

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109922.D
 Acq On : 17 Oct 2018 15:00
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:04:16 PM

Quant Time: Oct 17 17:33:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	208494	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	845043	20.00	ng	0.00
39) Acenaphthene-d10	10.03	164	400039	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	780358	20.00	ng	0.00
76) Chrysene-d12	14.16	240	517588	20.00	ng	0.00
87) Perylene-d12	15.69	264	408080	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	974433	74.08	ng	0.00
7) Phenol-d6	6.60	99	1281399	78.46	ng	0.00
23) Nitrobenzene-d5	7.55	82	1132572	90.28	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	296606	85.64	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1938155	77.31	ng	0.00
79) Terphenyl-d14	13.10	244	2042377	82.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	256558	34.343	ng	91
3) Pyridine	3.61	79	556917	33.438	ng	87
4) n-Nitrosodimethylamine	3.55	42	139643	20.553	ng	# 95
6) Aniline	6.65	93	850326	38.633	ng	# 52
8) 2-Chlorophenol	6.76	128	582842	39.559	ng	97
9) Benzaldehyde	6.53	77	407507	38.394	ng	96
10) Phenol	6.61	94	689057	39.076	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	553955	37.571	ng	93
12) 1,3-Dichlorobenzene	6.92	146	624356	38.646	ng	98
13) 1,4-Dichlorobenzene	7.00	146	637165	39.161	ng	99
14) 1,2-Dichlorobenzene	7.15	146	599345	40.003	ng	99
15) Benzyl Alcohol	7.12	79	498841	39.700	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	896975	37.065	ng	68
17) 2-Methylphenol	7.22	107	457244	38.487	ng	# 81
18) Hexachloroethane	7.49	117	230627	40.110	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	395712	37.734	ng	96
20) 3+4-Methylphenols	7.37	107	599011	39.732	ng	# 89
22) Acetophenone	7.39	105	761640	38.865	ng	# 97
24) Nitrobenzene	7.56	77	593505	43.552	ng	95
25) Isophorone	7.80	82	937239	38.024	ng	97
26) 2-Nitrophenol	7.87	139	288397	51.041	ng	96
27) 2,4-Dimethylphenol	7.90	122	467559	39.382	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	647702	38.289	ng	99
29) 2,4-Dichlorophenol	8.12	162	465328	40.402	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	510196	39.563	ng	98
31) Naphthalene	8.29	128	1523034	39.304	ng	99
32) Benzoic acid	7.97	122	59295	8.016	ng	91
33) 4-Chloroaniline	8.33	127	694539	39.872	ng	99
34) Hexachlorobutadiene	8.40	225	275409	38.729	ng	100
35) Caprolactam	8.70	113	161048	39.373	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	492101	40.502	ng	91
37) 2-Methylnaphthalene	8.97	142	991578	39.517	ng	98
38) 1-Methylnaphthalene	9.08	142	957072	39.362	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	480165	38.969	ng	99

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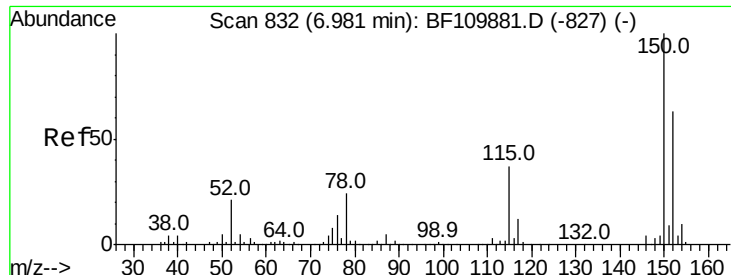
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	236327	39.738	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	309384	40.156	ng	96
44) 2,4,5-Trichlorophenol	9.29	196	329871	41.252	ng	96
46) 1,1'-Biphenyl	9.44	154	1388534	38.958	ng	98
47) 2-Chloronaphthalene	9.47	162	1018688	38.802	ng	98
48) 2-Nitroaniline	9.56	65	332819	49.398	ng	91
49) Acenaphthylene	9.89	152	1504643	39.451	ng	97
50) Dimethylphthalate	9.74	163	1113913	39.324	ng	100
51) 2,6-Dinitrotoluene	9.80	165	261965	48.691	ng #	86
52) Acenaphthene	10.06	154	954006	39.289	ng	97
53) 3-Nitroaniline	9.97	138	319708	48.851	ng	91
54) 2,4-Dinitrophenol	10.07	184	44238	31.846	ng	88
55) Dibenzofuran	10.23	168	1372669	39.639	ng	99
56) 4-Nitrophenol	10.12	139	226215	45.300	ng	94
57) 2,4-Dinitrotoluene	10.20	165	338643	49.654	ng	90
58) Fluorene	10.57	166	1009334	40.040	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	244631	38.601	ng	96
60) Diethylphthalate	10.44	149	1159489	41.444	ng	98
61) 4-Chlorophenyl-phenylether	10.56	204	520283	39.622	ng	98
62) 4-Nitroaniline	10.59	138	311255	50.242	ng	90
63) Azobenzene	10.72	77	1112675	38.069	ng	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	73759	29.698	ng	78
66) n-Nitrosodiphenylamine	10.68	169	984972	37.897	ng	95
67) 4-Bromophenyl-phenylether	11.06	248	317189	37.506	ng	99
68) Hexachlorobenzene	11.12	284	345582	38.320	ng	94
69) Atrazine	11.20	200	316295	38.959	ng	99
70) Pentachlorophenol	11.31	266	160128	31.200	ng	97
71) Phenanthrene	11.54	178	1552451	38.427	ng	99
72) Anthracene	11.59	178	1569157	38.634	ng	99
73) Carbazole	11.75	167	1560670	39.098	ng	99
74) Di-n-butylphthalate	12.07	149	1690164	37.940	ng	99
75) Fluoranthene	12.73	202	1560709	38.671	ng	99
77) Benzidine	12.85	184	659209	33.218	ng	97
78) Pyrene	12.96	202	1617057	42.537	ng	99
80) Butylbenzylphthalate	13.57	149	667524	43.433	ng	97
81) Benzo(a)anthracene	14.15	228	1179231	38.679	ng	100
82) 3,3'-Dichlorobenzidine	14.11	252	427696	40.016	ng	100
83) Chrysene	14.19	228	1106672	38.136	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	824912	40.790	ng	95
85) Di-n-octyl phthalate	14.74	149	1106549	38.811	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	1144817	48.997	ng #	94
88) Benzo(b)fluoranthene	15.23	252	911153m	38.728	ng	
89) Benzo(k)fluoranthene	15.26	252	887654	38.279	ng	98
90) Benzo(a)pyrene	15.62	252	873348	40.362	ng	98
91) Dibenzo(a,h)anthracene	17.27	278	944521	49.255	ng	96
92) Benzo(g,h,i)perylene	17.73	276	986648	50.924	ng #	95

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



#1

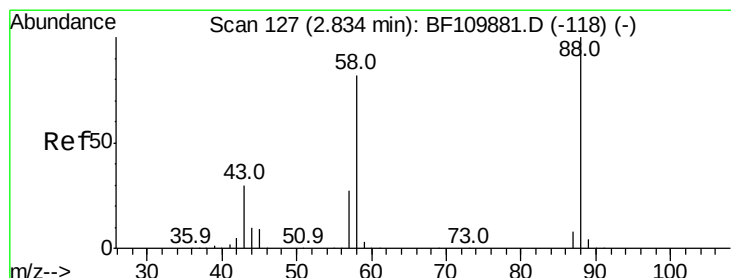
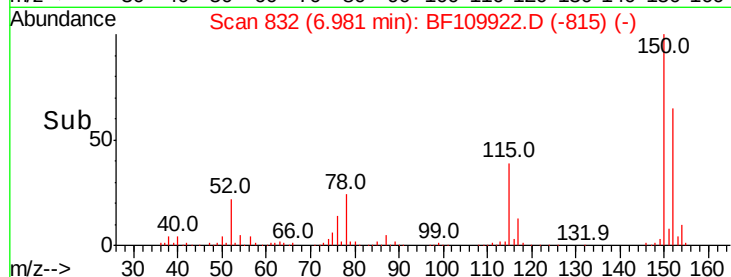
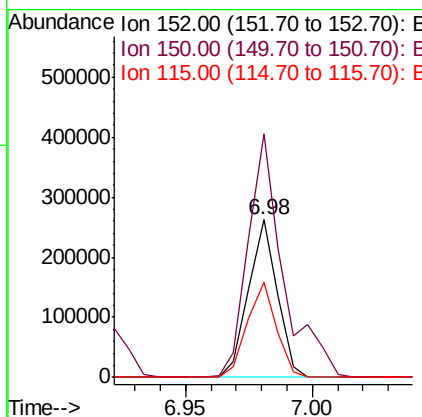
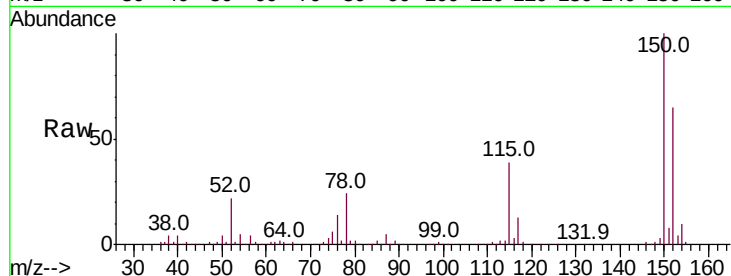
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.7	184.1
115	60.3	49.1	73.7

Manual Integrations
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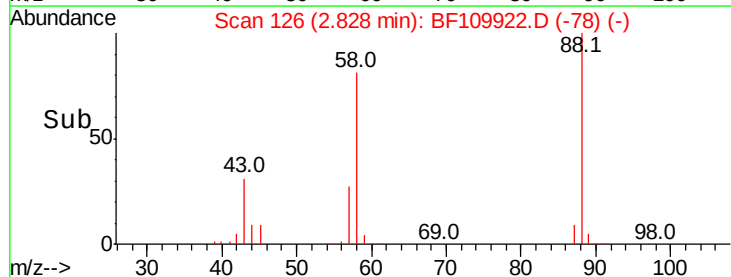
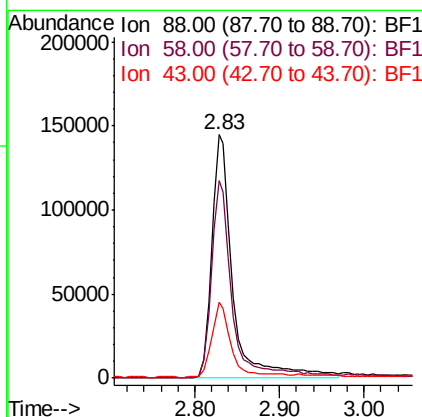
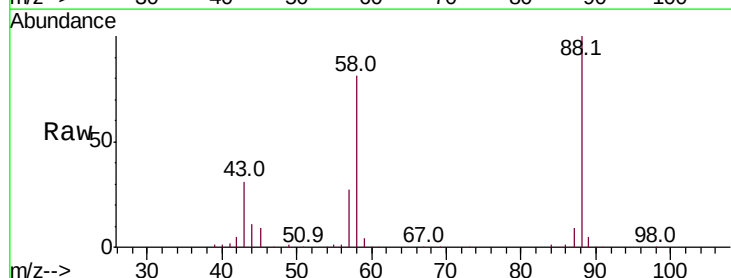
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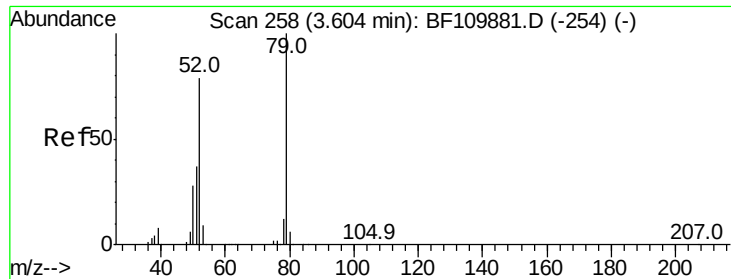


#2

1,4-Dioxane
Concen: 34.343 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	57.1	85.7
43	28.7	24.1	36.1





#3

Pvridine

Concen: 33.438 ng

RT: 3.61 min Scan# 259

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

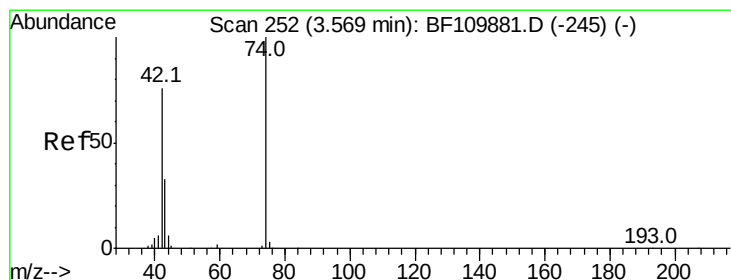
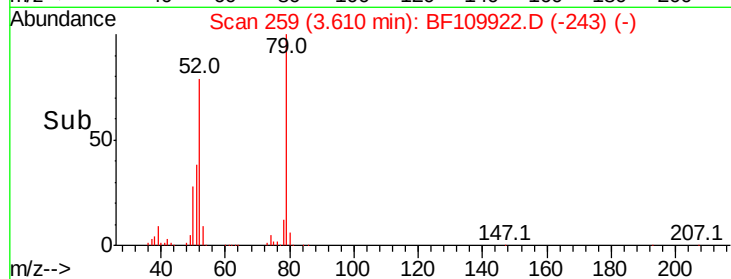
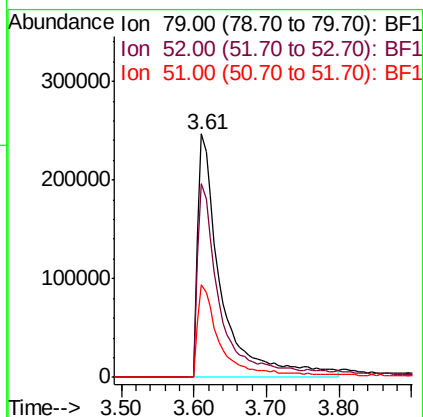
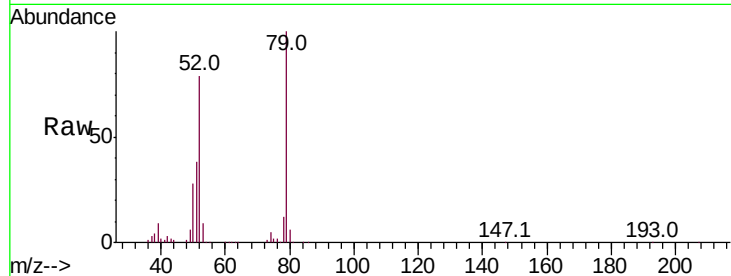
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	556917
Ion Ratio	Lower	Upper	
79	100		
52	79.4	53.1	79.7
51	37.9	27.4	41.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 20.553 ng

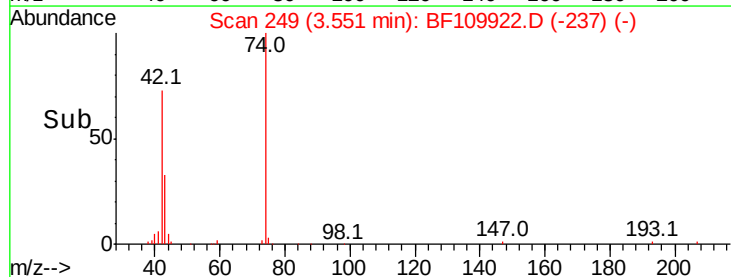
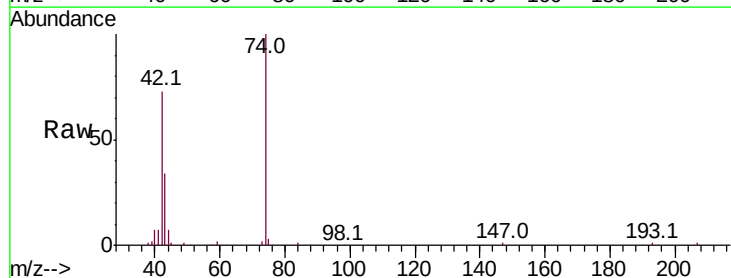
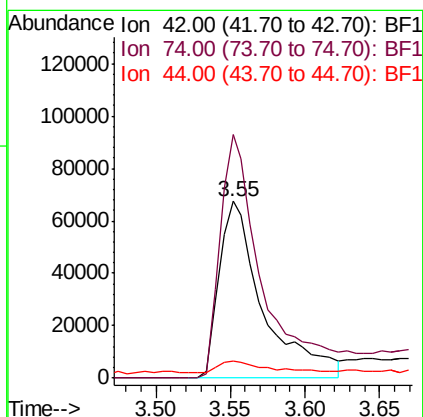
RT: 3.55 min Scan# 249

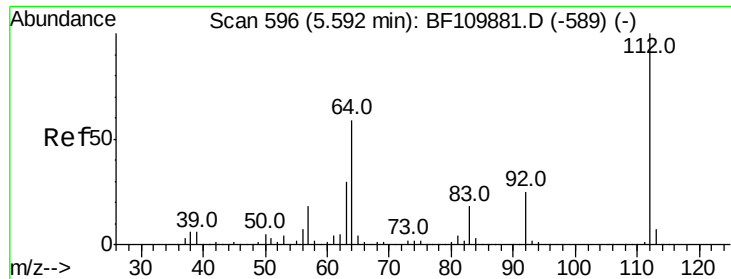
Delta R.T. -0.03 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Tgt Ion:	42	Resp:	139643
Ion Ratio	Lower	Upper	
42	100		
74	137.7	105.5	158.3
44	9.8	4.9	7.3





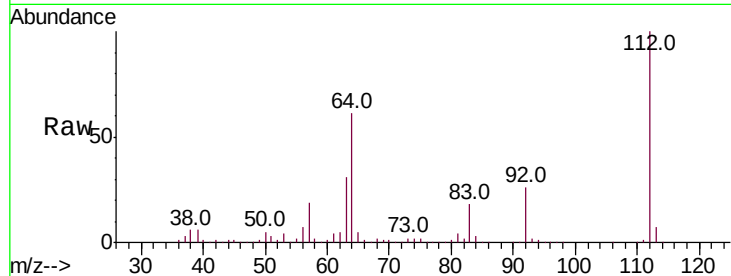
#5
2-Fluorophenol
Concen: 74.084 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

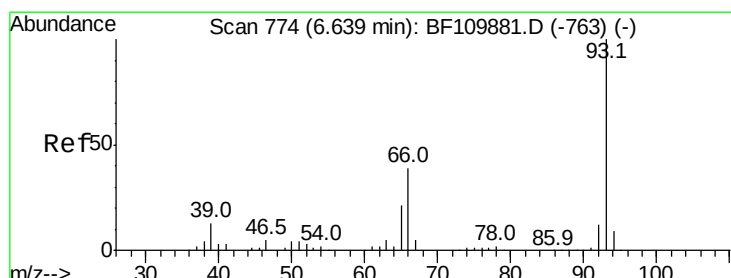
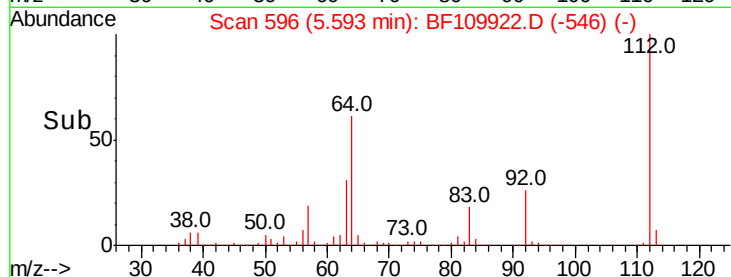
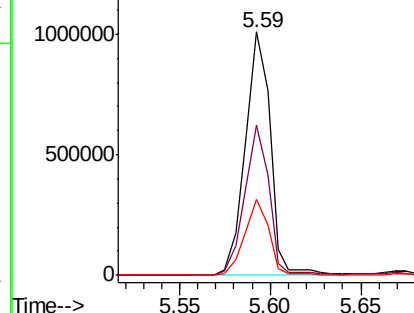
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.5	44.1	66.1
63	31.3	23.7	35.5

Manual Integrations
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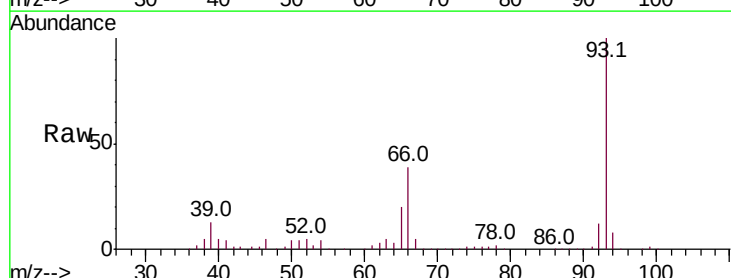


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

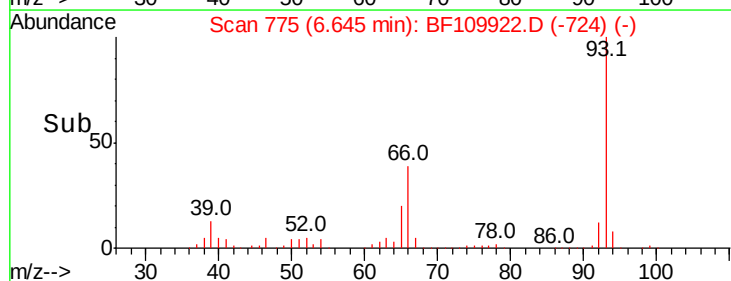
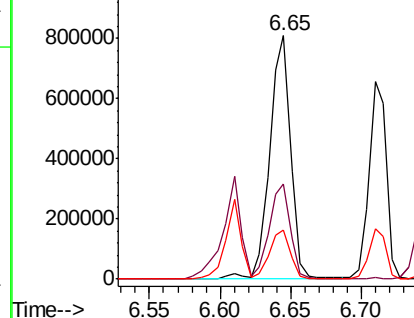


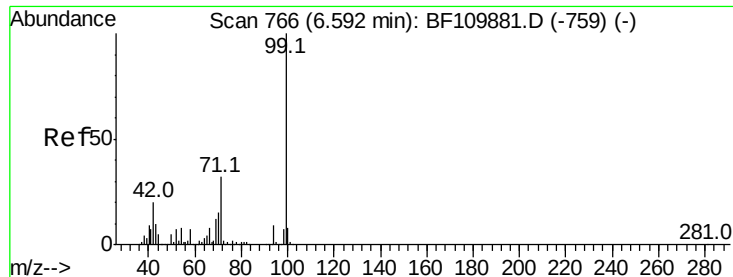
#6
Aniline
Concen: 38.633 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.1	67.4	101.0#
65	20.1	41.0	61.4#



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





#7

Phenol-d6

Concen: 78.456 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1281399

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

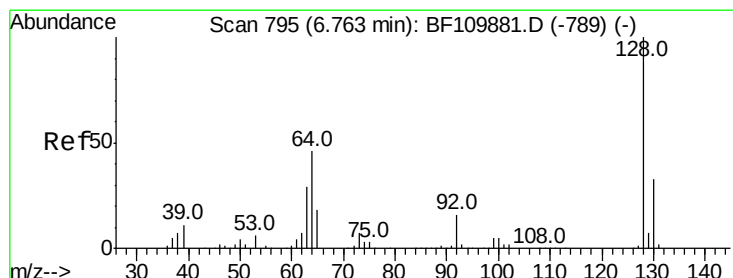
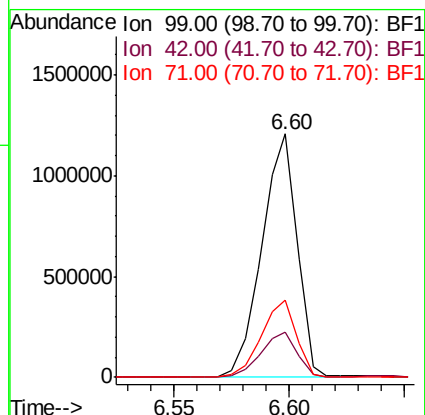
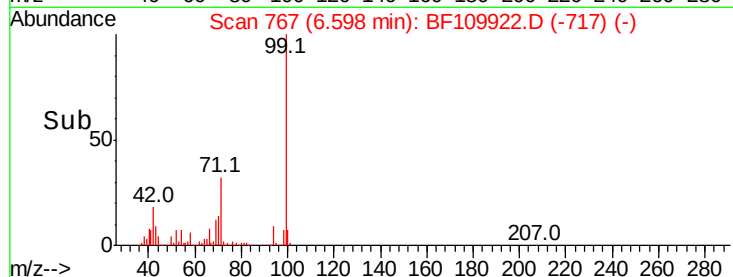
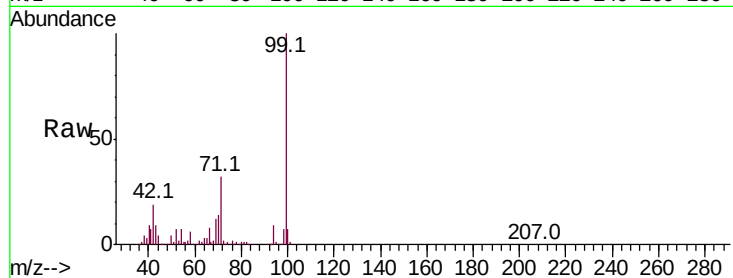
71 31.8 28.0 42.0

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#8

2-Chlorophenol

Concen: 39.559 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

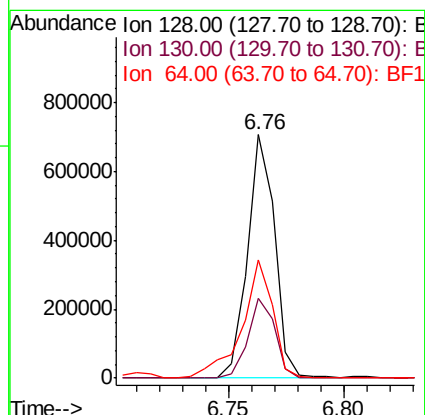
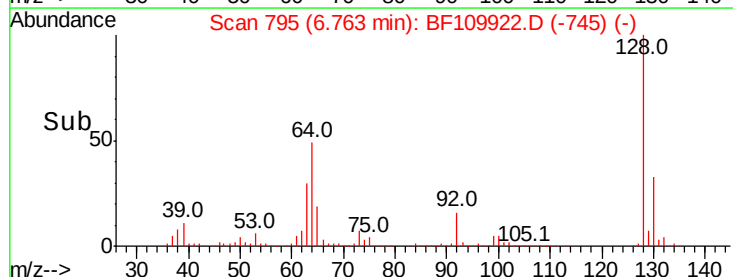
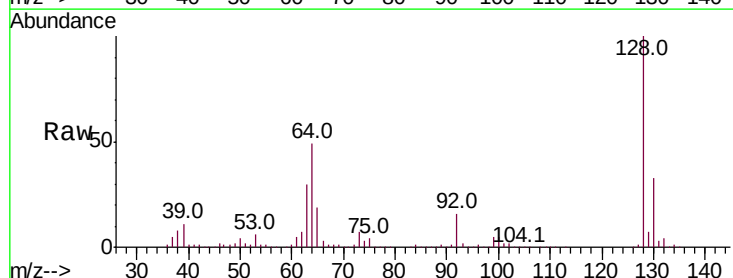
Tgt Ion: 128 Resp: 582842

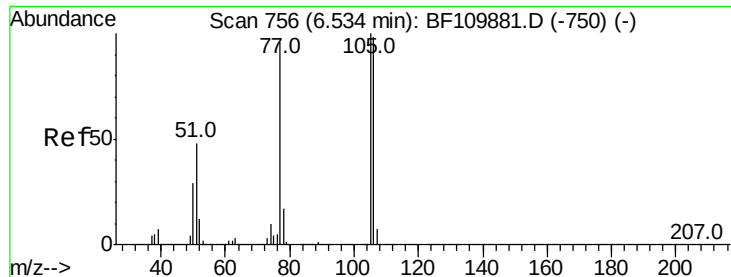
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 48.6 26.0 66.0





#9

Benzaldehyde

Concen: 38.394 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

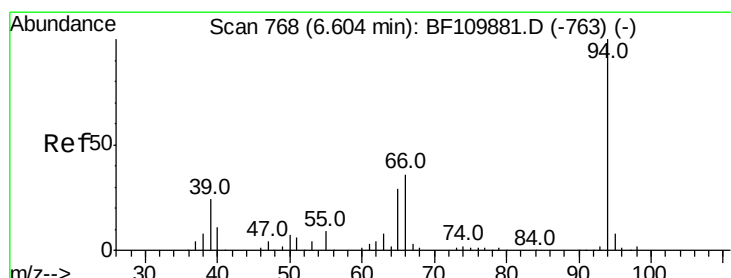
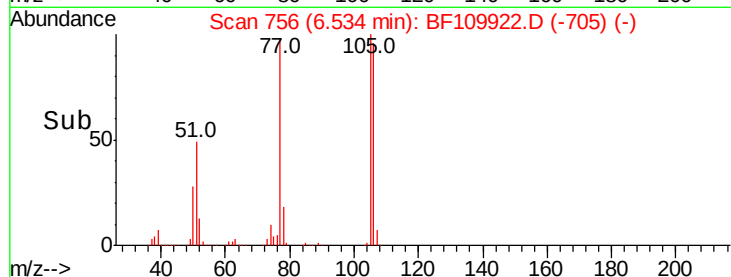
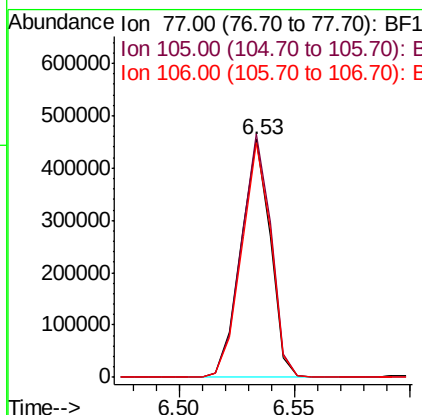
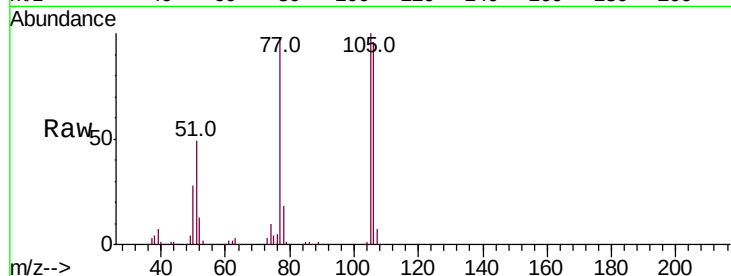
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	407507
Ion Ratio	Lower	Upper	
77	100		
105	102.4	78.6	118.6
106	98.4	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 39.076 ng

