

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073118\
 Data File : BF107876.D
 Acq On : 1 Aug 2018 3:41
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil

8/13/2018 12:44:30 PM

Quant Time: Aug 13 12:27:14 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	6.97	152	134379	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	518170	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	197062	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	375276	20.00	ng	0.00
75) Chrysene-d12	14.15	240	343789	20.00	ng	0.00
86) Perylene-d12	15.69	264	255927	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	568829	71.94	ng	0.00
7) Phenol-d6	6.61	99	768692	73.77	ng	0.00
23) Nitrobenzene-d5	7.53	82	730696	81.24	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	175274	65.46	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1282307	90.68	ng	0.00
78) Terphenyl-d14	13.08	244	1228420	77.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	143933	39.910	ng	# 84
3) Pyridine	3.60	79	322972	36.517	ng	# 84
4) n-Nitrosodimethylamine	3.57	42	66821	16.610	ng	93
6) Aniline	6.64	93	427793	39.469	ng	# 73
8) 2-Chlorophenol	6.75	128	369218	37.175	ng	95
9) Benzaldehyde	6.52	77	196133	31.196	ng	96
10) Phenol	6.62	94	395817	31.852	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	431723	39.070	ng	94
12) 1,3-Dichlorobenzene	6.91	146	395003	37.920	ng	97
13) 1,4-Dichlorobenzene	6.98	146	446202	38.480	ng	98
14) 1,2-Dichlorobenzene	7.14	146	395837	36.774	ng	99
15) Benzyl Alcohol	7.11	79	232753	35.936	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	588859	37.065	ng	74
17) 2-Methylphenol	7.22	107	275442	37.568	ng	# 78
18) Hexachloroethane	7.47	117	118353	28.396	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	248538	37.598	ng	100
20) 3+4-Methylphenols	7.38	107	328214	36.462	ng	# 58
22) Acetophenone	7.38	105	491394	39.417	ng	# 91
24) Nitrobenzene	7.55	77	374751	39.735	ng	99
25) Isophorone	7.78	82	597040	40.438	ng	99
26) 2-Nitrophenol	7.87	139	158226	33.429	ng	98
27) 2,4-Dimethylphenol	7.90	122	234851	37.060	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	395827	40.682	ng	99
29) 2,4-Dichlorophenol	8.11	162	274146	38.246	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	312956	38.271	ng	98
31) Naphthalene	8.27	128	955975	39.689	ng	99
32) Benzoic acid	8.01	122	97697m	23.577	ng	
33) 4-Chloroaniline	8.32	127	364813	35.459	ng	99
34) Hexachlorobutadiene	8.37	225	192970	38.187	ng	98
35) Caprolactam	8.68	113	74629	34.585	ng	# 79
36) 4-Chloro-3-methylphenol	8.81	107	269214	34.582	ng	97
37) 2-Methylnaphthalene	8.96	142	558920	36.941	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	286084	42.579	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	1461	7.873	ng	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	151315	40.738	ng	100
43) 2,4,5-Trichlorophenol	9.30	196	161614	36.142	ng	95
45) 1,1'-Biphenyl	9.42	154	768559	42.855	ng	99
46) 2-Chloronaphthalene	9.45	162	547088	40.454	ng	96
47) 2-Nitroaniline	9.56	65	180670	41.071	ng	95
48) Acenaphthylene	9.87	152	797861	38.055	ng	100
49) Dimethylphthalate	9.71	163	610509	41.252	ng	99
50) 2,6-Dinitrotoluene	9.79	165	113474	35.282	ng	# 91
51) Acenaphthene	10.04	154	470843	38.660	ng	99
52) 3-Nitroaniline	9.98	138	160654	39.640	ng	96
54) Dibenzofuran	10.21	168	697217	37.038	ng	100
55) 4-Nitrophenol	10.18	139	27208m	21.916	ng	
56) 2,4-Dinitrotoluene	10.20	165	131183	31.033	ng	# 91
57) Fluorene	10.55	166	519302	35.497	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.34	232	141468	34.444	ng	# 77
59) Diethylphthalate	10.41	149	601543	37.804	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	285162	35.781	ng	91
61) 4-Nitroaniline	10.60	138	153927	42.798	ng	91
62) Azobenzene	10.70	77	523358	35.316	ng	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	2361	1.156	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	485441	39.285	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	163912	37.474	ng	# 85
67) Hexachlorobenzene	11.11	284	180923	37.301	ng	# 81
68) Atrazine	11.18	200	133225	36.428	ng	98
69) Pentachlorophenol	11.31	266	82865	34.705	ng	94
70) Phenanthrene	11.52	178	688425	38.634	ng	98
71) Anthracene	11.58	178	825332	40.156	ng	99
72) Carbazole	11.74	167	823103	40.525	ng	98
73) Di-n-butylphthalate	12.04	149	892867	40.294	ng	99
74) Fluoranthene	12.72	202	890081	42.518	ng	97
76) Benzidine	12.85	184	507213	45.631	ng	97
77) Pyrene	12.95	202	911257	36.810	ng	97
79) Butylbenzylphthalate	13.55	149	419178	38.667	ng	92
80) Benzo(a)anthracene	14.14	228	726744	37.318	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	323369	42.835	ng	99
82) Chrysene	14.18	228	790364	37.627	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	557708	40.922	ng	99
84) Di-n-octyl phthalate	14.72	149	970367	44.359	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	524225	32.811	ng	# 93
87) Benzo(b)fluoranthene	15.23	252	471746	37.374	ng	98
88) Benzo(k)fluoranthene	15.26	252	648352m	41.837	ng	
89) Benzo(a)pyrene	15.62	252	477255	36.626	ng	99
90) Dibenzo(a,h)anthracene	17.29	278	439813	38.694	ng	94
91) Benzo(g,h,i)perylene	17.76	276	416621	37.881	ng	# 94

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

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ALS Vial : 2 Sample Multiplier: 1

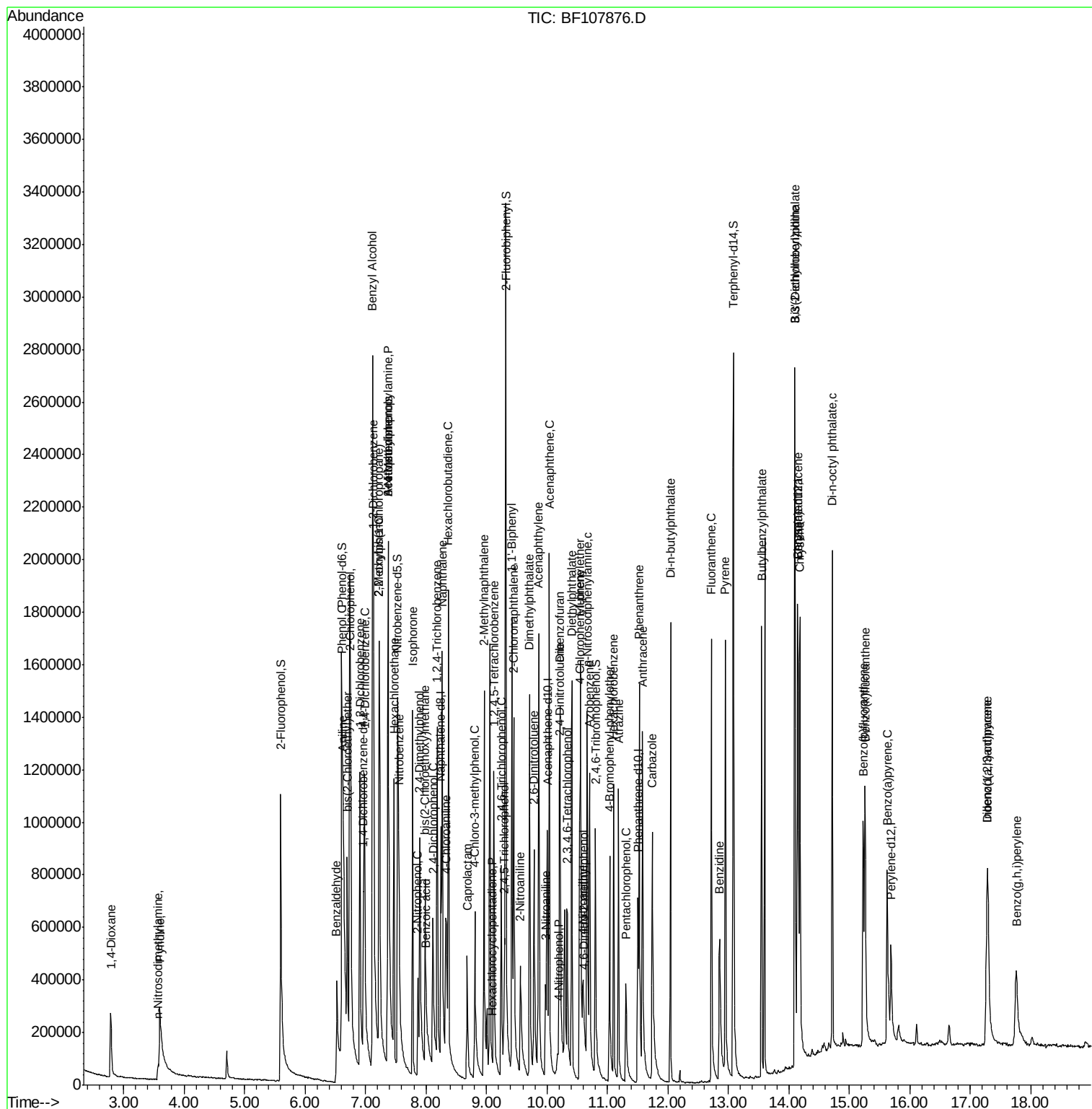
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

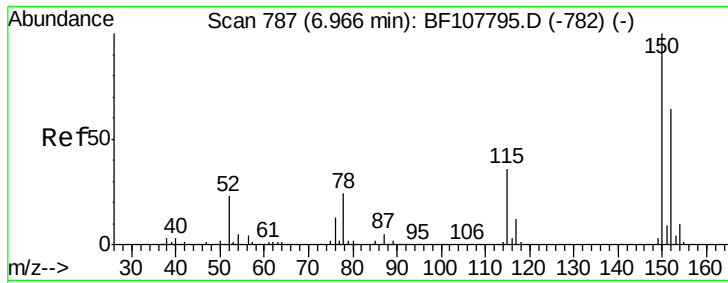
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

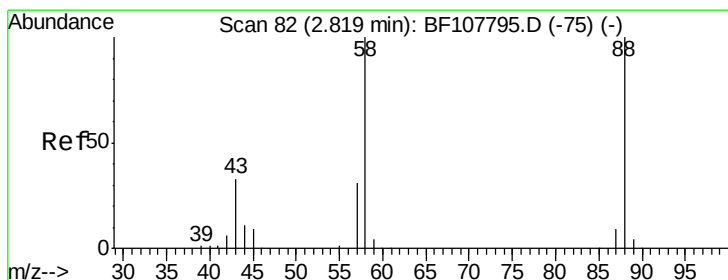
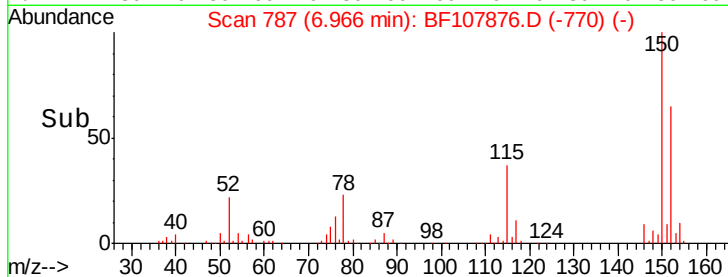
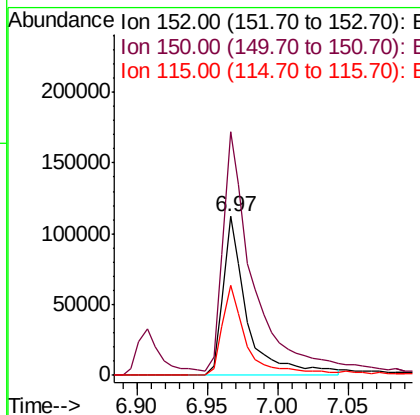
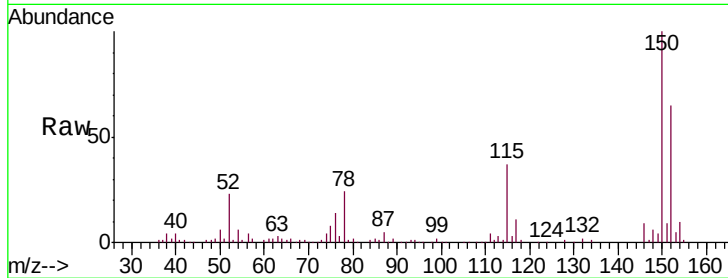
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	56.6	50.1	75.1

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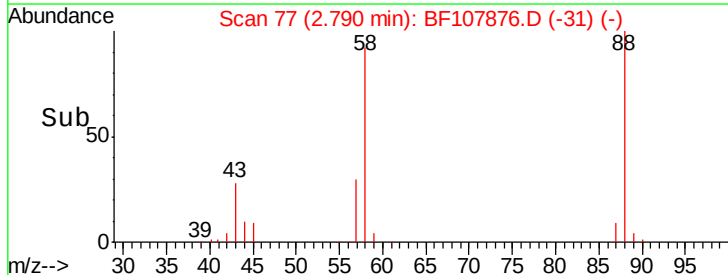
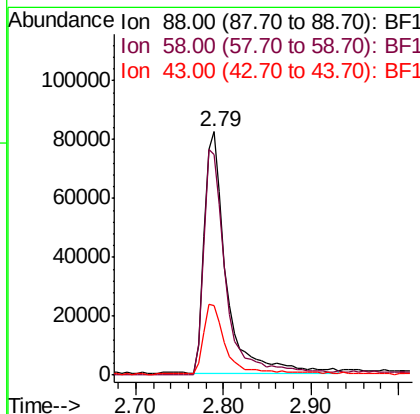
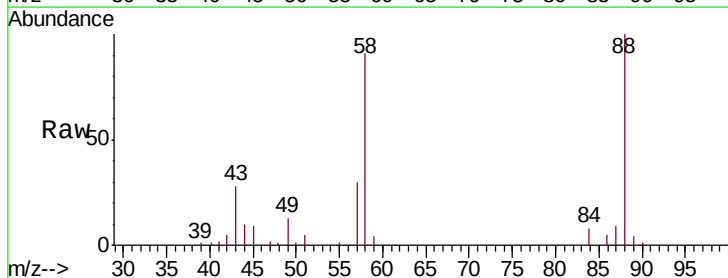
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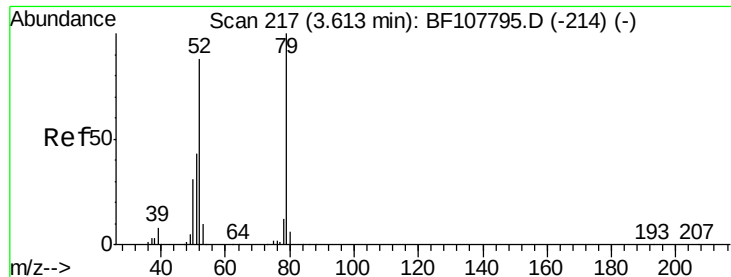


#2

1,4-Dioxane
Concen: 39.910 ng
RT: 2.79 min Scan# 77
Delta R.T. -0.03 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.5	62.6	93.8#
43	27.9	24.6	37.0





#3

Pyridine

Concen: 36.517 ng

RT: 3.60 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 322972
Ion Ratio Lower Upper

79 100

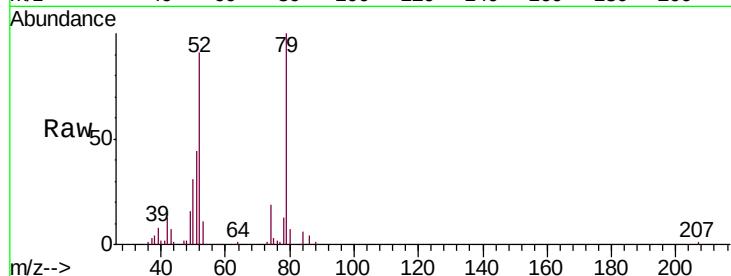
52 90.9 59.8 89.6#

51 43.6 29.8 44.8

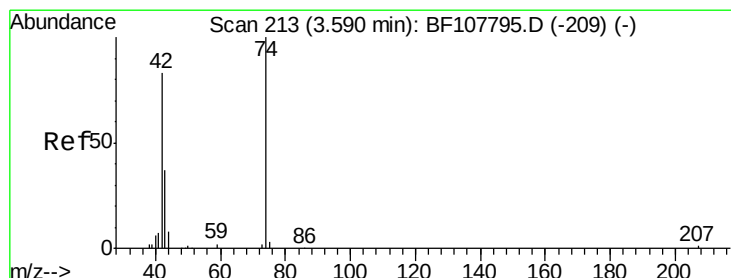
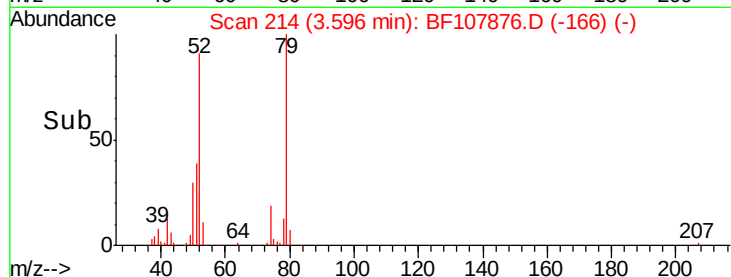
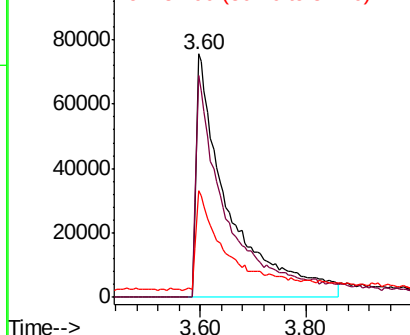
Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 16.610 ng

RT: 3.57 min Scan# 210

Delta R.T. -0.02 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

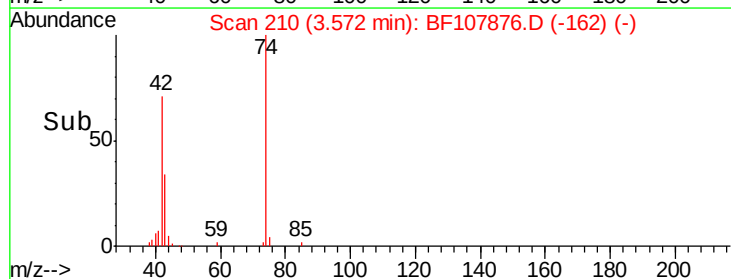
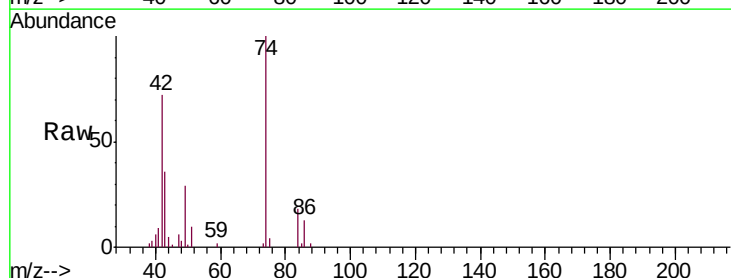
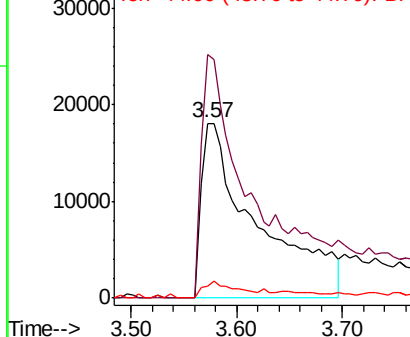
Tgt Ion: 42 Resp: 66821
Ion Ratio Lower Upper

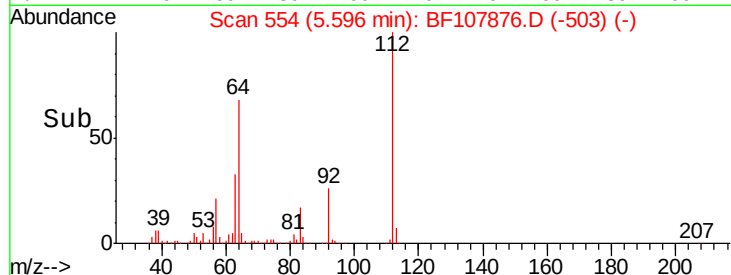
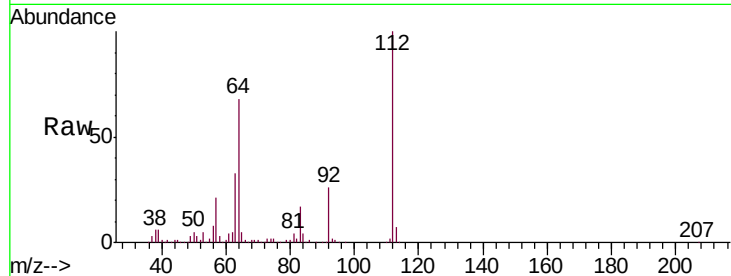
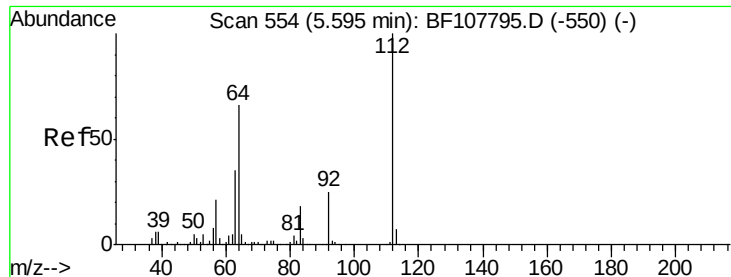
42 100

74 139.3 104.9 157.3

44 7.0 6.9 10.3

Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5
2-Fluorophenol
Concen: 71.942 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

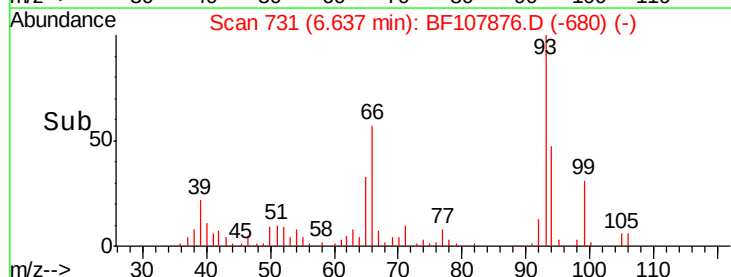
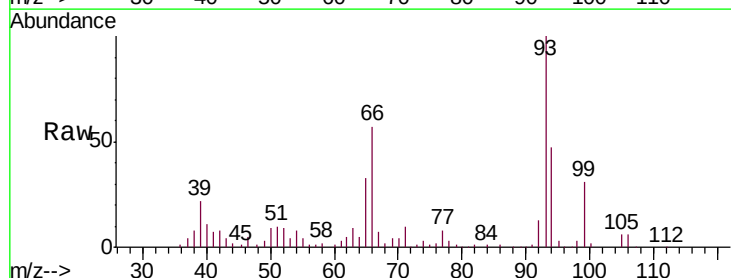
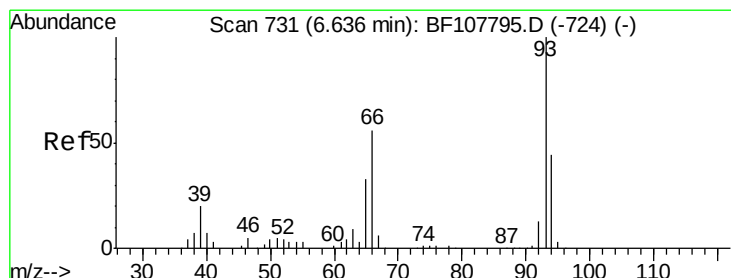
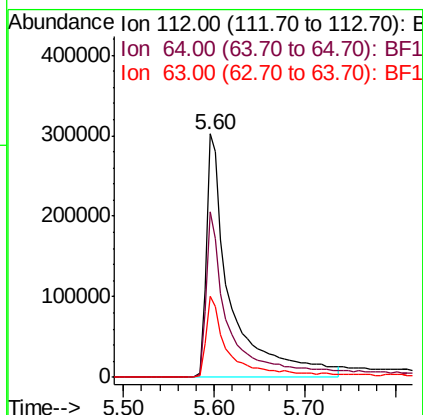
Tgt Ion	Ratio	Resp	Lower	Upper
112	100	568829		
64	68.0	47.9	71.9	
63	33.1	23.7	35.5	

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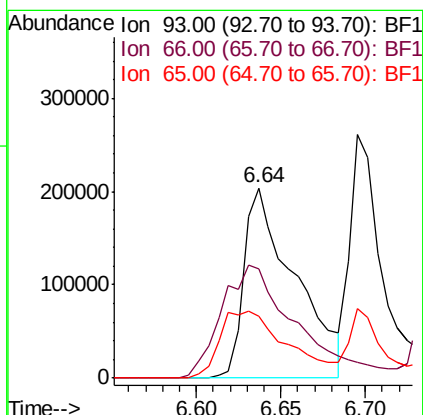
Sohil

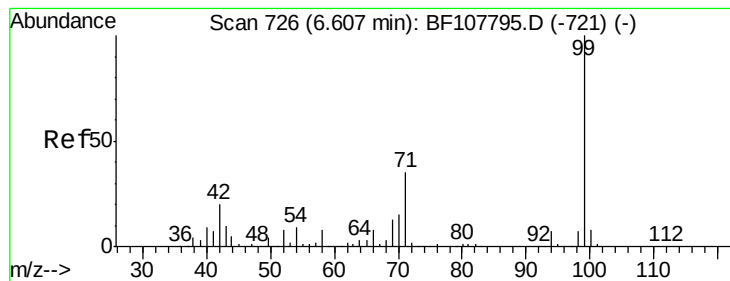
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#6
Aniline
Concen: 39.469 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	427793		
66	57.3	32.2	48.2#	
65	32.6	16.4	24.6#	





#7

Phenol-d6

Concen: 73.766 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 768692

Ion Ratio Lower Upper

99 100

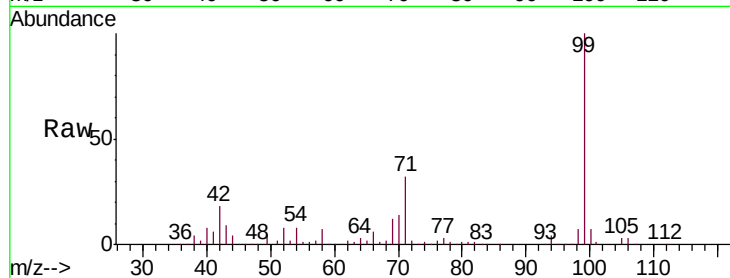
42 18.4 14.5 21.7

71 32.2 25.4 38.0

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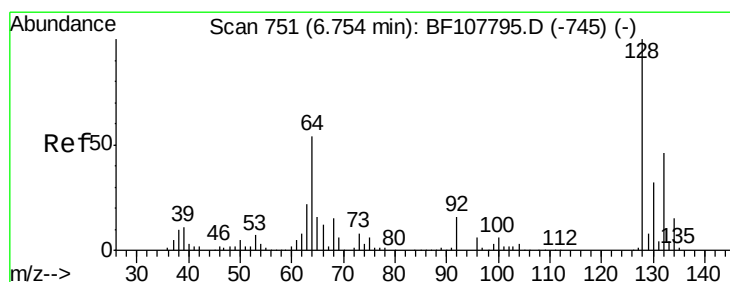
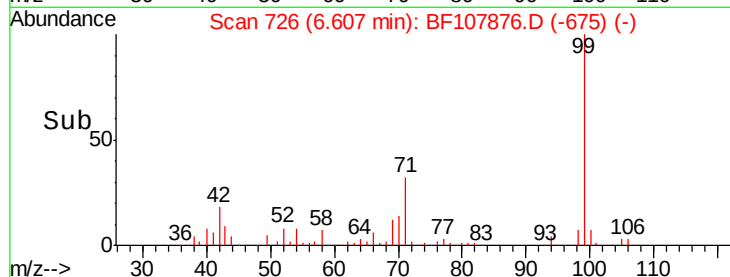
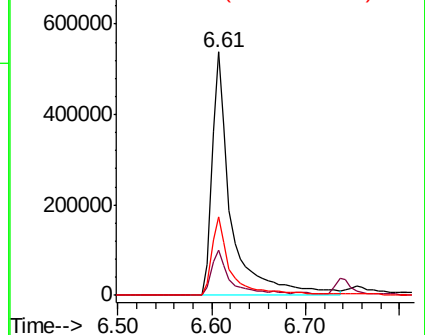
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.175 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

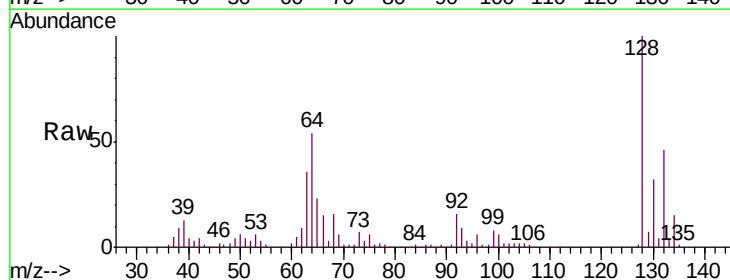
Tgt Ion: 128 Resp: 369218

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

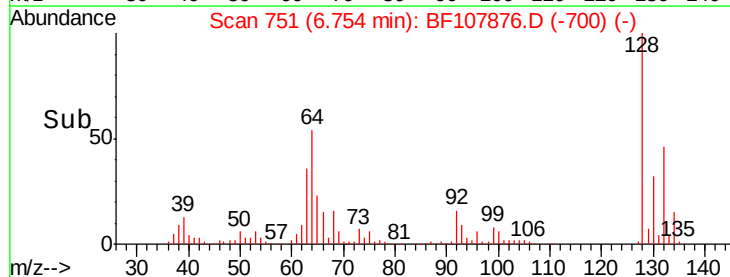
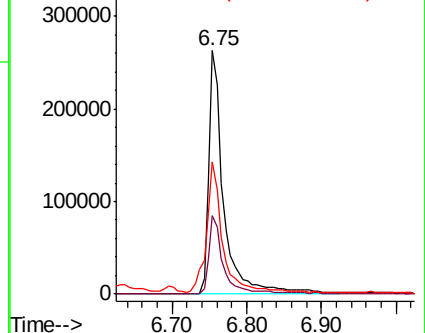
64 54.3 29.4 69.4

