

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107907.D
 Acq On : 2 Aug 2018 14:16
 Operator : JU/SJ
 Sample : PB111618BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:53:08 PM

Quant Time: Aug 02 15:49:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	144653	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	626877	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	294220	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	608802	20.00	ng	0.00
75) Chrysene-d12	14.15	240	443476	20.00	ng	0.00
86) Perylene-d12	15.68	264	363461	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1100620	129.31	ng	0.02
7) Phenol-d6	6.61	99	1321831	117.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	898845	82.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	488562	122.21	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1751726	82.97	ng	0.00
78) Terphenyl-d14	13.08	244	1926349	94.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	159139	40.835	ng	89
3) Pyridine	3.73	79	299147	32.294	ng	# 85
4) n-Nitrosodimethylamine	3.70	42	115520m	26.675	ng	
6) Aniline	6.64	93	462167	39.612	ng	# 47
8) 2-Chlorophenol	6.75	128	465593	43.549	ng	95
9) Benzaldehyde	6.52	77	212505m	31.399	ng	
10) Phenol	6.62	94	567448	42.420	ng	79
11) bis(2-Chloroethyl)ether	6.70	93	387264	32.557	ng	98
12) 1,3-Dichlorobenzene	6.90	146	477049	42.543	ng	98
13) 1,4-Dichlorobenzene	6.97	146	541498	43.381	ng	98
14) 1,2-Dichlorobenzene	7.12	146	445744	38.469	ng	99
15) Benzyl Alcohol	7.11	79	311907	44.736	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	722989	42.275	ng	59
17) 2-Methylphenol	7.22	107	372567	47.206	ng	# 79
18) Hexachloroethane	7.45	117	183845	40.976	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	313045	43.993	ng	98
20) 3+4-Methylphenols	7.38	107	445372	45.963	ng	# 71
22) Acetophenone	7.37	105	663219	43.975	ng	# 94
24) Nitrobenzene	7.54	77	442289	38.764	ng	99
25) Isophorone	7.77	82	918315	51.413	ng	99
26) 2-Nitrophenol	7.86	139	274851	47.999	ng	99
27) 2,4-Dimethylphenol	7.90	122	396969	51.780	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	555894	47.225	ng	99
29) 2,4-Dichlorophenol	8.11	162	403538	46.535	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	431133	43.580	ng	98
31) Naphthalene	8.26	128	1413591	48.510	ng	99
32) Benzoic acid	8.04	122	193500	37.633	ng	94
33) 4-Chloroaniline	8.32	127	470677	37.815	ng	99
34) Hexachlorobutadiene	8.36	225	248705	40.682	ng	98
35) Caprolactam	8.70	113	128415m	49.191	ng	
36) 4-Chloro-3-methylphenol	8.81	107	427089	45.348	ng	99
37) 2-Methylnaphthalene	8.95	142	927772	50.686	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	450489	44.908	ng	97
40) Hexachlorocyclopentadiene	9.10	237	365052	84.118	ng	96

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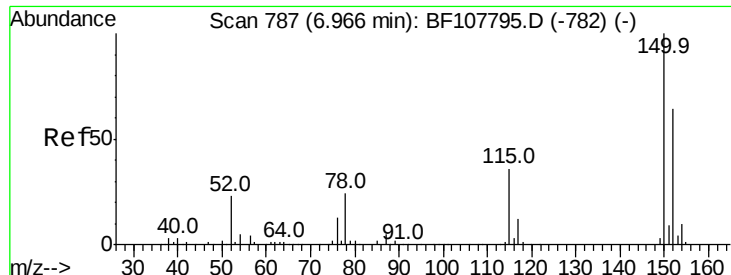
Manual Integrations
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 8/3/2018 12:53:08 PM

Quant Time: Aug 02 15:49:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	262107	47.263	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	290461	43.506	nq	95
45) 1,1'-Biphenyl	9.41	154	1174706	43.872	nq	98
46) 2-Chloronaphthalene	9.44	162	872729	43.222	nq	99
47) 2-Nitroaniline	9.56	65	293698	44.718	nq	94
48) Acenaphthylene	9.86	152	1399725	44.715	nq	99
49) Dimethylphthalate	9.71	163	976878	44.210	nq	99
50) 2,6-Dinitrotoluene	9.79	165	213341	44.428	nq	91
51) Acenaphthene	10.03	154	775422	42.644	nq	99
52) 3-Nitroaniline	9.98	138	189893	31.382	nq	94
53) 2,4-Dinitrophenol	10.08	184	219873	86.153	nq #	29
54) Dibenzofuran	10.21	168	1176629	41.865	nq	97
55) 4-Nitrophenol	10.17	139	154323	57.194	nq	94
56) 2,4-Dinitrotoluene	10.20	165	266756	42.266	nq #	86
57) Fluorene	10.55	166	980835	44.905	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.33	232	286995	46.802	nq #	79
59) Diethylphthalate	10.41	149	1003095	42.223	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	483663	40.648	nq	91
61) 4-Nitroaniline	10.61	138	237640	44.254	nq	95
62) Azobenzene	10.70	77	947551	42.825	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	142504	43.026	nq	92
65) n-Nitrosodiphenylamine	10.66	169	852528	42.528	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	313084	44.122	nq #	87
67) Hexachlorobenzene	11.10	284	330819	42.042	nq #	87
68) Atrazine	11.18	200	254821	42.950	nq	97
69) Pentachlorophenol	11.30	266	301836	77.922	nq	98
70) Phenanthrene	11.52	178	1333640	46.134	nq	99
71) Anthracene	11.57	178	1568695	47.047	nq	100
72) Carbazole	11.74	167	1434661	43.540	nq	98
73) Di-n-butylphthalate	12.04	149	1519899	42.281	nq	100
74) Fluoranthene	12.71	202	1559359	45.916	nq	97
76) Benzidine	12.85	184	865550	60.365	nq	98
77) Pyrene	12.94	202	1495266	46.824	nq	98
79) Butylbenzylphthalate	13.54	149	641819	45.896	nq	92
80) Benzo(a)anthracene	14.14	228	1172437	46.671	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	328868	33.771	nq #	97
82) Chrysene	14.18	228	1247264	46.032	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	787626	44.802	nq	100
84) Di-n-octyl phthalate	14.71	149	1224585	43.397	nq	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	941173	45.666	nq #	93
87) Benzo(b)fluoranthene	15.22	252	815643	45.501	nq	98
88) Benzo(k)fluoranthene	15.25	252	1052961m	47.844	nq	
89) Benzo(a)pyrene	15.62	252	882084	47.665	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	787275	48.771	nq #	96
91) Benzo(g,h,i)perylene	17.74	276	774685	49.598	nq	94

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



#1

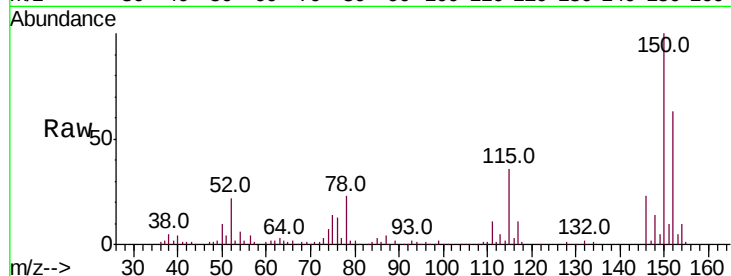
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	56.9	50.1	75.1

Manual Integrations
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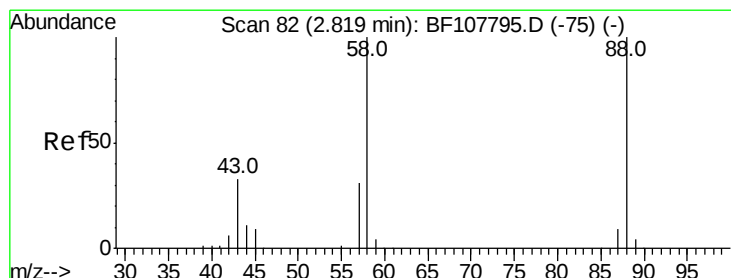
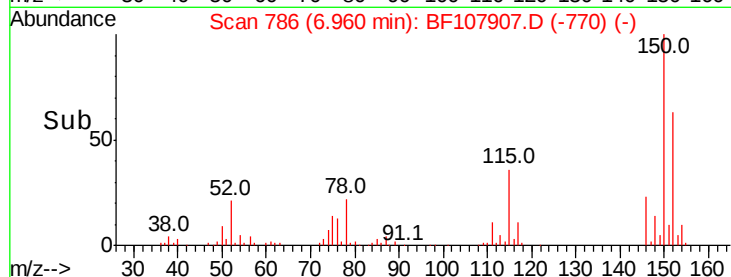
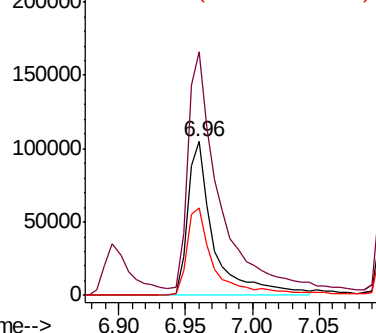


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

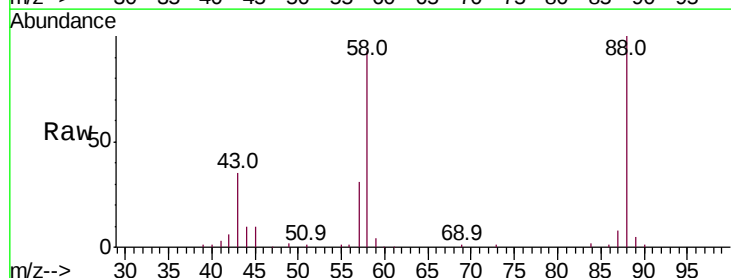
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.835 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.12 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	62.6	93.8
43	27.5	24.6	37.0

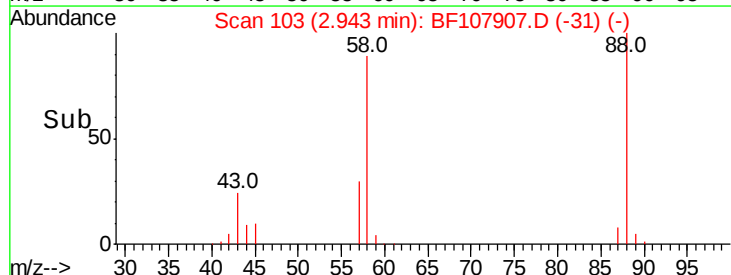
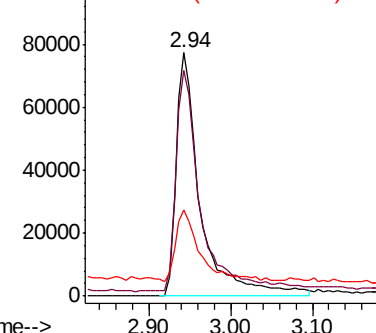


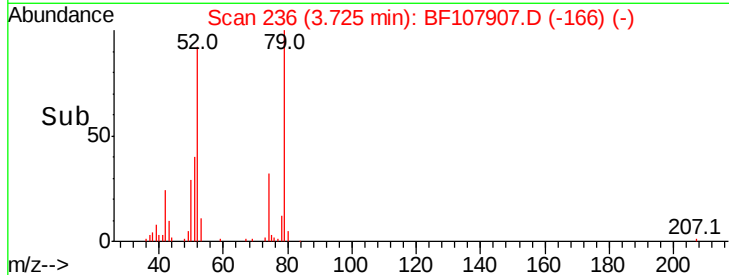
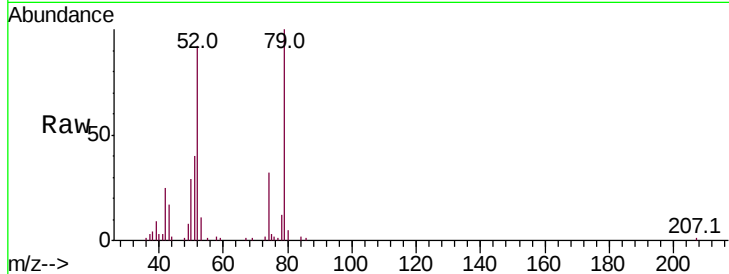
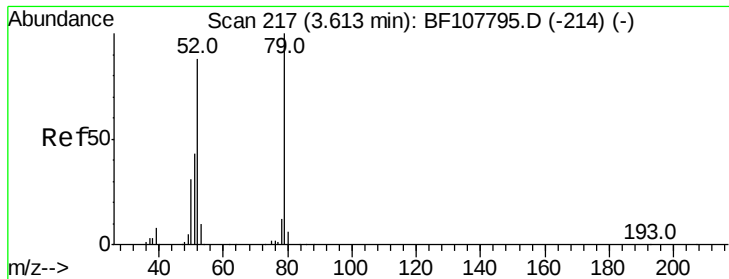
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





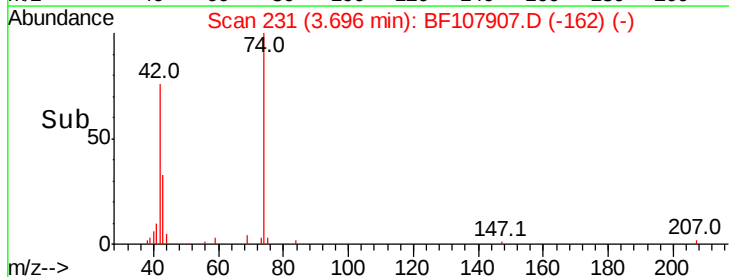
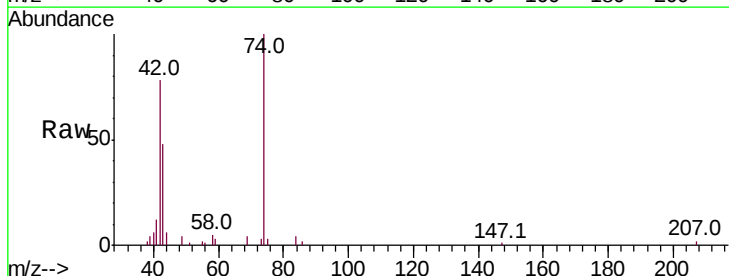
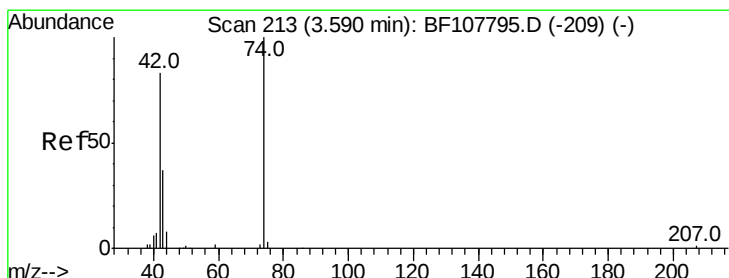
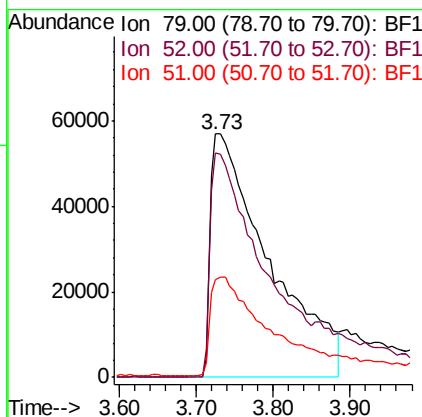
#3
Pvridine
Concen: 32.294 ng
RT: 3.73 min Scan# 236
Delta R.T. 0.11 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100	299147		
52	92.0	59.8	89.6#	
51	40.3	29.8	44.8	

Instrument :
BNA_F
ClientSampleId :
PB111618BS

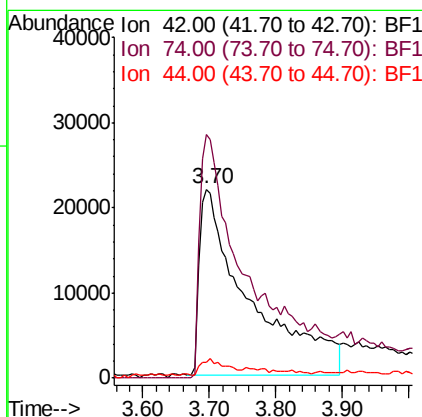
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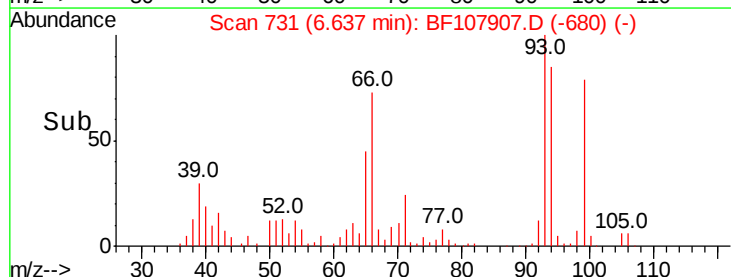
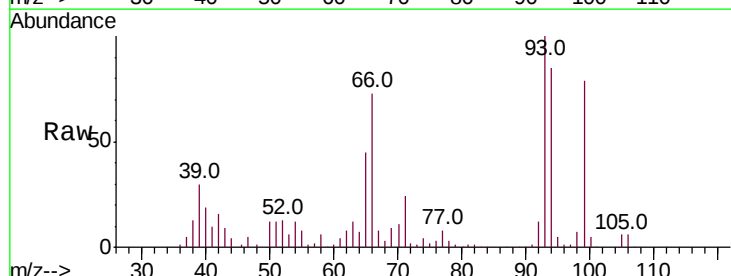
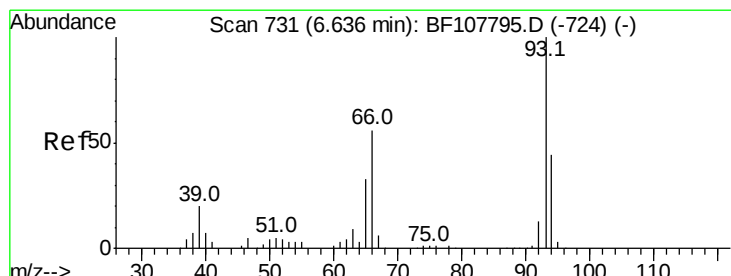
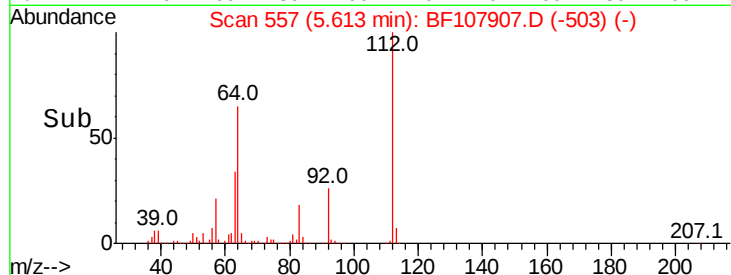
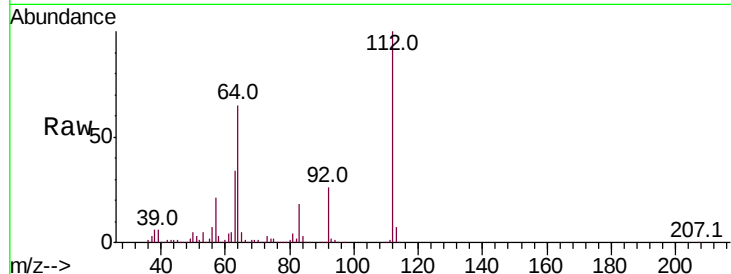
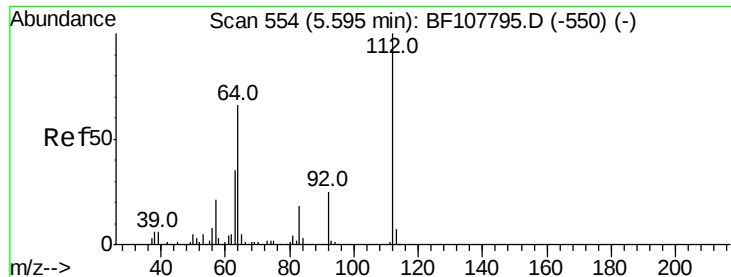
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#4
n-Nitrosodimethylamine
Concen: 26.675 ng m
RT: 3.70 min Scan# 231
Delta R.T. 0.11 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	115520		
74	129.0	104.9	157.3	
44	8.0	6.9	10.3	





#5

2-Fluorophenol

Concen: 129.313 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tot Ion:112 Resp: 1100620

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

63 34.0 23.7 35.5

Instrument :

BNA_F

ClientSampleId :

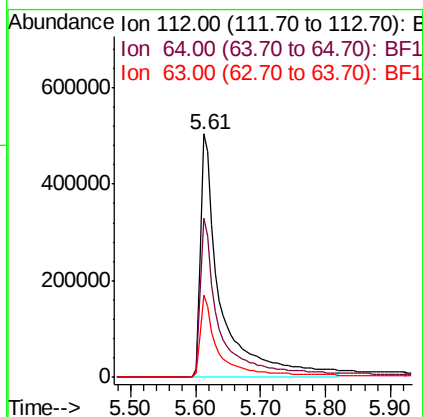
PB111618BS

Manual Integrations

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#6

Aniline

Concen: 39.612 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

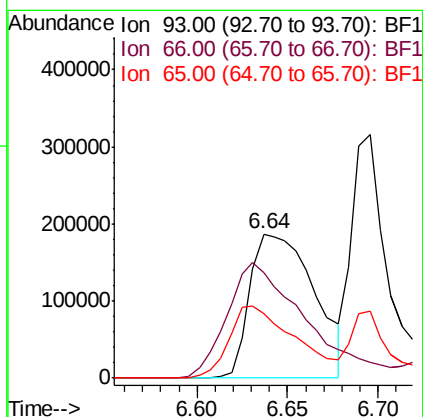
Tgt Ion: 93 Resp: 462167

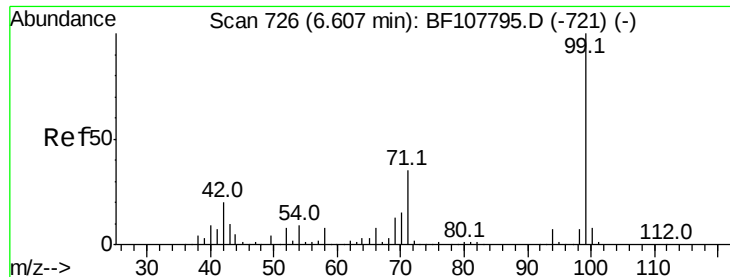
Ion Ratio Lower Upper

93 100

66 73.2 32.2 48.2#

65 44.6 16.4 24.6#





#7

Phenol-d6

Concen: 117.838 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tot Ion: 99 Resp: 1321831

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

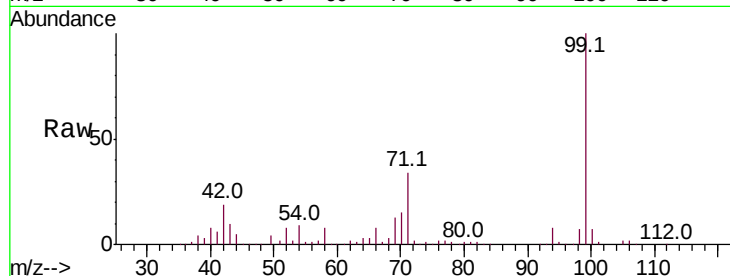
71 33.9 25.4 38.0

Manual Integrations

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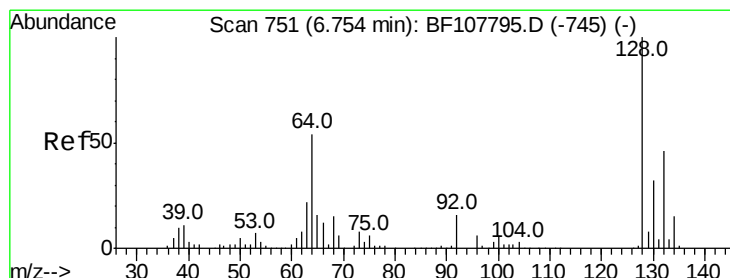
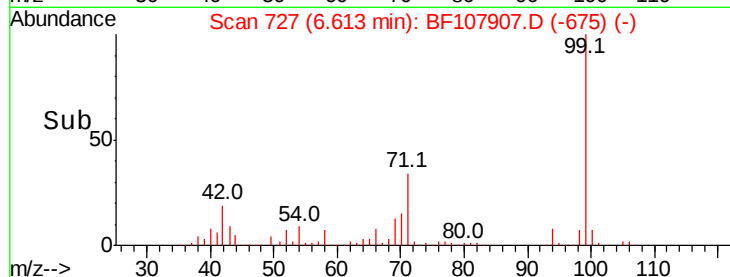
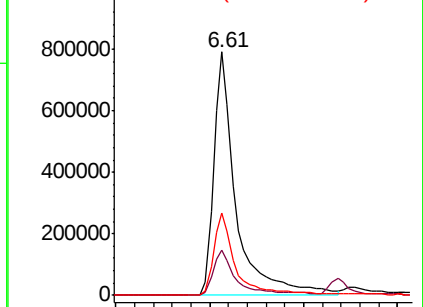
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.549 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

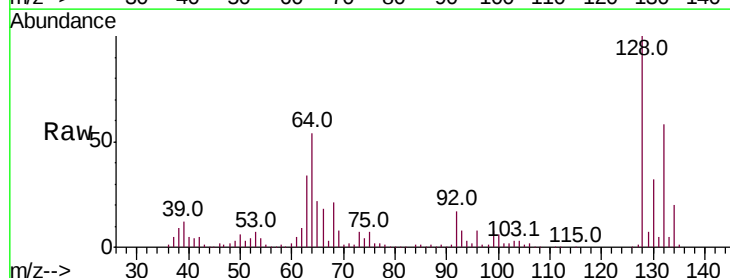
Tgt Ion:128 Resp: 465593

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

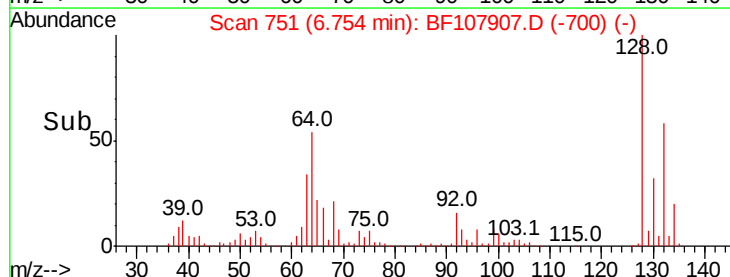
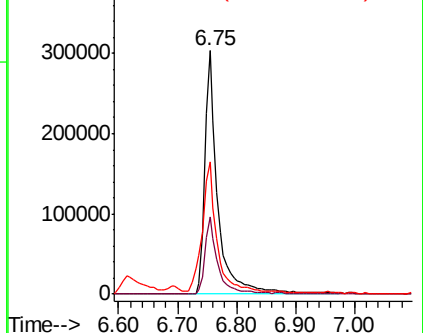
64 54.3 29.4 69.4

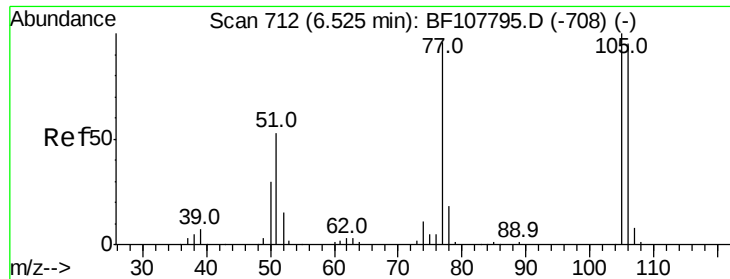


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

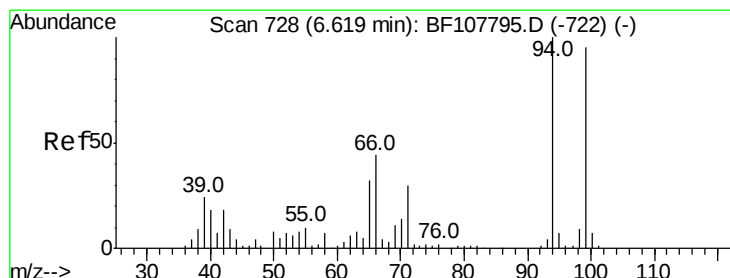
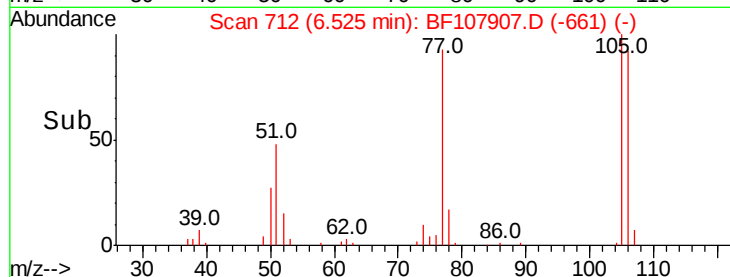
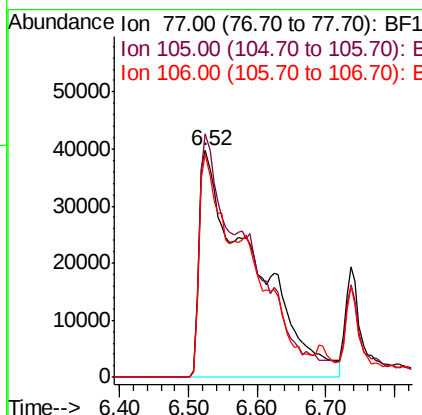
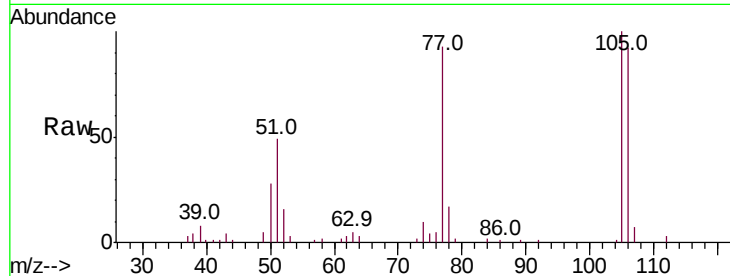
Concen: 31.399 ng/ml
 RT: 6.52 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleID :
 PB111618BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.3	81.1	121.1
106	98.3	74.5	114.5

