

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106909.D
 Acq On : 28 Jun 2018 8:38
 Operator : JU/SJ
 Sample : PB110635BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:43 PM

Quant Time: Jun 28 11:48:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	46253	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	166531	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	74902	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	122302	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	122936	20.00	ng	-0.02
86) Perylene-d12	15.68	264	90582	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	239868	87.82	ng	0.00
7) Phenol-d6	6.60	99	297635	87.25	ng	-0.01
23) Nitrobenzene-d5	7.52	82	270959	90.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	76915	88.60	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	490927	116.39	ng	-0.01
78) Terphenyl-d14	13.07	244	489238	96.40	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	43517	30.988	ng	99
3) Pyridine	3.64	79	133690	35.103	ng	97
4) n-Nitrosodimethylamine	3.61	42	56198	34.742	ng	89
6) Aniline	6.62	93	153935	33.268	ng	96
8) 2-Chlorophenol	6.75	128	128138	42.770	ng	100
9) Benzaldehyde	6.51	77	73519	29.494	ng	96
10) Phenol	6.62	94	156933	40.313	ng	# 71
11) bis(2-Chloroethyl)ether	6.69	93	124310	38.680	ng	99
12) 1,3-Dichlorobenzene	6.90	146	148484	42.316	ng	97
13) 1,4-Dichlorobenzene	6.97	146	149192	42.055	ng	99
14) 1,2-Dichlorobenzene	7.12	146	136405	41.956	ng	99
15) Benzyl Alcohol	7.10	79	107113	39.107	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	173364	41.115	ng	68
17) 2-Methylphenol	7.22	107	108075	42.153	ng	# 89
18) Hexachloroethane	7.47	117	45609	36.560	ng	# 83
19) n-Nitroso-di-n-propylamine	7.37	70	83509	37.140	ng	94
20) 3+4-Methylphenols	7.37	107	127437	46.470	ng	# 65
22) Acetophenone	7.37	105	167180	44.872	ng	# 95
24) Nitrobenzene	7.54	77	132050	43.162	ng	100
25) Isophorone	7.78	82	243085	46.035	ng	99
26) 2-Nitrophenol	7.85	139	67937	47.040	ng	99
27) 2,4-Dimethylphenol	7.90	122	114580	51.328	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	155191	43.772	ng	99
29) 2,4-Dichlorophenol	8.10	162	111677	47.785	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	124394	48.317	ng	99
31) Naphthalene	8.26	128	355568	45.669	ng	99
32) Benzoic acid	8.02	122	61649	39.165	ng	97
33) 4-Chloroaniline	8.31	127	79561	24.354	ng	98
34) Hexachlorobutadiene	8.37	225	81601	48.642	ng	98
35) Caprolactam	8.69	113	32969	43.277	ng	92
36) 4-Chloro-3-methylphenol	8.80	107	111932	45.502	ng	100
37) 2-Methylnaphthalene	8.95	142	251273	48.690	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	131918	52.297	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	13718	10.570	ng	98

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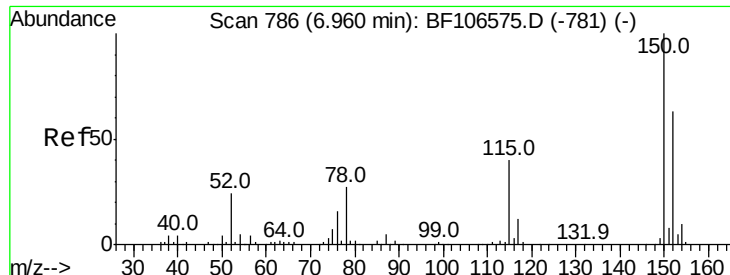
Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:43 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	76981	45.912	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	78322	44.765	nq #	89
45) 1,1'-Biphenyl	9.42	154	299764	50.217	nq	97
46) 2-Chloronaphthalene	9.45	162	211539	45.021	nq	94
47) 2-Nitroaniline	9.55	65	63493	40.185	nq	96
48) Acenaphthylene	9.86	152	328667	44.305	nq	99
49) Dimethylphthalate	9.71	163	265373	47.238	nq	99
50) 2,6-Dinitrotoluene	9.78	165	56444	47.449	nq	89
51) Acenaphthene	10.03	154	194731	41.686	nq	97
52) 3-Nitroaniline	9.95	138	40091	29.287	nq	99
53) 2,4-Dinitrophenol	10.07	184	15091	28.120	nq #	19
54) Dibenzofuran	10.21	168	298155	46.611	nq	95
55) 4-Nitrophenol	10.14	139	56802	59.447	nq	95
56) 2,4-Dinitrotoluene	10.19	165	69182	44.555	nq #	87
57) Fluorene	10.55	166	224996	44.326	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	62550	44.974	nq #	78
59) Diethylphthalate	10.41	149	235621	43.456	nq	95
60) 4-Chlorophenyl-phenylether	10.54	204	120697	45.446	nq #	84
61) 4-Nitroaniline	10.57	138	42587	31.348	nq	97
62) Azobenzene	10.70	77	202144	37.859	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	15901	21.033	nq #	69
65) n-Nitrosodiphenylamine	10.65	169	195857	47.611	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	77689	53.226	nq #	83
67) Hexachlorobenzene	11.09	284	78492	51.380	nq #	87
68) Atrazine	11.18	200	67185	51.375	nq	97
69) Pentachlorophenol	11.29	266	51019	66.932	nq	98
70) Phenanthrene	11.51	178	295734	50.134	nq	99
71) Anthracene	11.57	178	300217	49.862	nq	99
72) Carbazole	11.72	167	261858	46.452	nq	98
73) Di-n-butylphthalate	12.04	149	309577	46.616	nq	99
74) Fluoranthene	12.71	202	337999	51.986	nq	96
76) Benzidine	12.83	184	231019	65.983	nq	97
77) Pyrene	12.94	202	342203	42.212	nq	100
79) Butylbenzylphthalate	13.54	149	132698	39.812	nq #	93
80) Benzo(a)anthracene	14.14	228	355229	47.411	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	119840	45.509	nq #	95
82) Chrysene	14.17	228	335311	48.644	nq	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	171379	40.218	nq #	98
84) Di-n-octyl phthalate	14.72	149	330923	47.642	nq	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	230248	39.361	nq #	89
87) Benzo(b)fluoranthene	15.22	252	290737m	51.669	nq	
88) Benzo(k)fluoranthene	15.26	252	275405	51.396	nq #	95
89) Benzo(a)pyrene	15.62	252	249690	49.916	nq #	97
90) Dibenzo(a,h)anthracene	17.27	278	193128	45.557	nq #	93
91) Benzo(g,h,i)perylene	17.74	276	188486	45.489	nq #	91

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



#1

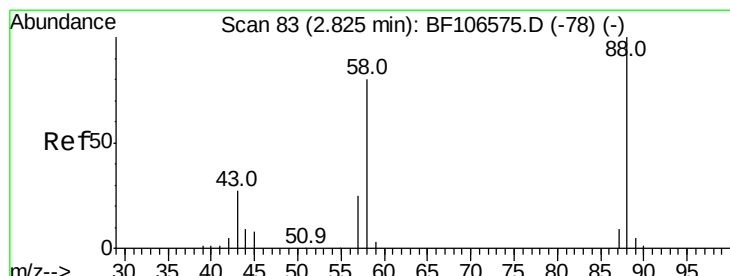
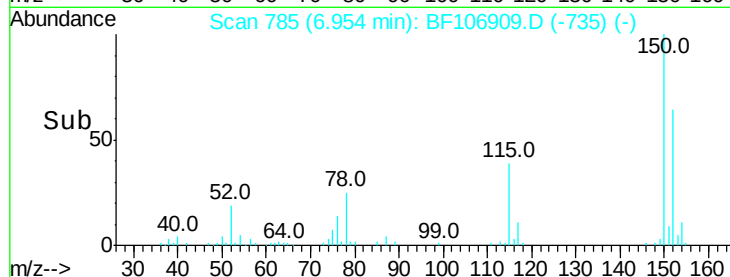
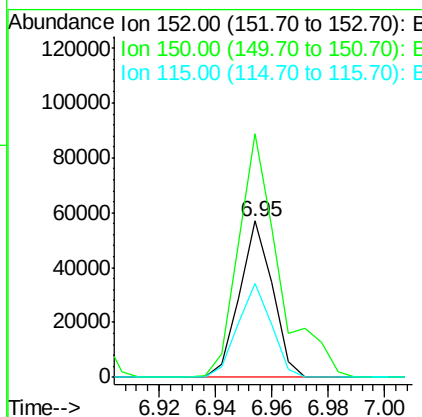
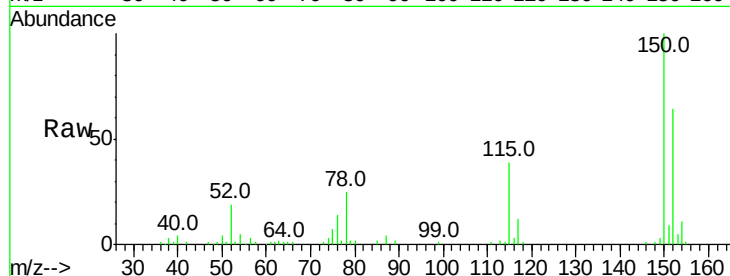
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.3	50.1	75.1

Manual Integrations
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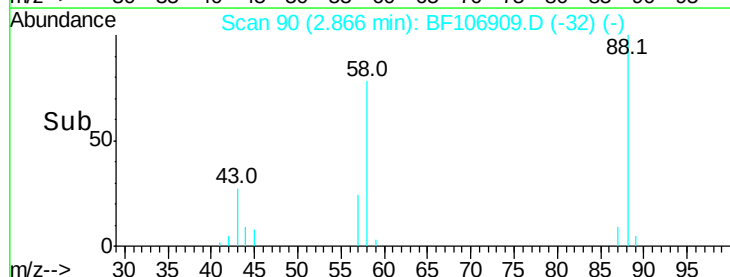
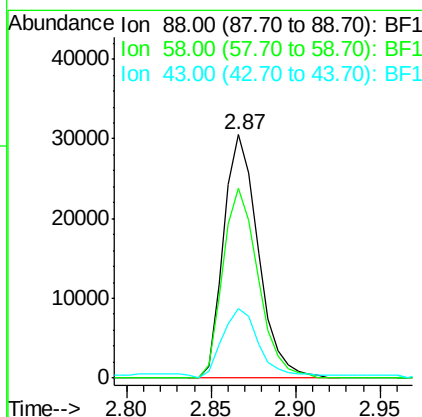
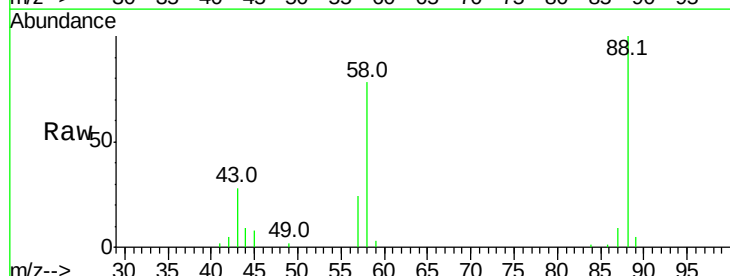
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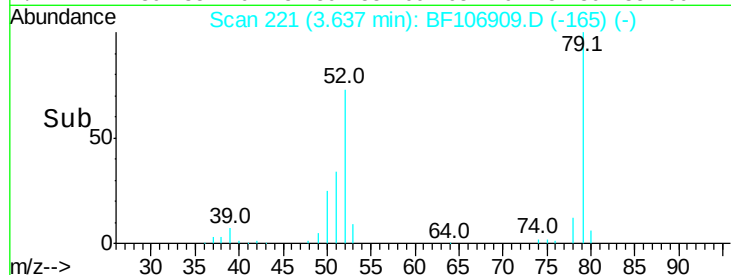
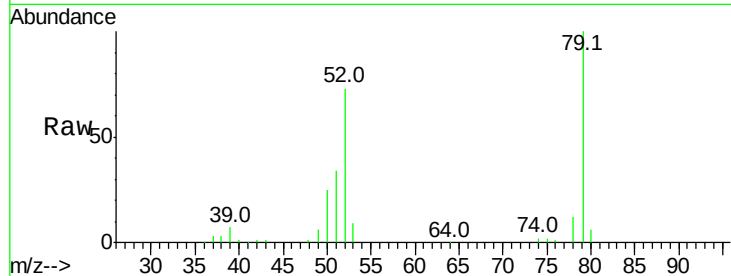
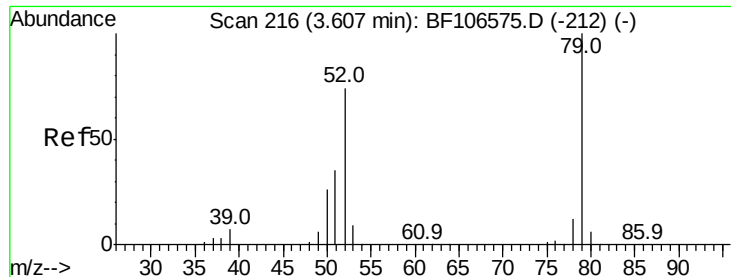


#2

1,4-Dioxane
Concen: 30.988 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	62.6	93.8
43	31.1	24.6	37.0





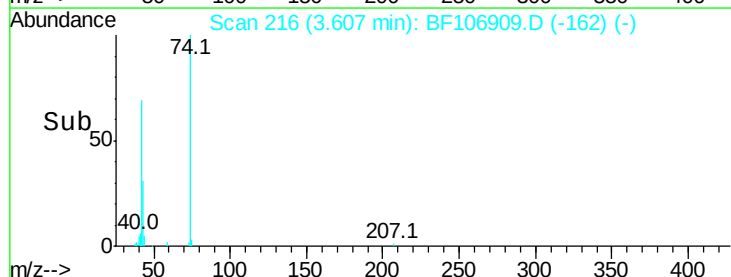
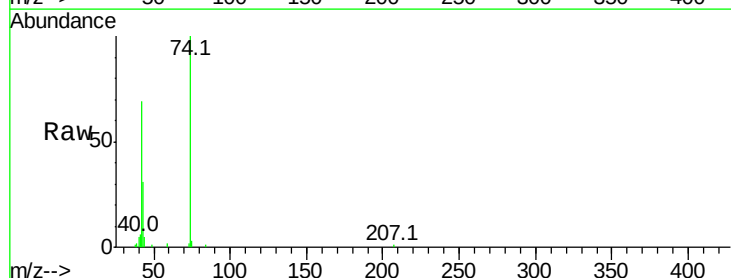
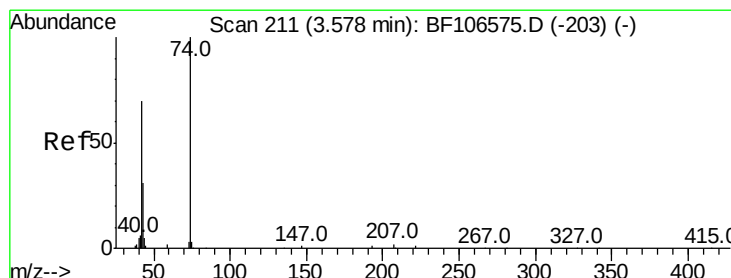
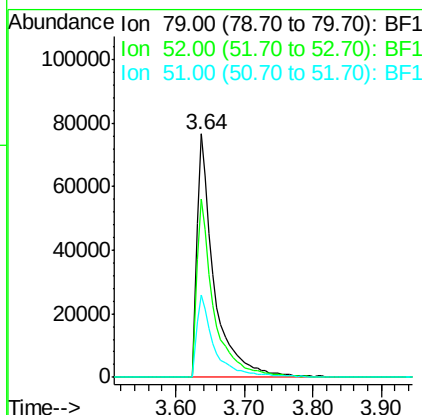
#3
 Pvrindine
 Concen: 35.103 ng
 RT: 3.64 min Scan# 221
 Delta R.T. 0.03 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.5	59.8	89.6
51	33.9	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

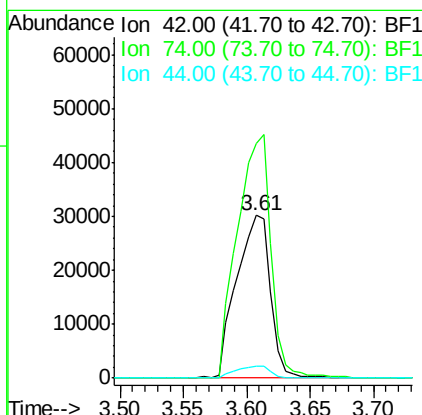
Manual Integrations
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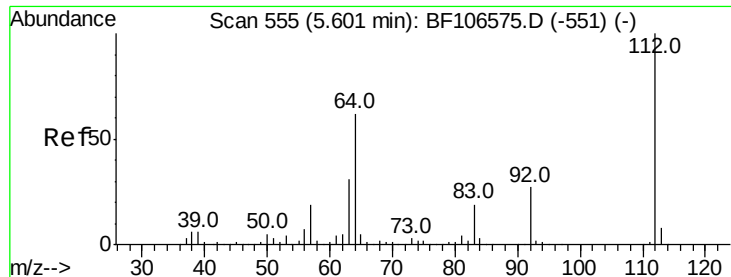
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#4
 n-Nitrosodimethylamine
 Concen: 34.742 ng
 RT: 3.61 min Scan# 216
 Delta R.T. 0.02 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.3	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 87.815 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

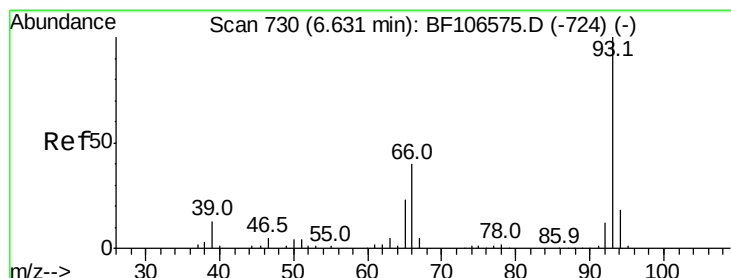
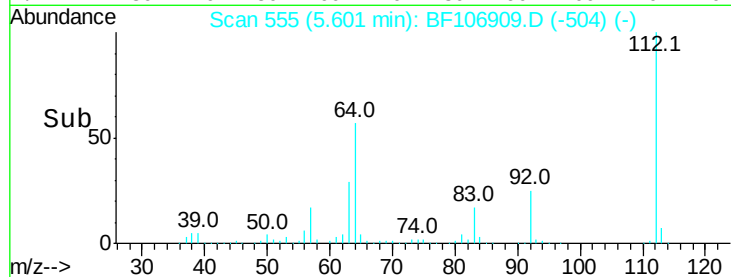
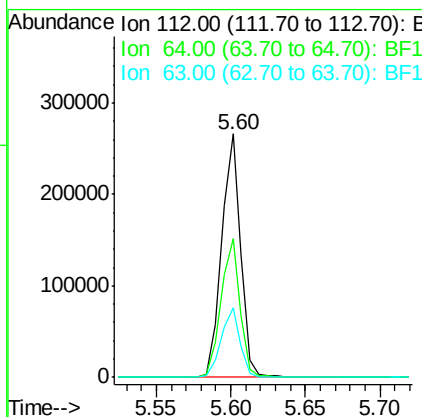
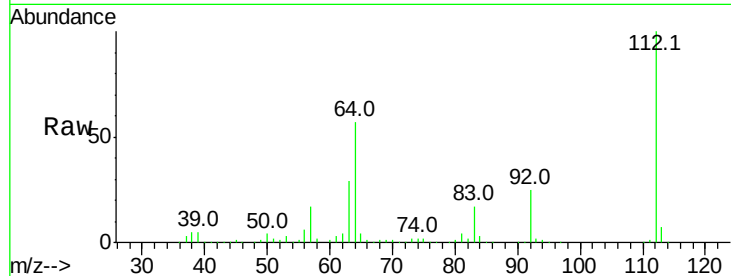
ClientSampleId :

PB110635BS

Tot Ion:	112	Resp:	239868
Ion Ratio	Lower	Upper	
112	100		
64	57.0	47.9	71.9
63	28.5	23.7	35.5

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#6

Aniline

Concen: 33.268 ng

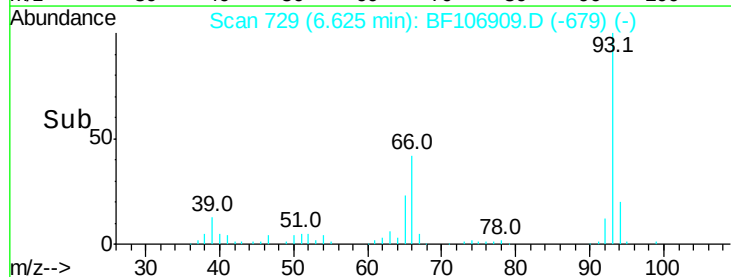
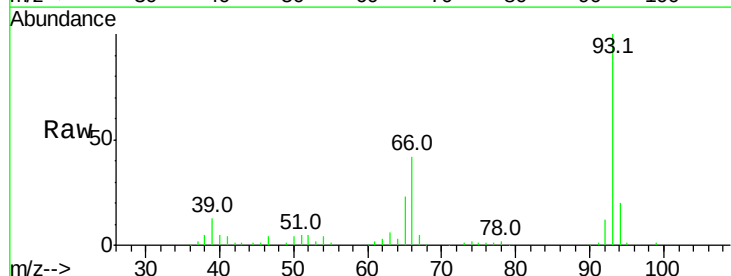
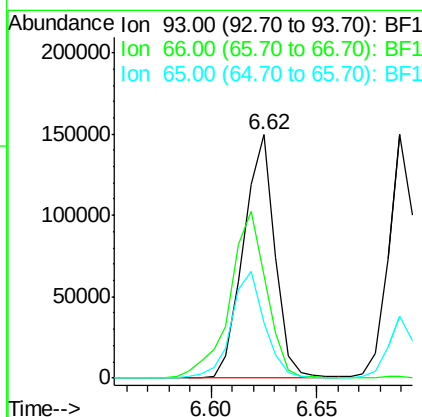
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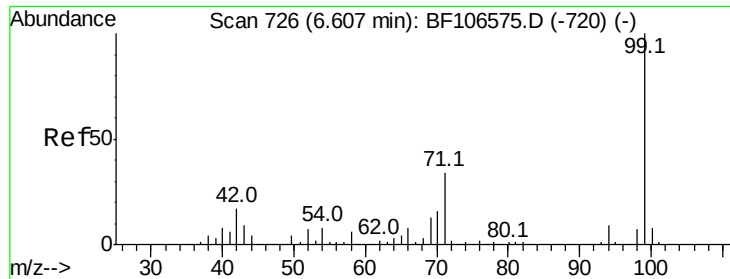
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	93	Resp:	153935
Ion Ratio	Lower	Upper	
93	100		
66	42.1	32.2	48.2
65	22.9	16.4	24.6





#7

Phenol-d6

Concen: 87.254 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

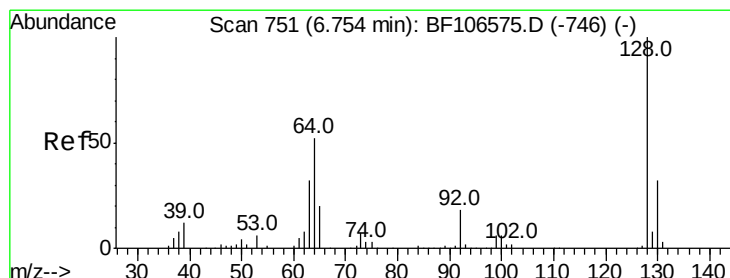
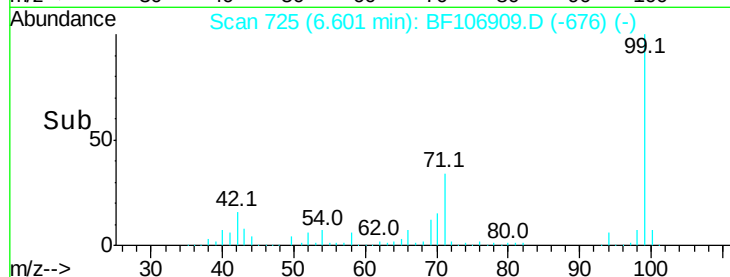
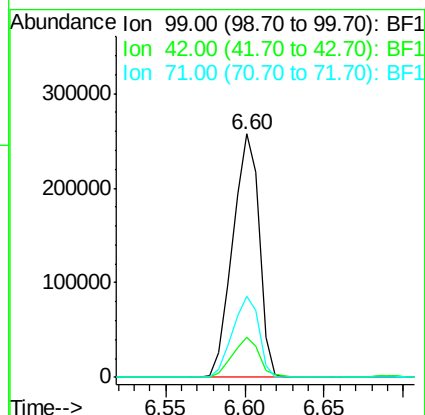
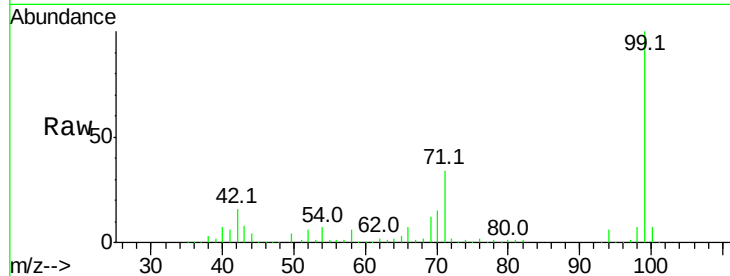
ClientSampleId :

PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	297635		
42	16.3	14.5	21.7	
71	33.5	25.4	38.0	

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.770 ng

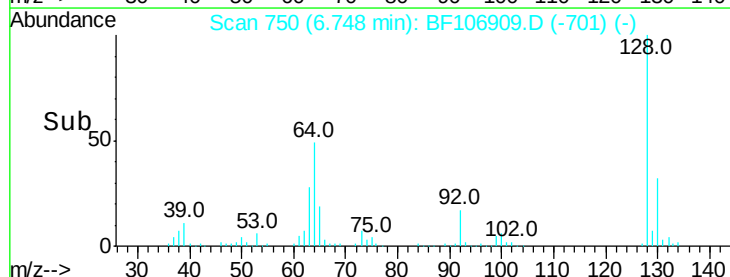
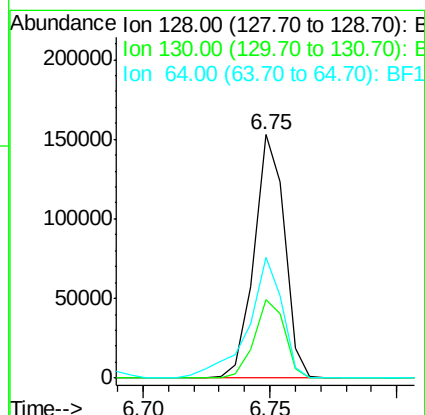
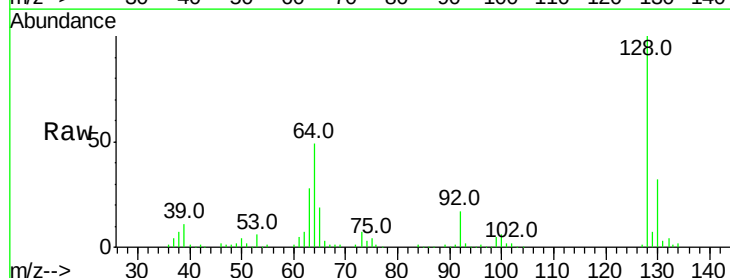
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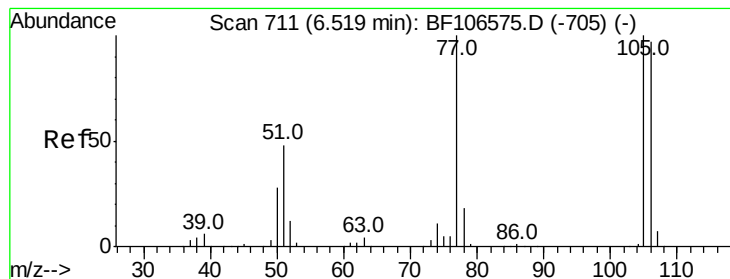
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	128138		
130	32.4	13.0	53.0	
64	49.4	29.4	69.4	





#9

Benzaldehyde

Concen: 29.494 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

ClientSampleID :

PB110635BS

Tot Ion: 77 Resp: 73519

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

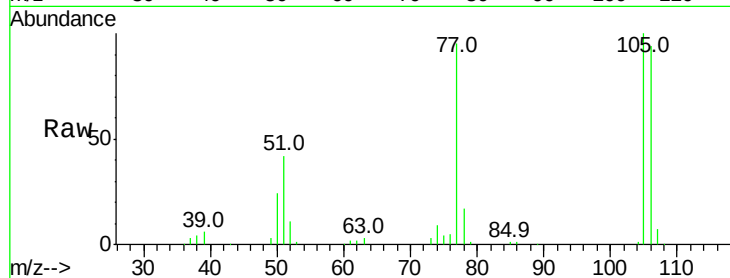
106 98.8 74.5 114.5

Manual Integrations

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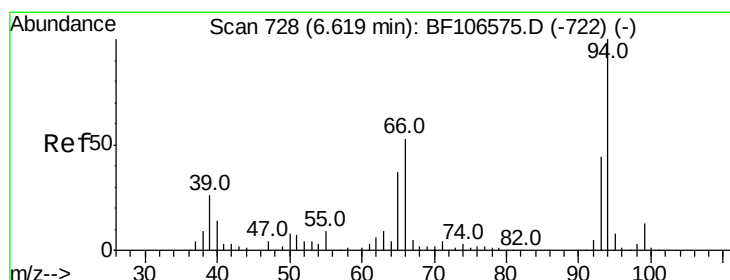
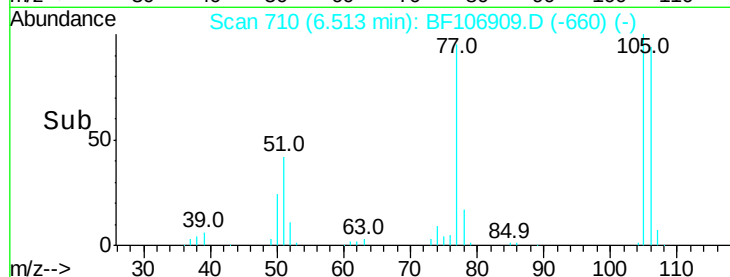
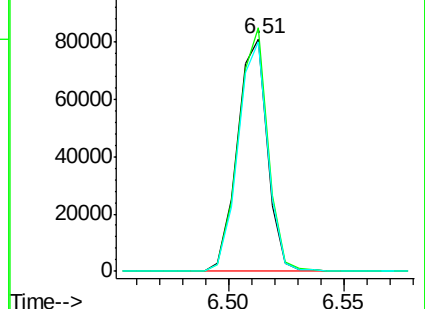
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.313 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

