

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107961.D
 Acq On : 4 Aug 2018 2:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/6/2018 5:06:05 PM

Quant Time: Aug 06 05:35:04 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	6.95	152	198470	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	895271	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	364599	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	655217	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	604328	20.00	ng	0.00
86) Perylene-d12	15.68	264	607727	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	861631	73.78	ng	0.00
7) Phenol-d6	6.61	99	1183173	76.88	ng	0.00
23) Nitrobenzene-d5	7.53	82	1224541	78.80	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	340361	68.70	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	2119198	81.00	ng	0.00
78) Terphenyl-d14	13.07	244	1836839	65.91	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.77	88	176129	34.060	ng	Qvalue # 83
3) Pyridine	3.58	79	467956m	35.943	ng	
4) n-Nitrosodimethylamine	3.57	42	149526m	25.165	ng	
6) Aniline	6.64	93	634479	39.635	ng	# 68
8) 2-Chlorophenol	6.75	128	565448	38.548	ng	94
9) Benzaldehyde	6.52	77	289189m	31.143	ng	
10) Phenol	6.62	94	747586	40.732	ng	# 68
11) bis(2-Chloroethyl)ether	6.69	93	728684	44.649	ng	98
12) 1,3-Dichlorobenzene	6.90	146	583569	37.931	ng	98
13) 1,4-Dichlorobenzene	6.97	146	677529	39.561	ng	99
14) 1,2-Dichlorobenzene	7.12	146	589837	37.102	ng	99
15) Benzyl Alcohol	7.11	79	385545	40.303	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	900991	38.398	ng	56
17) 2-Methylphenol	7.22	107	444615	41.059	ng	# 75
18) Hexachloroethane	7.45	117	206503	33.546	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	408837	41.875	ng	100
20) 3+4-Methylphenols	7.38	107	529057	39.794	ng	# 66
22) Acetophenone	7.37	105	820248	38.082	ng	# 90
24) Nitrobenzene	7.55	77	629819	38.651	ng	99
25) Isophorone	7.78	82	974122	38.187	ng	99
26) 2-Nitrophenol	7.86	139	311125m	38.045	ng	
27) 2,4-Dimethylphenol	7.90	122	428912	39.174	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	688891	40.979	ng	99
29) 2,4-Dichlorophenol	8.11	162	494773	39.951	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	543877	38.495	ng	99
31) Naphthalene	8.26	128	1598702	38.416	ng	99
32) Benzoic acid	8.05	122	282117m	38.387	ng	
33) 4-Chloroaniline	8.32	127	683860	38.471	ng	98
34) Hexachlorobutadiene	8.36	225	312888	35.837	ng	99
35) Caprolactam	8.71	113	135481	36.339	ng	# 85
36) 4-Chloro-3-methylphenol	8.81	107	496786	36.935	ng	100
37) 2-Methylnaphthalene	8.95	142	1002033	38.332	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	529389	42.586	ng	# 97
40) Hexachlorocyclopentadiene	9.09	237	44128	14.897	ng	98

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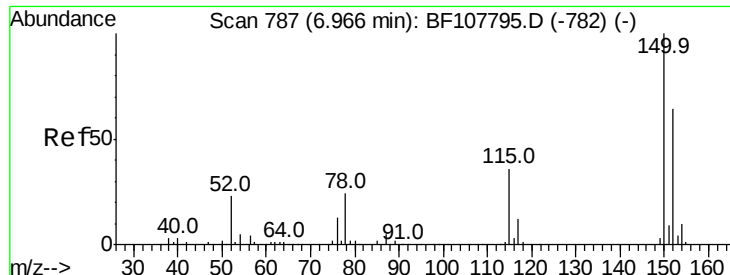
Manual Integrations
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Sohil
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Quant Time: Aug 06 05:35:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	299621	43.599	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	316503	38.256	nq	97
45) 1,1'-Biphenyl	9.41	154	1365225	41.145	nq	98
46) 2-Chloronaphthalene	9.44	162	1025404	40.981	nq	99
47) 2-Nitroaniline	9.55	65	332661	40.873	nq	92
48) Acenaphthylene	9.86	152	1446636	37.293	nq	100
49) Dimethylphthalate	9.71	163	1086661	39.686	nq	99
50) 2,6-Dinitrotoluene	9.79	165	237590	39.927	nq	92
51) Acenaphthene	10.03	154	854949	37.941	nq	100
52) 3-Nitroaniline	9.98	138	279405	37.262	nq	97
53) 2,4-Dinitrophenol	10.15	184	18875m	13.824	nq	
54) Dibenzofuran	10.20	168	1287581	36.969	nq	96
55) 4-Nitrophenol	10.18	139	55064m	23.099	nq	
56) 2,4-Dinitrotoluene	10.20	165	275817	35.266	nq	# 81
57) Fluorene	10.55	166	955670	35.307	nq	94
58) 2,3,4,6-Tetrachlorophenol	10.32	232	248295	32.675	nq	96
59) Diethylphthalate	10.41	149	1074180	36.487	nq	98
60) 4-Chlorophenyl-phenylether	10.53	204	531160	36.023	nq	95
61) 4-Nitroaniline	10.60	138	248550	37.351	nq	93
62) Azobenzene	10.70	77	982454	35.832	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	56065	15.728	nq	88
65) n-Nitrosodiphenylamine	10.66	169	895147	41.491	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	323482	42.358	nq	# 88
67) Hexachlorobenzene	11.10	284	326529	38.558	nq	# 84
68) Atrazine	11.18	200	233990	36.645	nq	95
69) Pentachlorophenol	11.30	266	173772	41.683	nq	97
70) Phenanthrene	11.52	178	1168972	37.573	nq	99
71) Anthracene	11.57	178	1400095	39.016	nq	100
72) Carbazole	11.74	167	1394917	39.335	nq	99
73) Di-n-butylphthalate	12.03	149	1475440	38.137	nq	100
74) Fluoranthene	12.71	202	1414950	38.713	nq	97
76) Benzidine	12.85	184	550123m	28.154	nq	
77) Pyrene	12.94	202	1438966	33.067	nq	99
79) Butylbenzylphthalate	13.54	149	661553	34.715	nq	95
80) Benzo(a)anthracene	14.14	228	1304994	38.121	nq	98
81) 3,3'-Dichlorobenzidine	14.10	252	524693	39.539	nq	# 96
82) Chrysene	14.18	228	1409398	38.171	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	843155	35.195	nq	100
84) Di-n-octyl phthalate	14.71	149	1576815	41.006	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1027815	36.596	nq	# 93
87) Benzo(b)fluoranthene	15.22	252	1089863	36.361	nq	98
88) Benzo(k)fluoranthene	15.25	252	1456881	39.590	nq	97
89) Benzo(a)pyrene	15.61	252	1122509	36.277	nq	99
90) Dibenzo(a,h)anthracene	17.27	278	880256	32.613	nq	96
91) Benzo(g,h,i)perylene	17.74	276	826711m	31.655	nq	

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



#1

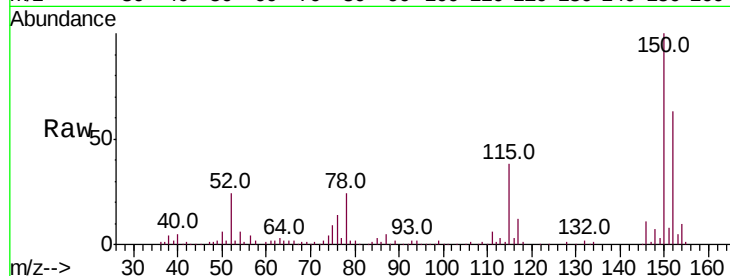
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.8	50.1	75.1

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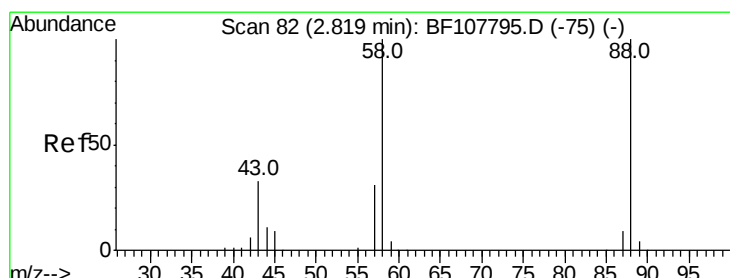
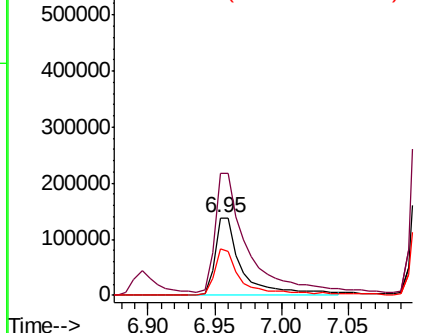
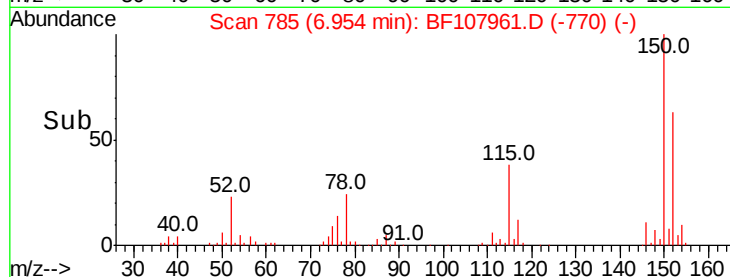


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

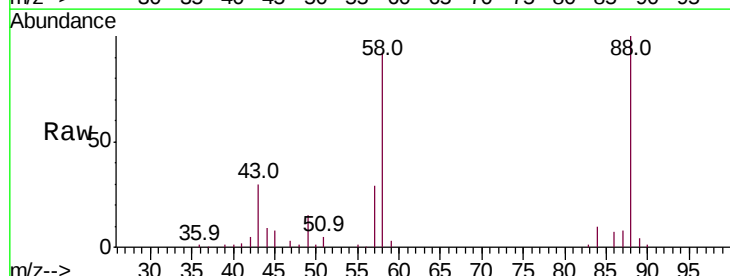
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.060 ng
RT: 2.77 min Scan# 74
Delta R.T. -0.05 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	62.6	93.8#
43	31.8	24.6	37.0

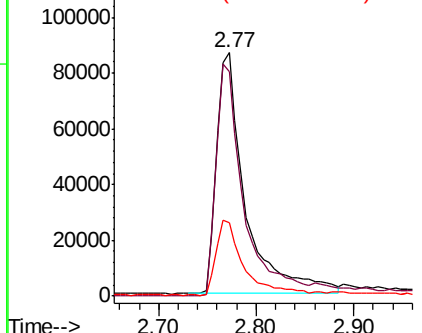
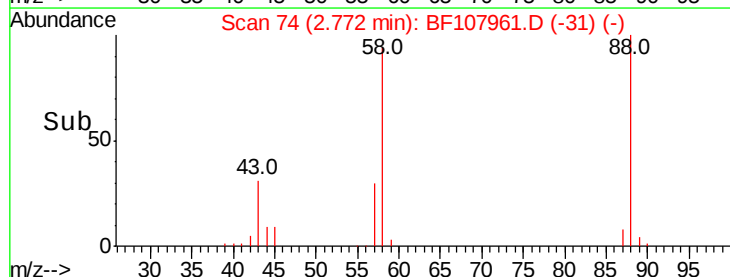


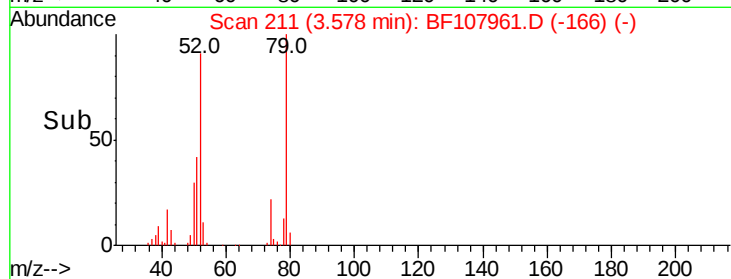
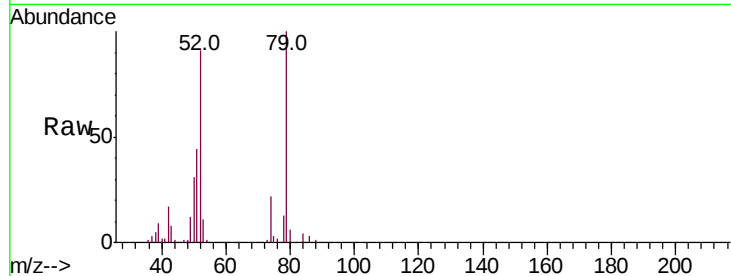
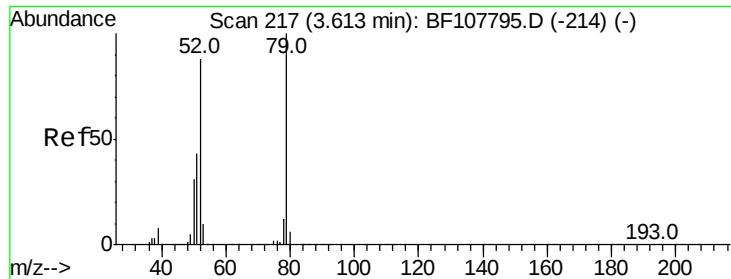
Abundance

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





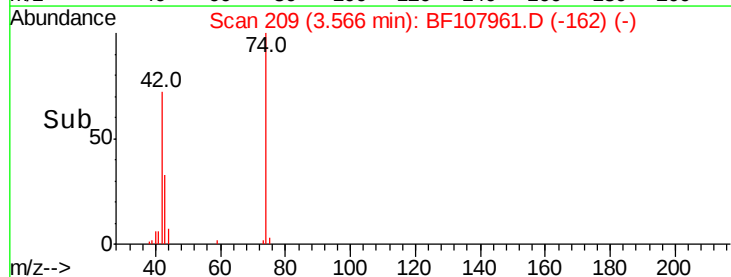
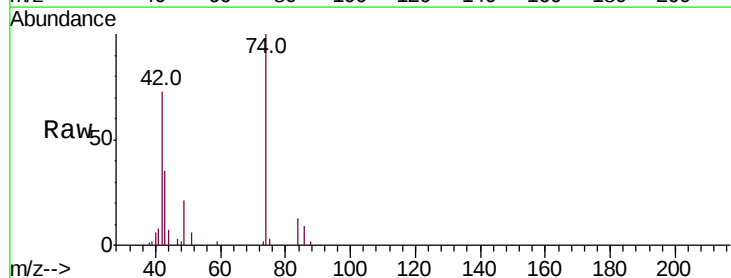
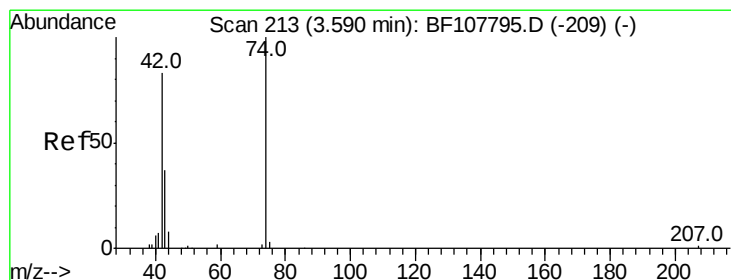
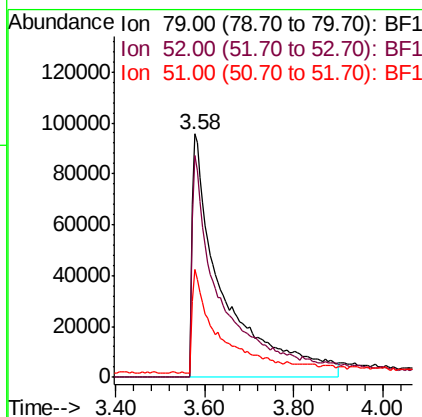
#3
Pvridine
Concen: 35.943 ng m
RT: 3.58 min Scan# 211
Delta R.T. -0.04 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tot Ion: 79 Resp: 467956
Ion Ratio Lower Upper
79 100
52 91.3 59.8 89.6#
51 44.2 29.8 44.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

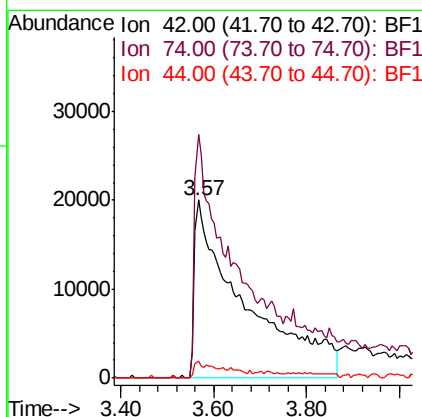
Manual Integrations
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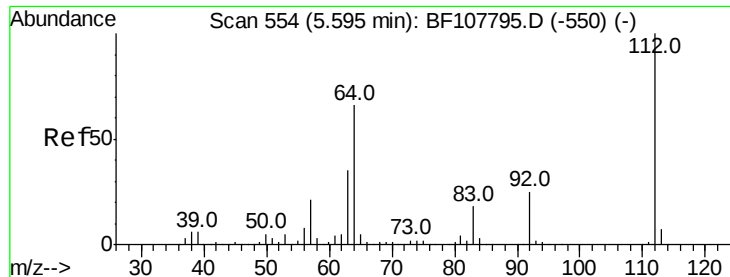
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#4
n-Nitrosodimethylamine
Concen: 25.165 ng m
RT: 3.57 min Scan# 209
Delta R.T. -0.02 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion: 42 Resp: 149526
Ion Ratio Lower Upper
42 100
74 136.9 104.9 157.3
44 9.9 6.9 10.3





#5

2-Fluorophenol

Concen: 73.784 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

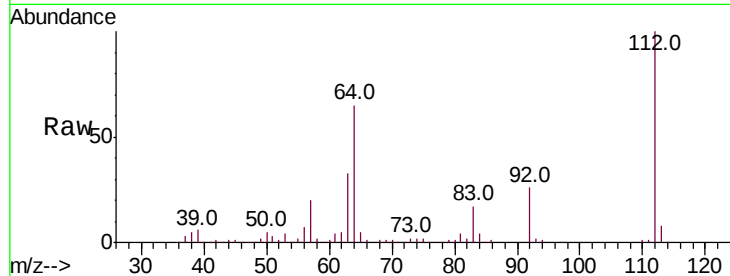
ClientSampleId :

SSTDCCC040

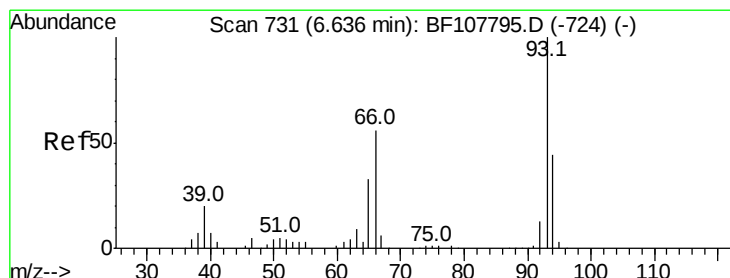
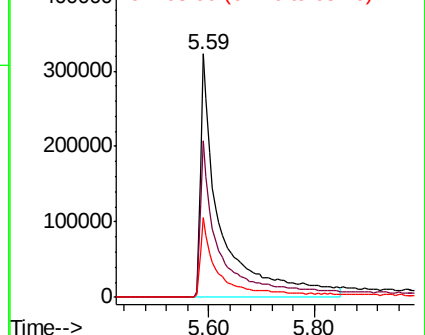
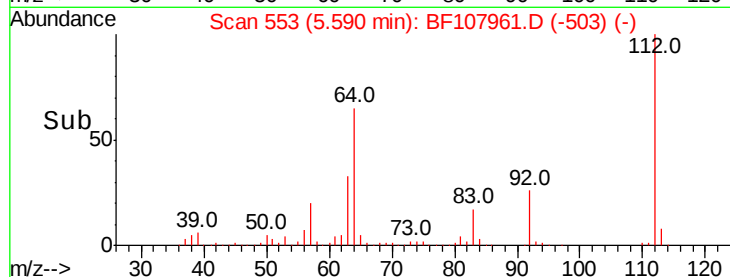
Tot Ion:	112	Resp:	861631
Ion Ratio	Lower	Upper	
112	100		
64	64.5	47.9	71.9
63	33.0	23.7	35.5

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



#6

Aniline

Concen: 39.635 ng

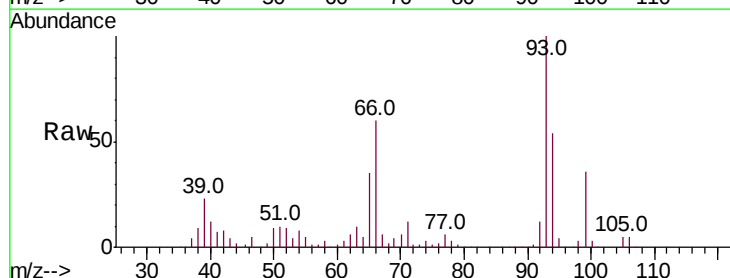
RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

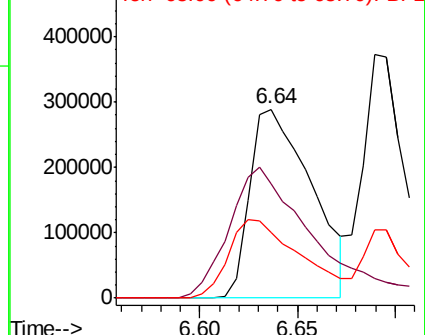
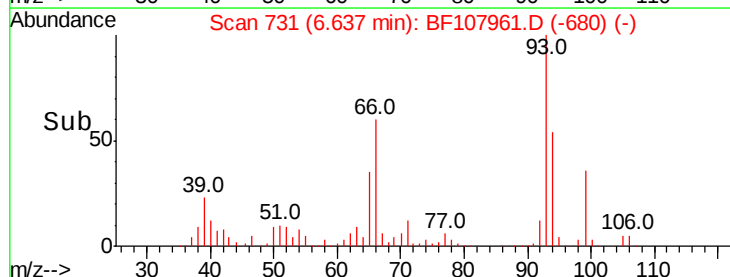
Lab File: BF107961.D

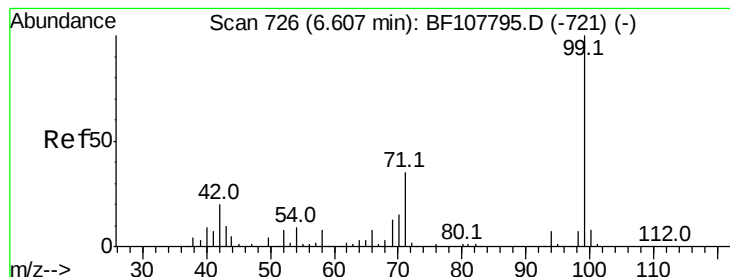
Acq: 4 Aug 2018 2:19

Tgt Ion:	93	Resp:	634479
Ion Ratio	Lower	Upper	
93	100		
66	60.4	32.2	48.2#
65	34.6	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.876 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1183173

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

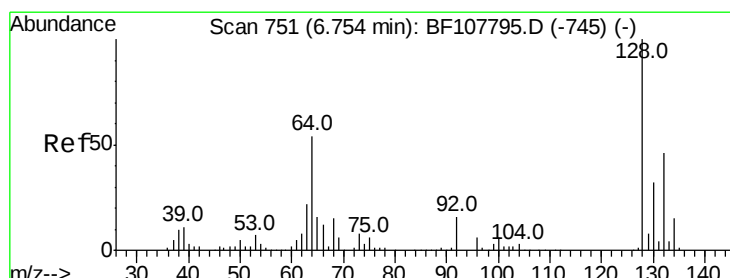
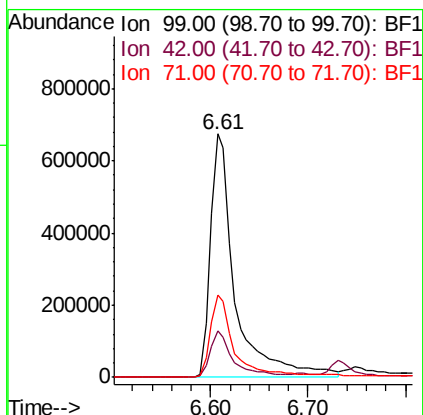
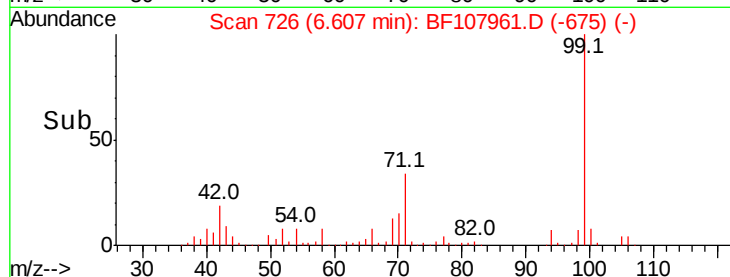
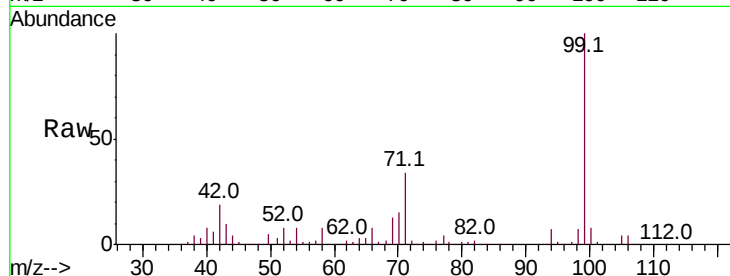
71 33.9 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.548 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

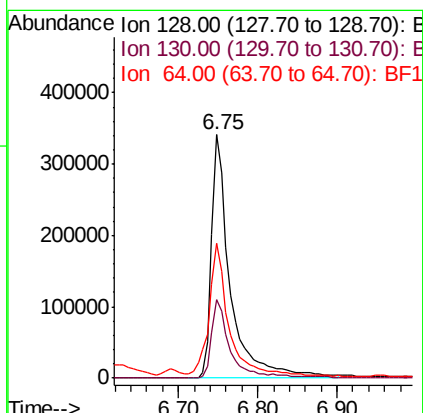
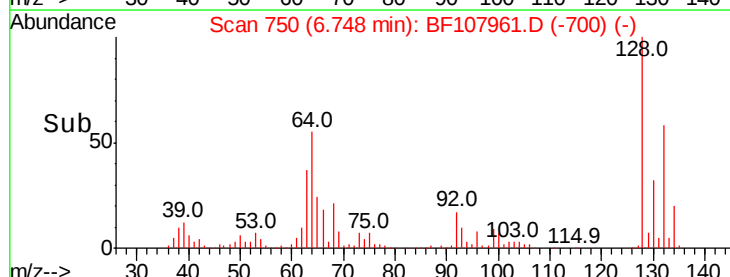
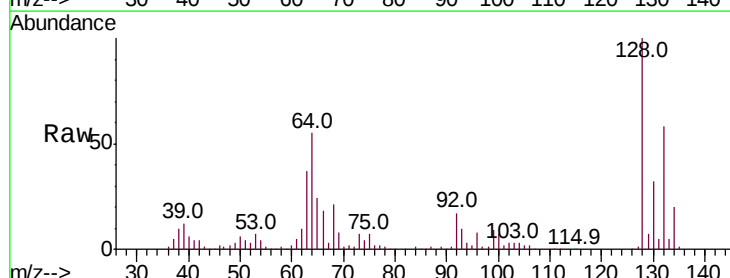
Tgt Ion: 128 Resp: 565448

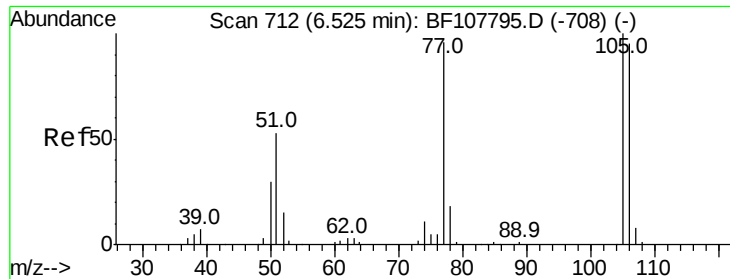
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 55.4 29.4 69.4





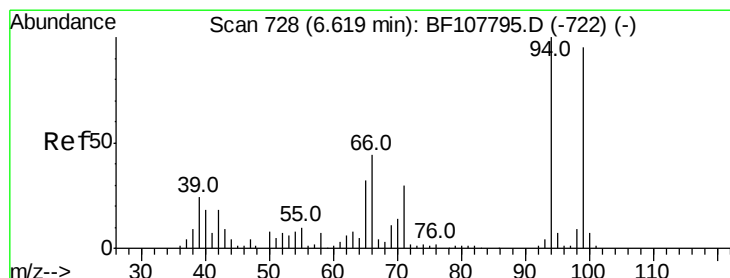
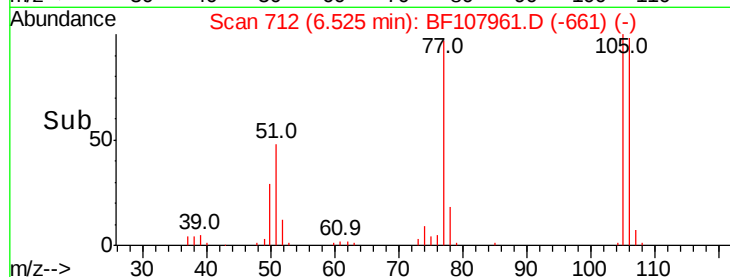
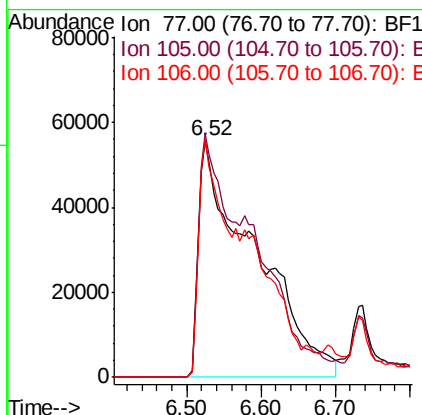
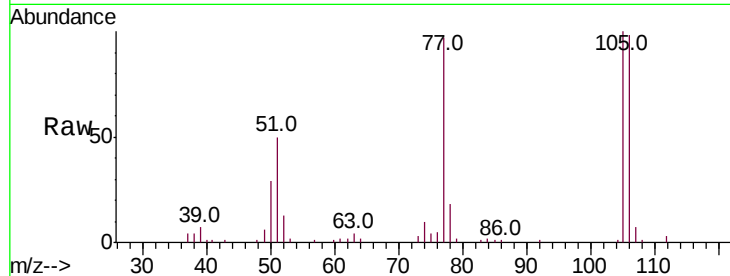
#9
Benzaldehyde
Concen: 31.143 ng/ml
RT: 6.52 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.0	81.1	121.1
106	101.0	74.5	114.5

