

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107119.D
 Acq On : 5 Jul 2018 11:46
 Operator : JU/SJ
 Sample : PB110604BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Manual Integrations
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Sohil
 7/6/2018 8:44:55 AM

Quant Time: Jul 06 02:21:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76344	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	309963	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	170806	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	360207	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	320364	20.00	ng	-0.02
86) Perylene-d12	15.68	264	247701	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	474936	105.34	ng	0.00
7) Phenol-d6	6.60	99	604888	107.43	ng	-0.01
23) Nitrobenzene-d5	7.52	82	398174	71.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	230714	116.54	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	772226	74.75	ng	-0.02
78) Terphenyl-d14	13.07	244	1014500	76.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	64552	27.849	ng	96
3) Pyridine	3.64	79	196605	31.275	ng	98
4) n-Nitrosodimethylamine	3.61	42	82433	30.874	ng	86
6) Aniline	6.62	93	175902	23.032	ng	# 45
8) 2-Chlorophenol	6.75	128	185173	37.446	ng	95
9) Benzaldehyde	6.51	77	99538	23.155	ng	95
10) Phenol	6.61	94	222404	34.613	ng	80
11) bis(2-Chloroethyl)ether	6.68	93	185917	35.048	ng	99
12) 1,3-Dichlorobenzene	6.89	146	214294	37.000	ng	97
13) 1,4-Dichlorobenzene	6.97	146	215452	36.795	ng	98
14) 1,2-Dichlorobenzene	7.12	146	197756	36.851	ng	98
15) Benzyl Alcohol	7.10	79	155599	34.418	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	255514	36.713	ng	49
17) 2-Methylphenol	7.21	107	159555	37.704	ng	# 90
18) Hexachloroethane	7.45	117	74676	36.266	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	128960	34.748	ng	92
20) 3+4-Methylphenols	7.37	107	198585	42.906	ng	# 82
22) Acetophenone	7.36	105	256637	37.008	ng	# 97
24) Nitrobenzene	7.54	77	202062	35.484	ng	100
25) Isophorone	7.77	82	381673	38.834	ng	99
26) 2-Nitrophenol	7.85	139	109046	40.565	ng	99
27) 2,4-Dimethylphenol	7.89	122	178132	42.872	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	239860	36.348	ng	98
29) 2,4-Dichlorophenol	8.10	162	178546	41.045	ng	96
30) 1,2,4-Trichlorobenzene	8.17	180	193639	40.409	ng	96
31) Naphthalene	8.25	128	544726	37.589	ng	99
32) Benzoic acid	8.03	122	88874	31.626	ng	95
33) 4-Chloroaniline	8.31	127	92809	15.263	ng	99
34) Hexachlorobutadiene	8.36	225	126015	40.358	ng	99
35) Caprolactam	8.69	113	57880m	40.819	ng	
36) 4-Chloro-3-methylphenol	8.81	107	184393	40.272	ng	94
37) 2-Methylnaphthalene	8.95	142	411433	42.833	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	216867	37.702	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	133135	44.986	ng	99

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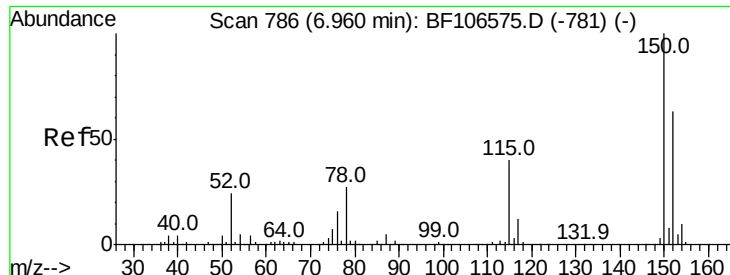
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 7/6/2018 8:44:55 AM

Quant Time: Jul 06 02:21:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	125891	32.925	nq	92
43) 2,4,5-Trichlorophenol	9.28	196	126272	31.649	nq	# 85
45) 1,1'-Biphenyl	9.41	154	498411	36.614	nq	97
46) 2-Chloronaphthalene	9.44	162	366662	34.220	nq	94
47) 2-Nitroaniline	9.54	65	118411	32.864	nq	93
48) Acenaphthylene	9.86	152	574963	33.988	nq	99
49) Dimethylphthalate	9.71	163	445534	34.778	nq	99
50) 2,6-Dinitrotoluene	9.78	165	104839	38.647	nq	90
51) Acenaphthene	10.03	154	350375	32.891	nq	98
52) 3-Nitroaniline	9.95	138	66882	21.426	nq	98
53) 2,4-Dinitrophenol	10.08	184	90838	65.449	nq	# 15
54) Dibenzofuran	10.20	168	528158	36.208	nq	98
55) 4-Nitrophenol	10.14	139	83027	38.105	nq	95
56) 2,4-Dinitrotoluene	10.20	165	133340	37.658	nq	# 94
57) Fluorene	10.55	166	432810	37.392	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	114408	36.073	nq	# 76
59) Diethylphthalate	10.41	149	426177	34.468	nq	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	223022	36.824	nq	# 86
61) 4-Nitroaniline	10.58	138	113691	36.698	nq	94
62) Azobenzene	10.70	77	407711	33.485	nq	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	79569	35.736	nq	# 66
65) n-Nitrosodiphenylamine	10.65	169	383736	31.673	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	159090	37.007	nq	# 78
67) Hexachlorobenzene	11.10	284	172582	38.357	nq	# 83
68) Atrazine	11.18	200	146646	38.074	nq	93
69) Pentachlorophenol	11.30	266	96829m	43.131	nq	
70) Phenanthrene	11.51	178	654335	37.663	nq	99
71) Anthracene	11.57	178	682250	38.473	nq	100
72) Carbazole	11.72	167	617406	37.187	nq	98
73) Di-n-butylphthalate	12.03	149	688005	35.175	nq	100
74) Fluoranthene	12.71	202	758091	39.589	nq	96
76) Benzidine	12.82	184	275794	30.228	nq	97
77) Pyrene	12.94	202	763561	36.144	nq	99
79) Butylbenzylphthalate	13.54	149	305604	35.184	nq	# 94
80) Benzo(a)anthracene	14.14	228	735265	37.657	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	116076	16.915	nq	# 95
82) Chrysene	14.17	228	672151	37.418	nq	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	377303	33.977	nq	# 98
84) Di-n-octyl phthalate	14.71	149	614856	33.968	nq	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	543575	35.658	nq	# 89
87) Benzo(b)fluoranthene	15.22	252	605731	39.366	nq	# 96
88) Benzo(k)fluoranthene	15.25	252	564406	38.518	nq	# 95
89) Benzo(a)pyrene	15.61	252	542990	39.696	nq	# 97
90) Dibenzo(a,h)anthracene	17.28	278	441864	38.116	nq	# 93
91) Benzo(g,h,i)perylene	17.75	276	474506	41.878	nq	# 90

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



#1

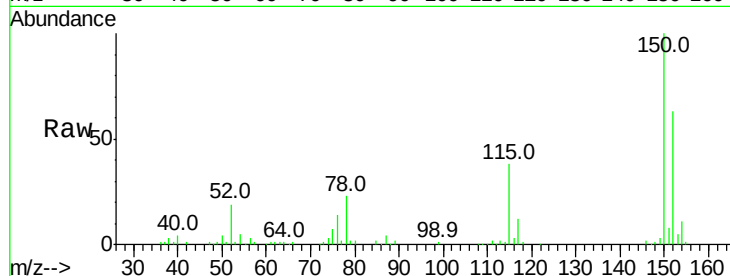
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

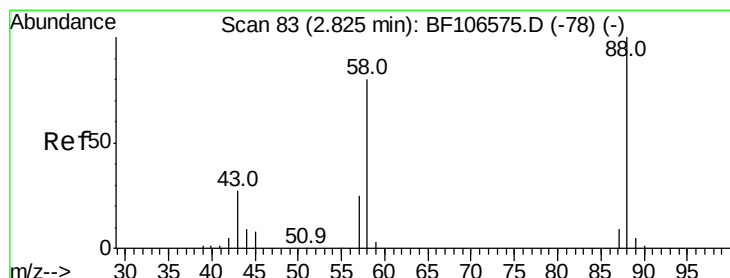
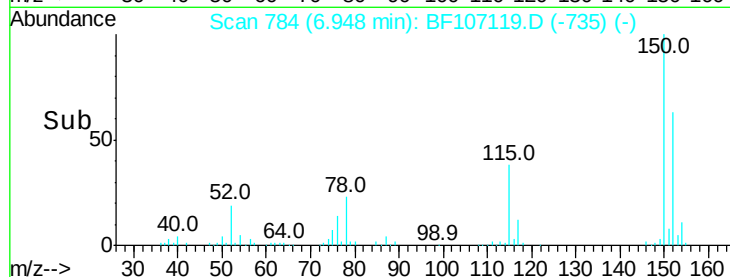
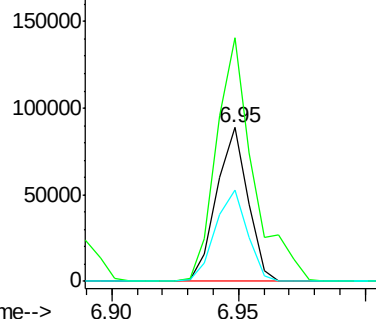
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	59.6	50.1	75.1

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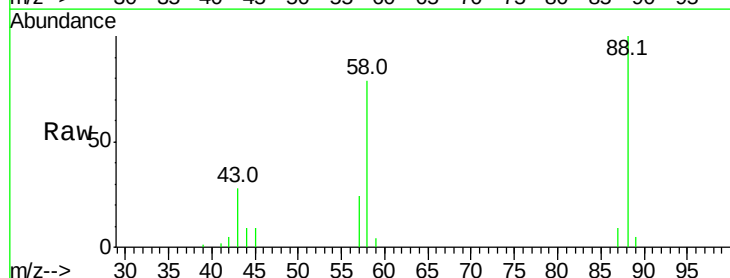
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



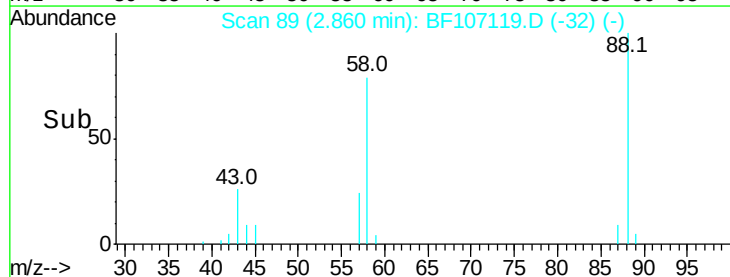
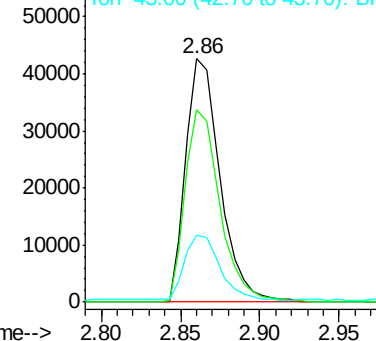
#2

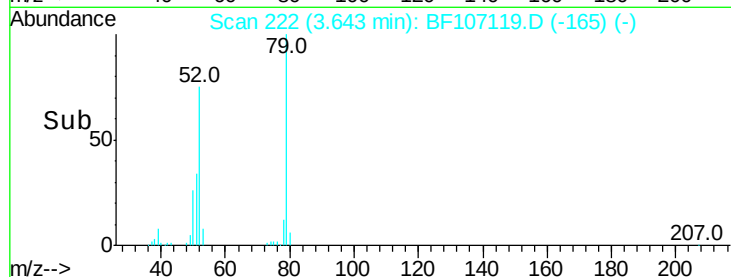
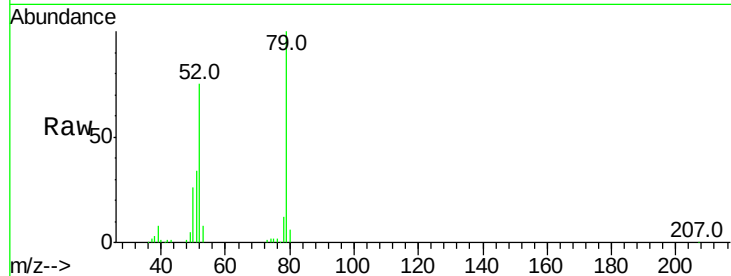
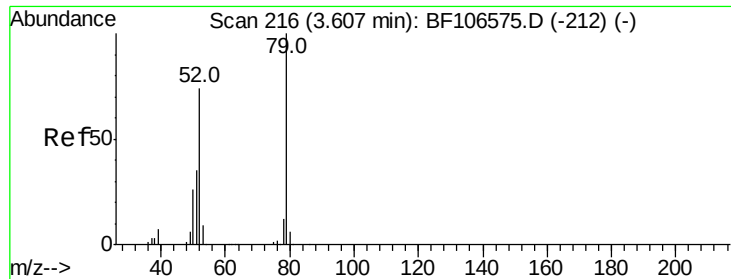
1,4-Dioxane
Concen: 27.849 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	62.6	93.8
43	27.0	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





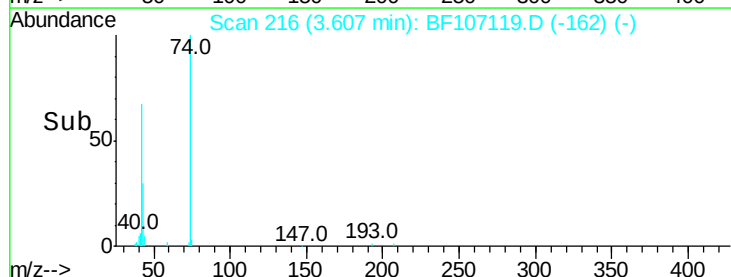
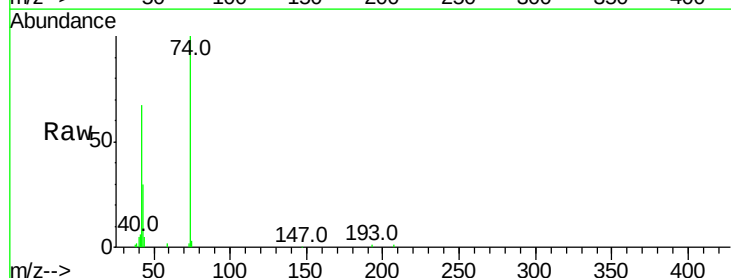
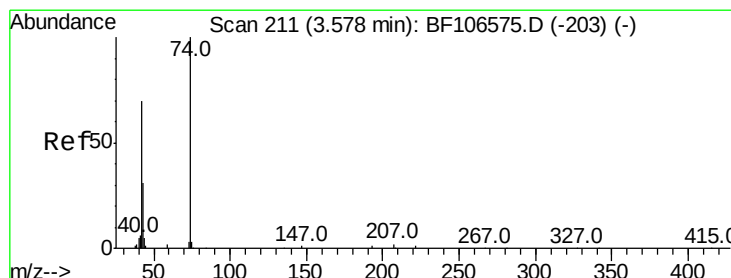
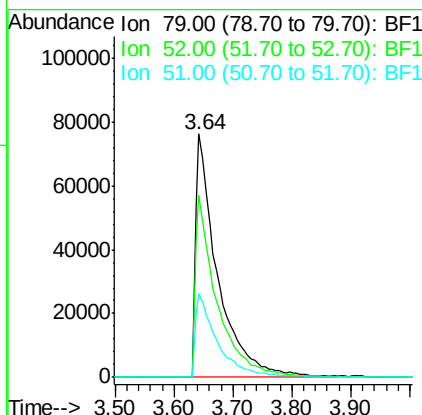
#3
 Pvridine
 Concen: 31.275 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.8	59.8	89.6
51	34.1	29.8	44.8

Instrument :
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 PB110604BS

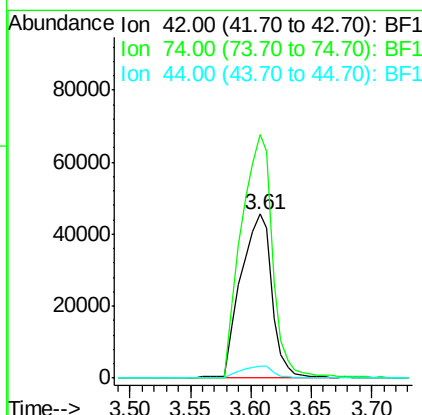
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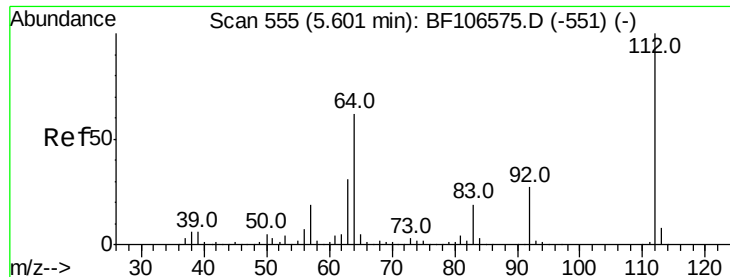
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#4
 n-Nitrosodimethylamine
 Concen: 30.874 ng
 RT: 3.61 min Scan# 216
 Delta R.T. 0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.5	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 105.341 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

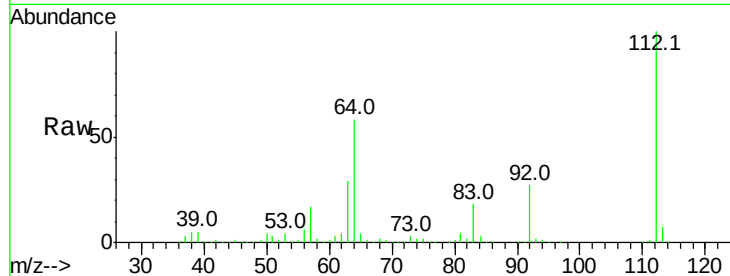
ClientSampleId :

PB110604BS

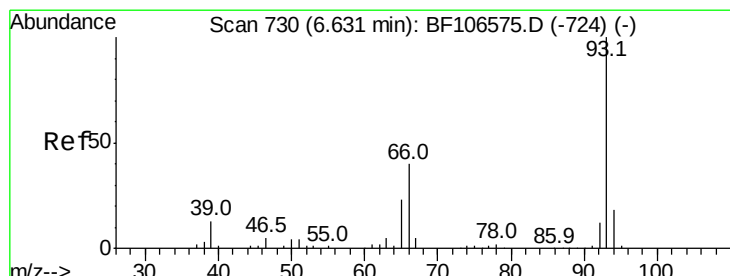
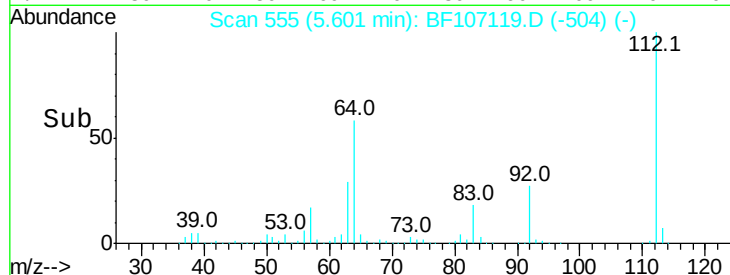
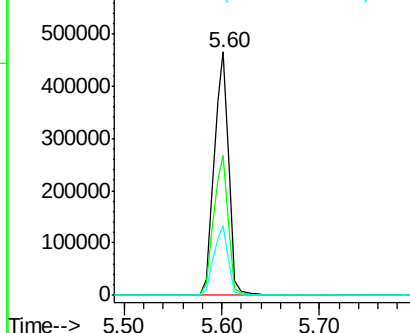
Tot Ion:	112	Resp:	474936
Ion Ratio	Lower	Upper	
112	100		
64	57.7	47.9	71.9
63	28.8	23.7	35.5

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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: 23.032 ng

RT: 6.62 min Scan# 728

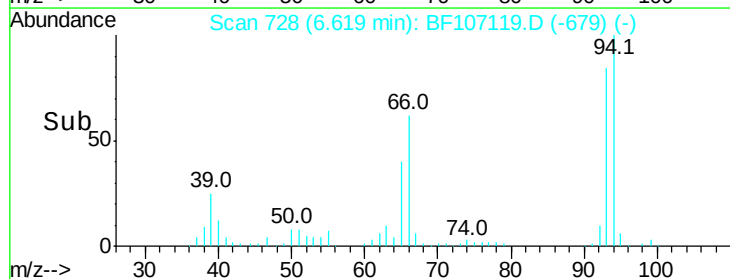
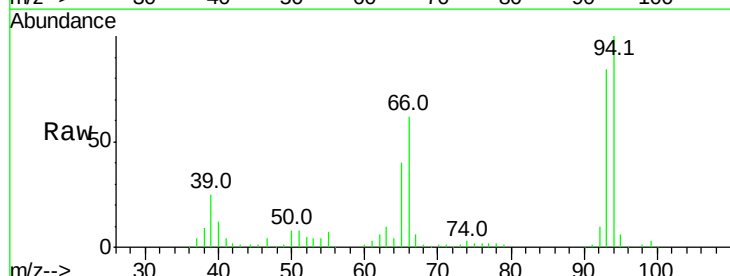
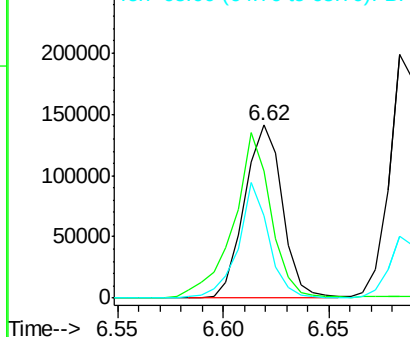
Delta R.T. -0.01 min

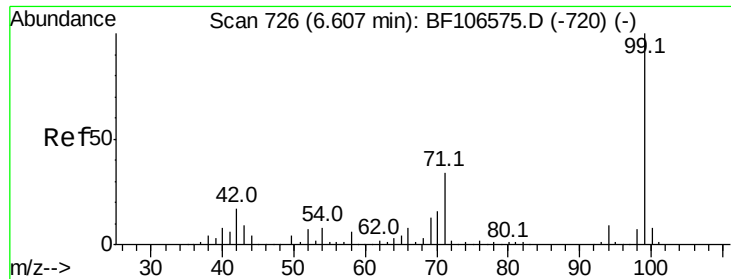
Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:	93	Resp:	175902
Ion Ratio	Lower	Upper	
93	100		
66	73.6	32.2	48.2#
65	47.4	16.4	24.6#

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





#7

Phenol-d6

Concen: 107.434 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

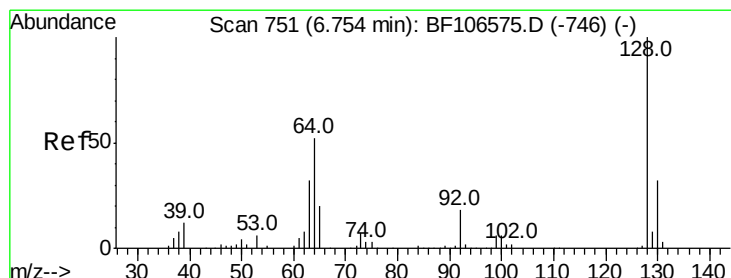
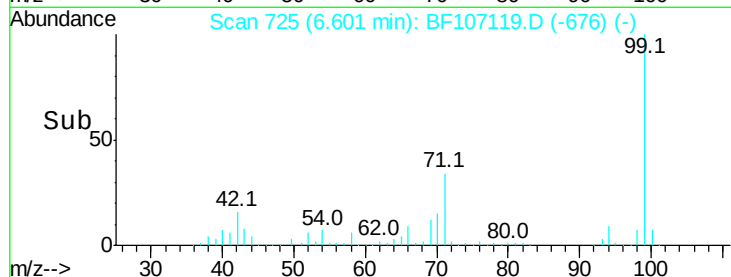
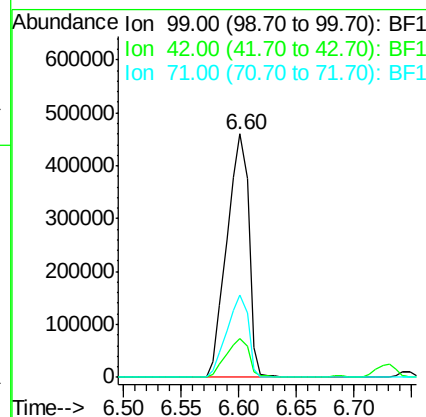
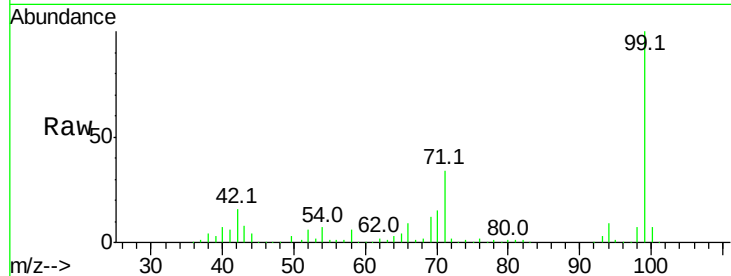
ClientSampleId :

PB110604BS

Tot Ion:	99	Resp:	604888
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	33.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.446 ng

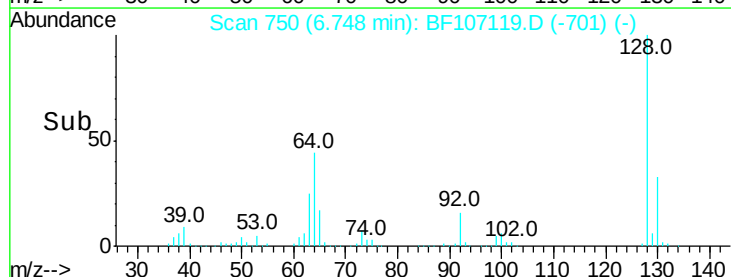
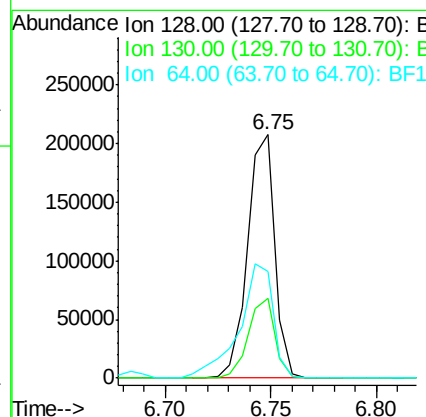
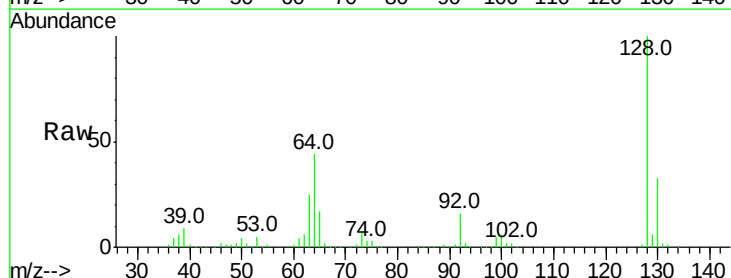
RT: 6.75 min Scan# 750

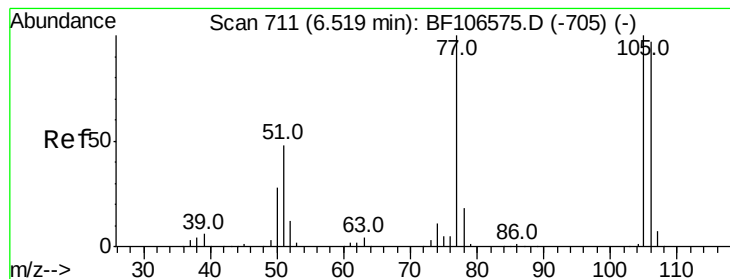
Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:	128	Resp:	185173
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.0	53.0
64	44.0	29.4	69.4





#9

Benzaldehyde

Concen: 23.155 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tot Ion: 77 Resp: 99538

Ion Ratio Lower Upper

77 100

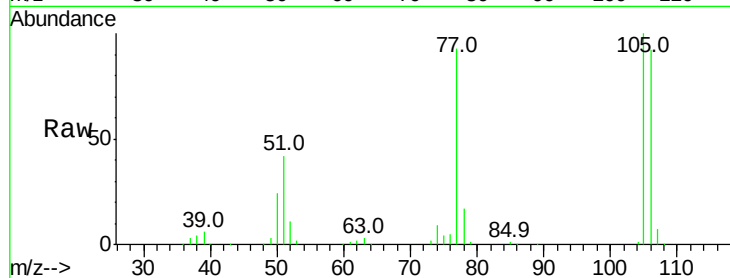
105 107.0 81.1 121.1

106 98.9 74.5 114.5

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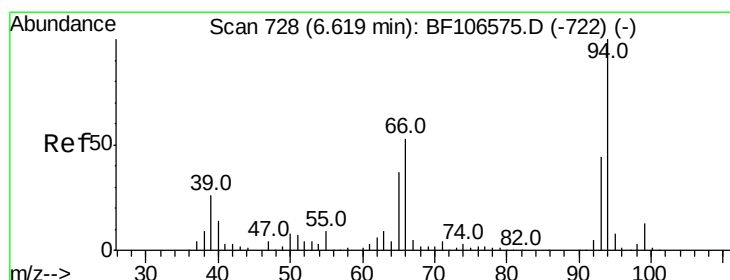
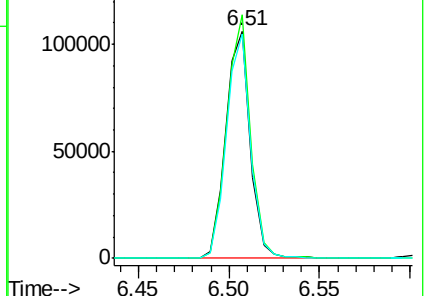
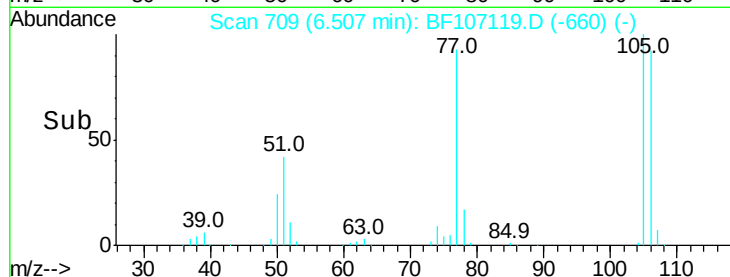
7/6/2018 8:44:55 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.613 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