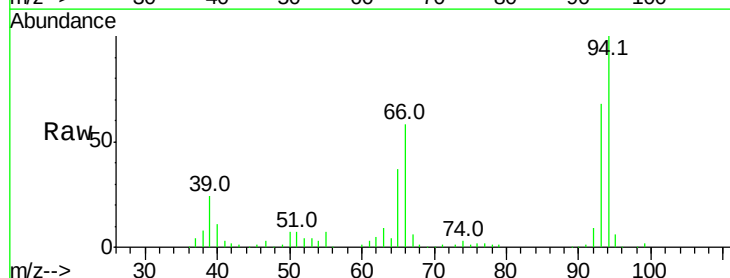
Tgt Ion: 94 Resp: 156933

Ion Ratio Lower Upper

94 100

65 37.4 7.9 47.9

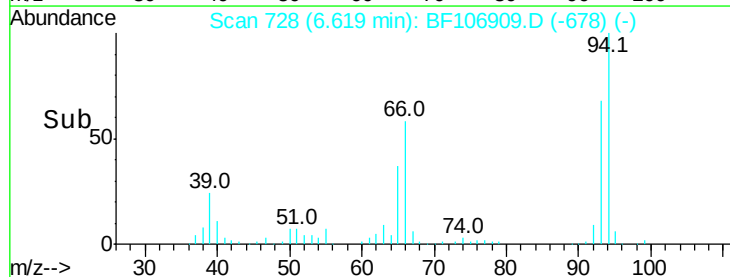
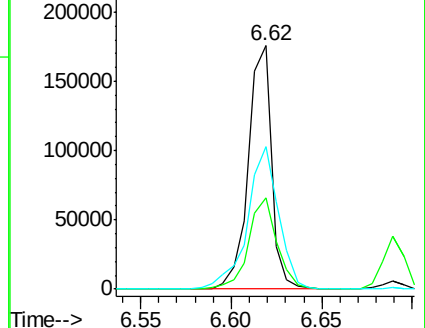
66 58.3 16.2 56.2#

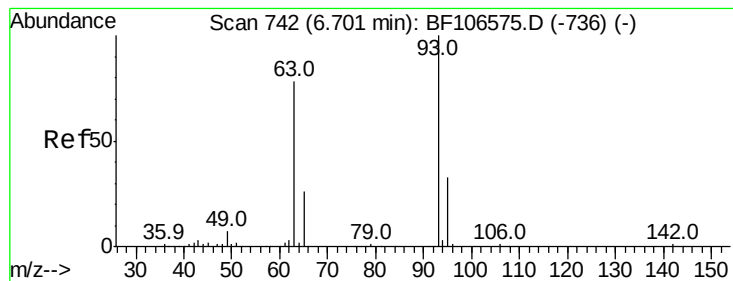


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





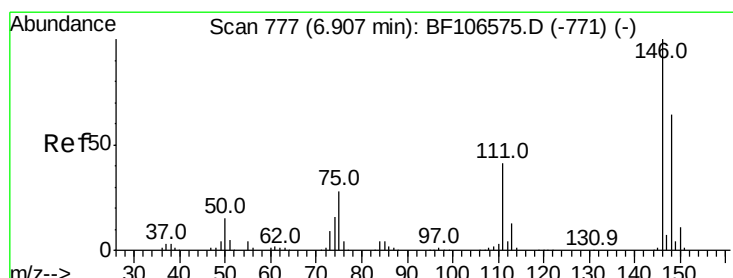
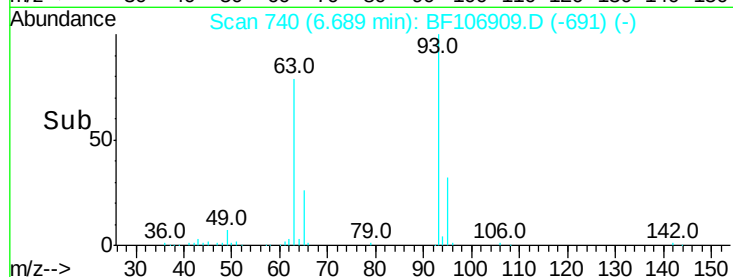
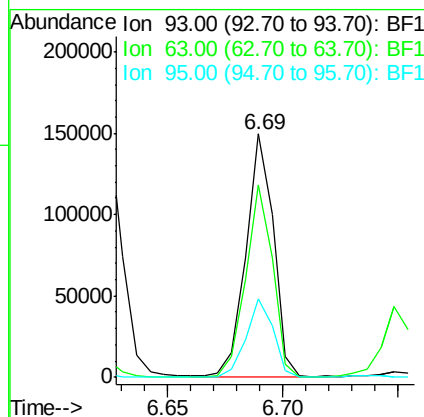
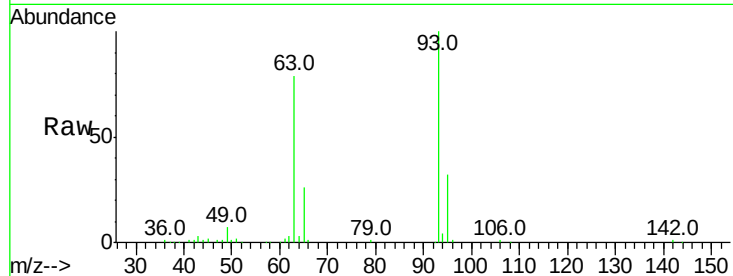
#11
bis(2-Chloroethyl)ether
Concen: 38.680 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	79.0	58.6	98.6
95	32.3	11.8	51.8

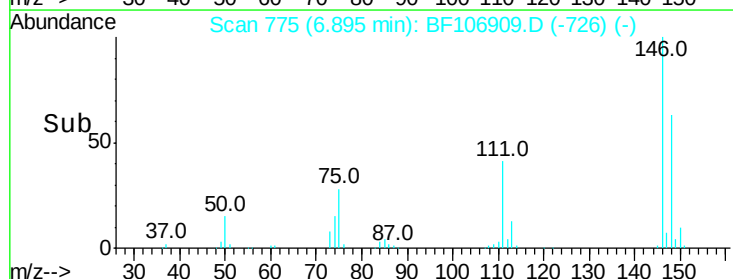
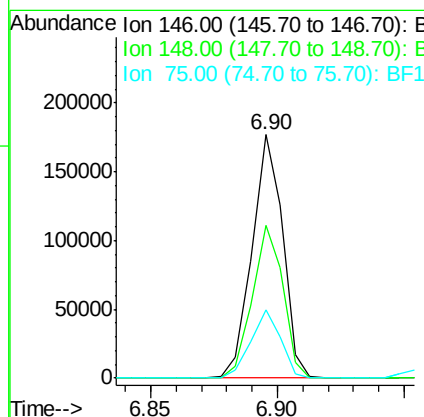
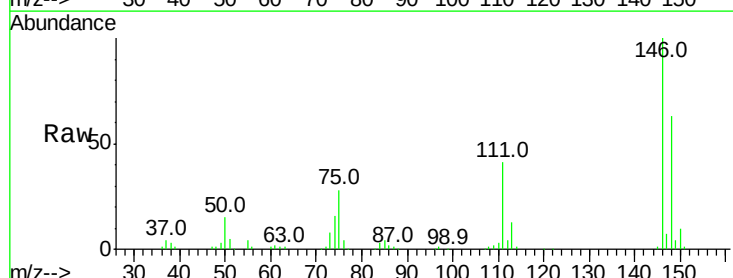
Manual Integrations
APPROVED

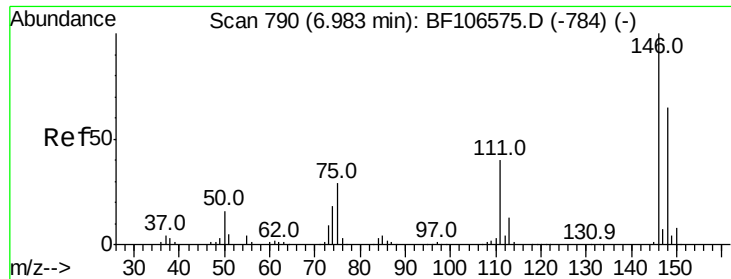
Sohil
6/28/2018 2:21:43 PM



#12
1,3-Dichlorobenzene
Concen: 42.316 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.6	51.8	77.8
75	28.0	24.2	36.4





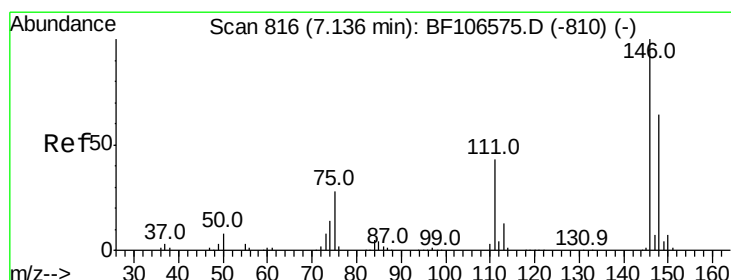
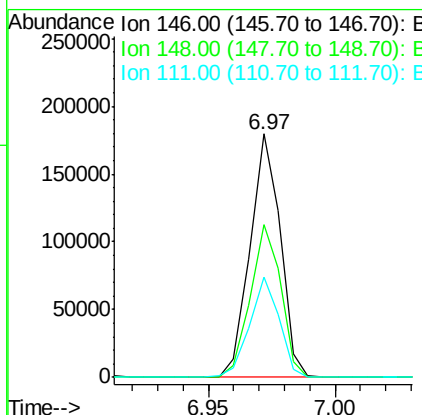
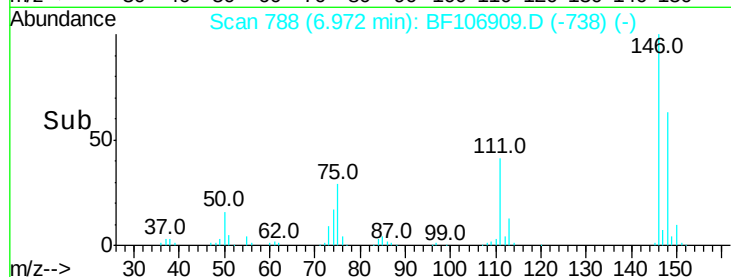
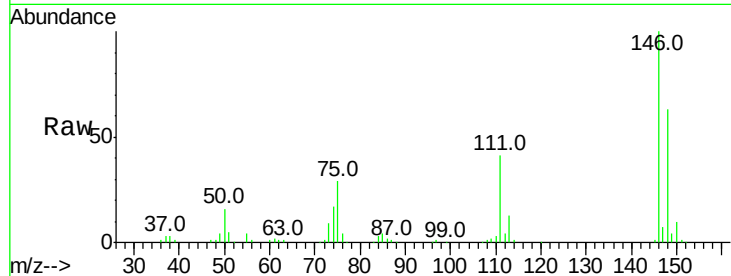
#13
 1,4-Dichlorobenzene
 Concen: 42.055 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	41.3	34.2	51.2

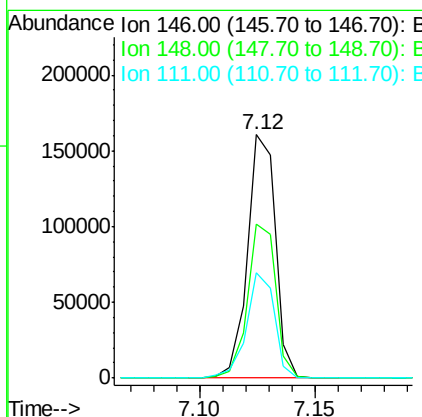
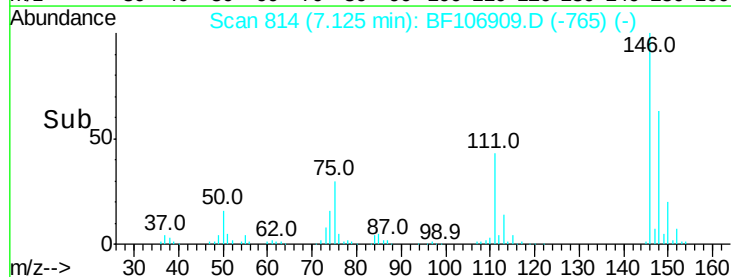
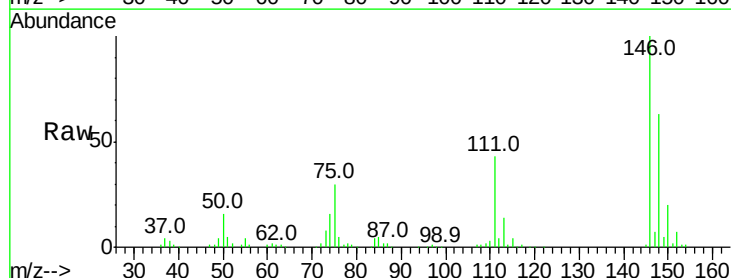
Manual Integrations
 APPROVED

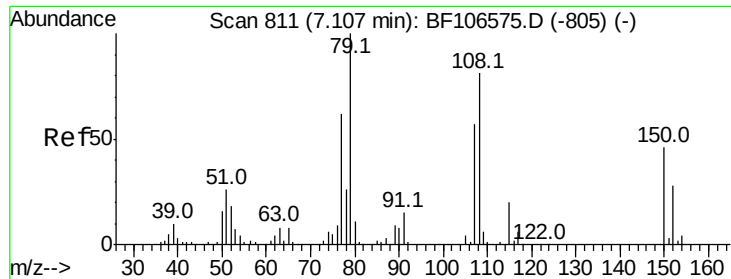
Sohil
 6/28/2018 2:21:43 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.956 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	43.3	36.0	54.0





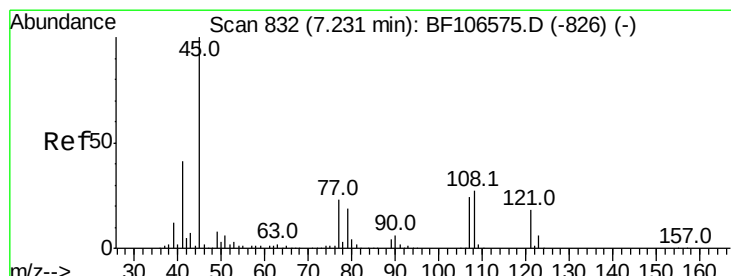
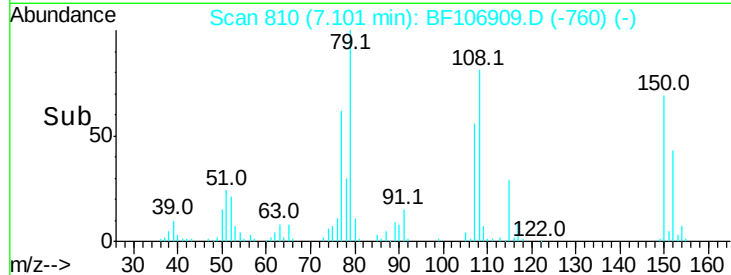
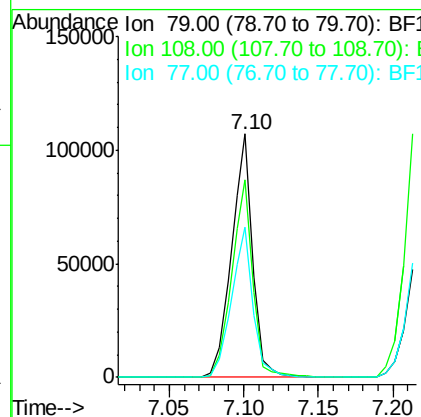
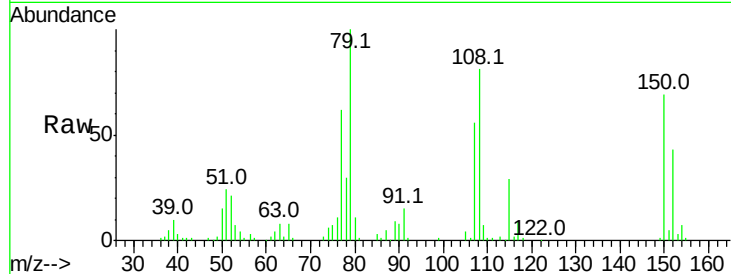
#15
Benzyl Alcohol
Concen: 39.107 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Resp Lower	Upper
79	100		
108	81.3	65.1	97.7
77	61.5	50.6	75.8

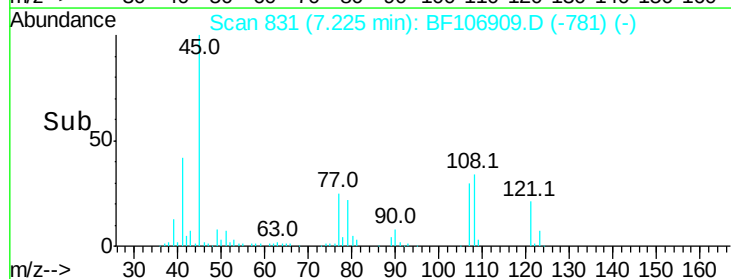
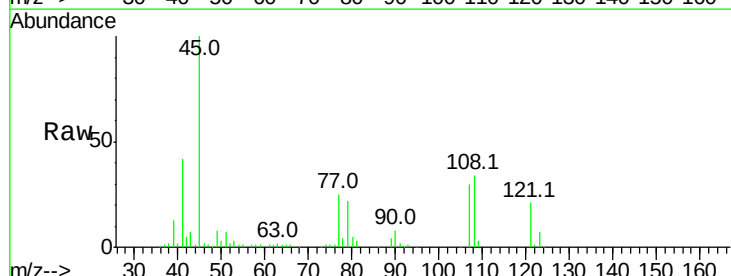
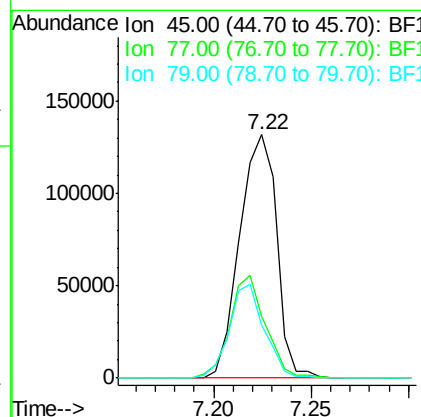
Manual Integrations
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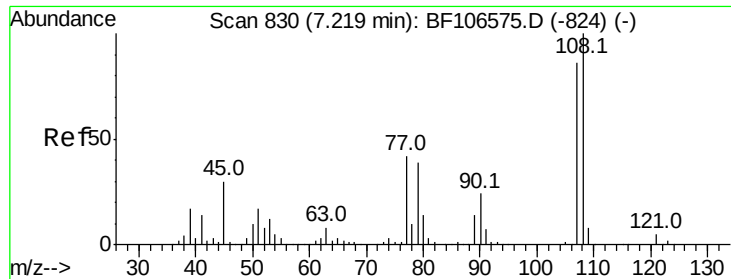
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.115 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	25.3	0.0	32.9
79	21.6	0.0	29.6





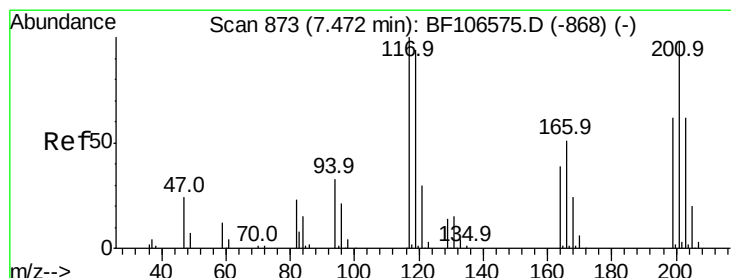
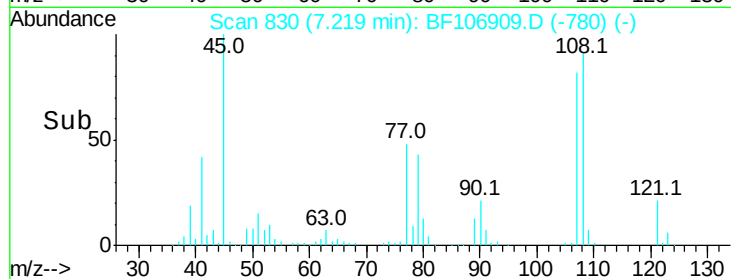
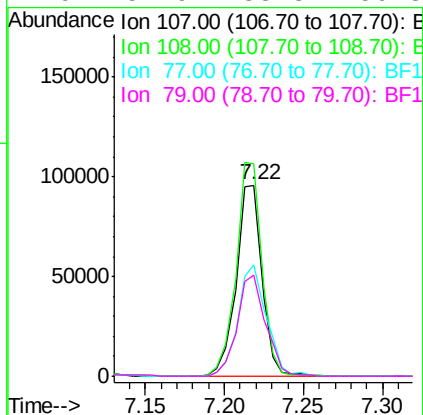
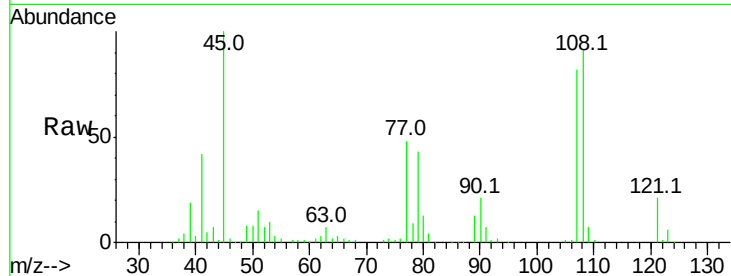
#17
2-Methylphenol
Concen: 42.153 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.7	137.5
77	58.1	33.8	50.8#
79	52.9	33.8	50.8#

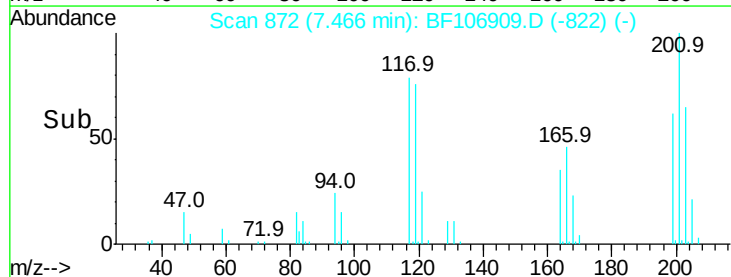
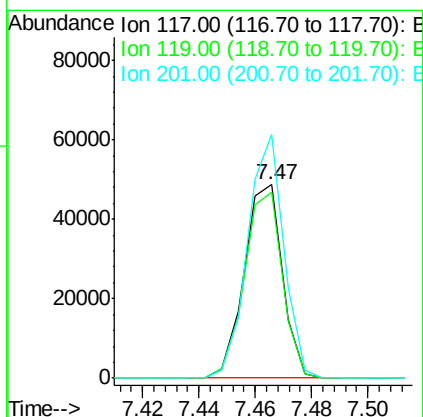
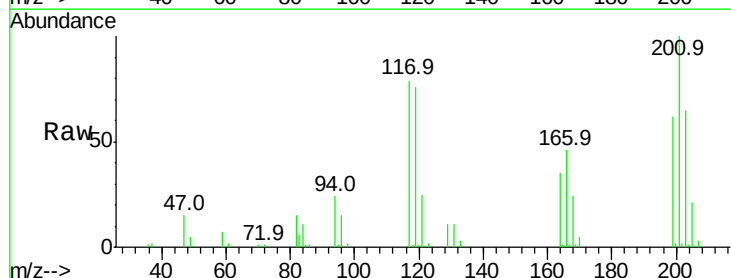
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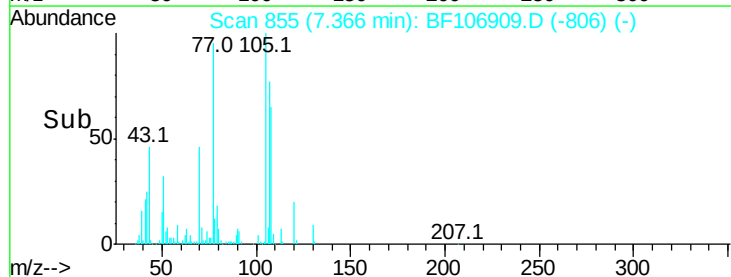
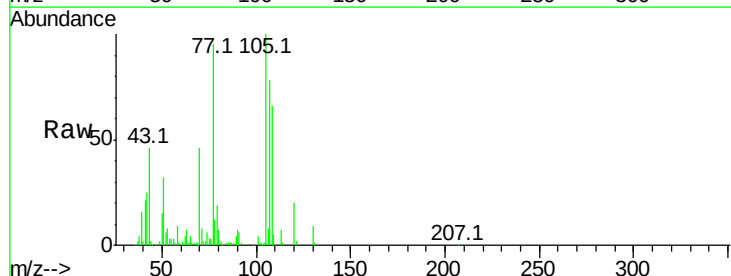
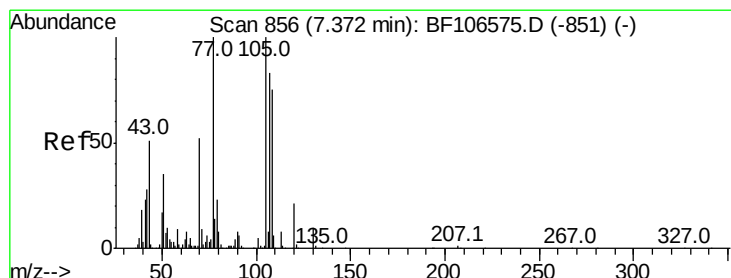
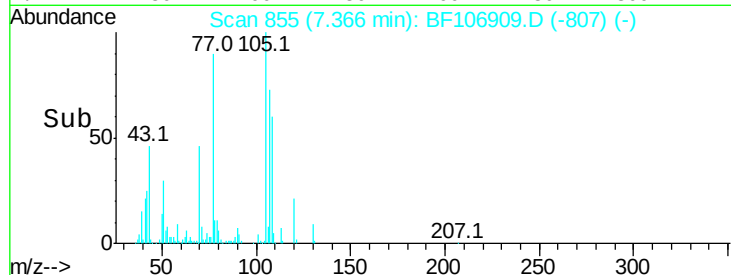
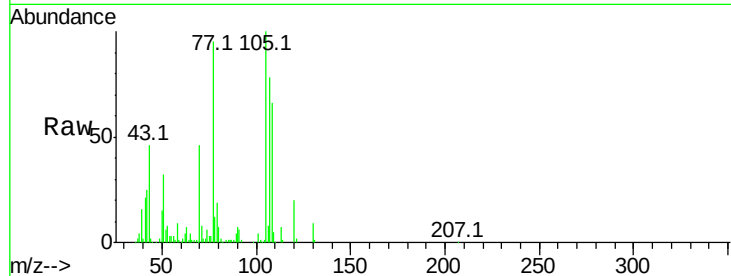
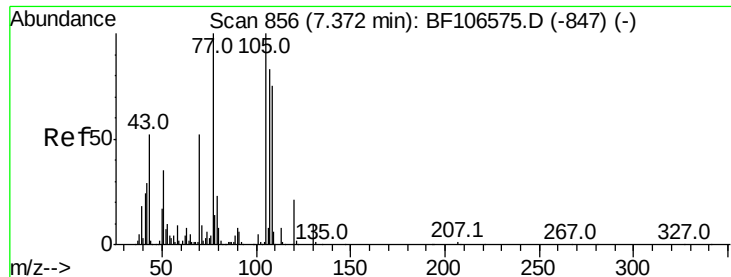
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#18
Hexachloroethane
Concen: 36.560 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	125.8	75.7	113.5#





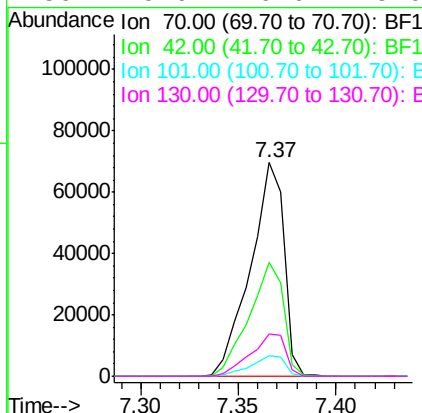
#19
n-Nitroso-di-n-propylamine
Concen: 37.140 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampled :
PB110635BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	9.5	7.4	11.2
130	19.9	16.6	25.0

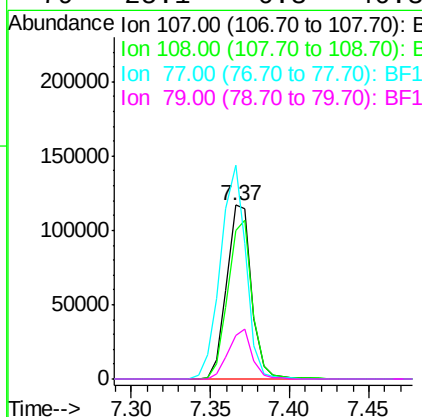
Manual Integrations
APPROVED

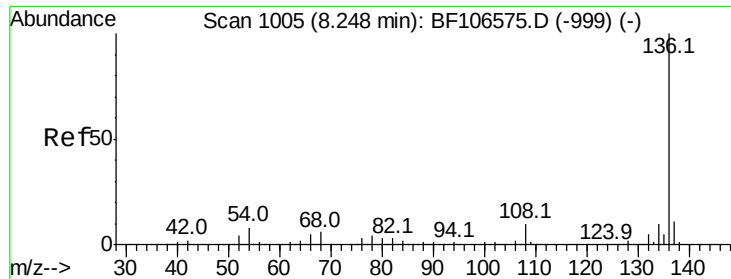
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#20
3+4-Methylphenols
Concen: 46.470 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	68.2	108.2
77	122.7	26.7	66.7#
79	25.1	6.3	46.3





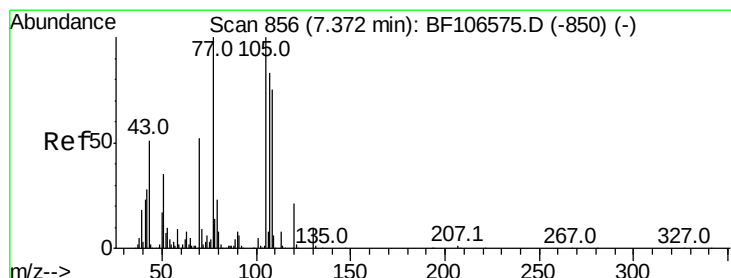
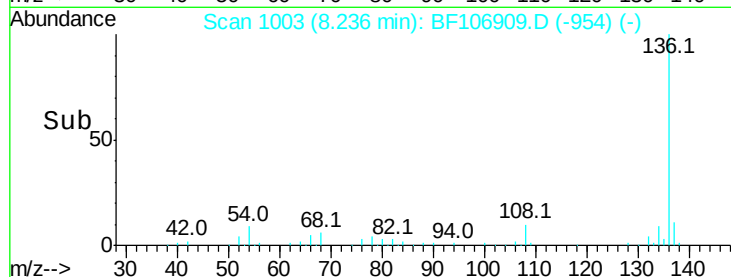
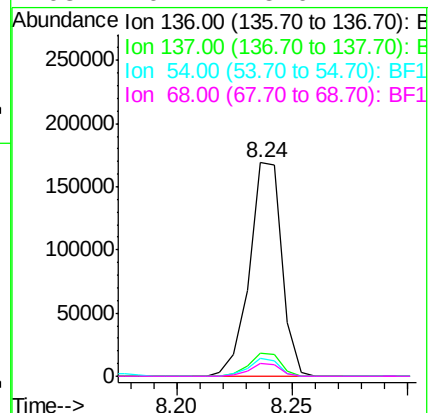
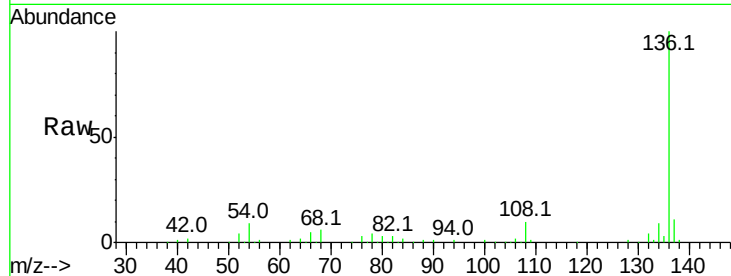
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampled :
PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	166531		
137	10.8	8.9	13.3	
54	8.6	6.6	9.8	
68	6.1	5.0	7.4	