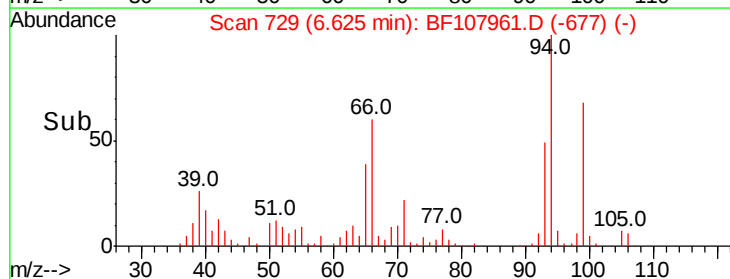
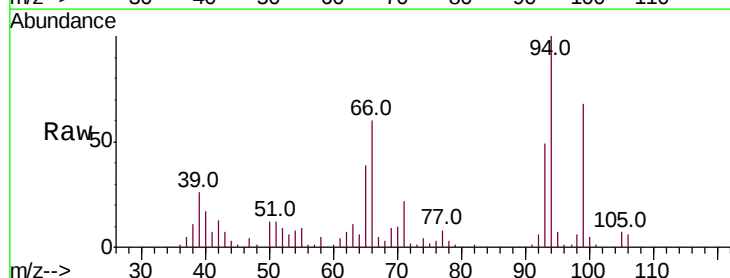
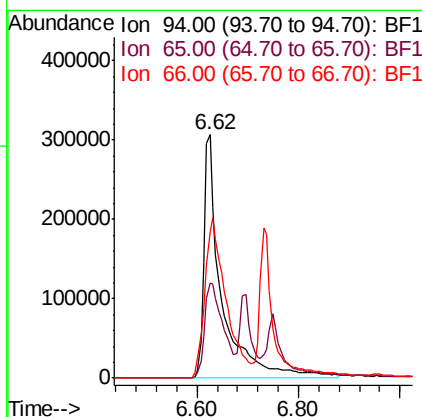
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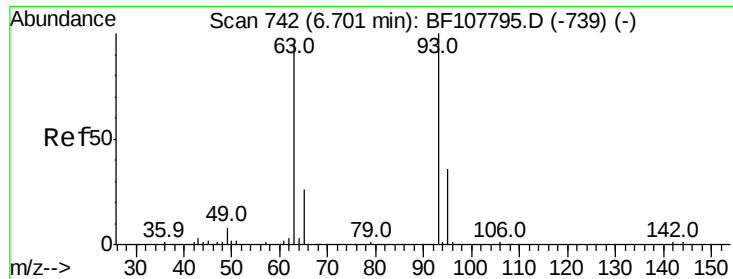
Sohil
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#10
Phenol
Concen: 40.732 ng/ml
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.2	7.9	47.9
66	60.1	16.2	56.2





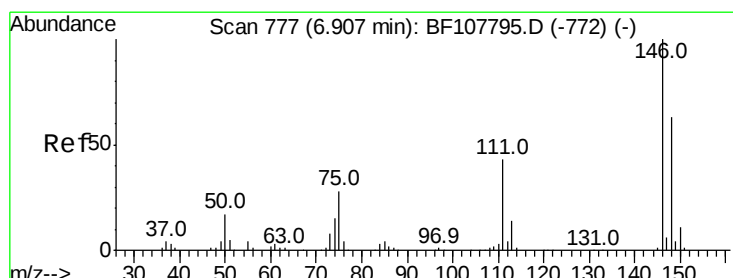
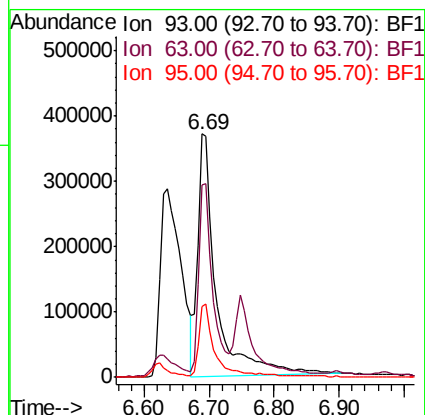
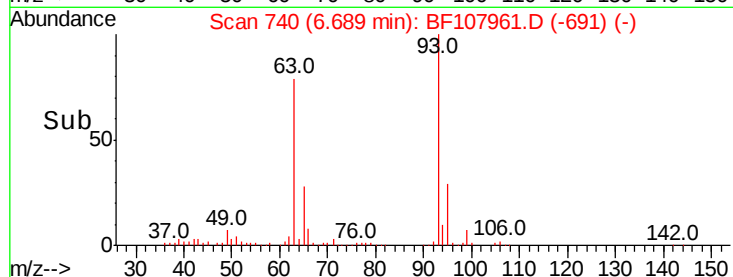
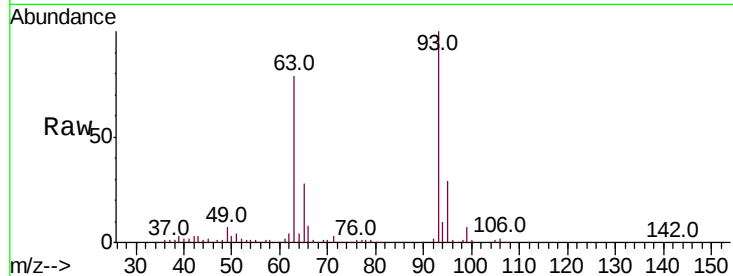
#11
bis(2-Chloroethyl)ether
Concen: 44.649 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	58.6	98.6
95	29.0	11.8	51.8

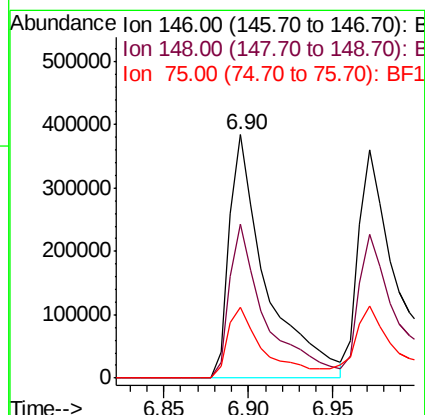
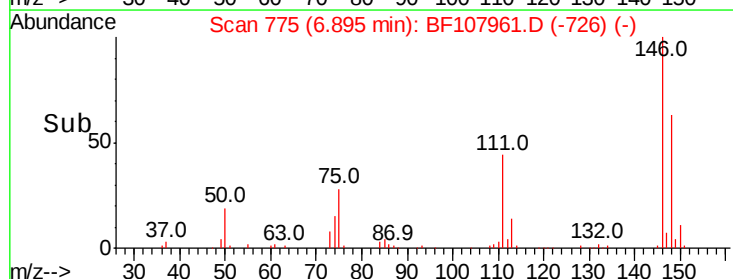
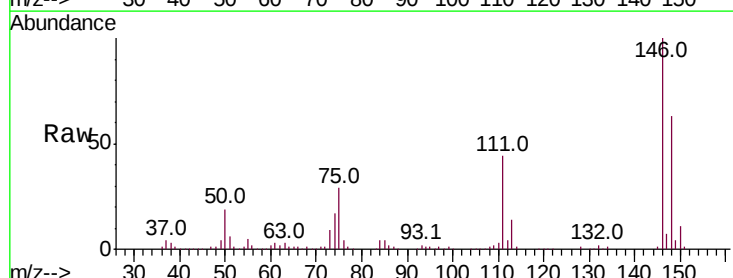
Manual Integrations
APPROVED

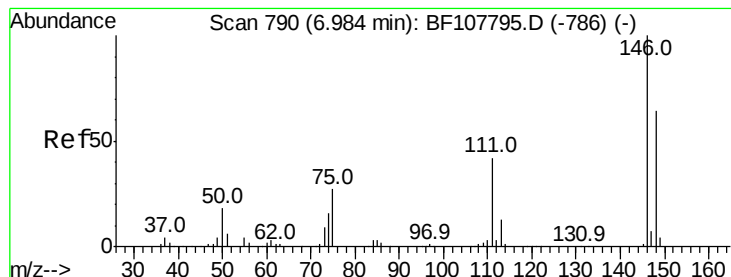
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.931 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	29.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.561 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

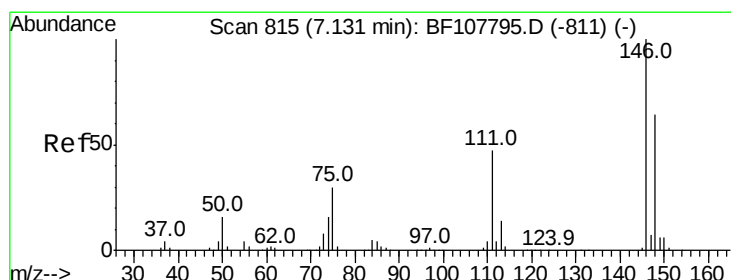
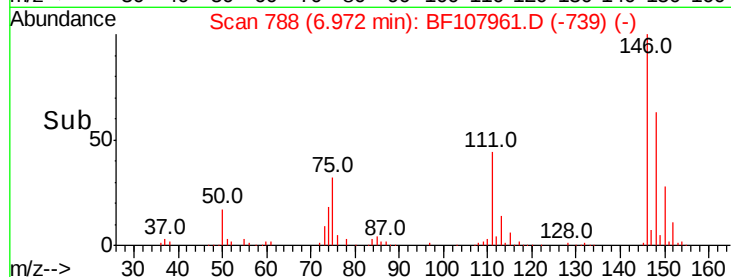
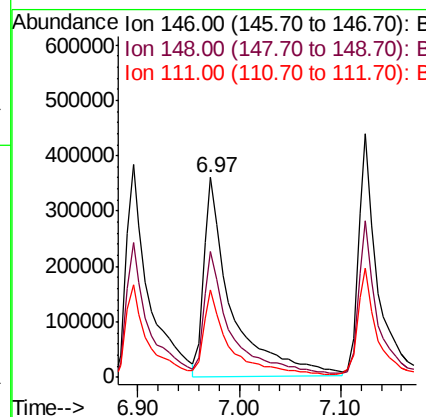
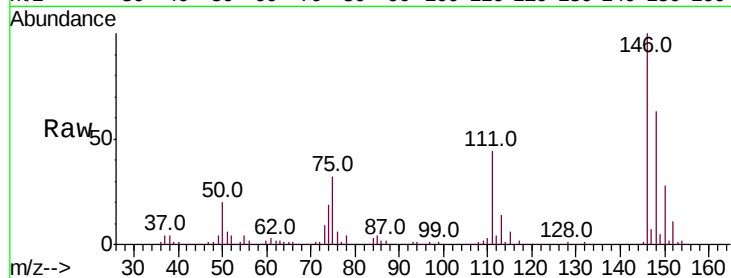
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	677529
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	43.8	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.102 ng

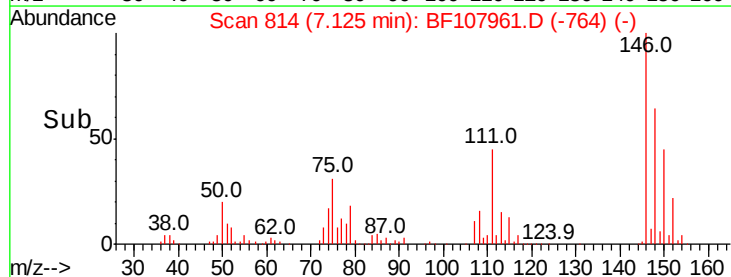
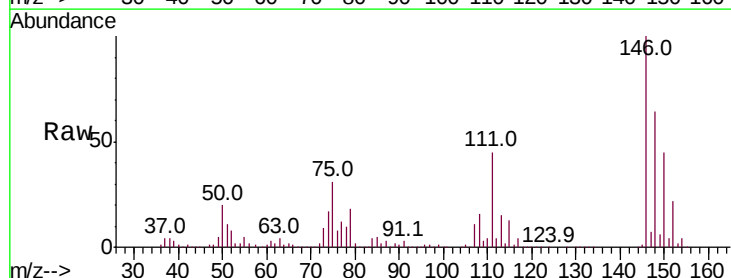
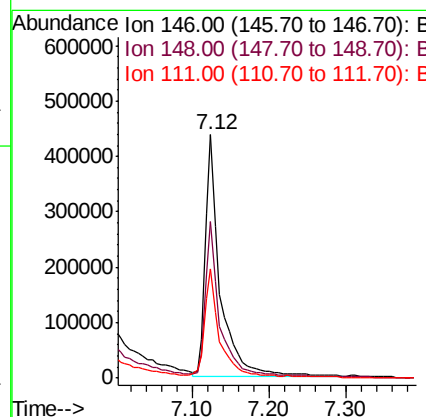
RT: 7.12 min Scan# 814

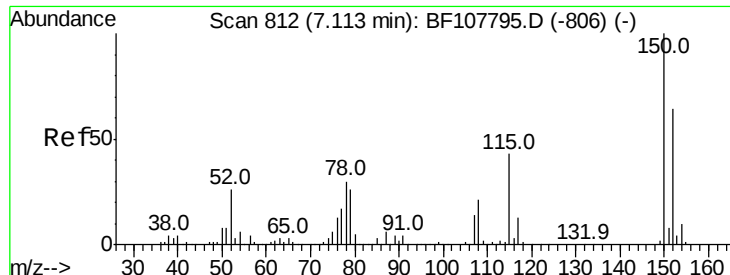
Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion:	146	Resp:	589837
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	44.7	36.0	54.0





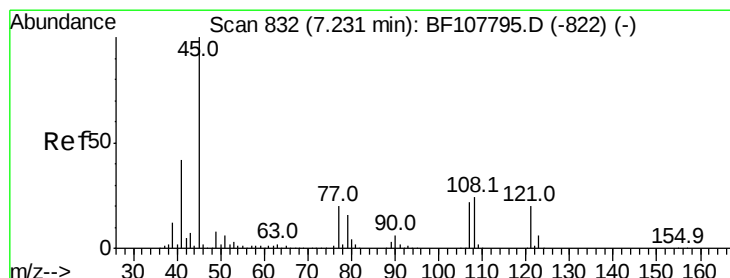
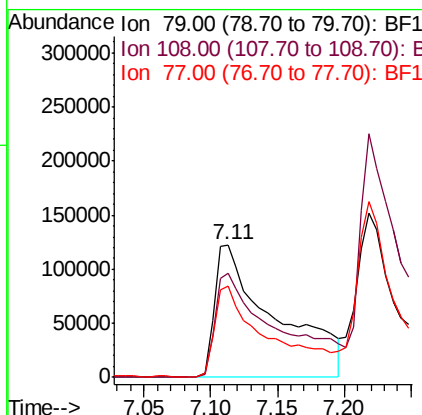
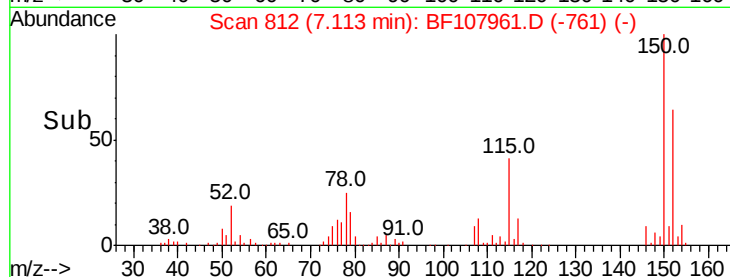
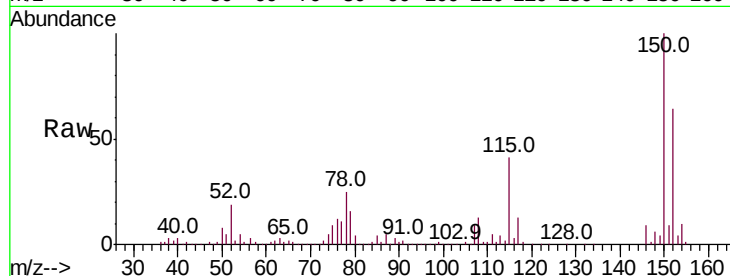
#15
Benzyl Alcohol
Concen: 40.303 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	65.1	97.7
77	69.3	50.6	75.8

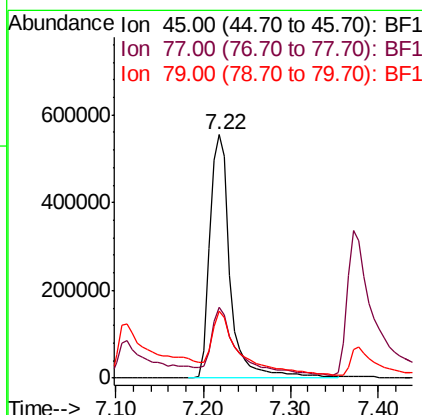
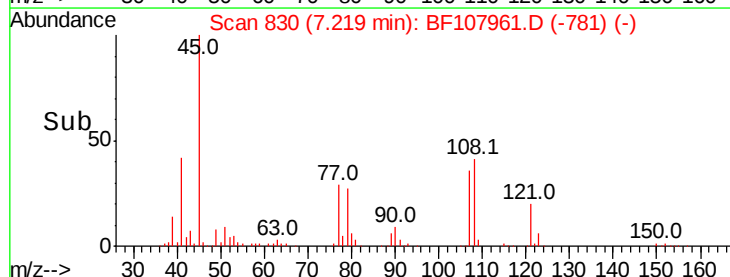
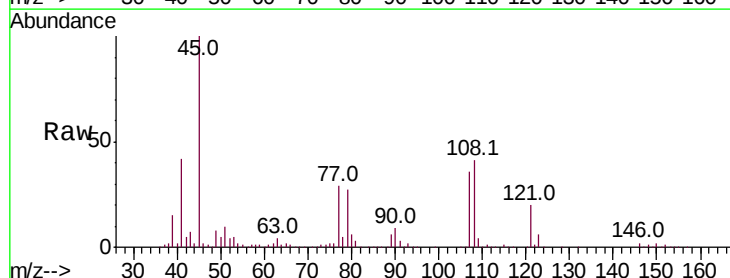
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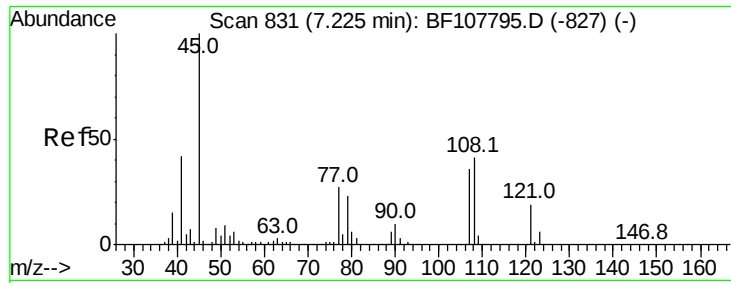
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.398 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.3	0.0	32.9
79	27.4	0.0	29.6





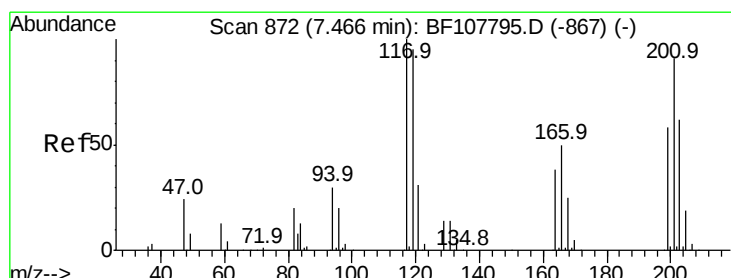
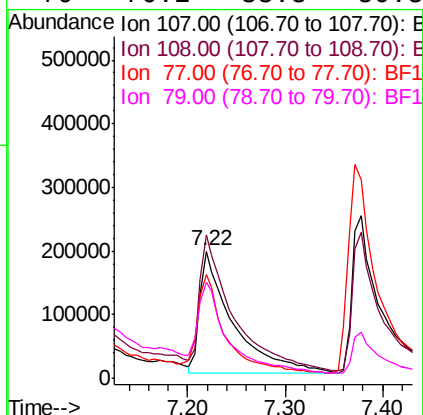
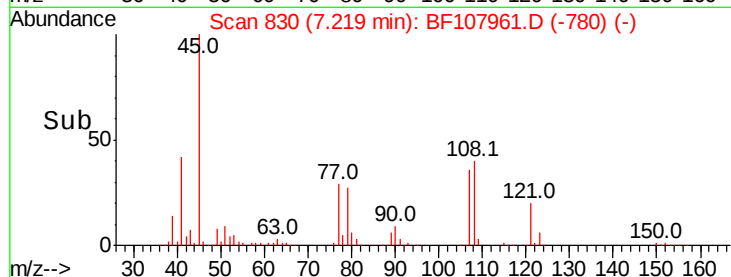
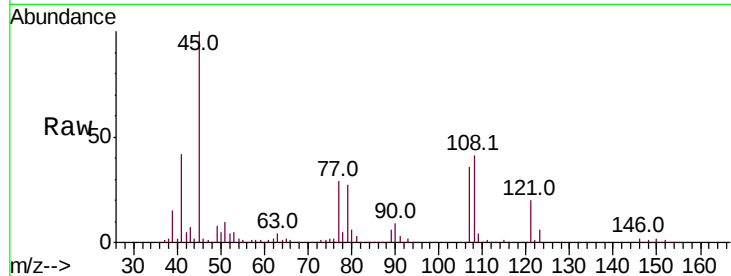
#17
2-Methylphenol
Concen: 41.059 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	81.7	33.8	50.8#
79	76.2	33.8	50.8#

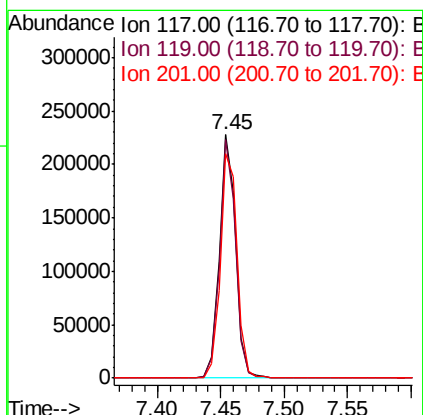
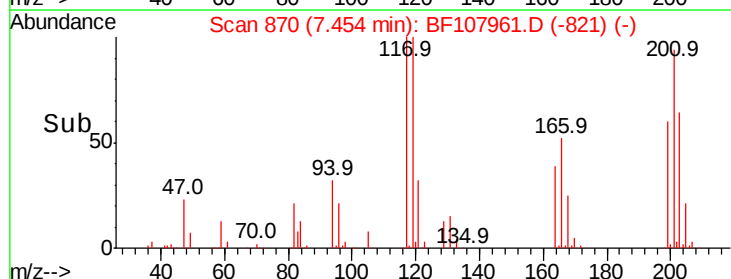
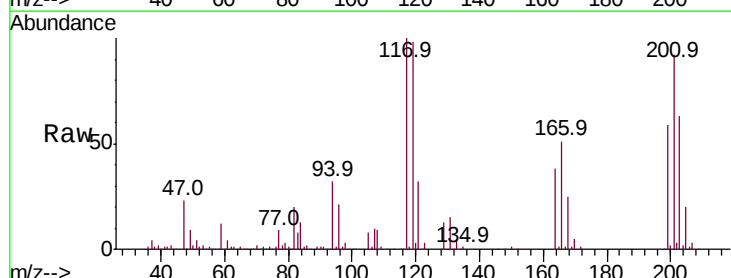
Manual Integrations
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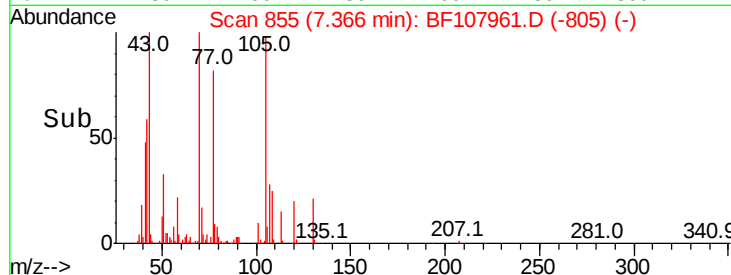
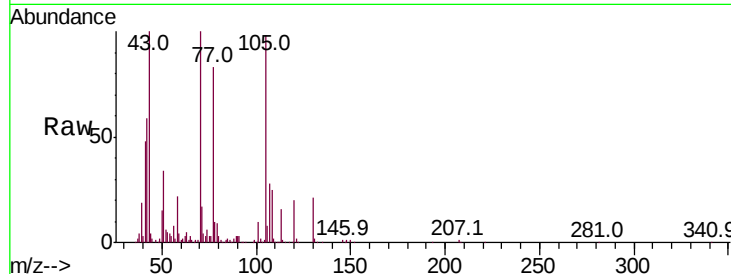
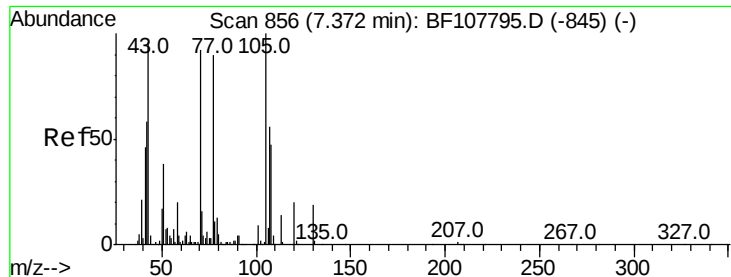
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#18
Hexachloroethane
Concen: 33.546 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	92.3	75.7	113.5





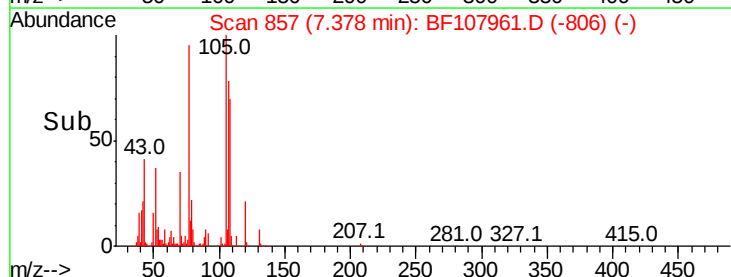
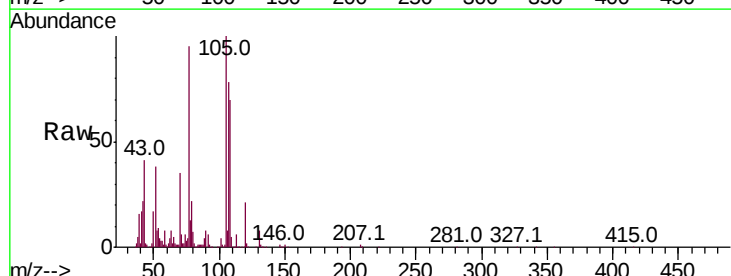
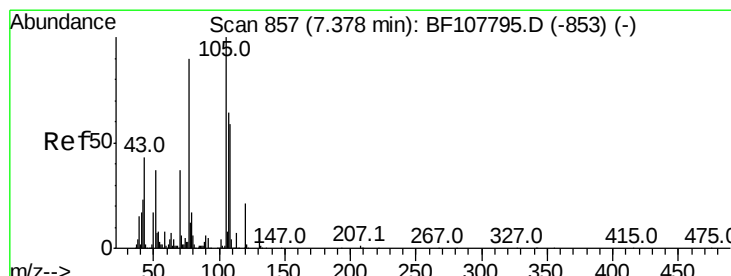
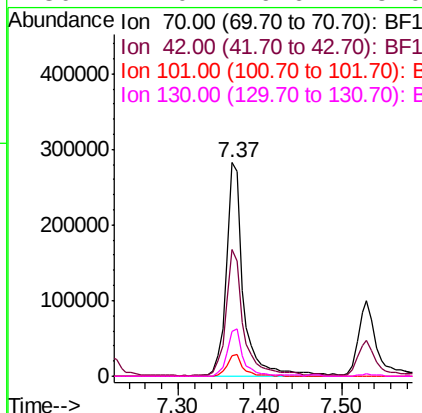
#19
n-Nitroso-di-n-propylamine
Concen: 41.875 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.5	71.3
101	9.7	7.4	11.2
130	21.0	16.6	25.0

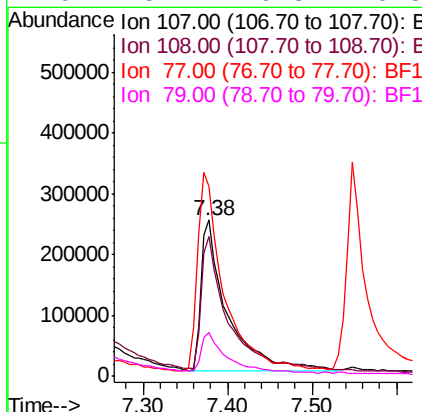
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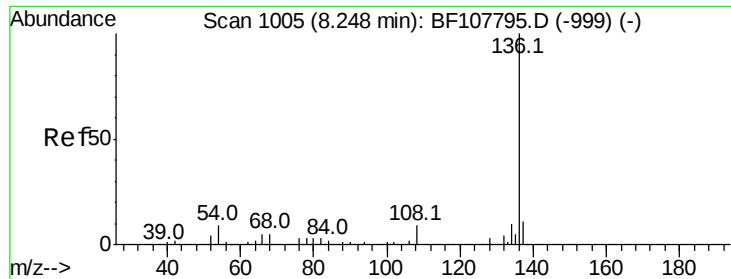
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#20
3+4-Methylphenols
Concen: 39.794 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	121.9	26.7	66.7#
79	28.1	6.3	46.3





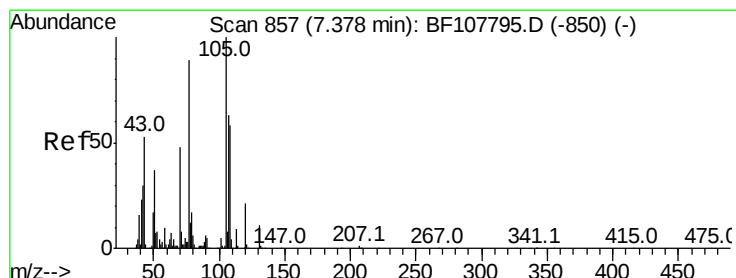
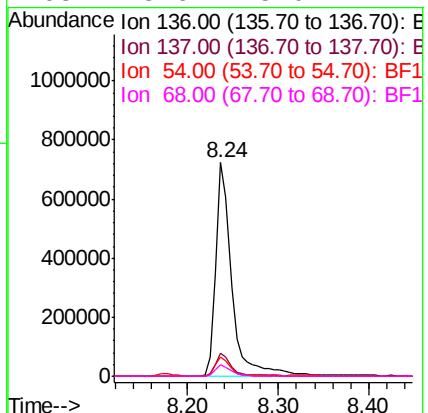
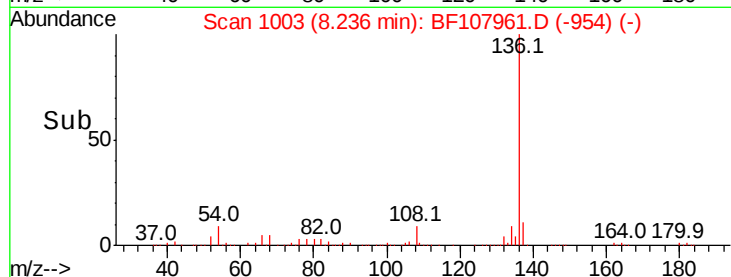
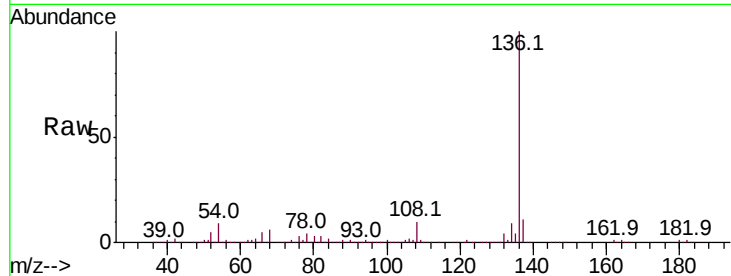
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	895271		
137	10.8		8.9	13.3
54	9.2		6.6	9.8
68	5.6		5.0	7.4