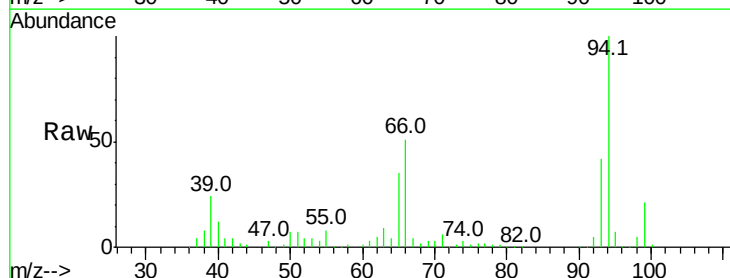
Tgt Ion: 94 Resp: 222404

Ion Ratio Lower Upper

94 100

65 35.5 7.9 47.9

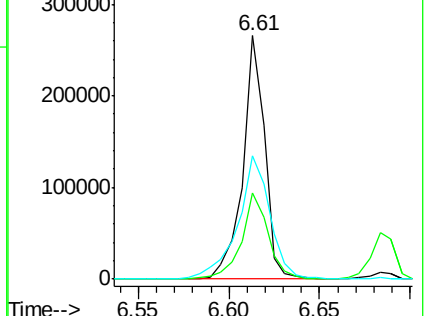
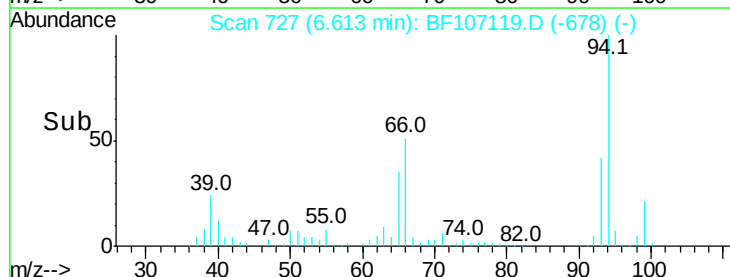
66 50.9 16.2 56.2

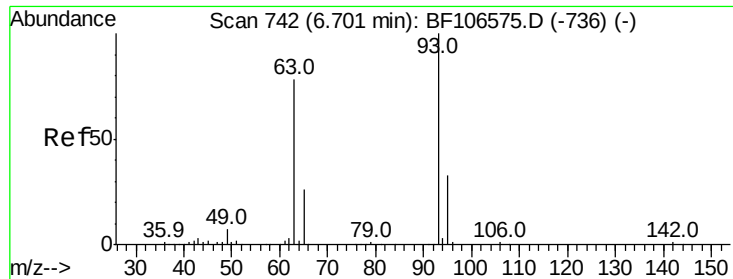


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.048 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

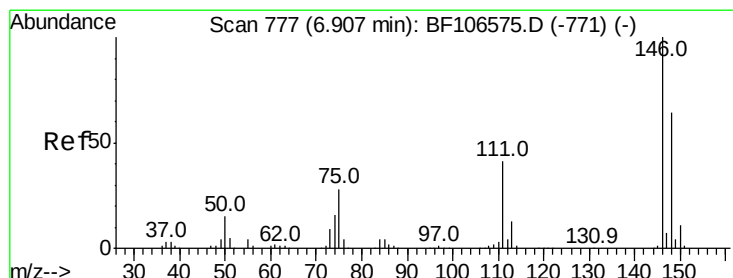
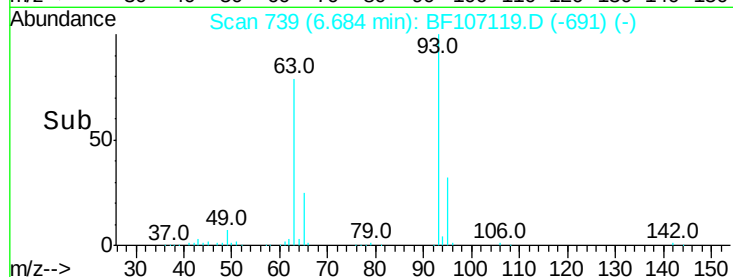
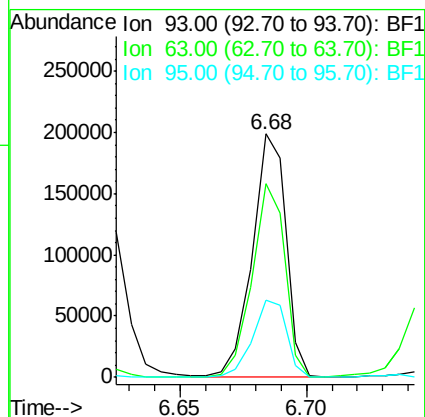
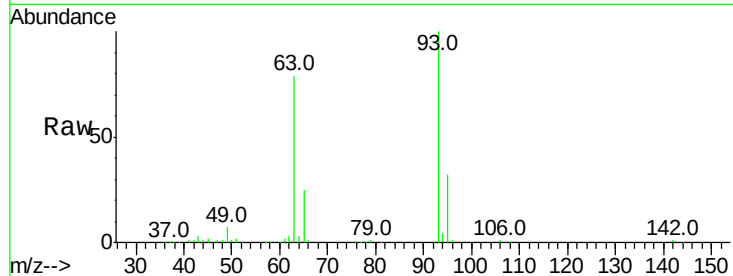
ClientSampled :

PB110604BS

Tot Ion:	93	Resp:	185917
Ion Ratio	Lower	Upper	
93	100		
63	79.5	58.6	98.6
95	31.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.000 ng

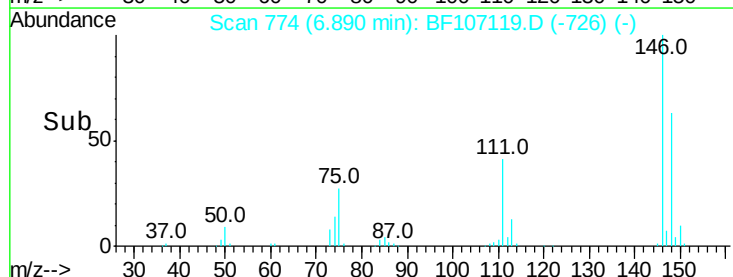
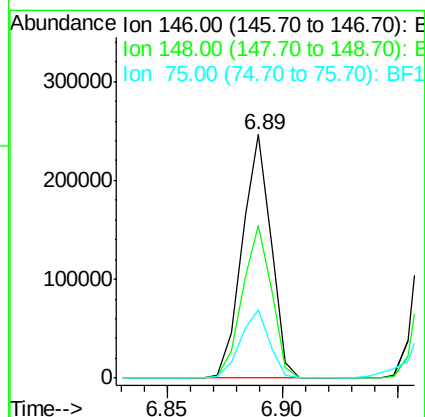
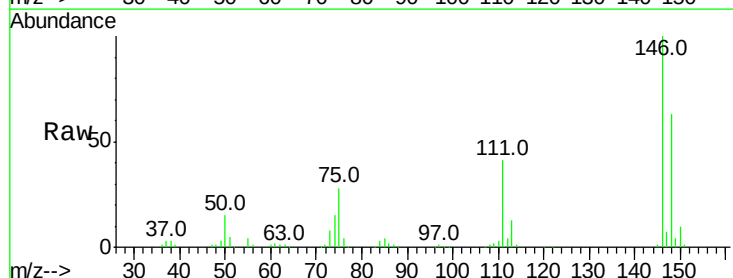
RT: 6.89 min Scan# 774

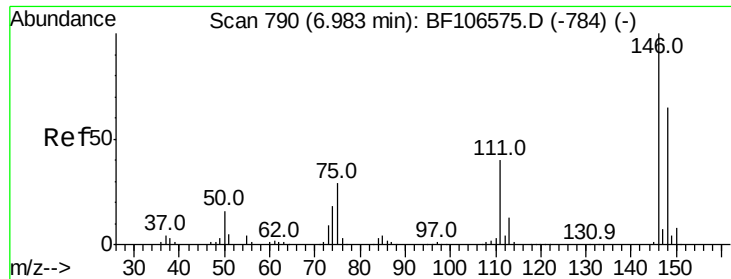
Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:	146	Resp:	214294
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.8	77.8
75	27.9	24.2	36.4





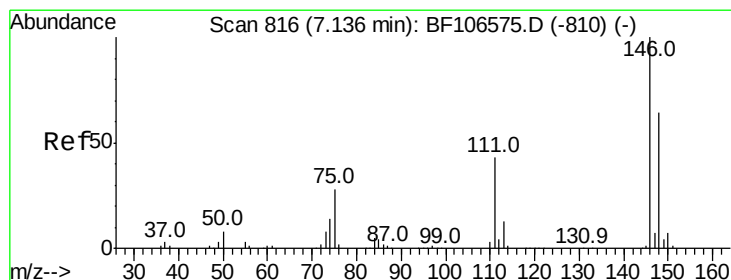
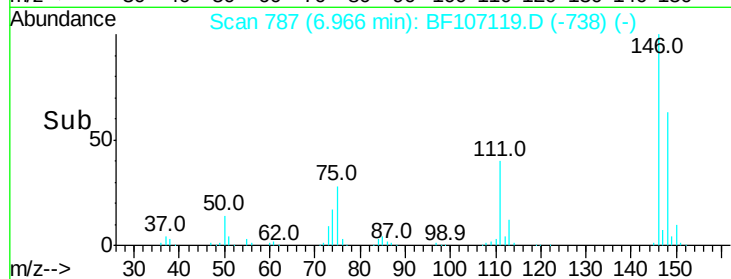
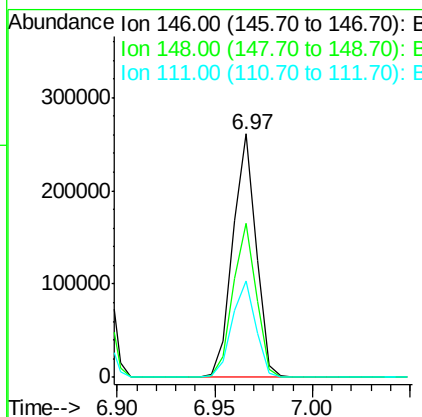
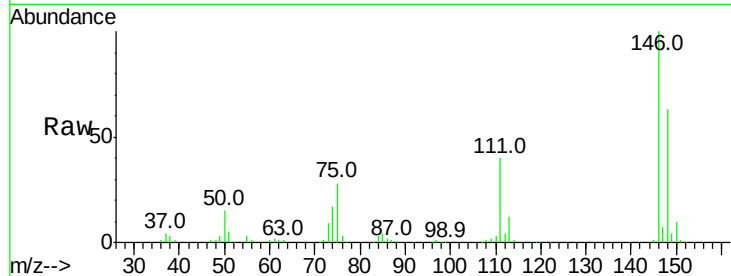
#13
 1,4-Dichlorobenzene
 Concen: 36.795 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	39.8	34.2	51.2

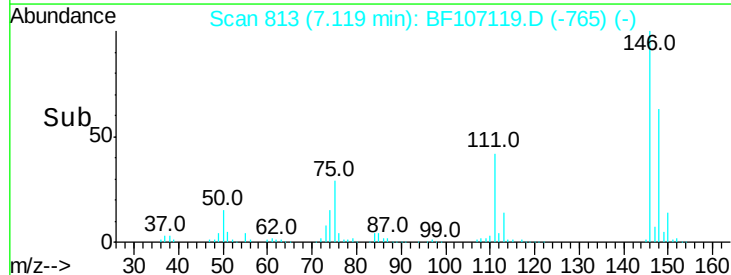
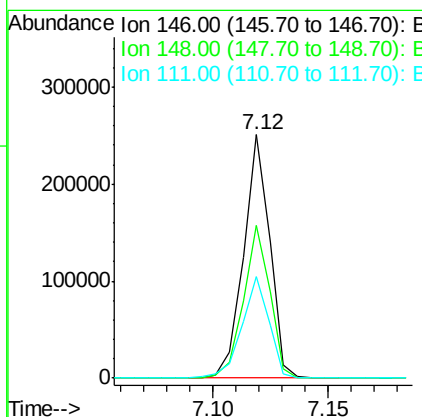
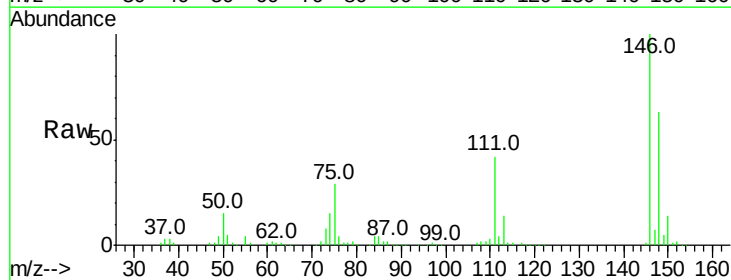
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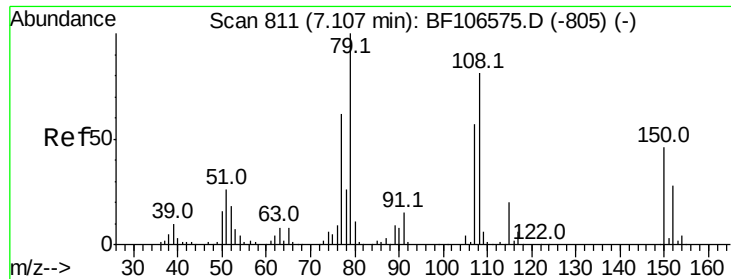
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#14
 1,2-Dichlorobenzene
 Concen: 36.851 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	41.7	36.0	54.0





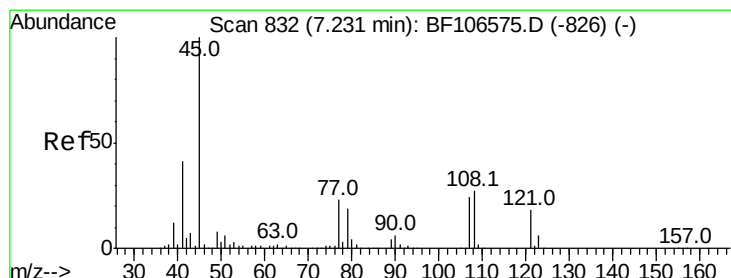
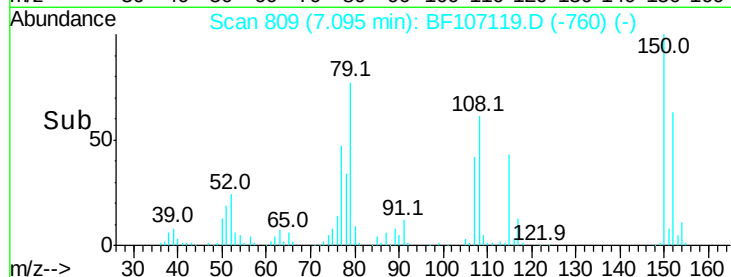
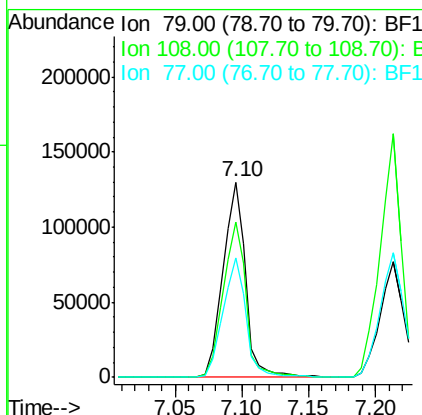
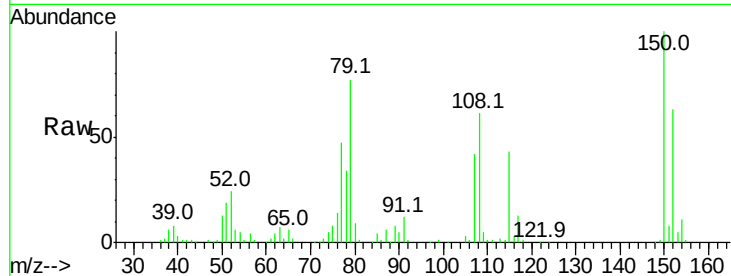
#15
Benzyl Alcohol
Concen: 34.418 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampled :
PB110604BS

Tot Ion: 79 Resp: 155599
Ion Ratio Lower Upper
79 100
108 79.7 65.1 97.7
77 61.4 50.6 75.8

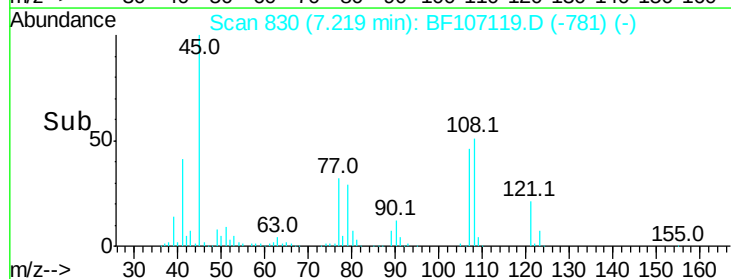
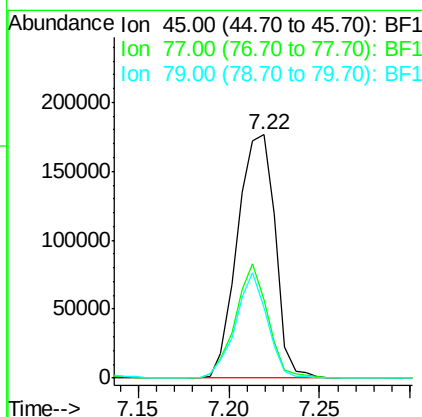
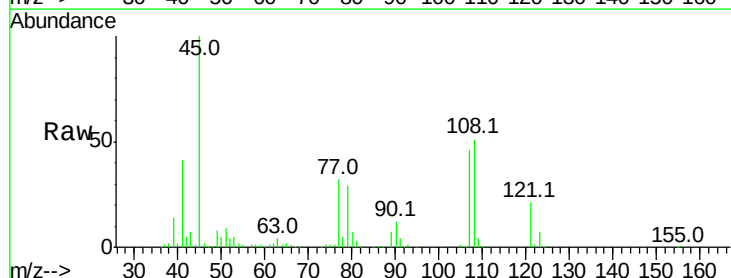
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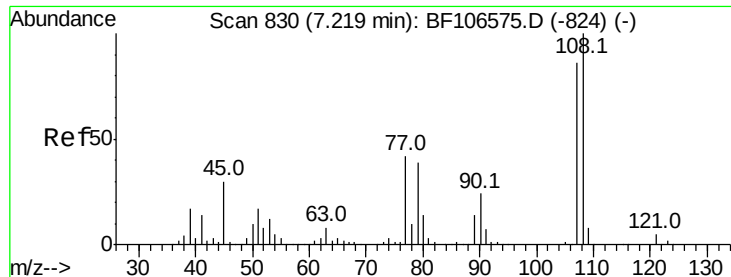
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.713 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion: 45 Resp: 255514
Ion Ratio Lower Upper
45 100
77 32.4 0.0 32.9
79 29.3 0.0 29.6





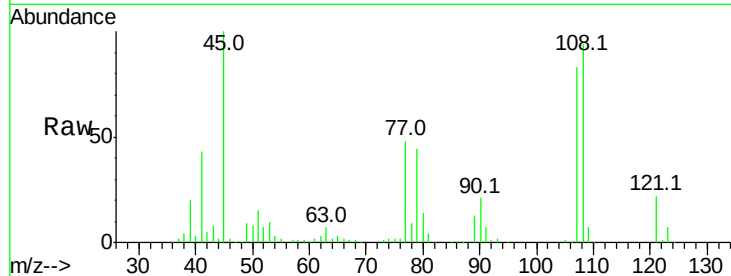
#17
2-Methylphenol
Concen: 37.704 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.0	91.7	137.5
77	57.6	33.8	50.8#
79	53.4	33.8	50.8#

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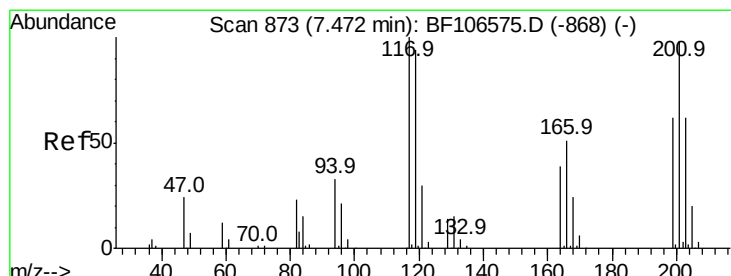
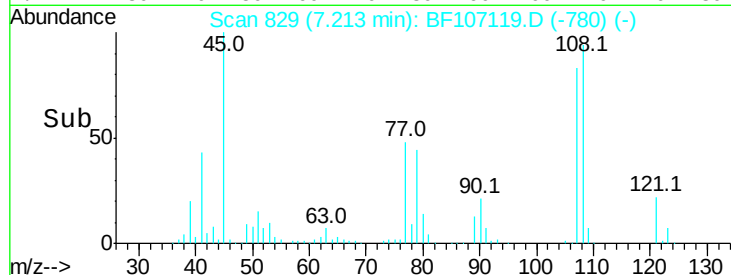
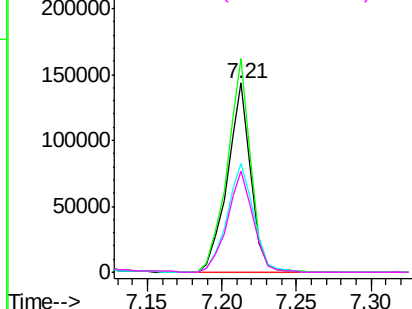
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.266 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

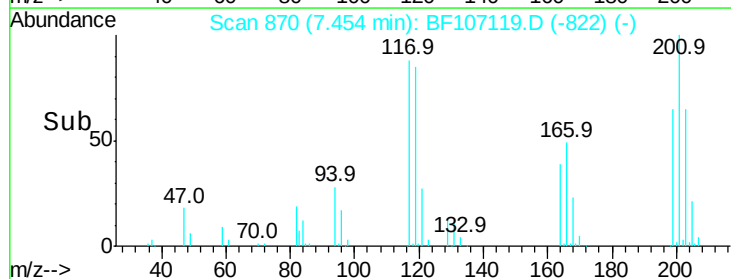
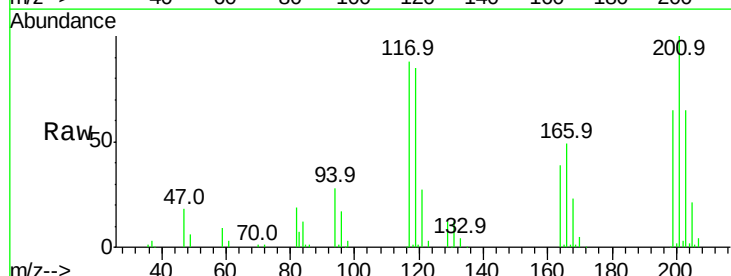
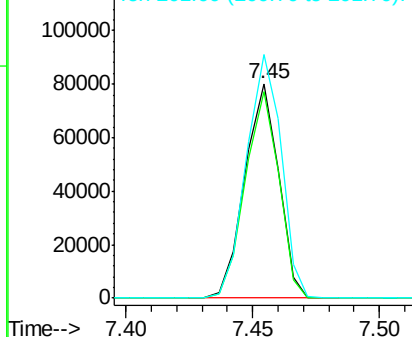
Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.2	75.8	113.8
201	113.5	75.7	113.5

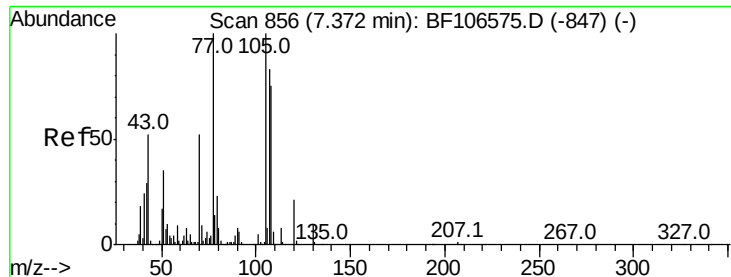
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





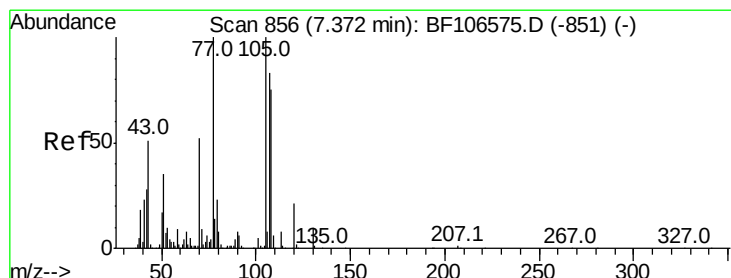
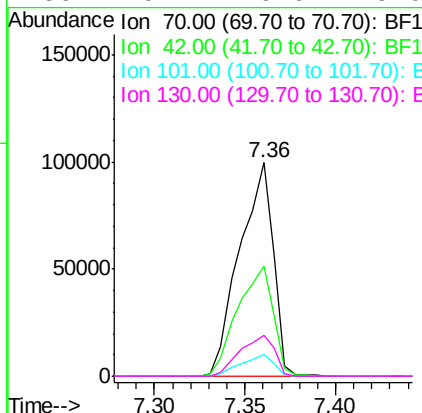
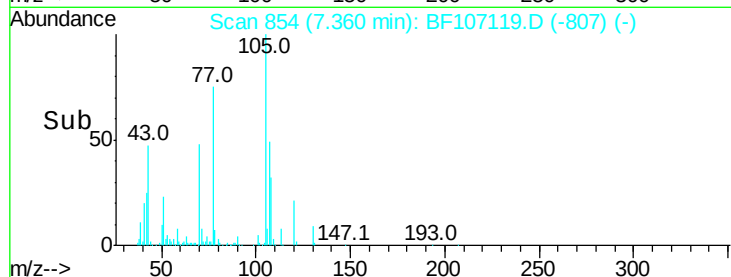
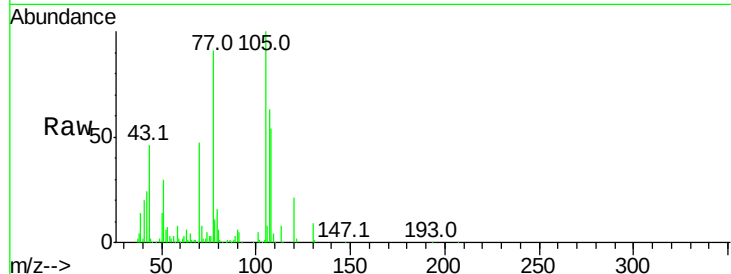
#19
n-Nitroso-di-n-propylamine
Concen: 34.748 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	10.3	7.4	11.2
130	19.4	16.6	25.0

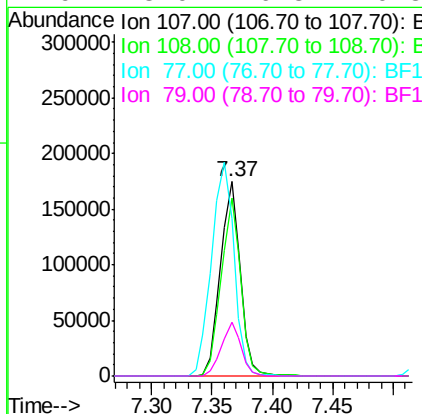
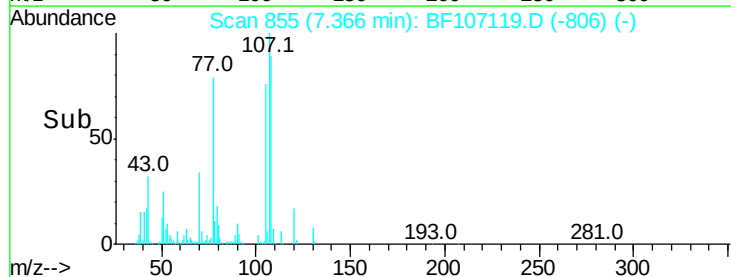
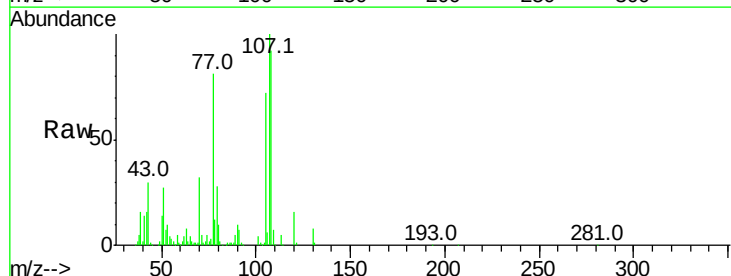
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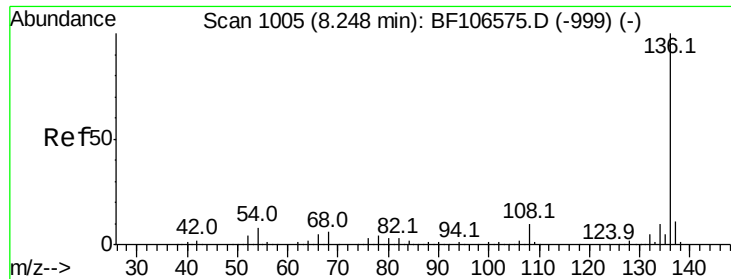
Sohil
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#20
3+4-Methylphenols
Concen: 42.906 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	81.3	26.7	66.7#
79	28.0	6.3	46.3





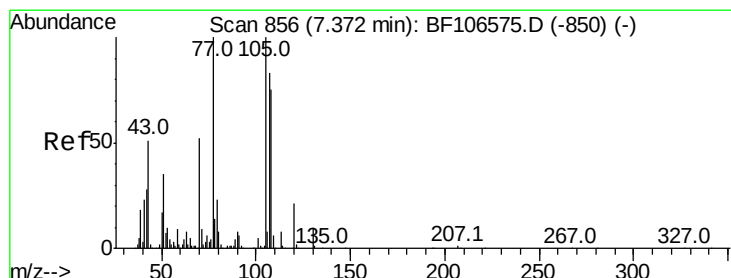
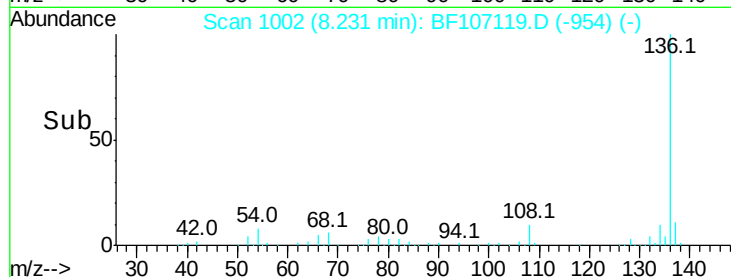
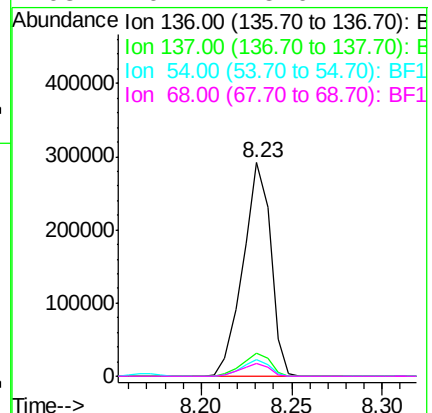
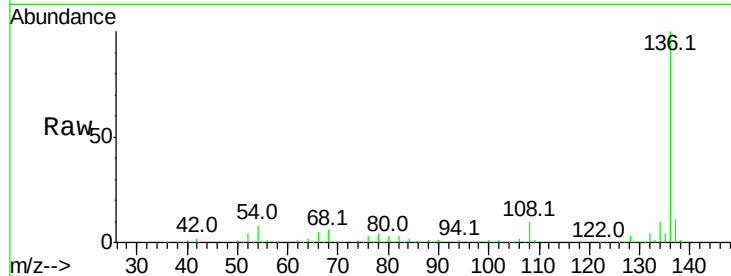
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.0	6.6	9.8	
68	6.2	5.0	7.4	