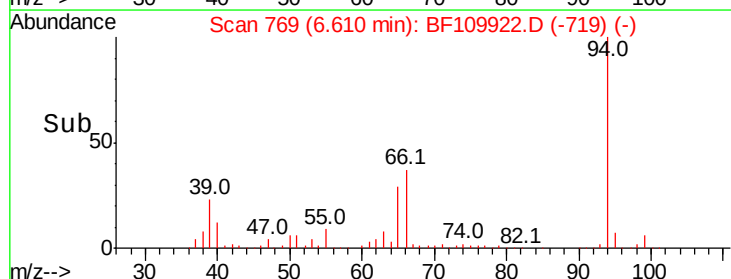
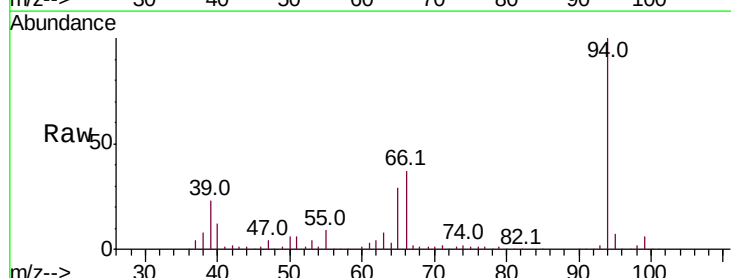
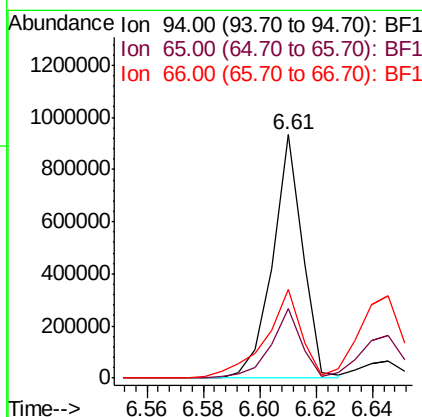
RT: 6.61 min Scan# 769

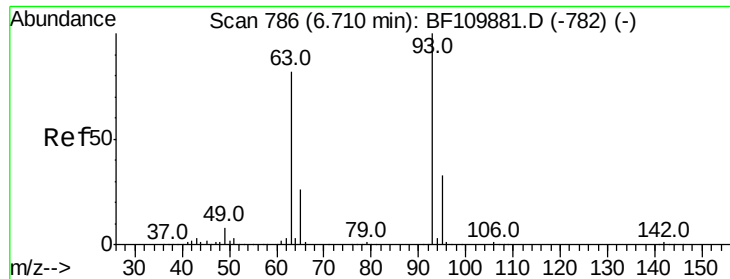
Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Tgt Ion:	94	Resp:	689057
Ion Ratio	Lower	Upper	
94	100		
65	28.5	25.3	65.3
66	36.7	54.5	94.5#





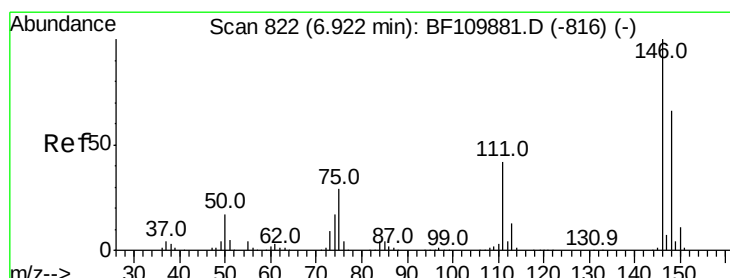
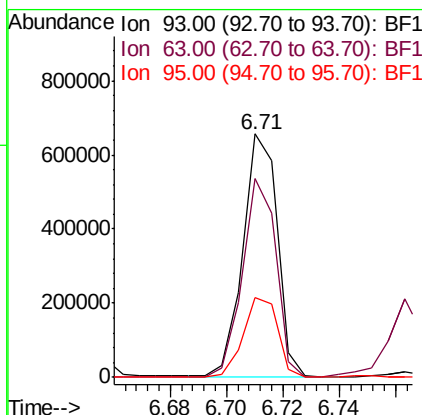
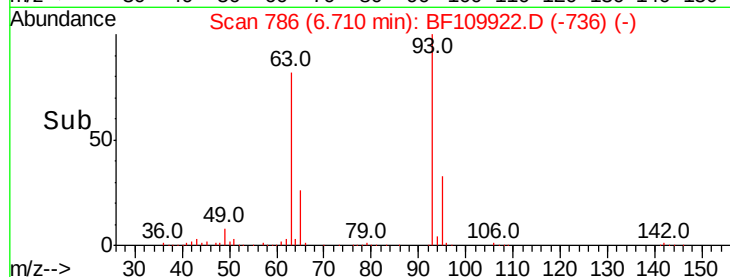
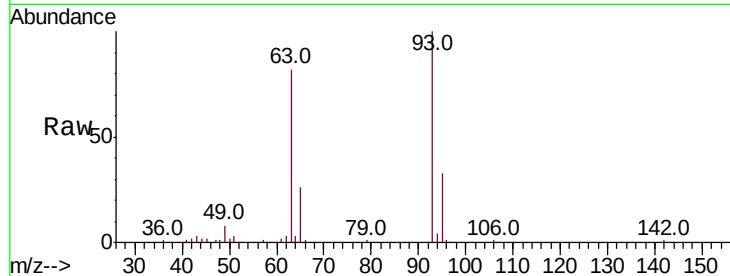
#11
bis(2-Chloroethyl)ether
Concen: 37.571 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.9	53.4	93.4
95	32.8	12.1	52.1

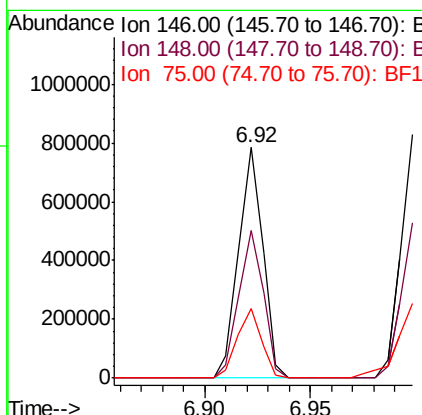
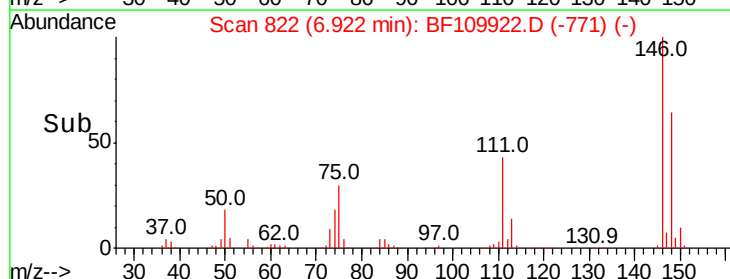
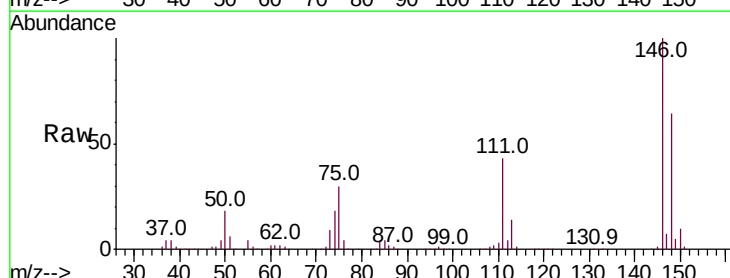
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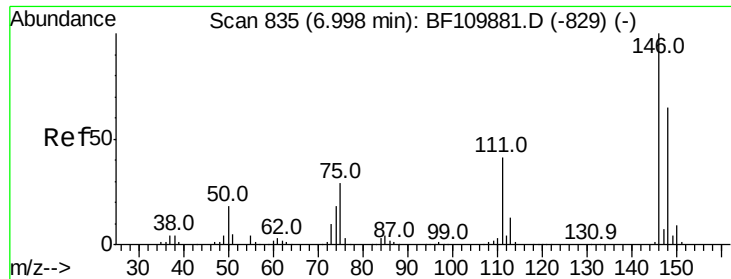
Sohil
10/18/2018 2:04:16 PM



#12
1,3-Dichlorobenzene
Concen: 38.646 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
75	30.4	25.8	38.6





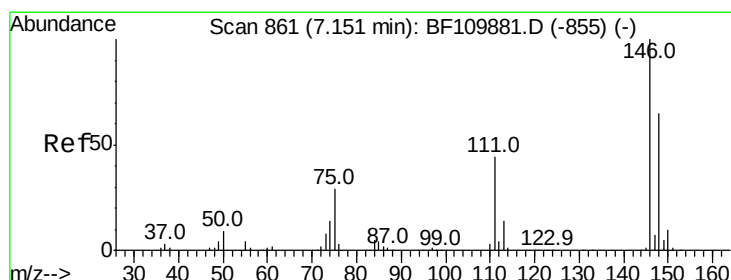
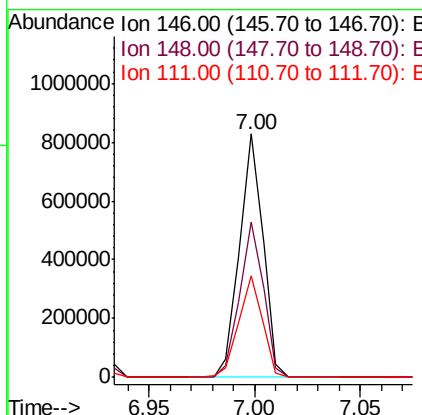
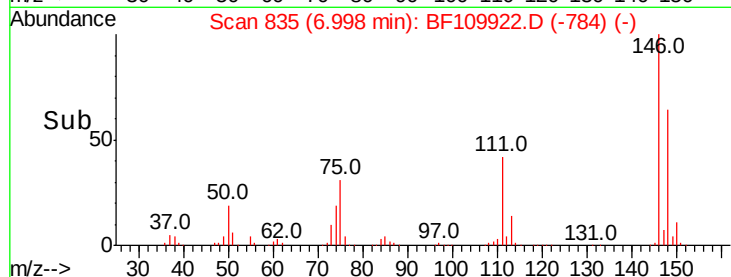
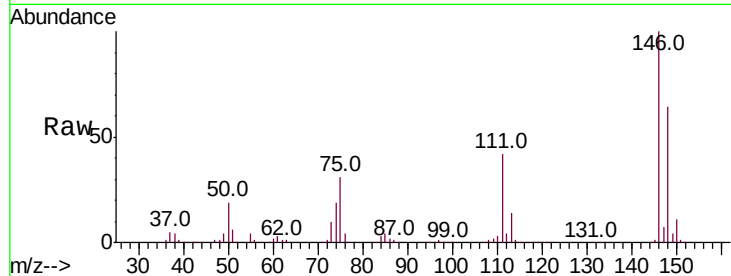
#13
 1,4-Dichlorobenzene
 Concen: 39.161 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	41.6	32.7	49.1

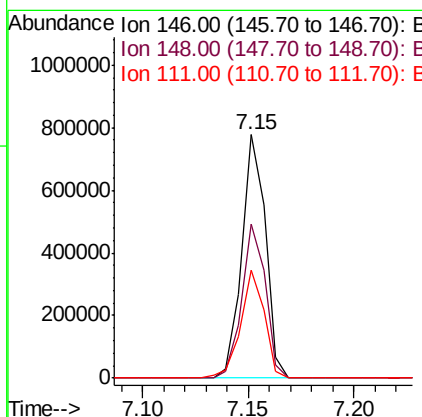
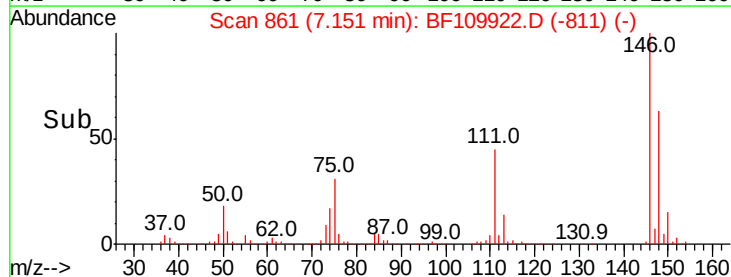
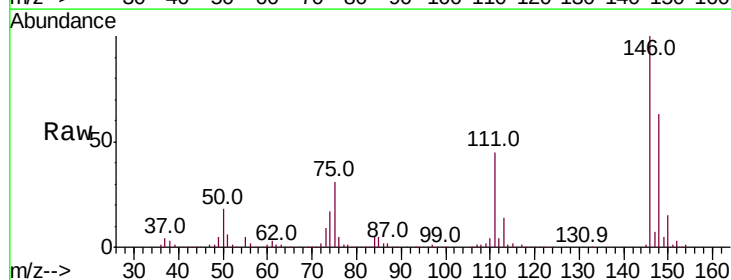
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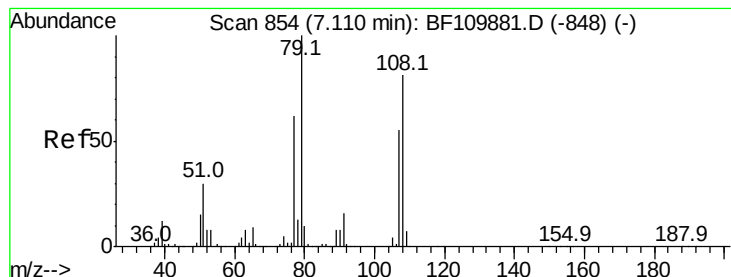
Sohil
 10/18/2018 2:04:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.003 ng
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	44.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 39.700 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

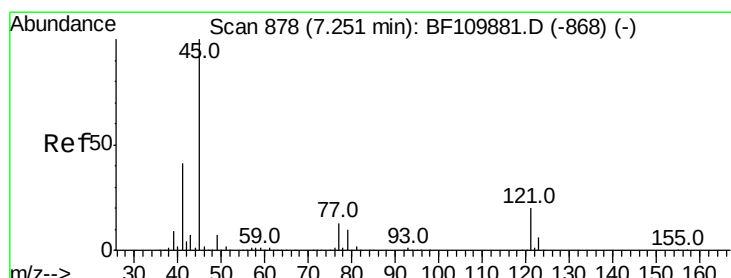
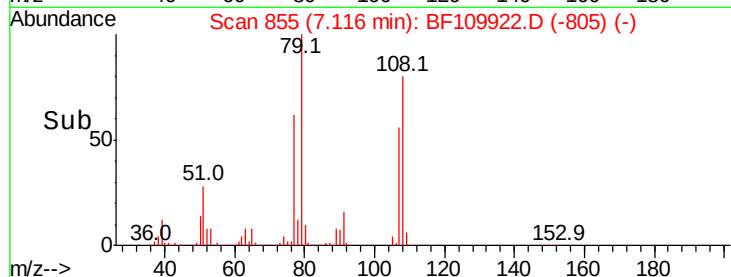
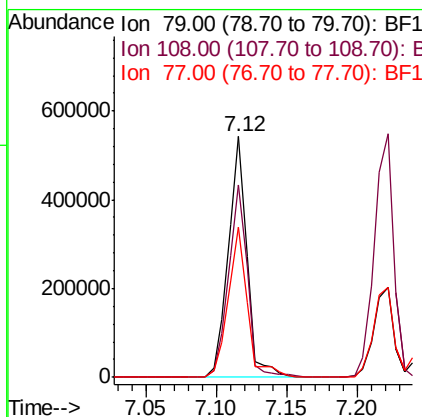
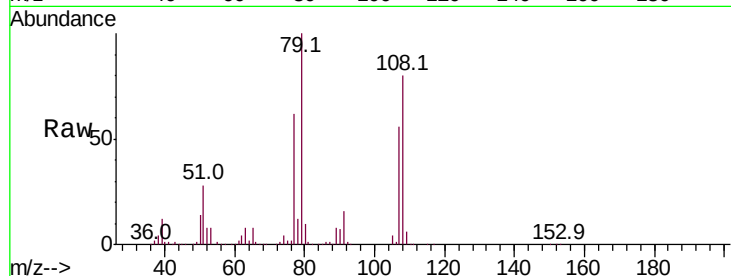
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	498841
Ion Ratio	Lower	Upper	
79	100		
108	80.1	56.3	84.5
77	62.5	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.065 ng

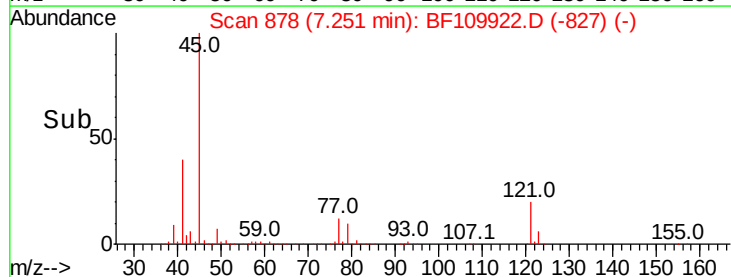
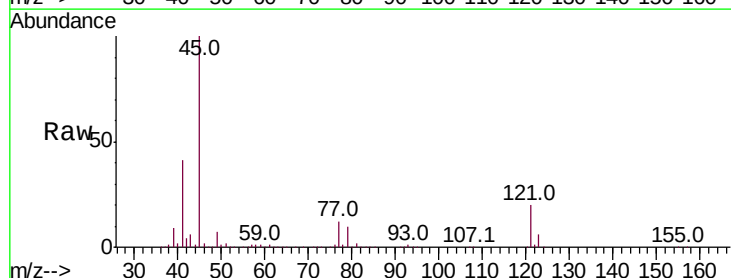
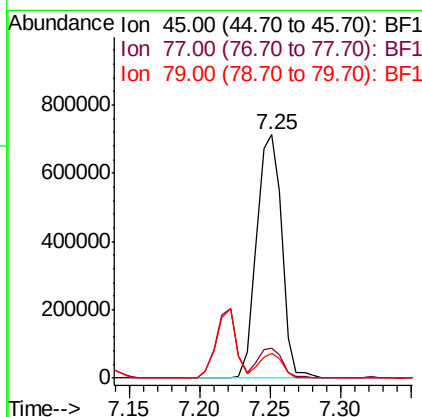
RT: 7.25 min Scan# 878

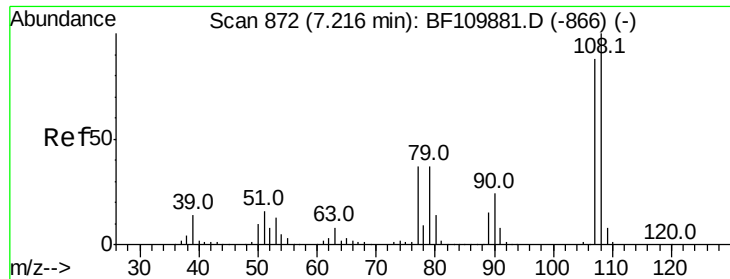
Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Tgt Ion:	45	Resp:	896975
Ion Ratio	Lower	Upper	
45	100		
77	12.3	10.0	50.0
79	10.0	6.1	46.1





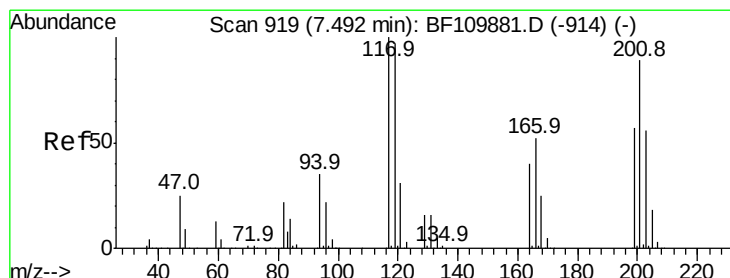
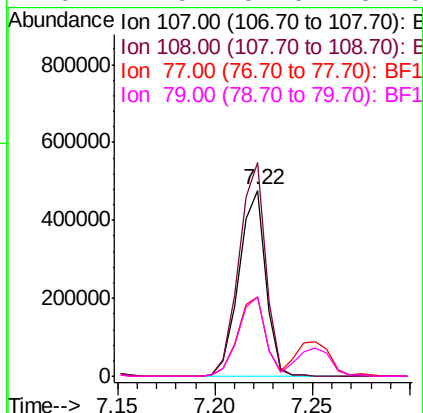
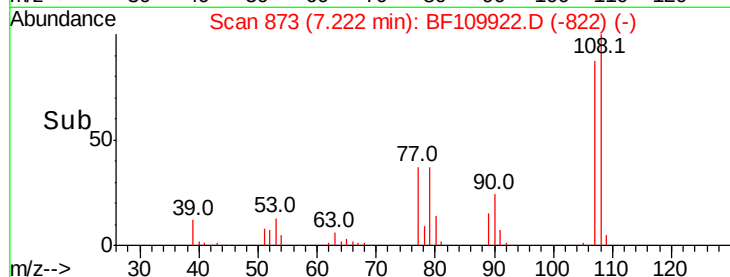
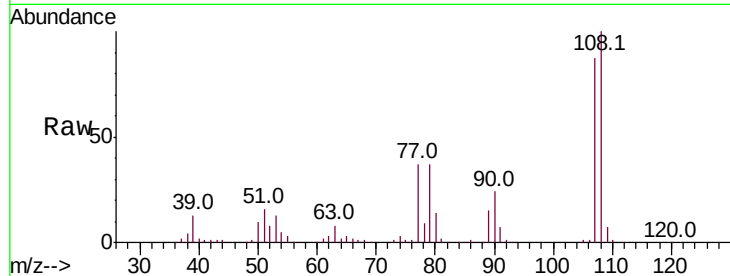
#17
2-Methylphenol
Concen: 38.487 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	92.6	138.8
77	42.7	59.4	89.2#
79	42.5	54.0	81.0#

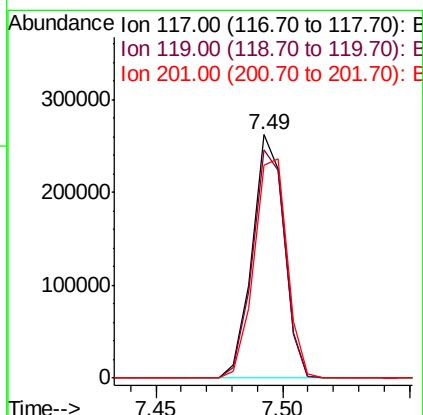
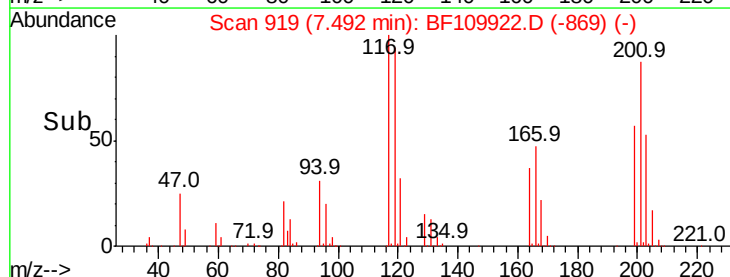
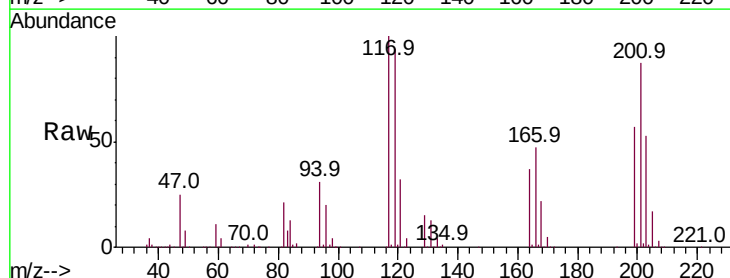
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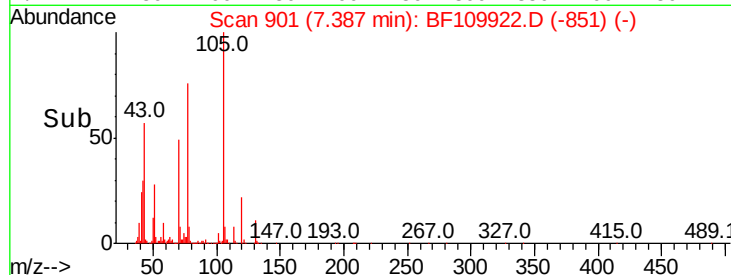
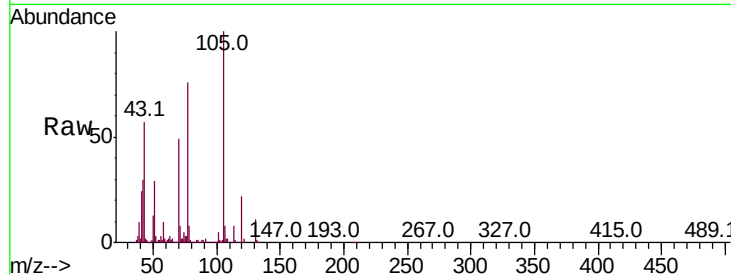
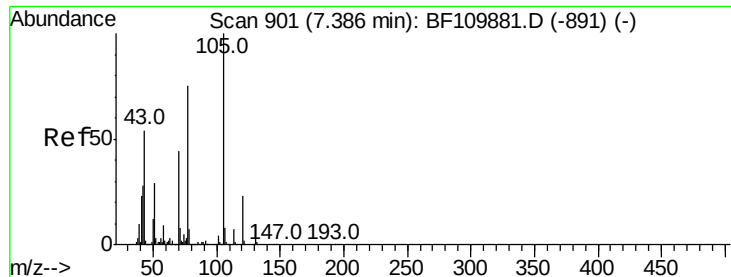
Sohil
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#18
Hexachloroethane
Concen: 40.110 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.0	112.6
201	87.2	79.2	118.8





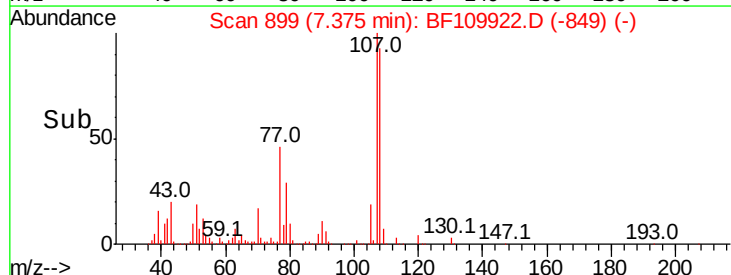
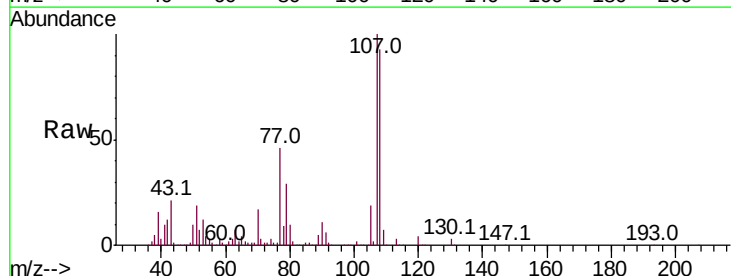
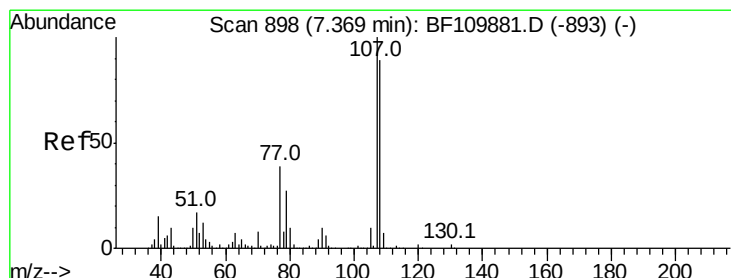
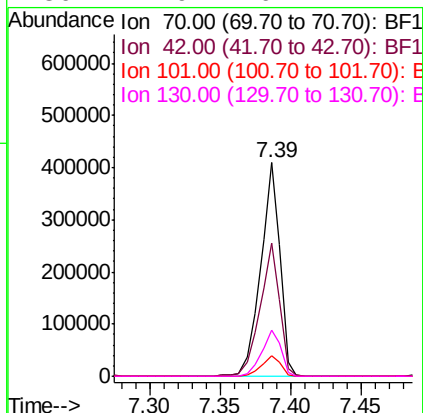
#19
n-Nitroso-di-n-propylamine
Concen: 37.734 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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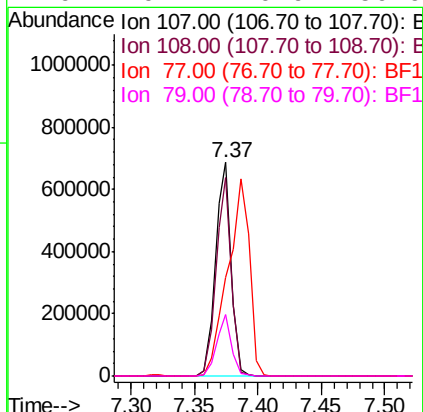
Sohil
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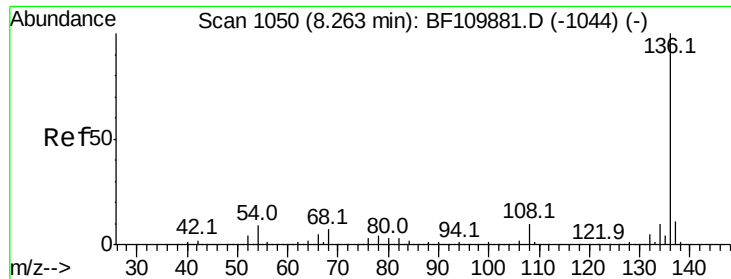
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	47.4	71.2
101	9.6	7.3	10.9
130	21.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.732 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	71.4	111.4
77	46.4	47.3	87.3#
79	29.1	10.9	50.9





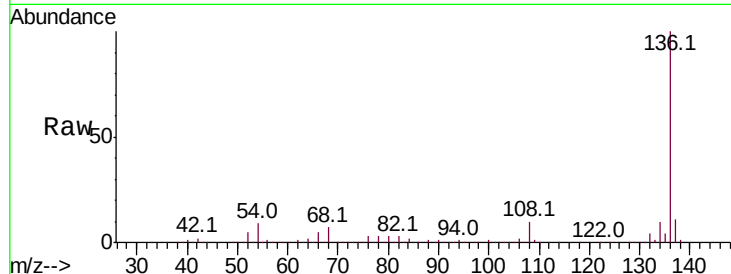
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	9.2	5.4	8.2#	
68	6.6	4.2	6.2#	

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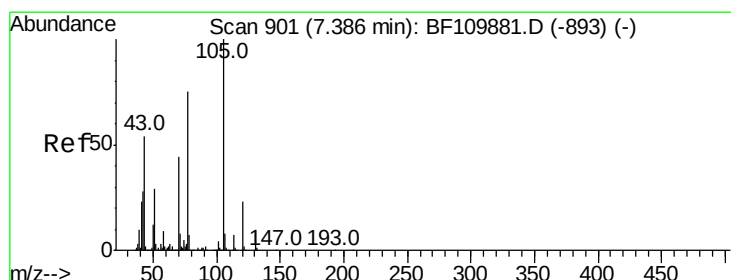
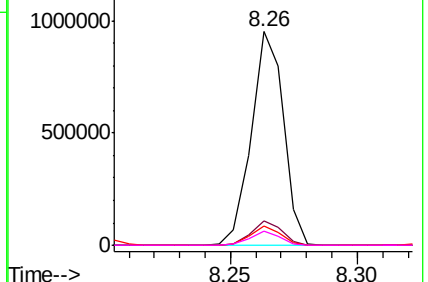
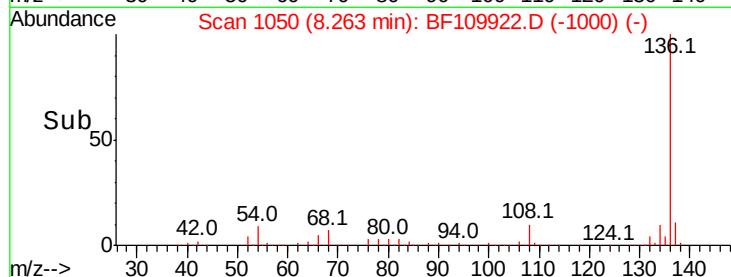
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