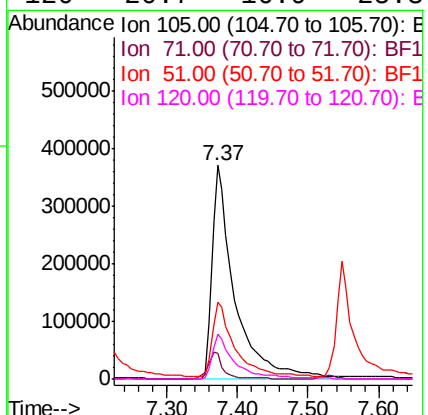
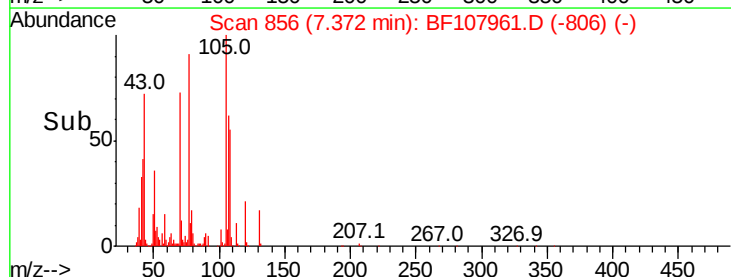
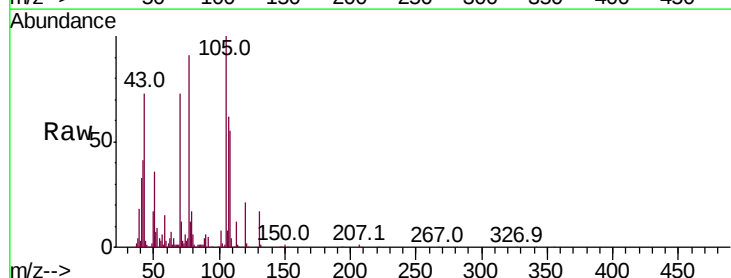
Manual Integrations
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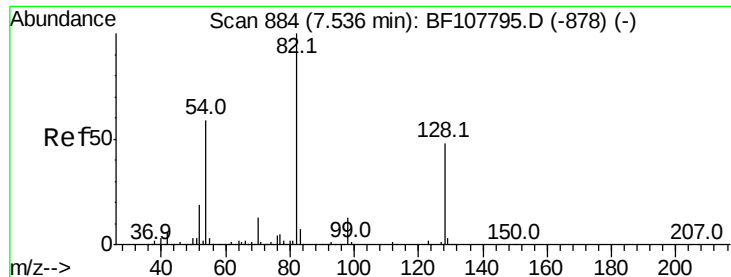
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#22
Acetophenone
Concen: 38.082 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	820248		
71	12.1		4.4	6.6#
51	36.0		22.3	33.5#
120	20.7		16.9	25.3





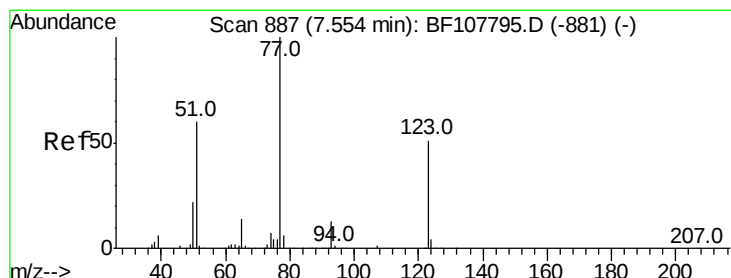
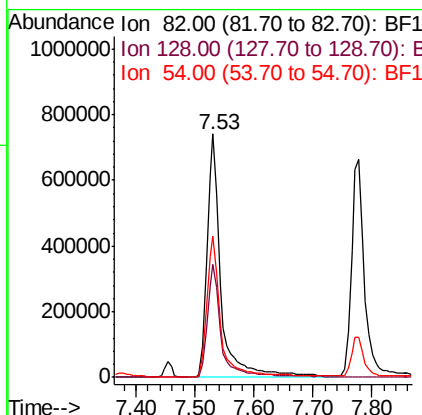
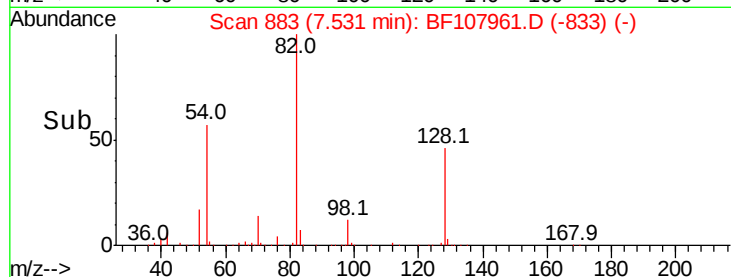
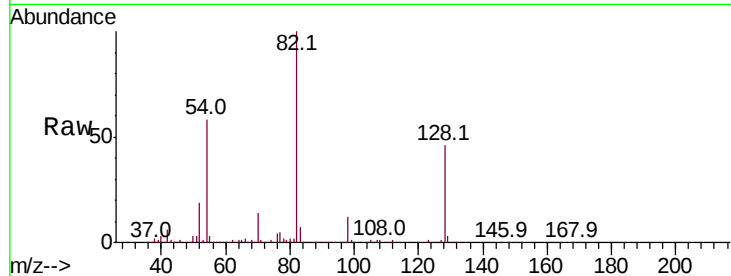
#23
Nitrobenzene-d5
Concen: 78.799 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	58.1	41.4	62.2

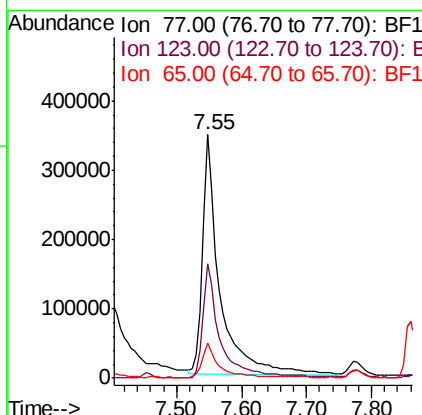
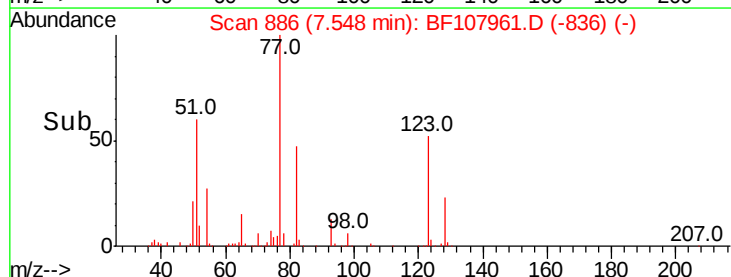
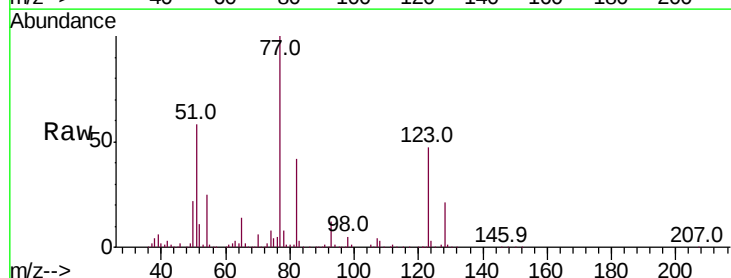
Manual Integrations
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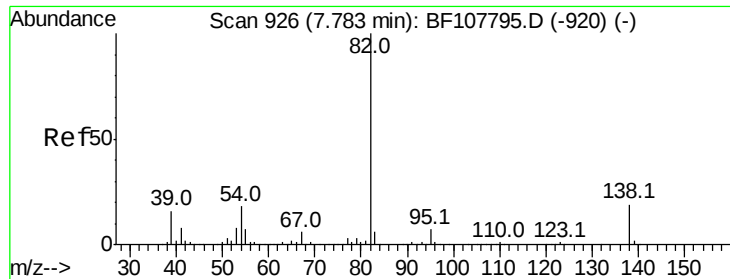
Sohil
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#24
Nitrobenzene
Concen: 38.651 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 38.187 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

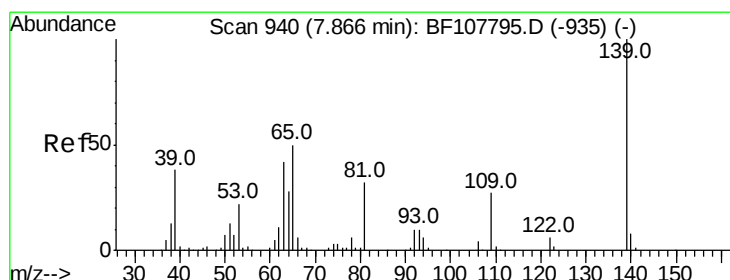
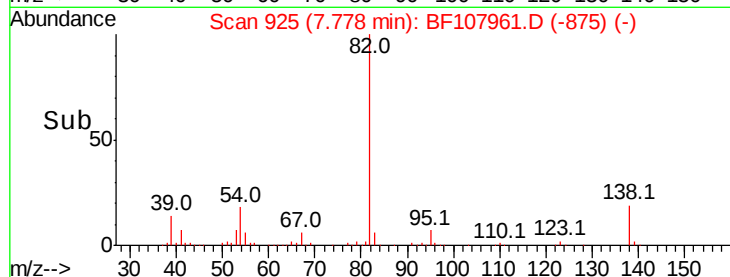
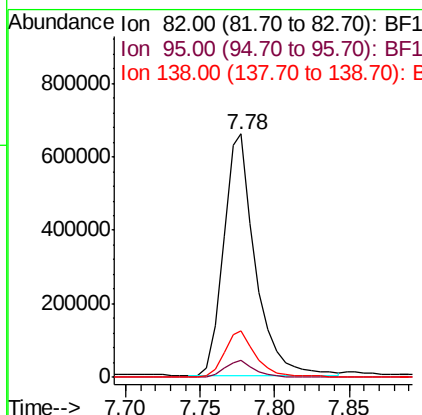
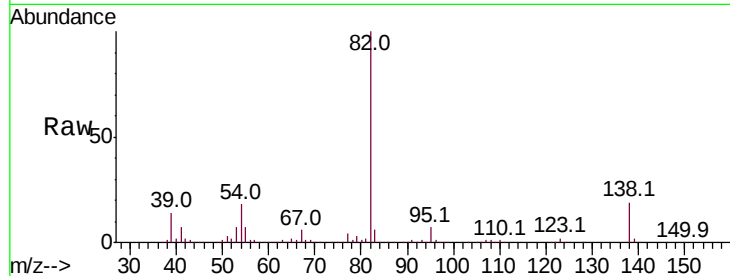
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	974122
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	19.3	14.9	22.3

Manual Integrations
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8/6/2018 5:06:05 PM



#26

2-Nitrophenol

Concen: 38.045 ng m

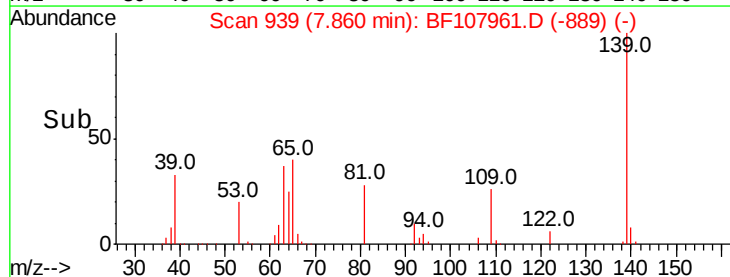
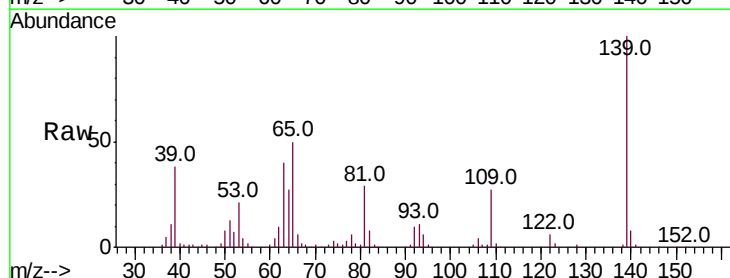
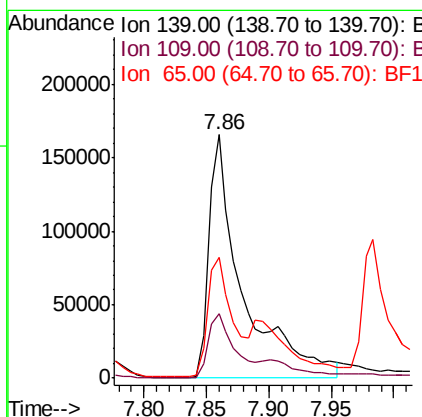
RT: 7.86 min Scan# 939

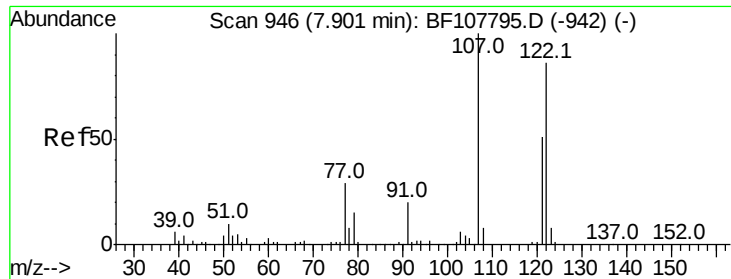
Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion:	139	Resp:	311125
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.7	34.1
65	49.7	40.5	60.7





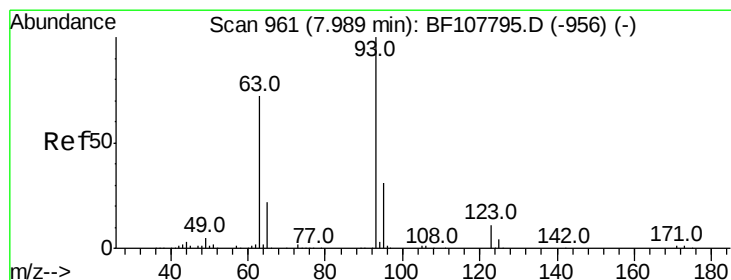
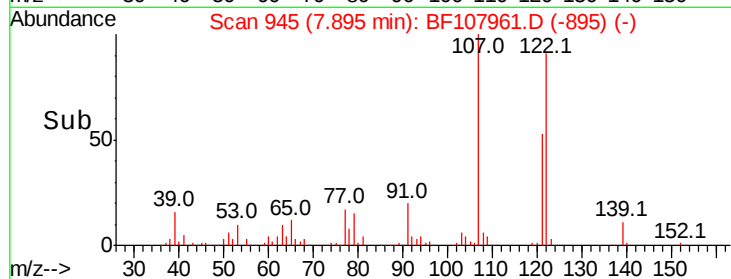
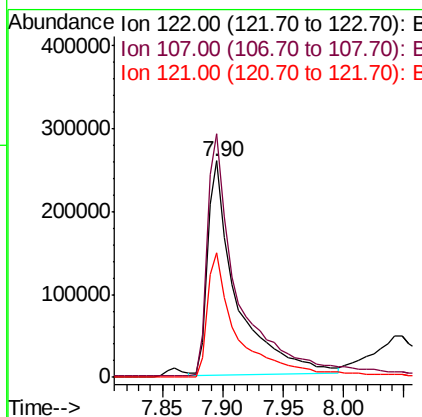
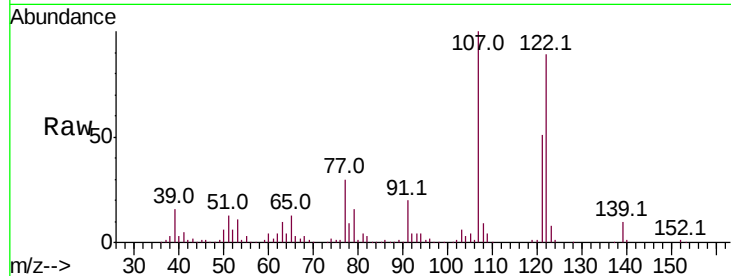
#27
2,4-Dimethylphenol
Concen: 39.174 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.2	136.8
121	57.7	47.2	70.8

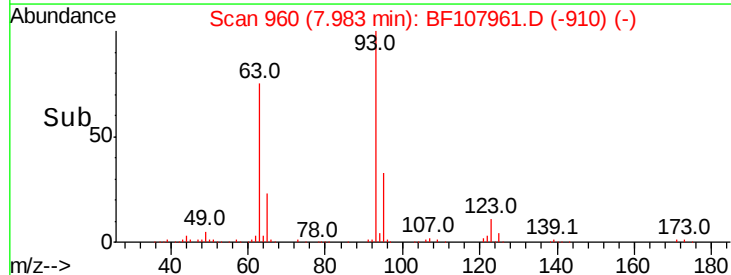
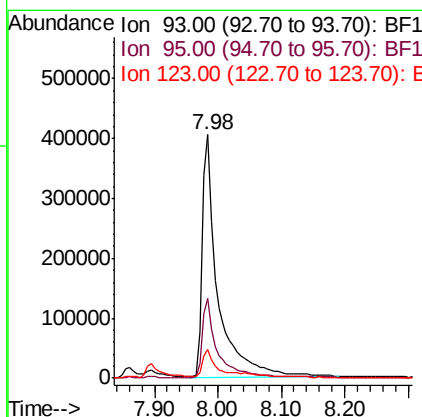
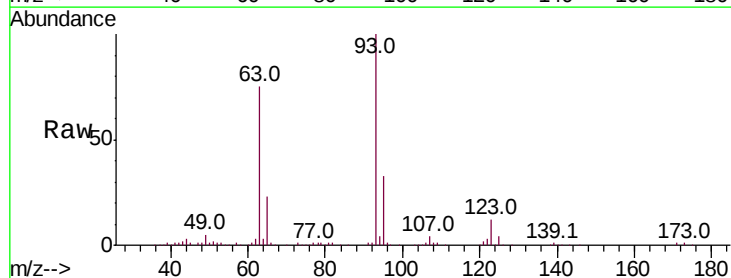
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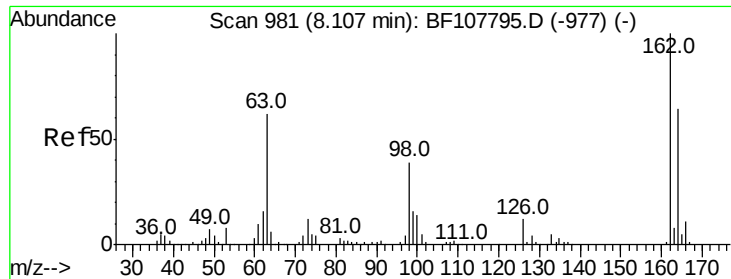
Sohil
8/6/2018 5:06:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.979 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.9	9.8	14.6





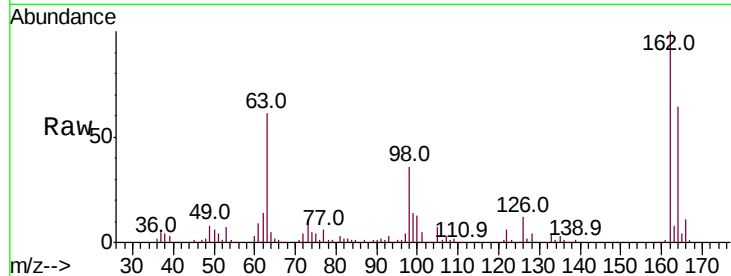
#29
2,4-Dichlorophenol
Concen: 39.951 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	494773		
164	64.5	42.7	82.7	
98	36.0	18.1	58.1	

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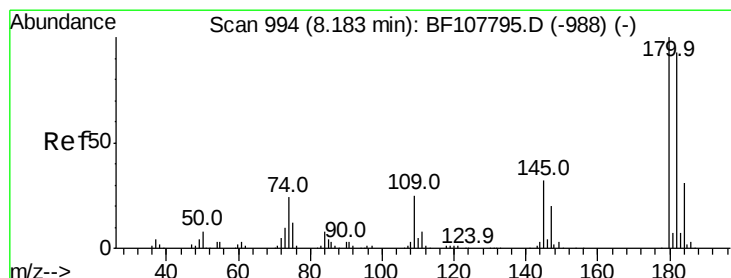
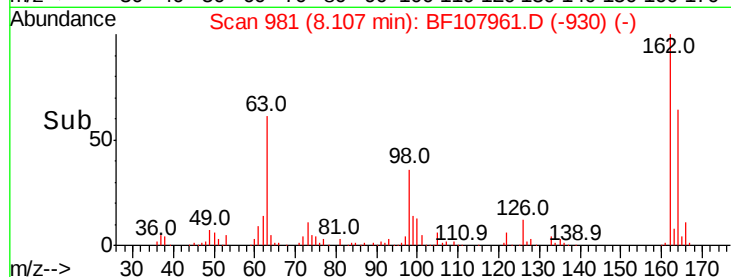
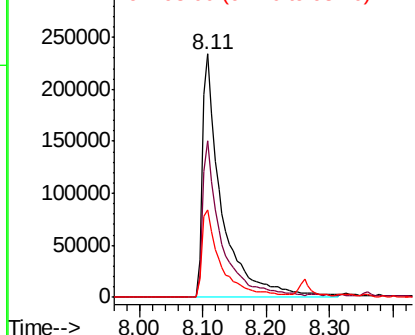


Abundance

Ion 162.00 (161.70 to 162.70): E

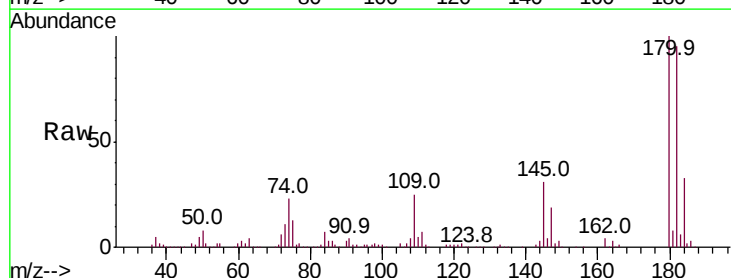
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.495 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	543877		
182	95.5	76.8	115.2	
145	31.3	26.5	39.7	

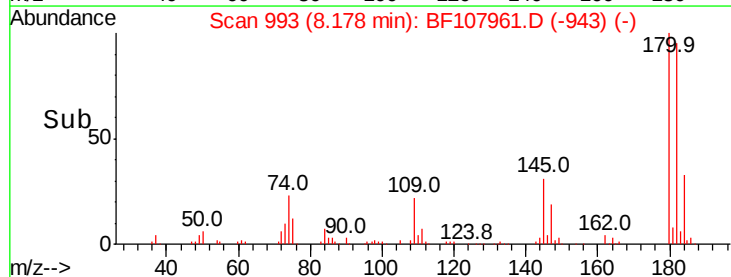
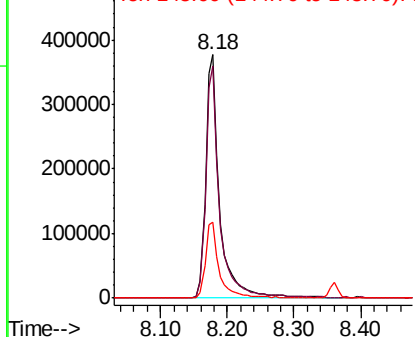


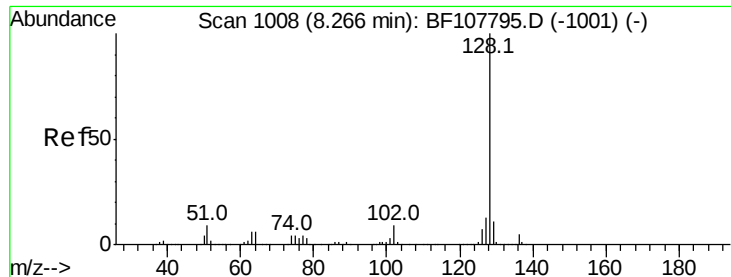
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





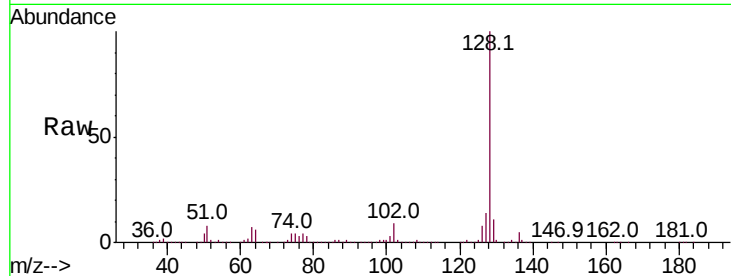
#31
Naphthalene
Concen: 38.416 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

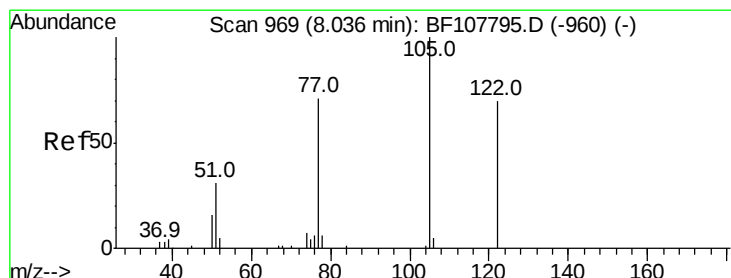
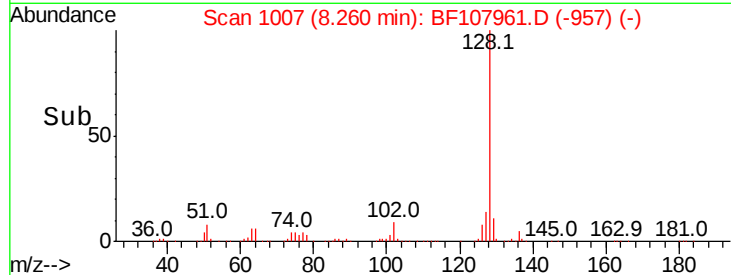
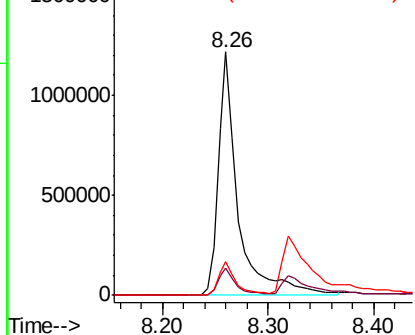
Tot Ion:128 Resp: 1598702
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3

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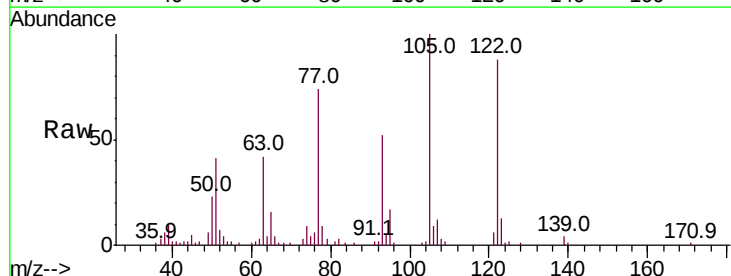


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

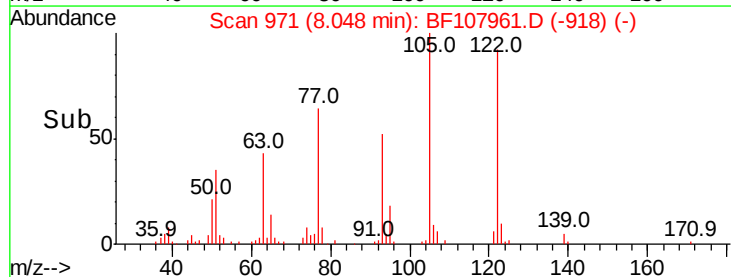
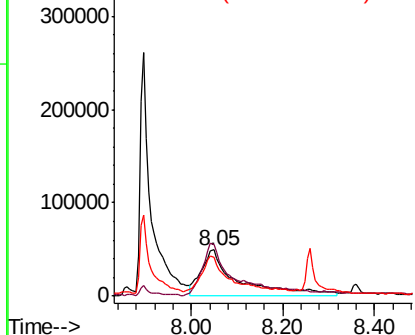


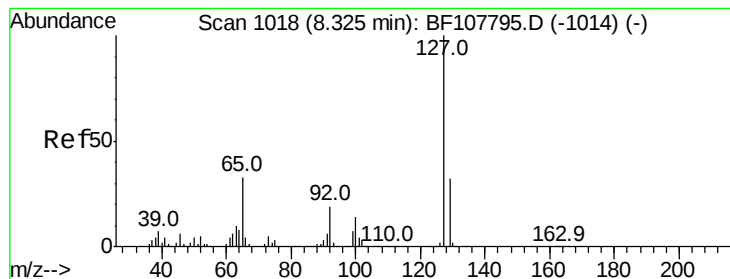
#32
Benzoic acid
Concen: 38.387 ng m
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:122 Resp: 282117
Ion Ratio Lower Upper
122 100
105 113.0 101.1 141.1
77 83.4 70.7 110.7