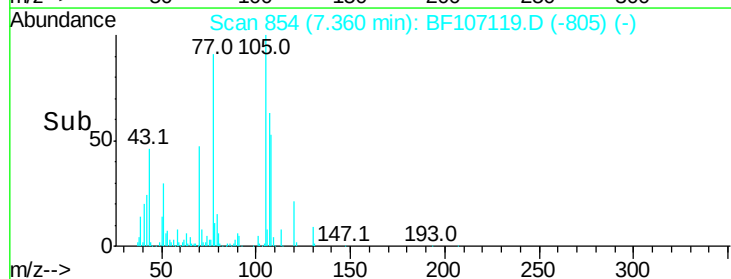
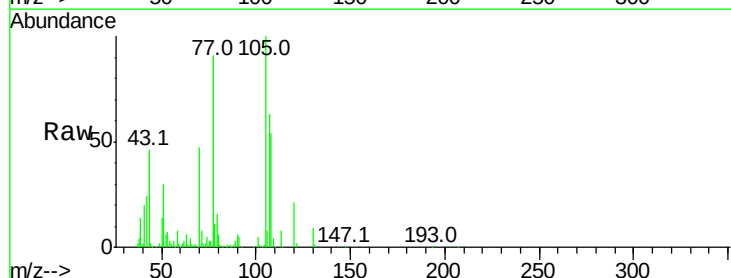
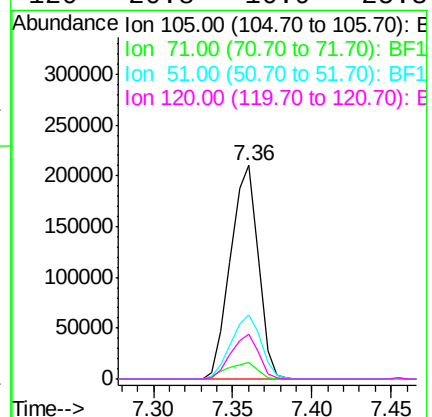
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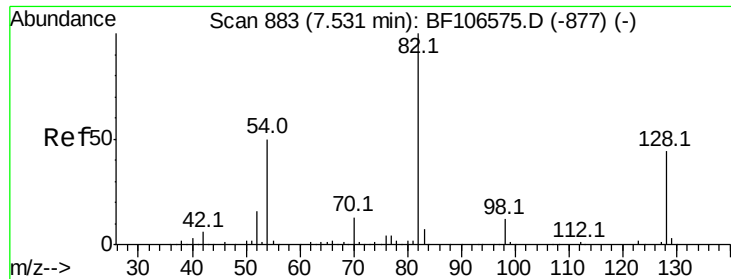
Sohil
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#22
Acetophenone
Concen: 37.008 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	4.4	6.6#	
51	30.2	22.3	33.5	
120	20.8	16.9	25.3	





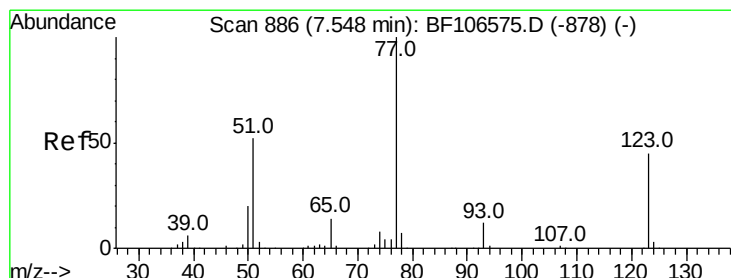
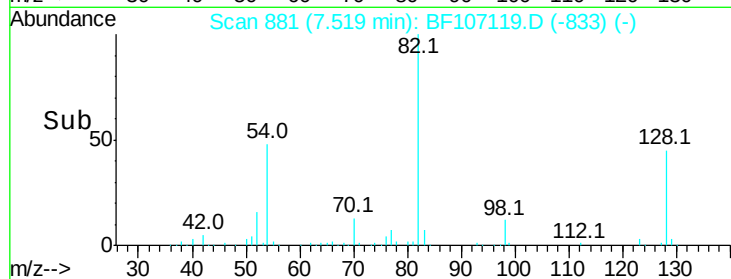
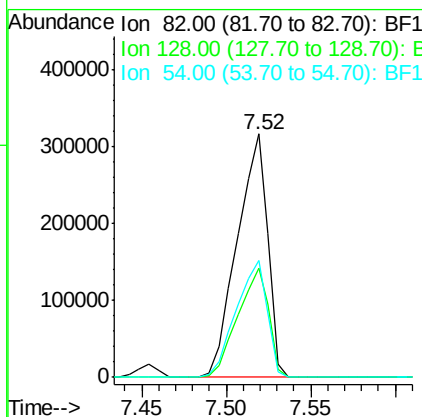
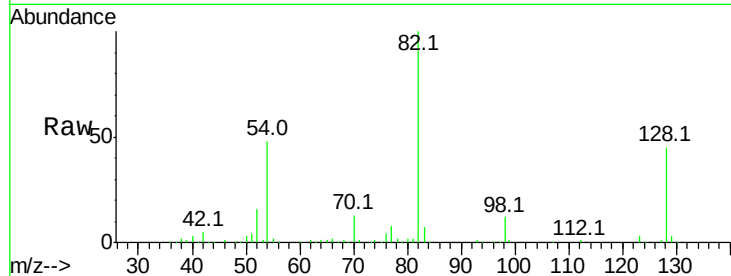
#23
Nitrobenzene-d5
Concen: 71.389 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	48.3	41.4	62.2

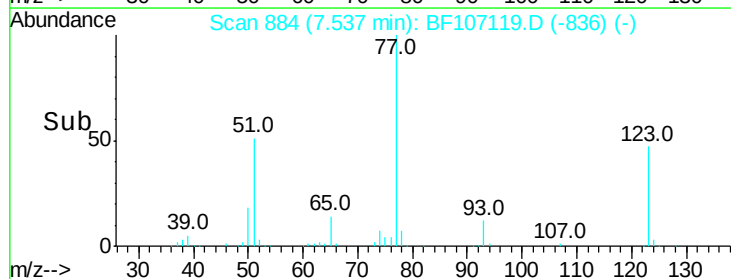
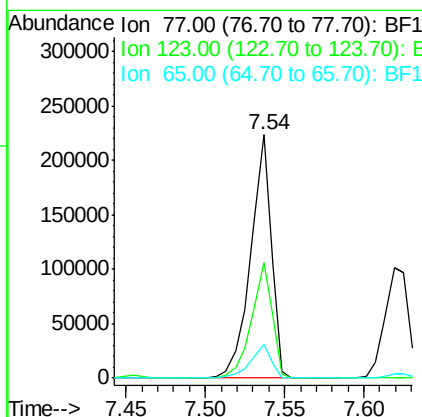
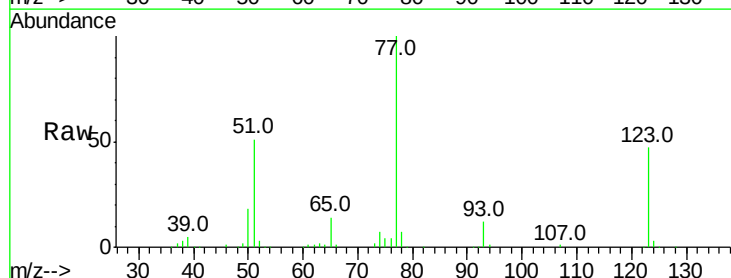
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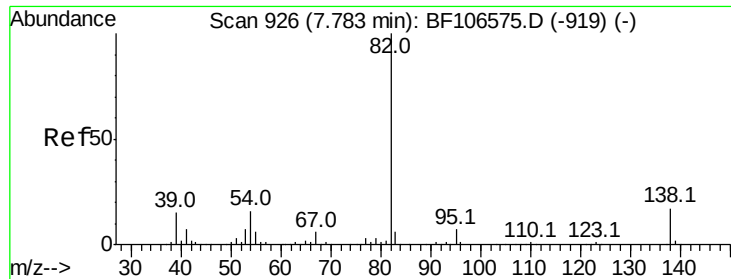
Sohil
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#24
Nitrobenzene
Concen: 35.484 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 38.834 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

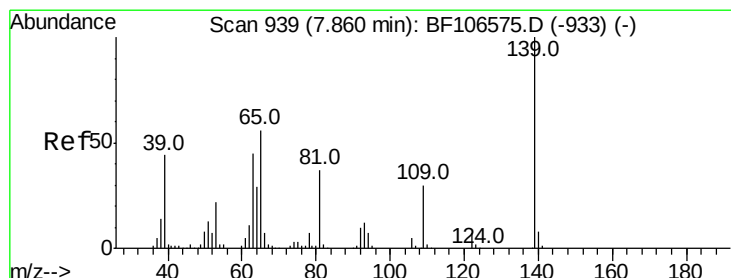
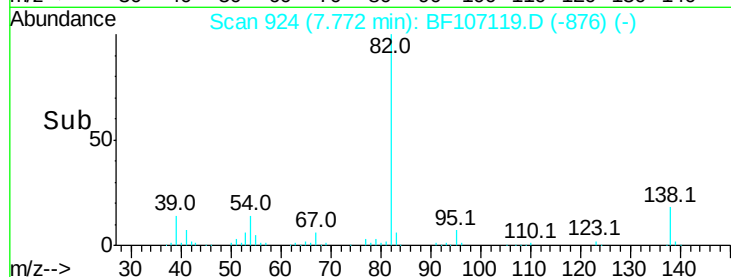
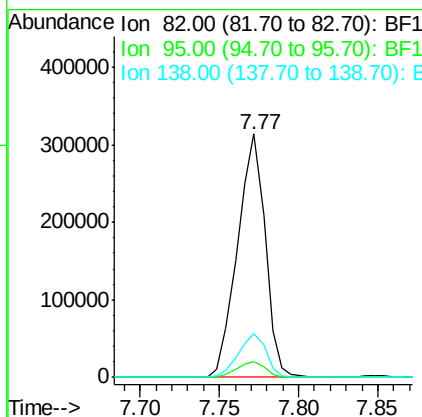
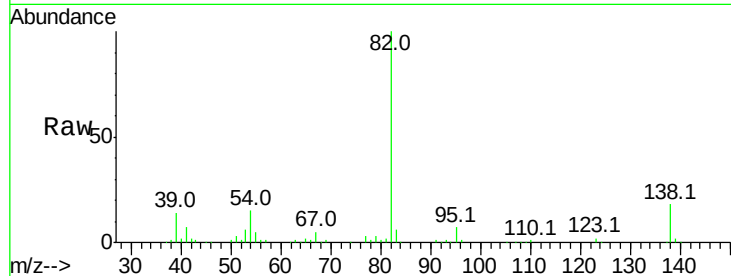
ClientSampleId :

PB110604BS

Tot Ion:	82	Resp:	381673
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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7/6/2018 8:44:55 AM



#26

2-Nitrophenol

Concen: 40.565 ng

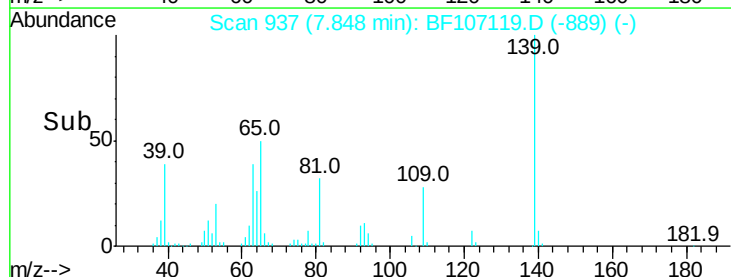
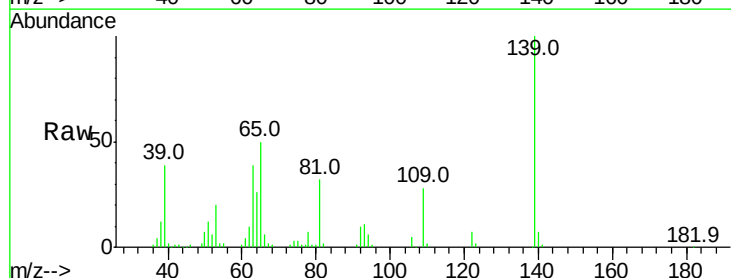
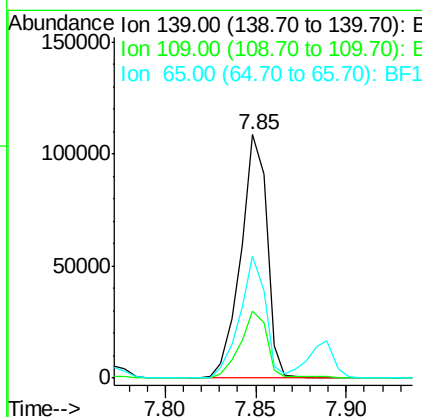
RT: 7.85 min Scan# 937

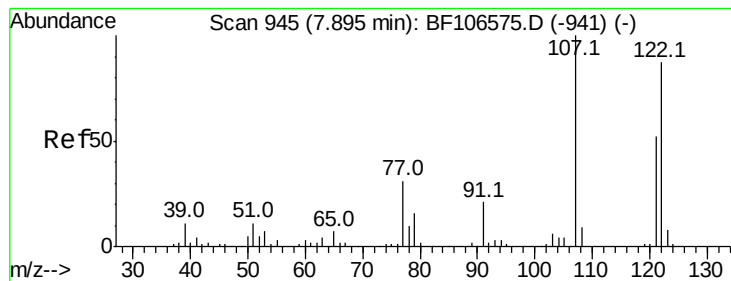
Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:	139	Resp:	109046
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.7	34.1
65	50.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 42.872 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

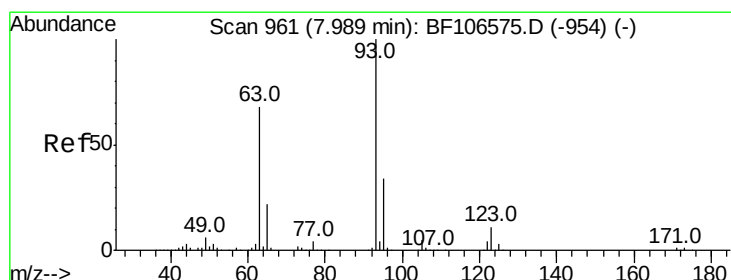
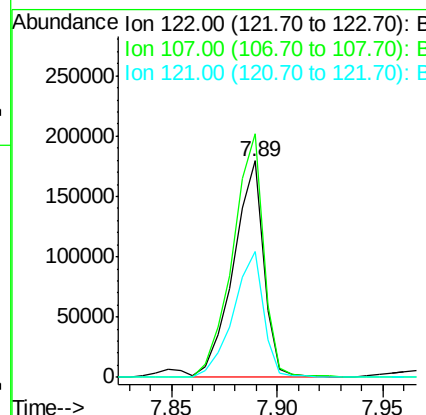
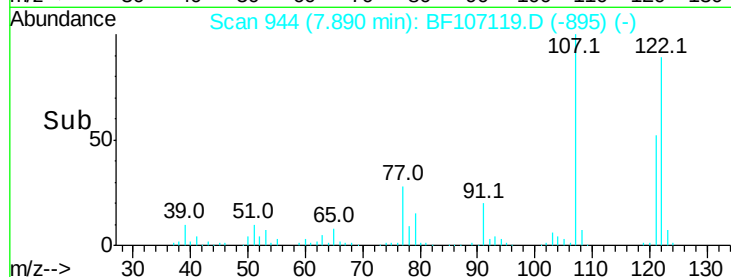
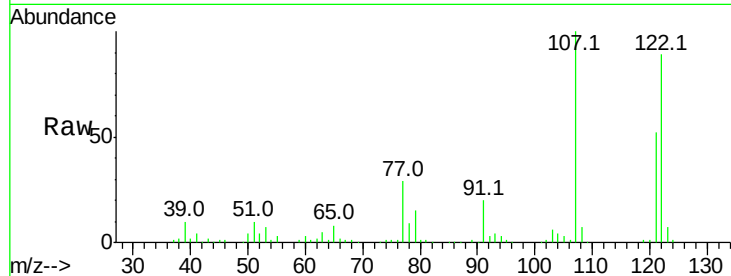
ClientSampleId :

PB110604BS

Tot Ion:	122	Resp:	178132
Ion Ratio	Lower	Upper	
122	100		
107	112.4	91.2	136.8
121	58.3	47.2	70.8

Manual Integrations
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Sohil
7/6/2018 8:44:55 AM



#28

bis(2-Chloroethoxy)methane

Concen: 36.348 ng

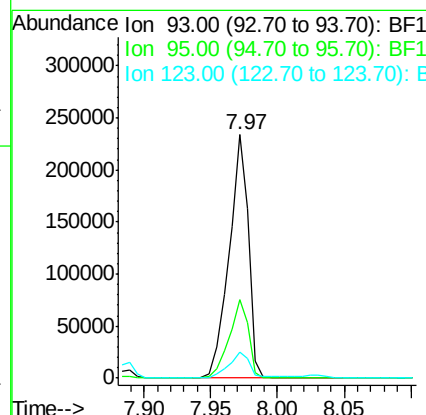
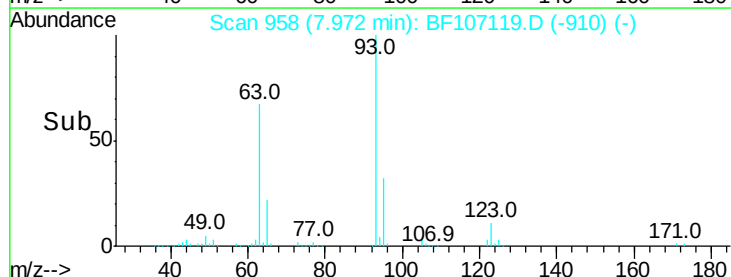
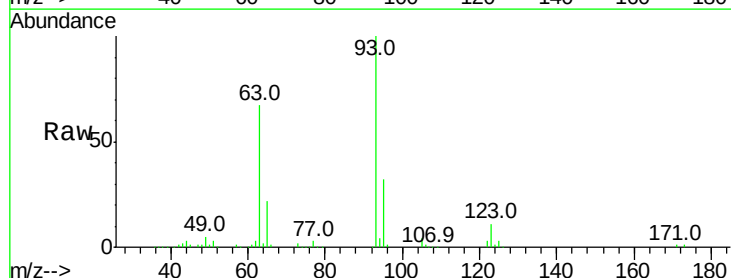
RT: 7.97 min Scan# 958

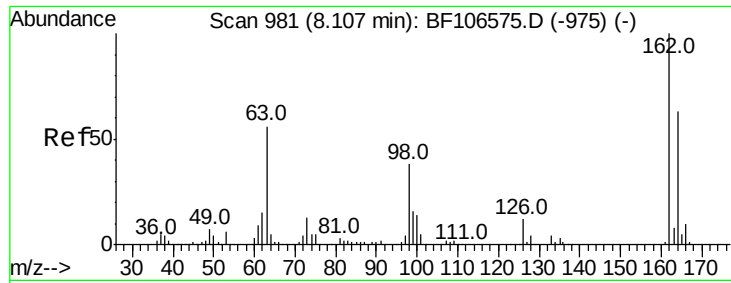
Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:	93	Resp:	239860
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	10.6	9.8	14.6





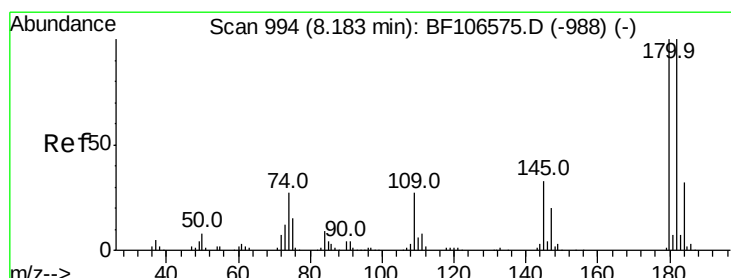
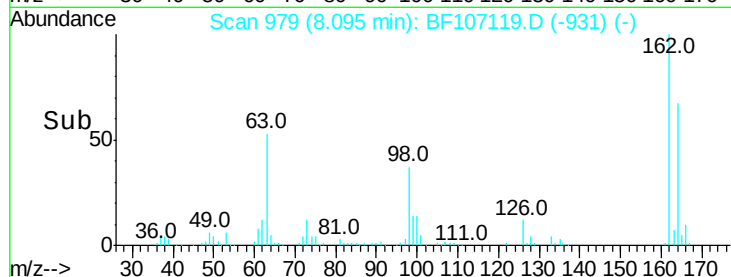
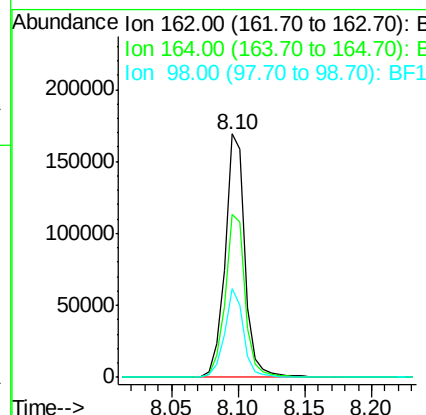
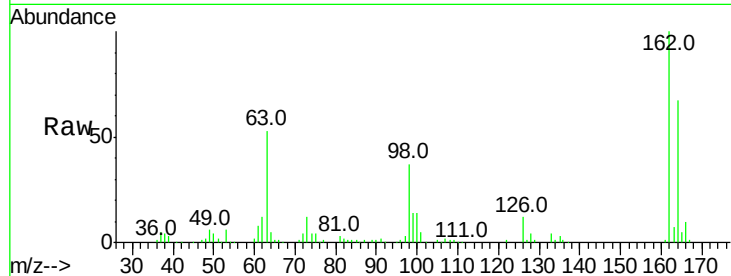
#29
2,4-Dichlorophenol
Concen: 41.045 ng
RT: 8.10 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	178546		
164	66.7	42.7	82.7	
98	36.7	18.1	58.1	

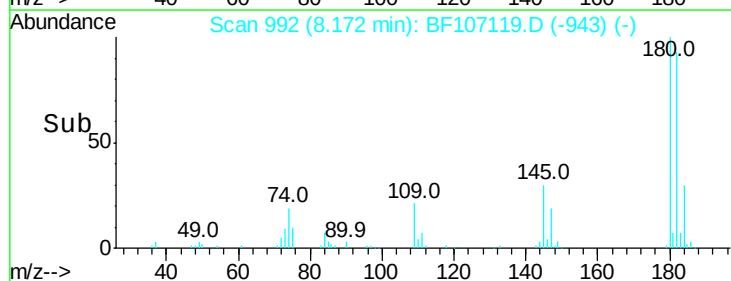
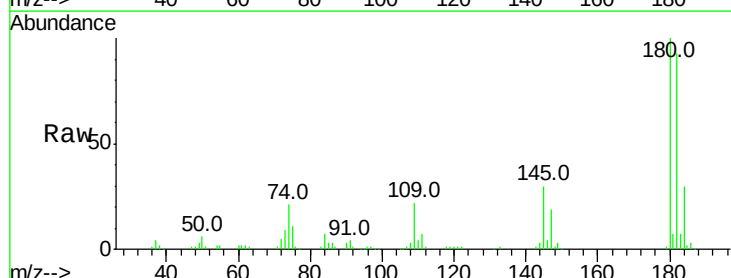
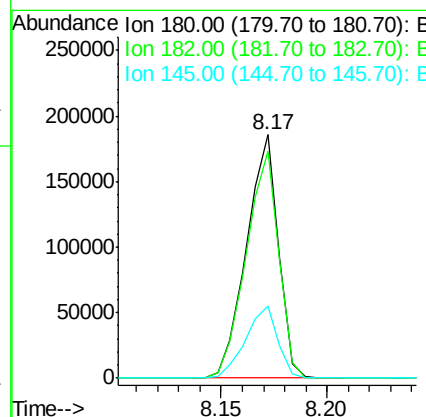
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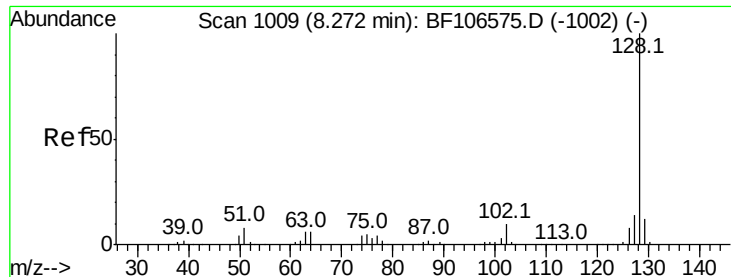
Sohil
7/6/2018 8:44:55 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.409 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193639		
182	93.1	76.8	115.2	
145	29.6	26.5	39.7	





#31

Naphthalene

Concen: 37.589 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

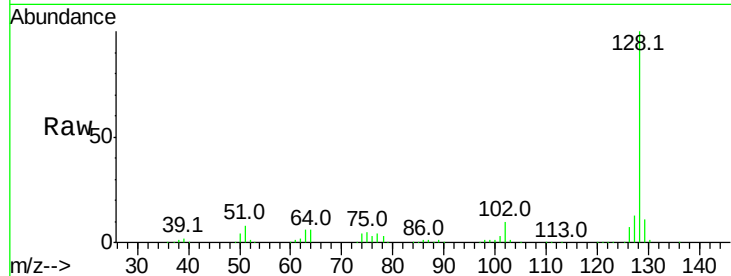
ClientSampleId :

PB110604BS

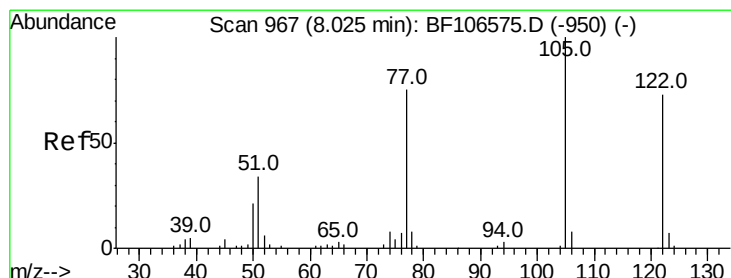
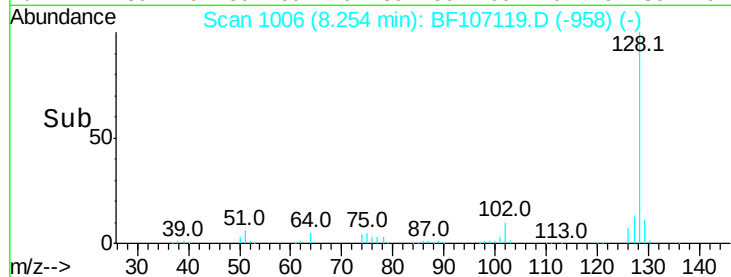
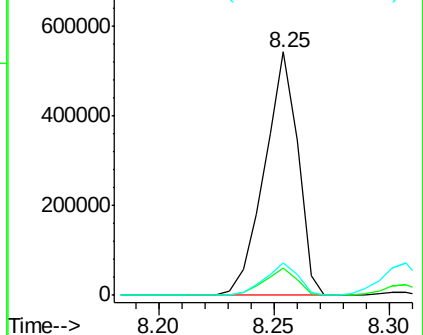
Tot Ion:	128	Resp:	544726
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

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



#32

Benzoic acid

Concen: 31.626 ng

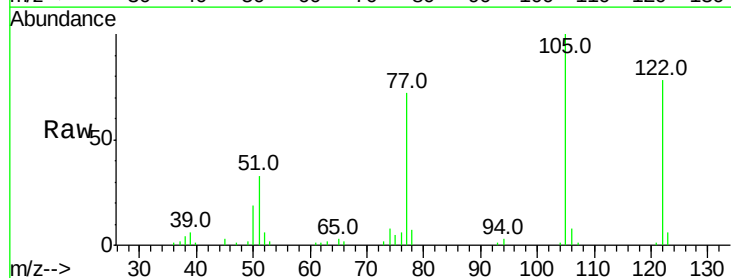
RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

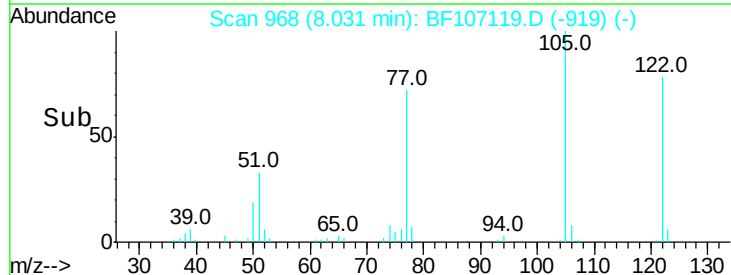
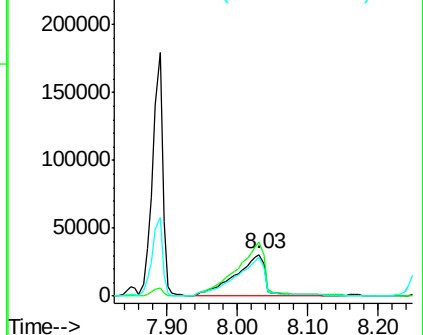
Lab File: BF107119.D

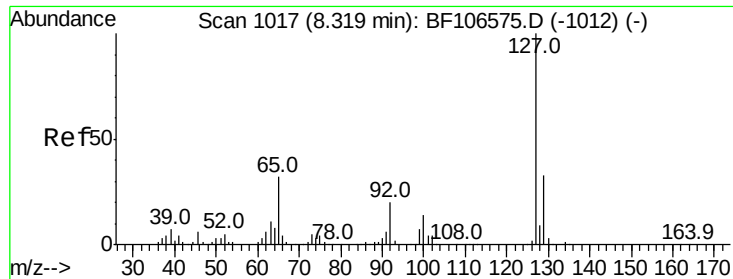
Acq: 5 Jul 2018 11:46

Tgt Ion:	122	Resp:	88874
Ion Ratio	Lower	Upper	
122	100		
105	128.8	101.1	141.1
77	92.9	70.7	110.7