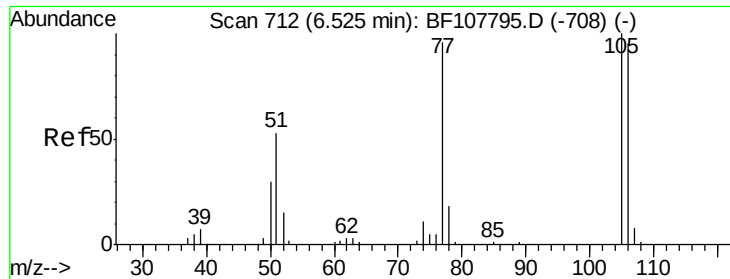


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.196 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampled :

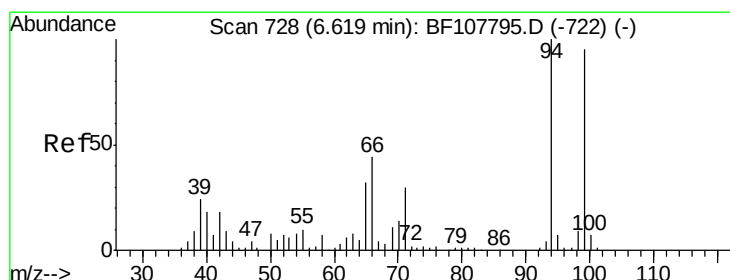
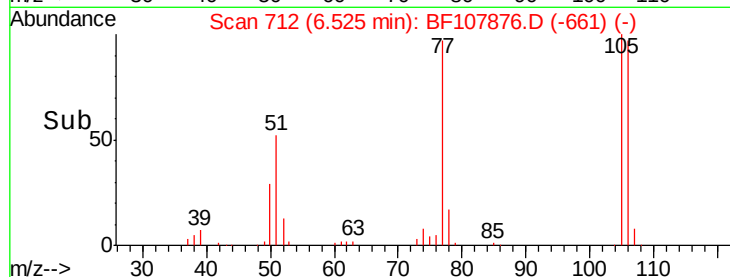
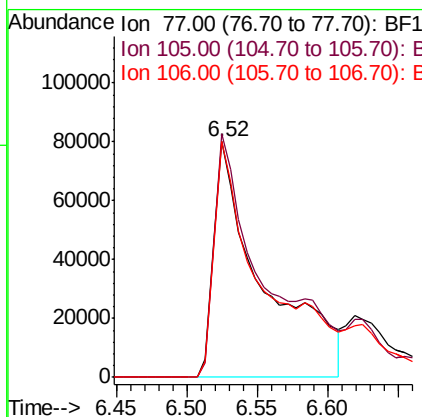
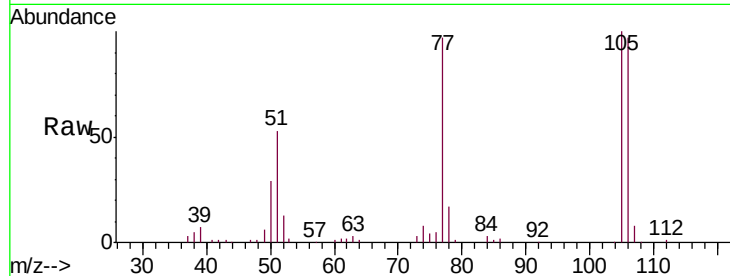
SSTDCCC040

Tgt Ion:	77	Resp:	196133
Ion	Ratio	Lower	Upper
77	100		
105	103.2	81.1	121.1
106	100.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 31.852 ng

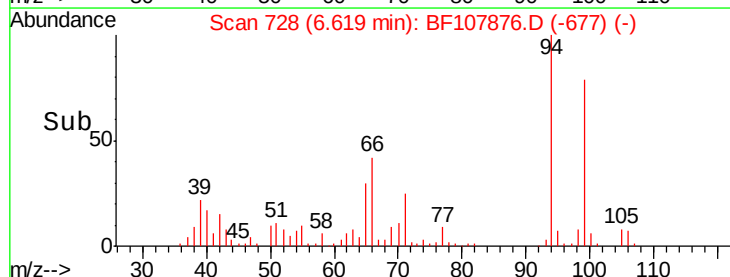
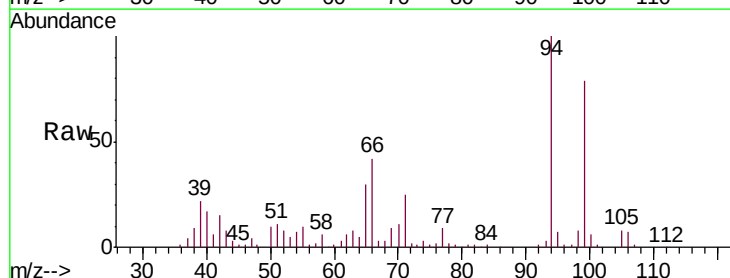
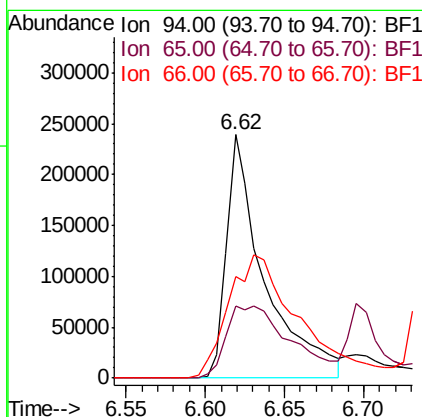
RT: 6.62 min Scan# 728

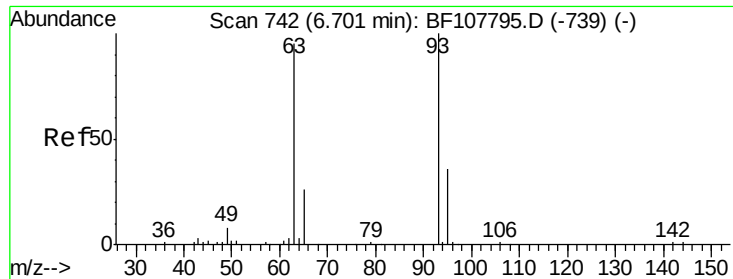
Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Tgt Ion:	94	Resp:	395817
Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	41.7	16.2	56.2





#11
bis(2-Chloroethyl)ether
Concen: 39.070 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

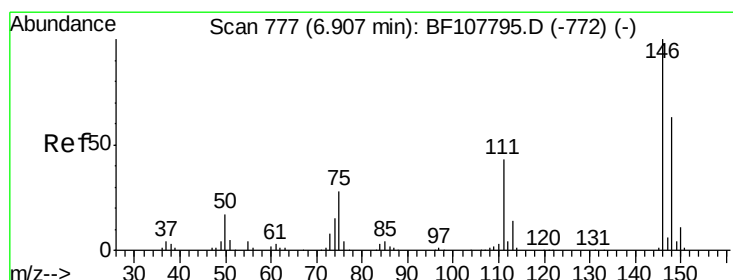
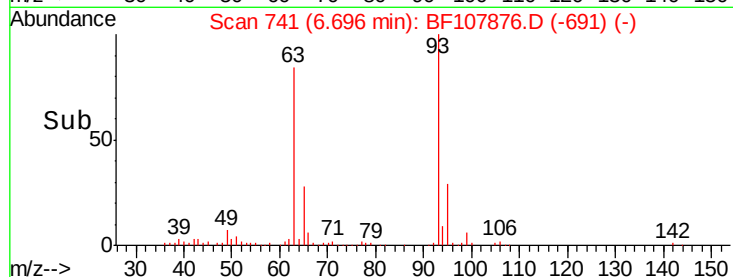
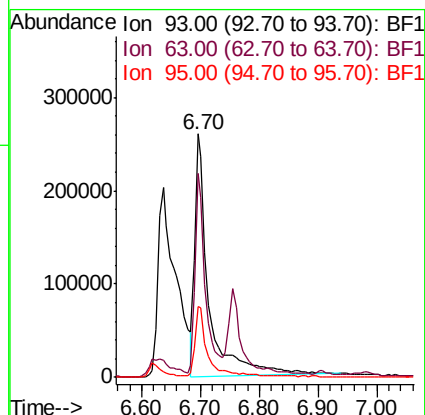
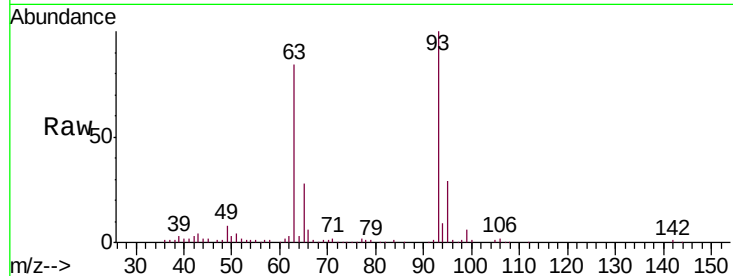
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	431723
Ion Ratio	Lower	Upper	
93	100		
63	83.8	58.6	98.6
95	29.2	11.8	51.8

Manual Integrations
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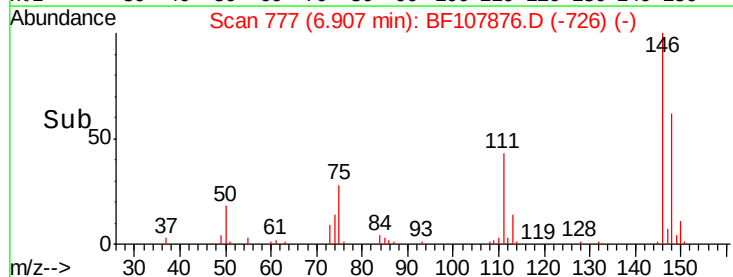
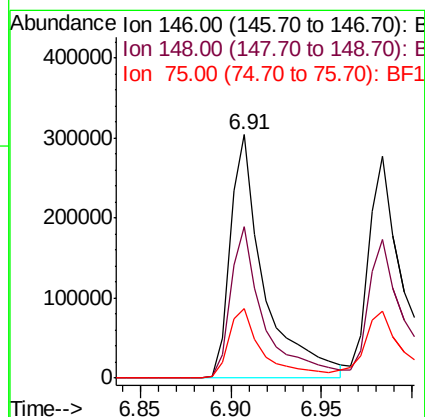
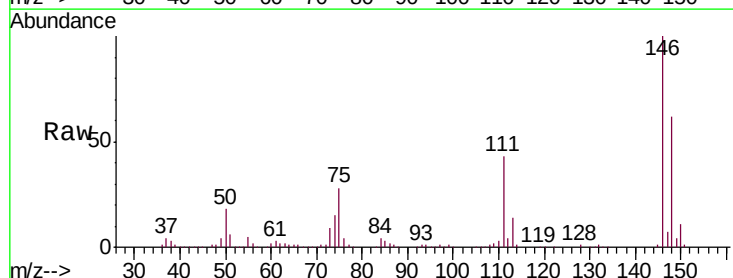
Sohil

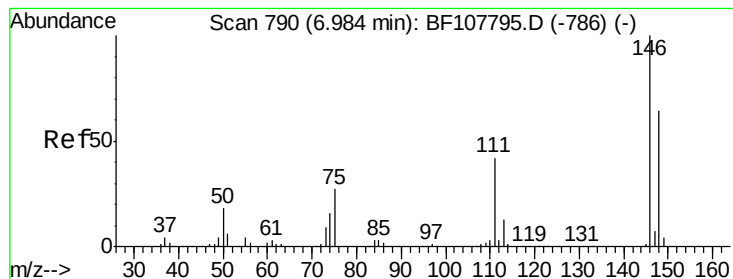
8/13/2018 12:44:30 PM



#12
1,3-Dichlorobenzene
Concen: 37.920 ng
RT: 6.91 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion:	146	Resp:	395003
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.8	77.8
75	28.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.480 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 446202
Ion Ratio Lower Upper

146 100

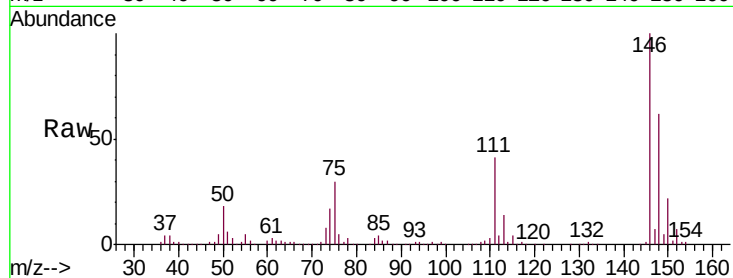
148 62.3 50.8 76.2

111 41.4 34.2 51.2

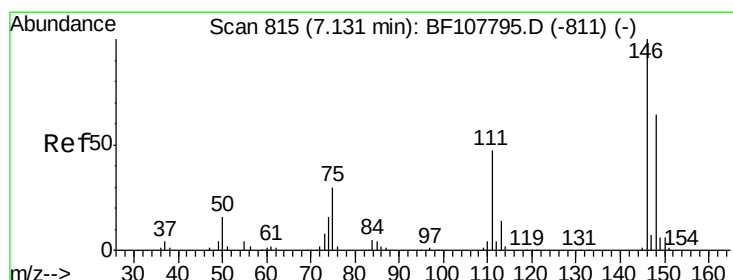
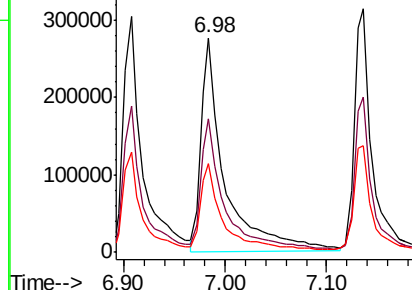
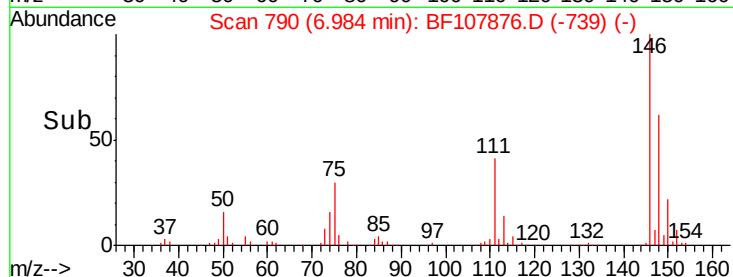
Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.774 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF107876.D

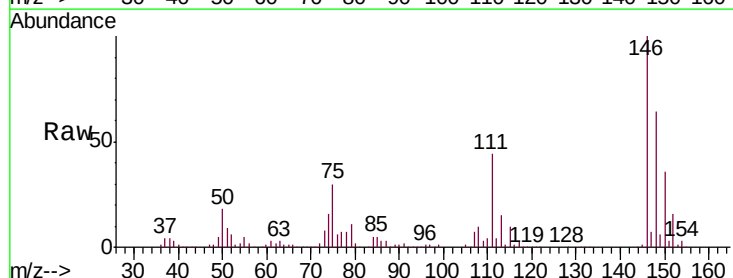
Acq: 1 Aug 2018 3:41

Tgt Ion:146 Resp: 395837
Ion Ratio Lower Upper

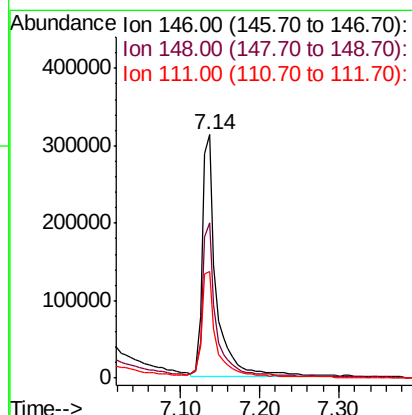
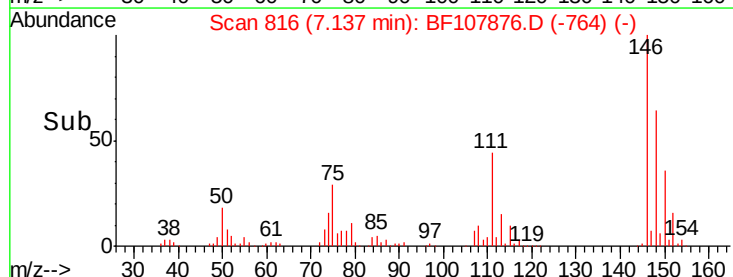
146 100

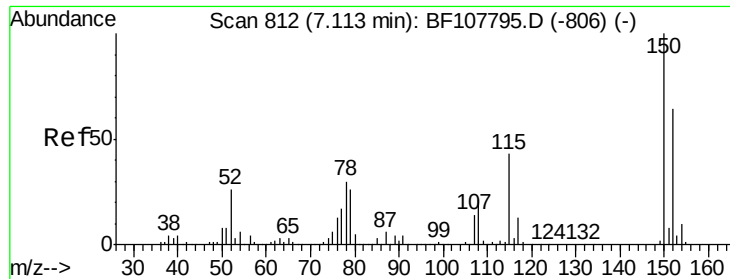
148 63.9 50.6 75.8

111 43.6 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15
Benzyl Alcohol
Concen: 35.936 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

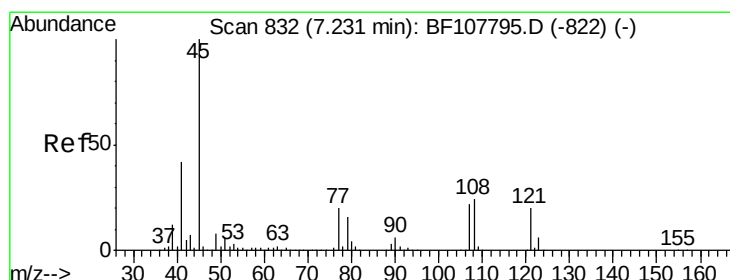
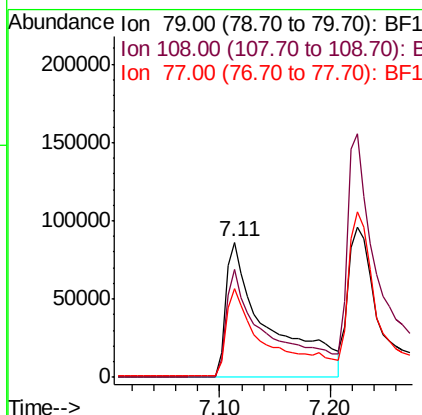
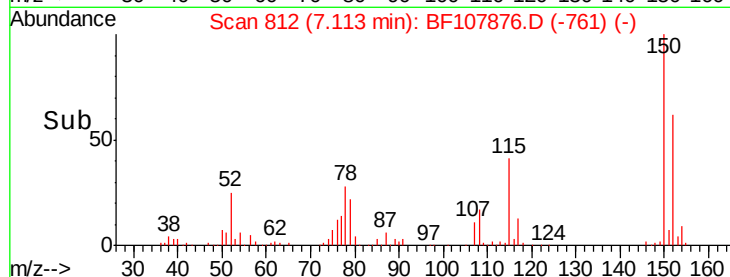
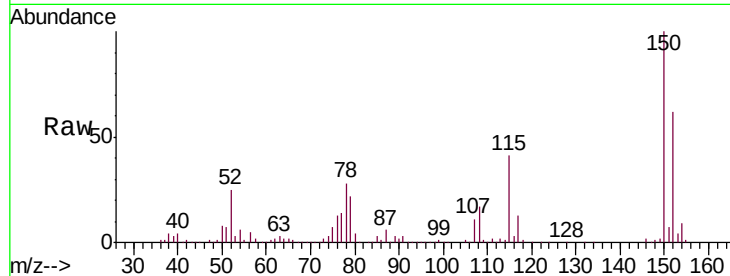
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	232753		
108	79.5	65.1	97.7	
77	65.3	50.6	75.8	

Manual Integrations
APPROVED

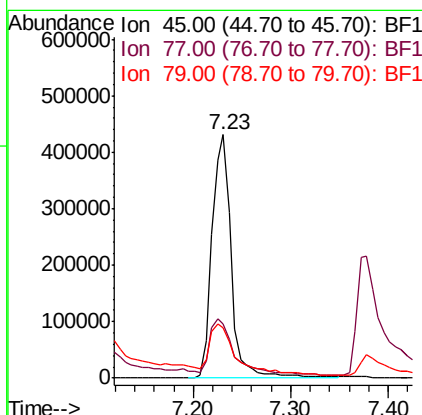
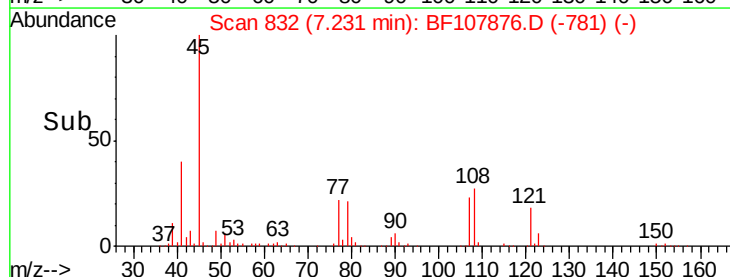
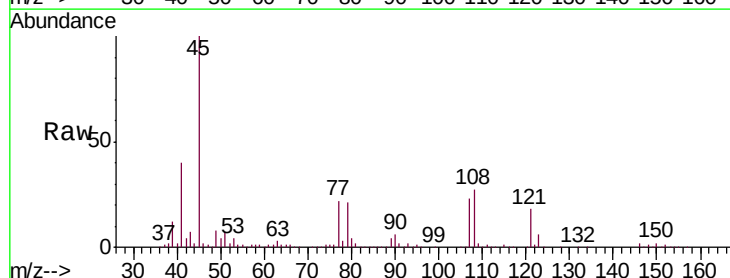
Sohil

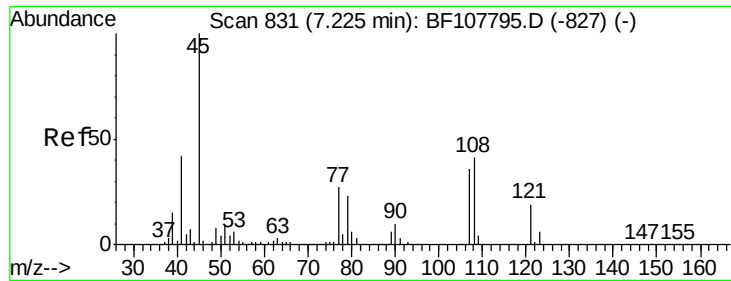
8/13/2018 12:44:30 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.065 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	588859		
77	22.3	0.0	32.9	
79	20.6	0.0	29.6	





#17
2-Methylphenol
Concen: 37.568 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

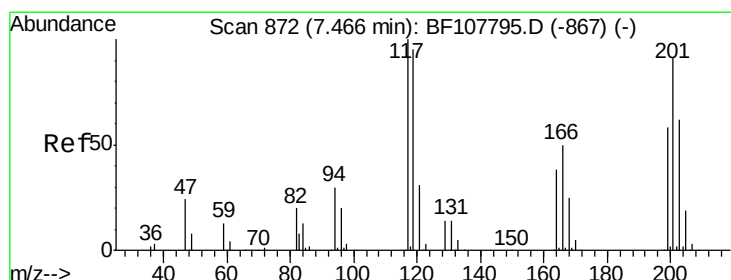
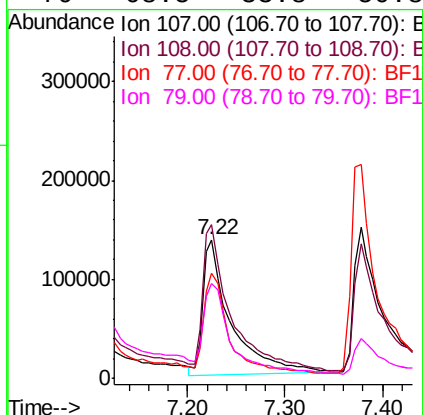
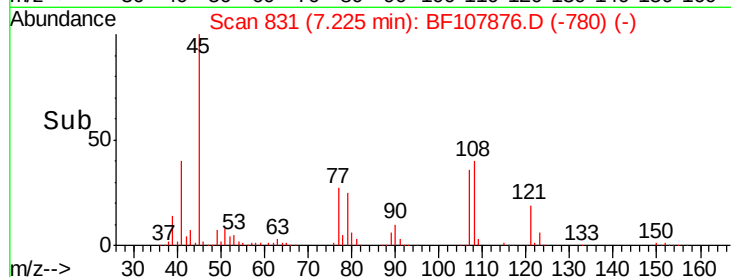
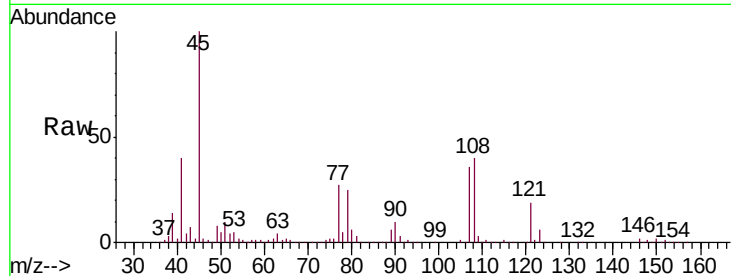
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	275442		
108	111.1	91.7	137.5	
77	75.7	33.8	50.8#	
79	68.5	33.8	50.8#	

Manual Integrations
APPROVED

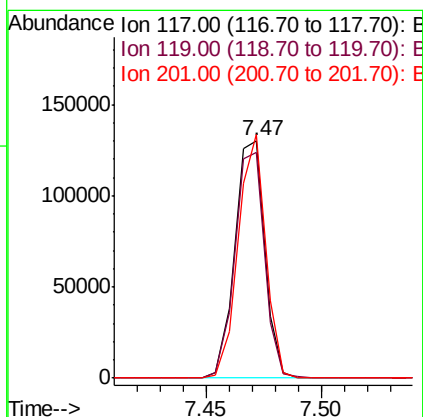
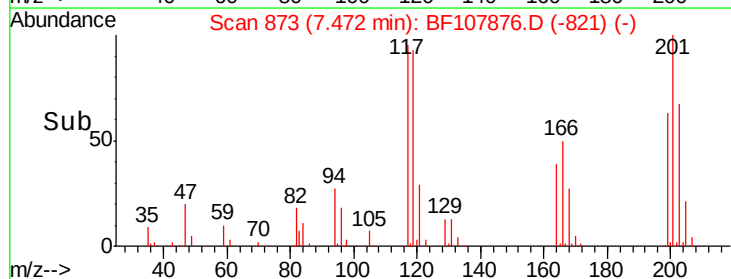
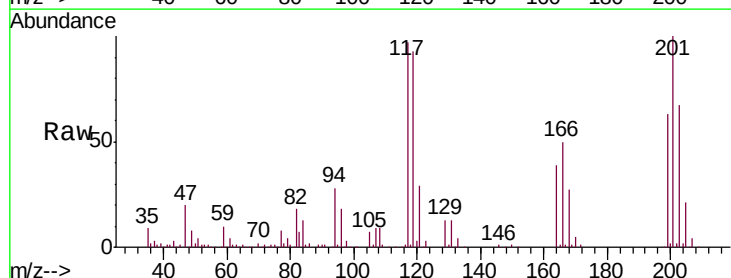
Sohil

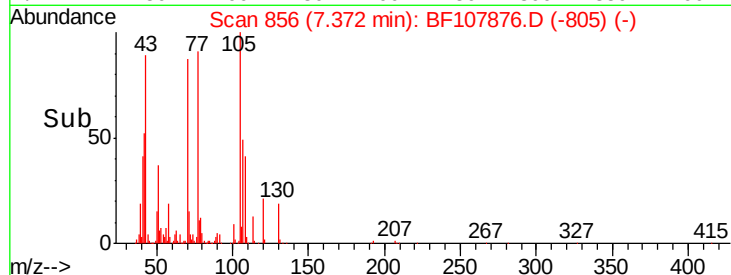
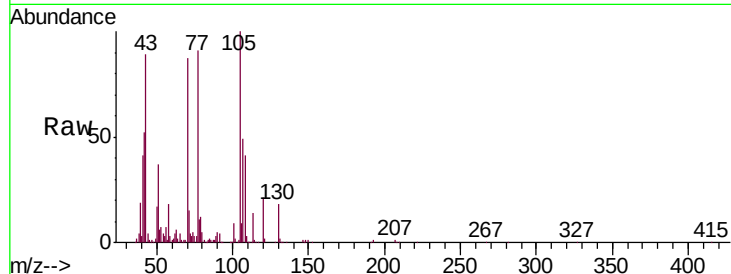
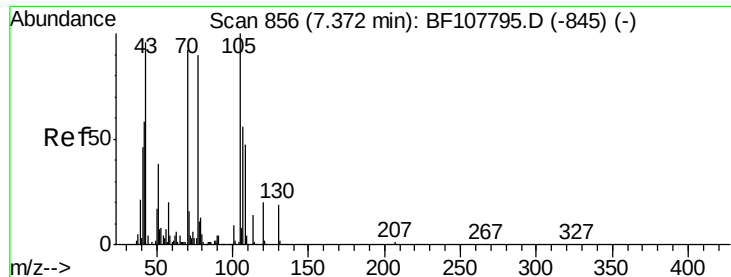
8/13/2018 12:44:30 PM



#18
Hexachloroethane
Concen: 28.396 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	118353		
119	95.2	75.8	113.8	
201	102.6	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 37.598 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

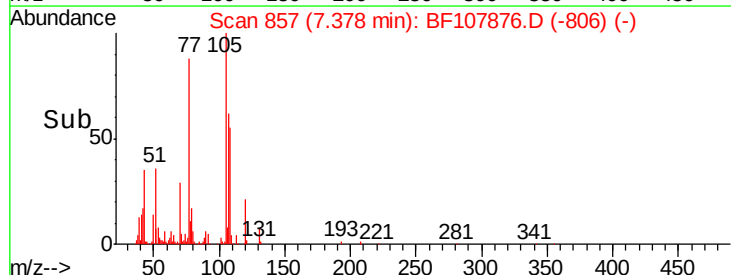
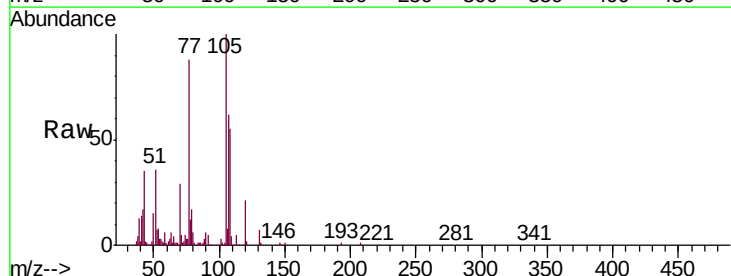
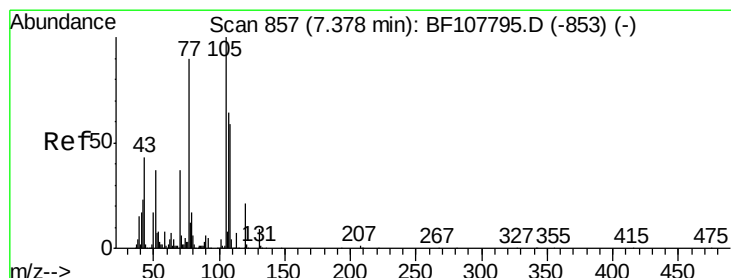
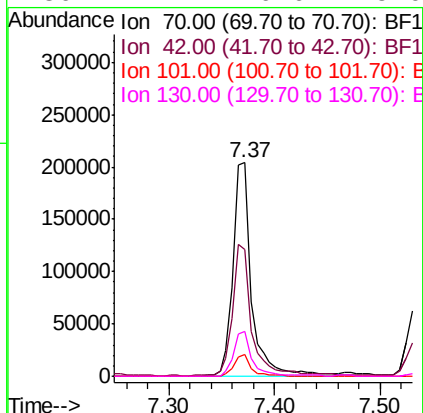
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.5	71.3
101	10.1	7.4	11.2
130	21.2	16.6	25.0