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





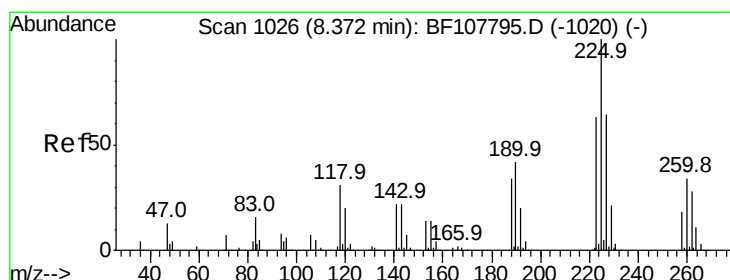
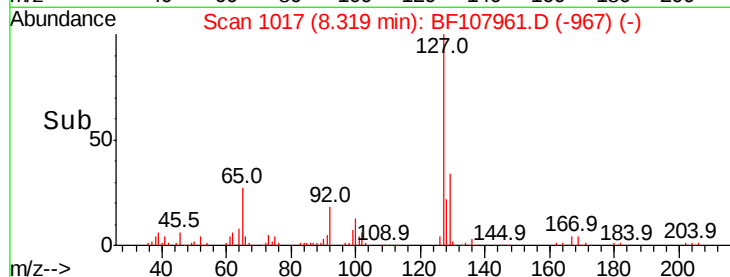
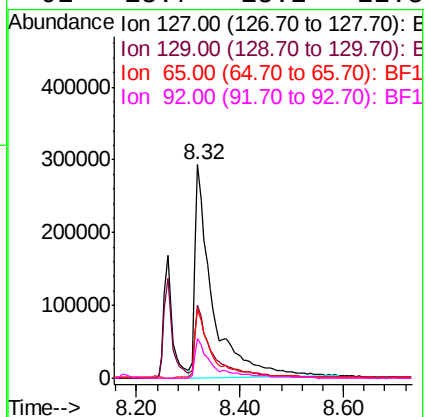
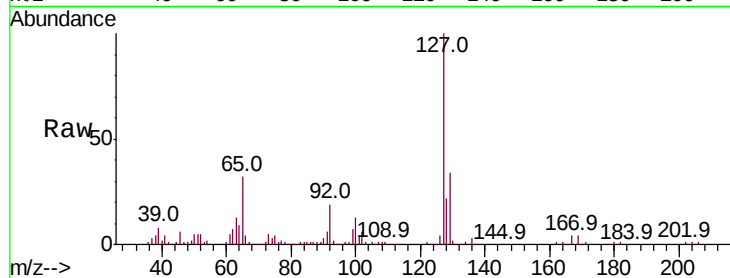
#33
4-Chloroaniline
Concen: 38.471 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		683860		
129	34.1	25.9	38.9		
65	32.5	25.0	37.4		
92	18.7	15.2	22.8		

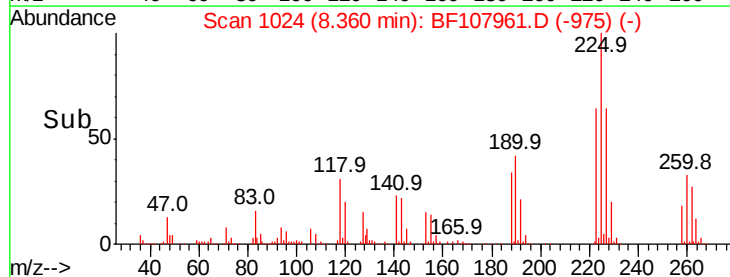
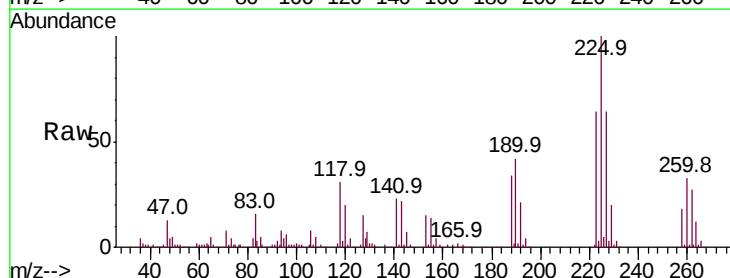
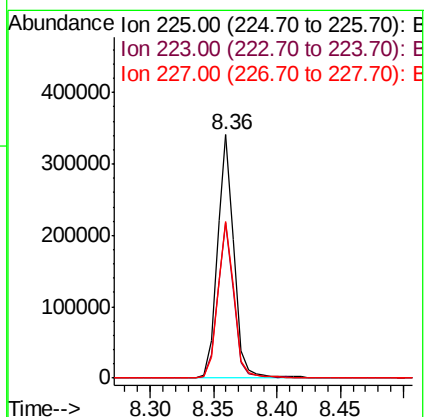
Manual Integrations
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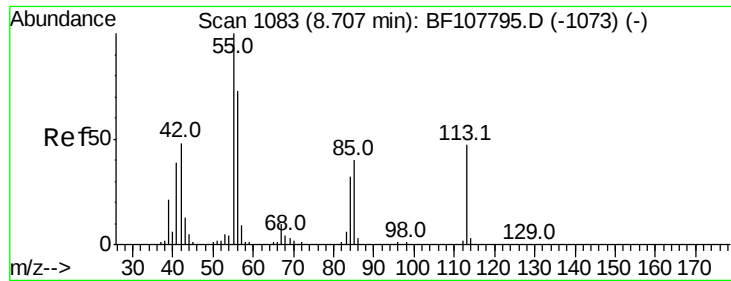
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#34
Hexachlorobutadiene
Concen: 35.837 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		312888		
223	64.0	50.6	76.0		
227	64.1	51.9	77.9		





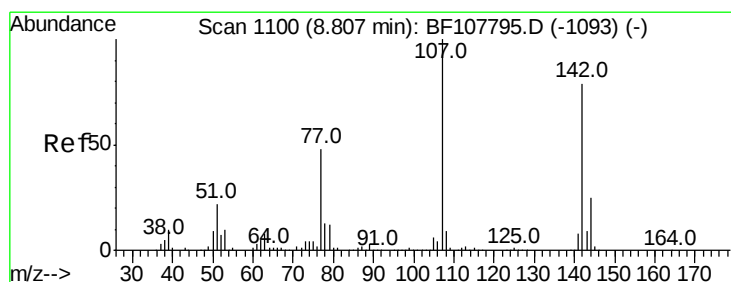
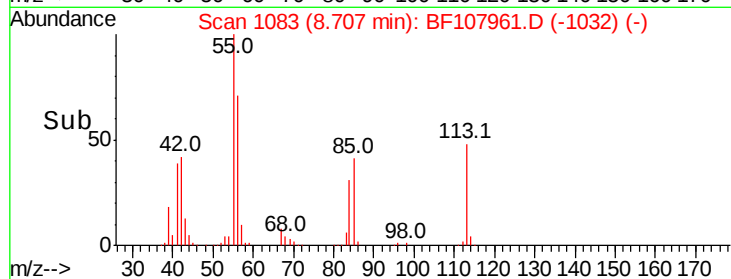
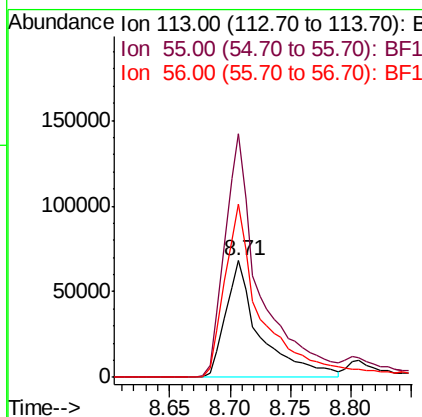
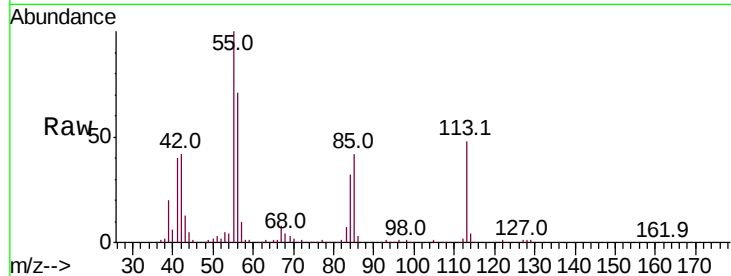
#35
Caprolactam
Concen: 36.339 ng
RT: 8.71 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	209.2	135481	163.3	203.3#
56	149.0		115.7	155.7

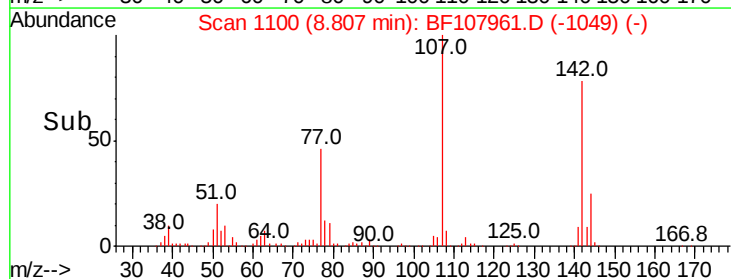
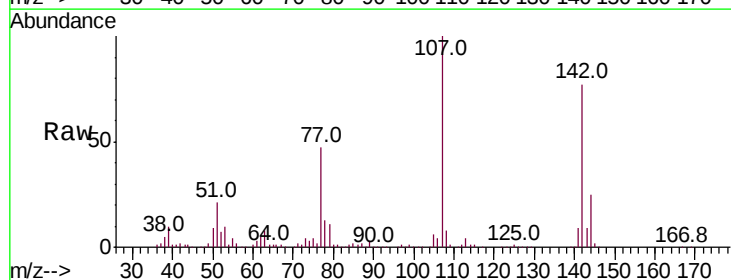
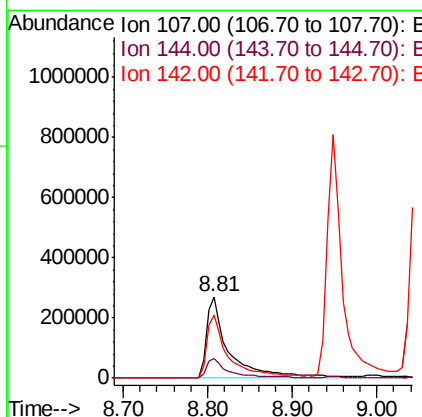
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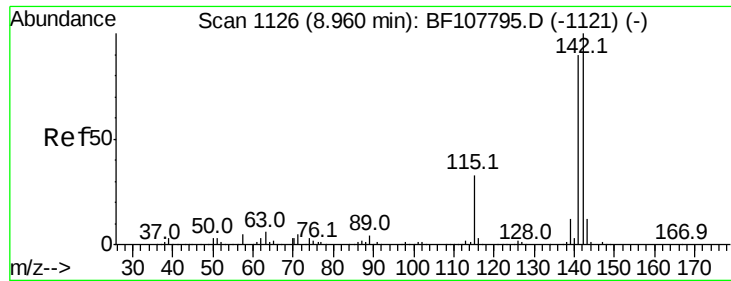
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#36
4-Chloro-3-methylphenol
Concen: 36.935 ng
RT: 8.81 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	496786		
144	24.9		20.5	30.7
142	77.4		62.0	93.0





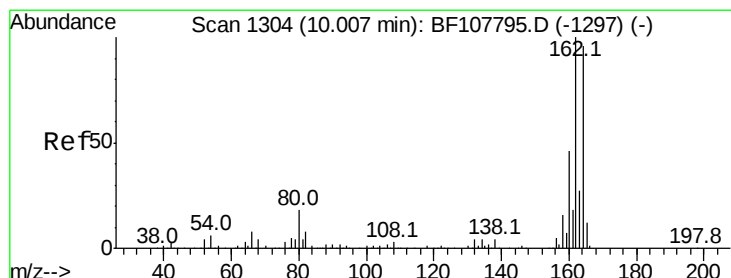
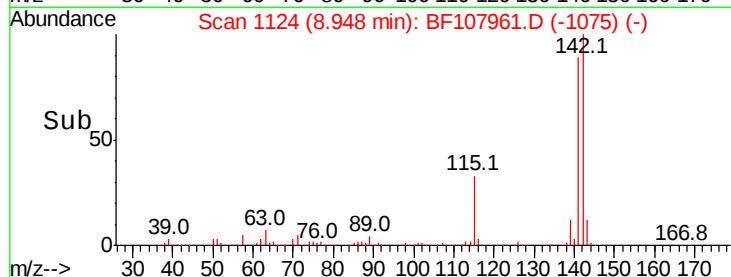
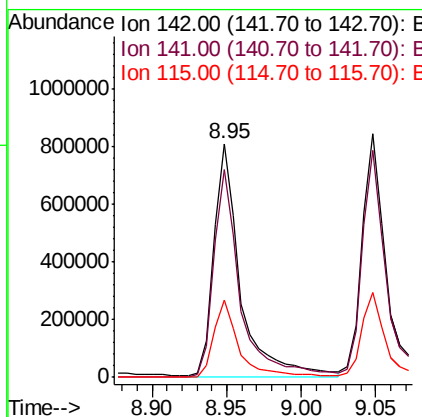
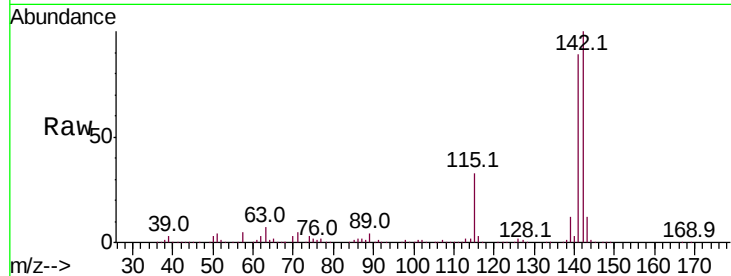
#37
2-Methylnaphthalene
Concen: 38.332 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	33.2	26.1	39.1

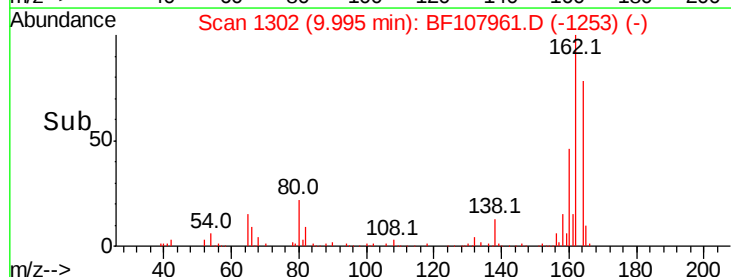
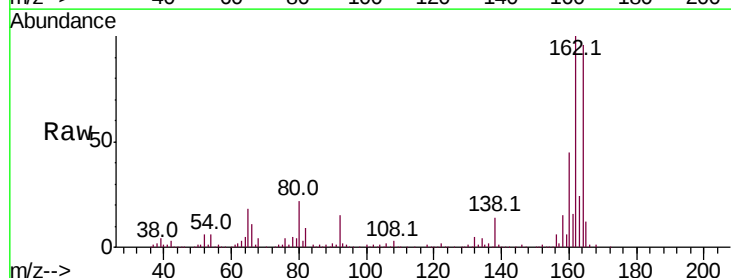
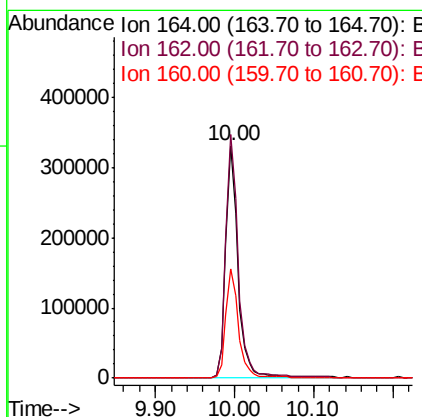
Manual Integrations
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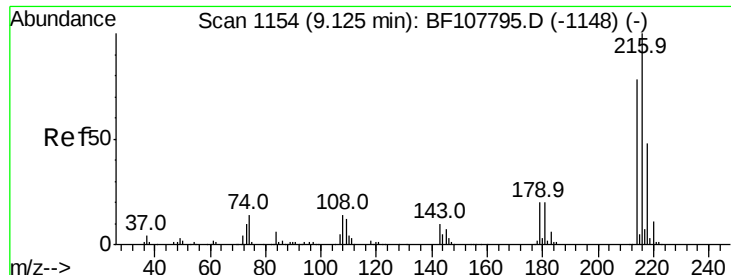
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.1	38.3	57.5





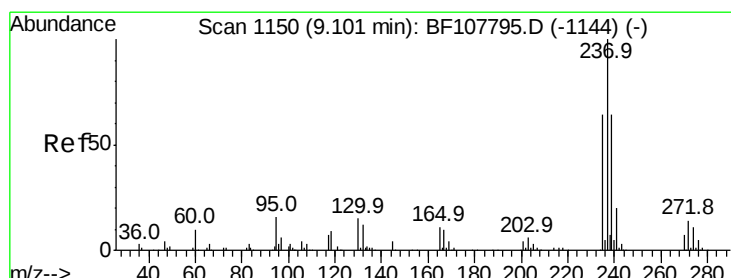
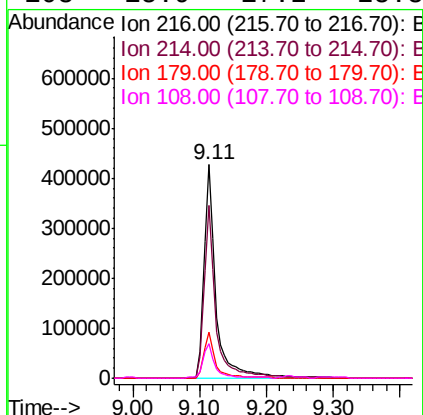
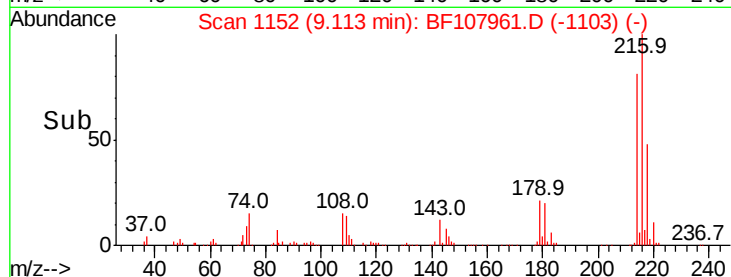
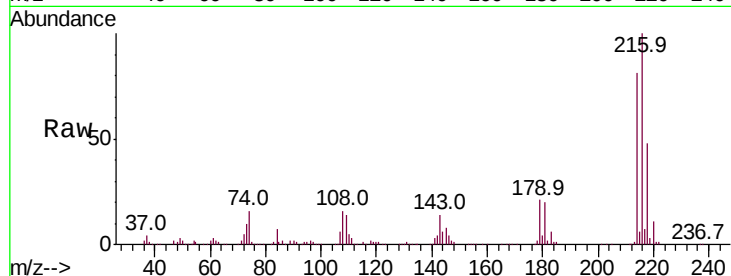
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.586 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.8	18.1	27.1
108	15.9	17.2	25.8

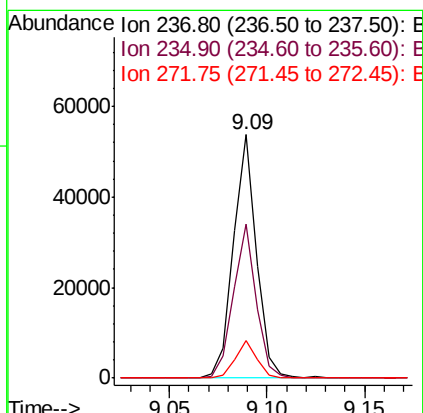
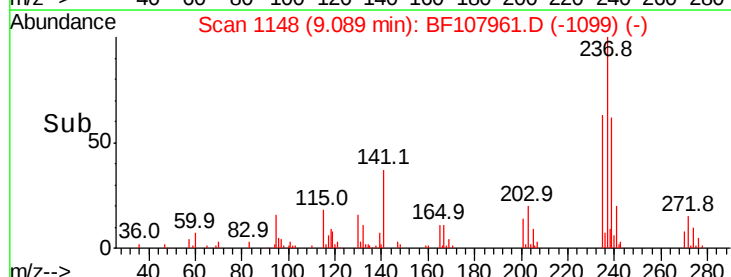
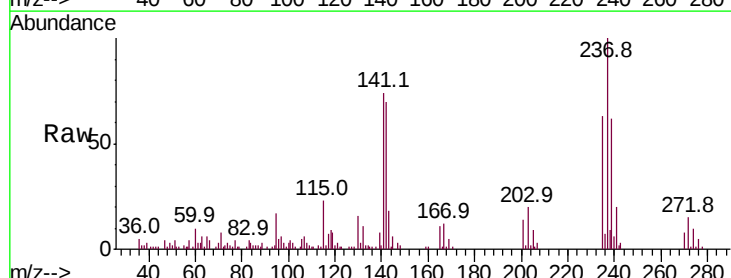
Manual Integrations
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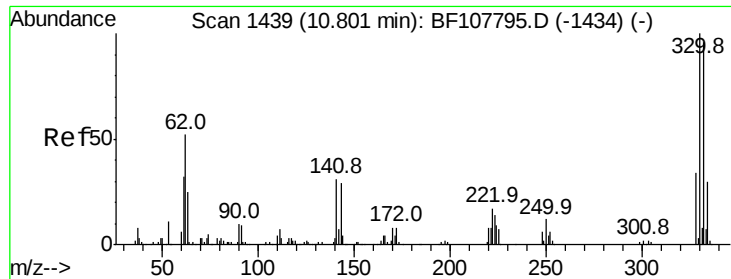
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#40
 Hexachlorocyclopentadiene
 Concen: 14.897 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	44.8	84.8
272	15.2	0.0	33.3





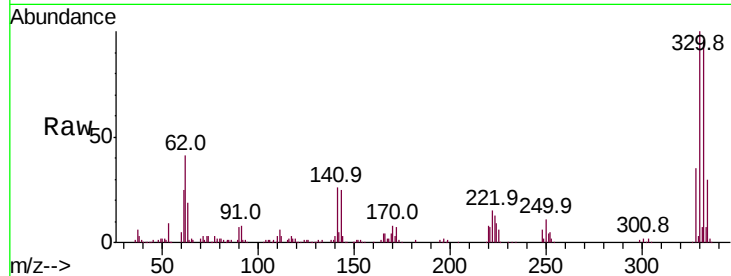
#41
 2,4,6-Tribromophenol
 Concen: 68.702 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	27.0	29.9	44.9	

Manual Integrations
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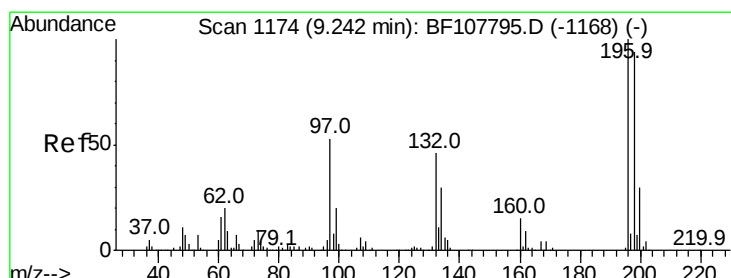
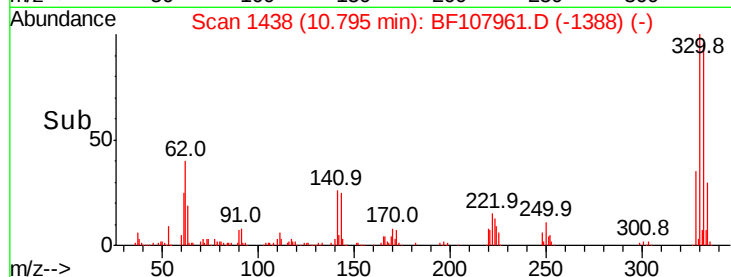
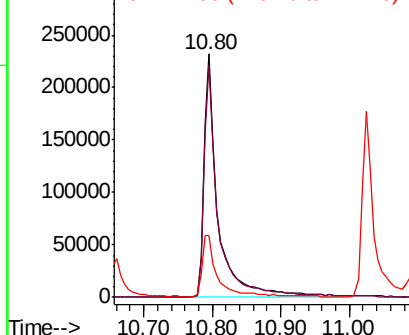


Abundance

Ion 329.80 (329.50 to 330.50): E

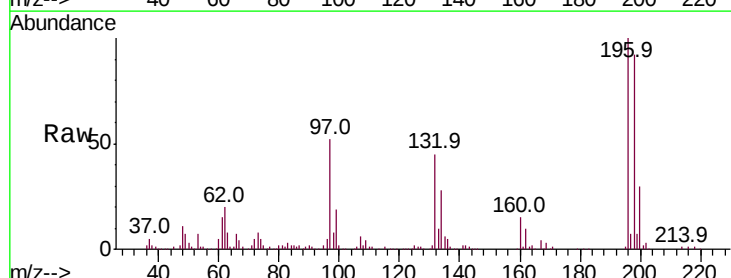
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.599 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.3	75.7	113.5	
200	30.3	24.5	36.7	

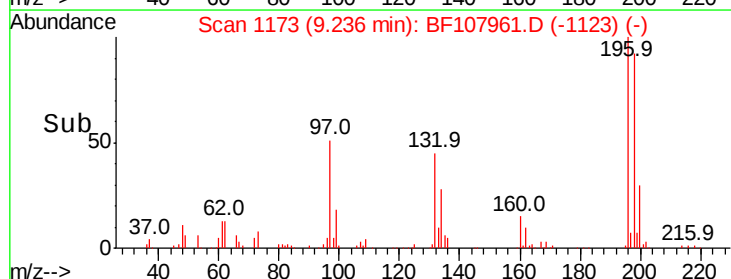
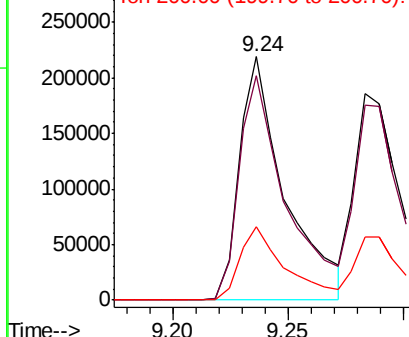


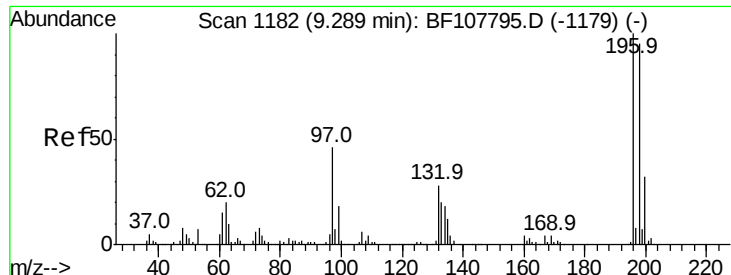
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





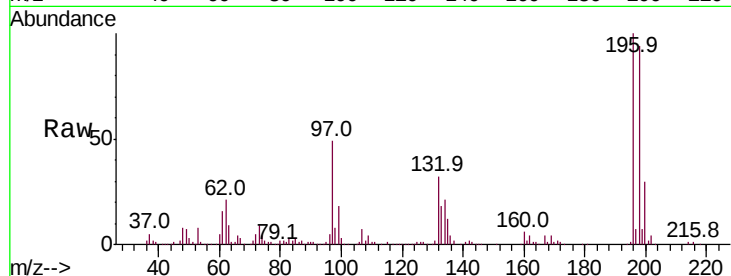
#43
 2,4,5-Trichlorophenol
 Concen: 38.256 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	316503		
198	94.3	74.6	112.0	
97	48.6	42.9	64.3	
132	31.8	26.3	39.5	

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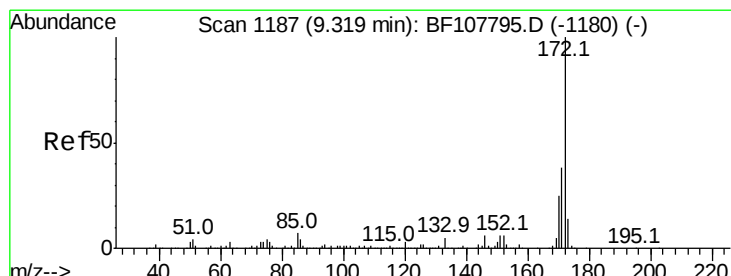
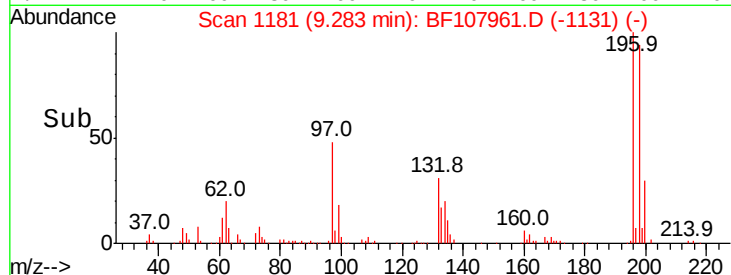
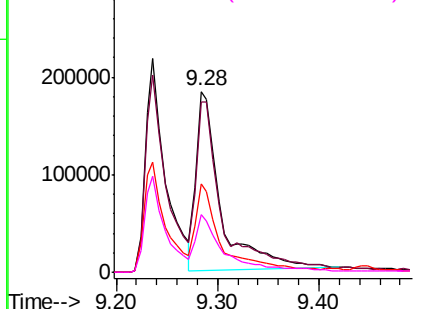
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.995 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

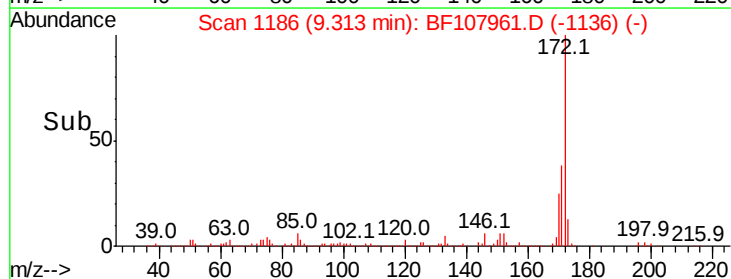
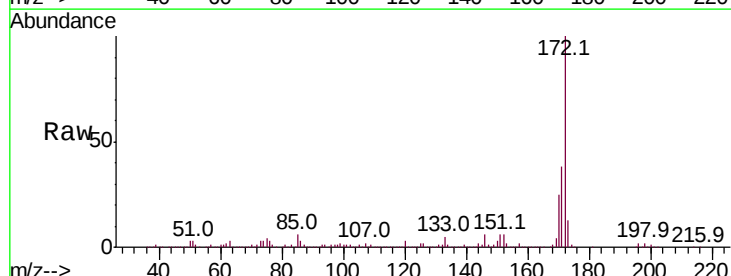
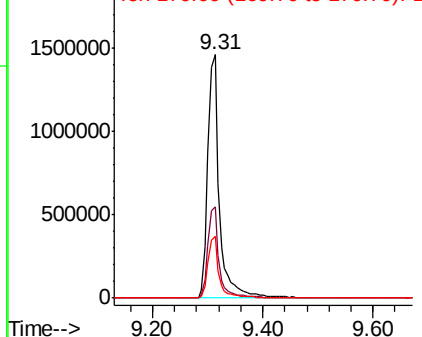
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2119198		
171	37.7	29.7	44.5	
170	25.3	19.6	29.4	