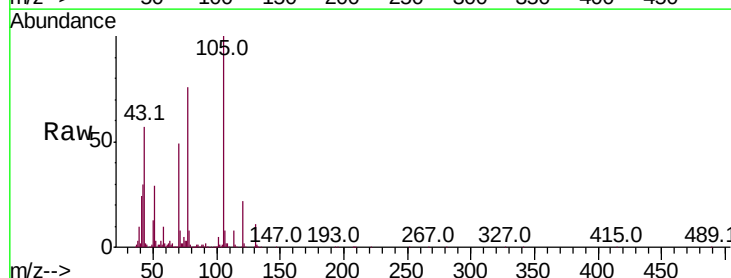
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.865 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.3	5.2	7.8#	
51	28.5	21.8	32.8	
120	22.1	17.0	25.4	



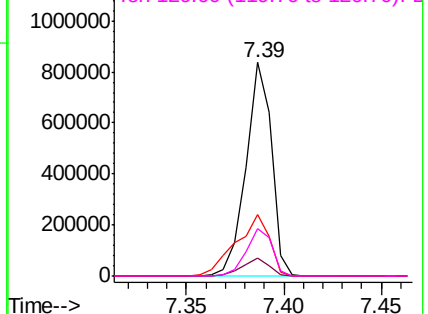
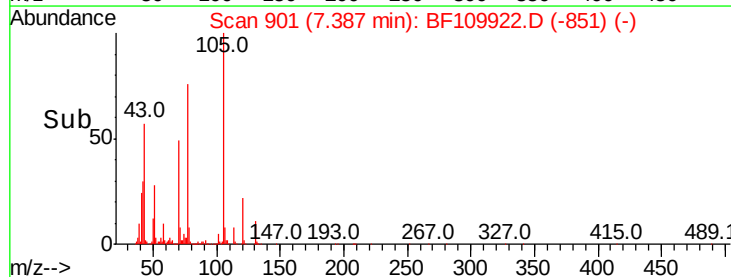
Abundance

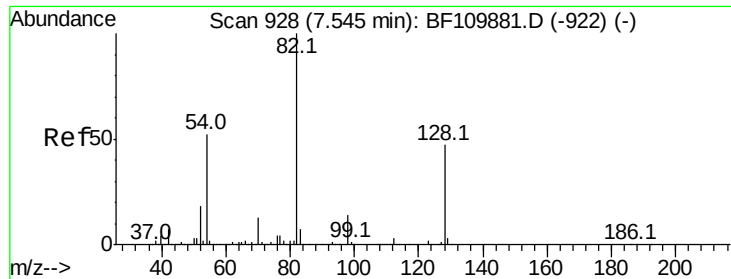
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





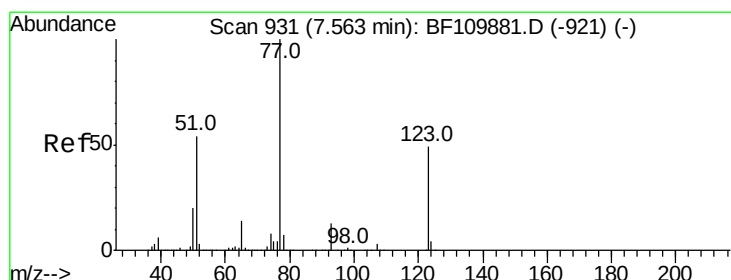
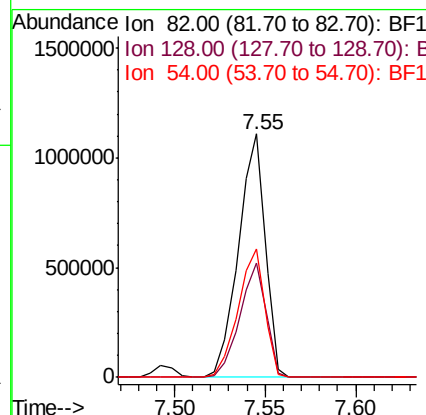
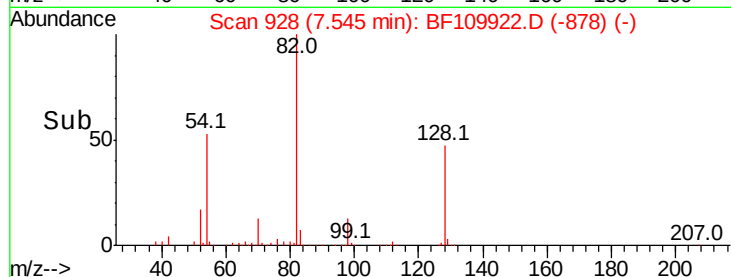
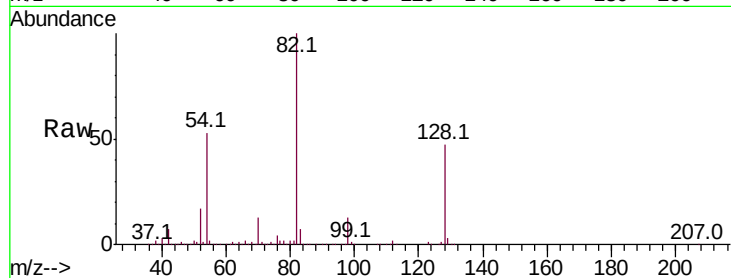
#23
Nitrobenzene-d5
Concen: 90.285 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.2	51.2
54	52.6	38.6	58.0

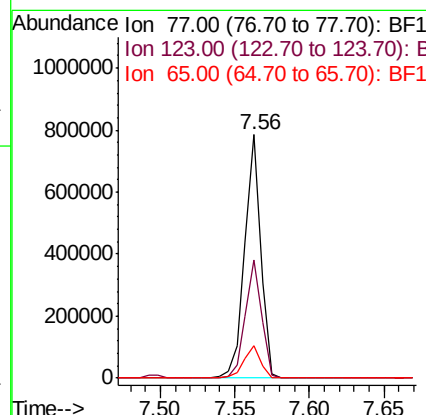
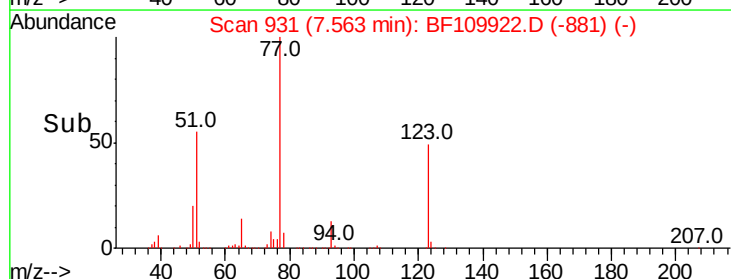
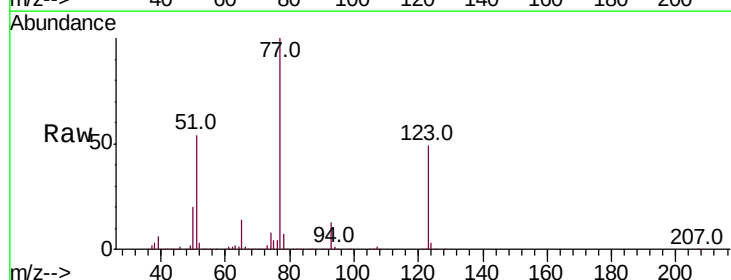
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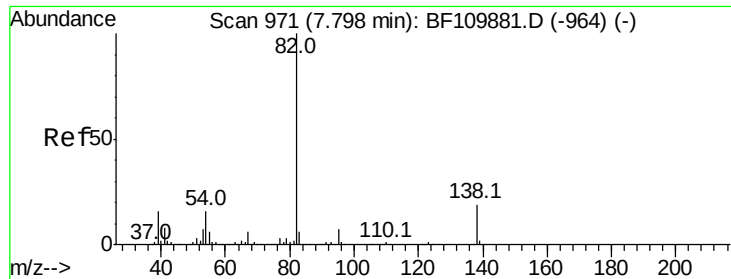
Sohil
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#24
Nitrobenzene
Concen: 43.552 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	35.7	53.5
65	13.5	10.7	16.1





#25

Isophorone

Concen: 38.024 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

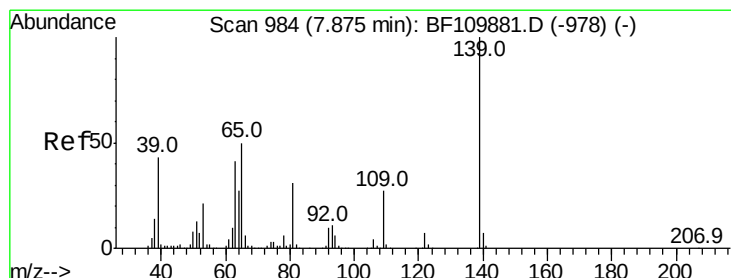
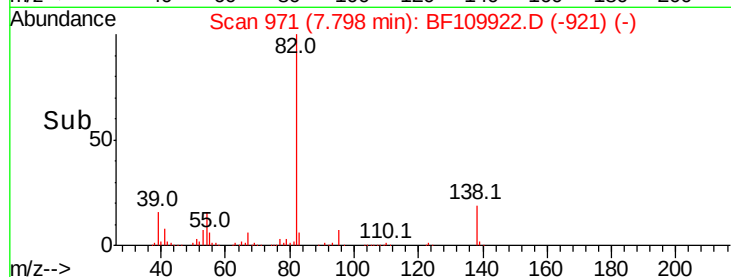
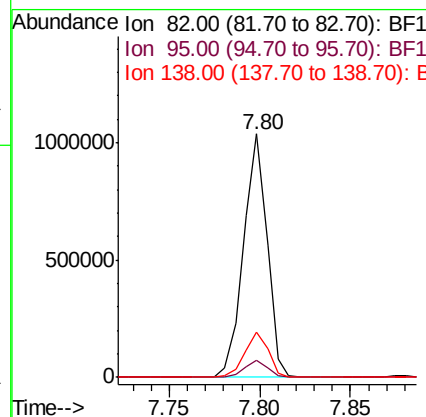
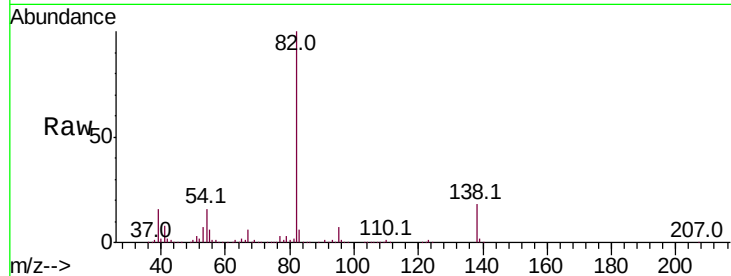
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	937239
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.5	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.041 ng

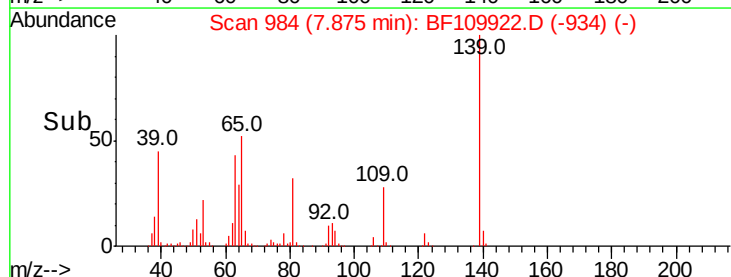
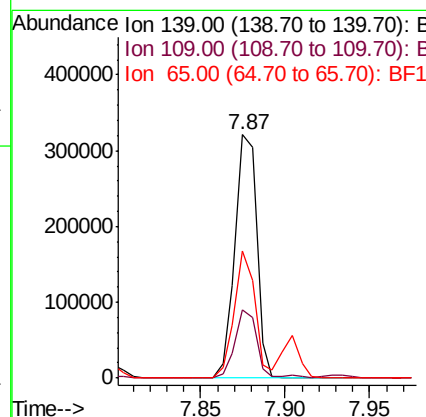
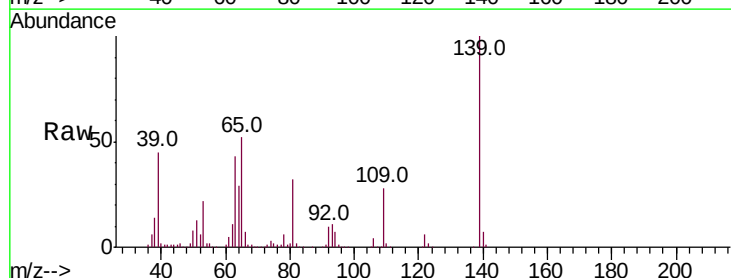
RT: 7.87 min Scan# 984

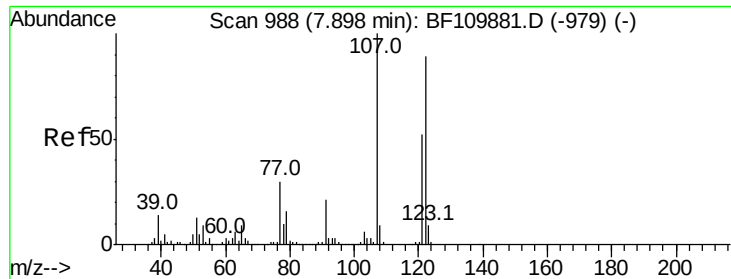
Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Tgt Ion:	139	Resp:	288397
Ion	Ratio	Lower	Upper
139	100		
109	28.2	25.0	37.6
65	52.5	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 39.382 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

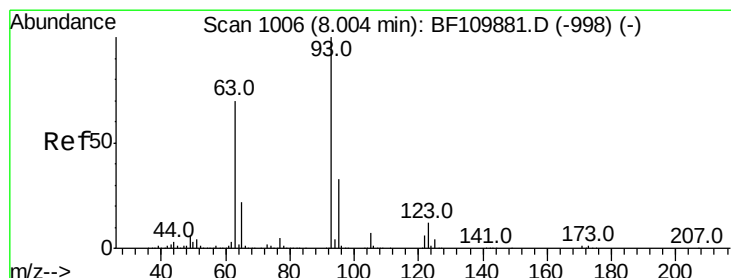
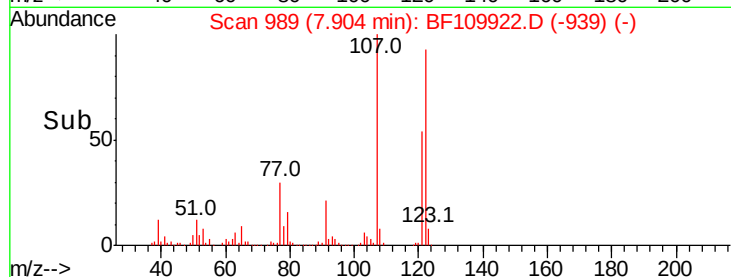
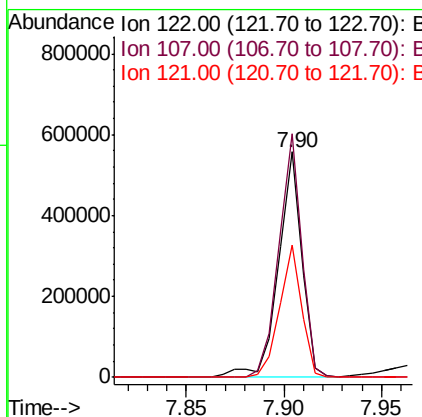
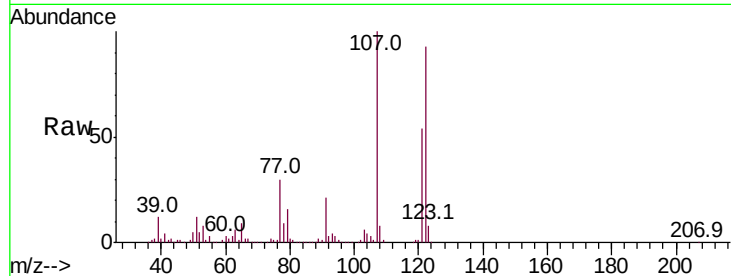
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	467559
Ion Ratio	Lower	Upper	
122	100		
107	108.1	92.5	138.7
121	58.5	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.289 ng

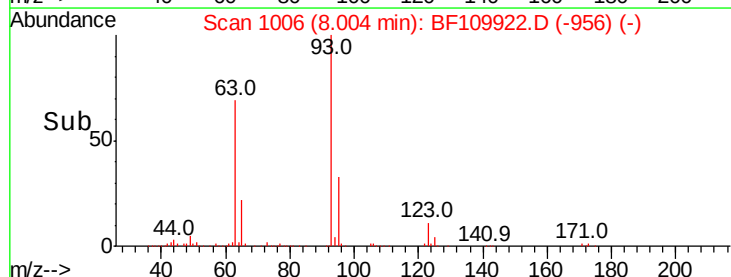
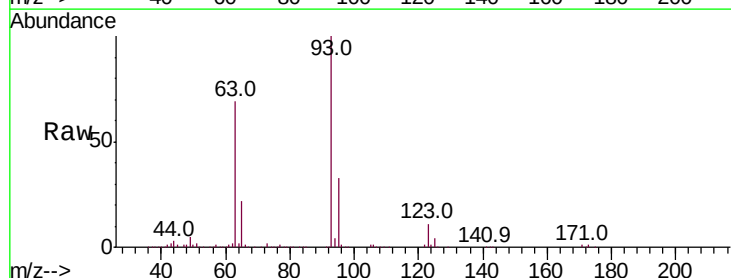
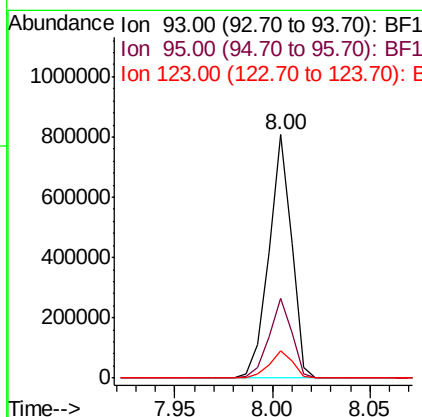
RT: 8.00 min Scan# 1006

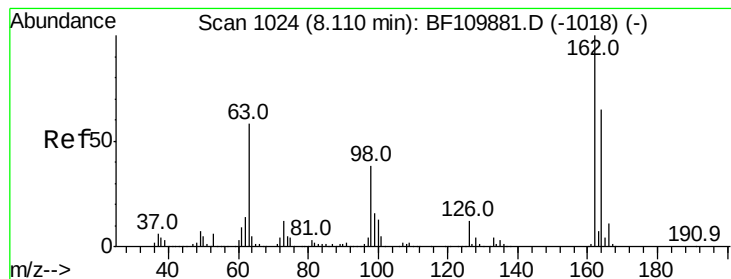
Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Tgt Ion:	93	Resp:	647702
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.4	39.6
123	11.4	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 40.402 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

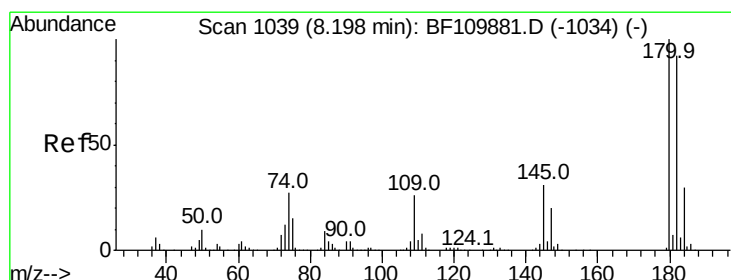
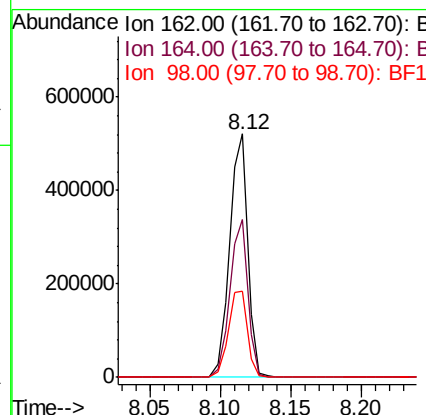
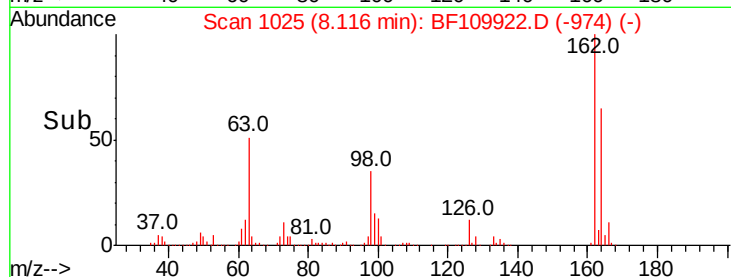
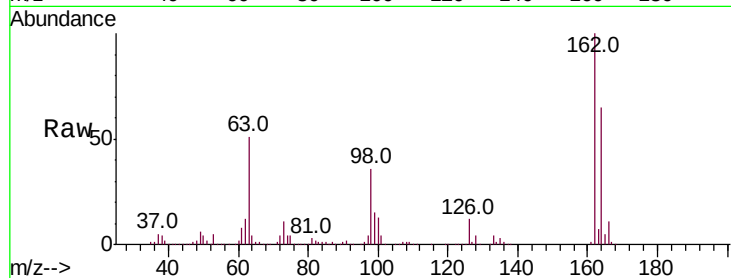
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	465328
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.6	84.6
98	35.6	17.4	57.4

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#30

1,2,4-Trichlorobenzene

Concen: 39.563 ng

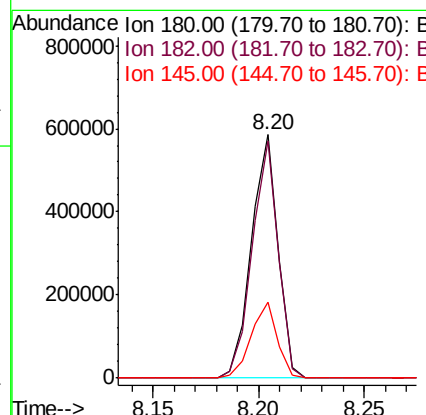
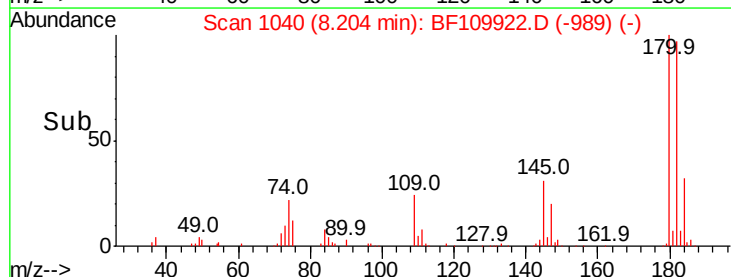
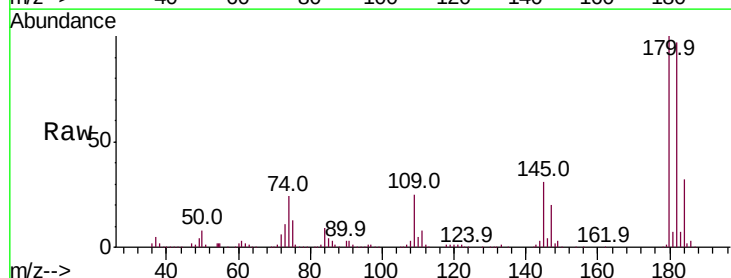
RT: 8.20 min Scan# 1040

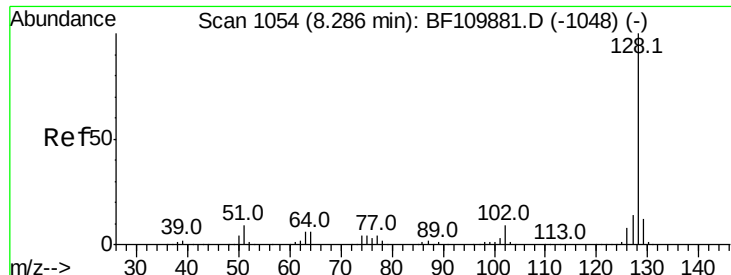
Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Tgt Ion:	180	Resp:	510196
Ion Ratio	Lower	Upper	
180	100		
182	97.4	80.3	120.5
145	31.4	25.4	38.0





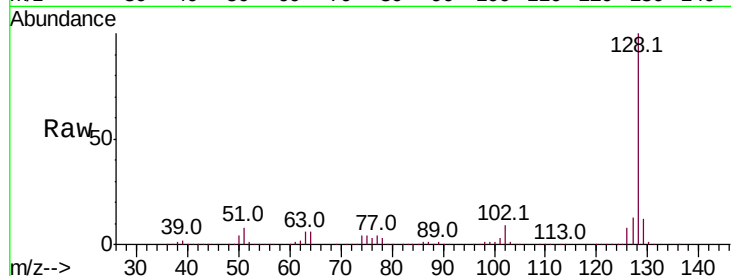
#31
Naphthalene
Concen: 39.304 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

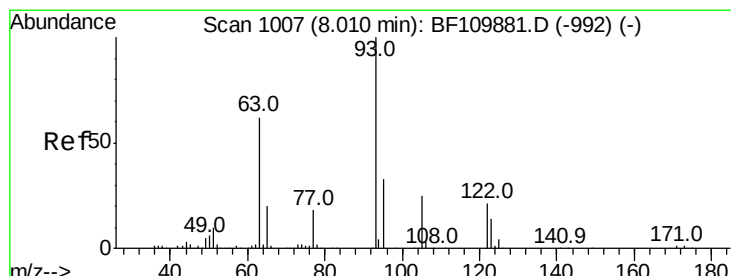
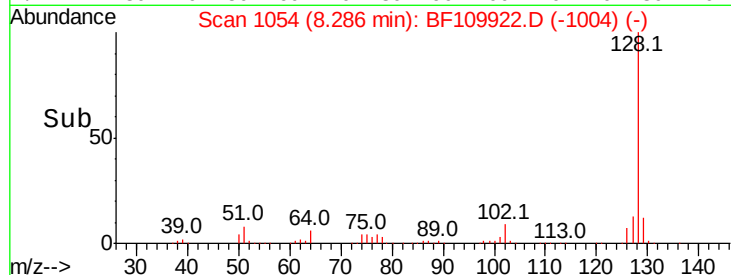
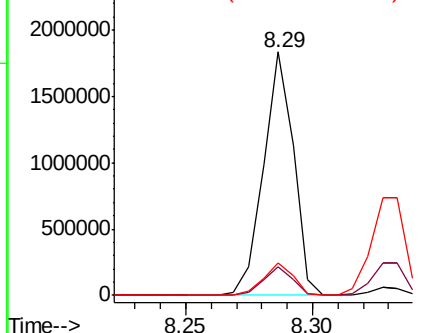
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.4	10.8	16.2

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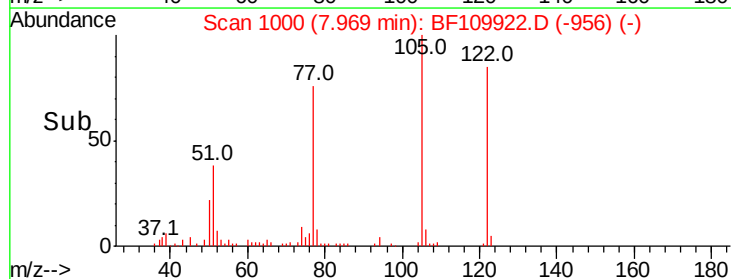
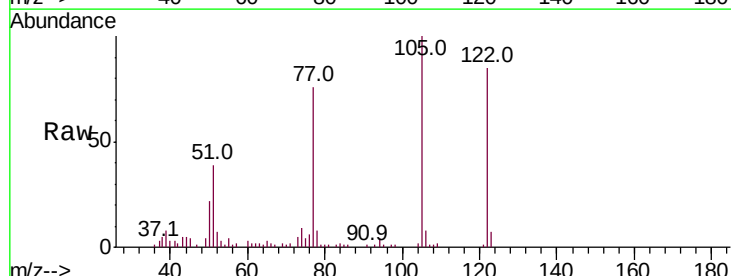
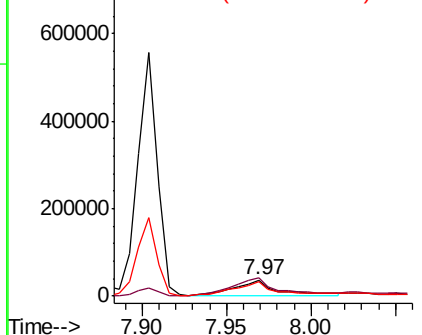
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

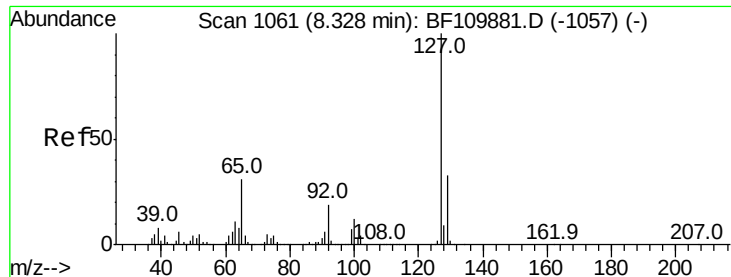


#32
Benzoic acid
Concen: 8.016 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	109.0	149.0
77	90.0	79.0	119.0

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





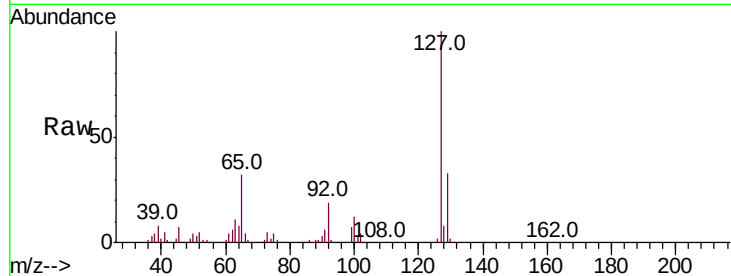
#33
4-Chloroaniline
Concen: 39.872 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.0	39.0	
65	31.7	25.1	37.7	
92	19.5	15.0	22.6	