Manual Integrations
APPROVED

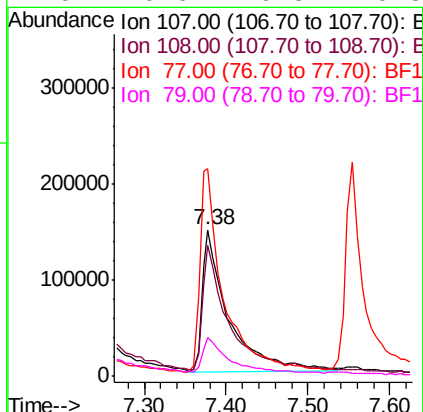
Sohil

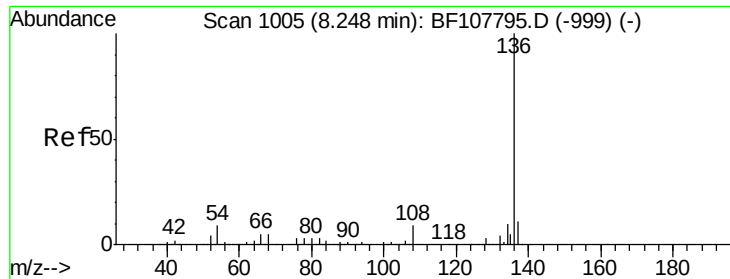
8/13/2018 12:44:30 PM



#20
3+4-Methylphenols
Concen: 36.462 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	141.7	26.7	66.7#
79	26.6	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

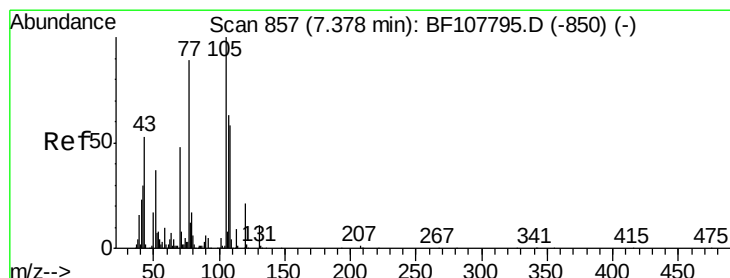
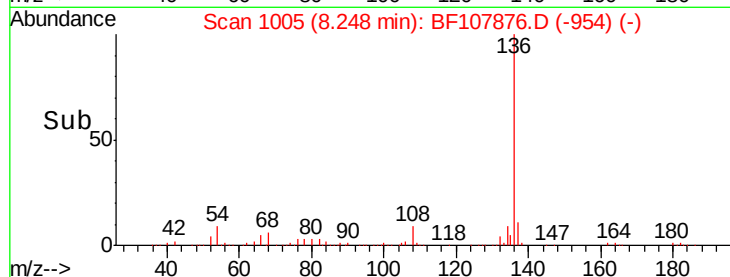
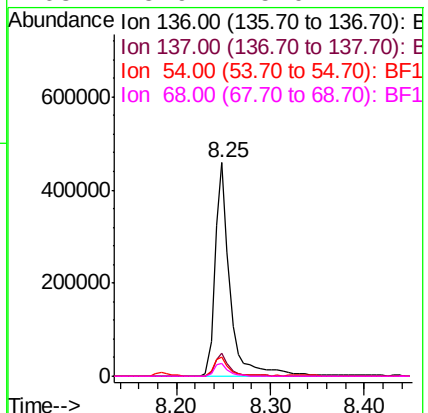
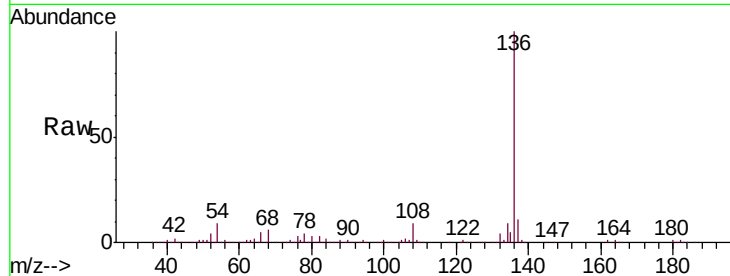
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	518170		
137	10.8	8.9	13.3	
54	9.0	6.6	9.8	
68	5.9	5.0	7.4	

Manual Integrations
APPROVED

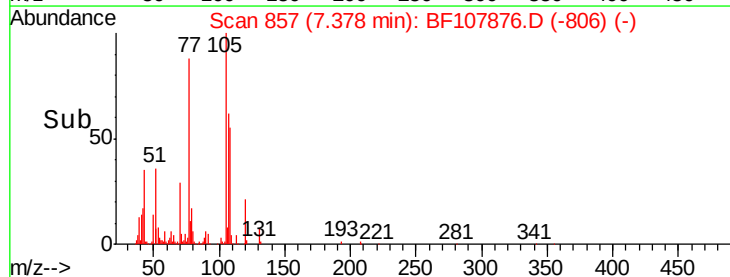
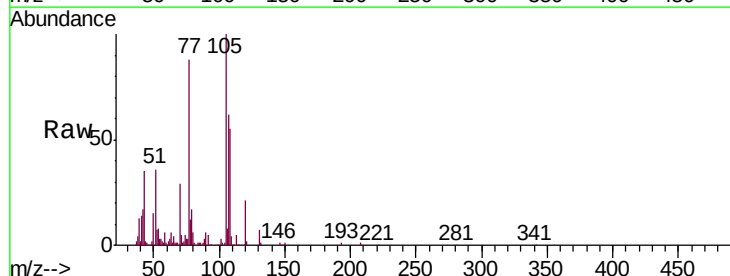
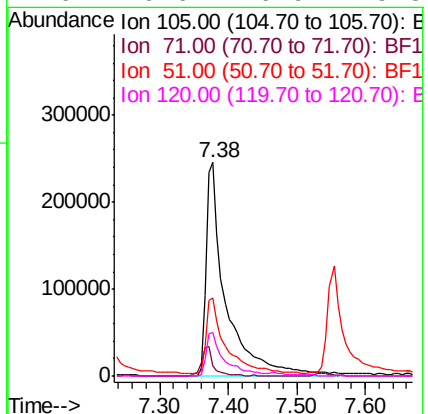
Sohil

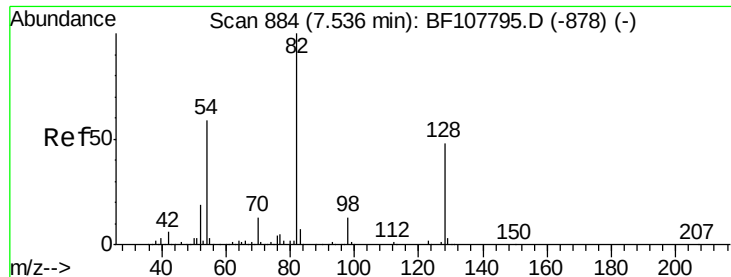
8/13/2018 12:44:30 PM



#22
Acetophenone
Concen: 39.417 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	491394		
71	4.8	4.4	6.6	
51	36.4	22.3	33.5	
120	20.6	16.9	25.3	





#23
 Nitrobenzene-d5
 Concen: 81.239 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

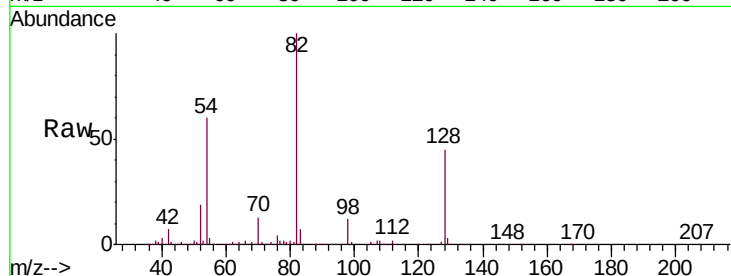
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	60.3	41.4	62.2

Manual Integrations
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Sohil

8/13/2018 12:44:30 PM

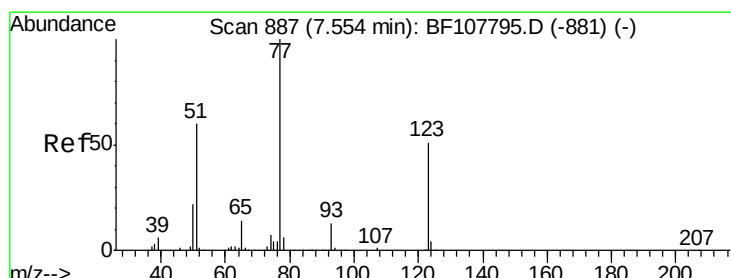
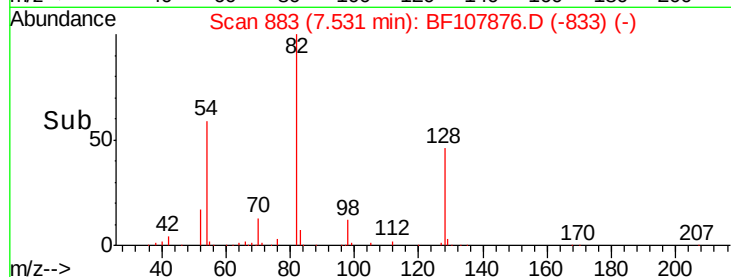
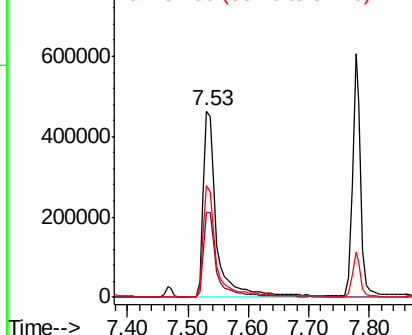


Abundance

Ion 82.00 (81.70 to 82.70): BF1

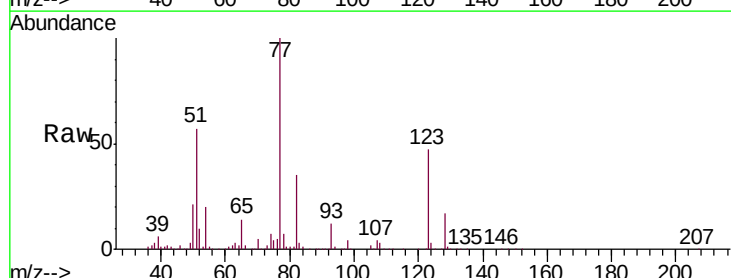
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 39.735 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.9	56.9
65	13.5	11.0	16.4

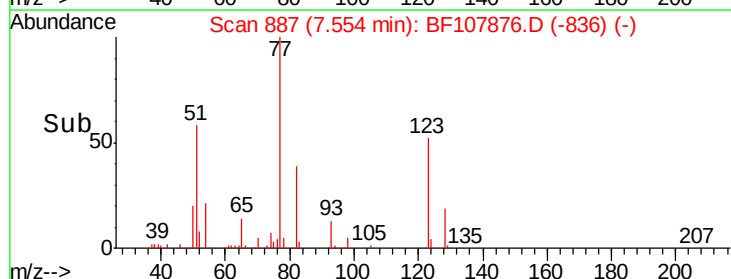
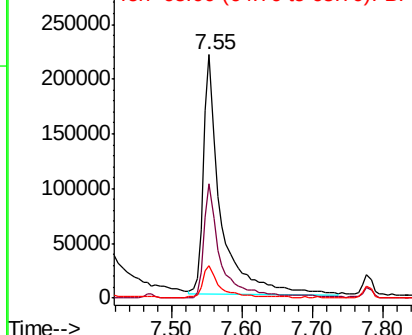


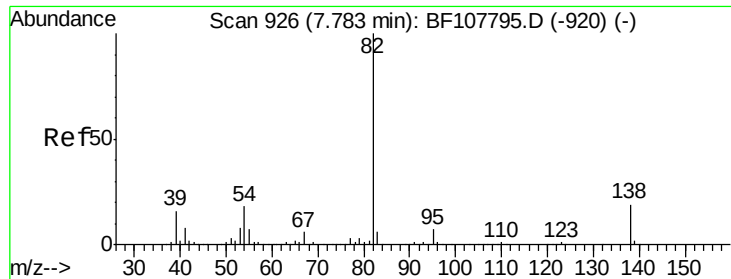
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.438 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 597040

Ion Ratio Lower Upper

82 100

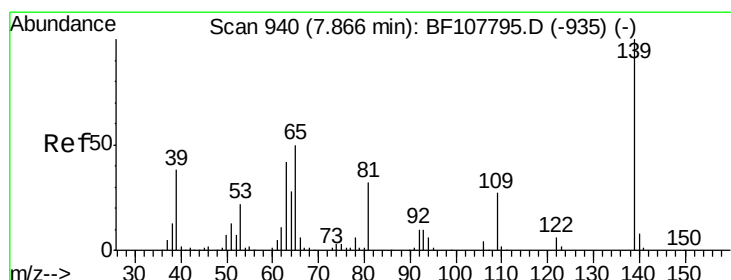
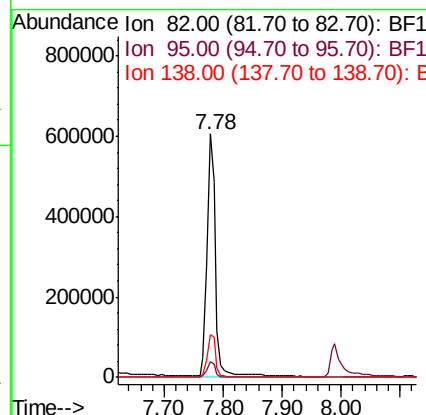
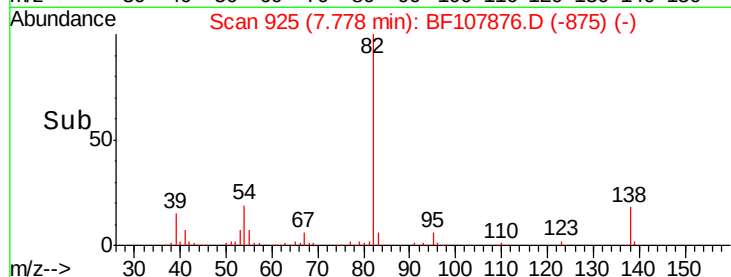
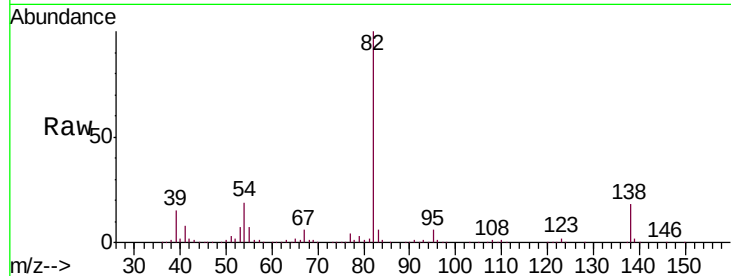
95 6.5 5.2 7.8

138 17.8 14.9 22.3

Manual Integrations
APPROVED

Sohil

8/13/2018 12:44:30 PM



#26

2-Nitrophenol

Concen: 33.429 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

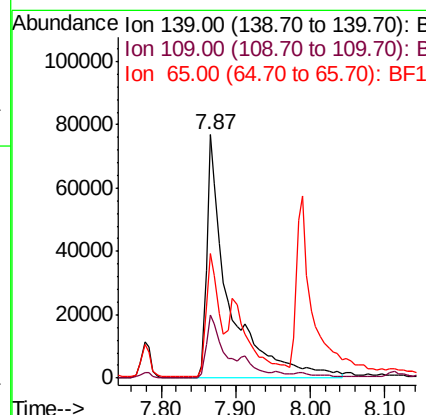
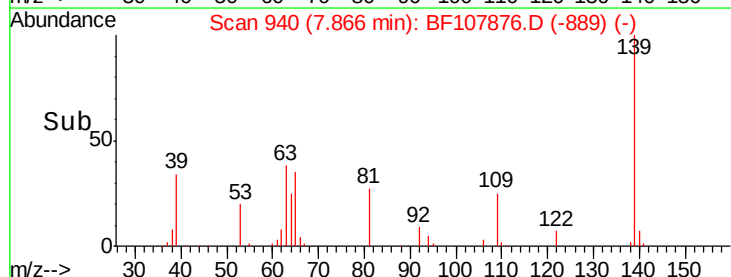
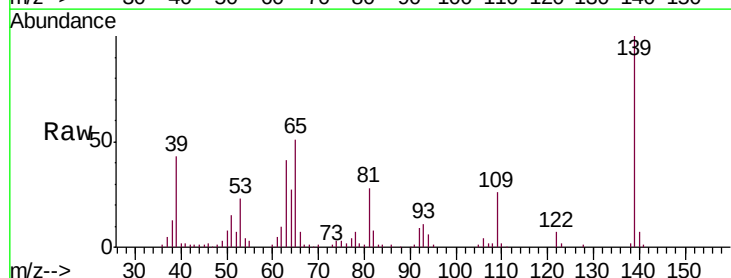
Tgt Ion: 139 Resp: 158226

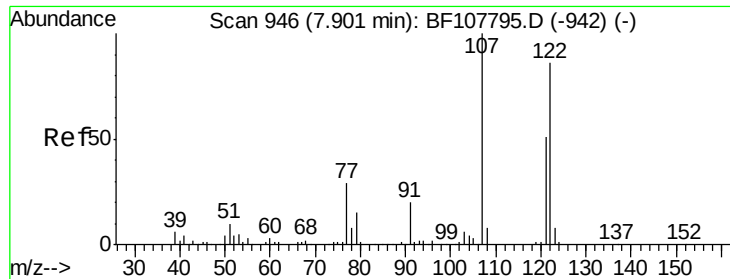
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 51.1 40.5 60.7





#27
2,4-Dimethylphenol
Concen: 37.060 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

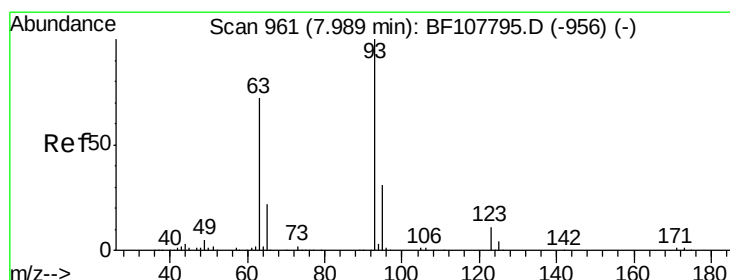
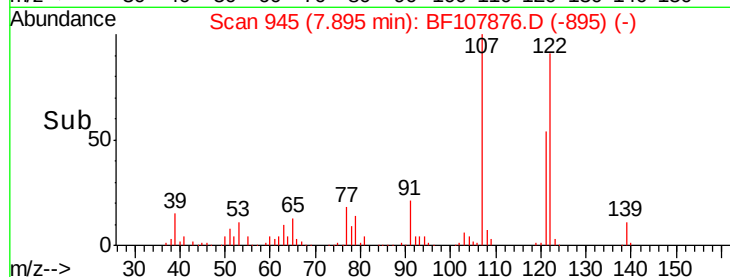
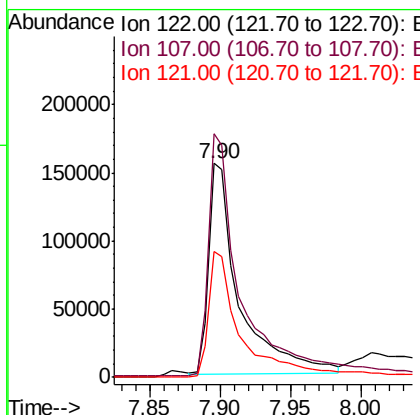
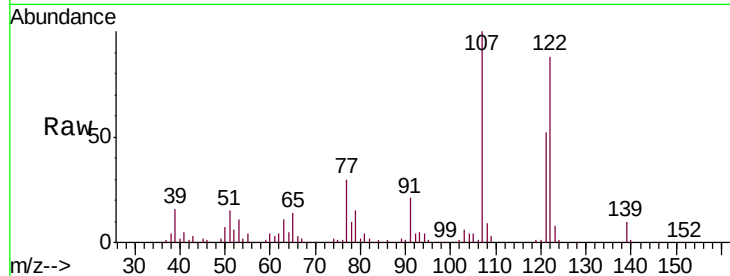
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	234851		
107	113.9	91.2	136.8	
121	59.0	47.2	70.8	

Manual Integrations
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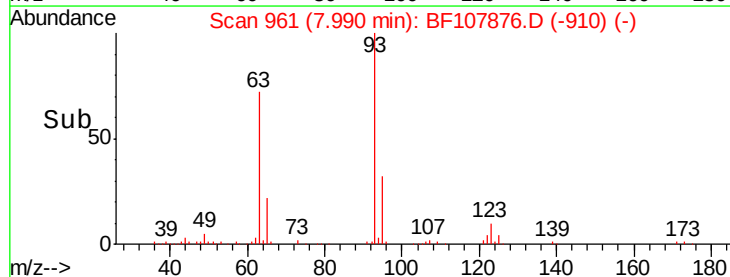
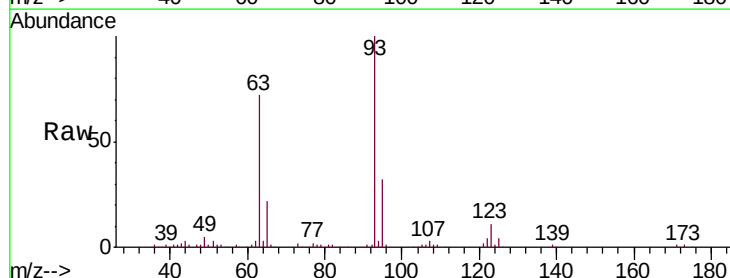
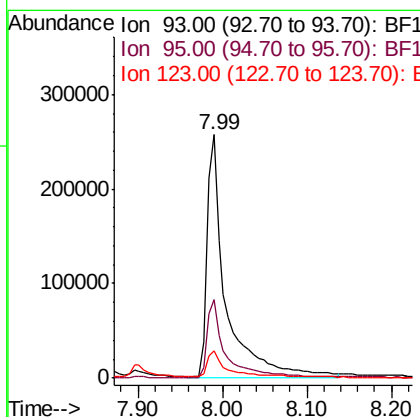
Sohil

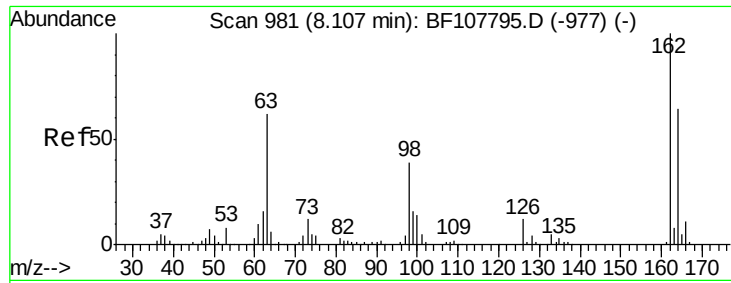
8/13/2018 12:44:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.682 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	395827		
95	32.3	26.3	39.5	
123	11.1	9.8	14.6	





#29
2,4-Dichlorophenol
Concen: 38.246 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

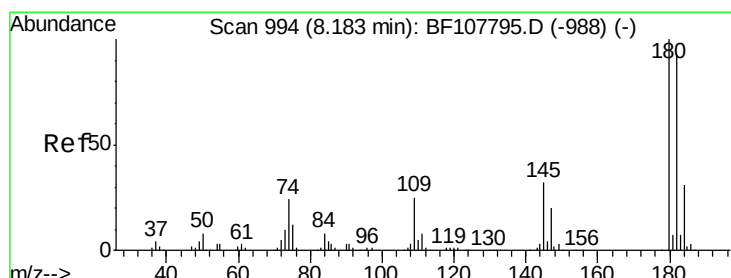
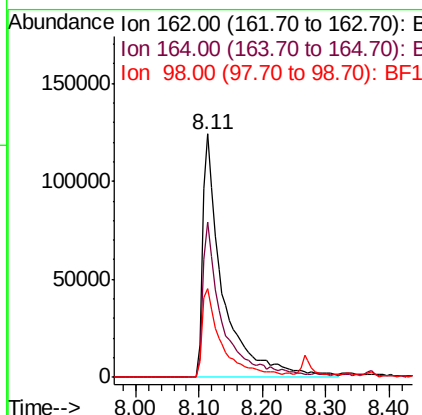
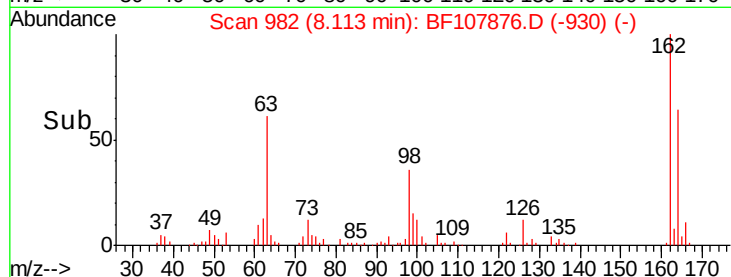
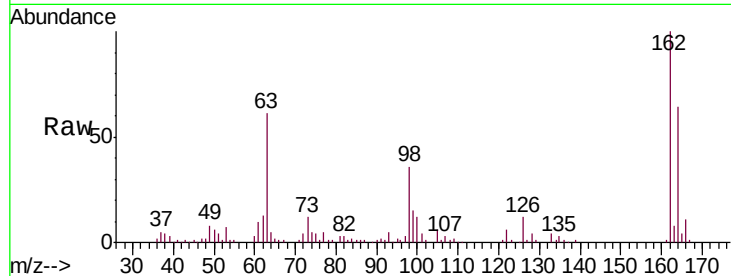
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	162	Resp:	274146
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	36.4	18.1	58.1

Manual Integrations
APPROVED

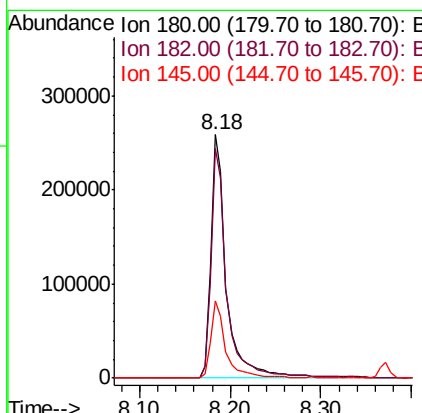
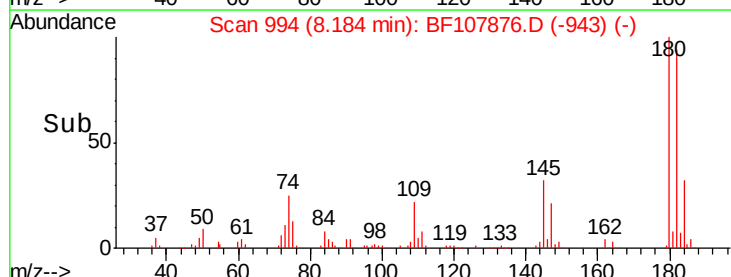
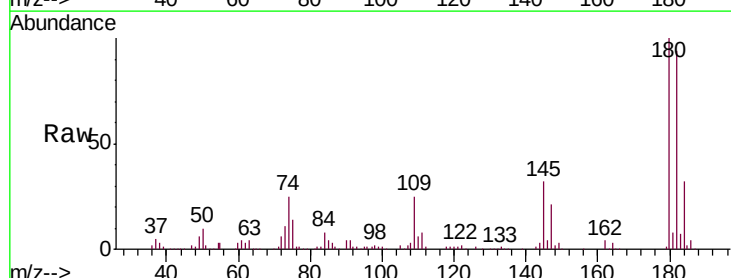
Sohil

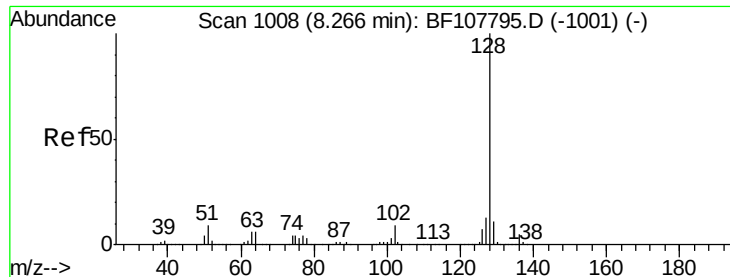
8/13/2018 12:44:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.271 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion:	180	Resp:	312956
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	31.8	26.5	39.7





#31
Naphthalene
Concen: 39.689 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

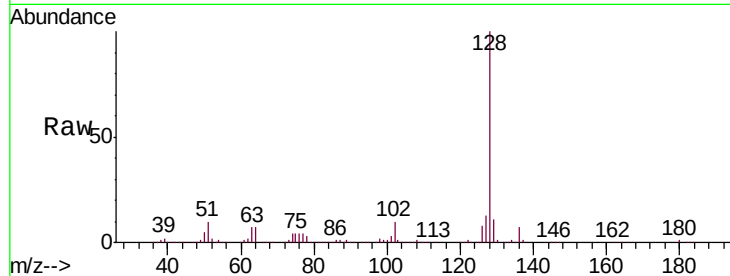
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	955975		
129	10.9	8.8	13.2	
127	13.2	10.9	16.3	

Manual Integrations
APPROVED

Sohil

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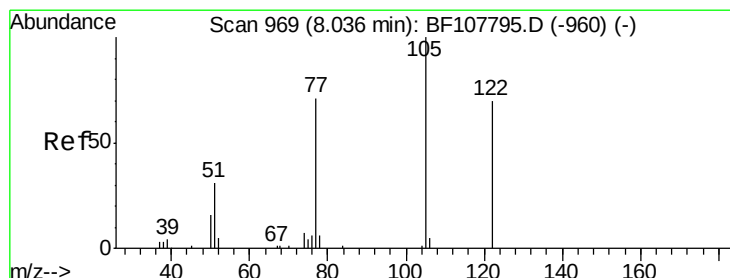
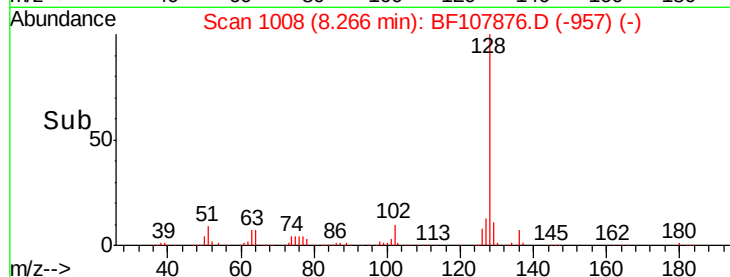
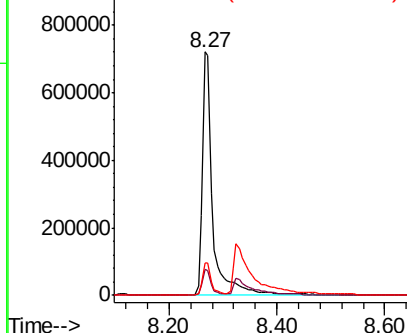