Manual Integrations
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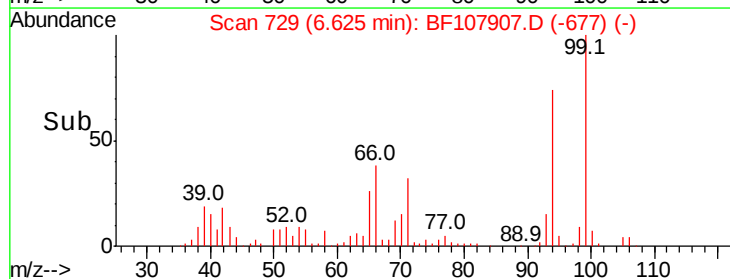
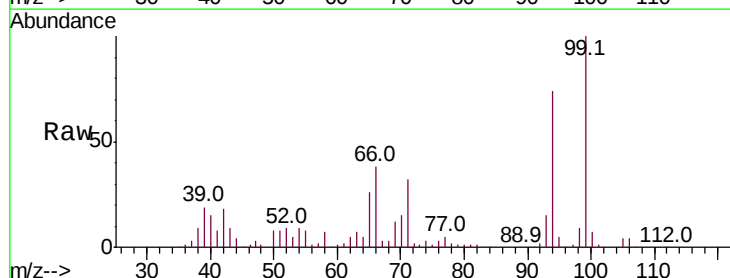
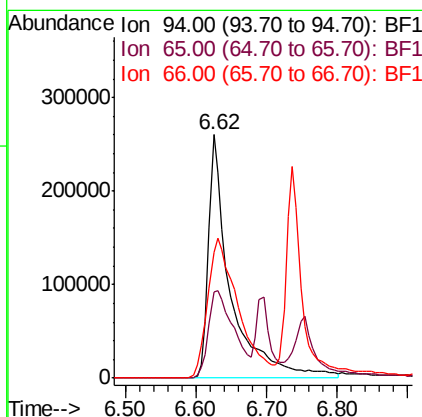


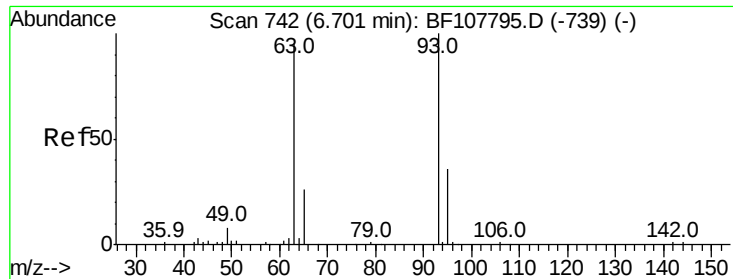
#10

Phenol

Concen: 42.420 ng/ml
 RT: 6.62 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	7.9	47.9
66	51.7	16.2	56.2





#11

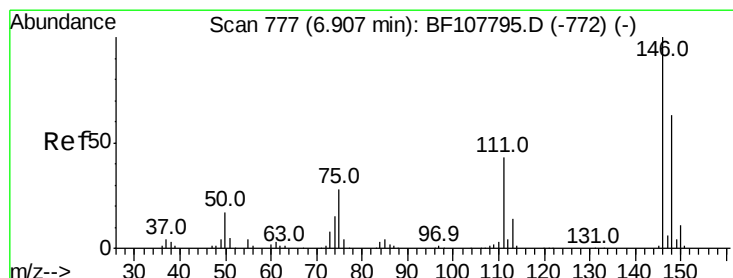
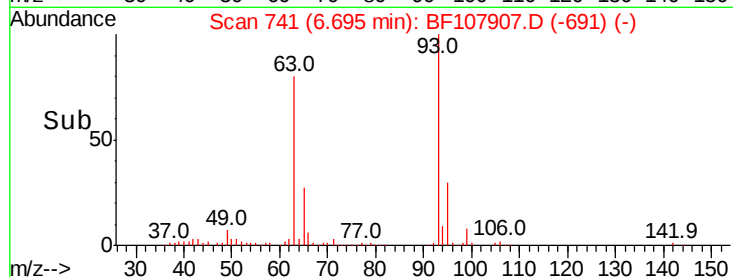
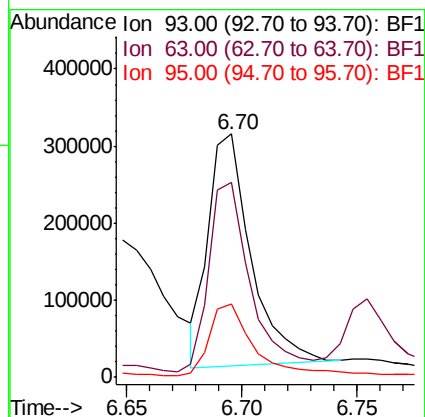
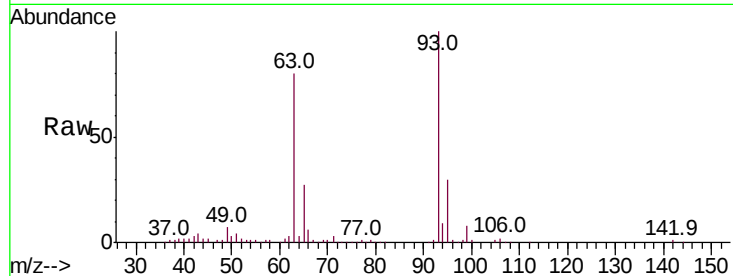
bis(2-Chloroethyl)ether
Concen: 32.557 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion:	93	Resp:	387264
Ion Ratio	Lower	Upper	
93	100		
63	80.1	58.6	98.6
95	30.0	11.8	51.8

Manual Integrations
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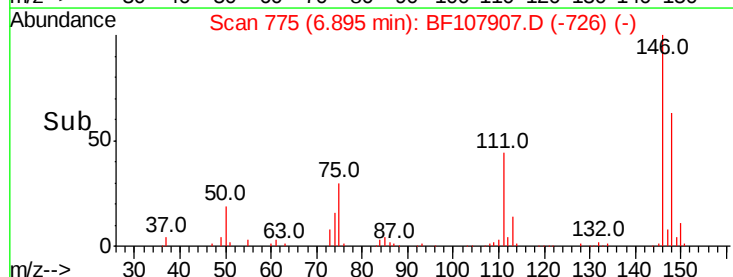
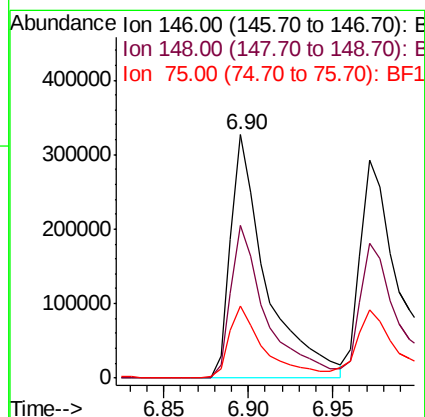
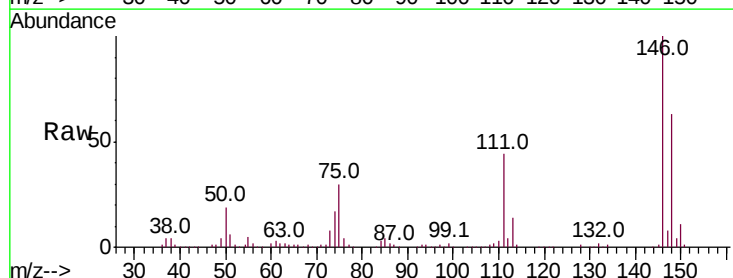
Sohil
8/3/2018 12:53:08 PM

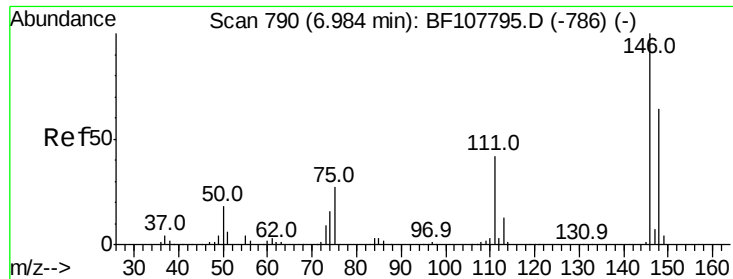


#12

1,3-Dichlorobenzene
Concen: 42.543 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:	146	Resp:	477049
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.381 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

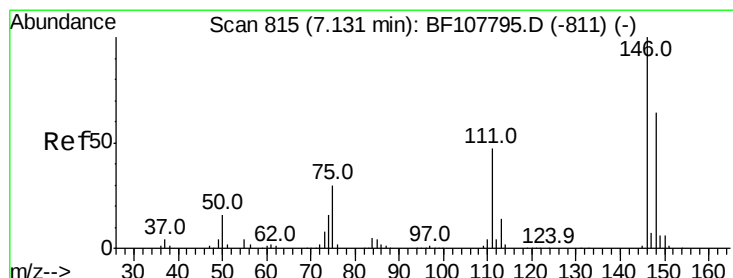
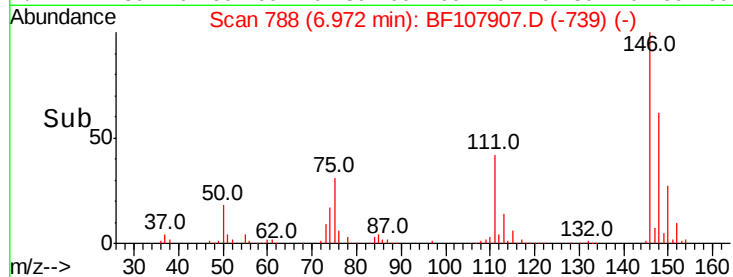
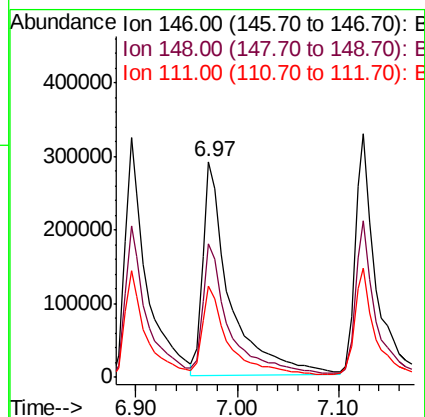
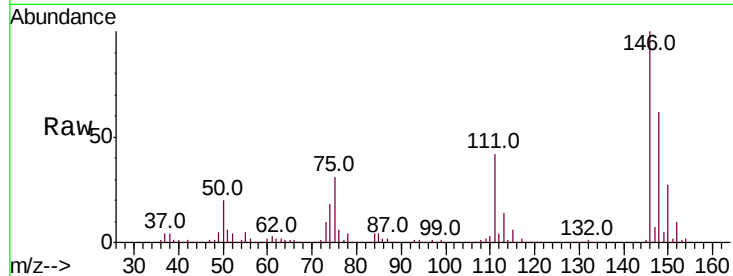
ClientSampled :

PB111618BS

Tot Ion:	146	Resp:	541498
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.8	76.2
111	42.3	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.469 ng

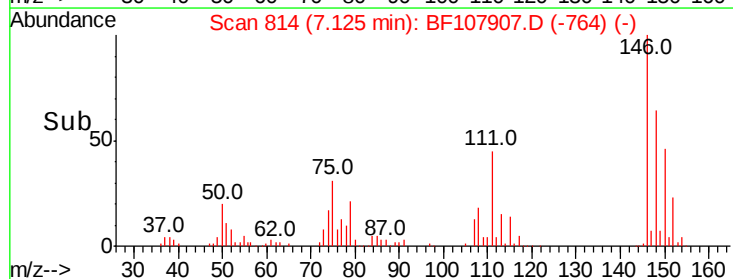
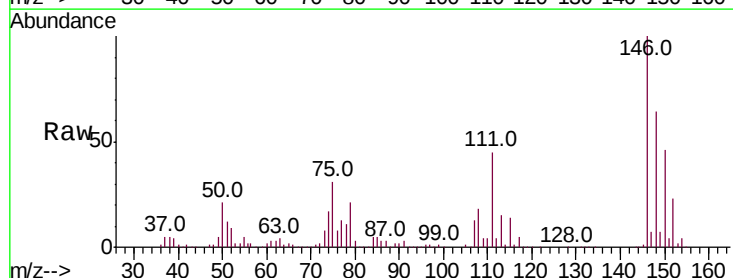
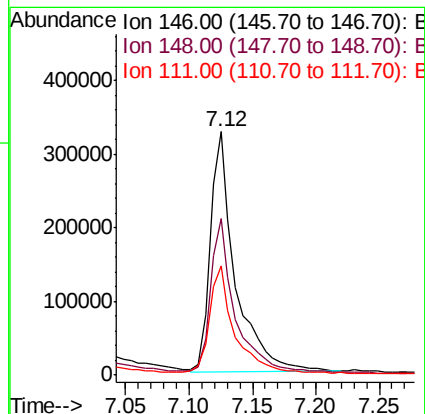
RT: 7.12 min Scan# 814

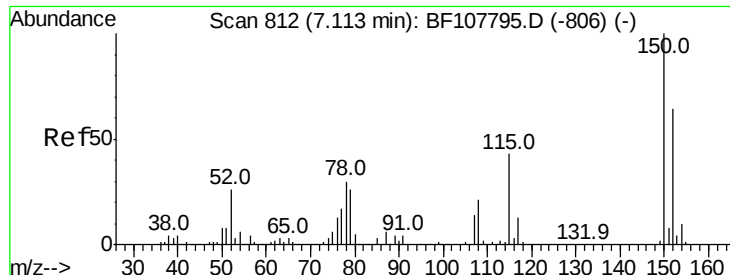
Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion:	146	Resp:	445744
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	44.9	36.0	54.0





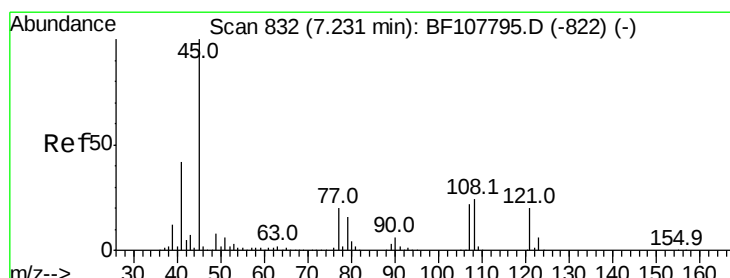
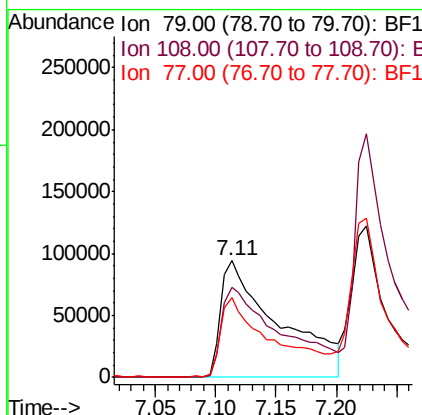
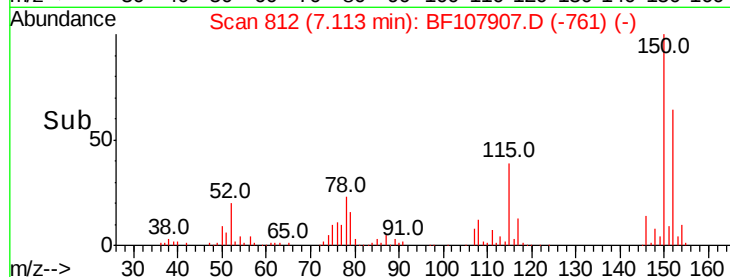
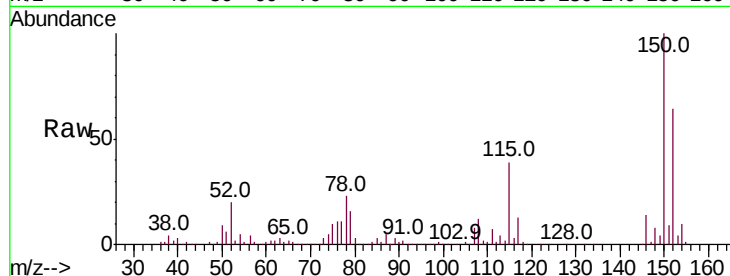
#15
Benzyl Alcohol
Concen: 44.736 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampled :
PB111618BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	65.1	97.7
77	68.2	50.6	75.8

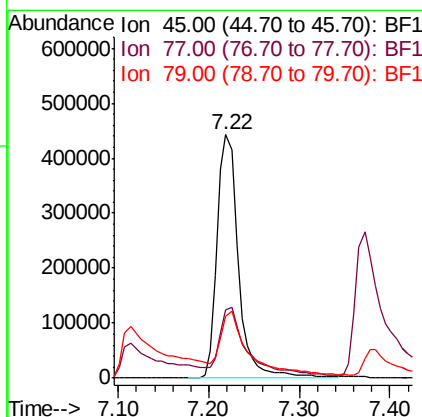
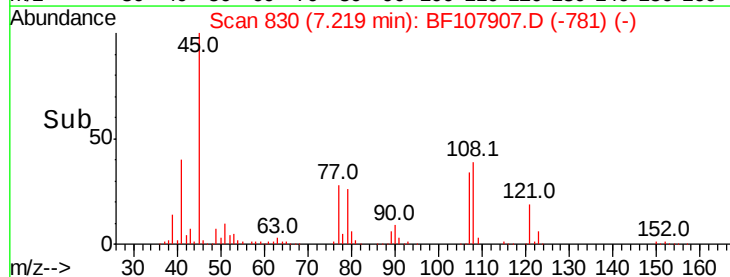
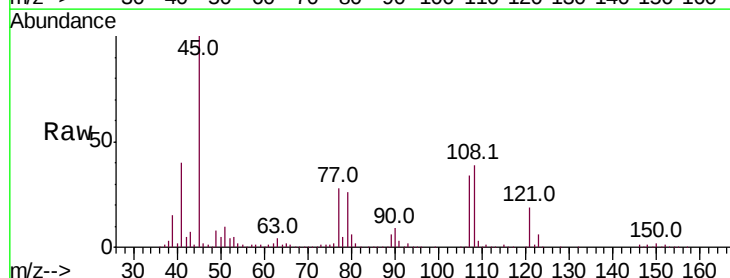
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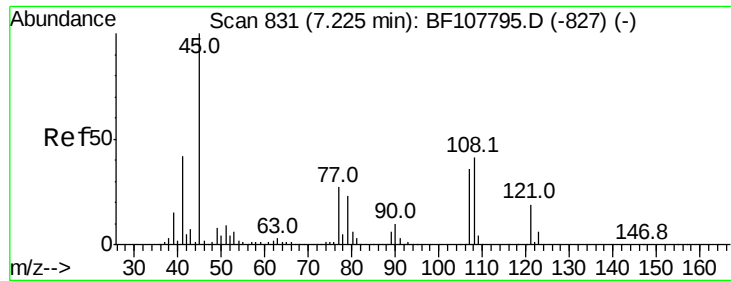
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.275 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.1	0.0	32.9
79	25.7	0.0	29.6





#17

2-Methylphenol

Concen: 47.206 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tot Ion:107 Resp: 372567
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

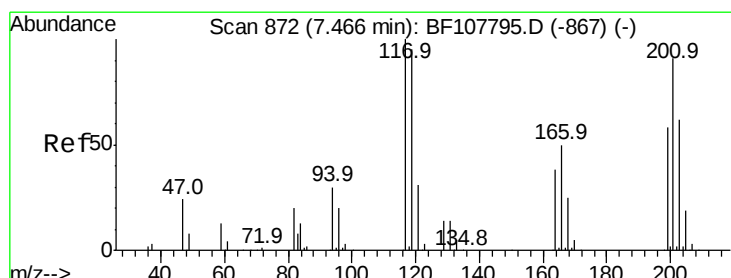
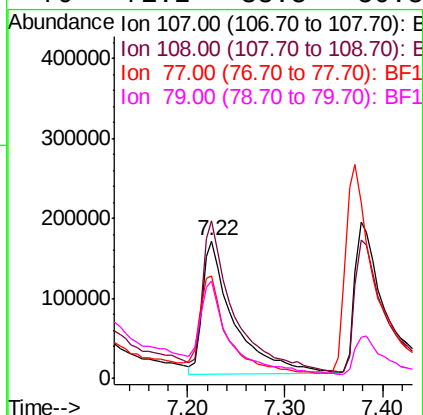
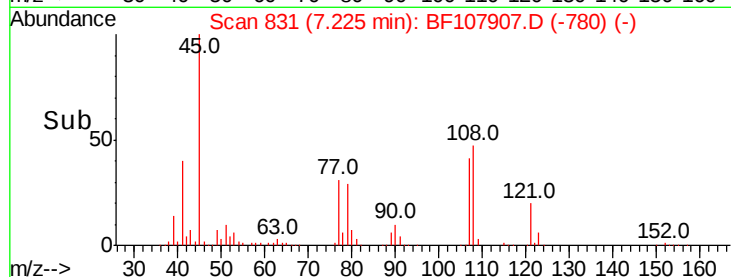
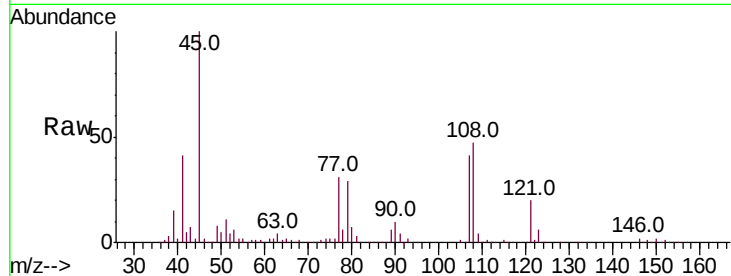
77 74.6 33.8 50.8#

79 71.2 33.8 50.8#

Manual Integrations
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#18

Hexachloroethane

Concen: 40.976 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF107907.D

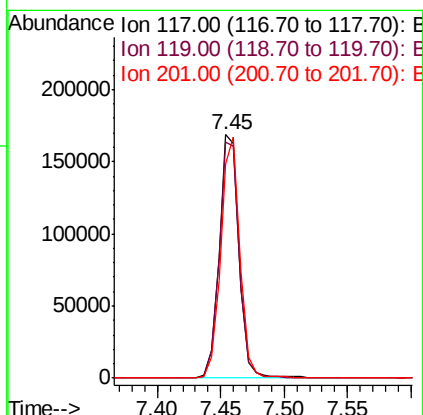
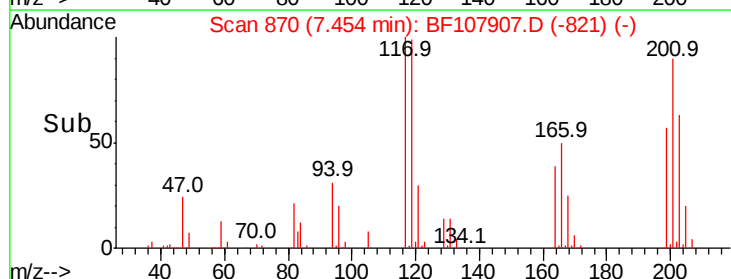
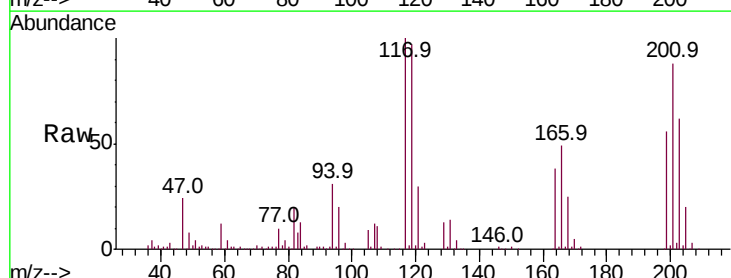
Acq: 2 Aug 2018 14:16

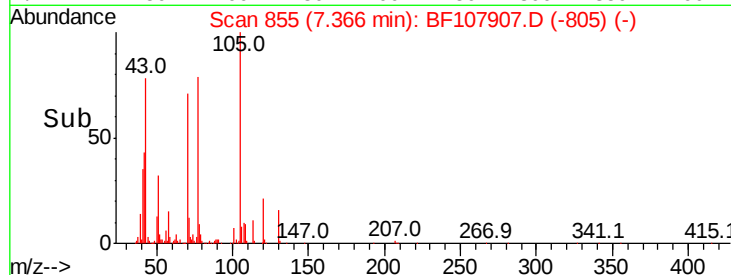
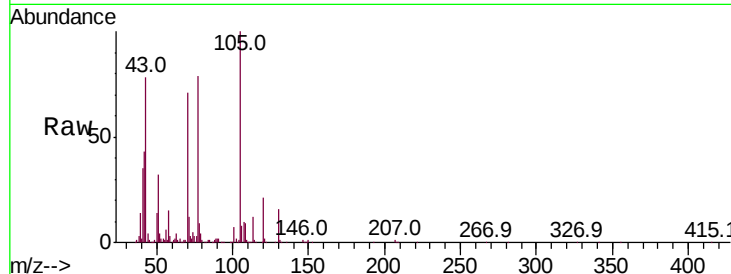
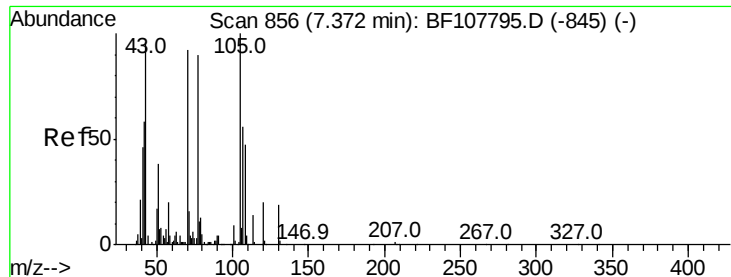
Tgt Ion:117 Resp: 183845
Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.8

201 88.1 75.7 113.5





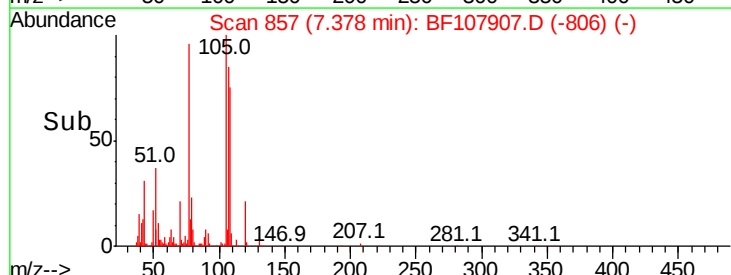
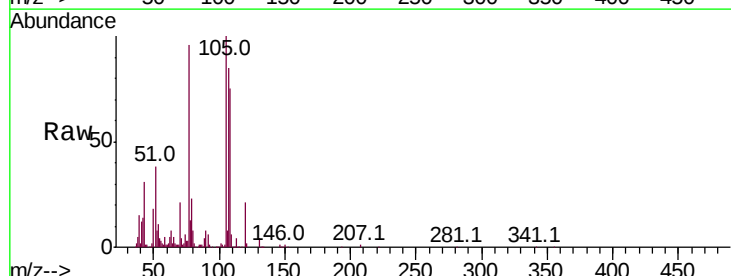
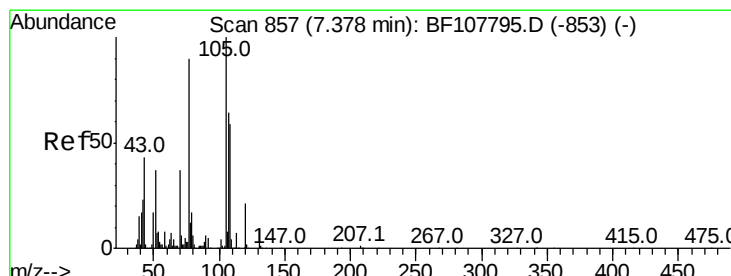
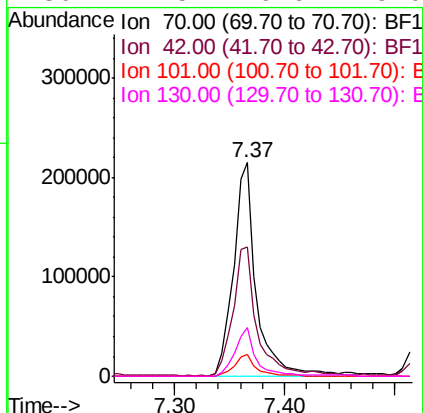
#19
n-Nitroso-di-n-propylamine
Concen: 43.993 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.5	71.3
101	10.5	7.4	11.2
130	22.5	16.6	25.0

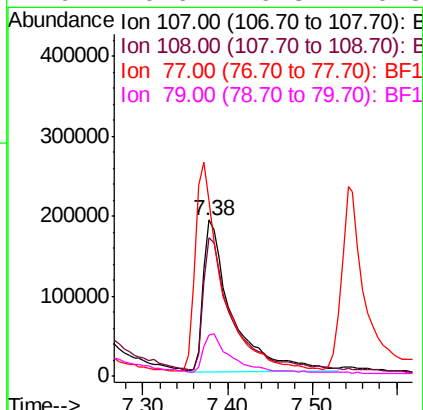
Manual Integrations
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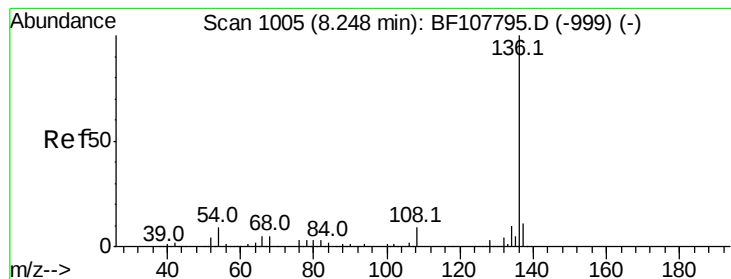
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#20
3+4-Methylphenols
Concen: 45.963 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	112.7	26.7	66.7#
79	26.6	6.3	46.3





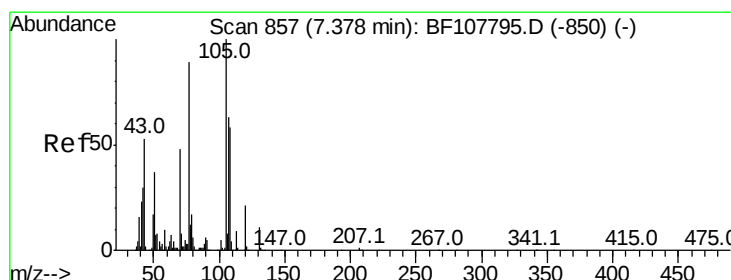
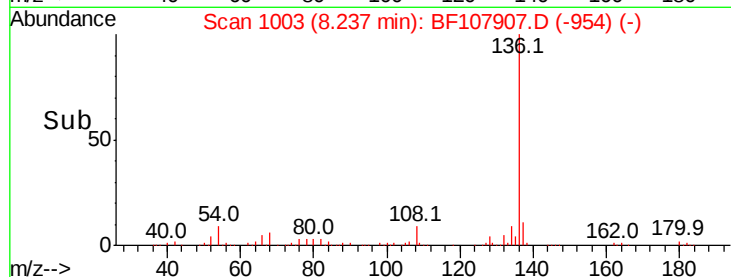
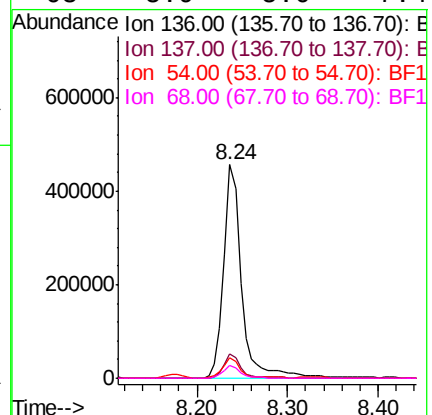
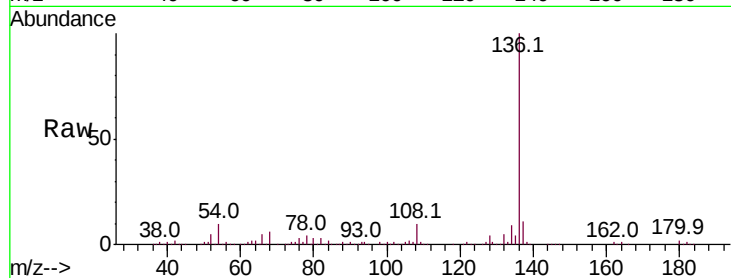
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	626877		
137	11.1	8.9	13.3	
54	9.6	6.6	9.8	
68	5.9	5.0	7.4	