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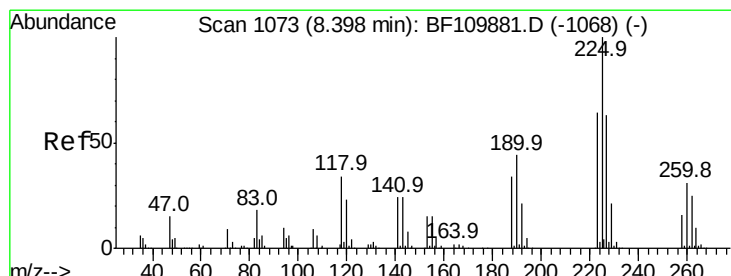
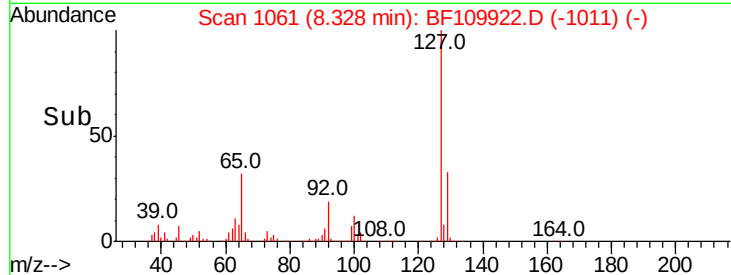
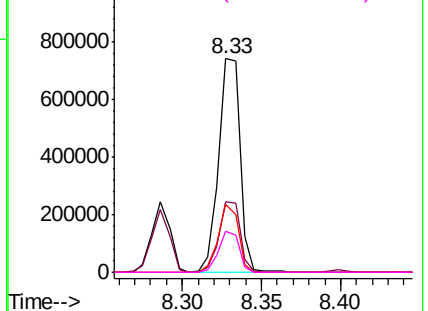
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

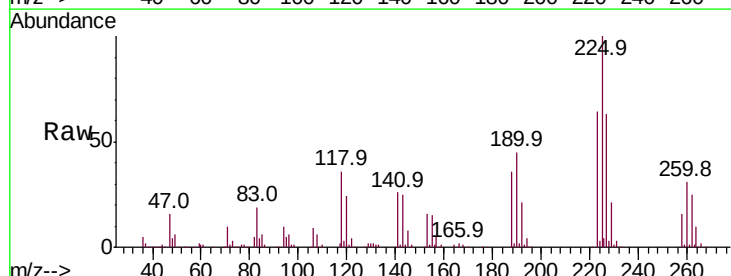
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.729 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	51.4	77.2	
227	63.3	51.0	76.6	

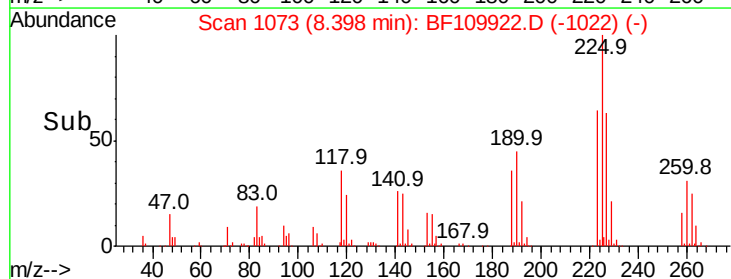
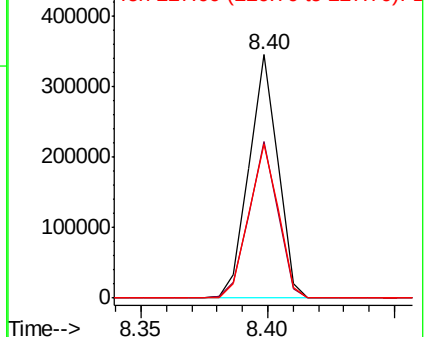


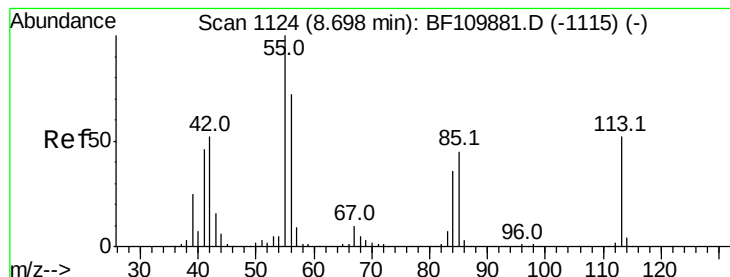
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.373 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 161048

Ion Ratio Lower Upper

113 100

55 176.1 142.8 182.8

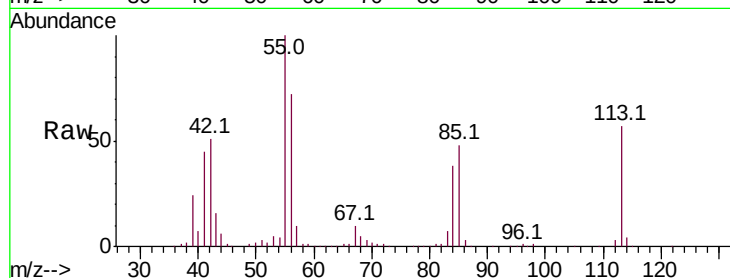
56 126.4 105.0 145.0

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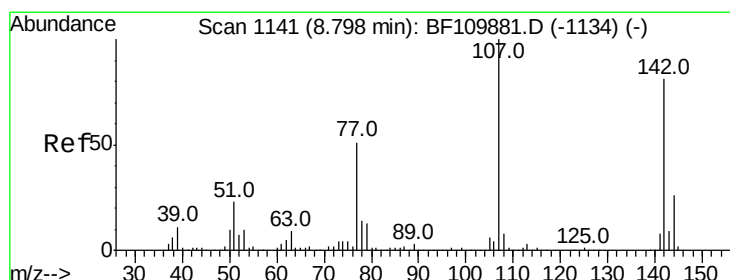
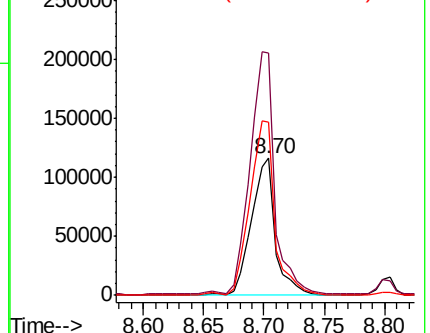
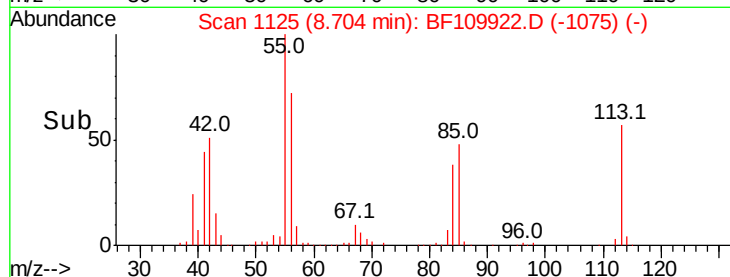
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.502 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

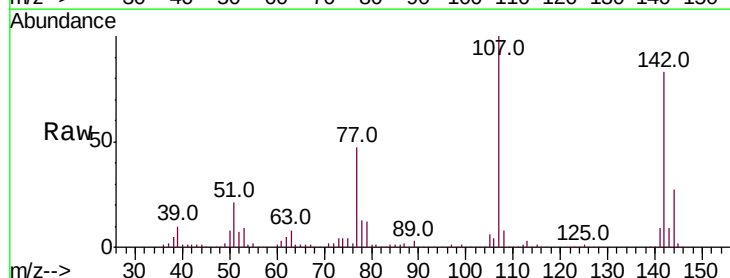
Tgt Ion:107 Resp: 492101

Ion Ratio Lower Upper

107 100

144 27.4 20.0 30.0

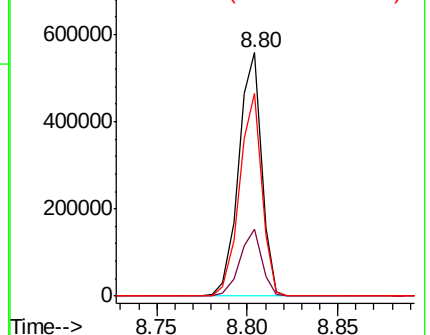
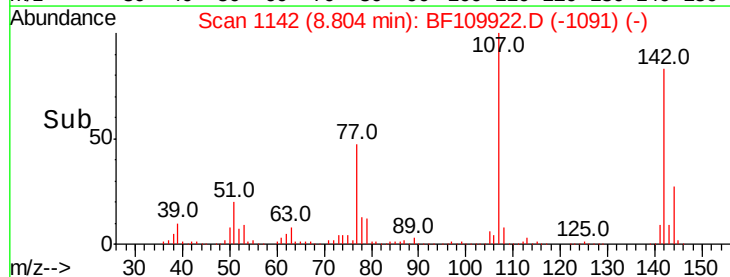
142 83.3 59.7 89.5

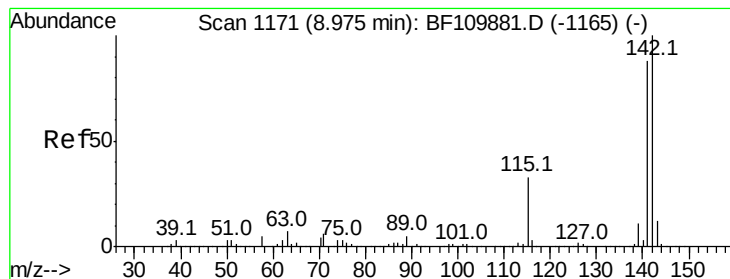


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





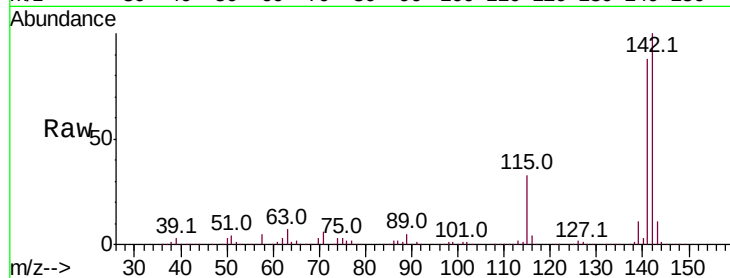
#37
2-Methylnaphthalene
Concen: 39.517 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

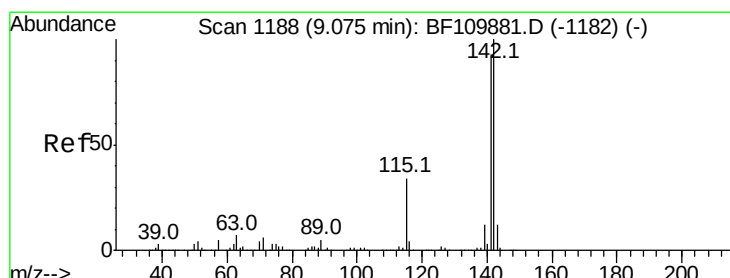
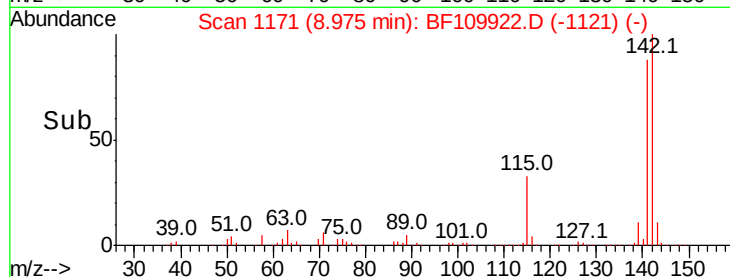
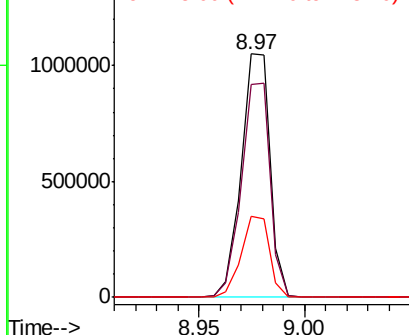
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.2
115	33.4	28.7	43.1

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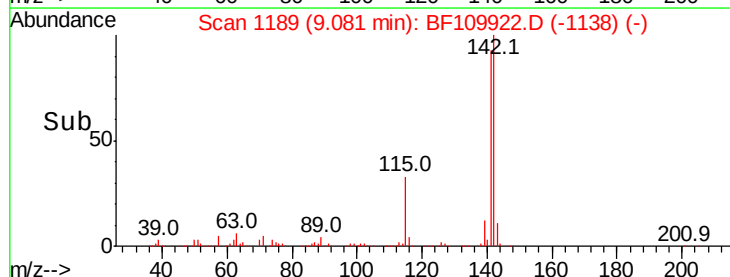
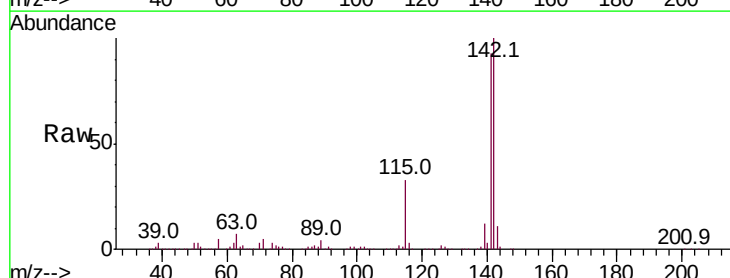
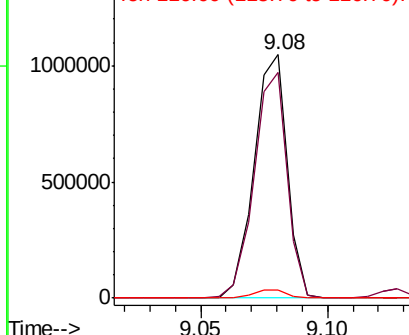
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

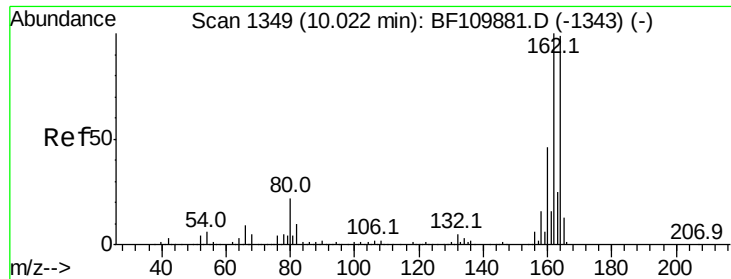


#38
1-Methylnaphthalene
Concen: 39.362 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	3.5	2.6	4.0

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





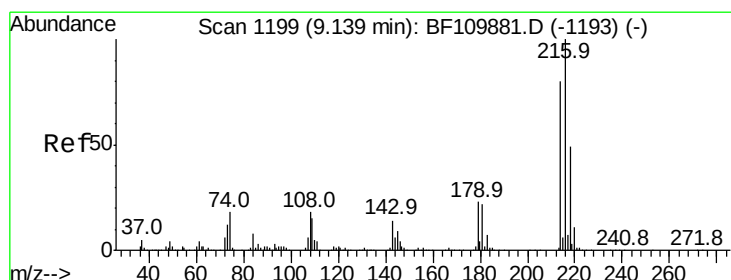
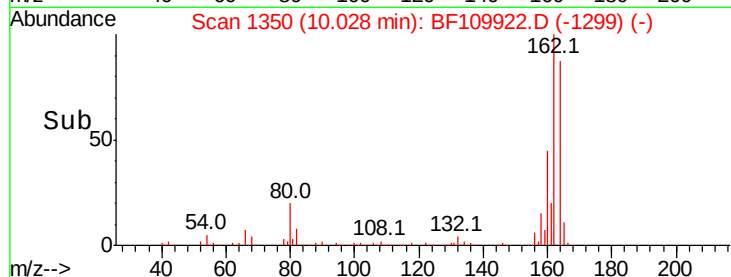
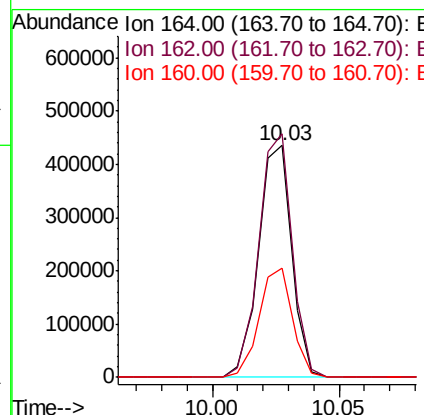
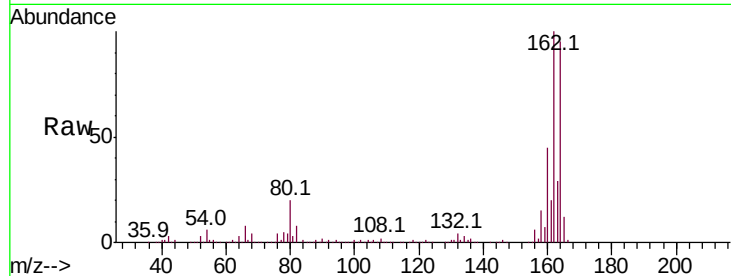
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.6
160	47.2	37.0	55.6

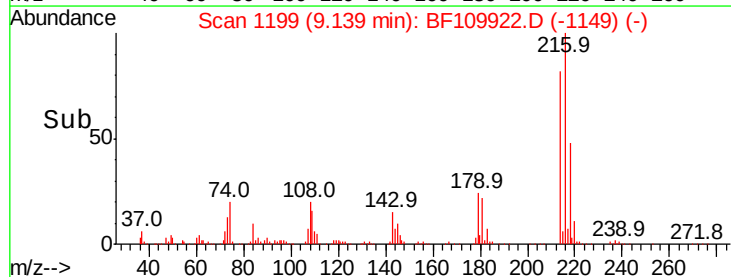
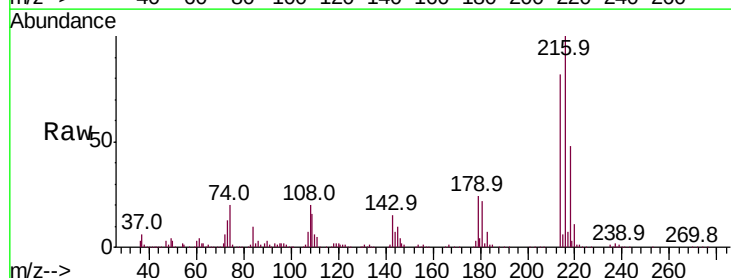
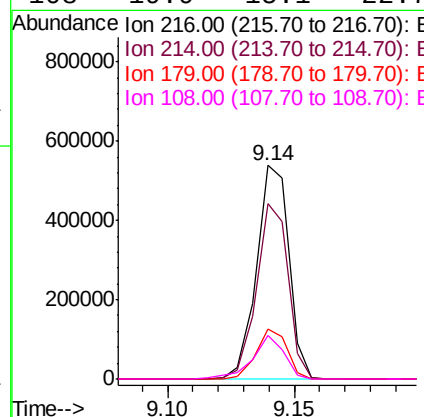
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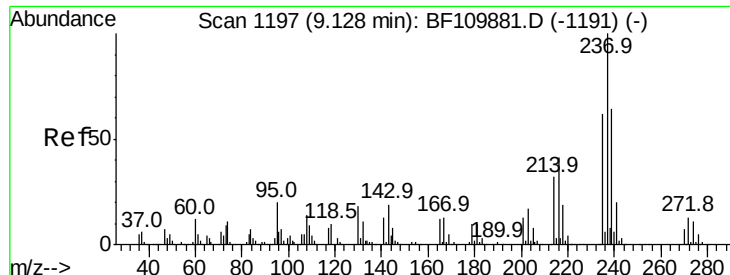
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.969 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.6
179	22.4	16.6	25.0
108	19.9	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 39.738 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

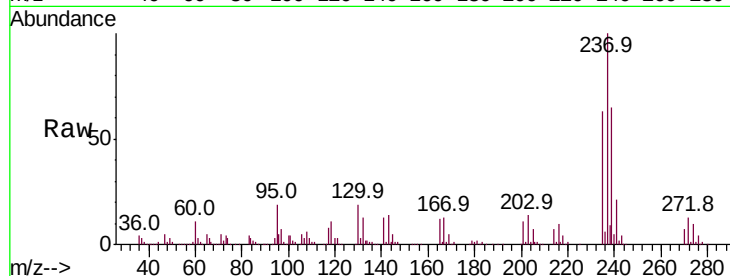
ClientSampleId :

SSTDCCC040EC

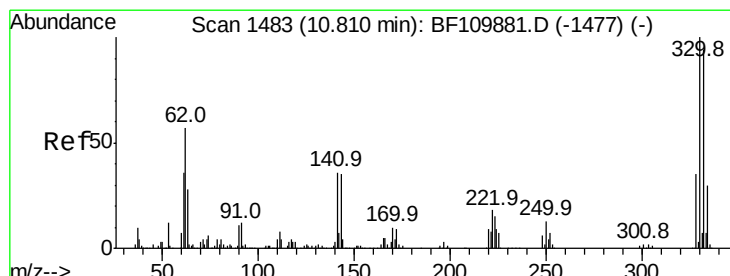
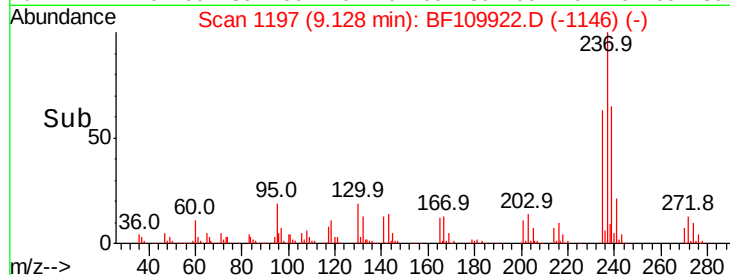
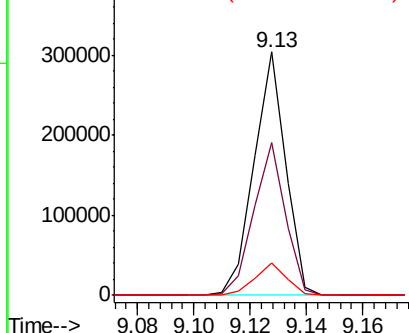
Tot Ion	Ratio	Resp	Lower	Upper
237	100	236327		
235	62.6	43.1	83.1	
272	13.4	0.0	32.6	

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



#42

2,4,6-Tribromophenol

Concen: 85.639 ng

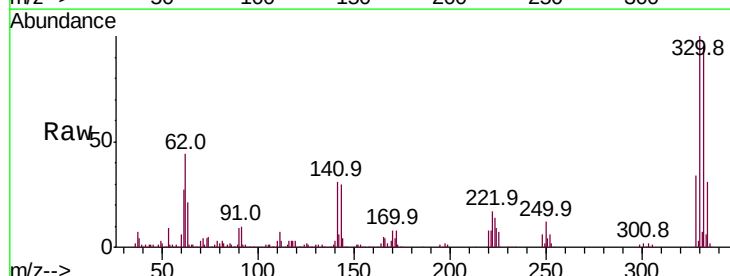
RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

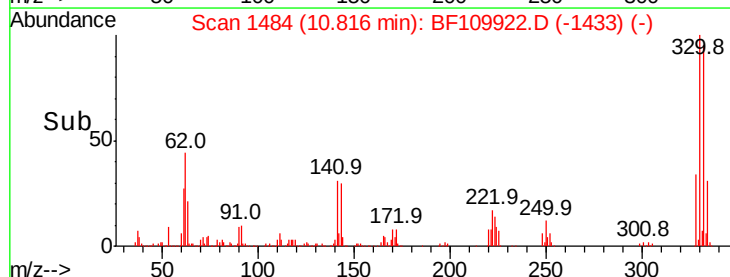
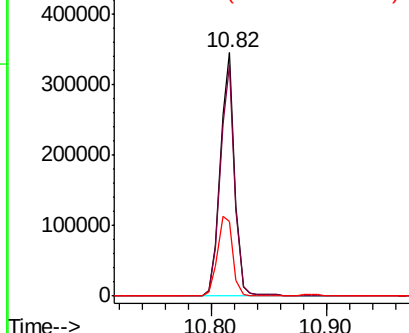
Lab File: BF109922.D

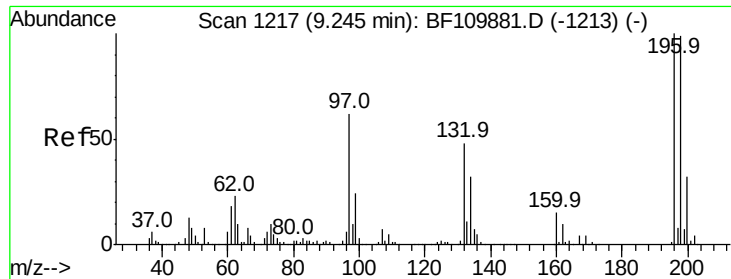
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	296606		
332	95.9	77.1	115.7	
141	35.5	27.0	40.4	



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





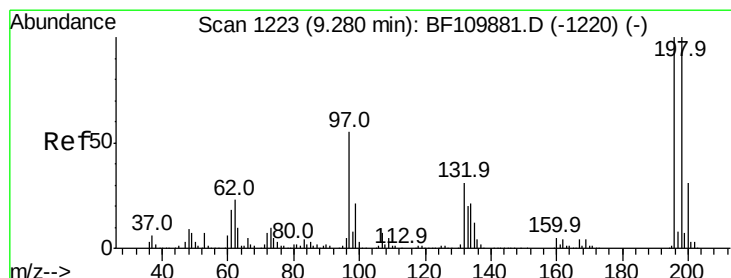
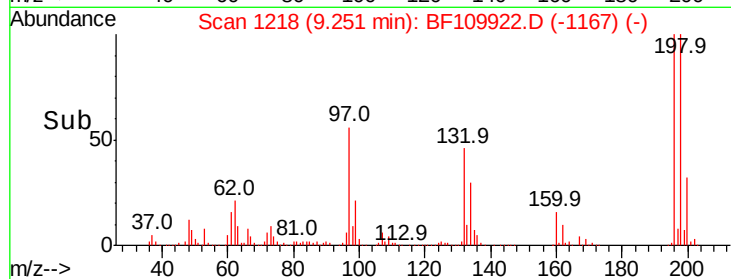
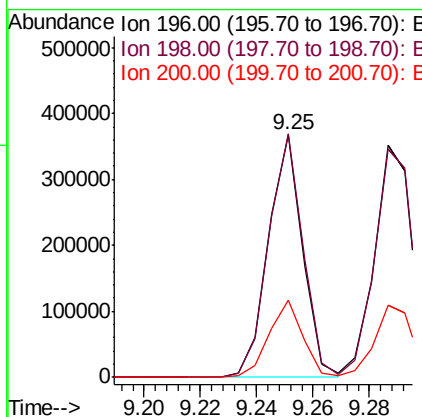
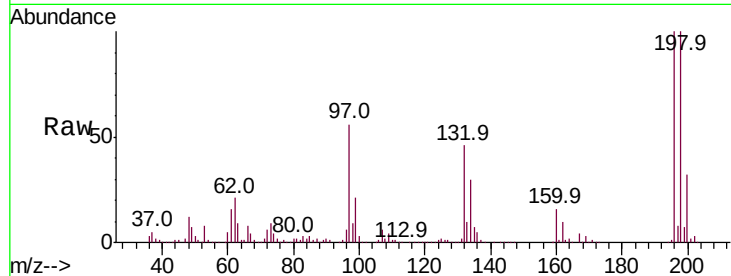
#43
 2,4,6-Trichlorophenol
 Concen: 40.156 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	309384		
198	100.2	76.2	114.4	
200	31.7	24.4	36.6	

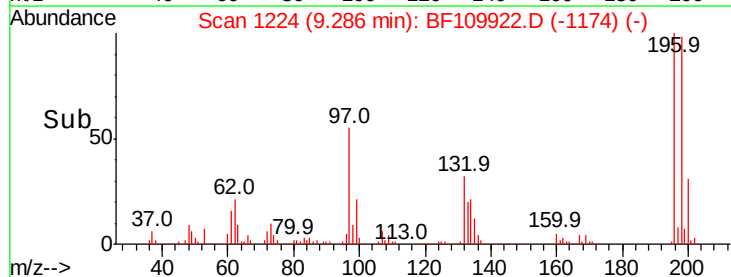
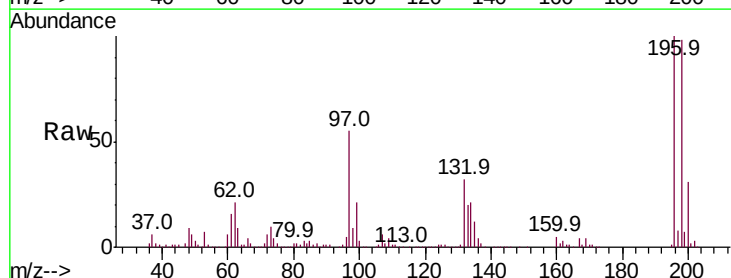
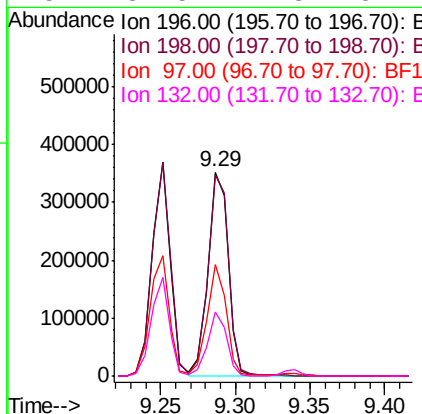
Manual Integrations
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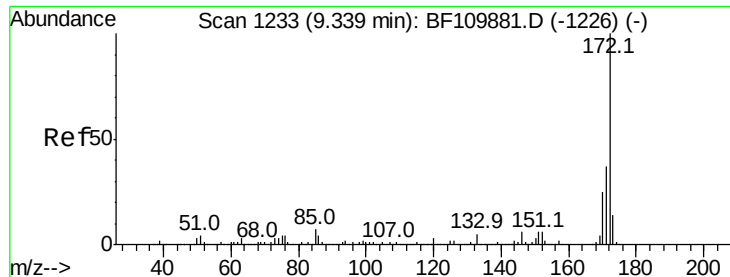
Sohil
 10/18/2018 2:04:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.252 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	329871		
198	98.4	75.8	113.6	
97	54.7	42.4	63.6	
132	31.5	22.8	34.2	