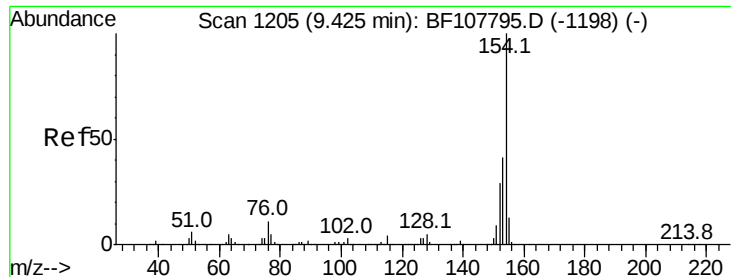
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.145 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:154 Resp: 1365225

Ion Ratio Lower Upper

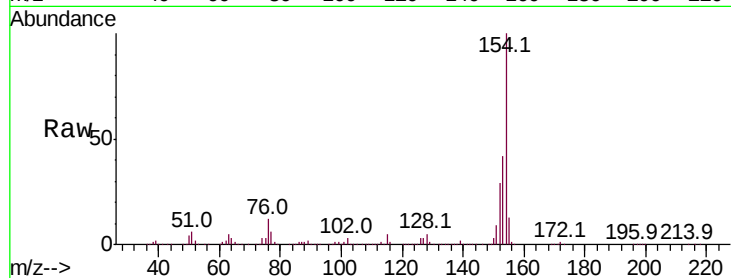
154 100

153 41.7 21.3 61.3

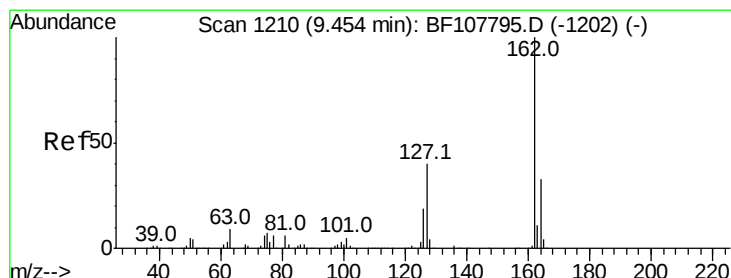
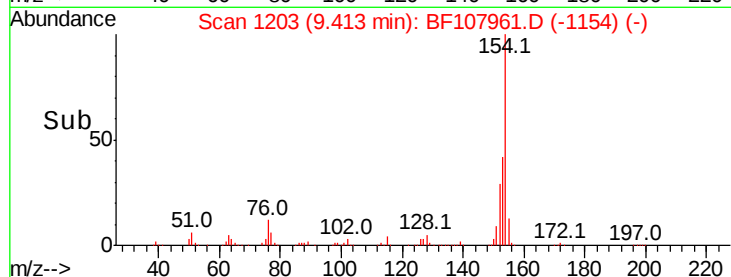
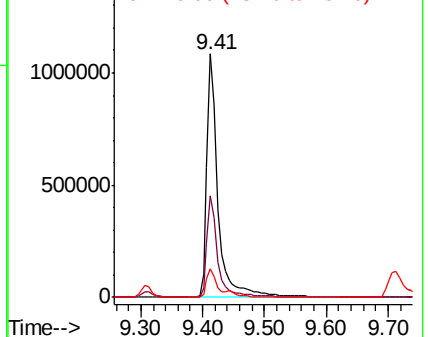
76 12.0 0.0 34.0

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



#46

2-Chloronaphthalene

Concen: 40.981 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

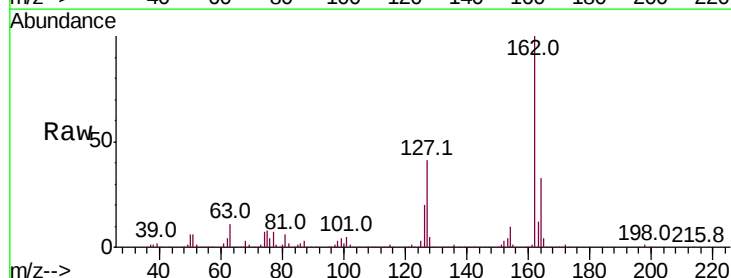
Tgt Ion:162 Resp: 1025404

Ion Ratio Lower Upper

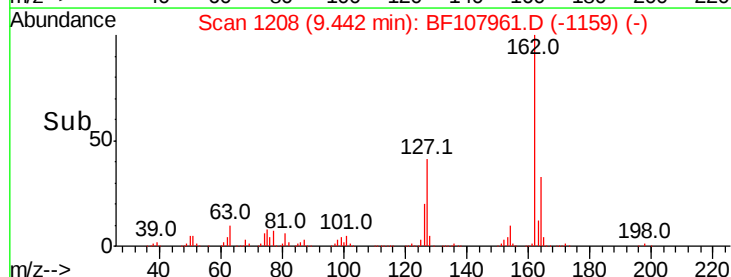
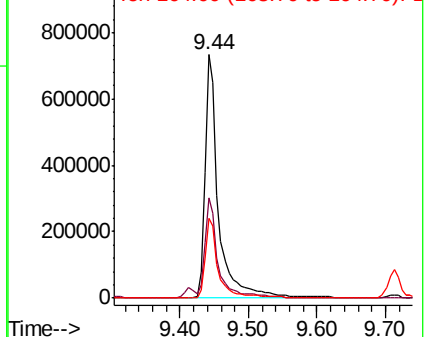
162 100

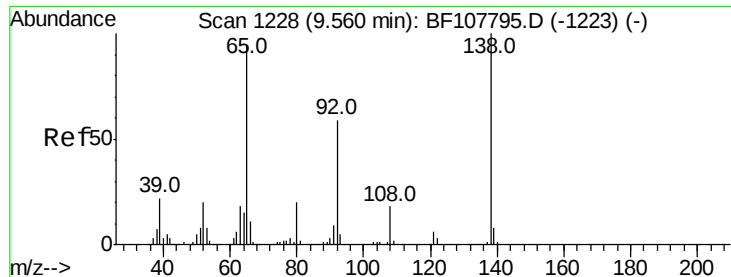
127 41.4 33.9 50.9

164 32.8 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





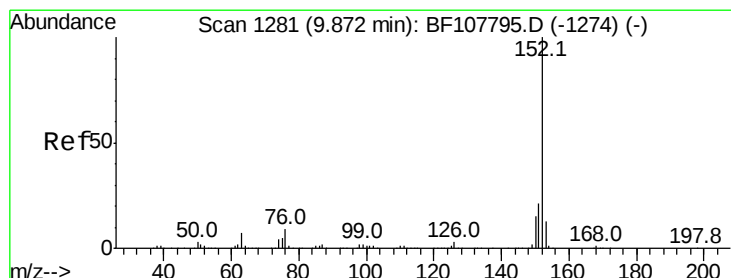
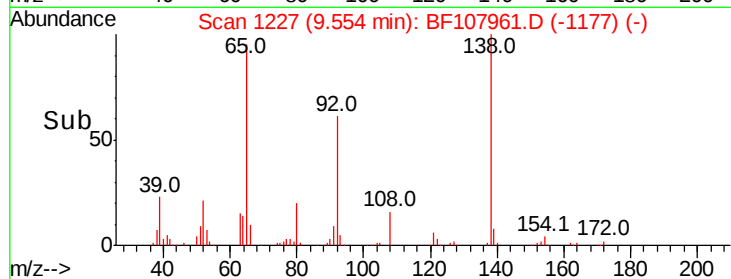
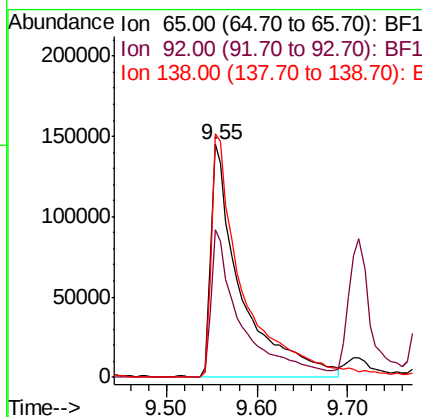
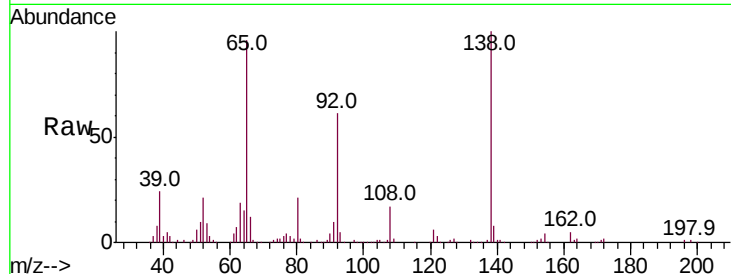
#47
2-Nitroaniline
Concen: 40.873 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.6	55.8	83.6
138	104.4	91.2	136.8

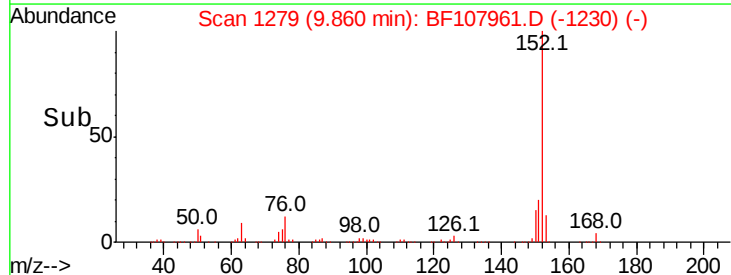
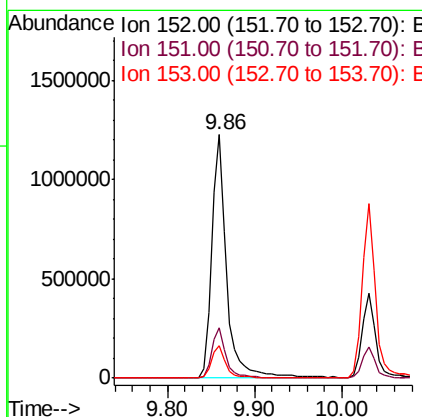
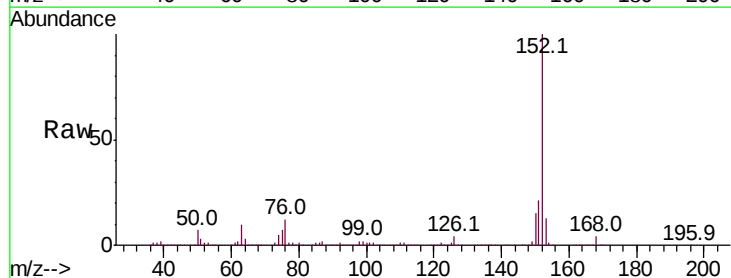
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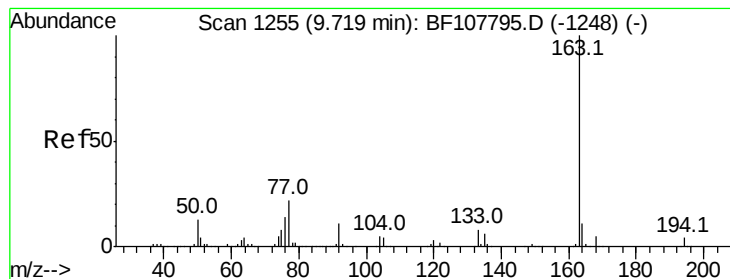
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#48
Acenaphthylene
Concen: 37.293 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.1	10.7	16.1





#49

Dimethylphthalate

Concen: 39.686 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:163 Resp: 1086661

Ion Ratio Lower Upper

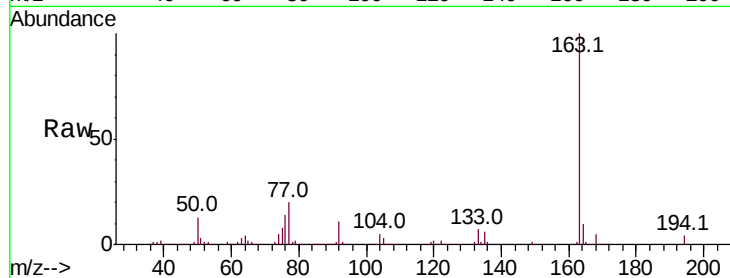
163 100

194 3.8 2.7 4.1

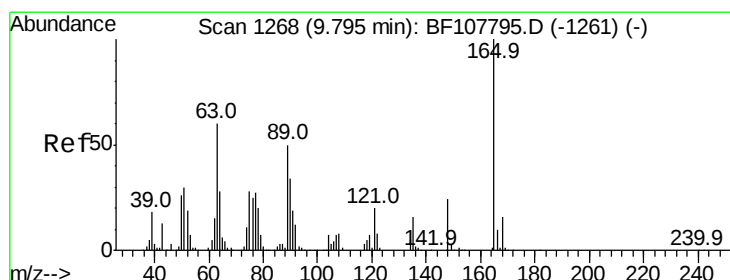
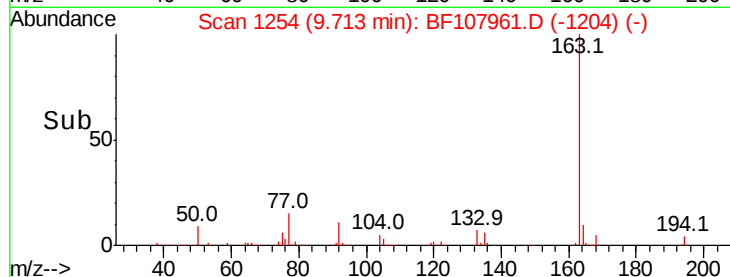
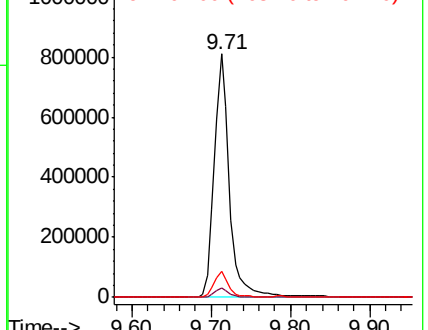
164 10.5 8.2 12.2

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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: 39.927 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

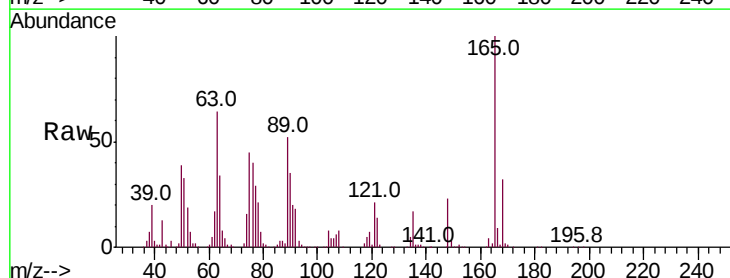
Tgt Ion:165 Resp: 237590

Ion Ratio Lower Upper

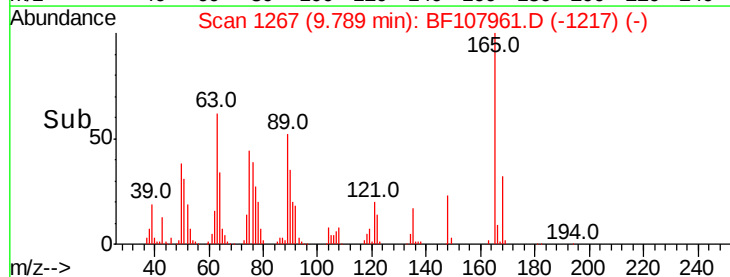
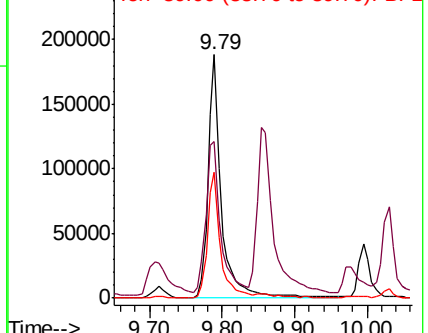
165 100

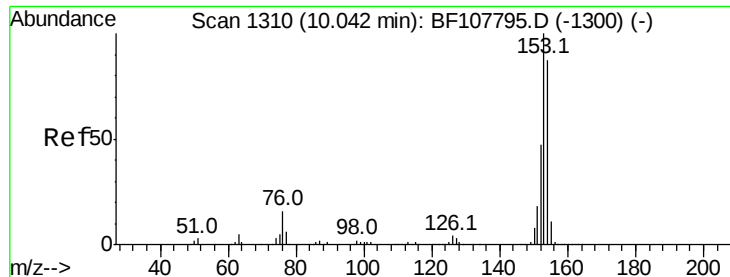
63 64.2 44.7 67.1

89 51.5 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: 37.941 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

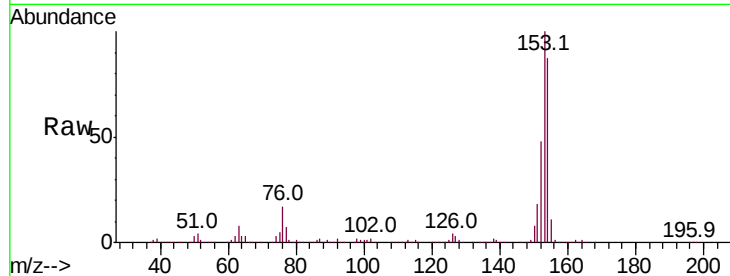
ClientSampleId :

SSTDCCC040

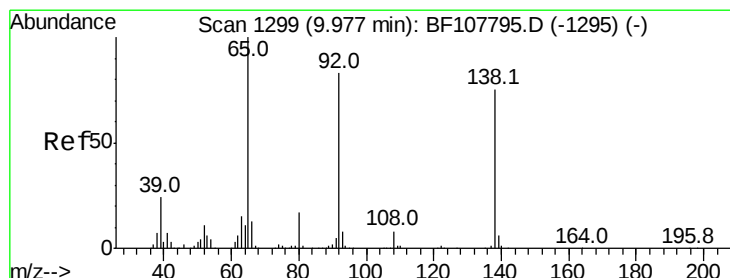
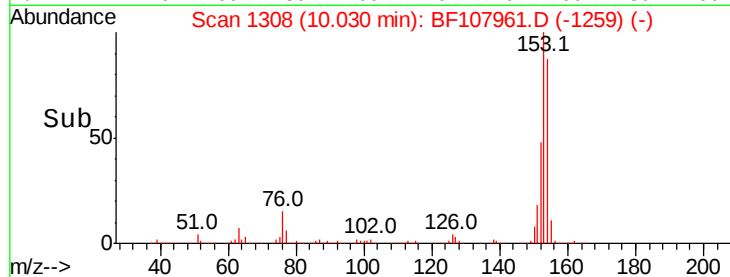
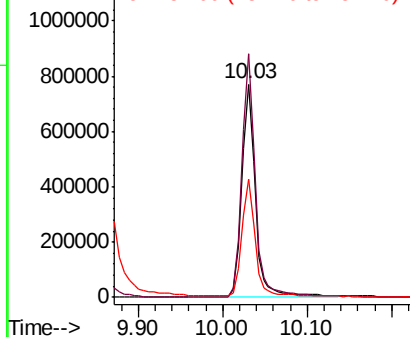
Tot Ion:	154	Resp:	854949
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	55.3	43.8	65.8

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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: 37.262 ng

RT: 9.98 min Scan# 1299

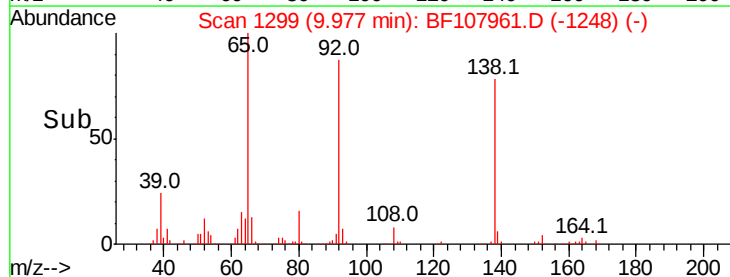
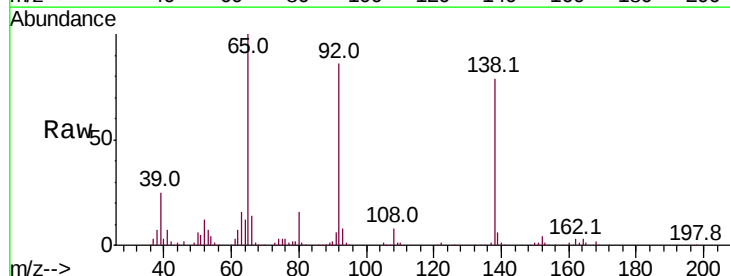
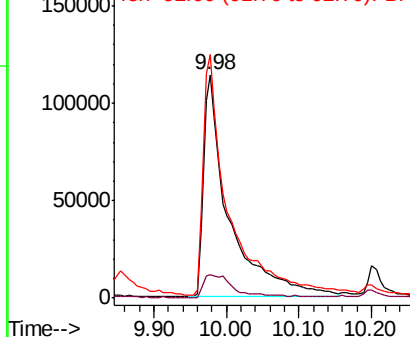
Delta R.T. 0.00 min

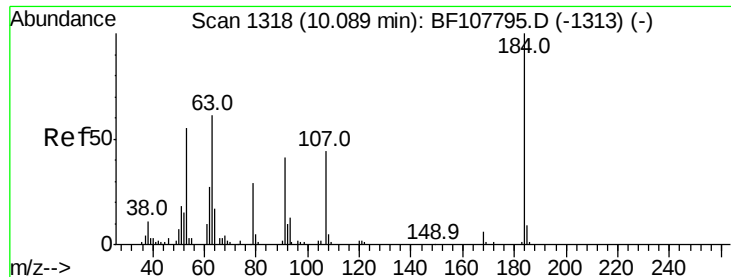
Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion:	138	Resp:	279405
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	108.8	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





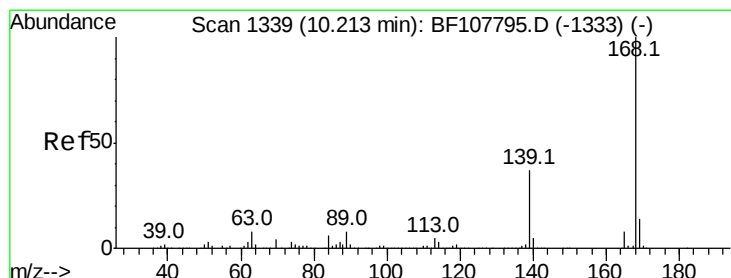
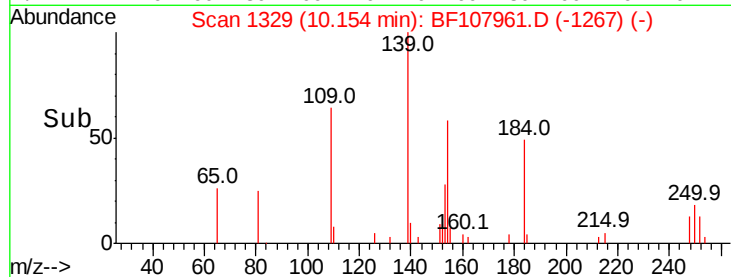
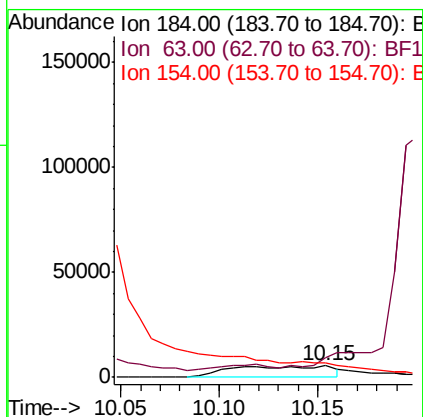
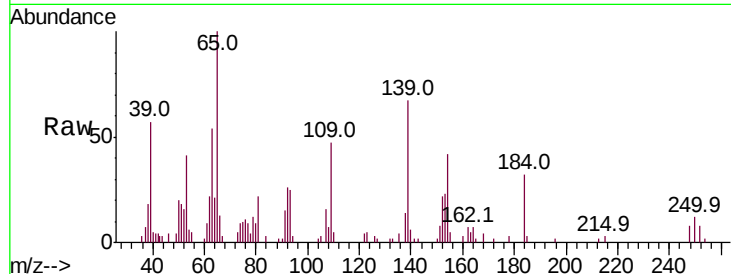
#53
2,4-Dinitrophenol
Concen: 13.824 ng/mL
RT: 10.15 min Scan# 1329
Delta R.T. 0.06 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 18875
Ion Ratio Lower Upper
184 100
63 170.9 54.2 81.2#
154 131.4 184.0 276.0#

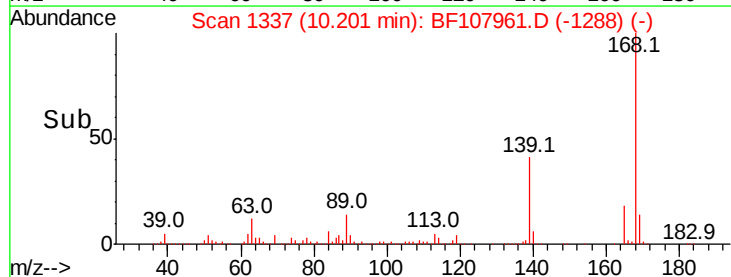
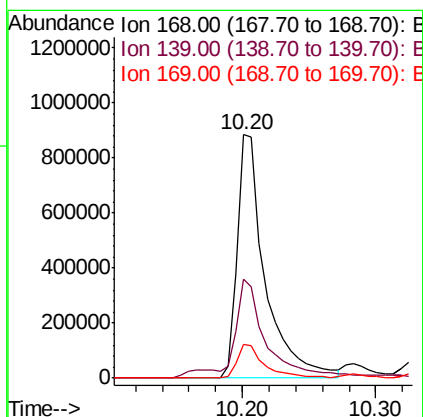
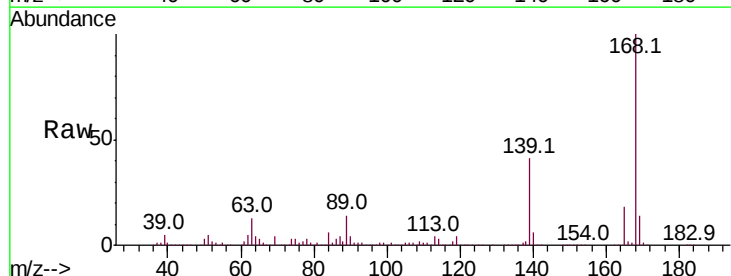
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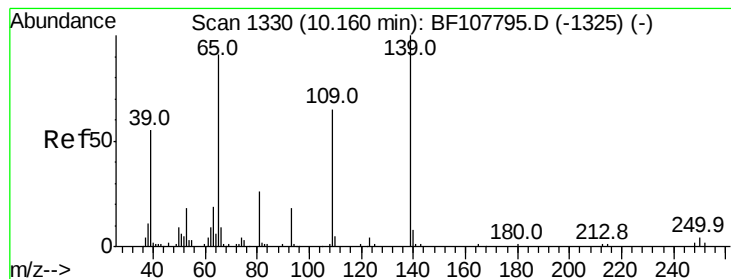
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#54
Dibenzofuran
Concen: 36.969 ng/mL
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:168 Resp: 1287581
Ion Ratio Lower Upper
168 100
139 40.6 30.1 45.1
169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 23.099 ng/mL

RT: 10.18 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

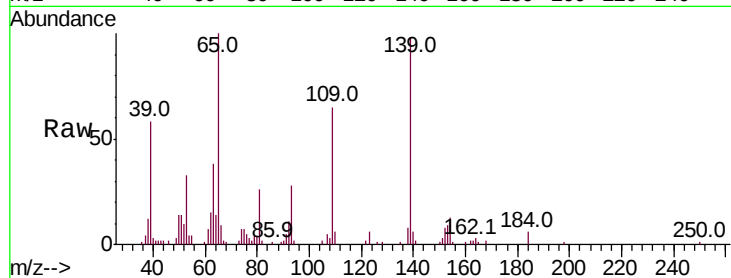
ClientSampleID :

SSTDCCC040

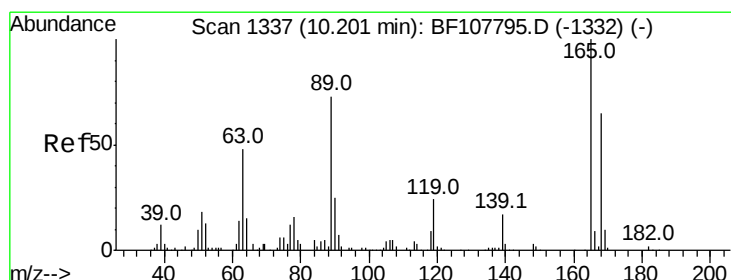
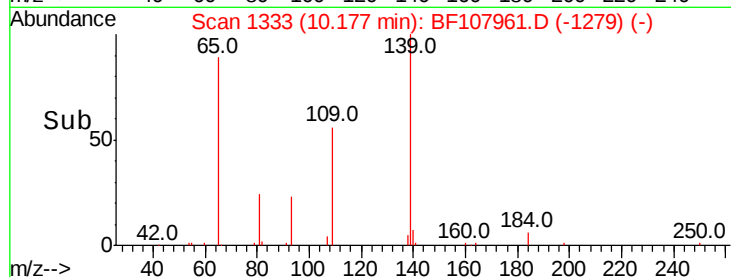
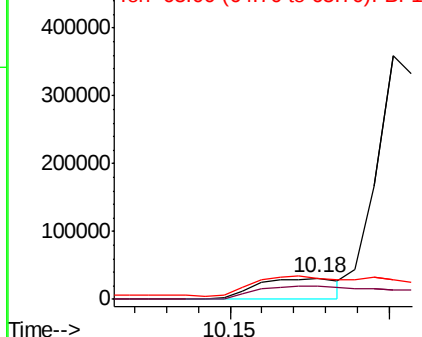
Tot Ion:	139	Resp:	55064
Ion Ratio	Lower	Upper	
139	100		
109	65.9	48.4	88.4
65	102.1	72.6	112.6