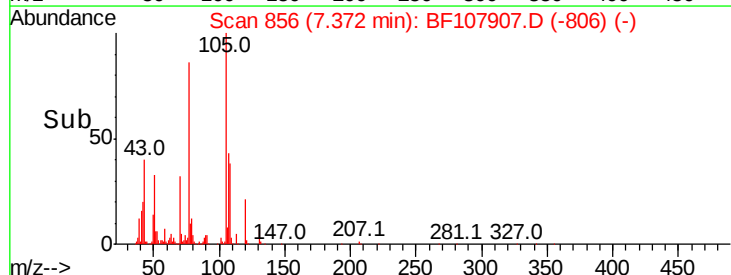
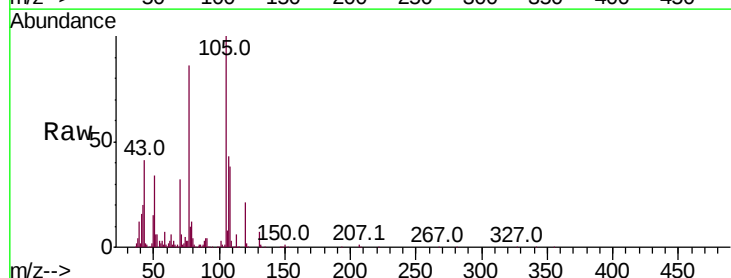
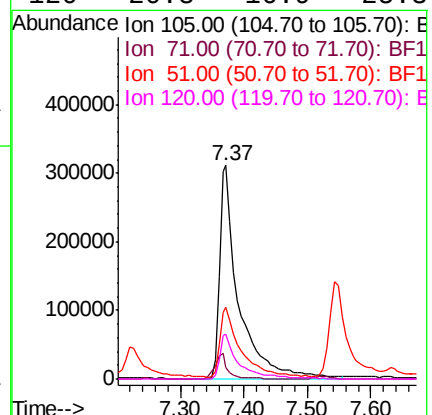
Manual Integrations
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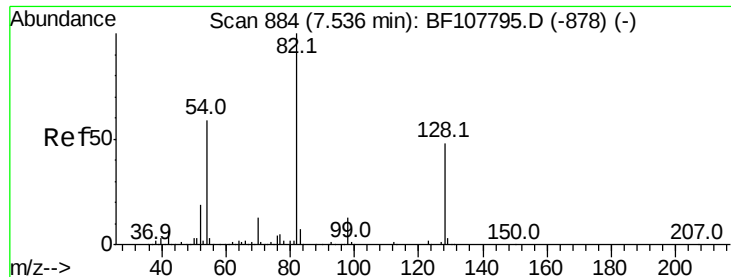
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#22
Acetophenone
Concen: 43.975 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	663219		
71	5.6	4.4	6.6	
51	33.8	22.3	33.5#	
120	20.8	16.9	25.3	





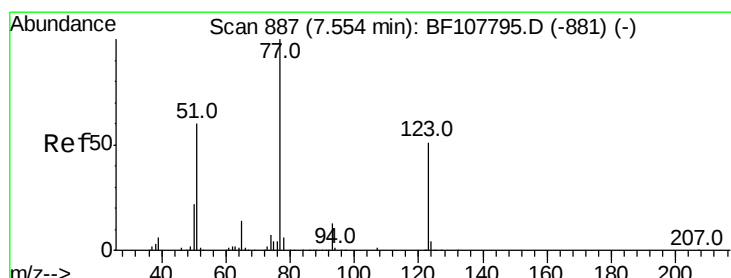
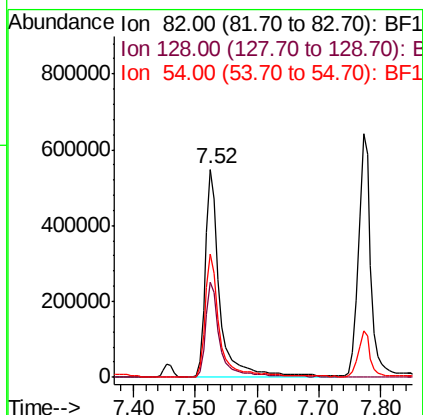
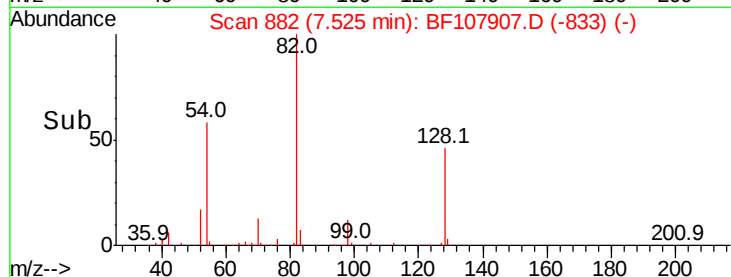
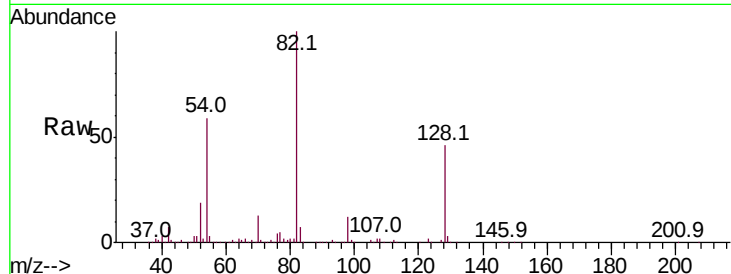
#23
Nitrobenzene-d5
Concen: 82.604 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	59.0	41.4	62.2

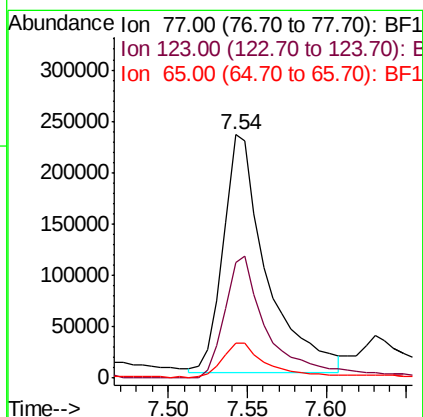
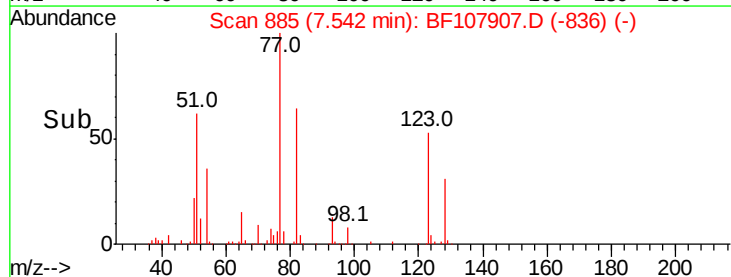
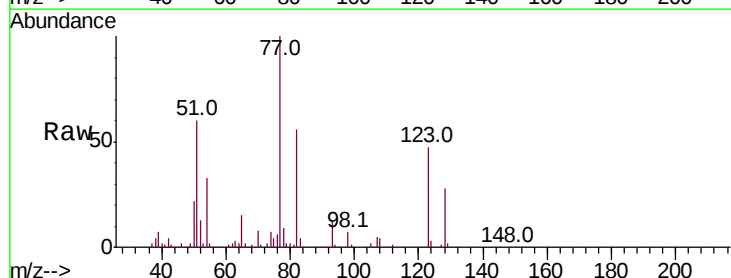
Manual Integrations
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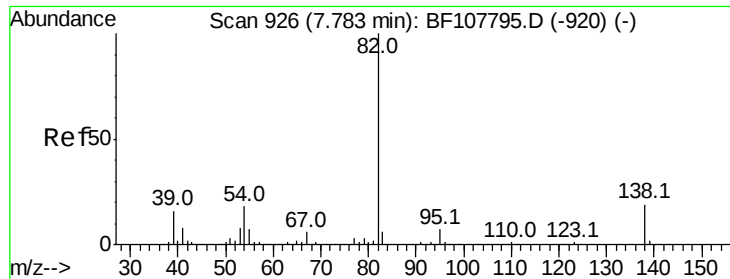
Sohil
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#24
Nitrobenzene
Concen: 38.764 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 51.413 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

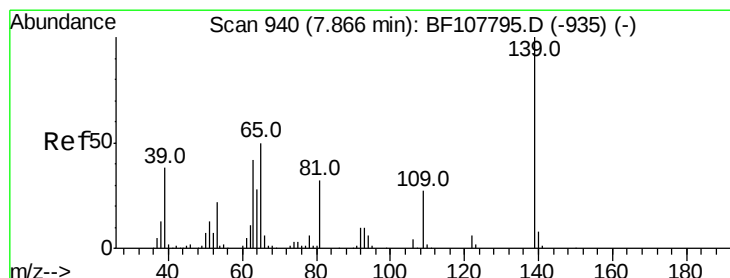
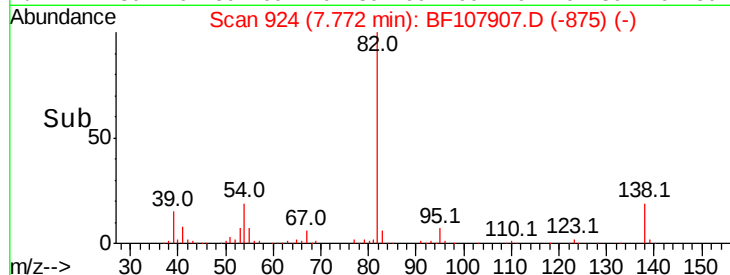
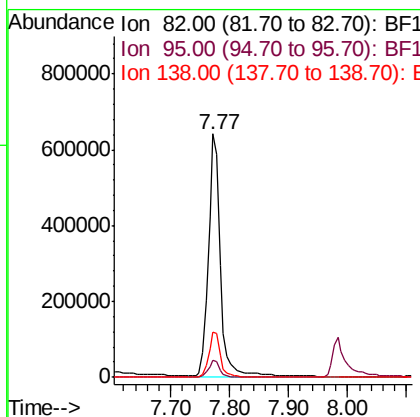
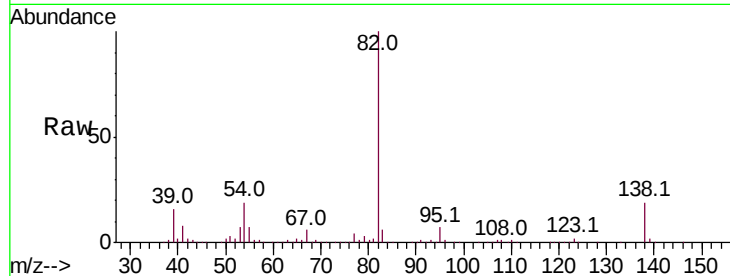
ClientSampleId :

PB111618BS

Tot Ion:	82	Resp:	918315
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.999 ng

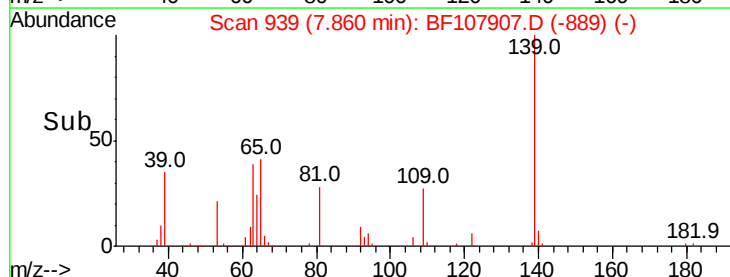
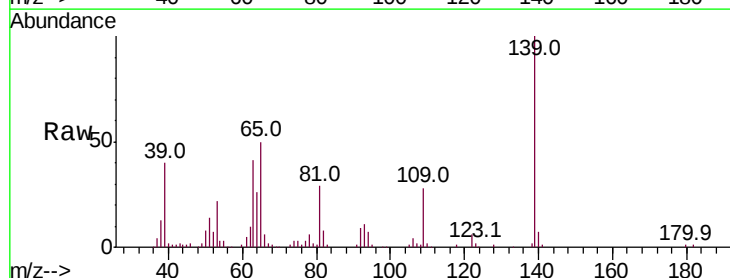
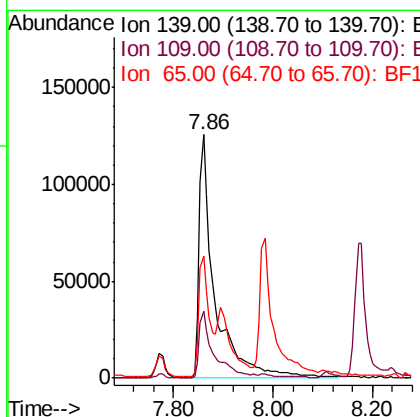
RT: 7.86 min Scan# 939

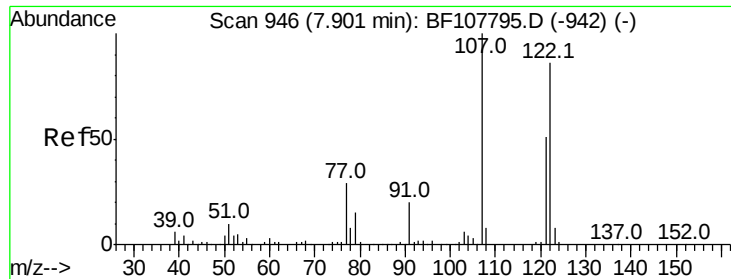
Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion:	139	Resp:	274851
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.7	34.1
65	49.9	40.5	60.7





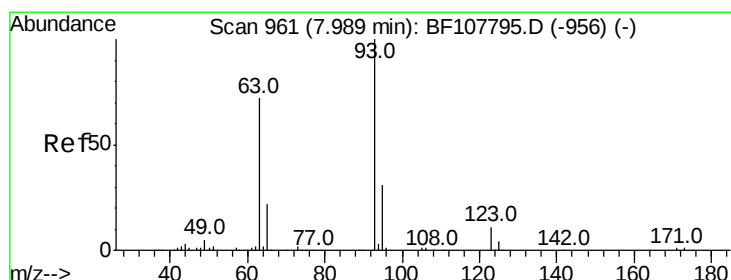
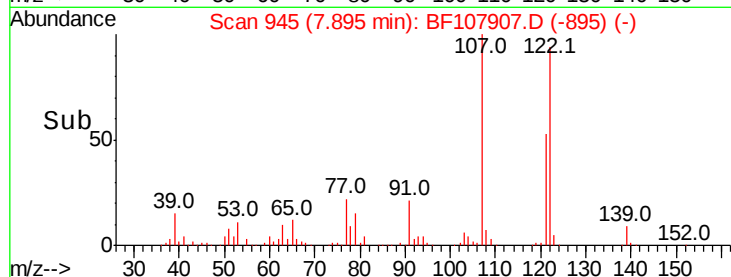
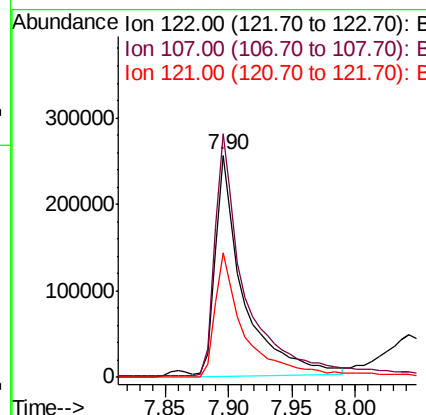
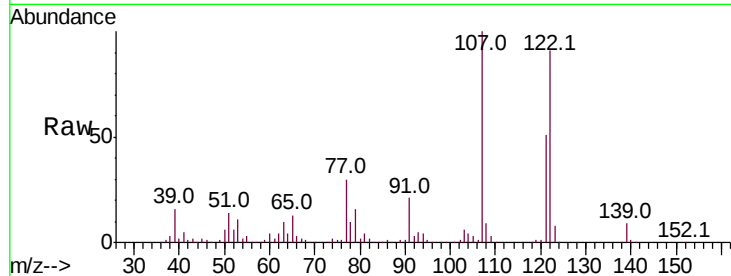
#27
2,4-Dimethylphenol
Concen: 51.780 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	91.2	136.8
121	56.2	47.2	70.8

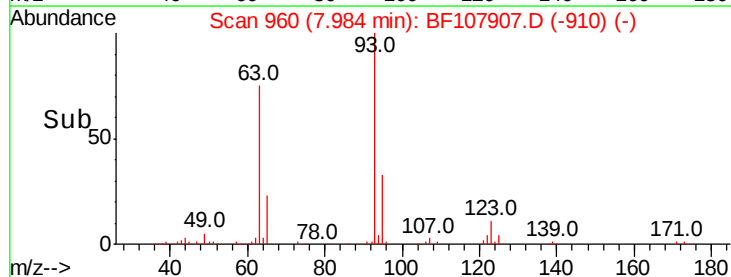
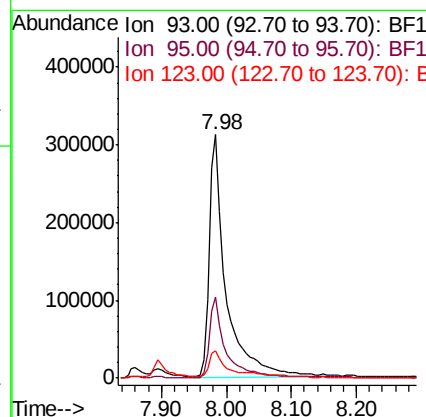
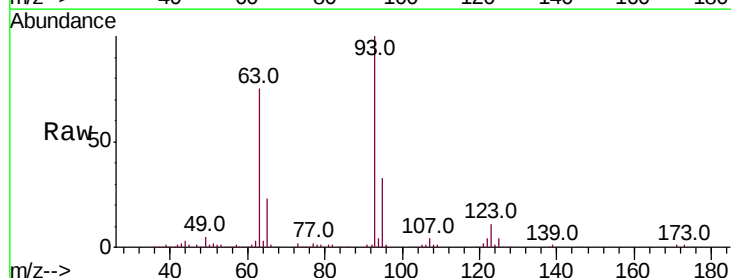
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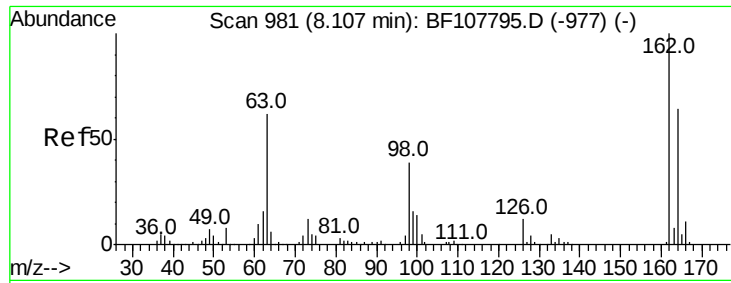
Sohil
8/3/2018 12:53:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.225 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.4	9.8	14.6





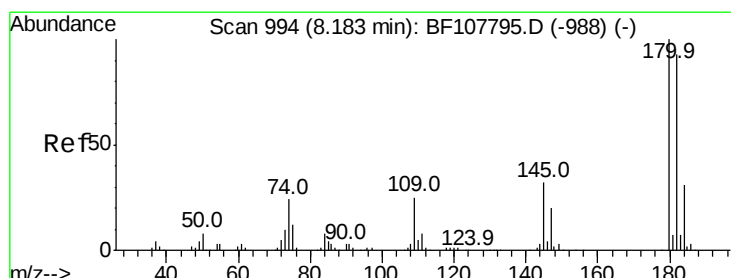
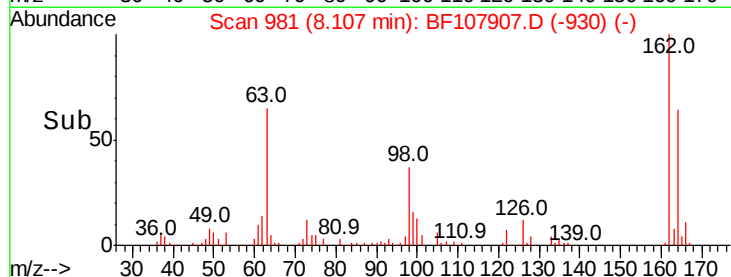
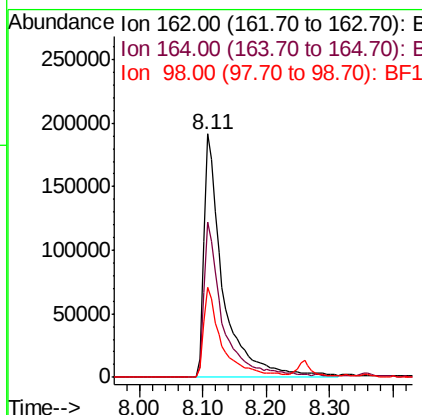
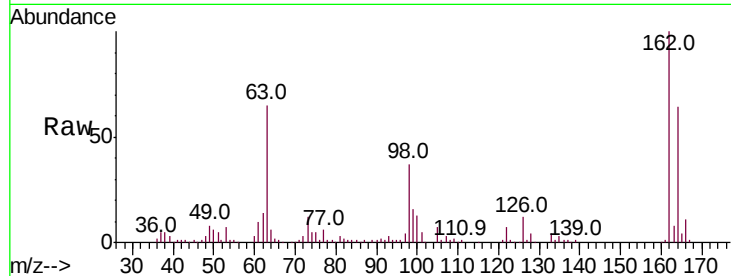
#29
 2,4-Dichlorophenol
 Concen: 46.535 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	403538		
164	63.6		42.7	82.7
98	37.1		18.1	58.1

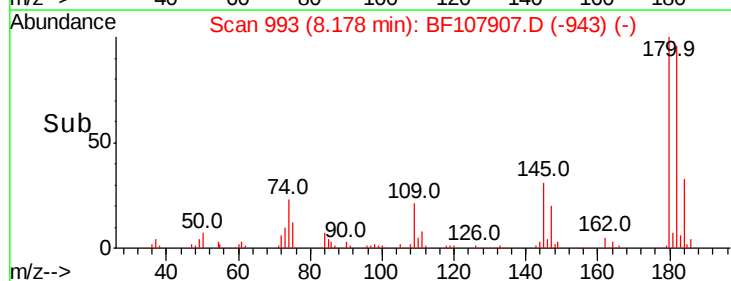
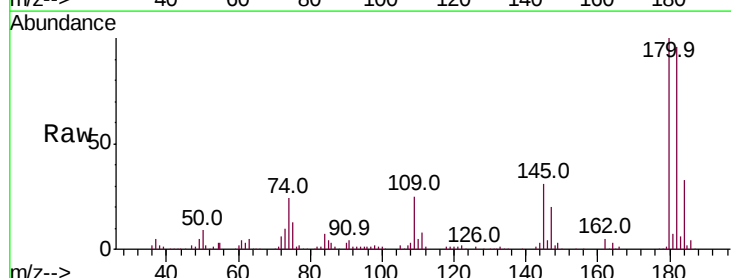
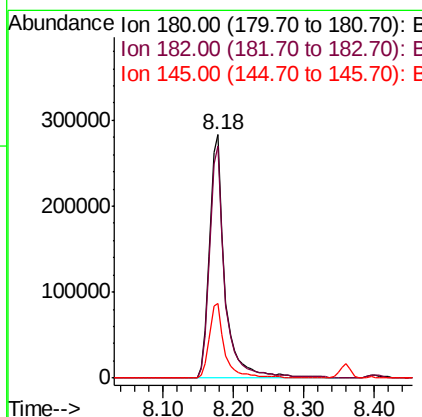
Manual Integrations
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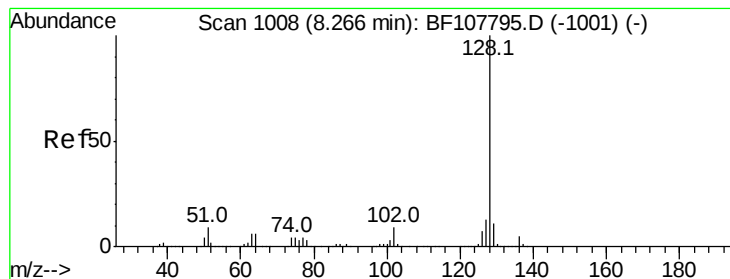
Sohil
 8/3/2018 12:53:08 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.580 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	431133		
182	95.5		76.8	115.2
145	30.5		26.5	39.7





#31

Naphthalene

Concen: 48.510 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tot Ion:128 Resp: 1413591

Ion Ratio Lower Upper

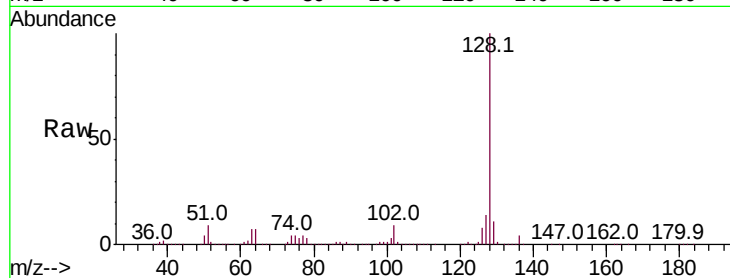
128 100

129 11.2 8.8 13.2

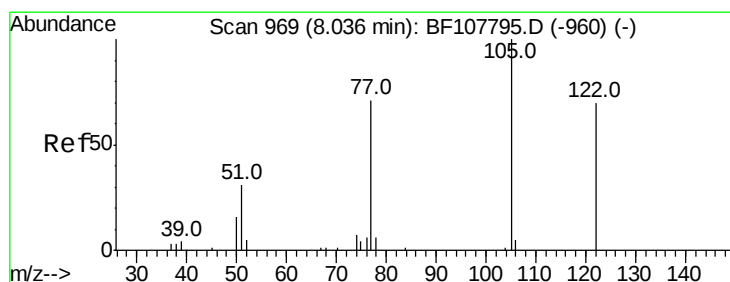
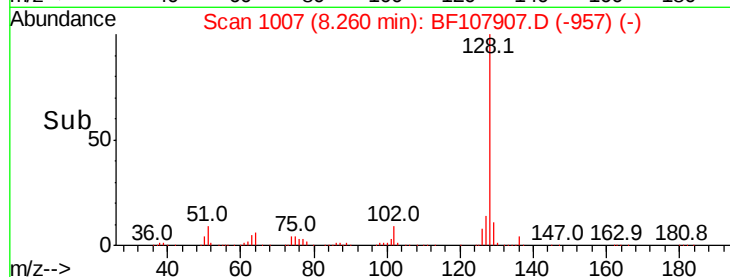
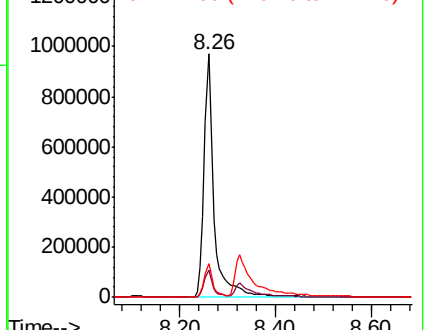
127 13.9 10.9 16.3

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



#32

Benzoic acid

Concen: 37.633 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

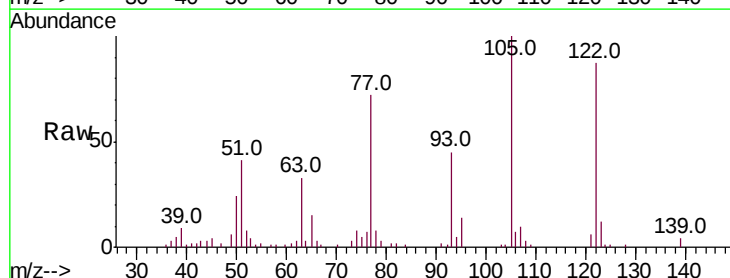
Tgt Ion:122 Resp: 193500

Ion Ratio Lower Upper

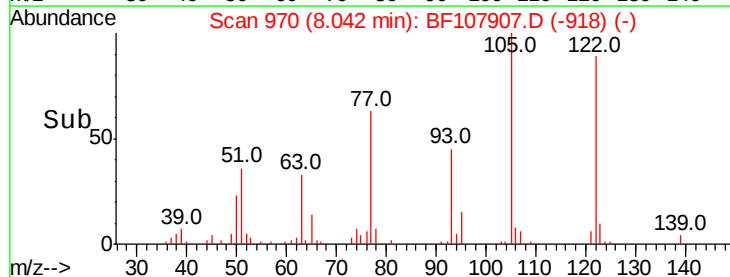
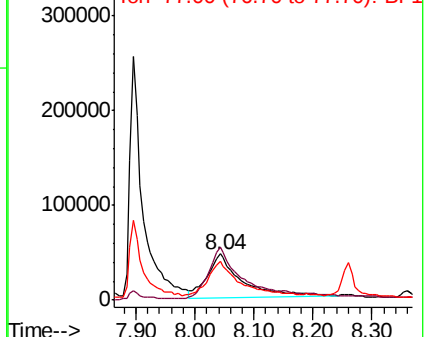
122 100

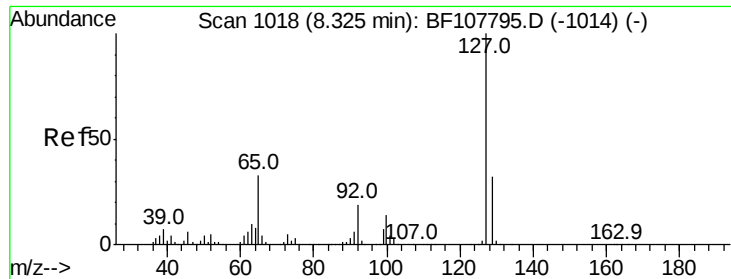
105 115.3 101.1 141.1

77 82.9 70.7 110.7



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





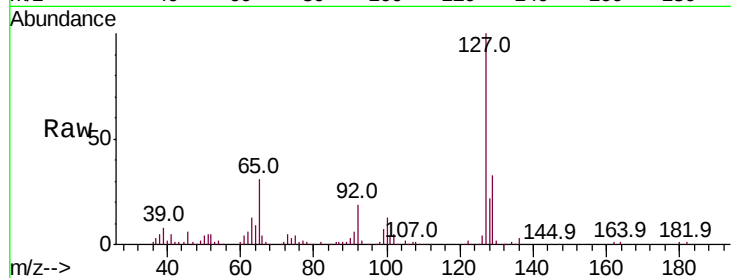
#33
4-Chloroaniline
Concen: 37.815 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	470677		
129	33.2		25.9	38.9
65	31.4		25.0	37.4
92	18.6		15.2	22.8