Abundance

Ion 128.00 (127.70 to 128.70): E

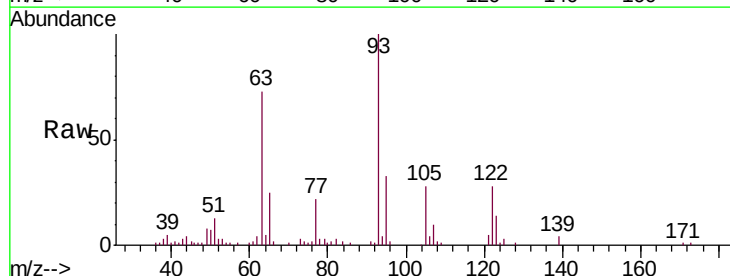
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.577 ng m
RT: 8.01 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	97697		
105	100.4	101.1	141.1#	
77	80.0	70.7	110.7	

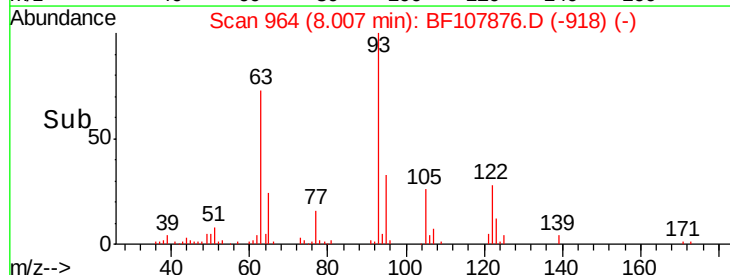
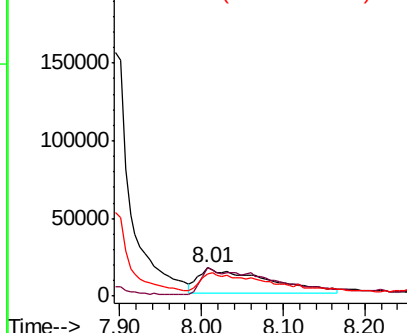


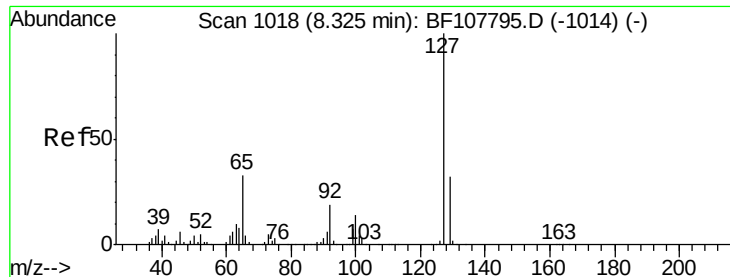
Abundance

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: 35.459 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

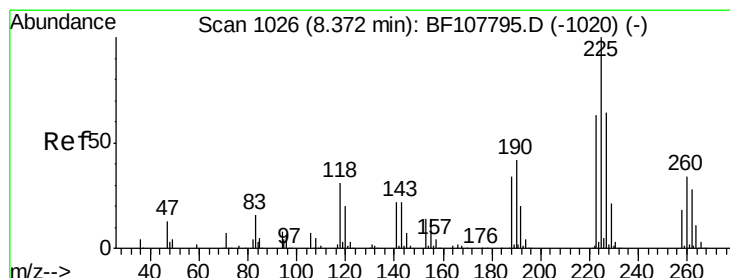
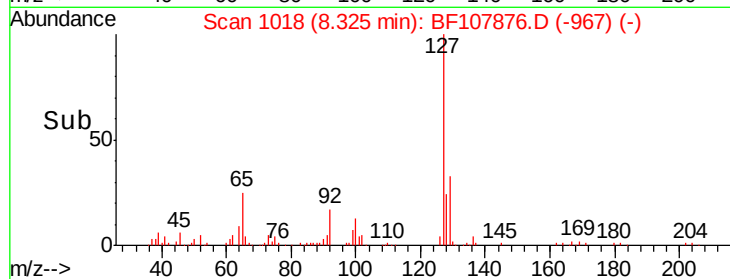
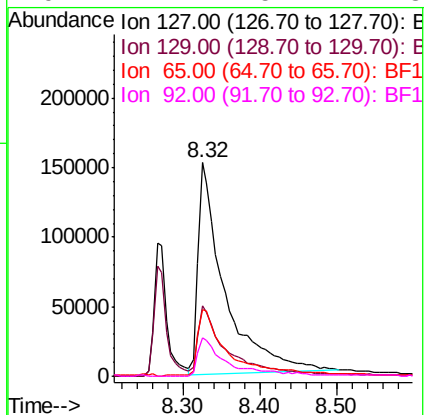
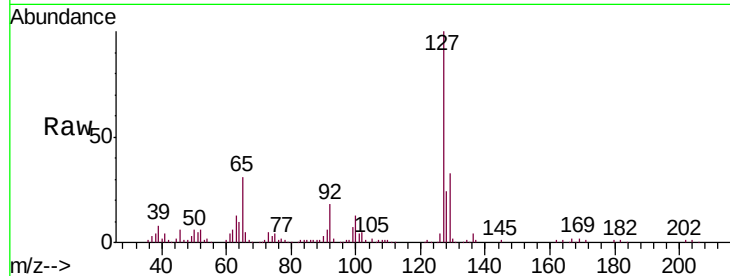
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	364813		
129	32.8	25.9	38.9	
65	30.9	25.0	37.4	
92	17.7	15.2	22.8	

Manual Integrations
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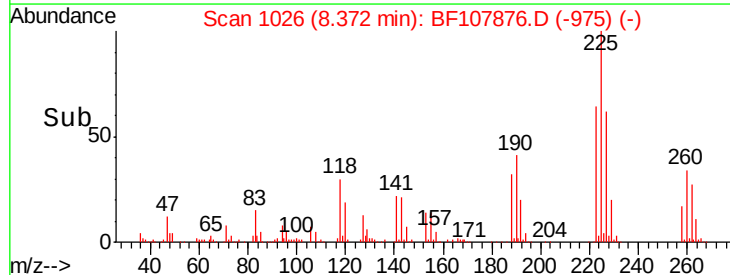
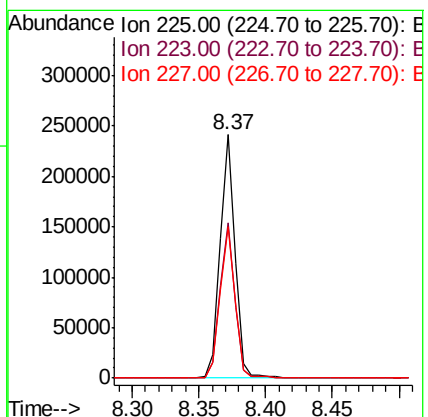
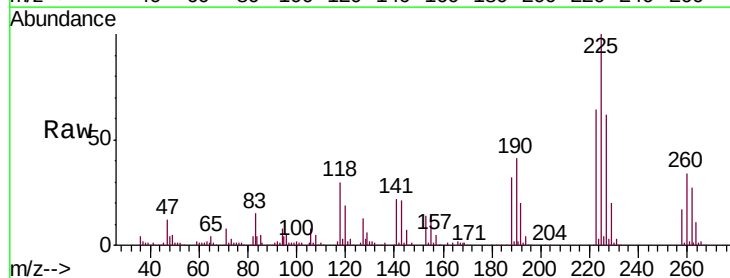
Sohil

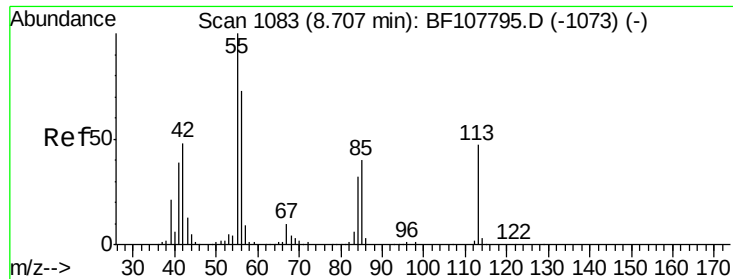
8/13/2018 12:44:30 PM



#34
Hexachlorobutadiene
Concen: 38.187 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	192970		
223	64.0	50.6	76.0	
227	62.3	51.9	77.9	





#35
 Caprolactam
 Concen: 34.585 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

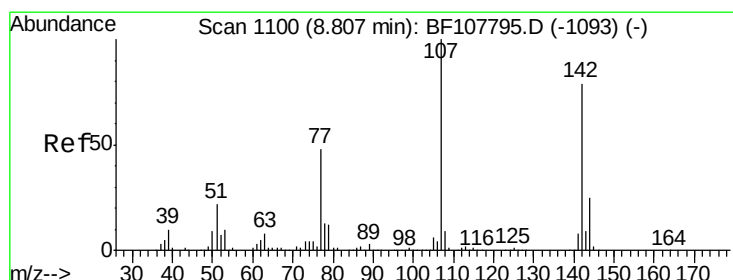
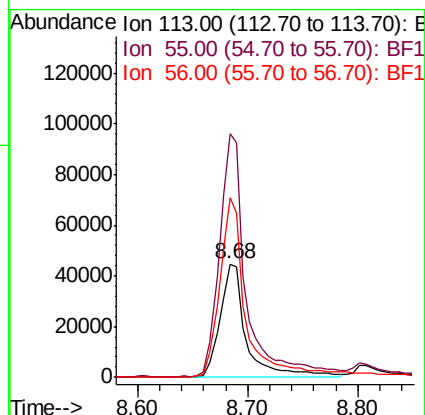
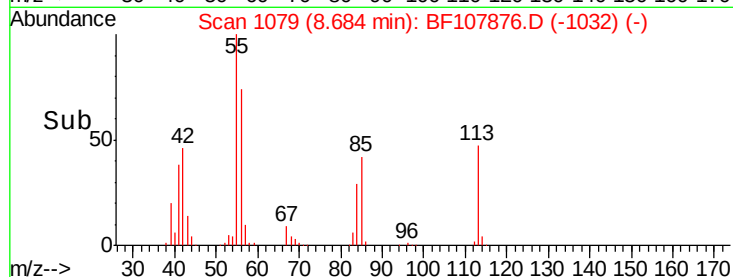
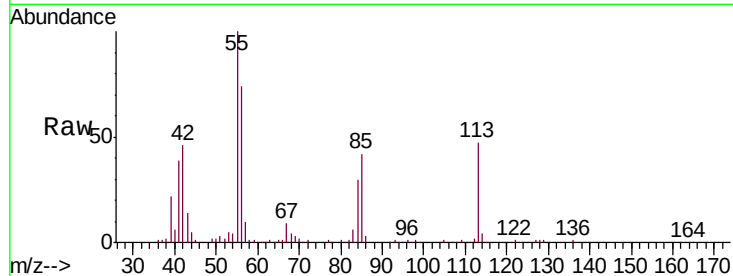
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:113 Resp: 74629
 Ion Ratio Lower Upper
 113 100
 55 214.4 163.3 203.3#
 56 158.7 115.7 155.7#

Manual Integrations
 APPROVED

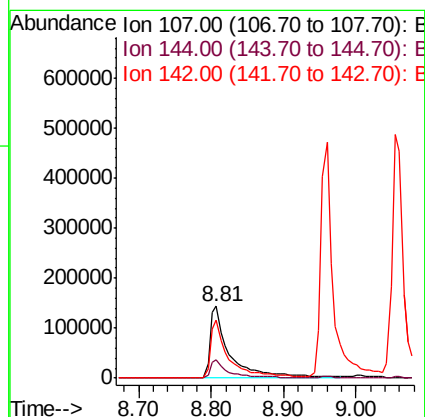
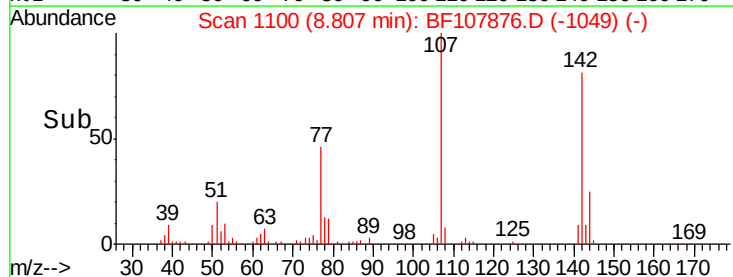
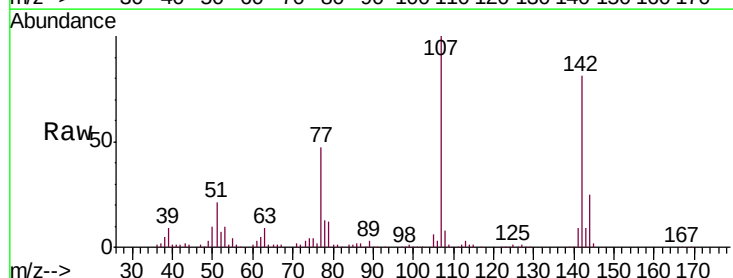
Sohil

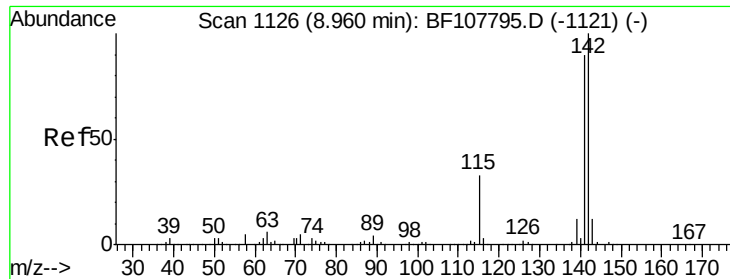
8/13/2018 12:44:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.582 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion:107 Resp: 269214
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 80.9 62.0 93.0





#37
 2-Methylnaphthalene
 Concen: 36.941 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

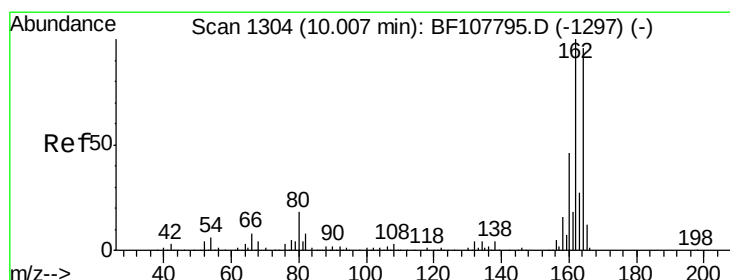
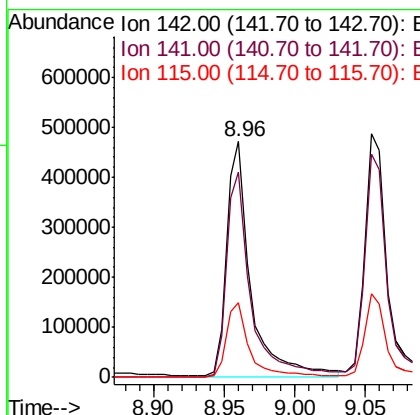
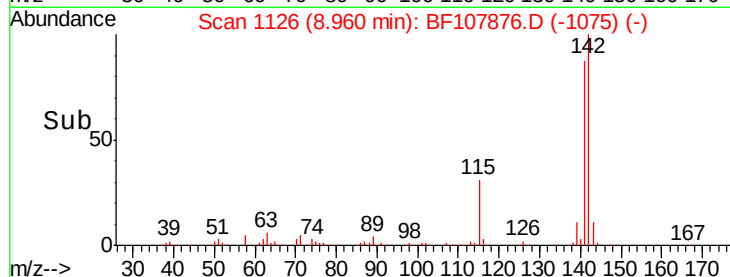
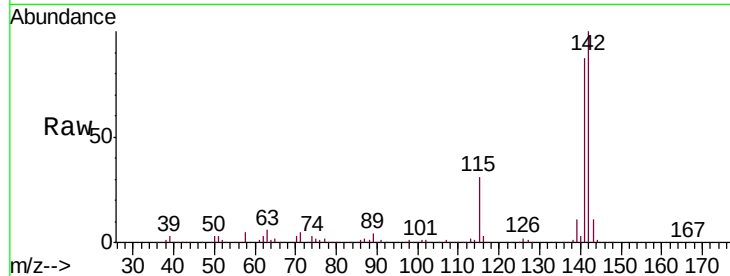
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	558920		
141	86.8	70.8	106.2	
115	31.4	26.1	39.1	

Manual Integrations
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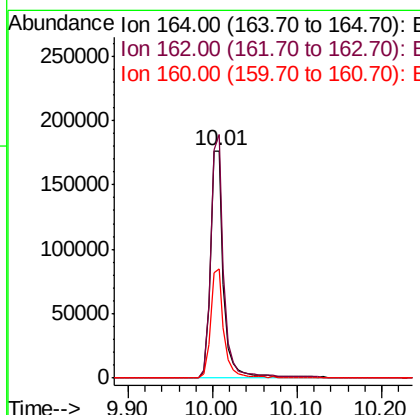
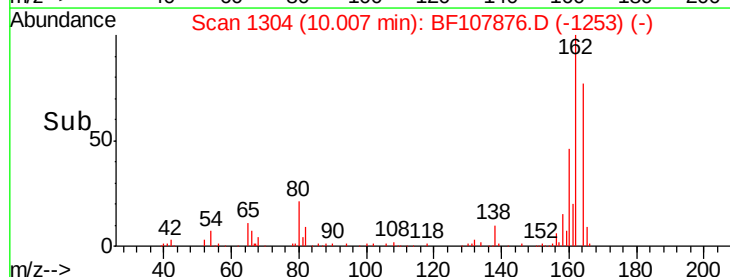
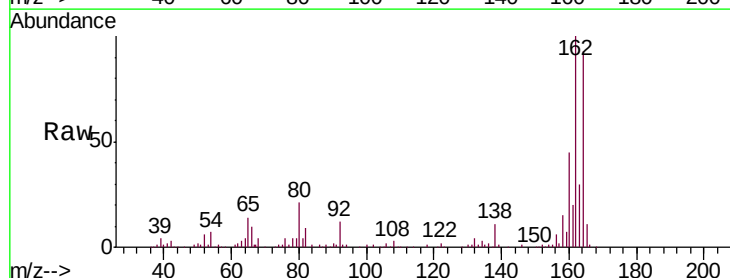
Sohil

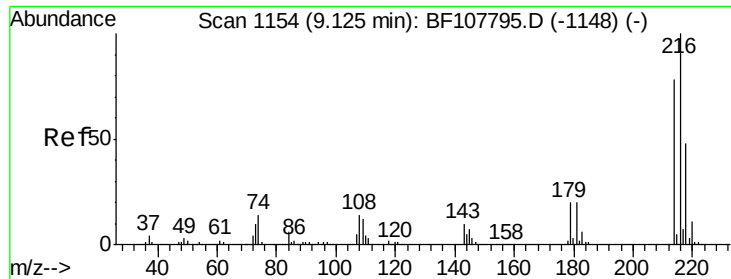
8/13/2018 12:44:30 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	197062		
162	107.1	86.1	129.1	
160	48.2	38.3	57.5	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.579 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

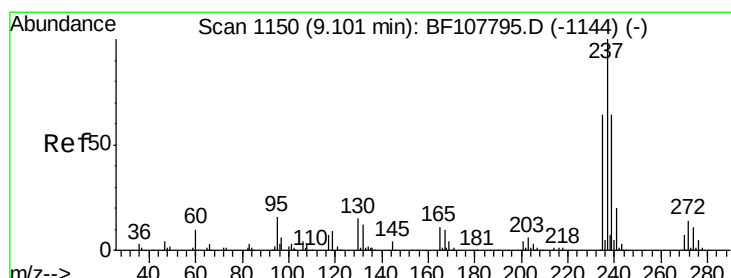
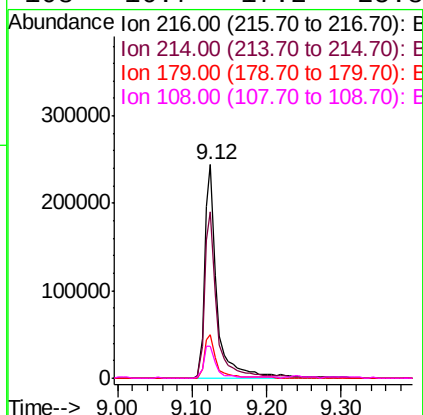
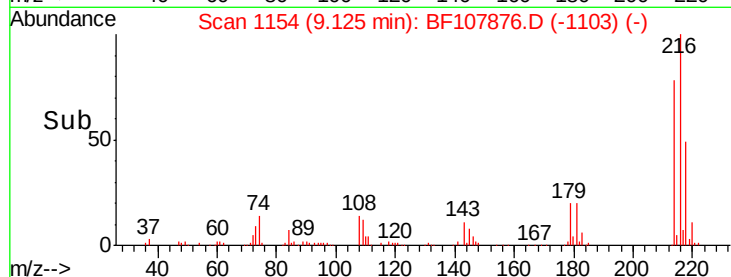
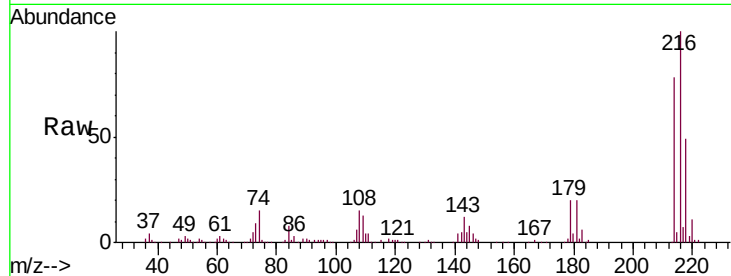
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	286084		
214	79.5	63.0	94.4	
179	20.6	18.1	27.1	
108	16.7	17.2	25.8	

Manual Integrations
 APPROVED

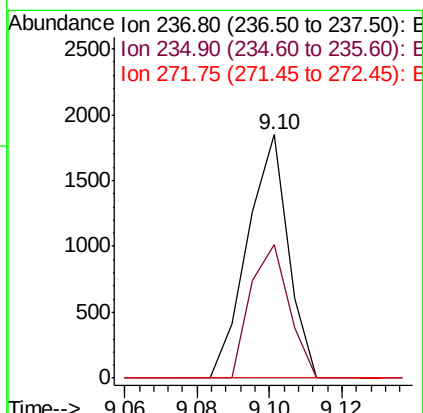
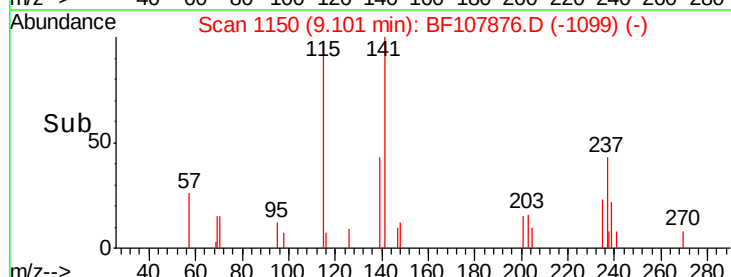
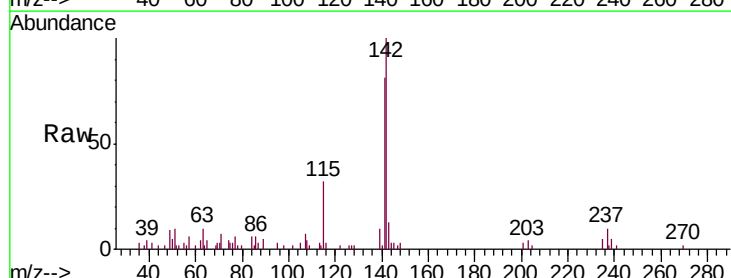
Sohil

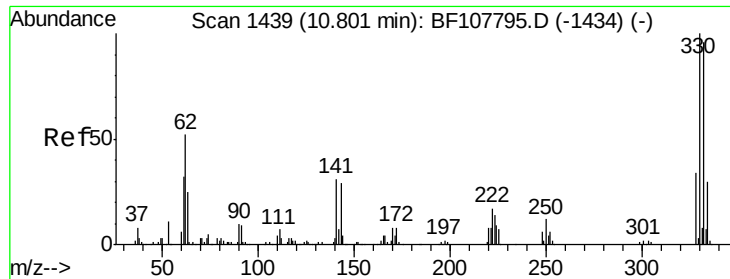
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#40
 Hexachlorocyclopentadiene
 Concen: 7.873 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1461		
235	54.9	44.8	84.8	
272	0.0	0.0	33.3	





#41
 2,4,6-Tribromophenol
 Concen: 65.458 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

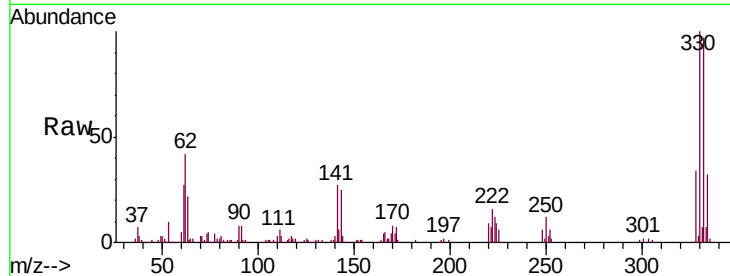
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	175274		
332	96.8	77.0	115.6	
141	26.3	29.9	44.9	

Manual Integrations
 APPROVED

Sohil

8/13/2018 12:44:30 PM

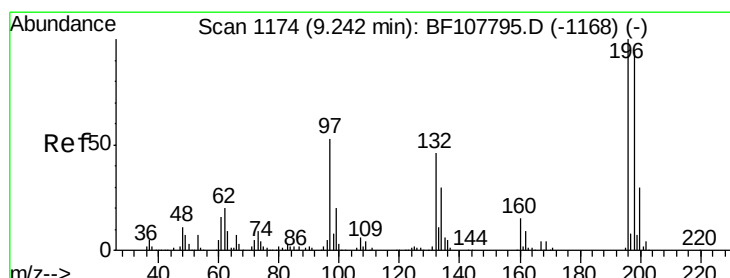
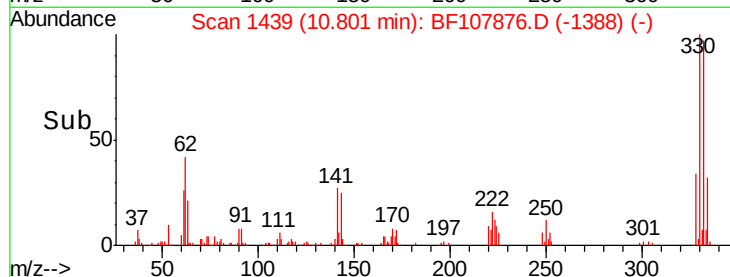
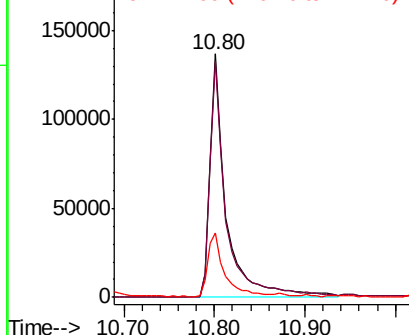


Abundance

Ion 329.80 (329.50 to 330.50): E

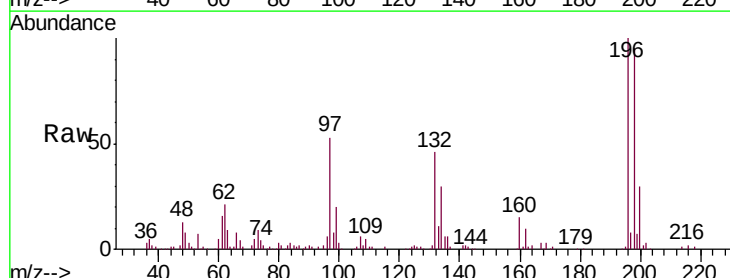
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.738 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151315		
198	94.7	75.7	113.5	
200	29.7	24.5	36.7	

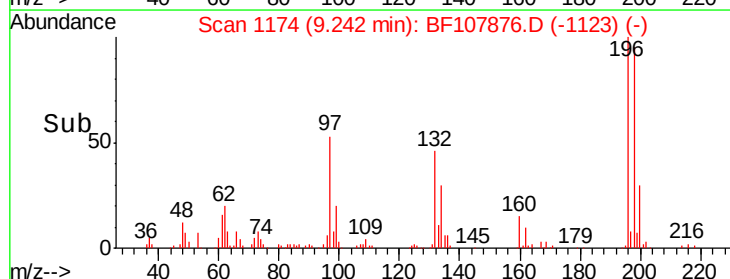
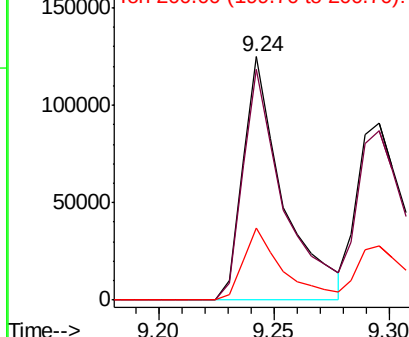


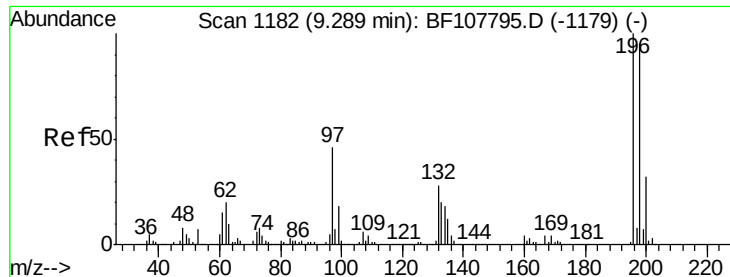
Abundance

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: 36.142 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

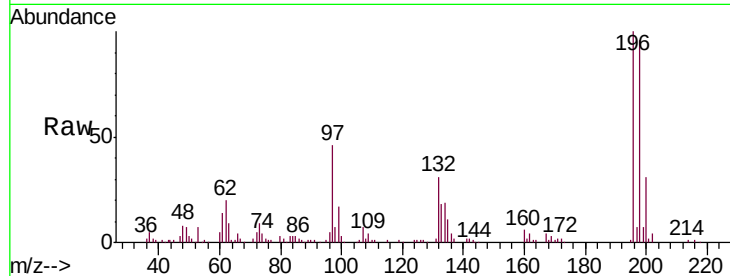
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161614		
198	95.6	74.6	112.0	
97	46.1	42.9	64.3	
132	31.1	26.3	39.5	