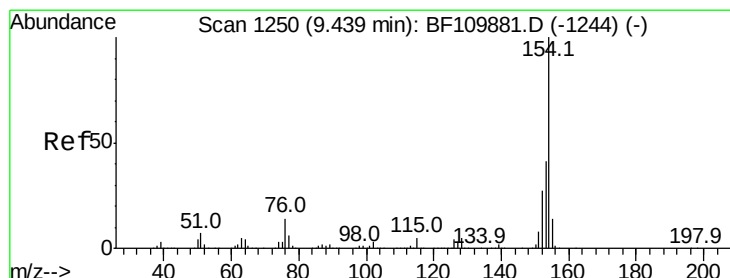
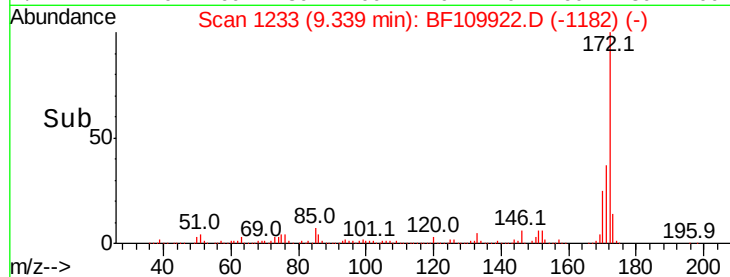
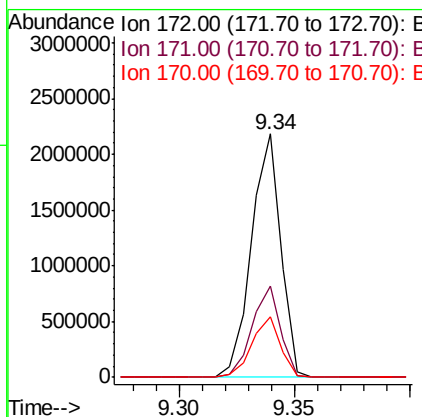
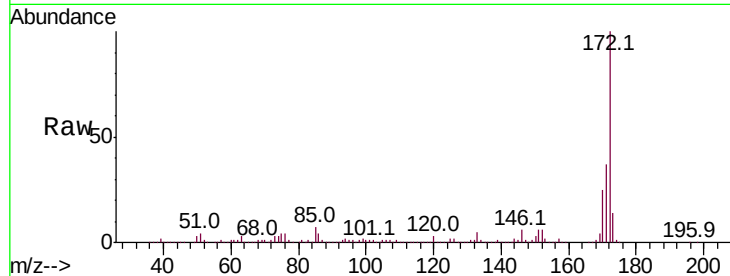
#45
2-Fluorobiphenyl
Concen: 77.308 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	43.0
170	24.8	19.7	29.5

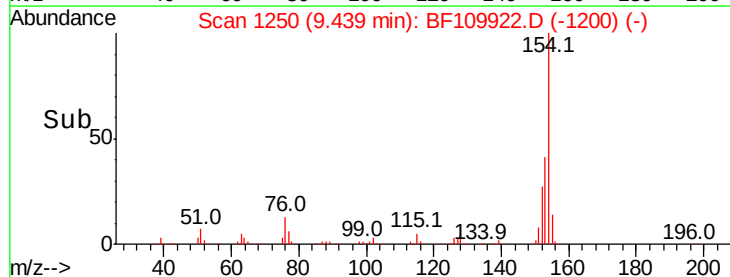
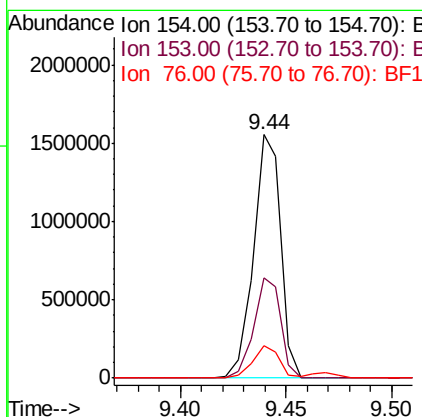
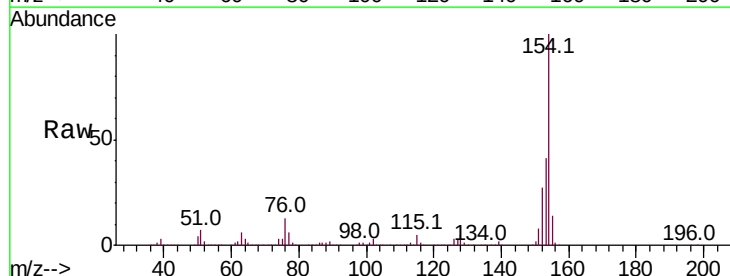
Manual Integrations
APPROVED

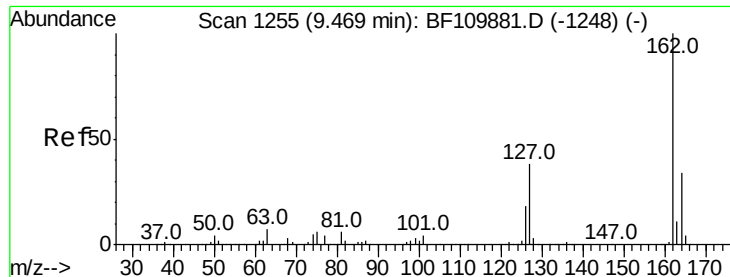
Sohil
10/18/2018 2:04:16 PM



#46
1,1'-Biphenyl
Concen: 38.958 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	13.3	0.0	31.9





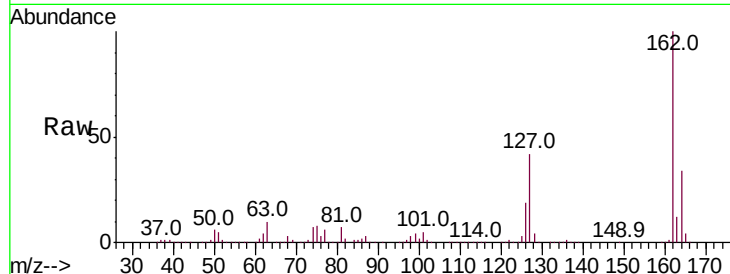
#47
2-Chloronaphthalene
Concen: 38.802 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

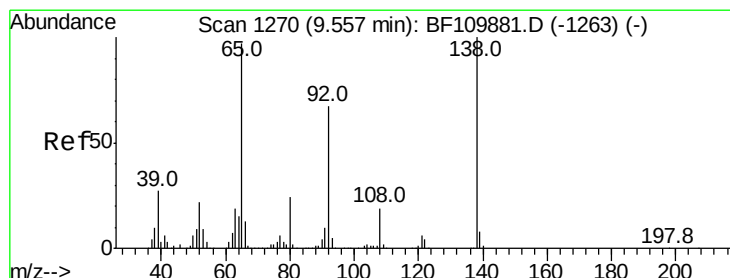
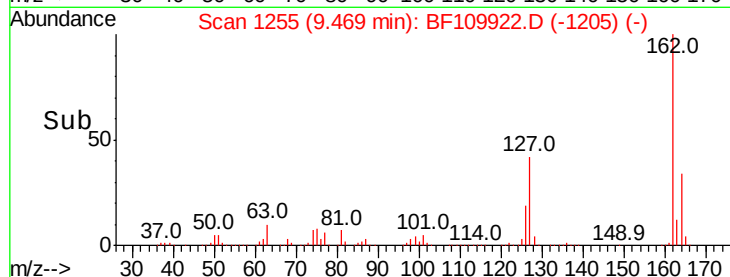
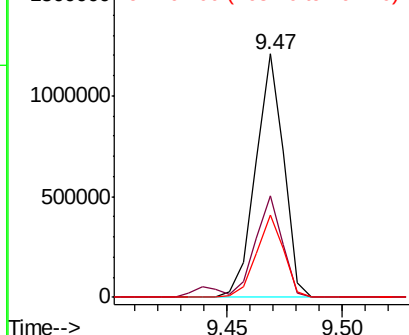
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.6	48.8
164	33.6	25.9	38.9

Manual Integrations
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10/18/2018 2:04:16 PM



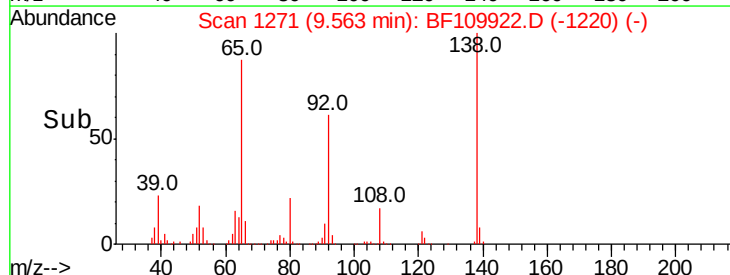
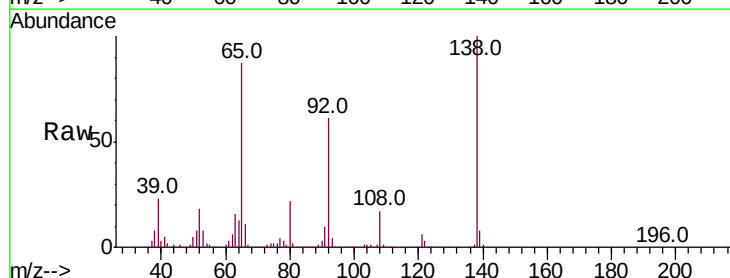
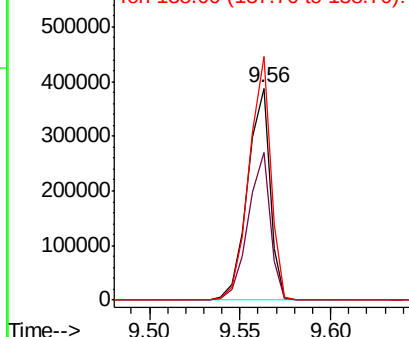
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

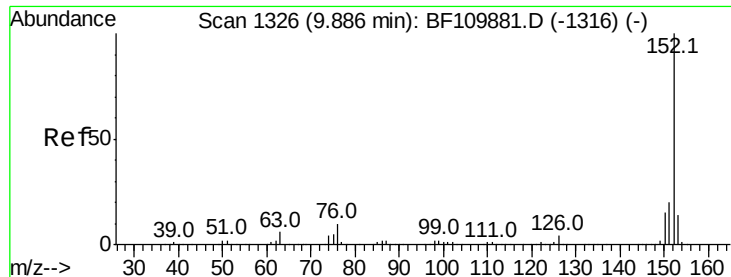


#48
2-Nitroaniline
Concen: 49.398 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.6	81.8
138	114.8	80.3	120.5

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.451 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1504643

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

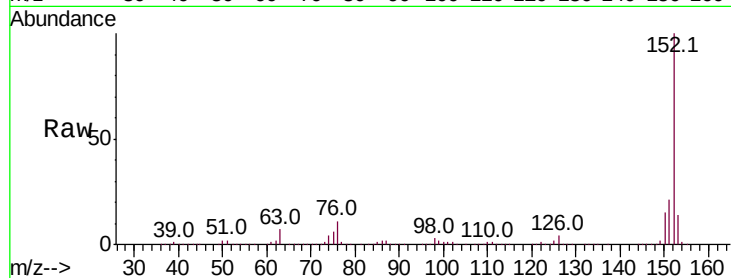
153 14.5 10.4 15.6

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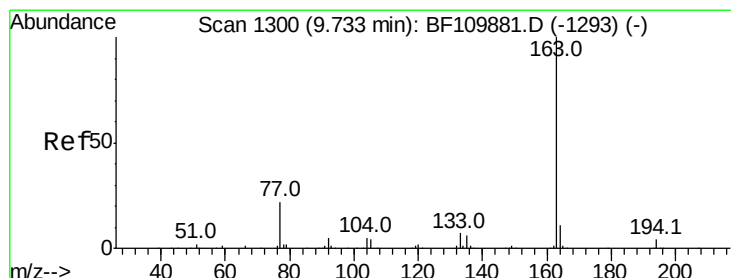
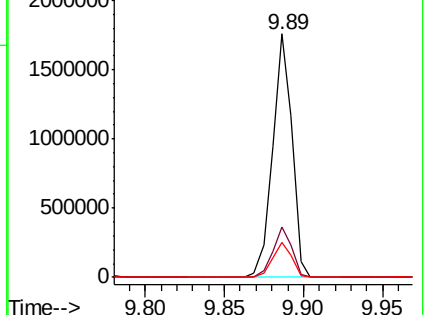
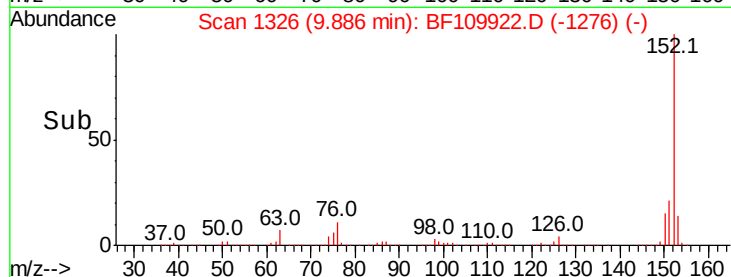
10/18/2018 2:04:16 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.324 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

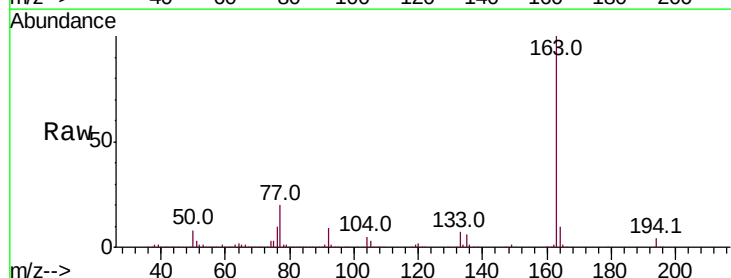
Tgt Ion:163 Resp: 1113913

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

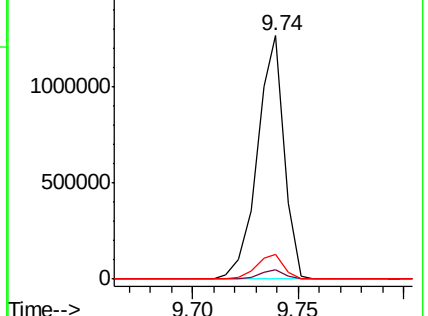
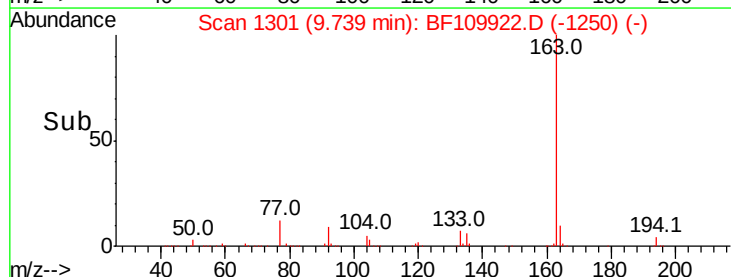
164 10.3 8.1 12.1

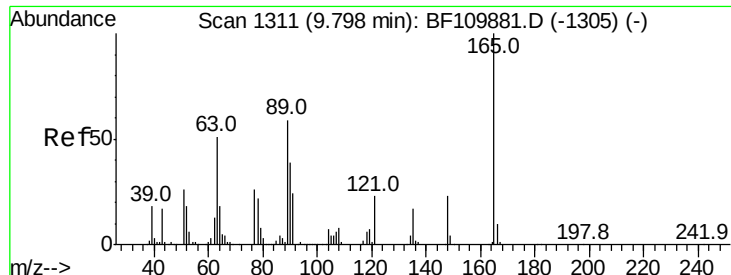


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





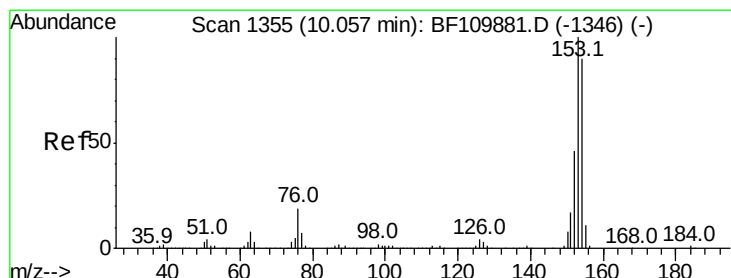
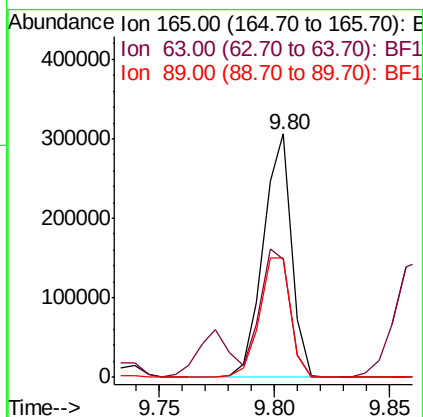
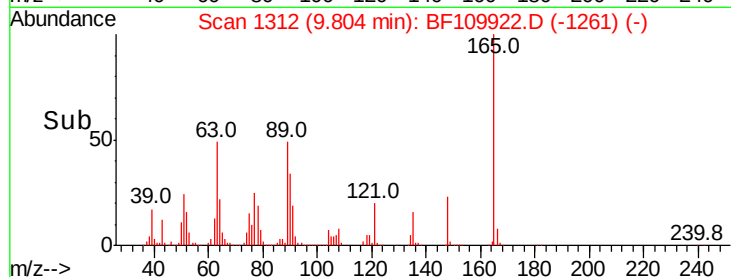
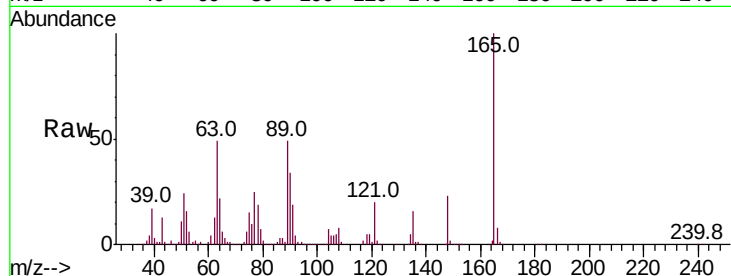
#51
2,6-Dinitrotoluene
Concen: 48.691 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	261965		
63	48.6		48.9	73.3#
89	48.9		46.6	69.8

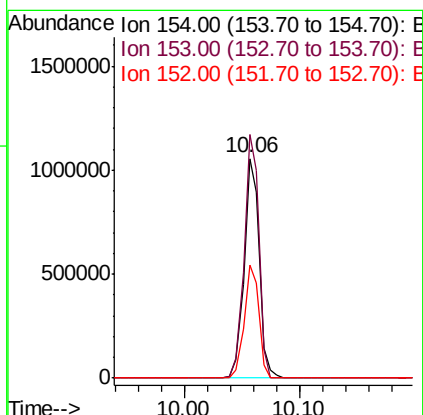
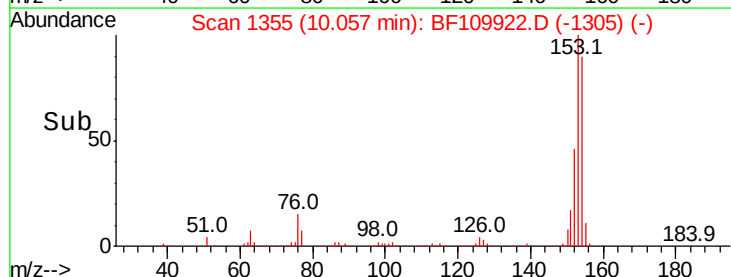
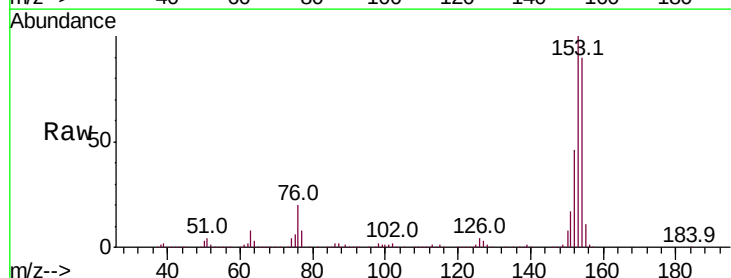
Manual Integrations
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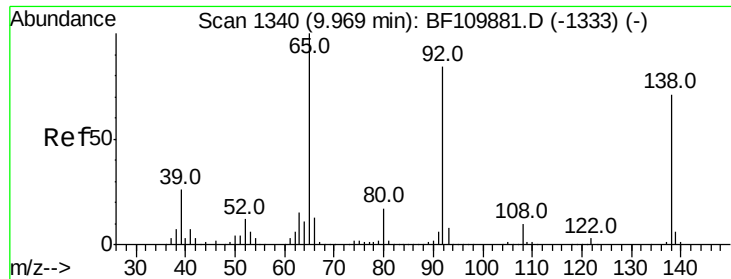
Sohil
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#52
Acenaphthene
Concen: 39.289 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	954006		
153	110.8		90.1	135.1
152	51.3		43.4	65.2





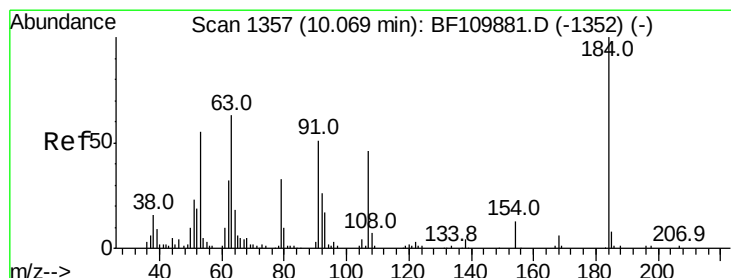
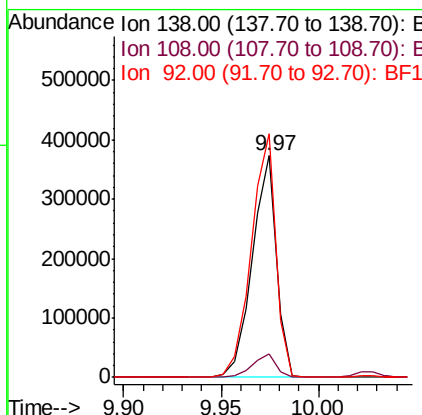
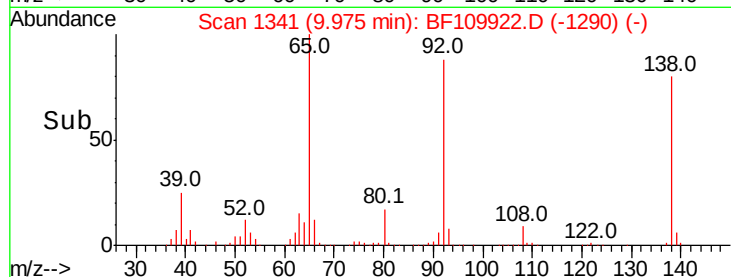
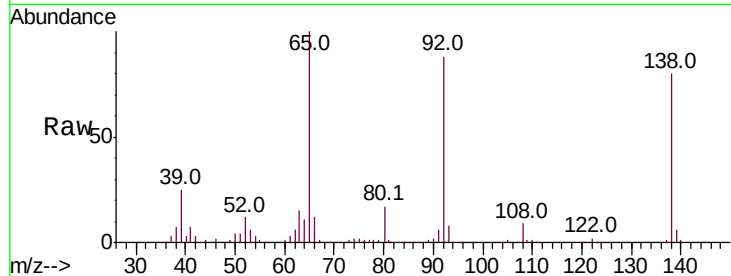
#53
3-Nitroaniline
Concen: 48.851 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	110.0	97.0	145.4

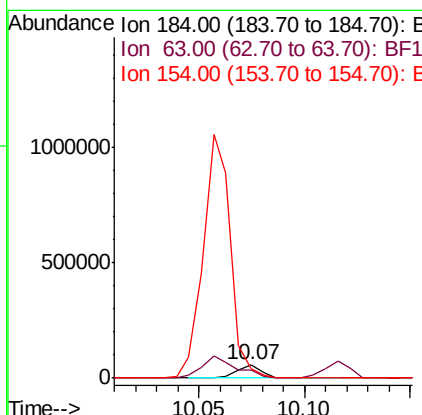
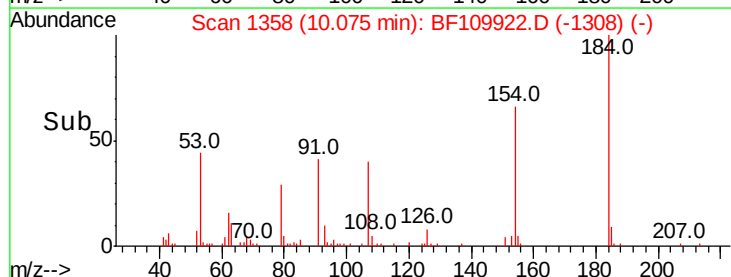
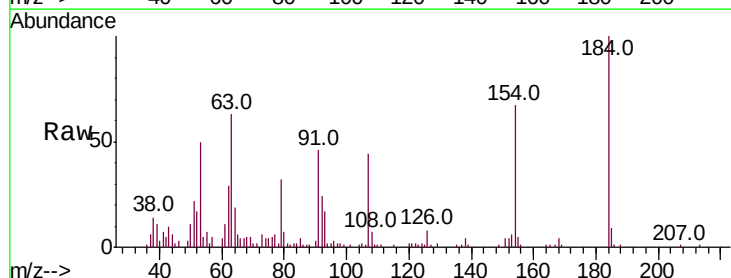
Manual Integrations
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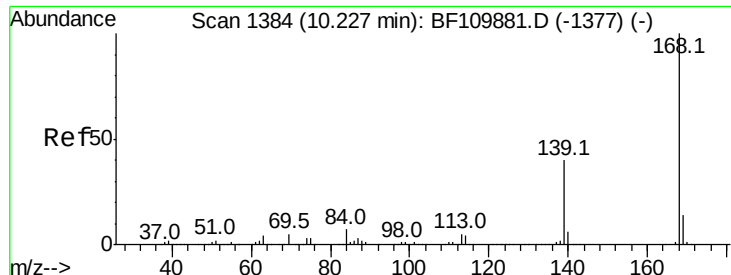
Sohil
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#54
2,4-Dinitrophenol
Concen: 31.846 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	55.8	83.6
154	66.5	63.2	94.8





#55

Dibenzenofuran

Concen: 39.639 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:168 Resp: 1372669

Ion Ratio Lower Upper

168 100

139 40.1 33.0 49.6

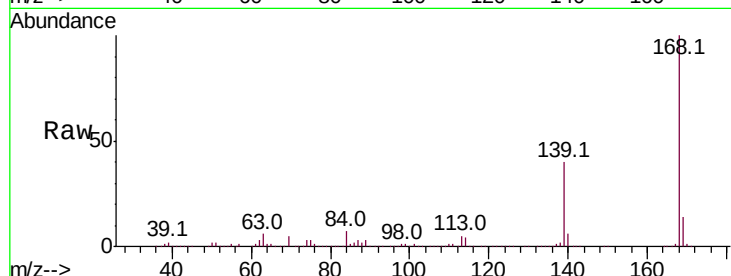
169 14.0 11.3 16.9

Manual Integrations

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Sohil

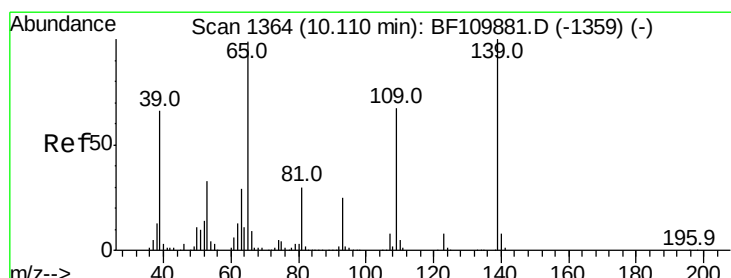
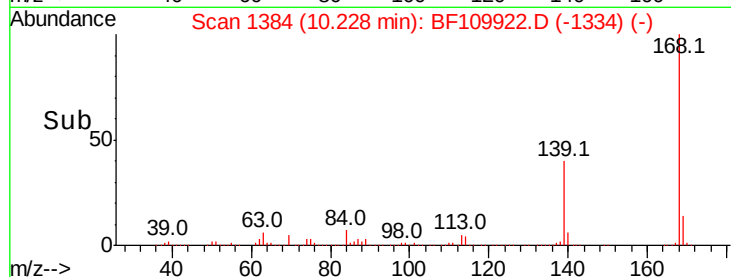
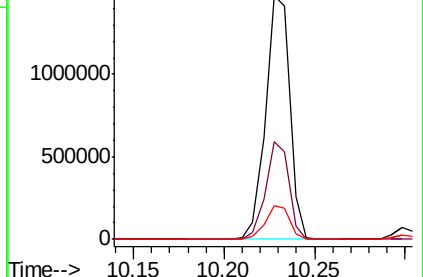
10/18/2018 2:04:16 PM



Abundance Ion 168.00 (167.70 to 168.70): E

2000000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 45.300 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

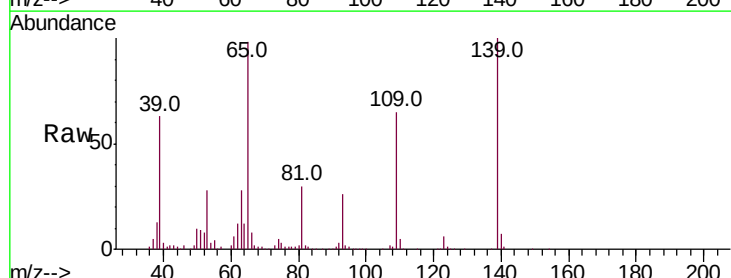
Tgt Ion:139 Resp: 226215

Ion Ratio Lower Upper

139 100

109 64.5 55.8 95.8

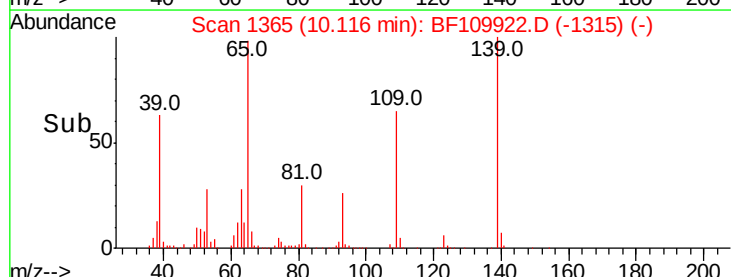
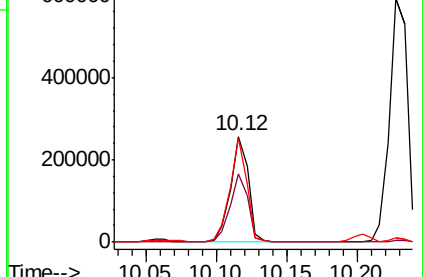
65 97.8 77.9 117.9

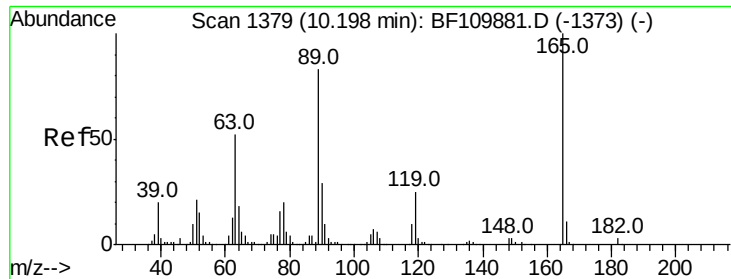


Abundance Ion 139.00 (138.70 to 139.70): E

800000 Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 49.654 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 338643