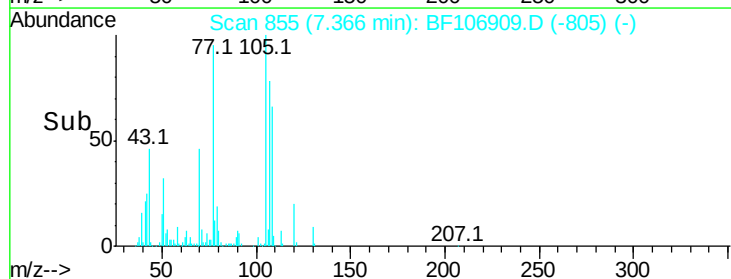
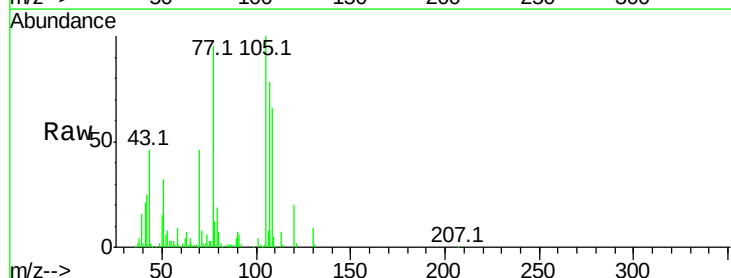
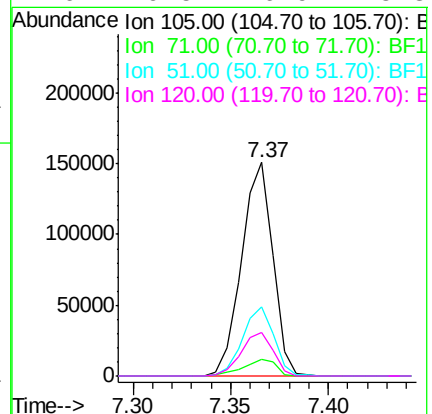
Manual Integrations
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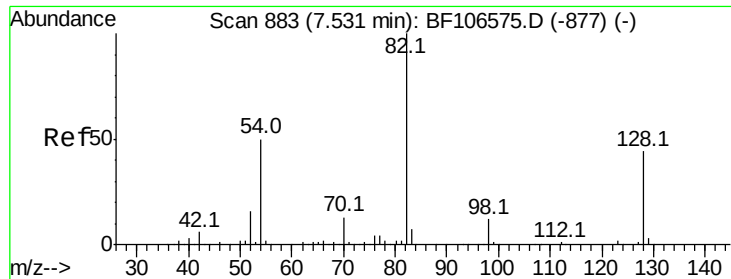
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#22
Acetophenone
Concen: 44.872 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167180		
71	7.8	4.4	6.6#	
51	32.2	22.3	33.5	
120	20.5	16.9	25.3	





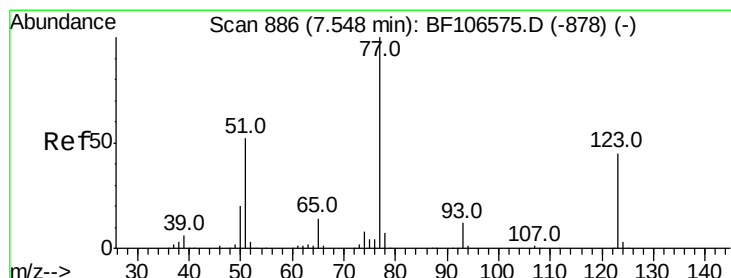
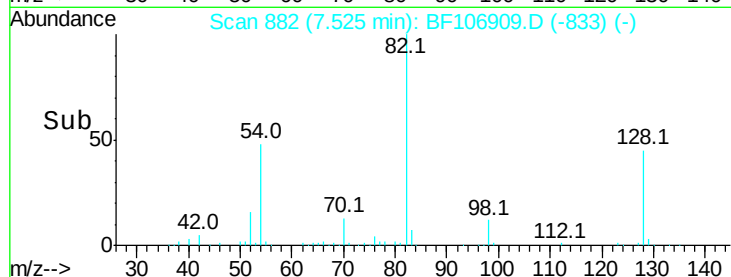
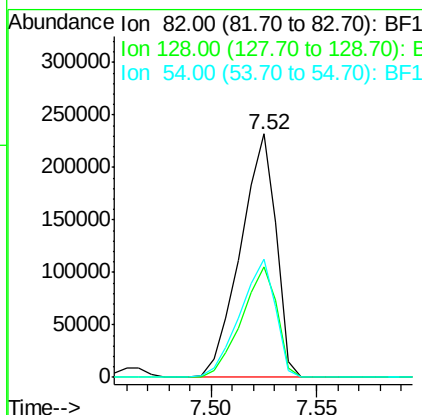
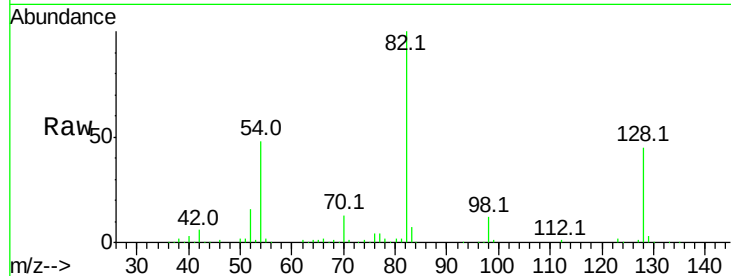
#23
 Nitrobenzene-d5
 Concen: 90.423 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	36.1	54.1	
54	48.3	41.4	62.2	

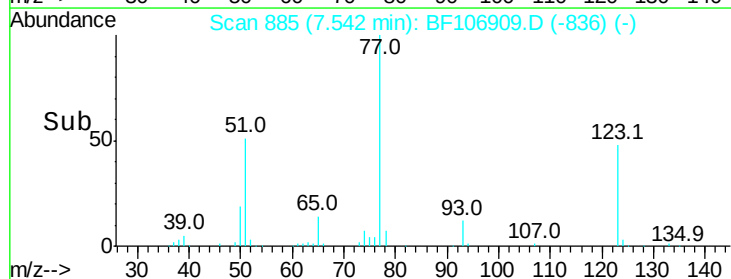
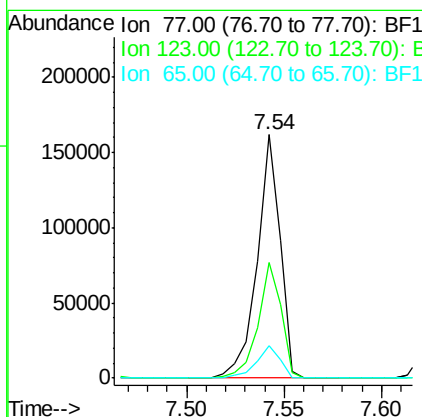
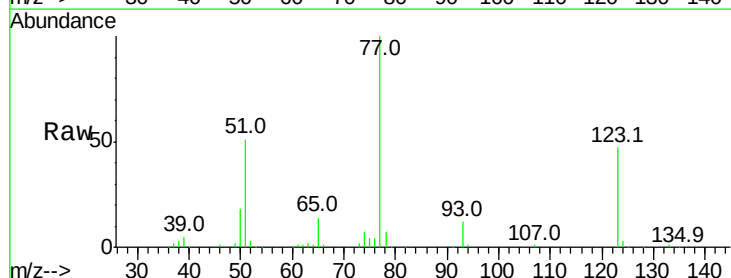
Manual Integrations
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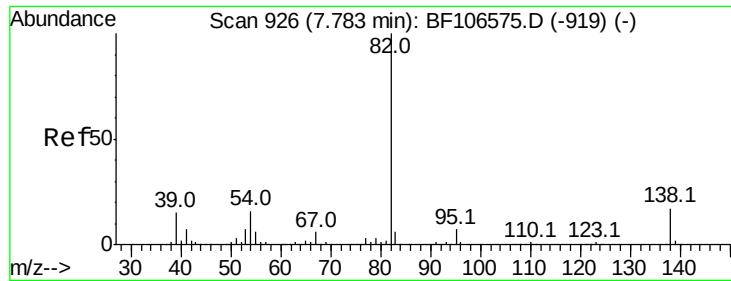
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#24
 Nitrobenzene
 Concen: 43.162 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.4	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 46.035 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

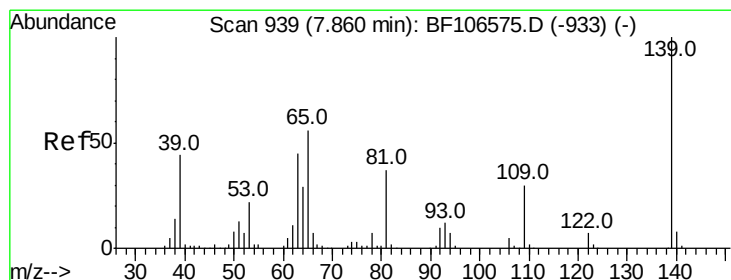
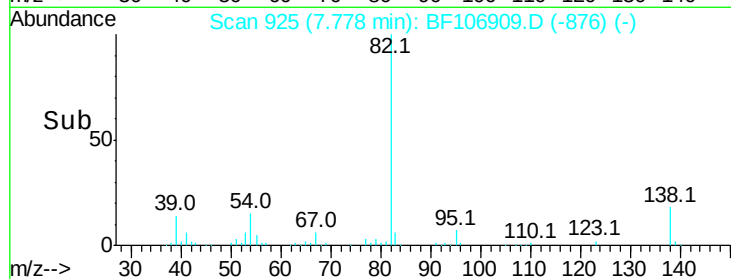
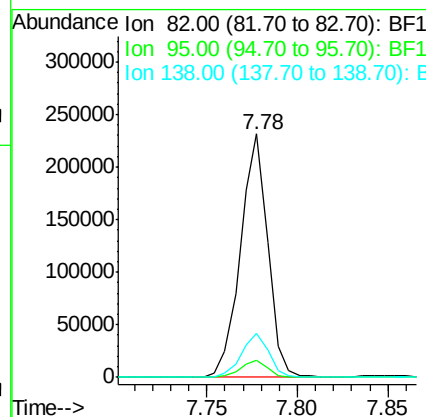
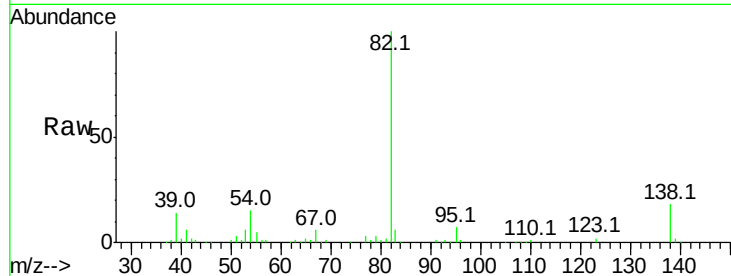
ClientSampleId :

PB110635BS

Tot Ion:	82	Resp:	243085
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.040 ng

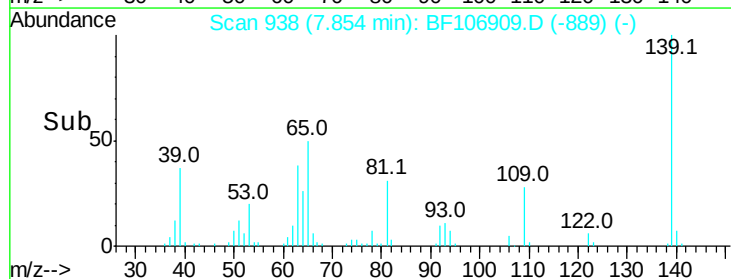
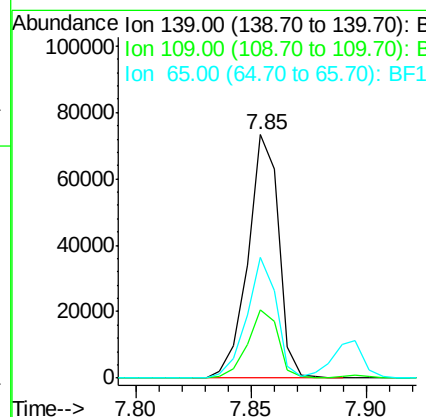
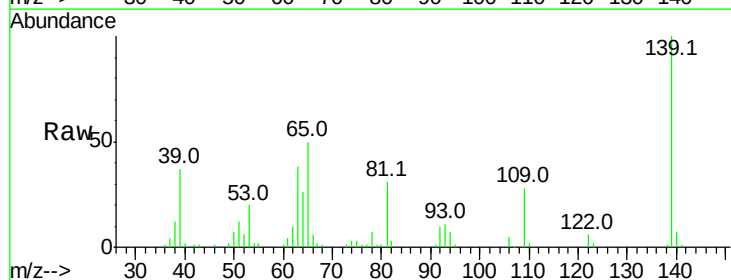
RT: 7.85 min Scan# 938

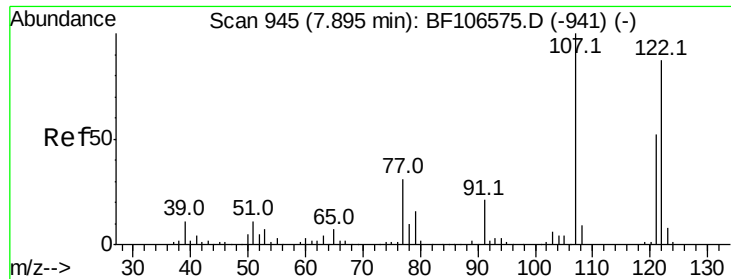
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	139	Resp:	67937
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.7	34.1
65	49.8	40.5	60.7





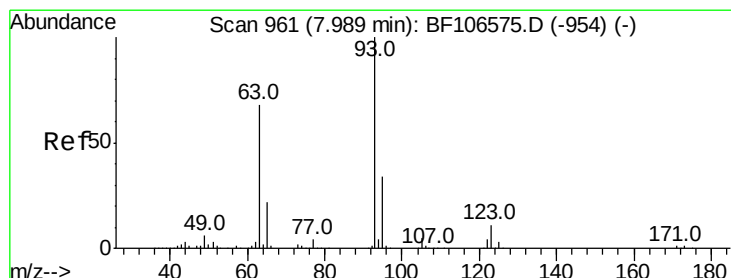
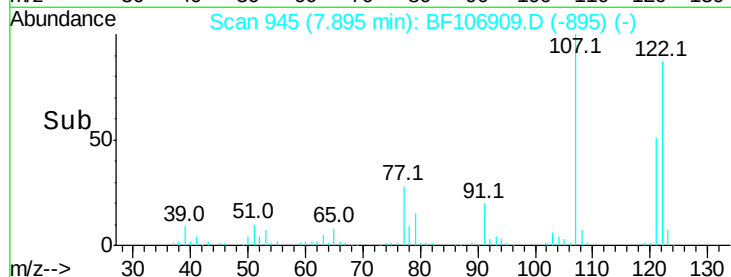
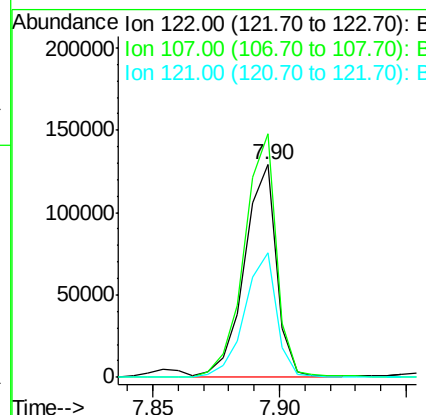
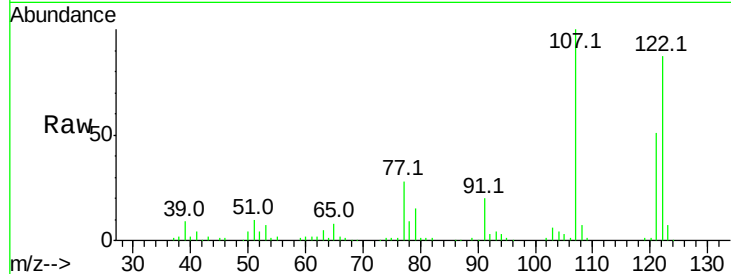
#27
 2,4-Dimethylphenol
 Concen: 51.328 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	114.7	91.2	136.8
121	58.5	47.2	70.8

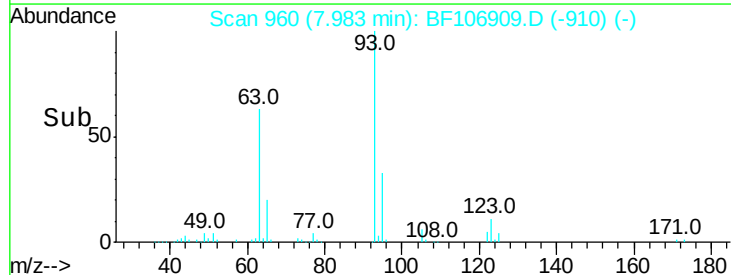
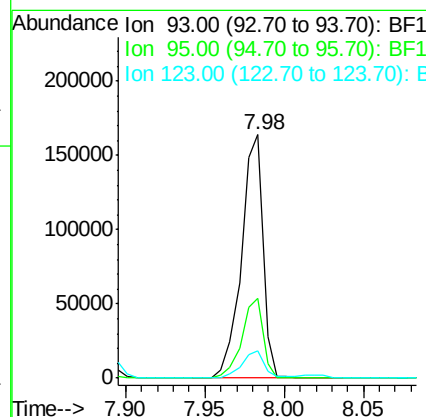
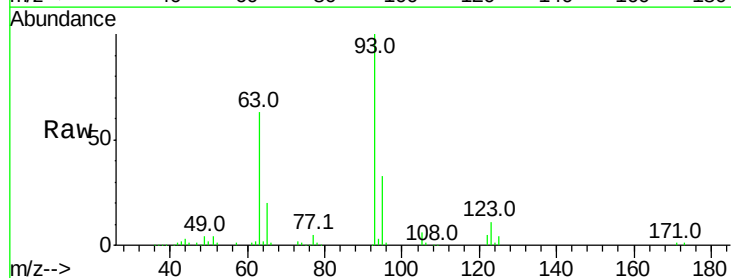
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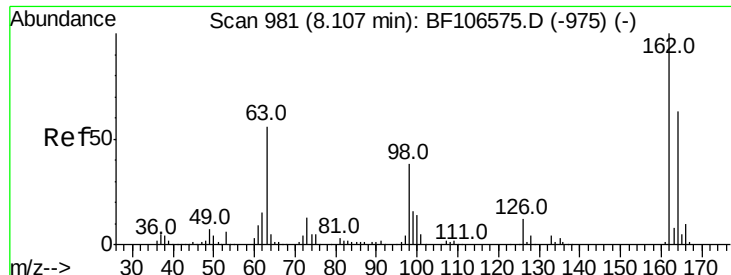
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.772 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.4	9.8	14.6





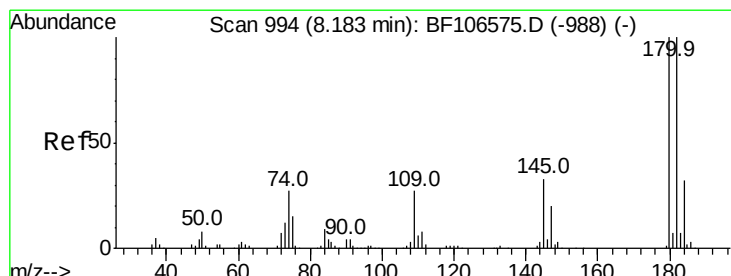
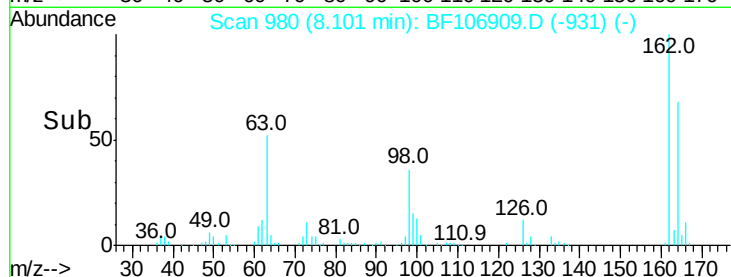
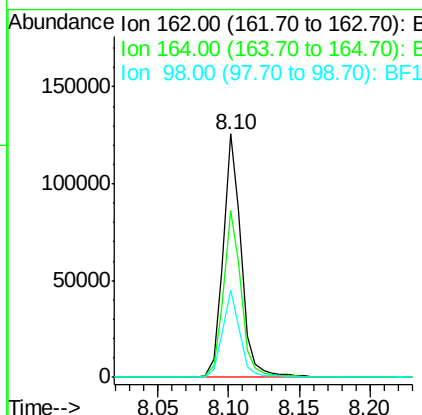
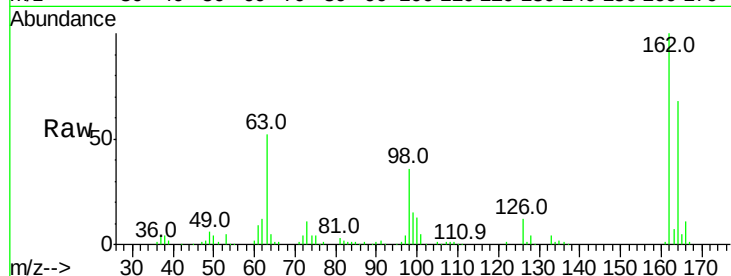
#29
2,4-Dichlorophenol
Concen: 47.785 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.3	42.7	82.7
98	36.0	18.1	58.1

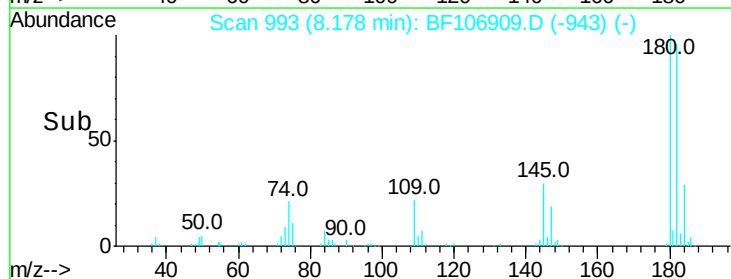
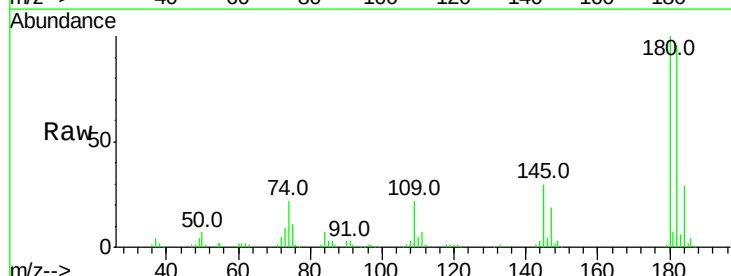
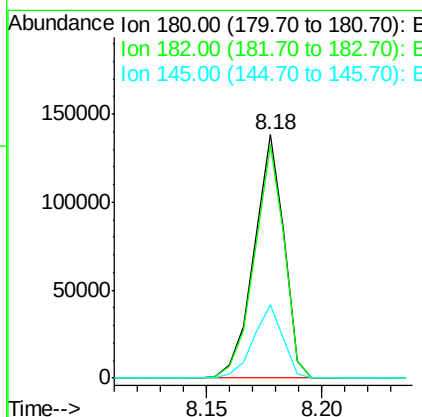
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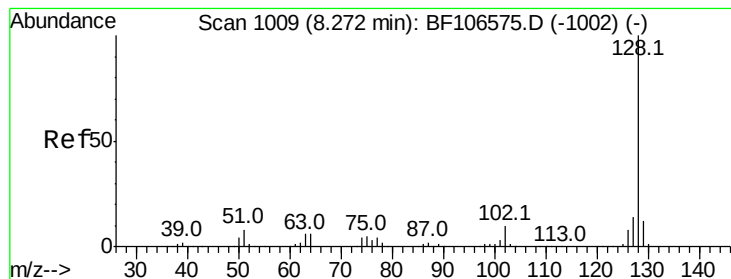
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#30
1,2,4-Trichlorobenzene
Concen: 48.317 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	76.8	115.2
145	30.1	26.5	39.7





#31

Naphthalene

Concen: 45.669 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

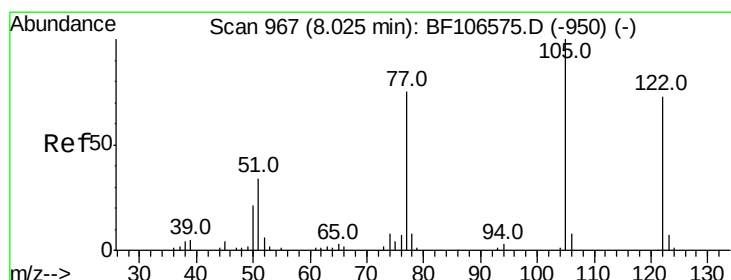
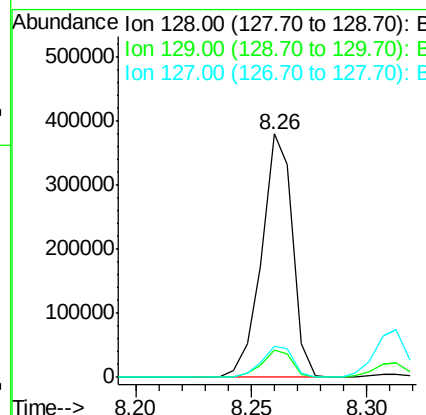
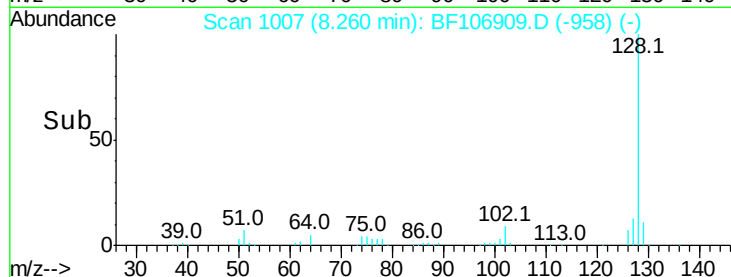
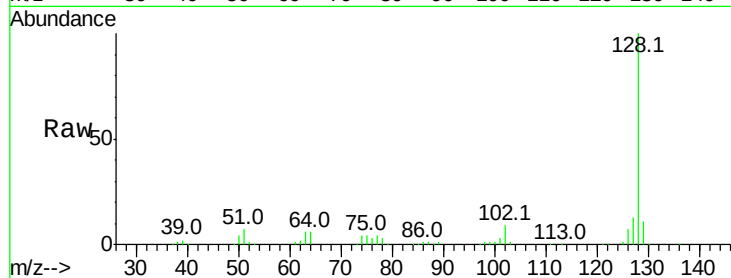
ClientSampleId :

PB110635BS

Tot Ion:	128	Resp:	355568
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	12.8	10.9	16.3

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#32

Benzoic acid

Concen: 39.165 ng

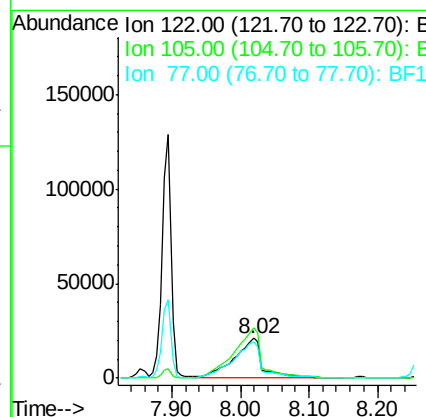
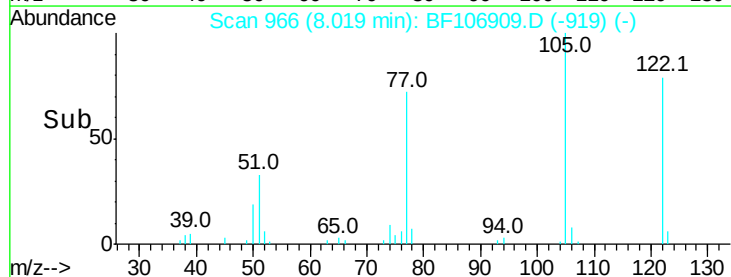
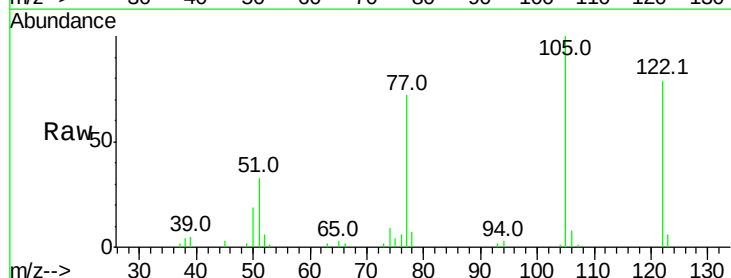
RT: 8.02 min Scan# 966

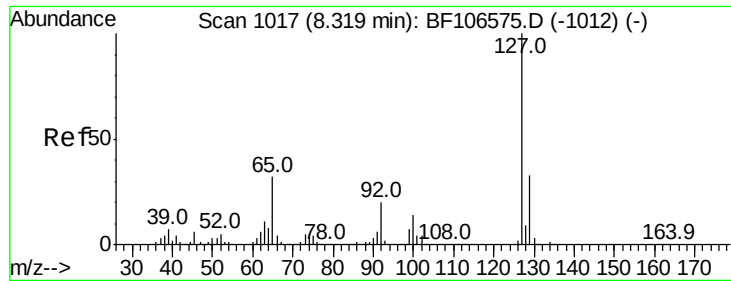
Delta R.T. -0.02 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	122	Resp:	61649
Ion Ratio	Lower	Upper	
122	100		
105	126.2	101.1	141.1
77	91.0	70.7	110.7