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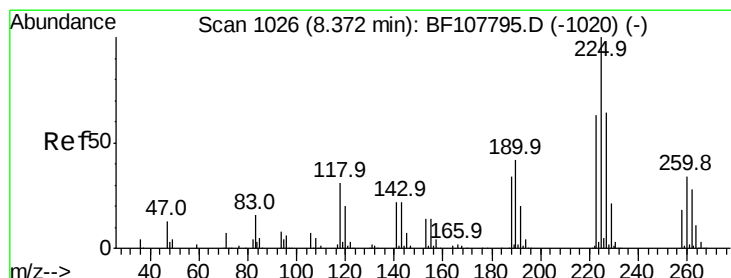
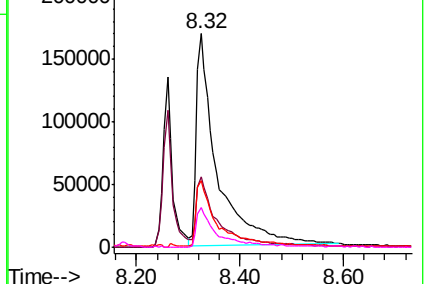
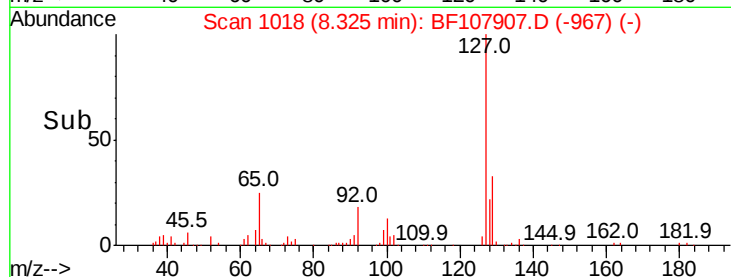
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

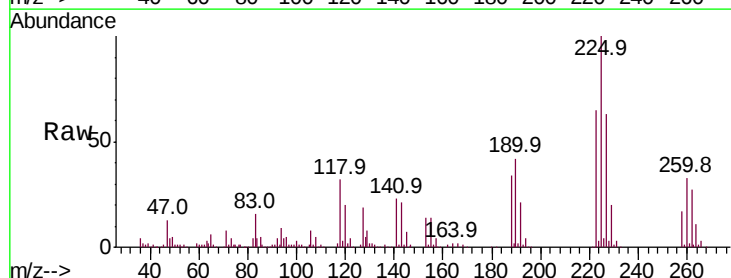
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.682 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	248705		
223	64.9		50.6	76.0
227	63.2		51.9	77.9

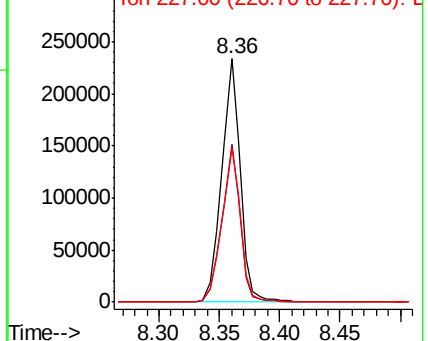
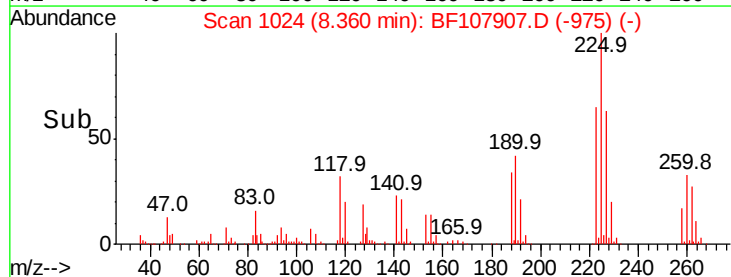


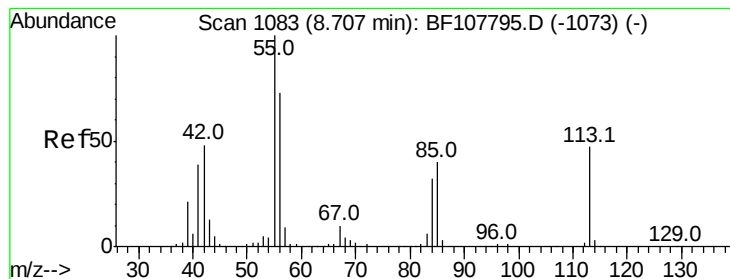
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.191 ng/ml

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampled :

PB111618BS

Tot Ion:113 Resp: 128415

Ion Ratio Lower Upper

113 100

55 214.3 163.3 203.3#

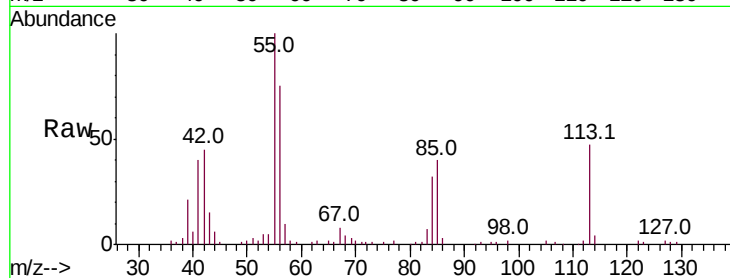
56 160.5 115.7 155.7#

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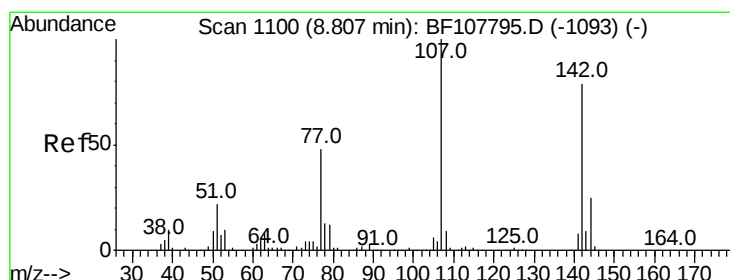
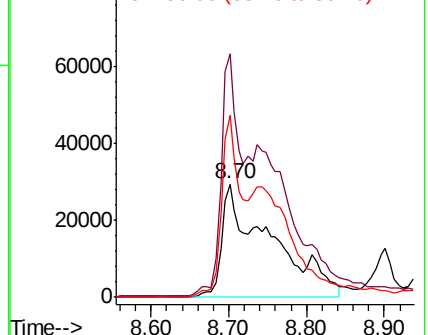
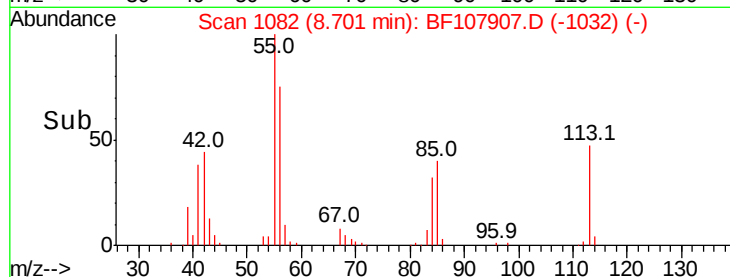
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.348 ng/ml

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

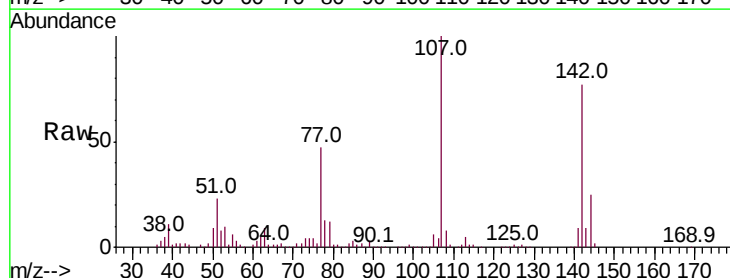
Tgt Ion:107 Resp: 427089

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

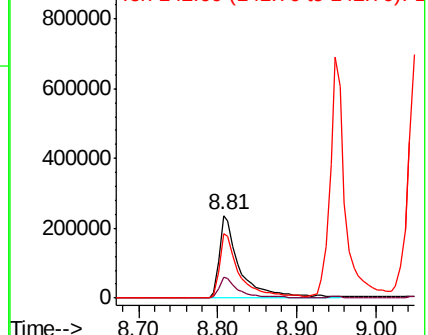
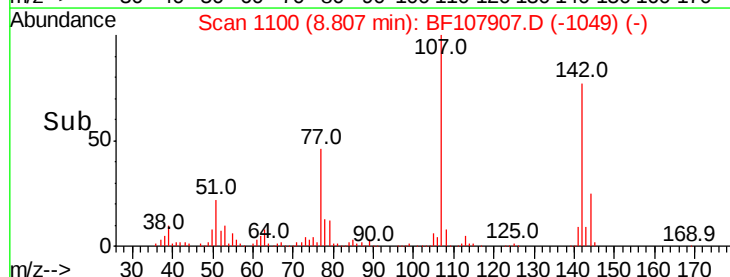
142 77.1 62.0 93.0

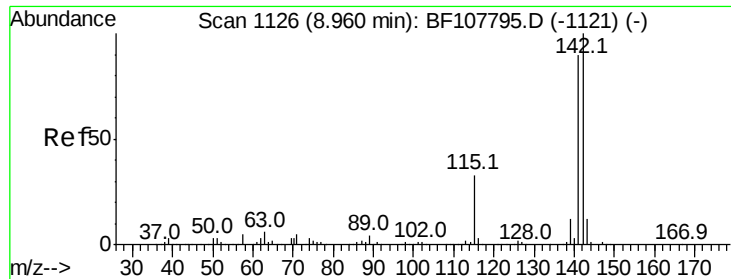


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





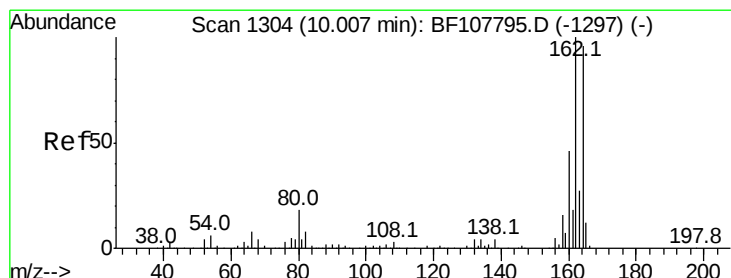
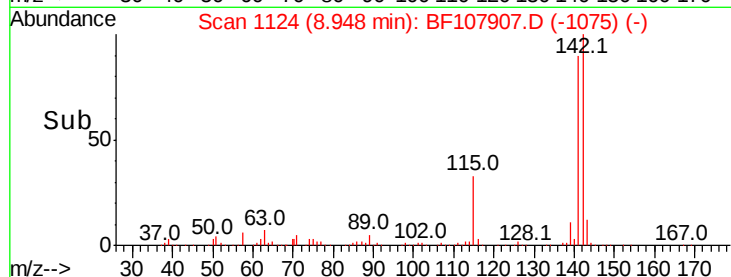
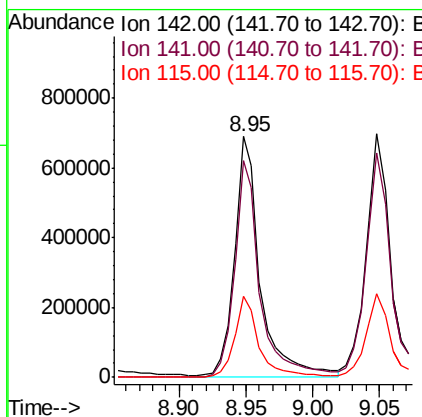
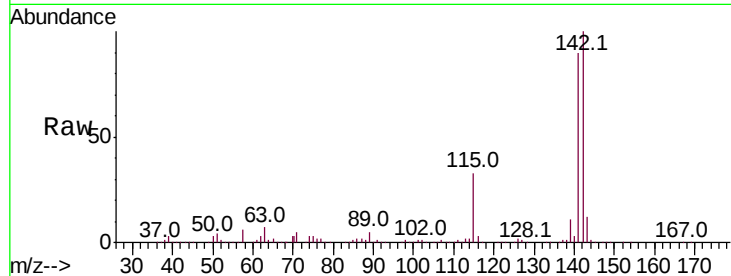
#37
 2-Methylnaphthalene
 Concen: 50.686 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	927772		
141	90.1		70.8	106.2
115	33.4		26.1	39.1

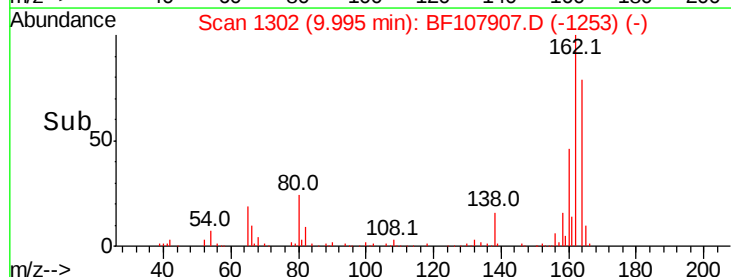
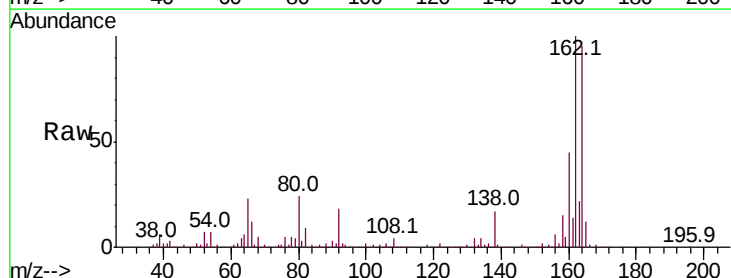
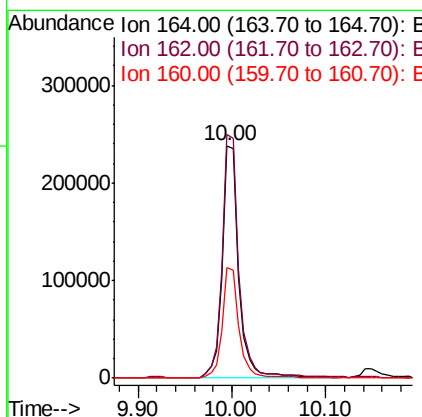
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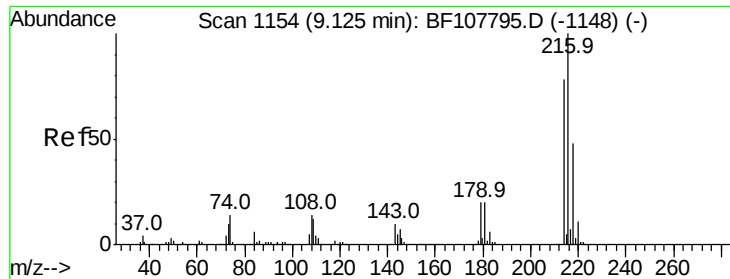
Sohil
 8/3/2018 12:53:08 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	294220		
162	104.7		86.1	129.1
160	47.4		38.3	57.5





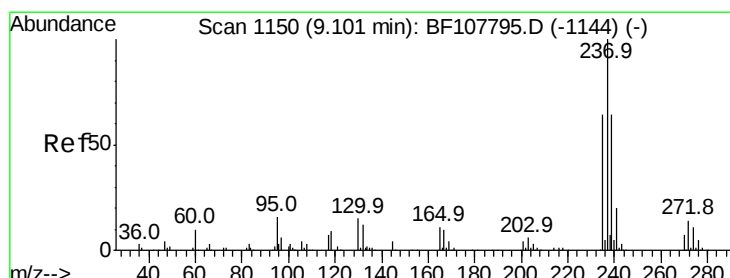
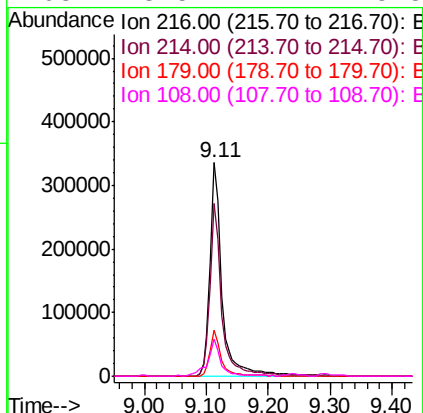
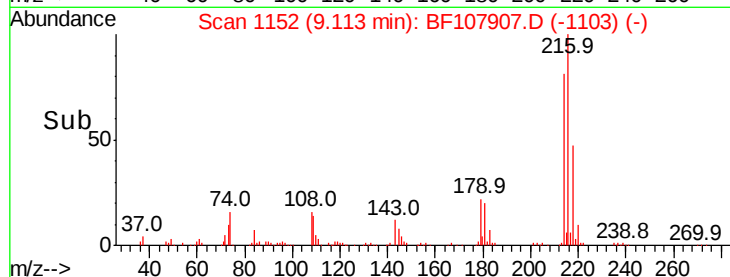
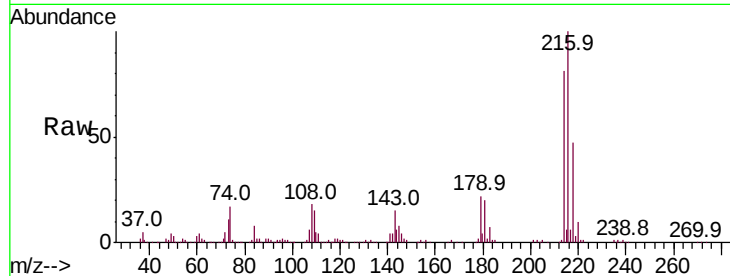
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.908 ng
RT: 9.11 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	450489		
214	79.9	63.0	94.4	
179	20.8	18.1	27.1	
108	18.5	17.2	25.8	

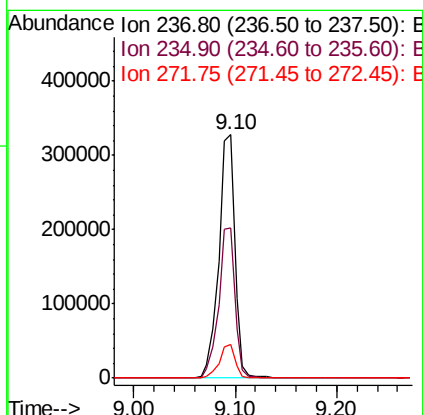
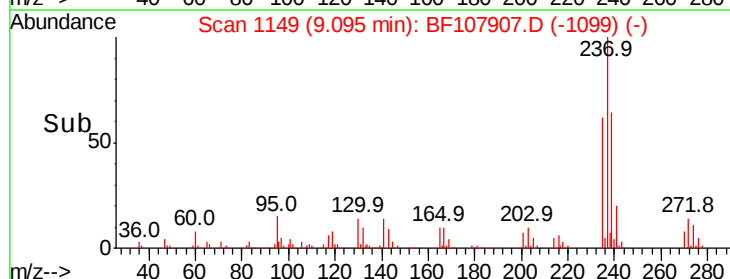
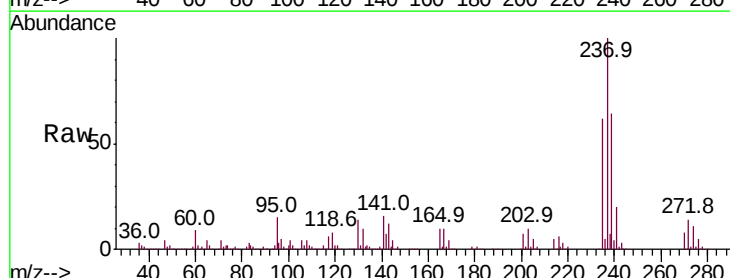
Manual Integrations
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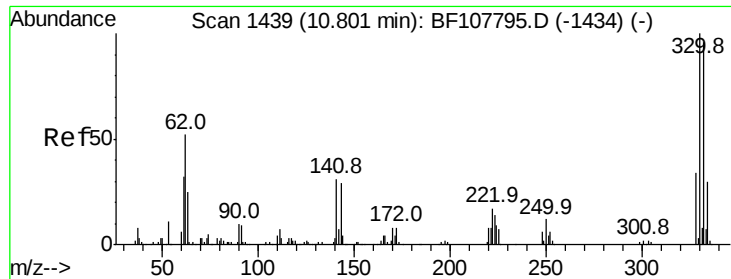
Sohil
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#40
Hexachlorocyclopentadiene
Concen: 84.118 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	365052		
235	61.7	44.8	84.8	
272	13.9	0.0	33.3	





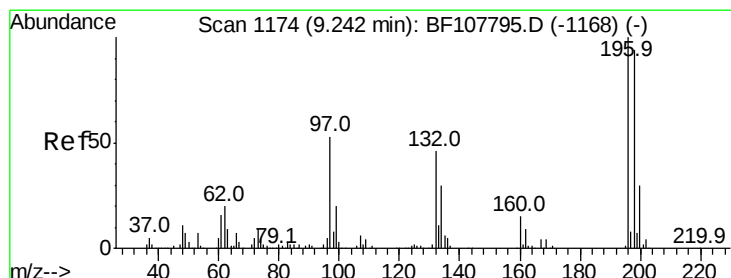
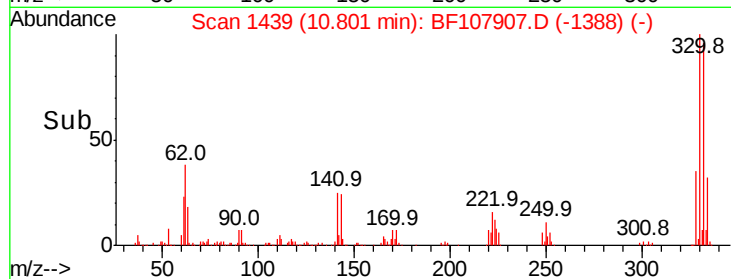
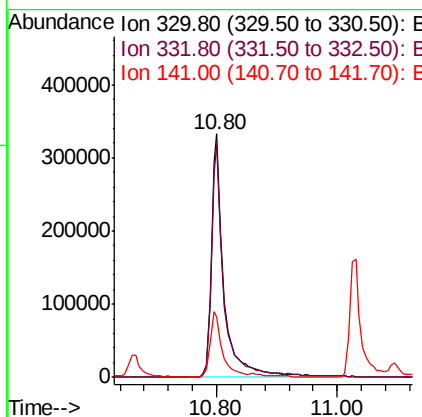
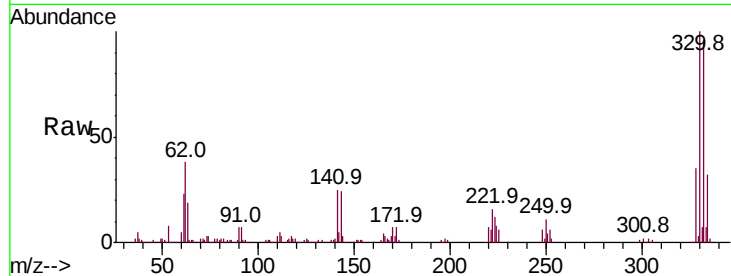
#41
 2,4,6-Tribromophenol
 Concen: 122.206 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampled :
 PB111618BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	25.6	29.9	44.9#

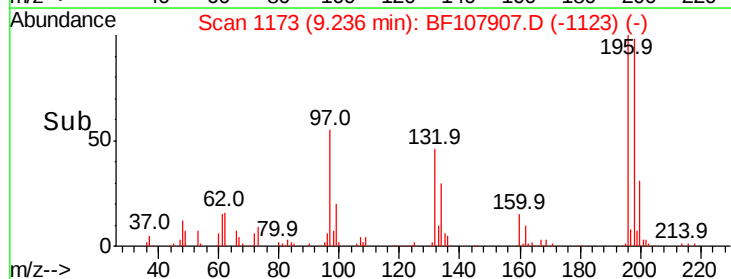
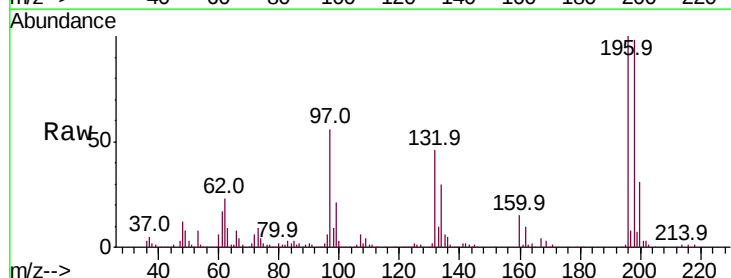
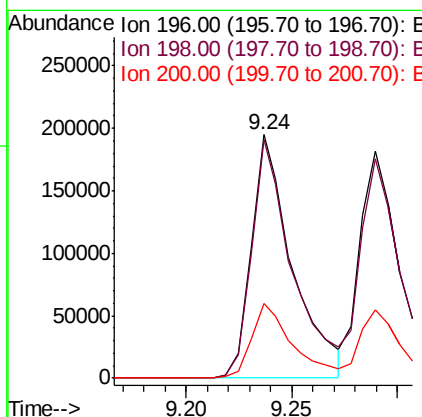
Manual Integrations
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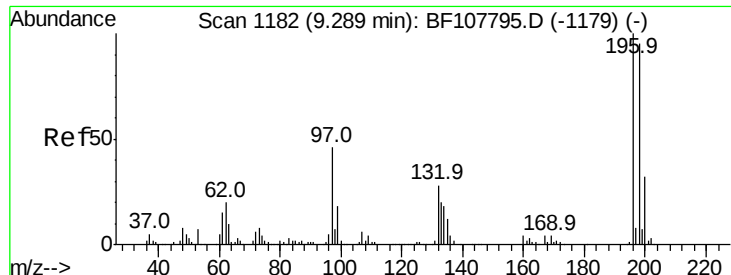
Sohil
 8/3/2018 12:53:08 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.263 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	75.7	113.5
200	30.6	24.5	36.7





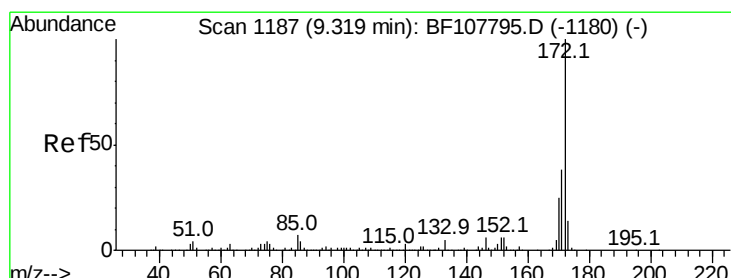
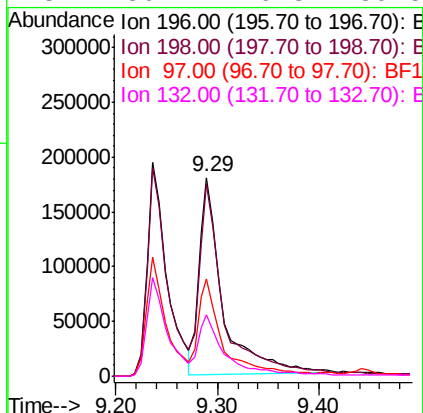
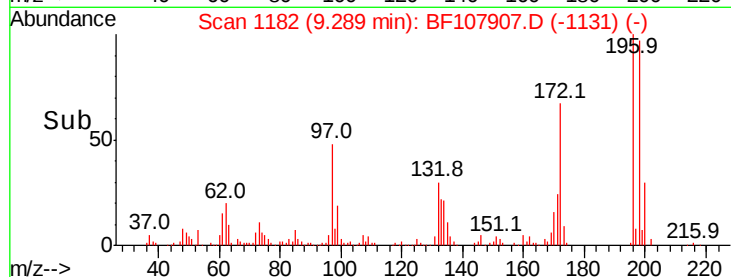
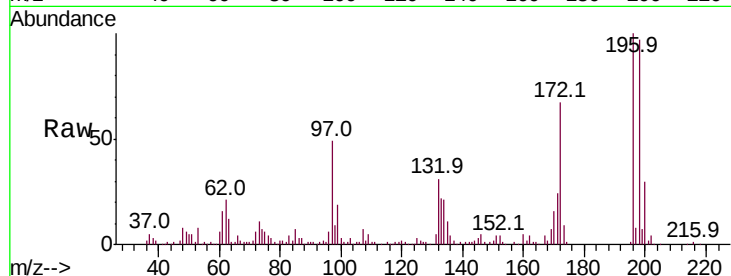
#43
2,4,5-Trichlorophenol
Concen: 43.506 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	290461		
198	96.9	74.6	112.0	
97	48.8	42.9	64.3	
132	30.7	26.3	39.5	

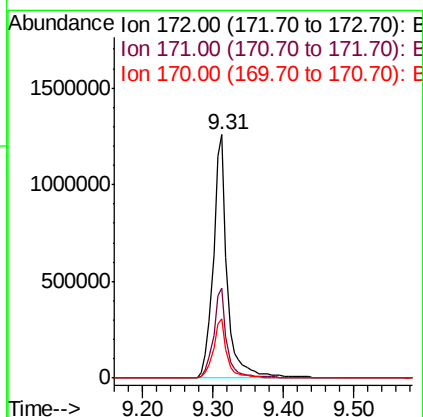
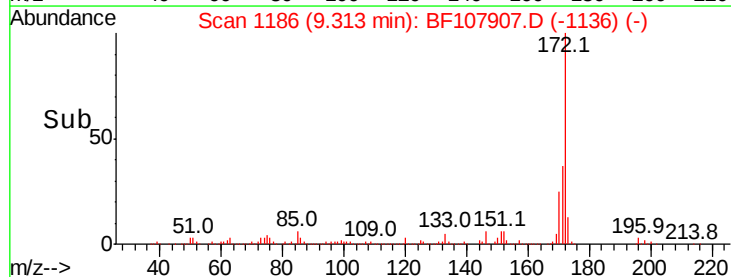
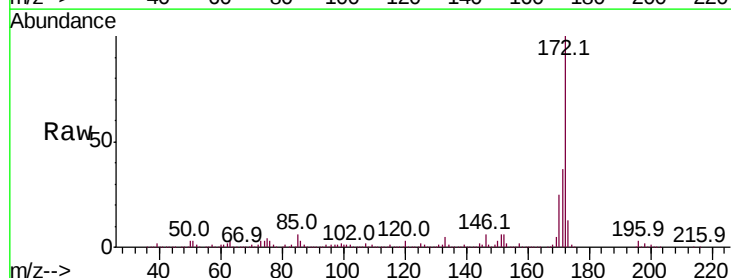
Manual Integrations
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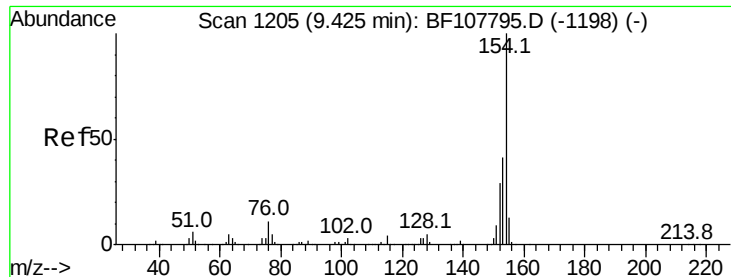
Sohil
8/3/2018 12:53:08 PM