Ion Ratio Lower Upper

165 100

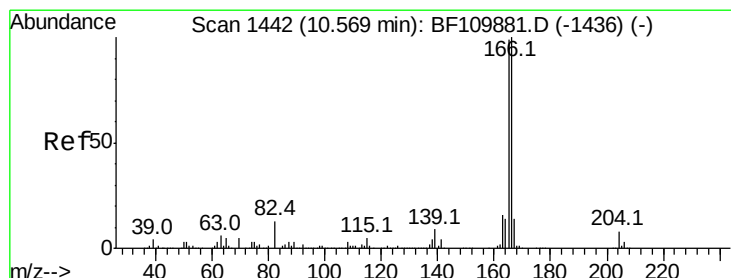
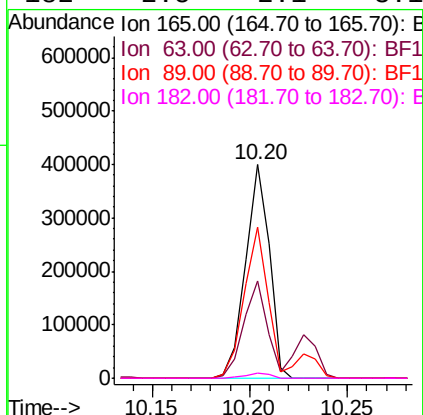
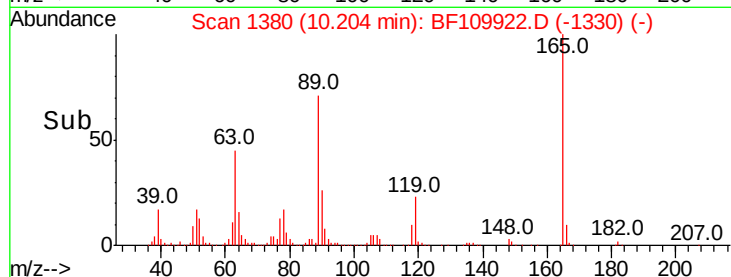
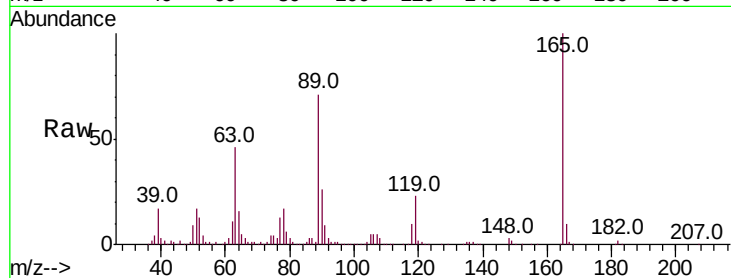
63 45.5 44.8 67.2

89 70.9 62.2 93.4

182 2.5 2.1 3.1

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#58

Fluorene

Concen: 40.040 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

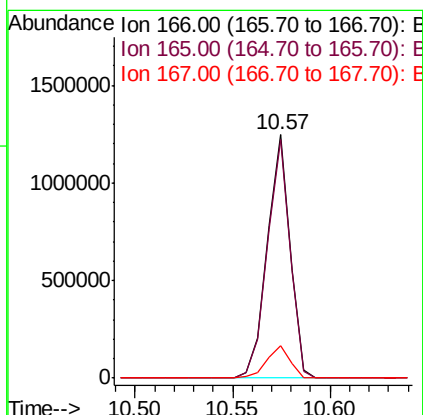
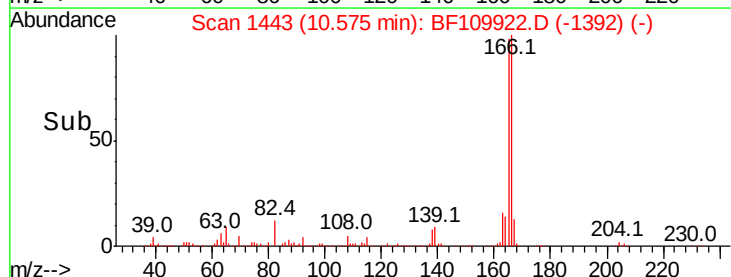
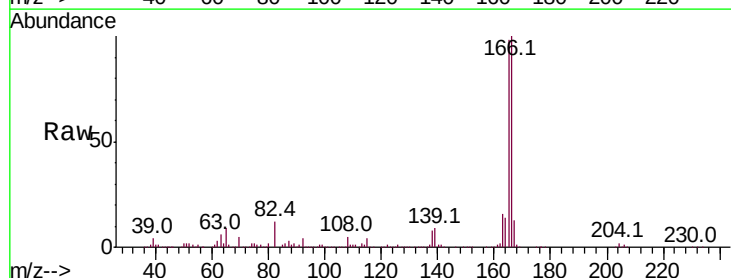
Tgt Ion:166 Resp: 1009334

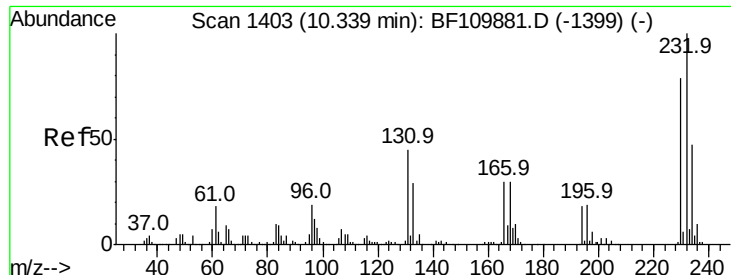
Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

167 13.3 10.8 16.2





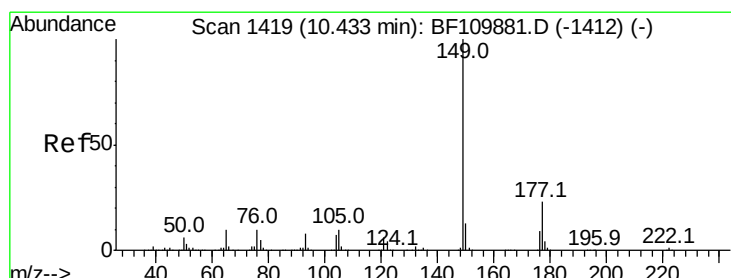
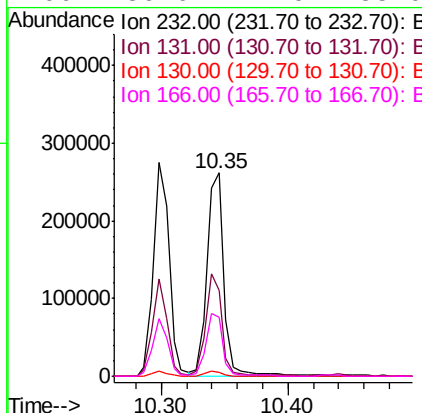
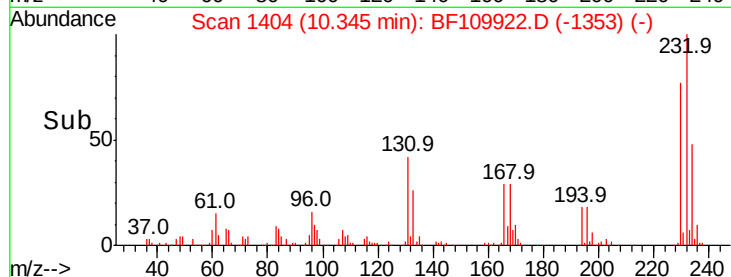
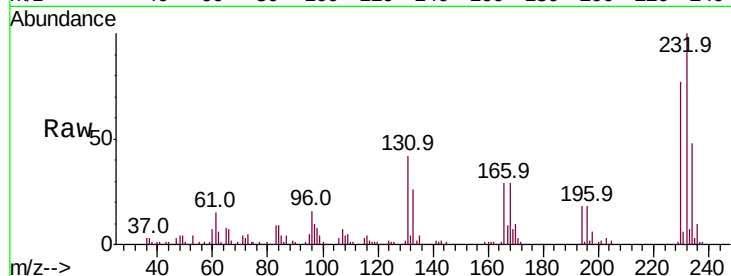
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.601 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	232	Resp:	244631
Ion Ratio	Lower	Upper	
232	100		
131	48.7	37.0	55.4
130	2.2	1.8	2.6
166	30.6	22.0	33.0

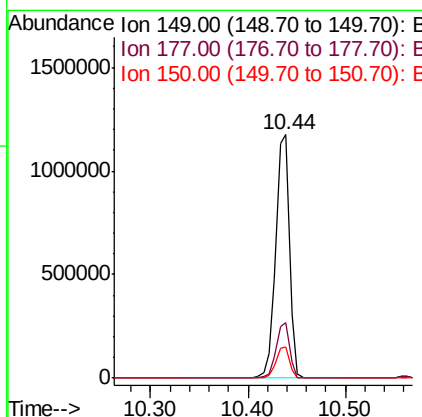
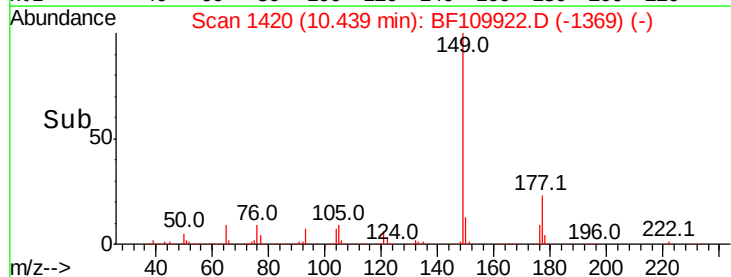
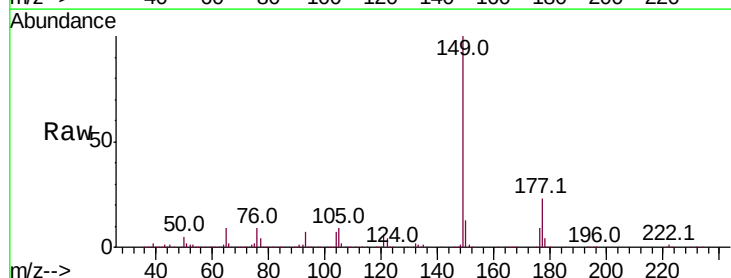
Manual Integrations
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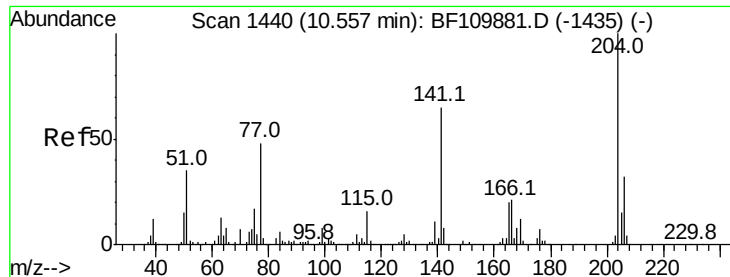
Sohil
10/18/2018 2:04:16 PM



#60
Diethylphthalate
Concen: 41.444 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion:	149	Resp:	1159489
Ion Ratio	Lower	Upper	
149	100		
177	23.0	17.4	26.2
150	12.5	9.8	14.8





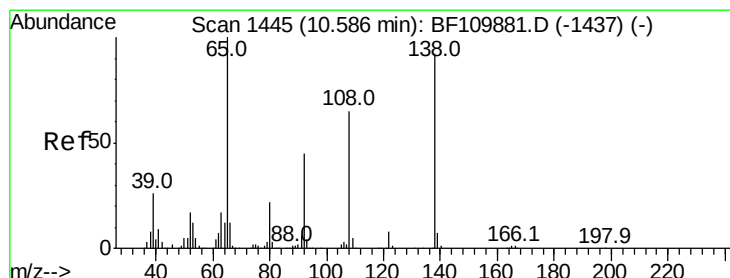
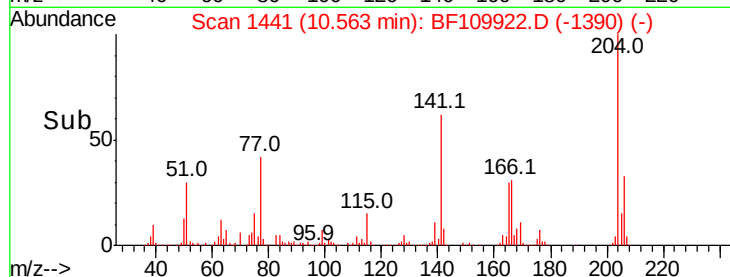
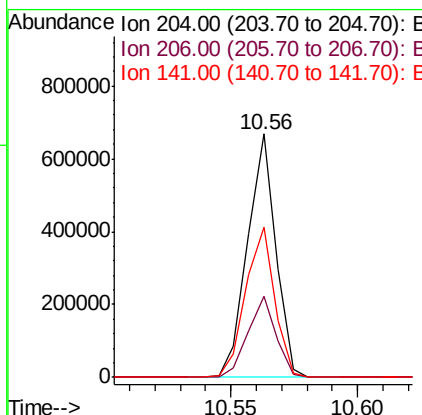
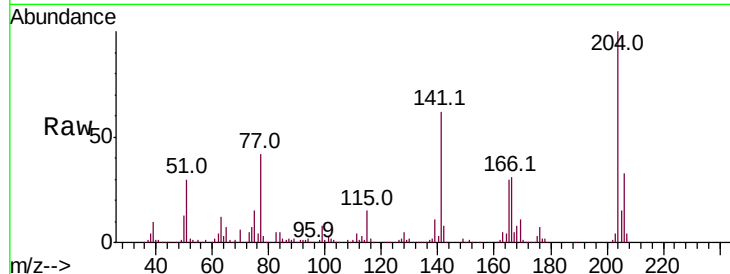
#61
4-Chlorophenyl-phenylether
Concen: 39.622 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.8	51.8	77.8

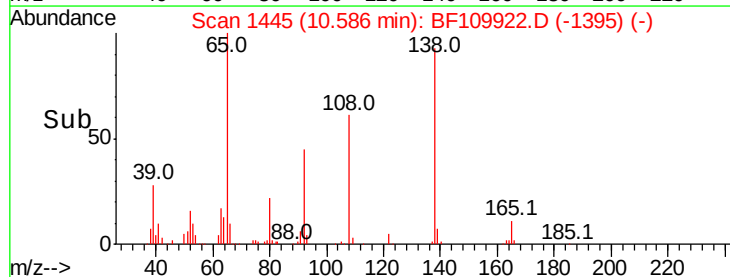
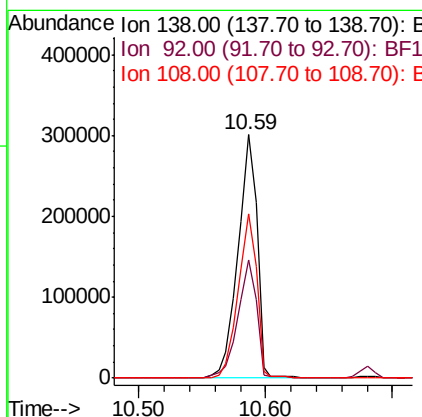
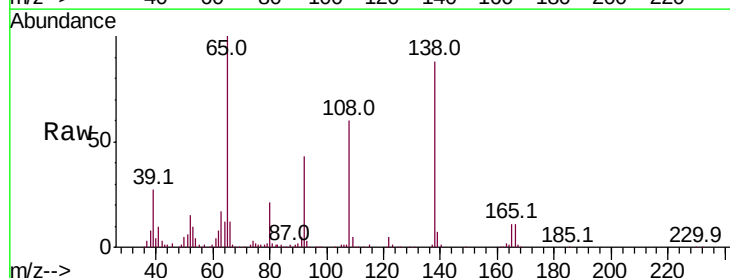
Manual Integrations
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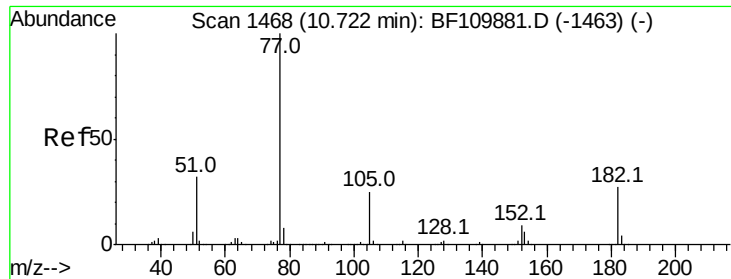
Sohil
10/18/2018 2:04:16 PM



#62
4-Nitroaniline
Concen: 50.242 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	31.7	71.7
108	67.5	59.3	99.3





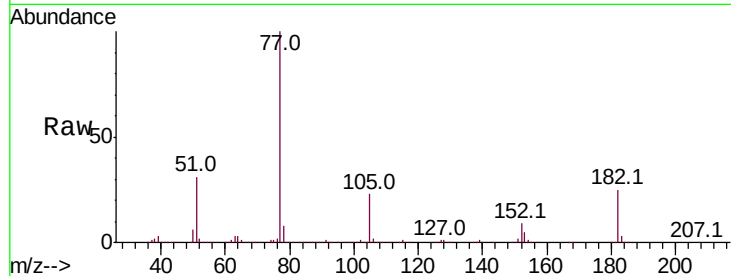
#63
Azobenzene
Concen: 38.069 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.3	44.3
105	23.0	1.3	41.3
51	30.9	9.0	49.0

Manual Integrations
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Sohil
10/18/2018 2:04:16 PM



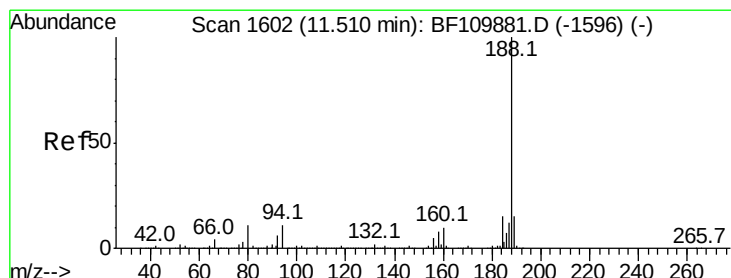
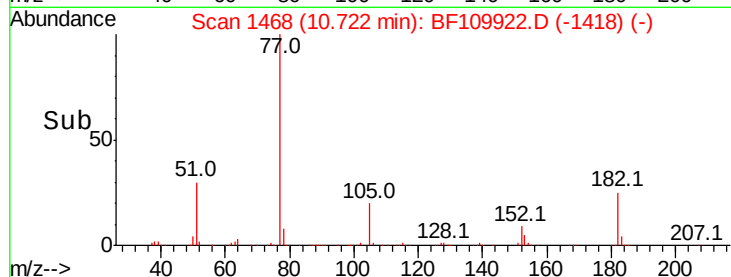
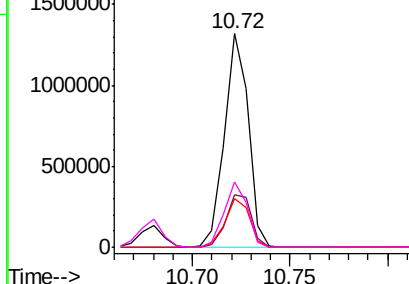
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

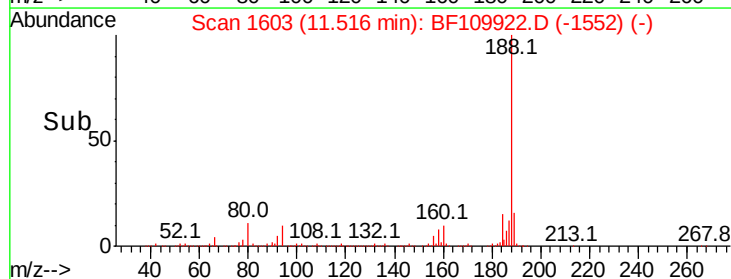
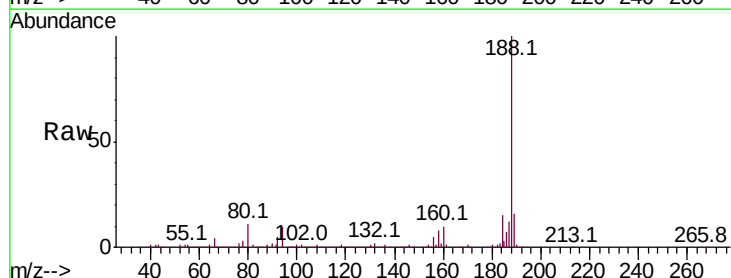
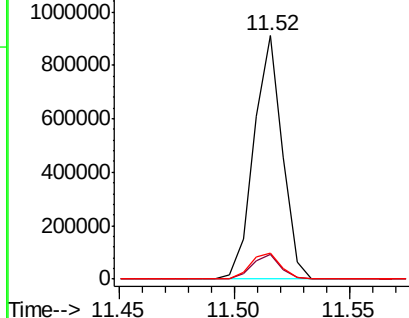
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	10.6	7.9	11.9

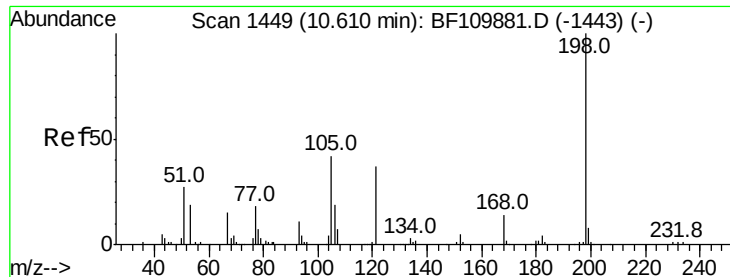
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





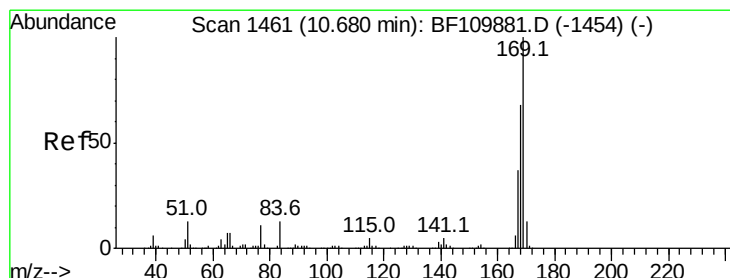
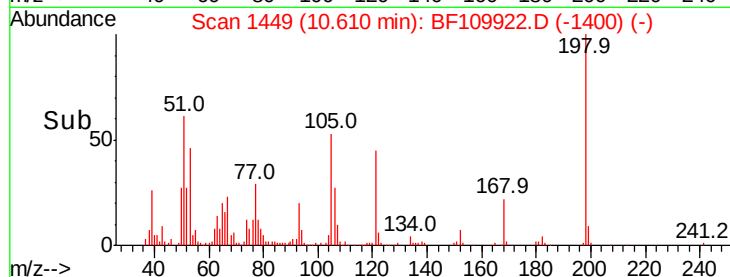
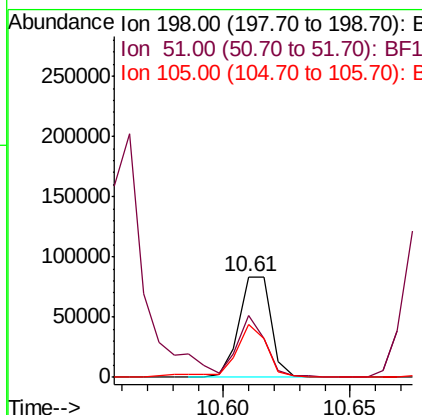
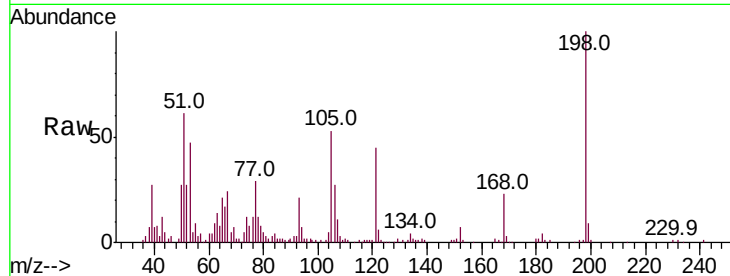
#65
4,6-Dinitro-2-methylphenol
Concen: 29.698 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	61.3	22.8	62.8
105	53.2	23.6	63.6

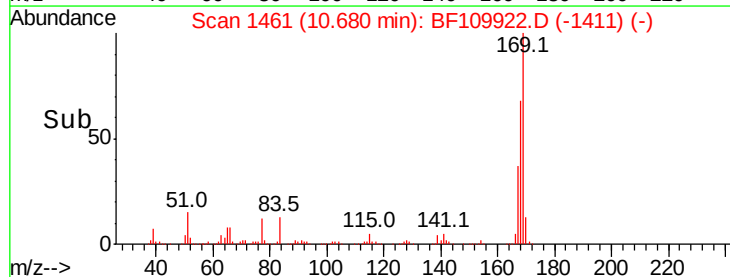
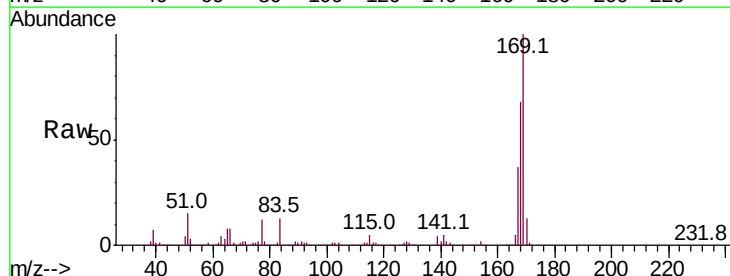
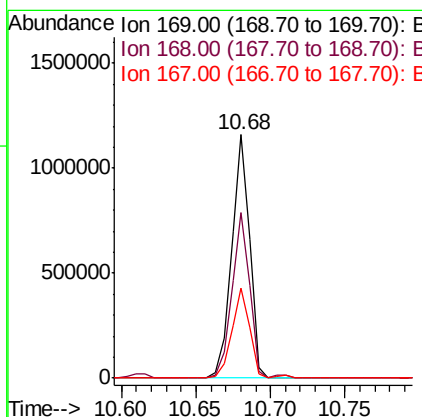
Manual Integrations
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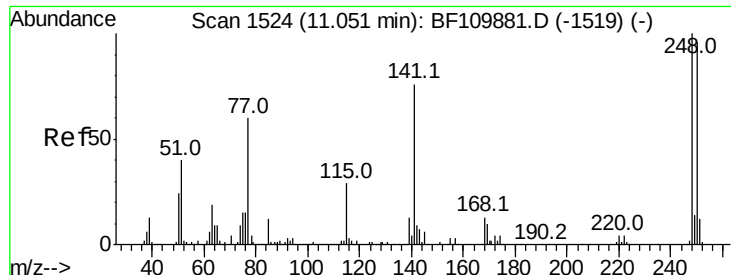
Sohil
10/18/2018 2:04:16 PM



#66
n-Nitrosodiphenylamine
Concen: 37.897 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	51.2	76.8
167	36.9	27.8	41.6





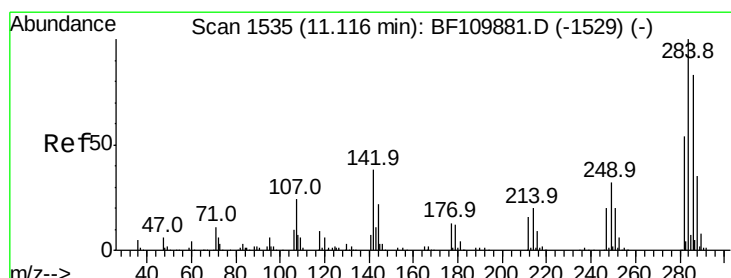
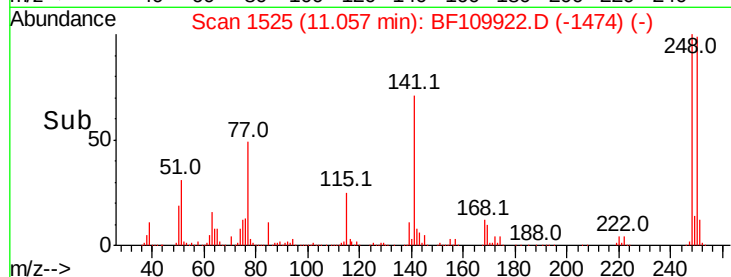
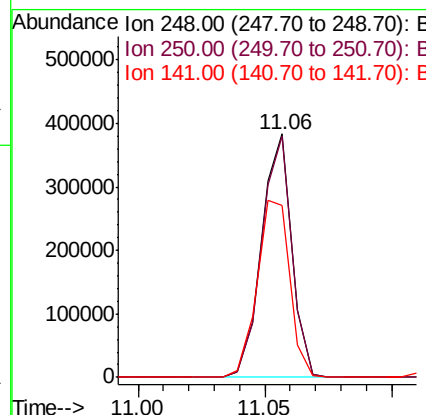
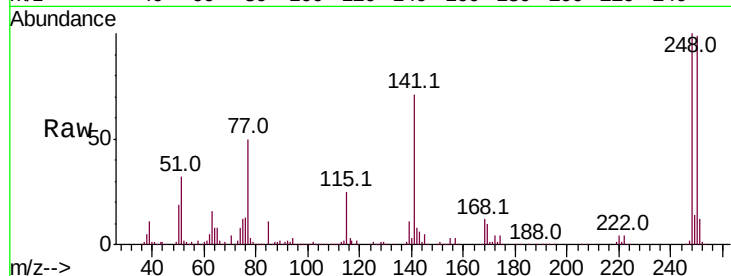
#67
 4-Bromophenyl-phenylether
 Concen: 37.506 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.4	119.2
141	70.8	55.9	83.9

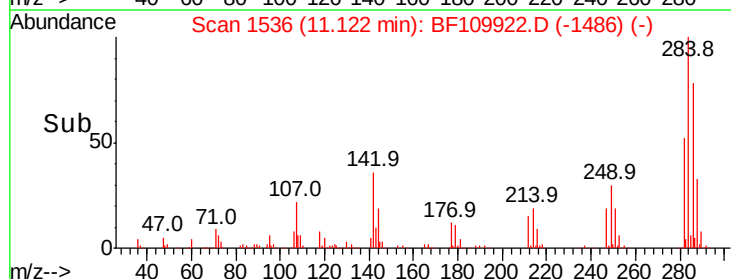
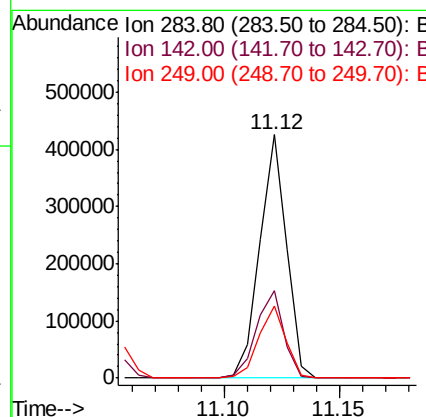
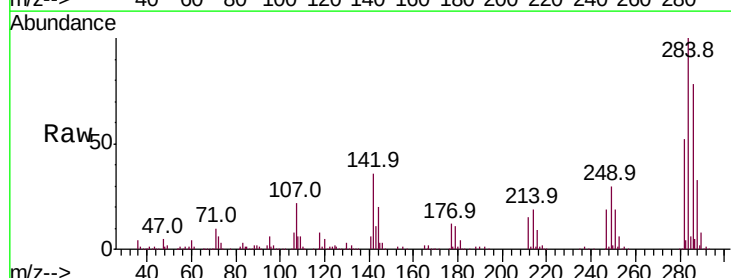
Manual Integrations
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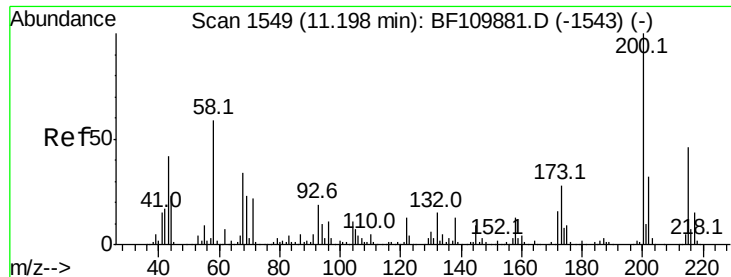
Sohil
 10/18/2018 2:04:16 PM