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



#56

2,4-Dinitrotoluene

Concen: 35.266 ng/mL

RT: 10.20 min Scan# 1336

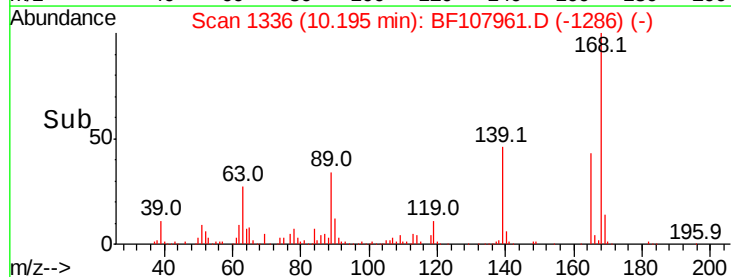
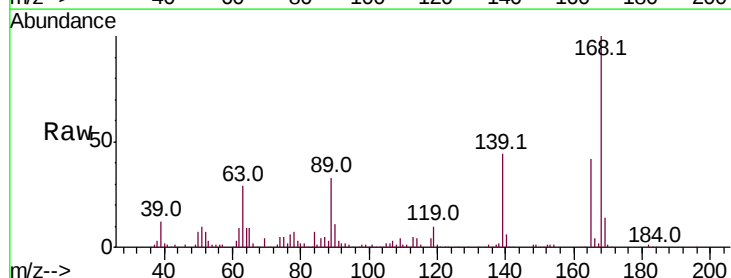
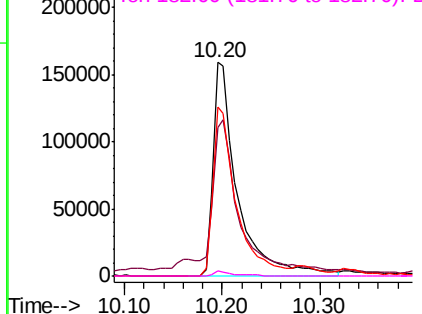
Delta R.T. -0.01 min

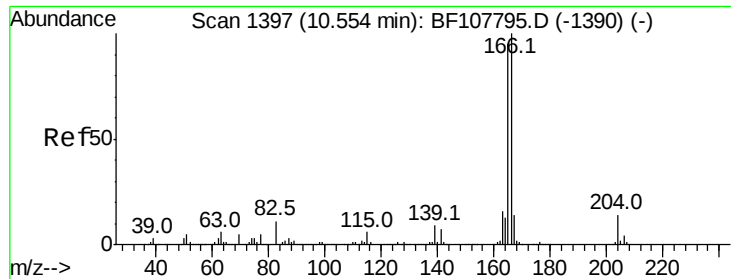
Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion:	165	Resp:	275817
Ion Ratio	Lower	Upper	
165	100		
63	69.4	36.4	54.6#
89	79.2	57.8	86.6
182	2.5	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: 35.307 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 955670

Ion Ratio Lower Upper

166 100

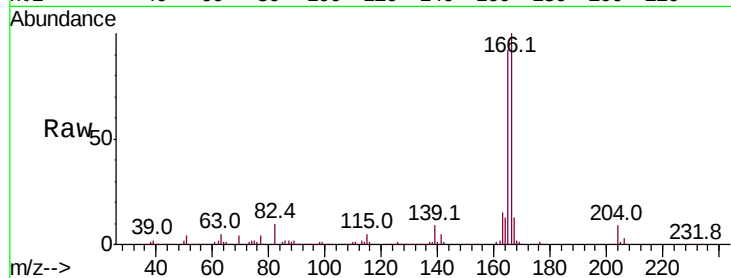
165 92.5 79.8 119.8

167 13.4 10.6 16.0

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8/6/2018 5:06:05 PM

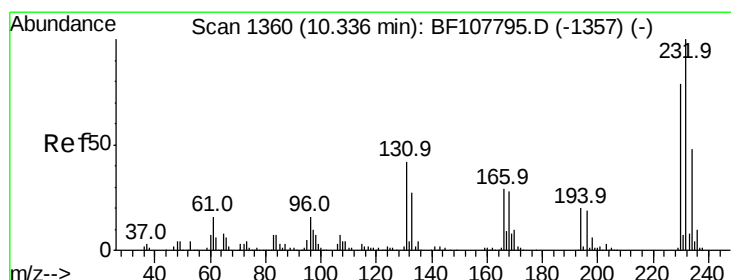
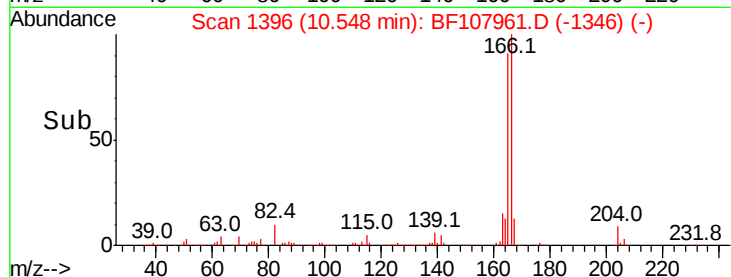
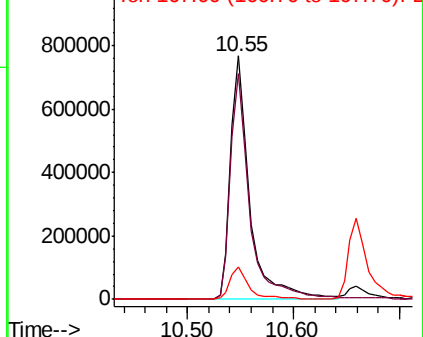


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.675 ng

RT: 10.32 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion:232 Resp: 248295

Ion Ratio Lower Upper

232 100

131 51.8 43.8 65.8

130 2.1 2.1 3.1

166 32.4 27.8 41.6

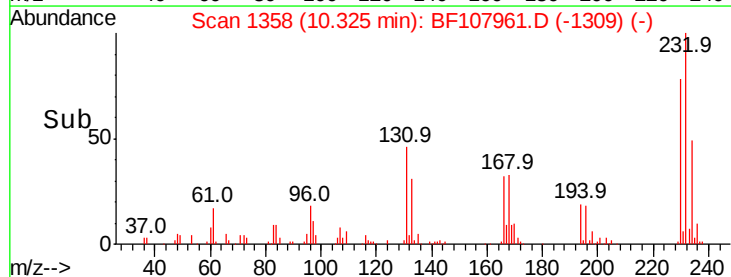
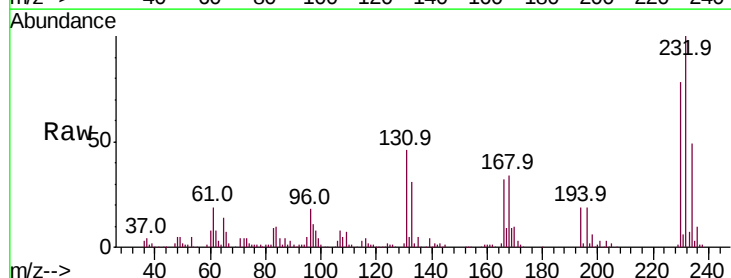
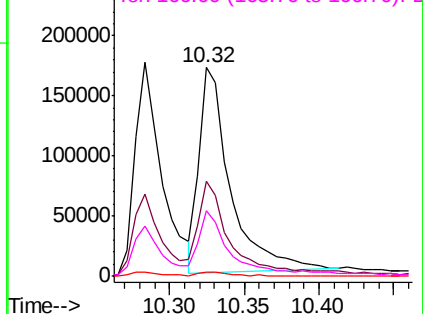
Abundance

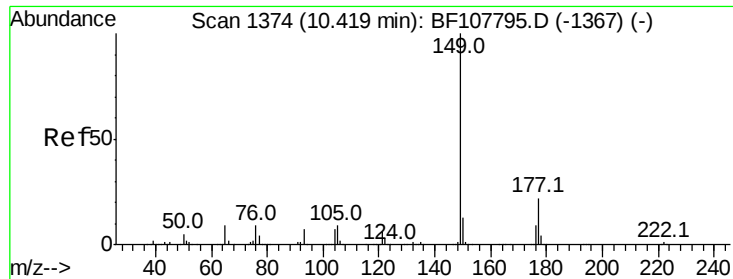
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





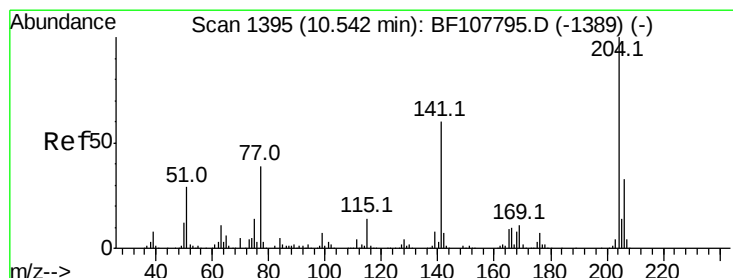
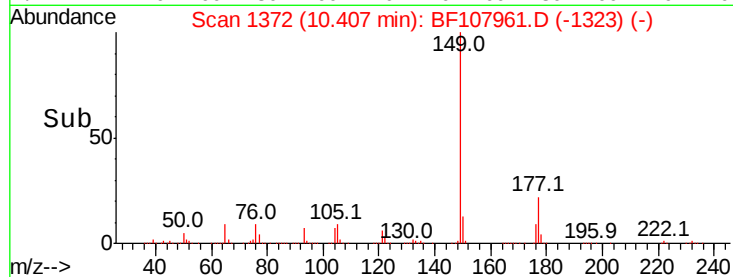
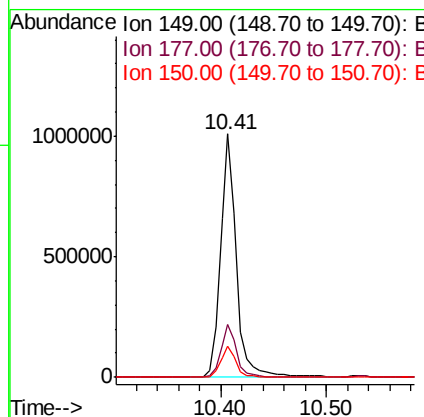
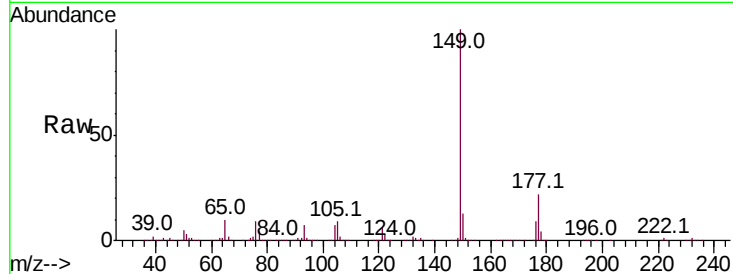
#59
Diethylphthalate
Concen: 36.487 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:	149	Resp:	1074180
Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.6	10.1	15.1

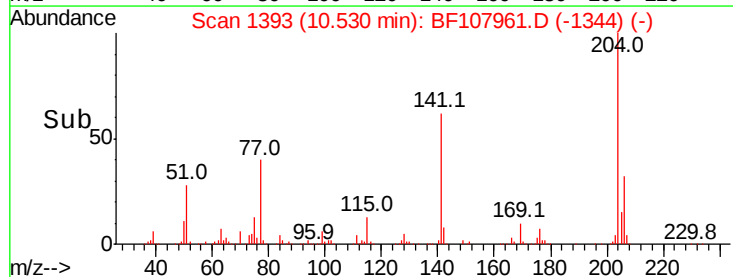
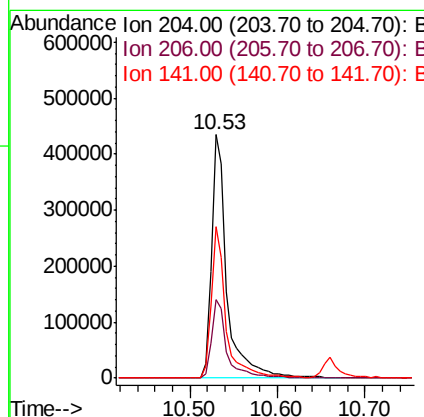
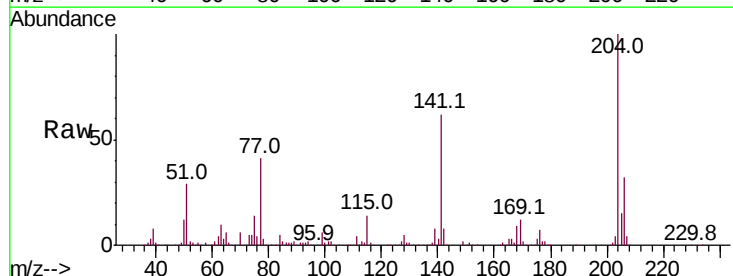
Manual Integrations
APPROVED

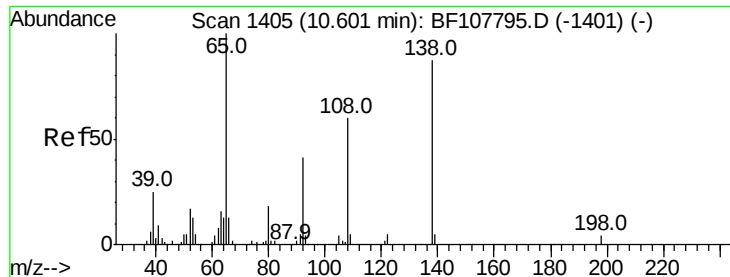
Sohil
8/6/2018 5:06:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.023 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:	204	Resp:	531160
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	62.2	54.6	81.8





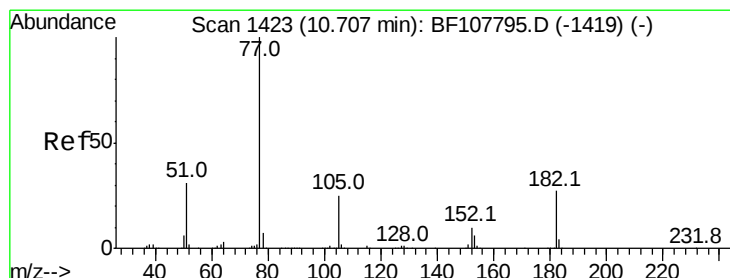
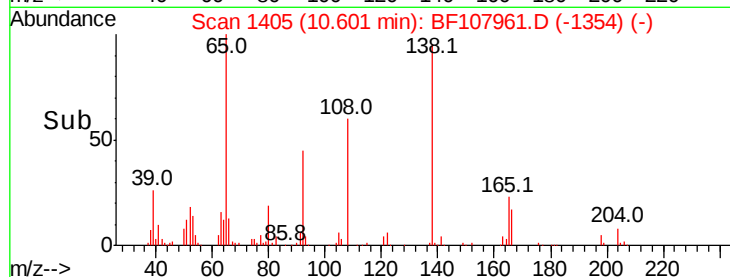
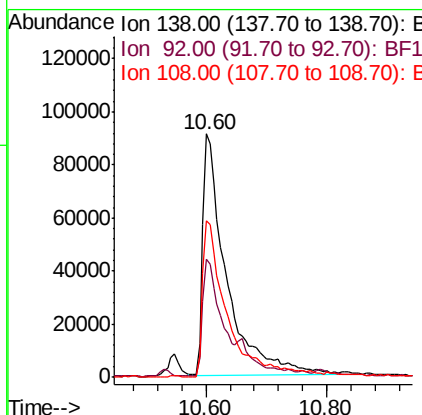
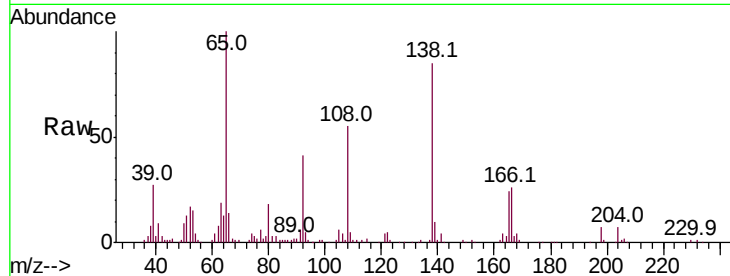
#61
4-Nitroaniline
Concen: 37.351 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	248550		
92	48.3	30.2	70.2	
108	64.2	52.5	92.5	

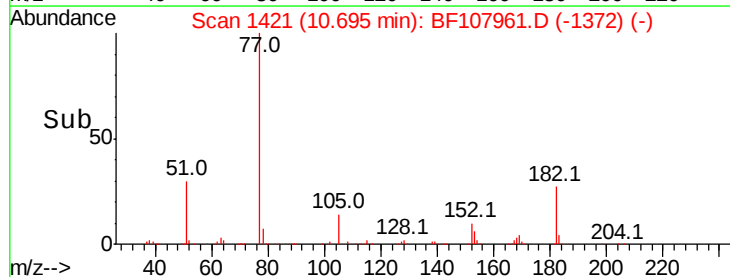
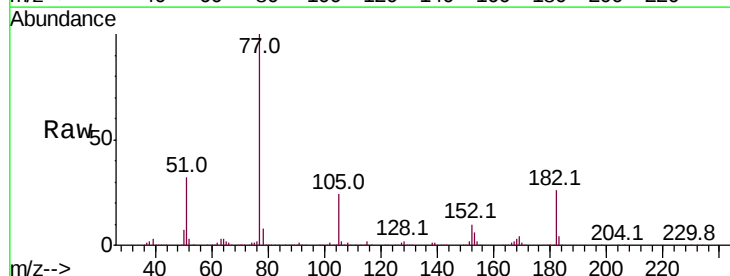
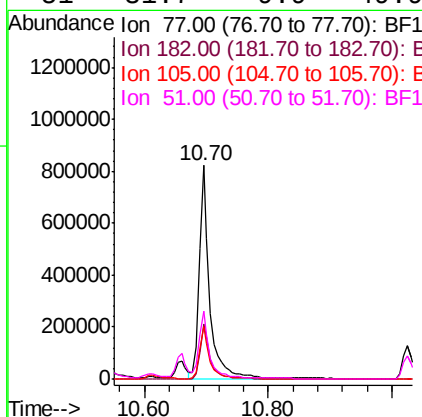
Manual Integrations
APPROVED

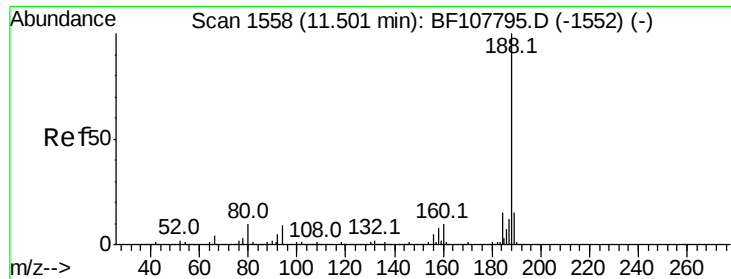
Sohil
8/6/2018 5:06:05 PM



#62
Azobenzene
Concen: 35.832 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	982454		
182	25.9	1.7	41.7	
105	24.4	3.0	43.0	
51	31.7	9.9	49.9	





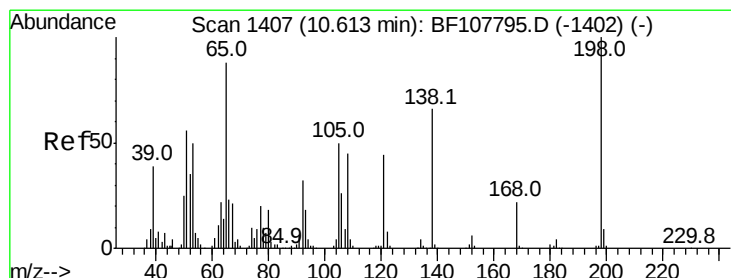
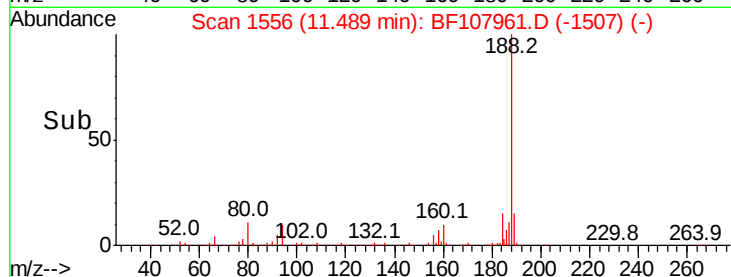
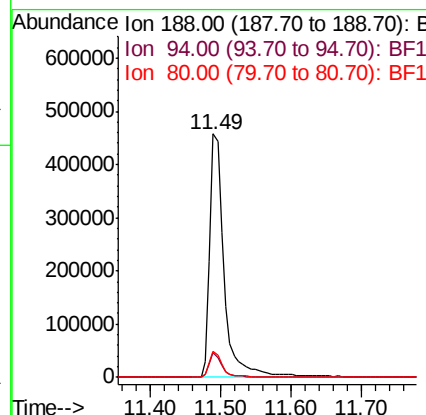
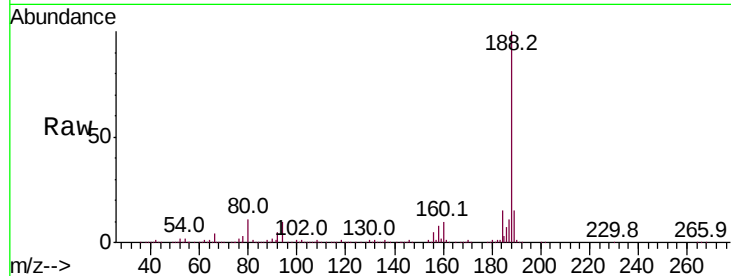
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	655217		
94	10.0		8.5	12.7
80	10.9		9.2	13.8

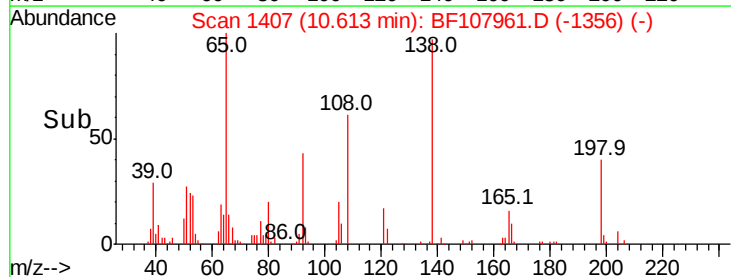
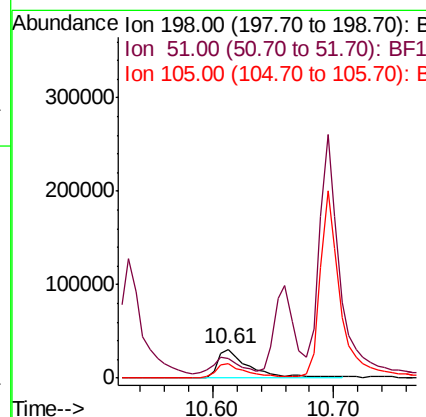
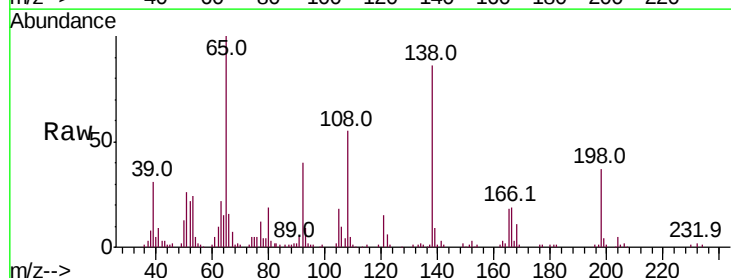
Manual Integrations
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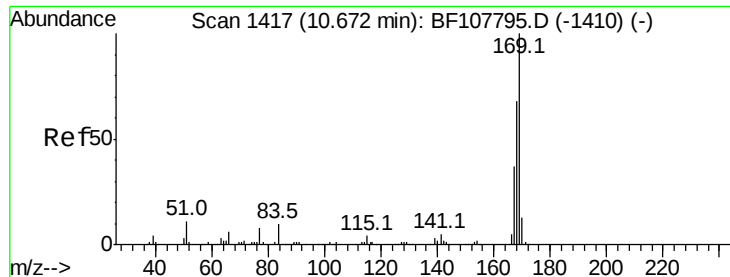
Sohil
8/6/2018 5:06:05 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 15.728 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56065		
51	69.3		37.7	77.7
105	49.8		36.3	76.3





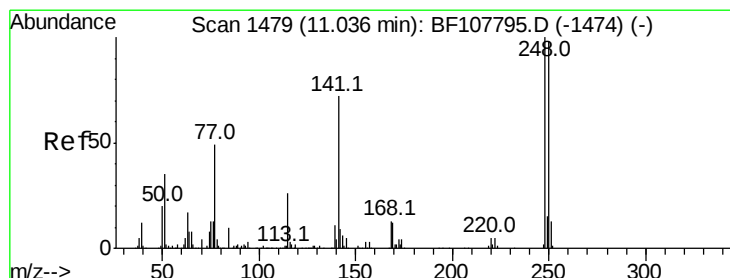
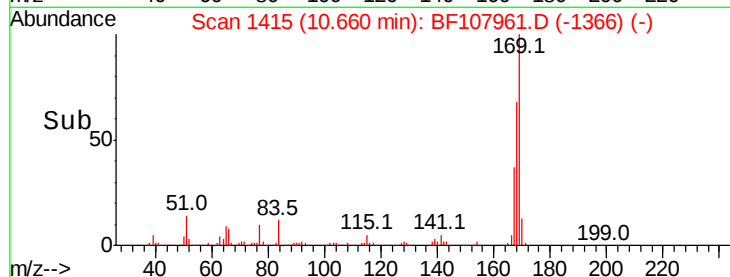
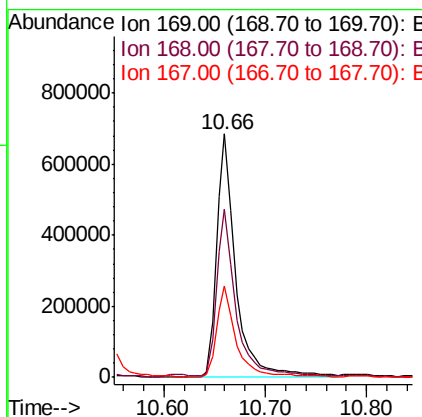
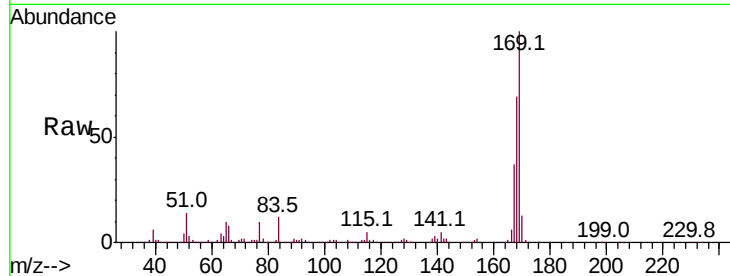
#65
n-Nitrosodiphenylamine
Concen: 41.491 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.9	54.4	81.6	
167	37.4	29.8	44.6	

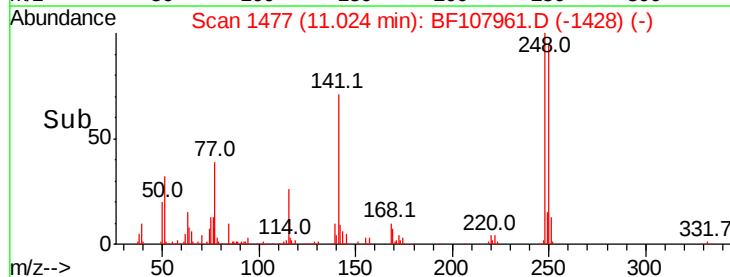
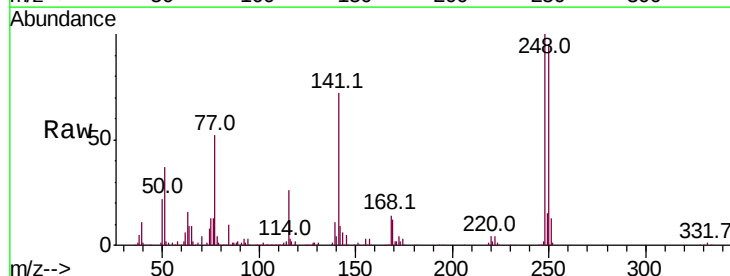
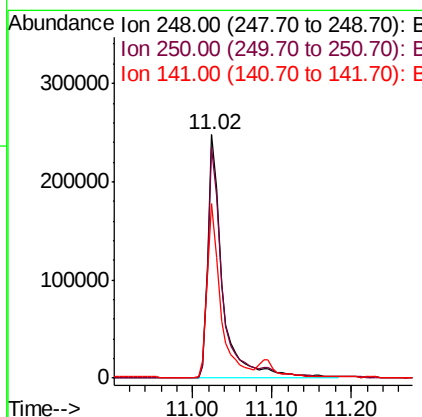
Manual Integrations
APPROVED

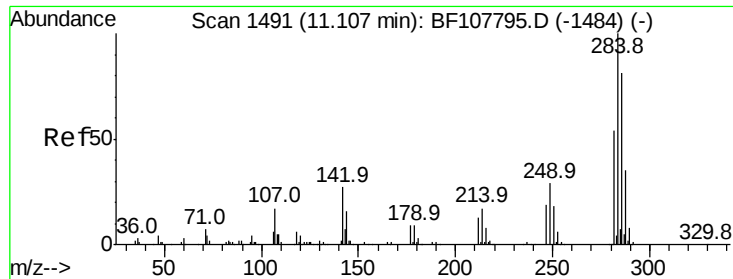
Sohil
8/6/2018 5:06:05 PM



#66
4-Bromophenyl-phenylether
Concen: 42.358 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.6	76.9	115.3	
141	71.6	74.4	111.6	





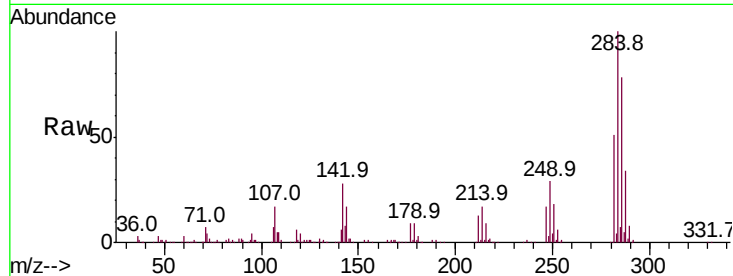
#67
Hexachlorobenzene
Concen: 38.558 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.6	34.6	52.0	
249	28.6	24.8	37.2	

Manual Integrations
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8/6/2018 5:06:05 PM

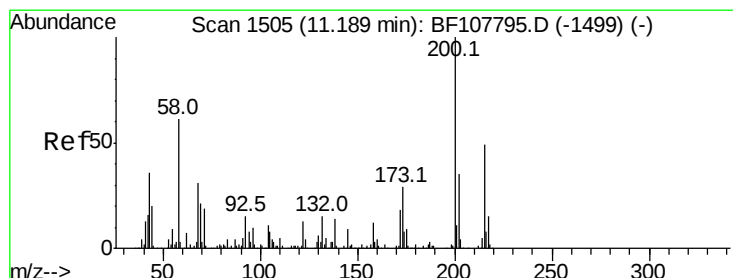
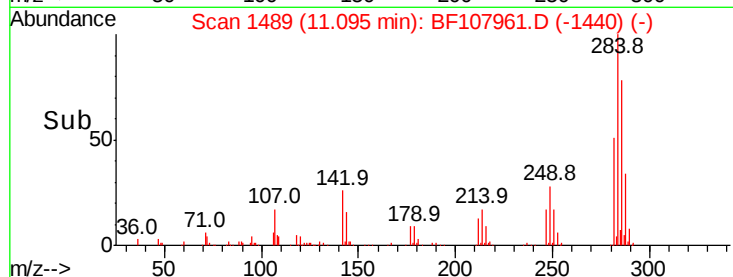
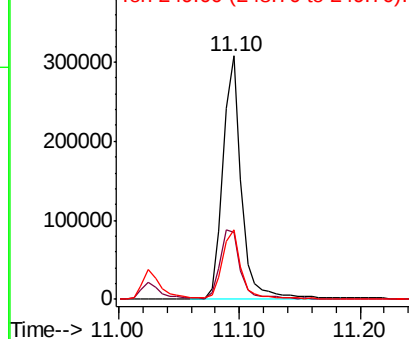