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





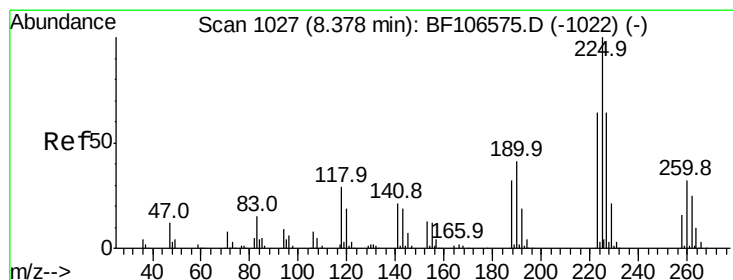
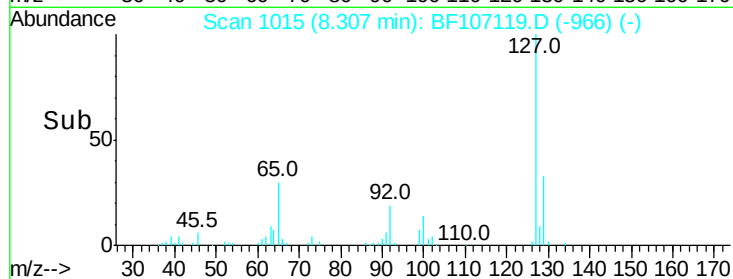
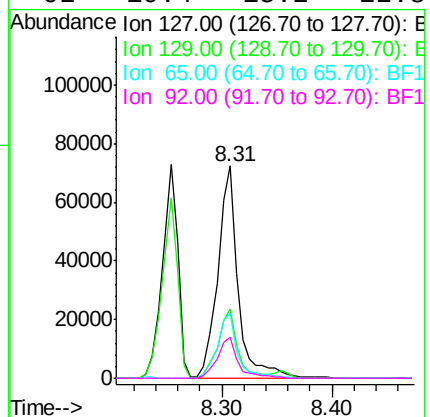
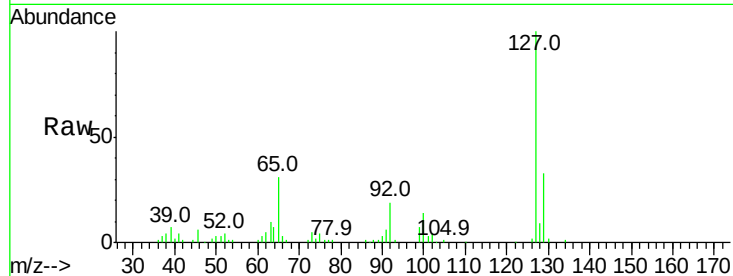
#33
4-Chloroaniline
Concen: 15.263 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampled :
PB110604BS

Tot Ion:	127	Resp:	92809
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.9	38.9
65	30.9	25.0	37.4
92	19.4	15.2	22.8

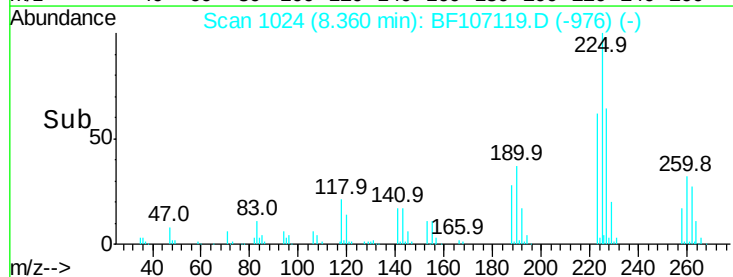
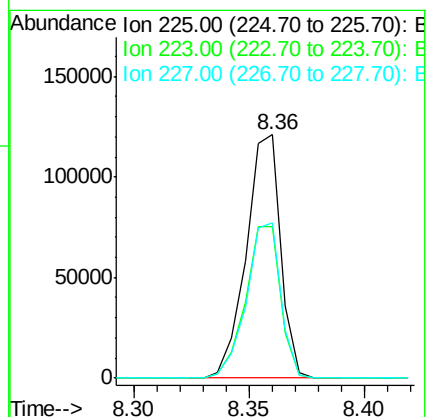
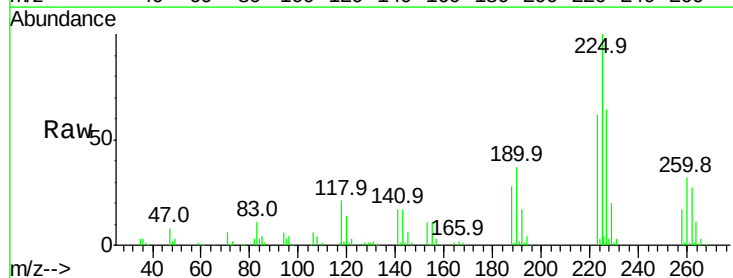
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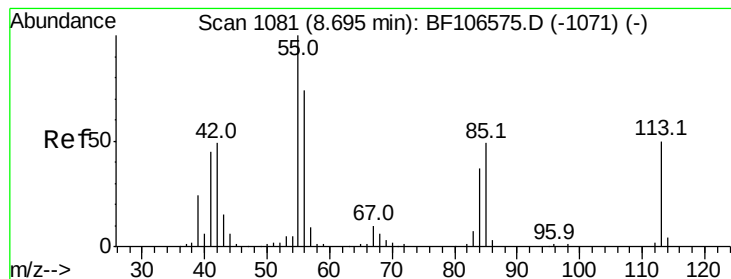
Sohil
7/6/2018 8:44:55 AM



#34
Hexachlorobutadiene
Concen: 40.358 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion:	225	Resp:	126015
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.6	76.0
227	63.8	51.9	77.9





#35

Caprolactam

Concen: 40.819 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampled :

PB110604BS

Tot Ion:113 Resp: 57880

Ion Ratio Lower Upper

113 100

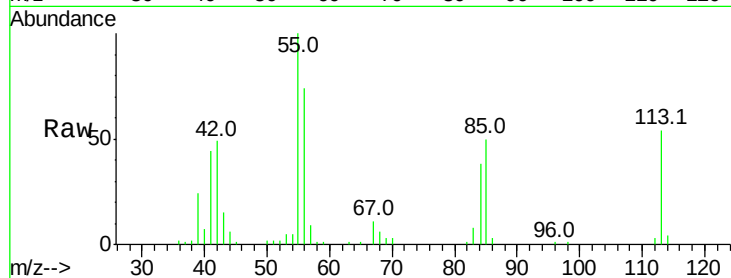
55 183.5 163.3 203.3

56 136.0 115.7 155.7

Manual Integrations
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Sohil

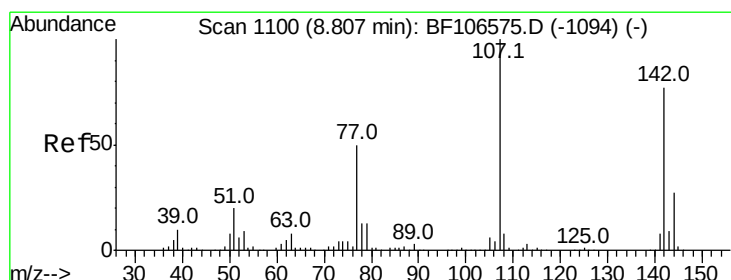
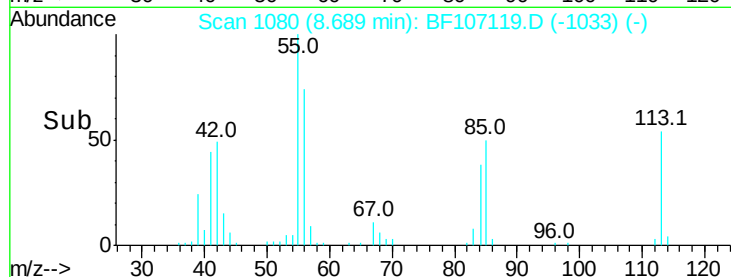
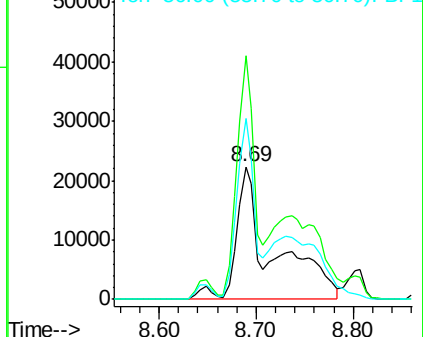
7/6/2018 8:44:55 AM



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: 40.272 ng/mL

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

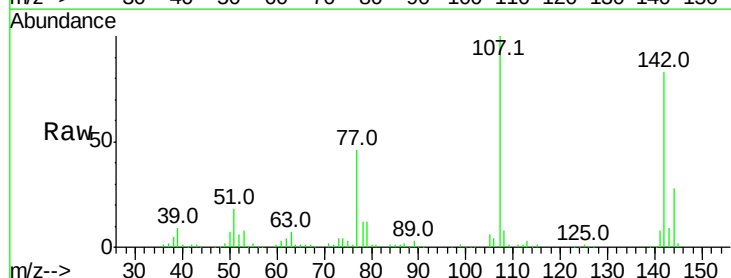
Tgt Ion:107 Resp: 184393

Ion Ratio Lower Upper

107 100

144 27.9 20.5 30.7

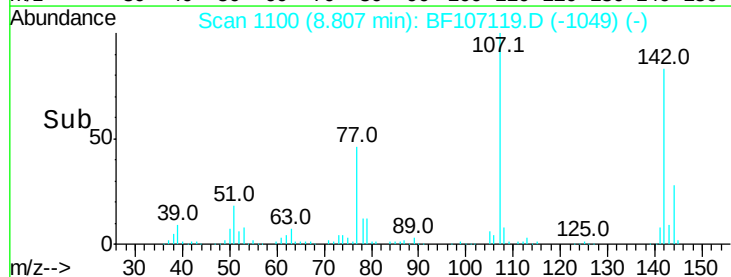
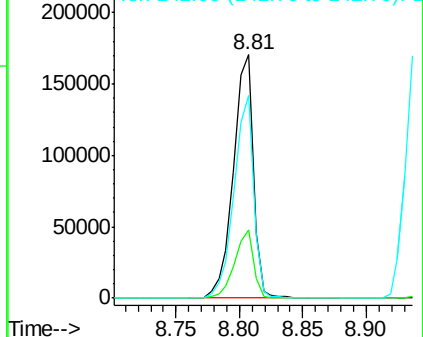
142 83.4 62.0 93.0

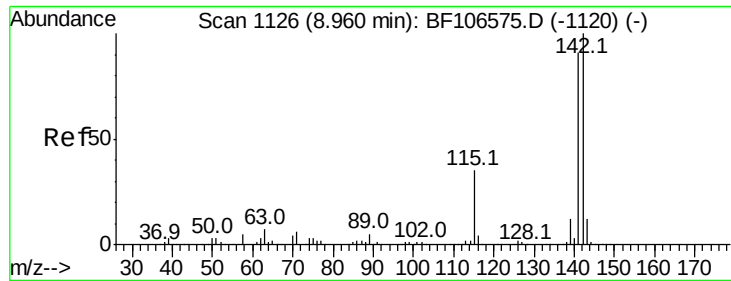


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





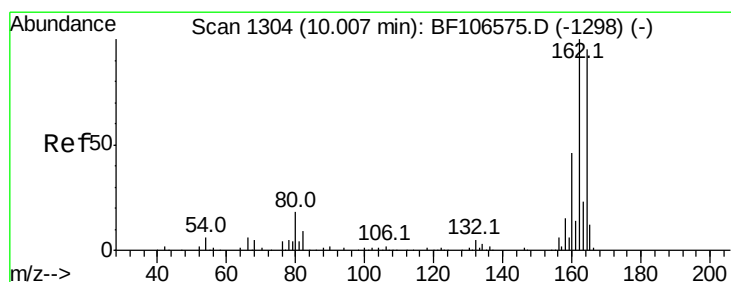
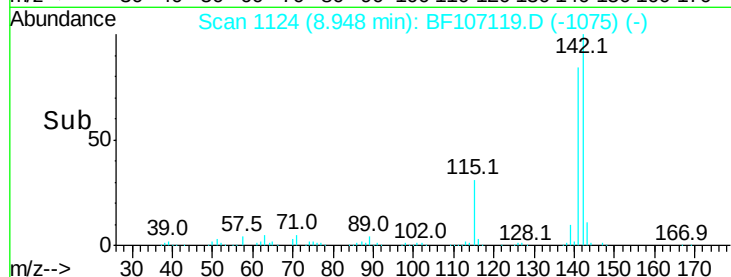
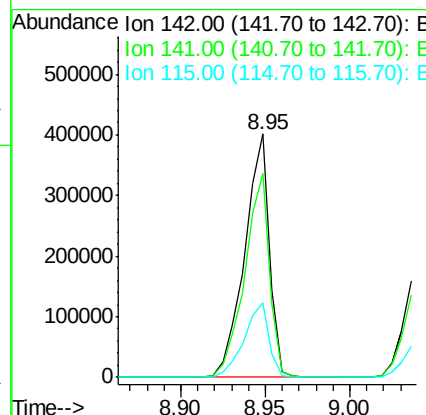
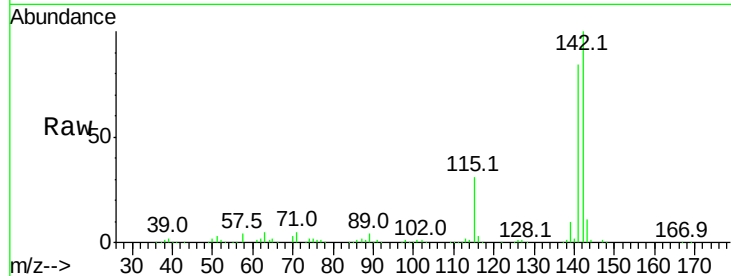
#37
2-Methylnaphthalene
Concen: 42.833 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.6	70.8	106.2
115	30.8	26.1	39.1

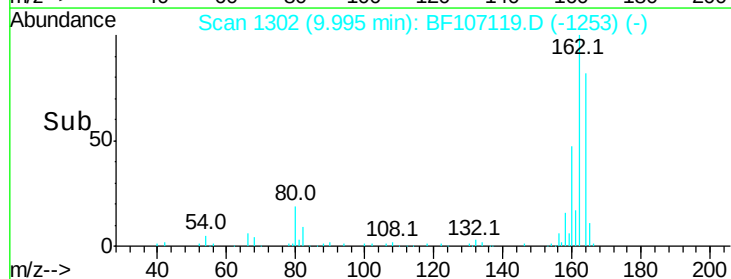
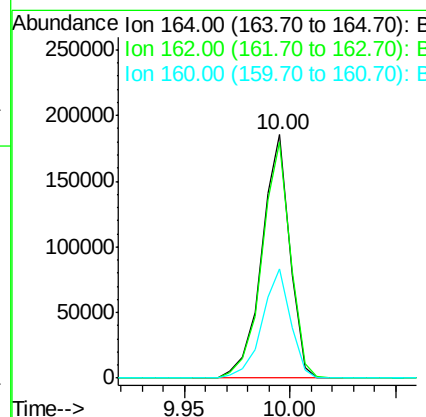
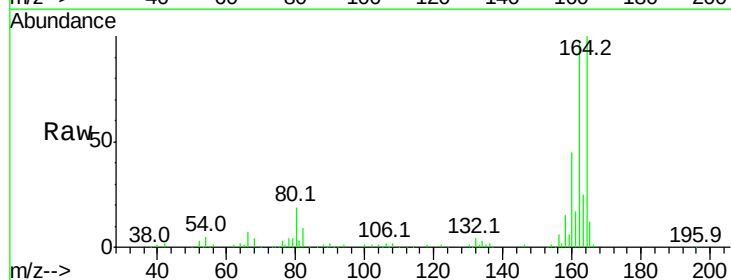
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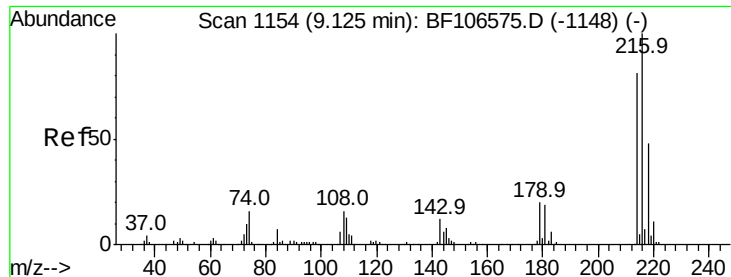
Sohil
7/6/2018 8:44:55 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	86.1	129.1
160	44.8	38.3	57.5





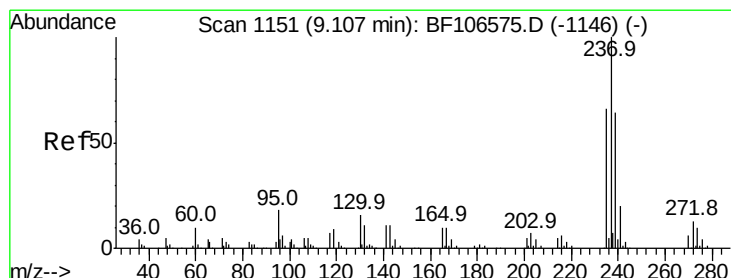
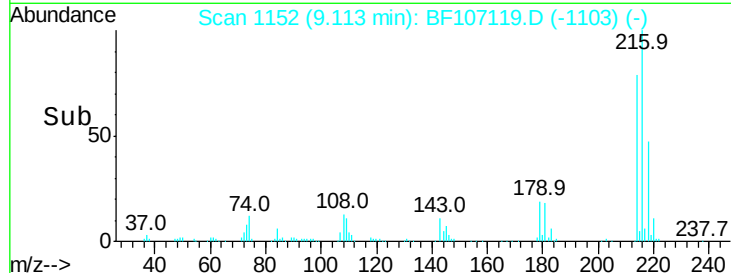
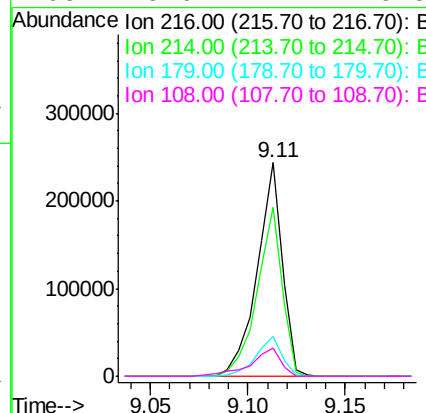
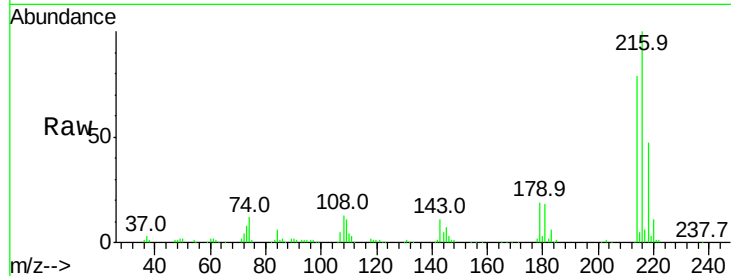
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.702 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	63.0	94.4
179	19.2	18.1	27.1
108	15.6	17.2	25.8

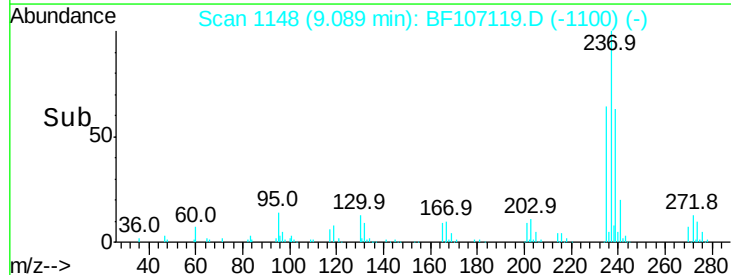
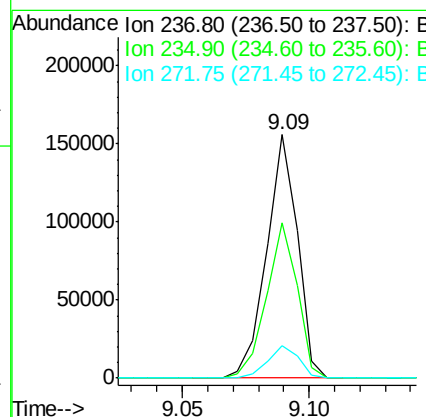
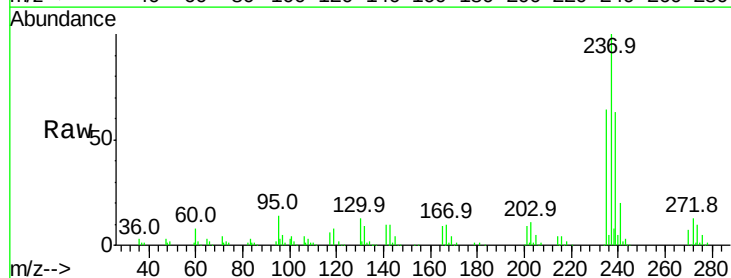
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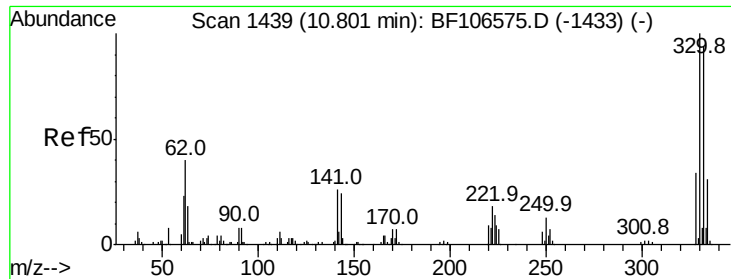
Sohil
 7/6/2018 8:44:55 AM



#40
 Hexachlorocyclopentadiene
 Concen: 44.986 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	44.8	84.8
272	13.1	0.0	33.3





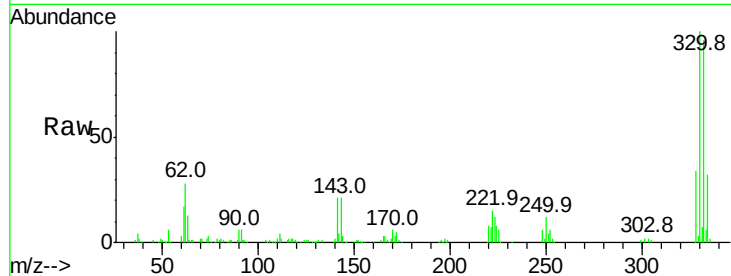
#41
 2,4,6-Tribromophenol
 Concen: 116.541 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	230714		
332	95.3	77.0	115.6	
141	21.3	29.9	44.9	

Manual Integrations
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Sohil
 7/6/2018 8:44:55 AM

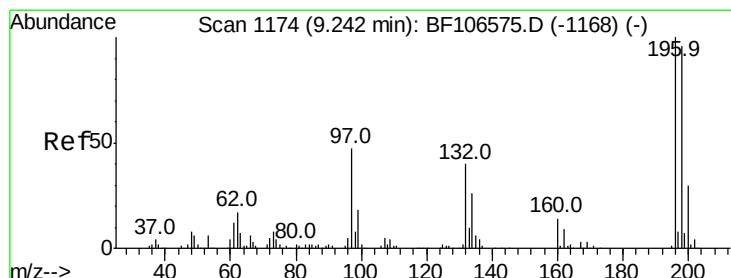
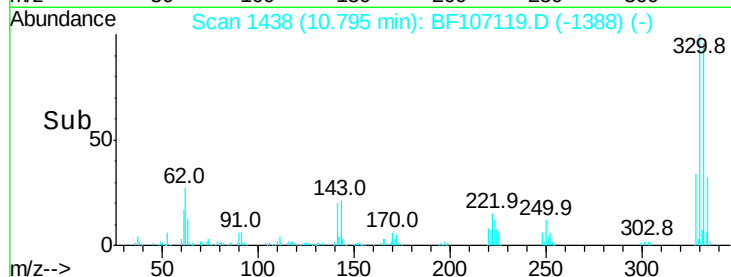
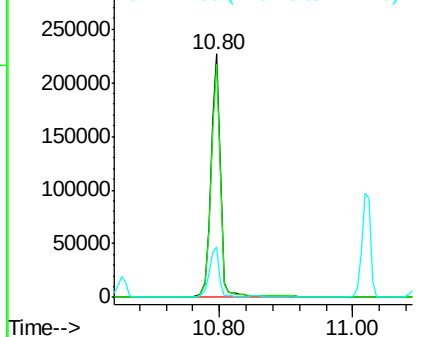


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 32.925 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

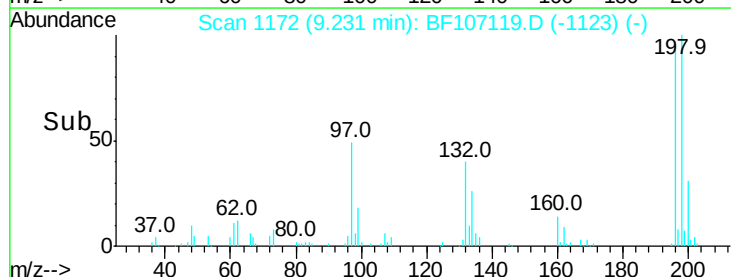
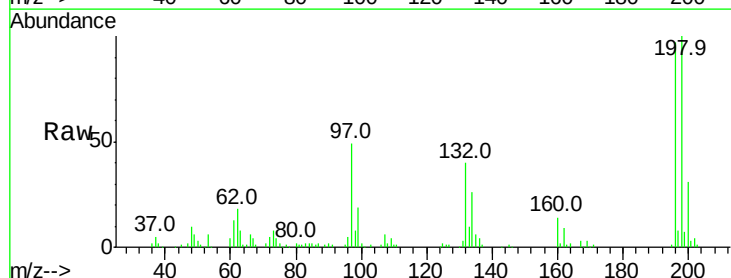
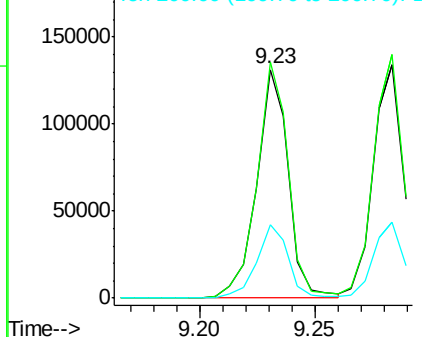
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125891		
198	103.3	75.7	113.5	
200	32.2	24.5	36.7	

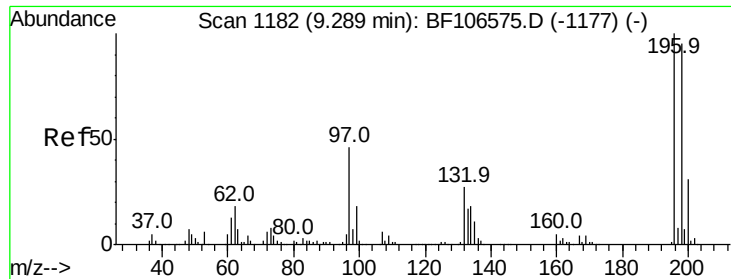
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





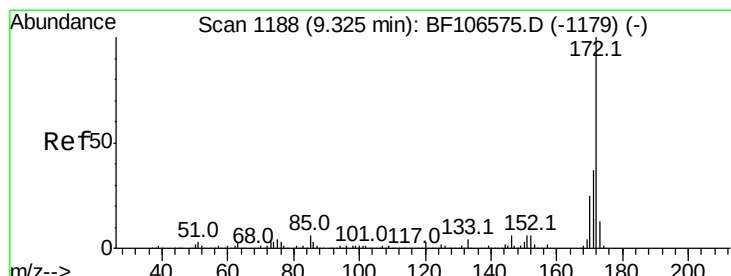
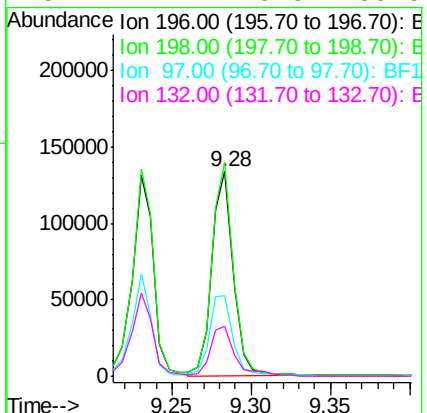
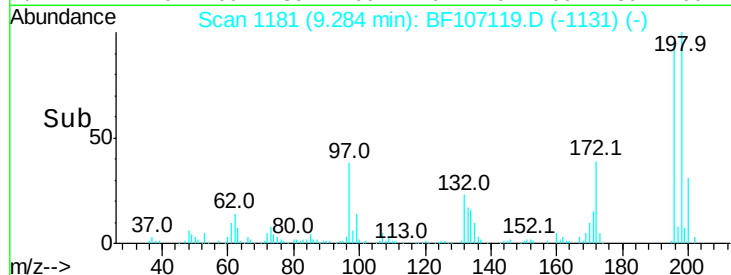
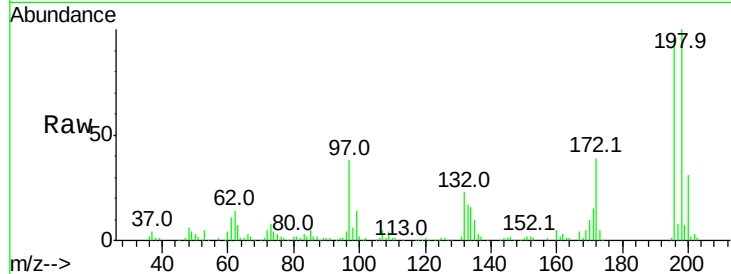
#43
 2,4,5-Trichlorophenol
 Concen: 31.649 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	196	Resp	126272
Ion Ratio	Lower	Upper	
196	100		
198	104.3	74.6	112.0
97	39.6	42.9	64.3#
132	24.4	26.3	39.5#

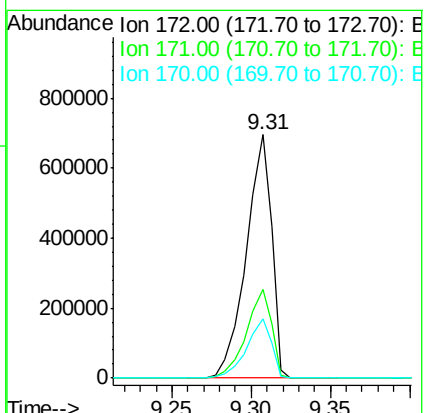
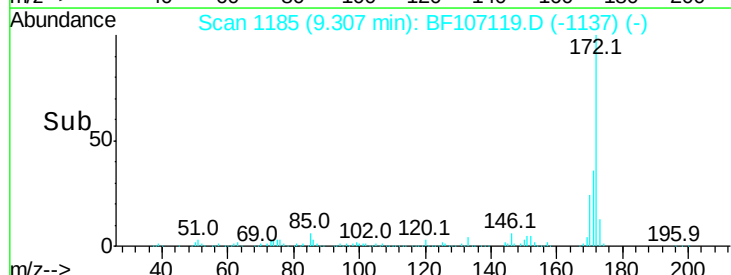
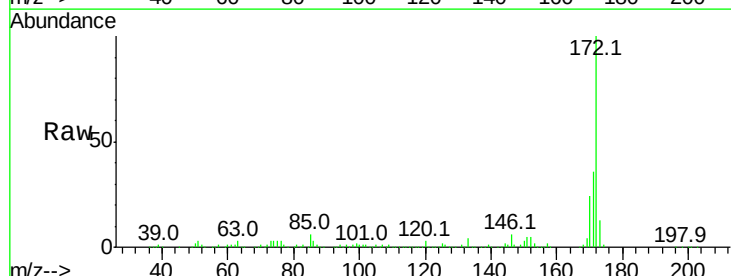
Manual Integrations
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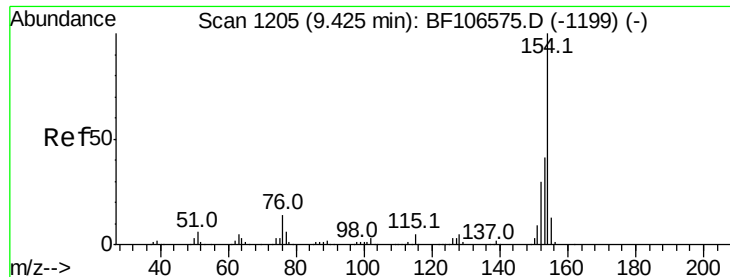
Sohil
 7/6/2018 8:44:55 AM