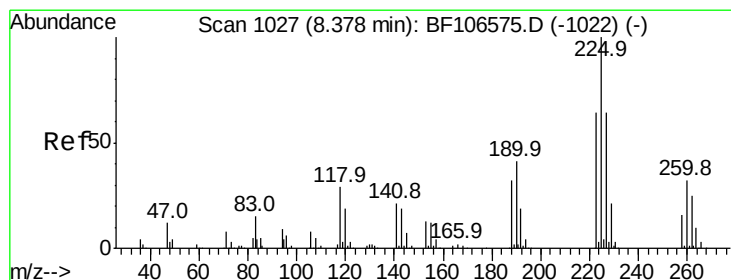
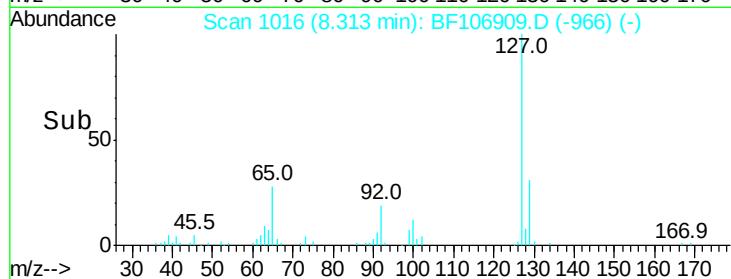
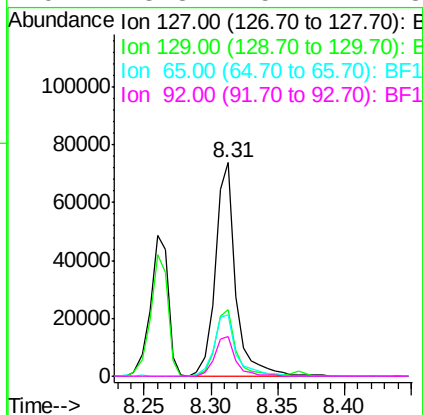
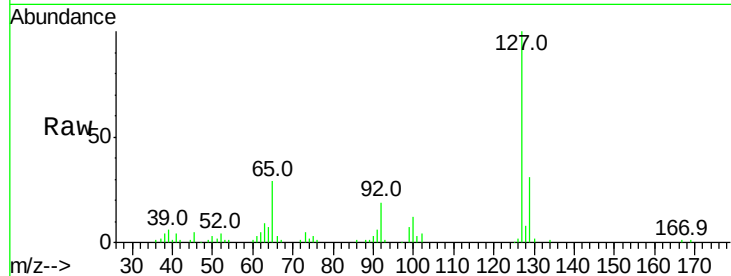
#33
4-Chloroaniline
Concen: 24.354 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.9	38.9		
65	28.9	25.0	37.4		
92	18.8	15.2	22.8		

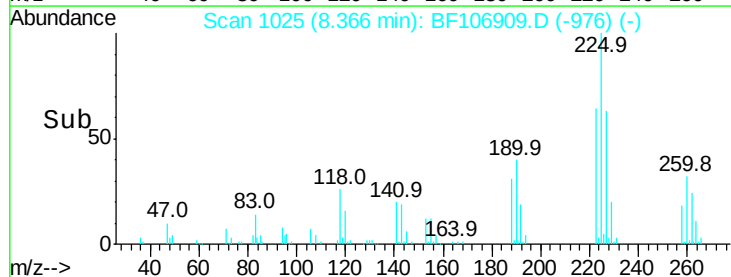
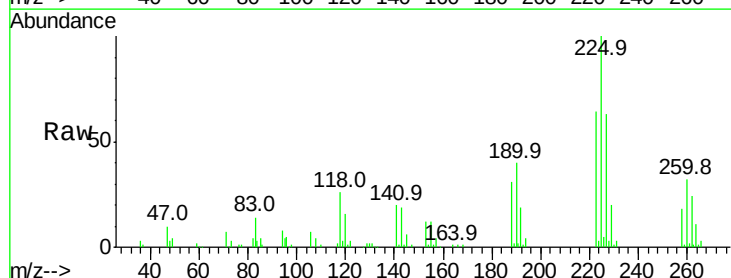
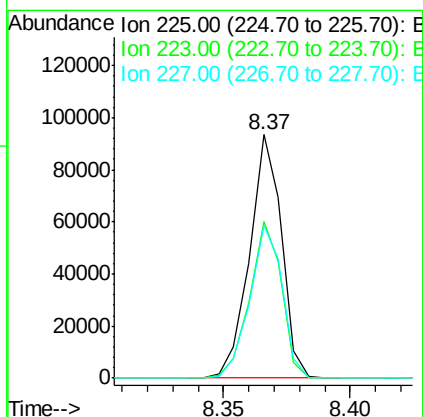
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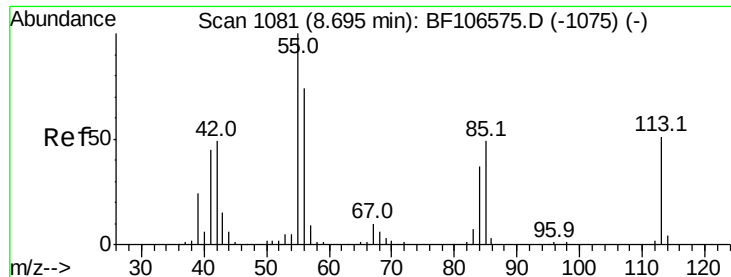
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#34
Hexachlorobutadiene
Concen: 48.642 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	50.6	76.0		
227	62.7	51.9	77.9		





#35

Caprolactam

Concen: 43.277 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

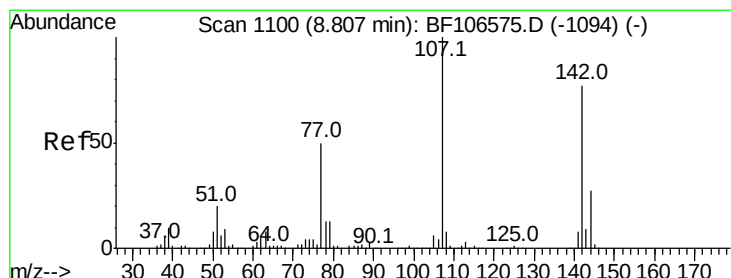
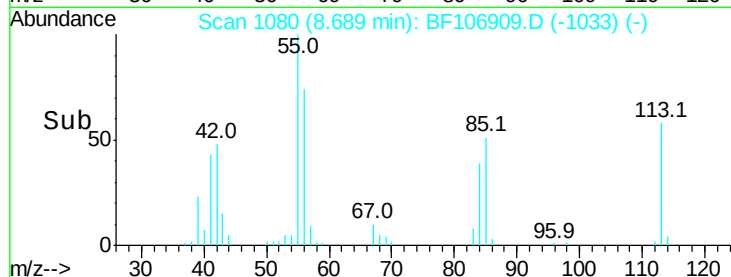
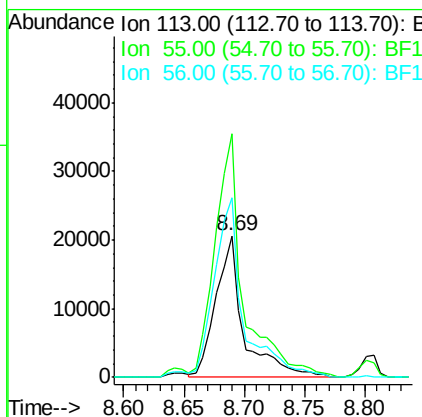
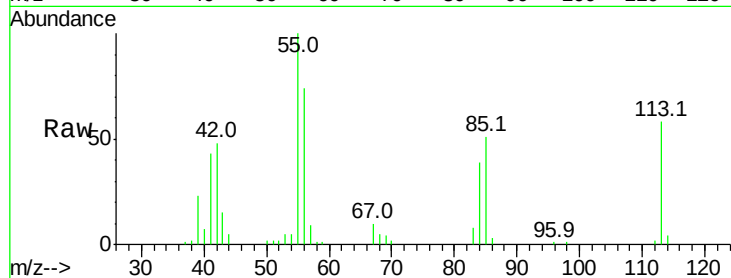
ClientSampleId :

PB110635BS

Tot Ion:	113	Resp:	32969
Ion	Ratio	Lower	Upper
113	100		
55	171.9	163.3	203.3
56	126.6	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 45.502 ng

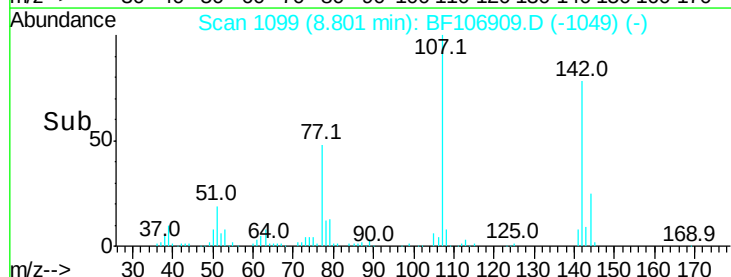
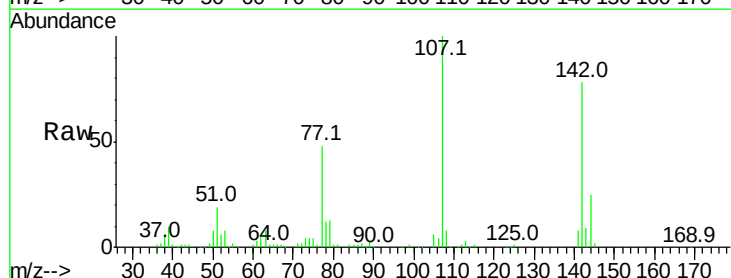
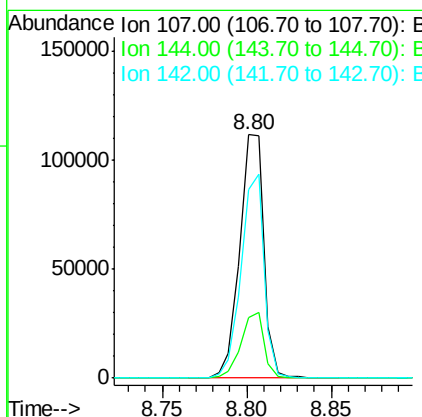
RT: 8.80 min Scan# 1099

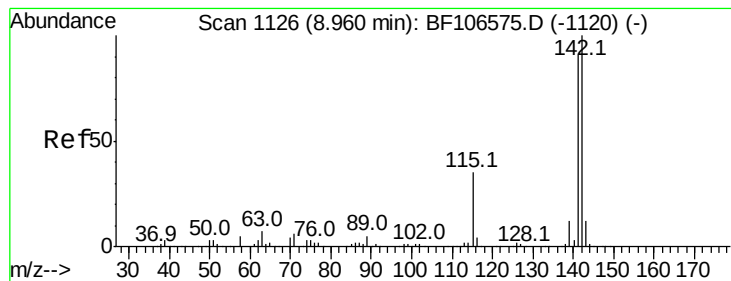
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	107	Resp:	111932
Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.5	30.7
142	77.7	62.0	93.0





#37

2-Methylnaphthalene

Concen: 48.690 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

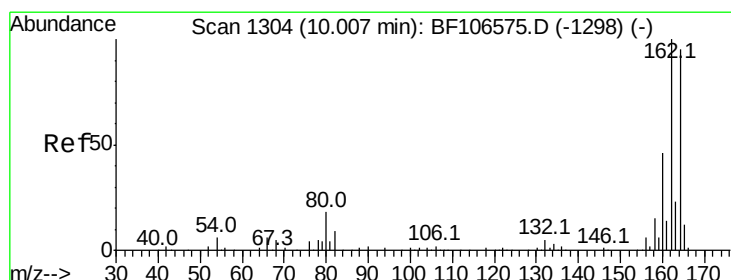
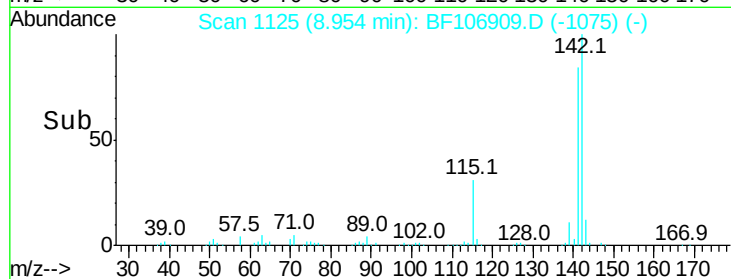
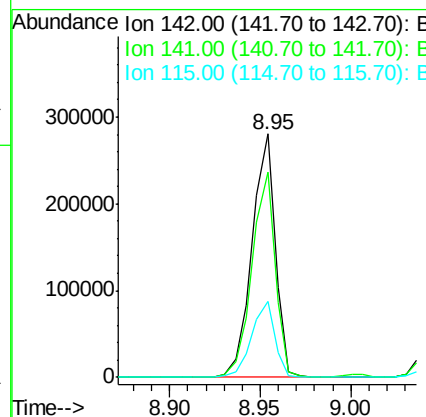
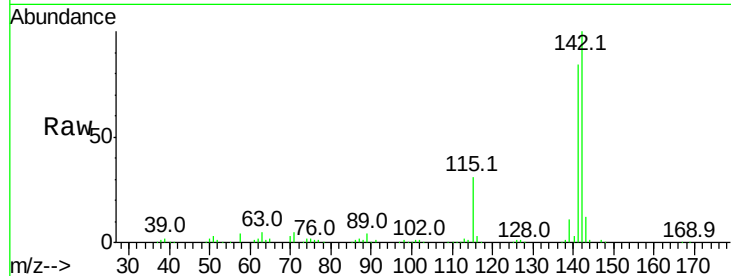
ClientSampleId :

PB110635BS

Tot Ion:	142	Resp:	251273
Ion Ratio	Lower	Upper	
142	100		
141	84.4	70.8	106.2
115	31.1	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

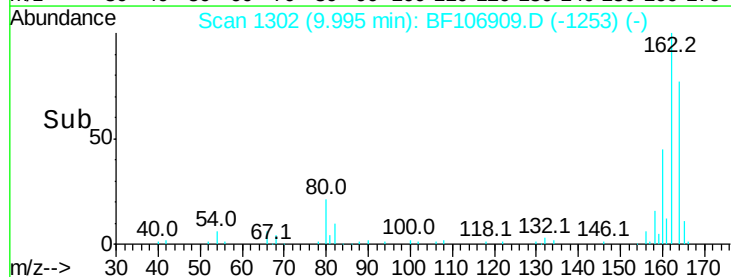
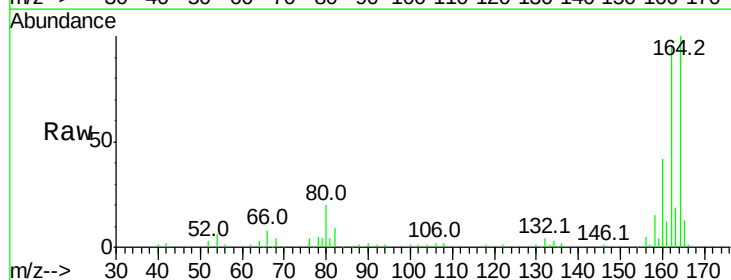
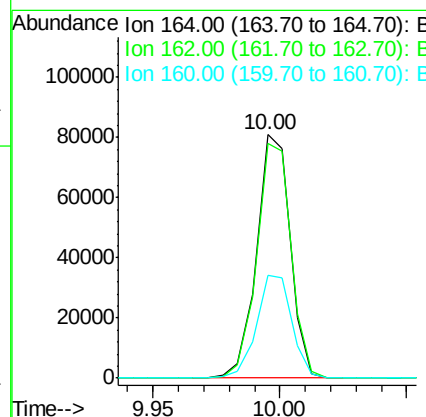
RT: 10.00 min Scan# 1302

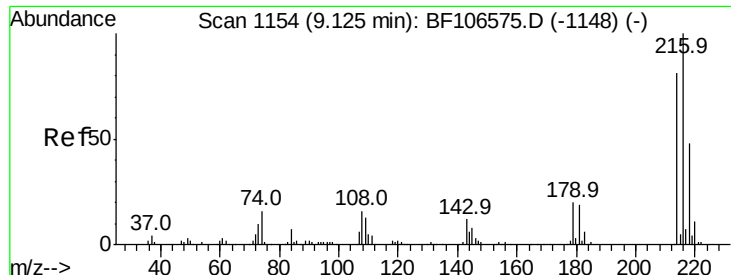
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	164	Resp:	74902
Ion Ratio	Lower	Upper	
164	100		
162	96.2	86.1	129.1
160	42.3	38.3	57.5





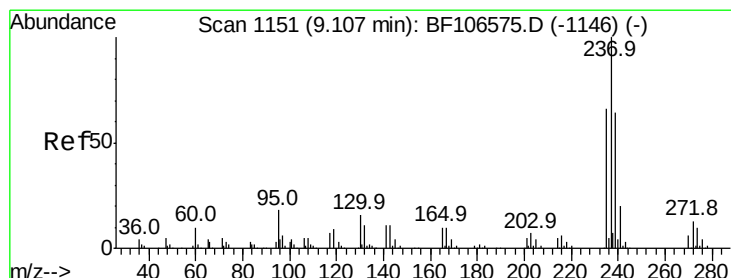
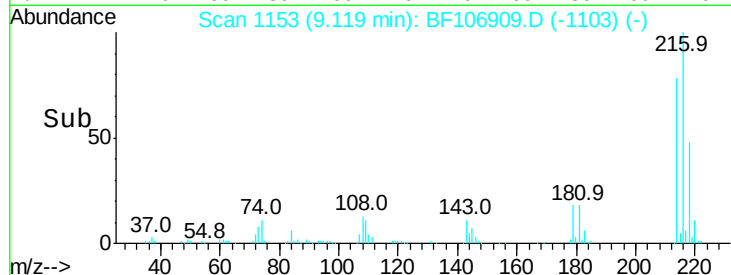
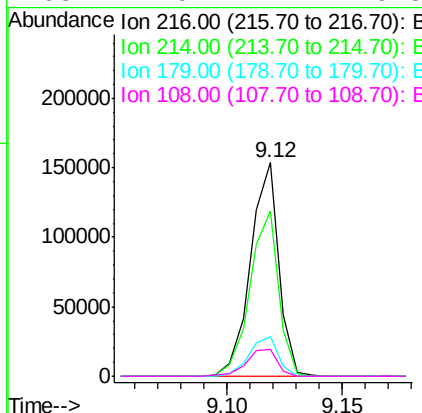
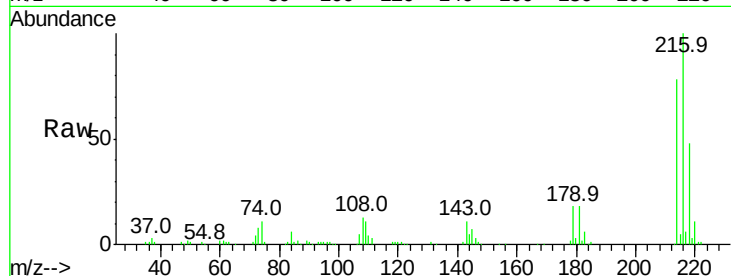
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.297 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	63.0	94.4
179	19.4	18.1	27.1
108	14.0	17.2	25.8#

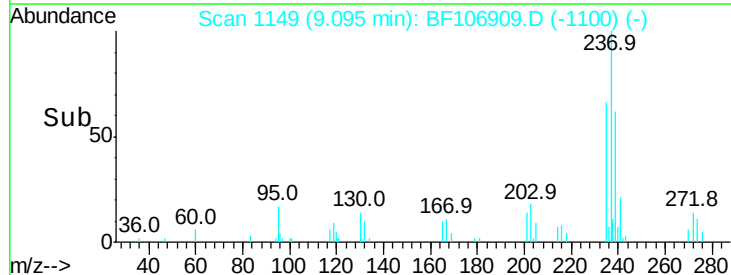
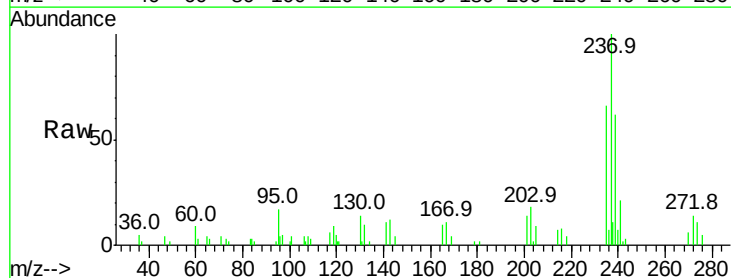
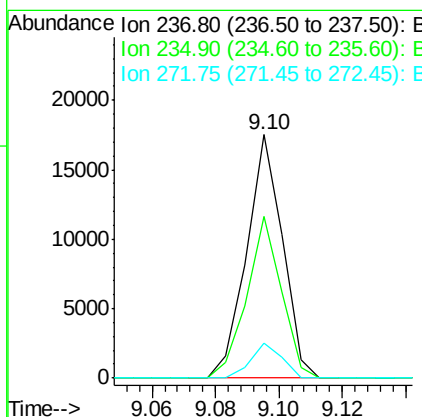
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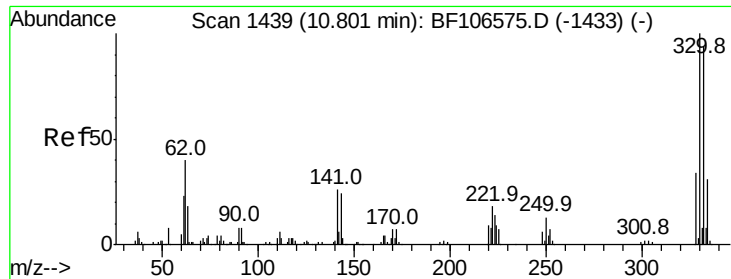
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#40
 Hexachlorocyclopentadiene
 Concen: 10.570 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	66.2	44.8	84.8
272	14.2	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 88.598 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

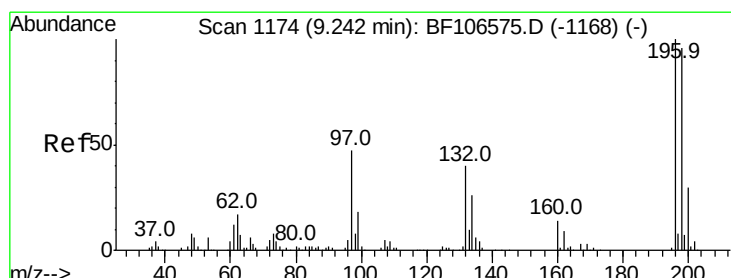
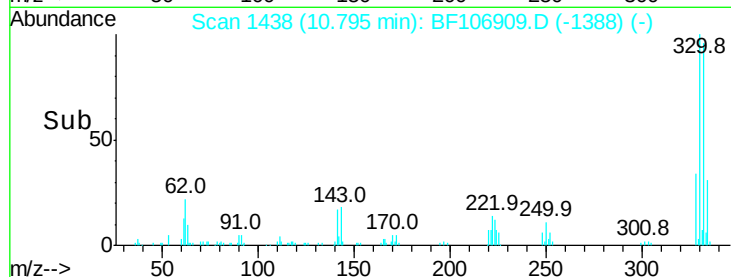
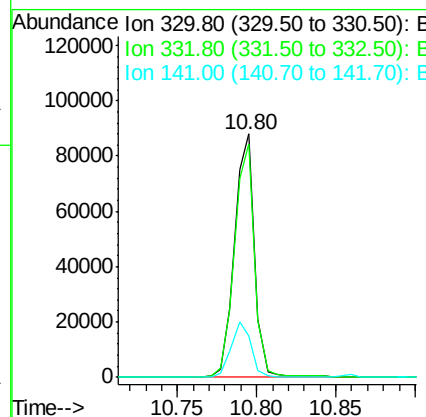
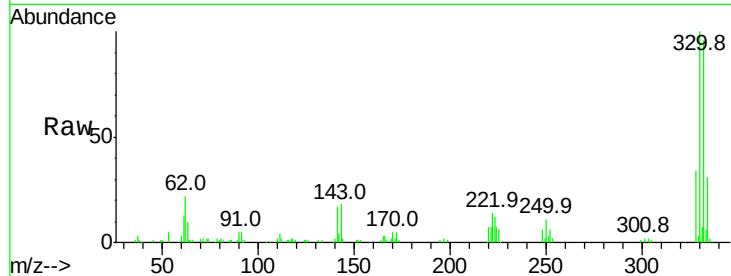
ClientSampleId :

PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.0	115.6	
141	22.4	29.9	44.9#	

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#42

2,4,6-Trichlorophenol

Concen: 45.912 ng

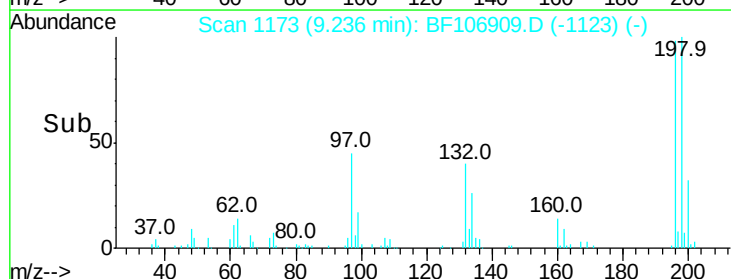
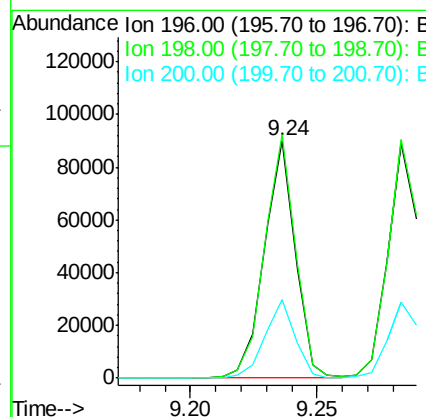
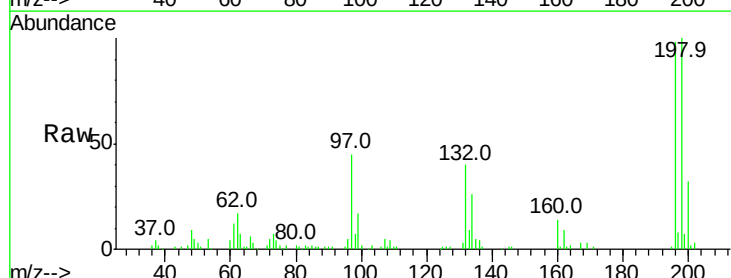
RT: 9.24 min Scan# 1173

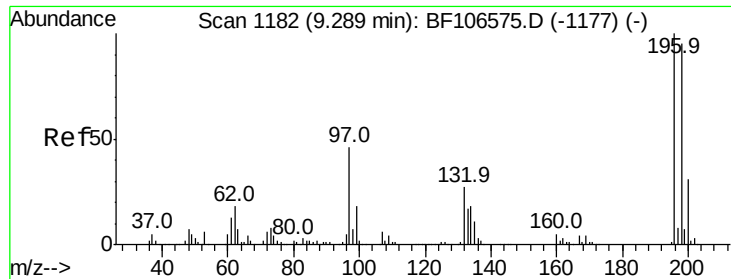
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.5	75.7	113.5	
200	33.0	24.5	36.7	





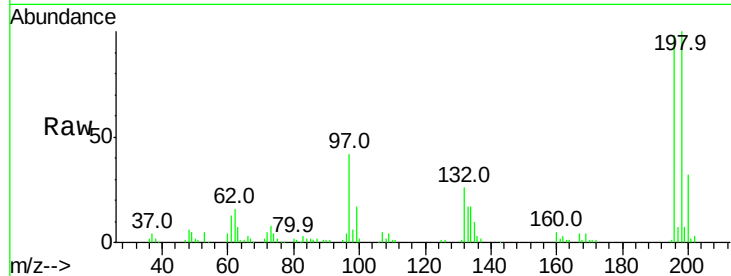
#43
 2,4,5-Trichlorophenol
 Concen: 44.765 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	78322		
198	102.0		74.6	112.0
97	43.0		42.9	64.3
132	26.1		26.3	39.5#

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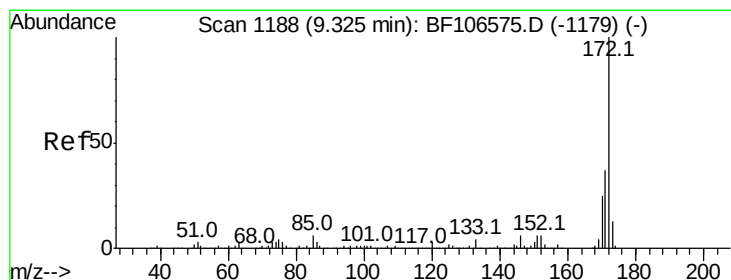
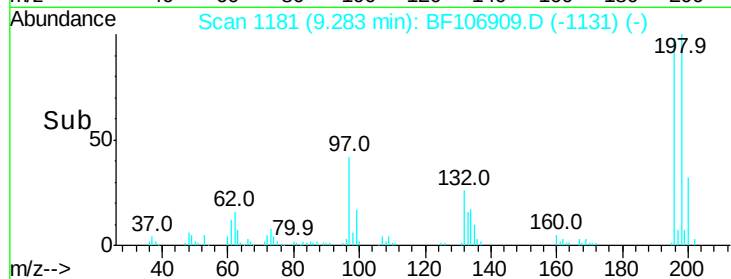
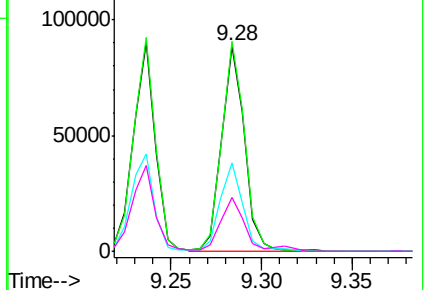
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.386 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

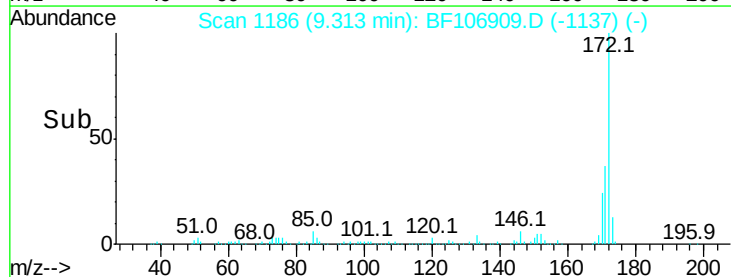
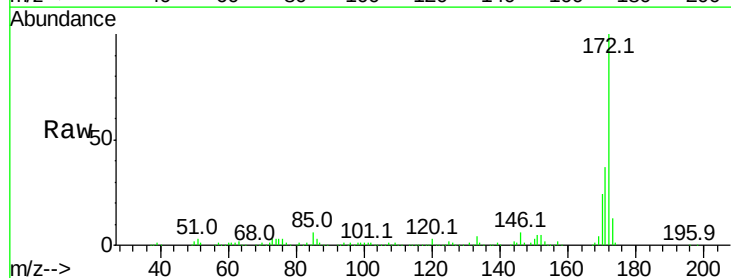
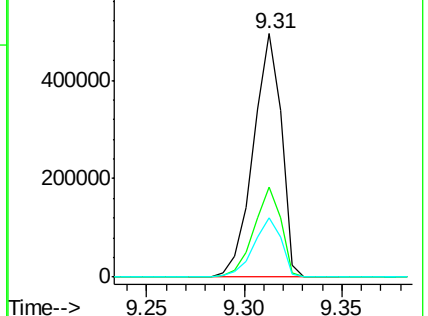
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	490927		
171	37.0		29.7	44.5
170	24.4		19.6	29.4

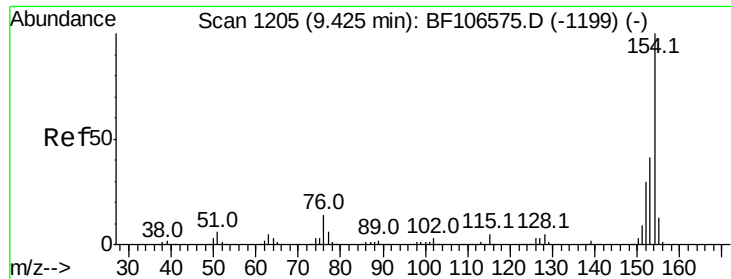
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 50.217 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