Abundance

Ion 283.80 (283.50 to 284.50): E

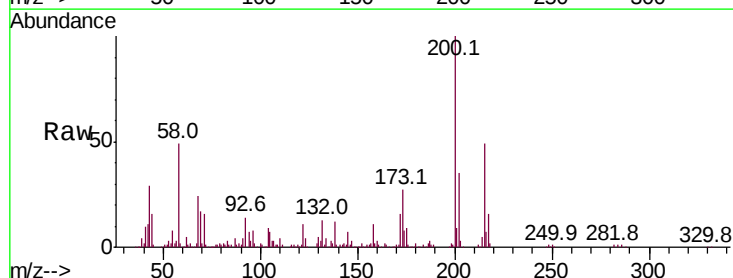
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 36.645 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	8.6	48.6	
215	49.4	25.1	65.1	

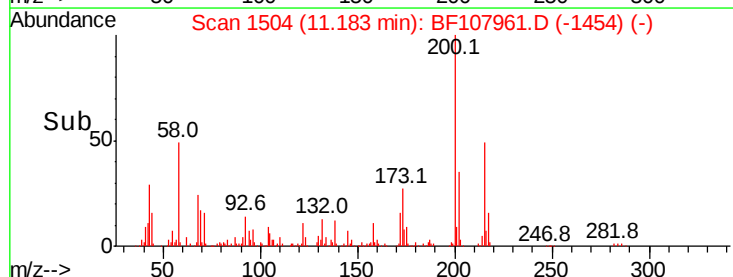
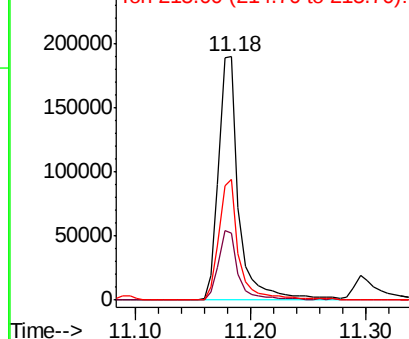


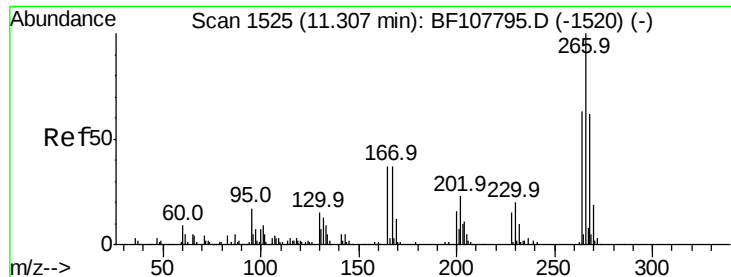
Abundance

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





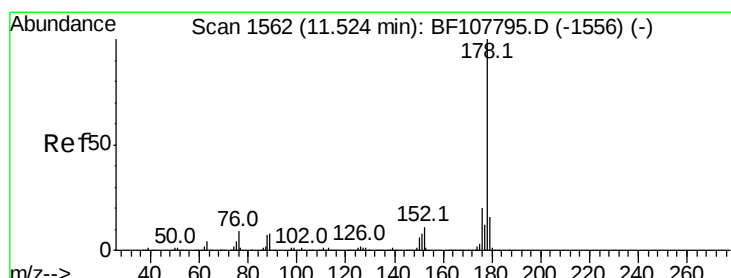
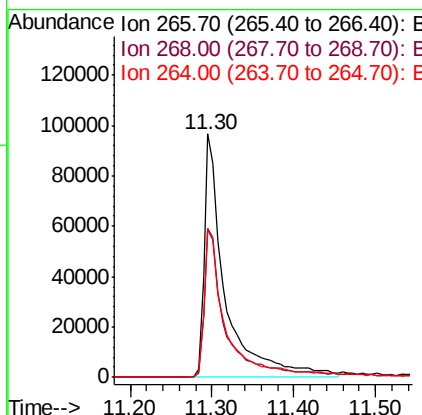
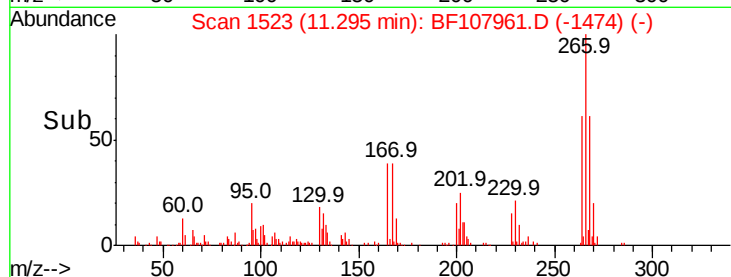
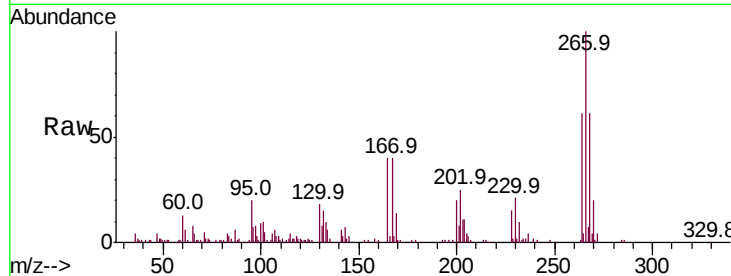
#69
 Pentachlorophenol
 Concen: 41.683 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	60.6	49.5	74.3

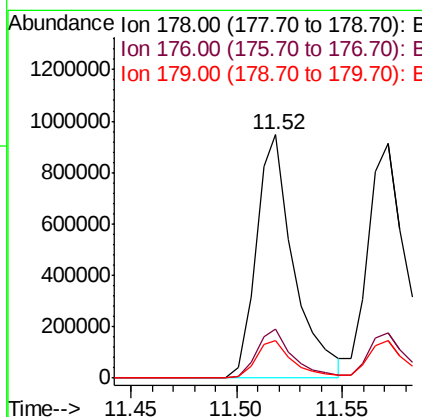
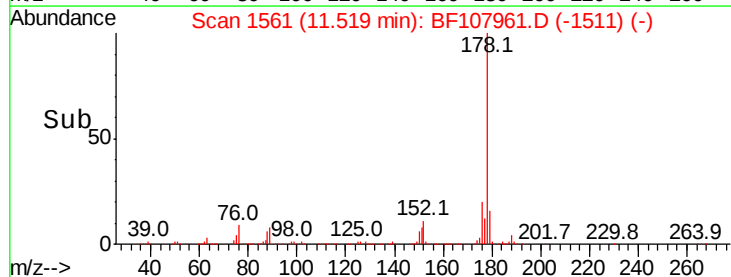
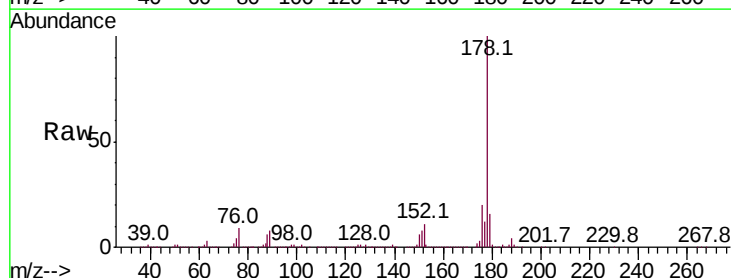
Manual Integrations
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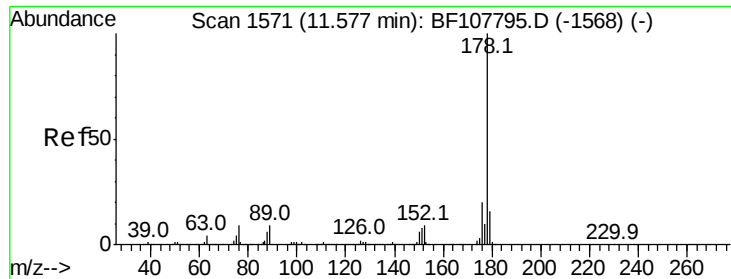
Sohil
 8/6/2018 5:06:05 PM



#70
 Phenanthrene
 Concen: 37.573 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6





#71
 Anthracene
 Concen: 39.016 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

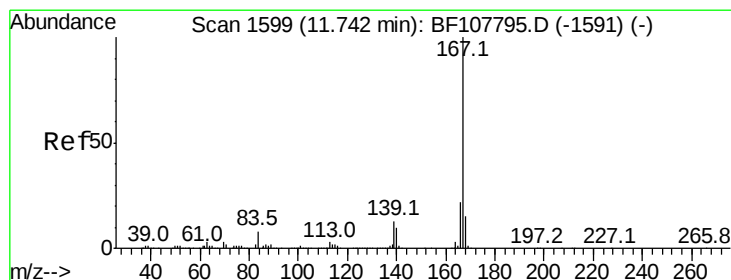
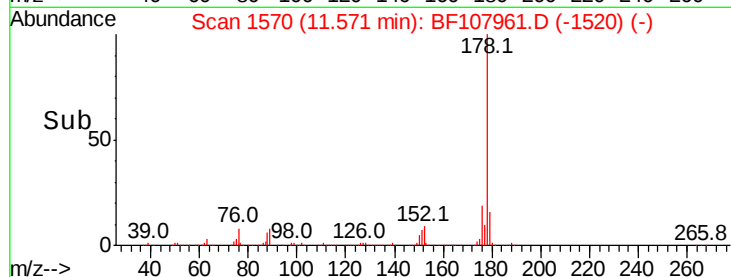
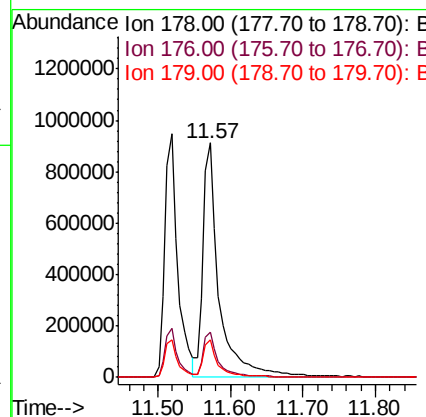
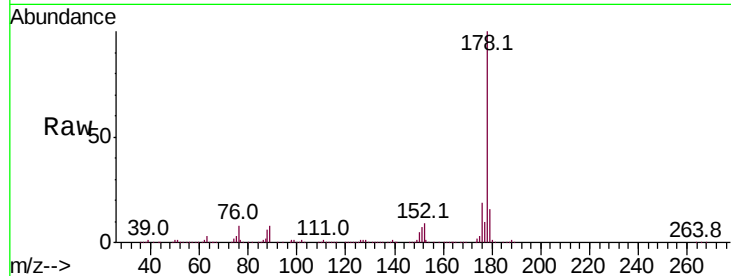
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1400095

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.9	12.6	19.0

Manual Integrations
 APPROVED

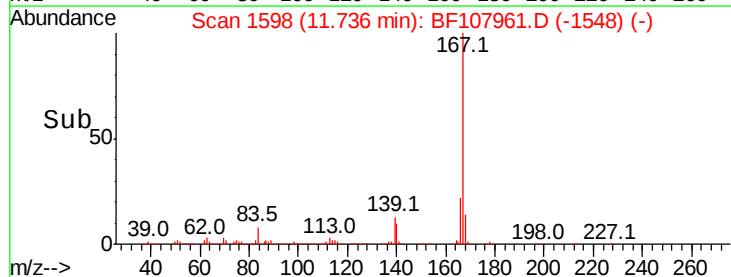
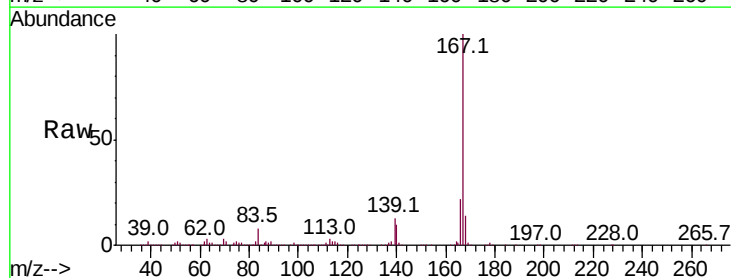
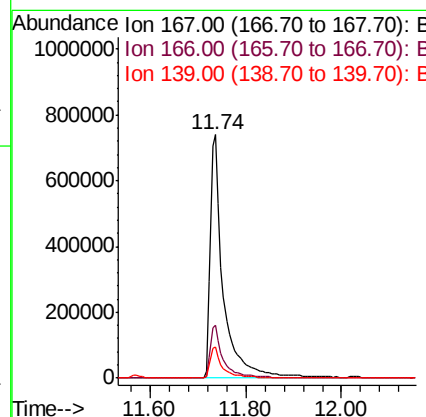
Sohil
 8/6/2018 5:06:05 PM

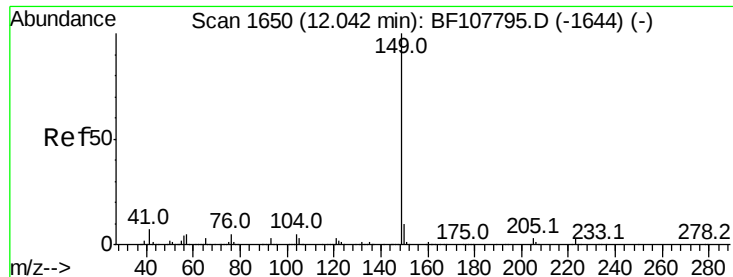


#72
 Carbazole
 Concen: 39.335 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion:167 Resp: 1394917

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.6	10.9	16.3





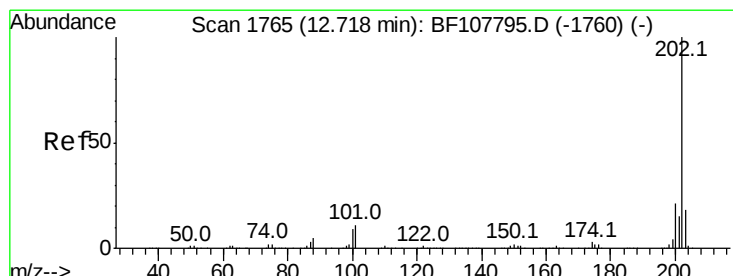
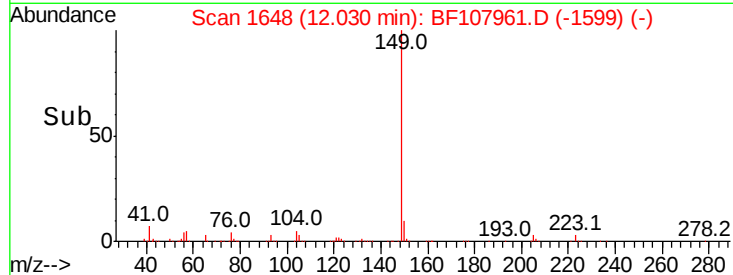
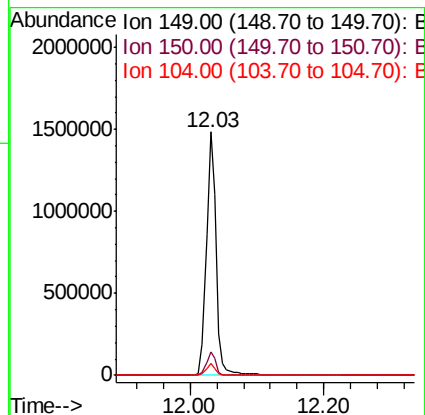
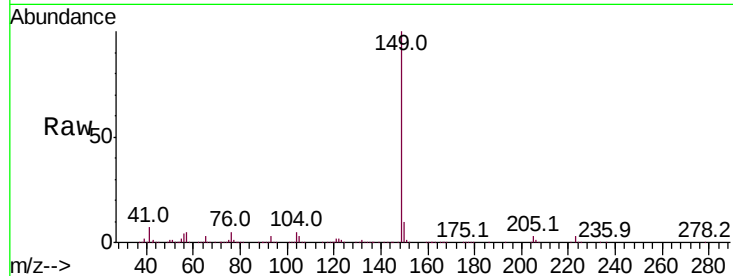
#73
Di-n-butylphthalate
Concen: 38.137 ng
RT: 12.03 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1475440
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 4.8 3.8 5.8

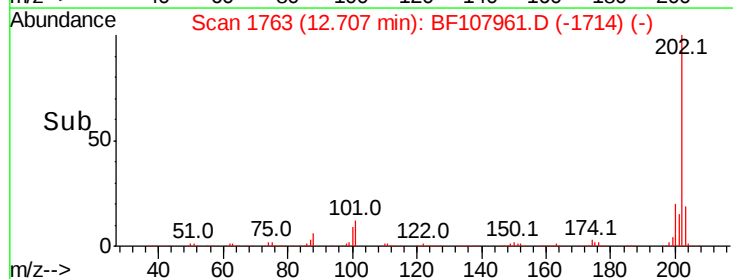
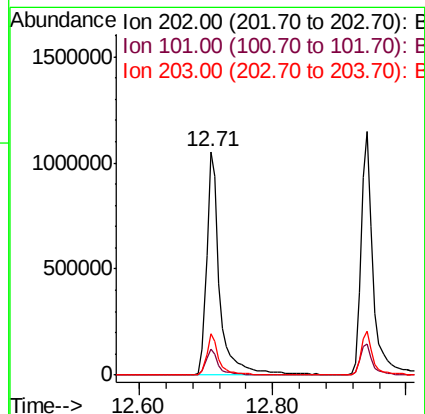
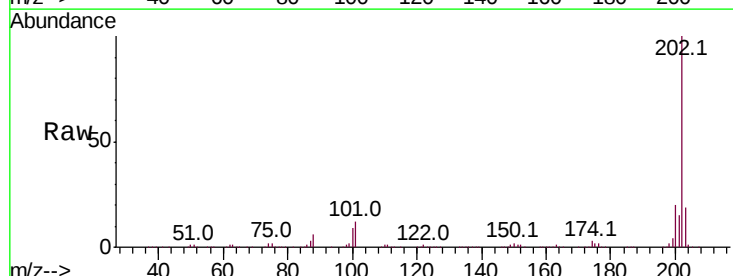
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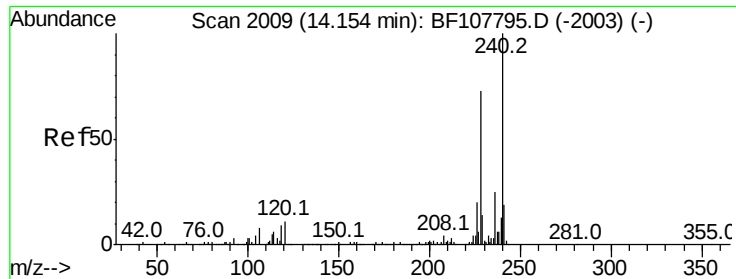
Sohil
8/6/2018 5:06:05 PM



#74
Fluoranthene
Concen: 38.713 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion:202 Resp: 1414950
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 18.6 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: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

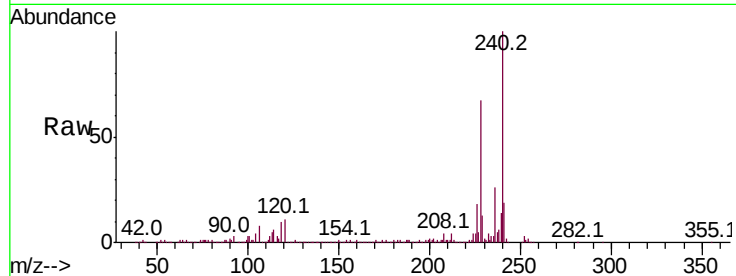
ClientSampleId :

SSTDCCC040

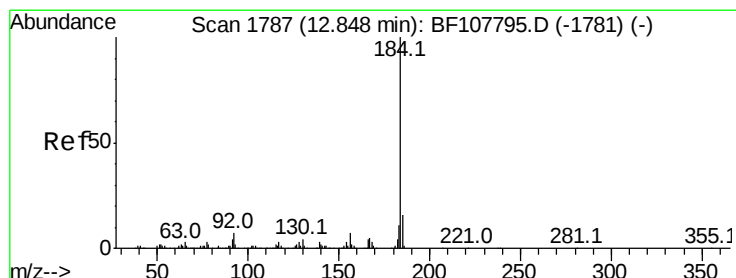
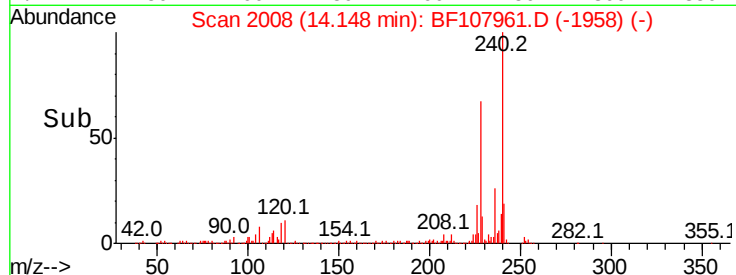
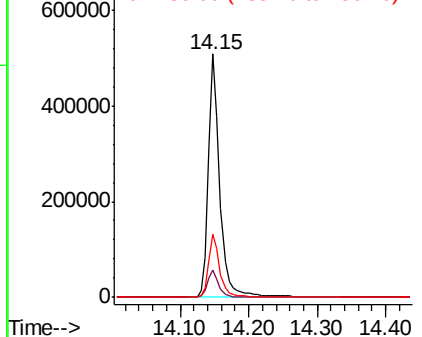
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.7	20.7	31.1

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



#76

Benzidine

Concen: 28.154 ng m

RT: 12.85 min Scan# 1787

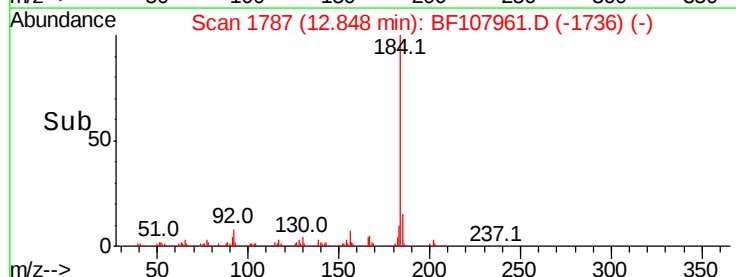
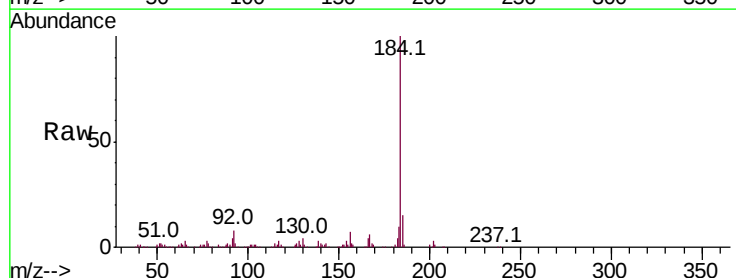
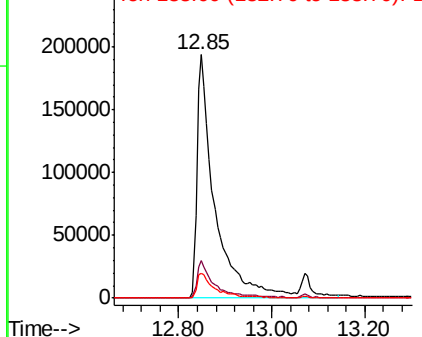
Delta R.T. 0.00 min

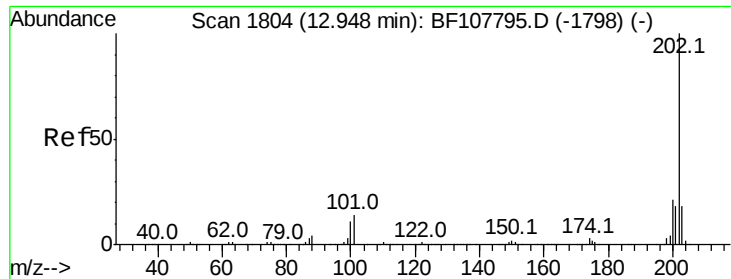
Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	18.8
183	10.2	9.3	13.9

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





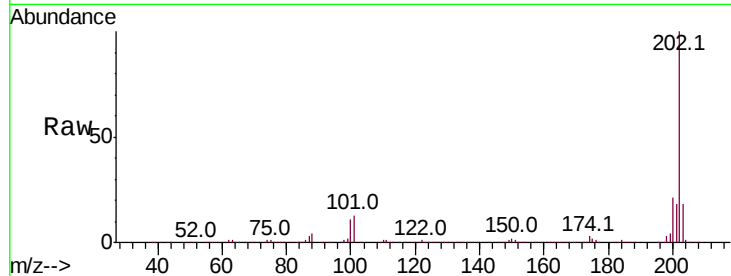
#77
Pvrene
Concen: 33.067 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.0	14.3	21.5

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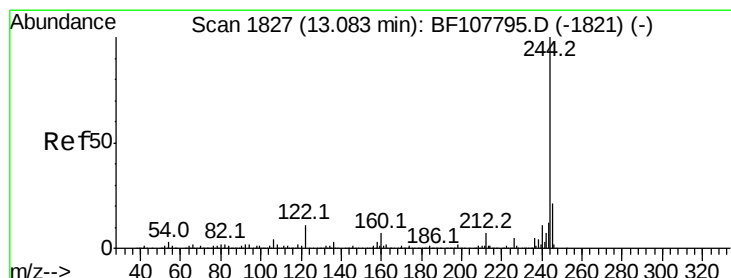
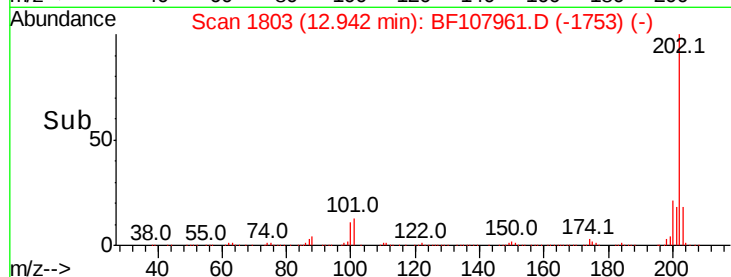
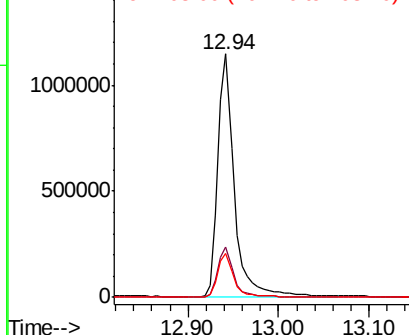


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 65.909 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

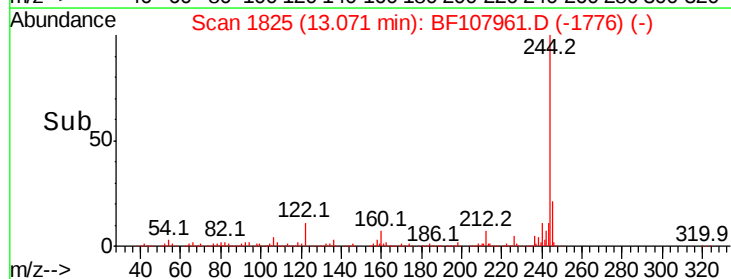
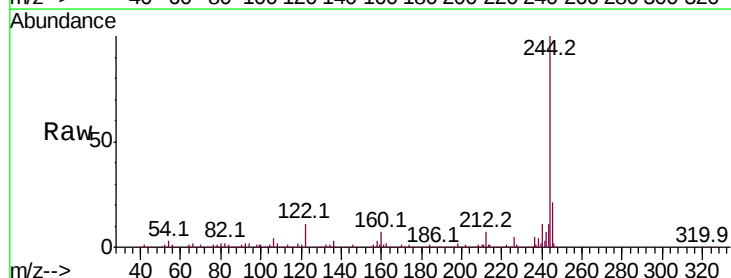
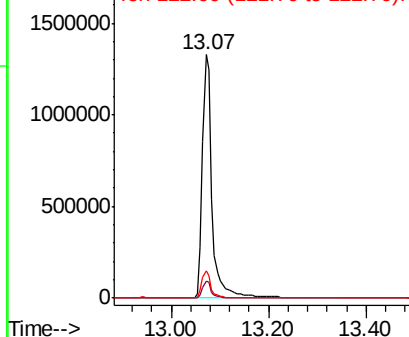
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4

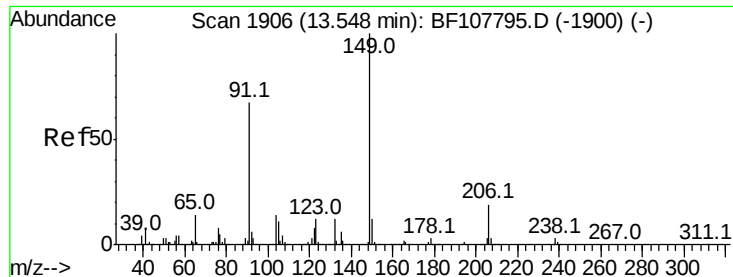
Abundance

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





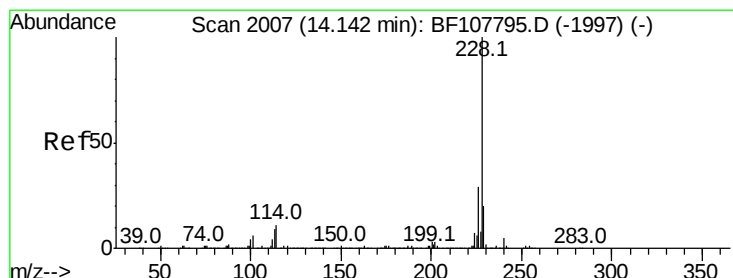
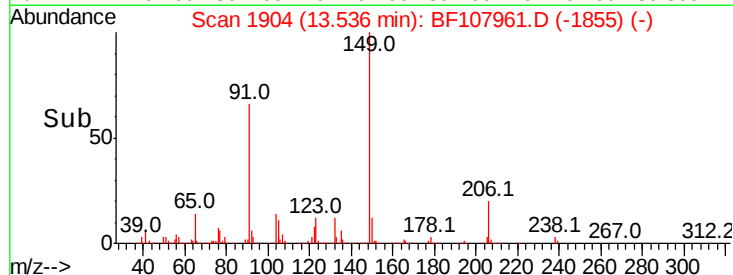
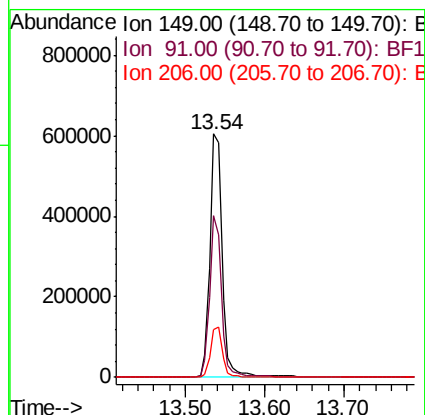
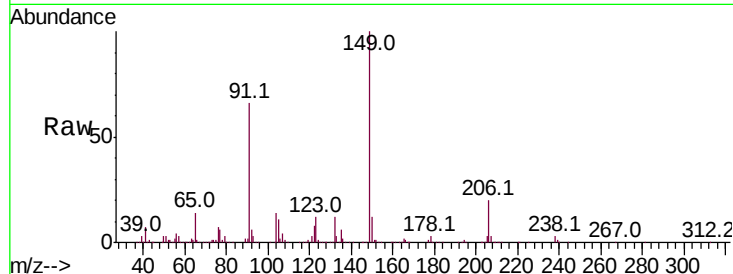
#79
Butylbenzylphthalate
Concen: 34.715 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	661553		
91	66.4	56.8	85.2	
206	19.5	14.1	21.1	