#44
2-Fluorobiphenyl
Concen: 82.966 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1751726		
171	36.8	29.7	44.5	
170	24.6	19.6	29.4	





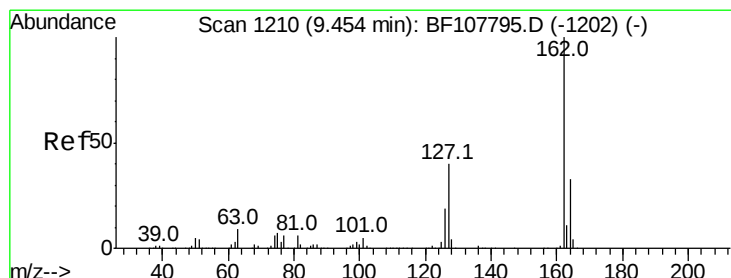
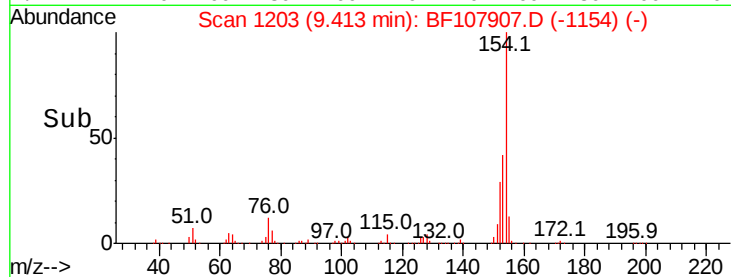
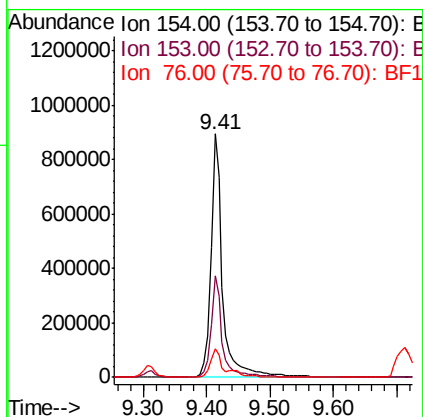
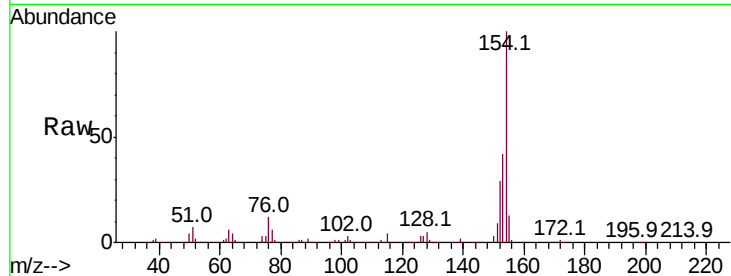
#45
 1,1'-Biphenyl
 Concen: 43.872 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion:154 Resp: 1174706
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 11.9 0.0 34.0

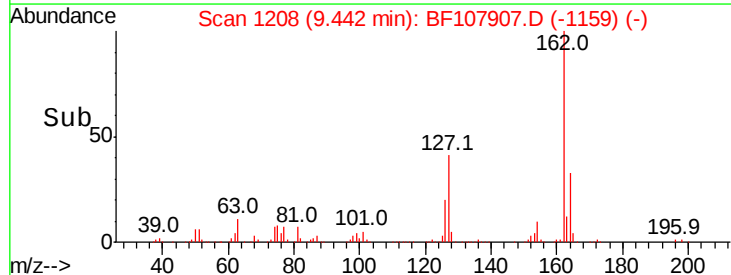
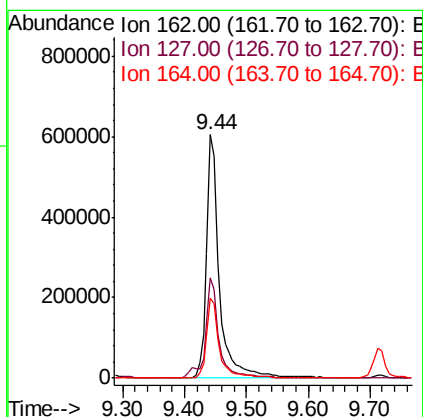
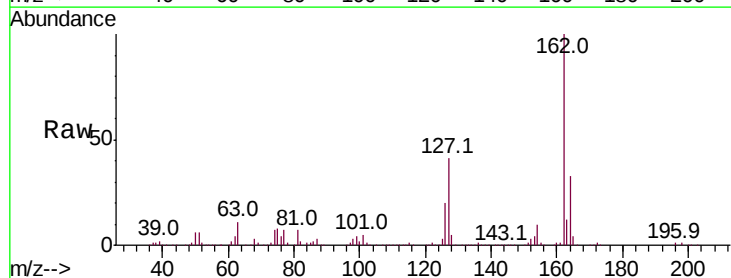
Manual Integrations
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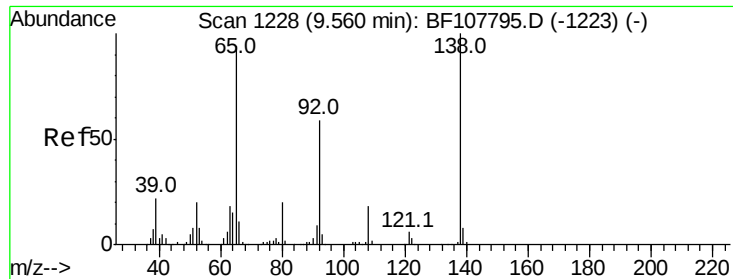
Sohil
 8/3/2018 12:53:08 PM



#46
 2-Chloronaphthalene
 Concen: 43.222 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion:162 Resp: 872729
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.9 50.9
 164 32.7 26.5 39.7





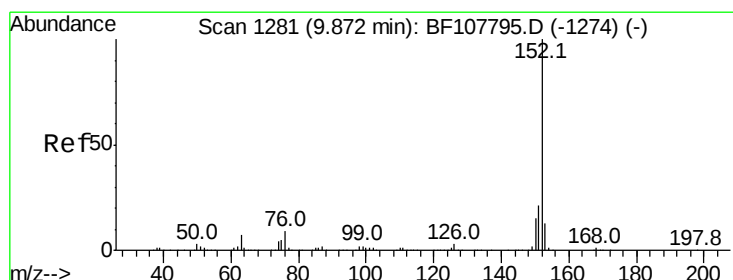
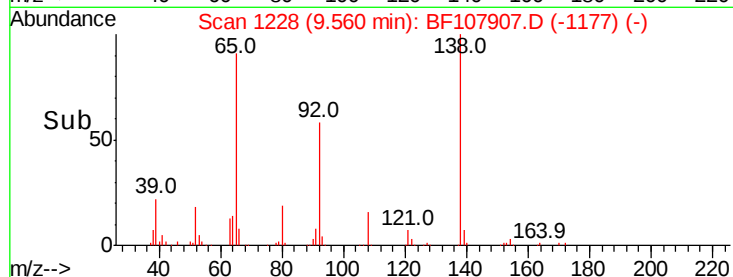
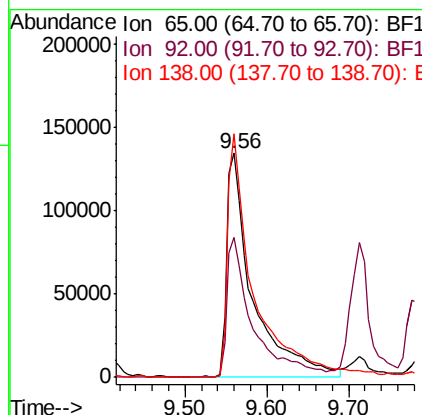
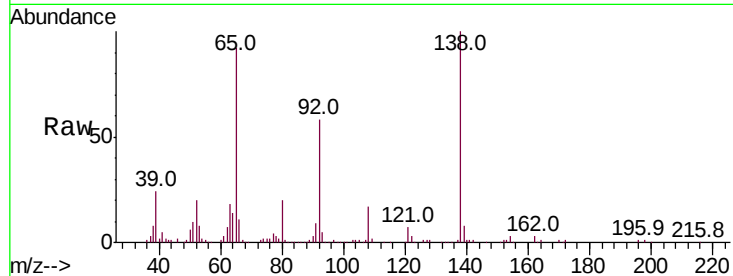
#47
2-Nitroaniline
Concen: 44.718 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	55.8	83.6
138	108.7	91.2	136.8

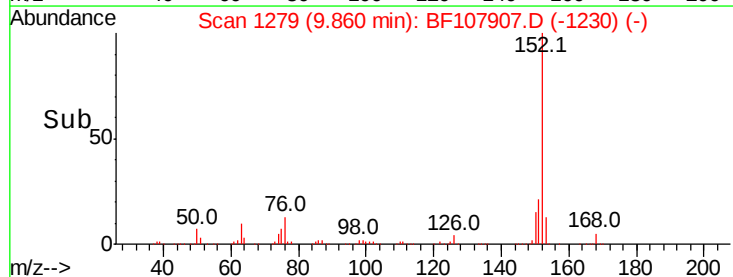
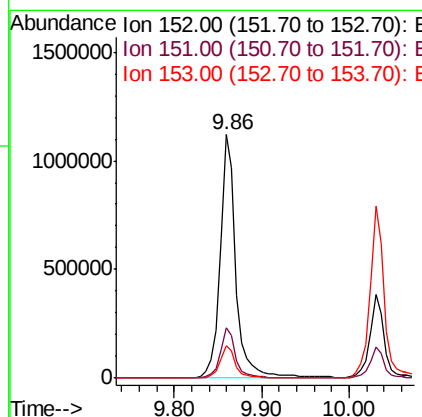
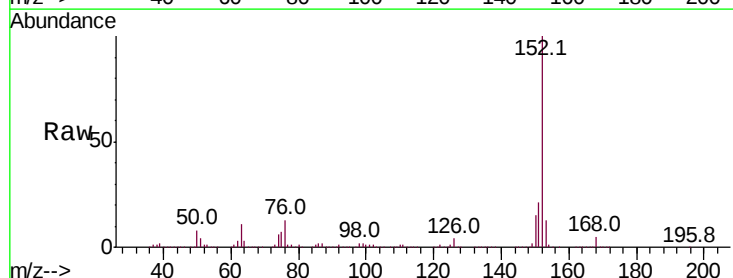
Manual Integrations
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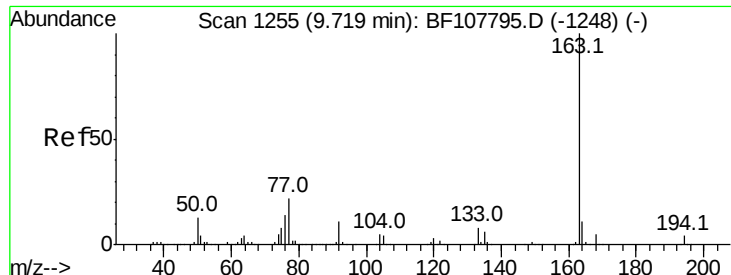
Sohil
8/3/2018 12:53:08 PM



#48
Acenaphthylene
Concen: 44.715 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.4	10.7	16.1





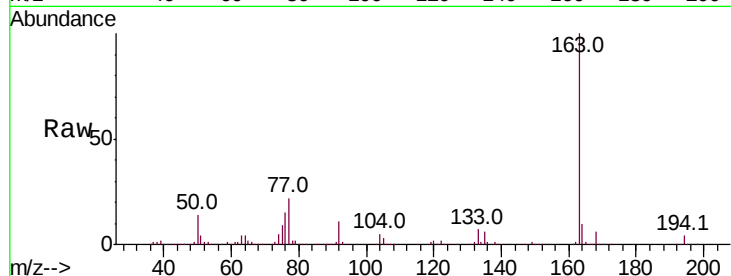
#49
Dimethylphthalate
Concen: 44.210 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

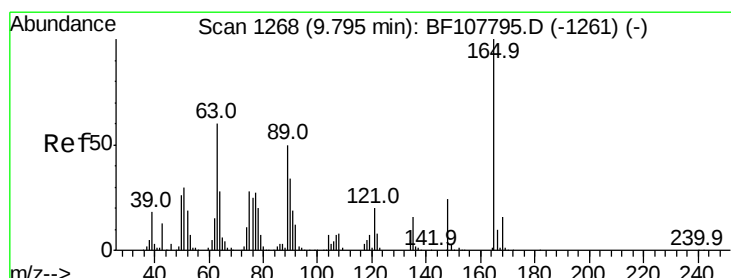
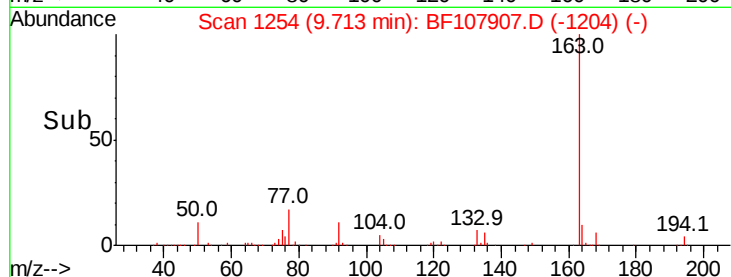
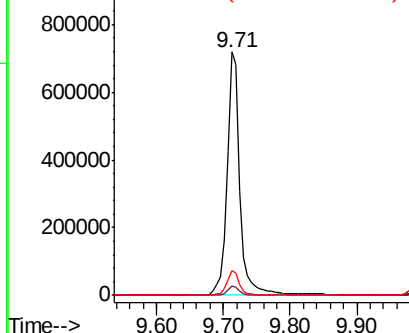
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.4	8.2	12.2	

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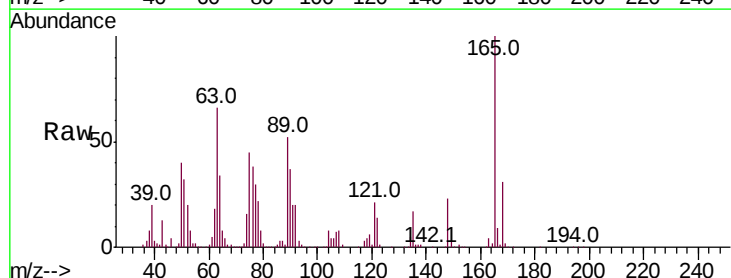


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

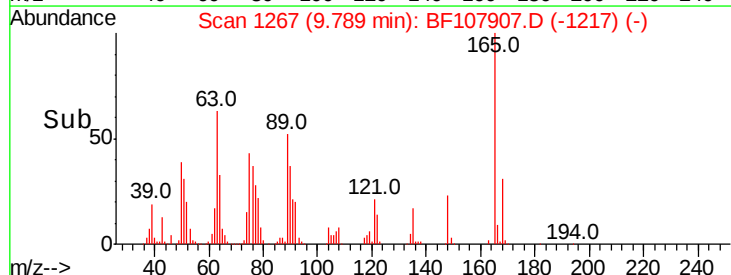
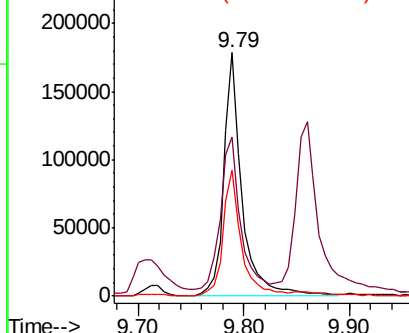


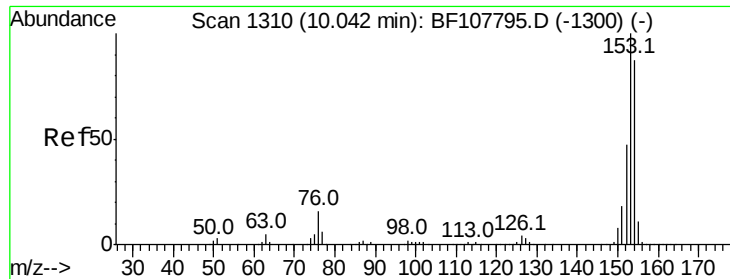
#50
2,6-Dinitrotoluene
Concen: 44.428 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.5	44.7	67.1	
89	51.7	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





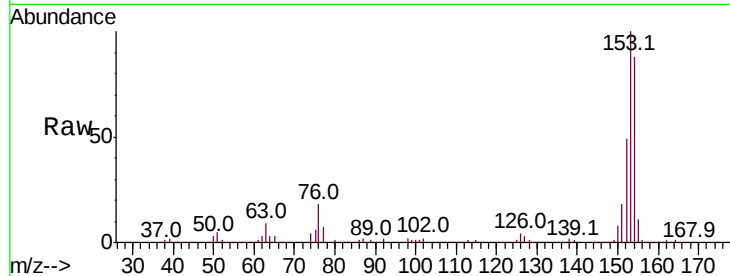
#51
Acenaphthene
Concen: 42.644 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	55.5	43.8	65.8

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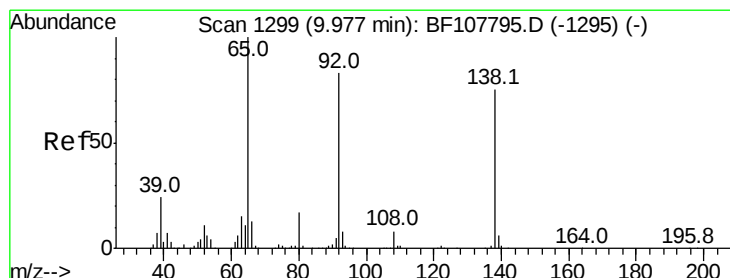
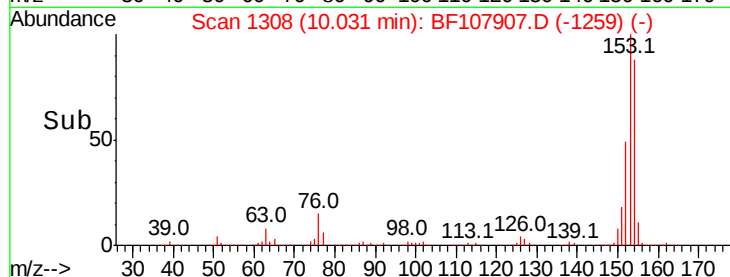
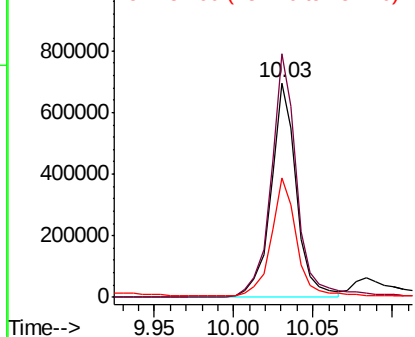


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 31.382 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

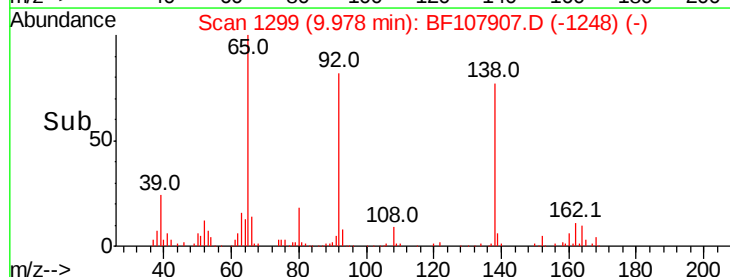
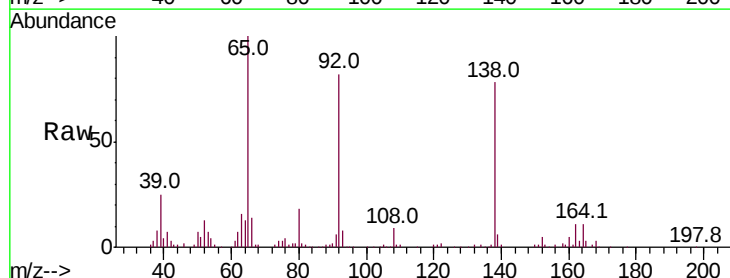
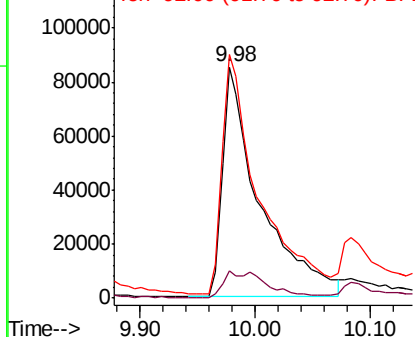
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.4	14.0
92	105.2	89.4	134.2

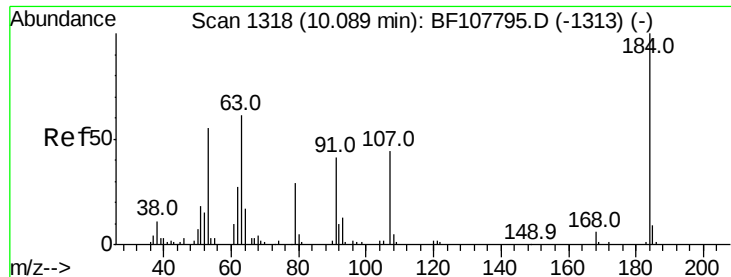
Abundance

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





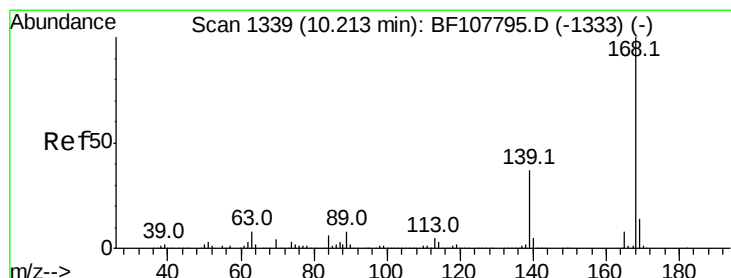
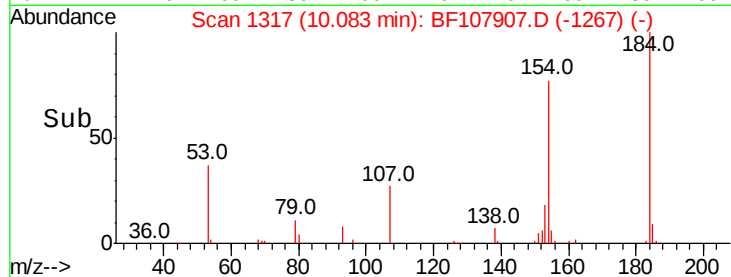
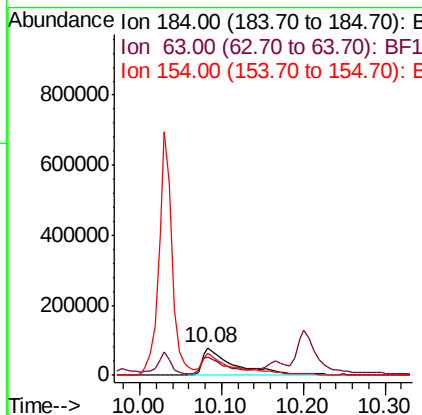
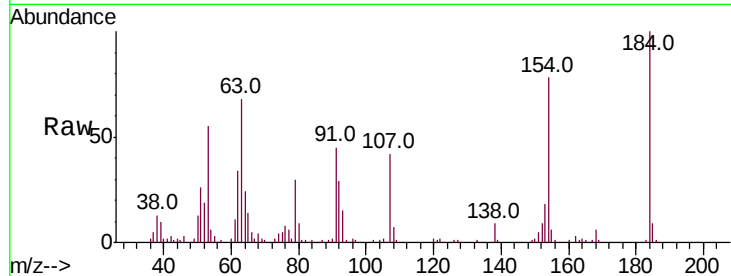
#53
2,4-Dinitrophenol
Concen: 86.153 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.2	54.2	81.2
154	78.3	184.0	276.0#

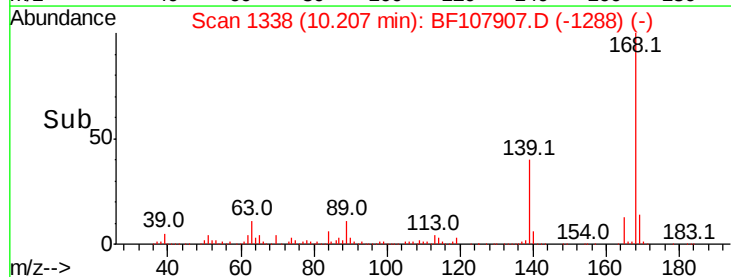
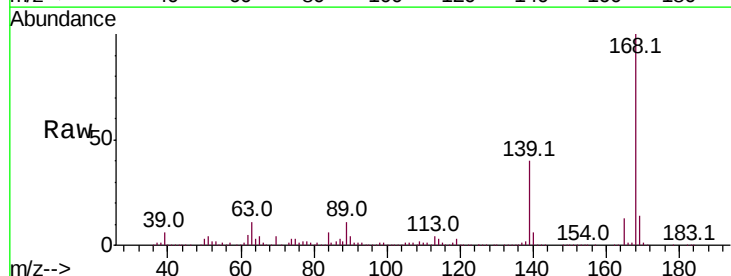
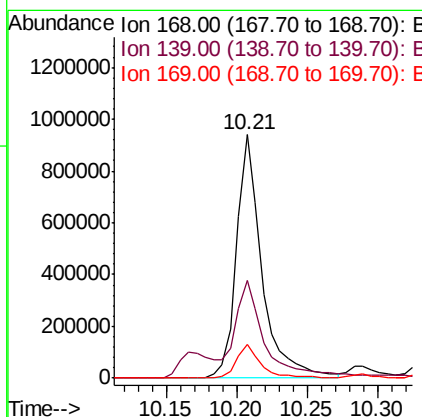
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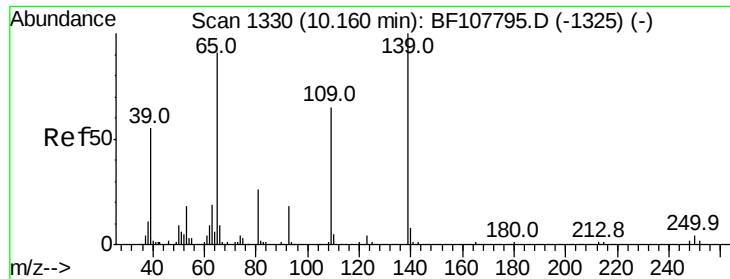
Sohil
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#54
Dibenzofuran
Concen: 41.865 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.1	45.1
169	13.6	10.9	16.3





#55

4-Nitrophenol

Concen: 57.194 ng

RT: 10.17 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

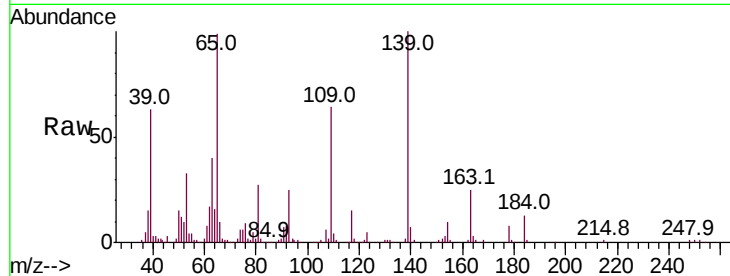
ClientSampleId :

PB111618BS

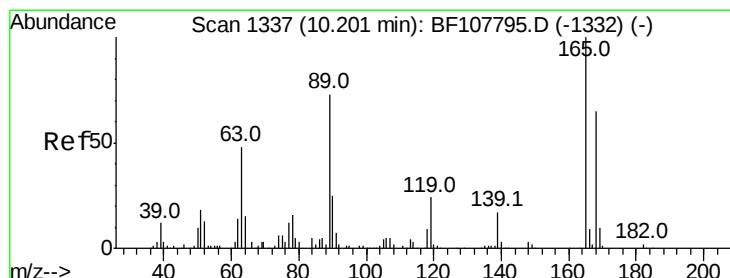
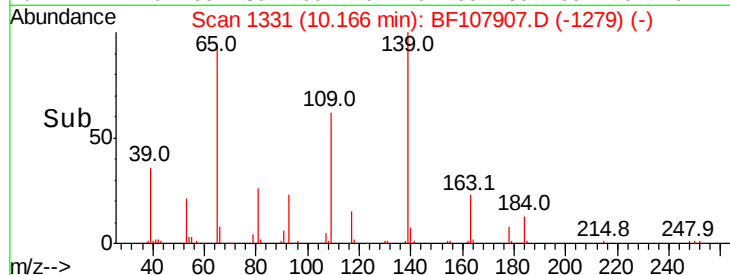
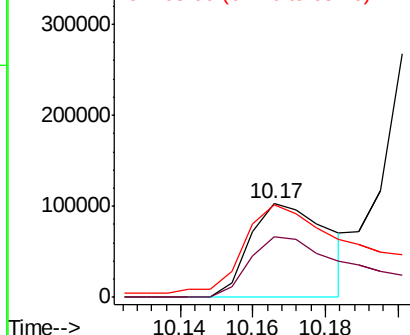
Tot Ion:	139	Resp:	154323
Ion Ratio	Lower	Upper	
139	100		
109	64.0	48.4	88.4
65	98.6	72.6	112.6

Manual Integrations
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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: 42.266 ng

RT: 10.20 min Scan# 1337

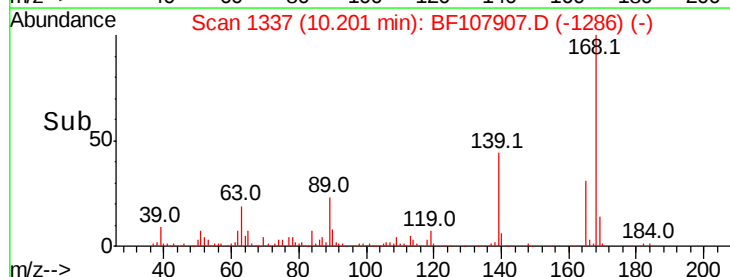
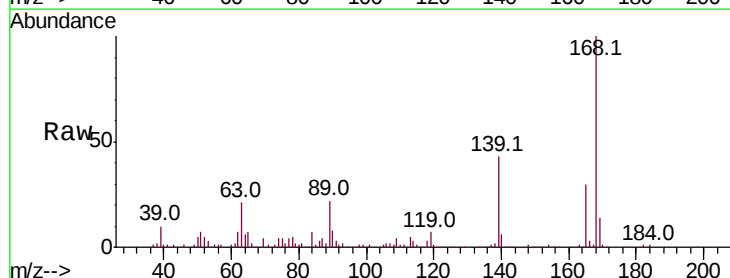
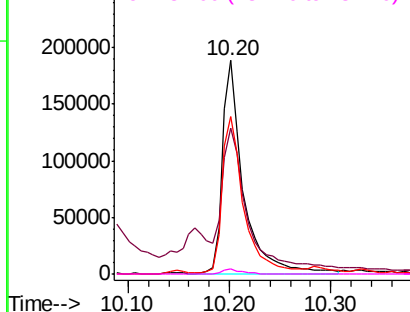
Delta R.T. 0.00 min