#44
 2-Fluorobiphenyl
 Concen: 74.745 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion	172	Resp	772226
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 36.614 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

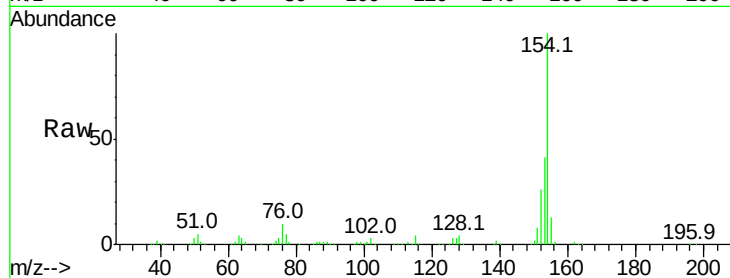
ClientSampleId :

PB110604BS

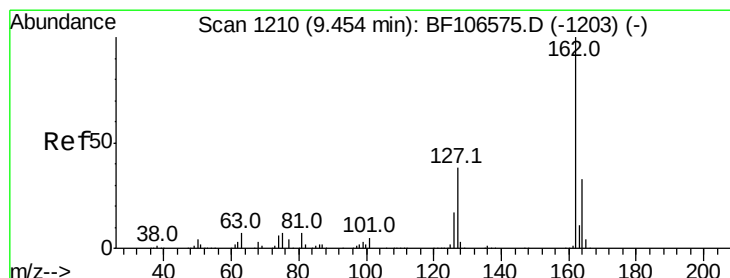
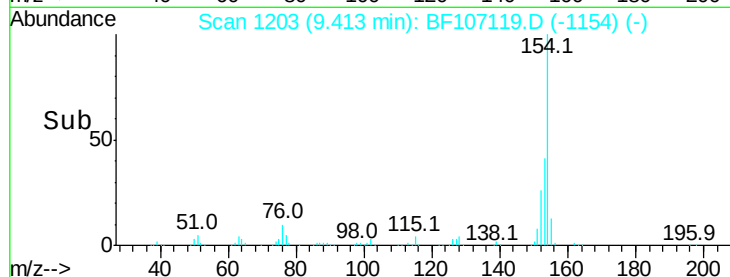
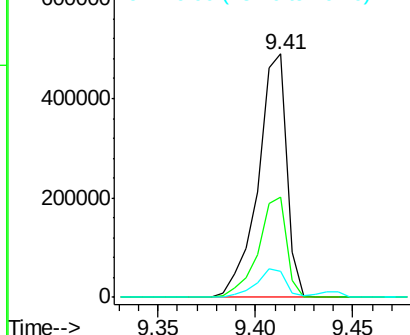
Tot Ion:	154	Resp:	498411
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.3	61.3
76	10.5	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 34.220 ng

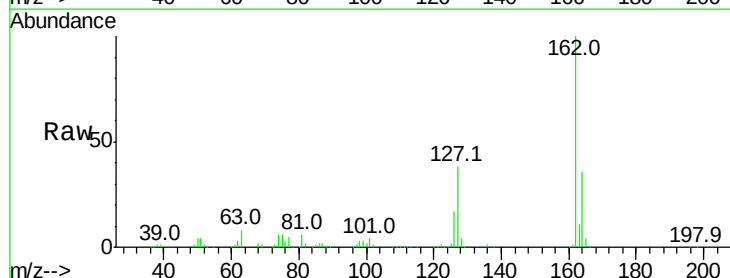
RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

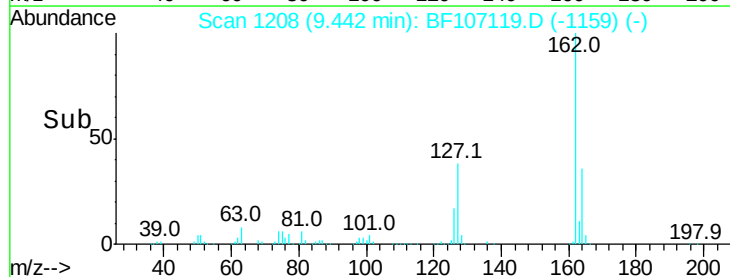
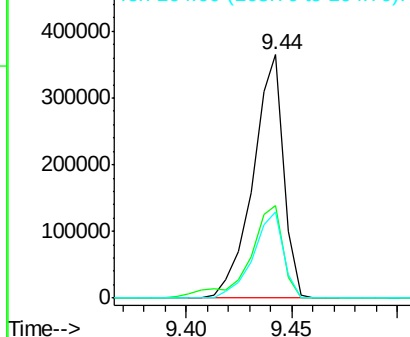
Lab File: BF107119.D

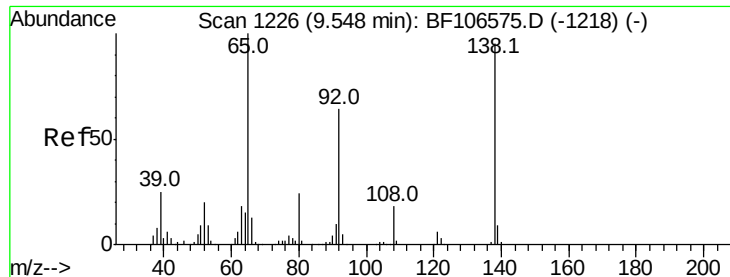
Acq: 5 Jul 2018 11:46

Tgt Ion:	162	Resp:	366662
Ion Ratio	Lower	Upper	
162	100		
127	37.8	33.9	50.9
164	35.5	26.5	39.7



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





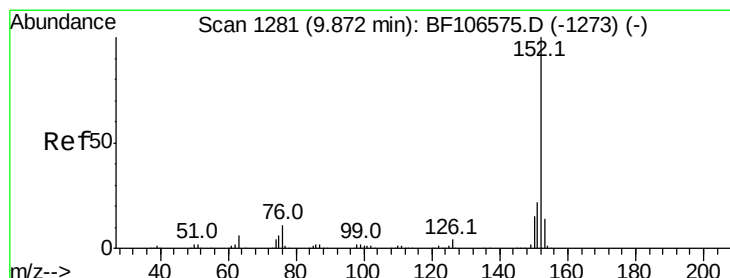
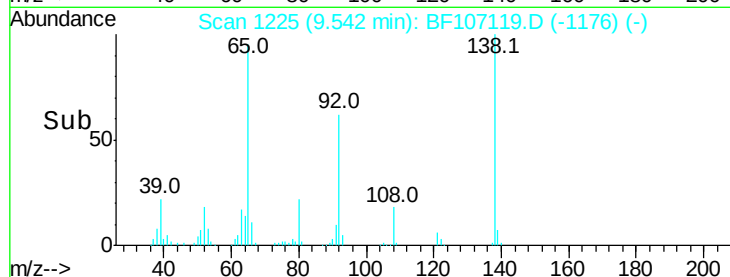
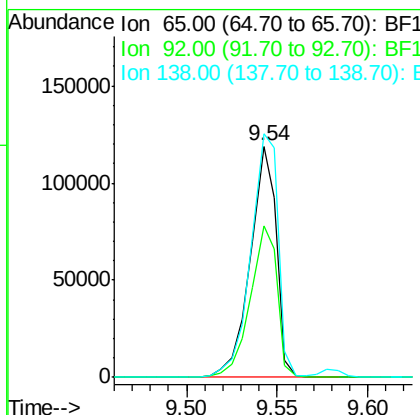
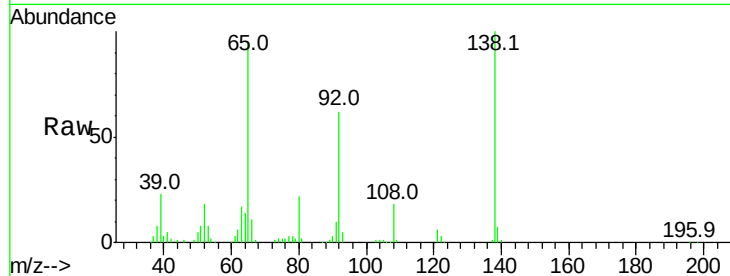
#47
2-Nitroaniline
Concen: 32.864 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	55.8	83.6
138	105.4	91.2	136.8

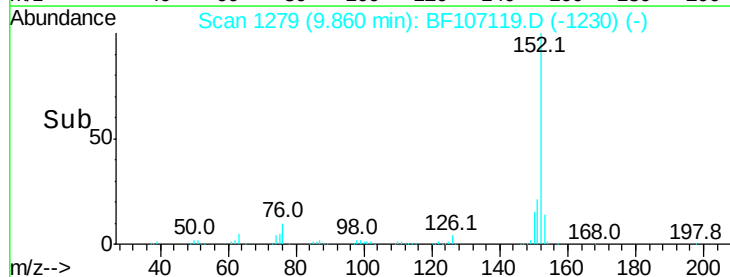
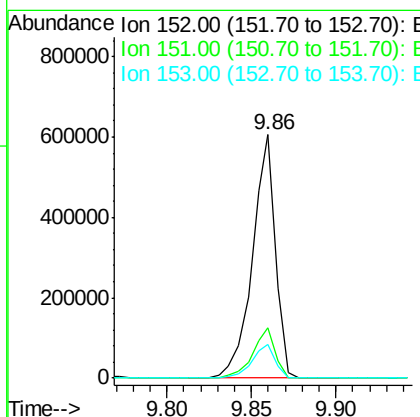
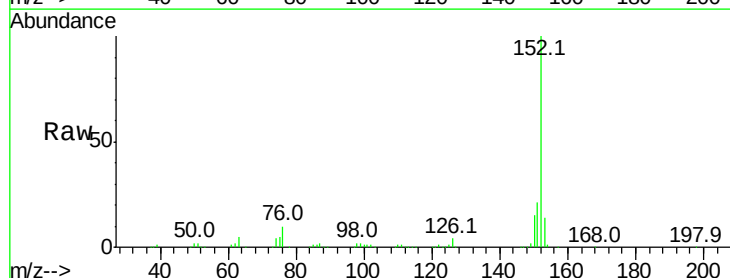
Manual Integrations
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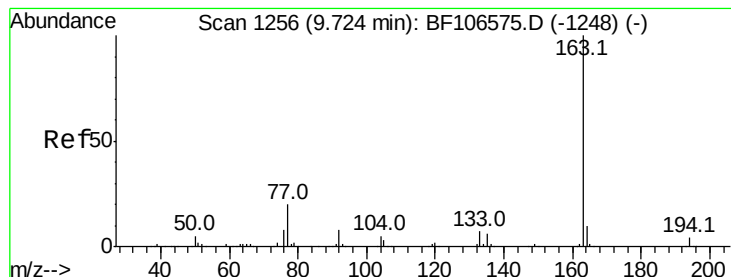
Sohil
7/6/2018 8:44:55 AM



#48
Acenaphthylene
Concen: 33.988 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.0	10.7	16.1





#49

Dimethylphthalate

Concen: 34.778 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

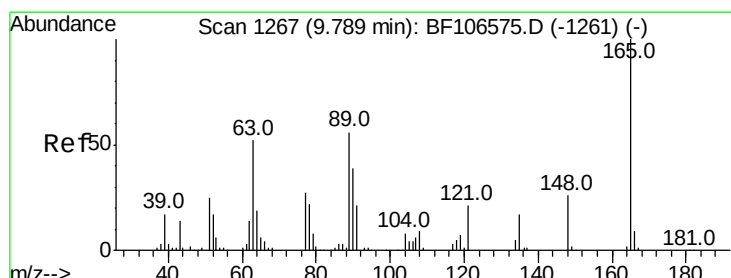
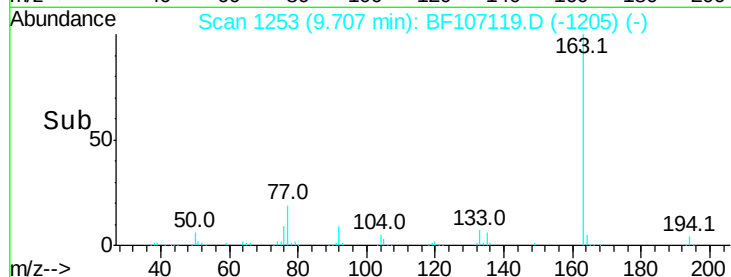
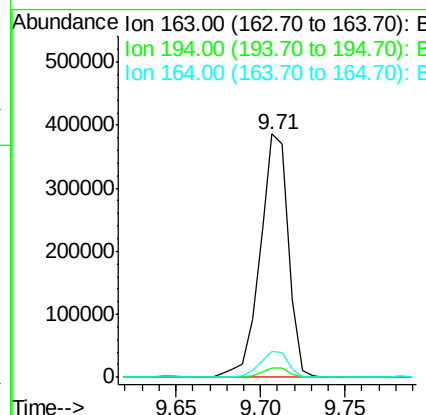
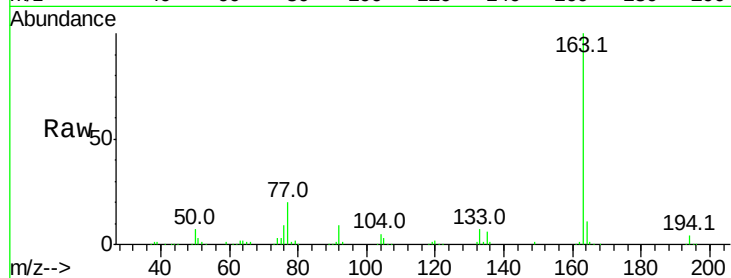
ClientSampled :

PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	445534		
194	3.9	2.7	4.1	
164	10.7	8.2	12.2	

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#50

2,6-Dinitrotoluene

Concen: 38.647 ng

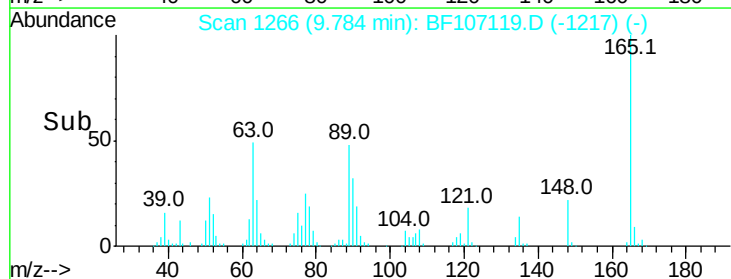
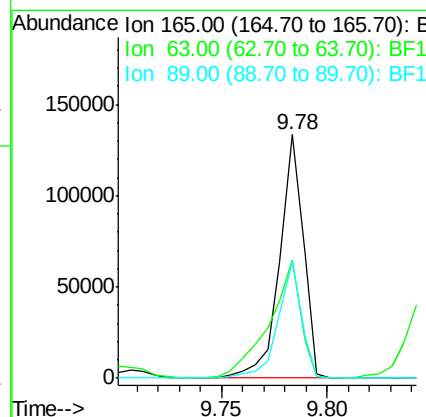
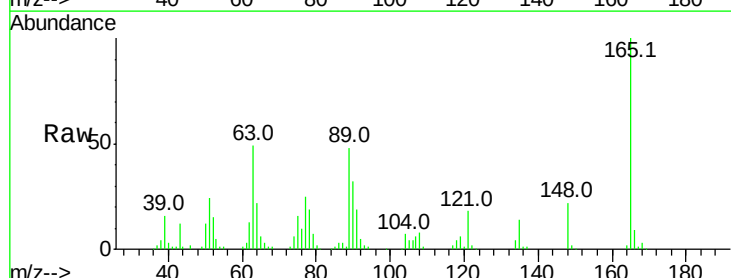
RT: 9.78 min Scan# 1266

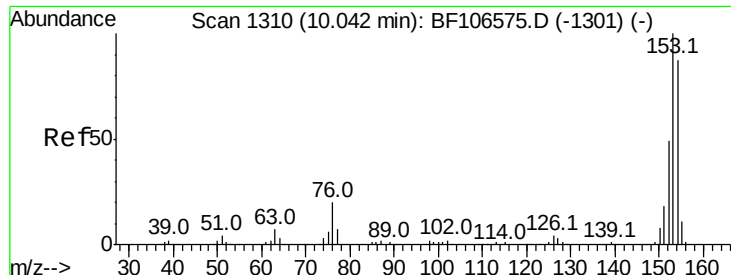
Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104839		
63	48.5	44.7	67.1	
89	47.8	44.0	66.0	





#51

Acenaphthene

Concen: 32.891 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

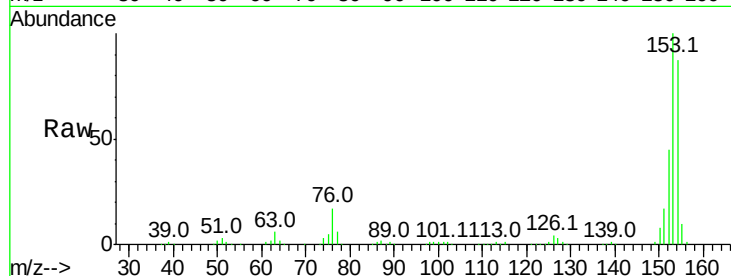
ClientSampleId :

PB110604BS

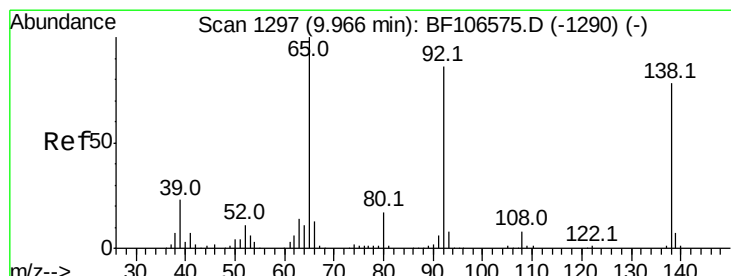
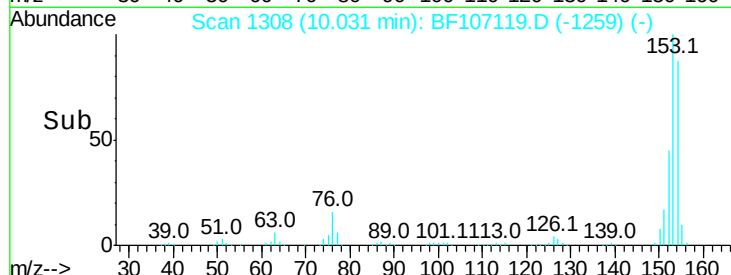
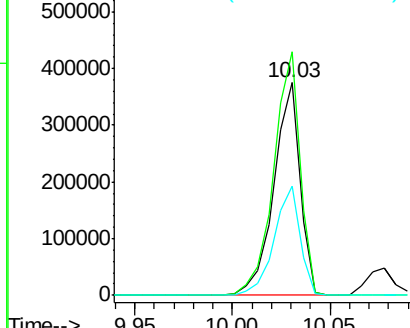
Tot Ion:	154	Resp:	350375
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	51.5	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.426 ng

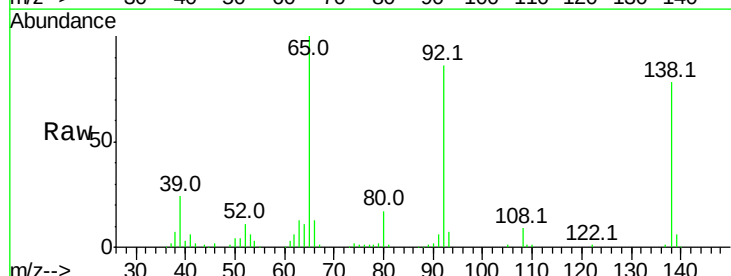
RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

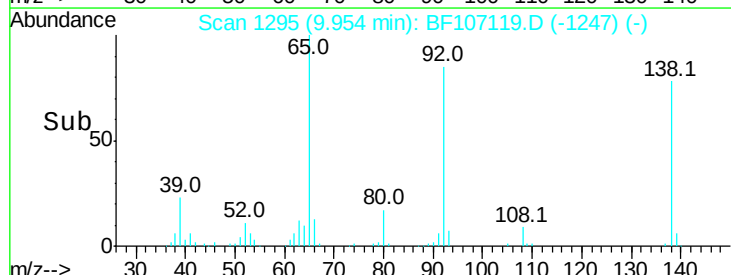
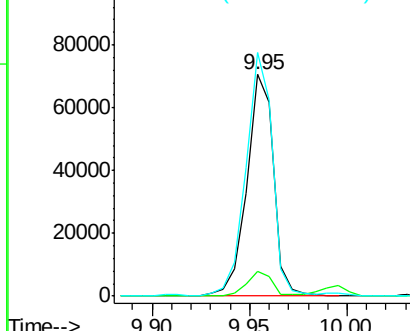
Lab File: BF107119.D

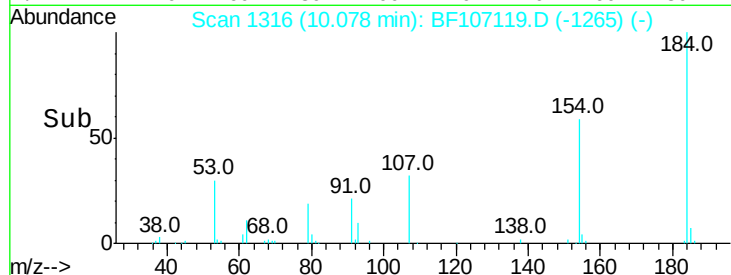
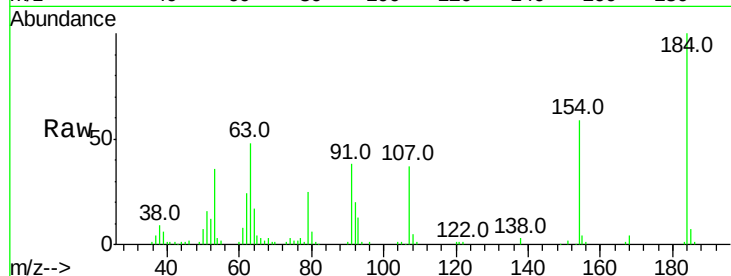
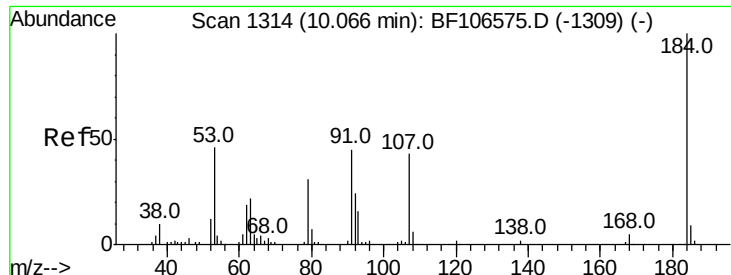
Acq: 5 Jul 2018 11:46

Tgt Ion:	138	Resp:	66882
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.4	14.0
92	110.0	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





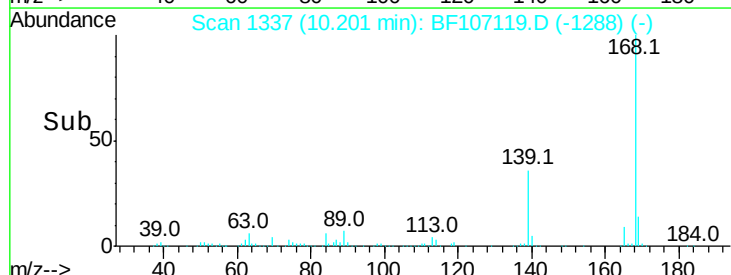
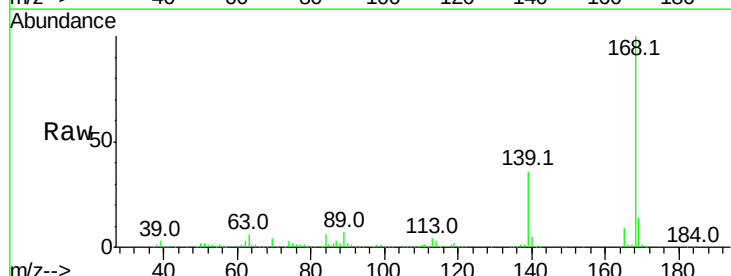
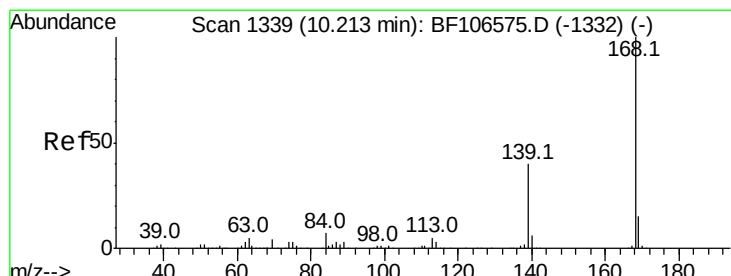
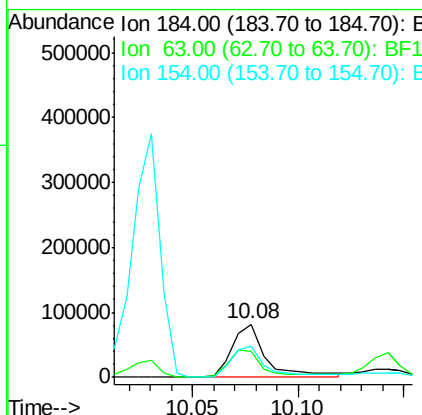
#53
2,4-Dinitrophenol
Concen: 65.449 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	48.4	54.2	81.2#	
154	59.2	184.0	276.0#	

Instrument :
BNA_F
ClientSampleId :
PB110604BS

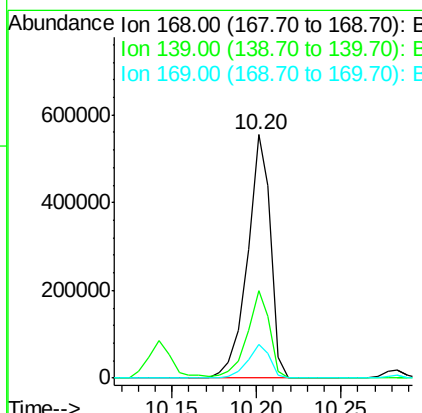
Manual Integrations
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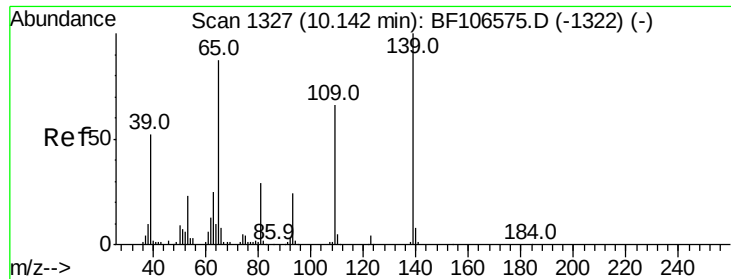
Sohil
7/6/2018 8:44:55 AM



#54
Dibenzofuran
Concen: 36.208 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.8	30.1	45.1	
169	13.9	10.9	16.3	





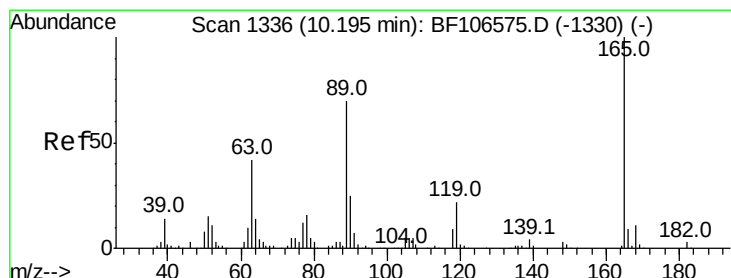
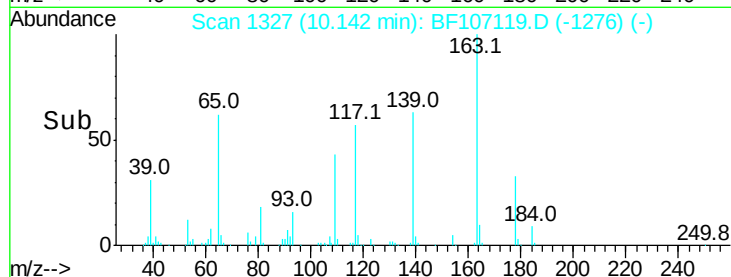
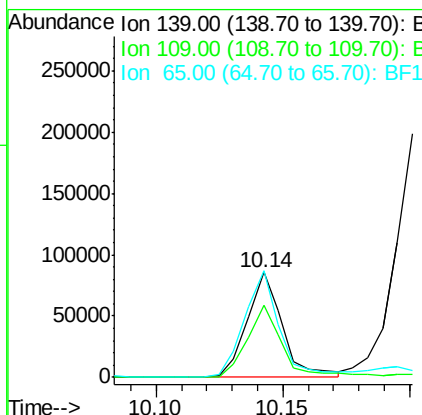
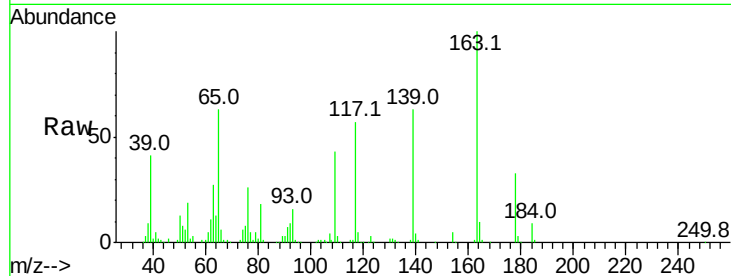
#55
4-Nitrophenol
Concen: 38.105 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampled :
PB110604BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.6	48.4	88.4
65	100.8	72.6	112.6

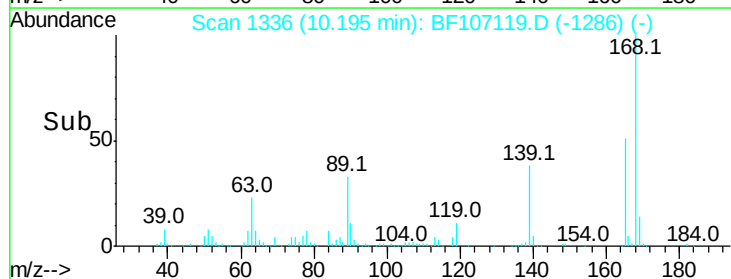
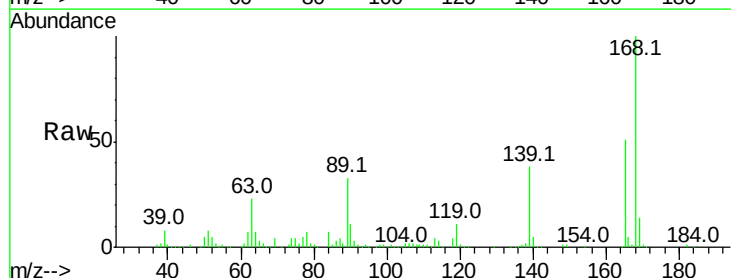
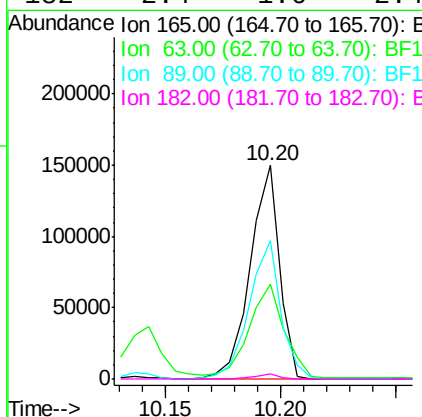
Manual Integrations
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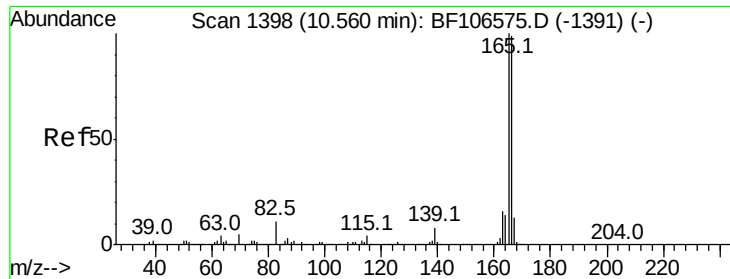
Sohil
7/6/2018 8:44:55 AM