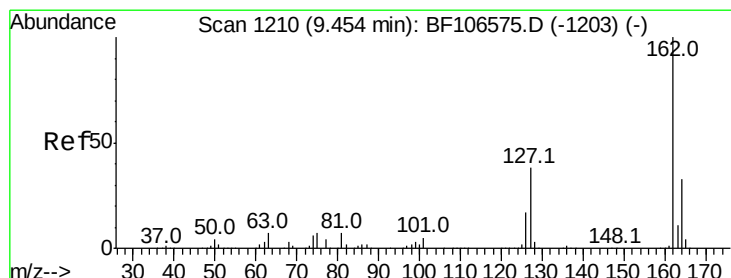
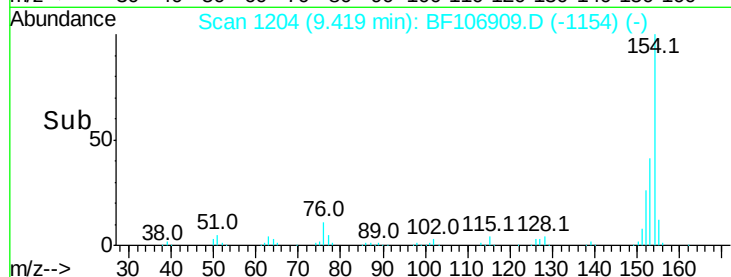
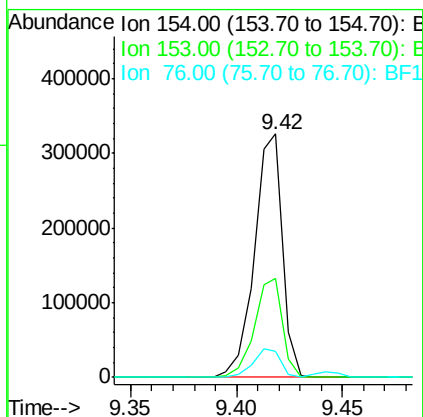
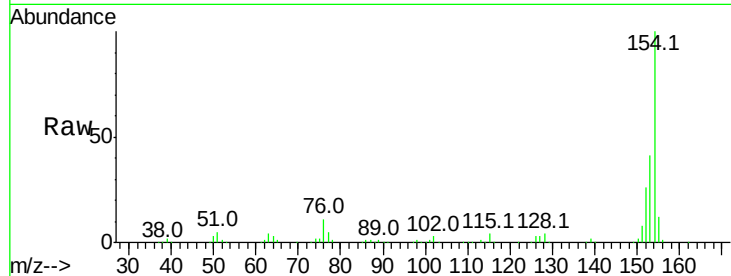
ClientSampleId :

PB110635BS

Tot Ion:	154	Resp:	299764
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	10.6	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 45.021 ng

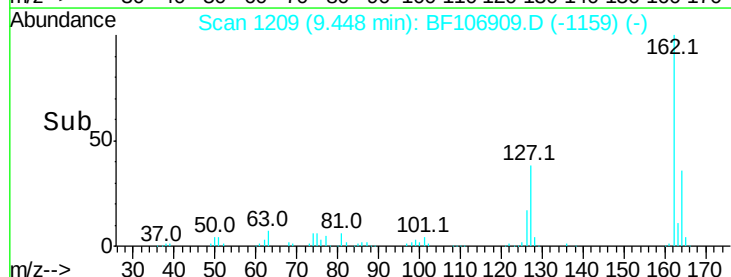
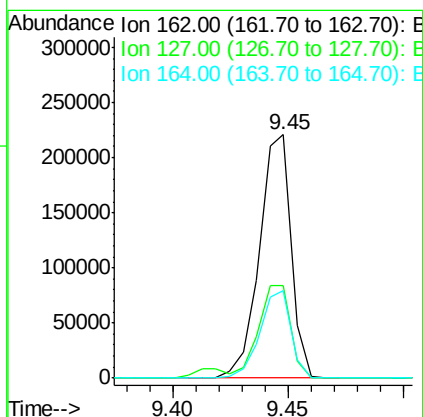
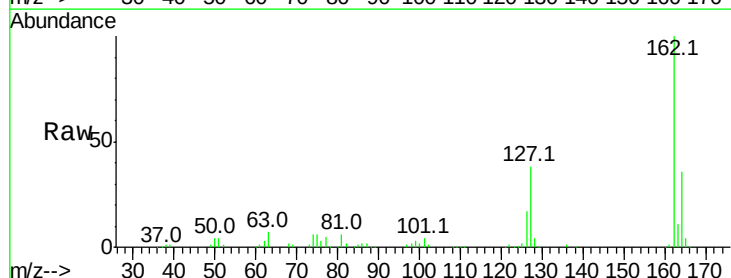
RT: 9.45 min Scan# 1209

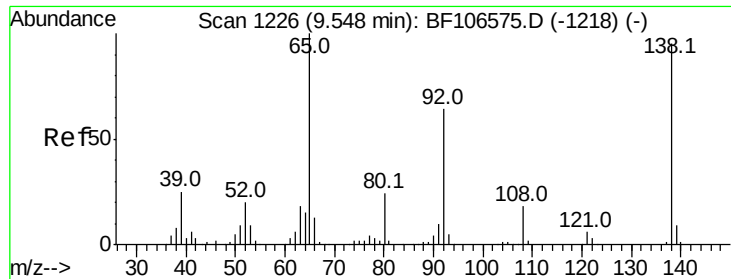
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	162	Resp:	211539
Ion Ratio	Lower	Upper	
162	100		
127	38.1	33.9	50.9
164	36.0	26.5	39.7





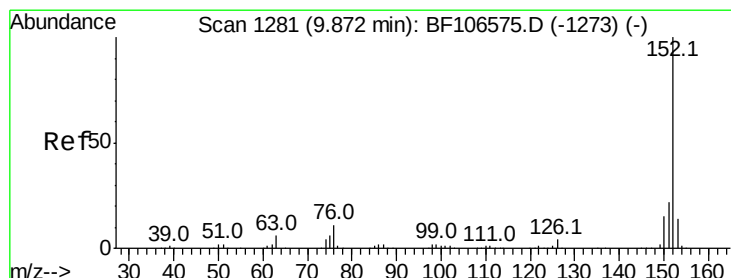
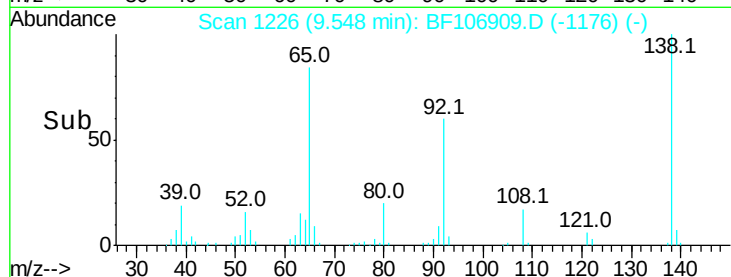
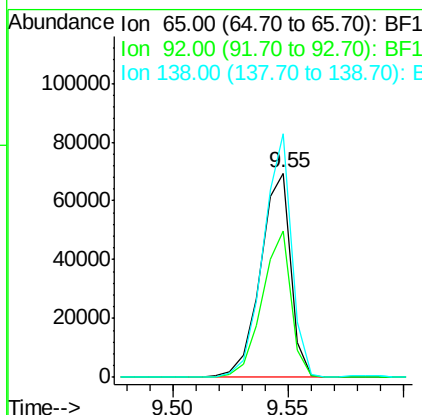
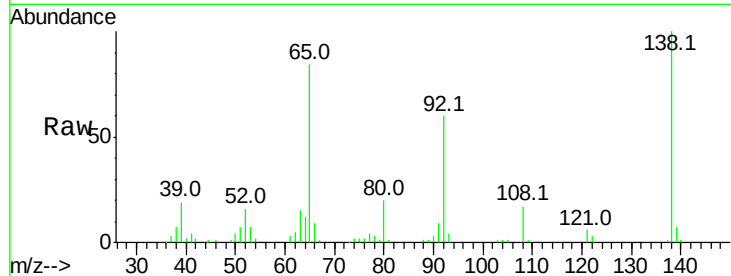
#47
2-Nitroaniline
Concen: 40.185 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	55.8	83.6
138	119.0	91.2	136.8

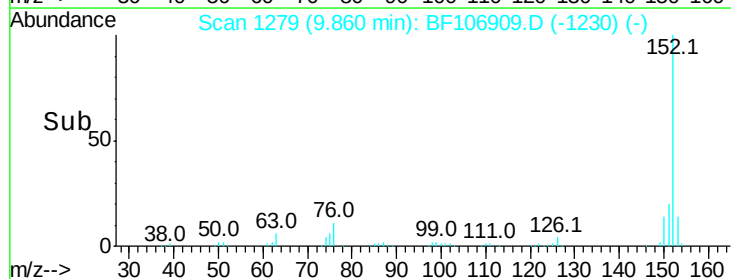
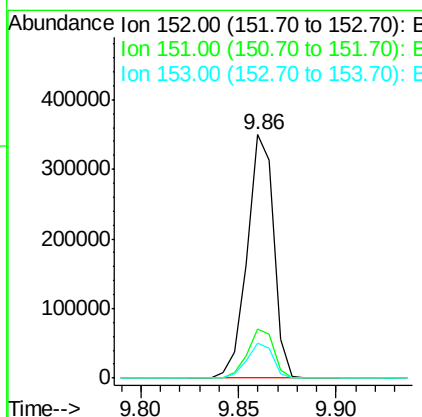
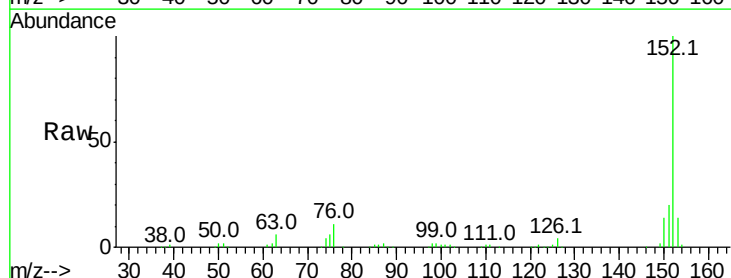
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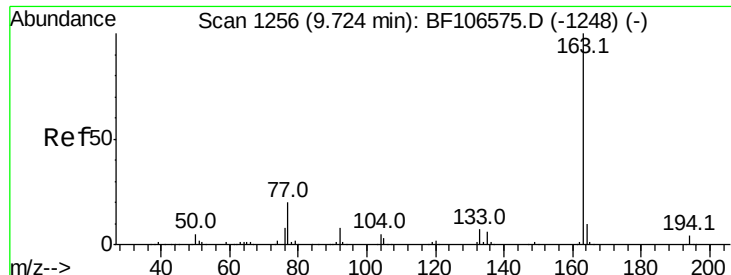
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#48
Acenaphthylene
Concen: 44.305 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.5	10.7	16.1





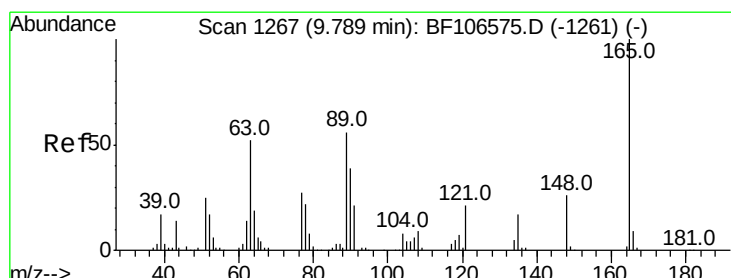
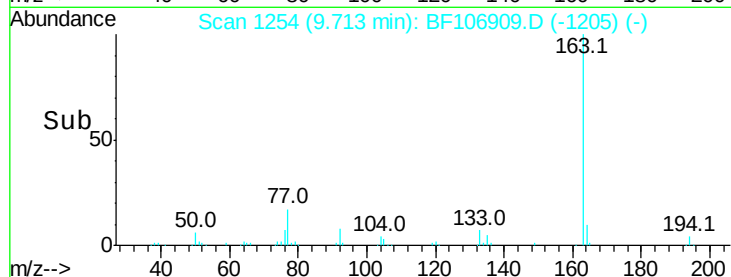
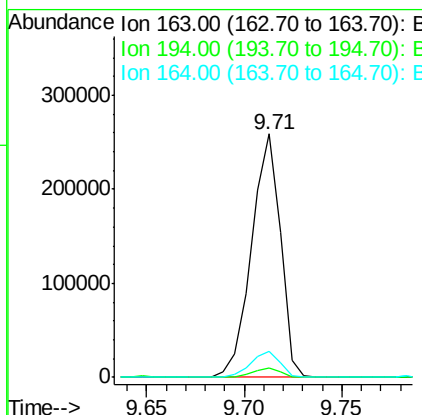
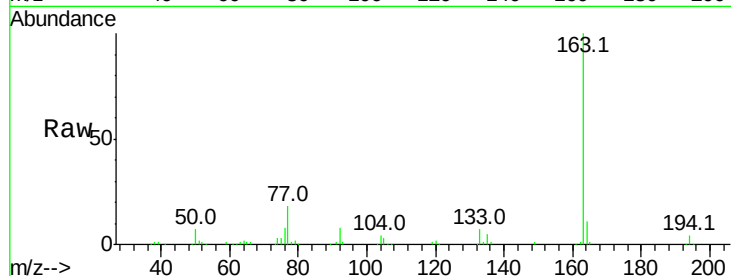
#49
 Dimethylphthalate
 Concen: 47.238 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

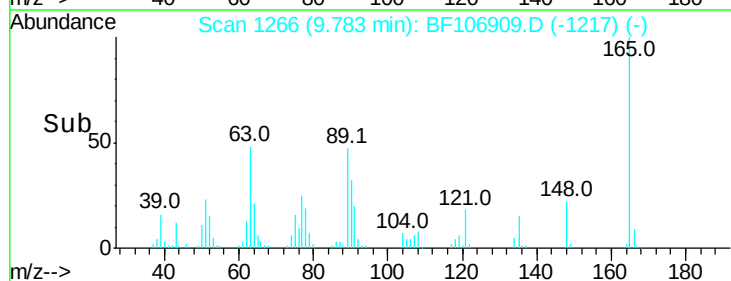
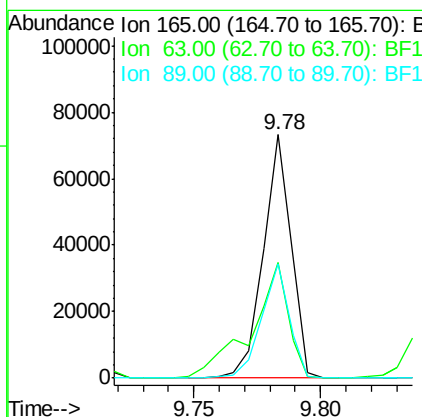
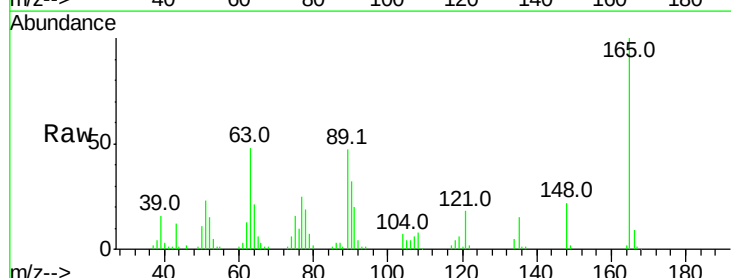
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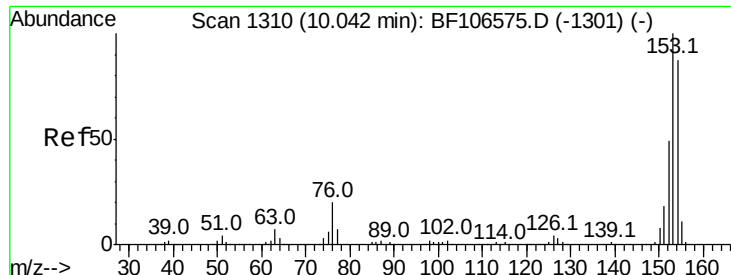
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#50
 2,6-Dinitrotoluene
 Concen: 47.449 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	47.6	44.7	67.1
89	47.1	44.0	66.0





#51

Acenaphthene

Concen: 41.686 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

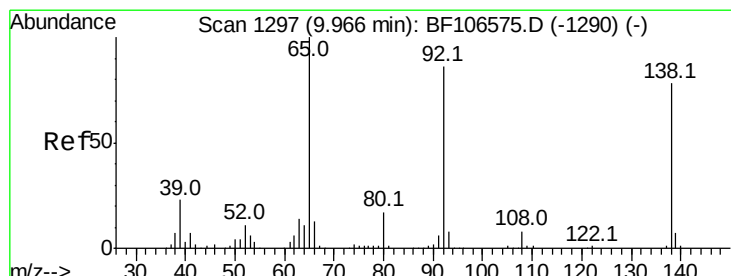
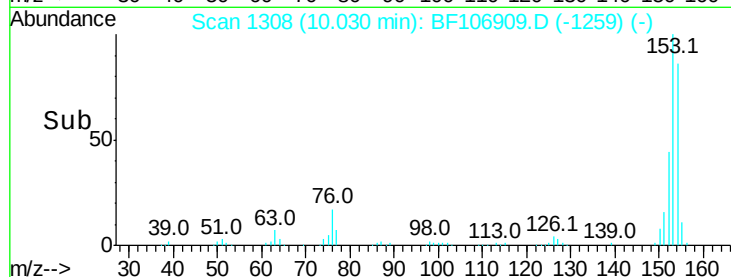
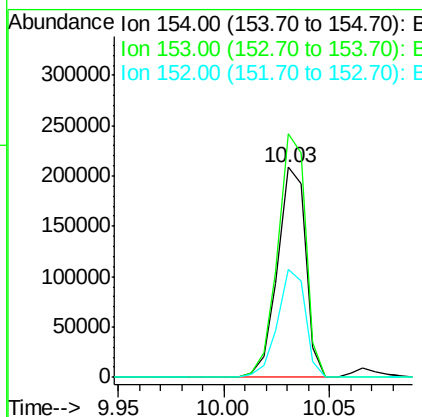
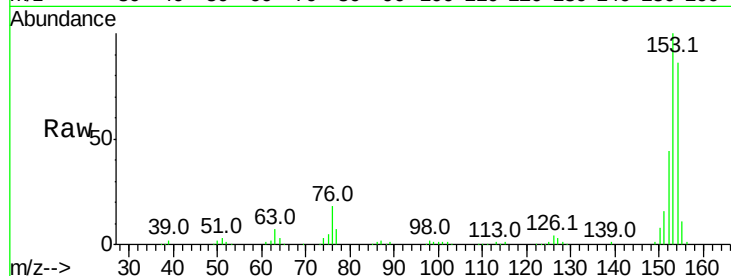
ClientSampleId :

PB110635BS

Tot Ion:	154	Resp:	194731
Ion Ratio	Lower	Upper	
154	100		
153	116.0	91.2	136.8
152	51.5	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 29.287 ng

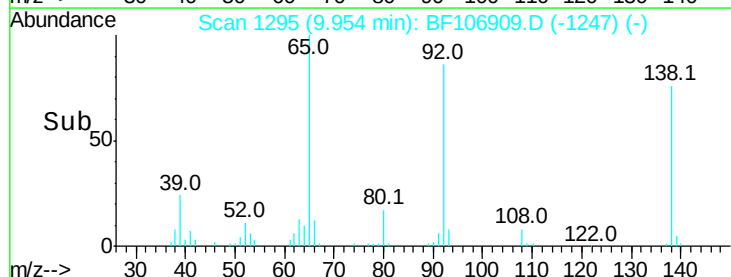
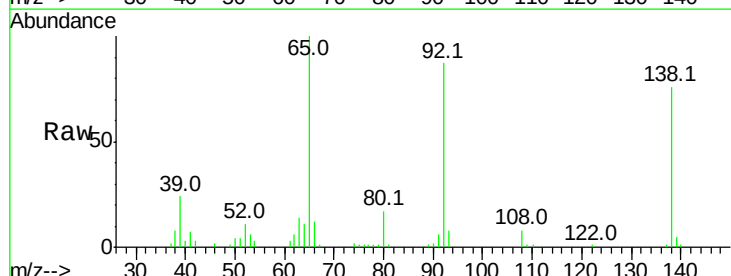
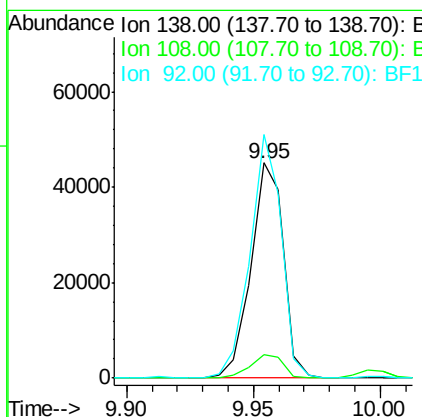
RT: 9.95 min Scan# 1295

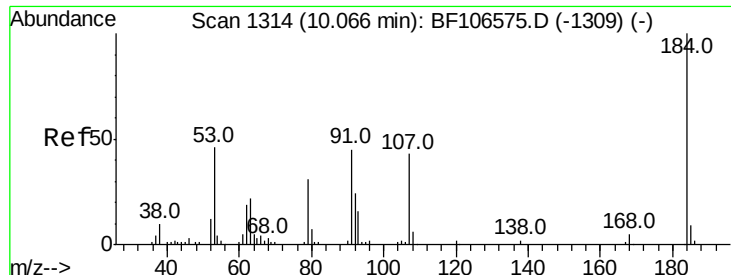
Delta R.T. -0.02 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	138	Resp:	40091
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	113.3	89.4	134.2





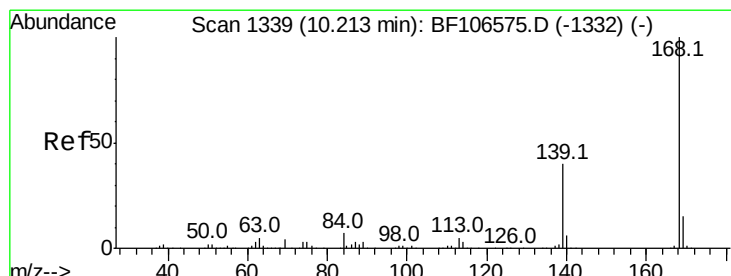
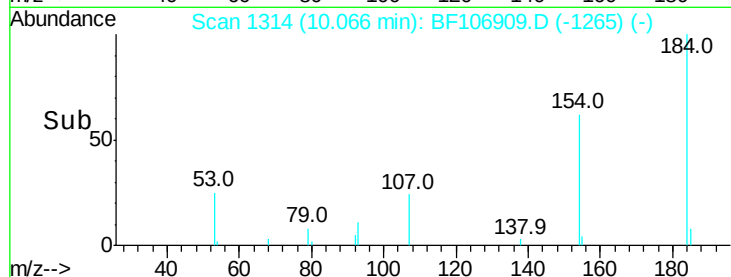
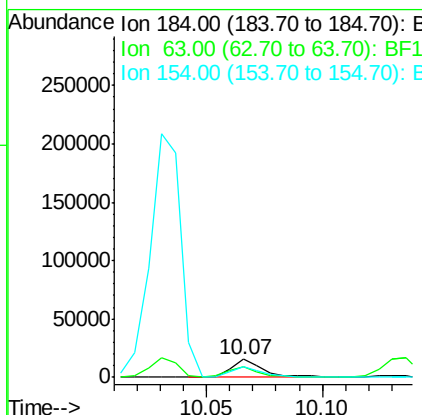
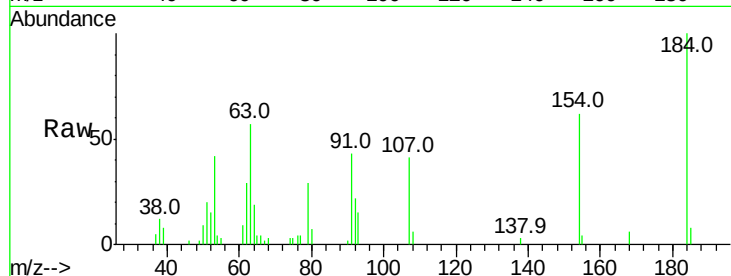
#53
 2,4-Dinitrophenol
 Concen: 28.120 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampled :
 PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	15091		
63	57.3	54.2	81.2	
154	61.9	184.0	276.0	

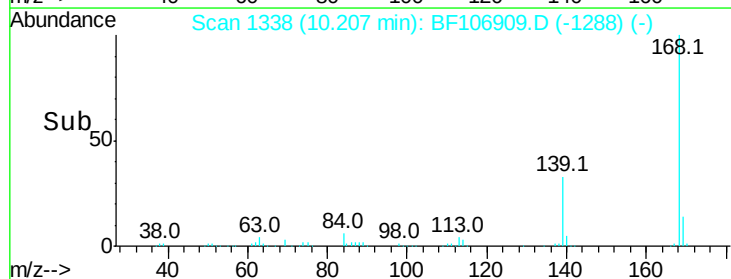
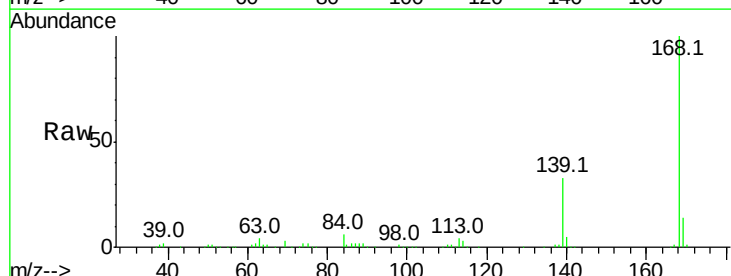
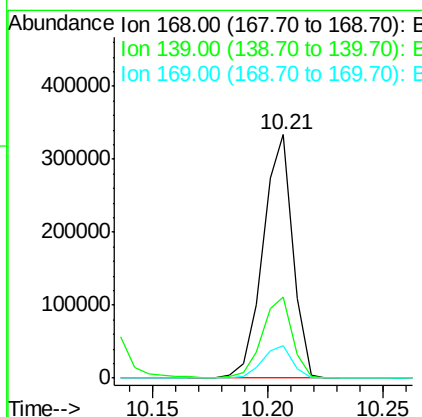
Manual Integrations
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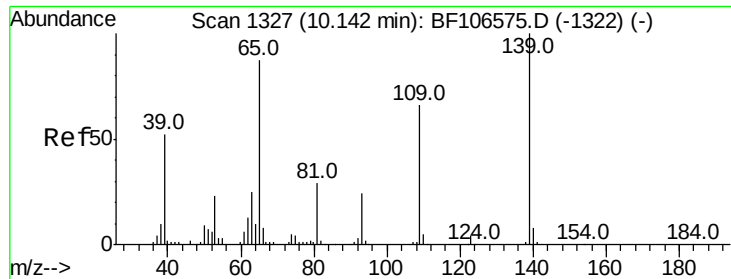
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#54
 Dibenzofuran
 Concen: 46.611 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	298155		
139	33.5	30.1	45.1	
169	13.5	10.9	16.3	





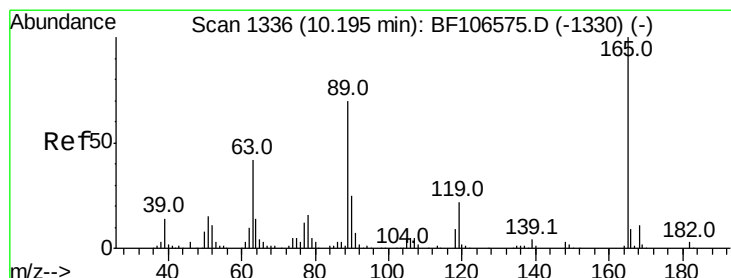
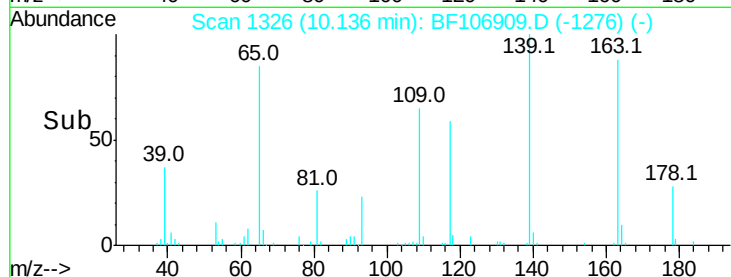
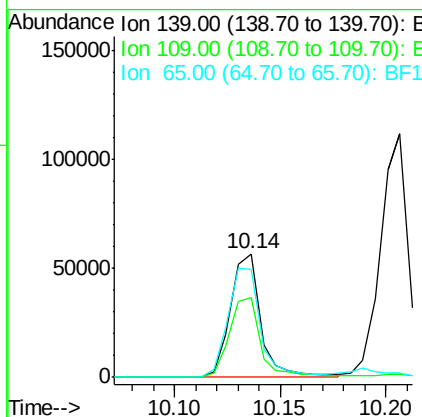
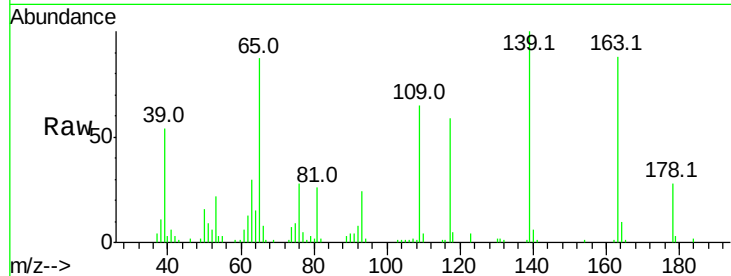
#55
4-Nitrophenol
Concen: 59.447 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.7	48.4	88.4
65	87.3	72.6	112.6