#68
 Hexachlorobenzene
 Concen: 38.320 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	23.9	35.9
249	29.6	24.2	36.2





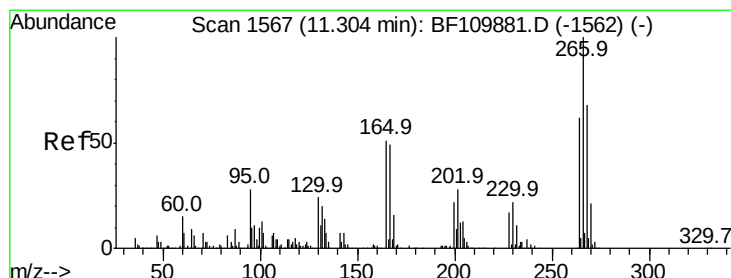
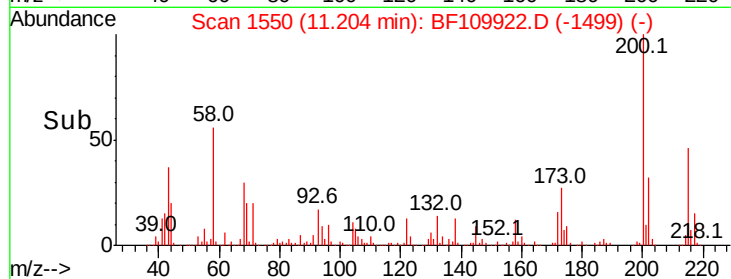
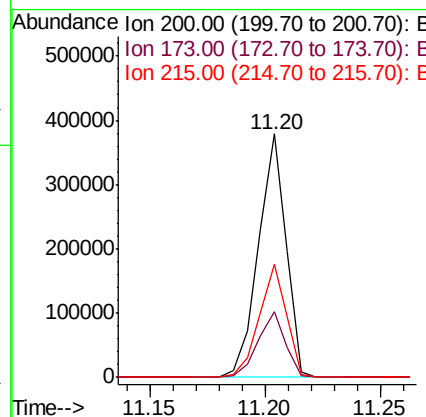
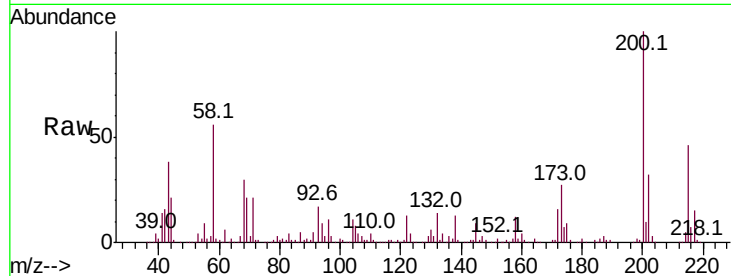
#69
Atrazine
Concen: 38.959 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.2	6.6	46.6	
215	46.2	26.3	66.3	

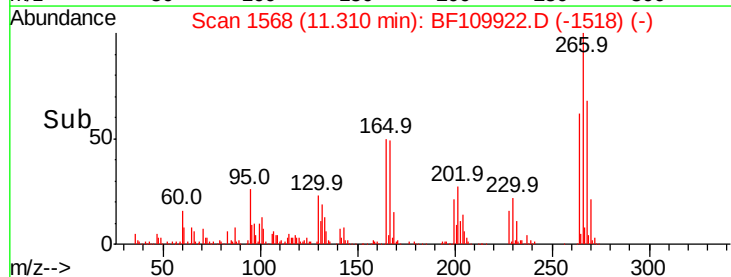
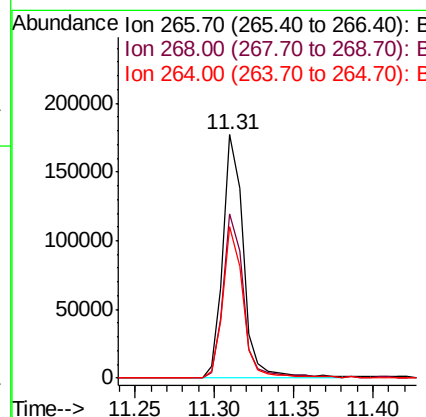
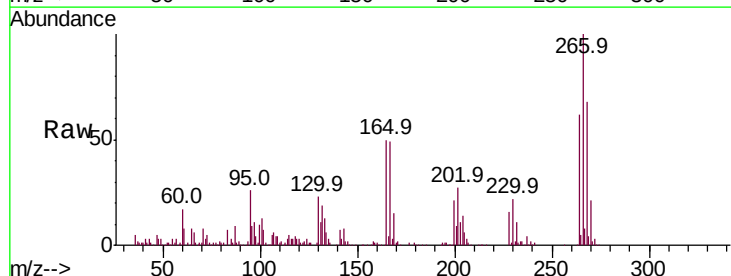
Manual Integrations
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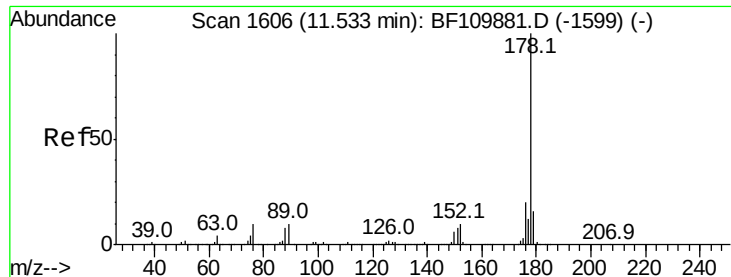
Sohil
10/18/2018 2:04:16 PM



#70
Pentachlorophenol
Concen: 31.200 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.6	50.6	75.8	
264	62.4	50.6	75.8	





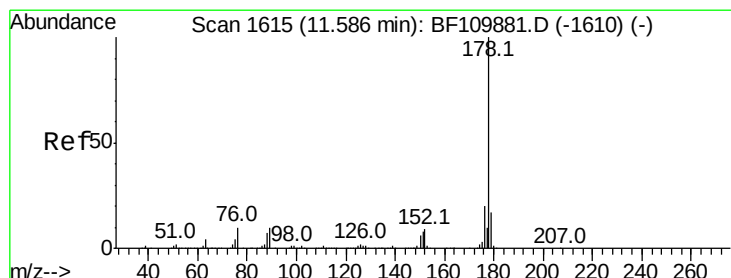
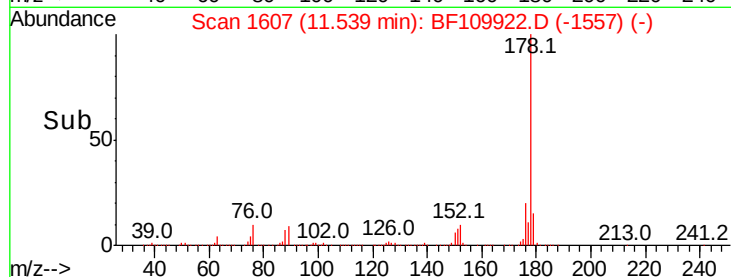
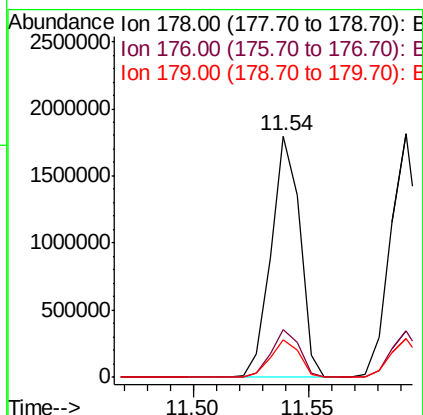
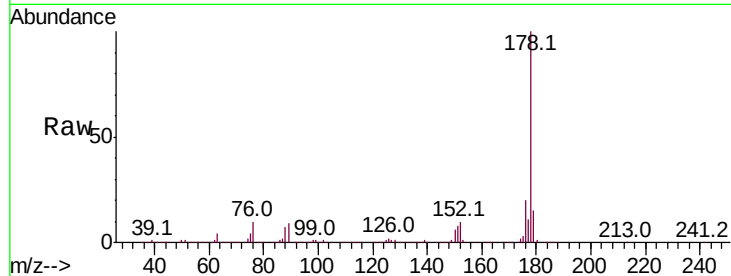
#71
Phenanthrene
Concen: 38.427 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	15.5	12.5	18.7

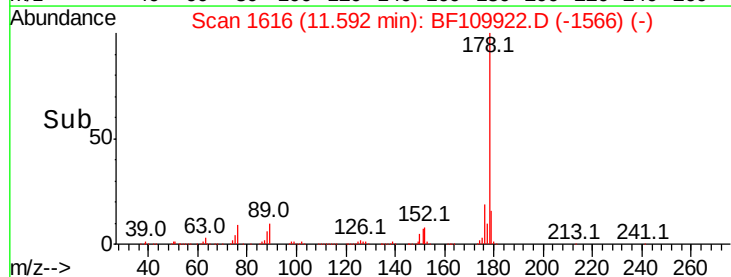
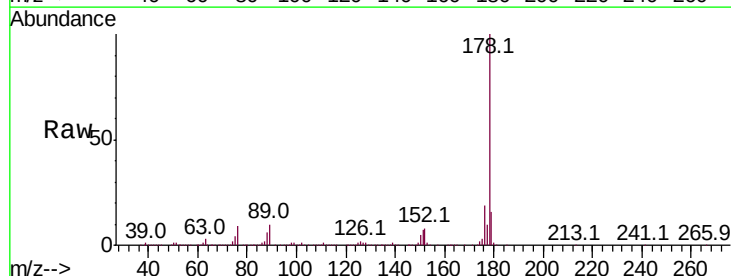
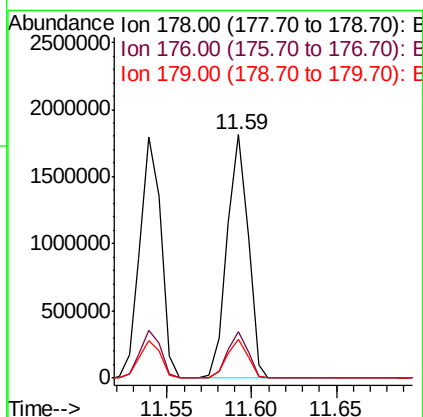
Manual Integrations
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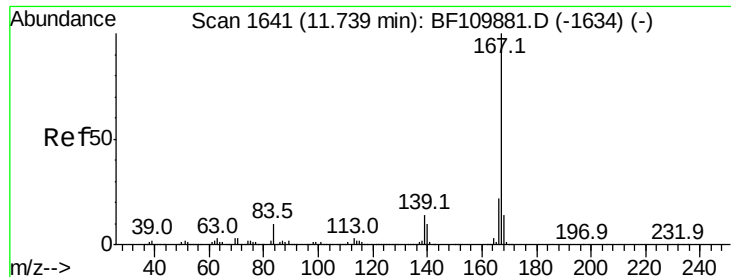
Sohil
10/18/2018 2:04:16 PM



#72
Anthracene
Concen: 38.634 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	18.8





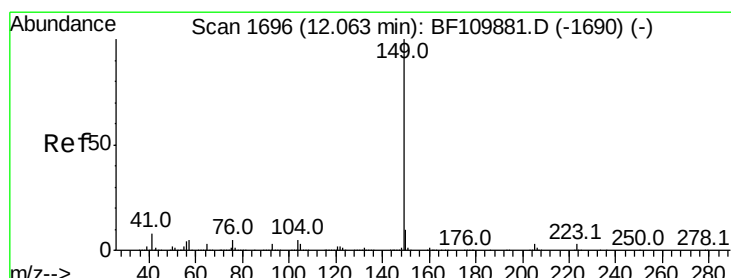
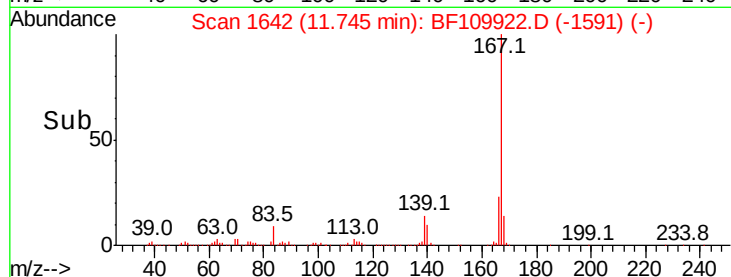
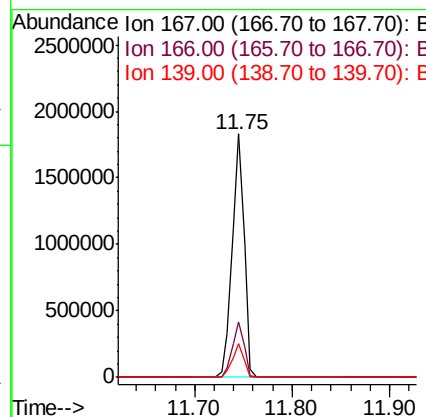
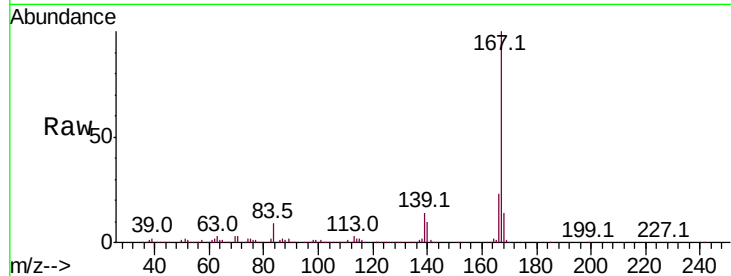
#73
 Carbazole
 Concen: 39.098 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.0
139	13.6	10.9	16.3

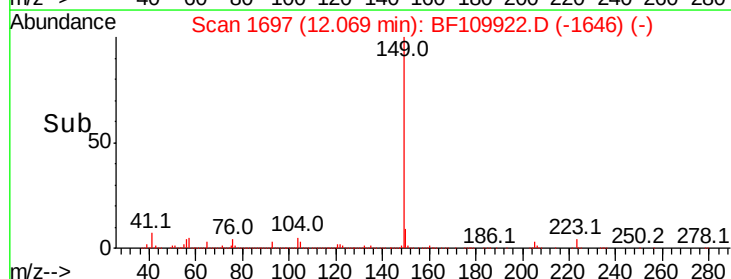
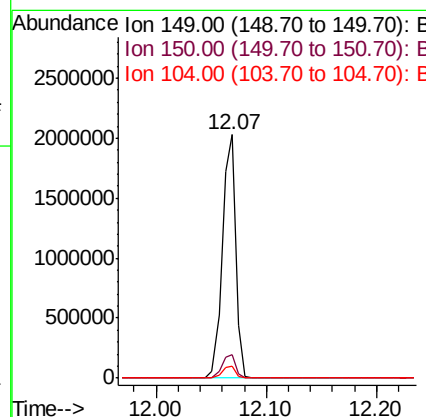
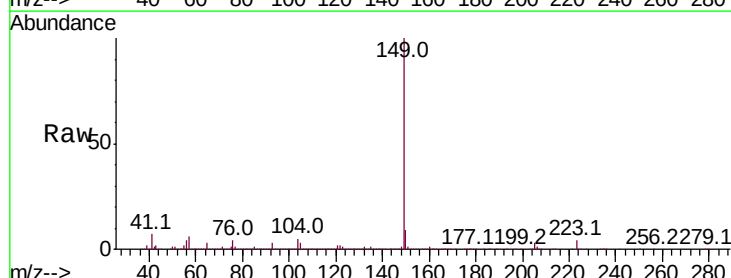
Manual Integrations
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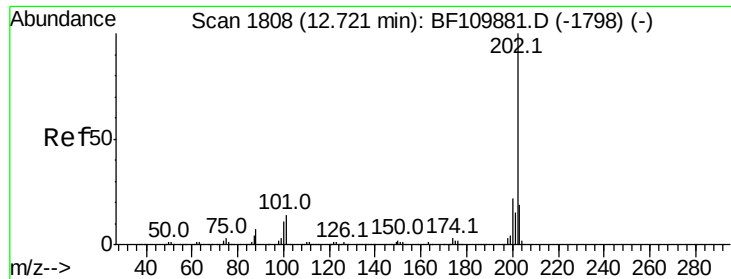
Sohil
 10/18/2018 2:04:16 PM



#74
 Di-n-butylphthalate
 Concen: 37.940 ng
 RT: 12.07 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.7	4.2	6.4





#75

Fluoranthene

Concen: 38.671 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1560709

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

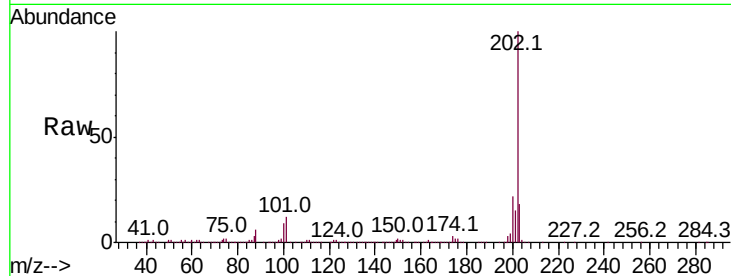
203 17.9 0.0 37.7

Manual Integrations

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Sohil

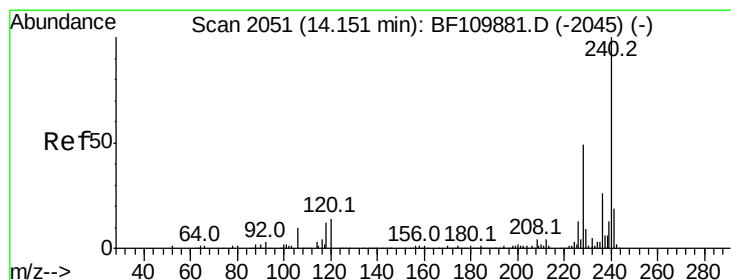
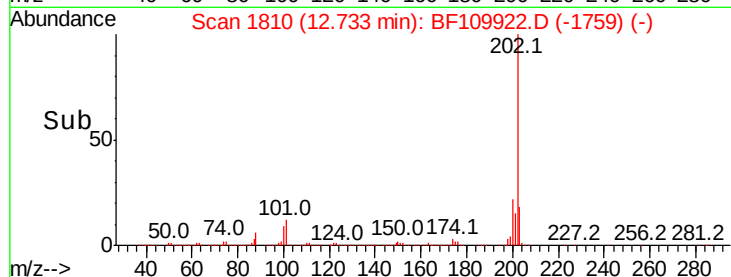
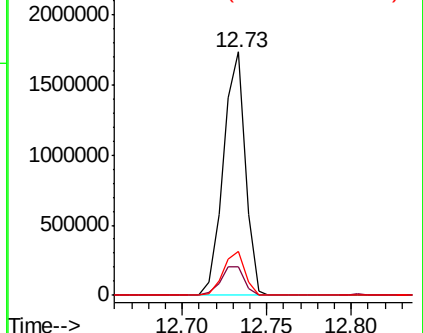
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

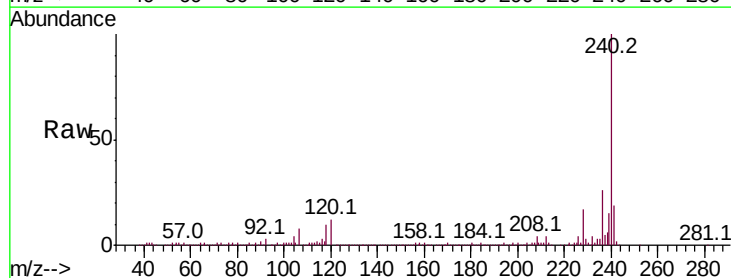
Tgt Ion:240 Resp: 517588

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

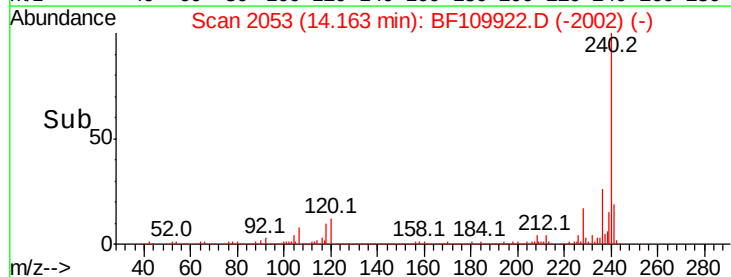
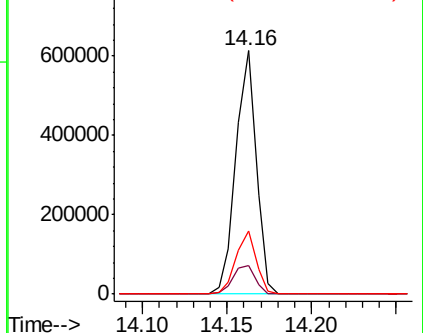
236 25.9 21.2 31.8

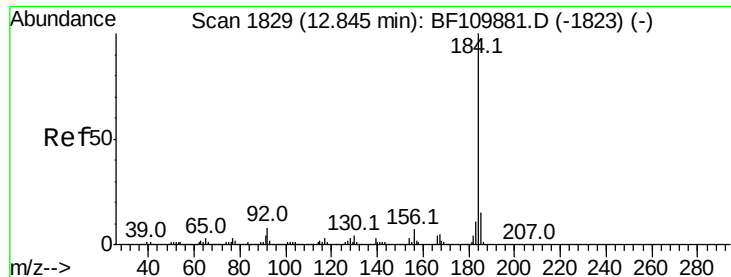


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.218 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 659209

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

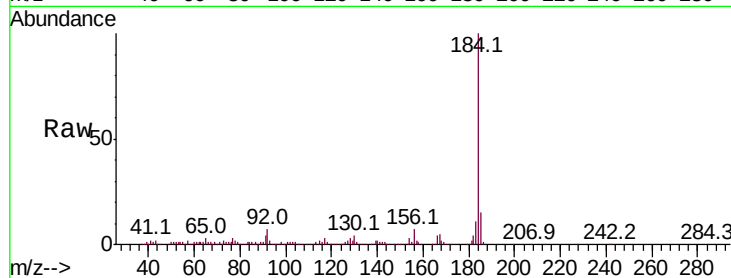
183 11.5 9.4 14.2

Manual Integrations

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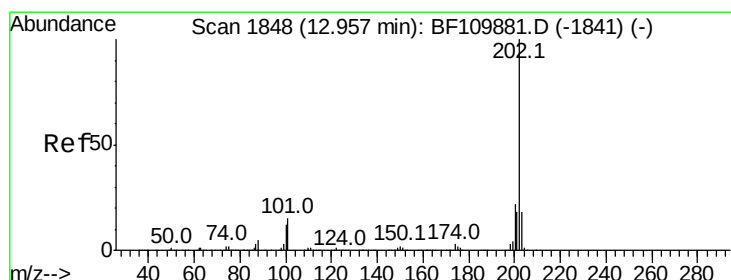
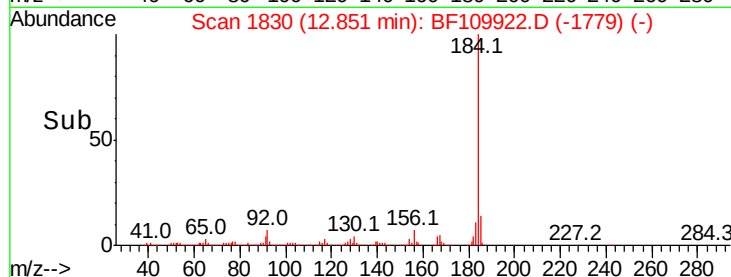
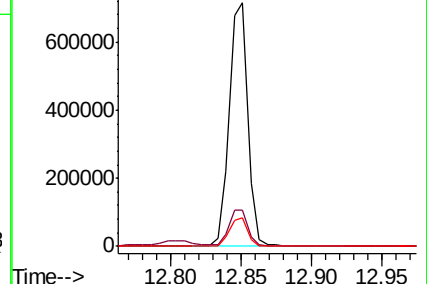
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.537 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

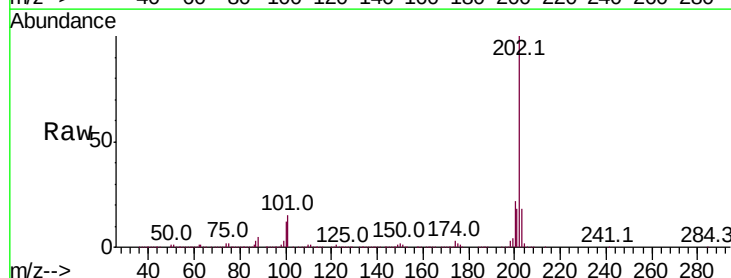
Tgt Ion:202 Resp: 1617057

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

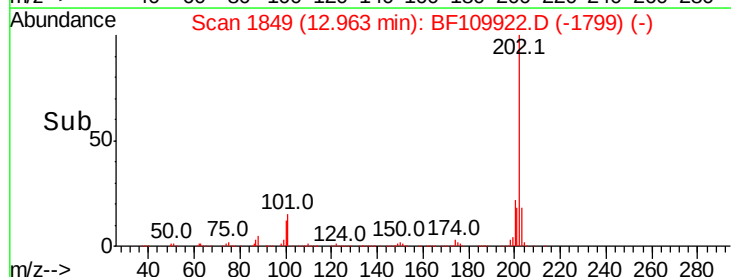
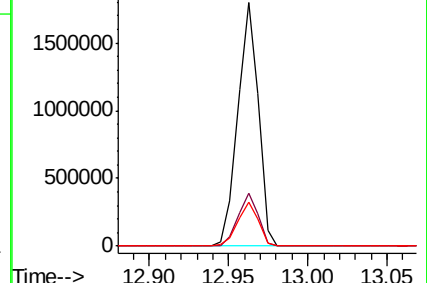
203 18.1 14.2 21.4

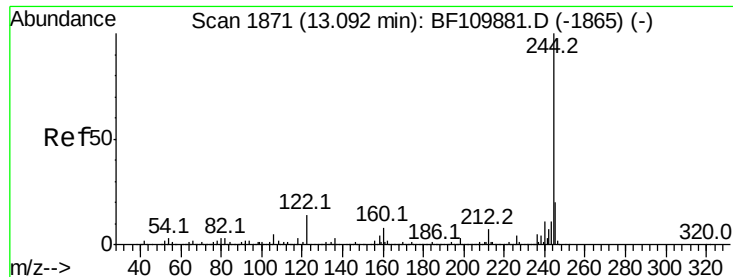


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.862 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2042377

Ion Ratio Lower Upper

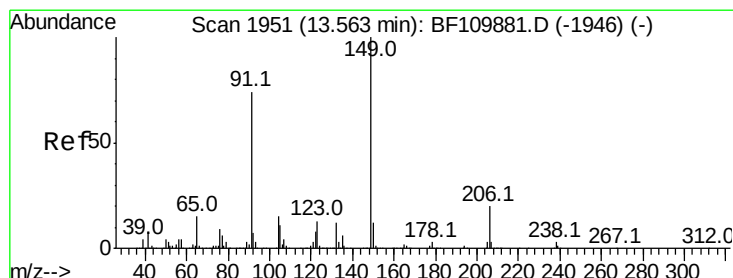
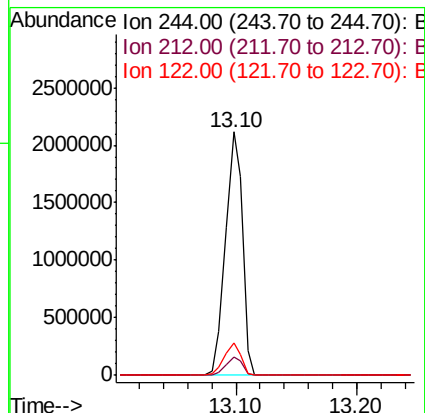
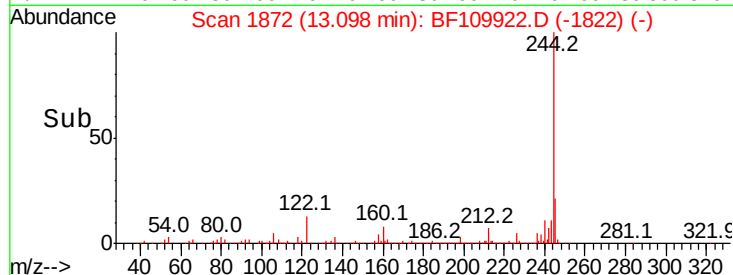
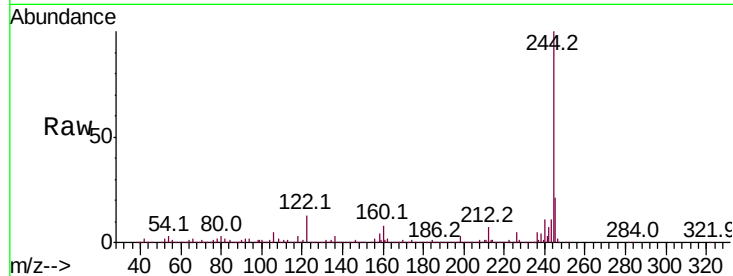
244 100

212 7.4 5.8 8.8

122 13.4 8.7 13.1#

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#80

Butylbenzylphthalate

Concen: 43.433 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

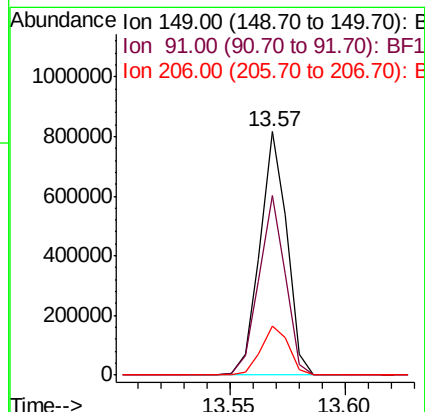
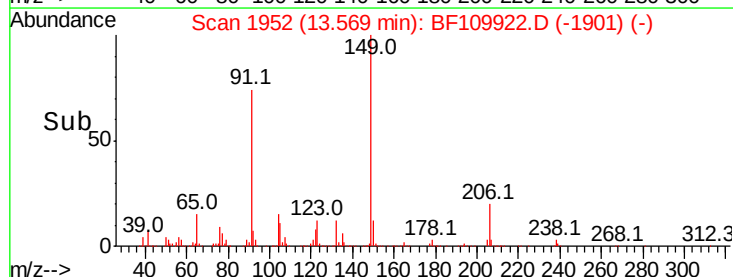
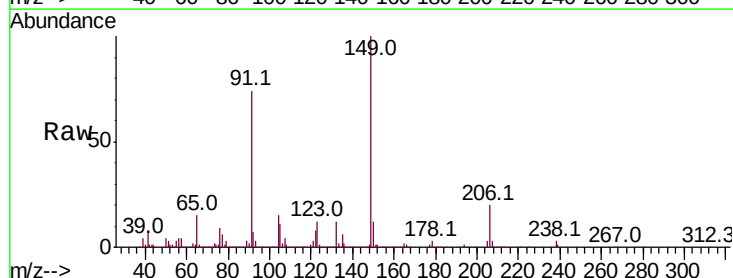
Tgt Ion:149 Resp: 667524