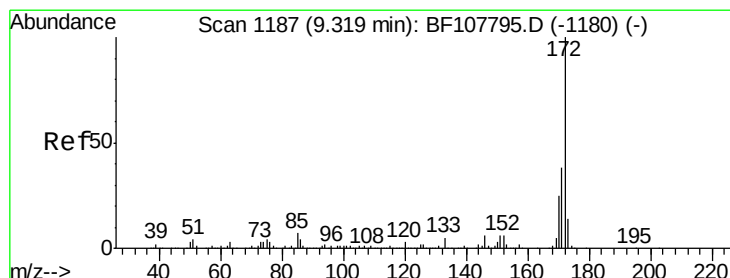
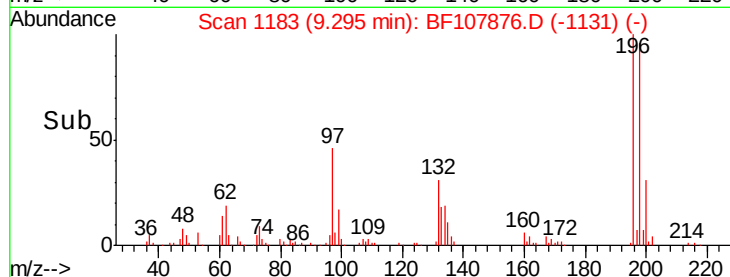
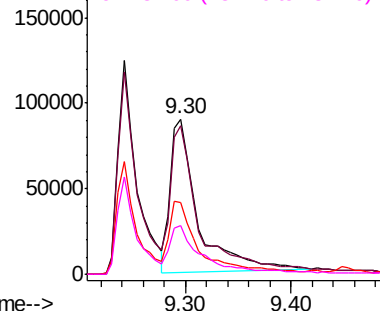
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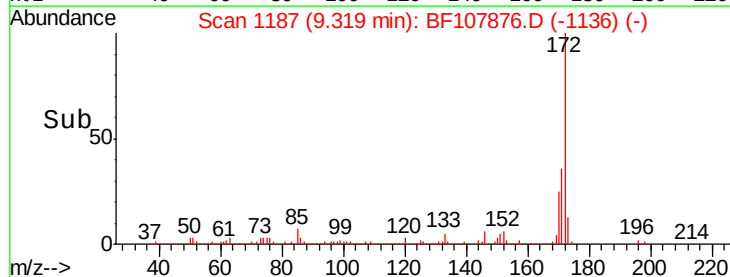
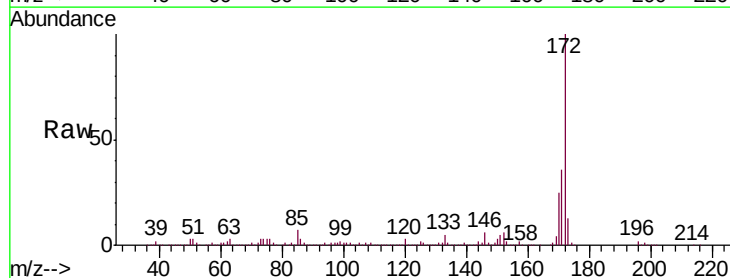
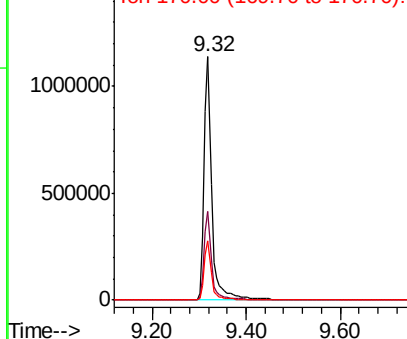
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

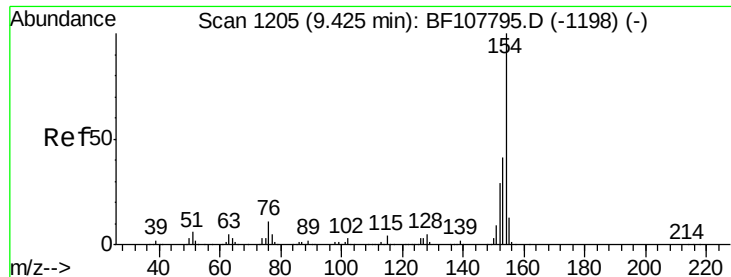


#44
2-Fluorobiphenyl
Concen: 90.676 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1282307		
171	36.3	29.7	44.5	
170	24.5	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: 42.855 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

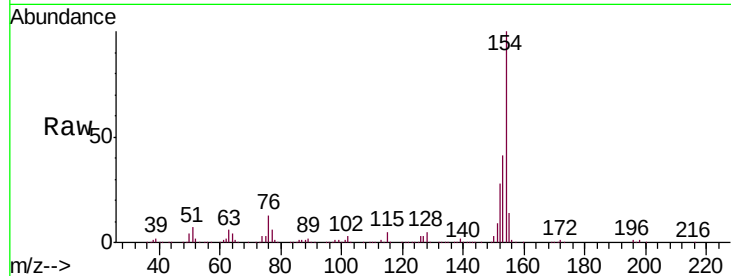
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	768559		
153	40.8	21.3	61.3	
76	13.3	0.0	34.0	

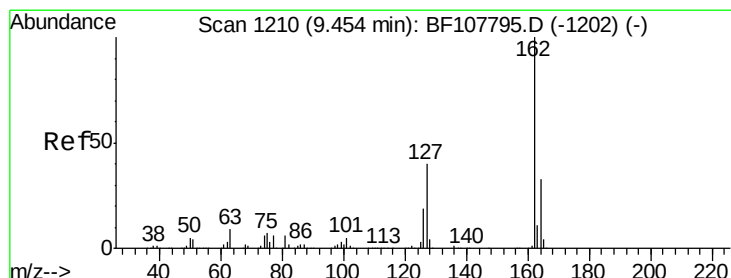
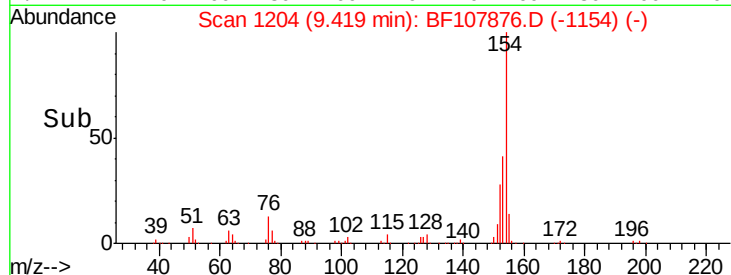
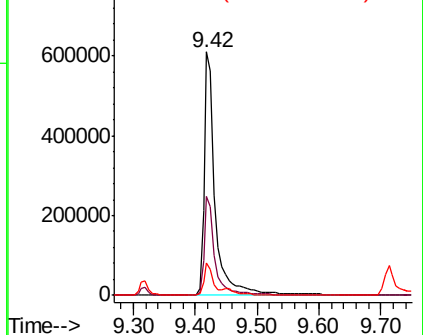
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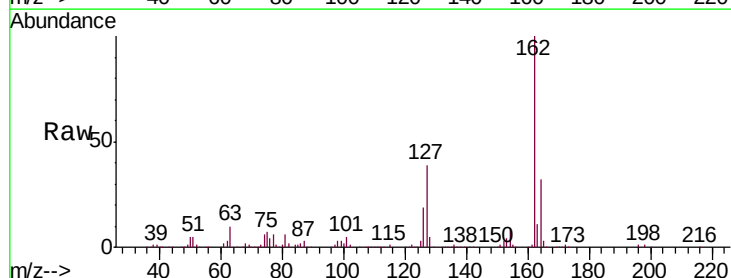


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

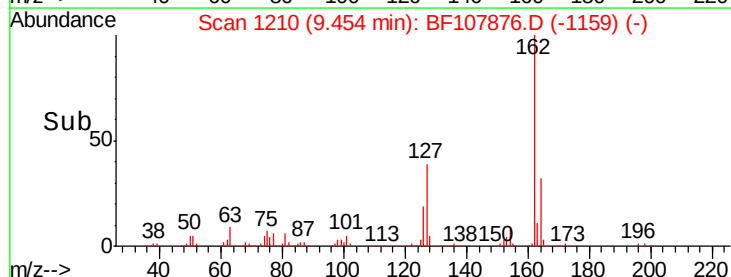
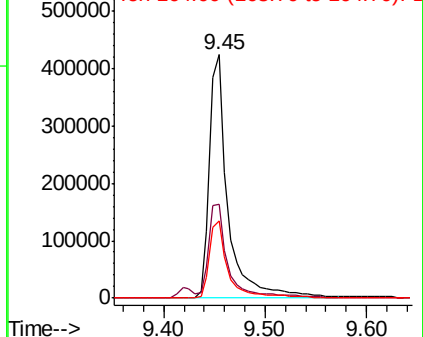


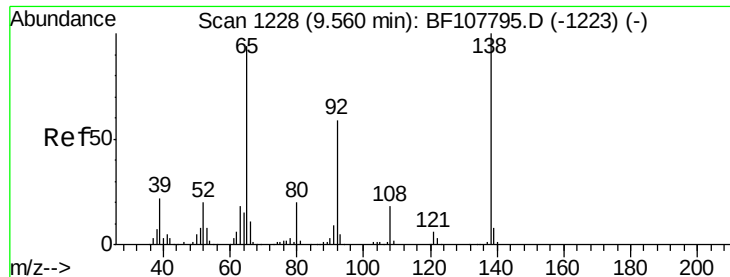
#46
 2-Chloronaphthalene
 Concen: 40.454 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	547088		
127	38.6	33.9	50.9	
164	31.8	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: 41.071 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

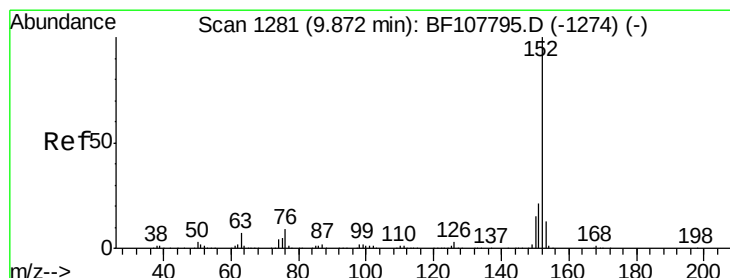
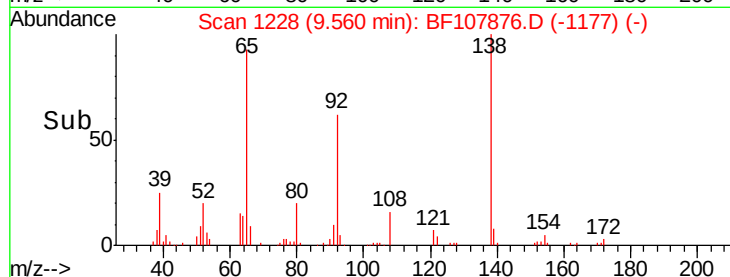
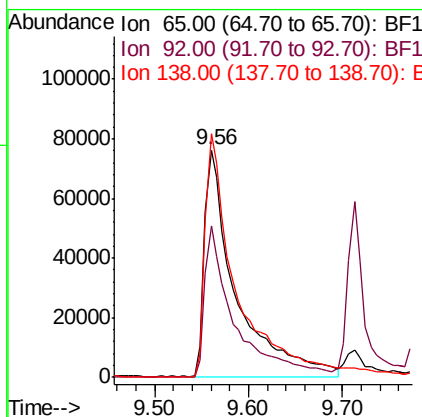
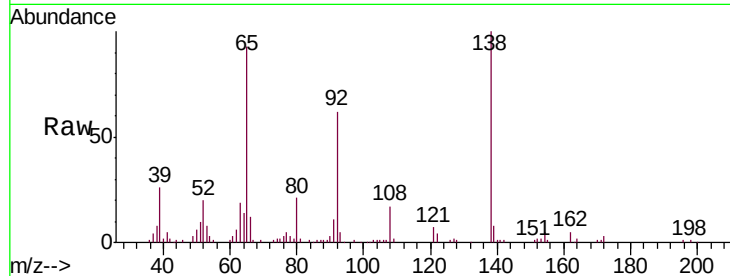
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	180670		
92	66.7	55.8	83.6	
138	107.2	91.2	136.8	

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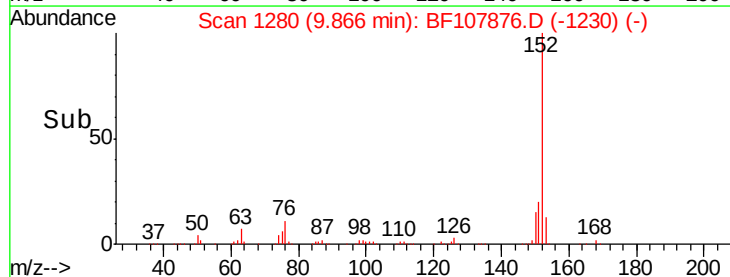
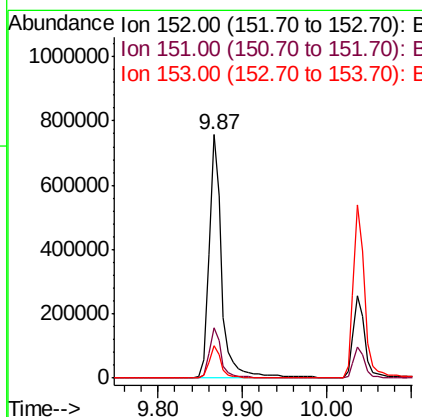
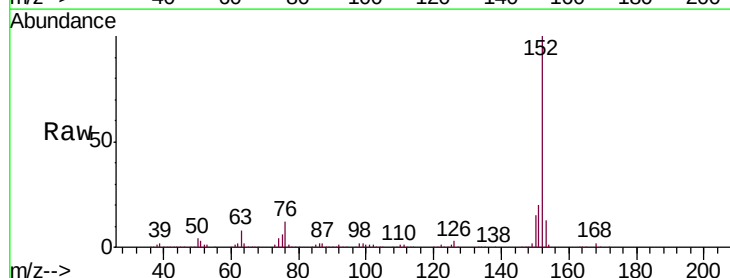
Sohil

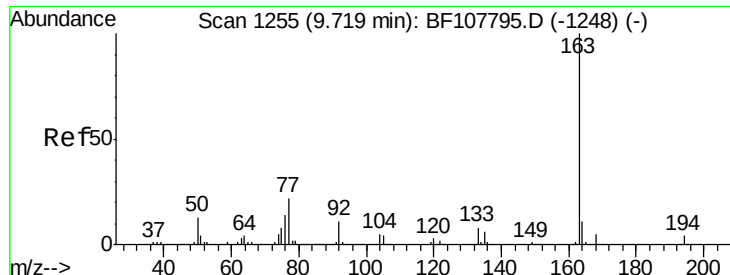
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#48
Acenaphthylene
Concen: 38.055 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	797861		
151	20.4	16.3	24.5	
153	13.5	10.7	16.1	





#49
Dimethylphthalate
Concen: 41.252 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

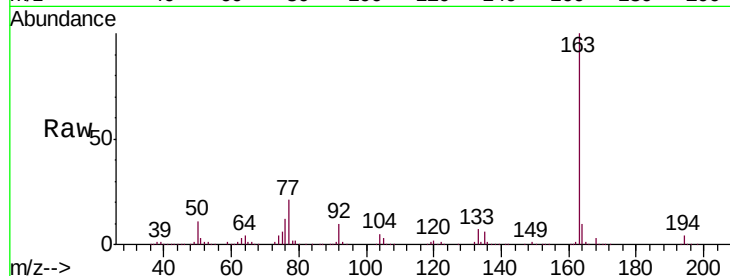
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	610509		
194	3.6	2.7	4.1	
164	10.4	8.2	12.2	

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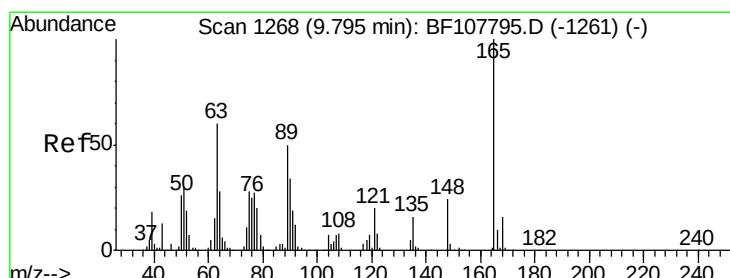
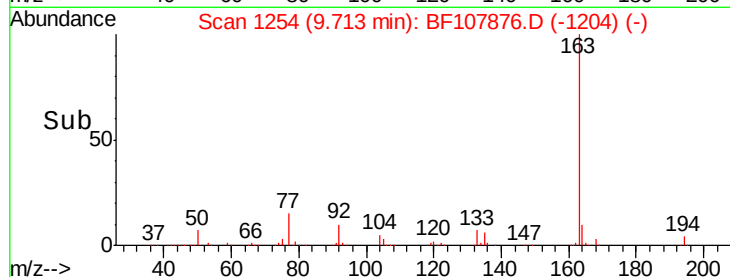
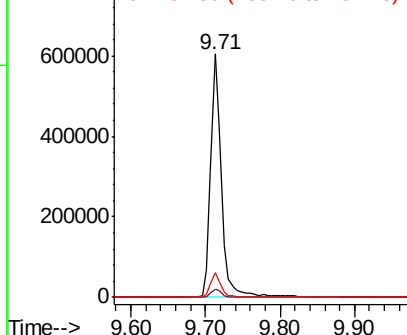


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 35.282 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

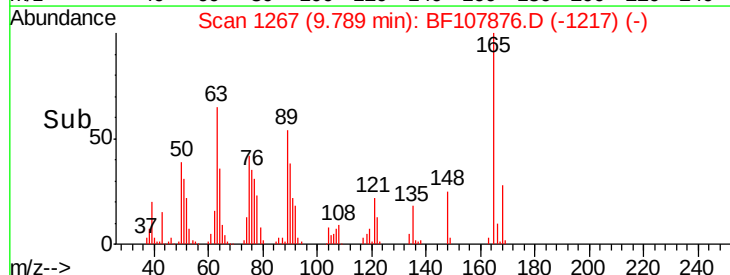
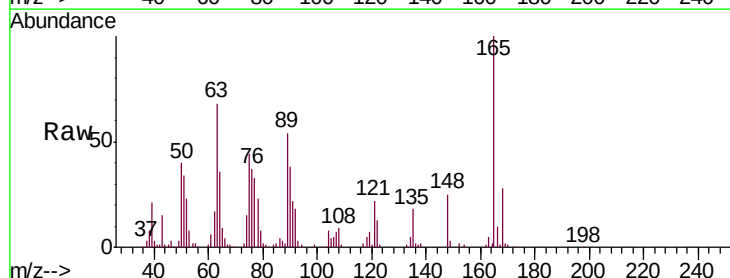
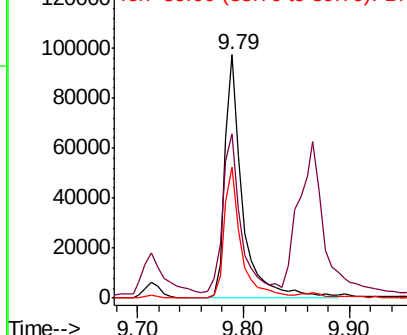
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113474		
63	67.7	44.7	67.1#	
89	53.6	44.0	66.0	

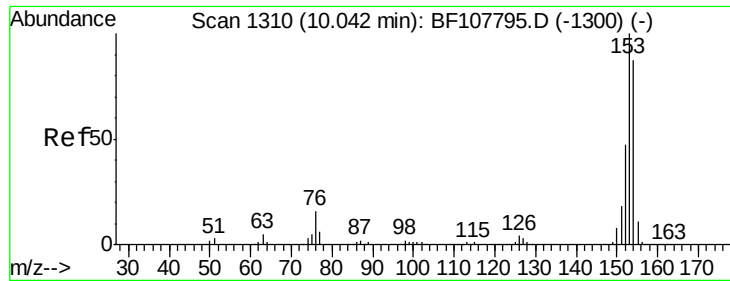
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51
Acenaphthene
Concen: 38.660 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

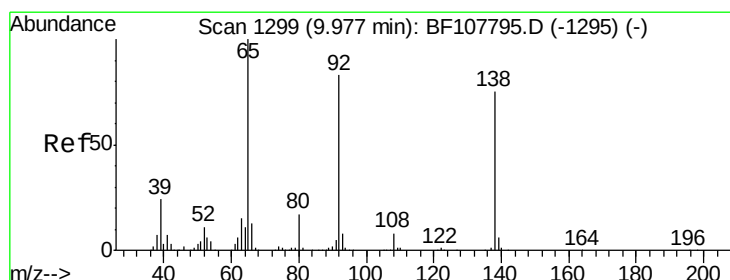
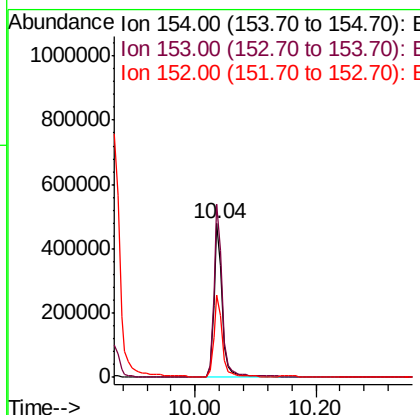
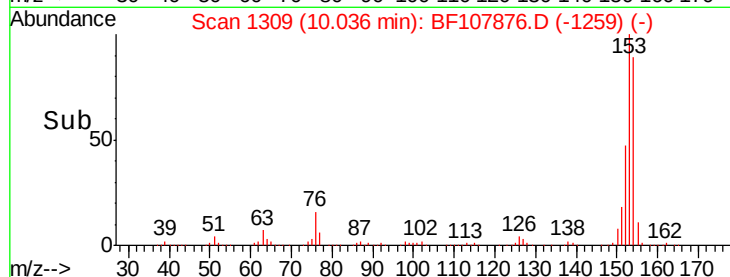
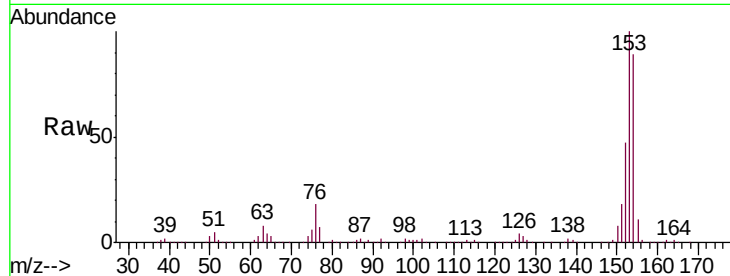
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	53.4	43.8	65.8

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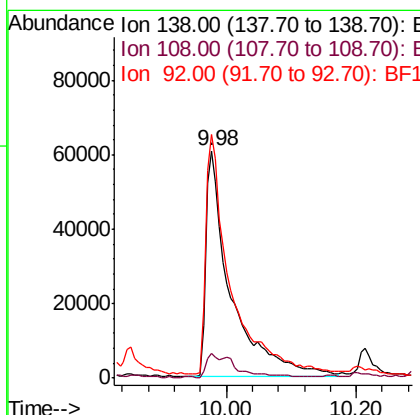
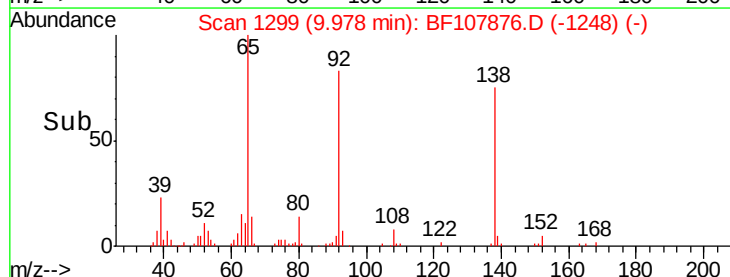
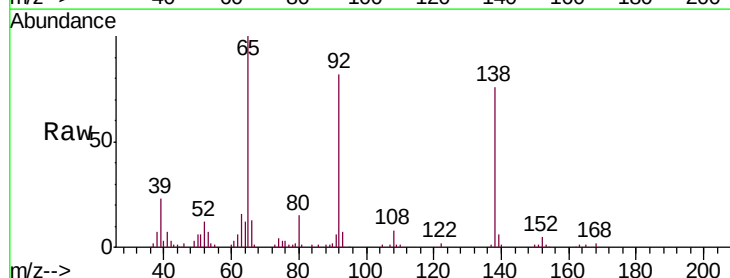
Sohil

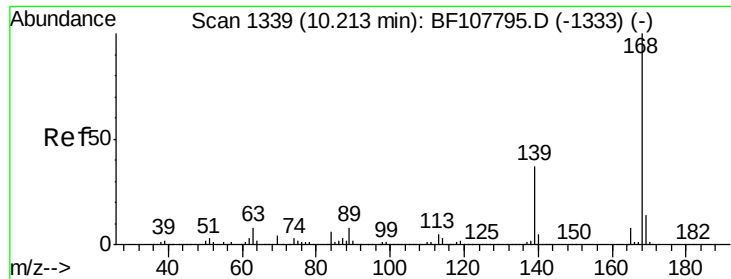
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#52
3-Nitroaniline
Concen: 39.640 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	107.2	89.4	134.2





#54

Dibenzenofuran

Concen: 37.038 ng

RT: 10.21 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 697217
Ion Ratio Lower Upper

168 100

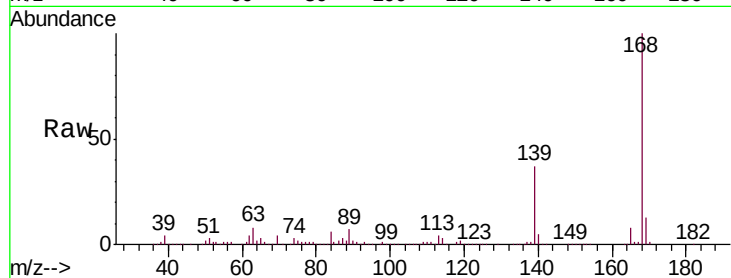
139 37.4 30.1 45.1

169 13.5 10.9 16.3

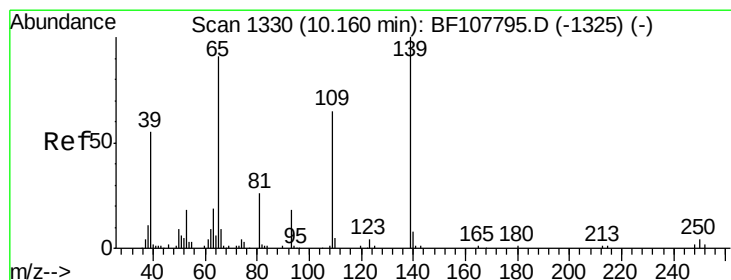
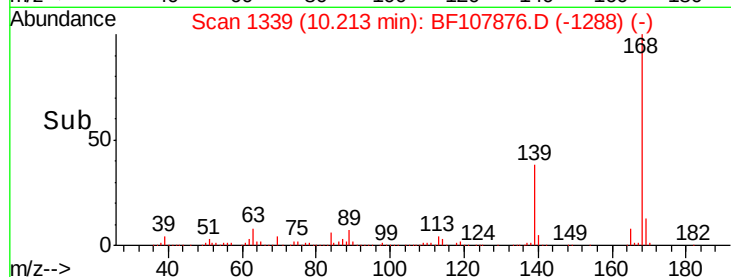
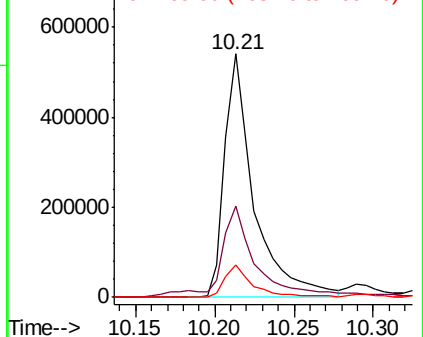
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 21.916 ng m

RT: 10.18 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

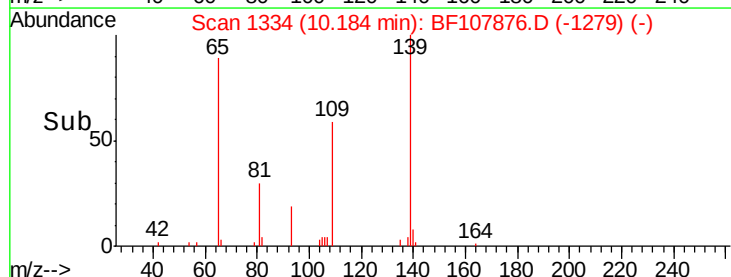
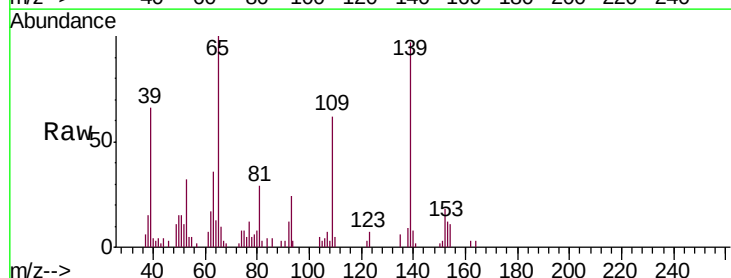
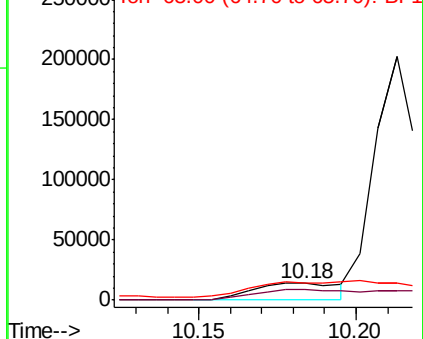
Tgt Ion:139 Resp: 27208
Ion Ratio Lower Upper

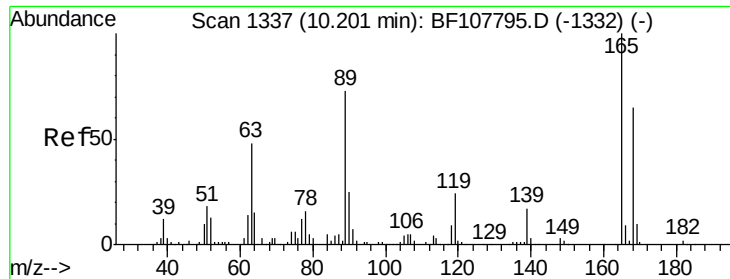
139 100

109 64.1 48.4 88.4

65 102.7 72.6 112.6

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: 31.033 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