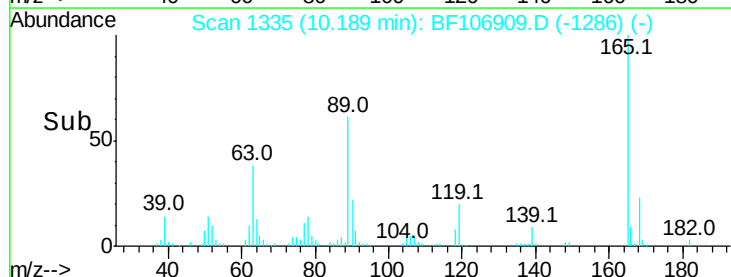
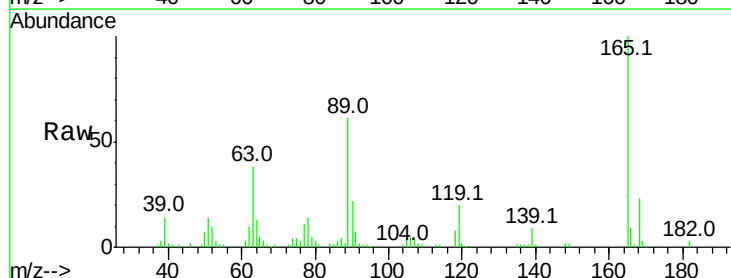
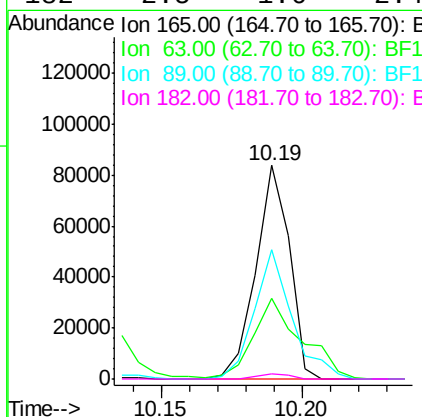
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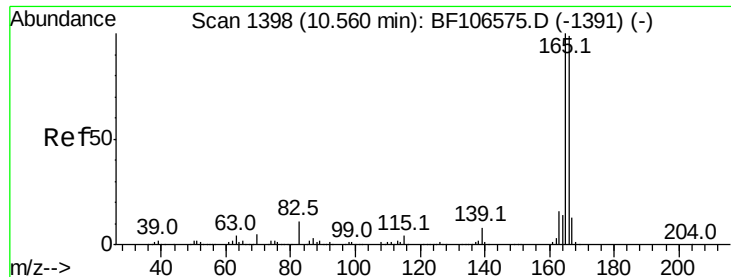
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#56
2,4-Dinitrotoluene
Concen: 44.555 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.0	36.4	54.6
89	60.6	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 44.326 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

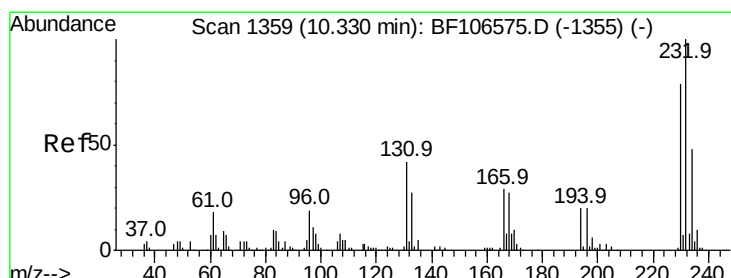
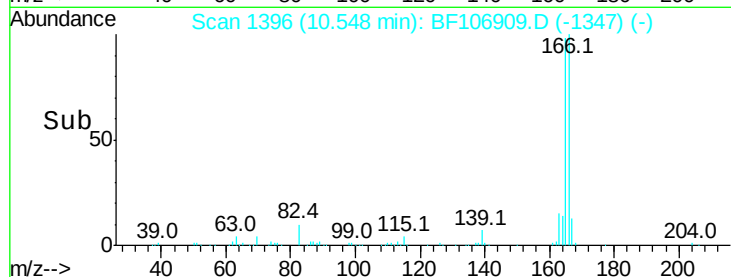
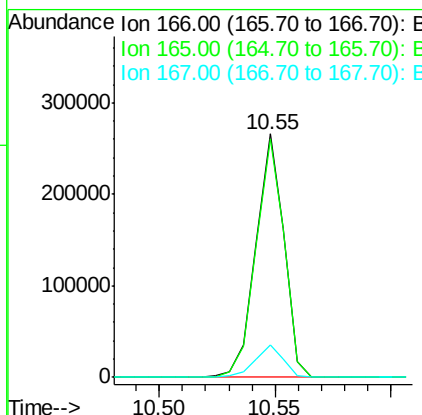
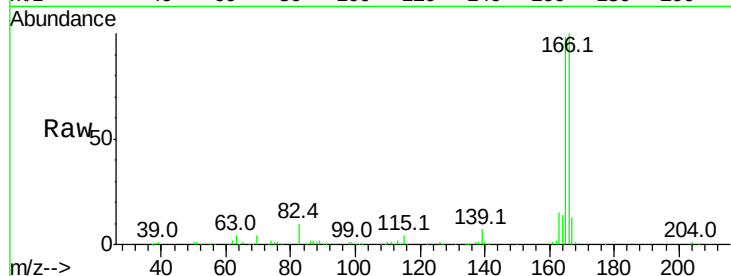
ClientSampleId :

PB110635BS

Tot Ion:	166	Resp:	224996
Ion Ratio	Lower	Upper	
166	100		
165	97.8	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.974 ng

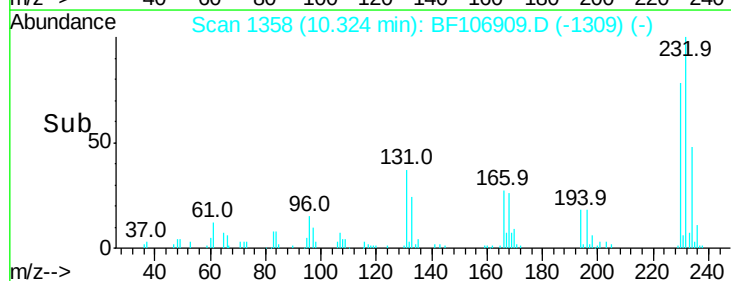
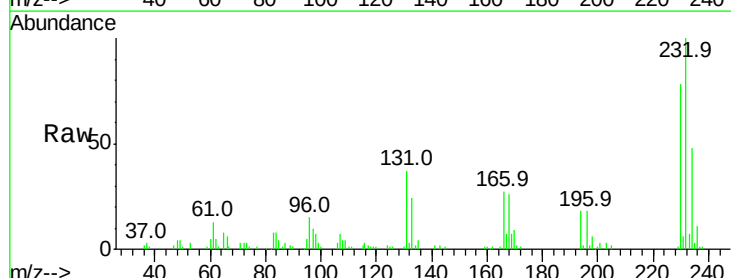
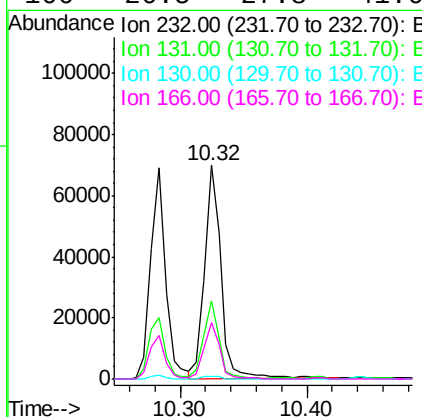
RT: 10.32 min Scan# 1358

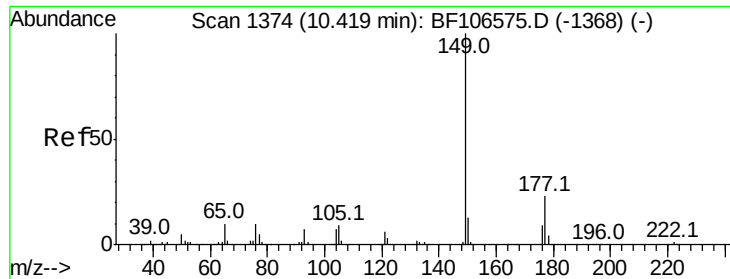
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	232	Resp:	62550
Ion Ratio	Lower	Upper	
232	100		
131	35.3	43.8	65.8#
130	1.4	2.1	3.1#
166	26.5	27.8	41.6#





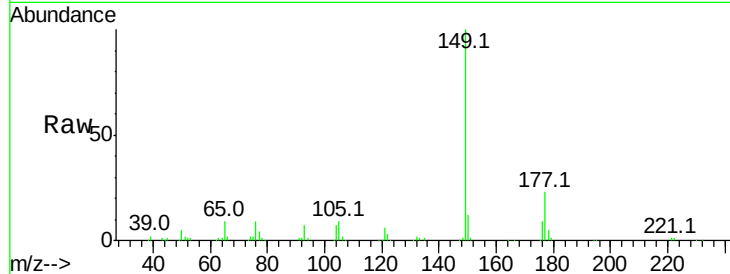
#59
Diethylphthalate
Concen: 43.456 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

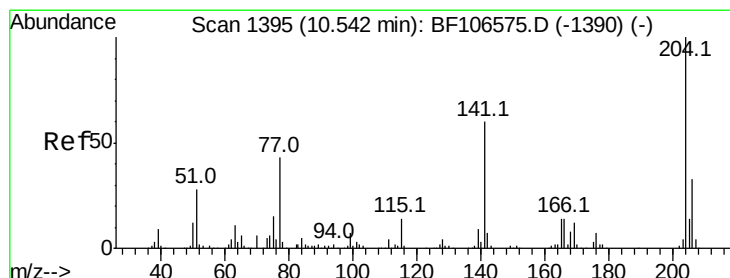
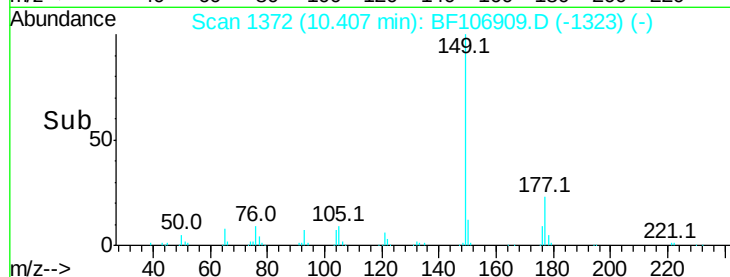
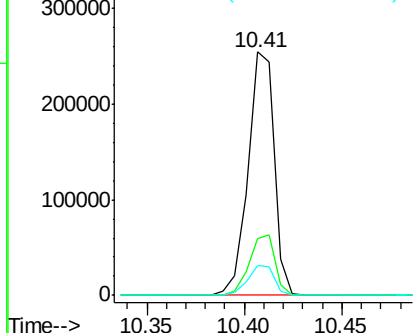
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.5	16.1	24.1	
150	12.5	10.1	15.1	

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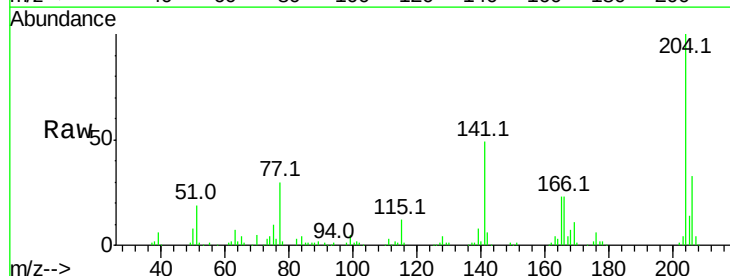


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

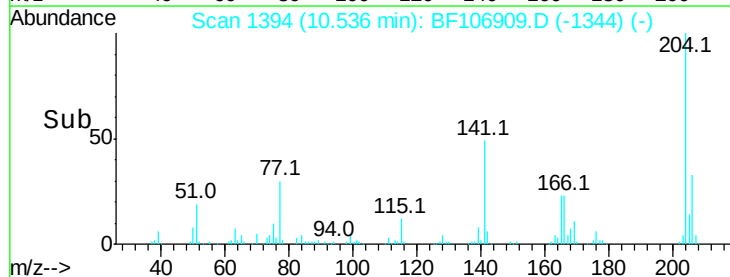
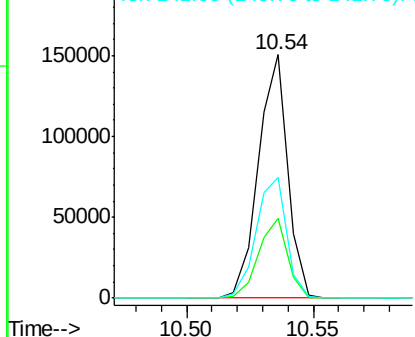


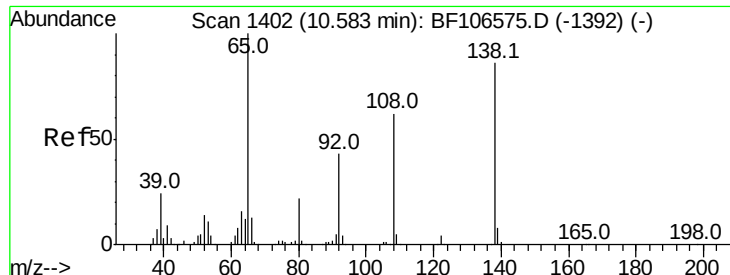
#60
4-Chlorophenyl-phenylether
Concen: 45.446 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.9	26.5	39.7	
141	49.5	54.6	81.8#	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





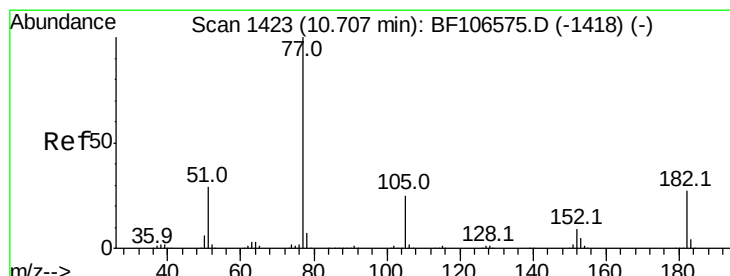
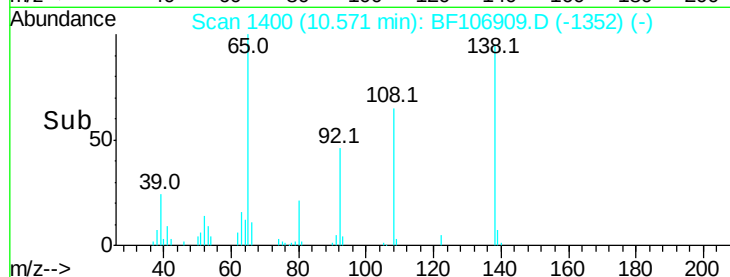
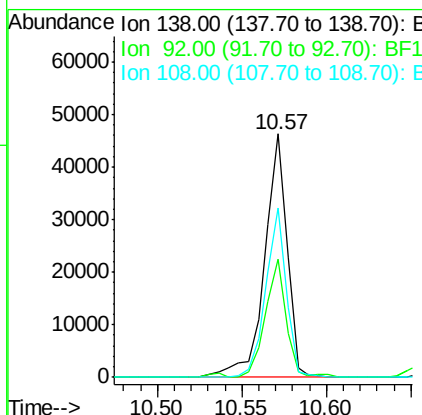
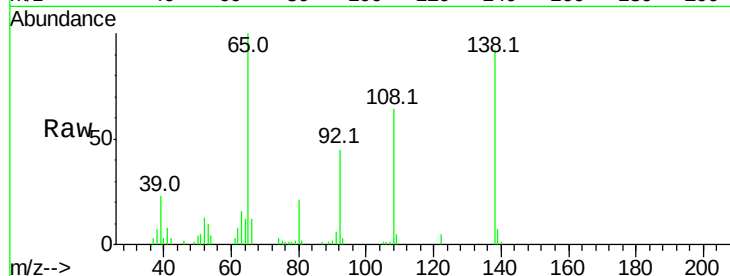
#61
4-Nitroaniline
Concen: 31.348 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	69.5	52.5	92.5

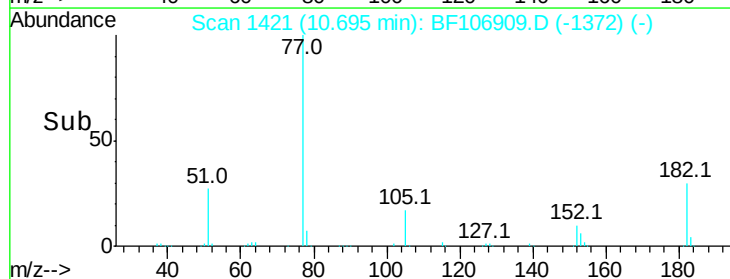
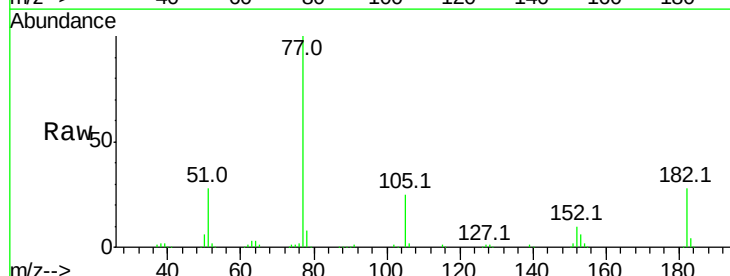
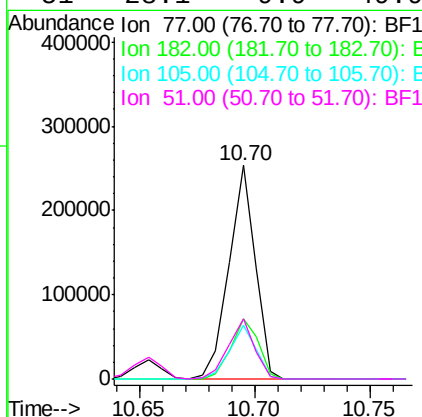
Manual Integrations
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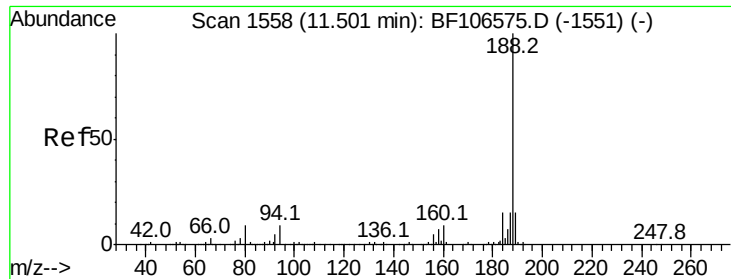
Sohil
6/28/2018 2:21:43 PM



#62
Azobenzene
Concen: 37.859 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	1.7	41.7
105	25.2	3.0	43.0
51	28.1	9.9	49.9





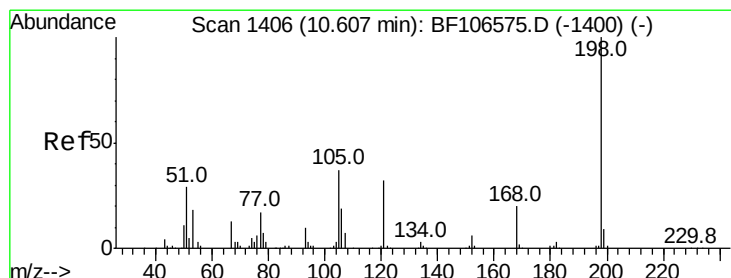
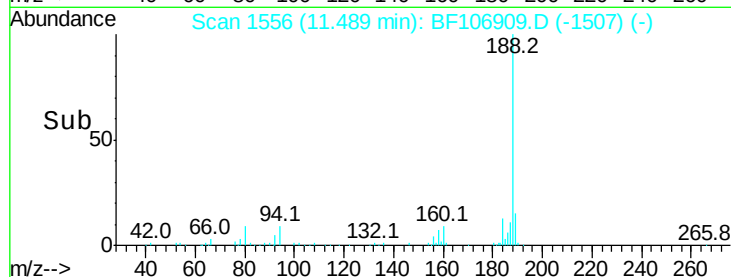
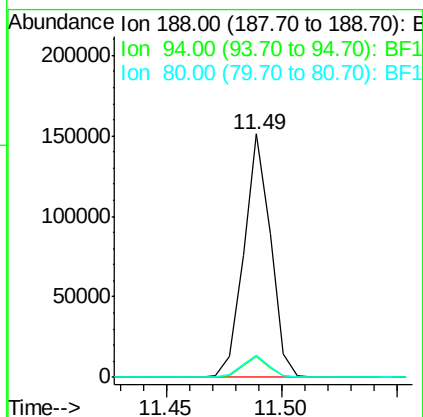
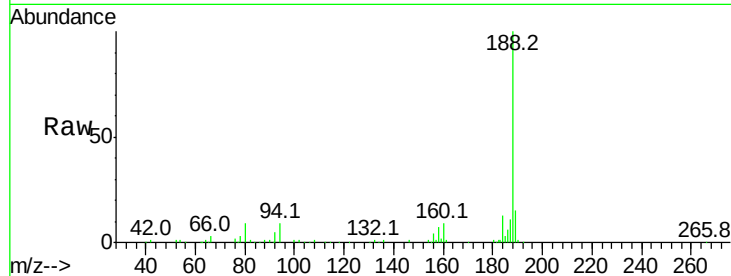
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	8.5	12.7
80	8.9	9.2	13.8#

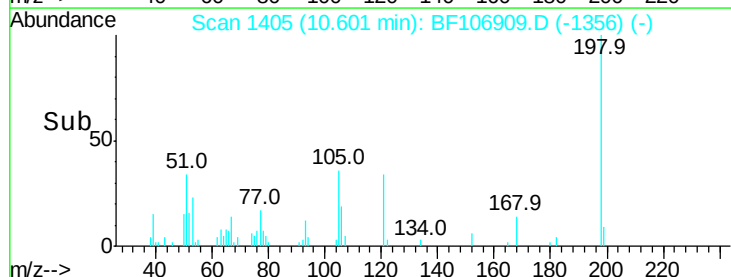
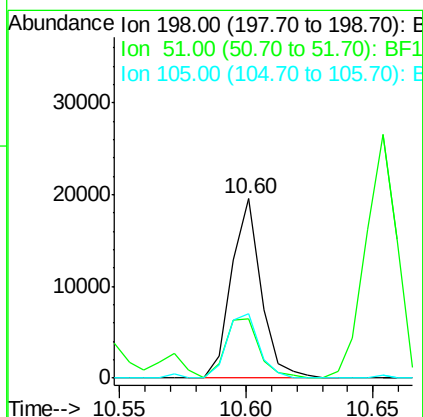
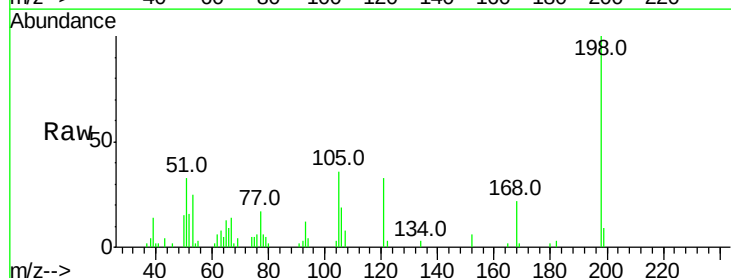
Manual Integrations
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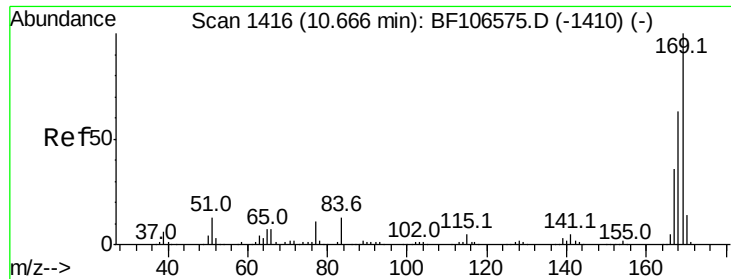
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.033 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	32.9	37.7	77.7#
105	35.7	36.3	76.3#





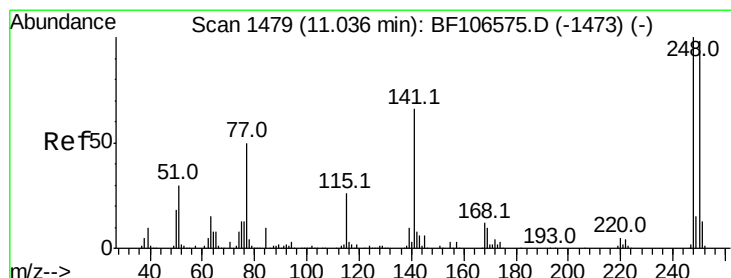
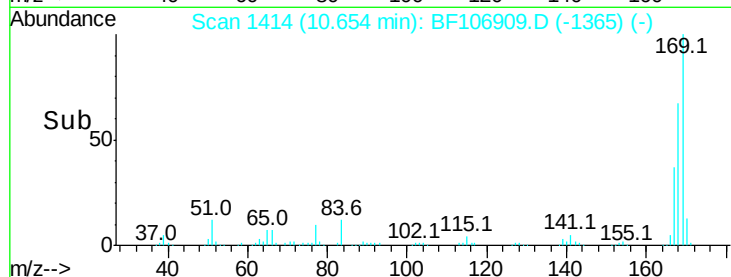
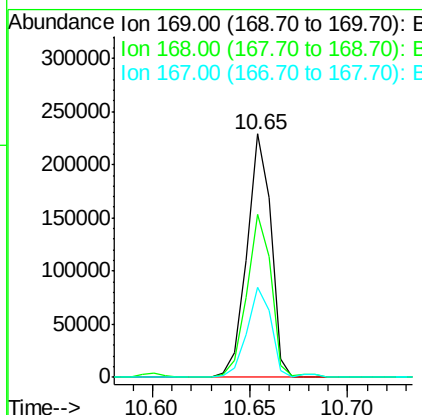
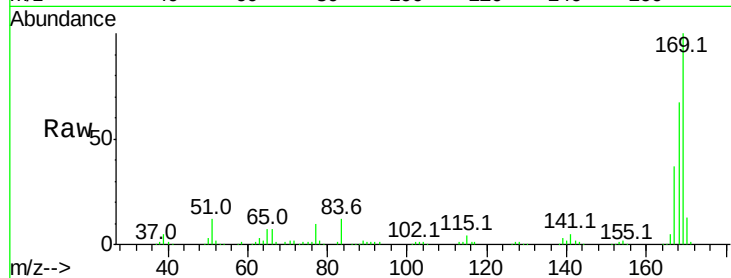
#65
 n-Nitrosodiphenylamine
 Concen: 47.611 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion:	169	Resp:	195857
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.4	81.6
167	36.7	29.8	44.6

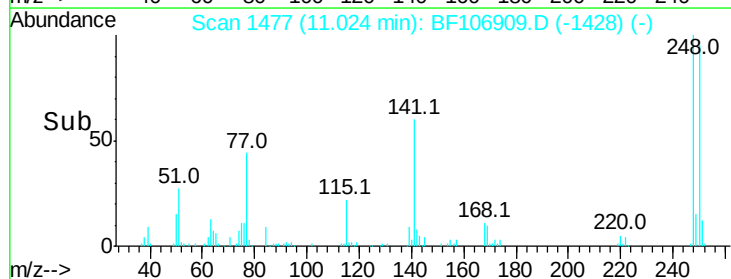
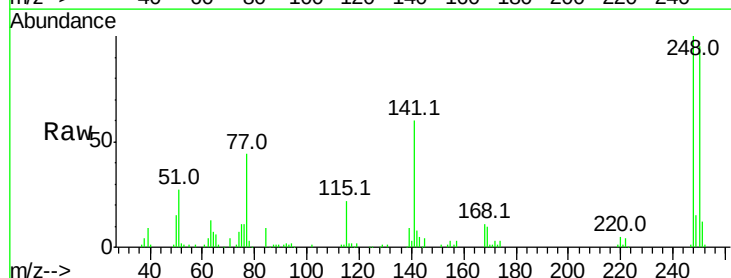
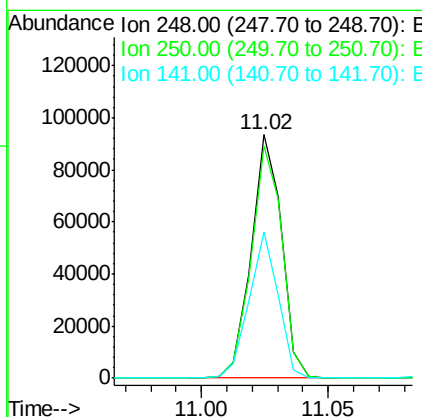
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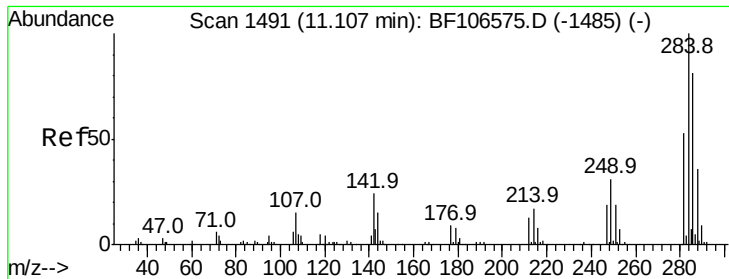
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 53.226 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion:	248	Resp:	77689
Ion Ratio	Lower	Upper	
248	100		
250	95.3	76.9	115.3
141	59.9	74.4	111.6#





#67

Hexachlorobenzene

Concen: 51.380 ng

RT: 11.09 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

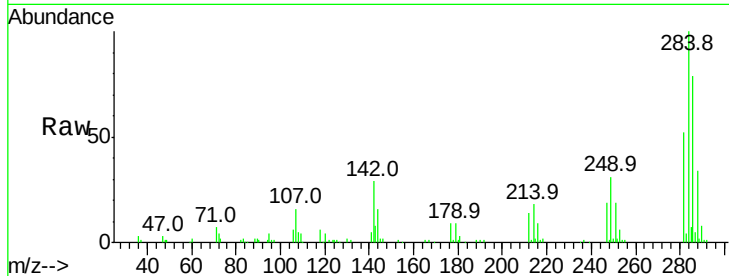
ClientSampleId :

PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.5	34.6	52.0	
249	31.0	24.8	37.2	

Manual Integrations
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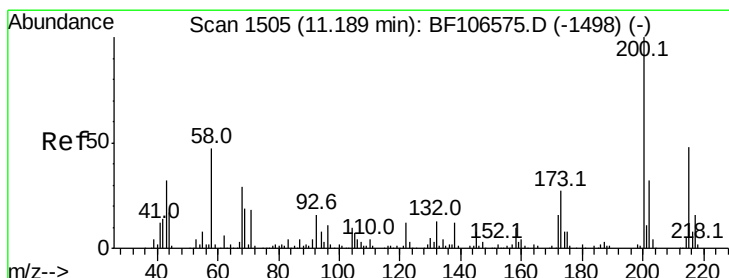
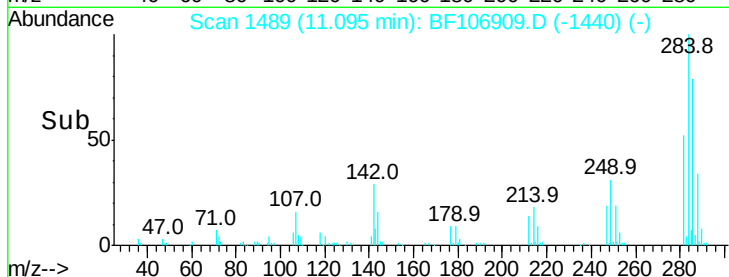
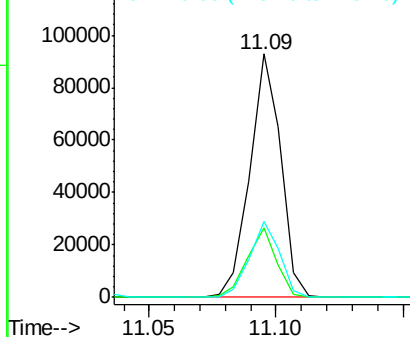


