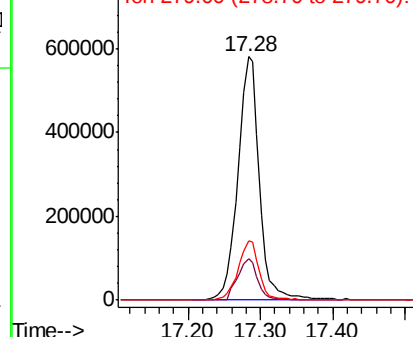
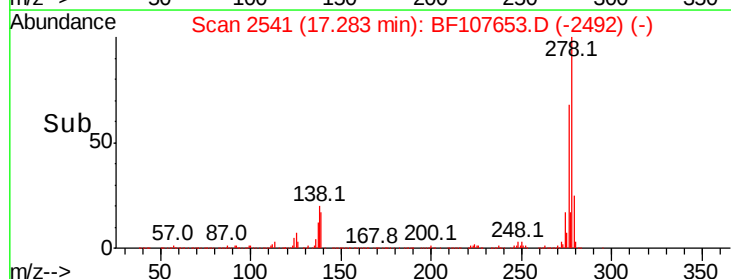


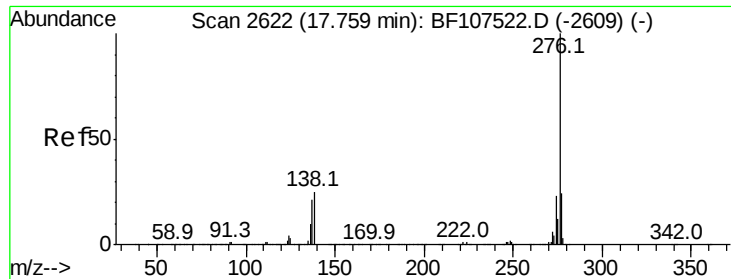
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 55.830 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107653.D
 Acq: 25 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	21.3	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 7/26/2018 2:02:44 PM