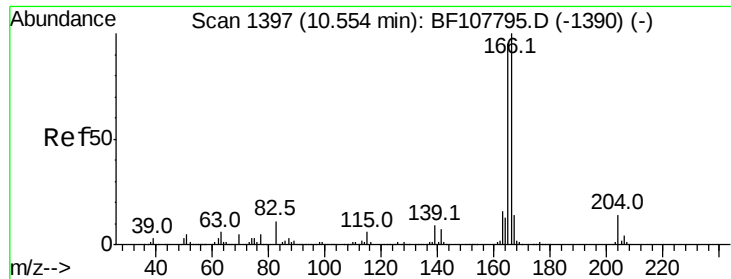
Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion:	165	Resp:	266756
Ion Ratio	Lower	Upper	
165	100		
63	68.1	36.4	54.6#
89	73.8	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





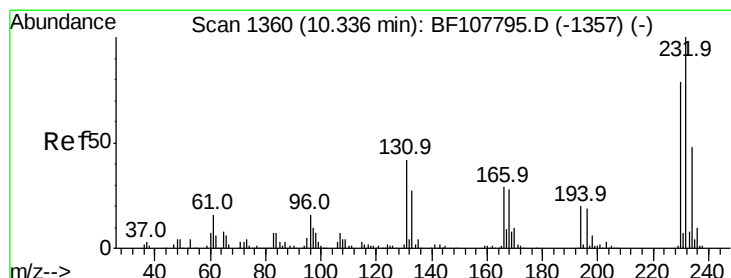
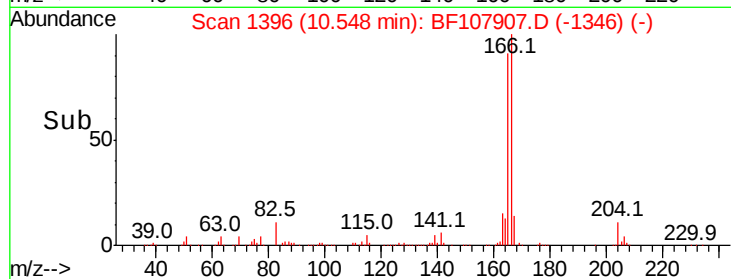
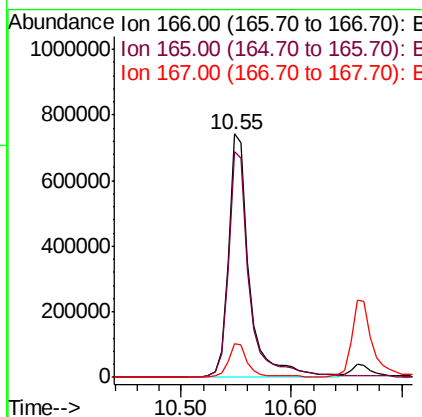
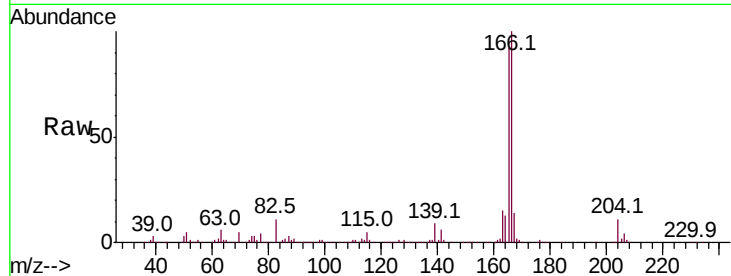
#57
 Fluorene
 Concen: 44.905 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	92.4	79.8	119.8	
167	13.6	10.6	16.0	

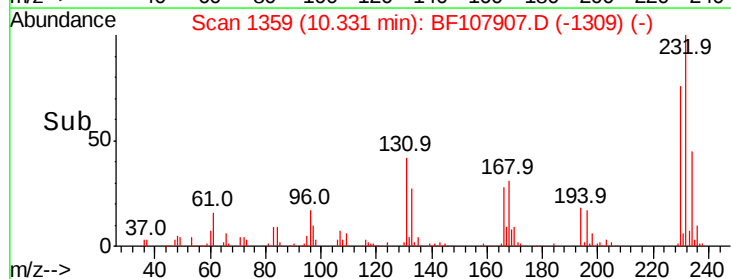
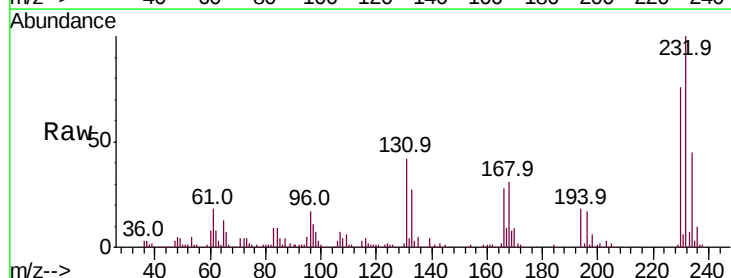
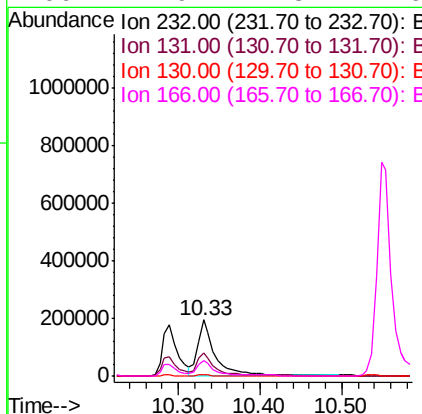
Manual Integrations
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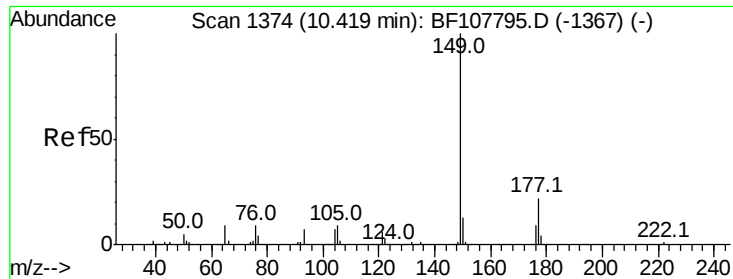
Sohil
 8/3/2018 12:53:08 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.802 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.1	43.8	65.8#	
130	2.1	2.1	3.1#	
166	24.9	27.8	41.6#	





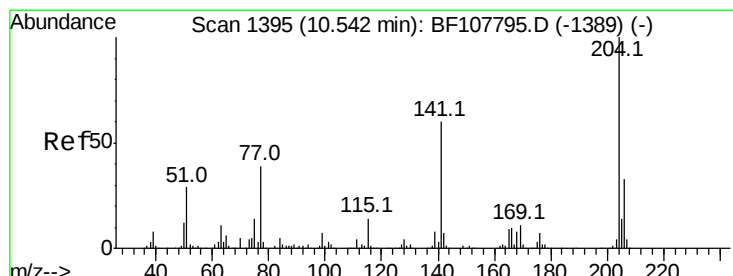
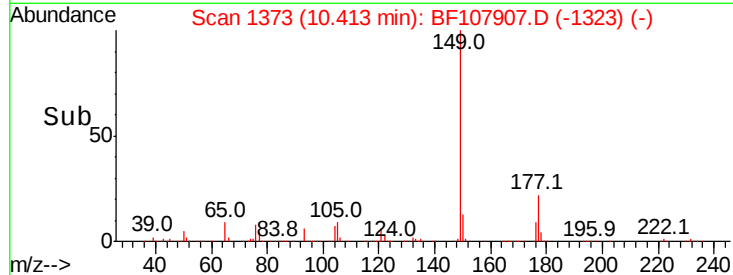
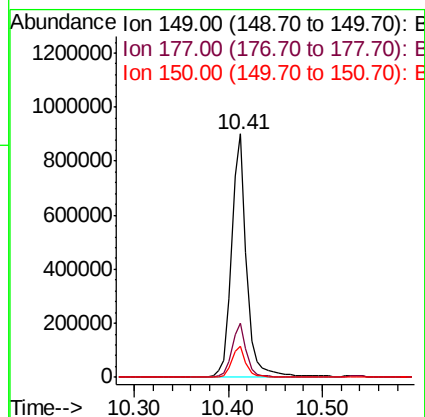
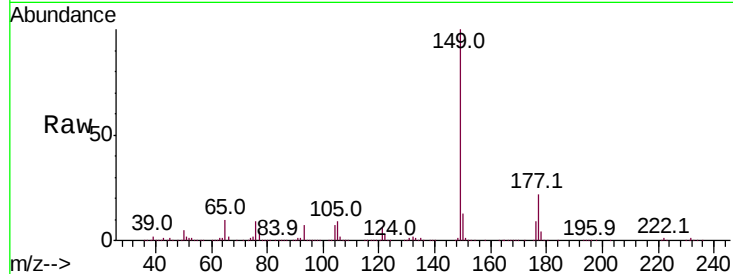
#59
Diethylphthalate
Concen: 42.223 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion:149 Resp: 1003095
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.8 10.1 15.1

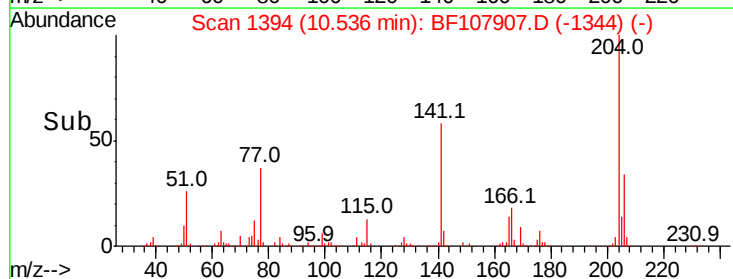
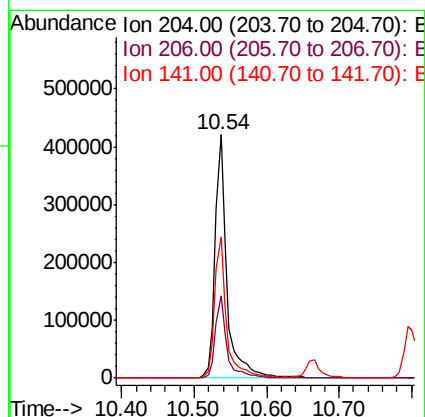
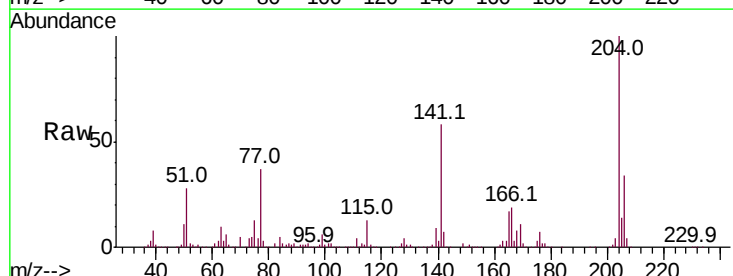
Manual Integrations
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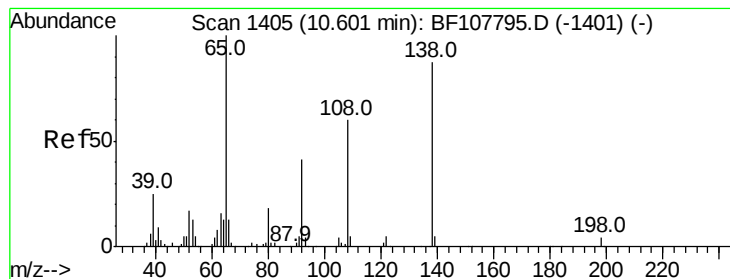
Sohil
8/3/2018 12:53:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.648 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion:204 Resp: 483663
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 57.8 54.6 81.8





#61

4-Nitroaniline

Concen: 44.254 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tot Ion:138 Resp: 237640

Ion Ratio Lower Upper

138 100

92 49.8 30.2 70.2

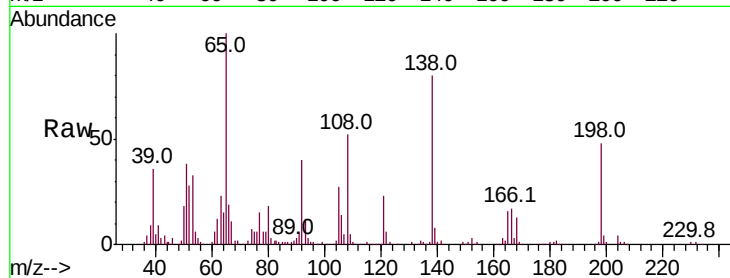
108 65.6 52.5 92.5

Manual Integrations

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Sohil

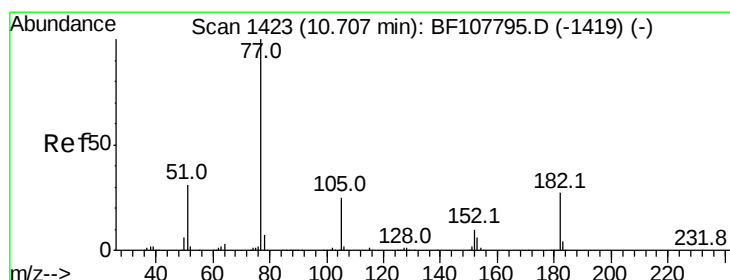
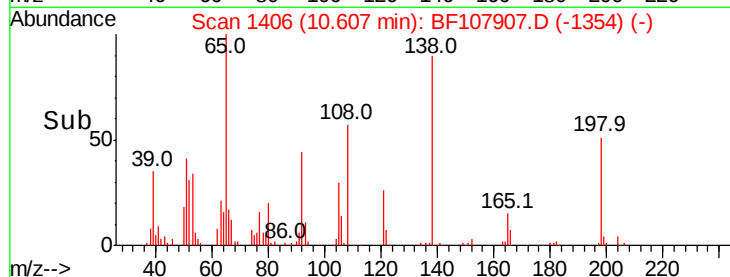
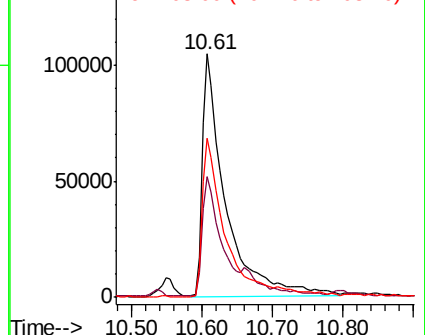
8/3/2018 12:53:08 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.825 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion: 77 Resp: 947551

Ion Ratio Lower Upper

77 100

182 22.8 1.7 41.7

105 23.9 3.0 43.0

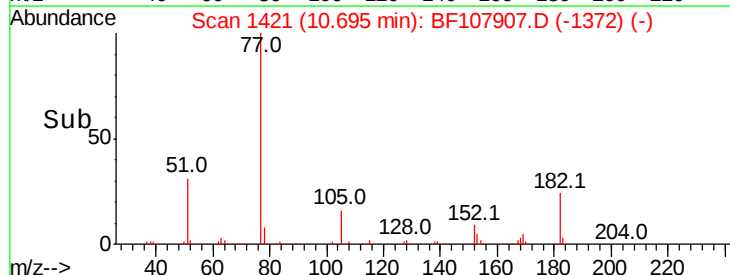
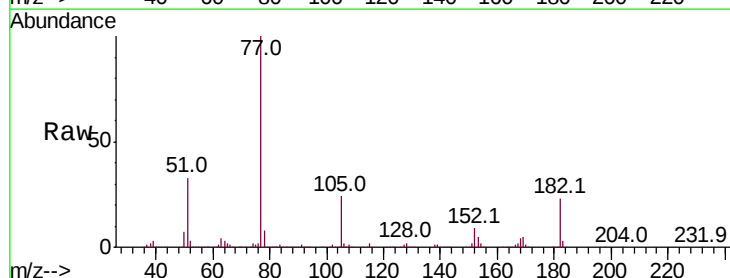
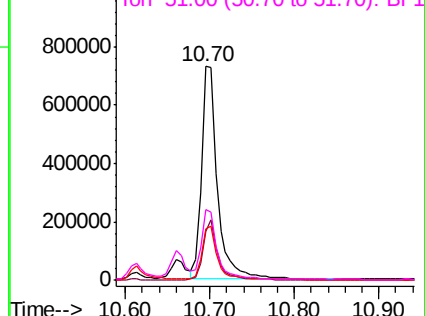
51 32.8 9.9 49.9

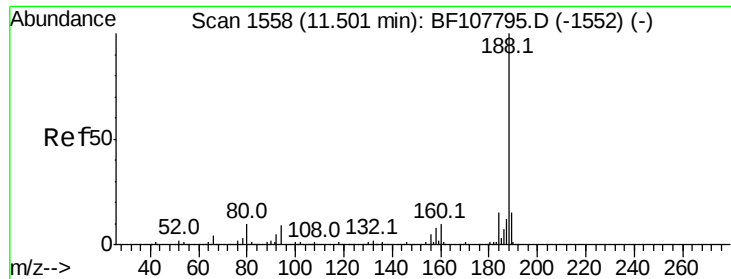
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





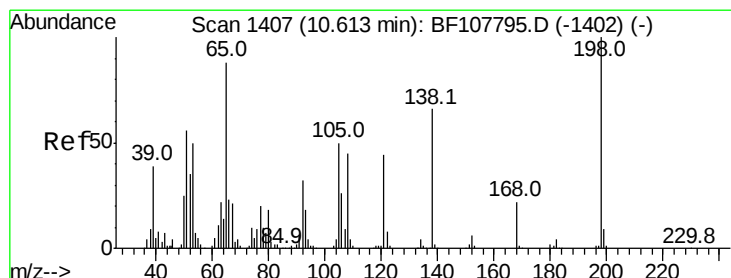
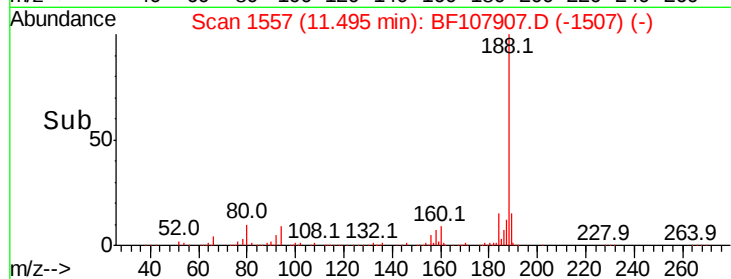
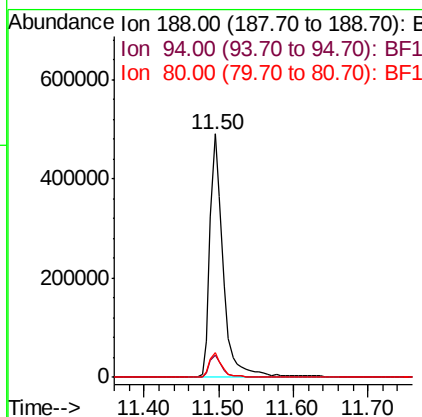
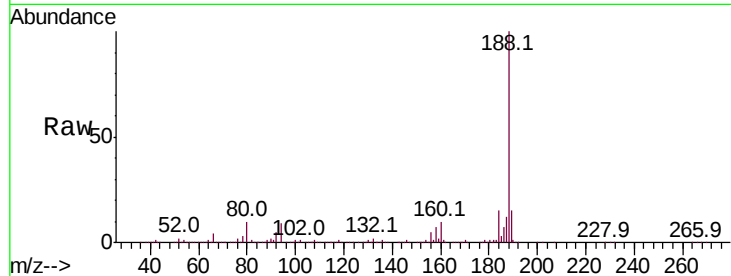
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	608802		
94	9.2		8.5	12.7
80	10.1		9.2	13.8

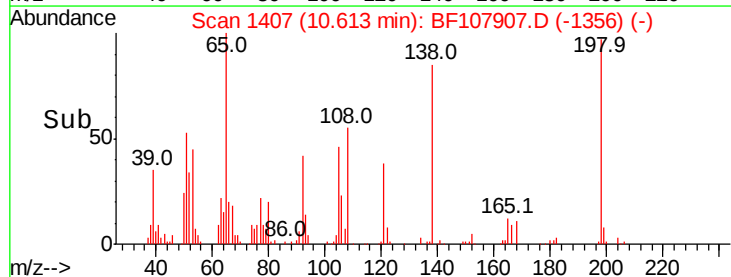
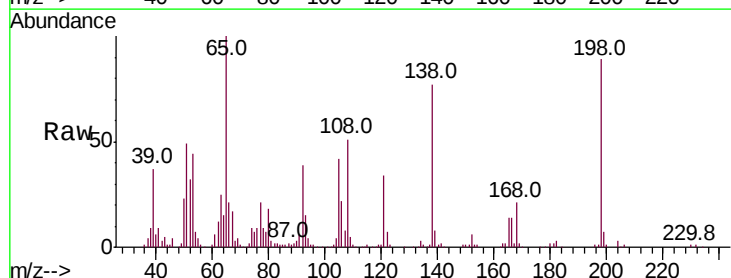
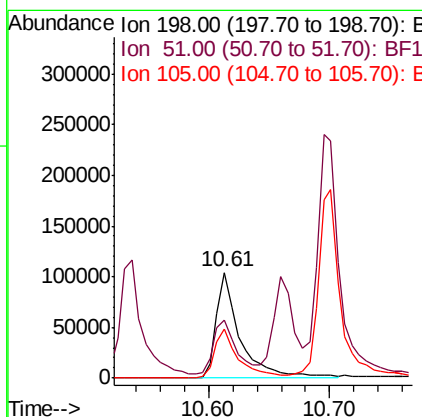
Manual Integrations
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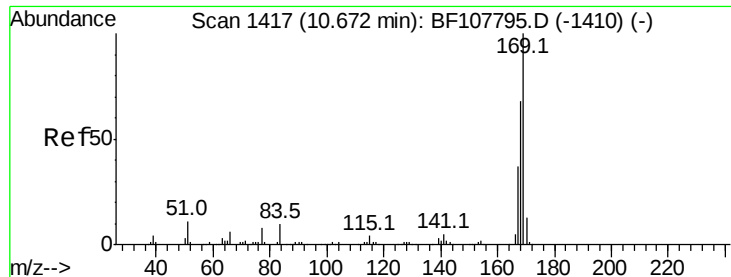
Sohil
8/3/2018 12:53:08 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.026 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	142504		
51	55.1		37.7	77.7
105	46.9		36.3	76.3





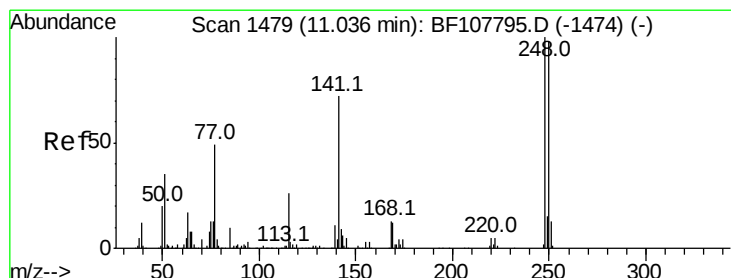
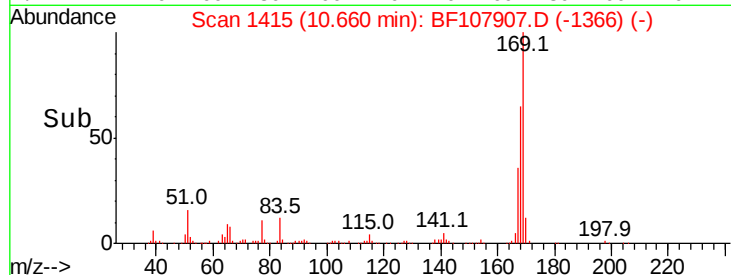
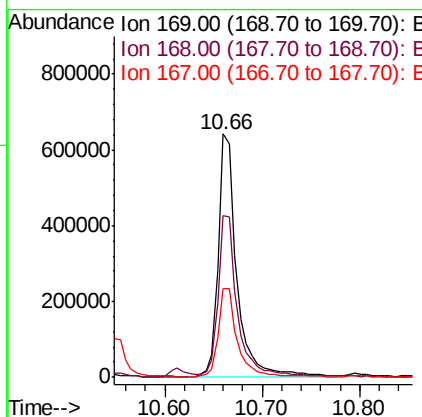
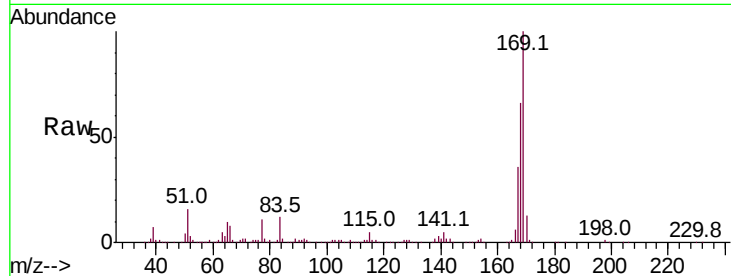
#65
n-Nitrosodiphenylamine
Concen: 42.528 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.5	54.4	81.6	
167	36.4	29.8	44.6	

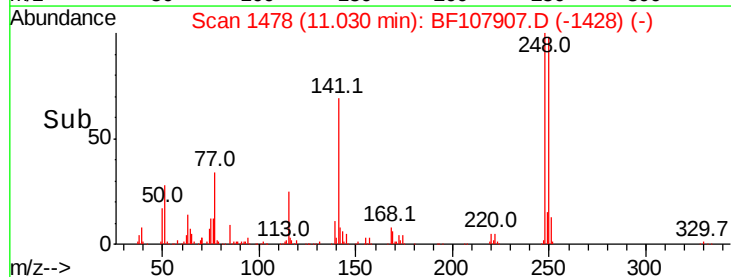
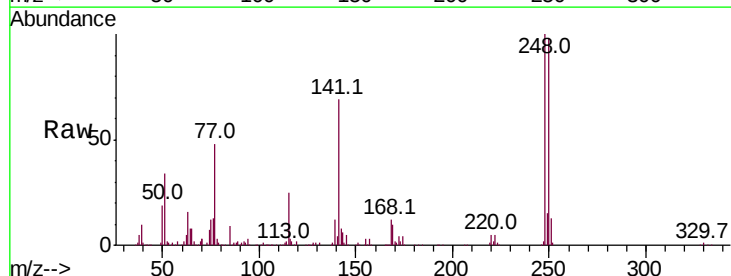
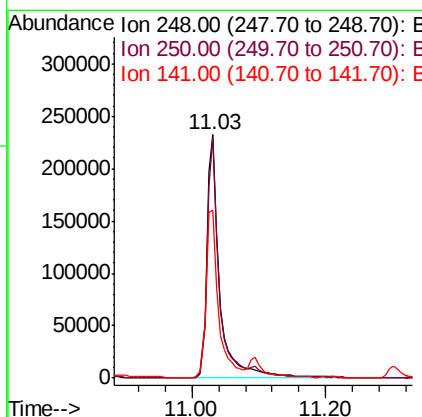
Manual Integrations
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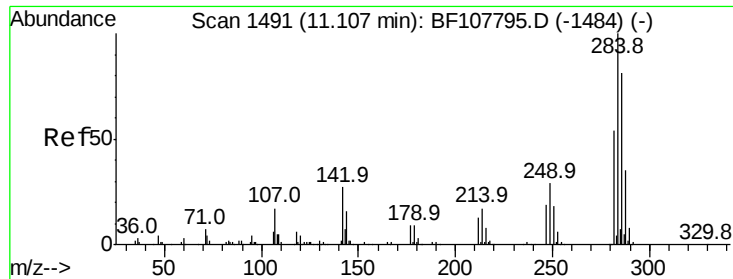
Sohil
8/3/2018 12:53:08 PM



#66
4-Bromophenyl-phenylether
Concen: 44.122 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.3	76.9	115.3	
141	69.2	74.4	111.6	





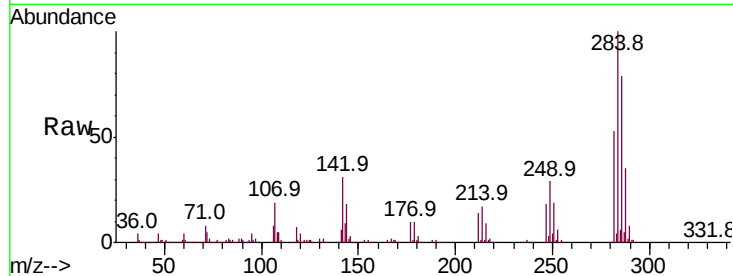
#67
Hexachlorobenzene
Concen: 42.042 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.6	34.6	52.0#	
249	29.1	24.8	37.2	

Manual Integrations
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8/3/2018 12:53:08 PM

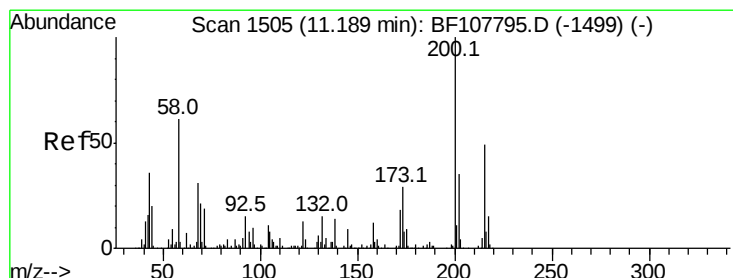
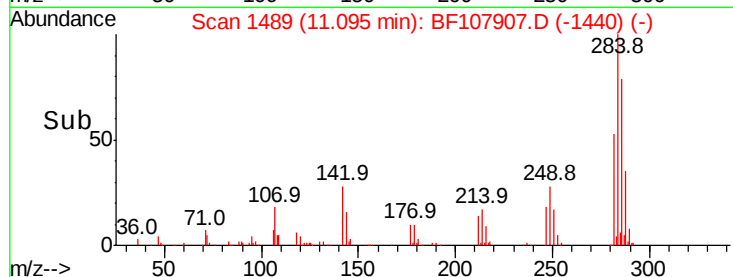
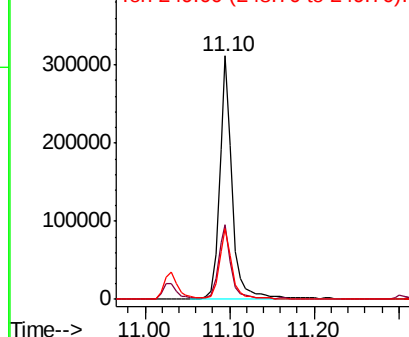


Abundance

Ion 283.80 (283.50 to 284.50): E

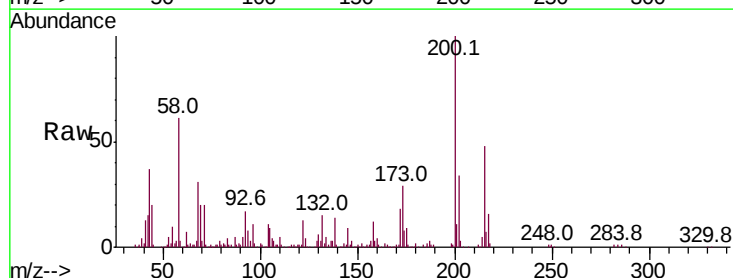
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 42.950 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.7	8.6	48.6	
215	48.4	25.1	65.1	