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.375 ng

RT: 11.18 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

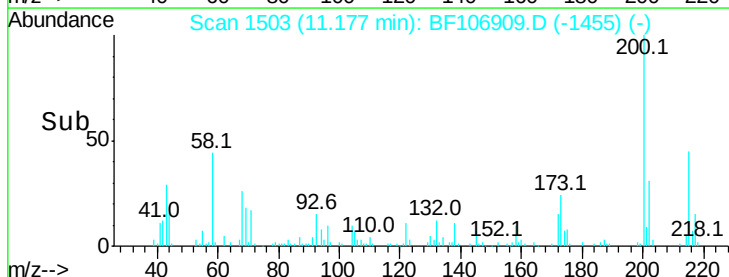
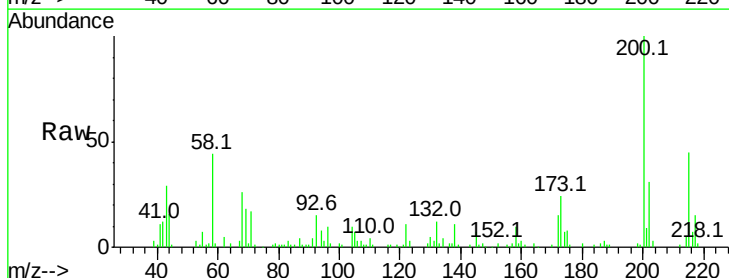
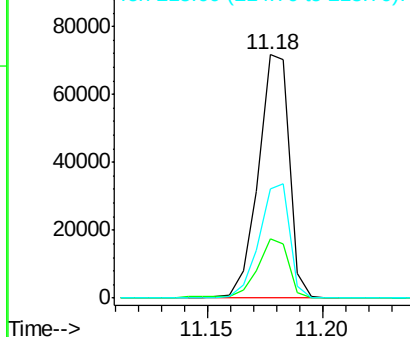
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.4	8.6	48.6	
215	45.1	25.1	65.1	

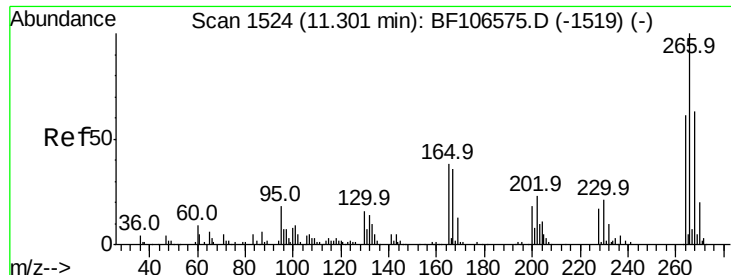
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





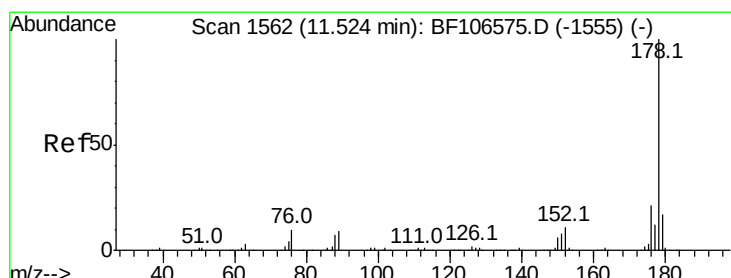
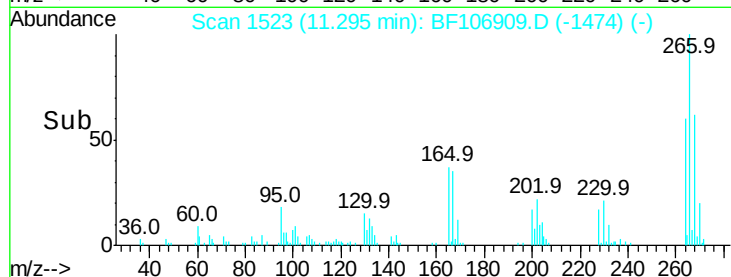
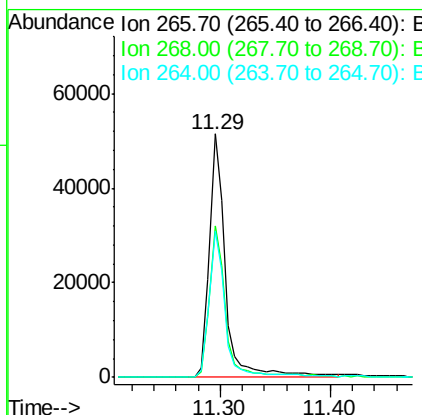
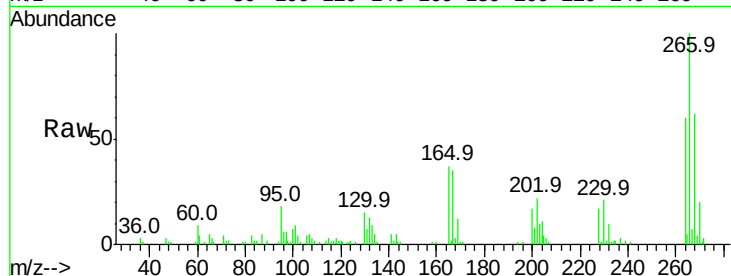
#69
 Pentachlorophenol
 Concen: 66.932 ng
 RT: 11.29 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	51019		
268	62.3		51.1	76.7
264	60.4		49.5	74.3

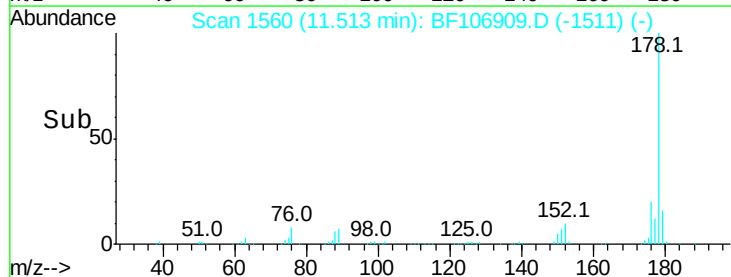
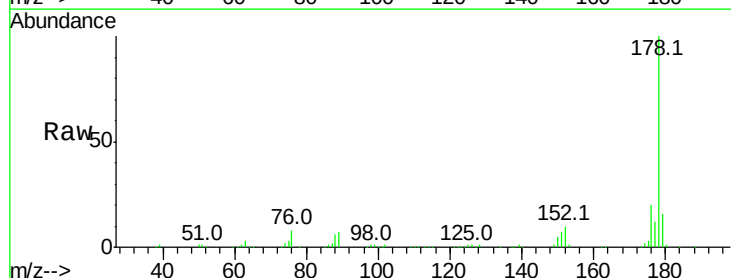
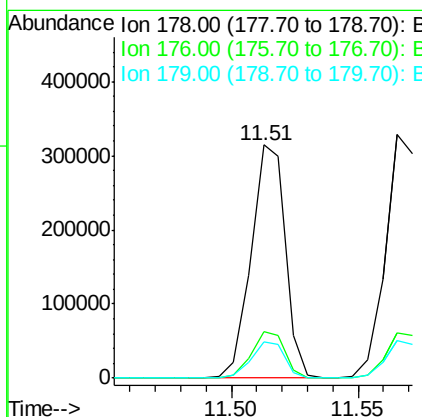
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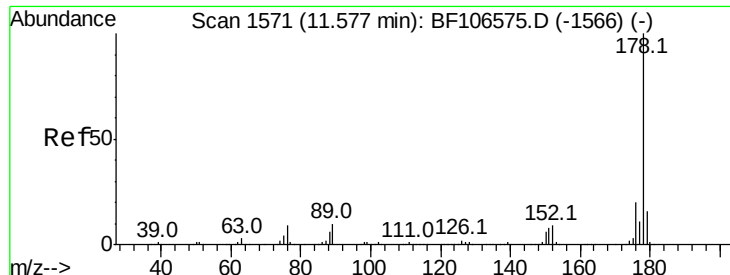
Sohil
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#70
 Phenanthrene
 Concen: 50.134 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	295734		
176	20.0		15.8	23.8
179	15.8		13.0	19.6





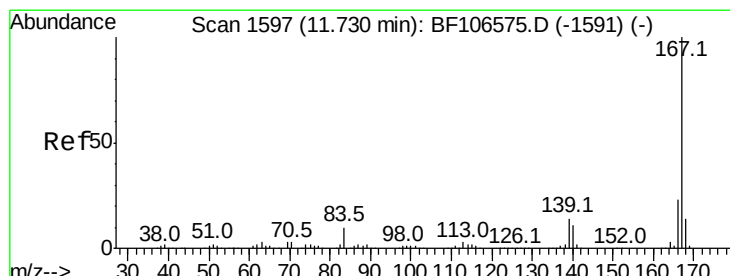
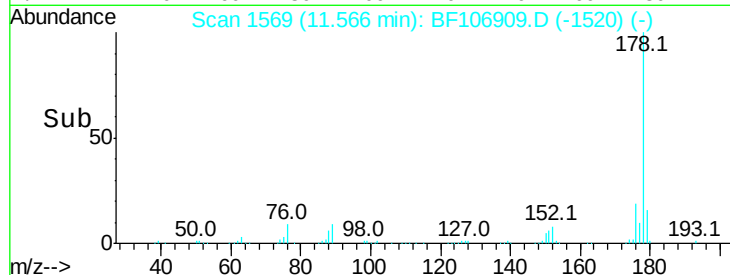
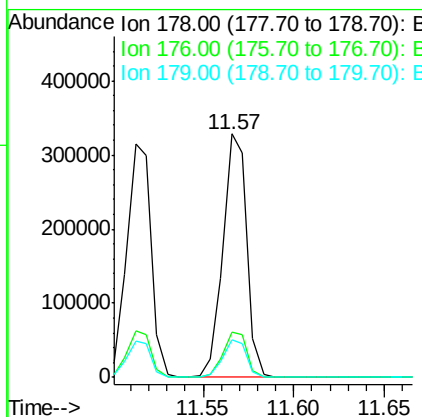
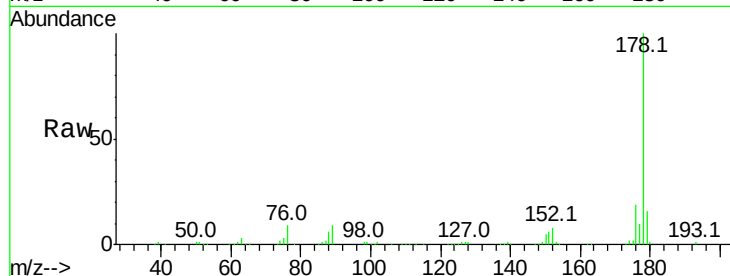
#71
 Anthracene
 Concen: 49.862 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.6	19.0

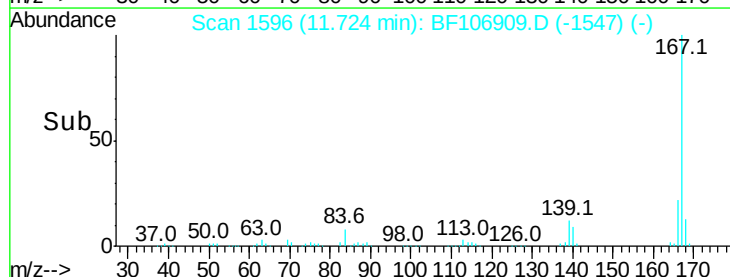
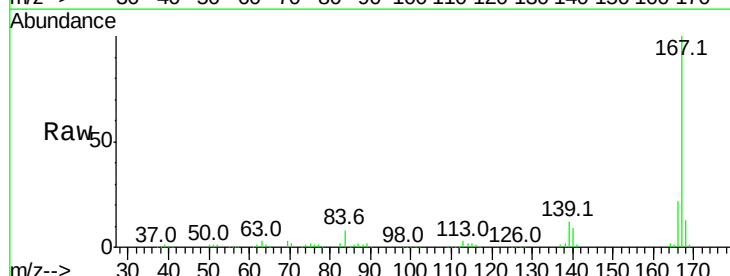
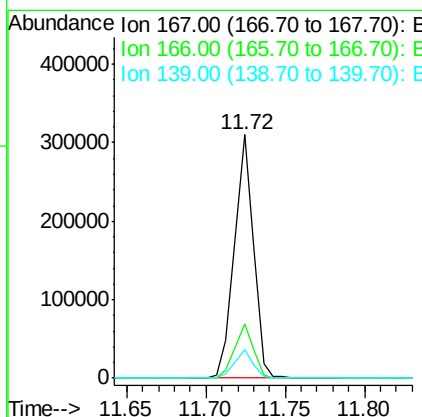
Manual Integrations
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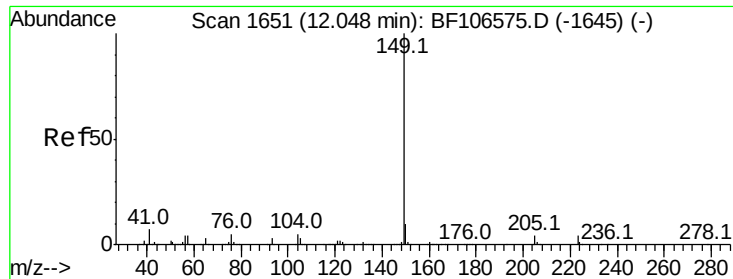
Sohil
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#72
 Carbazole
 Concen: 46.452 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	11.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.616 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

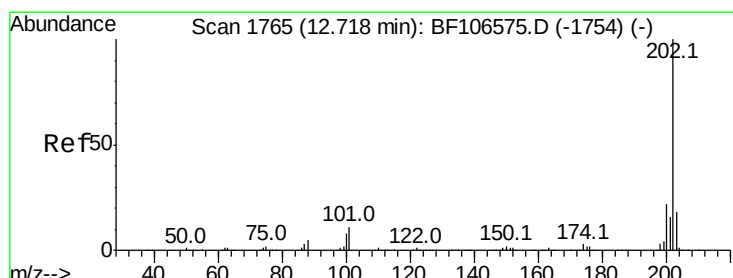
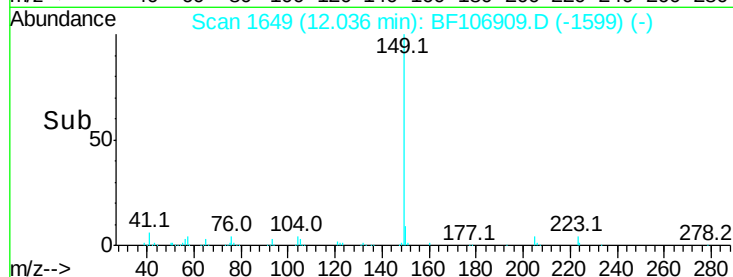
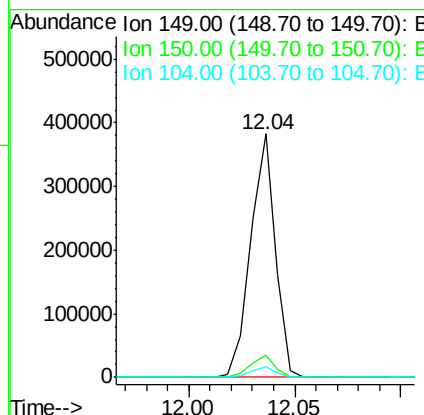
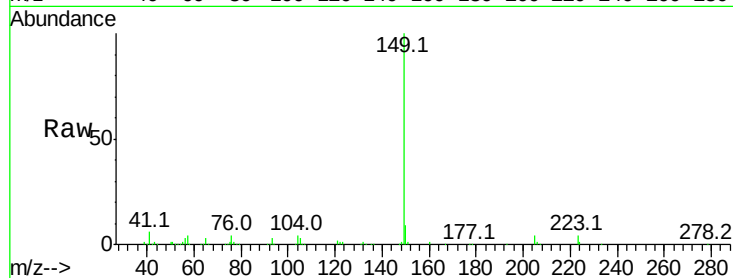
ClientSampled :

PB110635BS

Tot Ion:	149	Resp:	309577
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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6/28/2018 2:21:43 PM



#74

Fluoranthene

Concen: 51.986 ng

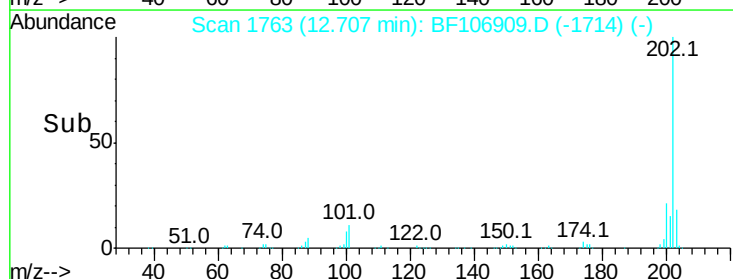
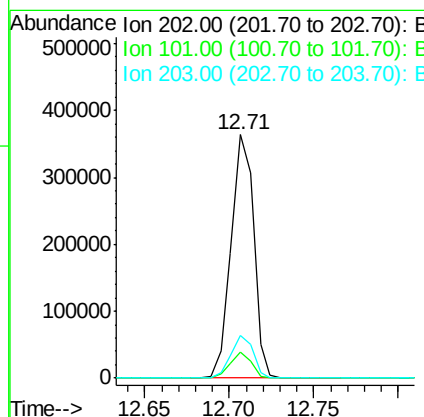
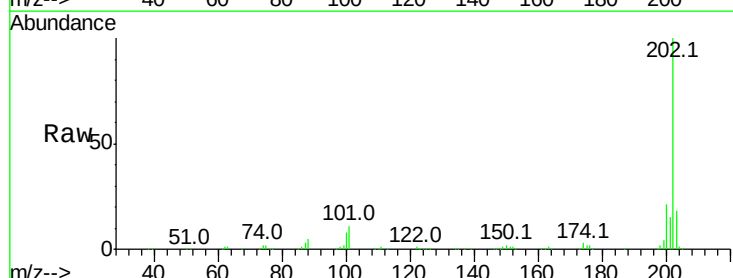
RT: 12.71 min Scan# 1763

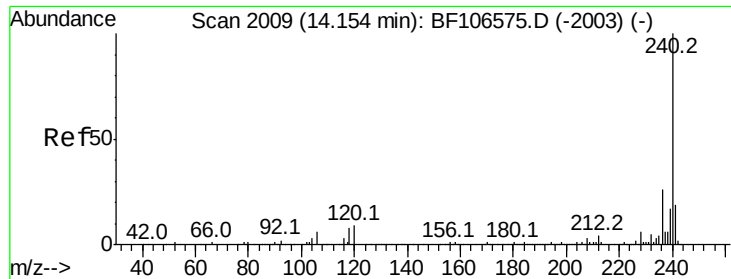
Delta R.T. -0.01 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:	202	Resp:	337999
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	17.7	0.0	38.1





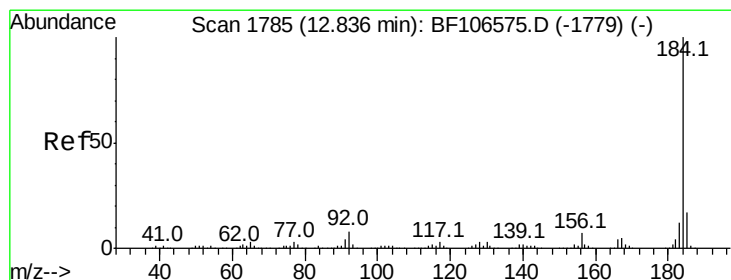
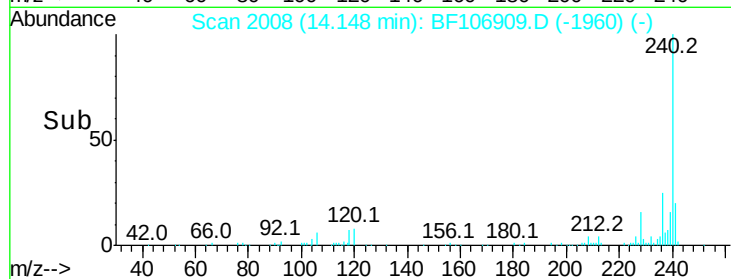
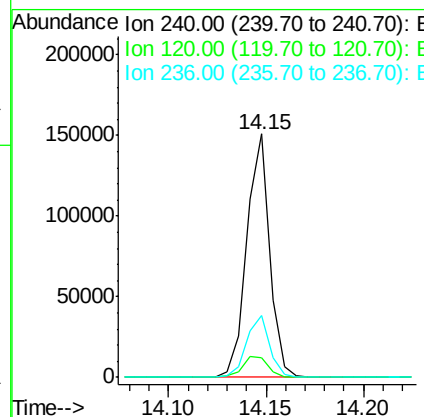
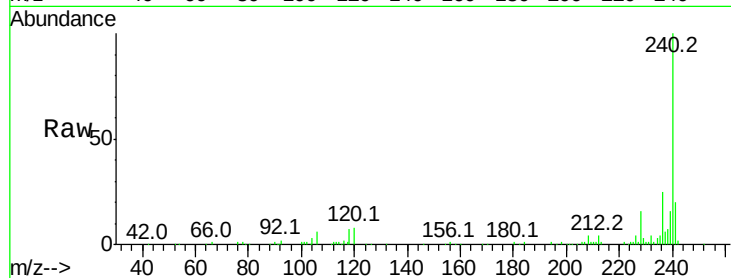
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.8	9.5	14.3#
236	25.3	20.7	31.1

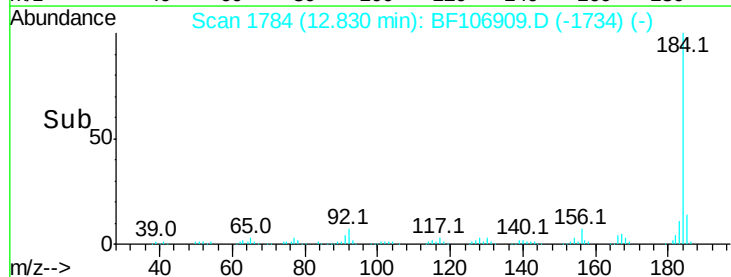
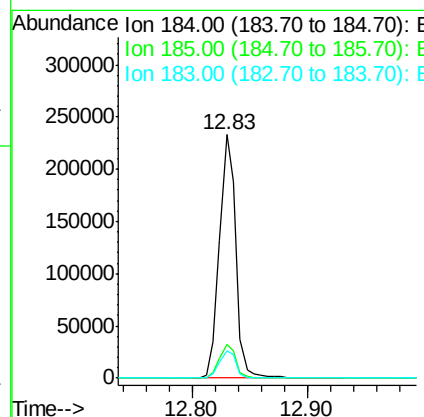
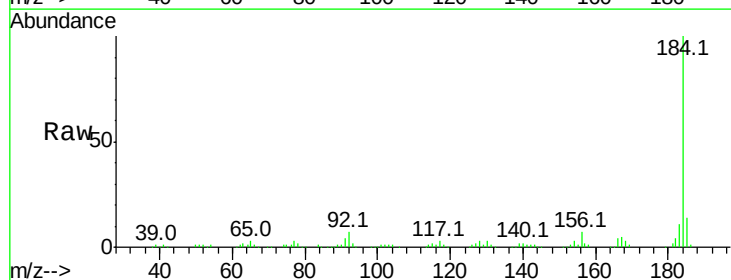
Manual Integrations
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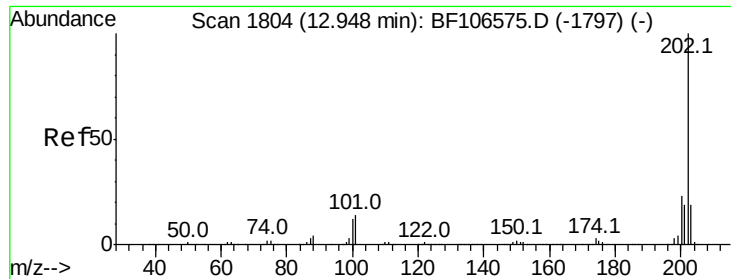
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#76
Benzidine
Concen: 65.983 ng
RT: 12.83 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	13.9	12.6	18.8
183	11.2	9.3	13.9





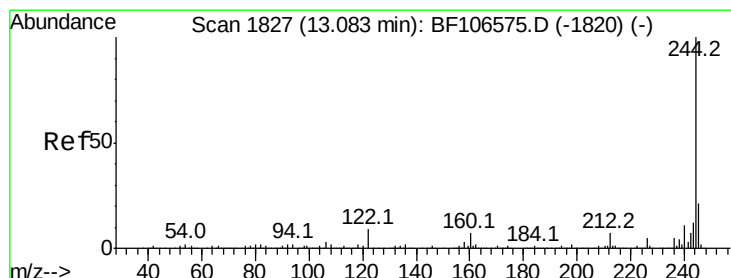
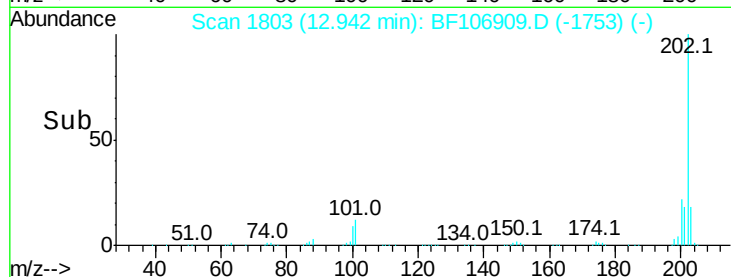
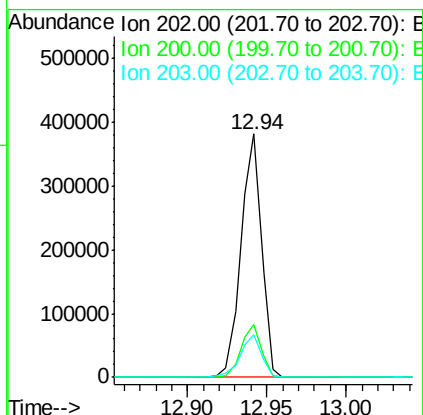
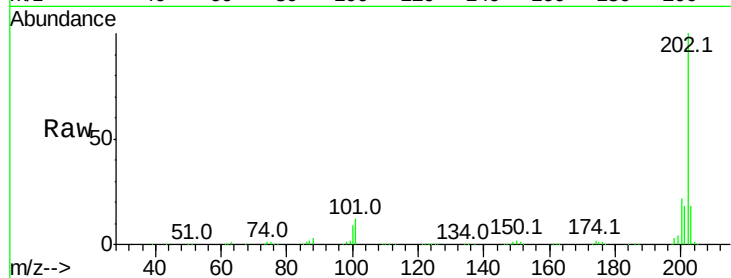
#77
Pvrene
Concen: 42.212 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.6	14.3	21.5

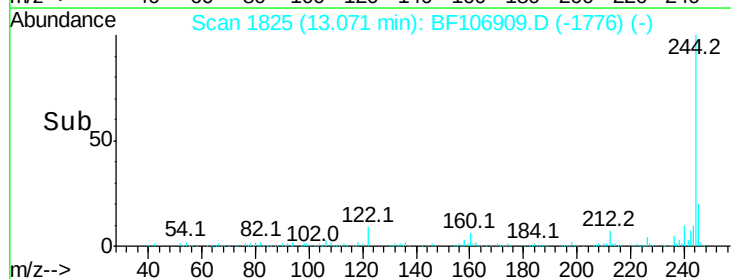
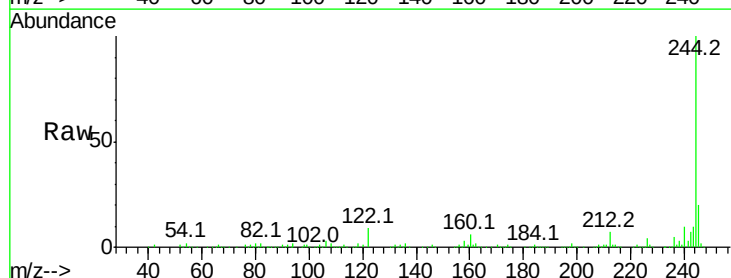
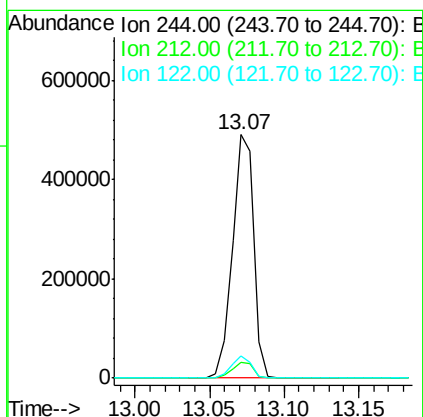
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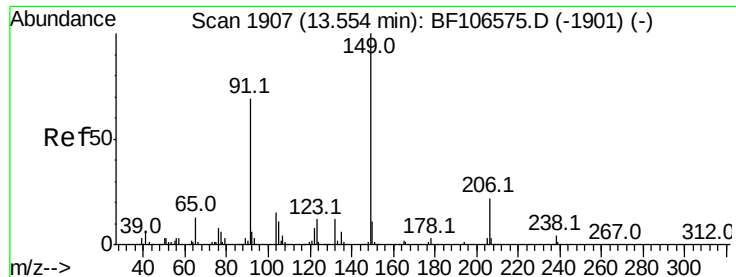
Sohil
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#78
Terphenyl-d14
Concen: 96.398 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.2	11.0	16.4#





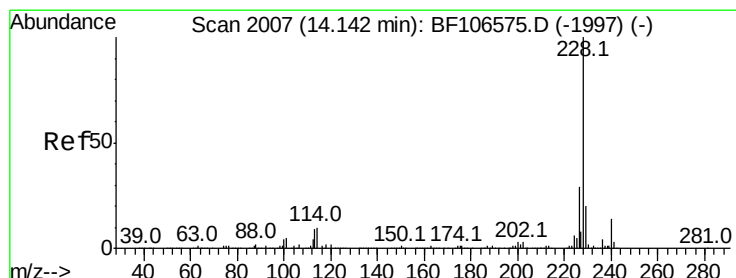
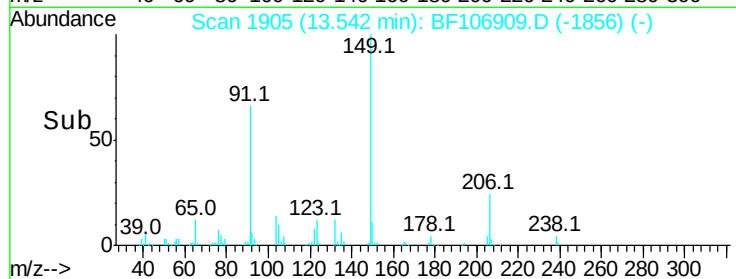
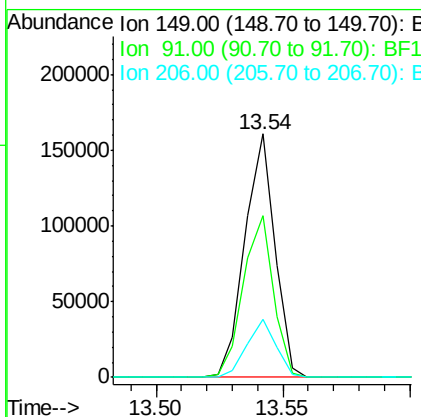
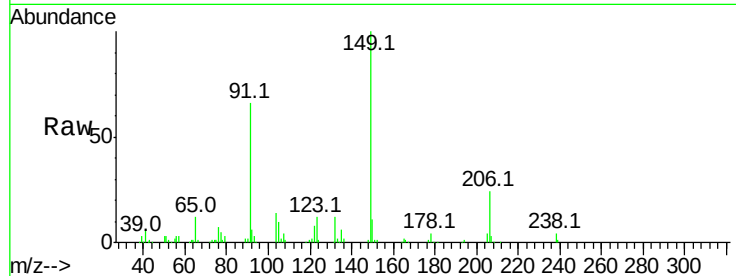
#79
Butylbenzylphthalate
Concen: 39.812 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.4	56.8	85.2
206	23.9	14.1	21.1