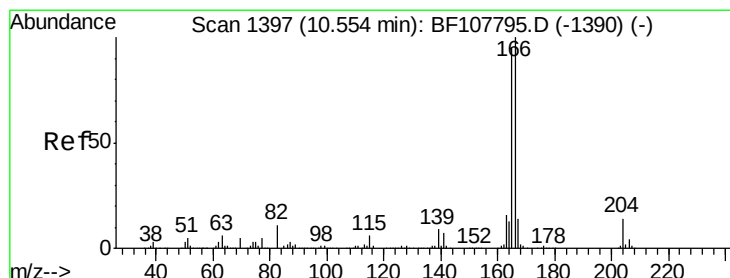
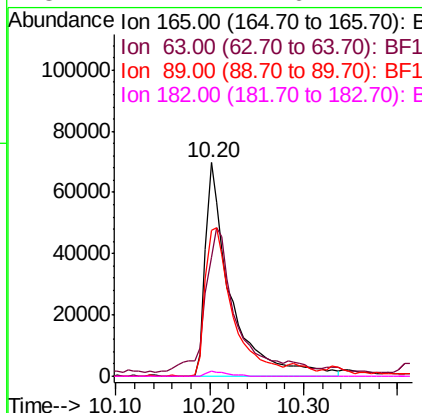
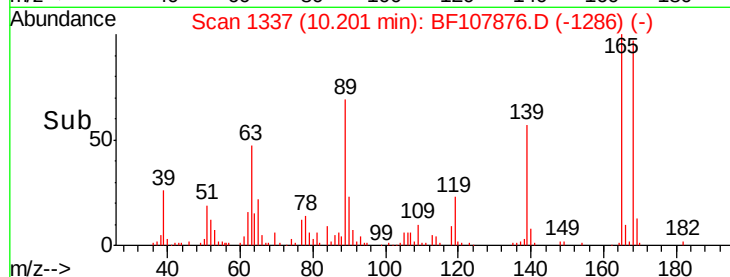
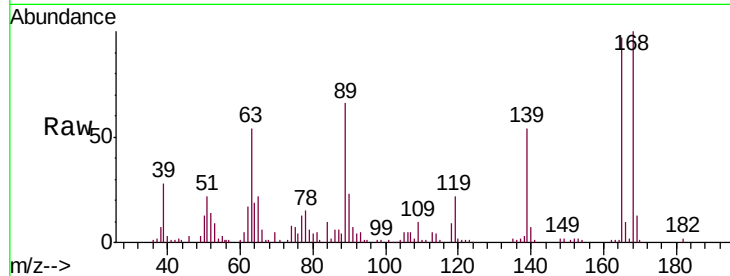
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131183		
63	55.6	36.4	54.6#	
89	68.4	57.8	86.6	
182	2.2	1.6	2.4	

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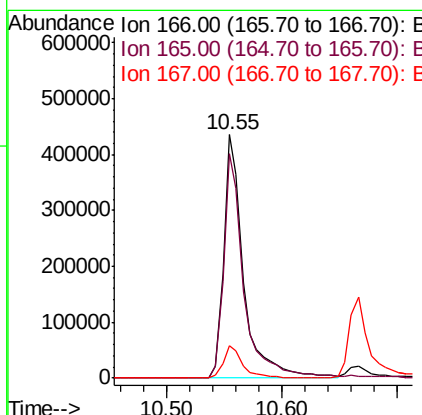
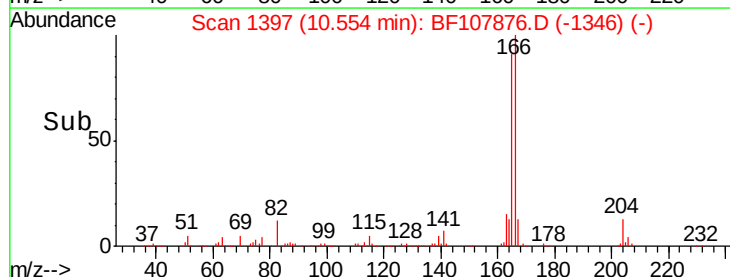
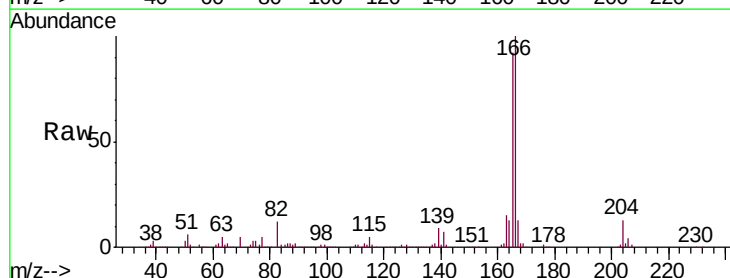
Sohil

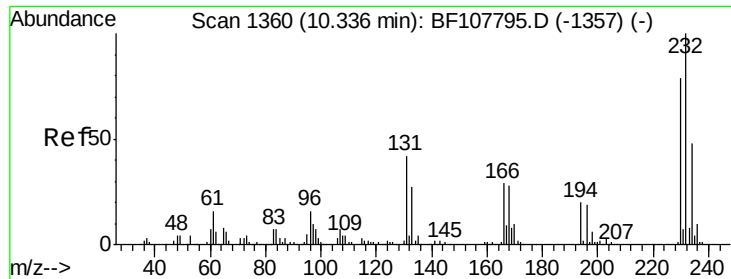
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#57
Fluorene
Concen: 35.497 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	519302		
165	92.3	79.8	119.8	
167	13.1	10.6	16.0	





#58
2,3,4,6-Tetrachlorophenol
Concen: 34.444 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

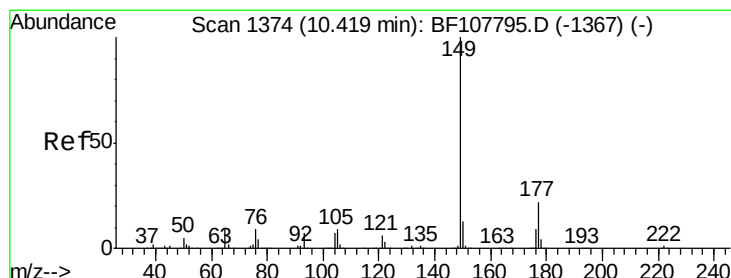
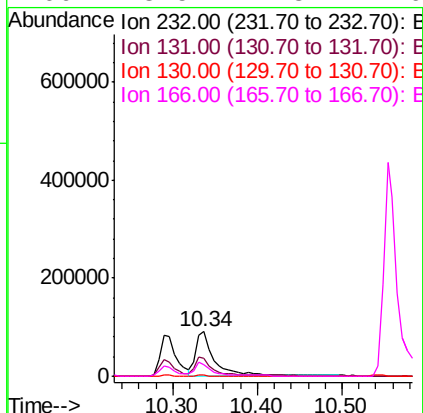
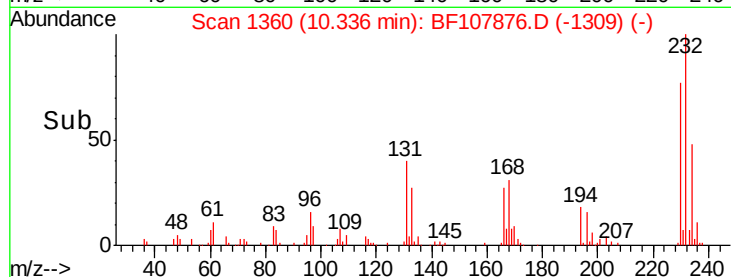
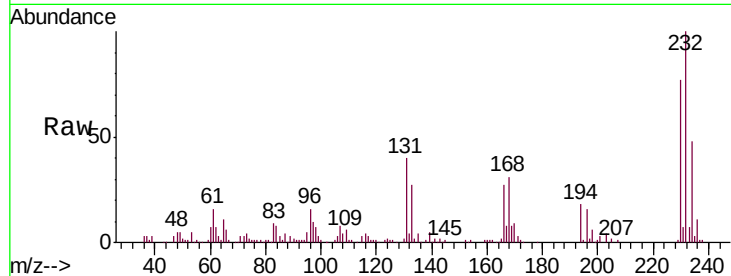
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
232	100		
131	36.0	43.8	65.8#
130	1.7	2.1	3.1#
166	23.5	27.8	41.6#

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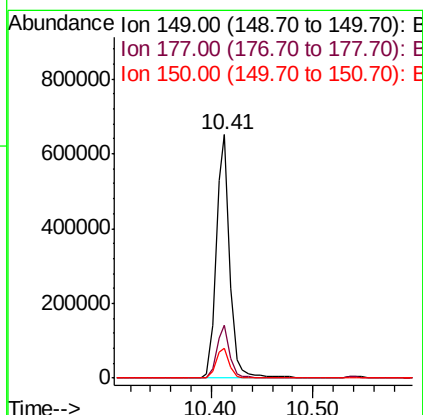
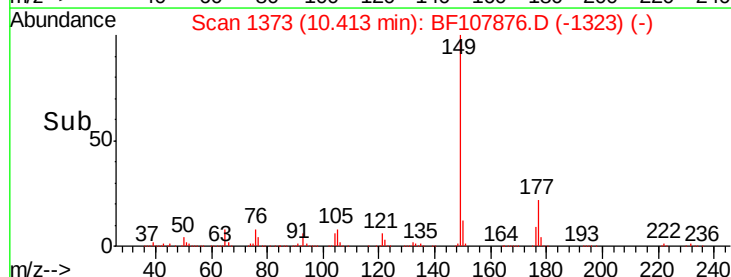
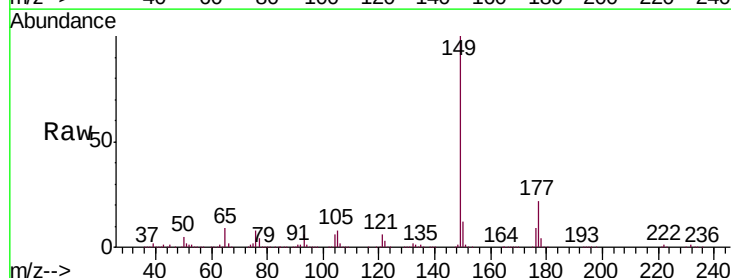
Sohil

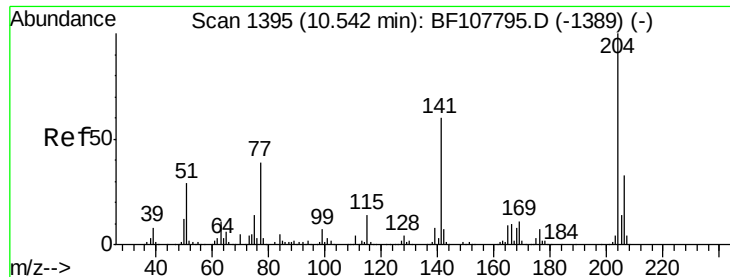
8/13/2018 12:44:30 PM



#59
Diethylphthalate
Concen: 37.804 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.3	10.1	15.1





#60
 4-Chlorophenyl-phenylether
 Concen: 35.781 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

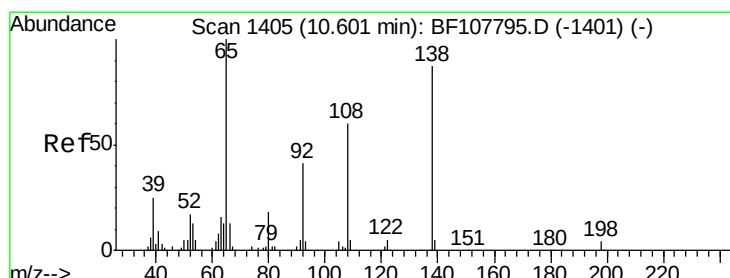
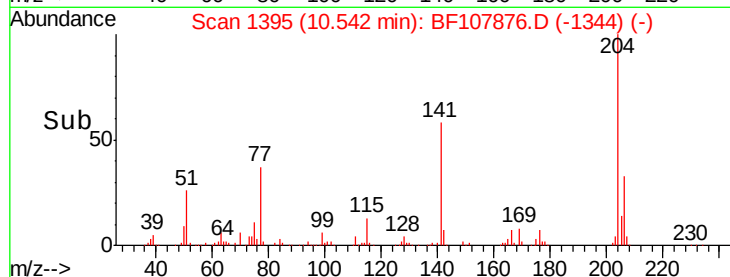
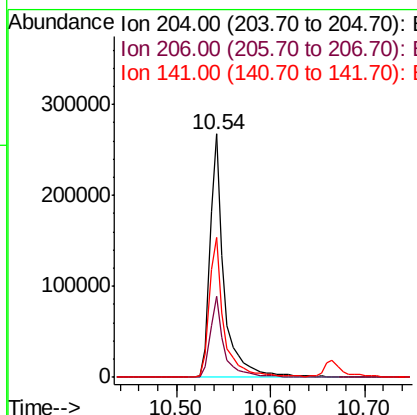
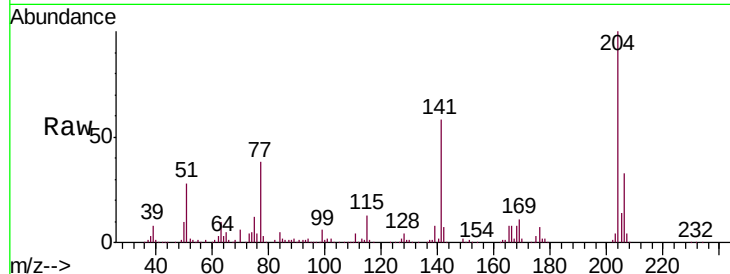
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	204	Resp:	285162
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.5	39.7
141	57.7	54.6	81.8

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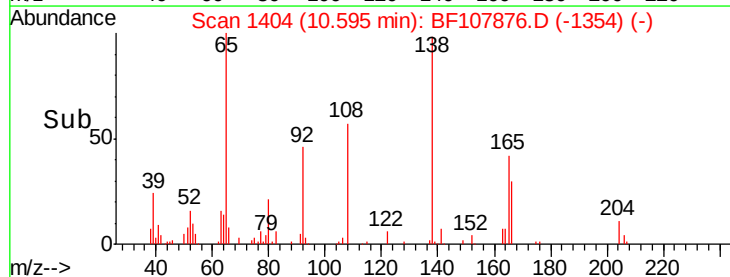
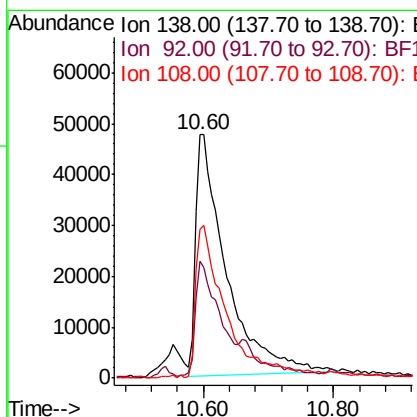
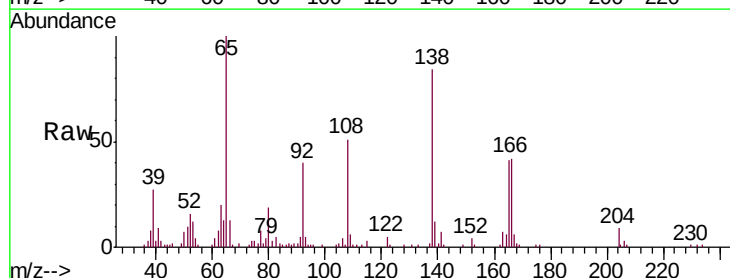
Sohil

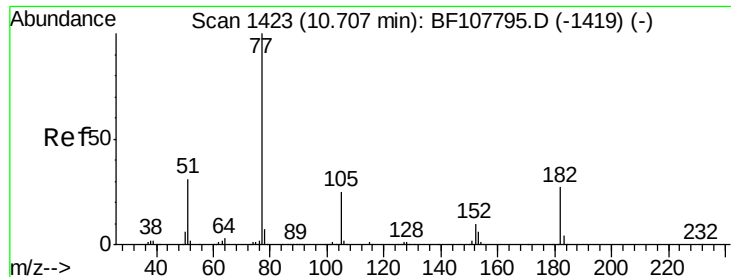
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#61
 4-Nitroaniline
 Concen: 42.798 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion:	138	Resp:	153927
Ion Ratio	Lower	Upper	
138	100		
92	48.1	30.2	70.2
108	61.1	52.5	92.5





#62
Azobenzene
Concen: 35.316 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

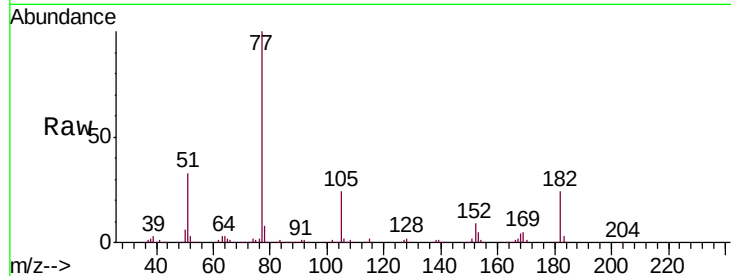
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	1.7	41.7
105	24.0	3.0	43.0
51	33.1	9.9	49.9

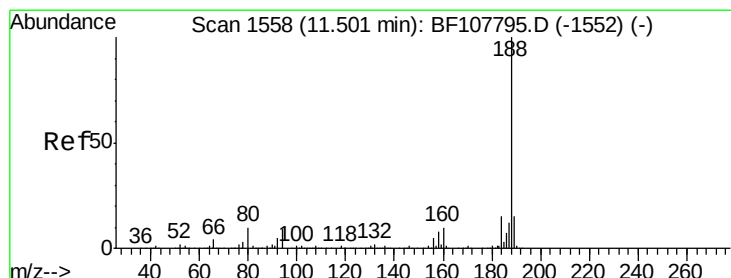
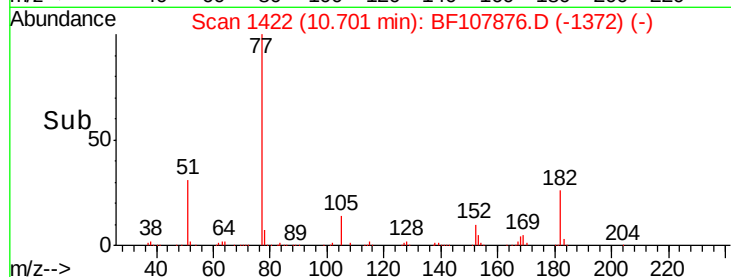
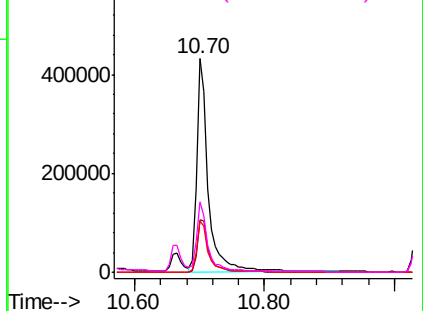
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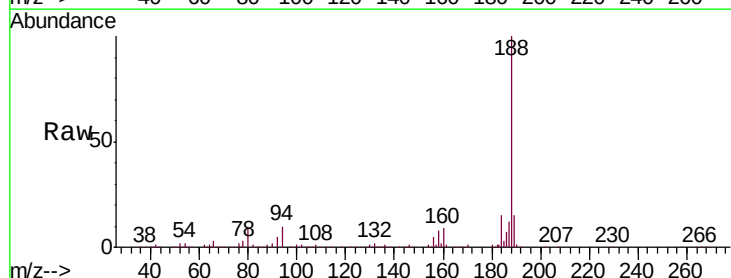


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

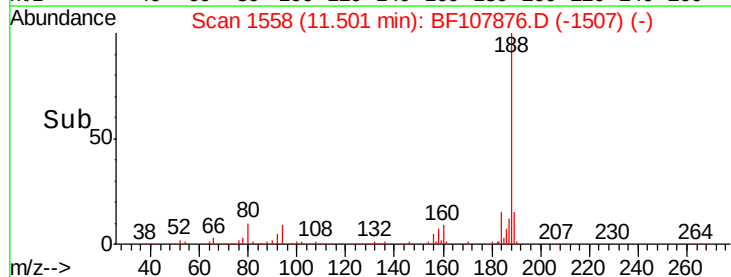
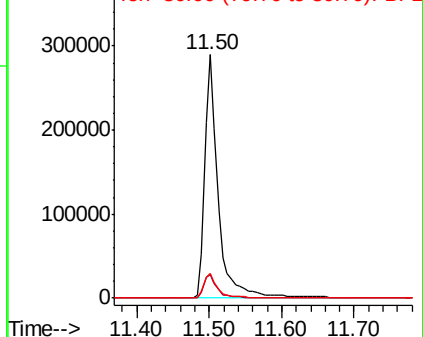


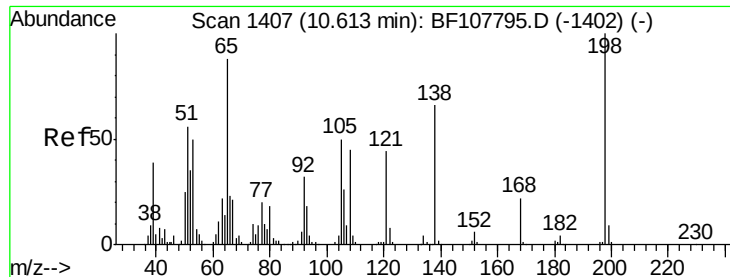
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 1.156 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 2361
Ion Ratio Lower Upper

198 100

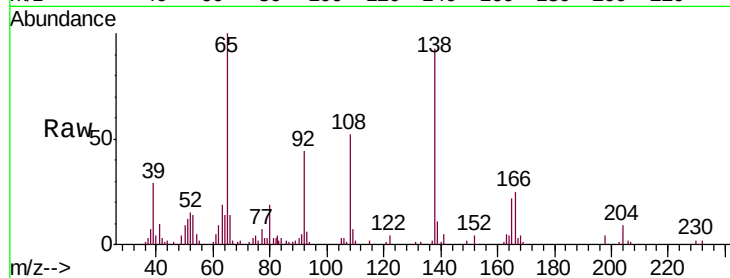
51 303.3 37.7 77.7#

105 75.3 36.3 76.3

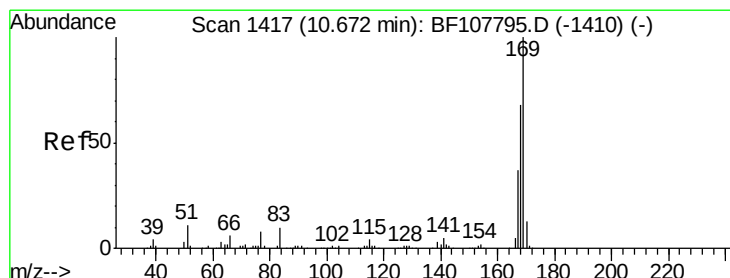
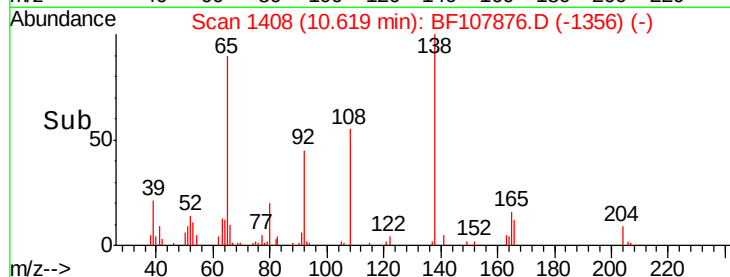
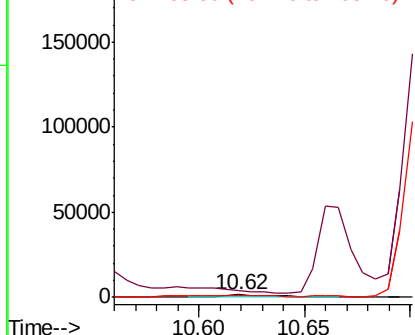
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.285 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF107876.D

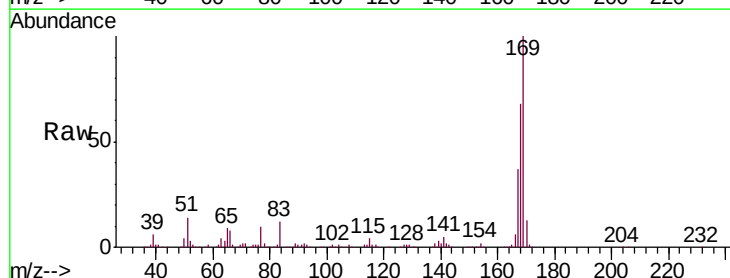
Acq: 1 Aug 2018 3:41

Tgt Ion:169 Resp: 485441
Ion Ratio Lower Upper

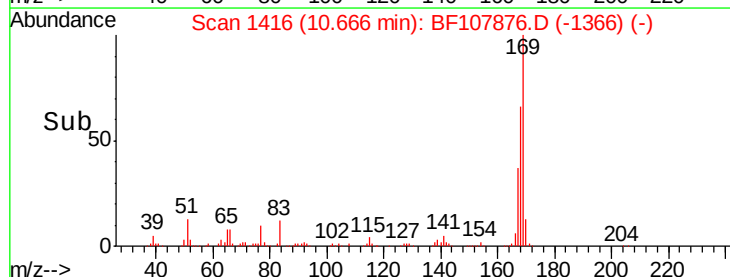
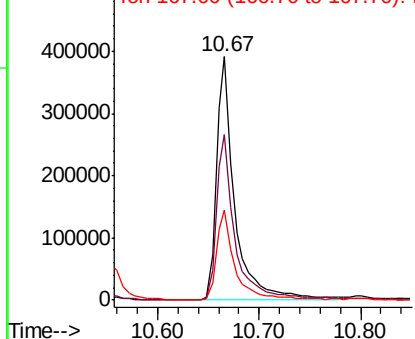
169 100

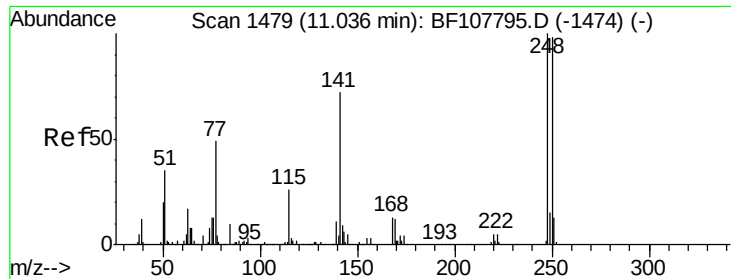
168 67.8 54.4 81.6

167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#66
 4-Bromophenyl-phenylether
 Concen: 37.474 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

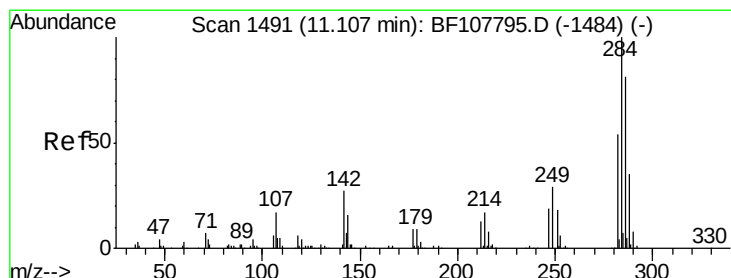
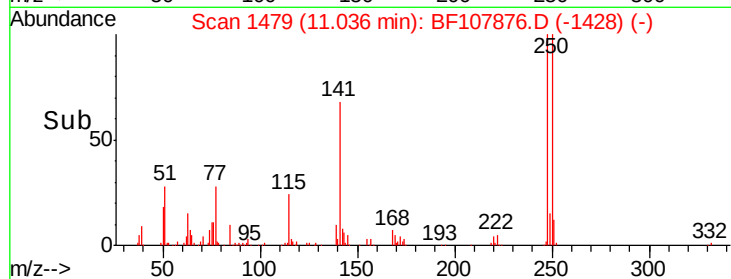
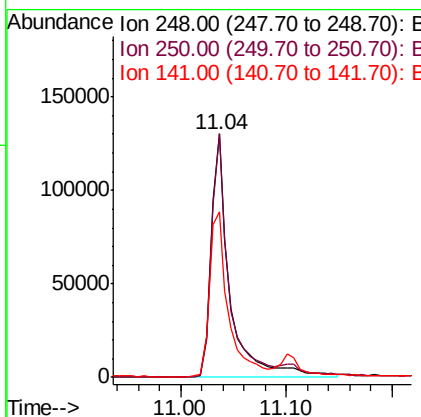
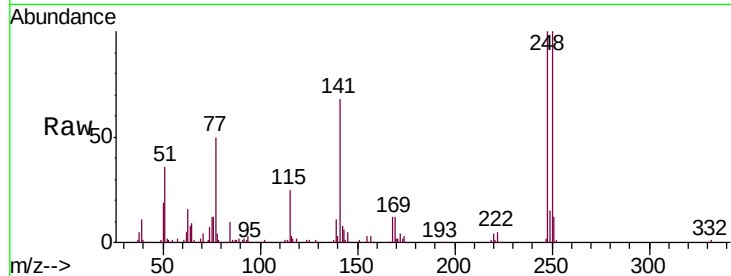
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	248	Resp:	163912
Ion Ratio		Lower	Upper
248	100		
250	100.1	76.9	115.3
141	68.2	74.4	111.6#

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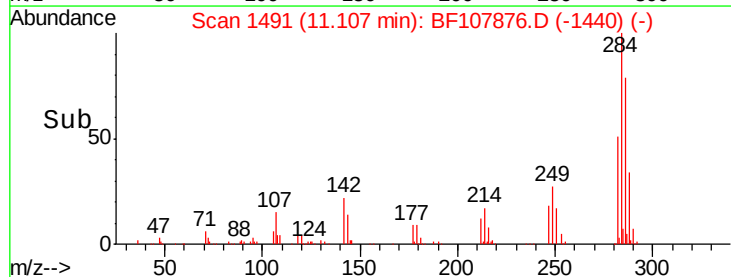
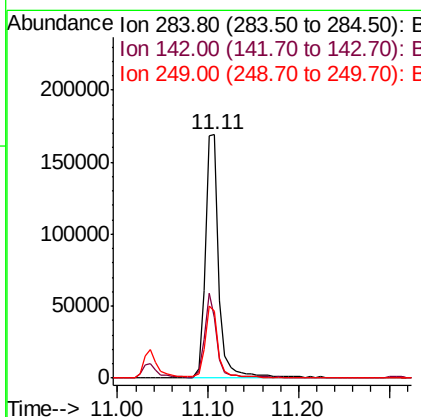
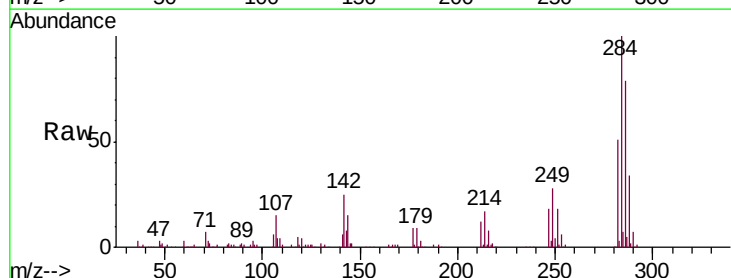
Sohil