#56
2,4-Dinitrotoluene
Concen: 37.658 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.1	36.4	54.6
89	64.5	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 37.392 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

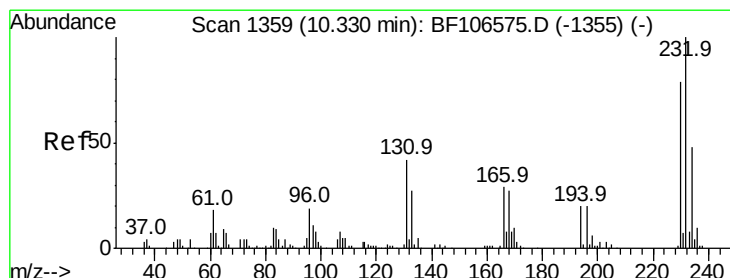
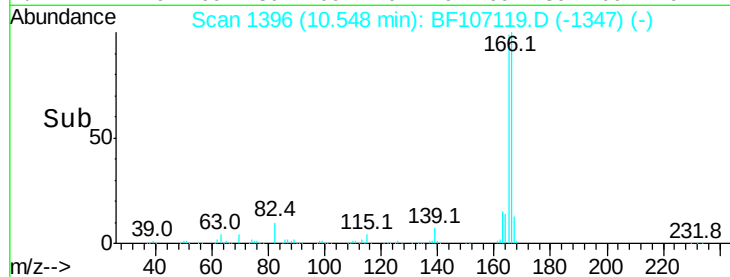
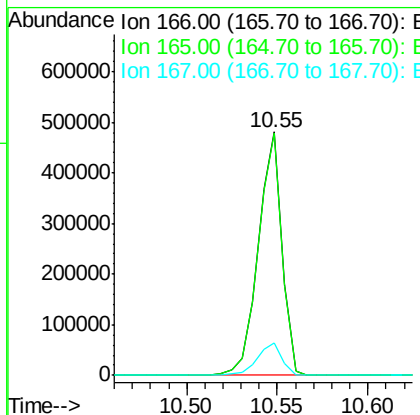
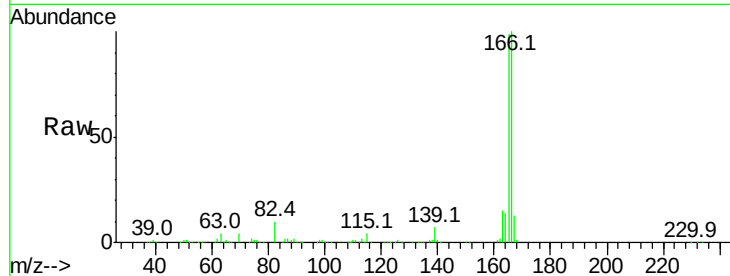
ClientSampleId :

PB110604BS

Tot Ion:	166	Resp:	432810
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	13.2	10.6	16.0

Manual Integrations
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Sohil
7/6/2018 8:44:55 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.073 ng

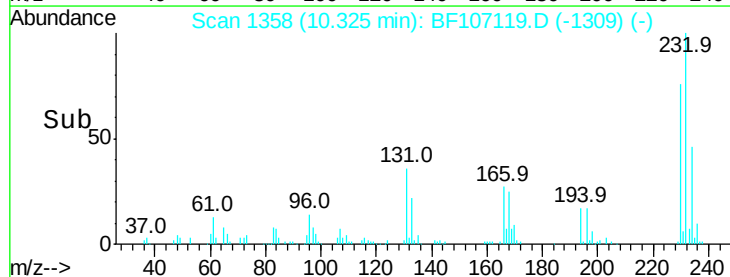
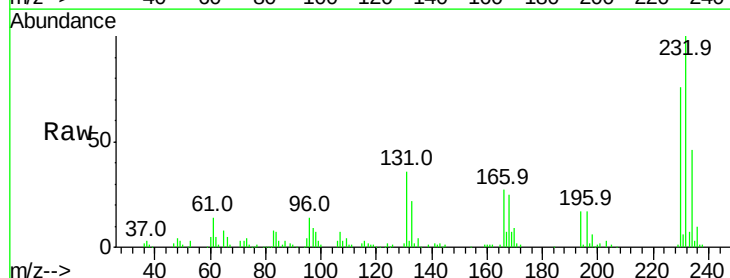
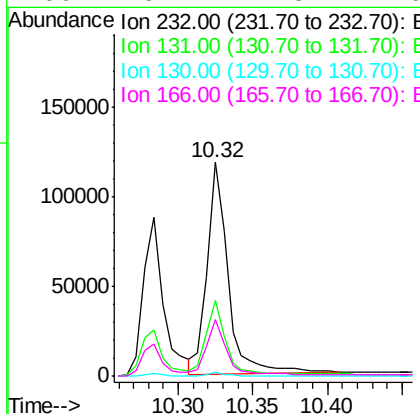
RT: 10.32 min Scan# 1358

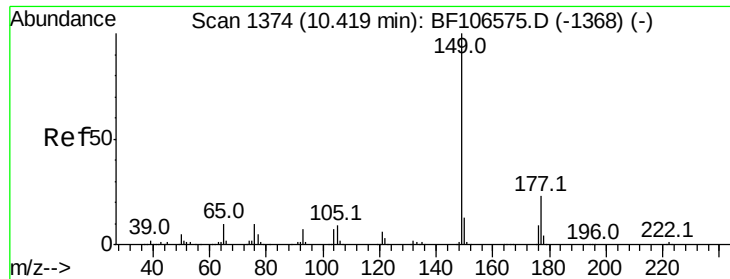
Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:	232	Resp:	114408
Ion Ratio	Lower	Upper	
232	100		
131	33.3	43.8	65.8#
130	1.4	2.1	3.1#
166	25.4	27.8	41.6#





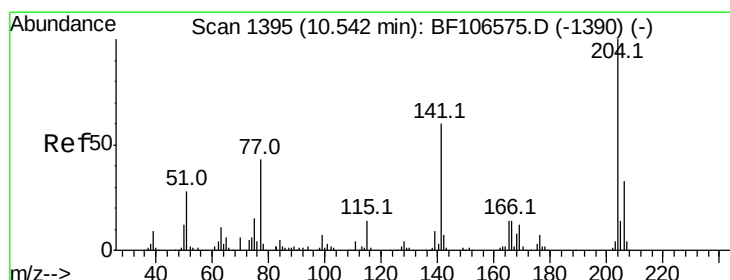
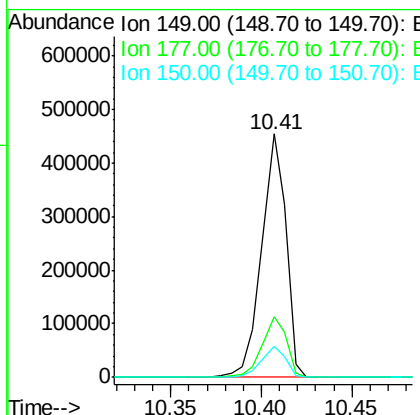
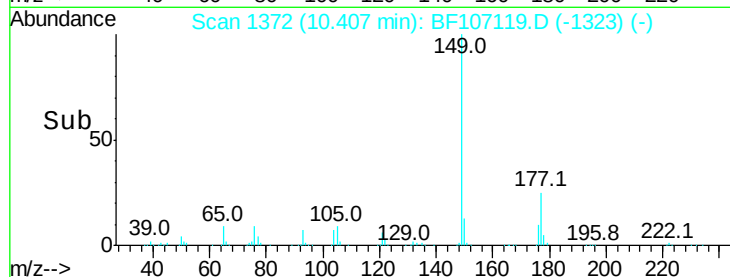
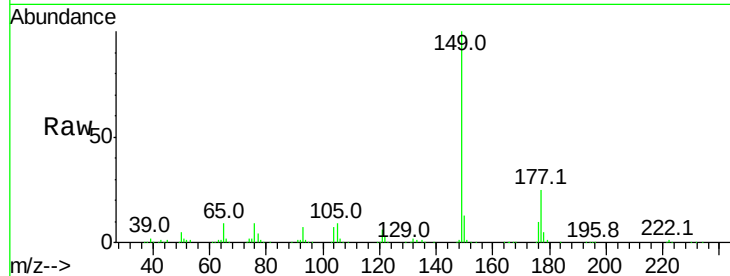
#59
Diethylphthalate
Concen: 34.468 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	16.1	24.1#
150	12.6	10.1	15.1

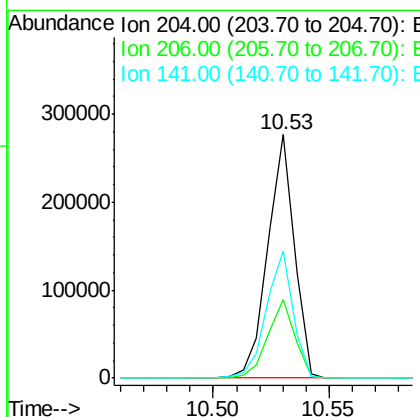
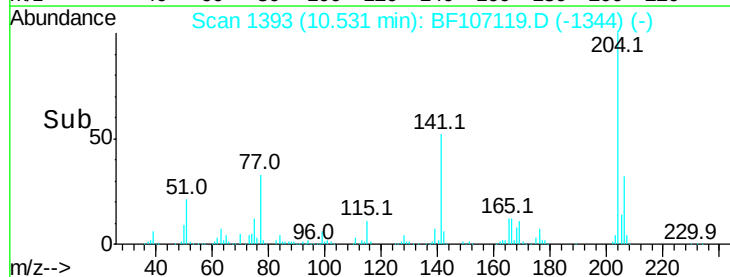
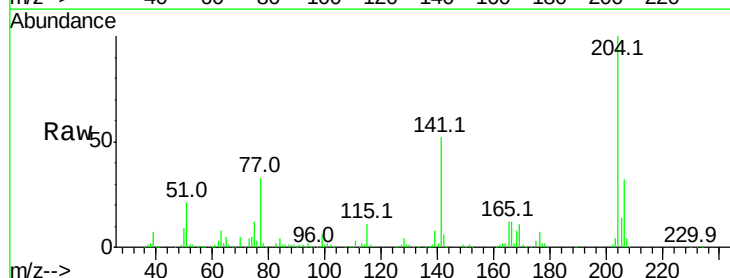
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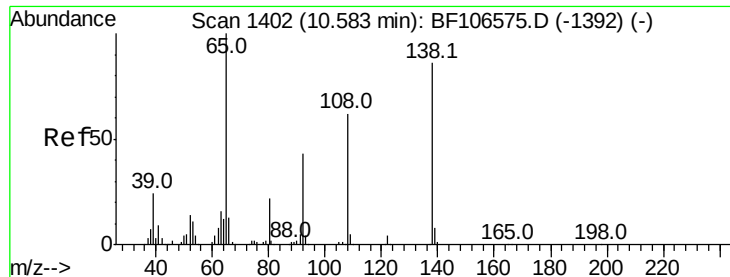
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#60
4-Chlorophenyl-phenylether
Concen: 36.824 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	52.0	54.6	81.8#





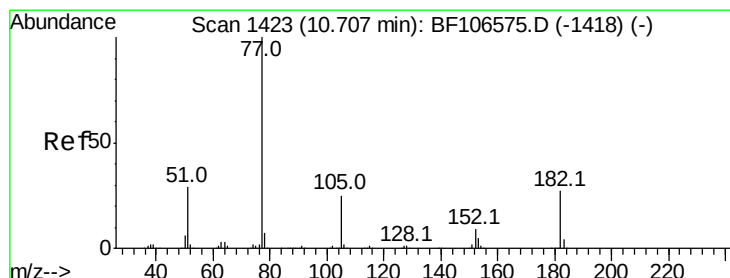
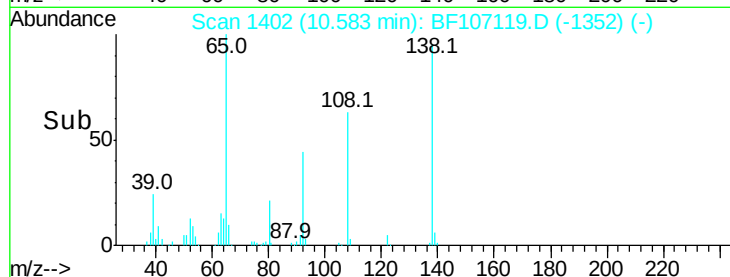
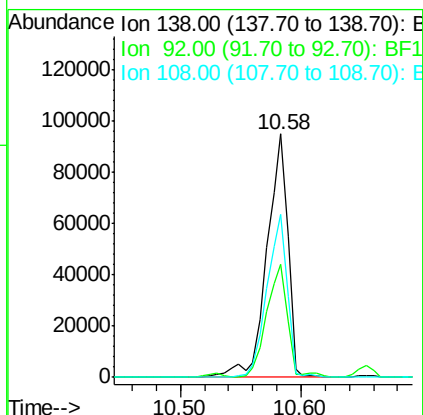
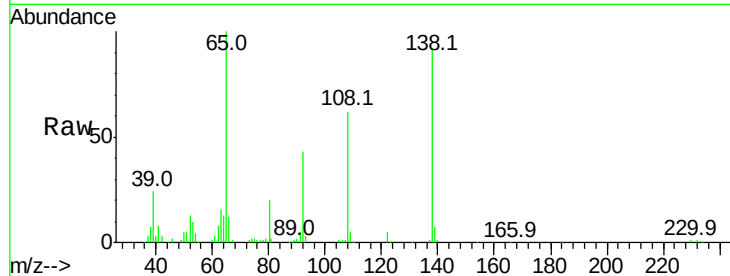
#61
4-Nitroaniline
Concen: 36.698 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.6	30.2	70.2
108	67.0	52.5	92.5

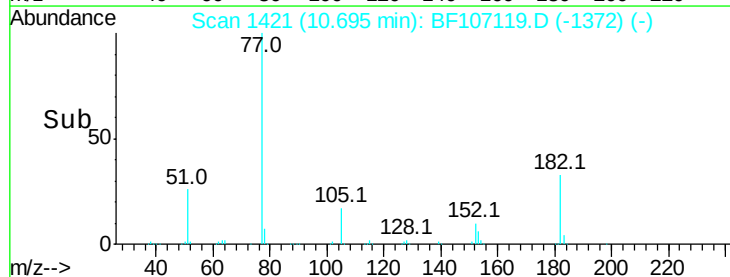
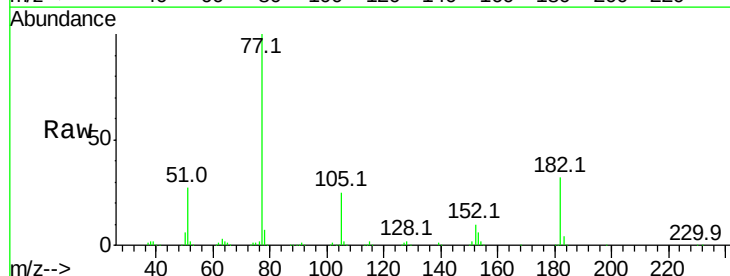
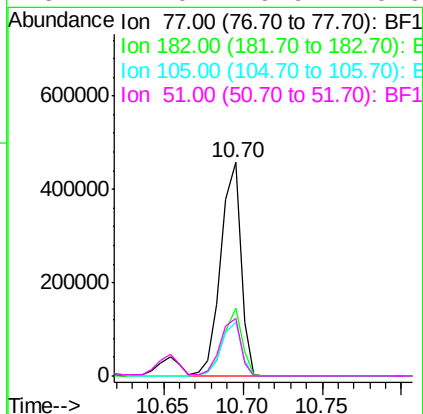
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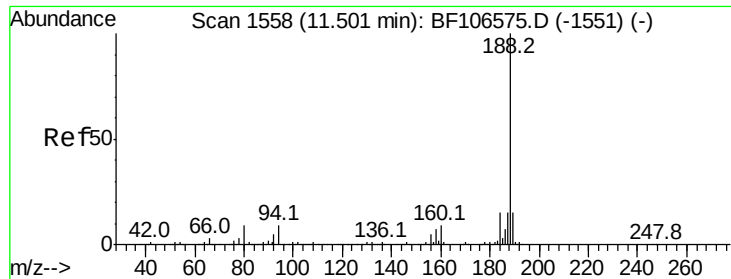
Sohil
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#62
Azobenzene
Concen: 33.485 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.7	1.7	41.7
105	25.4	3.0	43.0
51	27.0	9.9	49.9





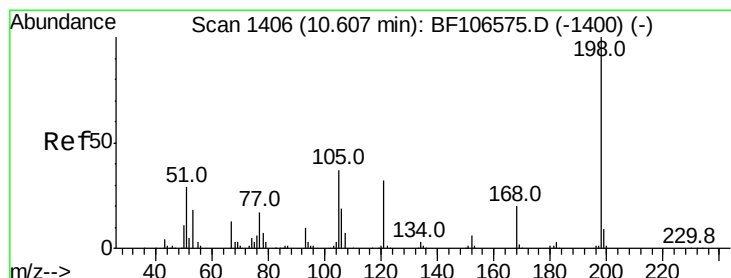
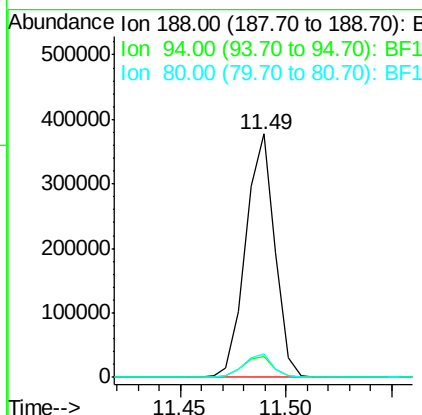
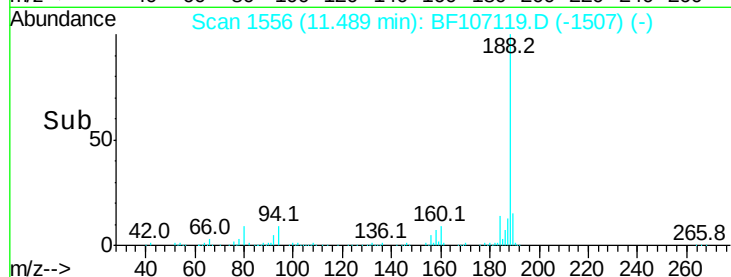
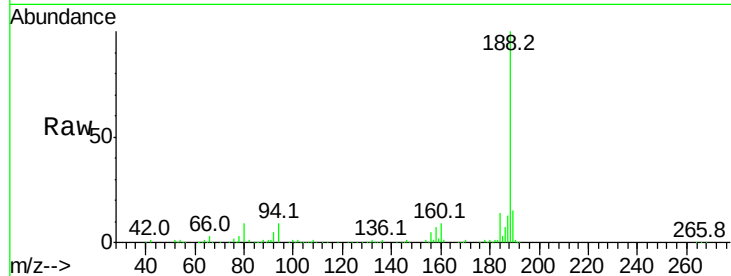
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.4	9.2	13.8

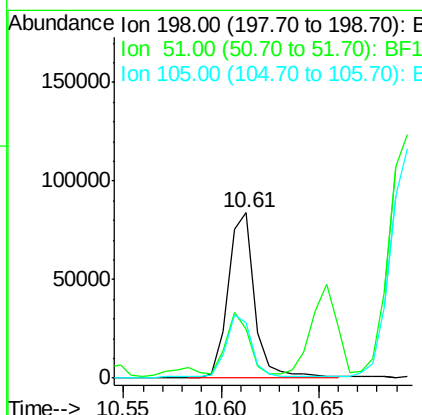
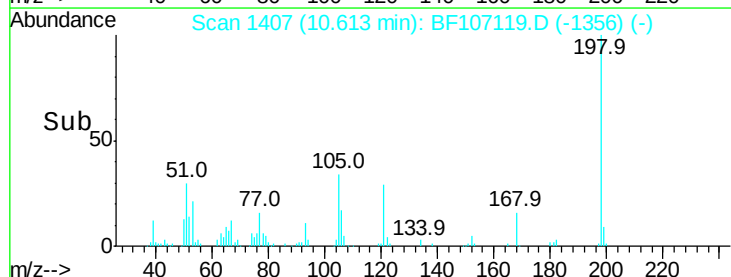
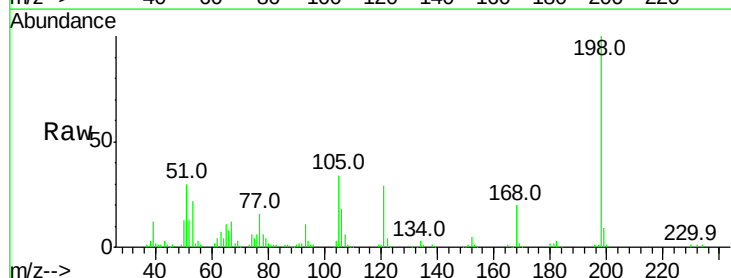
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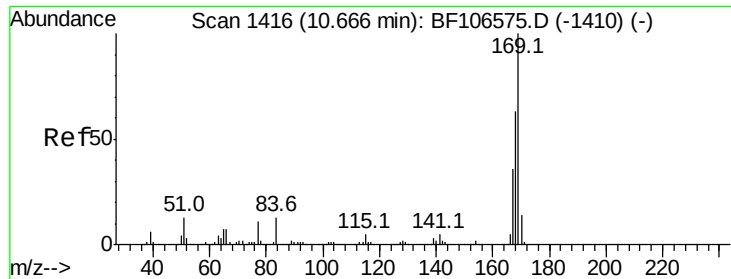
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.736 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	29.8	37.7	77.7#
105	33.7	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 31.673 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

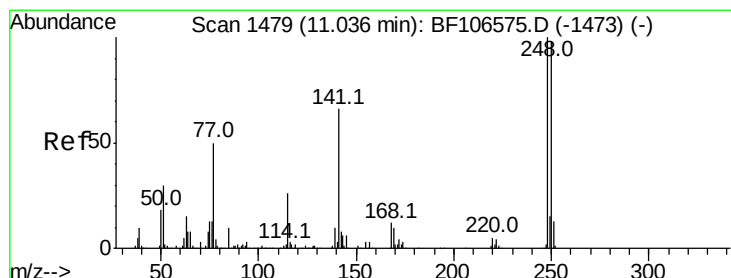
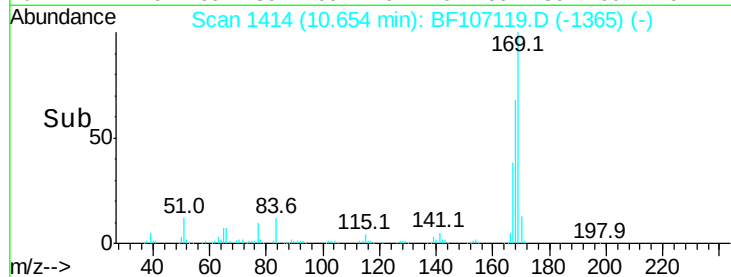
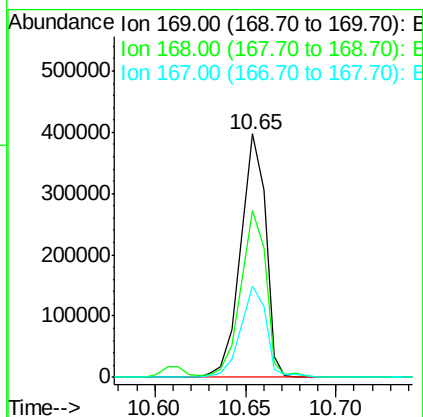
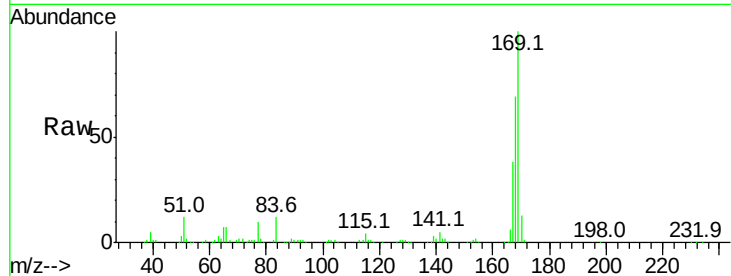
ClientSampleId :

PB110604BS

Tot Ion:	169	Resp:	383736
Ion Ratio	Lower	Upper	
169	100		
168	68.6	54.4	81.6
167	37.5	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 37.007 ng

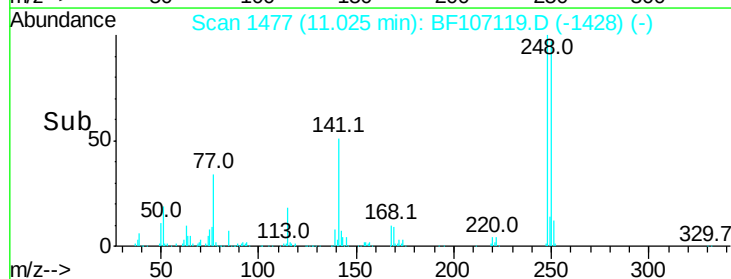
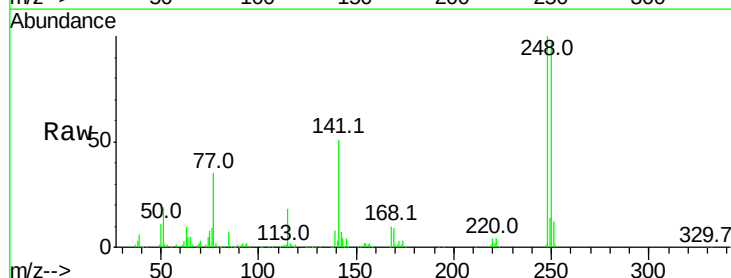
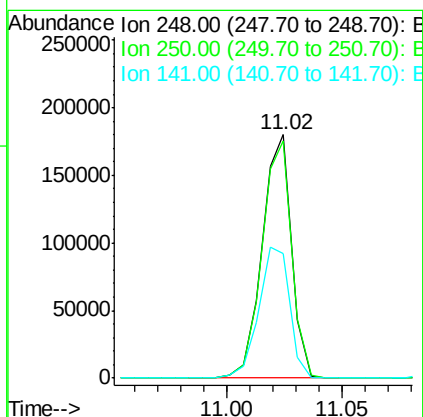
RT: 11.02 min Scan# 1477

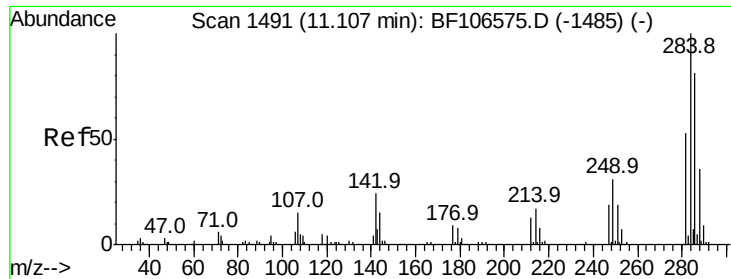
Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:	248	Resp:	159090
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.9	115.3
141	51.1	74.4	111.6#





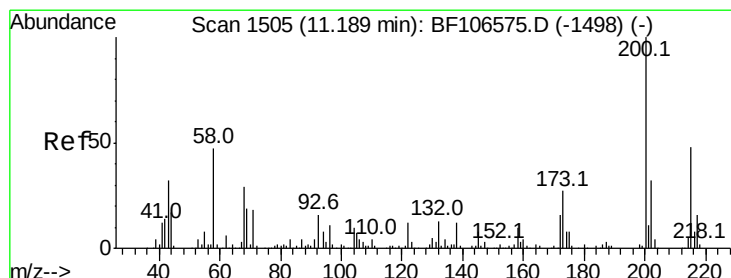
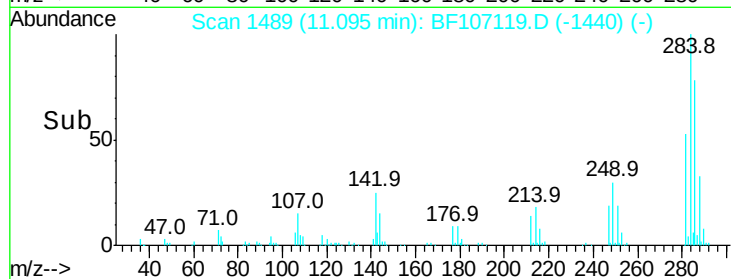
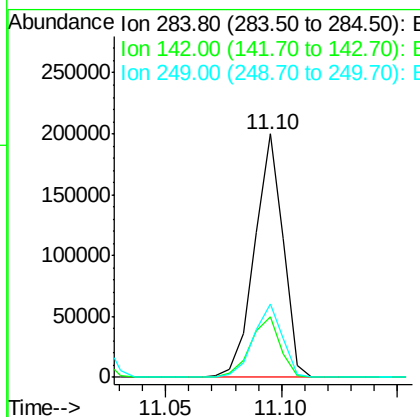
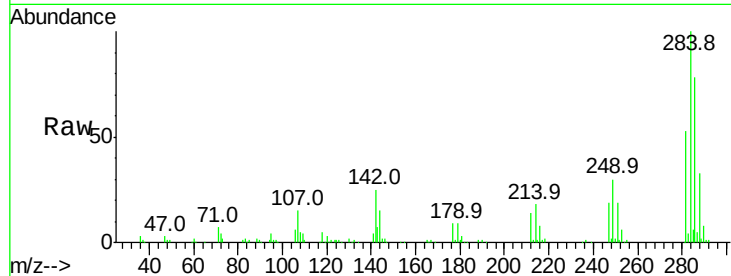
#67
Hexachlorobenzene
Concen: 38.357 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	25.0	34.6	52.0	
249	30.0	24.8	37.2	