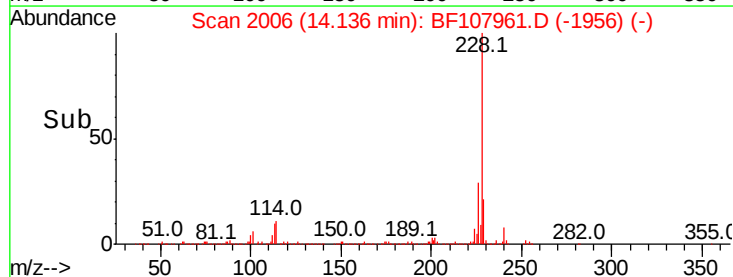
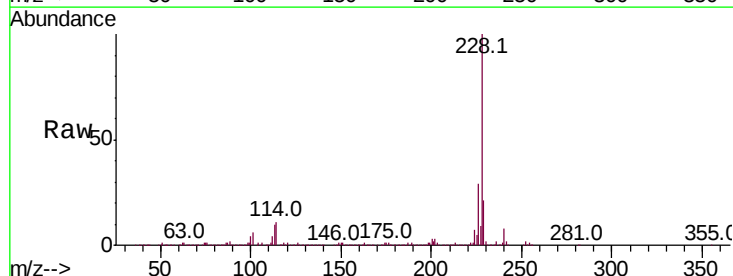
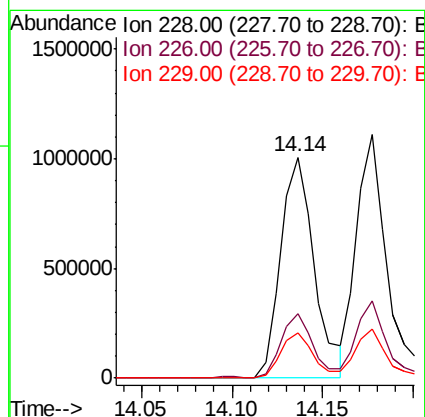
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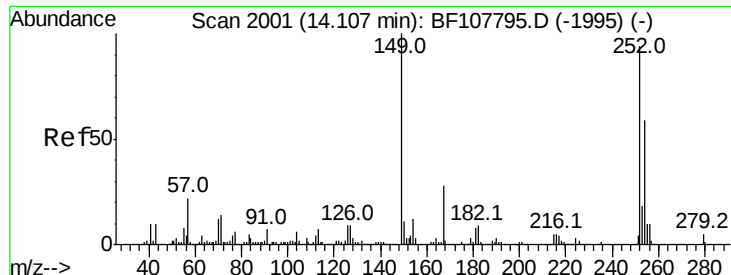
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#80
Benzo(a)anthracene
Concen: 38.121 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1304994		
226	29.3	22.6	33.8	
229	20.5	15.8	23.6	





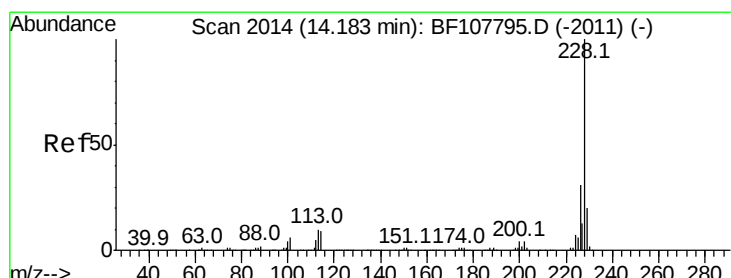
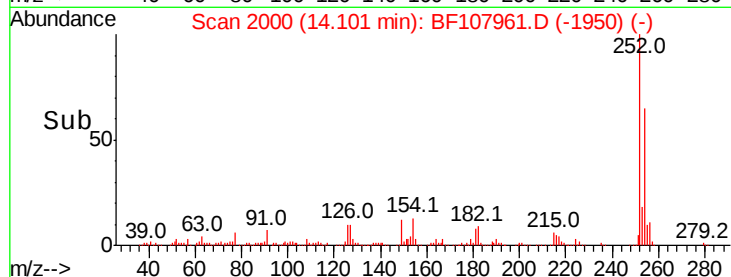
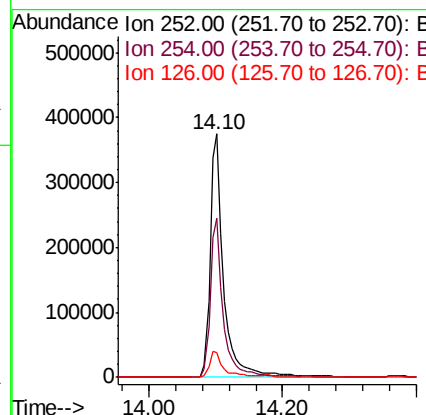
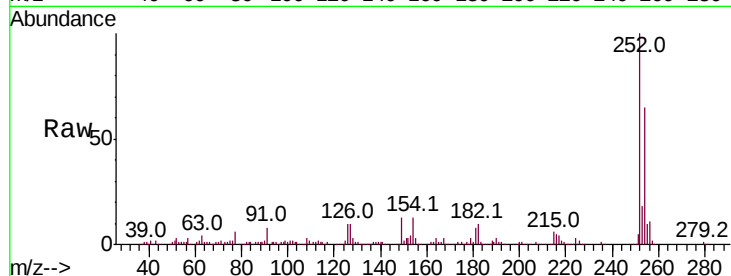
#81
 3,3'-Dichlorobenzidine
 Concen: 39.539 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	50.4	75.6
126	10.1	11.3	16.9

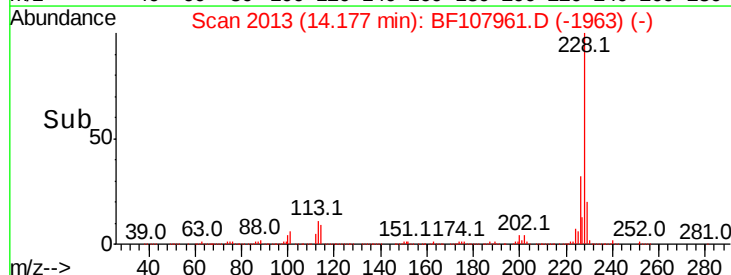
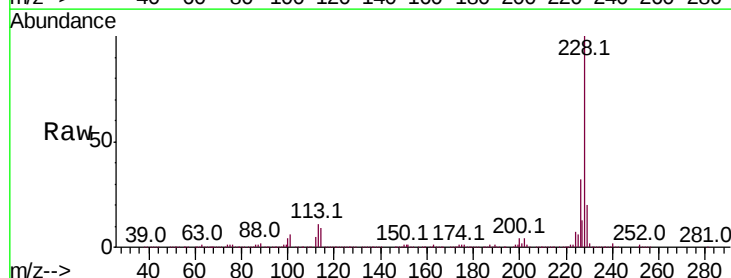
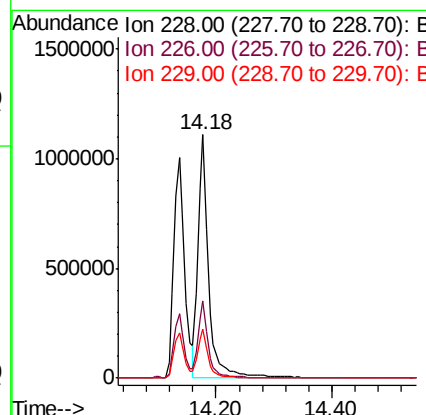
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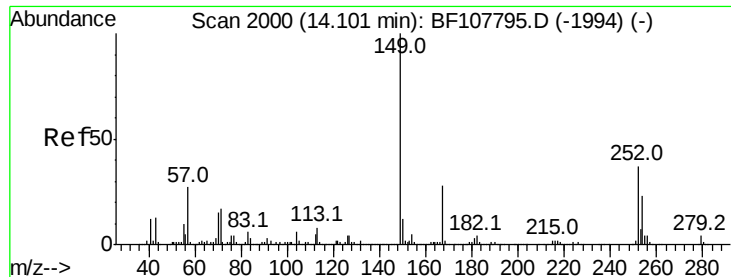
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#82
 Chrysene
 Concen: 38.171 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.195 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

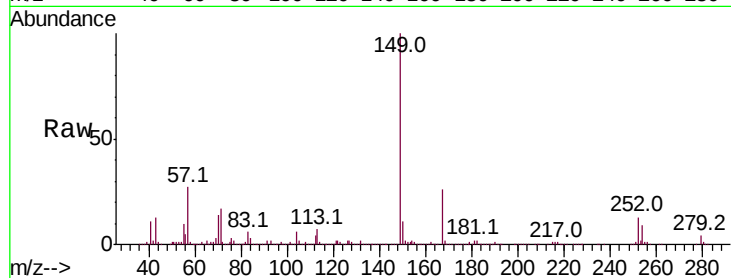
ClientSampleId :

SSTDCCC040

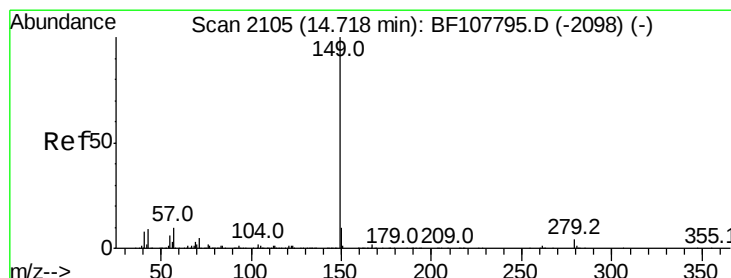
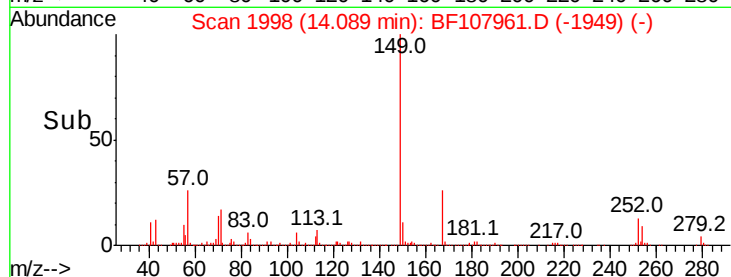
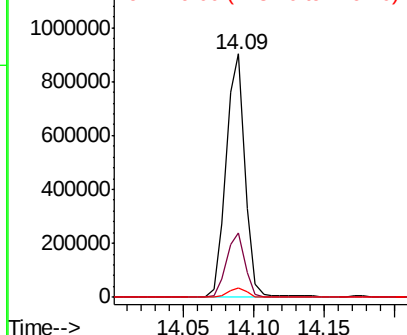
Tot Ion:	149	Resp:	843155
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	4.1	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.006 ng

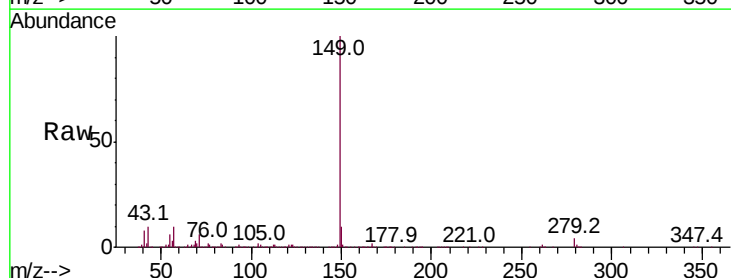
RT: 14.71 min Scan# 2103

Delta R.T. -0.01 min

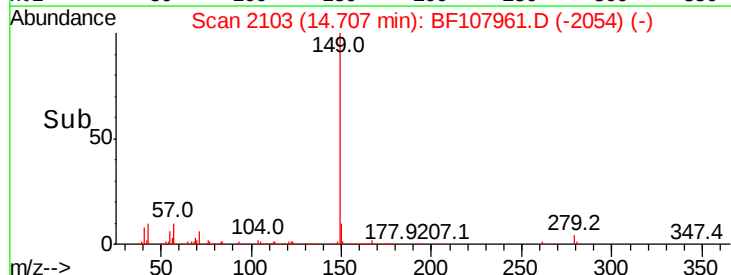
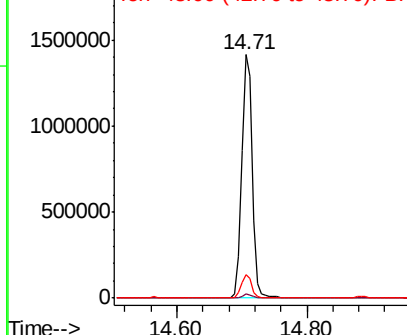
Lab File: BF107961.D

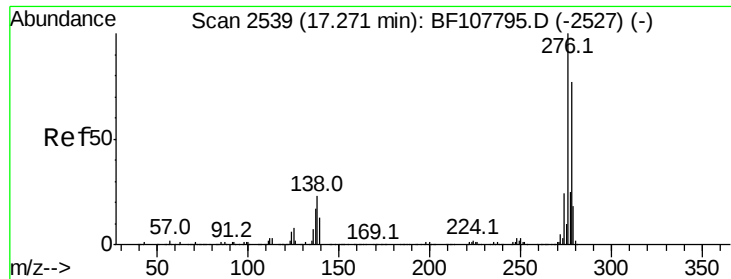
Acq: 4 Aug 2018 2:19

Tgt Ion:	149	Resp:	1576815
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.5	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.596 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1027815

Ion Ratio Lower Upper

276 100

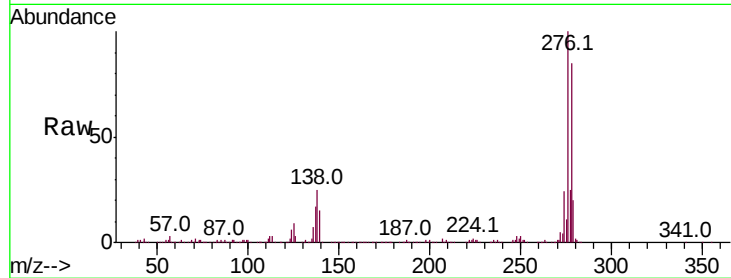
138 24.6 25.0 37.6#

277 25.1 20.1 30.1

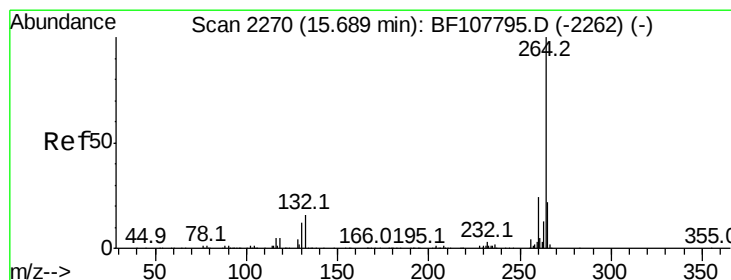
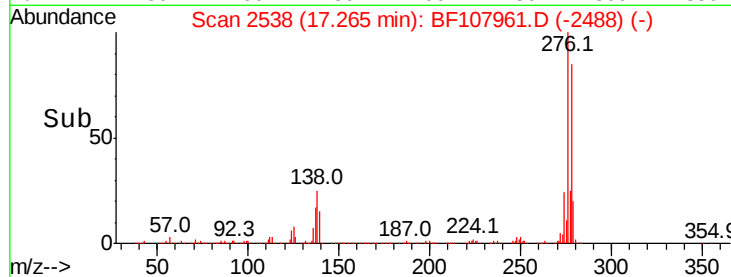
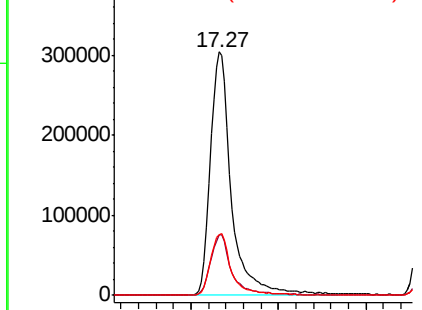
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

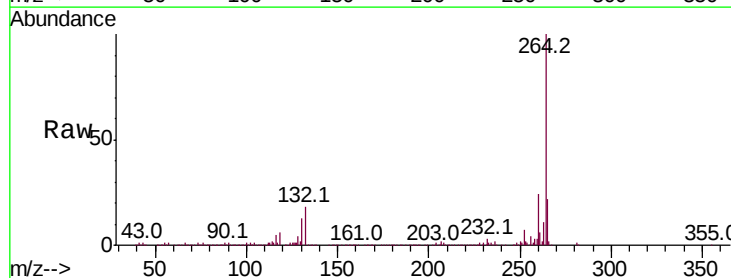
Tgt Ion:264 Resp: 607727

Ion Ratio Lower Upper

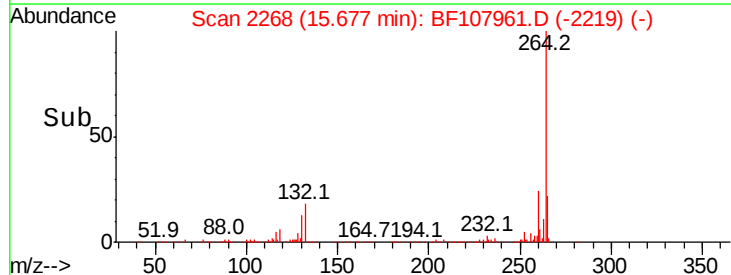
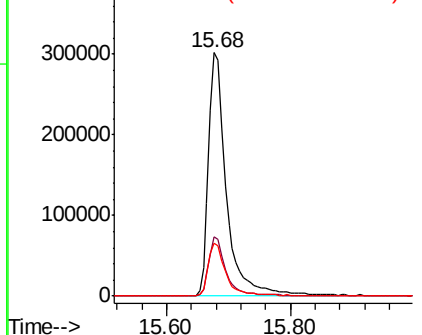
264 100

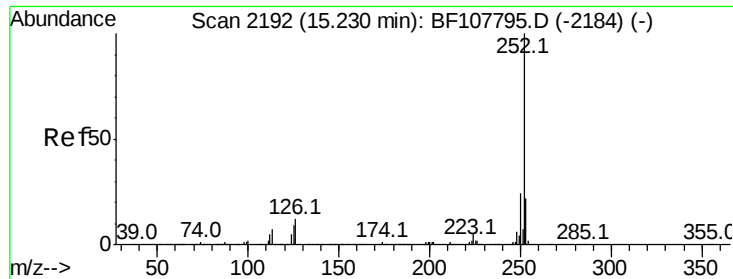
260 24.4 19.2 28.8

265 21.7 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: 36.361 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Instrument :

BNA_F

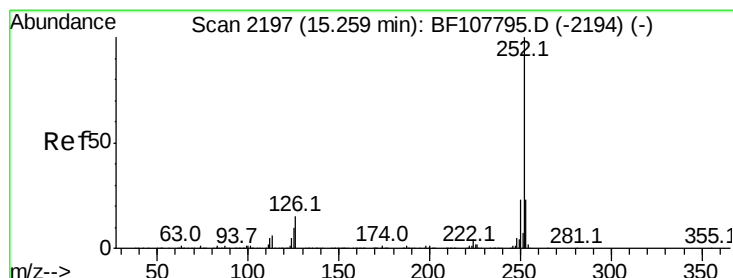
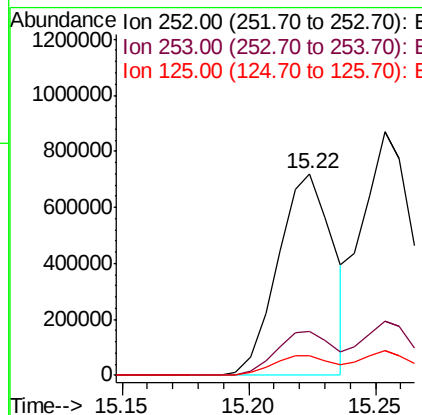
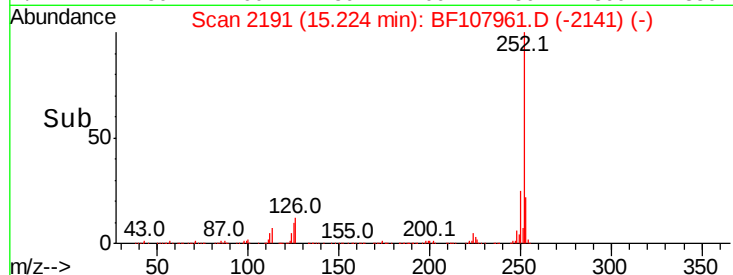
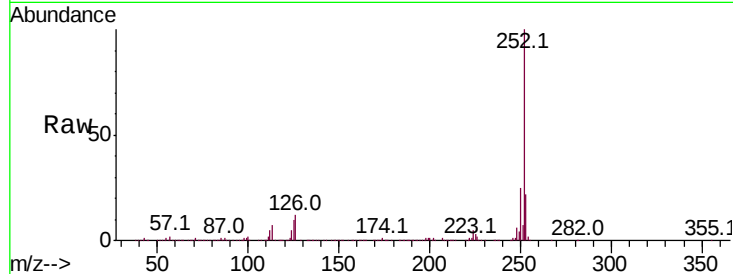
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	9.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 39.590 ng

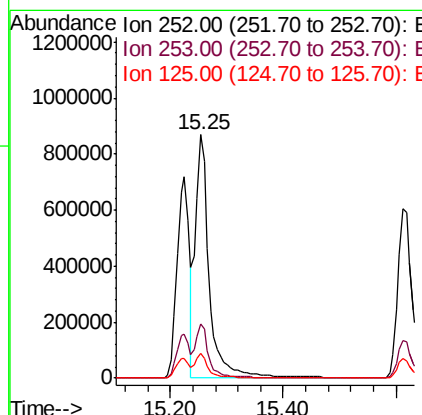
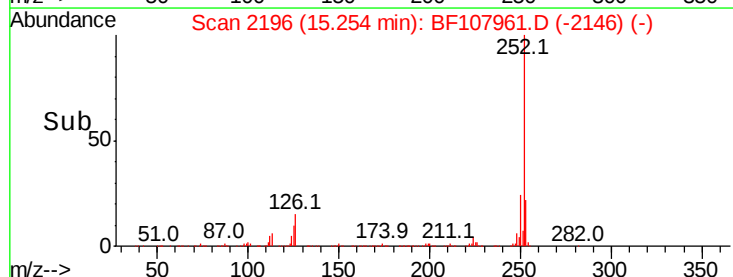
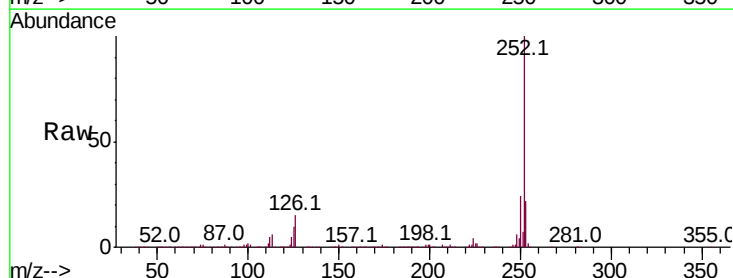
RT: 15.25 min Scan# 2196

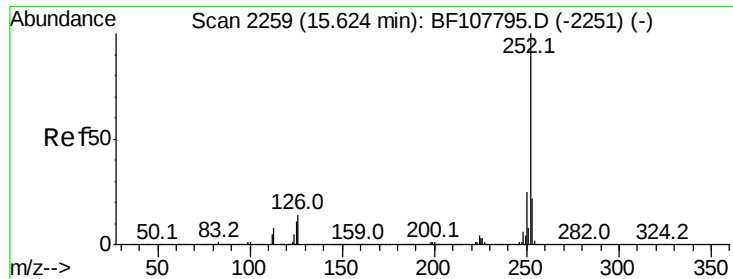
Delta R.T. -0.01 min

Lab File: BF107961.D

Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.2	10.2	15.2





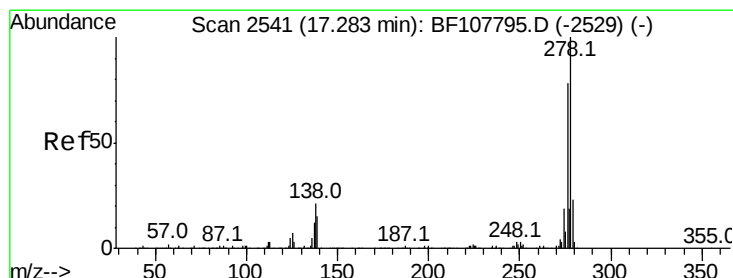
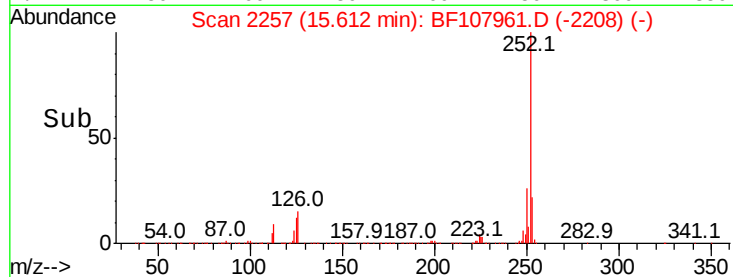
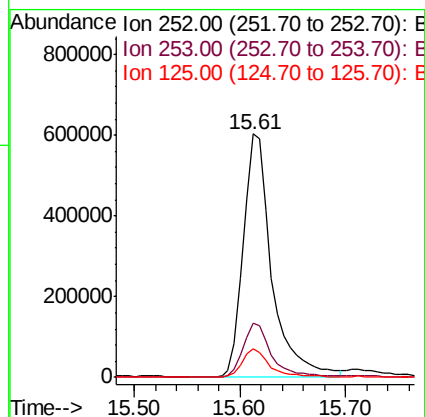
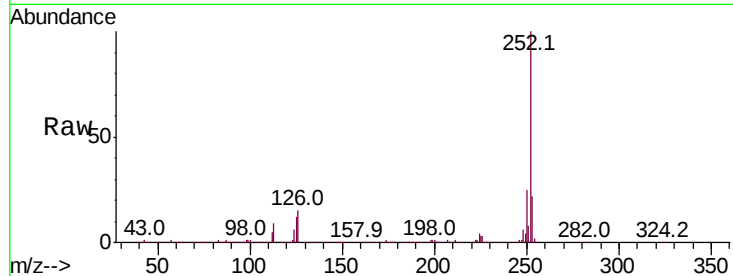
#89
Benzo(a)pyrene
Concen: 36.277 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.7	9.8	14.6

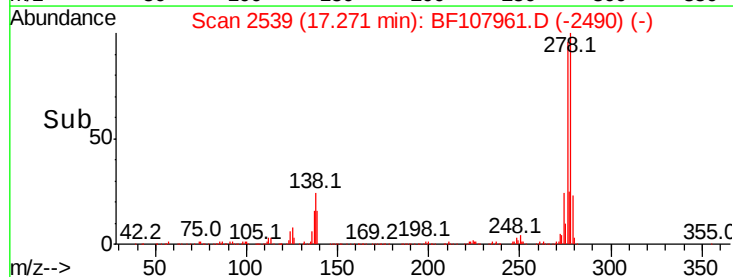
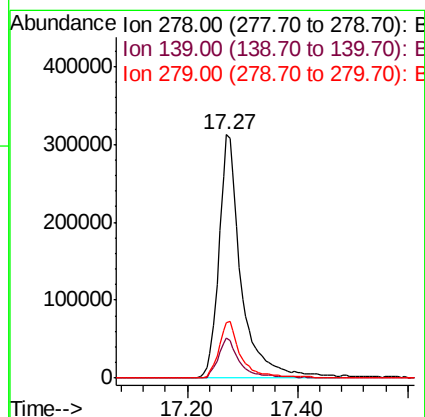
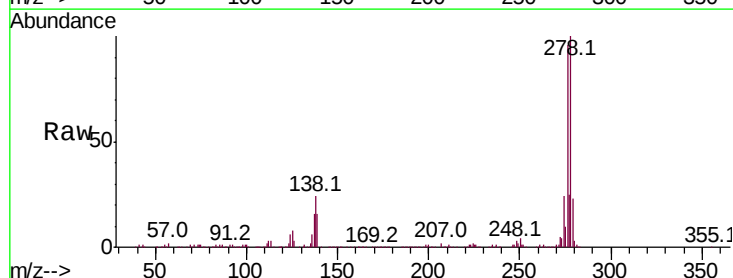
Manual Integrations
APPROVED

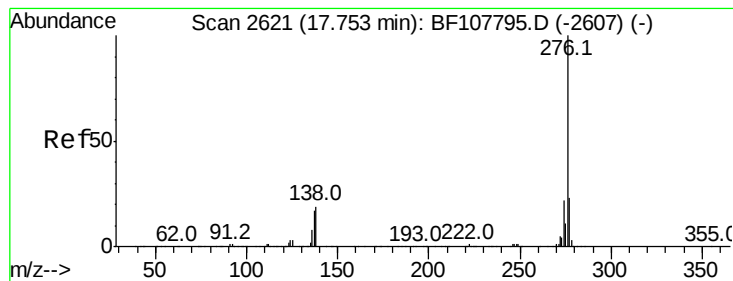
Sohil
8/6/2018 5:06:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 32.613 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107961.D
Acq: 4 Aug 2018 2:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.655 ng/ml
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF107961.D
 Acq: 4 Aug 2018 2:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	21.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 8/6/2018 5:06:05 PM