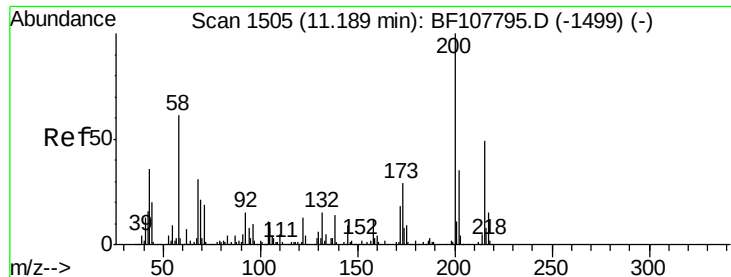
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#67
 Hexachlorobenzene
 Concen: 37.301 ng
 RT: 11.11 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion:	284	Resp:	180923
Ion Ratio		Lower	Upper
284	100		
142	24.9	34.6	52.0#
249	27.5	24.8	37.2





#68
Atrazine
Concen: 36.428 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

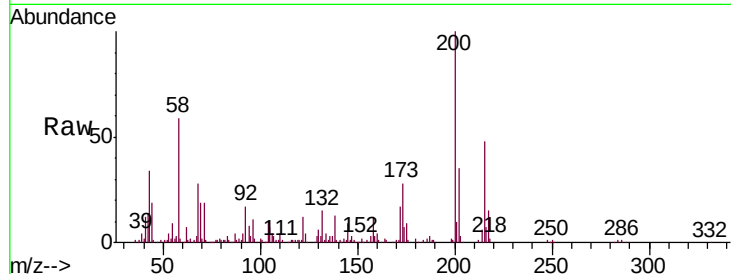
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	8.6	48.6
215	47.5	25.1	65.1

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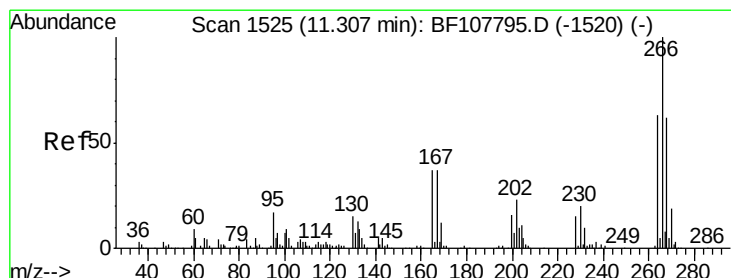
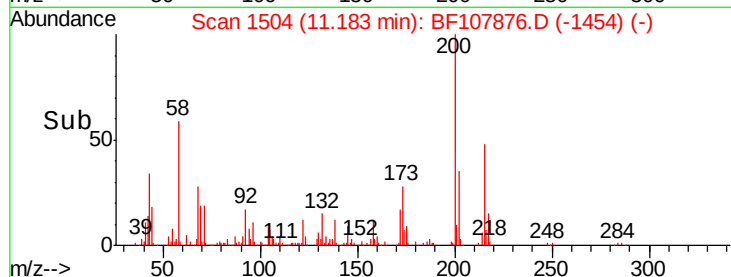
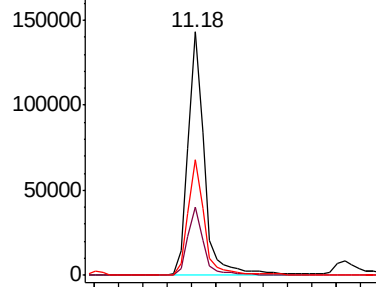


Abundance

Ion 200.00 (199.70 to 200.70): E

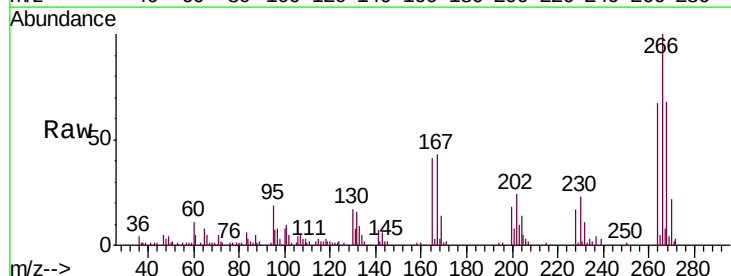
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 34.705 ng
RT: 11.31 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.0	51.1	76.7
264	66.9	49.5	74.3

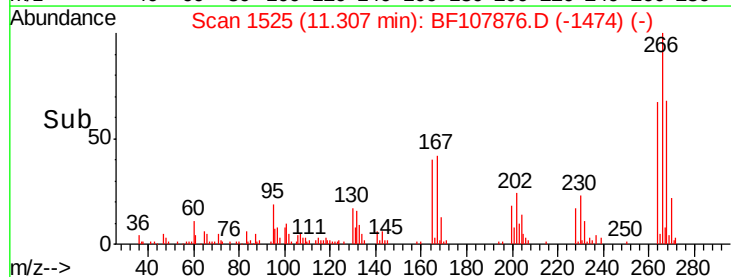
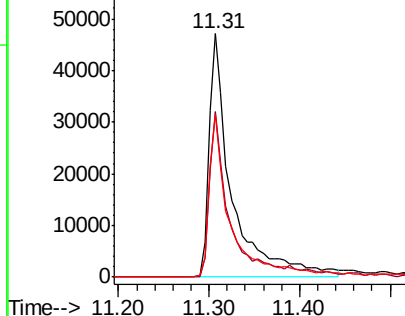


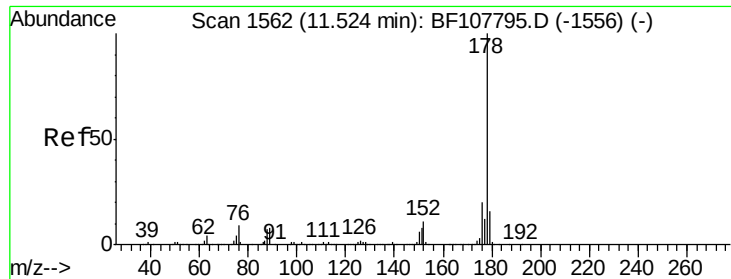
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70
Phenanthrene
Concen: 38.634 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

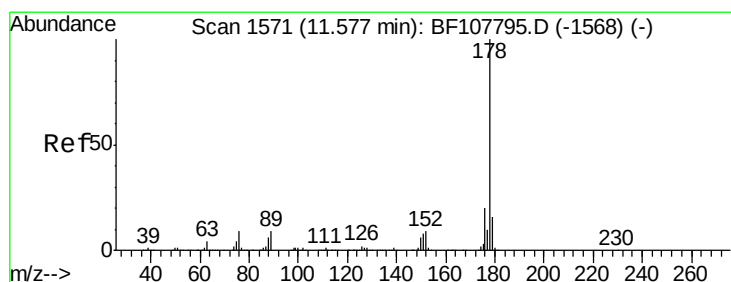
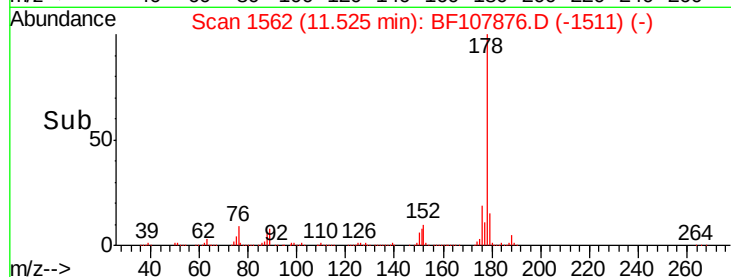
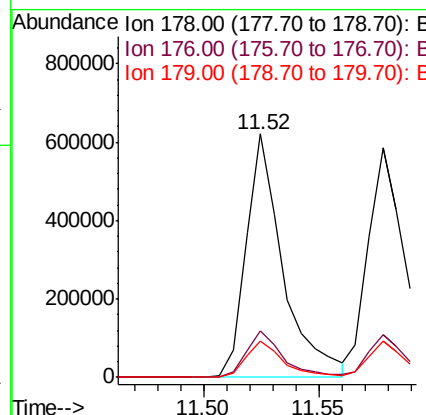
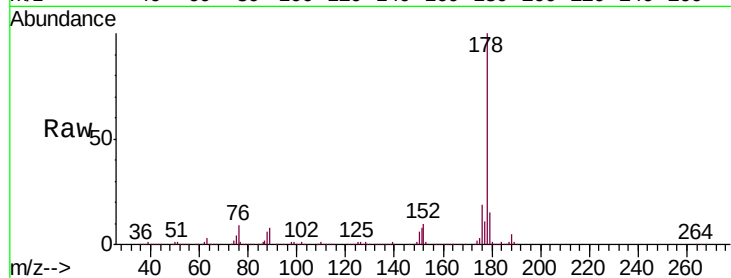
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.2	13.0	19.6

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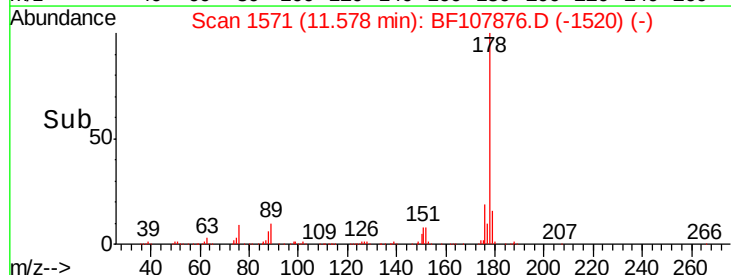
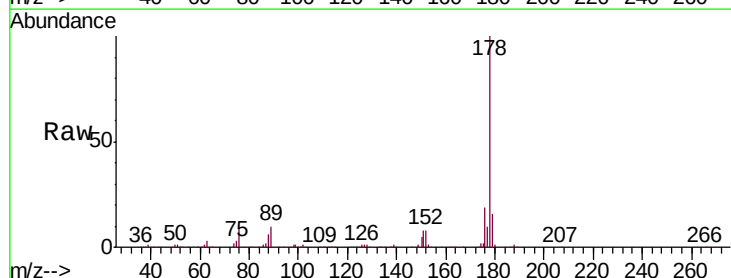
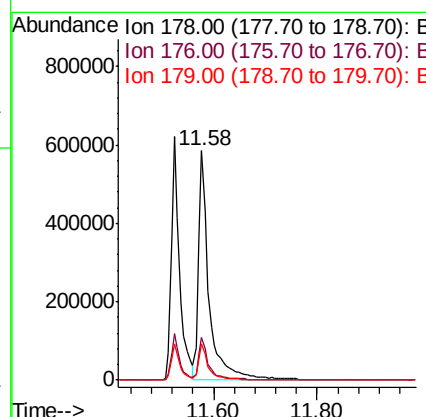
Sohil

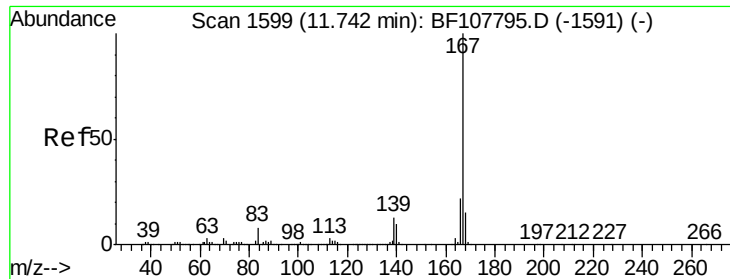
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#71
Anthracene
Concen: 40.156 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.7	12.6	19.0





#72

Carbazole

Concen: 40.525 ng

RT: 11.74 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampleId :

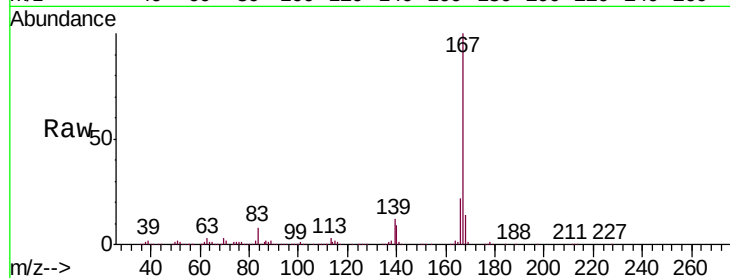
SSTDCCC040

Tgt Ion:	167	Resp:	823103
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.6	26.4
139	12.4	10.9	16.3

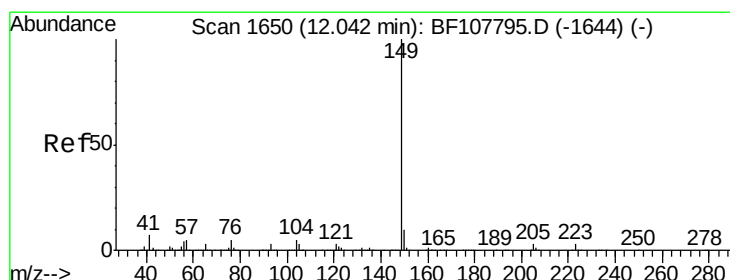
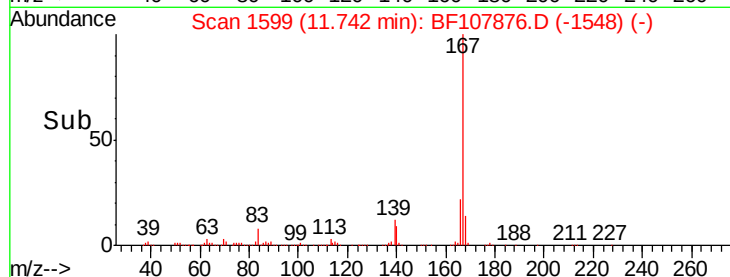
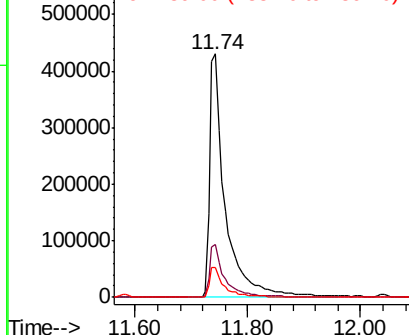
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.294 ng

RT: 12.04 min Scan# 1650

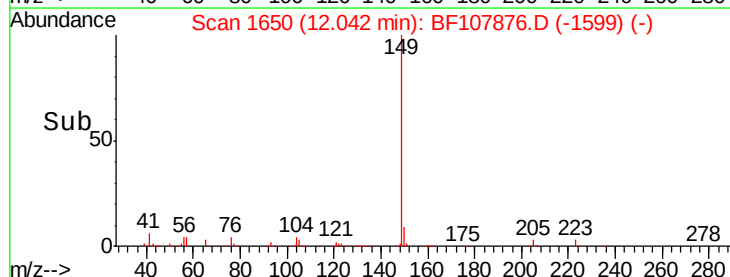
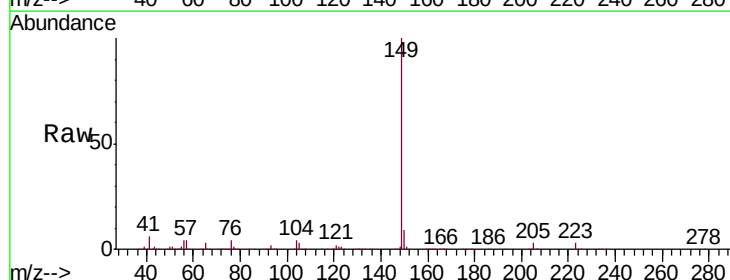
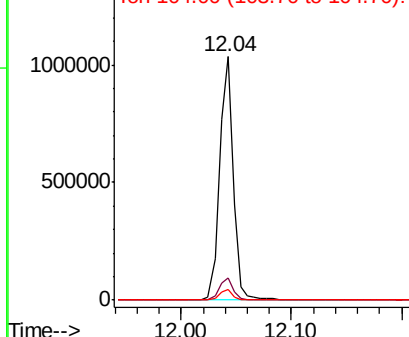
Delta R.T. 0.00 min

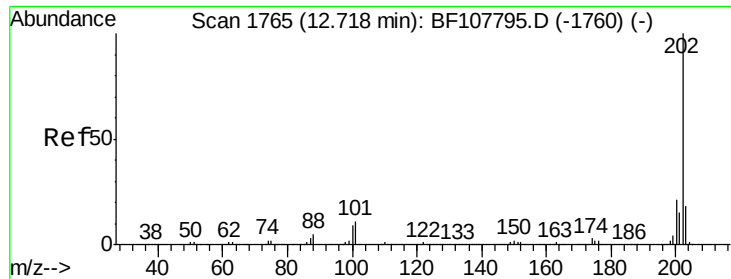
Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Tgt Ion:	149	Resp:	892867
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.2	3.8	5.8

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74
 Fluoranthene
 Concen: 42.518 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

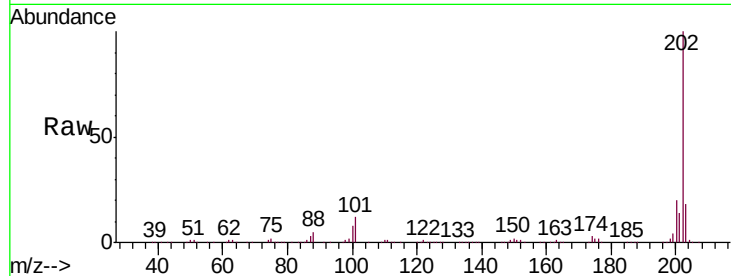
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion:	202	Resp:	890081
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	17.6	0.0	38.1

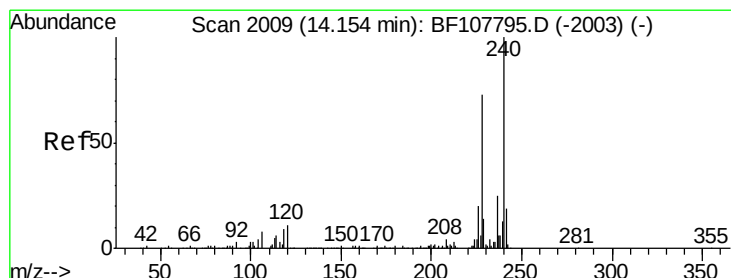
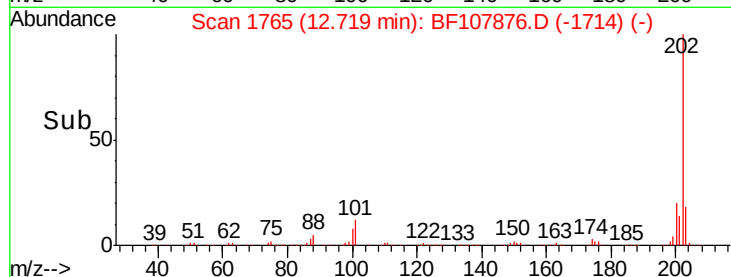
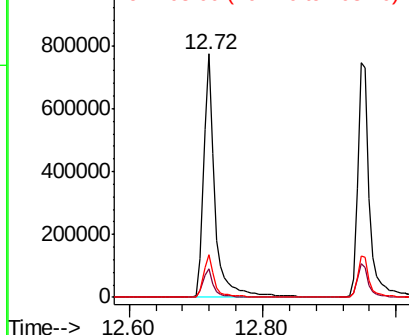
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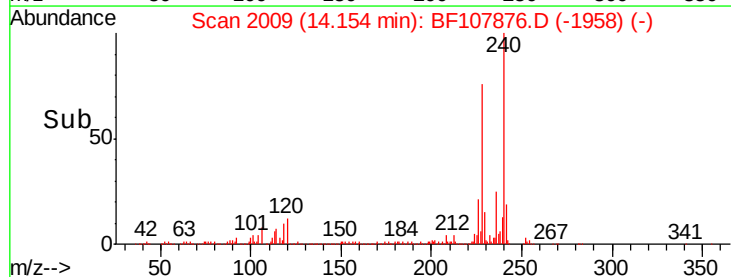
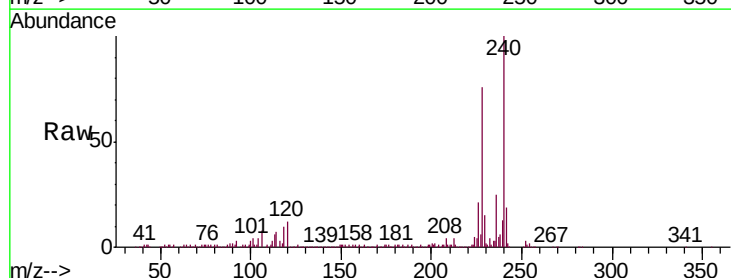
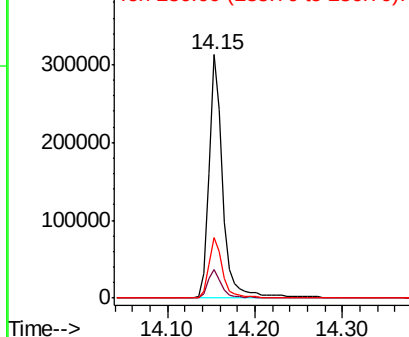
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

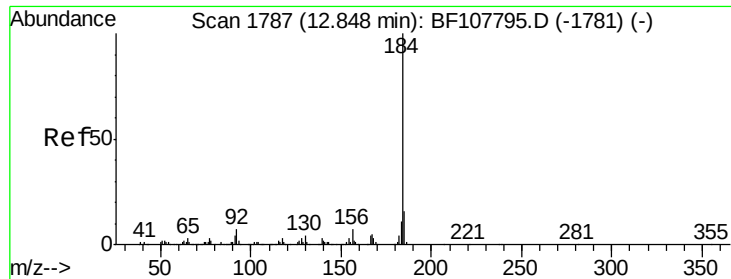


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion:	240	Resp:	343789
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.1	20.7	31.1

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: 45.631 ng
RT: 12.85 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

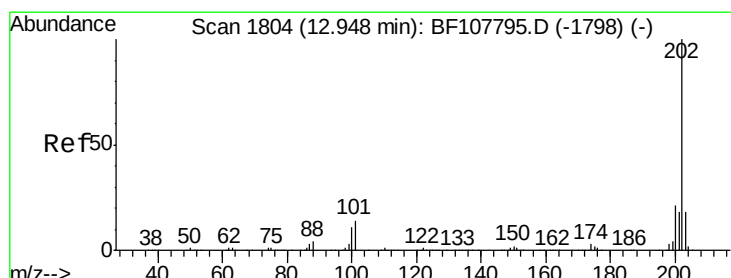
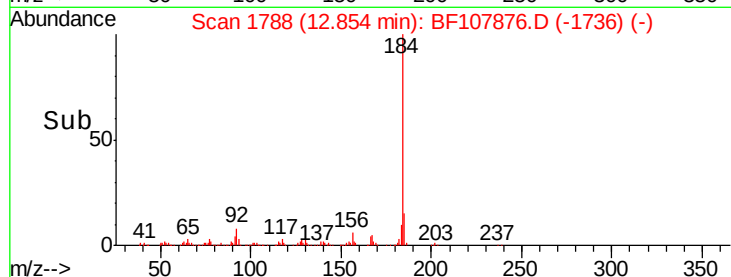
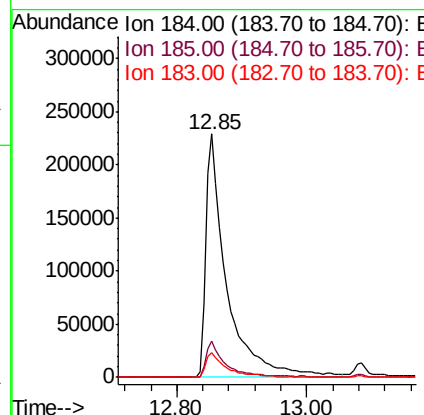
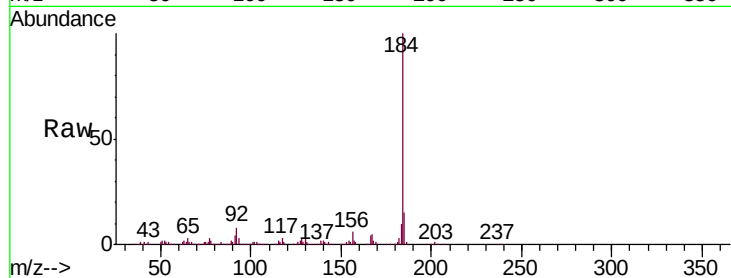
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	10.3	9.3	13.9

Manual Integrations
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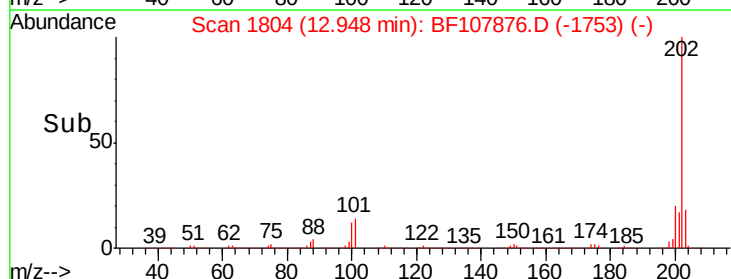
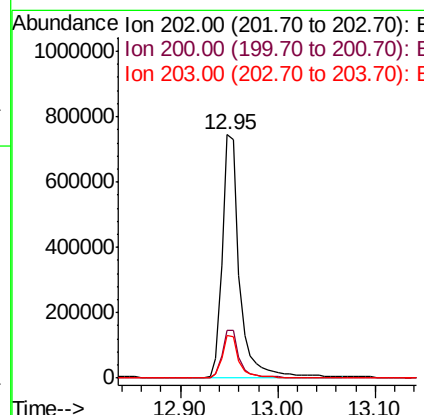
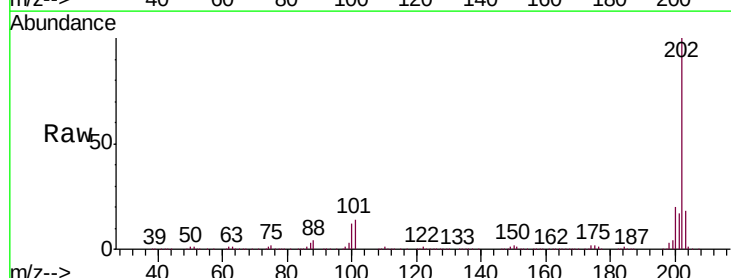
Sohil

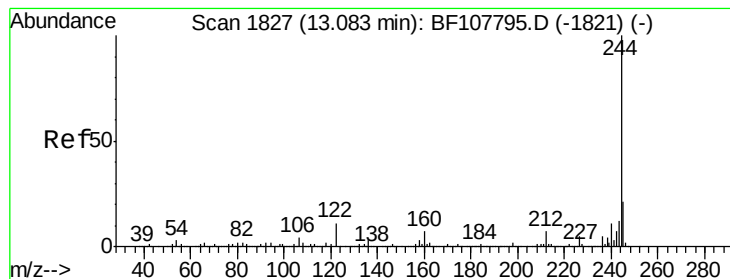
8/13/2018 12:44:30 PM



#77
Pyrene
Concen: 36.810 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.4	26.2
203	17.7	14.3	21.5





#78

Terphenyl-d14

Concen: 77.482 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion:244 Resp: 1228420

Ion Ratio Lower Upper

244 100

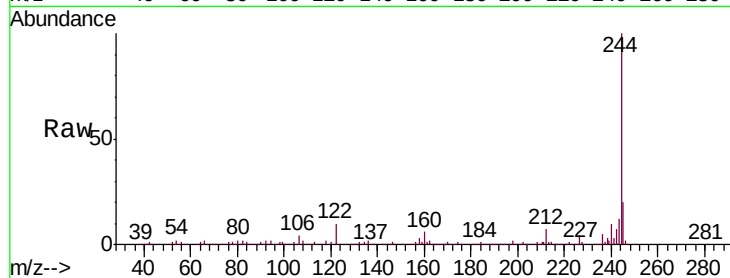
212 6.6 5.4 8.0

122 10.5 11.0 16.4#

Manual Integrations
APPROVED

Sohil

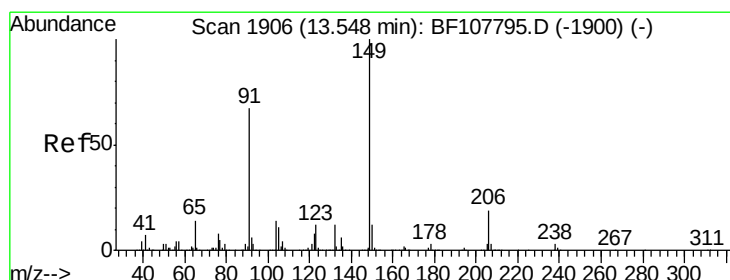
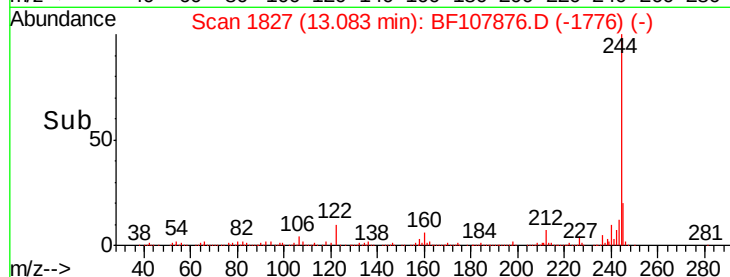
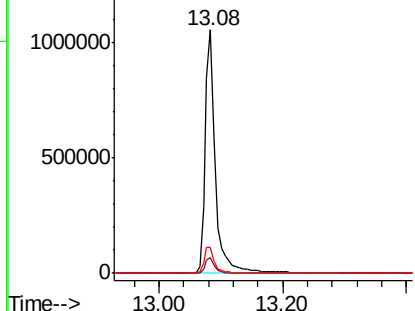
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.667 ng

RT: 13.55 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

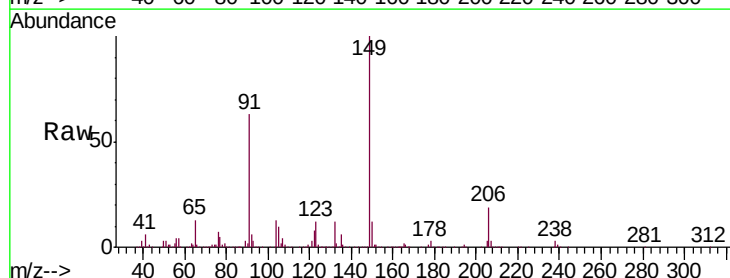
Tgt Ion:149 Resp: 419178

Ion Ratio Lower Upper

149 100

91 62.9 56.8 85.2

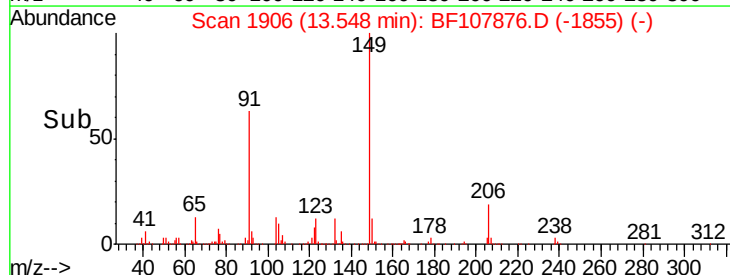
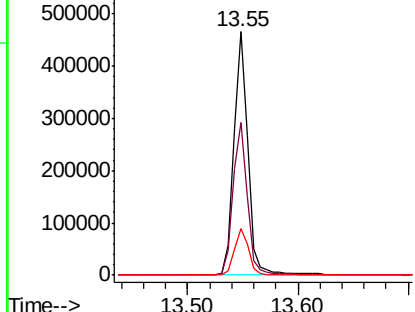
206 19.0 14.1 21.1