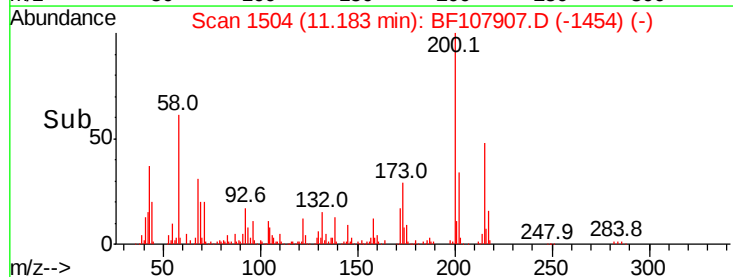
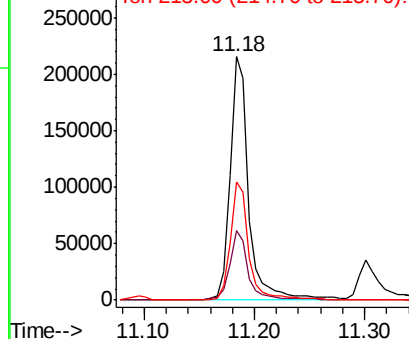


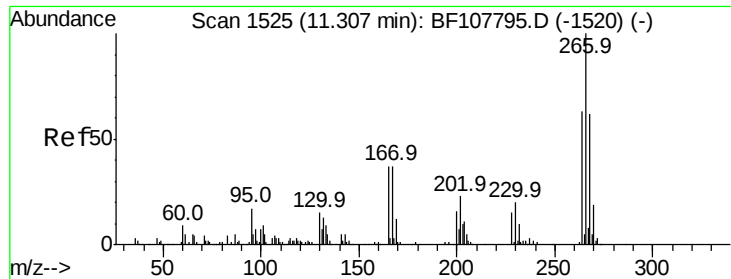
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





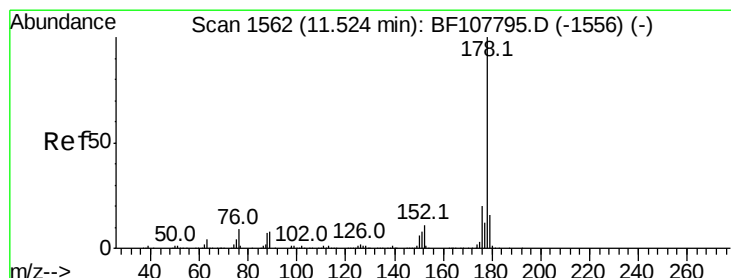
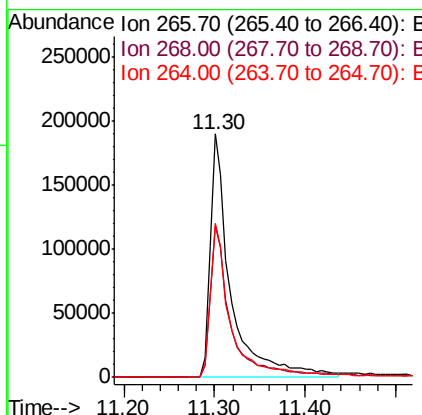
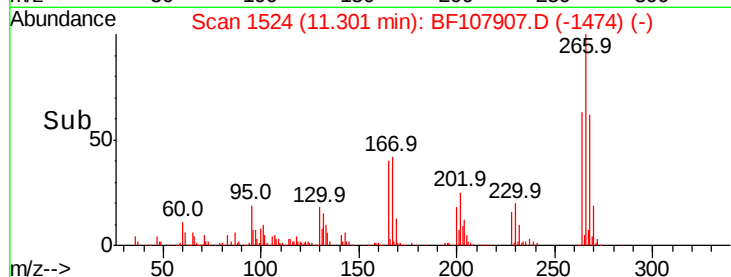
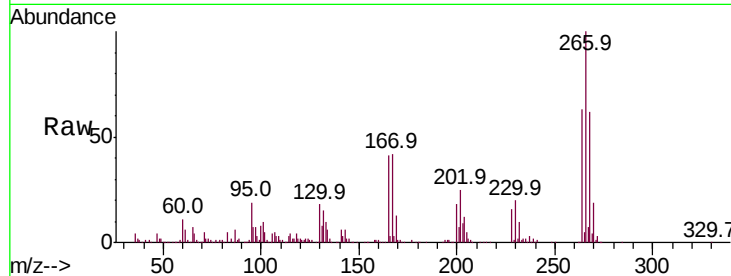
#69
 Pentachlorophenol
 Concen: 77.922 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	301836		
268	62.2		51.1	76.7
264	63.4		49.5	74.3

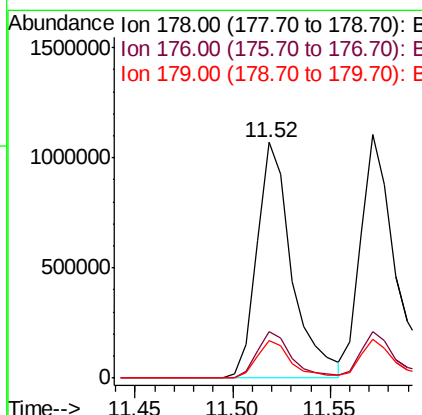
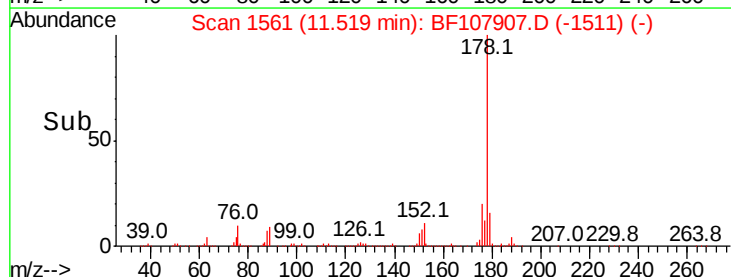
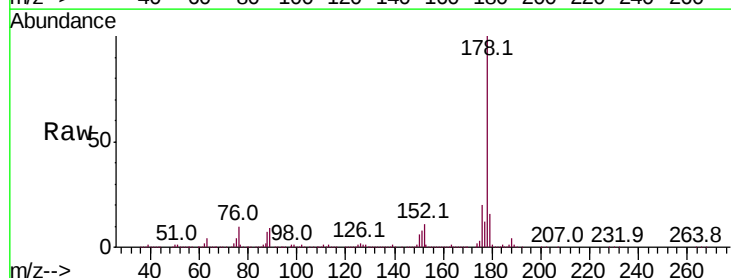
Manual Integrations
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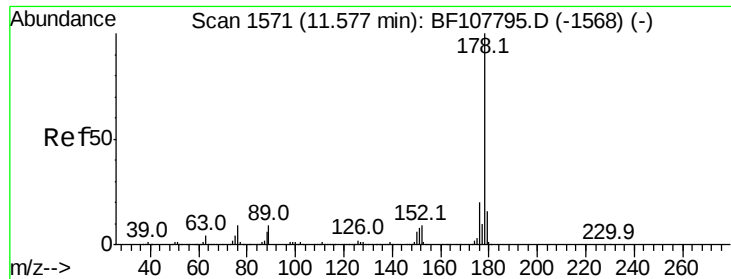
Sohil
 8/3/2018 12:53:08 PM



#70
 Phenanthrene
 Concen: 46.134 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1333640		
176	19.6		15.8	23.8
179	16.0		13.0	19.6





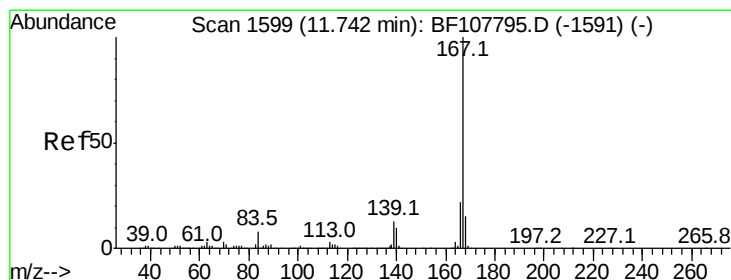
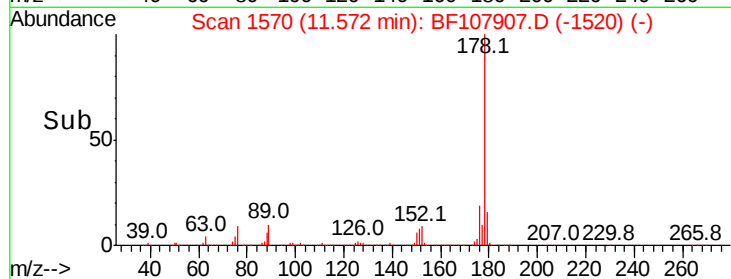
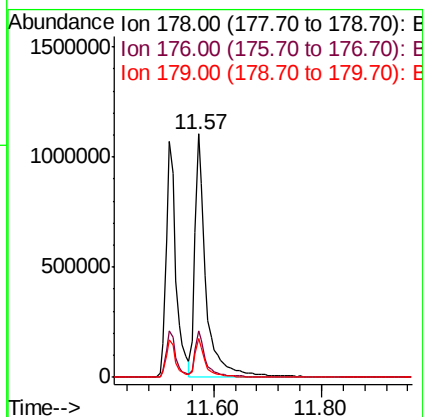
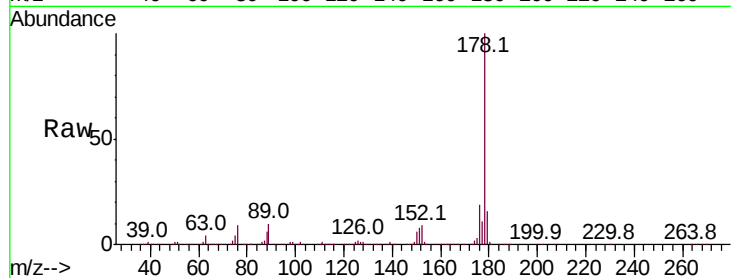
#71
 Anthracene
 Concen: 47.047 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.0	12.6	19.0

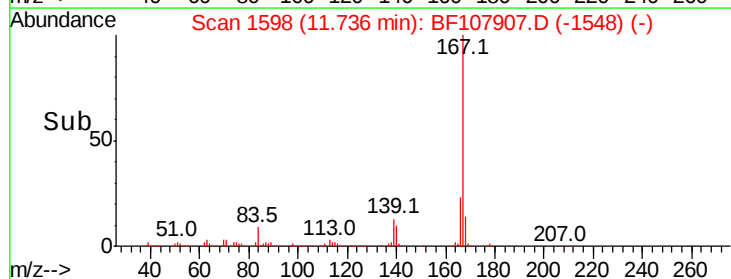
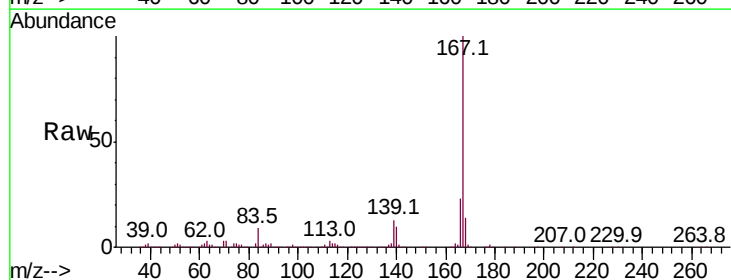
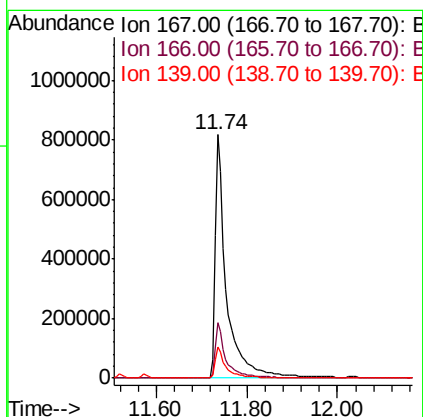
Manual Integrations
 APPROVED

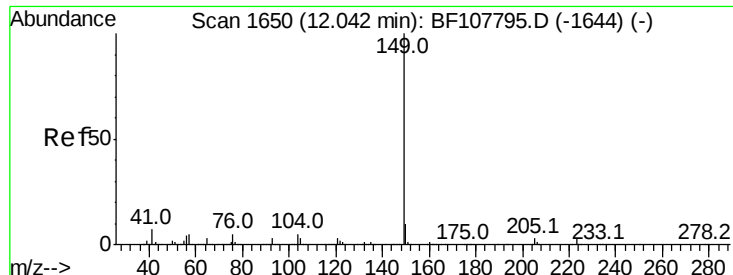
Sohil
 8/3/2018 12:53:08 PM



#72
 Carbazole
 Concen: 43.540 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.0	10.9	16.3





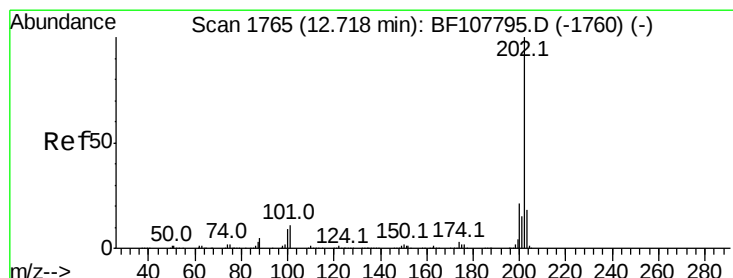
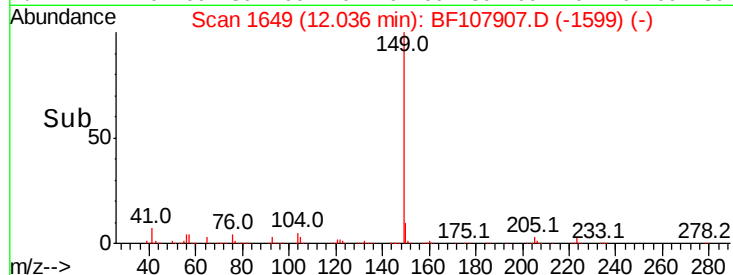
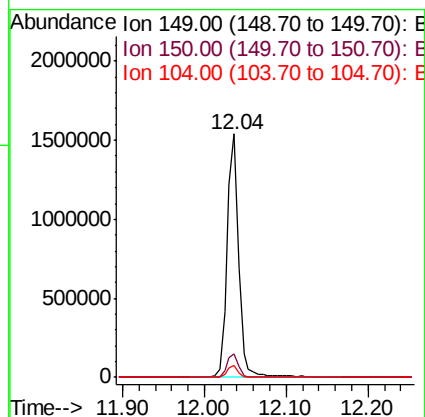
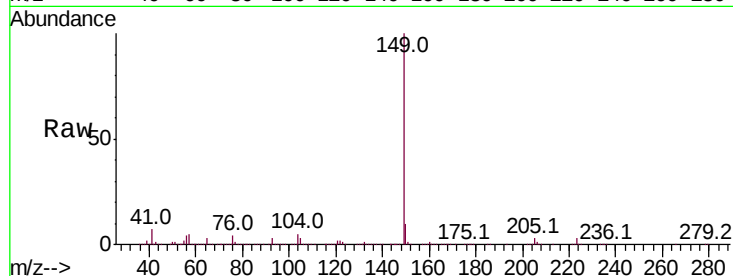
#73
Di-n-butylphthalate
Concen: 42.281 ng
RT: 12.04 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

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

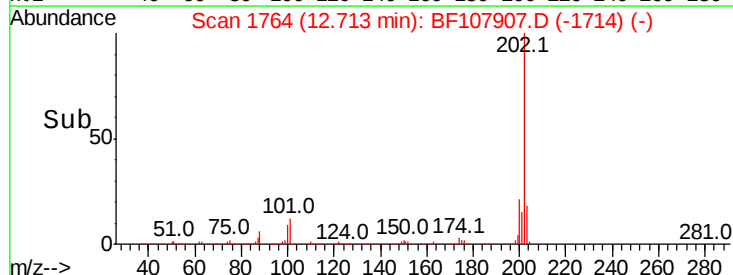
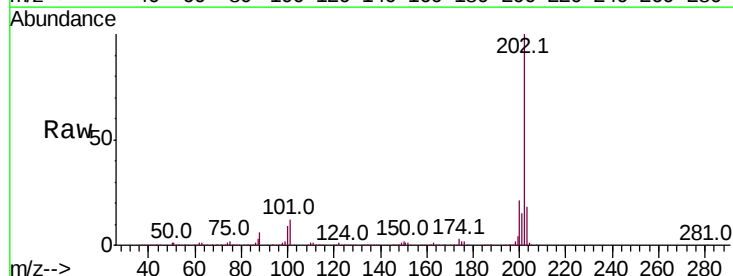
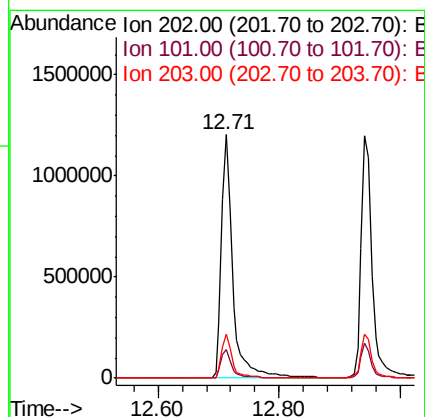
Manual Integrations
APPROVED

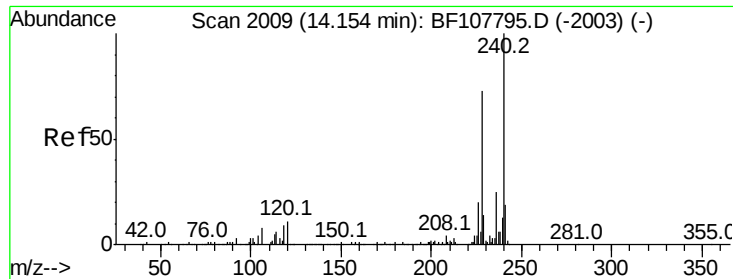
Sohil
8/3/2018 12:53:08 PM



#74
Fluoranthene
Concen: 45.916 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	18.3	0.0	38.1





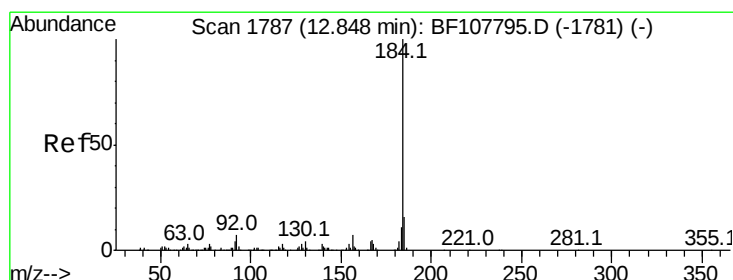
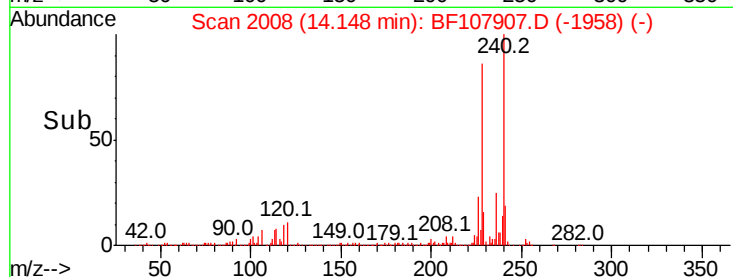
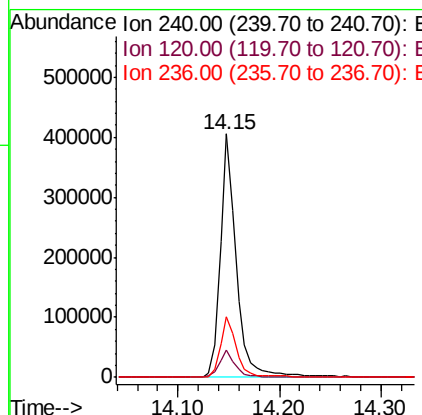
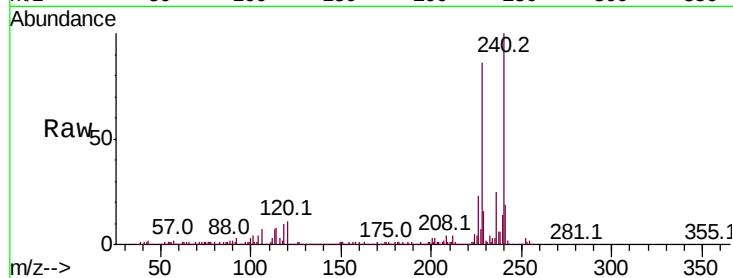
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.0	20.7	31.1

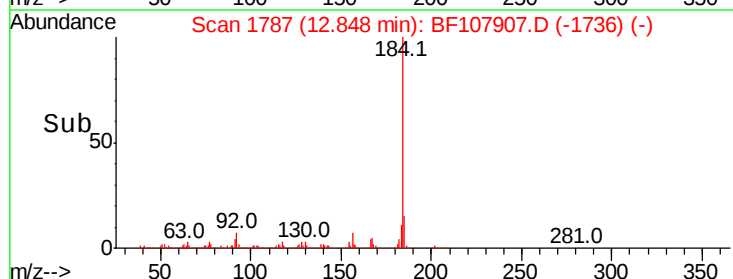
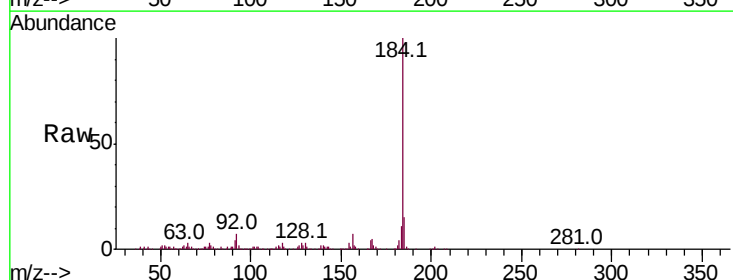
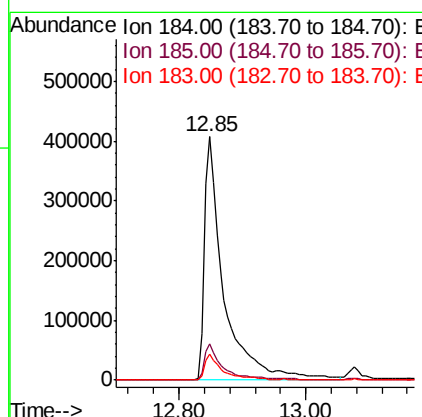
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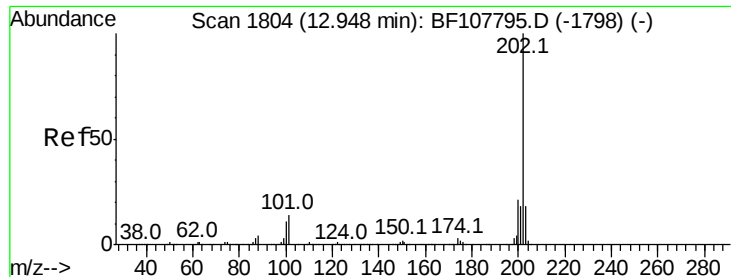
Sohil
8/3/2018 12:53:08 PM



#76
Benzidine
Concen: 60.365 ng
RT: 12.85 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	10.8	9.3	13.9





#77

Pvrene

Concen: 46.824 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tot Ion:202 Resp: 1495266

Ion Ratio Lower Upper

202 100

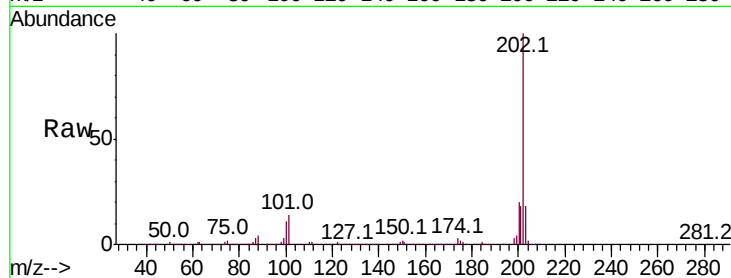
200 20.5 17.4 26.2

203 18.1 14.3 21.5

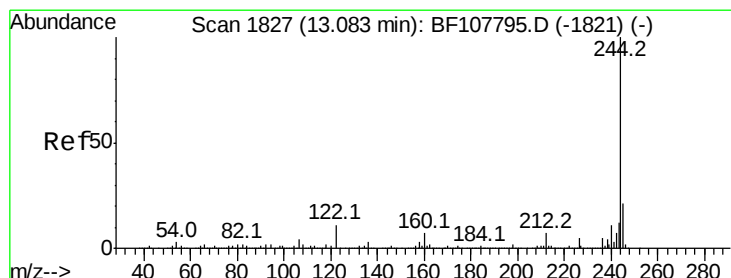
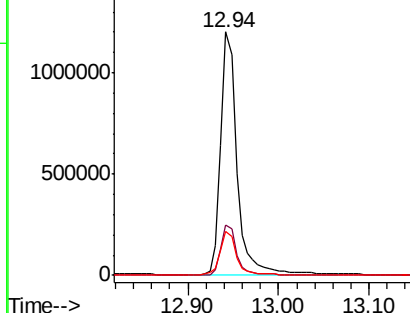
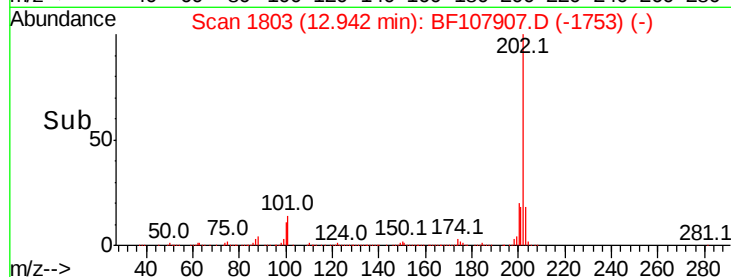
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.191 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

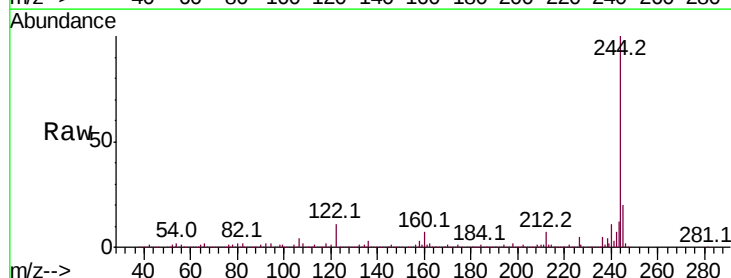
Tgt Ion:244 Resp: 1926349

Ion Ratio Lower Upper

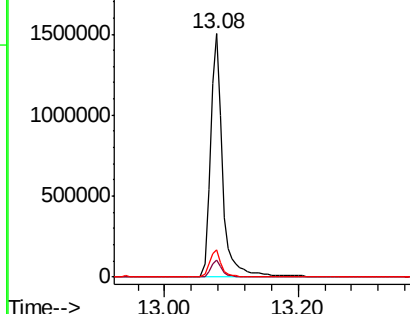
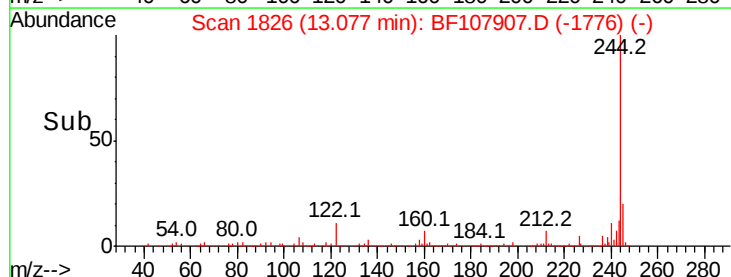
244 100

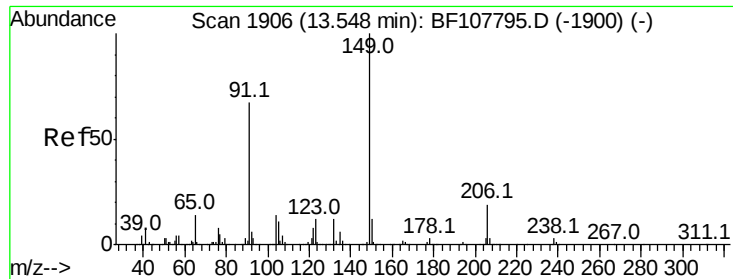
212 6.9 5.4 8.0

122 11.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.896 ng

RT: 13.54 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

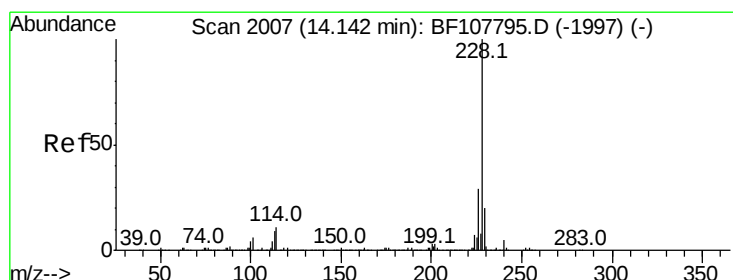
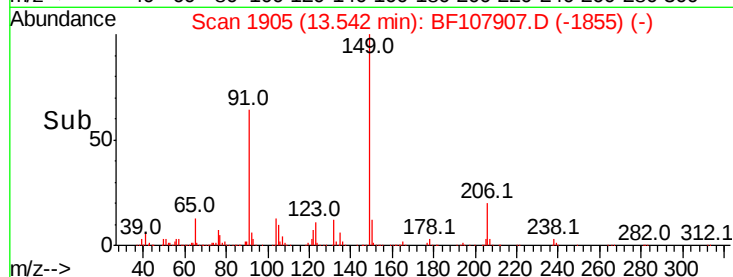
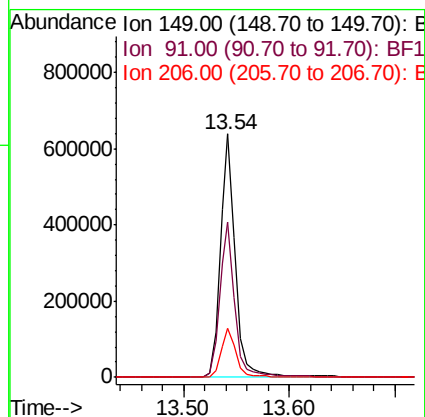
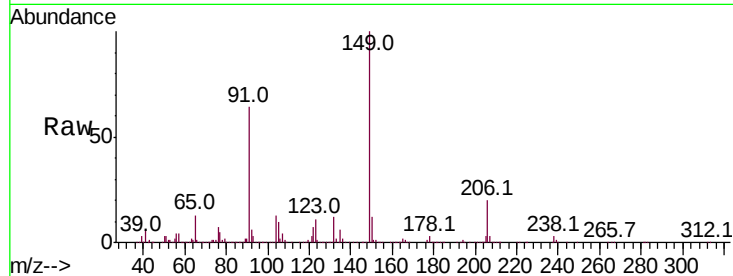
ClientSampleId :