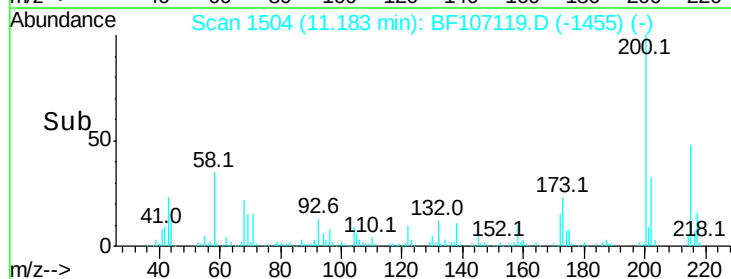
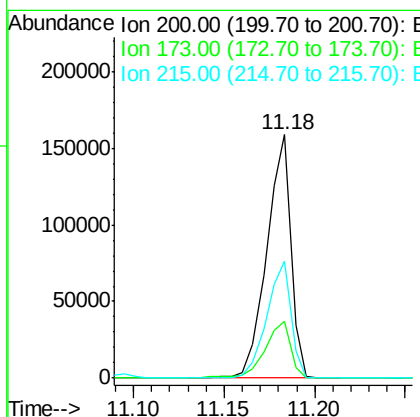
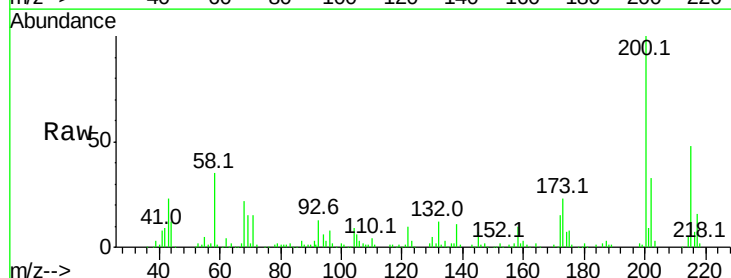
Manual Integrations
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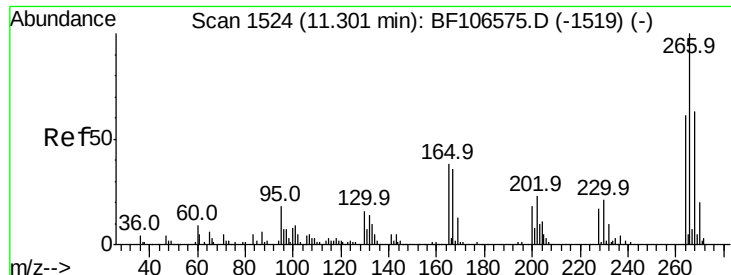
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#68
Atrazine
Concen: 38.074 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.4	8.6	48.6	
215	48.1	25.1	65.1	





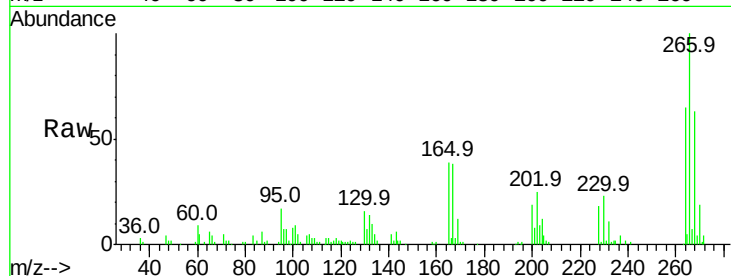
#69
 Pentachlorophenol
 Concen: 43.131 ng/ml
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

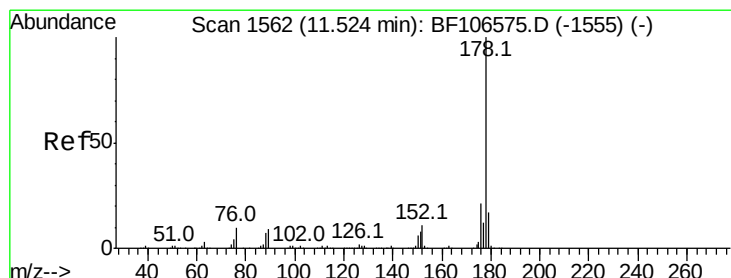
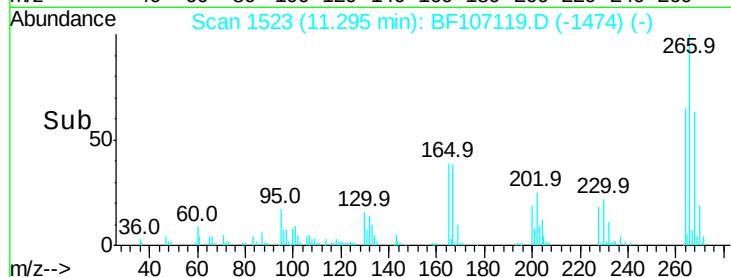
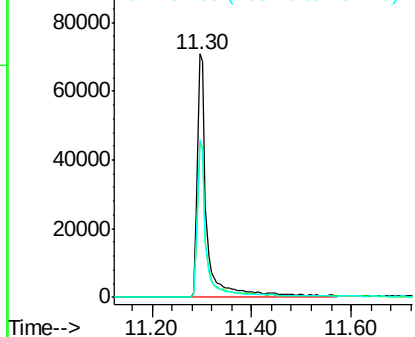
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	64.8	49.5	74.3

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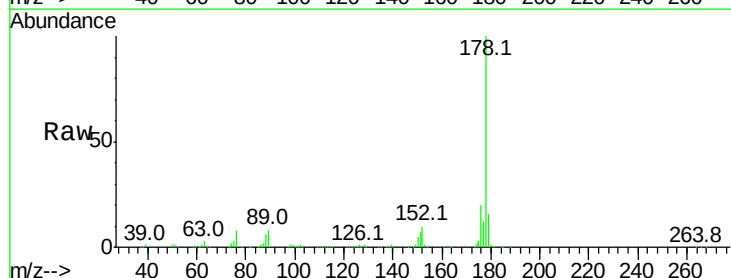


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

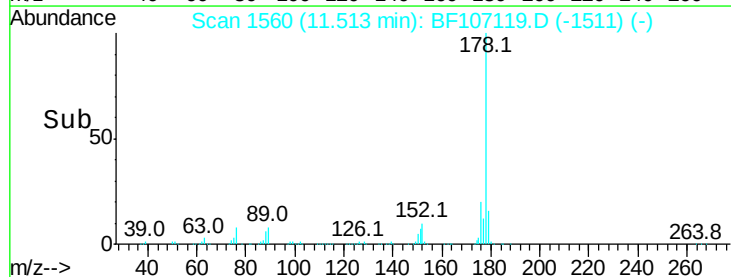
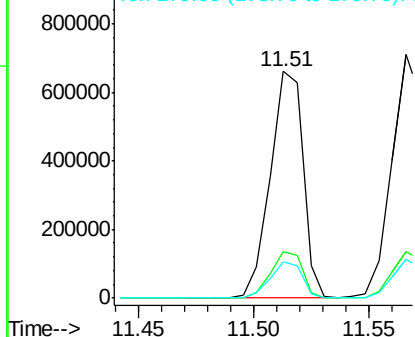


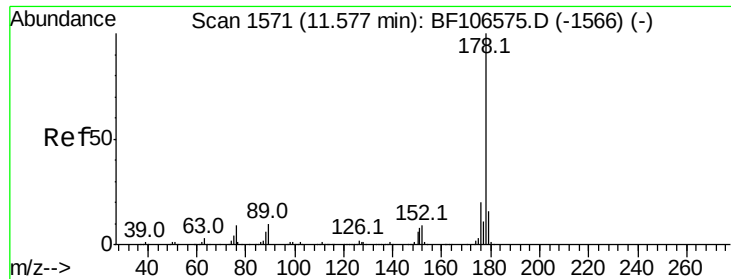
#70
 Phenanthrene
 Concen: 37.663 ng/ml
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.8	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





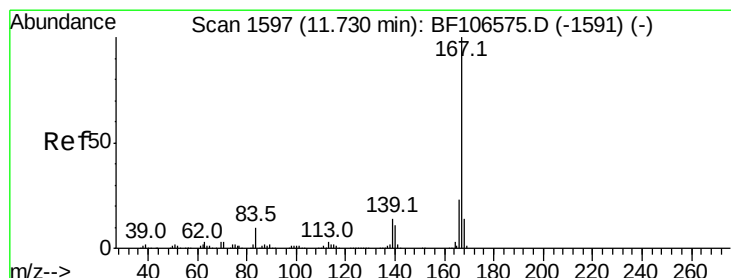
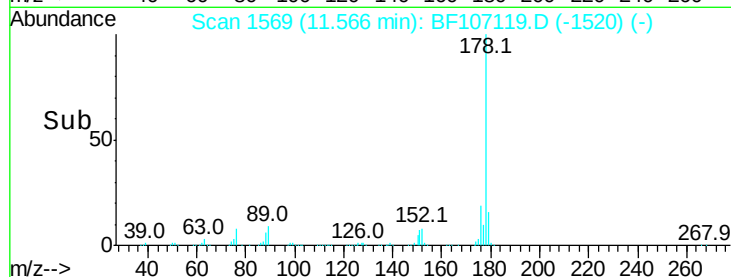
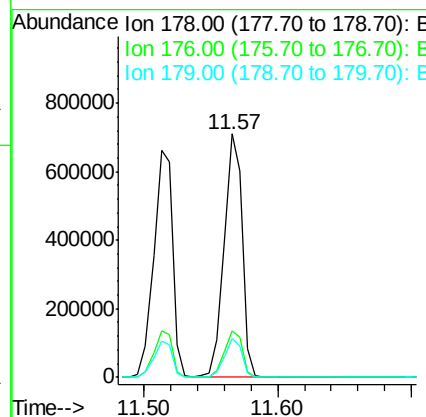
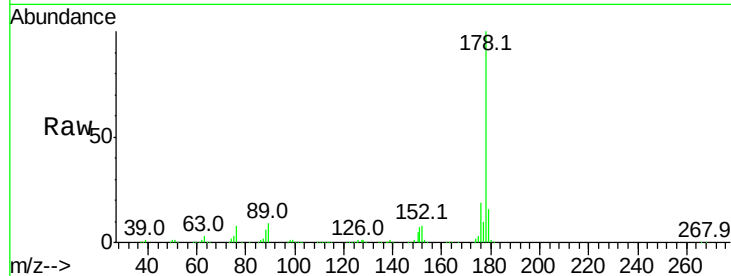
#71
 Anthracene
 Concen: 38.473 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0

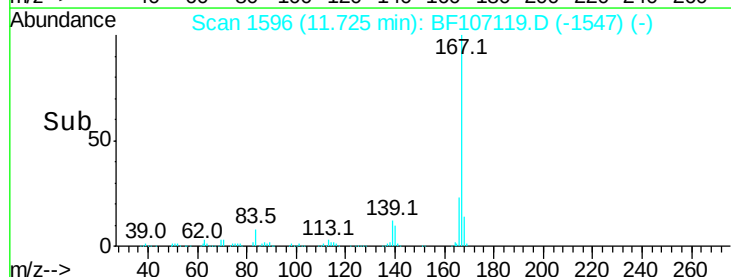
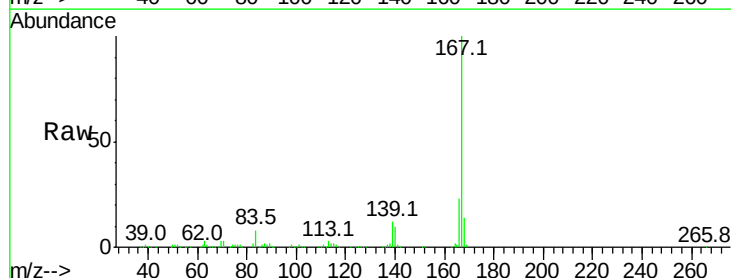
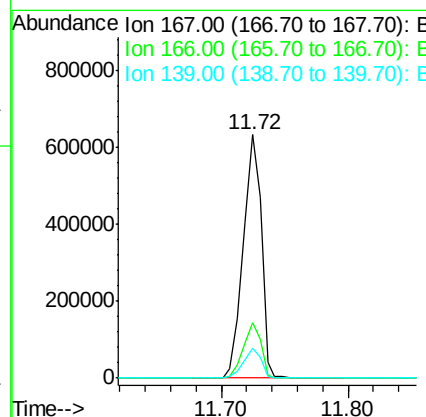
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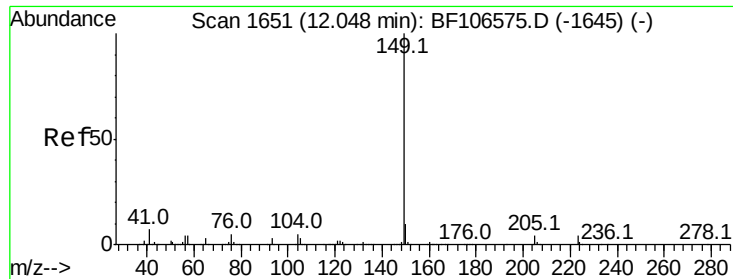
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#72
 Carbazole
 Concen: 37.187 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	12.4	10.9	16.3





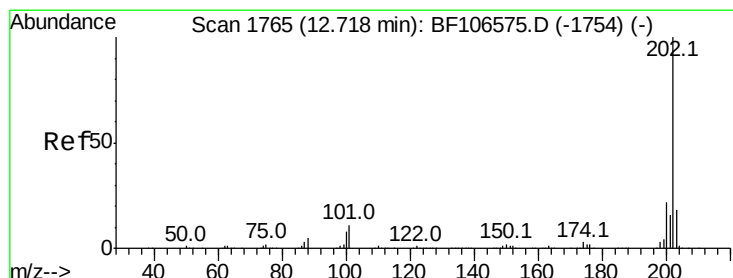
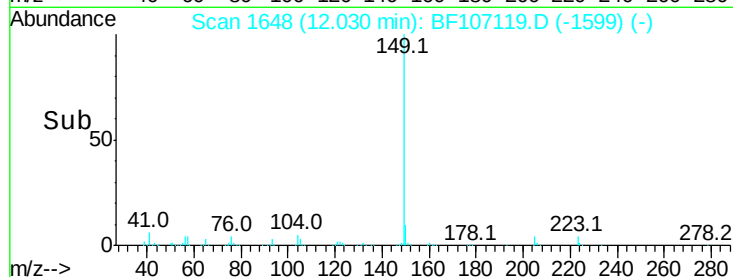
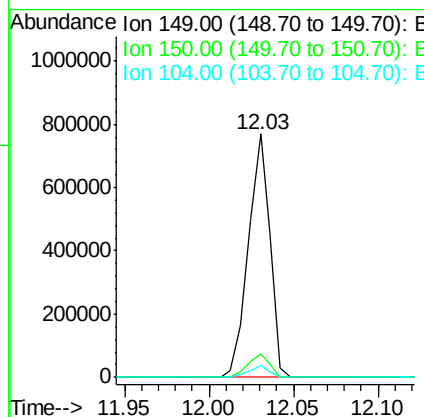
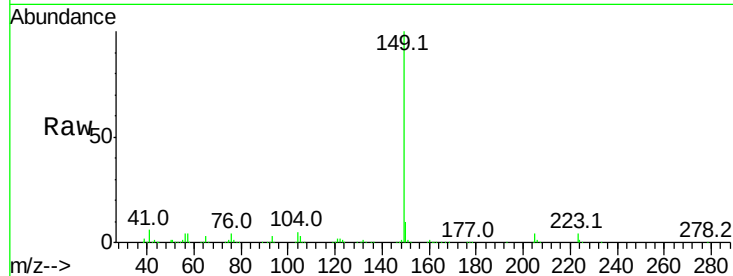
#73
Di-n-butylphthalate
Concen: 35.175 ng
RT: 12.03 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.8	11.6	
104	4.7	3.8	5.8	

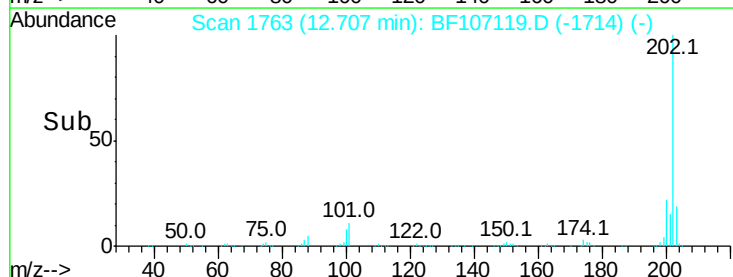
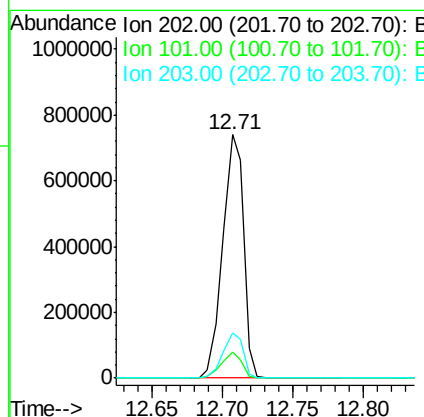
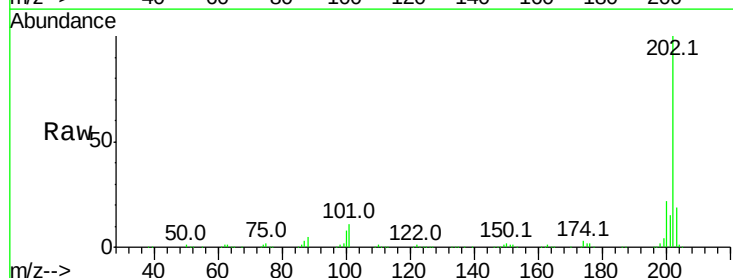
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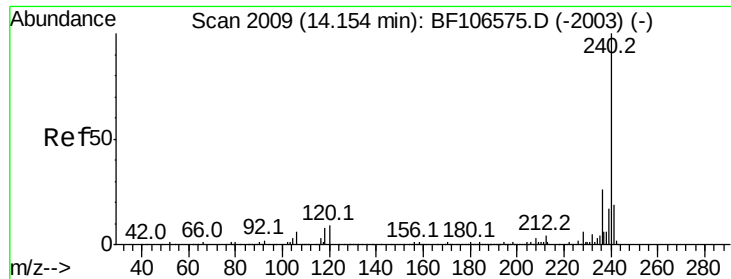
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#74
Fluoranthene
Concen: 39.589 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.7	0.0	34.1	
203	18.6	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

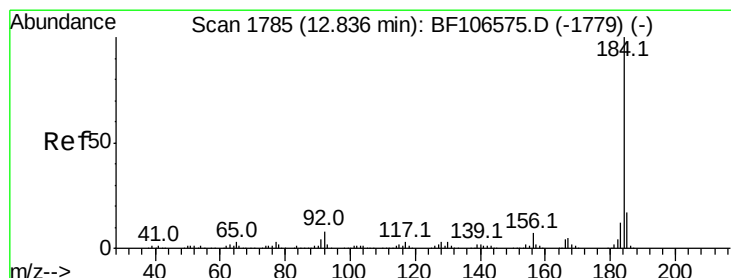
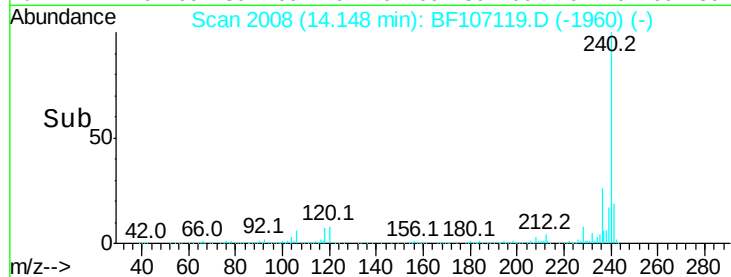
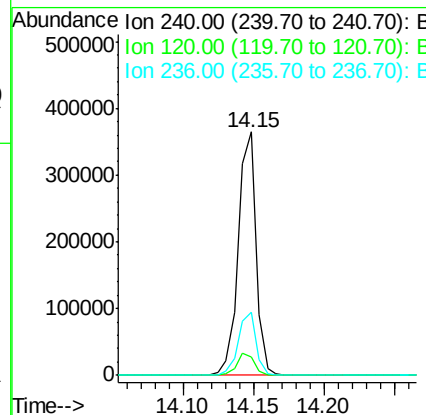
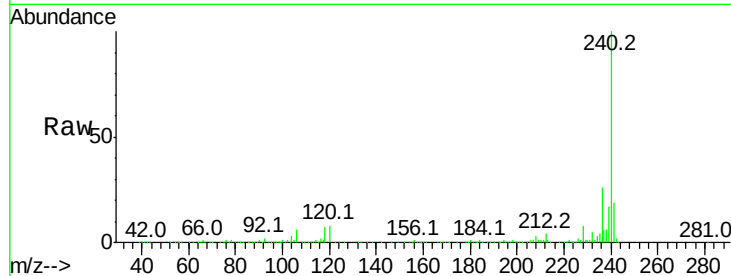
ClientSampleId :

PB110604BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	25.9	20.7	31.1

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#76

Benzidine

Concen: 30.228 ng

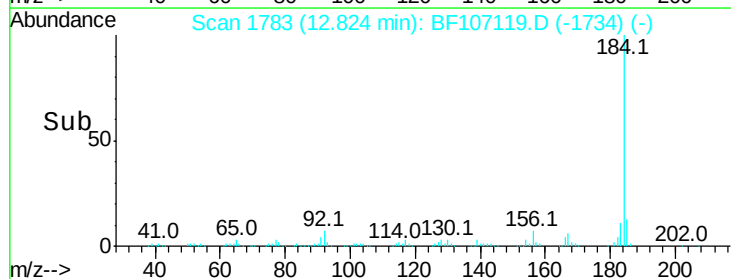
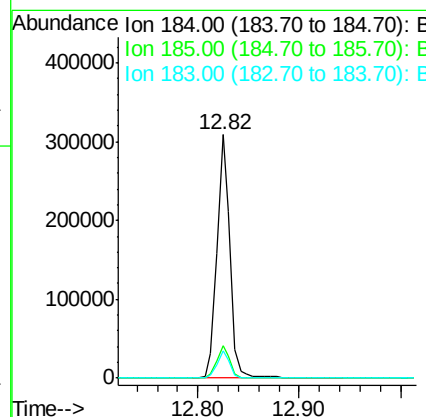
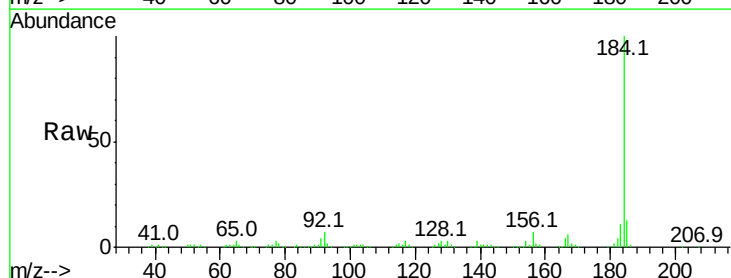
RT: 12.82 min Scan# 1783

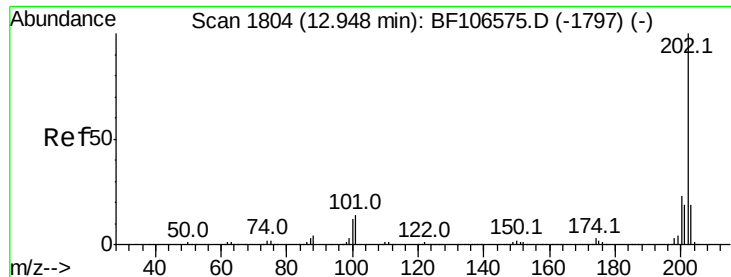
Delta R.T. -0.01 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.6	18.8
183	11.4	9.3	13.9





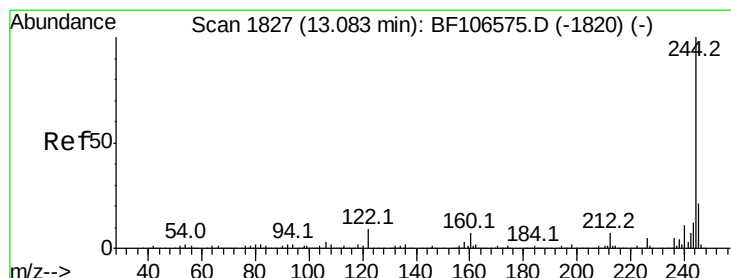
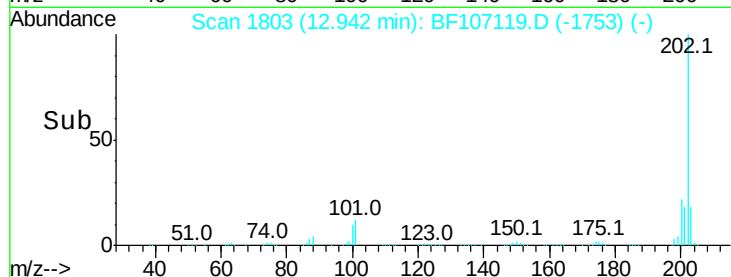
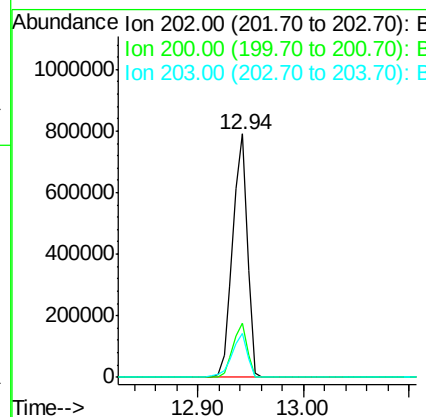
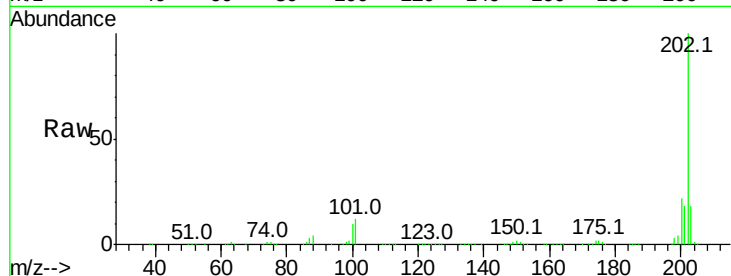
#77
Pvrene
Concen: 36.144 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampled :
PB110604BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.1	14.3	21.5

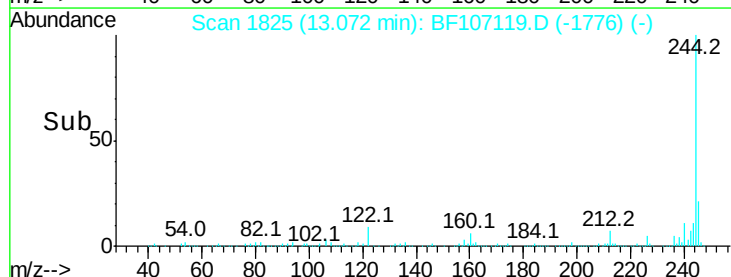
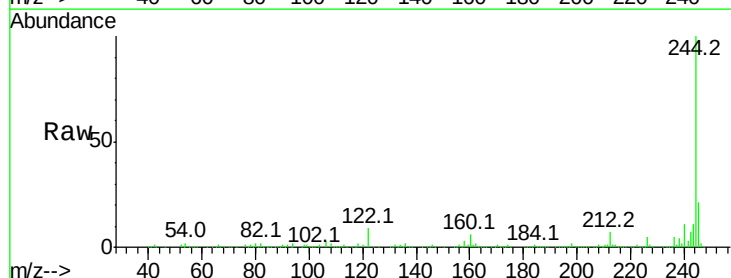
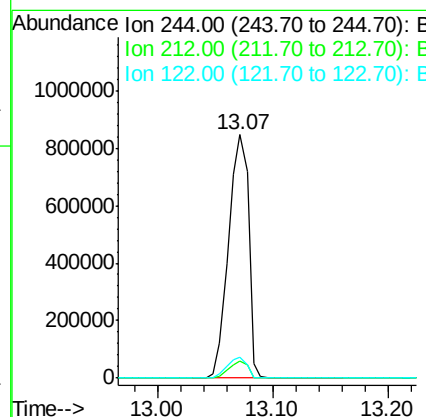
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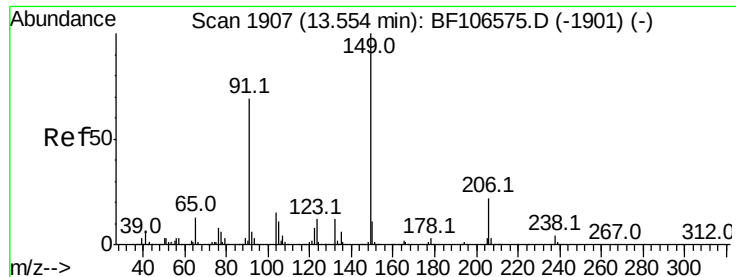
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#78
Terphenyl-d14
Concen: 76.707 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	8.7	11.0	16.4





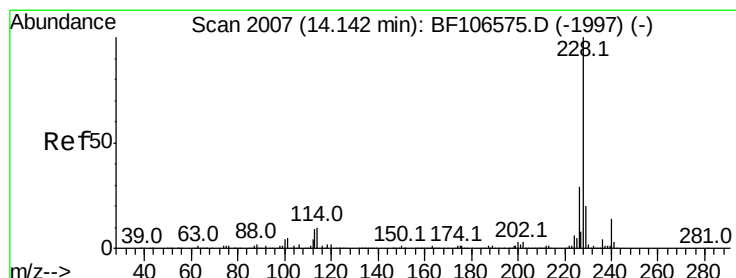
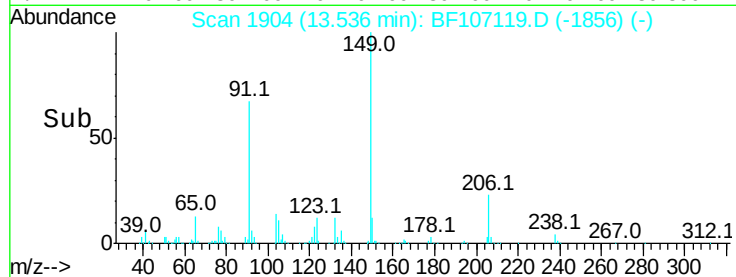
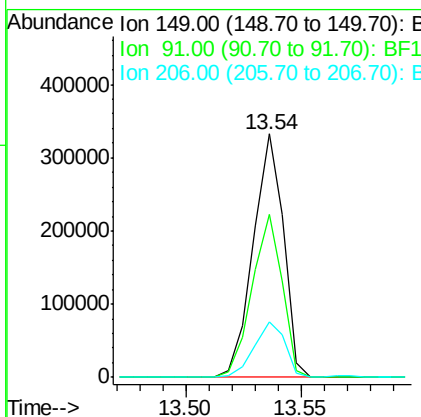
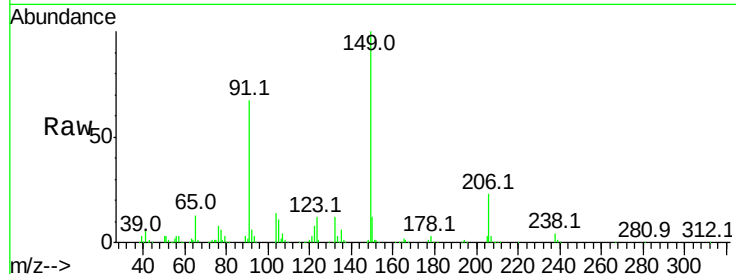
#79
 Butylbenzylphthalate
 Concen: 35.184 ng
 RT: 13.54 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BS