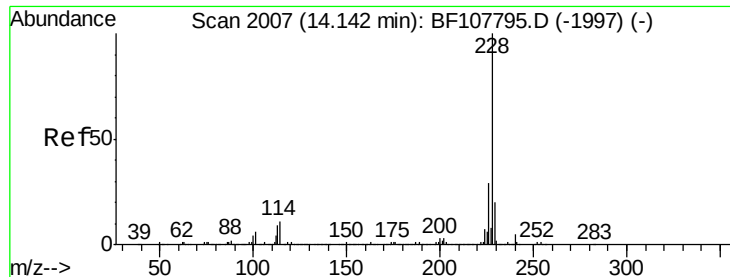


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80
Benzo(a)anthracene
Concen: 37.318 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

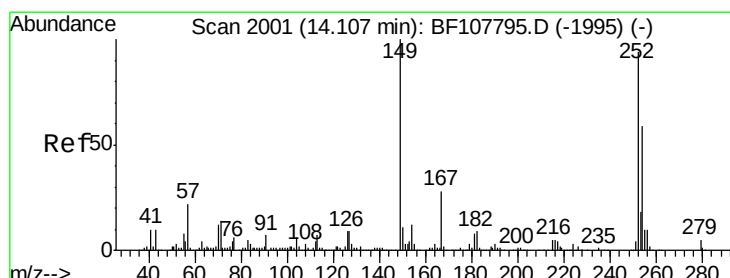
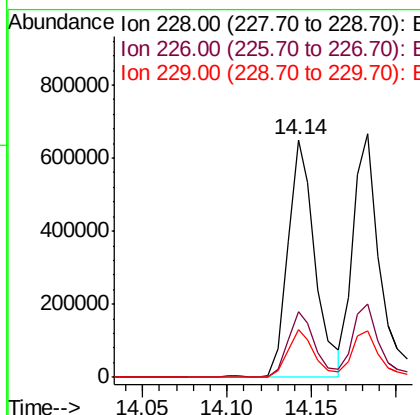
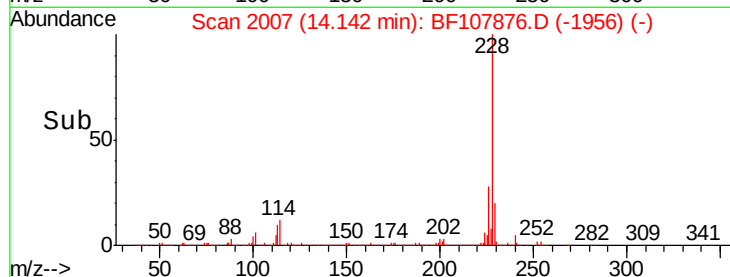
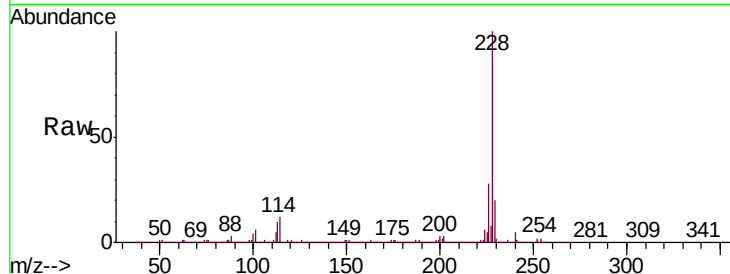
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	15.8	23.6

Manual Integrations
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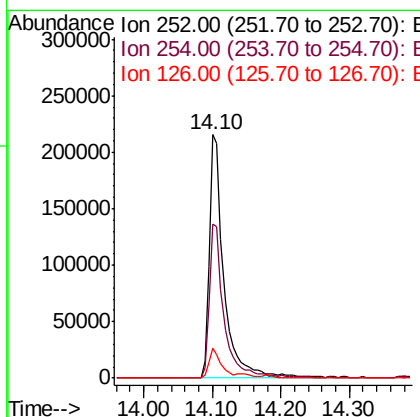
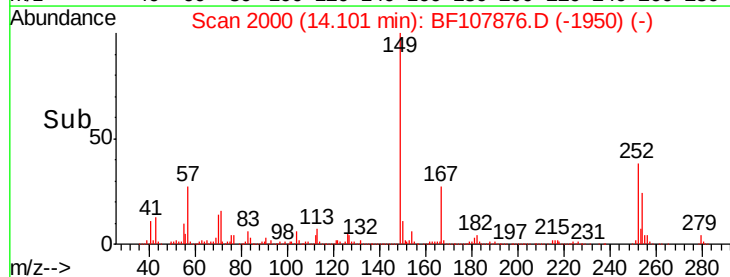
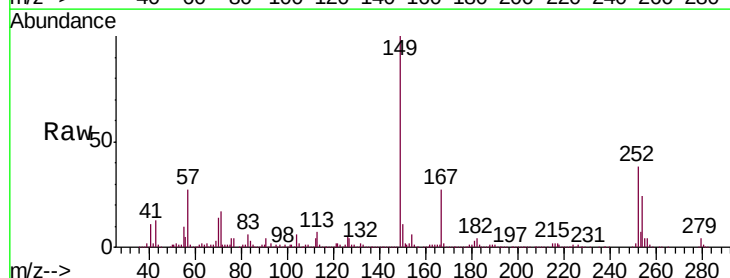
Sohil

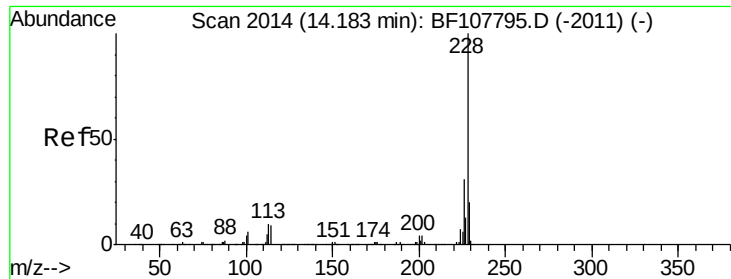
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#81
3,3'-Dichlorobenzidine
Concen: 42.835 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	12.1	11.3	16.9





#82
Chrysene
 Concen: 37.627 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

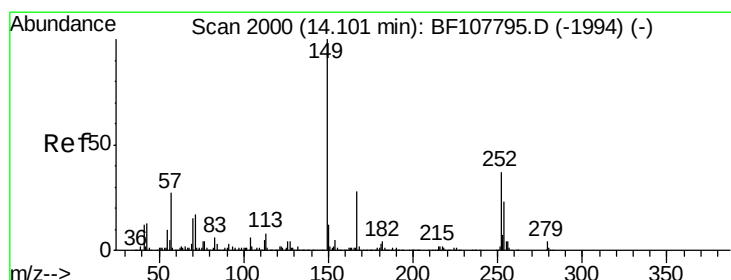
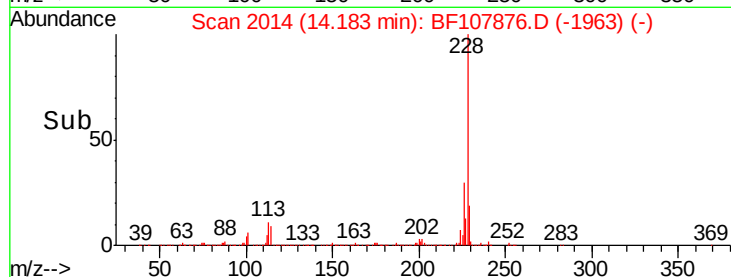
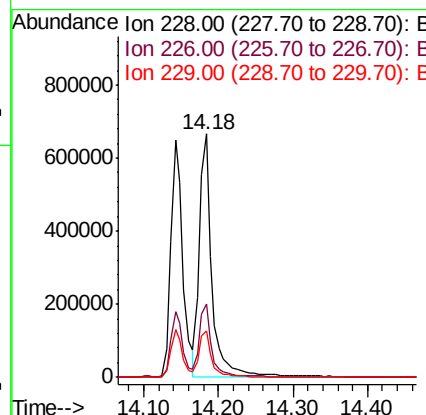
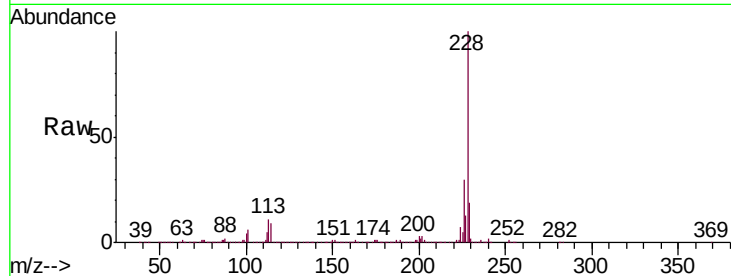
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.2	16.2	24.4

Manual Integrations
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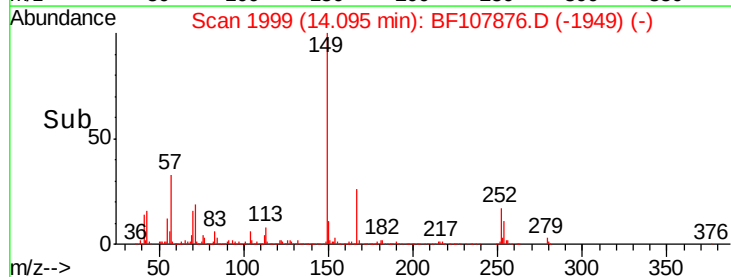
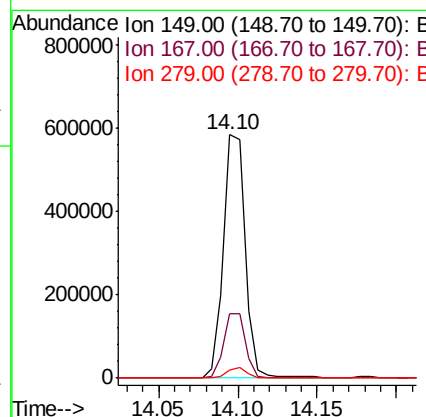
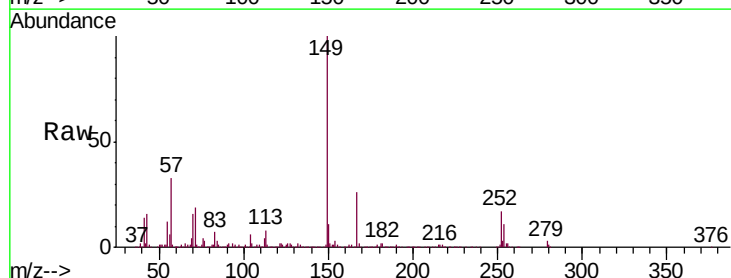
Sohil

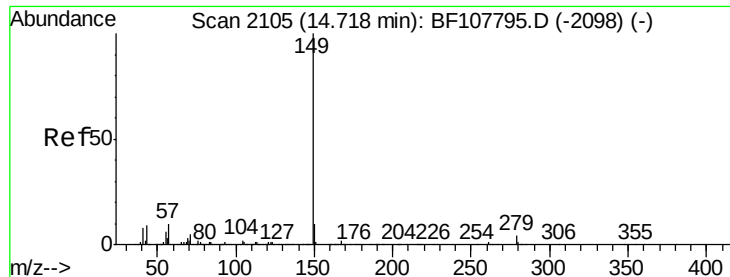
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 40.922 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF107876.D
 Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.1	3.0	4.4





#84
Di-n-octyl phthalate
Concen: 44.359 ng
RT: 14.72 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

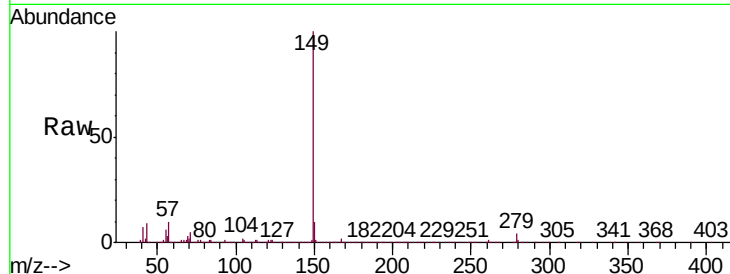
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	9.1	8.4	12.6

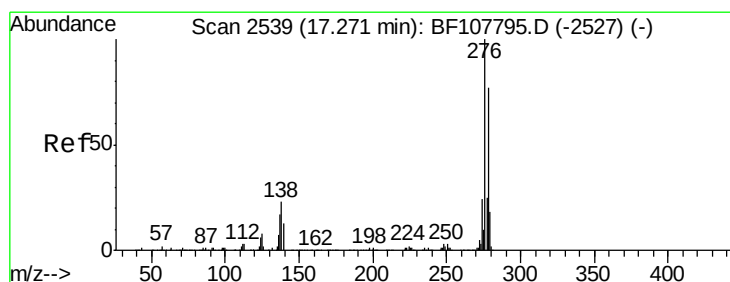
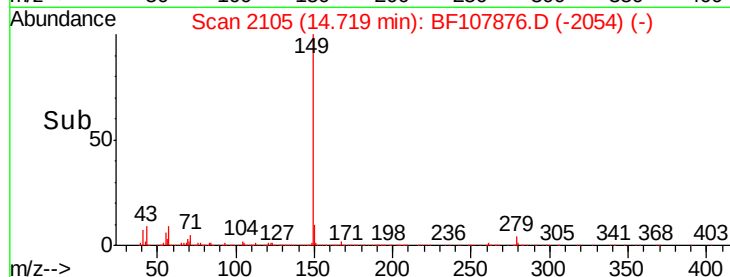
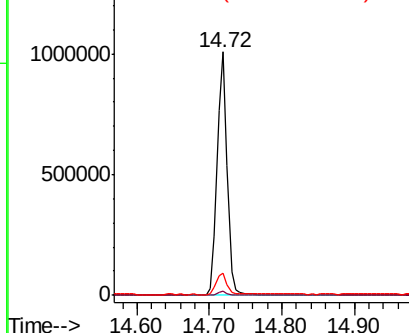
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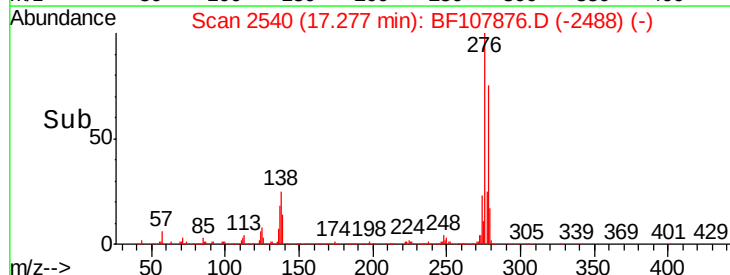
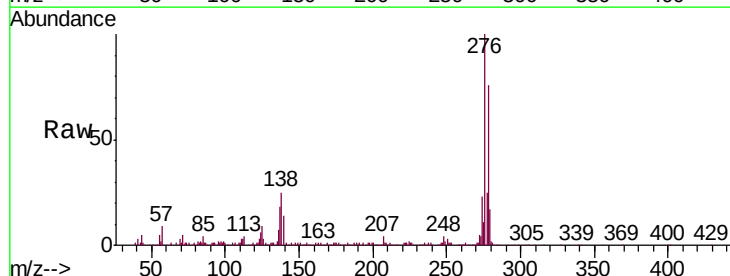
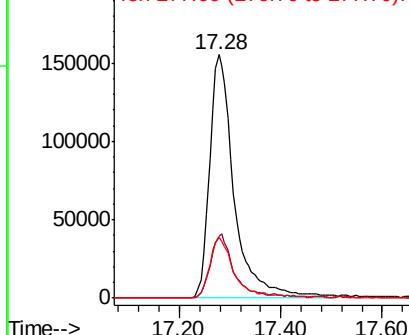
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

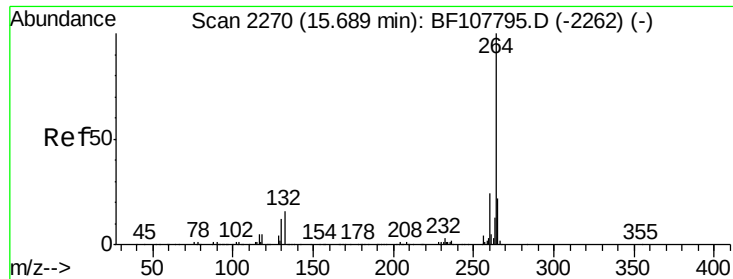


#85
Indeno(1,2,3-cd)pyrene
Concen: 32.811 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.5	25.0	37.6#
277	24.9	20.1	30.1

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: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

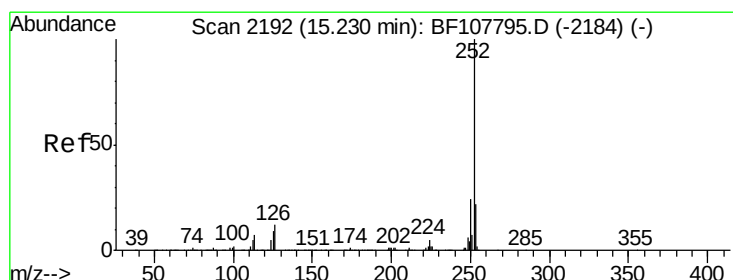
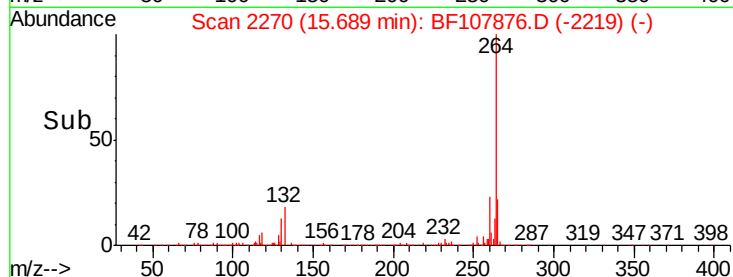
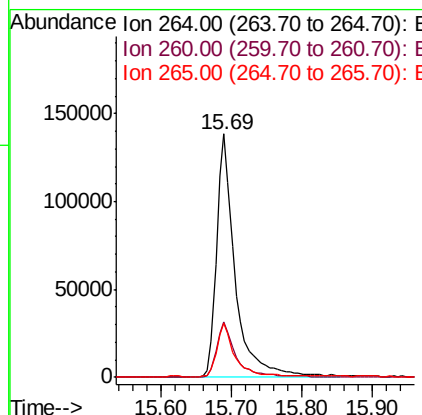
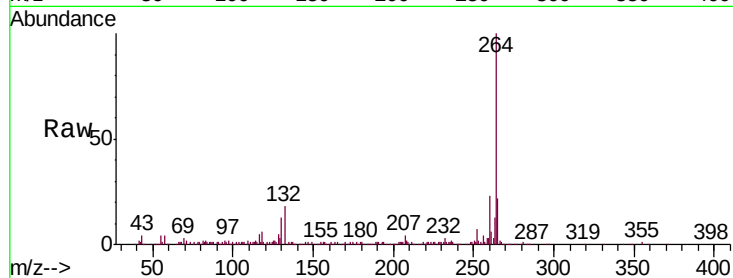
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	17.5	26.3

Manual Integrations
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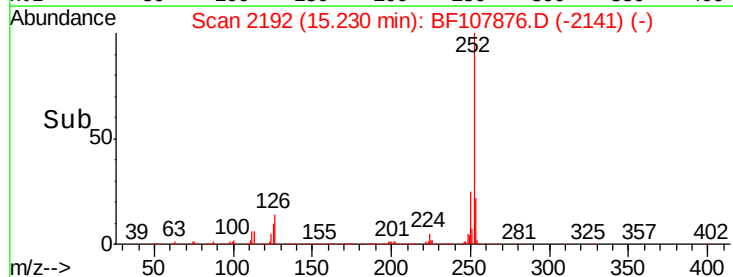
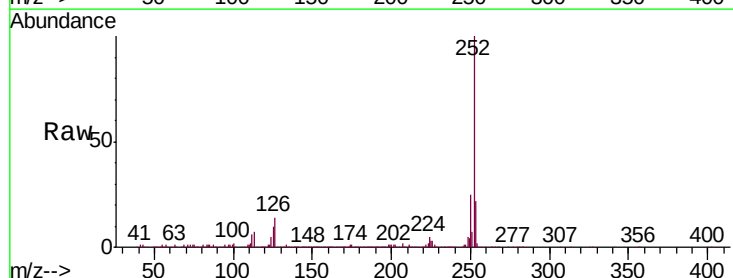
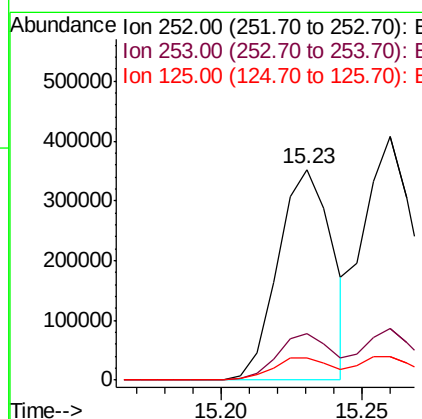
Sohil

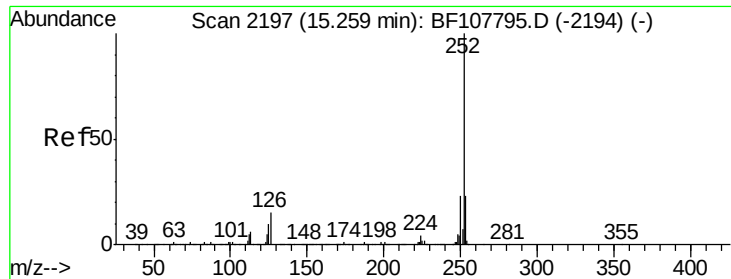
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#87
Benzo(b)fluoranthene
Concen: 37.374 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.4	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 41.837 ng m
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

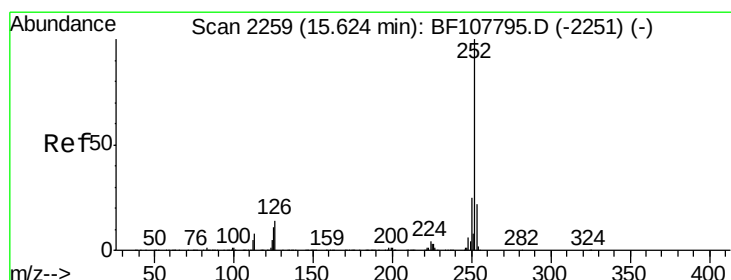
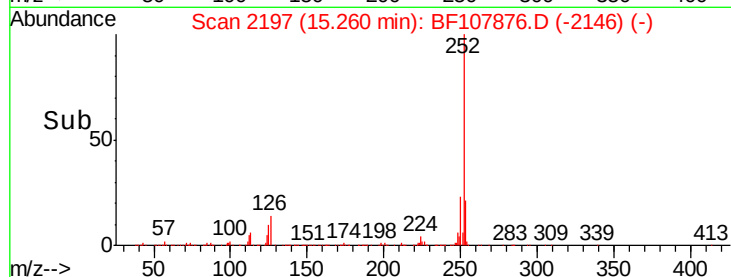
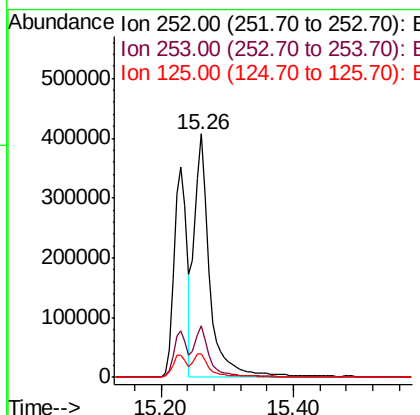
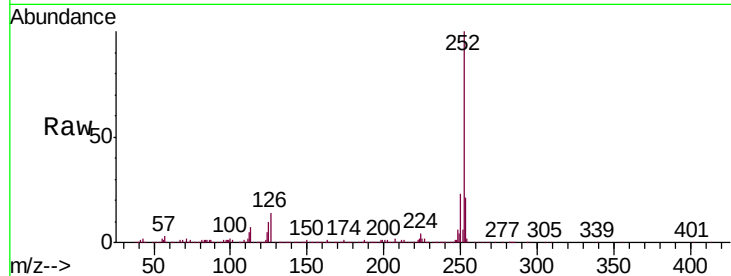
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	9.8	10.2	15.2#

Manual Integrations
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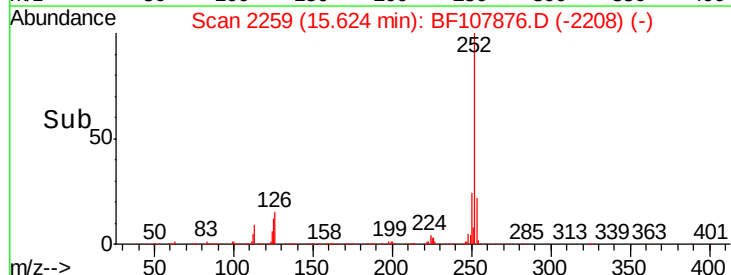
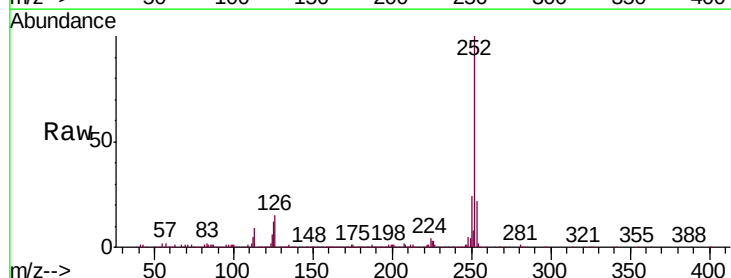
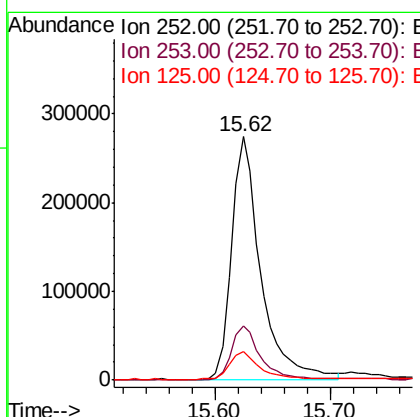
Sohil

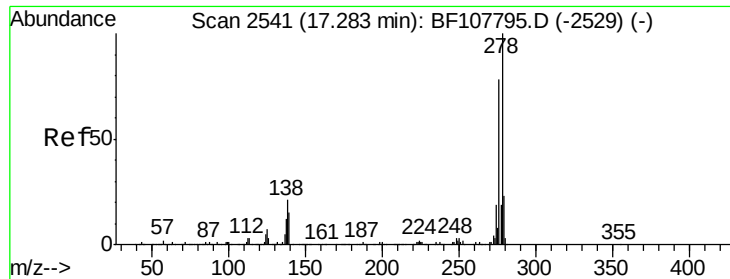
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#89
Benzo(a)pyrene
Concen: 36.626 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107876.D
Acq: 1 Aug 2018 3:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.0	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 38.694 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Instrument :

BNA_F

ClientSampleId :

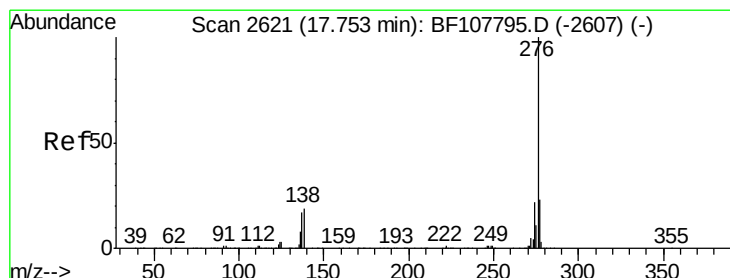
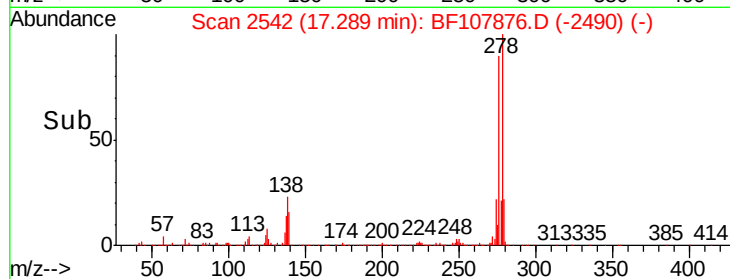
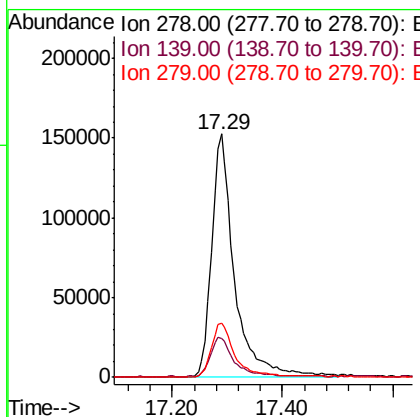
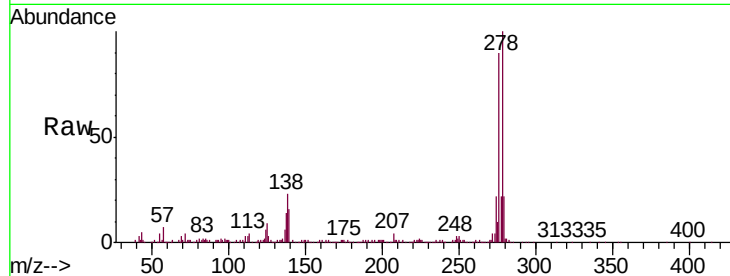
SSTDCCC040

Tgt Ion:	278	Resp:	439813
Ion Ratio	Lower	Upper	
278	100		
139	16.0	15.9	23.9
279	22.1	19.0	28.4

Manual Integrations
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Sohil

8/13/2018 12:44:30 PM



#91

Benzo(g,h,i)perylene

Concen: 37.881 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BF107876.D

Acq: 1 Aug 2018 3:41

Tgt Ion:	276	Resp:	416621
Ion Ratio	Lower	Upper	
276	100		
277	22.5	17.9	26.9
138	21.8	21.8	32.8#