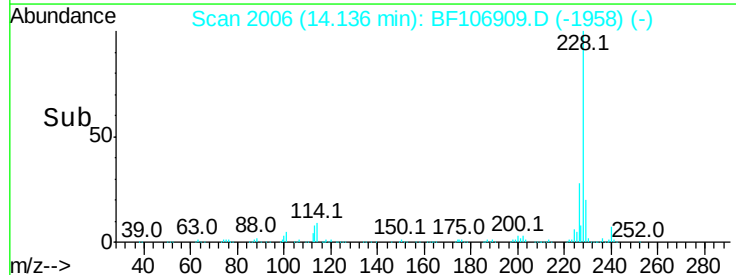
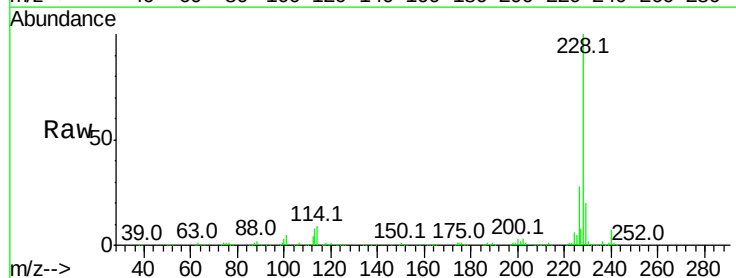
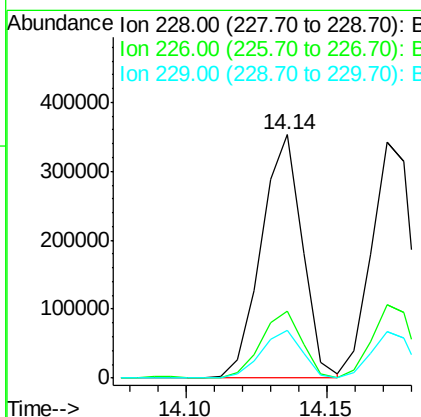
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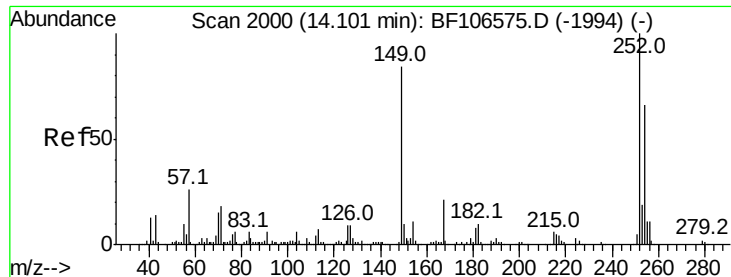
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#80
Benzo(a)anthracene
Concen: 47.411 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	22.6	33.8
229	19.7	15.8	23.6





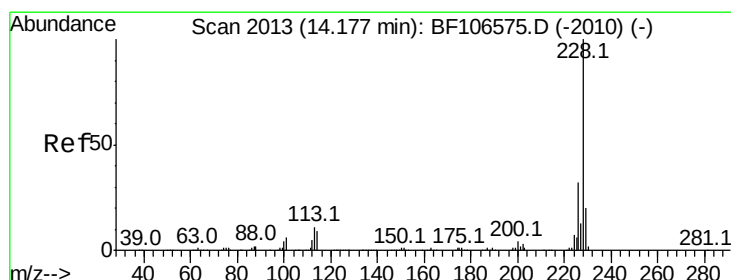
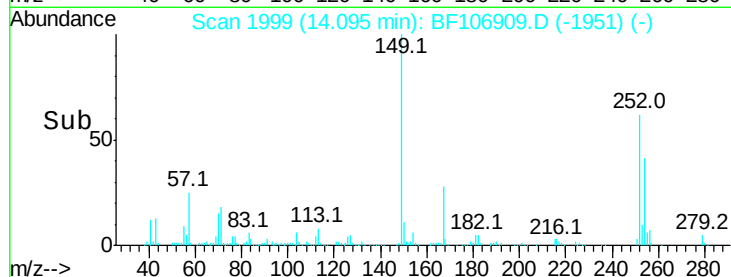
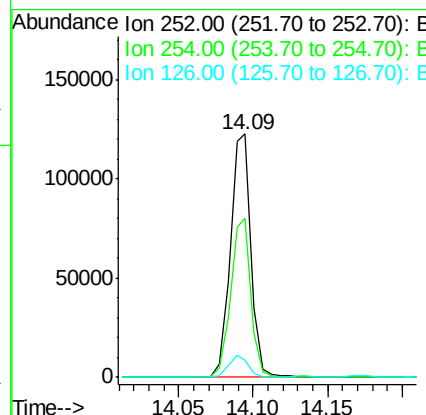
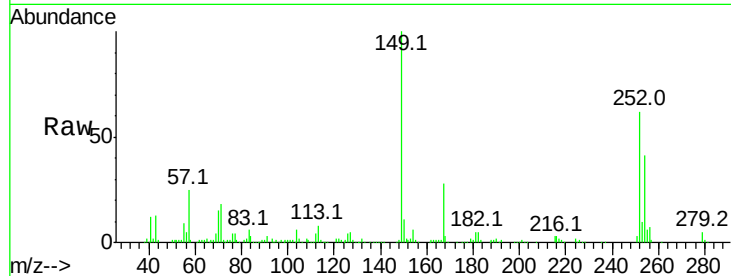
#81
 3,3'-Dichlorobenzidine
 Concen: 45.509 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.2	50.4	75.6	
126	7.1	11.3	16.9	

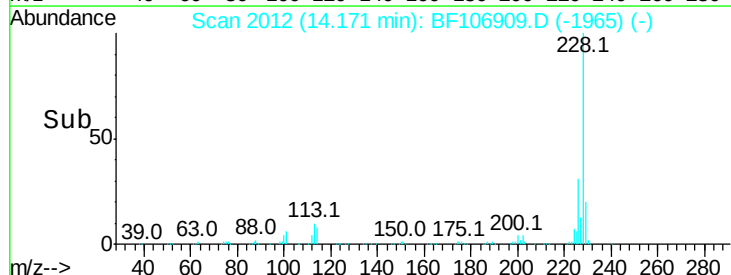
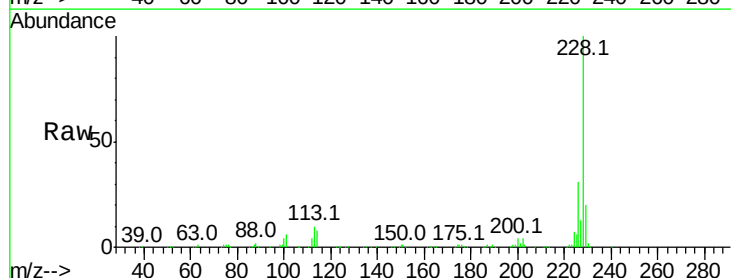
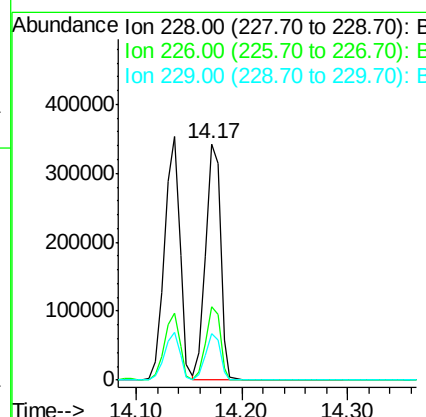
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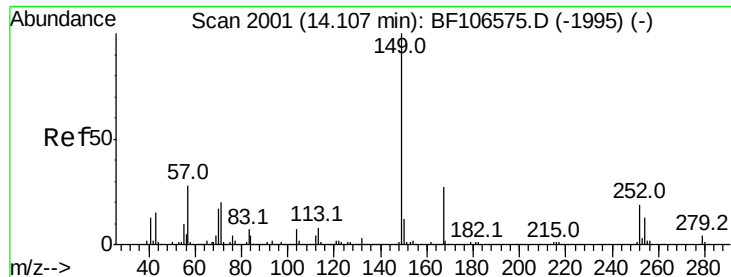
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#82
 Chrysene
 Concen: 48.644 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.2	25.0	37.6	
229	19.8	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.218 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Instrument :

BNA_F

ClientSampleId :

PB110635BS

Tot Ion:149 Resp: 171379

Ion Ratio Lower Upper

149 100

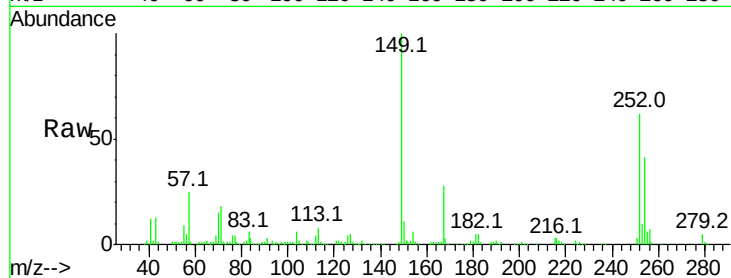
167 27.6 21.3 31.9

279 4.7 3.0 4.4#

Manual Integrations
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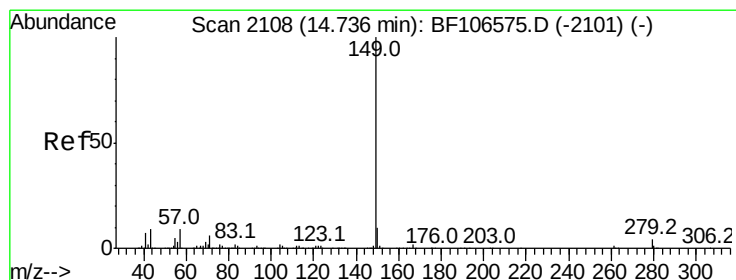
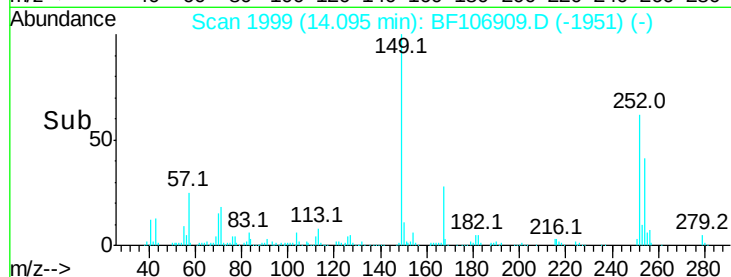
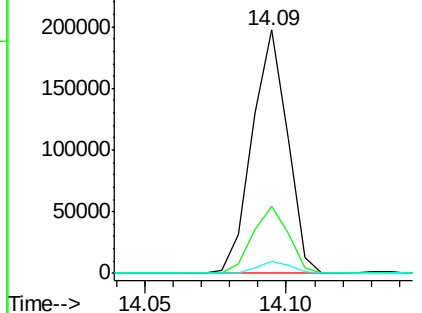
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.642 ng

RT: 14.72 min Scan# 2106

Delta R.T. -0.04 min

Lab File: BF106909.D

Acq: 28 Jun 2018 8:38

Tgt Ion:149 Resp: 330923

Ion Ratio Lower Upper

149 100

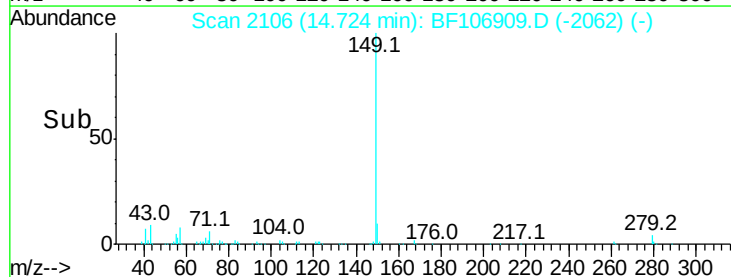
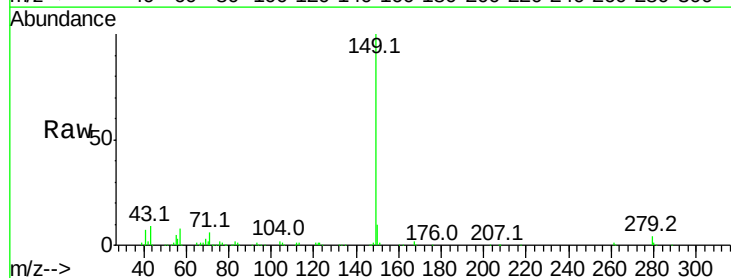
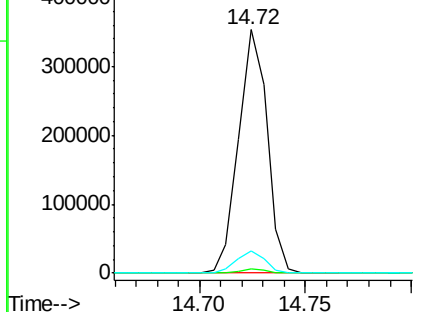
167 1.6 1.2 1.8

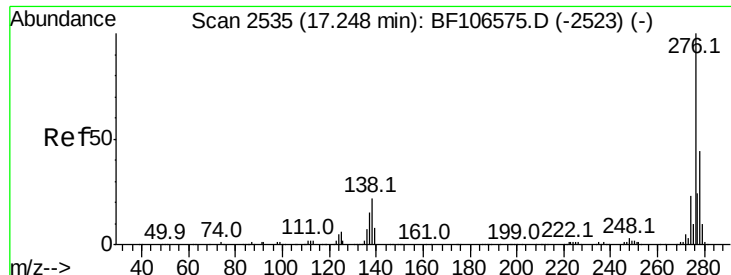
43 8.6 8.4 12.6

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





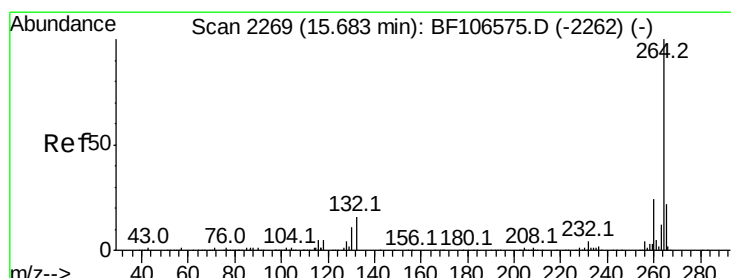
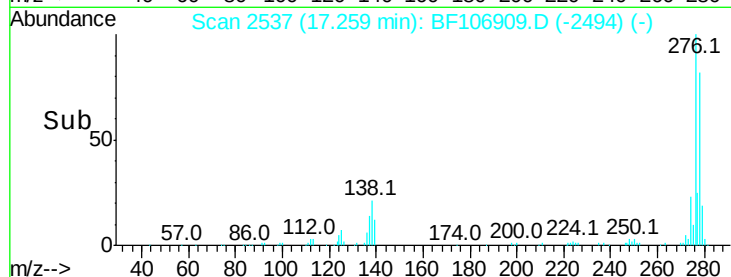
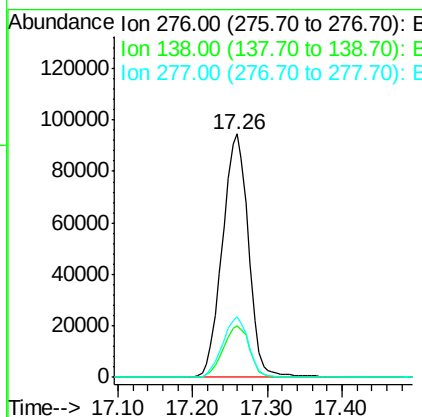
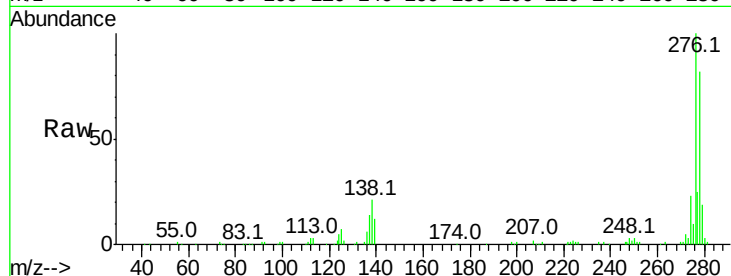
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.361 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	24.7	20.1	30.1

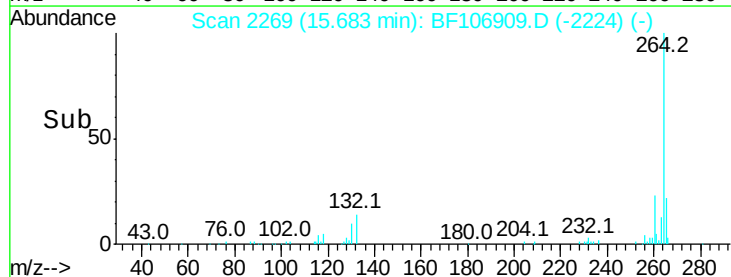
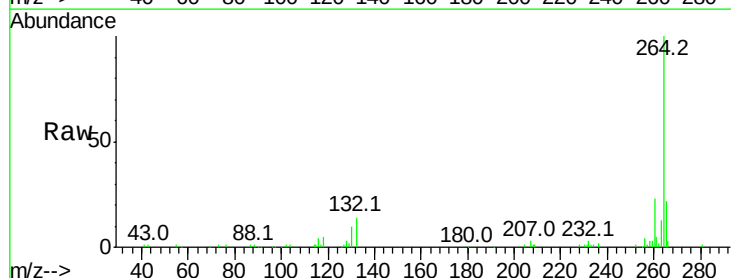
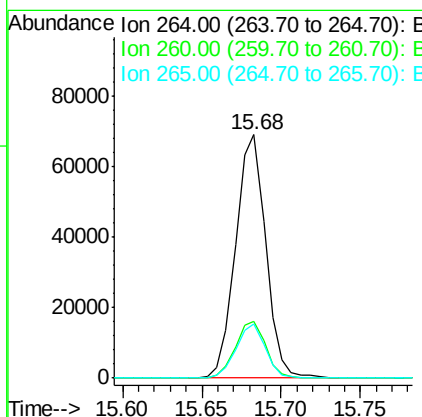
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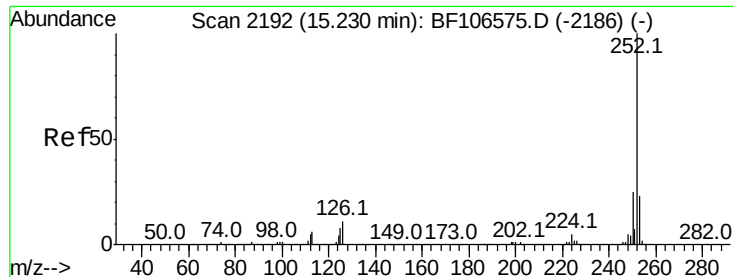
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.1	17.5	26.3





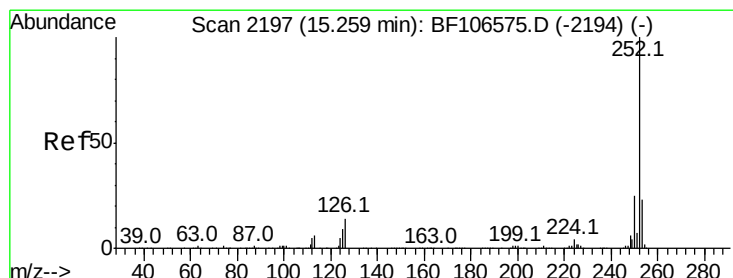
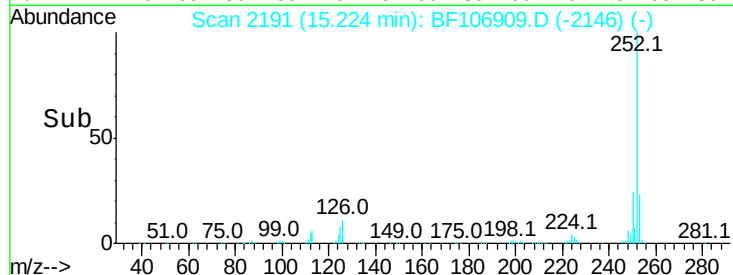
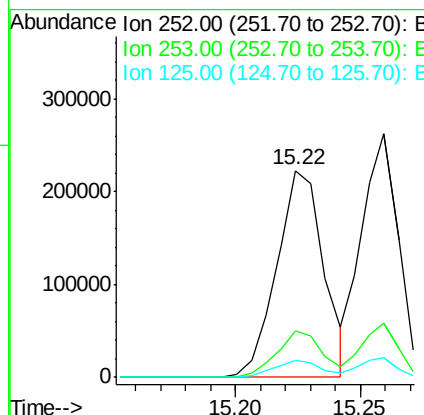
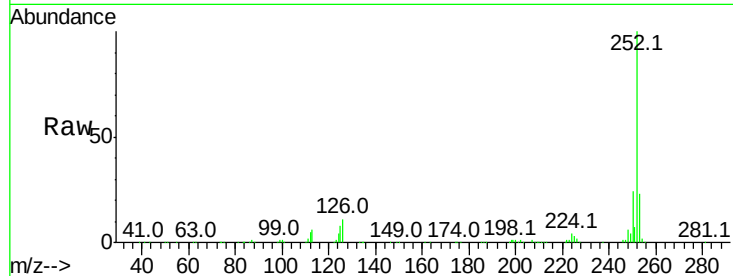
#87
Benzo(b)fluoranthene
Concen: 51.669 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampleId :
PB110635BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.5	9.0	13.6#

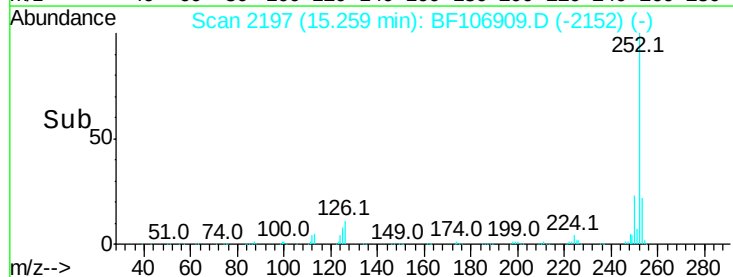
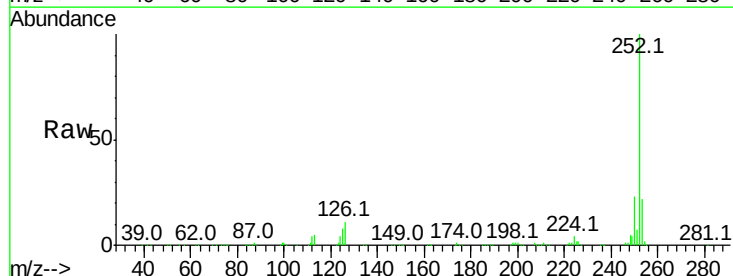
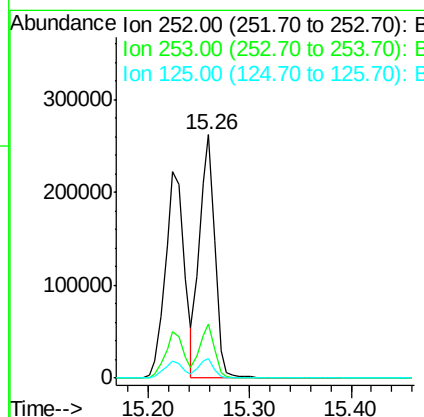
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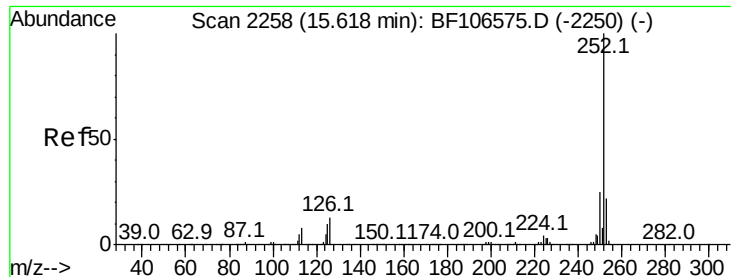
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#88
Benzo(k)fluoranthene
Concen: 51.396 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.9	26.9
125	7.9	10.2	15.2#





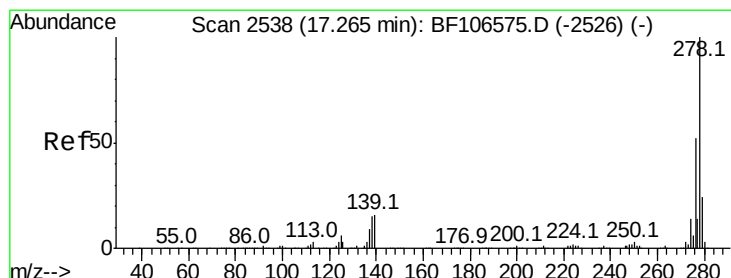
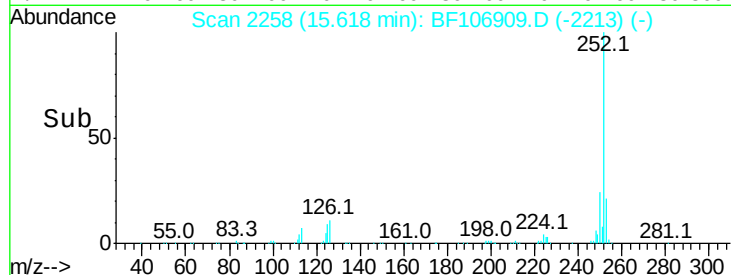
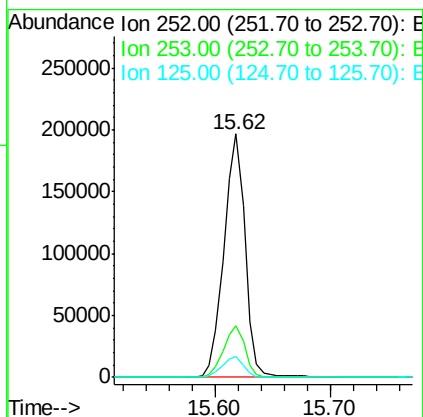
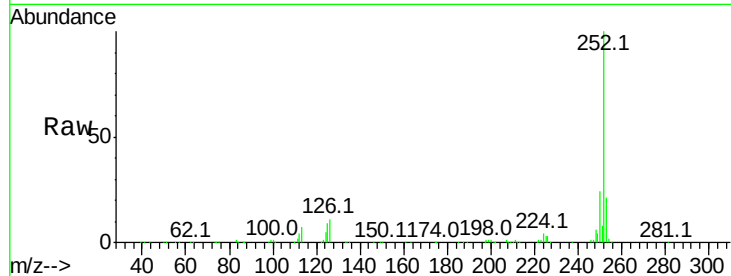
#89
Benzo(a)pyrene
Concen: 49.916 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Instrument :
BNA_F
ClientSampled :
PB110635BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.3	17.1	25.7
125	8.8	9.8	14.6

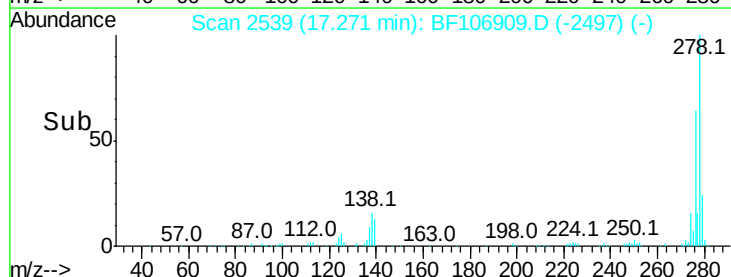
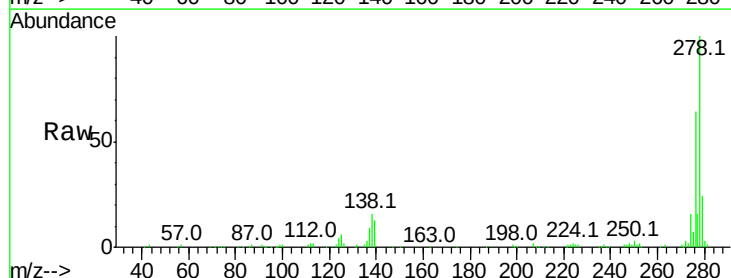
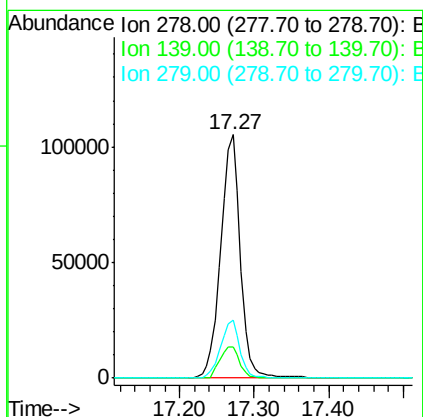
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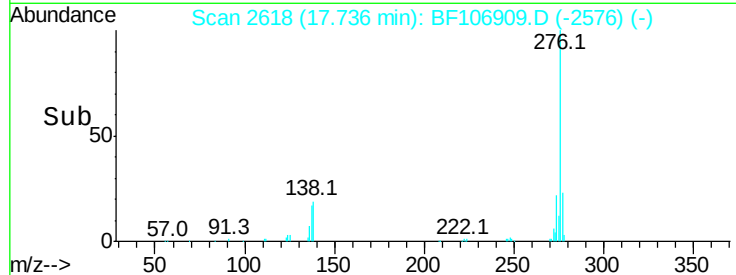
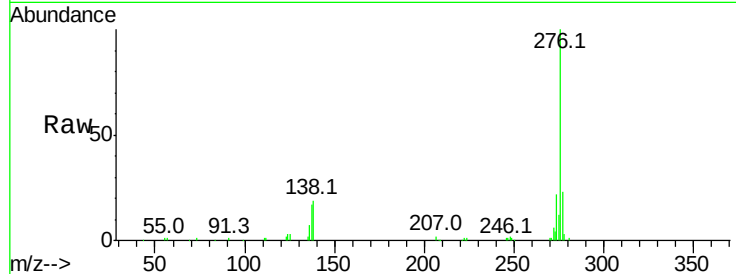
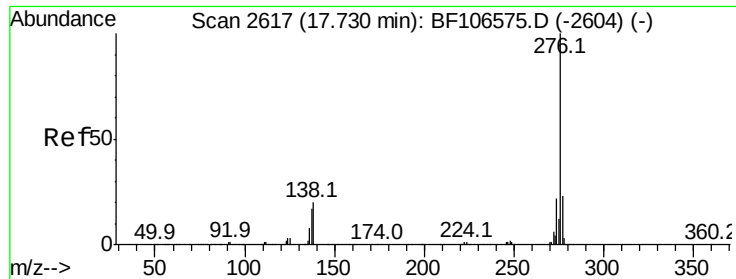
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#90
Dibenzo(a,h)anthracene
Concen: 45.557 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.05 min
Lab File: BF106909.D
Acq: 28 Jun 2018 8:38

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.0	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.489 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF106909.D
 Acq: 28 Jun 2018 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB110635BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	17.9	26.9
138	19.4	21.8	32.8

Manual Integrations
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