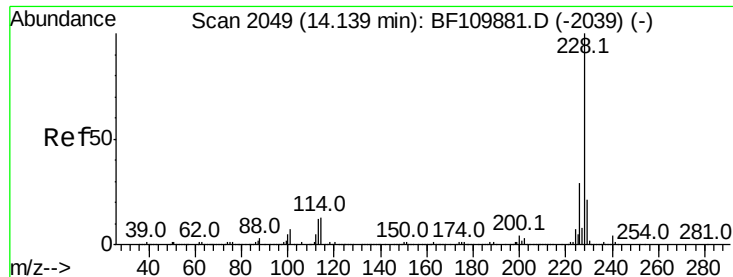
Ion Ratio Lower Upper

149 100

91 73.9 57.2 85.8

206 20.2 15.7 23.5





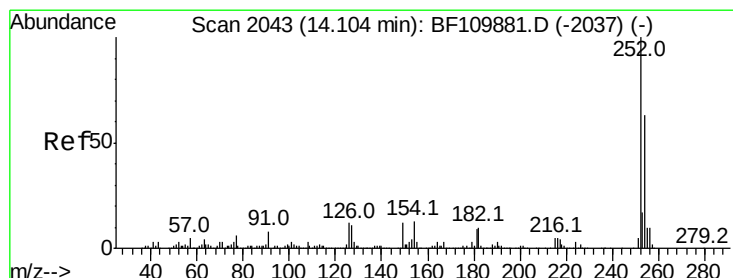
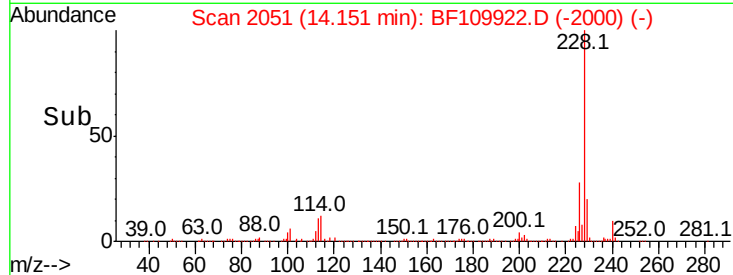
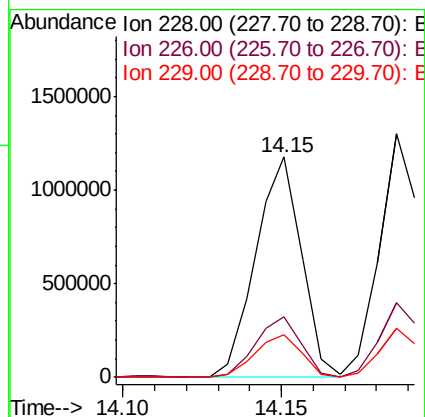
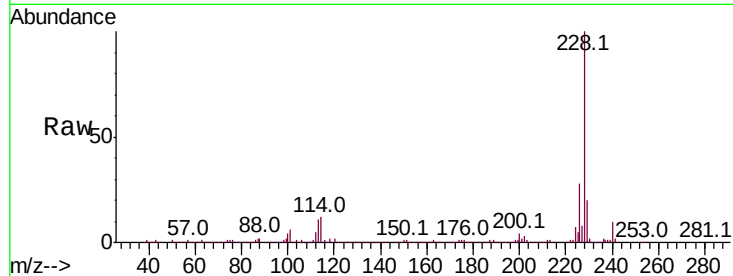
#81
Benzo(a)anthracene
Concen: 38.679 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.6	15.6	23.4

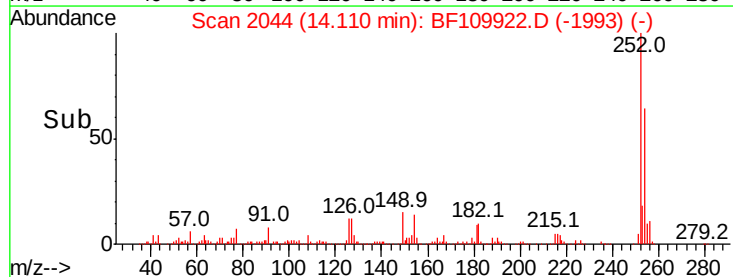
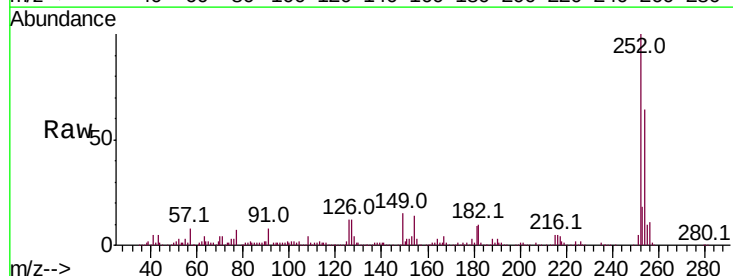
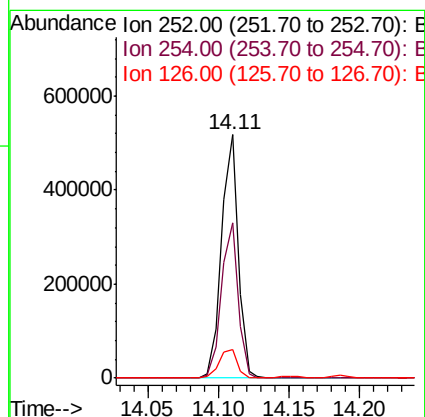
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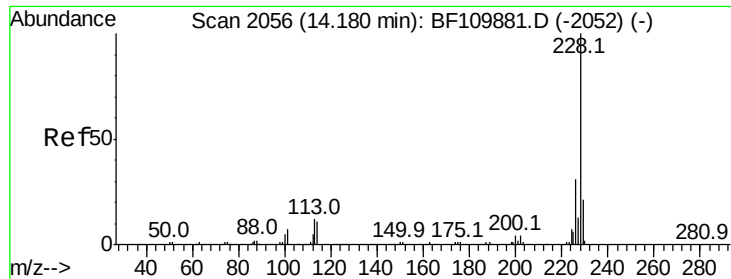
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 40.016 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	11.6	9.4	14.2





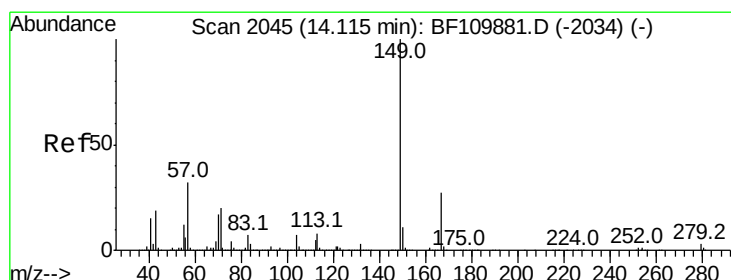
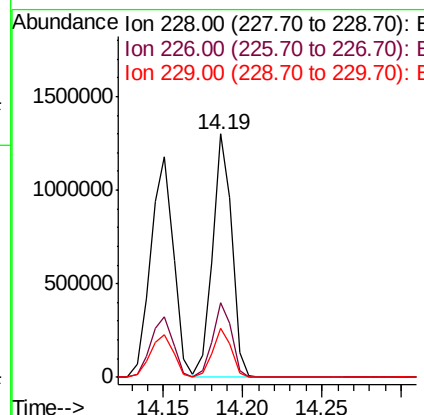
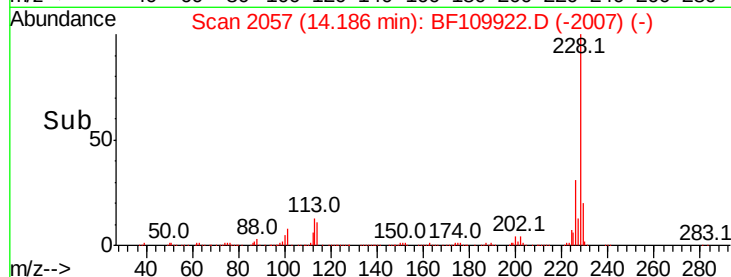
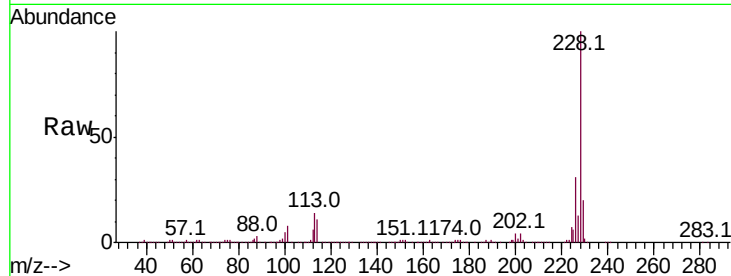
#83
 Chrysene
 Concen: 38.136 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.2	15.9	23.9

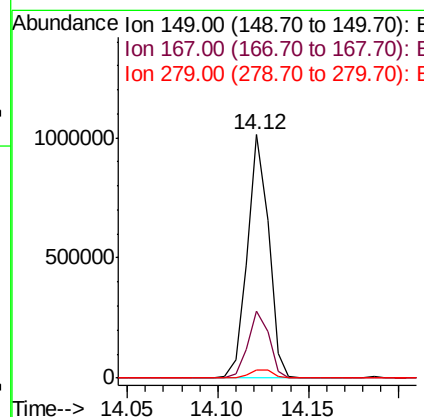
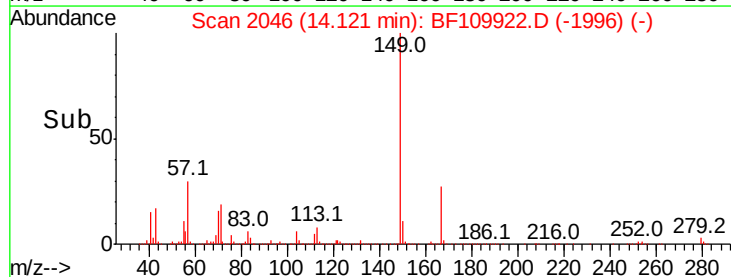
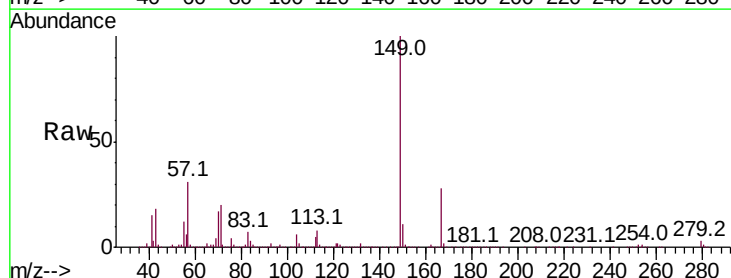
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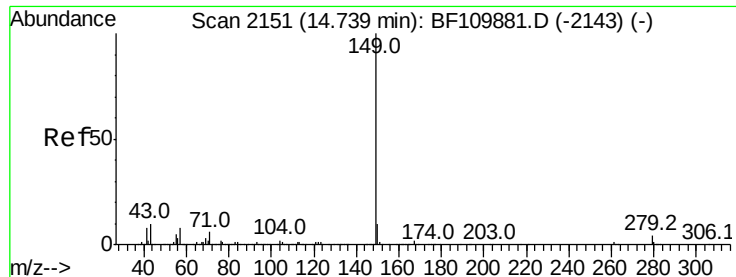
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.790 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF109922.D
 Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	19.8	29.8
279	3.4	2.7	4.1





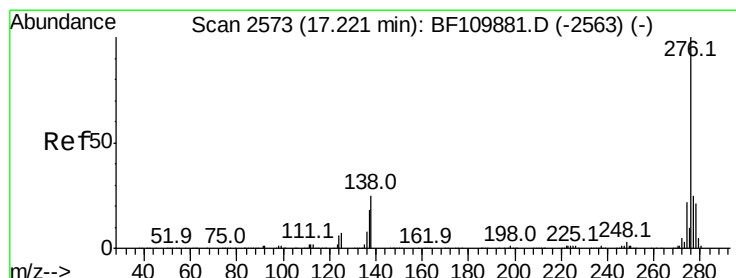
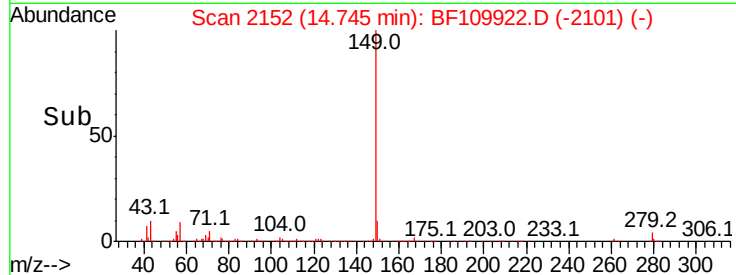
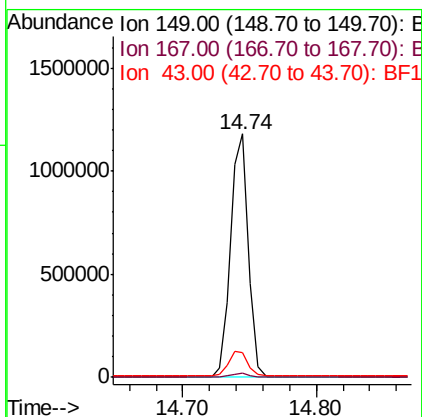
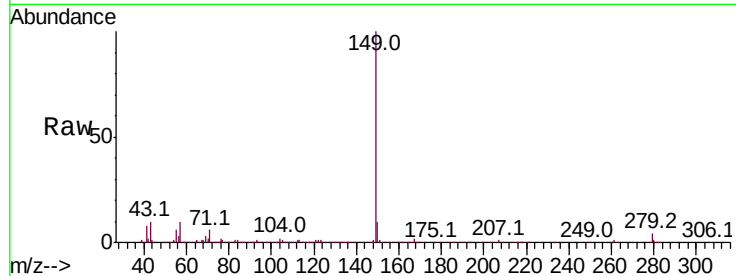
#85
Di-n-octyl phthalate
Concen: 38.811 ng
RT: 14.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.5	7.8	11.8

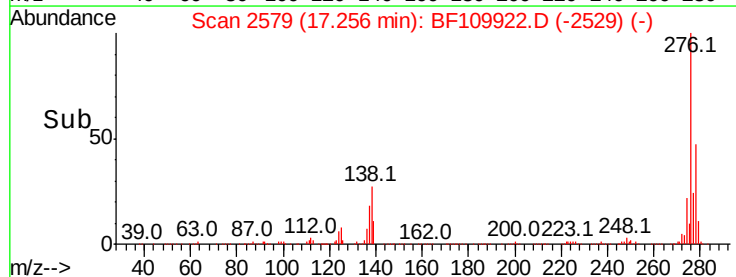
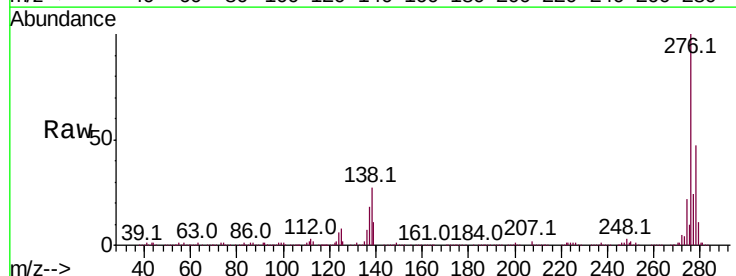
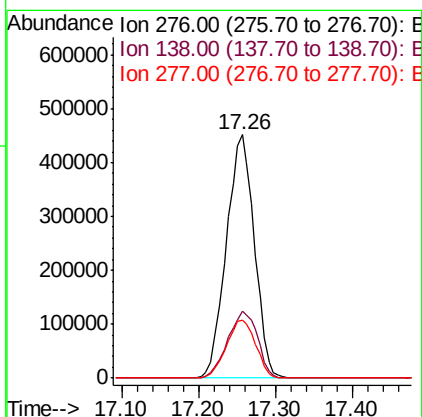
Manual Integrations
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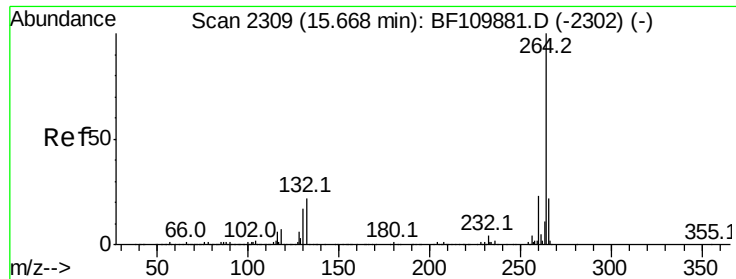
Sohil
10/18/2018 2:04:16 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.997 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	18.5	27.7#
277	25.0	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Instrument :

BNA_F

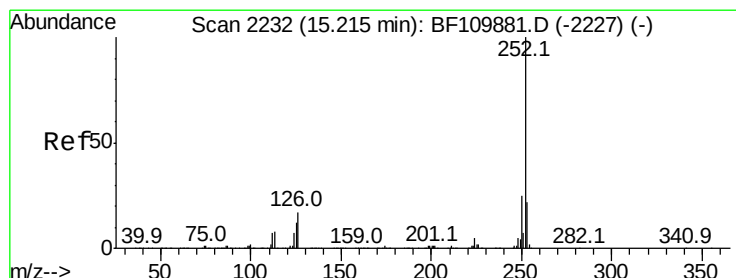
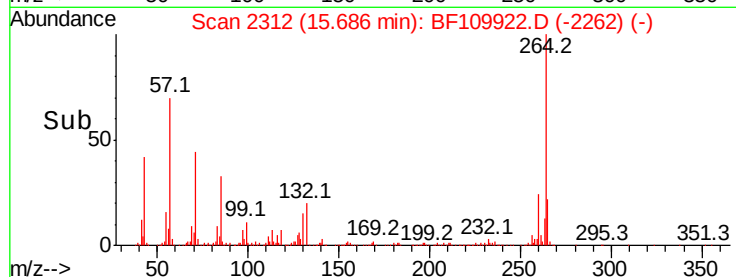
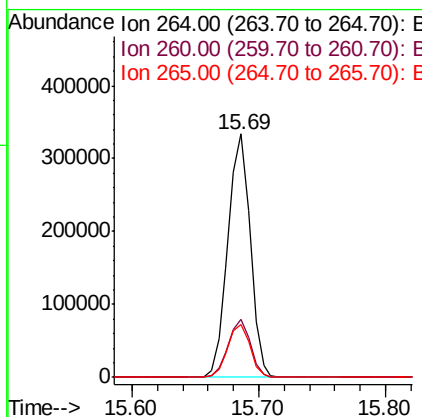
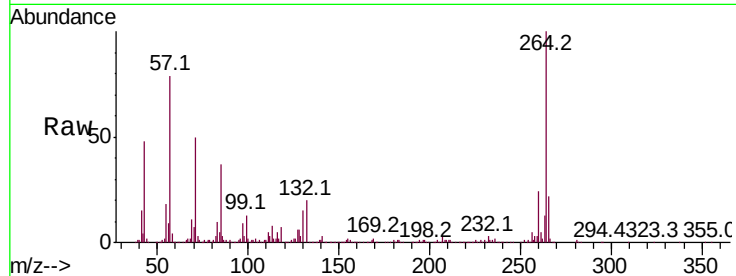
ClientSampleId :

SSTDCCC040EC

Tot Ion:	264	Resp:	408080
Ion Ratio		Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.8	16.7	25.1

Manual Integrations
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10/18/2018 2:04:16 PM



#88

Benzo(b)fluoranthene

Concen: 38.728 ng m

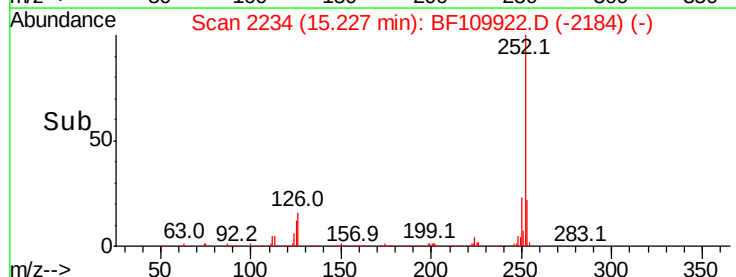
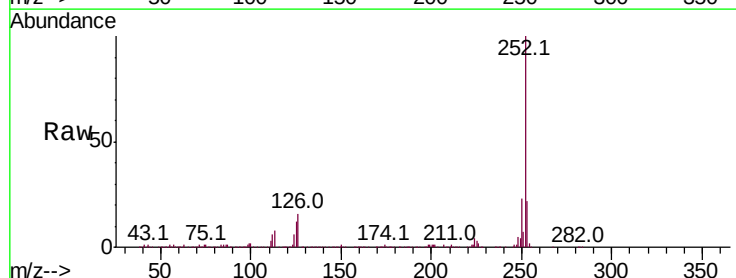
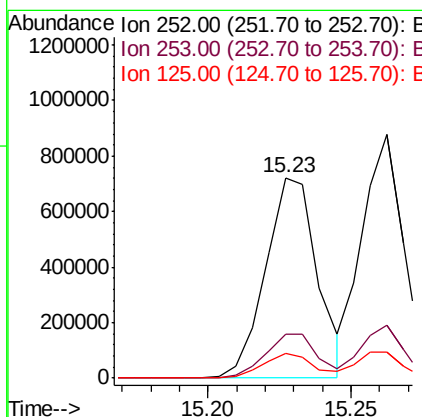
RT: 15.23 min Scan# 2234

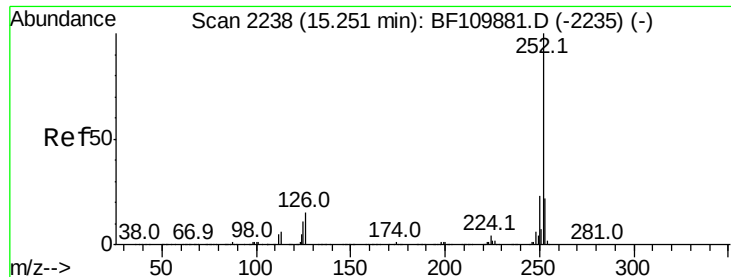
Delta R.T. -0.01 min

Lab File: BF109922.D

Acq: 17 Oct 2018 15:00

Tgt Ion:	252	Resp:	911153
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.2	25.8
125	12.5	8.2	12.4#





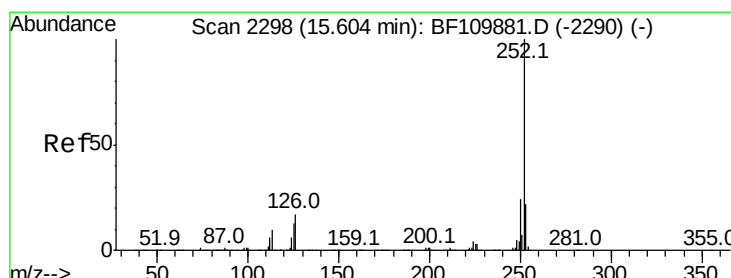
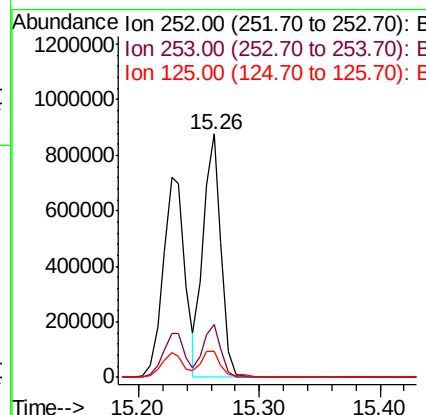
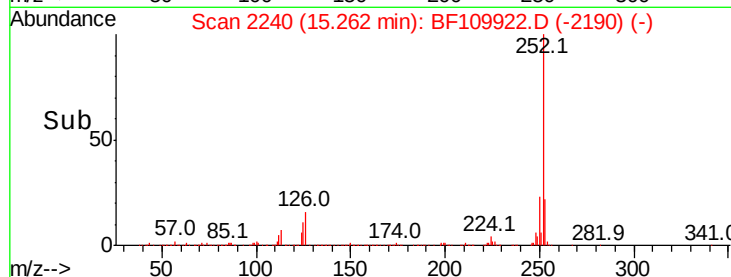
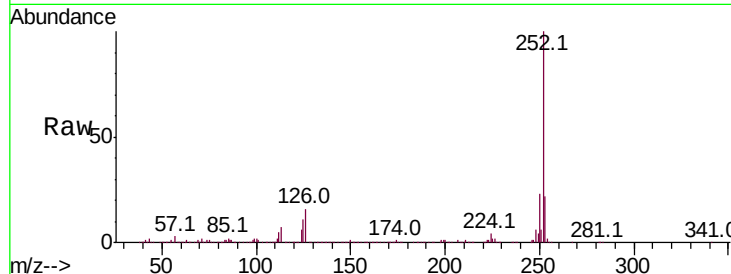
#89
Benzo(k)fluoranthene
Concen: 38.279 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.9	7.4	11.0

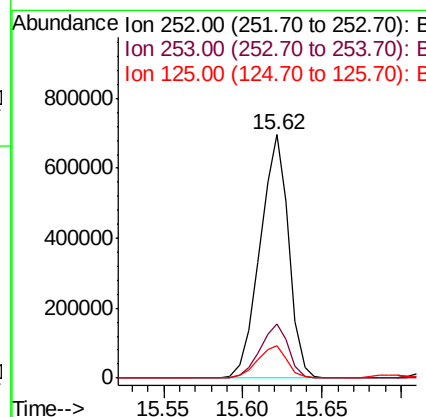
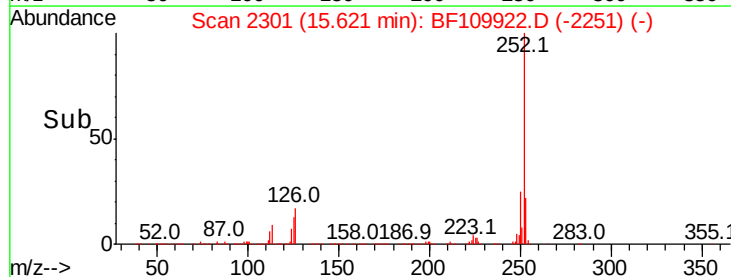
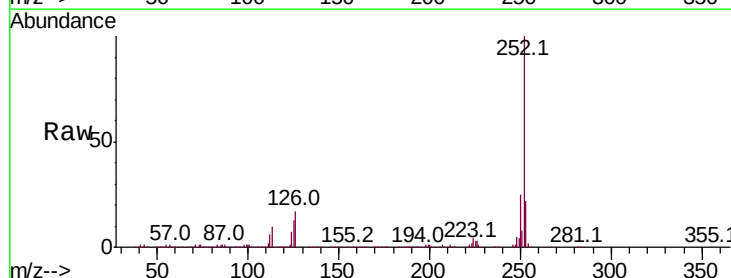
Manual Integrations
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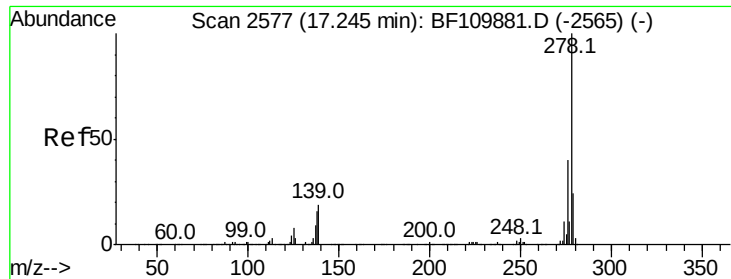
Sohil
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#90
Benzo(a)pyrene
Concen: 40.362 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.3	9.0	13.6





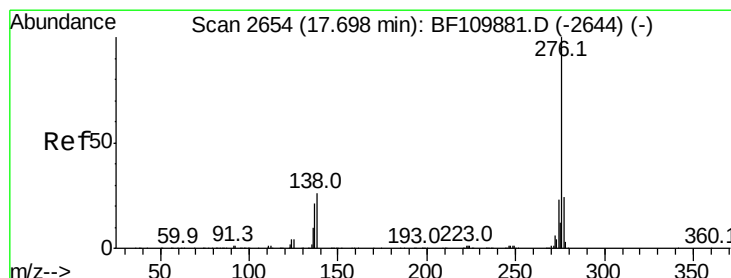
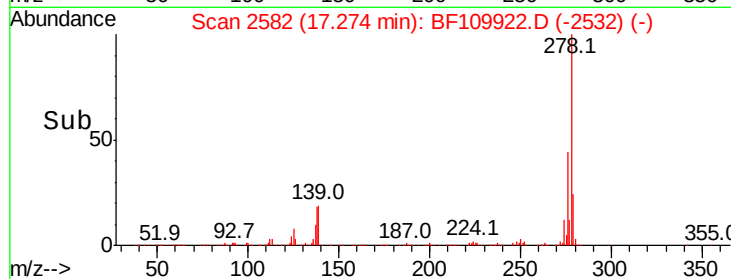
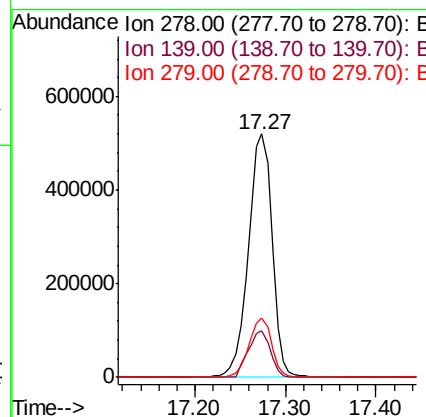
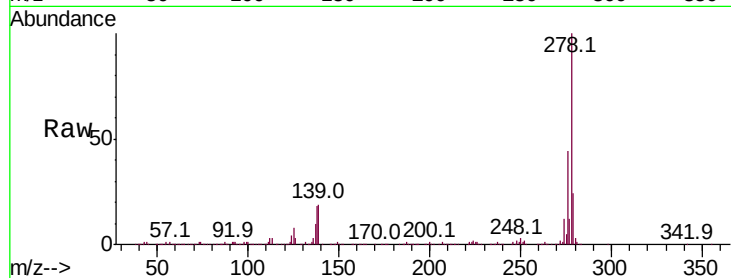
#91
Dibenzo(a,h)anthracene
Concen: 49.255 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	12.7	19.1
279	24.4	19.0	28.4

Manual Integrations
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10/18/2018 2:04:16 PM



#92
Benzo(g,h,i)perylene
Concen: 50.924 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF109922.D
Acq: 17 Oct 2018 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	25.2	16.0	24.0