PB111618BS

Tot Ion:	149	Resp:	641819
Ion Ratio	Lower	Upper	
149	100		
91	63.8	56.8	85.2
206	20.3	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 46.671 ng

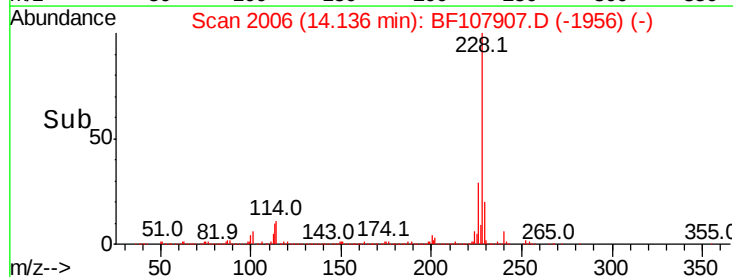
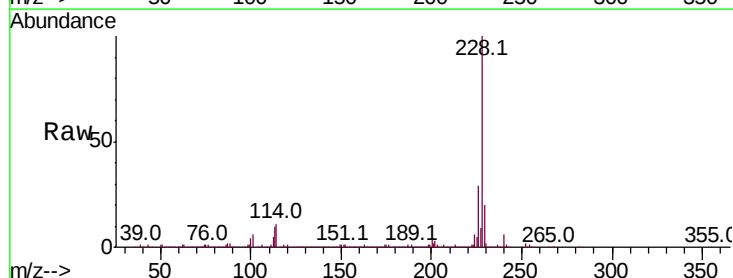
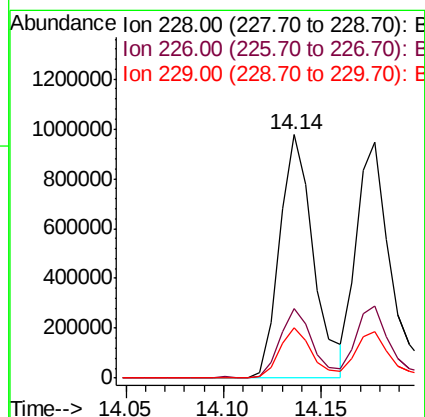
RT: 14.14 min Scan# 2006

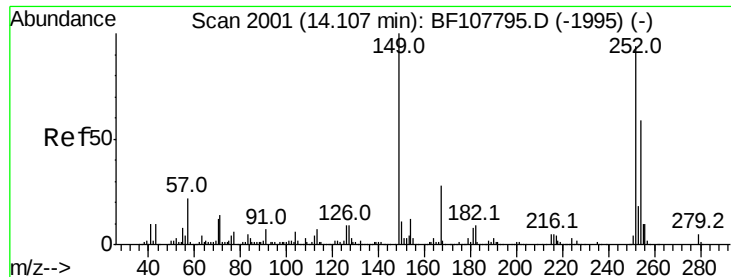
Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion:	228	Resp:	1172437
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.6	33.8
229	20.4	15.8	23.6





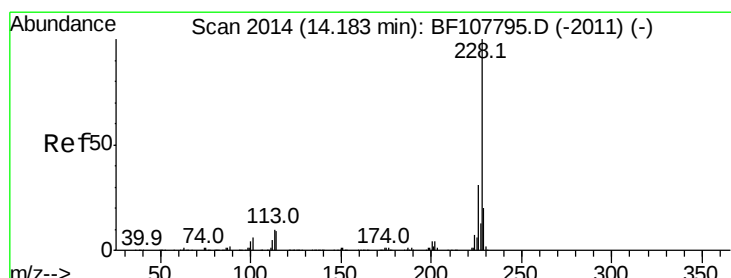
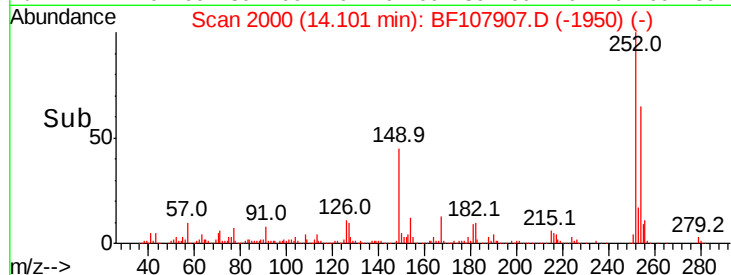
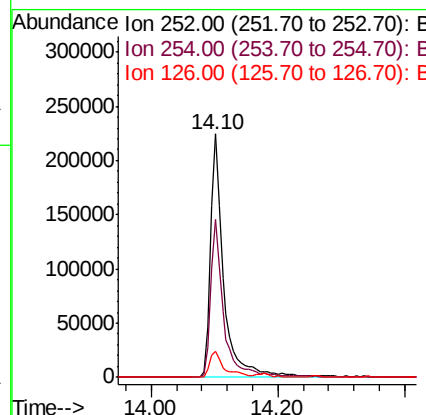
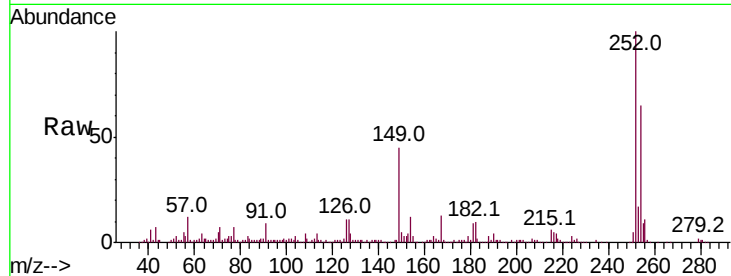
#81
 3,3'-Dichlorobenzidine
 Concen: 33.771 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	10.9	11.3	16.9

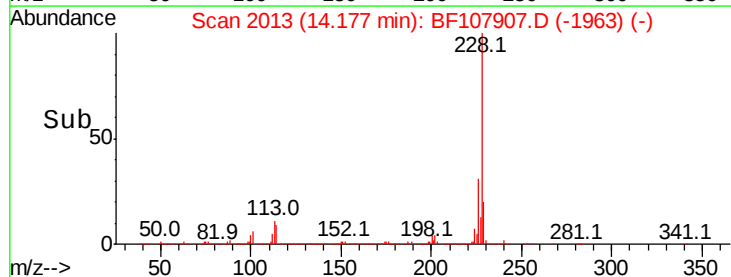
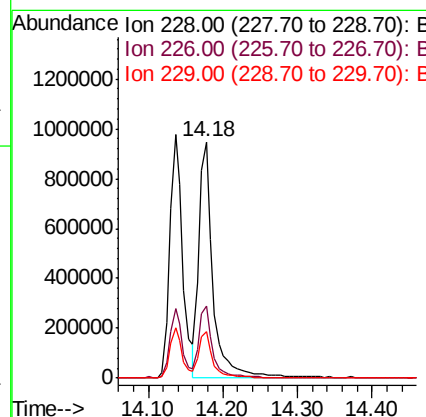
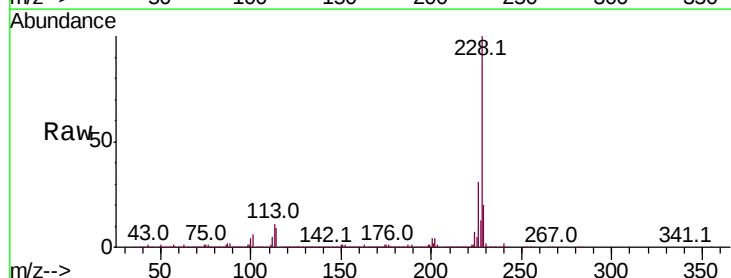
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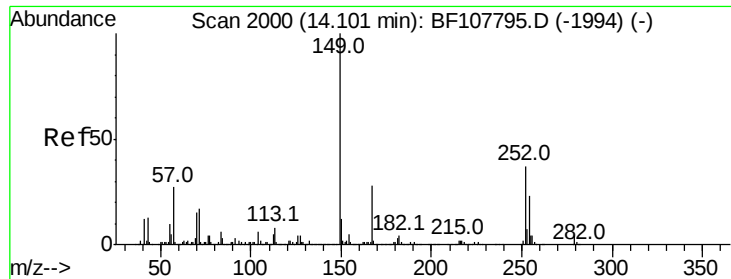
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#82
 Chrysene
 Concen: 46.032 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.9	16.2	24.4





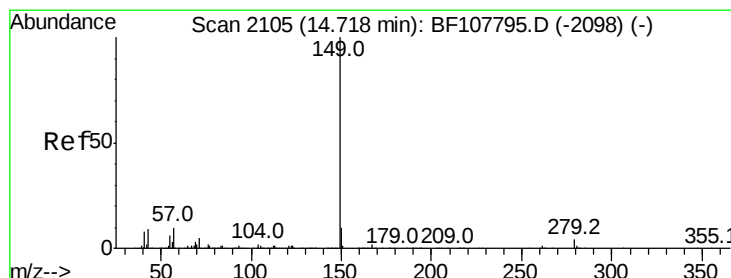
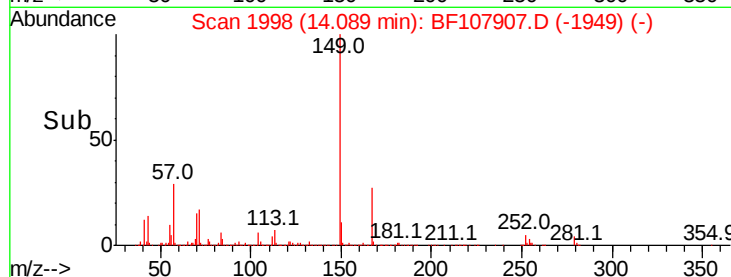
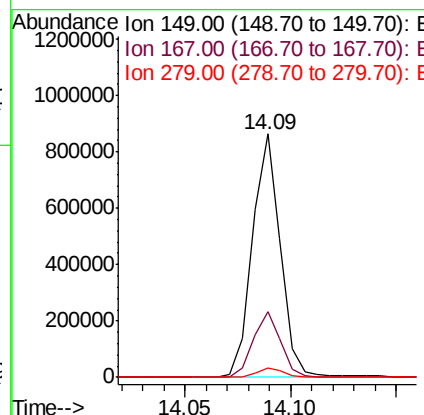
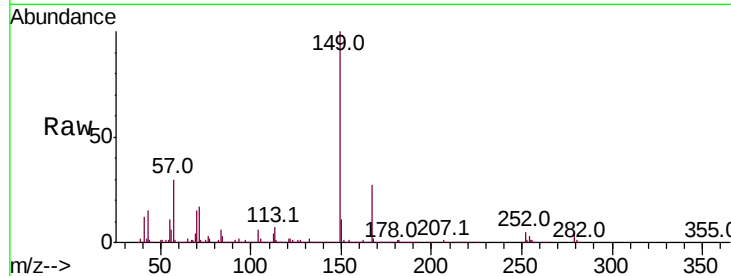
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.802 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.9	21.3	31.9	
279	3.7	3.0	4.4	

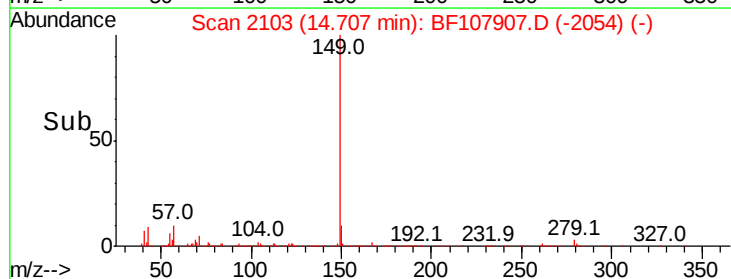
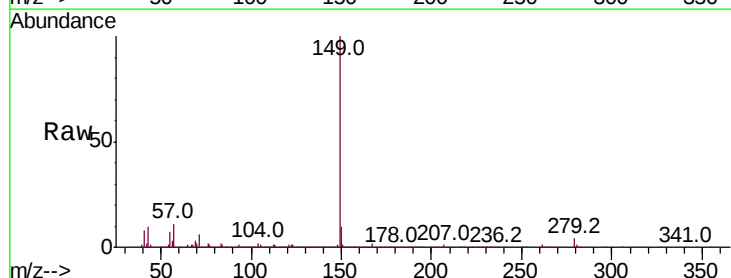
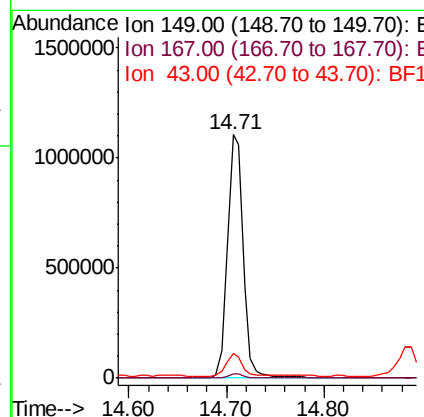
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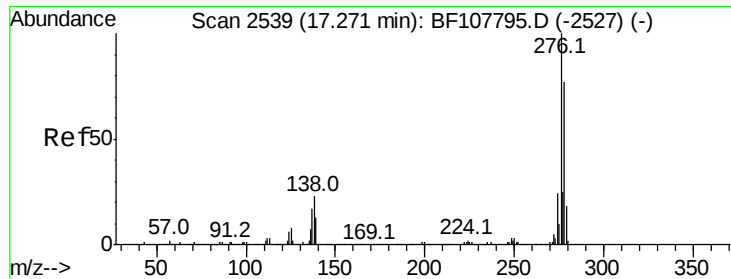
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 43.397 ng
 RT: 14.71 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	8.8	8.4	12.6	





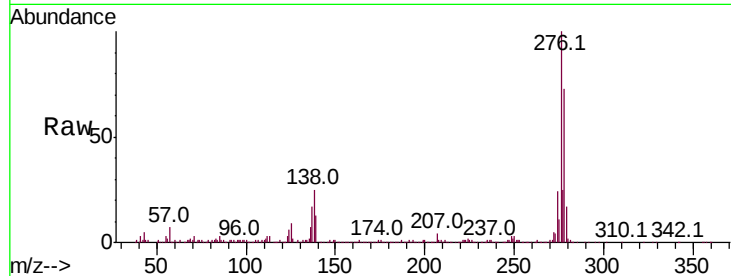
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.666 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	25.1	20.1	30.1

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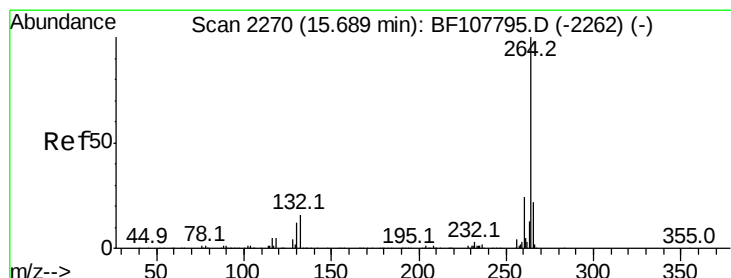
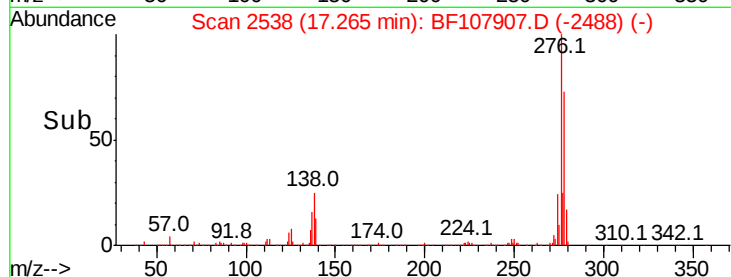
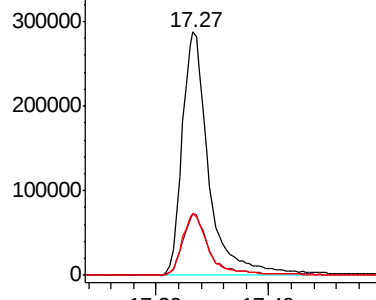


Abundance

Ion 276.00 (275.70 to 276.70): E

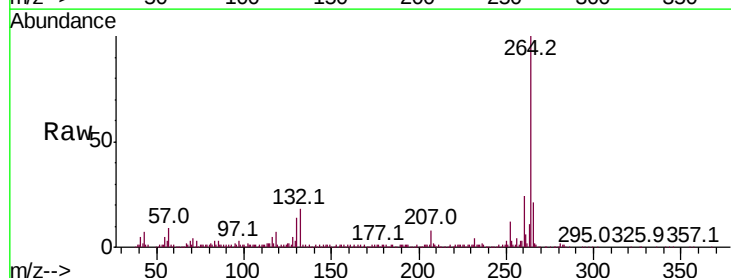
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF107907.D
 Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3

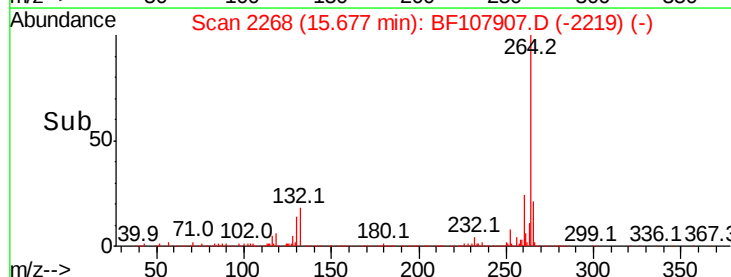
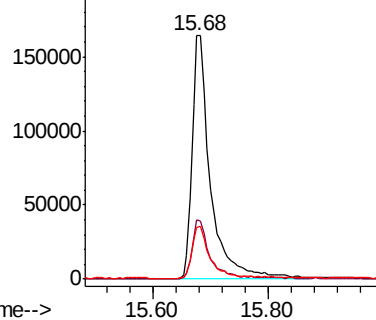


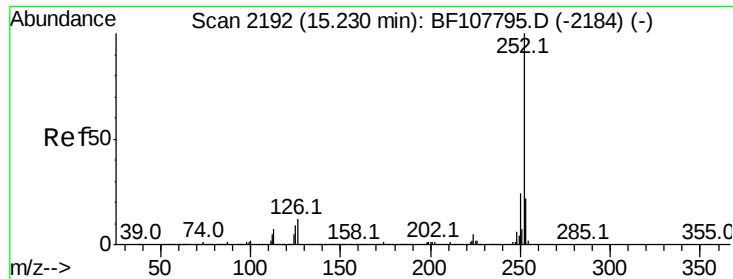
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





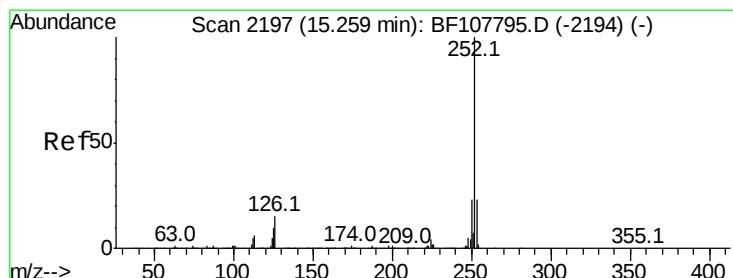
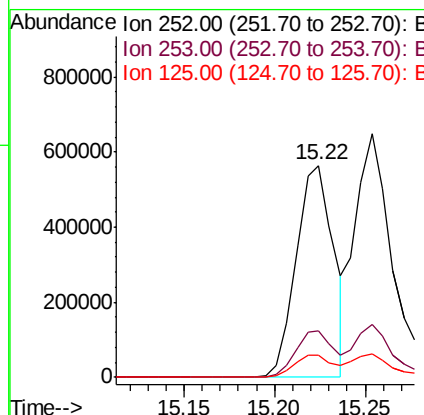
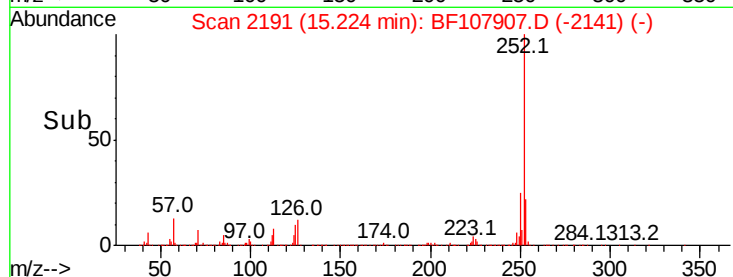
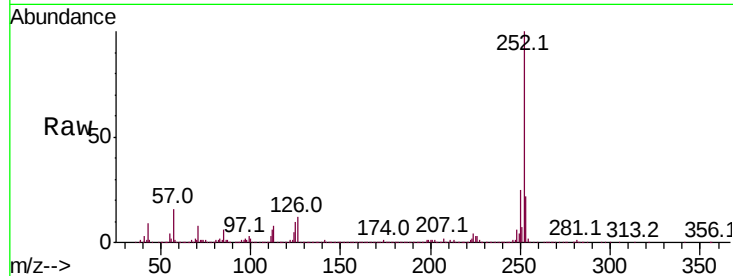
#87
Benzo(b)fluoranthene
Concen: 45.501 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.2	9.0	13.6

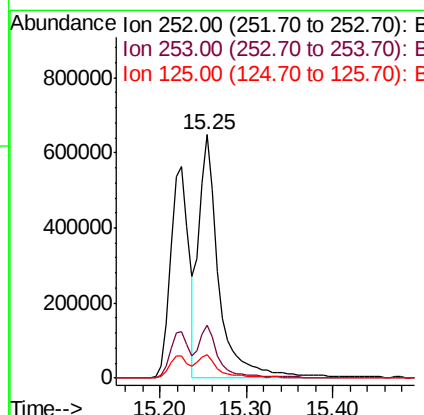
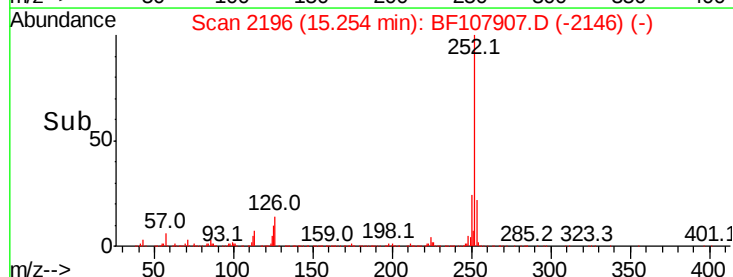
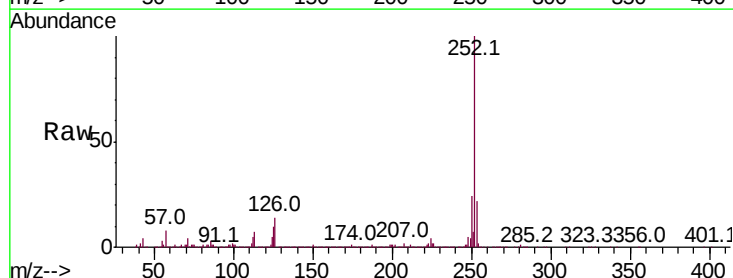
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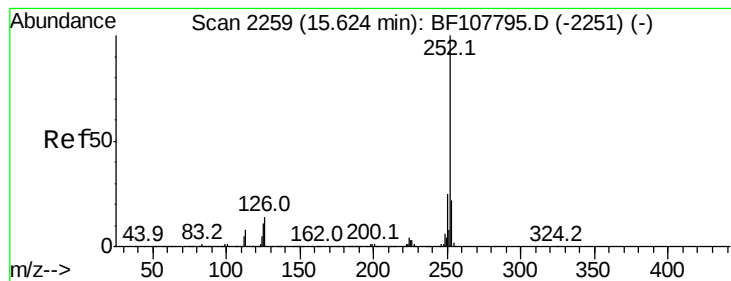
Sohil
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#88
Benzo(k)fluoranthene
Concen: 47.844 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107907.D
Acq: 2 Aug 2018 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.8	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 47.665 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

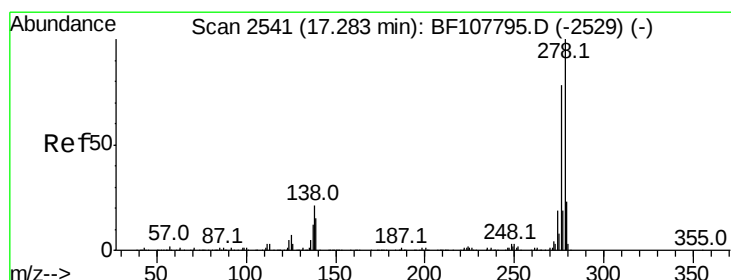
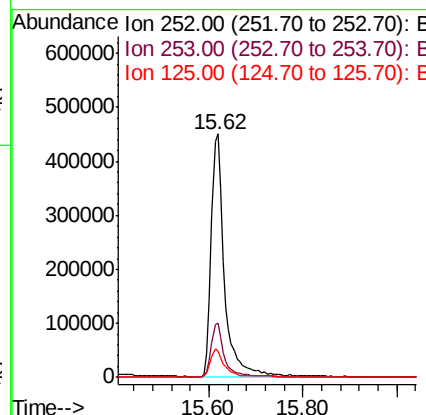
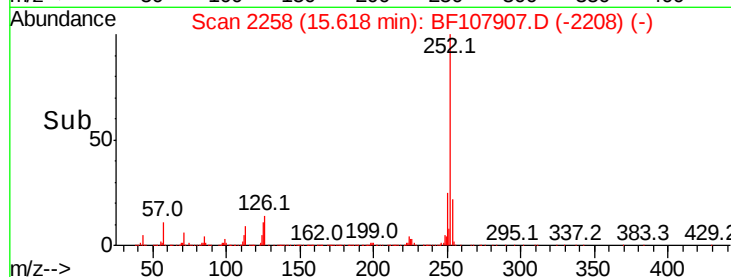
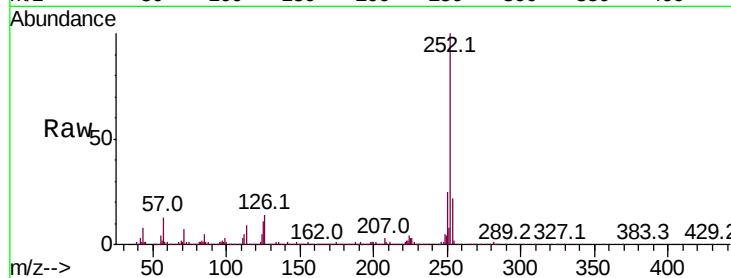
ClientSampleId :

PB111618BS

Tot Ion:	252	Resp:	882084
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	10.7	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 48.771 ng

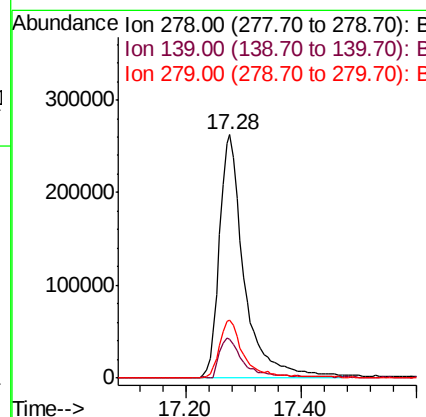
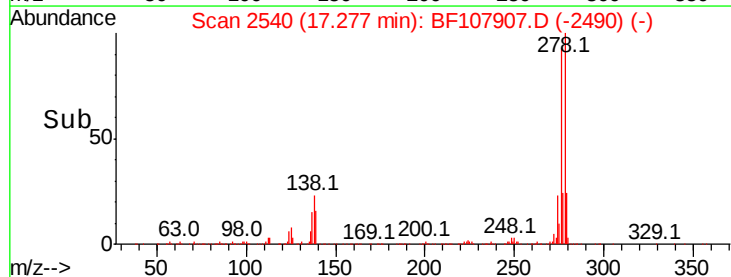
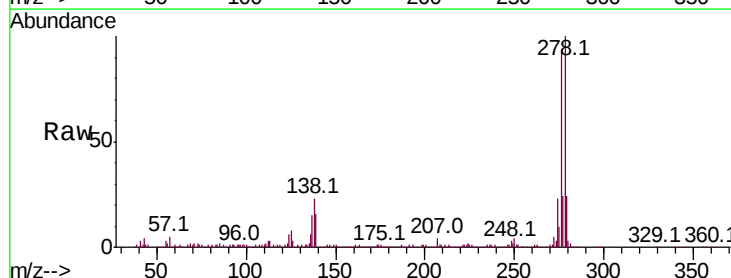
RT: 17.28 min Scan# 2540

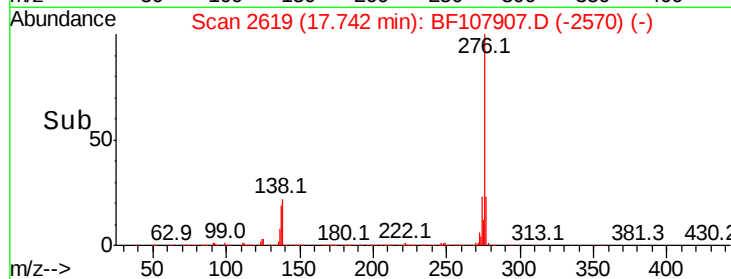
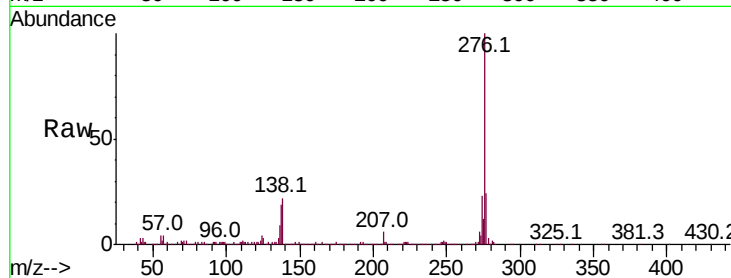
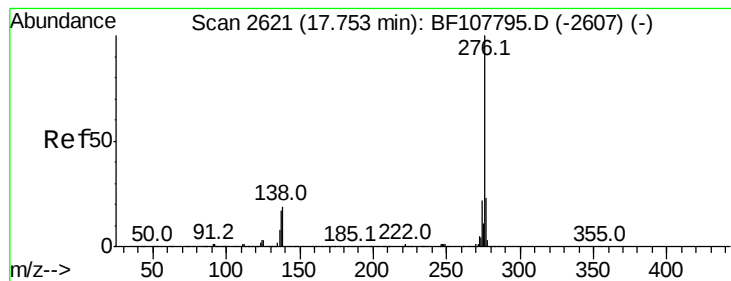
Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Tgt Ion:	278	Resp:	787275
Ion Ratio	Lower	Upper	
278	100		
139	15.8	15.9	23.9#
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 49.598 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF107907.D

Acq: 2 Aug 2018 14:16

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tot Ion: 276 Resp: 774685

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 22.3 21.8 32.8

Manual Integrations

APPROVED

Sohil

8/3/2018 12:53:08 PM