Tot Ion:	149	Resp:	305604
Ion Ratio	Lower	Upper	
149	100		
91	66.9	56.8	85.2
206	22.9	14.1	21.1

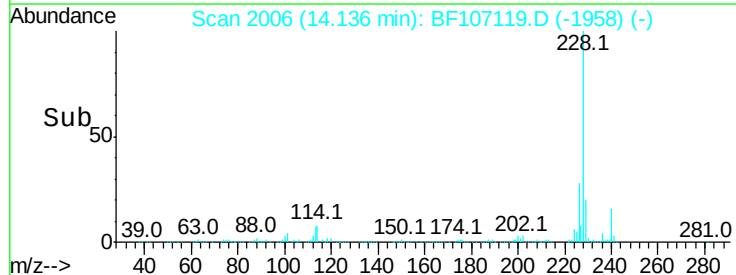
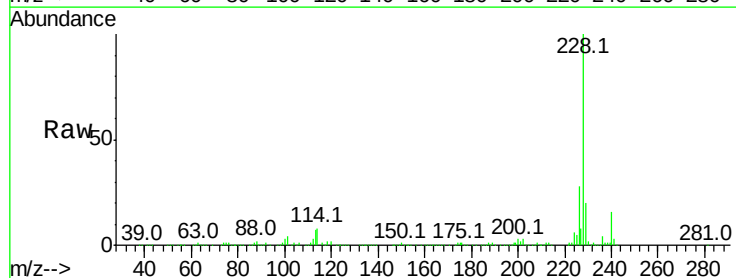
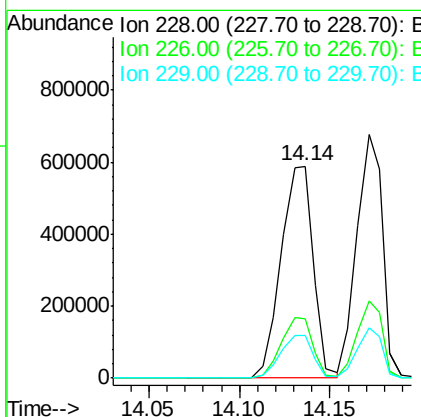
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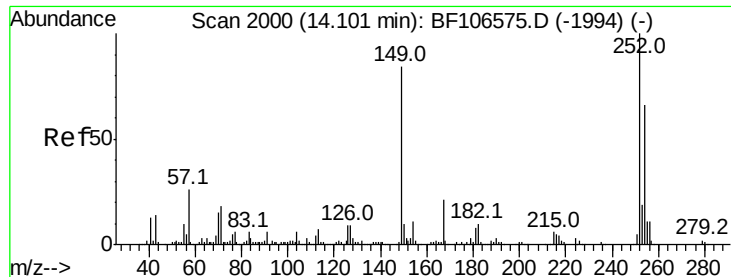
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#80
 Benzo(a)anthracene
 Concen: 37.657 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF107119.D
 Acq: 5 Jul 2018 11:46

Tgt Ion:	228	Resp:	735265
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 16.915 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

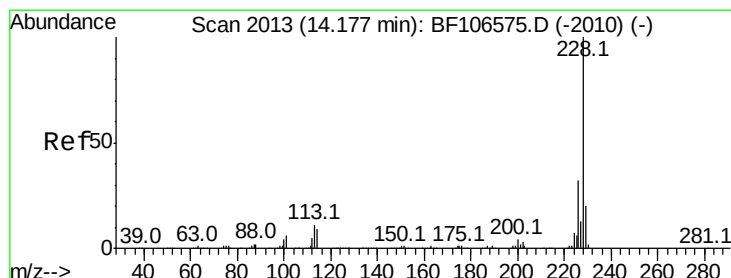
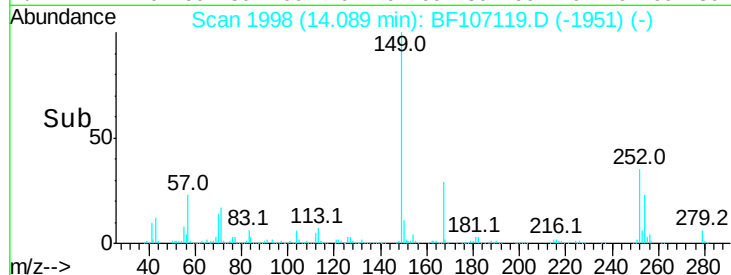
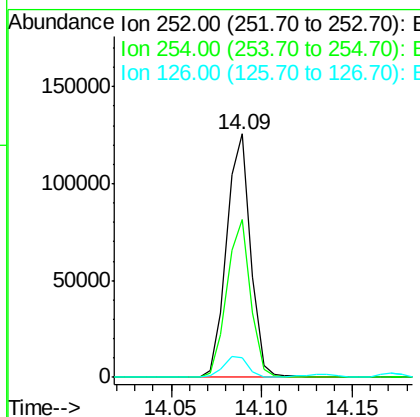
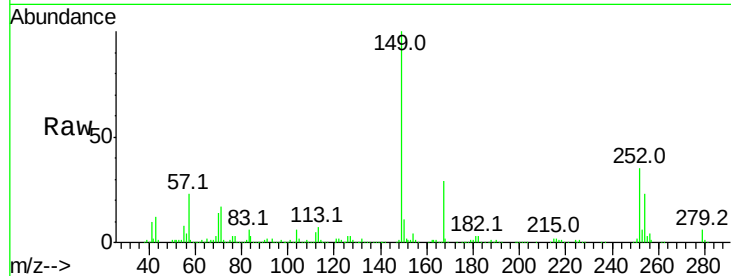
ClientSampleId :

PB110604BS

Tot Ion:	252	Resp:	116076
Ion Ratio		Lower	Upper
252	100		
254	64.9	50.4	75.6
126	8.3	11.3	16.9#

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#82

Chrysene

Concen: 37.418 ng

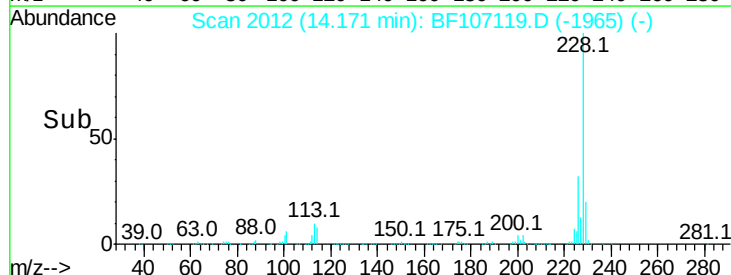
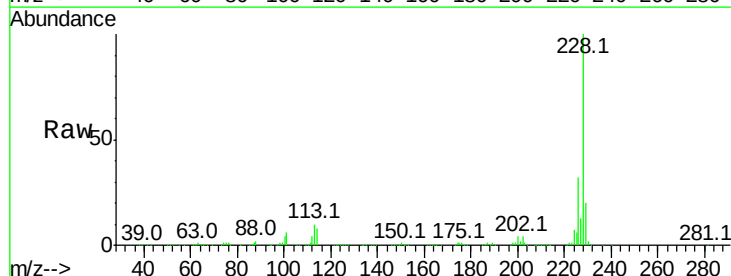
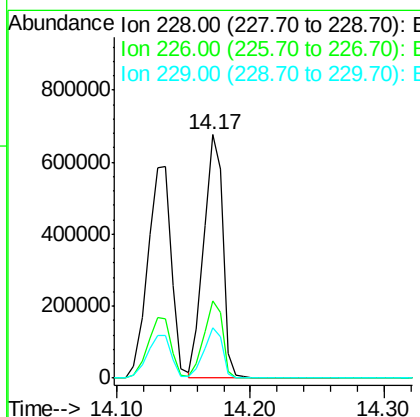
RT: 14.17 min Scan# 2012

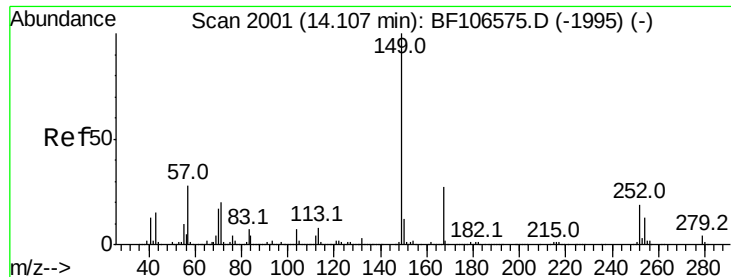
Delta R.T. -0.02 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Tgt Ion:	228	Resp:	672151
Ion Ratio		Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.977 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tot Ion:149 Resp: 377303

Ion Ratio Lower Upper

149 100

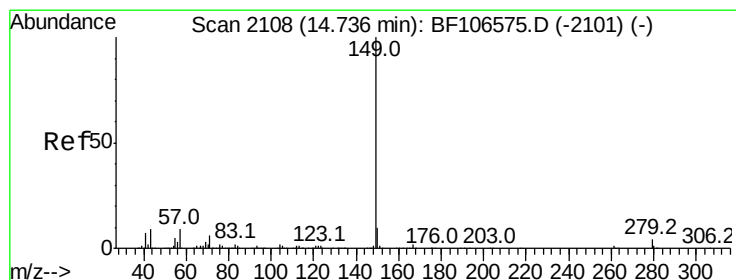
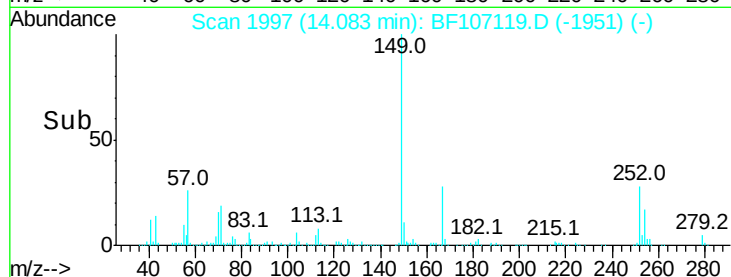
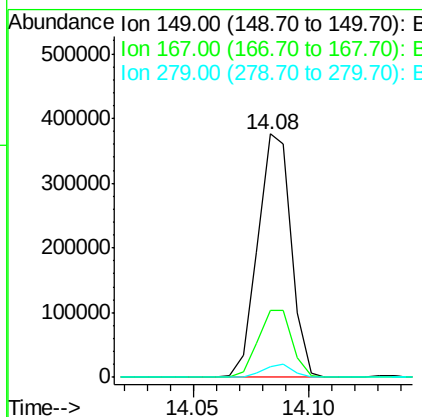
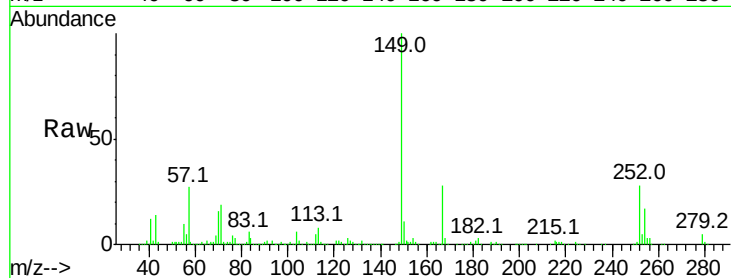
167 27.7 21.3 31.9

279 4.6 3.0 4.4#

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#84

Di-n-octyl phthalate

Concen: 33.968 ng

RT: 14.71 min Scan# 2104

Delta R.T. -0.05 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

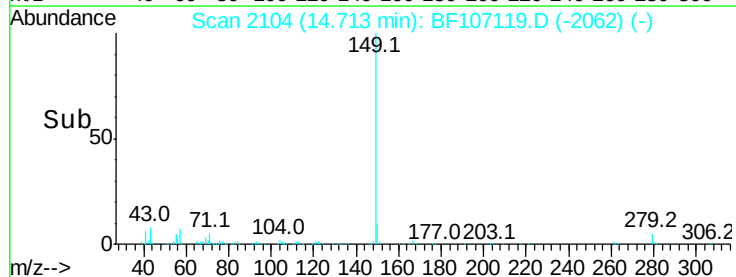
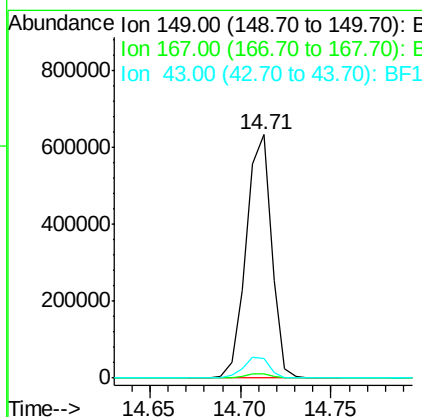
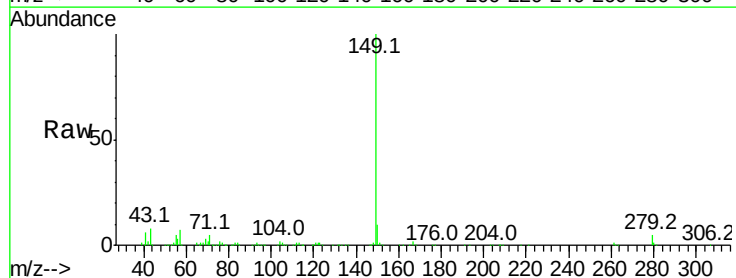
Tgt Ion:149 Resp: 614856

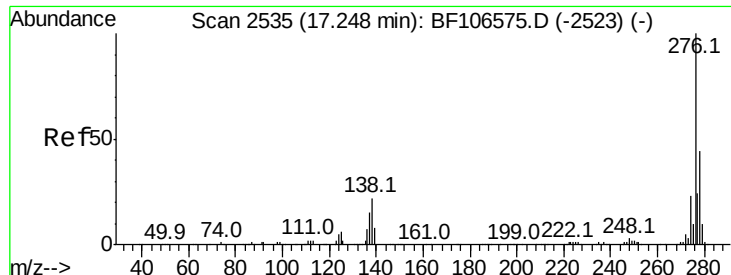
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.5 8.4 12.6





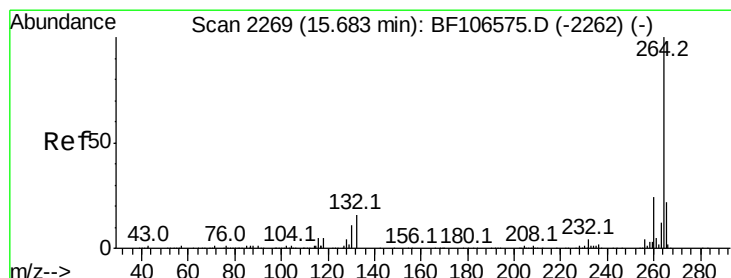
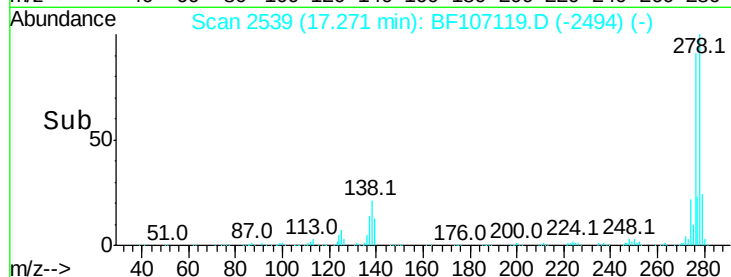
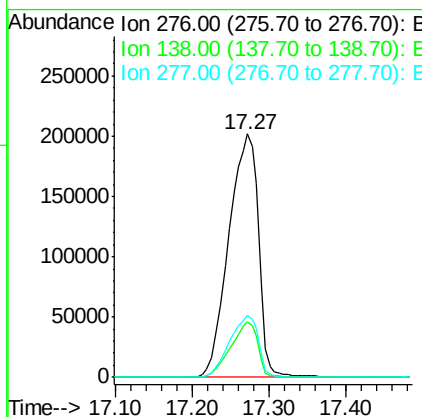
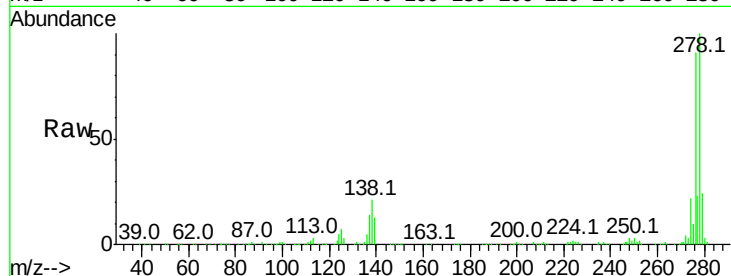
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.658 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleID :
PB110604BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	24.9	20.1	30.1

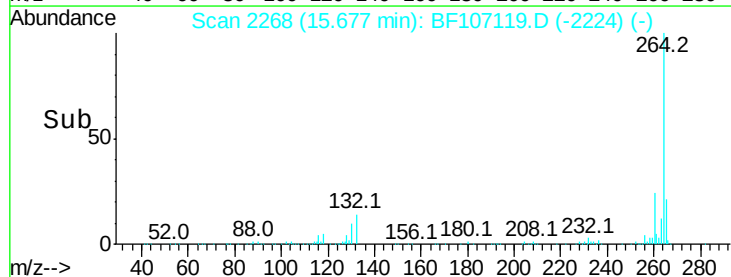
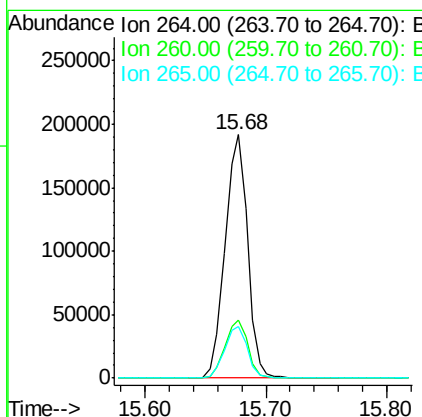
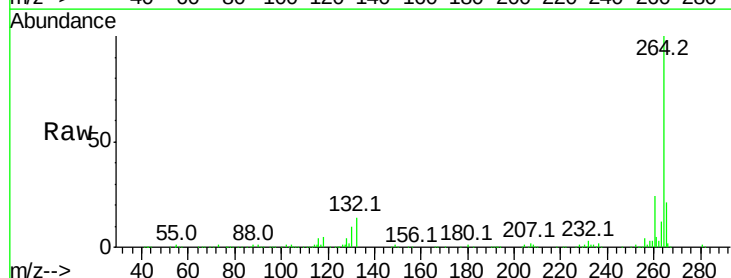
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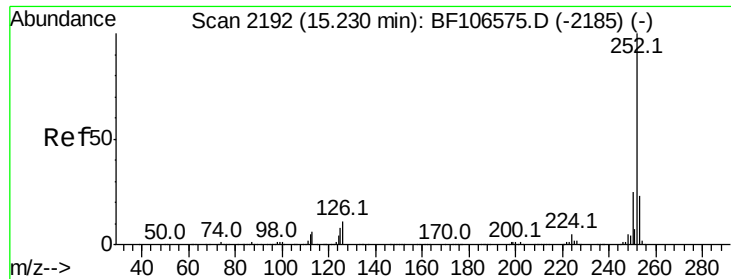
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3





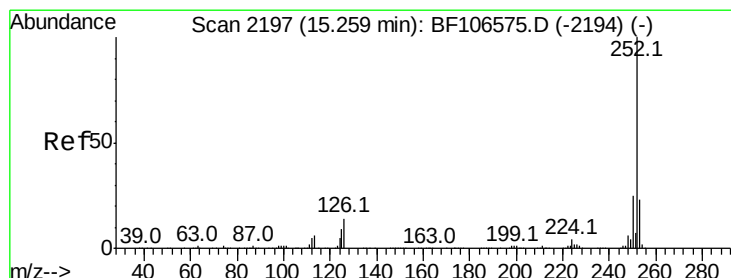
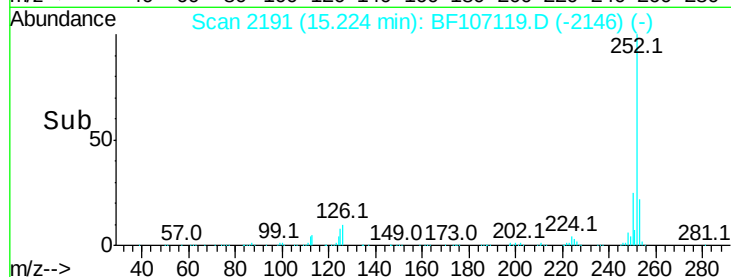
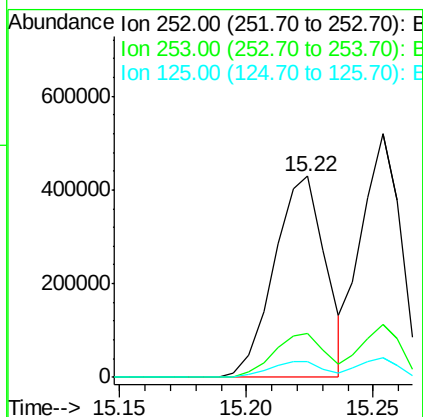
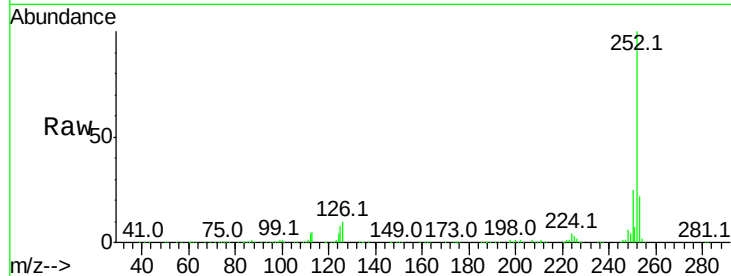
#87
Benzo(b)fluoranthene
Concen: 39.366 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	7.7	9.0	13.6

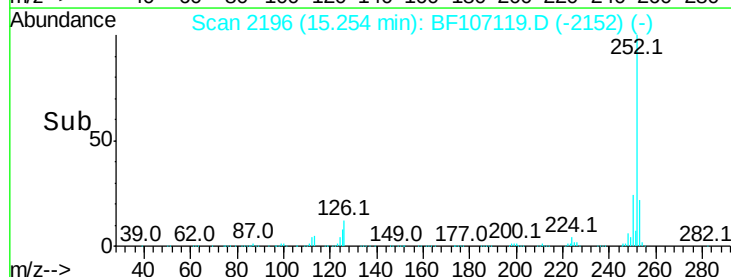
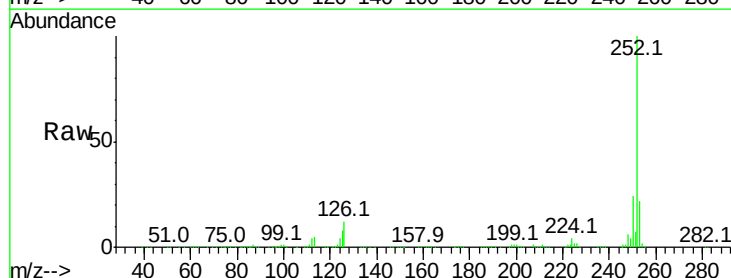
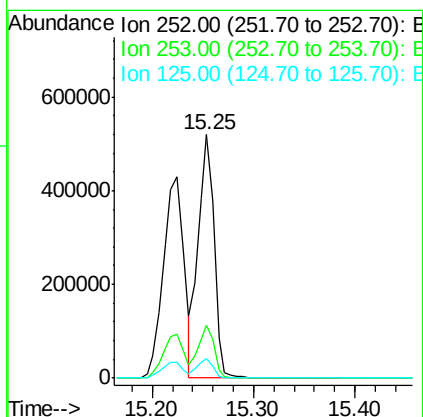
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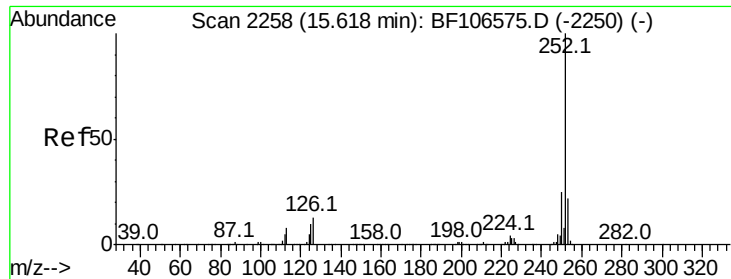
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#88
Benzo(k)fluoranthene
Concen: 38.518 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.0	10.2	15.2





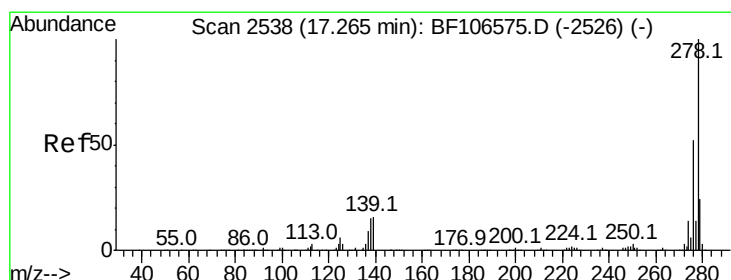
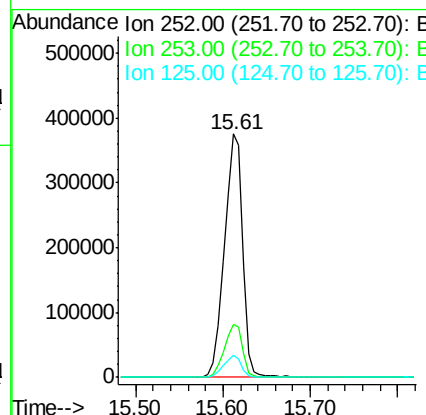
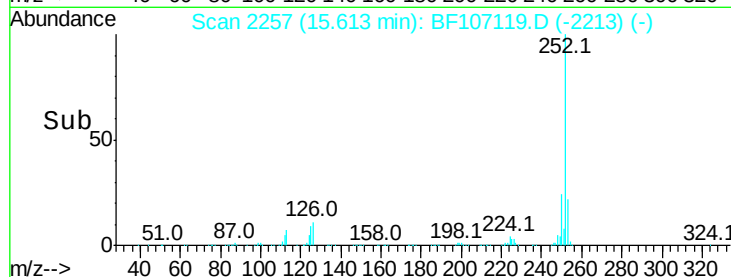
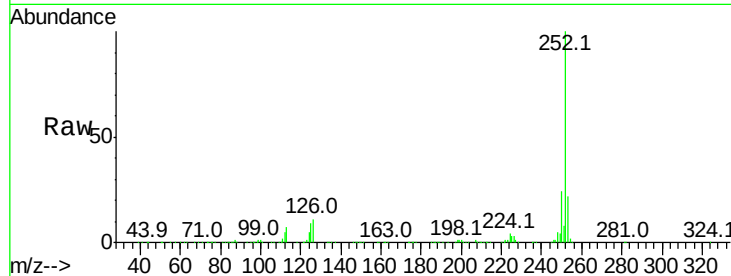
#89
Benzo(a)pyrene
Concen: 39.696 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.2	9.8	14.6

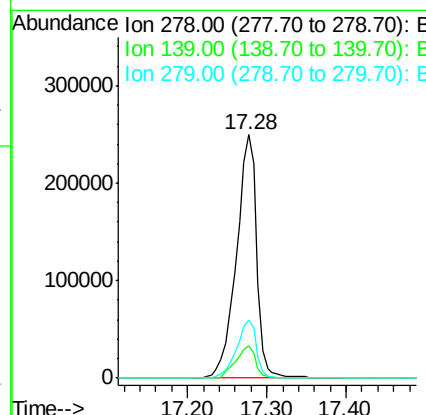
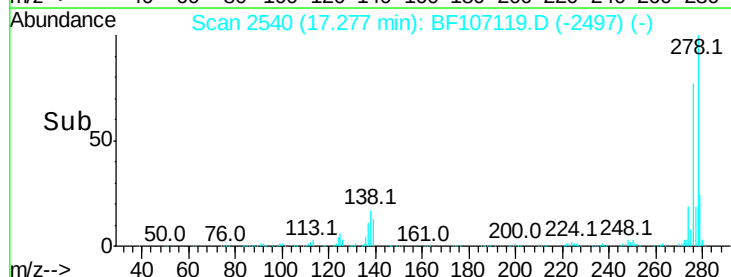
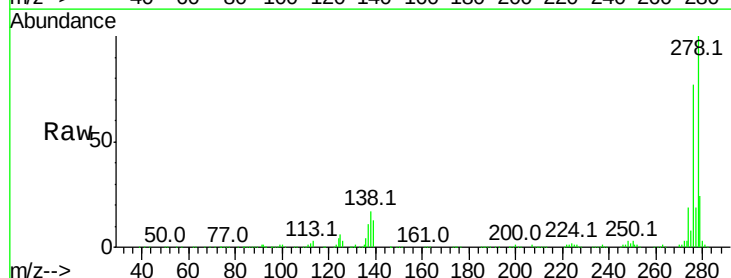
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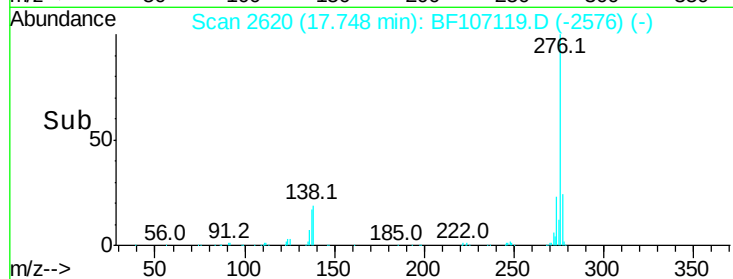
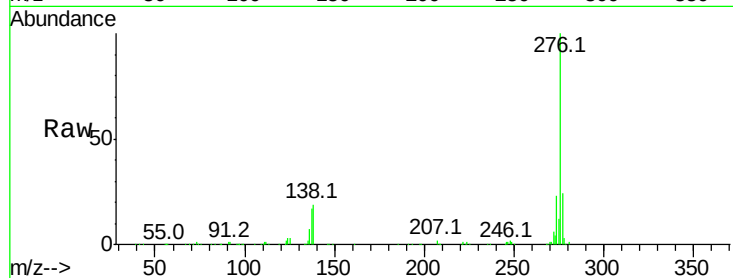
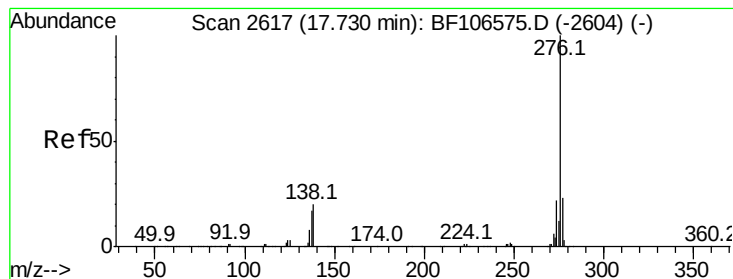
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#90
Dibenzo(a,h)anthracene
Concen: 38.116 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF107119.D
Acq: 5 Jul 2018 11:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 41.878 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.04 min

Lab File: BF107119.D

Acq: 5 Jul 2018 11:46

Instrument :

BNA_F

ClientSampleId :

PB110604BS

Tot Ion: 276 Resp: 474506

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 19.5 21.8 32.8#

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